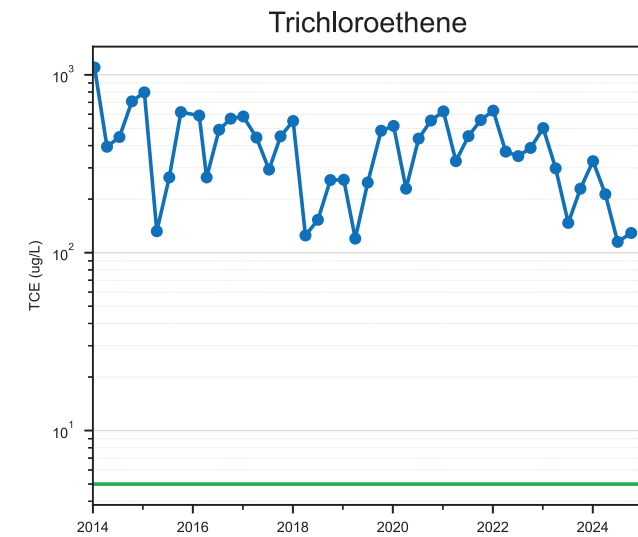
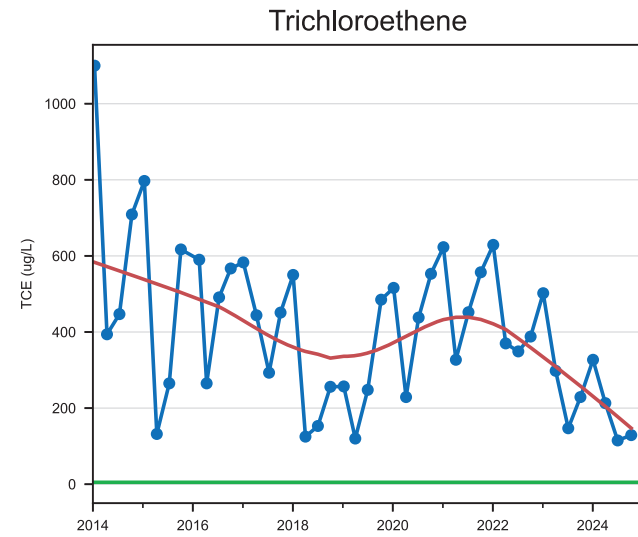
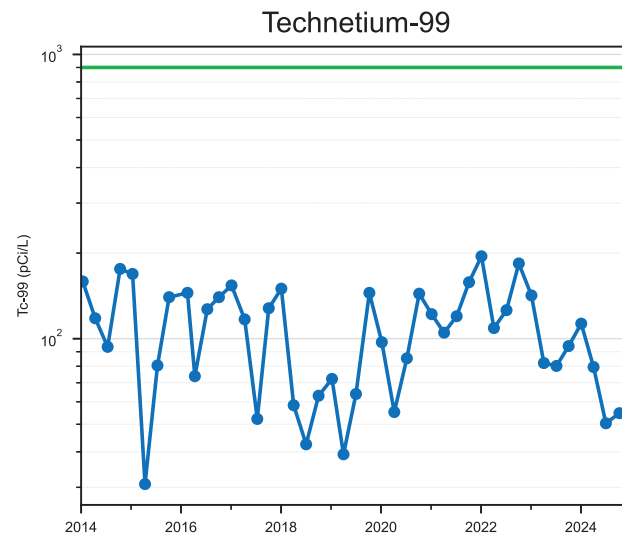
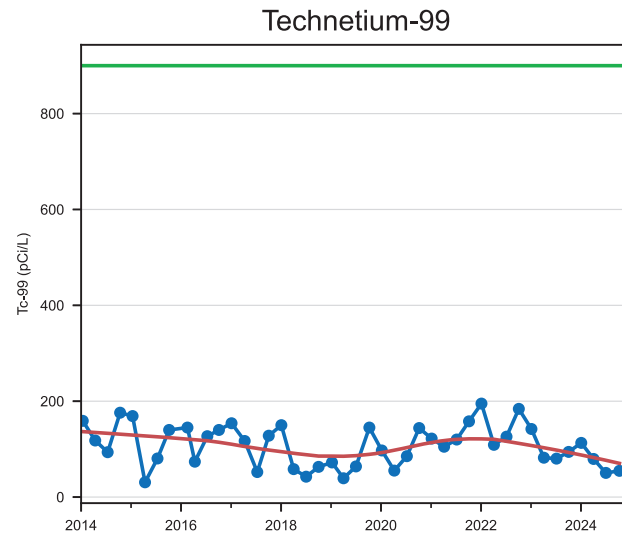


	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/13/2014	159.0	1100.0
04/14/2014	118.0	394.0
07/14/2014	93.6	447.0
10/13/2014	176.0	709.0
01/12/2015	169.0	797.0
04/13/2015	30.8	132.0
07/13/2015	80.5	265.0
10/06/2015	140.0	617.0
02/17/2016	145.0	590.0
04/11/2016	73.8	265.0
07/11/2016	127.0	491.0
10/04/2016	140.0	567.0
01/04/2017	154.0	583.0
04/10/2017	117.0	444.0
07/11/2017	52.2	293.0
10/03/2017	128.0	451.0
01/03/2018	150.0	550.0
04/03/2018	58.3	125.0
07/03/2018	42.5	153.0
10/02/2018	63.0	256.0
01/08/2019	72.2	257.0
04/02/2019	39.2	120.0
07/02/2019	63.9	248.0
10/08/2019	145.0	485.0
01/07/2020	97.2	516.0
04/07/2020	55.2	229.0
07/08/2020	85.3	438.0
10/06/2020	144.0	553.0
01/05/2021	122.0	623.0
04/06/2021	105.0	327.0
07/07/2021	120.0	452.0
10/05/2021	158.0	557.0
01/04/2022	195.0	629.0
04/05/2022	109.0	370.0
07/06/2022	126.0	349.0
10/04/2022	184.0	388.0
01/04/2023	142.0	502.0
04/05/2023	82.1	298.0
07/06/2023	80.2	147.0
10/03/2023	94.2	229.0
01/03/2024	113.0	327.0
04/02/2024	79.5	213.0
07/01/2024	50.4	115.0
10/08/2024	54.7	129.0

Notes:

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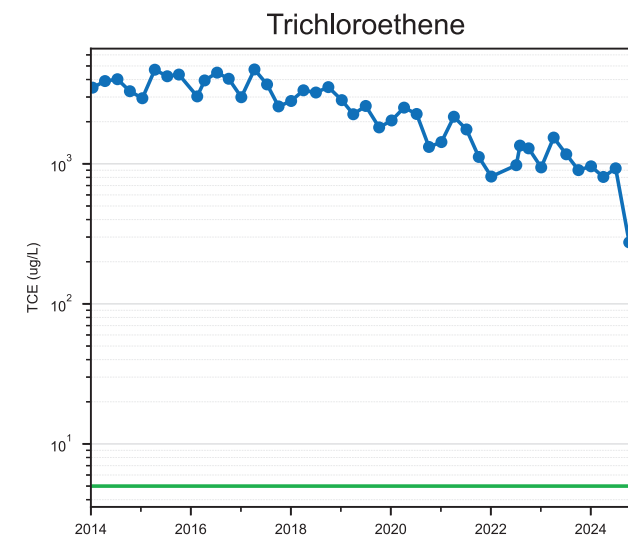
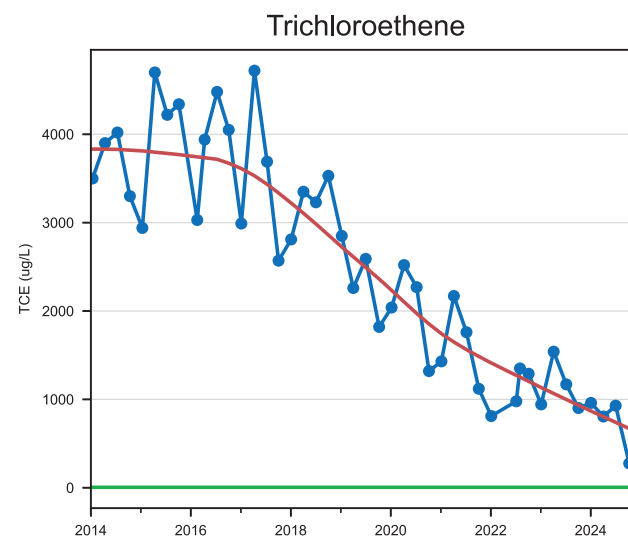
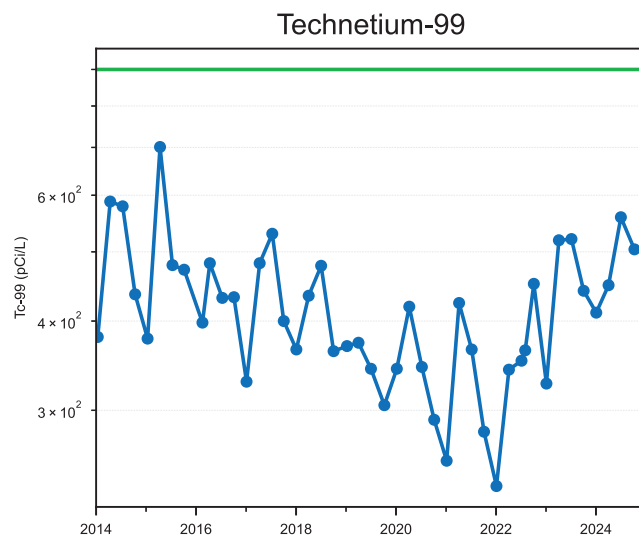
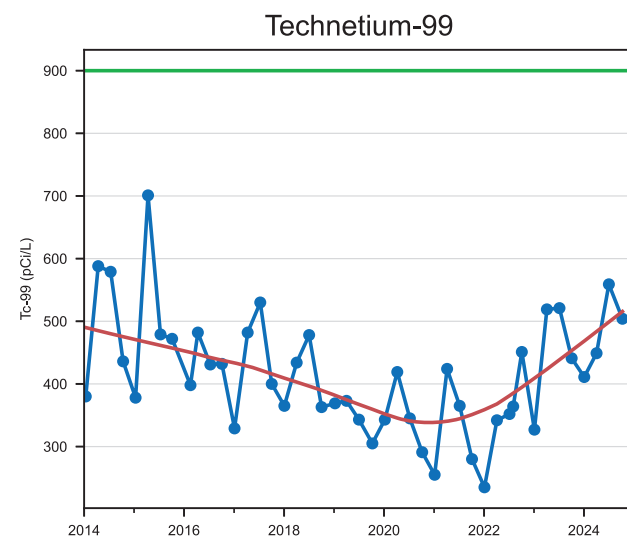
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Figure 1. Tc-99 and TCE at HV217/EW232 (RGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/13/2014	380.0	3500.0
04/14/2014	588.0	3900.0
07/14/2014	579.0	4020.0
10/13/2014	436.0	3300.0
01/12/2015	378.0	2940.0
04/13/2015	701.0	4700.0
07/13/2015	479.0	4220.0
10/06/2015	472.0	4340.0
02/17/2016	398.0	3030.0
04/11/2016	482.0	3940.0
07/11/2016	431.0	4480.0
10/04/2016	432.0	4050.0
01/04/2017	329.0	2990.0
04/10/2017	482.0	4720.0
07/11/2017	530.0	3690.0
10/03/2017	400.0	2570.0
01/03/2018	365.0	2810.0
04/03/2018	434.0	3350.0
07/03/2018	478.0	3230.0
10/02/2018	363.0	3530.0
01/08/2019	369.0	2850.0
04/02/2019	373.0	2260.0
07/02/2019	343.0	2590.0
10/08/2019	305.0	1820.0
01/07/2020	343.0	2040.0
04/07/2020	419.0	2520.0
07/08/2020	345.0	2270.0
10/06/2020	291.0	1320.0
01/05/2021	255.0	1430.0
04/06/2021	424.0	2170.0
07/07/2021	365.0	1760.0
10/05/2021	280.0	1120.0
01/04/2022	235.0	811.0
04/05/2022	342.0	
07/06/2022	352.0	978.0
08/02/2022	364.0	1350.0
10/04/2022	451.0	1290.0
01/04/2023	327.0	943.0
04/05/2023	519.0	1540.0
07/06/2023	521.0	1170.0
10/03/2023	441.0	902.0
01/03/2024	411.0	960.0
04/02/2024	449.0	806.0
07/01/2024	559.0	929.0
10/08/2024	504.0	275.0

Notes:

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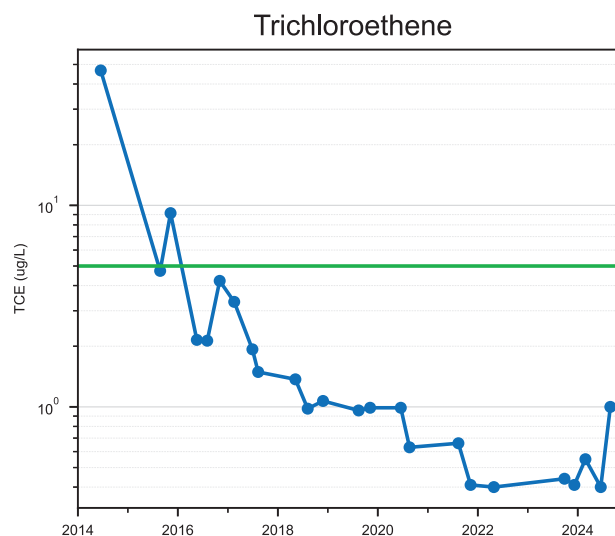
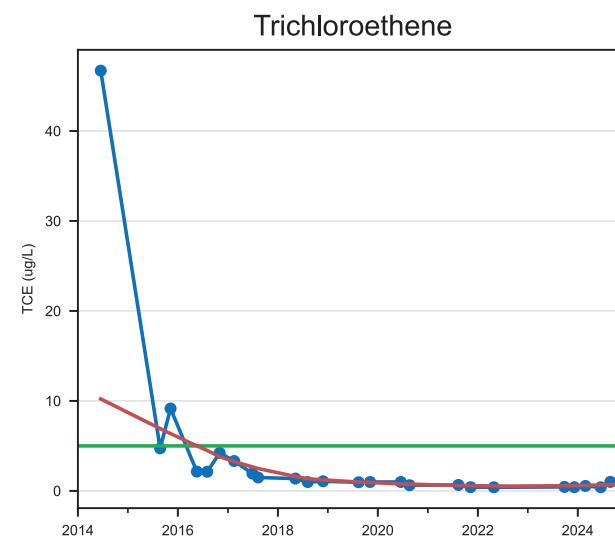
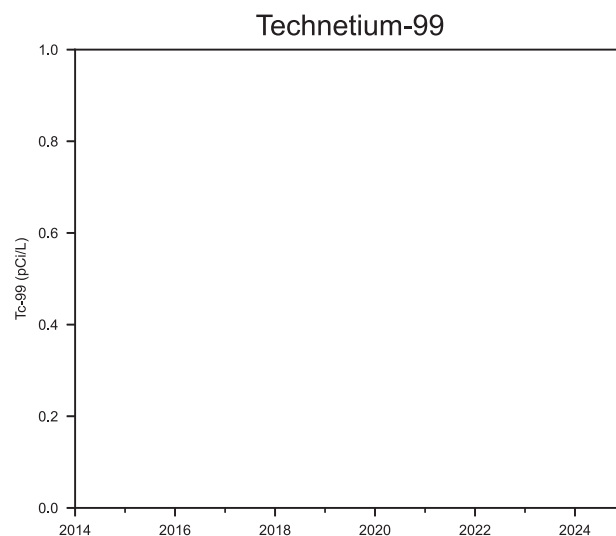
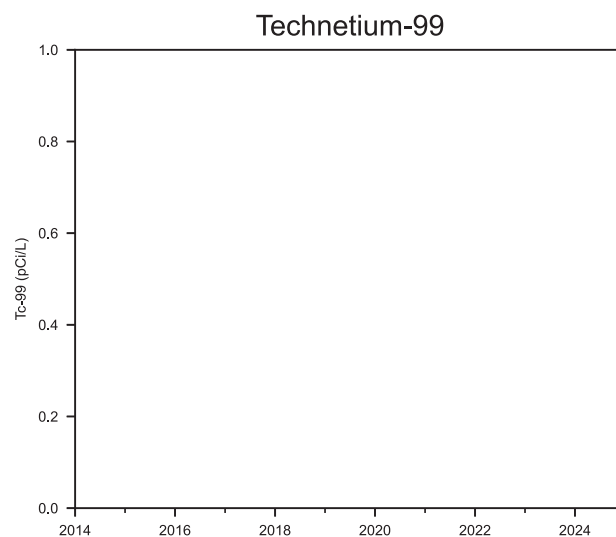
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Figure 2. Tc-99 and TCE at HV222/EW233 (RGA)

	Trichloroethene (ug/L)
06/17/2014	46.7
08/25/2015	4.73
11/09/2015	9.15
05/19/2016	2.15
08/03/2016	2.13
11/02/2016	4.22
02/16/2017	3.32
06/29/2017	1.93
08/10/2017	1.49
05/09/2018	1.37
08/07/2018	0.98
11/27/2018	1.07
08/14/2019	0.96
11/06/2019	0.99
06/17/2020	0.99
08/20/2020	0.63
08/12/2021	0.66
11/09/2021	0.41
04/28/2022	0.4
09/26/2023	0.44
12/07/2023	0.41
02/26/2024	0.55
06/17/2024	0.4
08/26/2024	< 1.0
11/20/2024	< 1.0

Notes:

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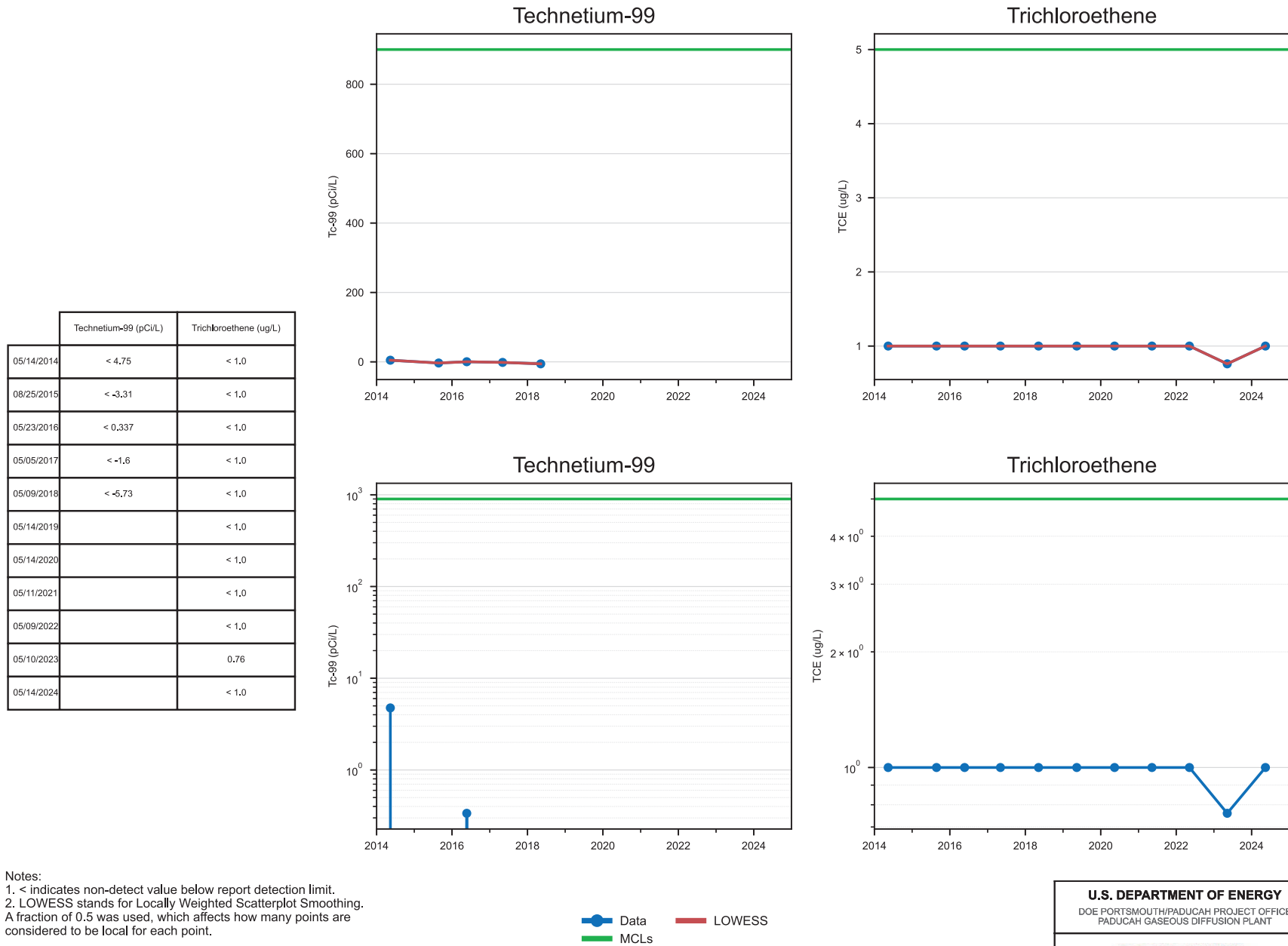


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Figure 3. Tc-99 and TCE at LBCSP5 (Seep)



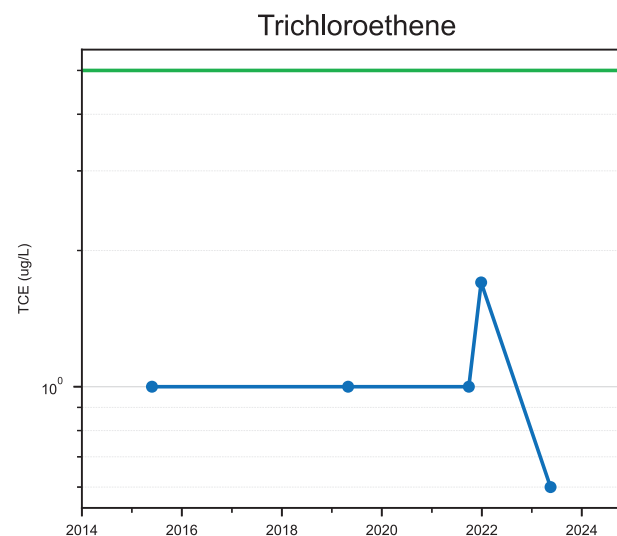
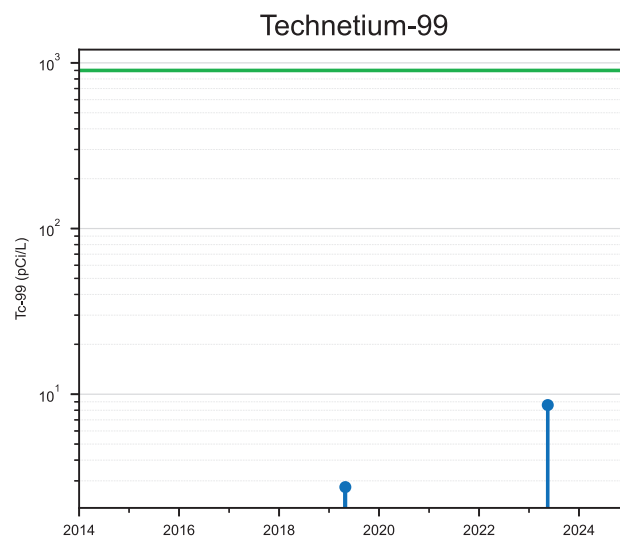
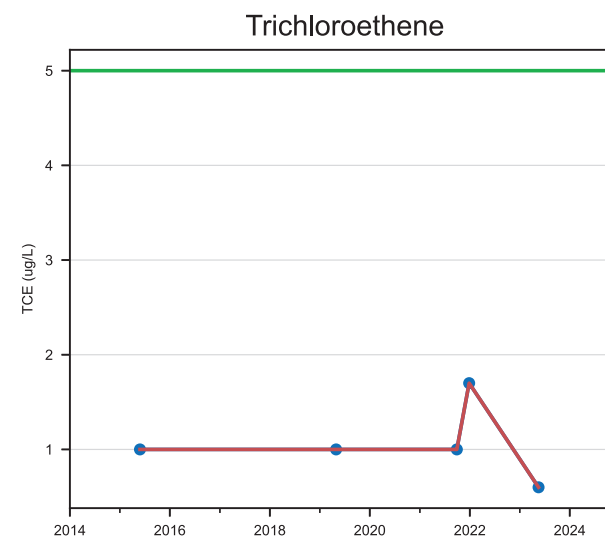
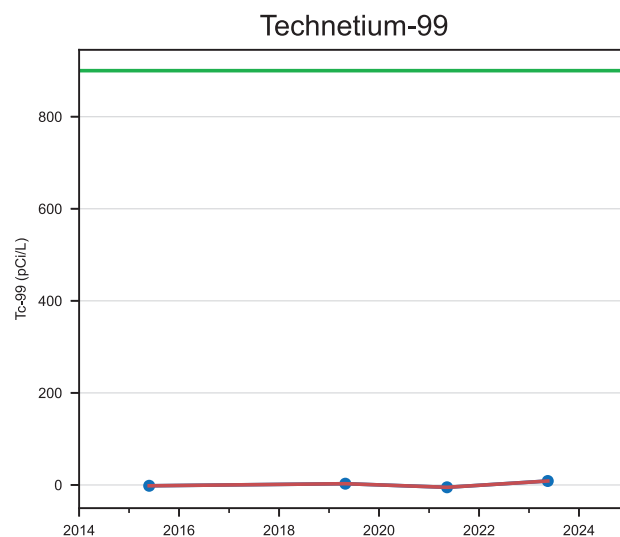
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Figure 4. Tc-99 and TCE at MW100 (LRGA)

Source: Trend_Plots_V1.ipynb

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/28/2015	< -1.77	< 1.0
04/30/2019	< 2.75	< 1.0
05/12/2021	< -5.08	
09/28/2021		< 1.0
12/27/2021		1.7
05/18/2023	< 8.6	0.6



Notes:
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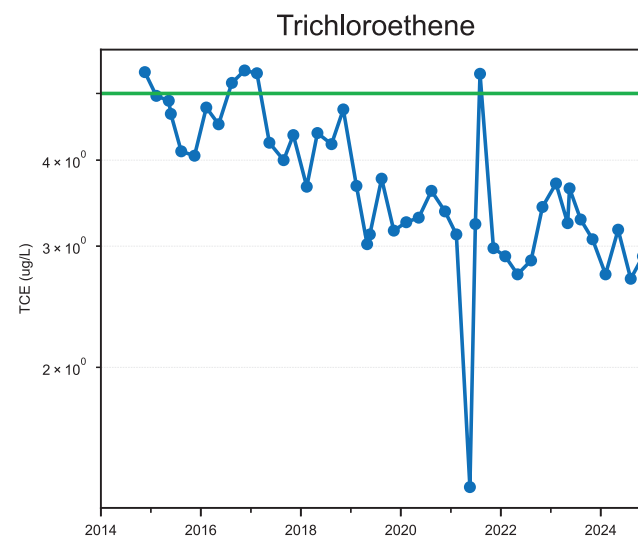
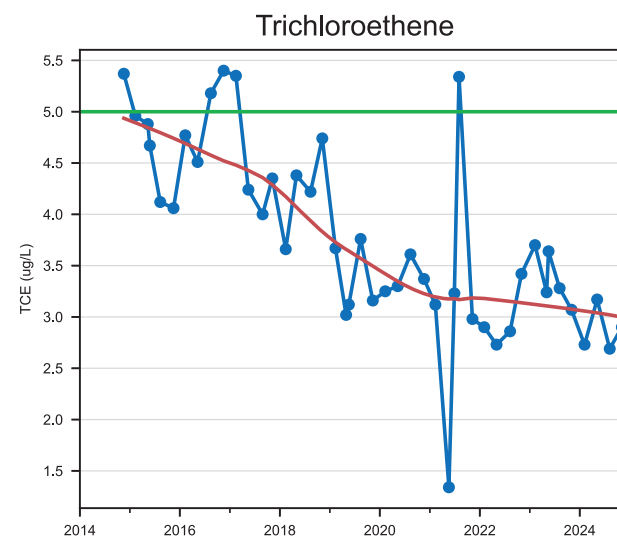
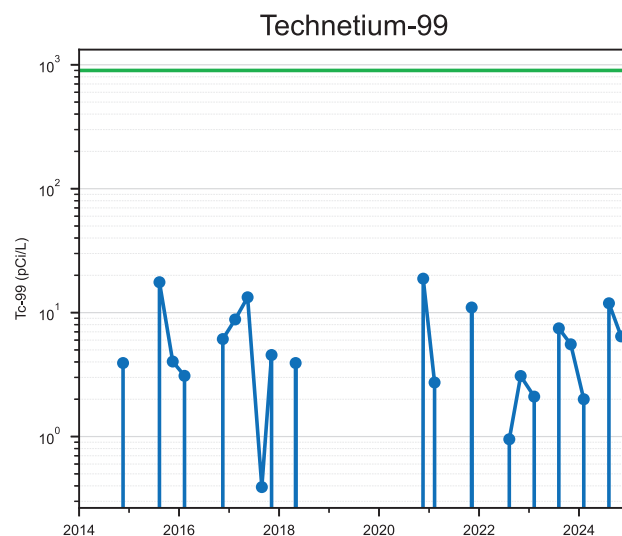
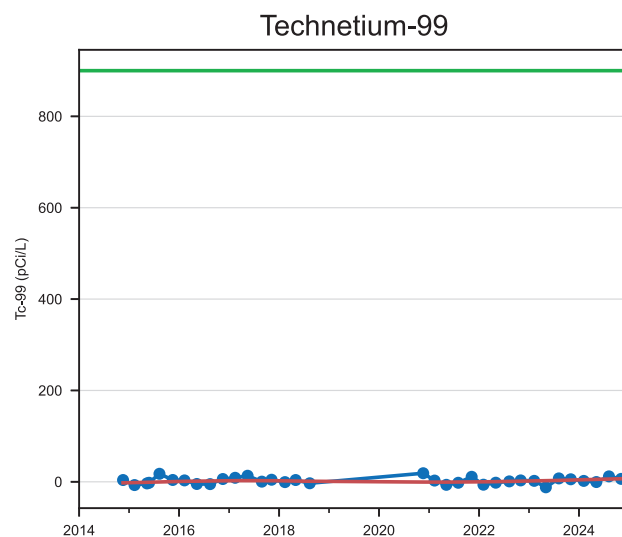
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Figure 5. Tc-99 and TCE at MW103 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
11/18/2014	< 3.92	5.37
02/10/2015	< 7.11	4.96
05/12/2015	< 3.5	4.88
05/27/2015	< 2.09	4.67
08/11/2015	< 17.6	4.12
11/16/2015	< 4.03	4.06
02/10/2016	< 3.09	4.77
05/10/2016	< 4.73	4.51
08/15/2016	< 5.03	5.18
11/16/2016	< 6.12	5.4
02/14/2017	< 8.81	5.35
05/16/2017	< 13.3	4.24
08/28/2017	< 0.391	4.0
11/07/2017	< 4.55	4.35
02/13/2018	< -0.627	3.66
05/02/2018	< 3.92	4.38
08/13/2018	< -3.18	4.22
11/07/2018		4.74
02/11/2019		3.67
04/30/2019		3.02
05/20/2019		3.12
08/14/2019		3.76
11/11/2019		3.16
02/10/2020		3.25
05/11/2020		3.3
08/12/2020		3.61
11/19/2020	< 18.8	3.37
02/10/2021	< 2.73	3.12
05/07/2021	< 6.58	
05/20/2021		1.34
06/29/2021		3.23
08/02/2021	< 2.09	5.34
11/08/2021	< 11.0	2.98
02/02/2022	< 6.3	2.9
05/03/2022	< 1.93	2.73
08/10/2022	< 0.951	2.86
11/01/2022	< 3.08	3.42
02/08/2023	< 2.1	3.7
05/04/2023	< 12.0	3.24
05/18/2023		3.64
08/07/2023	< 7.47	3.28
11/02/2023	< 5.55	3.07
02/05/2024	< 2.0	2.73
05/07/2024	< 0.488	3.17
08/07/2024	< 11.9	2.69
11/04/2024	< 6.43	2.9

Notes:

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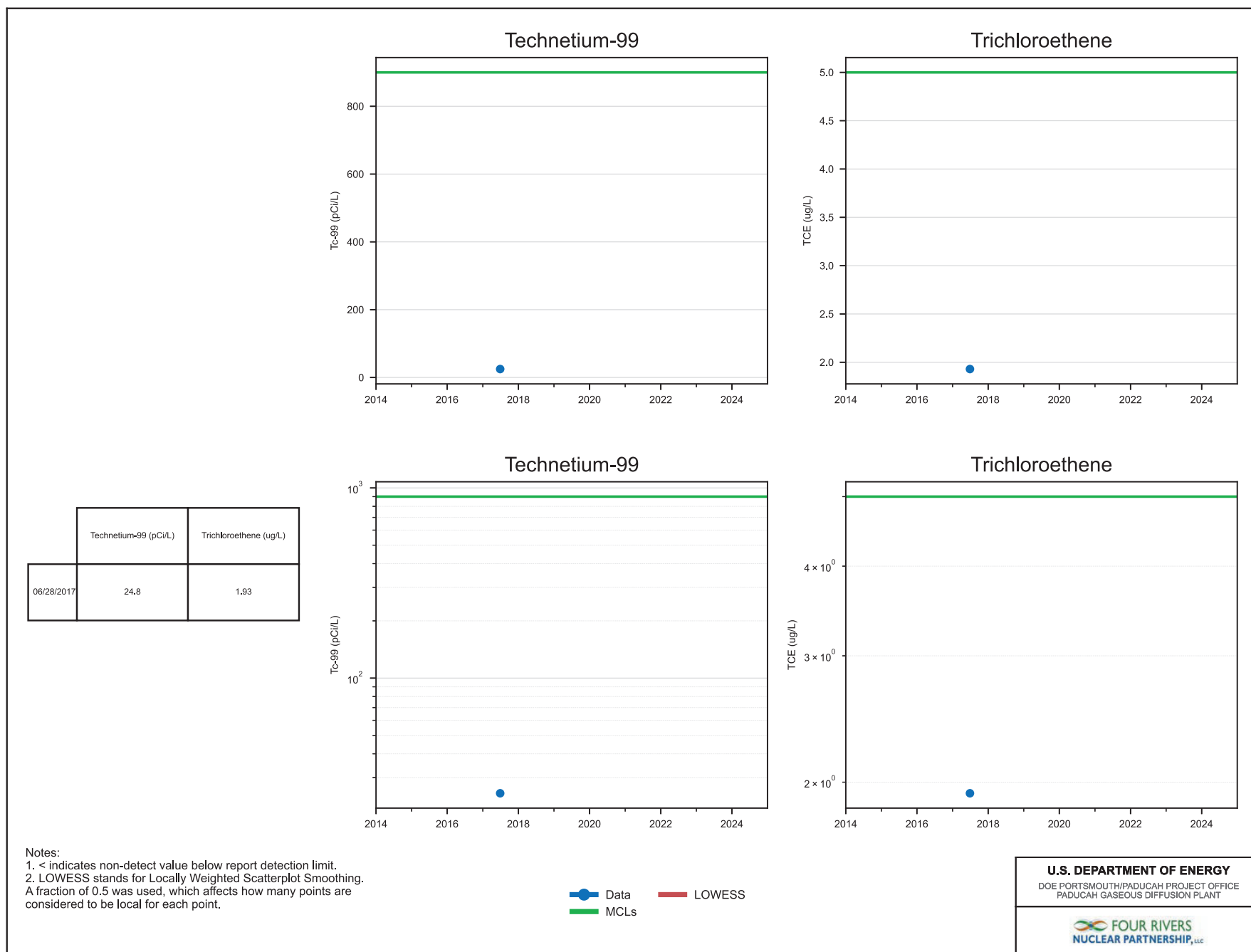


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Figure 6. Tc-99 and TCE at MW106A (MRGA)



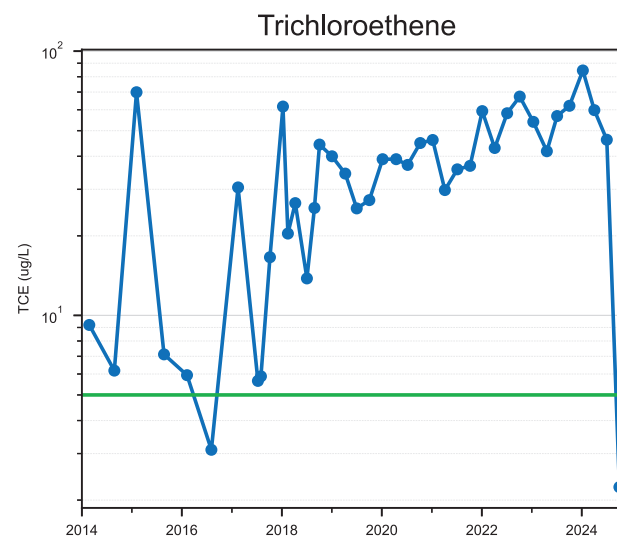
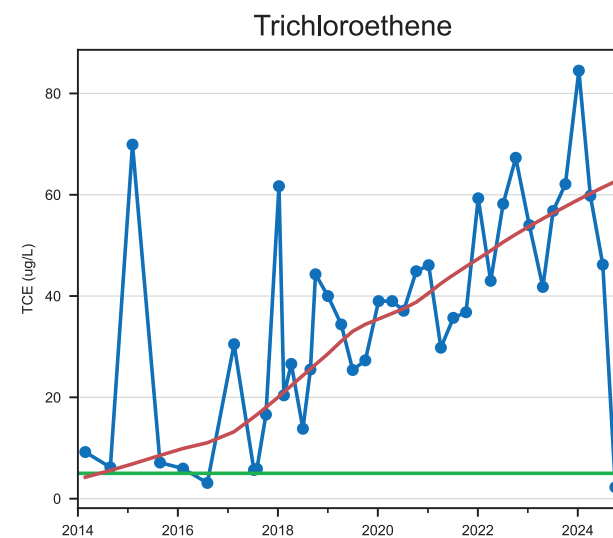
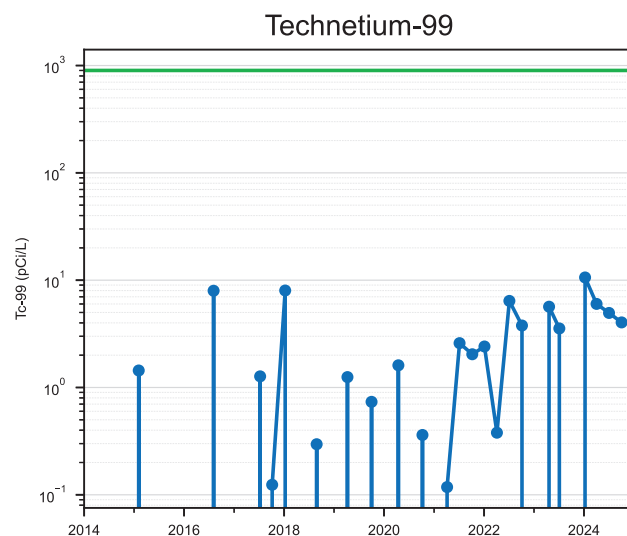
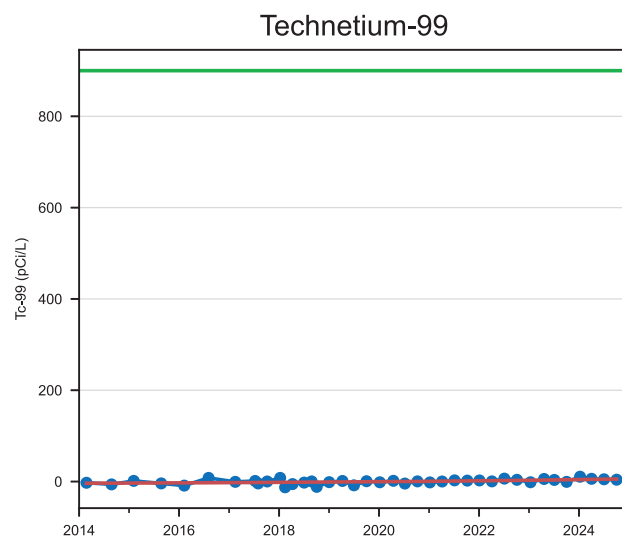
Source: Trend_Plots_V1.ipynb

Figure 7. Tc-99 and TCE at MW108 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/24/2014	< -2.69	9.2
08/26/2014	< -6.23	6.18
02/04/2015	< 1.44	69.9
08/24/2015	< -4.04	7.12
02/08/2016	< -8.87	5.94
08/04/2016	< 7.97	3.1
02/15/2017	< -0.649	30.5
07/10/2017	< 1.27	5.65
08/01/2017	< -4.11	5.88
10/06/2017	< 0.124	16.6
01/09/2018	< 8.01	61.7
02/14/2018	< -12.6	20.4
04/09/2018	< -5.57	26.6
07/03/2018	< -2.31	13.8
08/27/2018	< 0.296	25.5
10/03/2018	< -11.6	44.3
01/02/2019	< -1.35	40.0
04/09/2019	< 1.25	34.4
07/02/2019	< -8.24	25.4
10/02/2019	< 0.735	27.3
01/07/2020	< -1.59	39.0
04/15/2020	< 1.61	39.0
07/08/2020	< -4.38	37.1
10/08/2020	< 0.361	44.9
01/07/2021	< -1.89	46.1
04/06/2021	< 0.118	29.8
07/06/2021	< 2.59	35.7
10/07/2021	< 2.04	36.8
01/04/2022	< 2.41	59.3
04/05/2022	< 0.379	43.0
07/05/2022	< 6.41	58.2
10/05/2022	< 3.78	67.3
01/12/2023	< -1.55	54.0
04/21/2023	< 5.66	41.8
07/05/2023	< 3.55	56.8
10/03/2023	< -0.697	62.1
01/09/2024	< 10.6	84.5
04/02/2024	< 6.01	59.8
07/02/2024	< 4.95	46.2
10/02/2024	< 4.04	2.24

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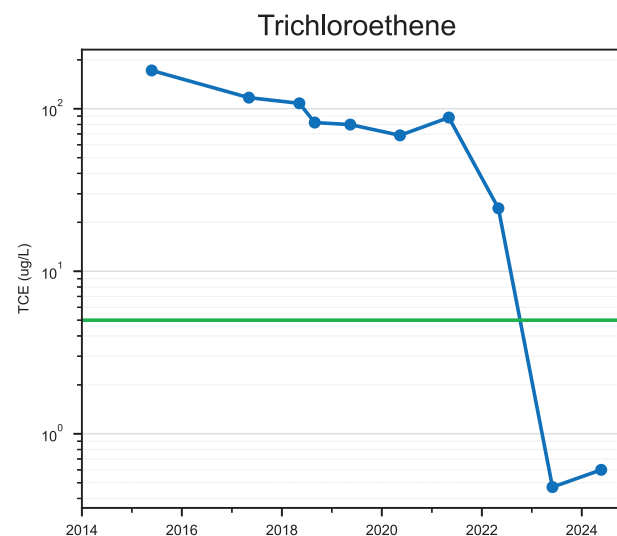
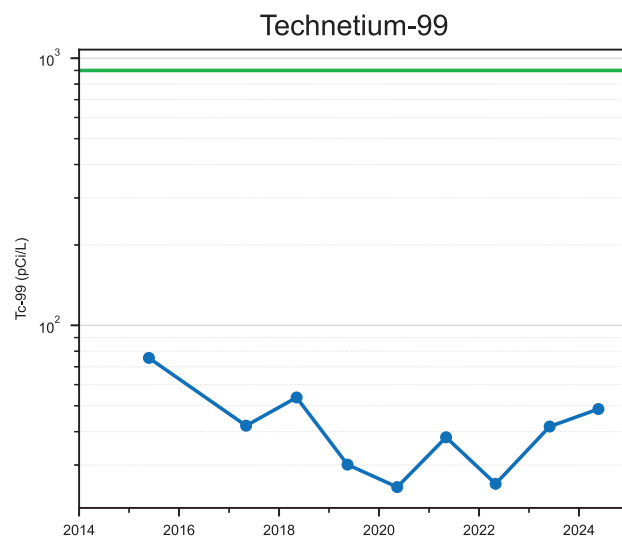
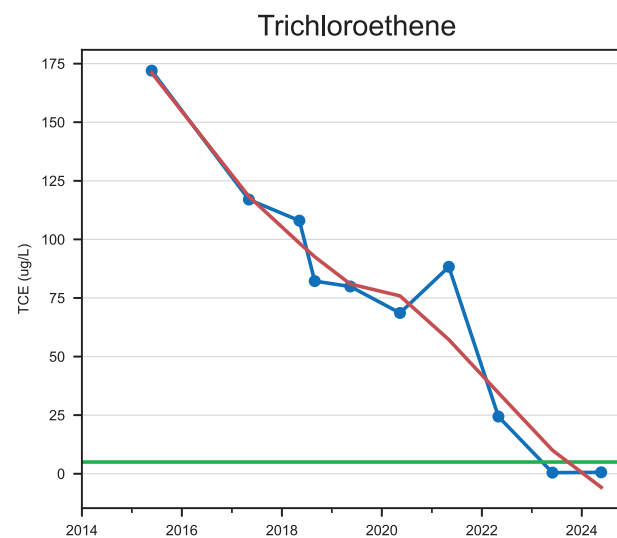
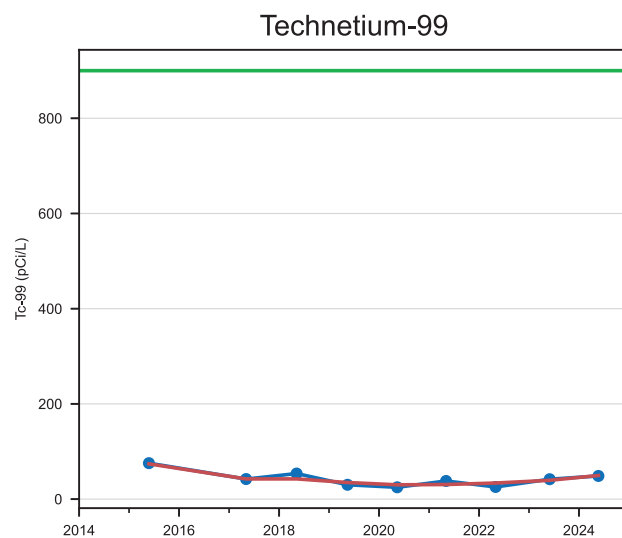

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Figure 8. Tc-99 and TCE at MW124 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/26/2015	75.5	172.0
05/05/2017	42.1	117.0
05/09/2018	53.7	108.0
08/29/2018		82.2
05/16/2019	30.1	79.9
05/13/2020	24.8	68.6
05/05/2021	38.1	88.3
05/02/2022	25.5	24.4
06/01/2023	41.8	0.47
05/22/2024	48.6	0.6

Notes:

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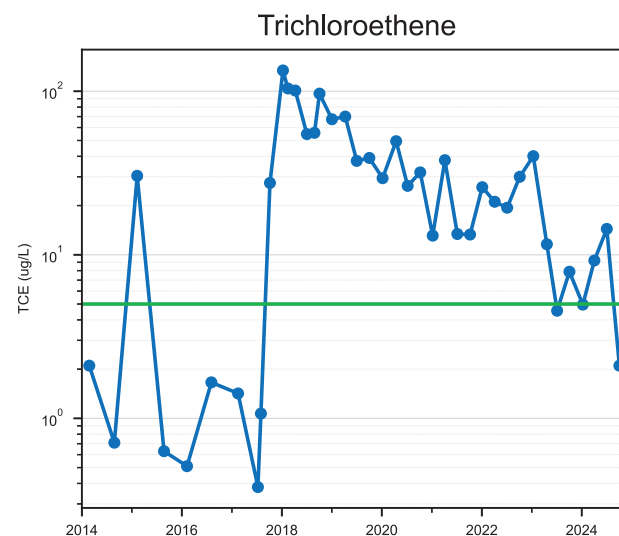
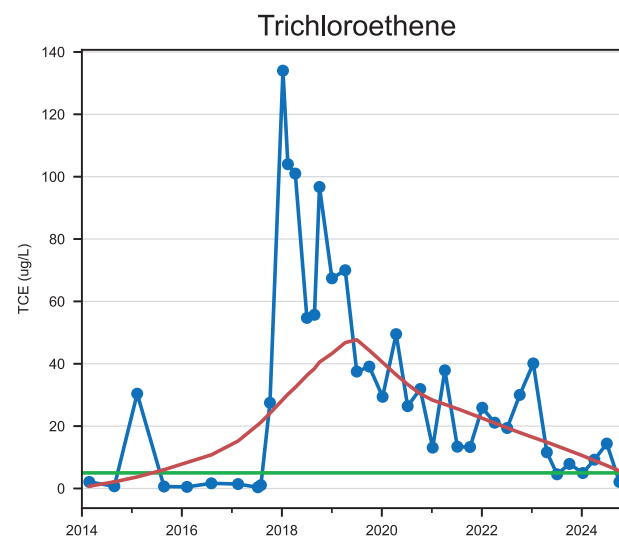
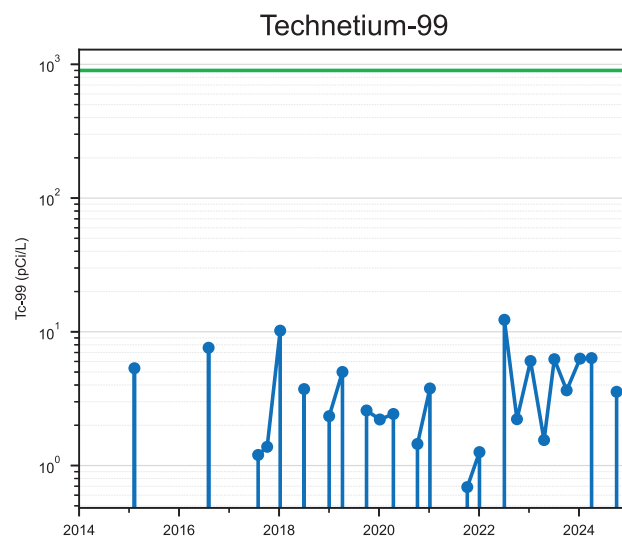
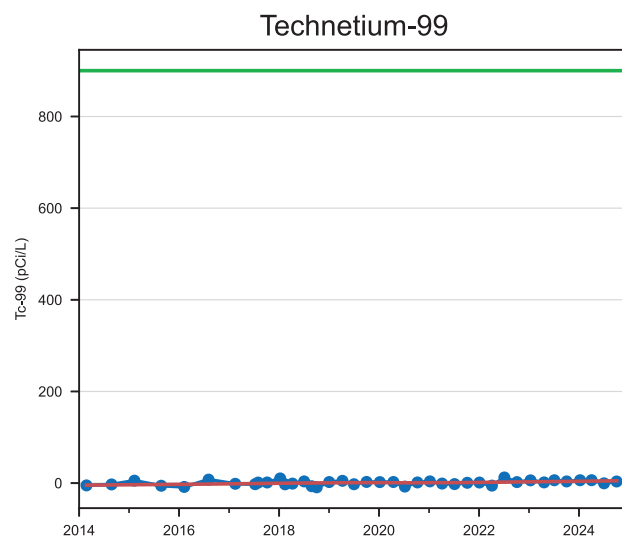

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Figure 9. Tc-99 and TCE at MW125 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/24/2014	< -5.0	2.1
08/26/2014	< -2.86	0.71
02/09/2015	< 5.34	30.4
08/24/2015	< -5.75	0.63
02/08/2016	< -8.34	0.51
08/04/2016	< 7.6	1.66
02/15/2017	< -1.5	1.42
07/10/2017	< -2.35	0.38
08/01/2017	< 1.2	1.07
10/06/2017	< 1.38	27.5
01/09/2018	< 10.2	134.0
02/14/2018	< -2.67	104.0
04/09/2018	< -1.07	101.0
07/03/2018	< 3.73	54.7
08/27/2018	< -6.78	55.7
10/03/2018	< -9.14	96.7
01/02/2019	< 2.34	67.4
04/09/2019	< 5.01	70.0
07/02/2019	< -2.45	37.5
10/02/2019	< 2.58	39.1
01/07/2020	< 2.21	29.4
04/15/2020	< 2.43	49.5
07/08/2020	< -7.56	26.4
10/08/2020	< 1.45	31.9
01/07/2021	< 3.77	13.1
04/06/2021	< -0.998	37.9
07/06/2021	< -2.13	13.4
10/07/2021	< 0.69	13.3
01/04/2022	< 1.26	25.9
04/05/2022	< -5.43	21.1
07/05/2022	< 12.3	19.4
10/05/2022	< 2.22	30.0
01/12/2023	< 6.05	40.1
04/21/2023	< 1.55	11.6
07/05/2023	< 6.24	4.55
10/03/2023	< 3.65	7.88
01/09/2024	< 6.3	4.96
04/02/2024	< 6.36	9.23
07/02/2024	< -0.438	14.4
10/02/2024	< 3.56	2.1

Notes:

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Figure 10. Tc-99 and TCE at MW126 (MRGA)

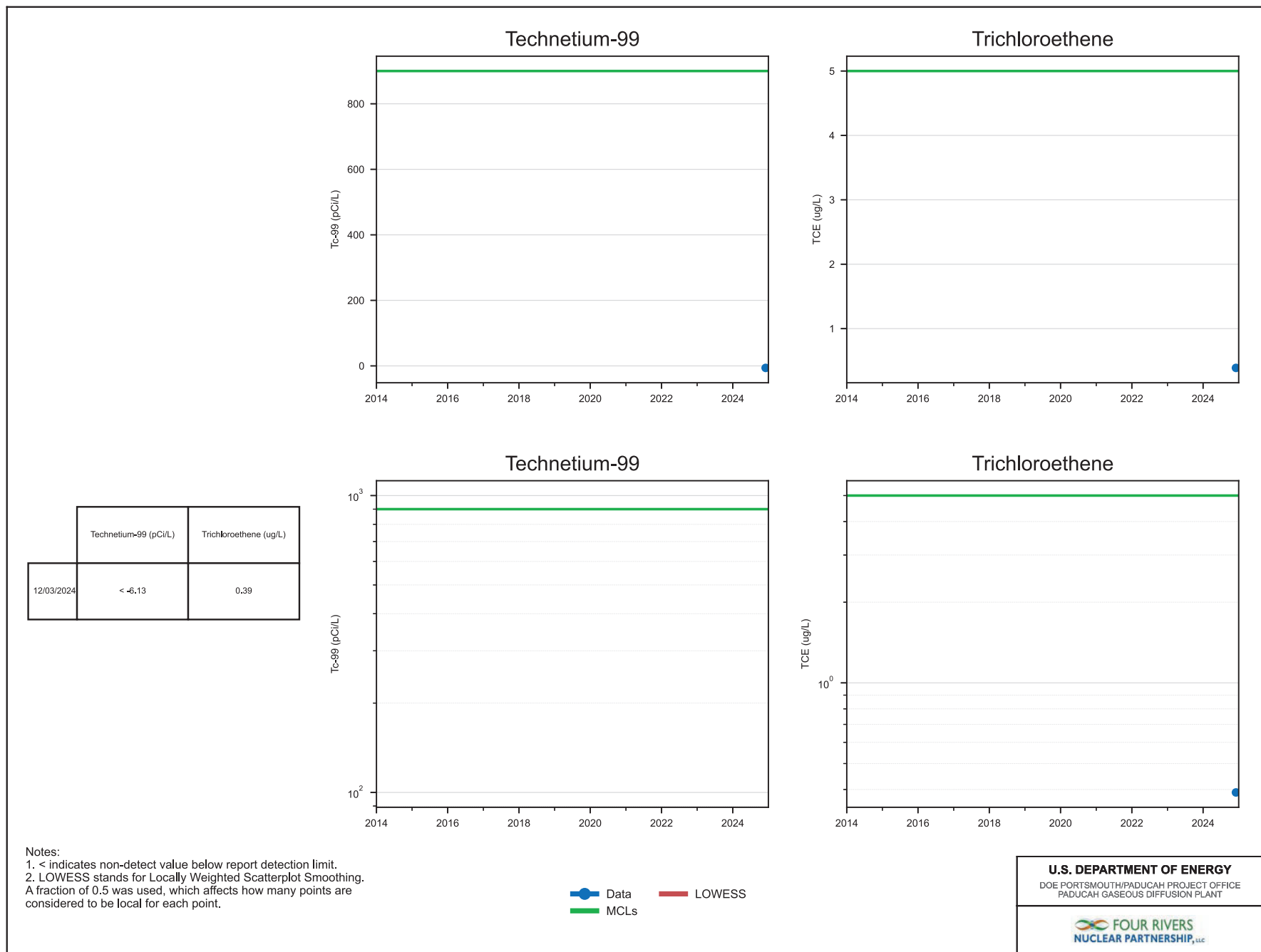


Figure 11. Tc-99 and TCE at MW132 (LRGA)

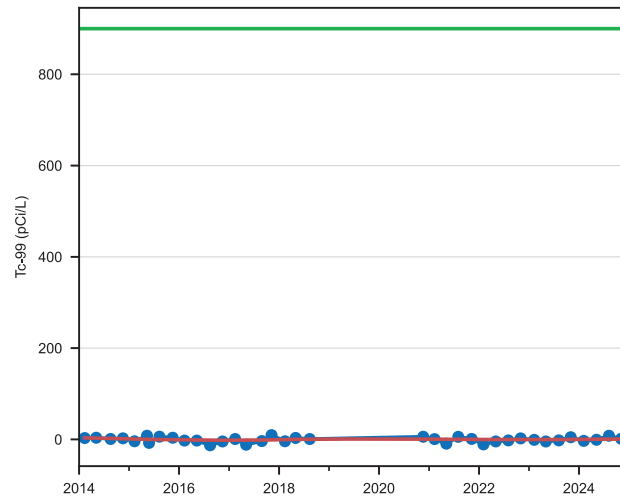
Source: Trend_Plots_V1.ipynb

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/11/2014	< 2.96	< 1.0
05/08/2014	< 3.7	< 1.0
08/19/2014	< 0.964	< 1.0
11/17/2014	< 2.39	< 1.0
02/10/2015	< 4.06	< 1.0
05/12/2015	< 8.08	< 1.0
05/27/2015	< 7.61	< 1.0
08/11/2015	< 6.02	< 1.0
11/16/2015	< 3.68	< 1.0
02/10/2016	< 2.53	< 1.0
05/10/2016	< 2.52	< 1.0
08/15/2016	< 12.9	< 1.0
11/14/2016	< 4.47	< 1.0
02/14/2017	< 0.856	< 1.0
05/05/2017	< 11.6	0.44
08/28/2017	< 3.61	< 1.0
11/07/2017	< 9.4	5.83
02/13/2018	< 4.07	< 1.0
05/02/2018	< 3.2	< 1.0
08/13/2018	< 0.83	< 1.0
11/07/2018	< 1.0	< 1.0
02/11/2019	< 1.0	< 1.0
05/20/2019	< 1.0	< 1.0
08/14/2019	< 1.0	< 1.0
02/25/2020	< 1.0	< 1.0
05/11/2020	< 1.0	< 1.0
08/12/2020	< 1.0	< 1.0
11/19/2020	< 5.85	< 1.0
02/10/2021	< 0.64	< 1.0
05/07/2021	< 9.33	< 1.0
06/29/2021		0.43
08/02/2021	< 5.66	0.77
11/08/2021	< 1.04	< 1.0
02/02/2022	< 10.9	< 1.0
05/03/2022	< 4.48	< 1.0
08/03/2022	< 2.18	< 1.0
11/01/2022	< 2.22	< 1.0
02/08/2023	< 0.961	0.55
05/04/2023	< 4.53	< 1.0
08/07/2023	< 2.14	< 1.0
11/02/2023	< 4.81	< 1.0
02/05/2024	< 3.18	< 1.0
05/08/2024	< 0.825	< 1.0
08/07/2024	< 7.98	< 1.0
11/04/2024	< 1.44	< 1.0

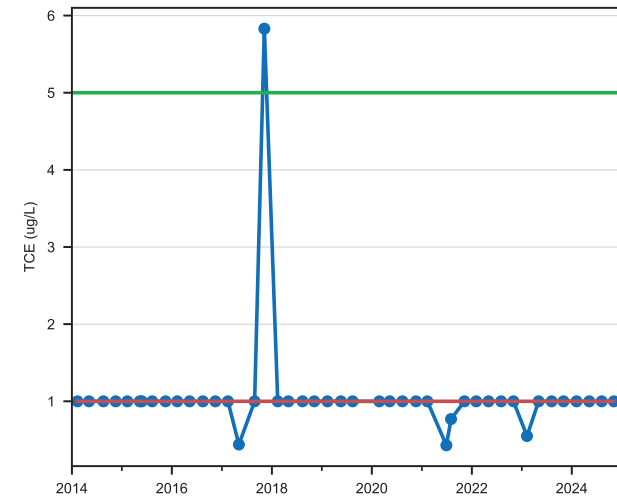
Notes:

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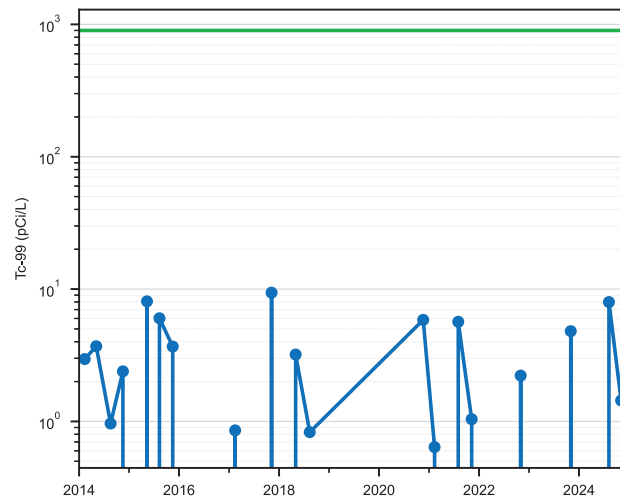
Technetium-99



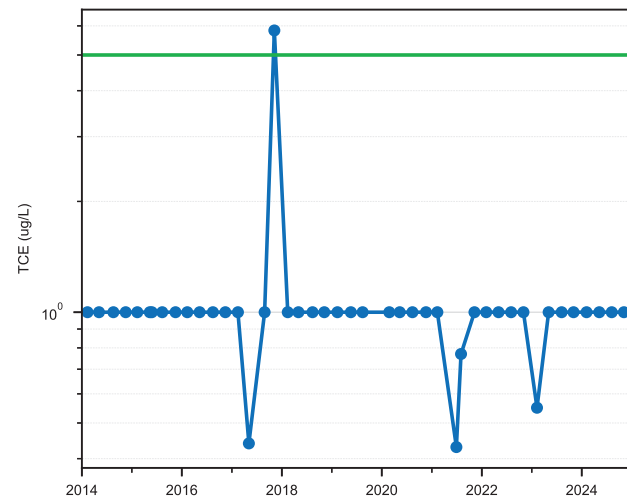
Trichloroethene



Technetium-99



Trichloroethene



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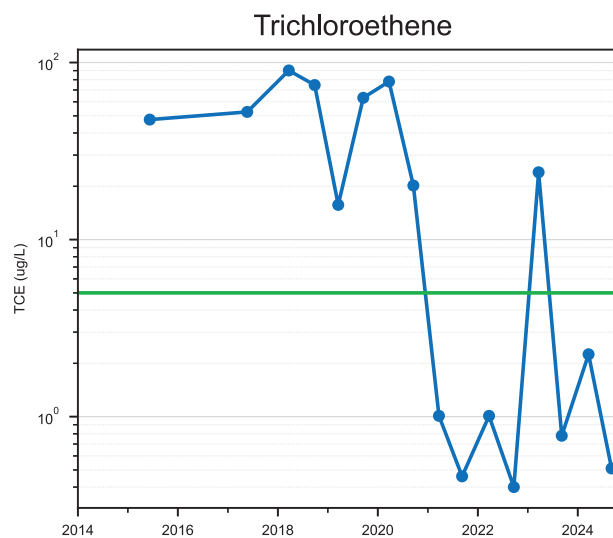
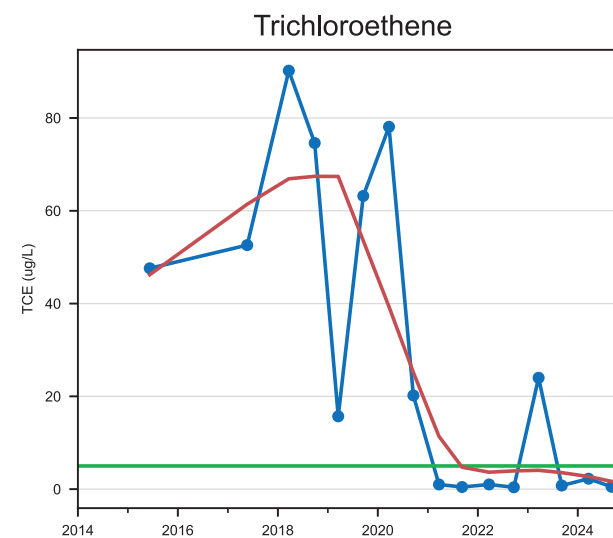
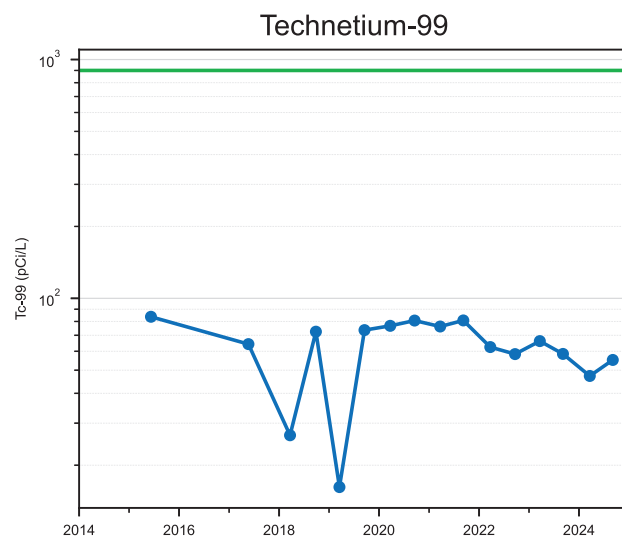
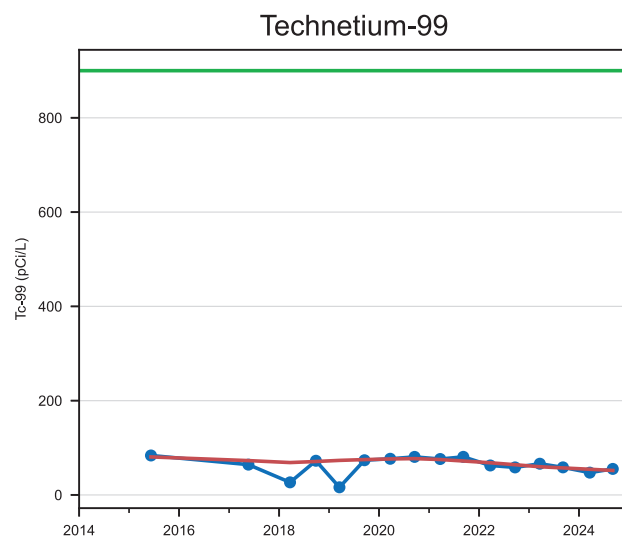
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Figure 12. Tc-99 and TCE at MW134 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
06/10/2015	83.7	47.6
05/22/2017	64.3	52.6
03/22/2018	26.7	90.2
09/27/2018	72.5	74.6
03/18/2019	< 16.2	15.7
09/17/2019	73.6	63.2
03/23/2020	76.7	78.1
09/17/2020	80.7	20.2
03/23/2021	76.2	1.01
09/08/2021	80.8	0.46
03/24/2022	62.5	1.01
09/21/2022	58.4	0.4
03/21/2023	66.2	24.0
09/06/2023	58.5	0.78
03/20/2024	47.3	2.25
09/04/2024	55.2	0.51

Notes:

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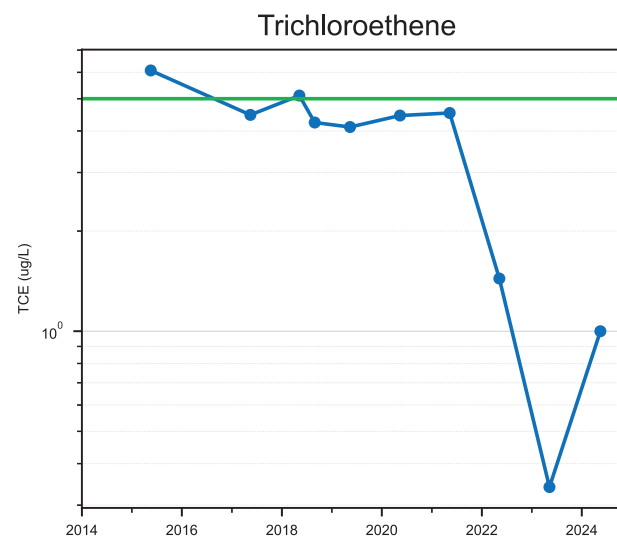
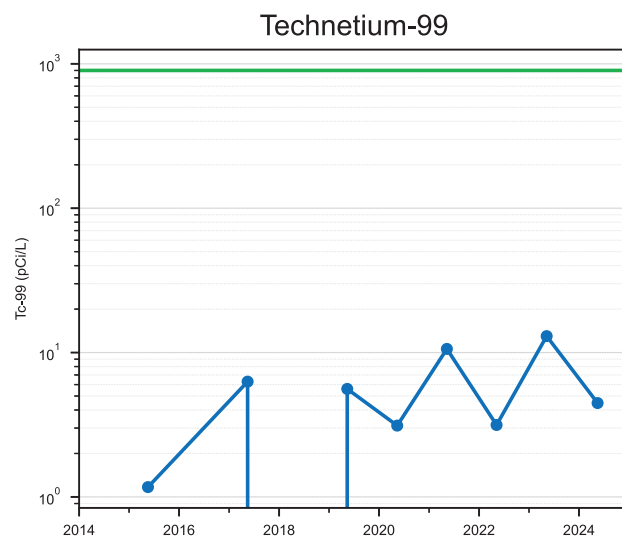
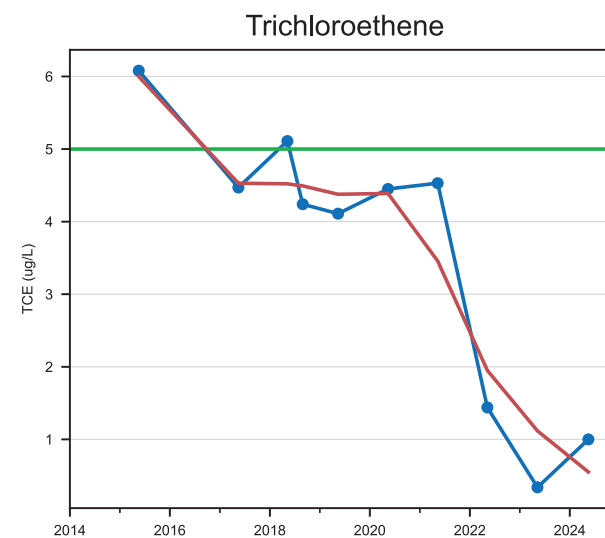
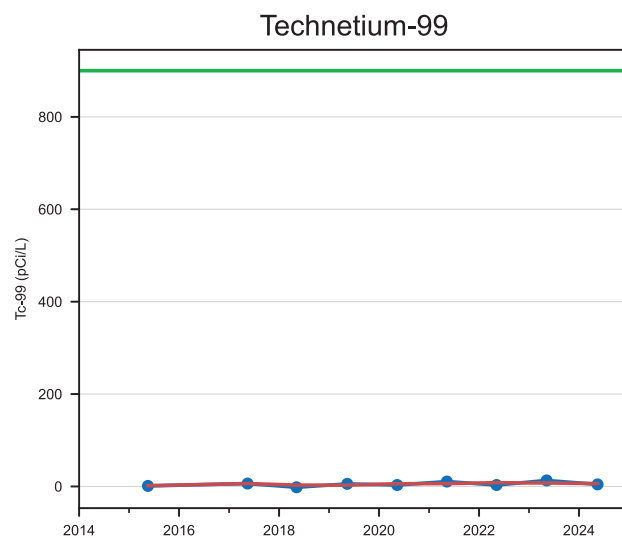

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Figure 13. Tc-99 and TCE at MW135 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/19/2015	< 1.17	6.08
05/16/2017	< 6.29	4.47
05/09/2018	< -1.81	5.11
08/29/2018		4.24
05/14/2019	< 5.6	4.11
05/13/2020	< 3.12	4.45
05/11/2021	< 10.6	4.53
05/09/2022	< 3.15	1.44
05/10/2023	< 13.0	0.34
05/16/2024	< 4.47	< 1.0

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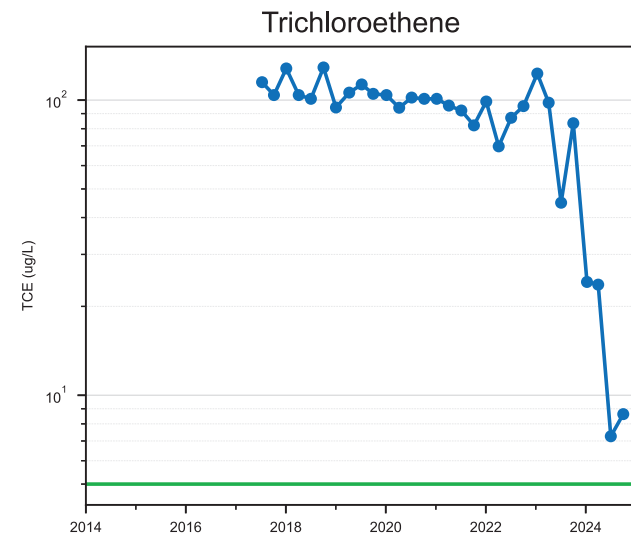
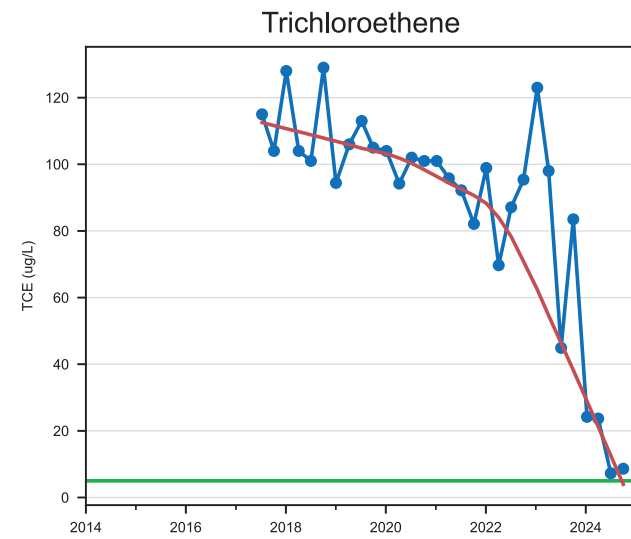
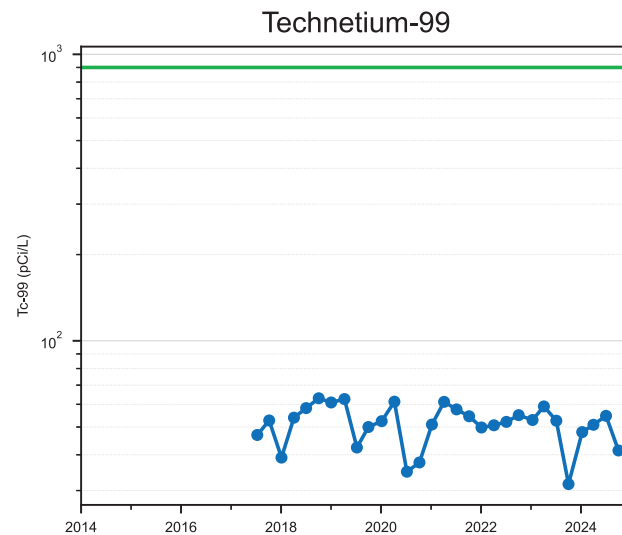
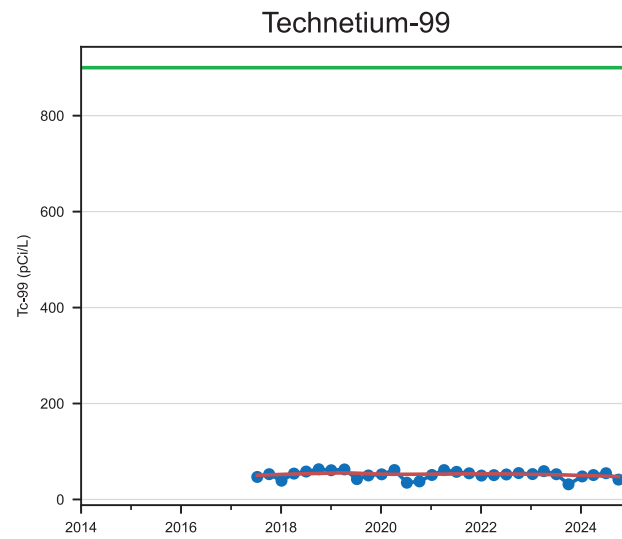
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Figure 14. Tc-99 and TCE at MW139 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
07/11/2017	46.9	115.0
10/06/2017	52.7	104.0
01/04/2018	39.1	128.0
04/05/2018	53.9	104.0
07/03/2018	58.2	101.0
10/03/2018	63.0	129.0
01/02/2019	60.9	94.4
04/09/2019	62.6	106.0
07/09/2019	42.4	113.0
10/01/2019	50.0	105.0
01/06/2020	52.4	104.0
04/08/2020	61.3	94.2
07/08/2020	34.9	102.0
10/08/2020	37.6	101.0
01/07/2021	51.0	101.0
04/06/2021	61.2	95.8
07/06/2021	57.6	92.2
10/06/2021	54.5	82.1
01/04/2022	49.8	98.9
04/05/2022	50.7	69.7
07/05/2022	52.1	87.1
10/03/2022	55.0	95.4
01/12/2023	52.9	123.0
04/05/2023	59.0	98.0
07/05/2023	52.6	44.9
10/02/2023	31.6	83.5
01/10/2024	48.0	24.2
04/01/2024	50.9	23.7
07/02/2024	54.7	7.26
10/01/2024	41.4	8.63

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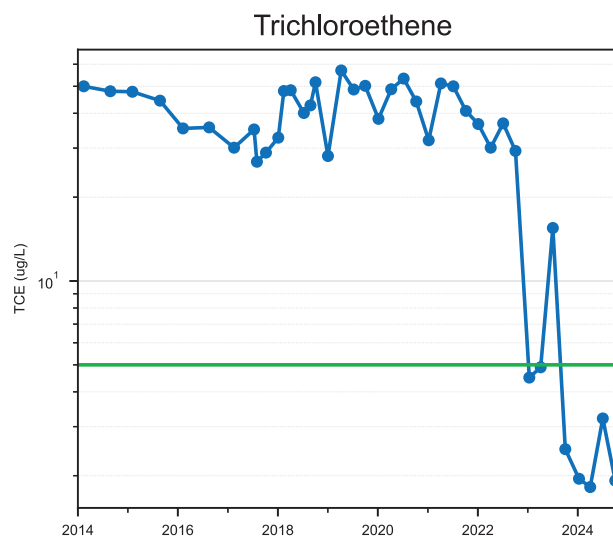
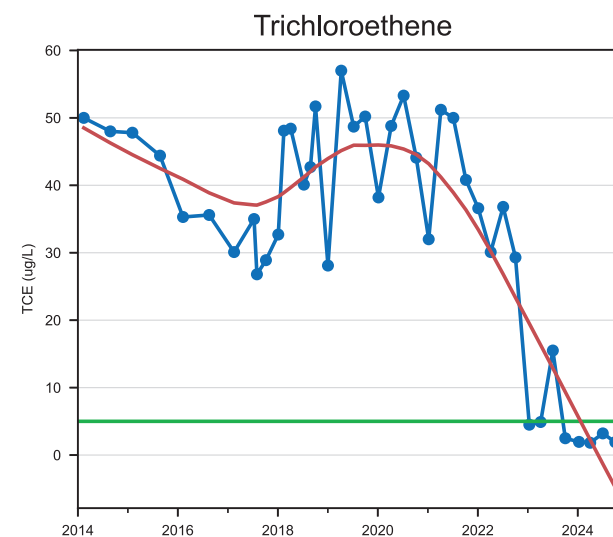
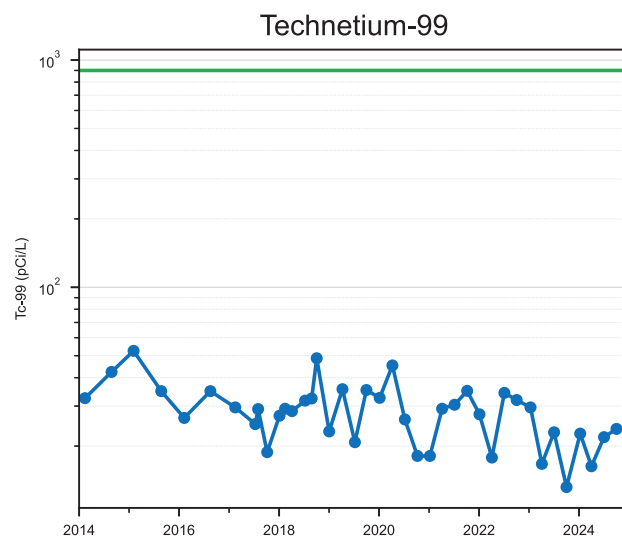
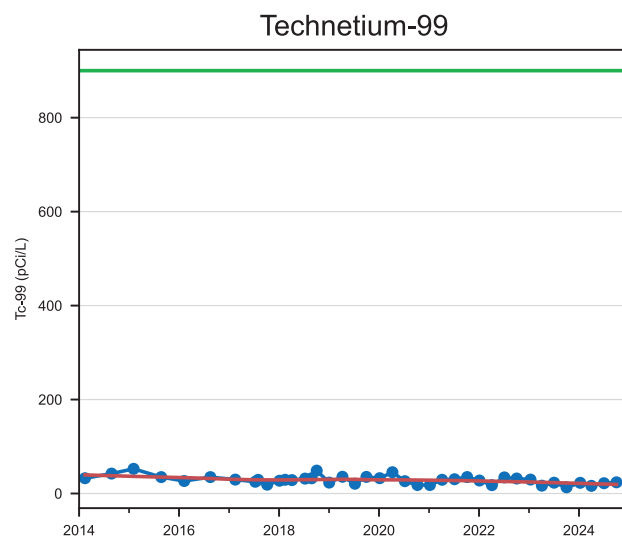
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Figure 15. Tc-99 and TCE at MW144 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/13/2014	32.5	50.0
08/26/2014	42.4	48.0
02/03/2015	52.5	47.8
08/24/2015	34.9	44.4
02/08/2016	26.6	35.3
08/17/2016	34.9	35.6
02/15/2017	29.6	30.1
07/11/2017	25.0	35.0
08/01/2017	29.1	26.8
10/06/2017	18.8	28.9
01/04/2018	27.2	32.7
02/14/2018	29.2	48.1
04/05/2018	28.5	48.4
07/10/2018	31.7	40.1
08/27/2018	32.4	42.7
10/03/2018	48.7	51.7
01/02/2019	23.2	28.1
04/09/2019	35.6	57.0
07/09/2019	20.8	48.7
10/01/2019	35.3	50.2
01/06/2020	32.6	38.2
04/08/2020	45.3	48.8
07/08/2020	26.2	53.3
10/08/2020	18.1	44.1
01/07/2021	18.1	32.0
04/06/2021	29.2	51.2
07/06/2021	30.4	50.0
10/06/2021	35.0	40.8
01/04/2022	27.6	36.6
04/05/2022	17.8	30.1
07/05/2022	34.3	36.8
10/03/2022	31.9	29.3
01/12/2023	29.6	4.5
04/05/2023	16.7	4.9
07/03/2023	23.0	15.5
10/02/2023	13.2	2.49
01/10/2024	22.7	1.95
04/01/2024	16.3	1.82
07/02/2024	21.9	3.21
10/01/2024	23.8	1.92

Notes:

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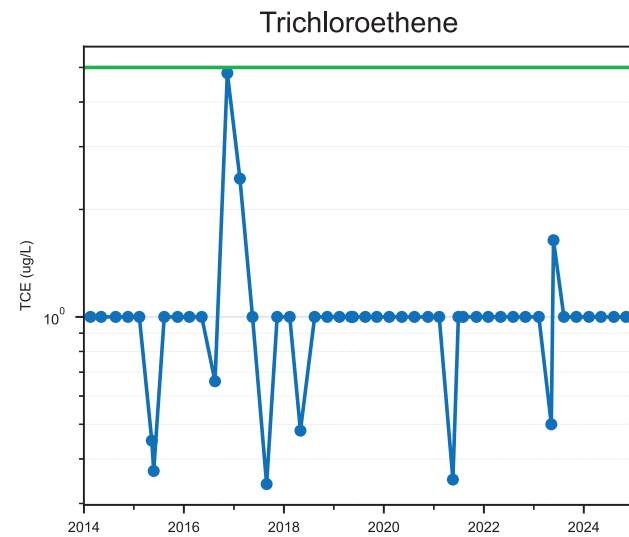
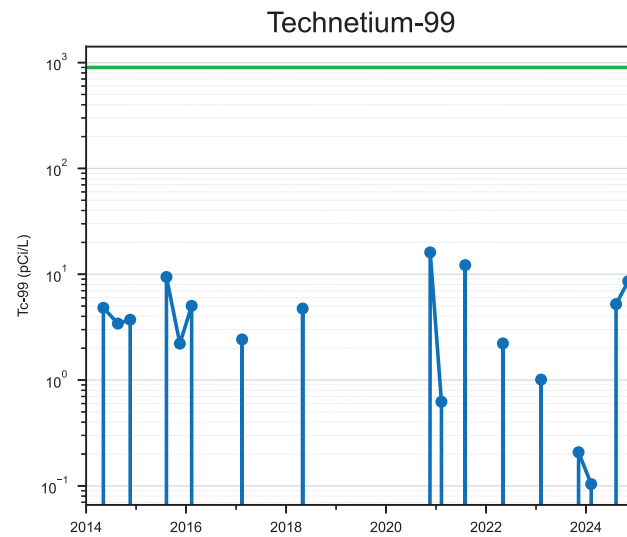
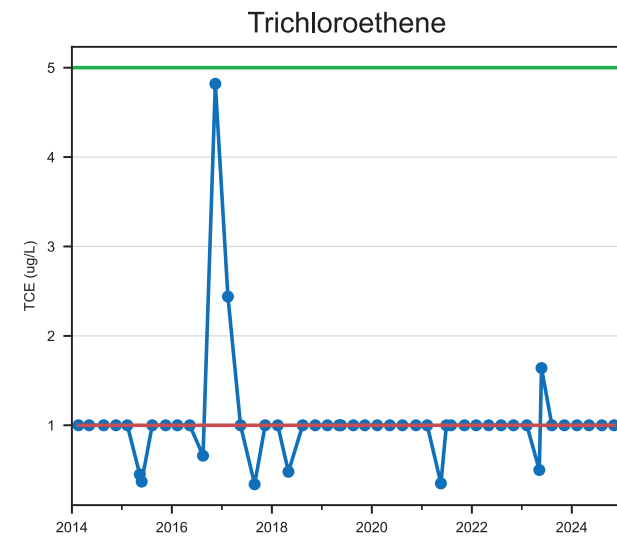
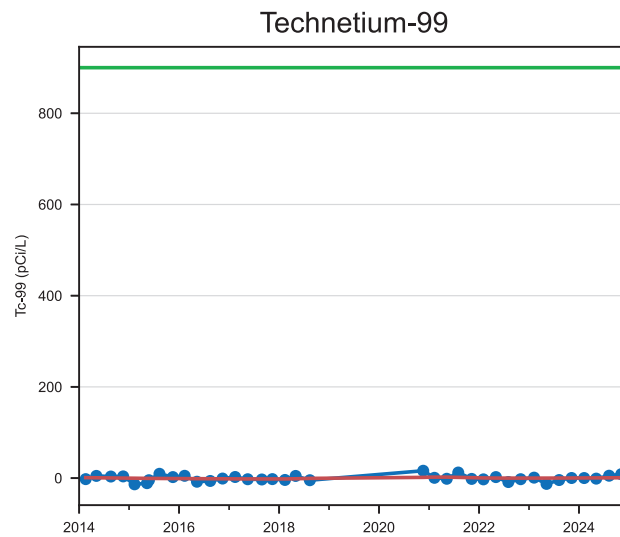
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Figure 16. Tc-99 and TCE at MW145 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/18/2014	< -2,26	< 1,0
05/07/2014	< 4,82	< 1,0
08/21/2014	< 3,42	< 1,0
11/19/2014	< 3,72	< 1,0
02/10/2015	< -13,6	< 1,0
05/12/2015	< -11,1	0,45
05/26/2015	< -4,65	0,37
08/11/2015	< 9,42	< 1,0
11/17/2015	< 2,21	< 1,0
02/11/2016	< 5,03	< 1,0
05/11/2016	< -7,97	< 1,0
08/16/2016	< -6,28	0,66
11/14/2016	< -0,995	4,82
02/14/2017	< 2,42	2,44
05/17/2017	< -2,5	< 1,0
08/28/2017	< -3,03	0,34
11/13/2017	< -2,23	< 1,0
02/13/2018	< -4,07	< 1,0
05/02/2018	< 4,74	0,48
08/14/2018	< -4,65	< 1,0
11/14/2018	< 1,0	< 1,0
02/11/2019	< 1,0	< 1,0
05/06/2019	< 1,0	< 1,0
05/21/2019	< 1,0	< 1,0
08/19/2019	< 1,0	< 1,0
11/11/2019	< 1,0	< 1,0
02/10/2020	< 1,0	< 1,0
05/12/2020	< 1,0	< 1,0
08/12/2020	< 1,0	< 1,0
11/19/2020	< 16,1	< 1,0
02/09/2021	< 0,624	< 1,0
05/10/2021	< -1,47	< 1,0
05/20/2021		0,35
06/29/2021	< 1,0	< 1,0
08/02/2021	< 12,2	< 1,0
11/08/2021	< -1,77	< 1,0
02/02/2022	< -2,76	< 1,0
05/04/2022	< 2,22	< 1,0
08/03/2022	< -8,65	< 1,0
11/01/2022	< -2,41	< 1,0
02/07/2023	< 1,01	< 1,0
05/09/2023	< -12,7	0,5
05/25/2023		1,64
08/09/2023	< -4,27	< 1,0
11/08/2023	< 0,208	< 1,0
02/08/2024	< 0,104	< 1,0
05/06/2024	< -1,16	< 1,0
08/08/2024	< 5,22	< 1,0
11/05/2024	< 8,6	< 1,0



Notes:

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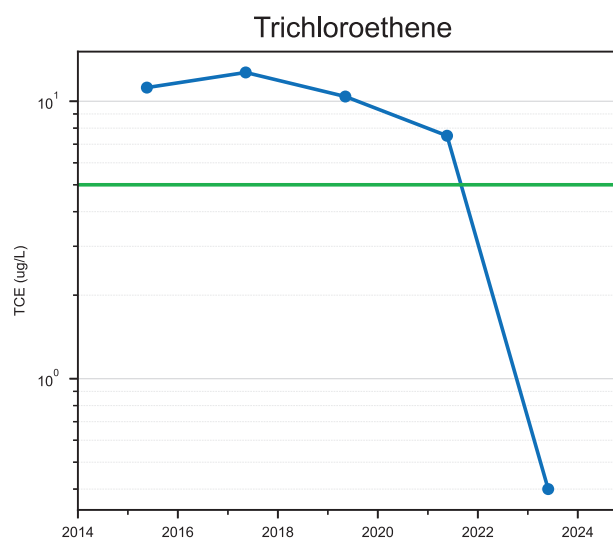
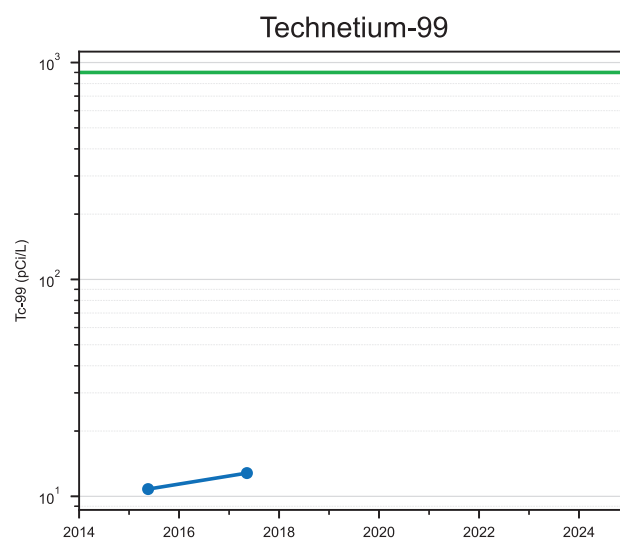
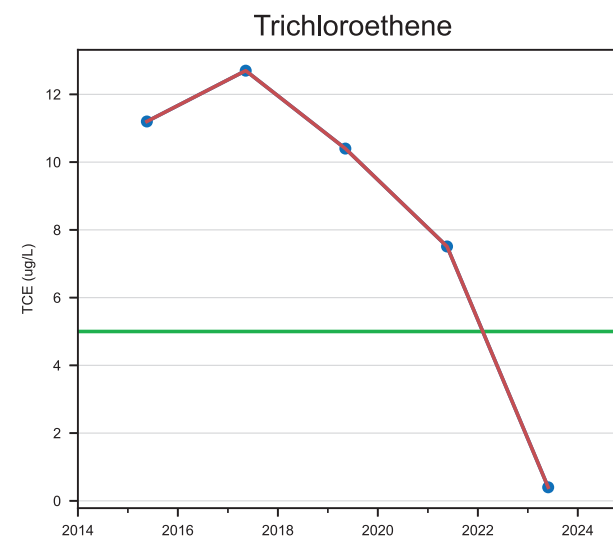
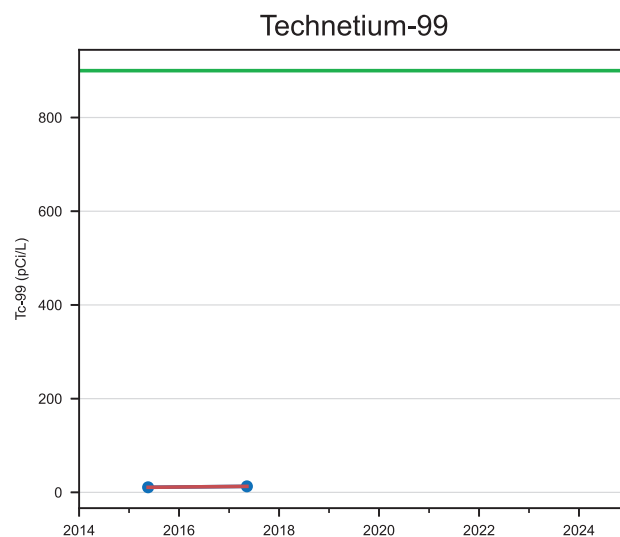
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Figure 17. Tc-99 and TCE at MW146 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/20/2015	< 10.8	11.2
05/11/2017	< 12.8	12.7
05/09/2019		10.4
05/21/2021		7.51
05/30/2023		0.4



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Figure 18. Tc-99 and TCE at MW148 (MRGA)

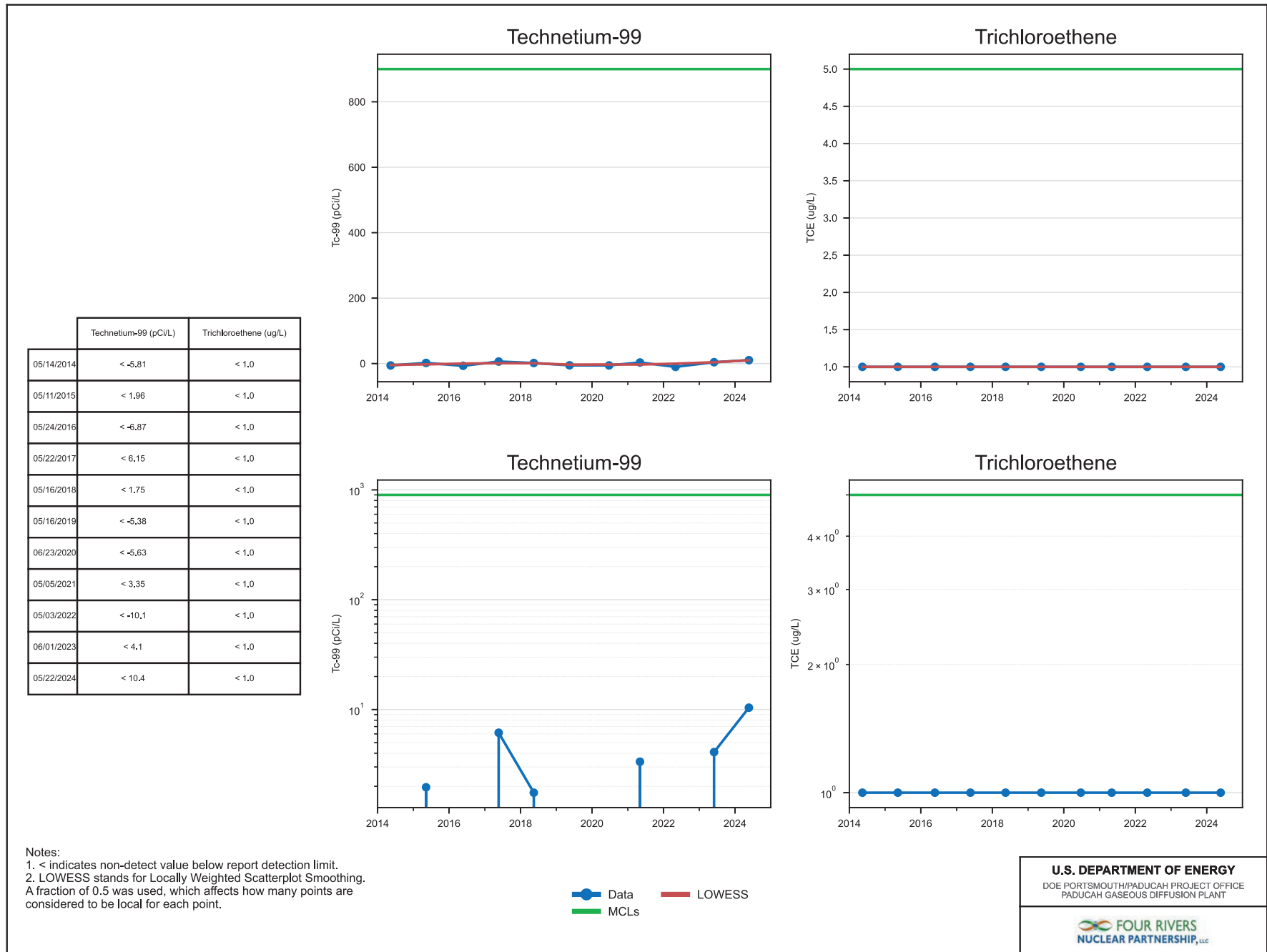
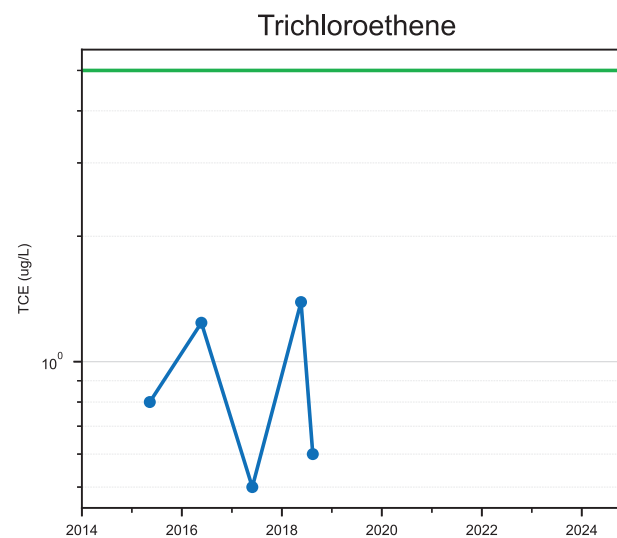
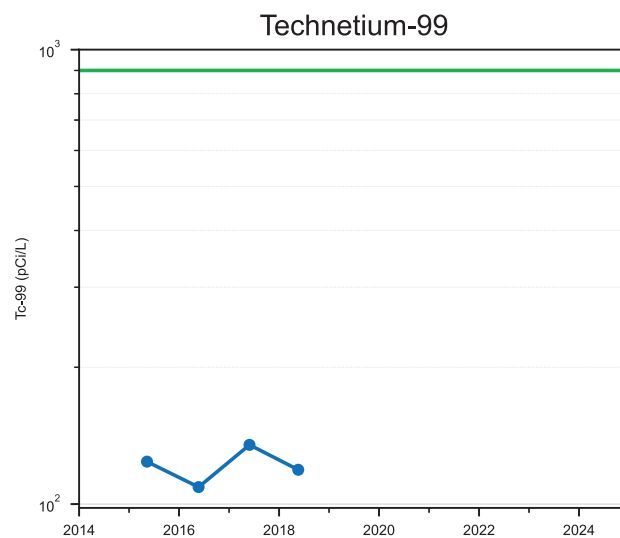
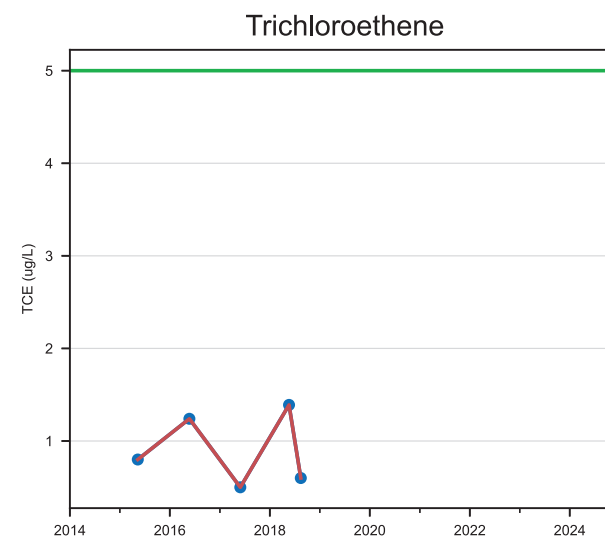
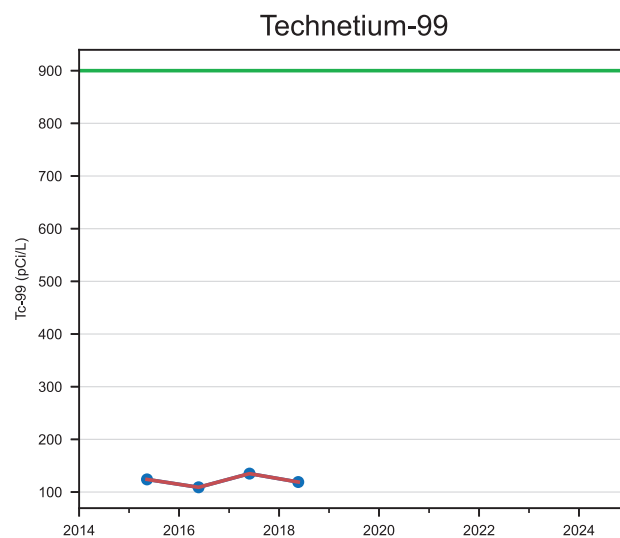


Figure 19. Tc-99 and TCE at MW150 (LRGA)

Source: Trend_Plots_V1.ipynb

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/12/2015	124,0	0,8
05/23/2016	109,0	1,24
05/30/2017	135,0	0,5
05/21/2018	119,0	1,39
08/15/2018		0,6



Notes:

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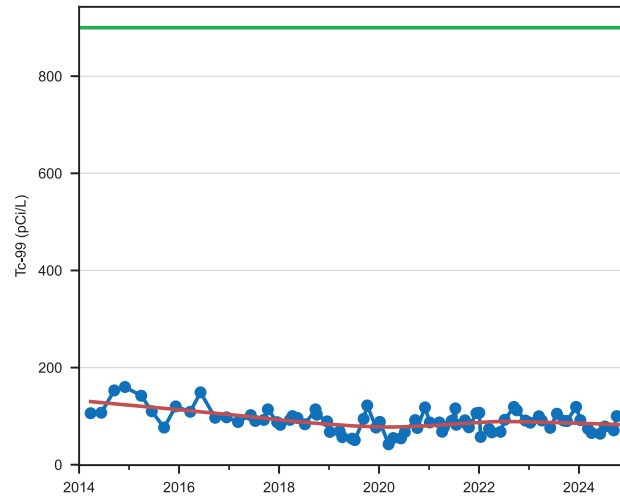
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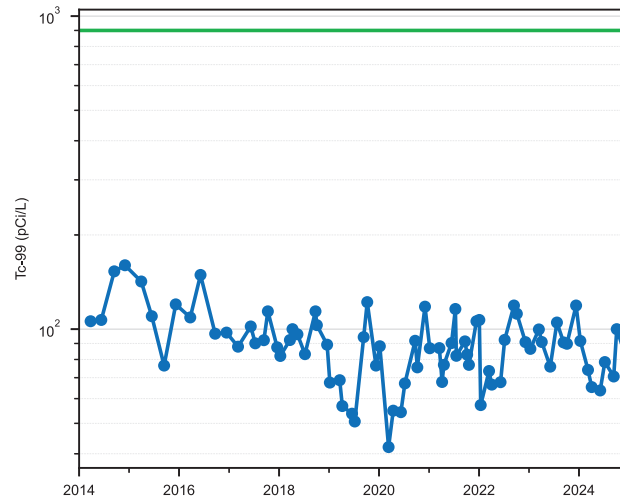
Figure 20. Tc-99 and TCE at MW152 (RGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/26/2014	105.0	1900.0
06/12/2014	107.0	1590.0
09/15/2014	153.0	1850.0
12/02/2014	160.0	817.0
03/31/2015	142.0	583.0
06/16/2015	110.0	2500.0
09/14/2015	75.5	4560.0
12/08/2015	120.0	4110.0
03/23/2016	109.0	3760.0
06/06/2016	149.0	5370.0
09/21/2016	96.7	5800.0
12/13/2016	97.5	6320.0
03/07/2017	87.9	8160.0
06/08/2017	102.0	6840.0
07/11/2017	90.1	7650.0
09/12/2017	92.2	9830.0
10/11/2017	114.0	4470.0
12/18/2017	87.5	5260.0
01/10/2018	82.1	10300.0
03/21/2018	92.3	6370.0
04/09/2018	100.0	5450.0
05/15/2018	96.3	6950.0
07/09/2018	83.2	3550.0
09/24/2018	114.0	2250.0
10/04/2018	103.0	3970.0
12/18/2018	89.2	3550.0
01/07/2019	67.5	6800.0
03/20/2019	68.7	7230.0
04/09/2019	56.8	7160.0
06/18/2019	53.7	5240.0
07/08/2019	50.7	5260.0
09/11/2019	94.3	
09/17/2019		2970.0
10/07/2019	122.0	2780.0
12/10/2019	75.5	3750.0
01/07/2020	88.2	2900.0
03/11/2020	42.0	5470.0
04/14/2020	54.9	4200.0
06/09/2020	54.3	4420.0
07/08/2020	67.1	3460.0
09/21/2020	91.8	2940.0
10/07/2020	75.5	3260.0
12/02/2020	118.0	3030.0
01/06/2021	86.9	2040.0
03/17/2021	87.0	3150.0
04/09/2021	67.8	3860.0
04/19/2021	76.9	2300.0
06/14/2021	90.3	3340.0
07/12/2021	116.0	2310.0
07/19/2021	82.2	2510.0
09/20/2021	91.4	3230.0
10/06/2021	82.9	2410.0
10/19/2021	76.9	3290.0
12/13/2021	106.0	1690.0
01/03/2022	107.0	1010.0
01/13/2022	57.2	4570.0
03/15/2022	73.5	4660.0
04/04/2022	66.5	3650.0
06/07/2022	67.7	3230.0
07/07/2022	92.4	4740.0
09/13/2022	119.0	4900.0
10/04/2022	112.0	1180.0
12/08/2022	90.9	3320.0
01/11/2023	86.5	3540.0
03/14/2023	99.8	2420.0
04/04/2023	91.0	11100.0
06/05/2023	75.9	10900.0
07/24/2023	105.0	919.0
09/11/2023	90.7	3150.0
10/05/2023	89.8	4590.0
12/11/2023	119.0	1440.0
01/11/2024	91.7	3650.0
03/07/2024	74.1	5770.0
04/03/2024	65.3	4980.0
06/04/2024	63.7	3500.0
07/08/2024	78.5	3770.0
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10/03/2024	100.0	1490.0
12/10/2024	81.3	2480.0

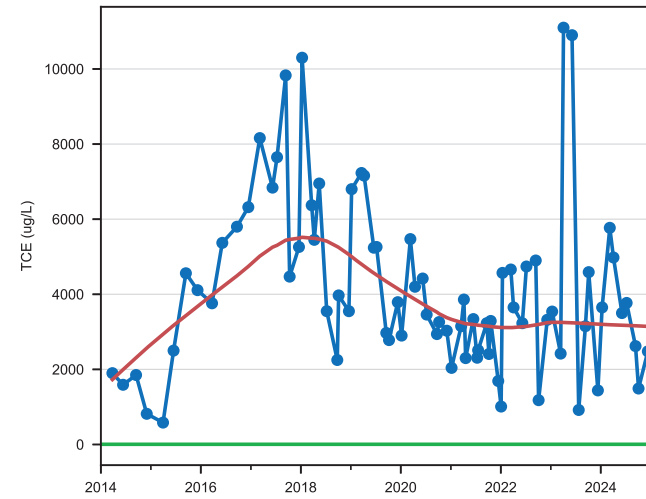
Technetium-99



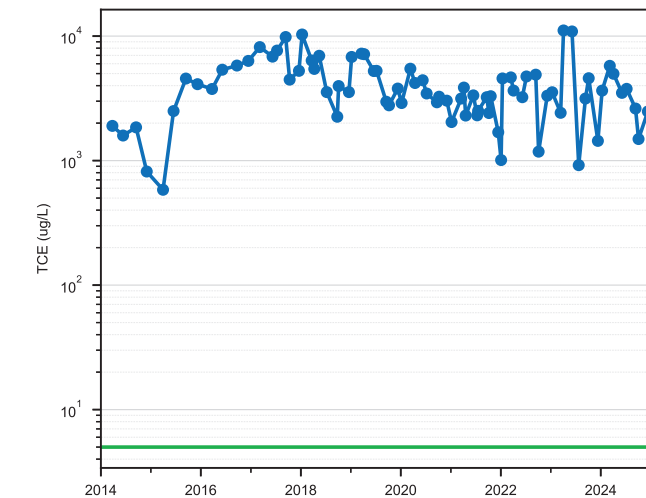
Technetium-99



Trichloroethene



Trichloroethene



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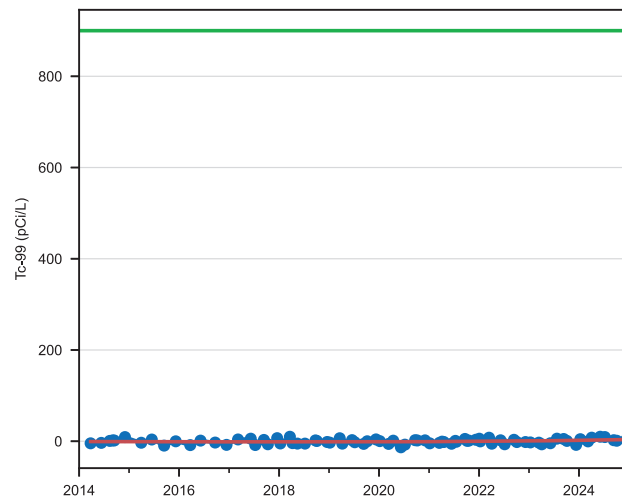
Figure 21. Tc-99 and TCE at MW155 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/28/2014	< -4.56	37000.0
06/12/2014	< -3.61	81800.0
08/13/2014	< 0.723	50000.0
09/03/2014	< 1.81	57000.0
09/15/2014	< 1.62	56500.0
12/02/2014	< 1.1	9250.0
03/31/2015	< -3.32	3390.0
06/16/2015	< 3.72	9720.0
09/14/2015	< -0.6	1190.0
12/08/2015	< -0.175	14100.0
03/23/2016	< -4.5	15100.0
06/06/2016	< 1.33	14600.0
09/21/2016	< -2.91	12500.0
12/13/2016	< -7.97	2140.0
03/07/2017	< 3.88	15000.0
06/08/2017	< 5.59	11800.0
07/11/2017	< -8.3	13800.0
09/12/2017	< 2.86	13100.0
10/11/2017	< -5.64	16700.0
12/18/2017	< 6.73	8910.0
01/10/2018	< -4.91	15100.0
03/21/2018	< 9.83	10200.0
04/09/2018	< -4.14	6580.0
05/15/2018	< -5.19	7090.0
07/09/2018	< -5.22	5020.0
09/24/2018	< 1.84	2210.0
10/04/2018	< 0.537	3200.0
12/18/2018	< -1.65	1940.0
01/07/2019	< -3.11	3350.0
03/20/2019	< 6.56	2570.0
04/08/2019	< -5.27	1850.0
06/18/2019	< 2.42	1460.0
07/08/2019	< -2.24	1150.0
09/11/2019	< -5.8	
09/17/2019		1240.0
10/07/2019	< -0.0844	1430.0
12/10/2019	< 4.0	2380.0
01/07/2020	< 0.239	2230.0
03/11/2020	< -5.89	2940.0
04/14/2020	< 1.23	2230.0
06/09/2020	< -13.3	1970.0
07/08/2020	< -7.48	1870.0
09/21/2020	< 2.3	3020.0
10/07/2020	< 1.68	3040.0
12/02/2020	< 1.94	3380.0
01/06/2021	< -4.61	3120.0
03/17/2021	< -3.63	4510.0
04/06/2021	< -0.885	5150.0
04/19/2021	< -1.76	4670.0
06/14/2021	< -5.51	4540.0
07/12/2021	< 0.795	5680.0
07/19/2021	< -1.12	6410.0
09/20/2021	< 5.02	4580.0
10/06/2021	< 0.799	5350.0
10/19/2021	< 1.36	5700.0
12/08/2021	< -3.21	2860.0
01/03/2022	< 5.82	4760.0
01/10/2022	< -0.317	5080.0
03/15/2022	< 7.73	5880.0
04/04/2022	< -5.4	5660.0
06/07/2022	< 2.06	4770.0
07/07/2022	< -6.65	4670.0
09/13/2022	< 3.14	3930.0
10/04/2022	< -1.79	3460.0
12/06/2022	< -1.76	3640.0
01/11/2023	< -2.63	3090.0
03/14/2023	< -5.1	2070.0
04/04/2023	< -6.75	3250.0
06/06/2023	< -4.41	3030.0
07/24/2023	< 5.63	2140.0
09/11/2023	< 4.91	2150.0
10/05/2023	< 0.706	1480.0
12/11/2023	< -7.96	1650.0
01/11/2024	< 4.49	1560.0
03/07/2024	< -0.333	1630.0
04/03/2024	< 7.82	1610.0
06/04/2024	< 9.86	1530.0
07/08/2024	< 9.16	1760.0
09/11/2024	< 2.26	1570.0
10/03/2024	< 1.09	1250.0
12/10/2024	< 2.74	1110.0

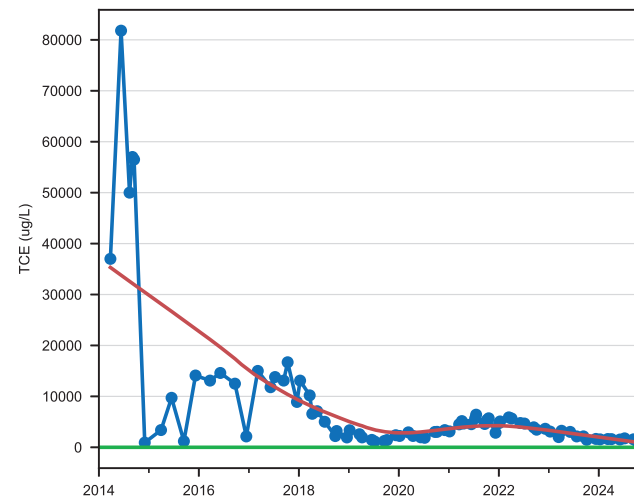
Notes:

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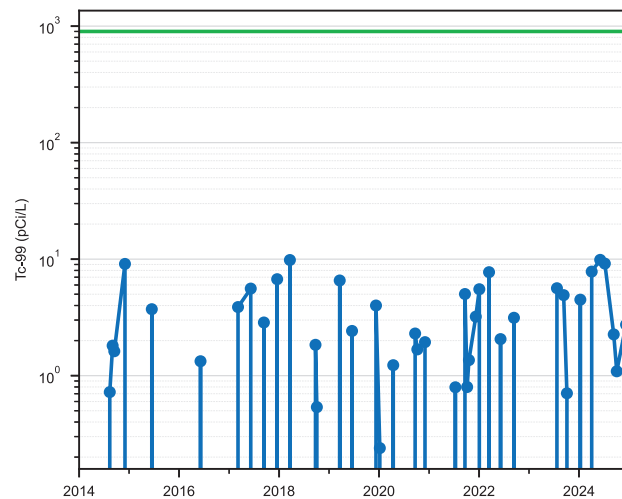
Technetium-99



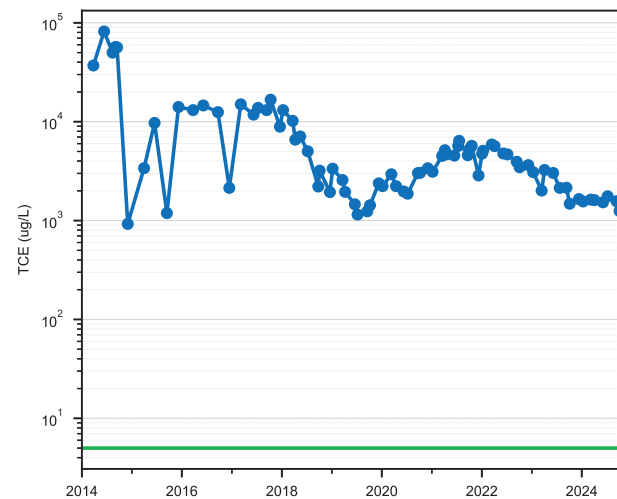
Trichloroethene



Technetium-99



Trichloroethene



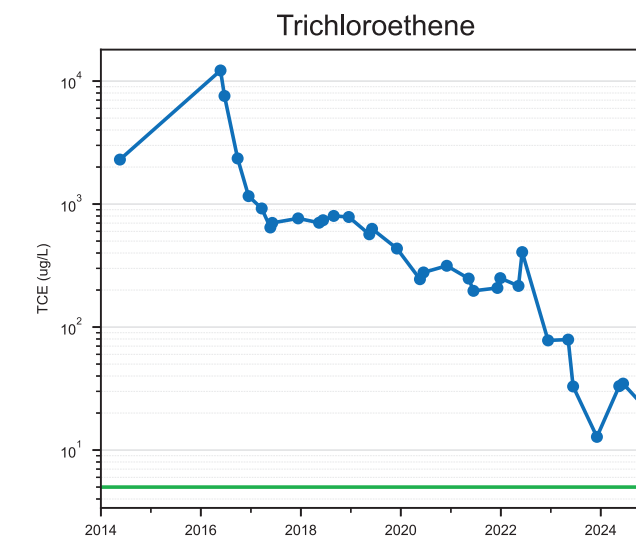
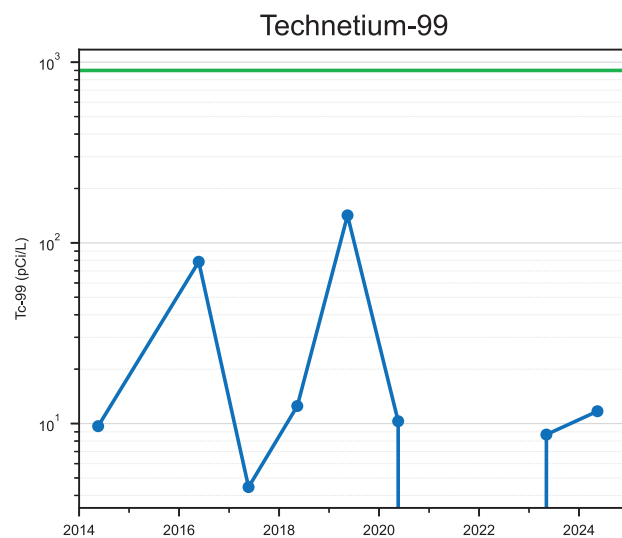
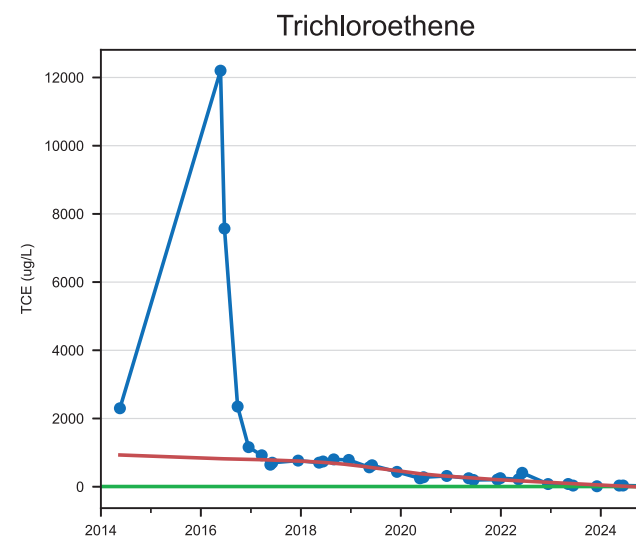
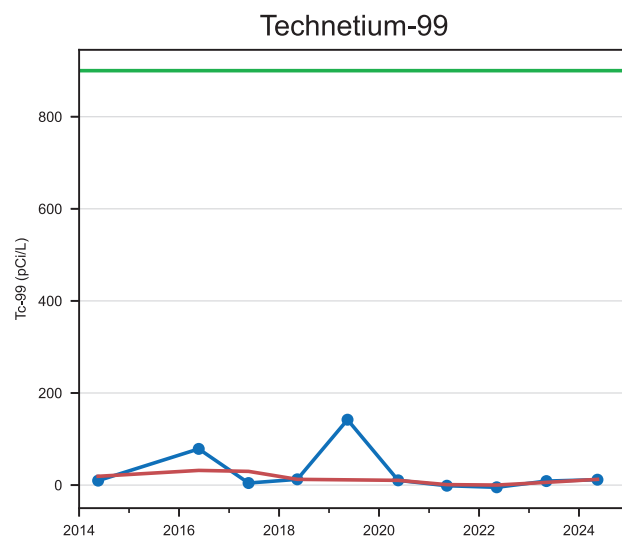
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Figure 22. Tc-99 and TCE at MW156 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/20/2014	< 9.67	2300.0
05/24/2016	78.6	12200.0
06/22/2016		7570.0
09/26/2016		2350.0
12/15/2016		1160.0
03/21/2017		921.0
05/23/2017	< 4.45	645.0
06/06/2017		703.0
12/12/2017		765.0
05/14/2018	< 12.5	705.0
06/12/2018		739.0
08/29/2018		801.0
12/17/2018		785.0
05/16/2019	142.0	568.0
06/05/2019		629.0
12/04/2019		435.0
05/20/2020	< 10.3	245.0
06/15/2020		278.0
12/02/2020		315.0
05/11/2021	< -1.38	248.0
06/15/2021		197.0
12/07/2021		208.0
12/28/2021		250.0
05/10/2022	< -4.8	216.0
06/06/2022		407.0
12/12/2022		77.9
05/08/2023	< 8.69	79.1
06/13/2023		32.9
12/04/2023		12.8
05/15/2024	< 11.7	33.1
06/12/2024		34.7
12/02/2024		21.4



Notes:

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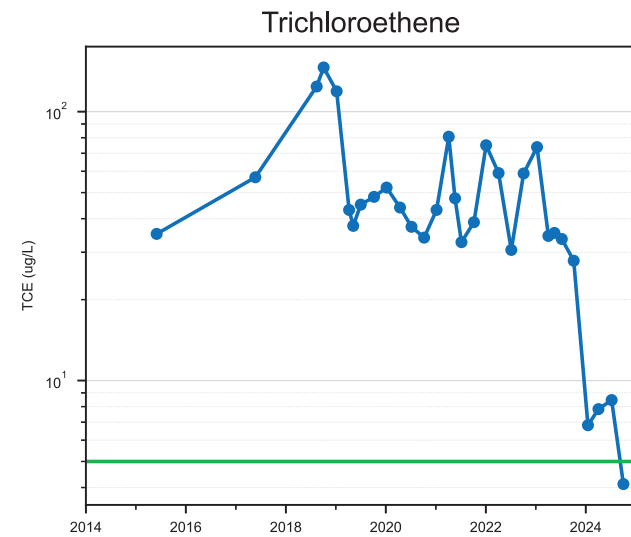
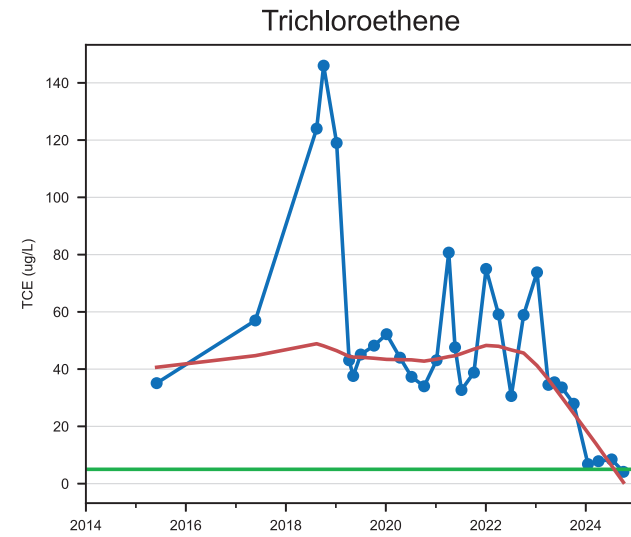
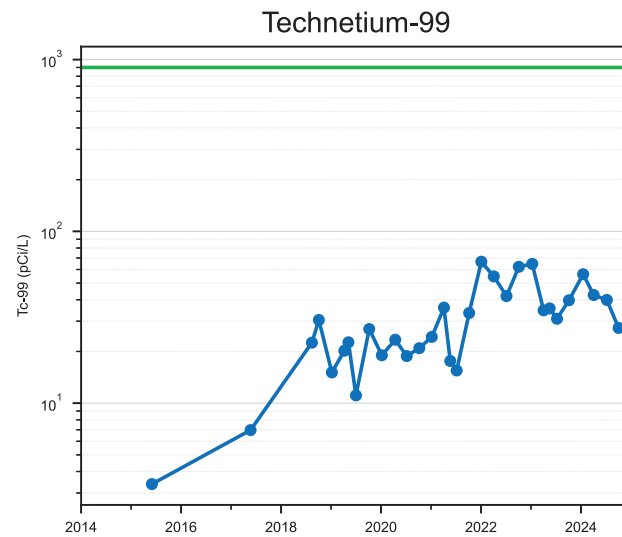
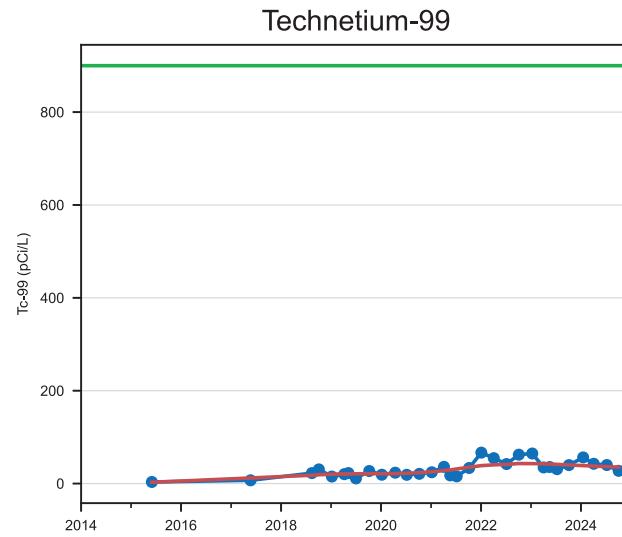
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Figure 23. Tc-99 and TCE at MW161 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
06/02/2015	< 3.38	35.1
05/23/2017	< 6.97	57.0
08/14/2018	22.5	124.0
10/04/2018	30.5	146.0
01/07/2019	15.1	119.0
04/08/2019	20.2	43.1
05/08/2019	22.6	37.6
07/02/2019	< 11.1	45.1
10/07/2019	27.0	48.2
01/07/2020	19.0	52.2
04/14/2020	23.4	44.0
07/07/2020	18.8	37.3
10/07/2020	20.9	34.0
01/06/2021	24.3	43.1
04/05/2021	36.0	80.7
05/21/2021	< 17.6	47.6
07/07/2021	15.5	32.7
10/06/2021	33.5	38.8
01/03/2022	66.6	75.0
04/04/2022	54.7	59.1
07/06/2022	42.0	30.6
10/04/2022	62.2	58.9
01/10/2023	64.7	73.8
04/03/2023	34.7	34.5
05/17/2023	35.6	35.4
07/10/2023	31.0	33.6
10/05/2023	39.7	27.9
01/17/2024	56.3	6.82
04/03/2024	42.6	7.83
07/08/2024	39.9	8.46
10/02/2024	27.4	4.12

Notes:

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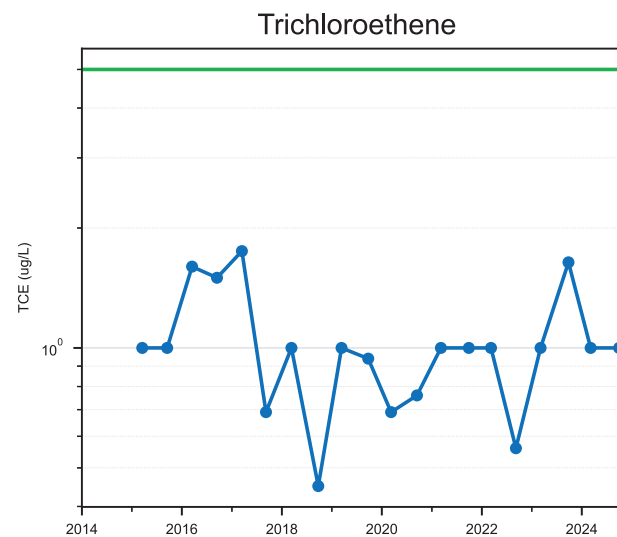
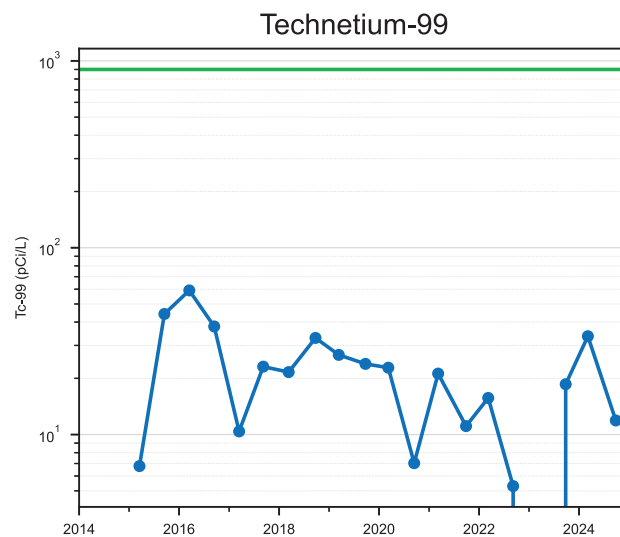
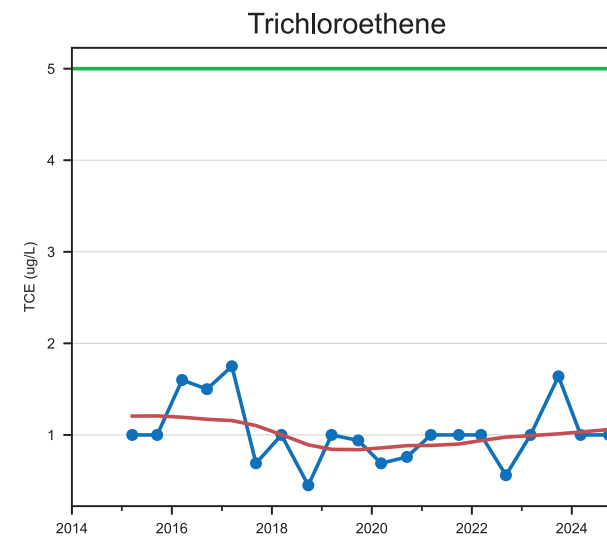
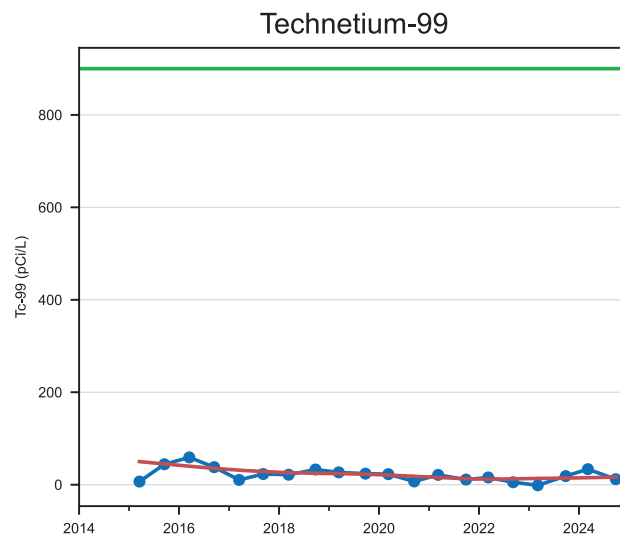
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Figure 24. Tc-99 and TCE at MW163 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/18/2015	< 6.78	< 1.0
09/16/2015	44.2	< 1.0
03/16/2016	59.1	1.6
09/14/2016	37.9	1.5
03/15/2017	< 10.4	1.75
09/07/2017	23.1	0.69
03/12/2018	21.6	< 1.0
09/24/2018	32.9	0.45
03/13/2019	26.7	< 1.0
09/24/2019	23.9	0.94
03/09/2020	22.8	0.69
09/14/2020	< 7.03	0.76
03/08/2021	21.2	< 1.0
09/28/2021	< 11.1	< 1.0
03/09/2022	15.7	< 1.0
09/07/2022	< 5.3	0.56
03/06/2023	< 1.29	< 1.0
09/26/2023	18.6	1.64
03/06/2024	33.6	< 1.0
09/26/2024	11.9	
09/30/2024		< 1.0

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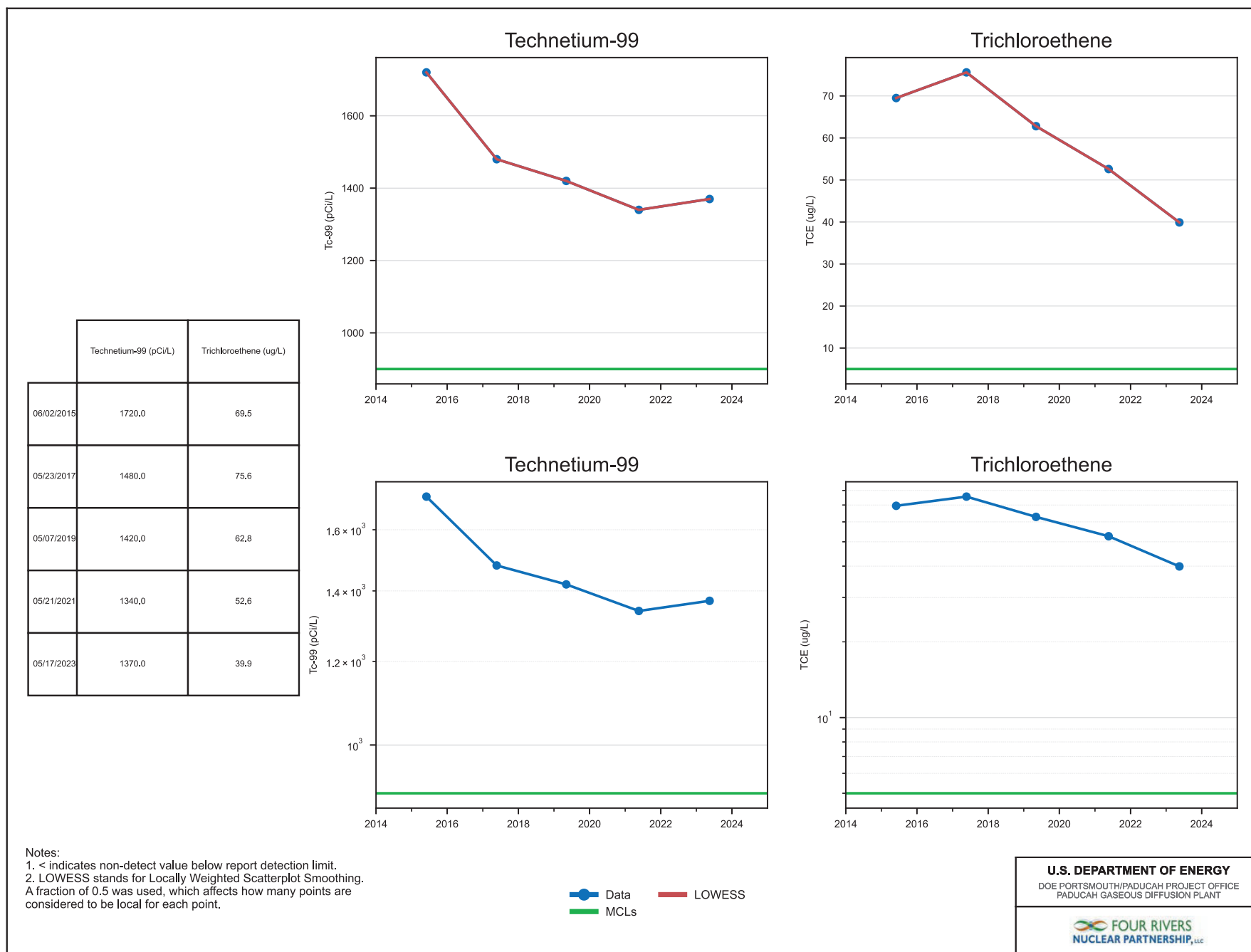


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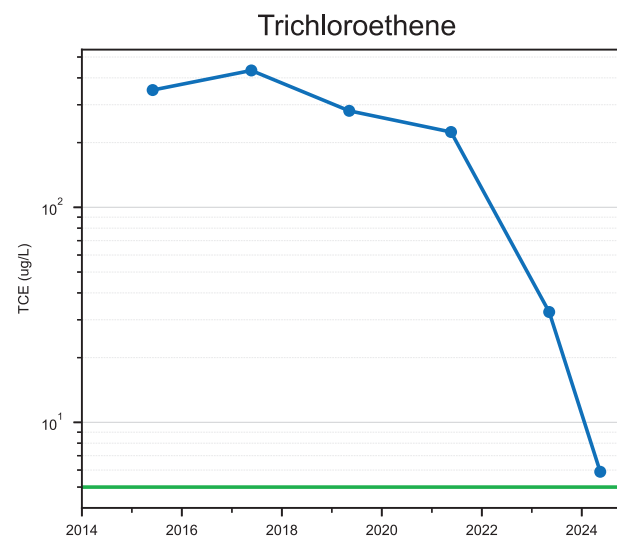
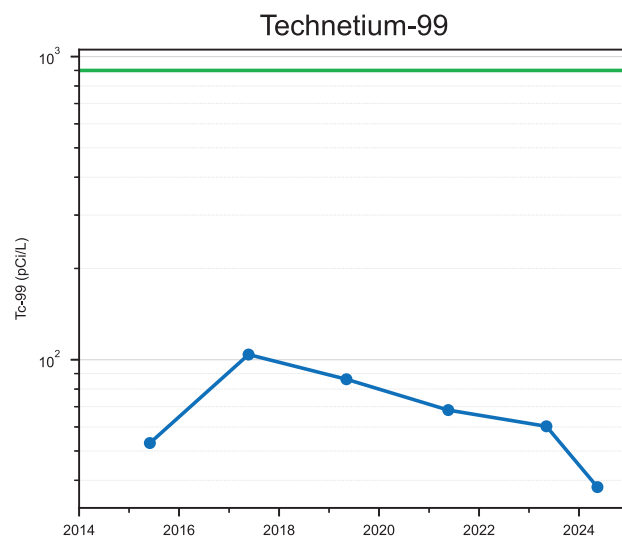
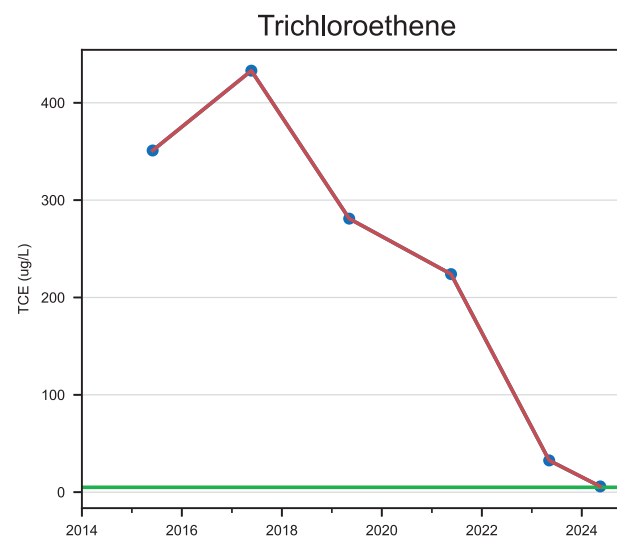
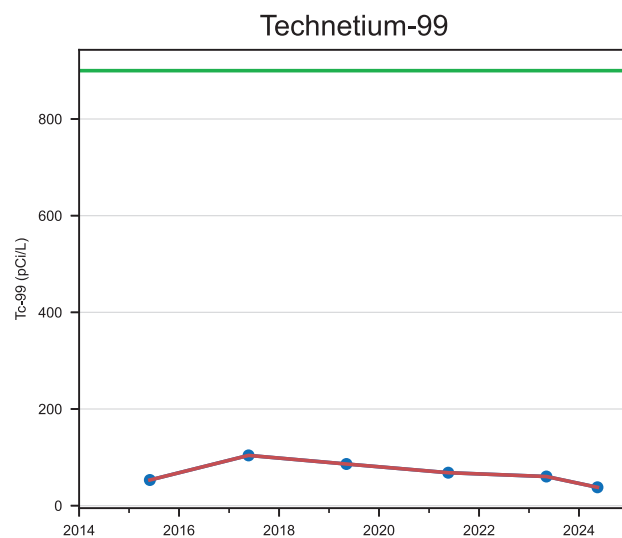
Figure 25. Tc-99 and TCE at MW165A (URGA)



Source: Trend_Plots_V1.ipynb

Figure 26. Tc-99 and TCE at MW168 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
06/02/2015	53.1	351.0
05/23/2017	104.0	433.0
05/08/2019	86.2	281.0
05/21/2021	68.2	224.0
05/08/2023	60.3	32.6
05/15/2024	38.0	5.89



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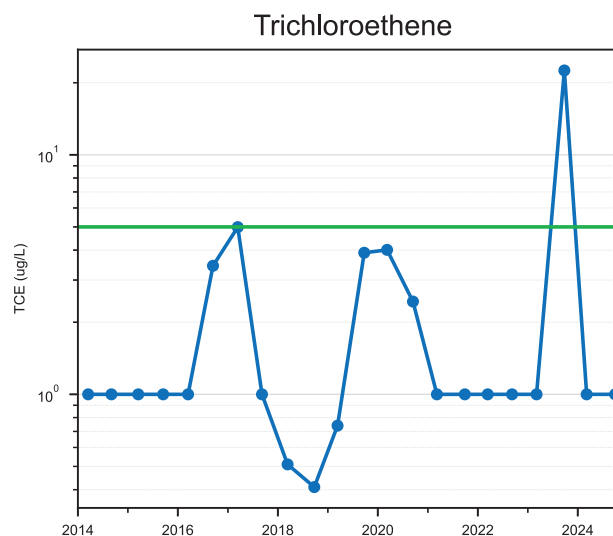
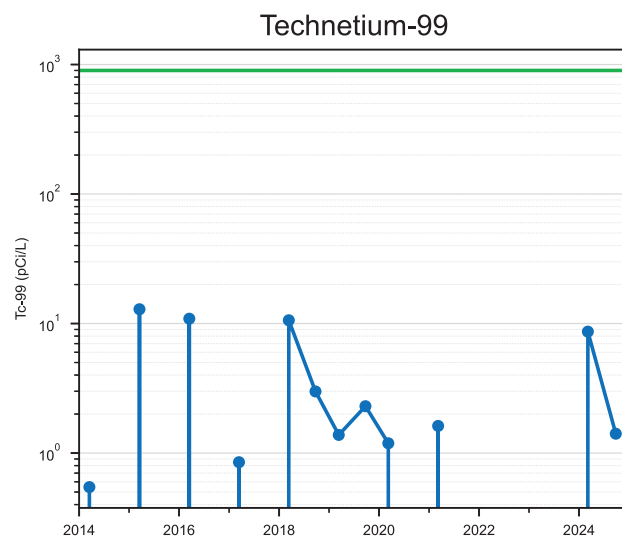
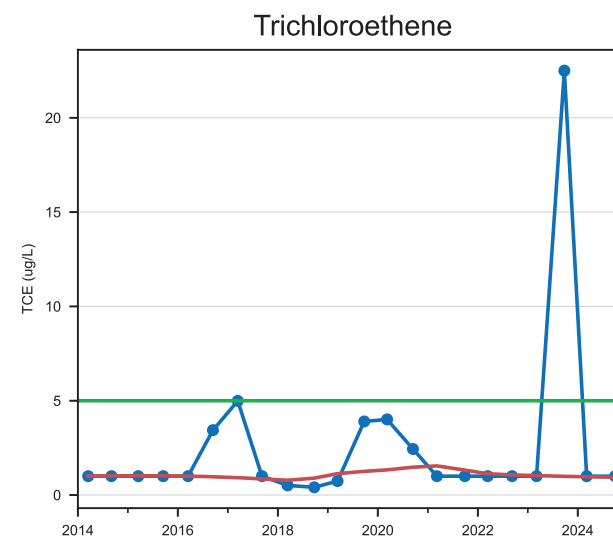
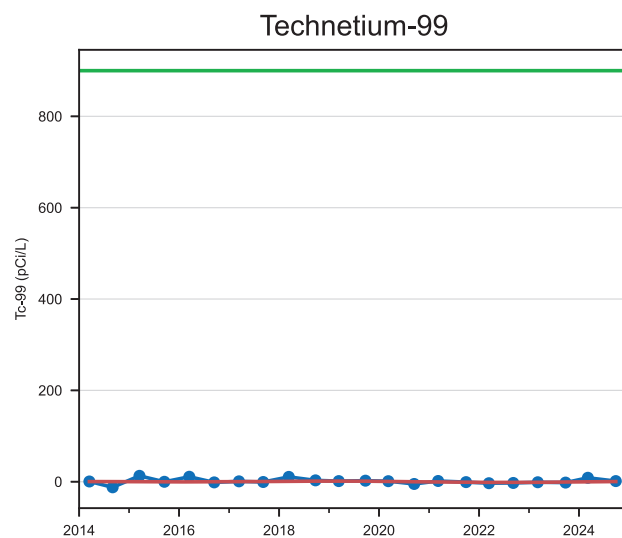
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Figure 27. Tc-99 and TCE at MW169 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/17/2014	< 0,546	< 1,0
09/03/2014	< -12,2	< 1,0
03/18/2015	< 12,9	< 1,0
09/16/2015	< -0,146	< 1,0
03/16/2016	< 10,9	< 1,0
09/14/2016	< -1,45	3,44
03/14/2017	< 0,85	4,99
09/07/2017	< -0,601	< 1,0
03/13/2018	< 10,6	0,51
09/24/2018	< 2,99	0,41
03/13/2019	< 1,38	0,74
09/24/2019	< 2,3	3,9
03/09/2020	< 1,19	4,01
09/14/2020	< -4,9	2,44
03/08/2021	< 1,62	< 1,0
09/28/2021	< -0,854	< 1,0
03/14/2022	< -3,24	< 1,0
09/08/2022	< -2,7	< 1,0
03/06/2023	< -1,15	< 1,0
09/25/2023	< -1,89	22,5
03/06/2024	< 8,66	< 1,0
09/26/2024	< 1,41	
09/30/2024		< 1,0

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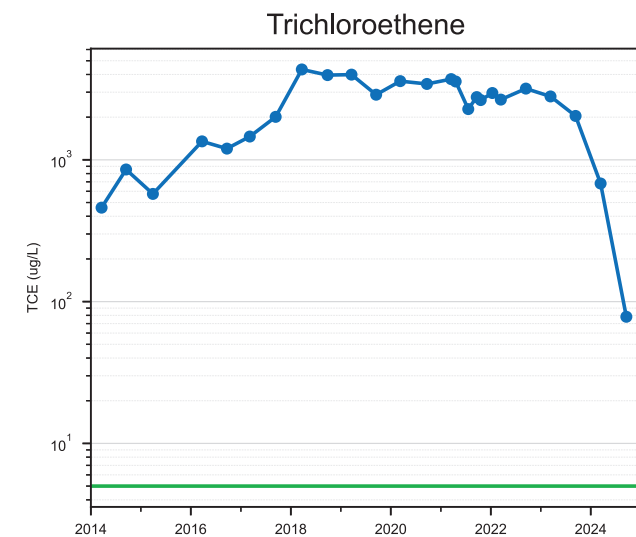
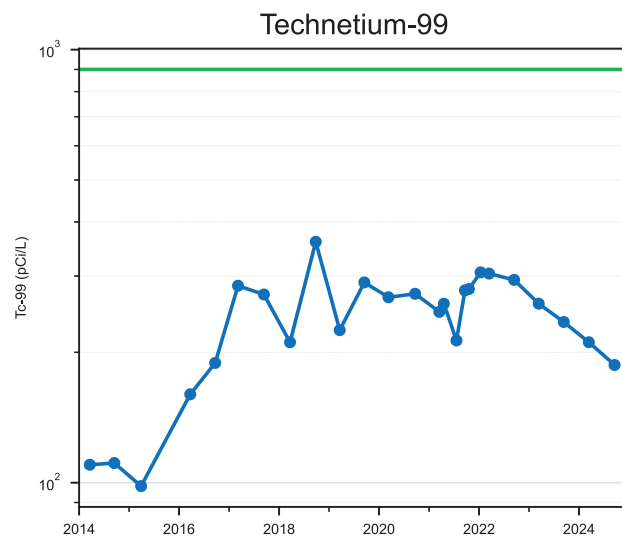
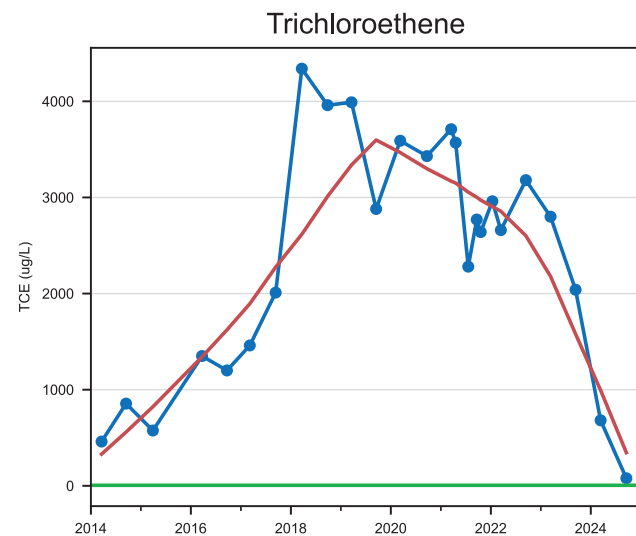
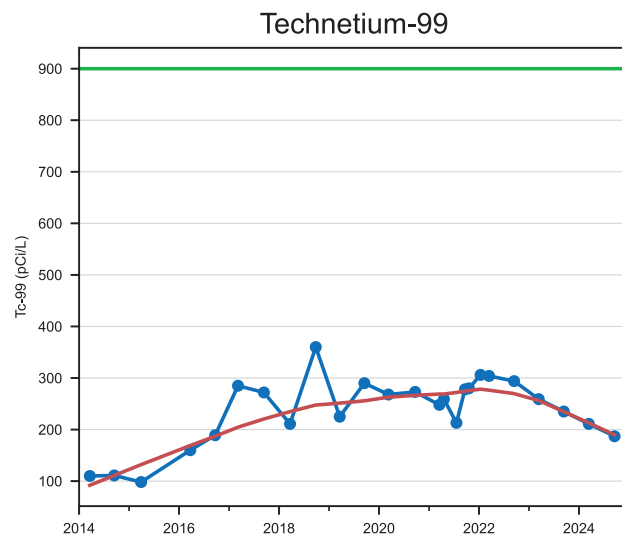
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Figure 28. Tc-99 and TCE at MW173 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/20/2014	110.0	460.0
09/15/2014	111.0	855.0
03/30/2015	98.2	575.0
03/23/2016	160.0	1350.0
09/21/2016	189.0	1200.0
03/07/2017	285.0	1460.0
09/12/2017	272.0	2010.0
03/22/2018	211.0	4340.0
09/26/2018	360.0	3960.0
03/20/2019	225.0	3990.0
09/16/2019	290.0	2880.0
03/10/2020	268.0	3590.0
09/21/2020	273.0	3430.0
03/17/2021	248.0	3710.0
04/19/2021	259.0	3570.0
07/20/2021	213.0	2280.0
09/20/2021	278.0	2770.0
10/19/2021	280.0	2640.0
01/12/2022	306.0	2960.0
03/15/2022	304.0	2660.0
09/14/2022	294.0	3180.0
03/13/2023	259.0	2800.0
09/12/2023	235.0	2040.0
03/13/2024	211.0	681.0
09/17/2024	187.0	78.2

Notes:

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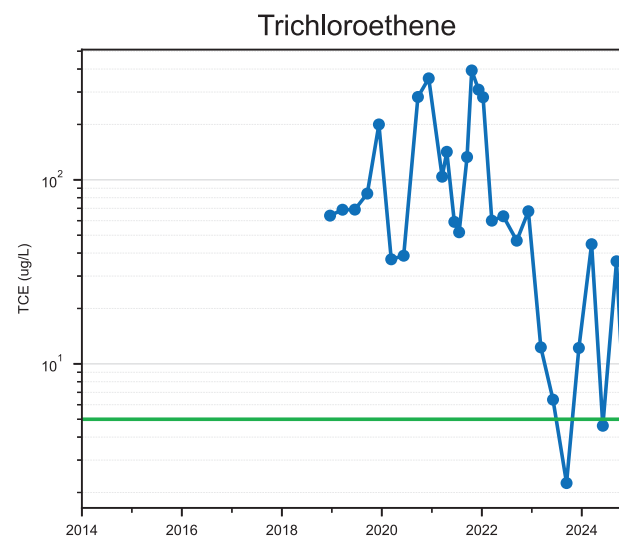
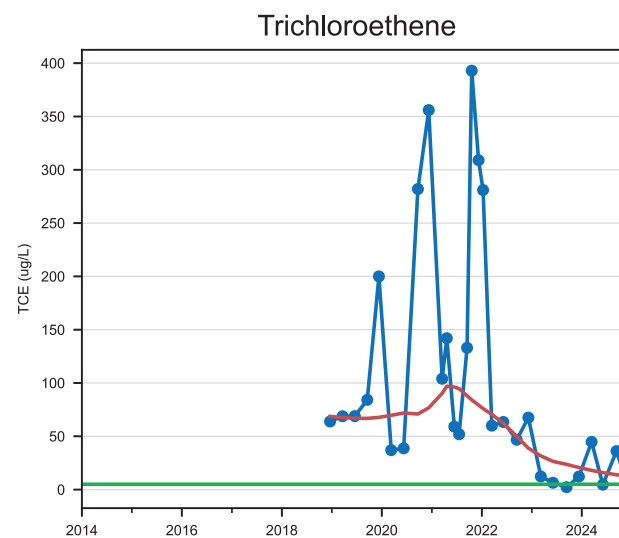
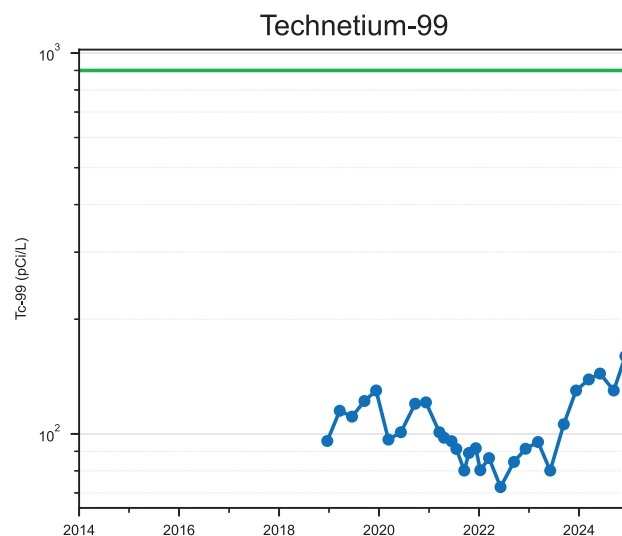
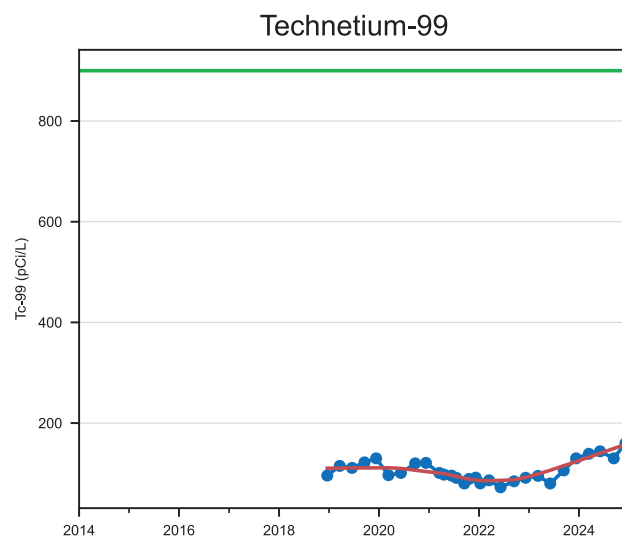
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Figure 29. Tc-99 and TCE at MW175 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
12/19/2018	95.8	63.9
03/20/2019	115.0	68.8
06/18/2019	111.0	68.9
09/17/2019	122.0	84.2
12/11/2019	130.0	200.0
03/10/2020	96.6	37.0
06/09/2020	101.0	38.7
09/21/2020	120.0	282.0
12/09/2020	121.0	356.0
03/17/2021	101.0	104.0
04/20/2021	97.7	142.0
06/14/2021	95.7	59.1
07/19/2021	91.3	51.9
09/15/2021	80.1	133.0
10/19/2021	89.1	393.0
12/08/2021	91.7	309.0
01/10/2022	80.3	281.0
03/15/2022	86.4	60.0
06/07/2022	72.5	63.4
09/13/2022	84.4	46.7
12/07/2022	91.4	67.5
03/08/2023	95.2	12.3
06/05/2023	80.1	6.39
09/12/2023	106.0	2.25
12/11/2023	130.0	12.2
03/13/2024	139.0	44.7
06/03/2024	144.0	4.61
09/11/2024	130.0	36.1
12/05/2024	160.0	2.14

Notes:

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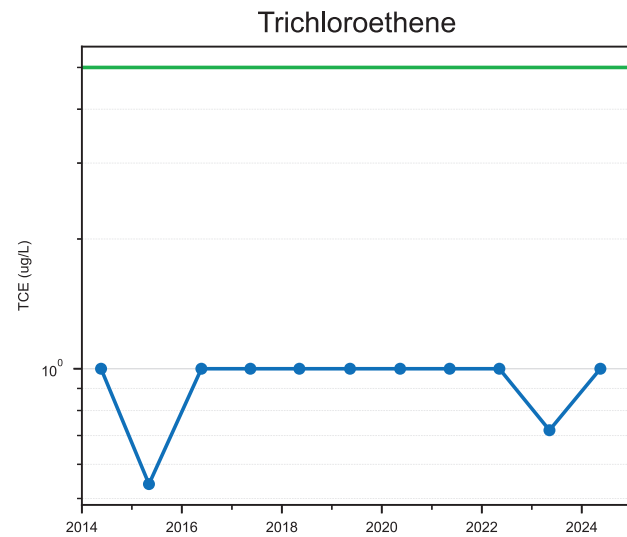
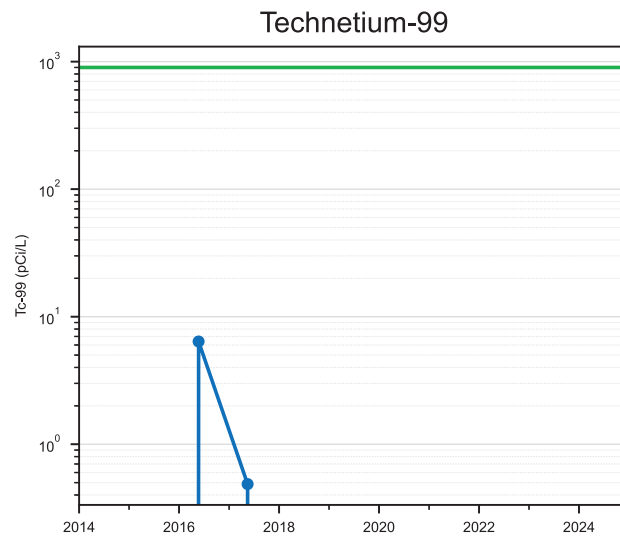
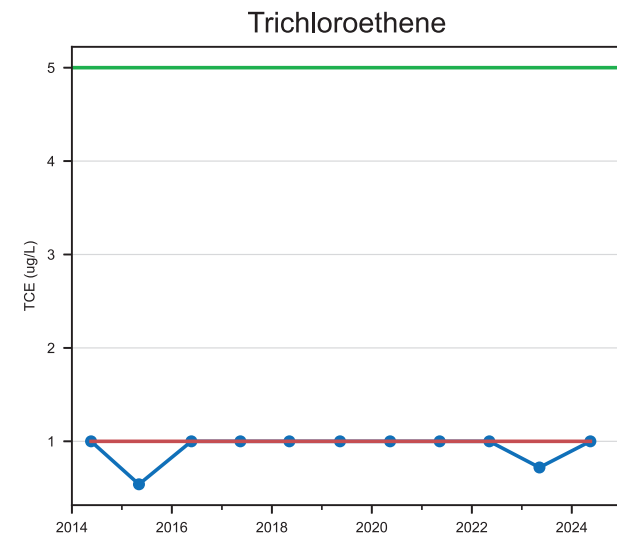
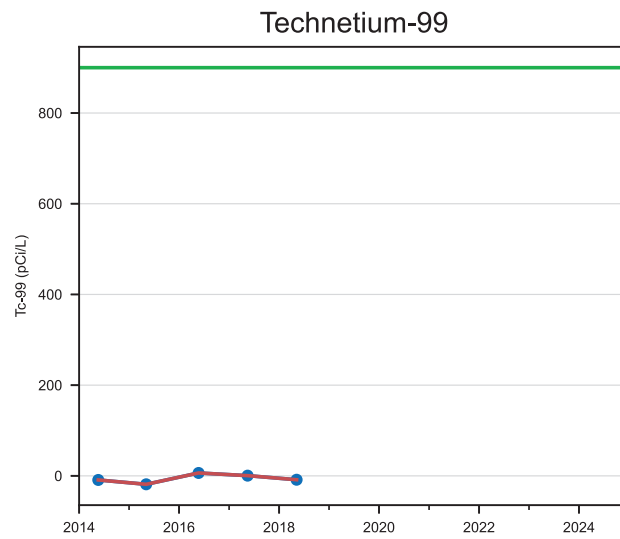
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Figure 30. Tc-99 and TCE at MW178 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/21/2014	< -9.03	< 1.0
05/06/2015	< -18.6	0.54
05/23/2016	< 6.39	< 1.0
05/16/2017	< 0.487	< 1.0
05/09/2018	< -8.54	< 1.0
05/14/2019		< 1.0
05/14/2020		< 1.0
05/11/2021		< 1.0
05/09/2022		< 1.0
05/10/2023		0.72
05/16/2024		< 1.0

Notes:

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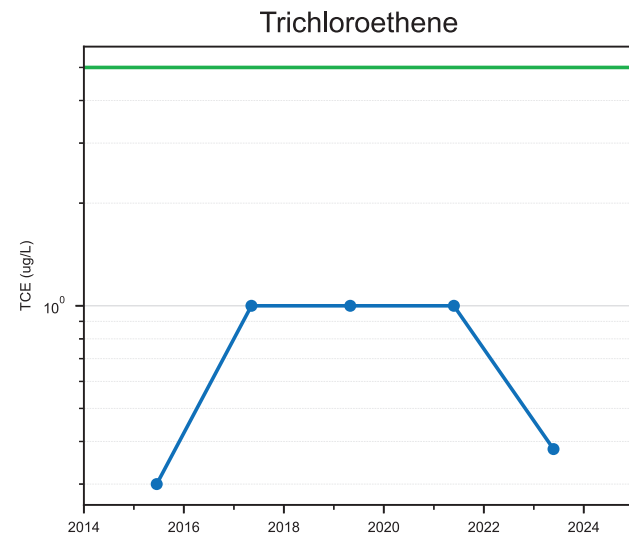
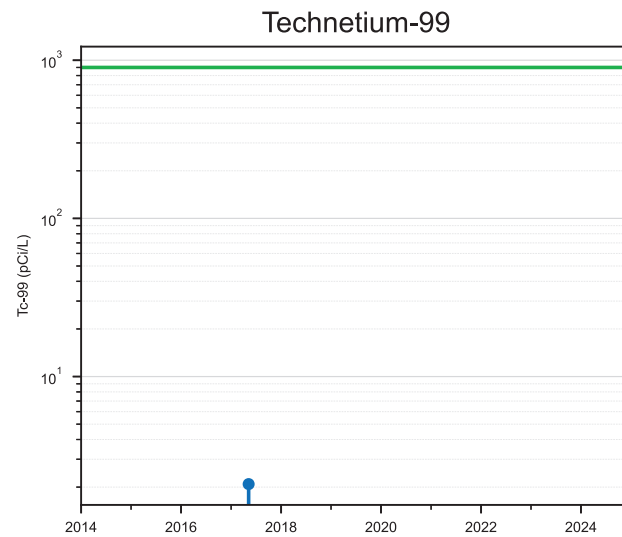
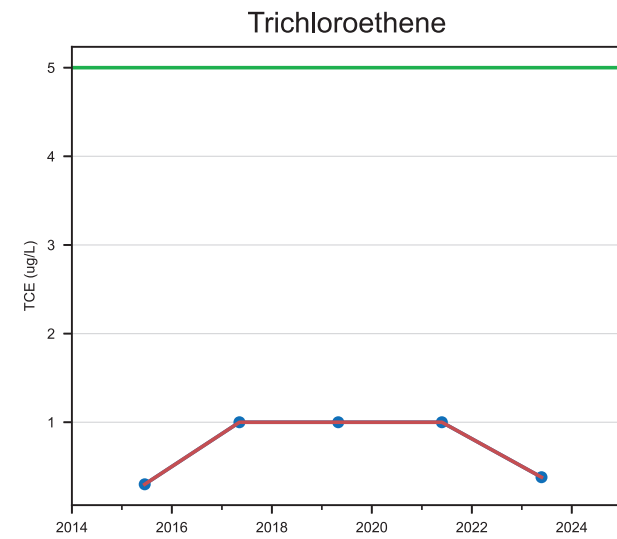
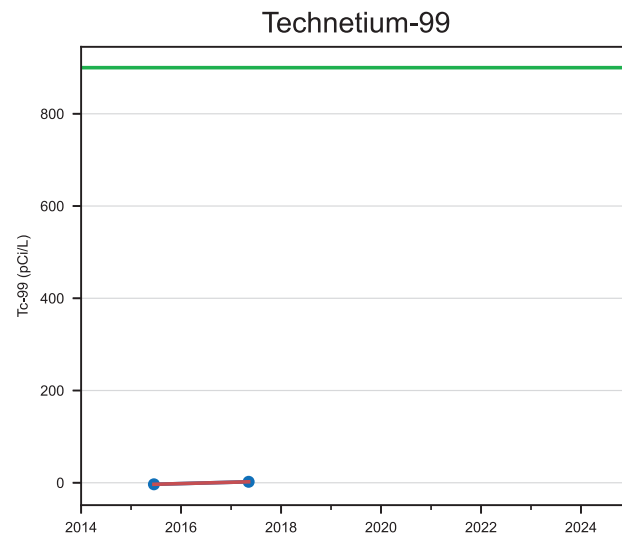
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Figure 31. Tc-99 and TCE at MW191 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
06/17/2015	< 3.34	0.3
05/09/2017	< 2.09	< 1.0
05/01/2019		< 1.0
05/27/2021		< 1.0
05/25/2023		0.38



Notes:

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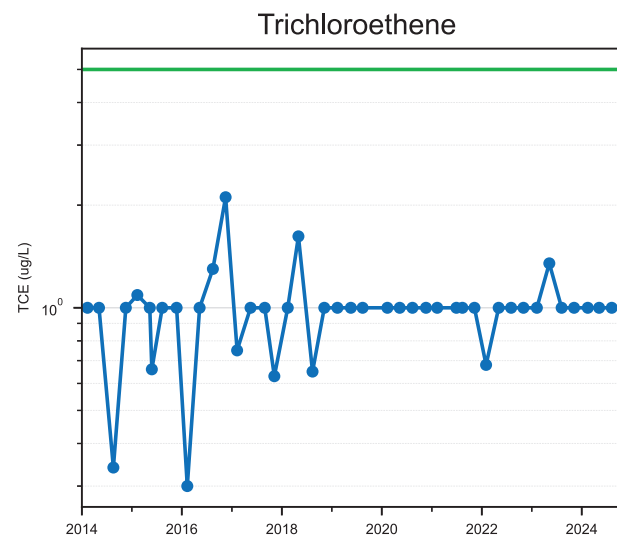
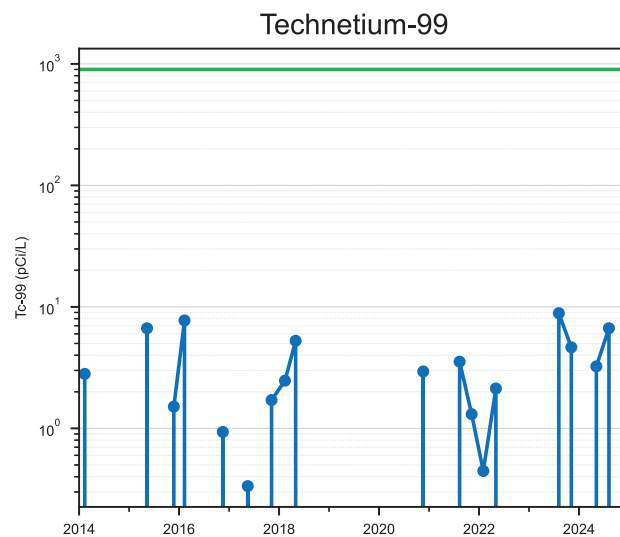
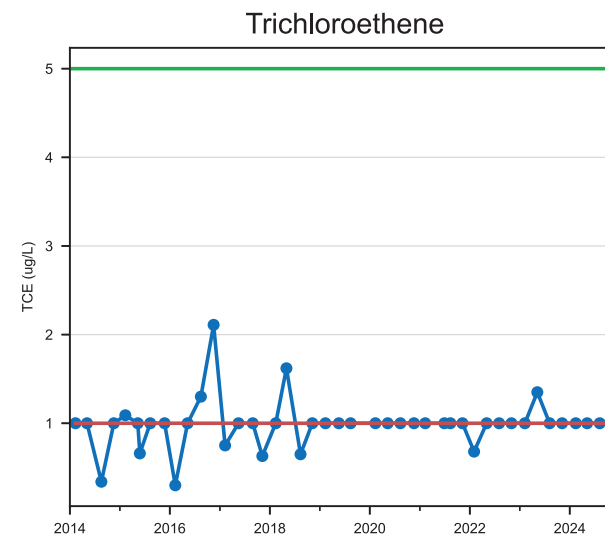
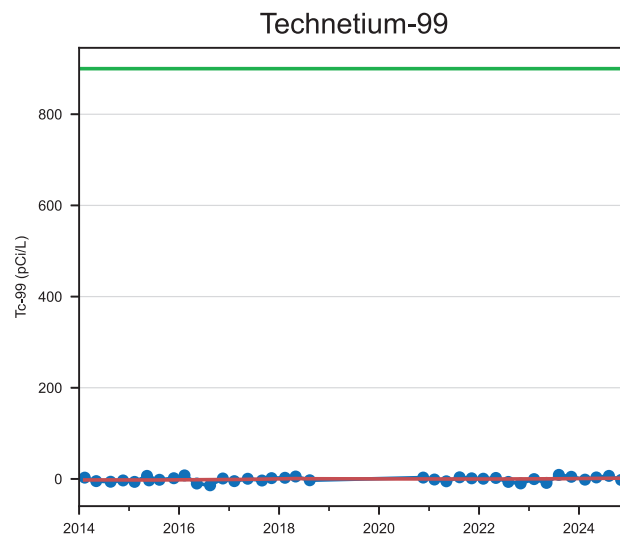
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Figure 32. Tc-99 and TCE at MW193 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/11/2014	< 2.81	< 1.0
05/08/2014	< 4.82	< 1.0
08/19/2014	< 6.19	0.34
11/18/2014	< 3.36	< 1.0
02/10/2015	< 6.49	1.09
05/12/2015	< 6.66	< 1.0
05/27/2015	< 3.2	0.66
08/11/2015	< 1.92	< 1.0
11/24/2015	< 1.51	< 1.0
02/10/2016	< 7.73	0.3
05/10/2016	< 10.1	< 1.0
08/15/2016	< 14.0	1.3
11/16/2016	< 0.935	2.11
02/08/2017	< 4.87	0.75
05/17/2017	< 0.335	< 1.0
08/29/2017	< 3.52	< 1.0
11/07/2017	< 1.71	0.63
02/13/2018	< 2.47	< 1.0
05/02/2018	< 5.26	1.62
08/13/2018	< 2.95	0.65
11/07/2018		< 1.0
02/11/2019		< 1.0
05/20/2019		< 1.0
08/14/2019		< 1.0
02/11/2020		< 1.0
05/11/2020		< 1.0
08/12/2020		< 1.0
11/19/2020	< 2.94	< 1.0
02/09/2021	< 1.33	< 1.0
05/07/2021	< 5.19	
06/29/2021		< 1.0
08/12/2021	< 3.54	< 1.0
11/08/2021	< 1.31	< 1.0
02/01/2022	< 0.446	0.68
05/04/2022	< 2.13	< 1.0
08/03/2022	< 6.57	< 1.0
11/01/2022	< 9.9	< 1.0
02/07/2023	< 0.416	< 1.0
05/09/2023	< 8.75	1.35
08/07/2023	< 8.87	< 1.0
11/06/2023	< 4.65	< 1.0
02/14/2024	< 1.59	< 1.0
05/07/2024	< 3.24	< 1.0
08/07/2024	< 6.67	< 1.0
11/04/2024	< 2.22	< 1.0

Notes:

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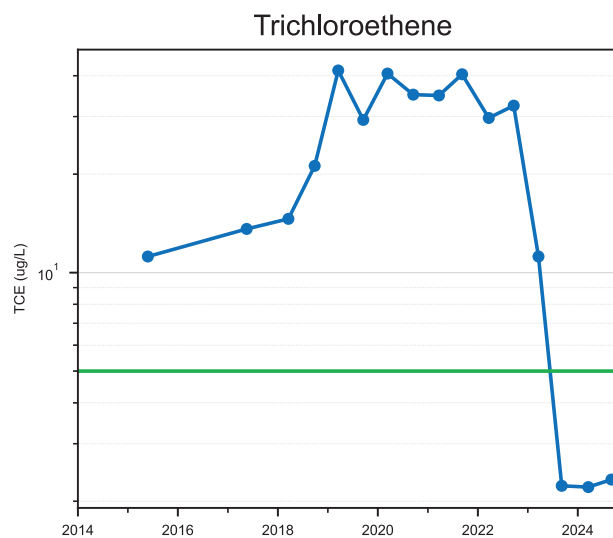
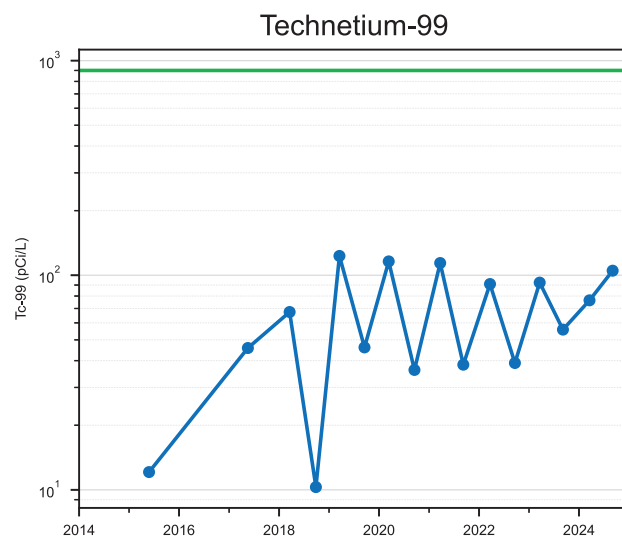
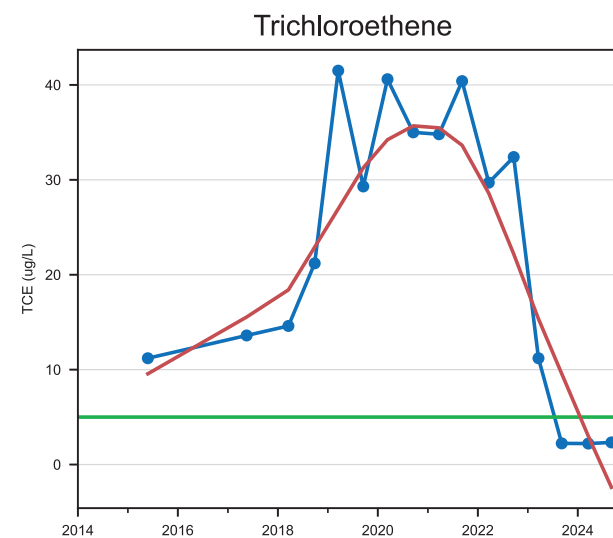
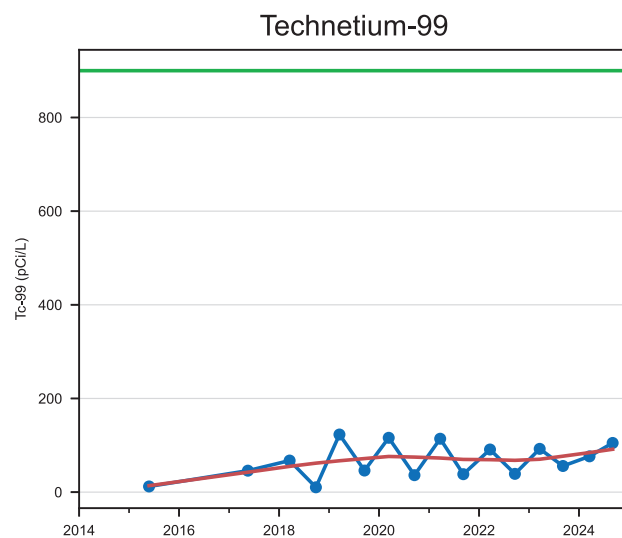
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Figure 33. Tc-99 and TCE at MW194 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/27/2015	< 12.1	11.2
05/18/2017	45.8	13.6
03/19/2018	67.4	14.6
09/27/2018	< 10.3	21.2
03/18/2019	123.0	41.5
09/17/2019	46.1	29.3
03/12/2020	116.0	40.6
09/16/2020	36.2	35.0
03/23/2021	114.0	34.8
09/08/2021	38.3	40.4
03/22/2022	91.0	29.7
09/20/2022	39.0	32.4
03/20/2023	92.4	11.2
09/06/2023	55.8	2.23
03/18/2024	76.4	2.21
09/03/2024	105.0	2.33

Notes:

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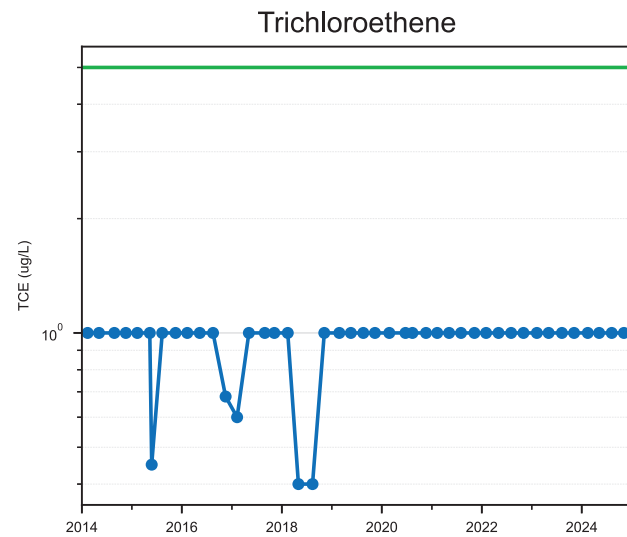
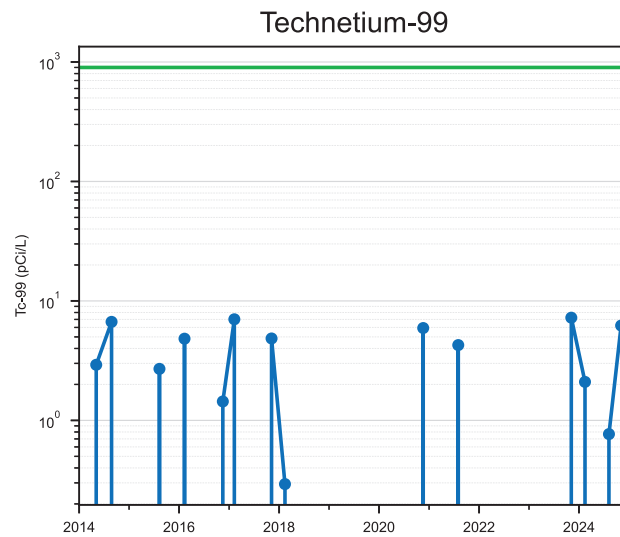
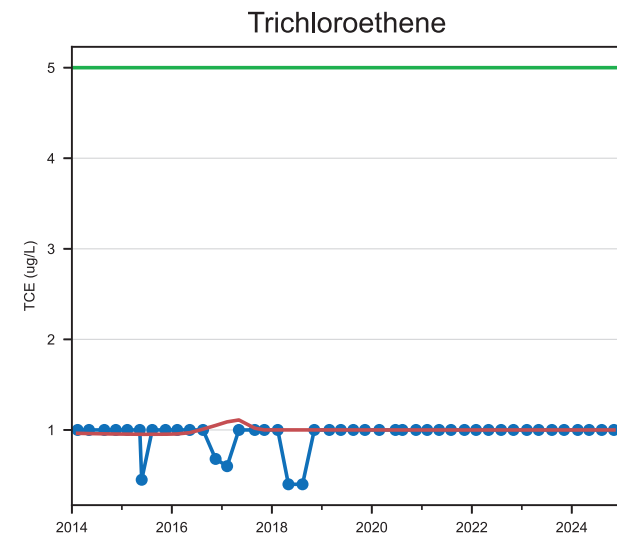
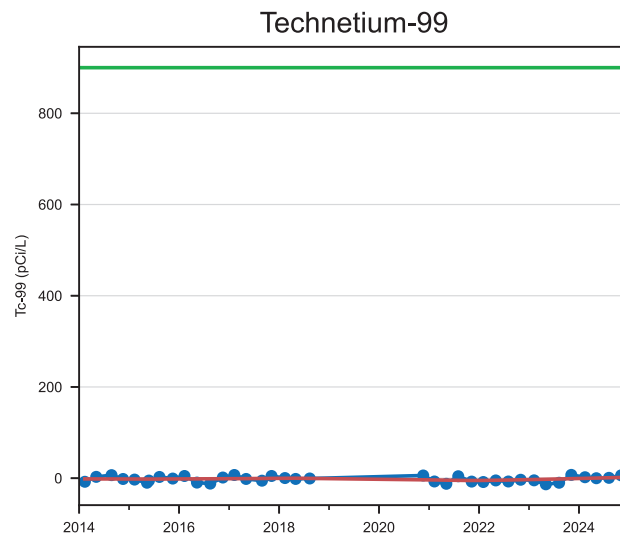
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Figure 34. Tc-99 and TCE at MW197 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/12/2014	< -7.86	< 1.0
05/08/2014	< 2.92	< 1.0
08/26/2014	< 6.68	< 1.0
11/18/2014	< -1.74	< 1.0
02/10/2015	< -3.06	< 1.0
05/12/2015	< -9.96	< 1.0
05/26/2015	< -5.27	0.45
08/11/2015	< 2.7	< 1.0
11/16/2015	< -0.817	< 1.0
02/10/2016	< 4.83	< 1.0
05/11/2016	< -9.66	< 1.0
08/16/2016	< -11.9	1.0
11/16/2016	< 1.44	0.68
02/08/2017	< 7.02	0.6
05/05/2017	< -1.67	< 1.0
08/29/2017	< -5.48	< 1.0
11/07/2017	< 4.85	< 1.0
02/13/2018	< 0.293	< 1.0
05/02/2018	< -1.63	0.4
08/13/2018	< -0.664	0.4
11/07/2018		< 1.0
02/25/2019		< 1.0
05/20/2019		< 1.0
08/19/2019		< 1.0
11/12/2019		< 1.0
02/25/2020		< 1.0
06/22/2020		< 1.0
08/12/2020		< 1.0
11/19/2020	< 5.93	< 1.0
02/09/2021	< -7.21	< 1.0
05/07/2021	< -12.3	< 1.0
08/02/2021	< 4.27	< 1.0
11/08/2021	< -7.46	< 1.0
02/01/2022	< -8.4	< 1.0
05/03/2022	< -4.93	< 1.0
08/03/2022	< -7.25	< 1.0
11/01/2022	< -3.46	< 1.0
02/07/2023	< -4.72	< 1.0
05/04/2023	< -13.4	< 1.0
08/09/2023	< -10.0	< 1.0
11/06/2023	< 7.24	< 1.0
02/14/2024	< 2.1	< 1.0
05/07/2024	< -0.0948	< 1.0
08/07/2024	< 0.768	< 1.0
11/04/2024	< 6.22	< 1.0

Notes:

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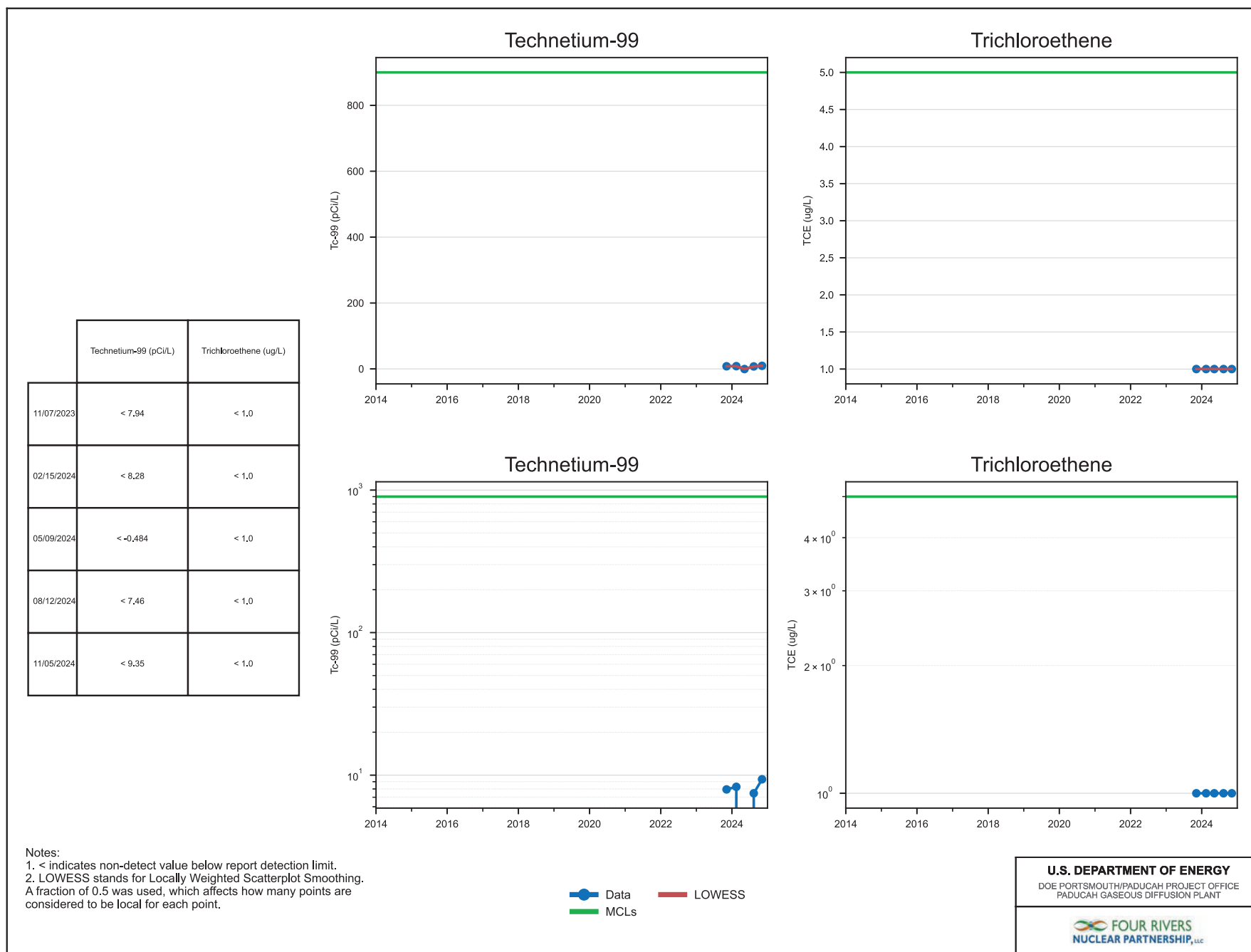


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Figure 35. Tc-99 and TCE at MW199 (LRGA)



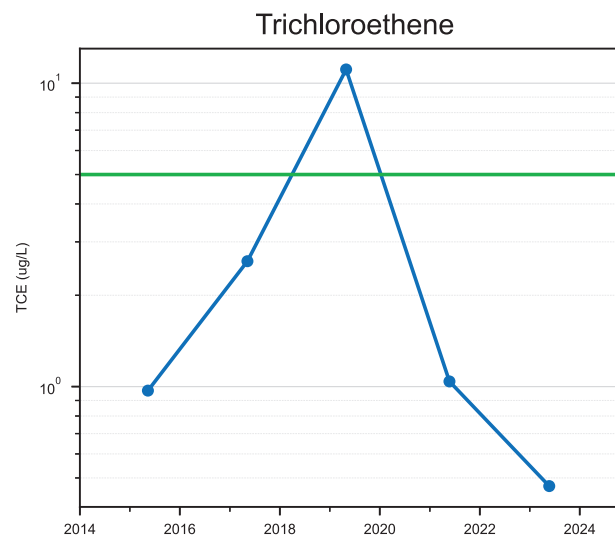
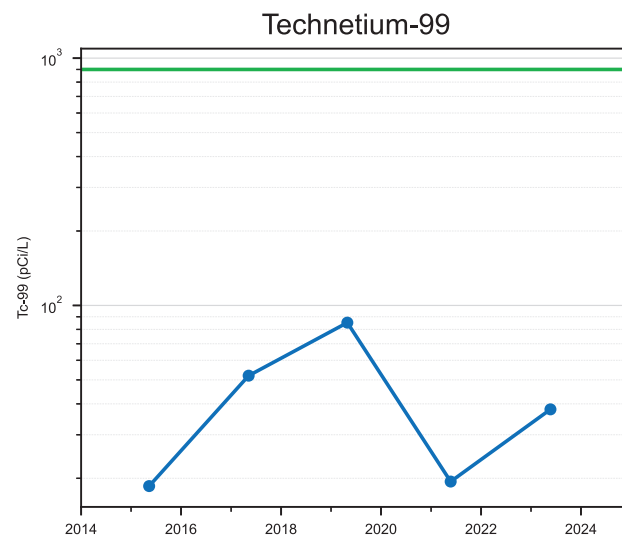
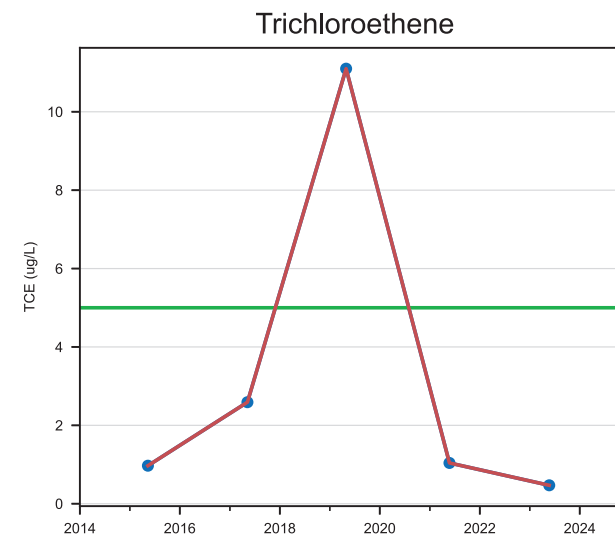
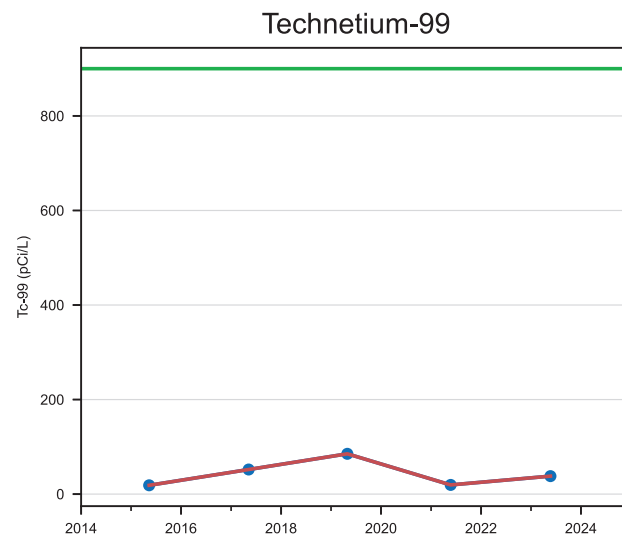
Source: Trend_Plots_V1.ipynb

Figure 36. Tc-99 and TCE at MW20 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/13/2015	< 18.6	0.97
05/09/2017	52.0	2.59
04/30/2019	85.2	11.1
05/24/2021	19.4	1.04
05/23/2023	38.0	0.47

Notes:

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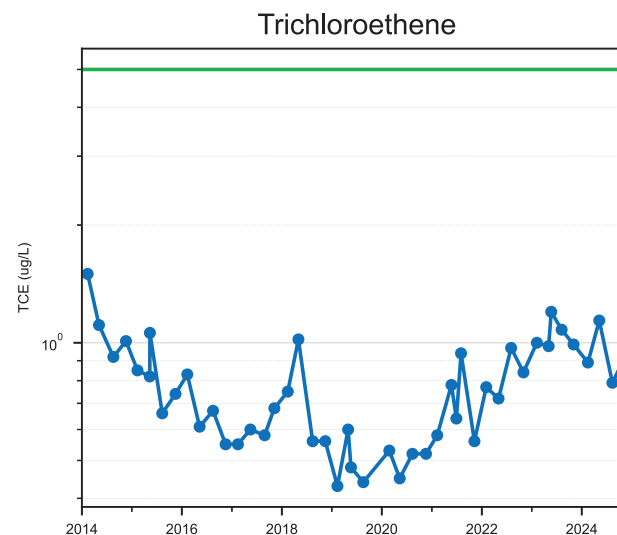
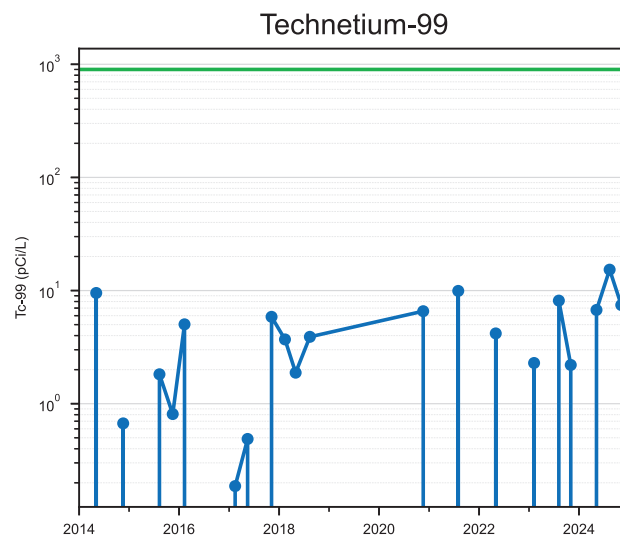
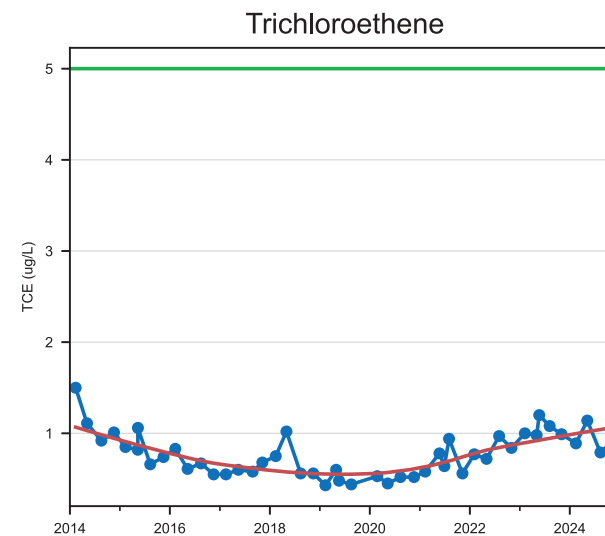
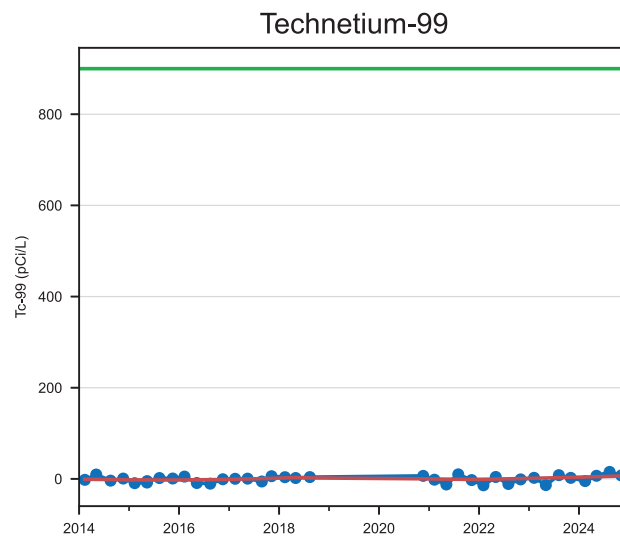
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Figure 37. Tc-99 and TCE at MW200 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/12/2014	< 2.11	1.5
05/06/2014	< 9.52	1.11
08/19/2014	< 3.87	0.92
11/19/2014	< 0.67	1.01
02/11/2015	< 9.46	0.85
05/12/2015	< 8.07	0.82
05/13/2015	< 4.88	1.06
08/11/2015	< 1.82	0.66
11/16/2015	< 0.81	0.74
02/10/2016	< 5.03	0.83
05/10/2016	< 9.1	0.61
08/16/2016	< 10.5	0.67
11/16/2016	< 0.83	0.55
02/14/2017	< 0.187	0.55
05/16/2017	< 0.488	0.6
08/28/2017	< 5.75	0.58
11/07/2017	< 5.86	0.68
02/13/2018	< 3.7	0.75
05/02/2018	< 1.88	1.02
08/14/2018	< 3.9	0.56
11/14/2018		0.56
02/11/2019		0.43
04/30/2019		0.6
05/21/2019		0.48
08/19/2019		0.44
02/25/2020		0.53
05/11/2020		0.45
08/12/2020		0.52
11/19/2020	< 6.57	0.52
02/09/2021	< 1.81	0.58
05/07/2021	< 12.3	
05/24/2021		0.78
06/29/2021		0.64
08/02/2021	< 9.93	0.94
11/08/2021	< 2.65	0.56
02/02/2022	< 14.1	0.77
05/03/2022	< 4.18	0.72
08/03/2022	< 11.2	0.97
11/01/2022	< 1.15	0.84
02/07/2023	< 2.29	1.0
05/04/2023	< 13.6	0.98
05/23/2023		1.2
08/07/2023	< 8.15	1.08
11/02/2023	< 2.2	0.99
02/15/2024	< 4.85	0.89
05/08/2024	< 6.74	1.14
08/12/2024	< 15.3	0.79
11/05/2024	< 7.45	0.91

Notes:

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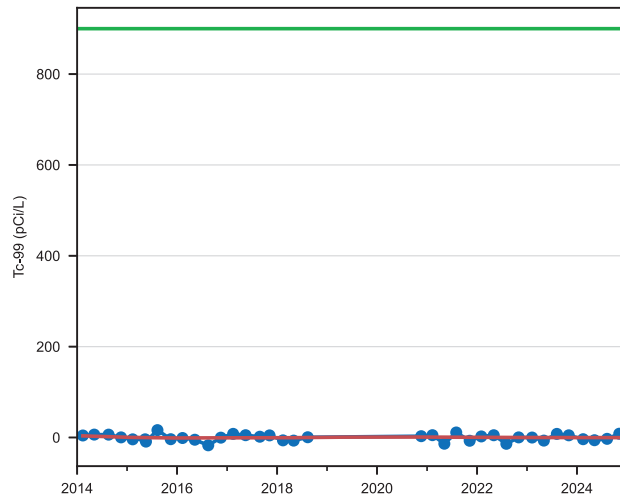
Figure 38. Tc-99 and TCE at MW201 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/12/2014	< 4.42	< 1.0
05/06/2014	< 6.35	< 1.0
08/19/2014	< 6.26	< 1.0
11/18/2014	< 0.243	< 1.0
02/11/2015	< 4.07	< 1.0
05/13/2015	< 4.02	0.33
05/19/2015	< 9.08	0.79
08/11/2015	< 16.2	< 1.0
11/16/2015	< 3.76	< 1.0
02/10/2016	< 1.17	< 1.0
05/10/2016	< 4.95	< 1.0
08/16/2016	< 17.2	< 1.0
11/16/2016	< 0.379	< 1.0
02/14/2017	< 7.98	< 1.0
05/16/2017	< 5.05	< 1.0
08/28/2017	< 1.69	< 1.0
11/07/2017	< 4.62	< 1.0
02/13/2018	< 6.34	< 1.0
05/02/2018	< 6.89	0.93
08/13/2018	< 0.54	< 1.0
11/14/2018		< 1.0
02/11/2019		< 1.0
04/30/2019		< 1.0
05/21/2019		< 1.0
08/19/2019		< 1.0
02/25/2020		< 1.0
05/11/2020		< 1.0
08/12/2020		< 1.0
11/19/2020	< 2.87	< 1.0
02/09/2021	< 5.1	< 1.0
05/07/2021	< 13.7	
05/24/2021		< 1.0
06/29/2021		0.45
08/02/2021	< 11.0	< 1.0
11/08/2021	< 7.22	< 1.0
02/01/2022	< 2.33	< 1.0
05/03/2022	< 4.97	< 1.0
08/03/2022	< 13.9	< 1.0
11/01/2022	< 0.216	< 1.0
02/07/2023	< 0.104	< 1.0
05/04/2023	< 6.87	< 1.0
05/30/2023		< 1.0
08/07/2023	< 7.91	< 1.0
11/02/2023	< 4.79	< 1.0
02/15/2024	< 3.76	< 1.0
05/08/2024	< 6.02	< 1.0
08/08/2024	< 2.97	< 1.0
11/05/2024	< 8.29	< 1.0

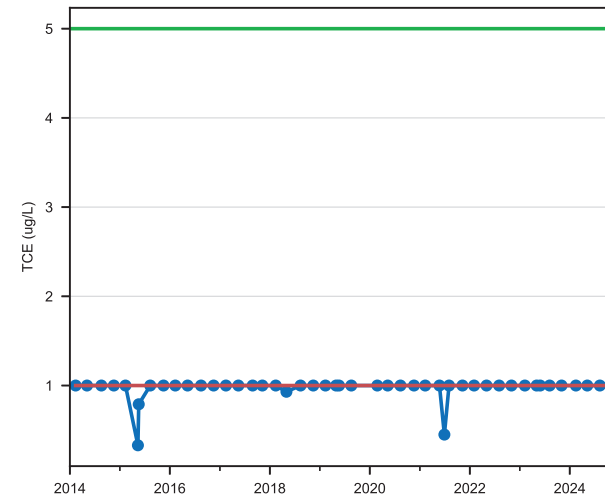
Notes:

1. < indicates non-detect value below report detection limit.
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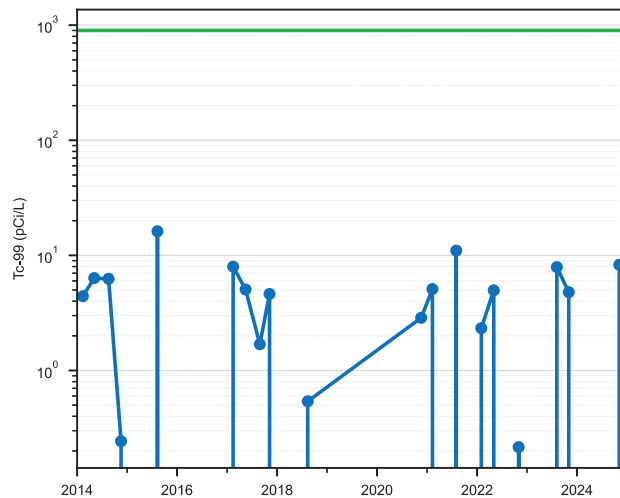
Technetium-99



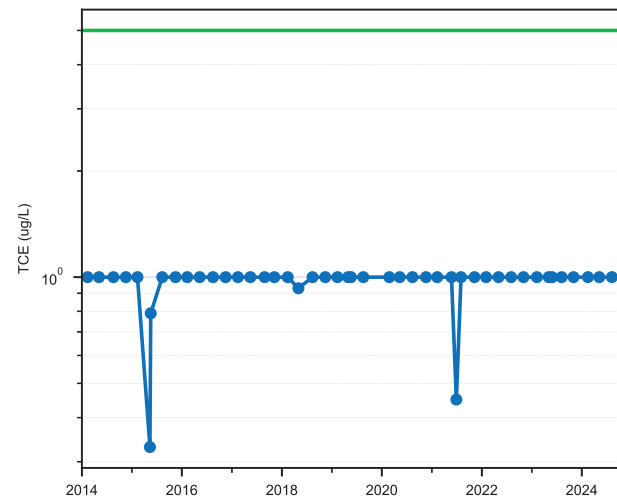
Trichloroethene



Technetium-99



Trichloroethene



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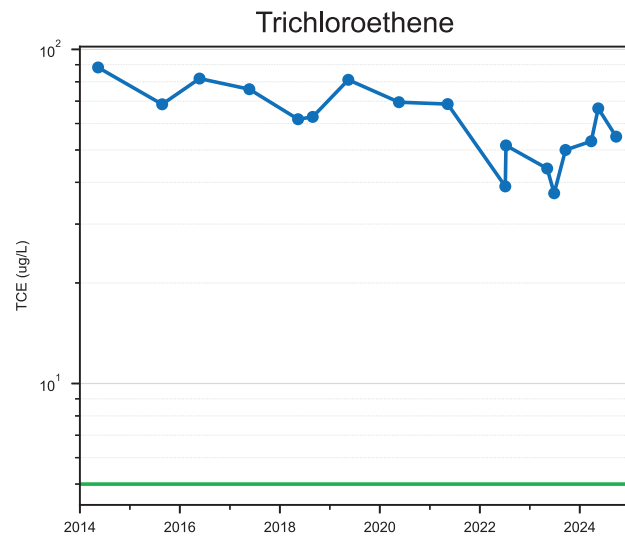
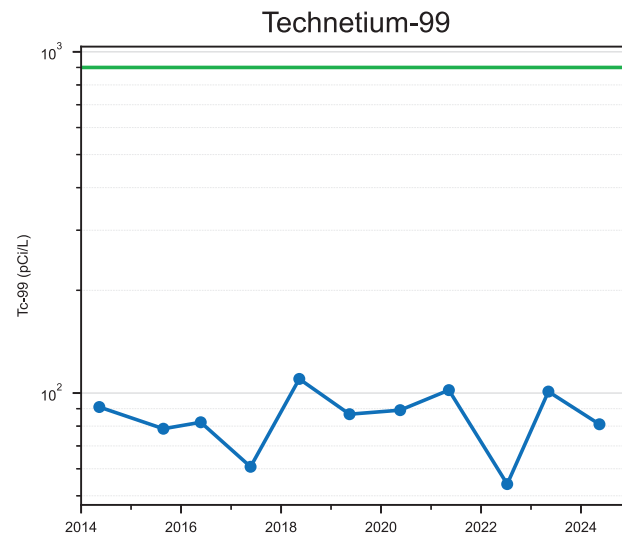
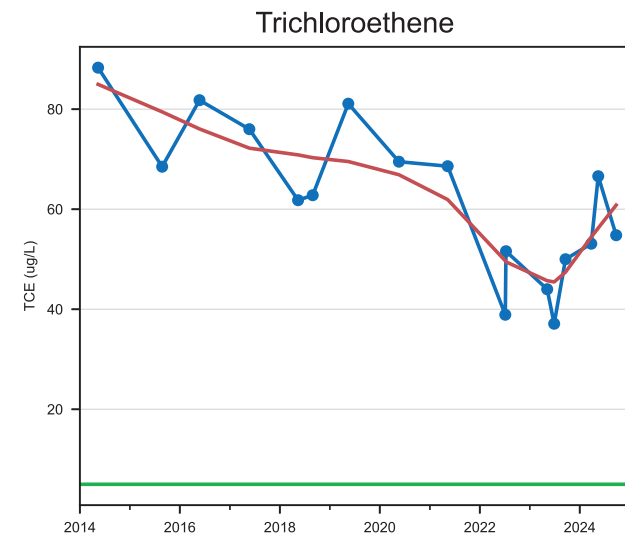
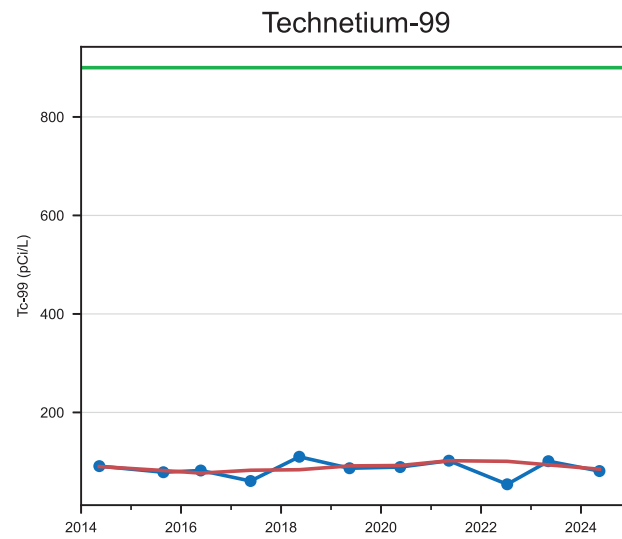
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Figure 39. Tc-99 and TCE at MW202 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/14/2014	91.0	88.3
08/25/2015	78.6	68.5
05/24/2016	82.1	81.8
05/23/2017	60.8	76.0
05/14/2018	110.0	61.8
08/29/2018		62.8
05/16/2019	86.7	81.1
05/20/2020	89.1	69.5
05/11/2021	102.0	68.6
07/06/2022		38.9
07/11/2022	54.1	51.6
05/08/2023	101.0	44.0
06/28/2023		37.1
09/19/2023		50.0
03/25/2024		53.1
05/15/2024	81.0	66.6
09/23/2024		54.8

Notes:

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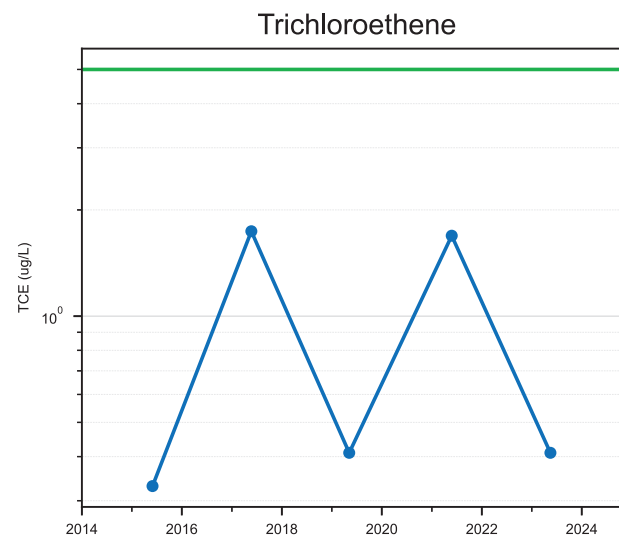
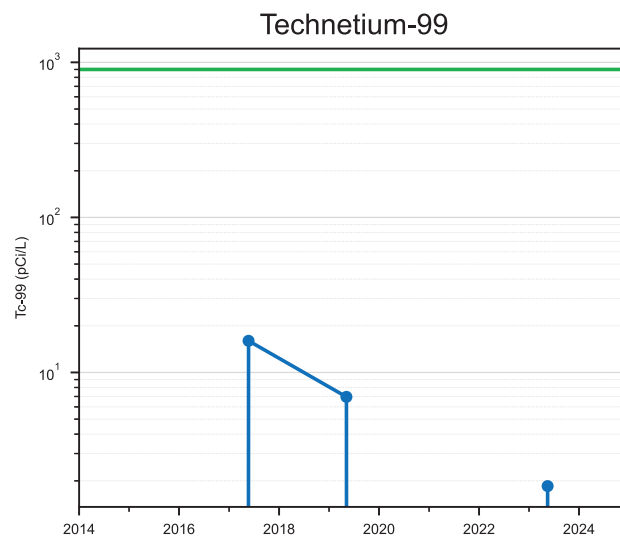
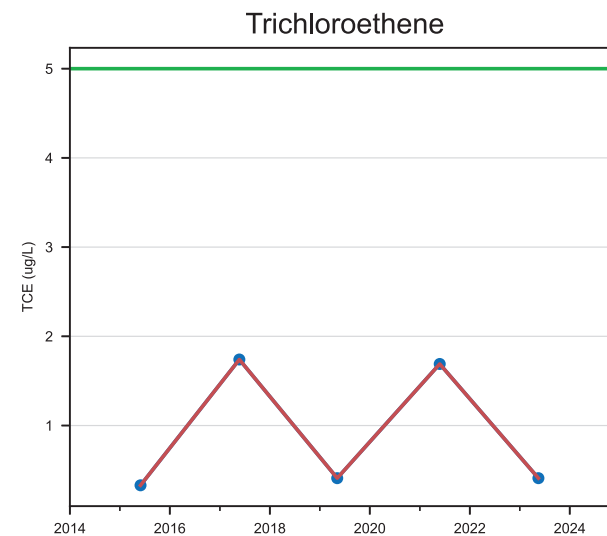
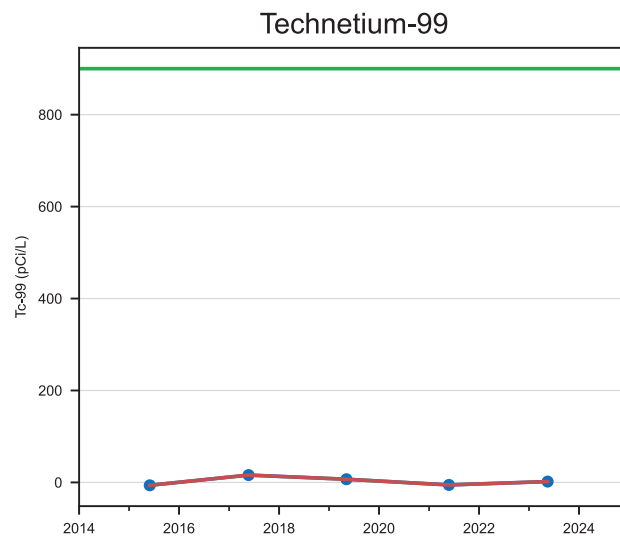
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Figure 40. Tc-99 and TCE at MW203 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
06/01/2015	< 6.24	0.33
05/23/2017	< 16.0	1.74
05/08/2019	< 6.96	0.41
05/26/2021	< 5.45	1.69
05/17/2023	< 1.85	0.41



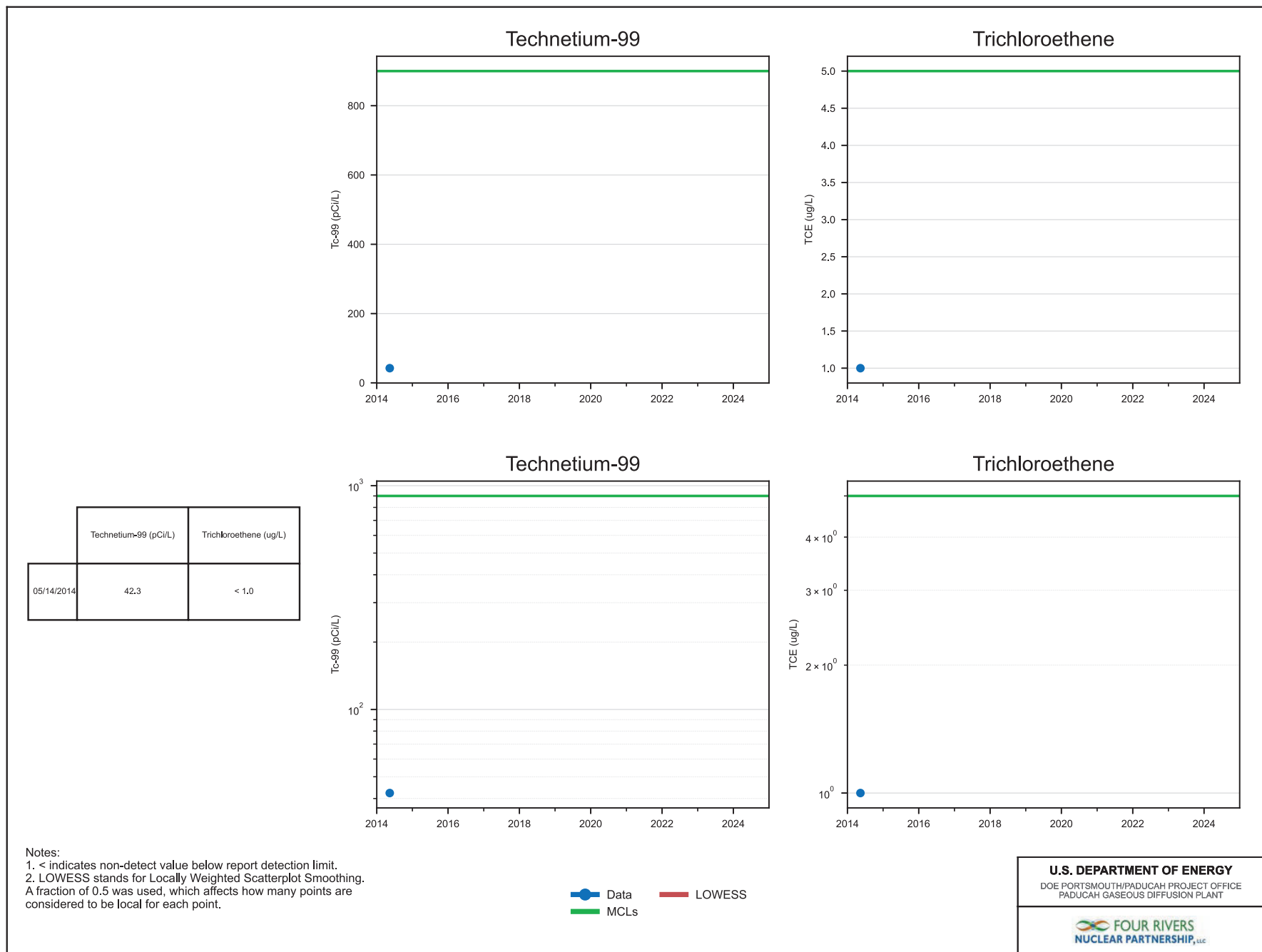
Notes:
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Figure 41. Tc-99 and TCE at MW205 (URGA)



Source: Trend_Plots_V1.ipynb

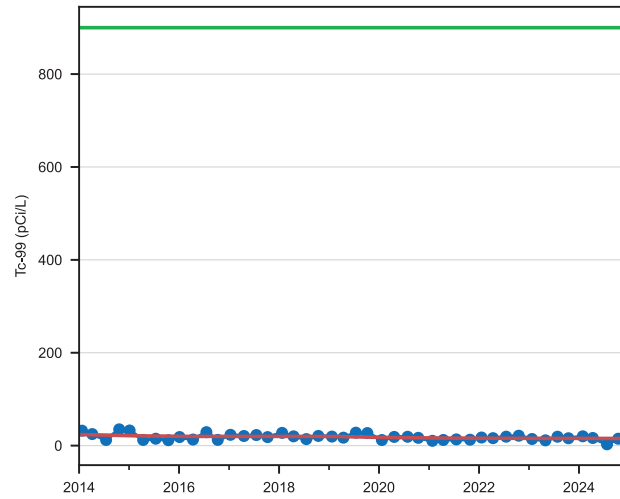
Figure 42. Tc-99 and TCE at MW206 (RGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/22/2014	32.1	< 1.0
04/07/2014	24.8	< 1.0
07/17/2014	< 12.1	0.68
10/21/2014	35.0	< 1.0
01/05/2015	32.5	< 1.0
04/14/2015	< 12.2	0.43
07/15/2015	< 14.8	7.62
09/03/2015		0.51
10/15/2015	< 11.6	0.31
01/05/2016	< 18.4	< 1.0
04/12/2016	< 13.0	2.87
07/19/2016	28.9	0.78
10/10/2016	< 12.3	0.63
01/11/2017	23.2	< 1.0
04/19/2017	20.7	0.48
07/19/2017	22.7	2.64
10/09/2017	18.3	< 1.0
01/23/2018	27.4	< 1.0
04/17/2018	19.9	0.9
07/19/2018	< 14.0	1.91
10/15/2018	20.8	< 1.0
01/22/2019	19.4	< 1.0
04/16/2019	17.1	1.05
07/16/2019	27.8	< 1.0
10/08/2019	27.0	1.57
01/22/2020	< 12.0	
03/18/2020		< 1.0
04/21/2020	18.7	< 1.0
07/28/2020	< 19.0	< 1.0
10/14/2020	< 16.7	< 1.0
01/25/2021	< 10.3	< 1.0
04/15/2021	< 12.1	< 1.0
07/19/2021	< 13.3	< 1.0
10/27/2021	< 12.7	< 1.0
01/19/2022	< 17.4	0.42
04/13/2022	< 16.0	< 1.0
07/18/2022	< 19.2	< 1.0
10/18/2022	< 21.3	< 1.0
01/23/2023	< 14.2	1.26
05/01/2023	< 11.3	< 1.0
07/28/2023	< 19.1	< 1.0
10/16/2023	< 15.8	< 1.0
01/29/2024	< 20.0	< 1.0
04/11/2024	< 16.4	< 1.0
07/24/2024	< 2.79	< 1.0
10/14/2024	< 14.8	< 1.0

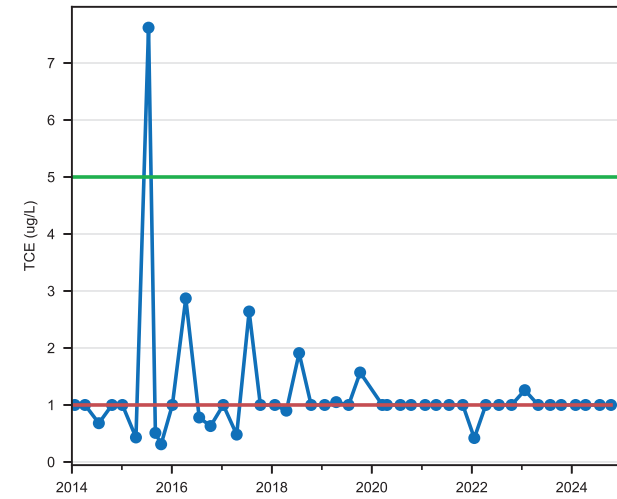
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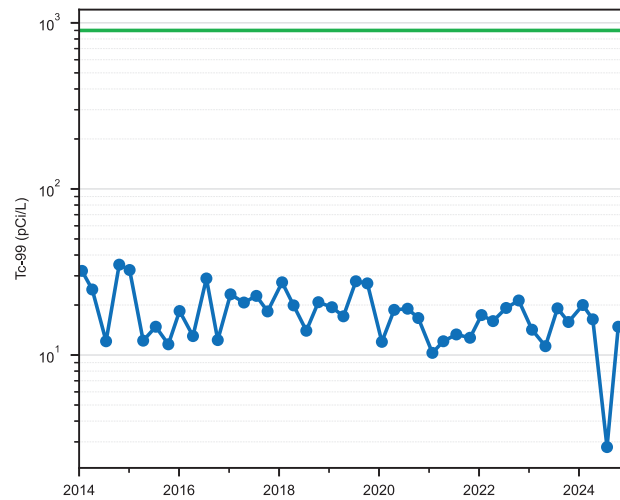
Technetium-99



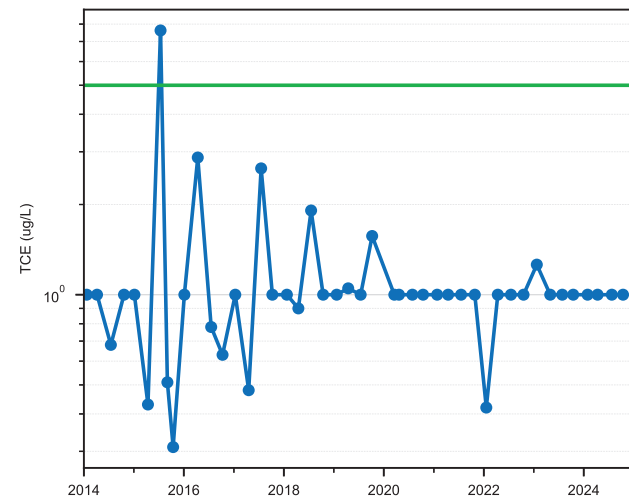
Trichloroethene



Technetium-99



Trichloroethene



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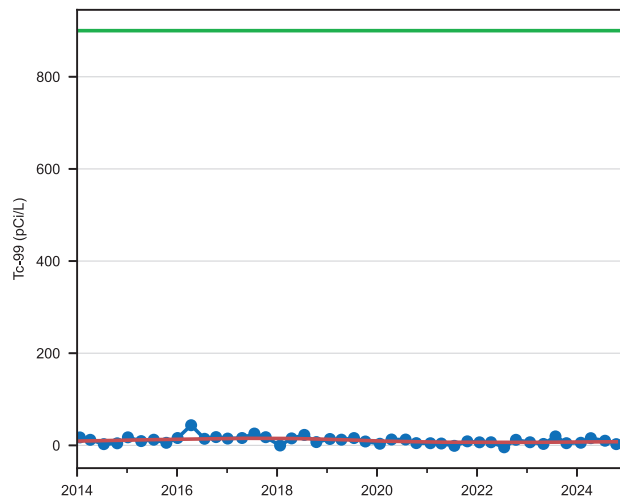
Figure 43. Tc-99 and TCE at MW220 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/21/2014	17.3	< 1.0
04/07/2014	< 12.1	< 1.0
07/15/2014	< 2.71	< 1.0
10/21/2014	< 4.53	< 1.0
01/07/2015	< 17.5	< 1.0
04/14/2015	< 9.33	1.62
07/15/2015	< 12.3	< 1.0
10/15/2015	< 5.58	< 1.0
01/05/2016	< 16.0	< 1.0
04/13/2016	43.8	0.45
07/20/2016	< 14.3	< 1.0
10/12/2016	< 18.0	0.51
01/05/2017	< 14.8	< 1.0
04/20/2017	< 16.0	< 1.0
07/19/2017	25.7	0.34
10/10/2017	17.8	< 1.0
01/23/2018	< -0.215	< 1.0
04/17/2018	< 15.2	< 1.0
07/19/2018	22.8	0.36
10/15/2018	< 7.17	< 1.0
01/22/2019	< 13.9	< 1.0
04/16/2019	< 12.4	< 1.0
07/17/2019	< 15.9	< 1.0
10/08/2019	< 8.47	< 1.0
01/22/2020	< 3.54	1.62
04/16/2020	< 12.8	< 1.0
07/28/2020	< 12.7	< 1.0
10/14/2020	< 4.94	< 1.0
01/25/2021	< 4.72	< 1.0
04/15/2021	< 4.06	< 1.0
07/19/2021	< -0.978	< 1.0
10/22/2021	< 8.8	
11/02/2021		0.55
01/19/2022	< 6.67	0.89
04/13/2022	< 6.82	< 1.0
07/18/2022	< 4.14	< 1.0
10/12/2022	< 12.1	< 1.0
01/23/2023	< 6.8	2.69
05/01/2023	< 3.14	0.89
07/28/2023	< 19.5	< 1.0
10/16/2023	< 4.79	< 1.0
01/29/2024	< 5.7	< 1.0
04/11/2024	< 15.7	< 1.0
07/24/2024	< 10.1	0.35
10/14/2024	< 2.74	< 1.0

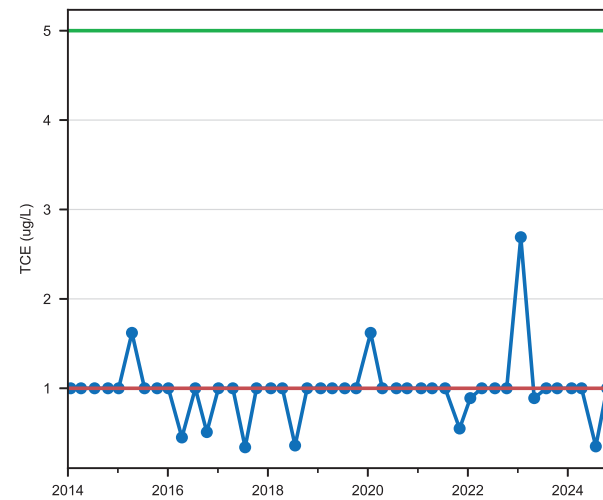
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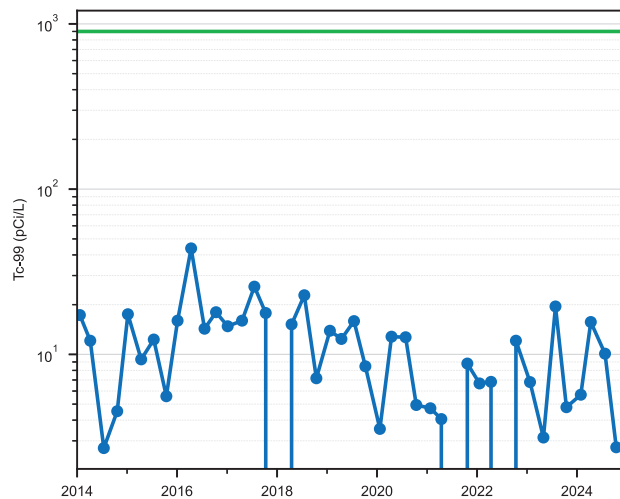
Technetium-99



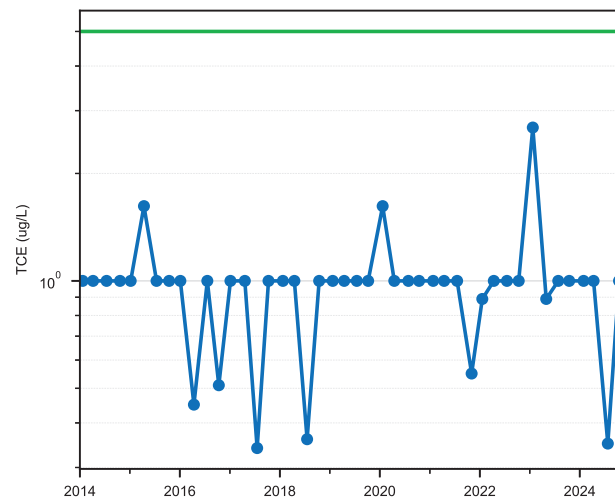
Trichloroethene



Technetium-99



Trichloroethene



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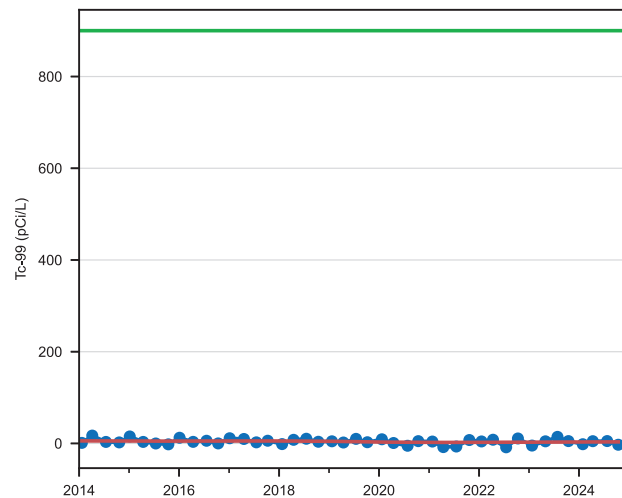
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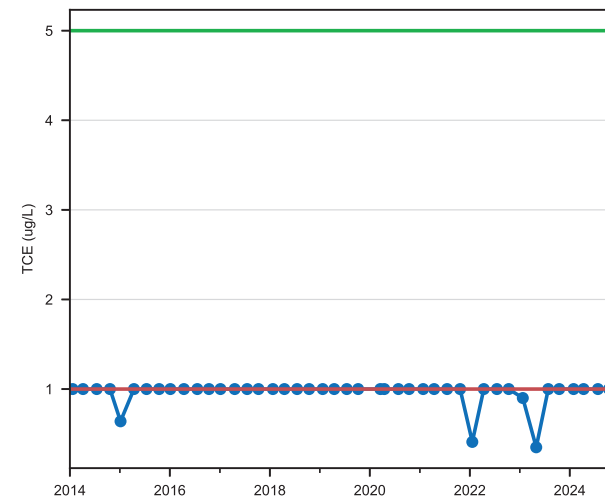
Figure 44. Tc-99 and TCE at MW221 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/21/2014	< 1.19	< 1.0
04/07/2014	< 17.1	< 1.0
07/16/2014	< 3.29	< 1.0
10/21/2014	< 2.22	< 1.0
01/06/2015	< 15.2	0.64
04/14/2015	< 3.3	< 1.0
07/15/2015	< 0.133	< 1.0
10/15/2015	< 1.96	< 1.0
01/05/2016	< 12.4	< 1.0
04/13/2016	< 3.42	< 1.0
07/20/2016	< 5.82	< 1.0
10/13/2016	< 0.0157	< 1.0
01/05/2017	< 11.3	< 1.0
04/19/2017	< 9.72	< 1.0
07/19/2017	< 2.36	< 1.0
10/10/2017	< 5.88	< 1.0
01/23/2018	< 1.44	< 1.0
04/17/2018	< 7.88	< 1.0
07/19/2018	< 10.2	< 1.0
10/15/2018	< 3.63	< 1.0
01/22/2019	< 4.63	< 1.0
04/16/2019	< 2.01	< 1.0
07/17/2019	< 9.95	< 1.0
10/08/2019	< 2.62	< 1.0
01/22/2020	< 9.05	< 1.0
03/18/2020	< 1.0	< 1.0
04/16/2020	< 0.923	< 1.0
07/28/2020	< 5.08	< 1.0
10/14/2020	< 4.98	< 1.0
01/25/2021	< 4.1	< 1.0
04/15/2021	< 7.98	< 1.0
07/19/2021	< 6.74	< 1.0
10/22/2021	< 7.4	1.0
01/19/2022	< 4.33	0.41
04/13/2022	< 8.07	< 1.0
07/18/2022	< 8.44	< 1.0
10/12/2022	< 10.8	< 1.0
01/23/2023	< 4.66	0.9
05/01/2023	< 4.59	0.35
07/28/2023	< 14.3	< 1.0
10/16/2023	< 5.09	< 1.0
01/29/2024	< 1.72	< 1.0
04/11/2024	< 4.89	< 1.0
07/25/2024	< 5.16	< 1.0
10/14/2024	< 2.88	< 1.0

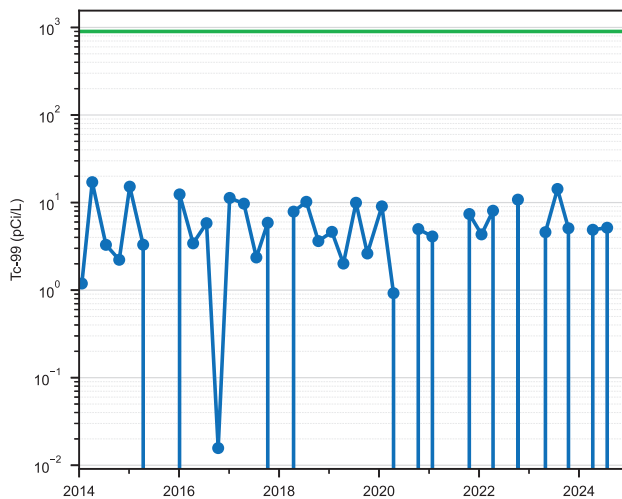
Technetium-99



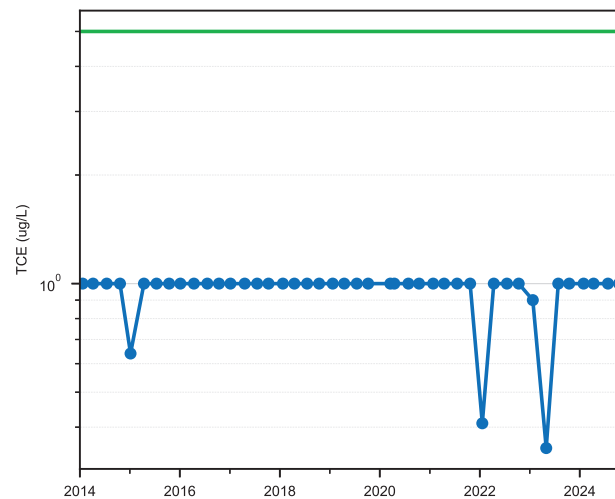
Trichloroethene



Technetium-99



Trichloroethene



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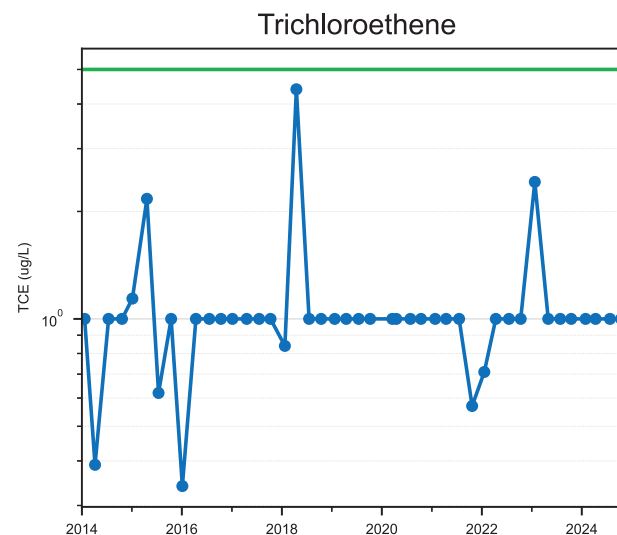
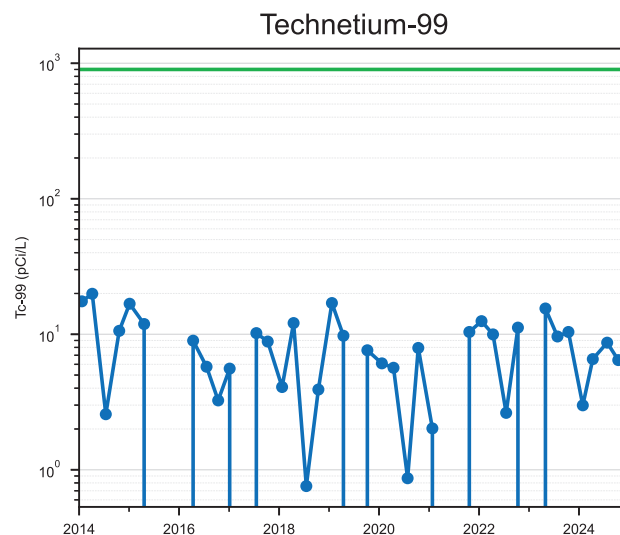
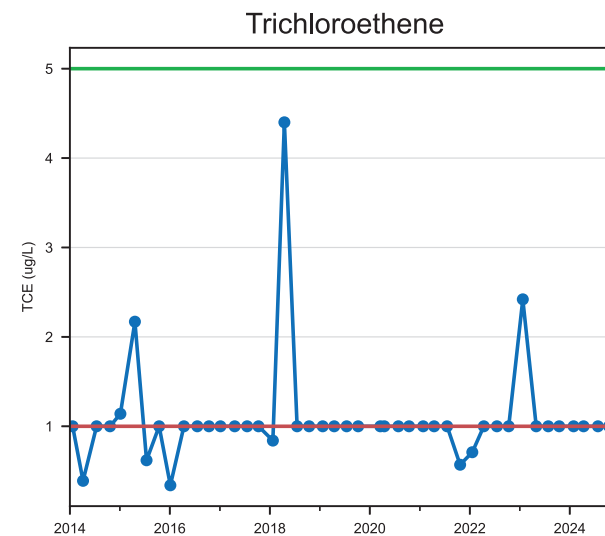
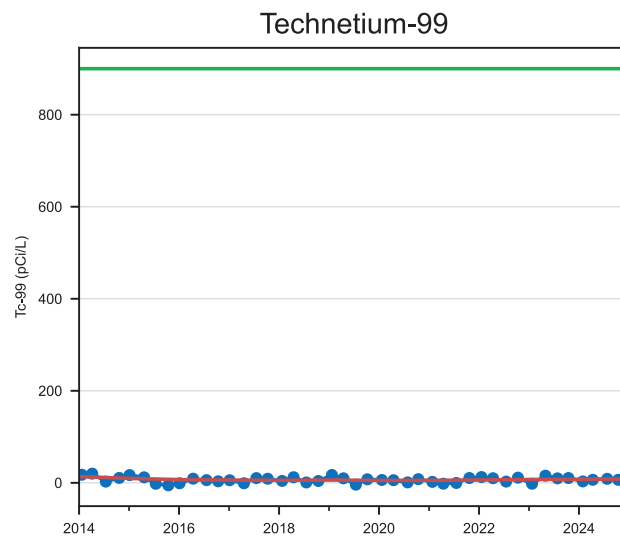
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Figure 45. Tc-99 and TCE at MW222 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/21/2014	17.5	< 1.0
04/07/2014	< 19.9	0.39
07/15/2014	< 2.57	< 1.0
10/21/2014	< 10.6	< 1.0
01/05/2015	< 16.8	1.14
04/21/2015	< 11.9	2.17
07/15/2015	< 2.14	0.62
10/15/2015	< 5.43	< 1.0
01/05/2016	< 1.08	0.34
04/13/2016	< 8.97	< 1.0
07/20/2016	< 5.76	< 1.0
10/13/2016	< 3.25	< 1.0
01/05/2017	< 5.58	< 1.0
04/19/2017	< 0.985	< 1.0
07/19/2017	< 10.2	< 1.0
10/10/2017	< 8.84	< 1.0
01/23/2018	< 4.08	0.84
04/17/2018	< 12.1	4.4
07/19/2018	< 0.758	< 1.0
10/15/2018	< 3.91	< 1.0
01/22/2019	< 17.0	< 1.0
04/16/2019	< 9.75	< 1.0
07/16/2019	< 4.01	< 1.0
10/08/2019	< 7.62	< 1.0
01/22/2020	< 6.1	
03/18/2020		< 1.0
04/16/2020	< 5.66	< 1.0
07/28/2020	< 0.866	< 1.0
10/14/2020	< 7.93	< 1.0
01/25/2021	< 2.02	< 1.0
04/15/2021	< 1.97	< 1.0
07/19/2021	< 0.333	< 1.0
10/22/2021	< 10.4	0.57
01/19/2022	< 12.5	0.71
04/13/2022	< 9.98	< 1.0
07/18/2022	< 2.63	< 1.0
10/12/2022	< 11.2	< 1.0
01/23/2023	< 2.04	2.42
05/01/2023	< 15.5	< 1.0
07/28/2023	< 9.63	< 1.0
10/16/2023	< 10.4	< 1.0
01/29/2024	< 2.99	< 1.0
04/11/2024	< 6.56	< 1.0
07/25/2024	< 8.67	< 1.0
10/14/2024	< 6.45	< 1.0

Notes:

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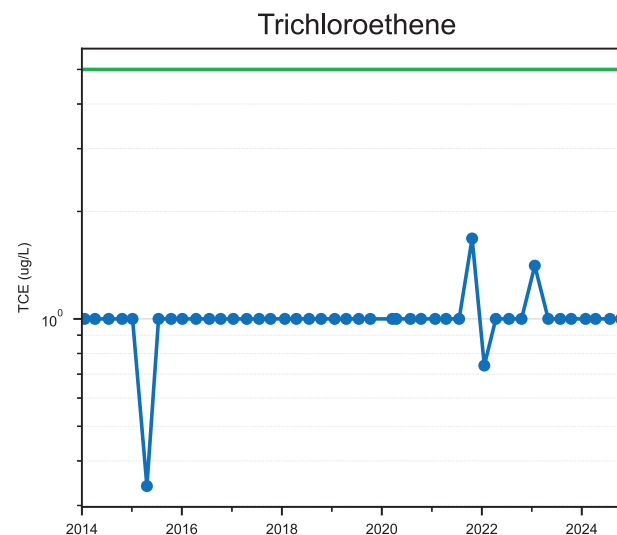
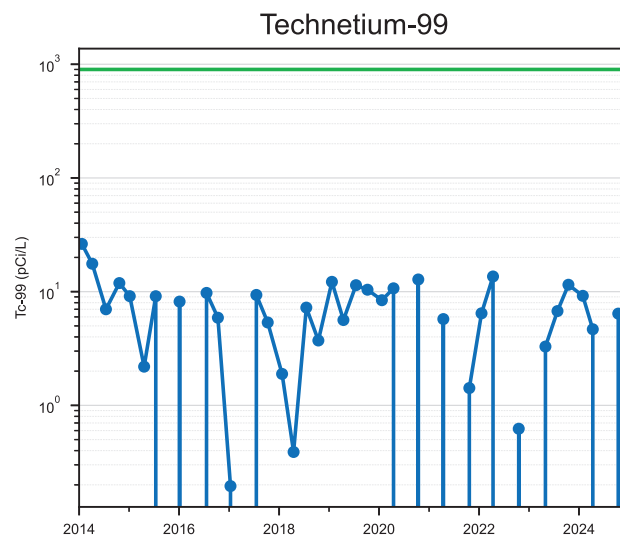
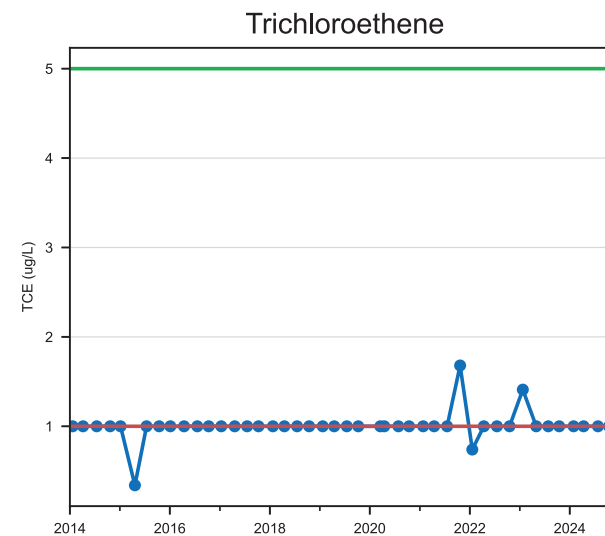
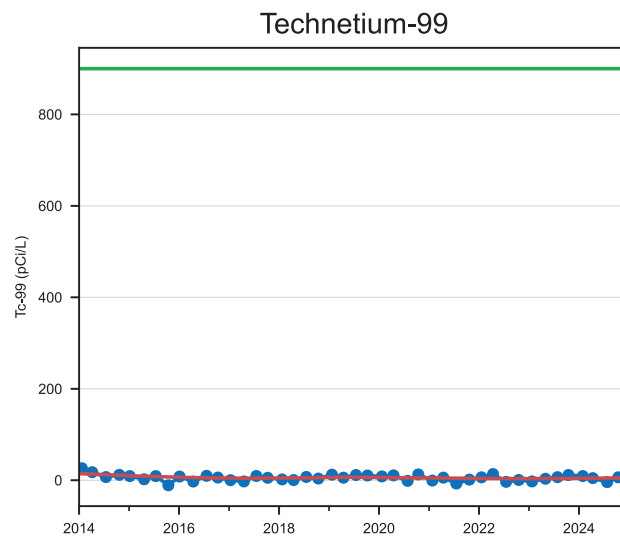
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Figure 46. Tc-99 and TCE at MW223 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/21/2014	26.3	< 1.0
04/07/2014	< 17.6	< 1.0
07/16/2014	< 7.0	< 1.0
10/22/2014	< 11.9	< 1.0
01/06/2015	< 9.13	< 1.0
04/21/2015	< 2.19	0.34
07/15/2015	< 9.12	< 1.0
10/15/2015	< 11.0	< 1.0
01/05/2016	< 8.18	< 1.0
04/14/2016	< 2.81	< 1.0
07/20/2016	< 9.75	< 1.0
10/11/2016	< 5.9	< 1.0
01/11/2017	< 0.195	< 1.0
04/19/2017	< 2.54	< 1.0
07/19/2017	< 9.36	< 1.0
10/10/2017	< 5.36	< 1.0
01/23/2018	< 1.89	< 1.0
04/17/2018	< 0.389	< 1.0
07/19/2018	< 7.24	< 1.0
10/15/2018	< 3.72	< 1.0
01/22/2019	< 12.2	< 1.0
04/16/2019	< 5.63	< 1.0
07/17/2019	< 11.4	< 1.0
10/09/2019	< 10.4	< 1.0
01/22/2020	< 8.41	< 1.0
03/18/2020	< 1.0	< 1.0
04/16/2020	< 10.7	< 1.0
07/28/2020	< 1.26	< 1.0
10/14/2020	< 12.8	< 1.0
01/25/2021	< 0.72	< 1.0
04/15/2021	< 5.74	< 1.0
07/19/2021	< 7.12	< 1.0
10/22/2021	< 1.42	1.68
01/19/2022	< 6.45	0.74
04/13/2022	< 13.6	< 1.0
07/18/2022	< 3.48	< 1.0
10/18/2022	< 0.623	< 1.0
01/23/2023	< 2.52	1.41
05/01/2023	< 3.29	< 1.0
07/28/2023	< 6.75	< 1.0
10/16/2023	< 11.5	< 1.0
01/29/2024	< 9.19	< 1.0
04/11/2024	< 4.67	< 1.0
07/25/2024	< 4.03	< 1.0
10/14/2024	< 6.41	< 1.0

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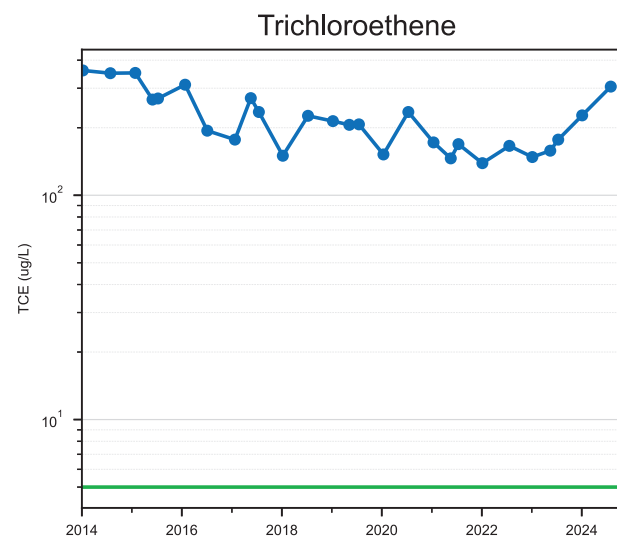
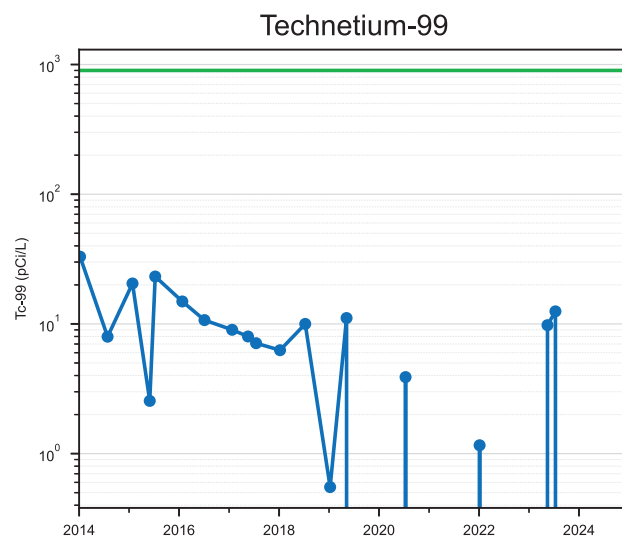
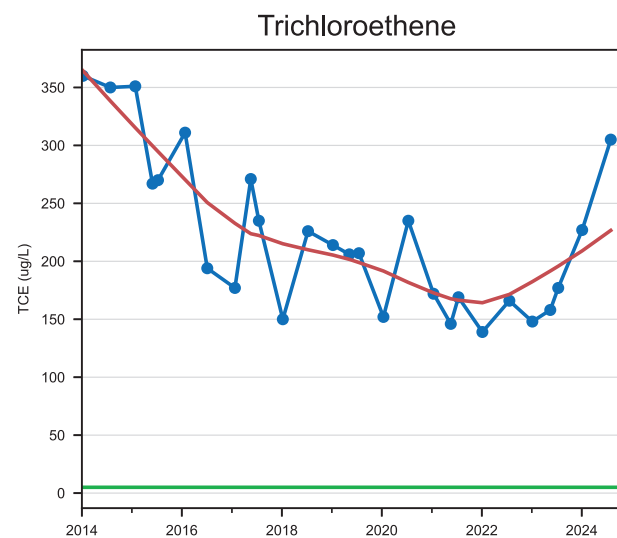
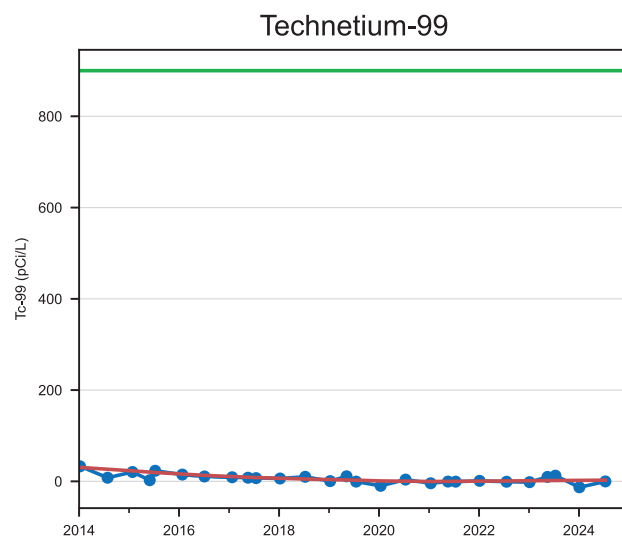
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Figure 47. Tc-99 and TCE at MW224 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/08/2014	33.0	360.0
07/28/2014	< 7.97	350.0
01/26/2015	20.5	351.0
06/01/2015	< 2.55	267.0
07/11/2015	23.2	270.0
01/25/2016	< 14.9	311.0
07/05/2016	< 10.7	194.0
01/23/2017	< 9.01	177.0
05/19/2017	< 8.0	271.0
07/17/2017	< 7.1	235.0
01/08/2018	< 6.27	150.0
07/11/2018	< 10.0	226.0
01/09/2019	< 0.552	214.0
05/09/2019	< 11.1	206.0
07/18/2019	< -0.518	207.0
01/13/2020	< -9.8	152.0
07/13/2020	< 3.89	235.0
01/13/2021	< -4.14	172.0
05/19/2021	< -0.479	146.0
07/14/2021	< -0.645	169.0
01/05/2022	< 1.16	139.0
07/21/2022	< -0.81	166.0
01/05/2023	< -1.76	148.0
05/16/2023	< 9.78	158.0
07/13/2023	< 12.5	177.0
01/04/2024	< -13.0	227.0
07/12/2024	< -0.149	
07/31/2024		305.0

Notes:

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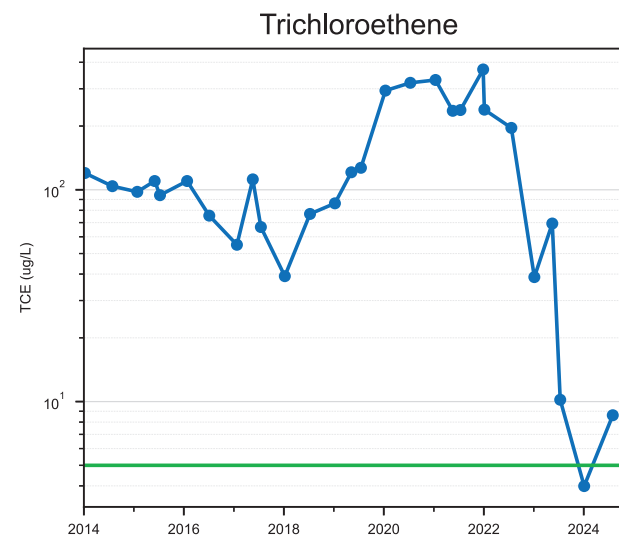
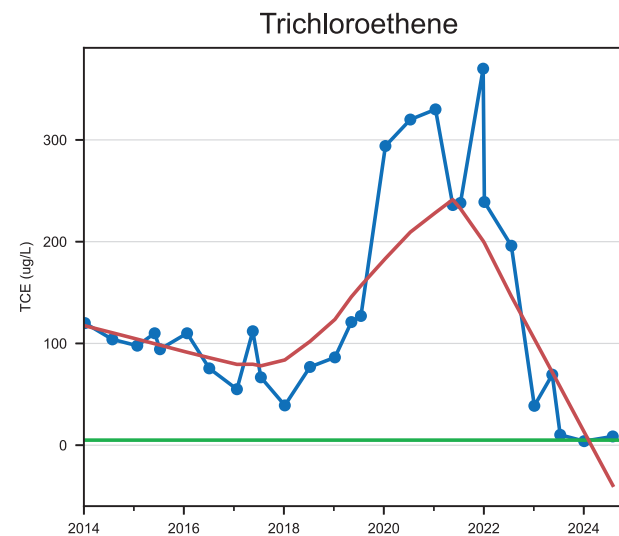
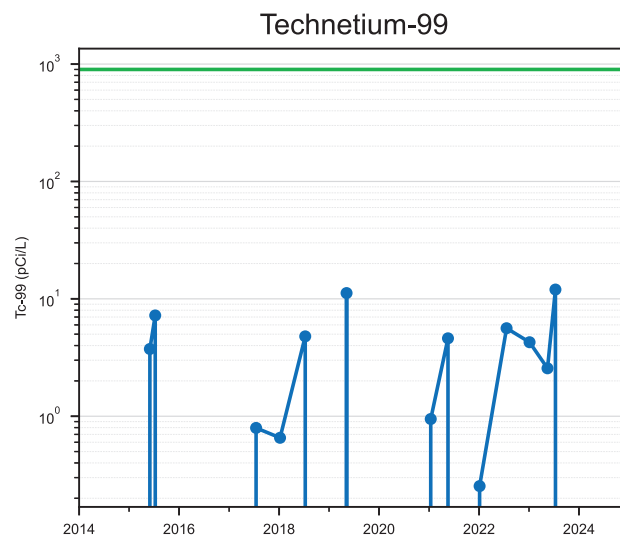
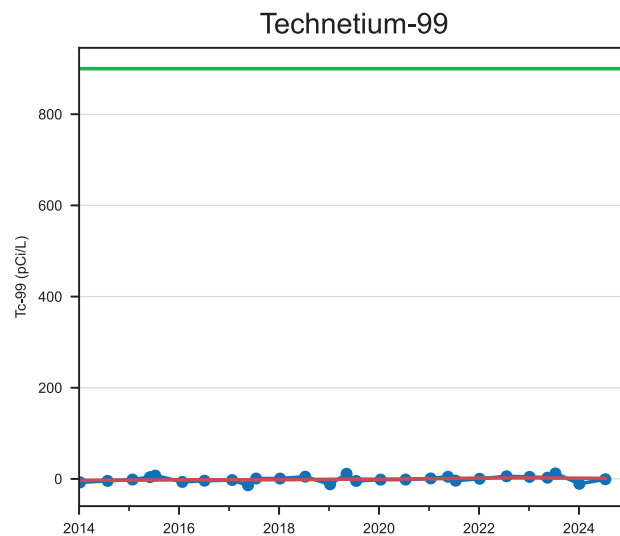
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Figure 48. Tc-99 and TCE at MW226 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/08/2014	< -7.61	120.0
07/28/2014	< -4.4	104.0
01/26/2015	< -1.45	97.8
06/02/2015	< 3.74	110.0
07/11/2015	< 7.22	94.3
01/25/2016	< -6.66	110.0
07/05/2016	< -4.03	75.5
01/23/2017	< -2.64	55.0
05/19/2017	< -14.1	112.0
07/17/2017	< 0.795	66.7
01/08/2018	< 0.655	39.1
07/11/2018	< 4.79	76.9
01/09/2019	< -12.0	86.3
05/09/2019	< 11.2	121.0
07/18/2019	< -4.58	127.0
01/13/2020	< -1.75	294.0
07/13/2020	< -1.56	320.0
01/13/2021	< 0.947	330.0
05/19/2021	< 4.61	236.0
07/14/2021	< -3.89	238.0
12/27/2021		370.0
01/05/2022	< 0.254	239.0
07/21/2022	< 5.62	196.0
01/05/2023	< 4.27	38.7
05/16/2023	< 2.56	69.3
07/13/2023	< 12.0	10.2
01/04/2024	< -10.8	3.99
07/12/2024	< -0.825	
07/31/2024		8.62

Notes:

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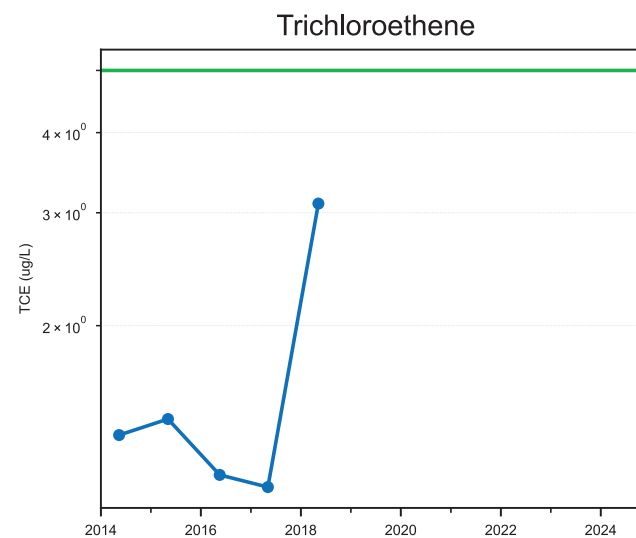
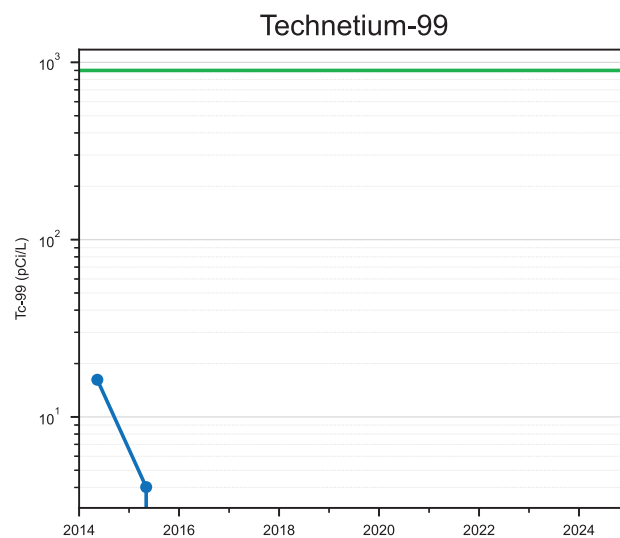
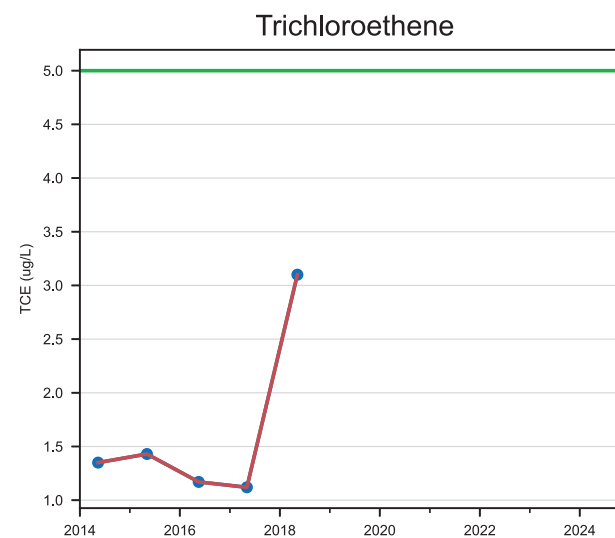
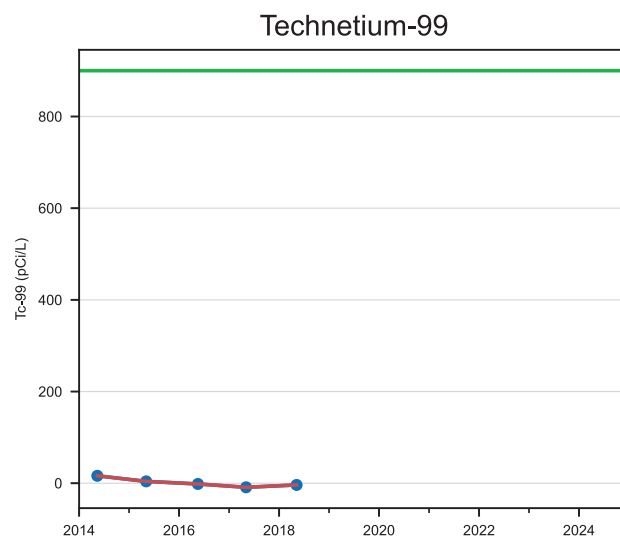
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Figure 49. Tc-99 and TCE at MW227 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/14/2014	< 16.2	1.35
05/06/2015	< 4.02	1.43
05/18/2016	< -1.63	1.17
05/05/2017	< -8.9	1.12
05/09/2018	< -3.77	3.1

Notes:

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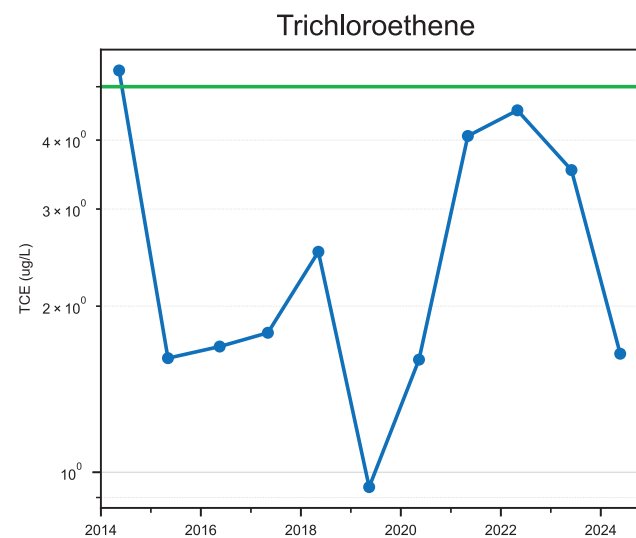
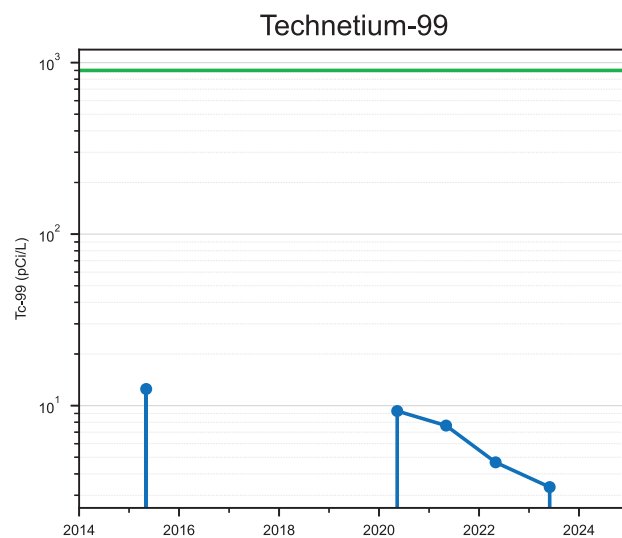
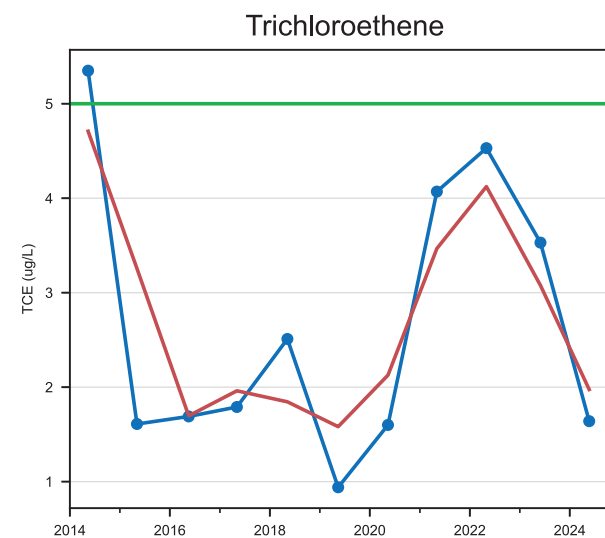
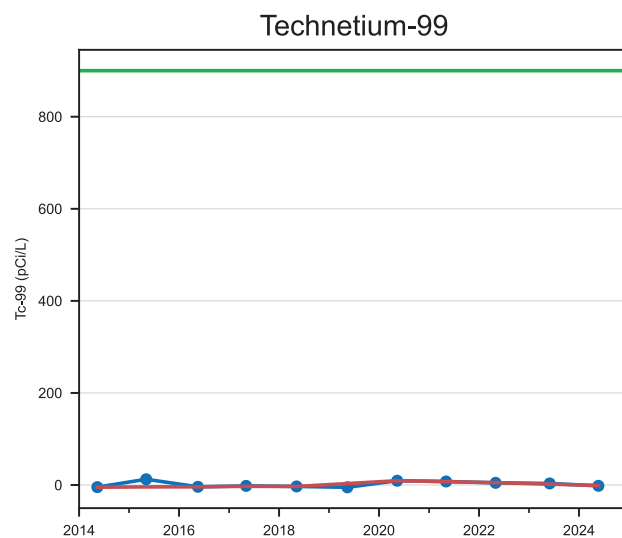
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Figure 50. Tc-99 and TCE at MW233 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/14/2014	< 4.62	5.35
05/06/2015	< 12.5	1.61
05/18/2016	< 3.93	1.69
05/05/2017	< 1.92	1.79
05/09/2018	< 3.13	2.51
05/15/2019	< 4.98	0.94
05/13/2020	< 9.3	1.6
05/05/2021	< 7.65	4.07
05/02/2022	< 4.67	4.53
06/01/2023	< 3.35	3.53
05/22/2024	< 1.75	1.64

Notes:

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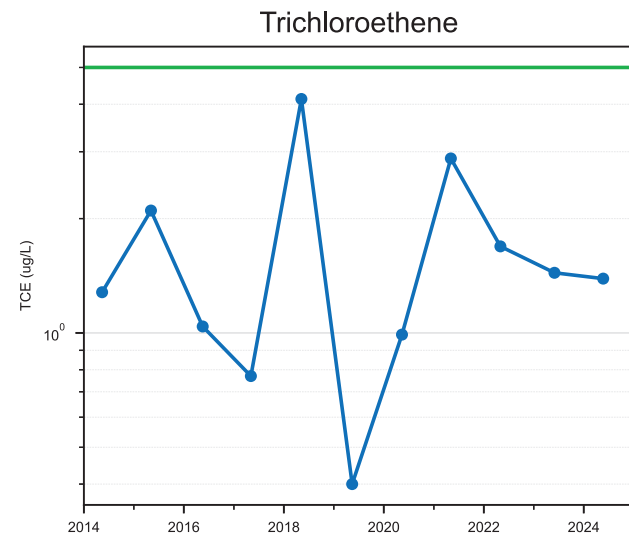
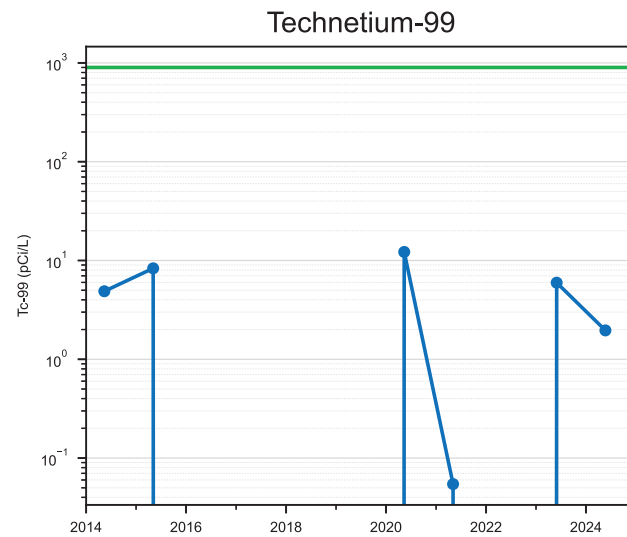
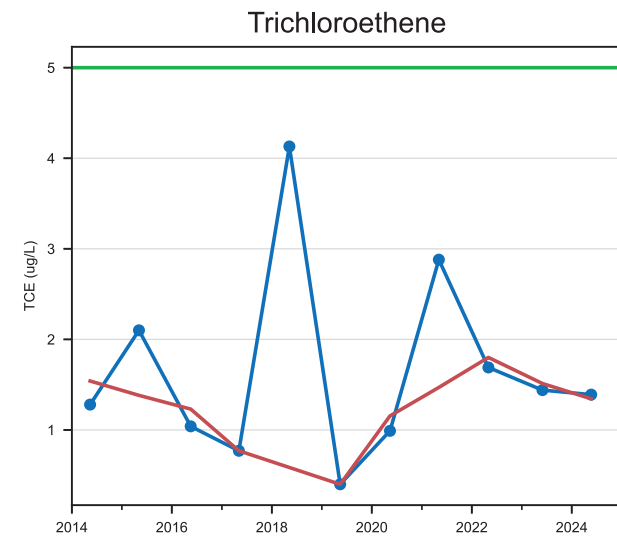
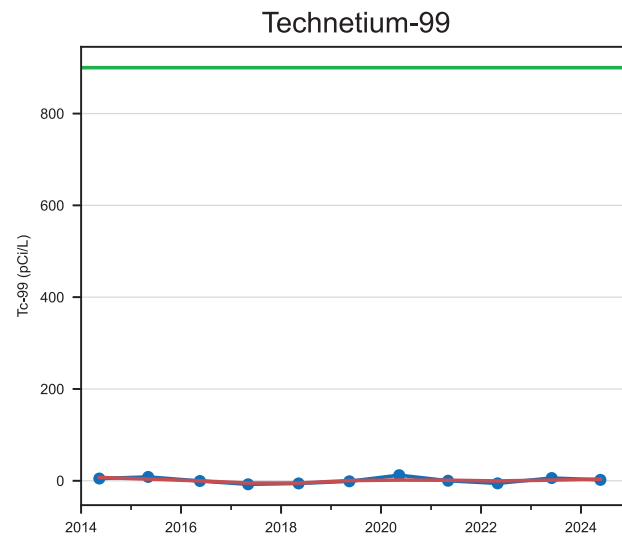
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Figure 51. Tc-99 and TCE at MW236 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/14/2014	< 4.88	1.28
05/06/2015	< 8.33	2.1
05/18/2016	< -0.498	1.04
05/05/2017	< -7.69	0.77
05/09/2018	< -5.81	4.13
05/15/2019	< -1.15	0.4
05/13/2020	< 12.2	0.99
05/05/2021	< 0.0545	2.88
05/02/2022	< -5.62	1.69
06/01/2023	< 5.96	1.44
05/22/2024	< 1.96	1.39

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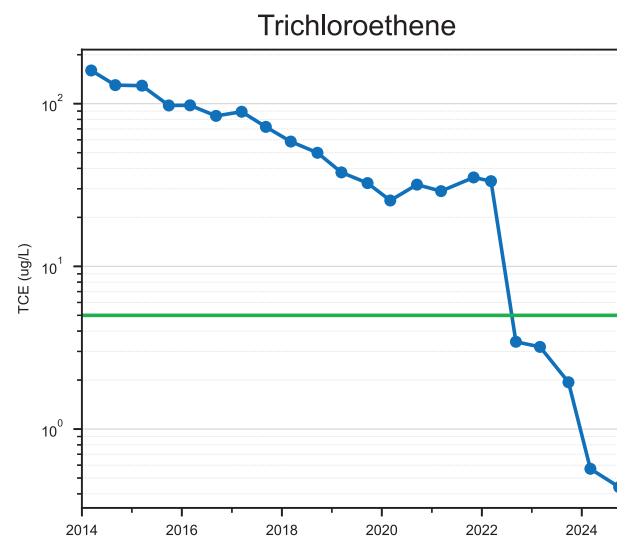
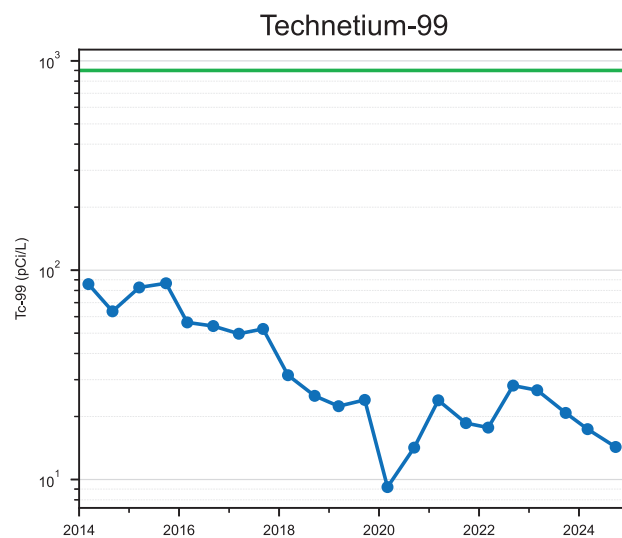
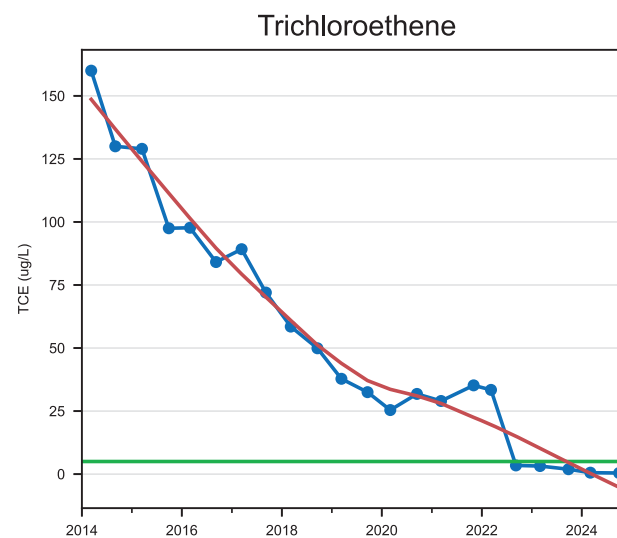
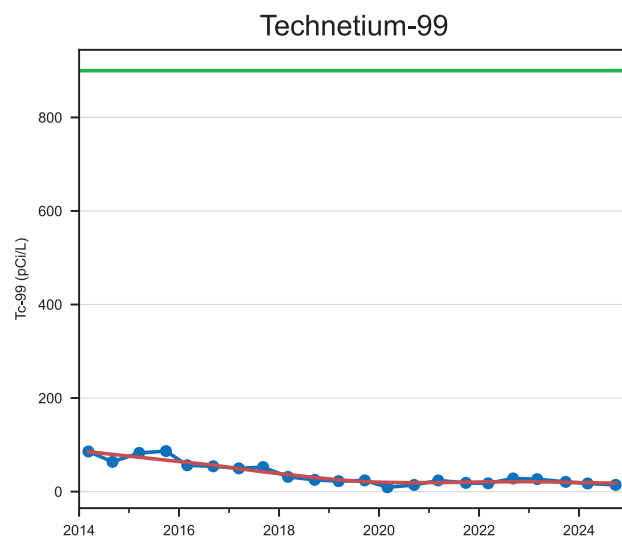
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Figure 52. Tc-99 and TCE at MW240 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/10/2014	85.8	160.0
09/02/2014	63.6	130.0
03/16/2015	82.7	129.0
09/28/2015	86.6	97.5
03/01/2016	56.3	97.7
09/07/2016	54.1	84.1
03/13/2017	49.7	89.2
09/06/2017	52.4	72.0
03/07/2018	31.5	58.5
09/18/2018	25.1	49.9
03/12/2019	22.4	37.8
09/19/2019	24.0	32.5
03/03/2020	< 9.2	25.4
09/14/2020	14.2	31.8
03/09/2021	23.9	29.0
09/27/2021	18.6	
11/02/2021		35.2
03/09/2022	17.7	33.4
09/07/2022	28.1	3.44
03/02/2023	26.7	3.2
09/26/2023	20.8	1.94
03/04/2024	17.4	0.57
09/25/2024	14.3	
09/30/2024		0.44

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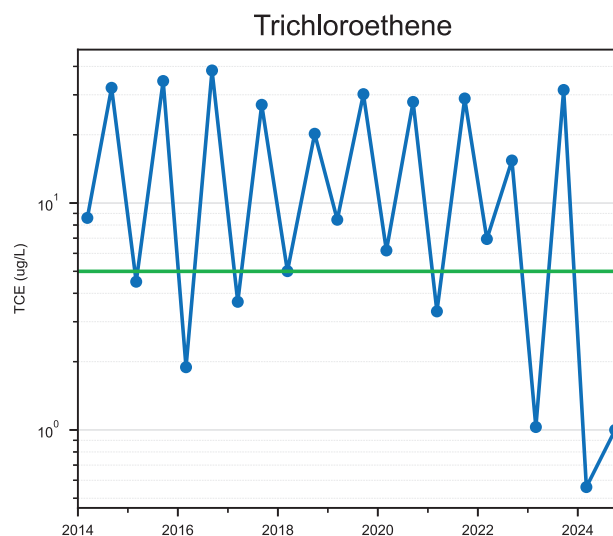
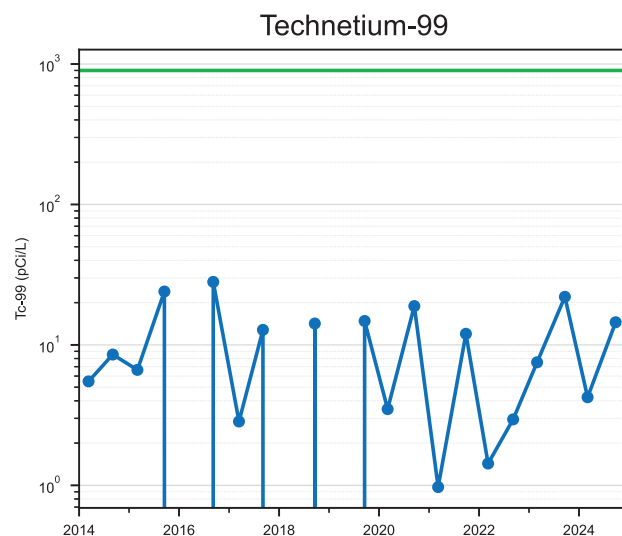
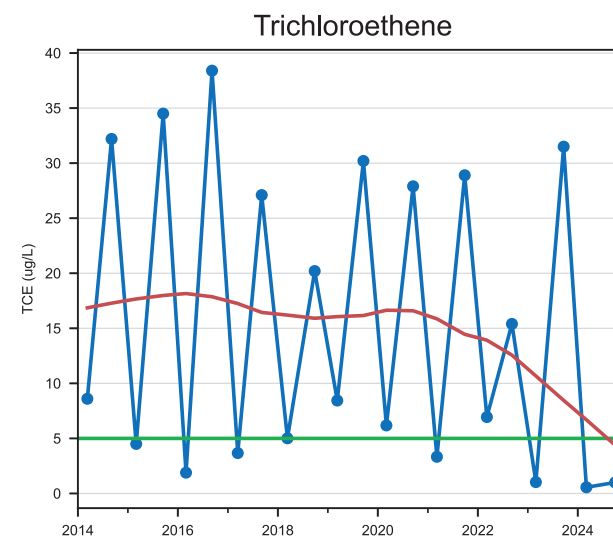
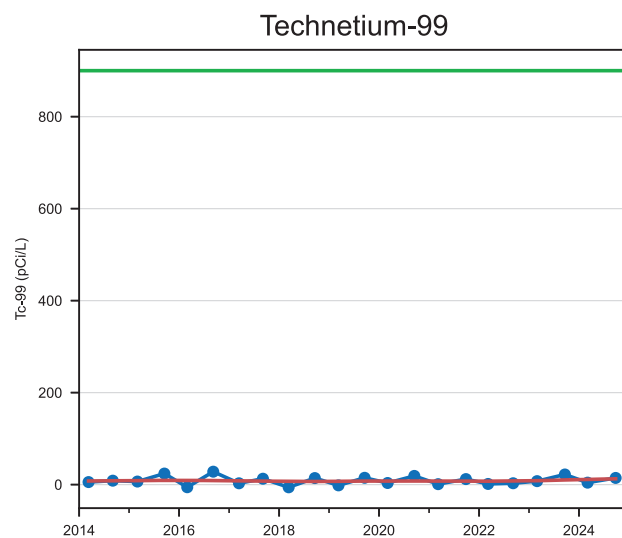

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Figure 53. Tc-99 and TCE at MW242 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/11/2014	< 5.5	8.6
09/04/2014	< 8.54	32.2
03/03/2015	< 6.64	4.5
09/16/2015	24.0	34.5
03/01/2016	< 5.71	1.89
09/07/2016	28.1	38.4
03/14/2017	< 2.85	3.67
09/05/2017	< 12.8	27.1
03/12/2018	< 5.86	5.01
09/19/2018	< 14.2	
09/27/2018		20.2
03/11/2019	< 1.65	8.44
09/18/2019	< 14.8	30.2
03/04/2020	< 3.49	6.18
09/15/2020	18.9	27.9
03/08/2021	< 0.972	3.33
09/27/2021	< 12.0	28.9
03/08/2022	< 1.43	6.94
09/07/2022	< 2.95	15.4
03/01/2023	< 7.52	1.03
09/20/2023	22.0	31.5
03/04/2024	< 4.24	0.56
09/25/2024	14.5	
09/30/2024		< 1.0

Notes:

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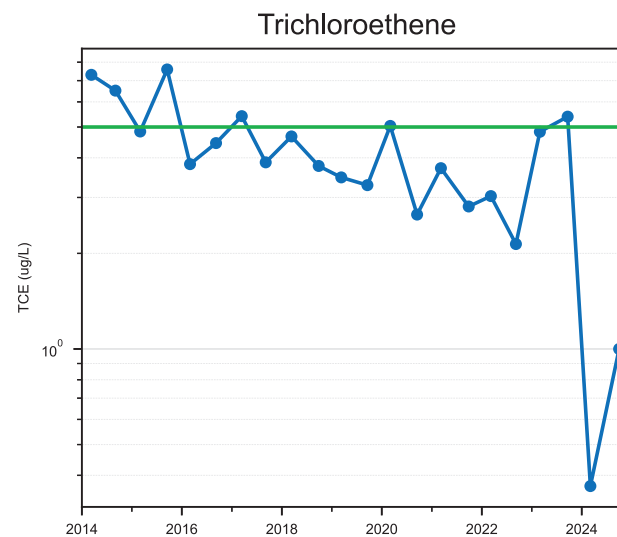
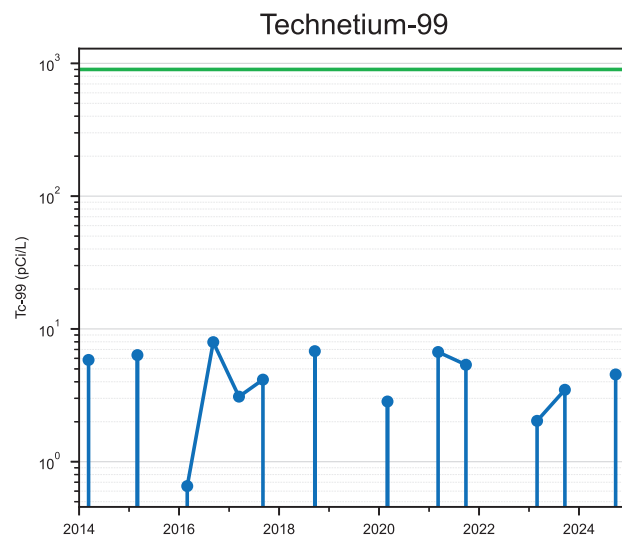
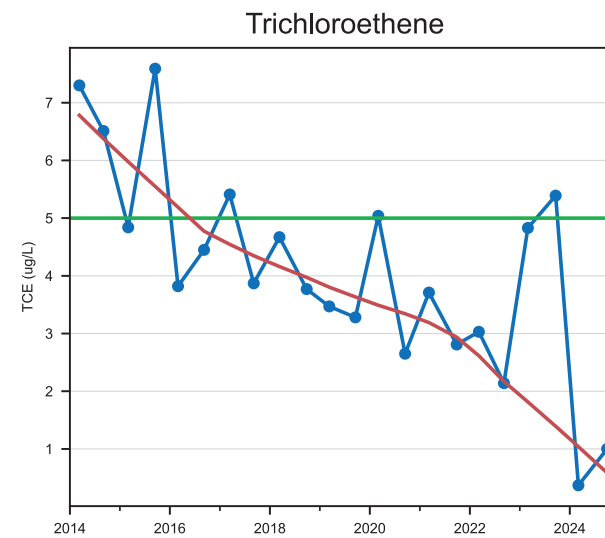
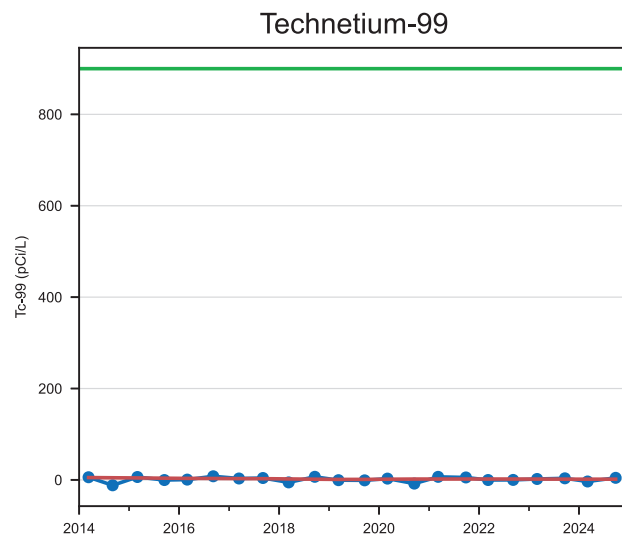
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Figure 54. Tc-99 and TCE at MW243 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/11/2014	< 5.84	7.3
09/03/2014	< 11.8	6.51
03/03/2015	< 6.35	4.84
09/16/2015	< 0.307	7.59
03/01/2016	< 0.655	3.82
09/07/2016	< 7.95	4.45
03/14/2017	< 3.09	5.41
09/05/2017	< 4.15	3.87
03/12/2018	< 5.45	4.67
09/19/2018	< 6.8	
09/27/2018		3.77
03/11/2019	< 0.588	3.47
09/18/2019	< 0.963	3.28
03/03/2020	< 2.84	5.04
09/15/2020	< 4.09	2.65
03/08/2021	< 6.7	3.71
09/27/2021	< 5.37	2.81
03/08/2022	< 0.241	3.03
09/07/2022	< 0.0314	2.14
03/01/2023	< 2.03	4.83
09/20/2023	< 3.48	5.39
03/04/2024	< 3.46	0.37
09/25/2024	< 4.54	
09/30/2024		< 1.0

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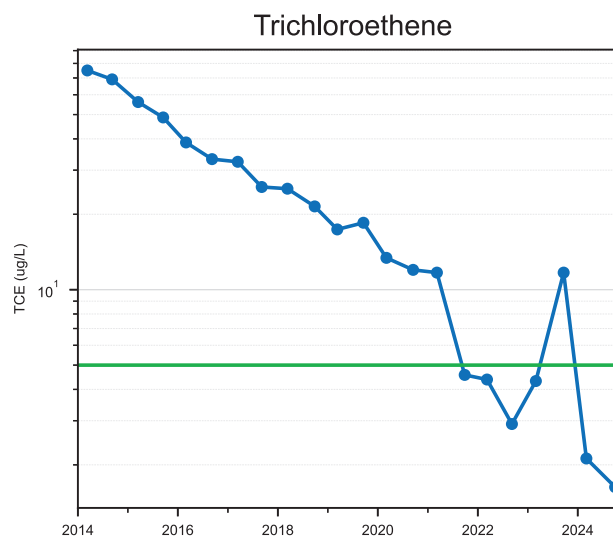
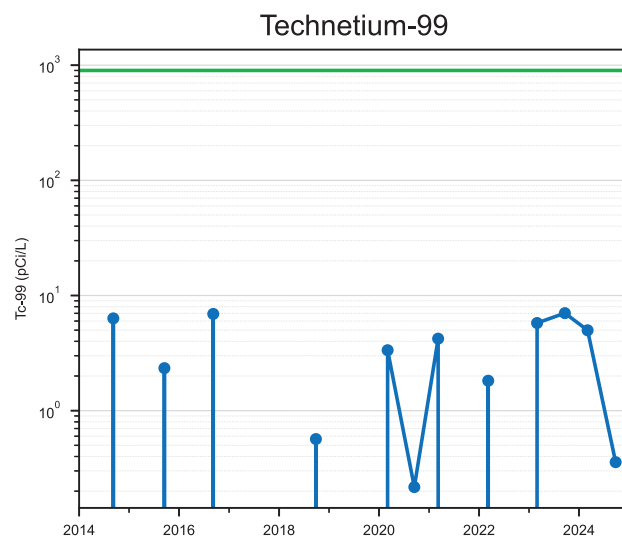
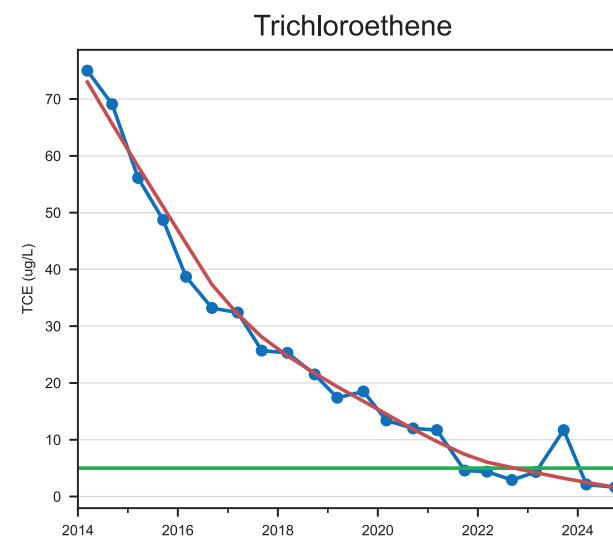
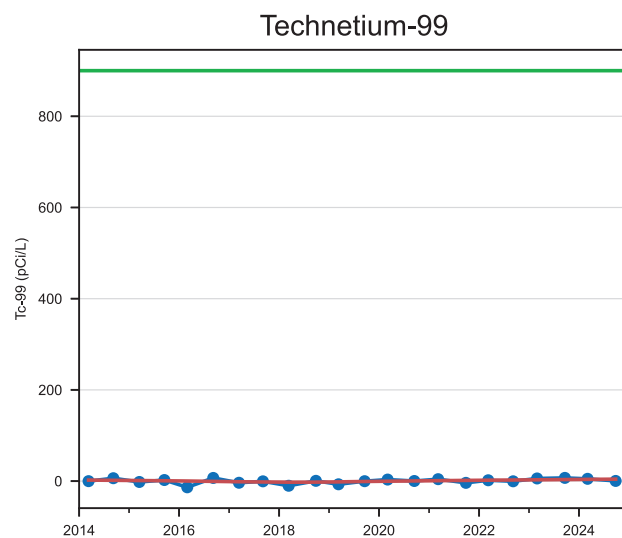
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Figure 55. Tc-99 and TCE at MW244 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/11/2014	< -0.112	75.0
09/08/2014	< 6.33	69.1
03/17/2015	< -1.91	56.1
09/16/2015	< 2.34	48.7
03/01/2016	< -13.6	38.7
09/07/2016	< 6.92	33.2
03/14/2017	< -3.64	32.4
09/05/2017	< -0.511	25.7
03/12/2018	< -10.2	25.3
09/27/2018	< 0.567	21.5
03/11/2019	< -7.0	17.4
09/18/2019	< -0.193	18.5
03/04/2020	< 3.35	13.4
09/15/2020	< 0.217	12.0
03/08/2021	< 4.22	11.7
09/27/2021	< -3.86	4.57
03/09/2022	< 1.82	4.38
09/07/2022	< -0.421	2.91
03/01/2023	< 5.77	4.32
09/20/2023	< 7.03	11.7
03/04/2024	< 4.99	2.12
09/25/2024	< 0.357	
09/30/2024		1.63

Notes:

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- A fraction of 0.5 was used, which affects how many points are considered to be local for each point.



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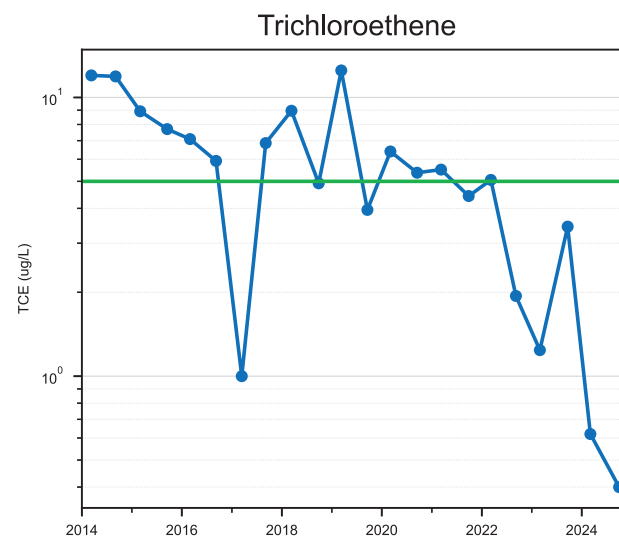
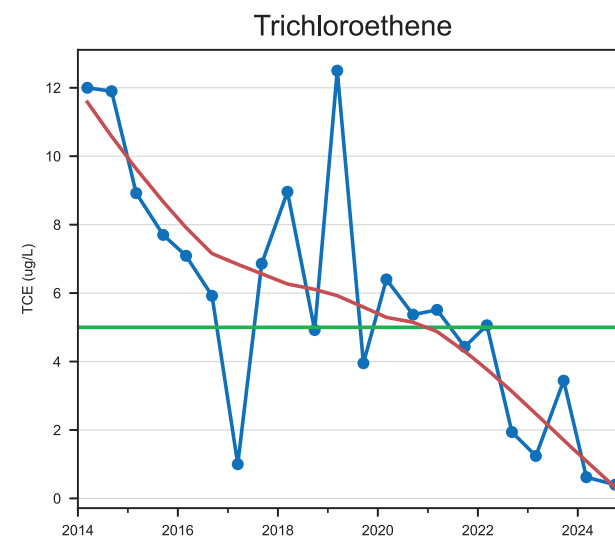
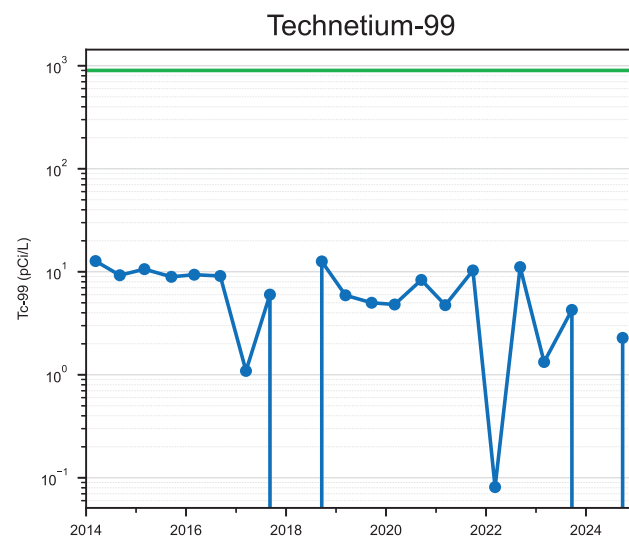
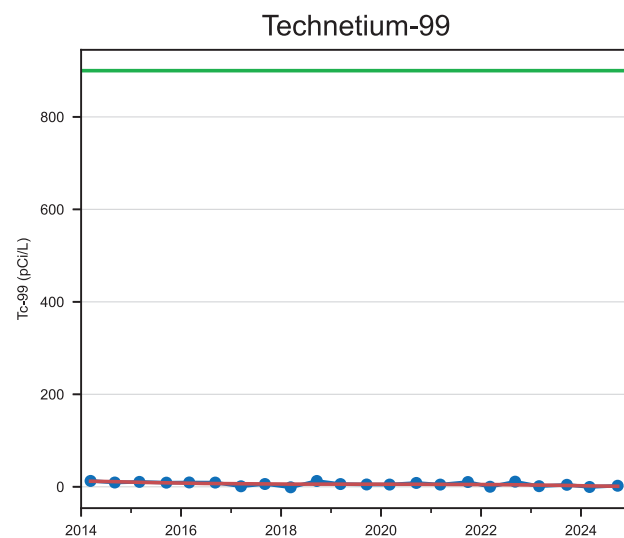
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Figure 56. Tc-99 and TCE at MW245 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/11/2014	< 12.7	12.0
09/04/2014	< 9.25	11.9
03/03/2015	< 10.6	8.92
09/16/2015	< 8.93	7.7
03/01/2016	< 9.36	7.09
09/07/2016	< 9.1	5.92
03/14/2017	< 1.09	< 1.0
09/05/2017	< 6.0	6.86
03/12/2018	< -1.1	8.96
09/19/2018	< 12.6	
09/27/2018		4.92
03/11/2019	< 5.91	12.5
09/18/2019	< 5.0	3.95
03/04/2020	< 4.81	6.4
09/15/2020	< 8.33	5.37
03/09/2021	< 4.74	5.51
09/27/2021	< 10.3	4.43
03/08/2022	< 0.0812	5.06
09/07/2022	< 11.1	1.94
03/01/2023	< 1.33	1.24
09/20/2023	< 4.26	3.44
03/04/2024	< -0.416	0.62
09/25/2024	< 2.28	
09/30/2024		0.4

Notes:

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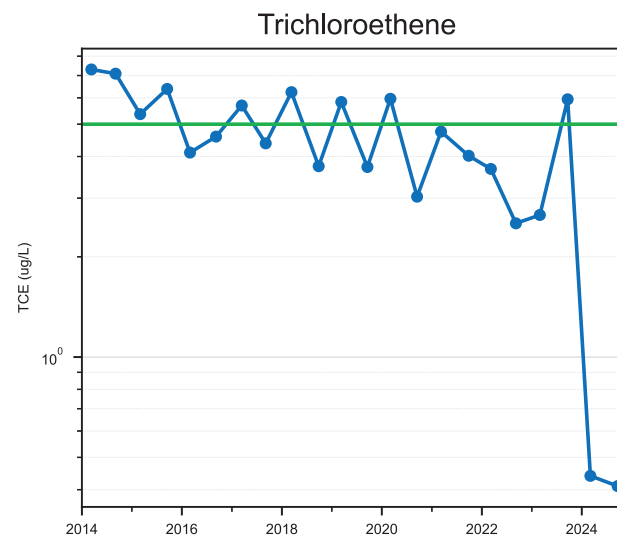
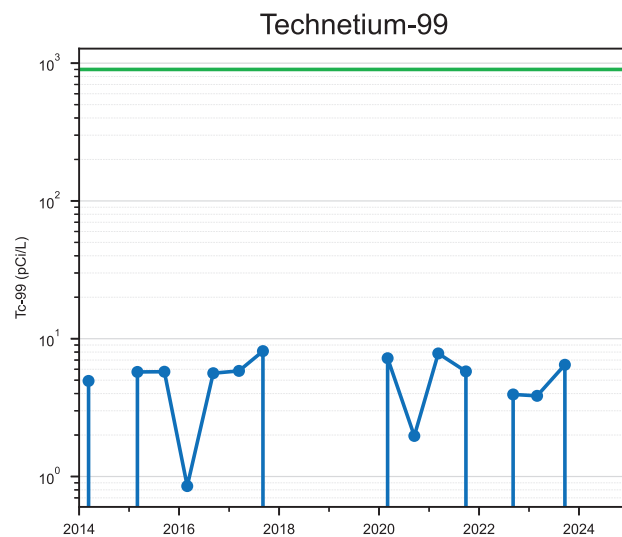
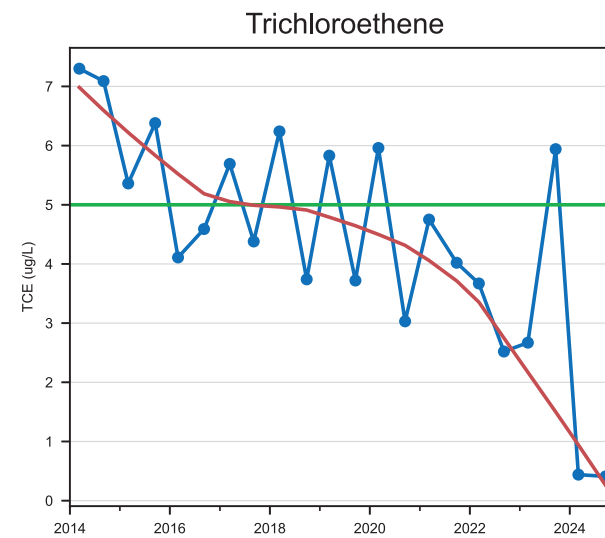
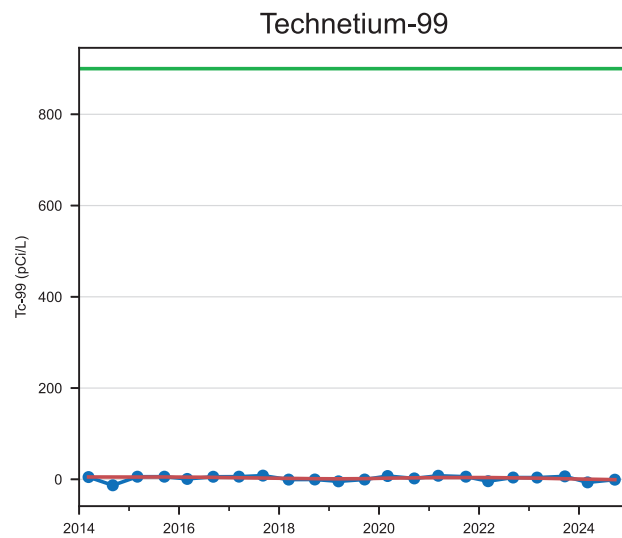
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Figure 57. Tc-99 and TCE at MW248 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/11/2014	< 4.94	7.3
09/04/2014	< -13.1	7.09
03/03/2015	< 5.74	5.36
09/16/2015	< 5.76	6.38
03/01/2016	< 0.852	4.11
09/07/2016	< 5.62	4.59
03/14/2017	< 5.84	5.69
09/05/2017	< 8.13	4.38
03/12/2018	< -0.586	6.24
09/19/2018	< -0.378	
09/27/2018		3.74
03/11/2019	< 4.42	5.83
09/18/2019	< -0.409	3.72
03/04/2020	< 7.22	5.96
09/15/2020	< 1.97	3.03
03/09/2021	< 7.82	4.75
09/27/2021	< 5.79	4.02
03/08/2022	< 4.12	3.67
09/07/2022	< 3.94	2.52
03/01/2023	< 3.85	2.67
09/20/2023	< 6.47	5.94
03/04/2024	< 6.72	0.44
09/19/2024	< -0.793	0.41

Notes:

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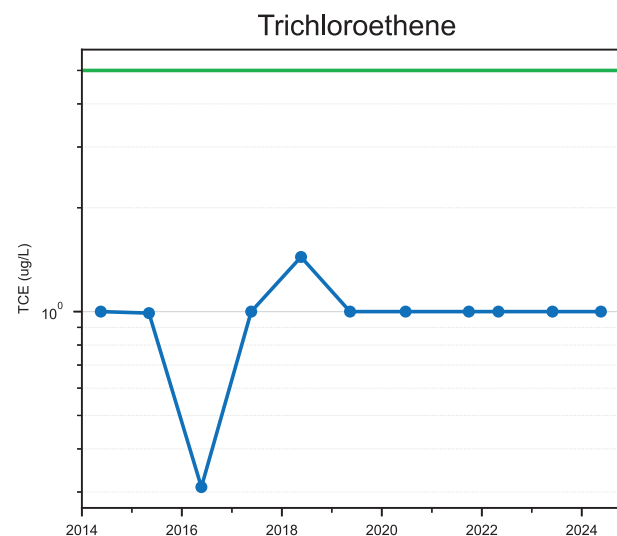
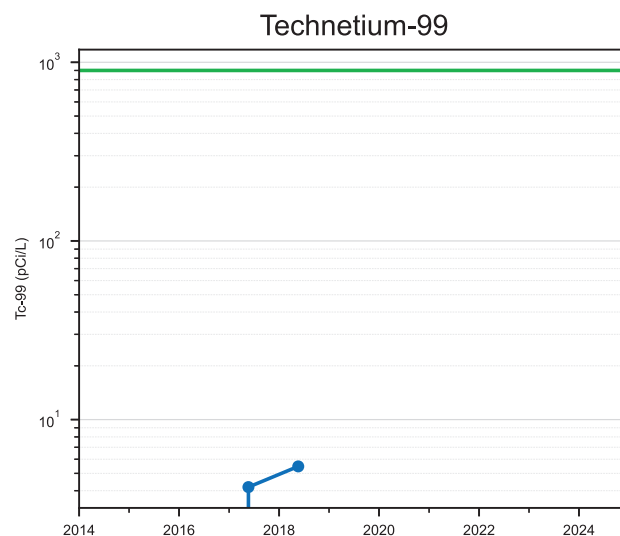
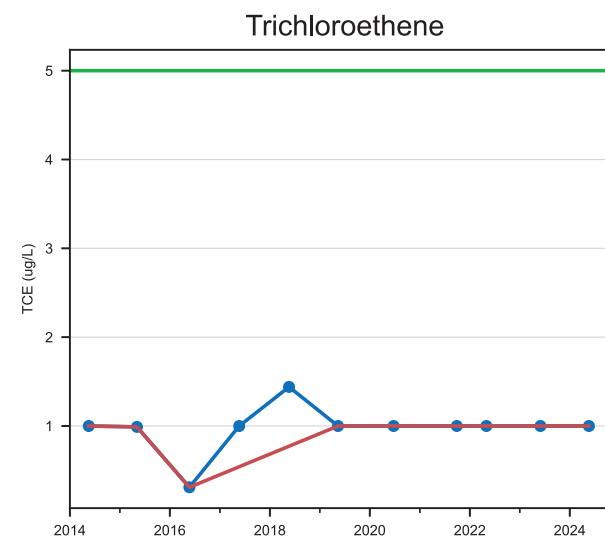
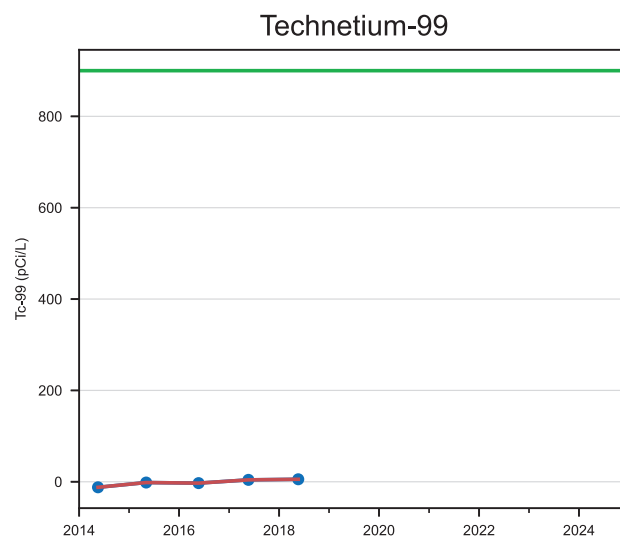
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Figure 58. Tc-99 and TCE at MW250 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/19/2014	< -12.1	< 1.0
05/06/2015	< -1.68	0.99
05/23/2016	< -2.95	0.31
05/22/2017	< 4.19	< 1.0
05/21/2018	< 5.47	1.44
05/14/2019		< 1.0
06/23/2020		< 1.0
09/28/2021		< 1.0
05/02/2022		< 1.0
06/01/2023		< 1.0
05/20/2024		< 1.0

Notes:

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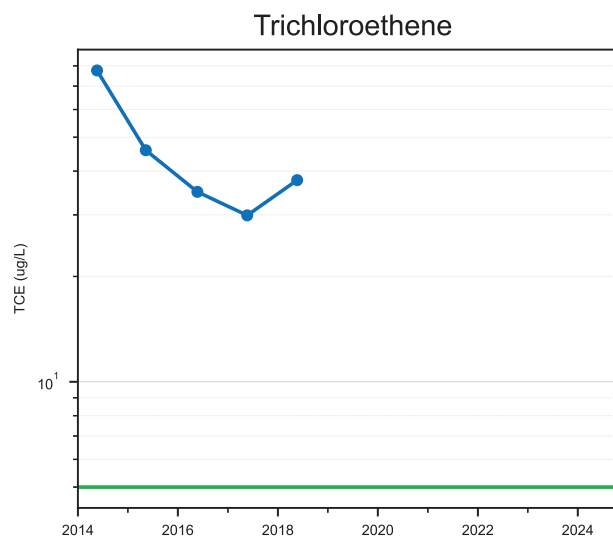
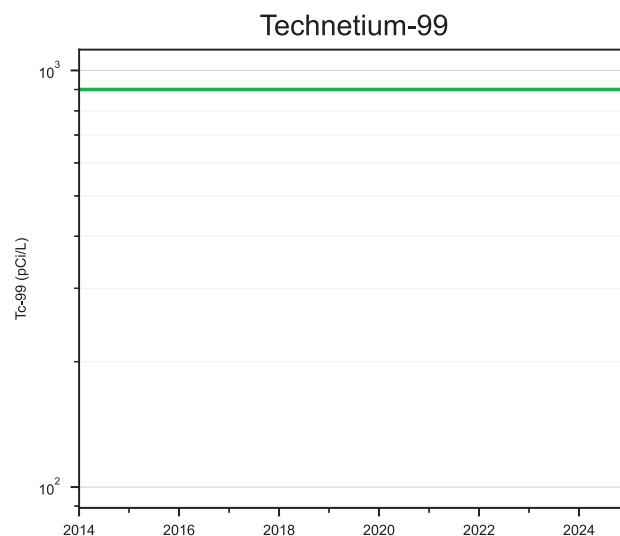
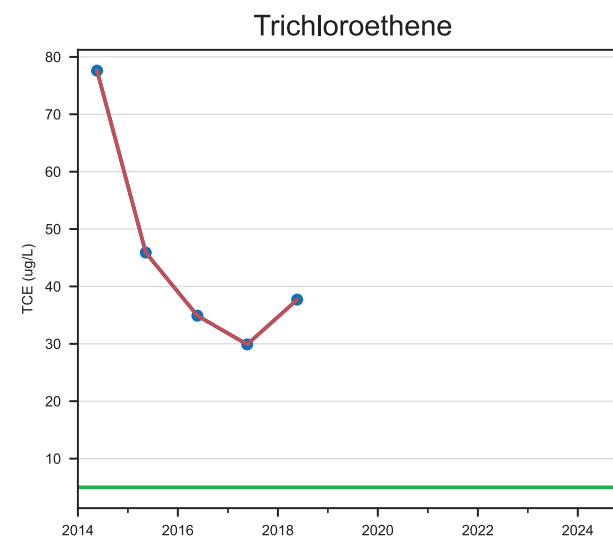
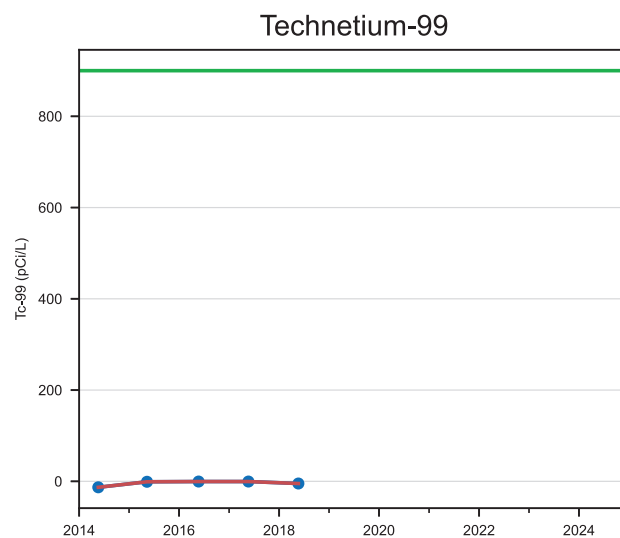
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Figure 59. Tc-99 and TCE at MW252 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/21/2014	< -13.1	77.6
05/12/2015	< -0.994	45.9
05/23/2016	< -0.467	34.9
05/22/2017	< -0.47	29.9
05/22/2018	< -4.8	37.7

Notes:

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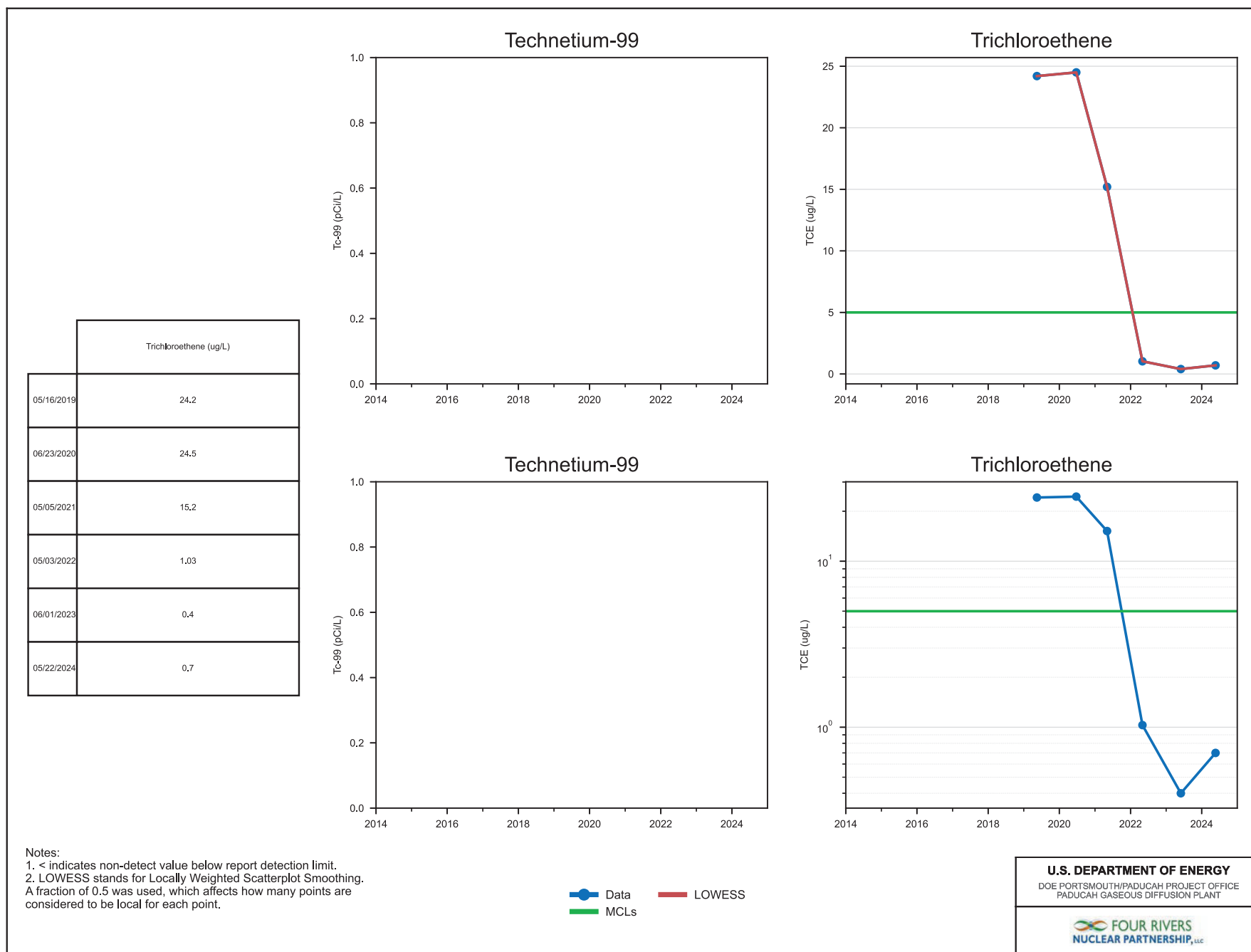


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Figure 60. Tc-99 and TCE at MW253 (RGA)



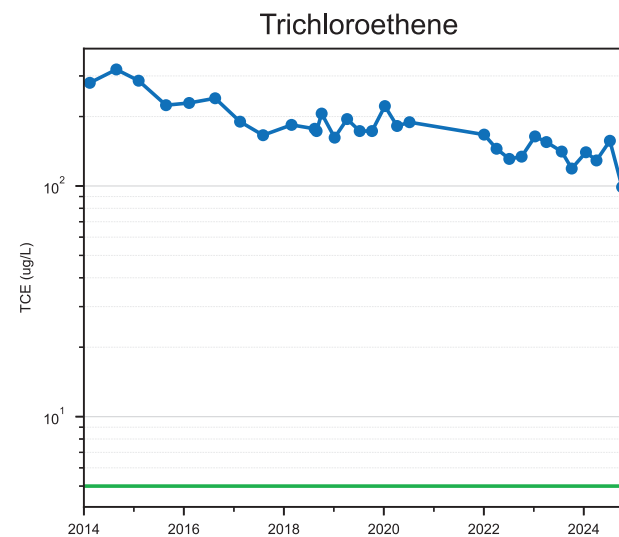
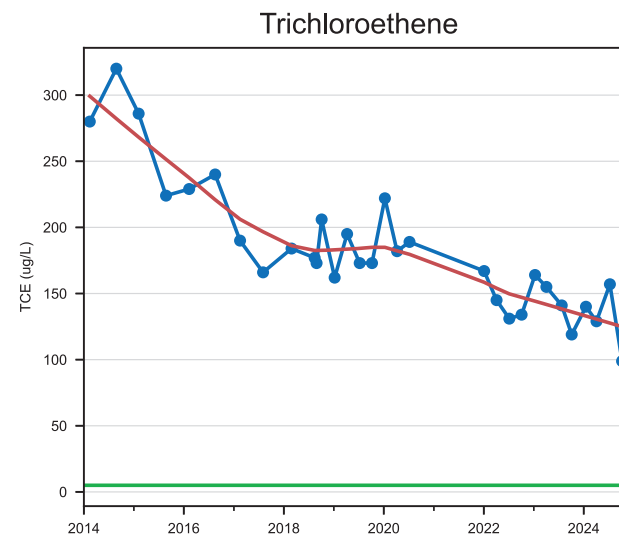
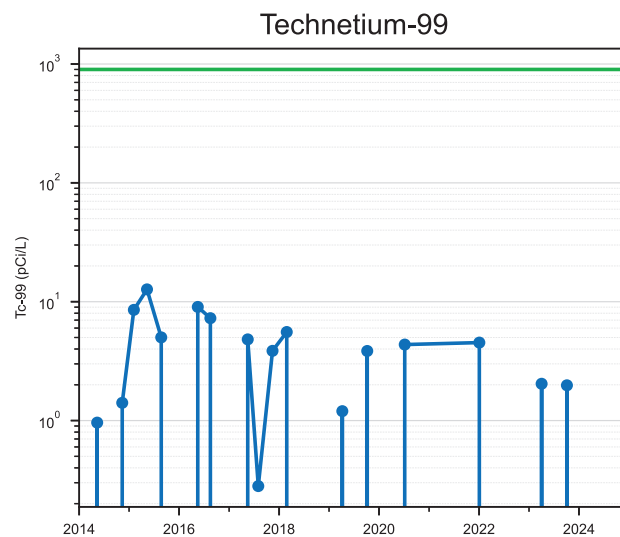
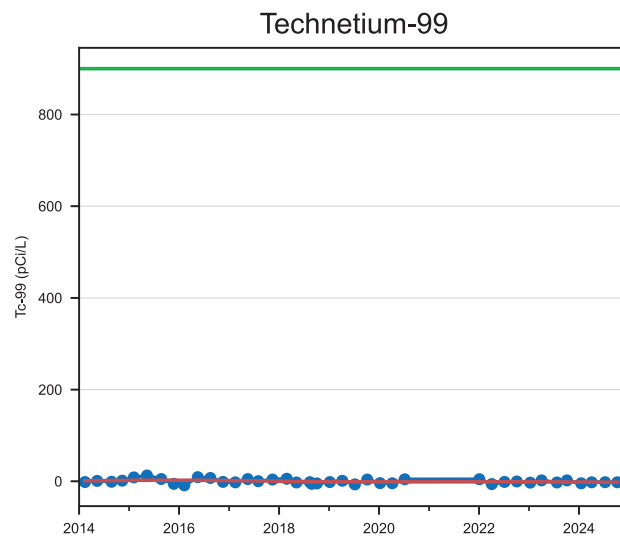
Source: Trend_Plots_V1.ipynb

Figure 61. Tc-99 and TCE at MW253A (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/13/2014	< -1.59	280.0
05/13/2014	< 0.961	
08/26/2014	< -0.985	320.0
11/12/2014	< 1.41	
02/05/2015	< 8.54	286.0
05/12/2015	< 12.7	
08/24/2015	< 5.01	224.0
11/24/2015	< -5.5	
02/09/2016	< -8.7	229.0
05/17/2016	< 9.04	
08/17/2016	< 7.27	240.0
11/17/2016	< -1.29	
02/15/2017	< -2.25	190.0
05/17/2017	< 4.82	
08/02/2017	< 0.281	166.0
11/14/2017	< 3.86	
02/26/2018	< 5.56	184.0
05/08/2018	< -2.55	
08/14/2018	< -1.92	177.0
08/28/2018	< -5.48	173.0
10/04/2018	< -4.57	206.0
01/07/2019	< -1.67	162.0
04/08/2019	< 1.2	195.0
07/09/2019	< -6.71	173.0
10/07/2019	< 3.85	173.0
01/09/2020	< -3.97	222.0
04/07/2020	< -4.26	182.0
07/07/2020	< 4.36	189.0
01/03/2022	< 4.53	167.0
04/04/2022	< -6.04	145.0
07/06/2022	< -1.34	131.0
10/04/2022	< -0.316	134.0
01/10/2023	< -2.88	164.0
04/03/2023	< 2.04	155.0
07/24/2023	< -2.52	141.0
10/05/2023	< 1.98	119.0
01/17/2024	< -4.34	140.0
04/03/2024	< -2.15	129.0
07/10/2024	< -1.96	157.0
10/07/2024	< -2.13	98.9

Notes:

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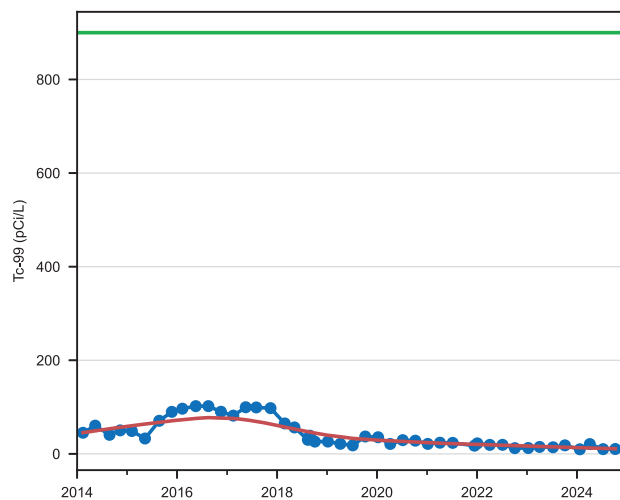
Figure 62. Tc-99 and TCE at MW255 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/13/2014	45.1	170.0
05/13/2014	60.3	
08/26/2014	40.7	168.0
11/12/2014	50.2	
02/05/2015	48.8	194.0
05/12/2015	32.8	
08/24/2015	70.7	207.0
11/24/2015	89.8	
02/09/2016	96.5	321.0
05/17/2016	102.0	
08/17/2016	102.0	330.0
11/17/2016	90.0	
02/15/2017	81.7	298.0
05/17/2017	99.6	
08/02/2017	99.2	294.0
11/14/2017	97.7	
02/26/2018	65.0	215.0
05/08/2018	56.5	
08/14/2018	30.0	145.0
08/28/2018	38.9	126.0
10/04/2018	26.2	137.0
01/07/2019	26.3	150.0
04/08/2019	21.5	109.0
07/08/2019	18.2	130.0
10/07/2019	37.1	182.0
01/09/2020	35.5	179.0
04/07/2020	21.2	179.0
07/07/2020	29.3	161.0
10/07/2020	28.2	130.0
01/06/2021	21.3	117.0
04/05/2021	23.8	135.0
07/07/2021	23.5	130.0
12/13/2021	17.5	98.7
01/03/2022	22.4	115.0
04/04/2022	19.2	102.0
07/06/2022	19.3	83.3
10/04/2022	12.2	108.0
01/10/2023	12.5	110.0
04/03/2023	14.8	120.0
07/10/2023	14.1	85.4
10/05/2023	18.2	58.4
01/22/2024	< 9.76	65.1
04/04/2024	20.9	51.5
07/10/2024	< 10.1	56.8
10/07/2024	< 10.4	28.0

Notes:

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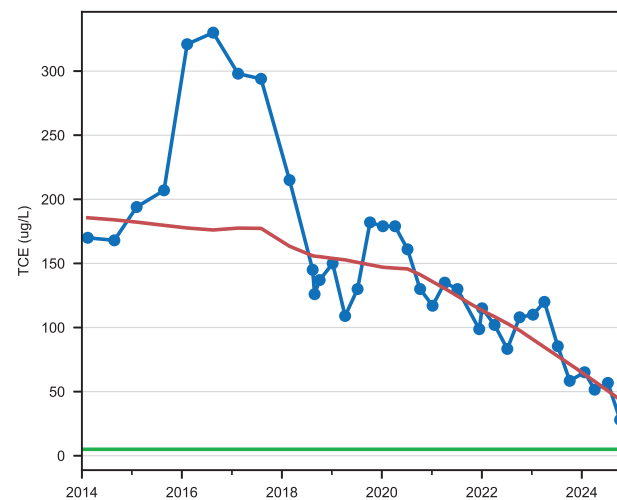
Technetium-99



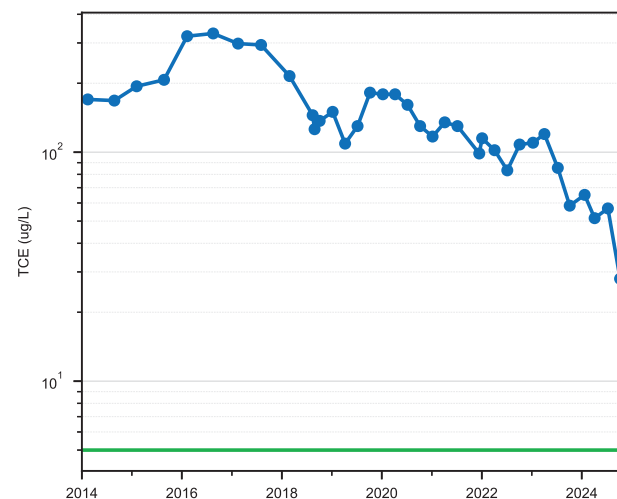
Technetium-99



Trichloroethene



Trichloroethene



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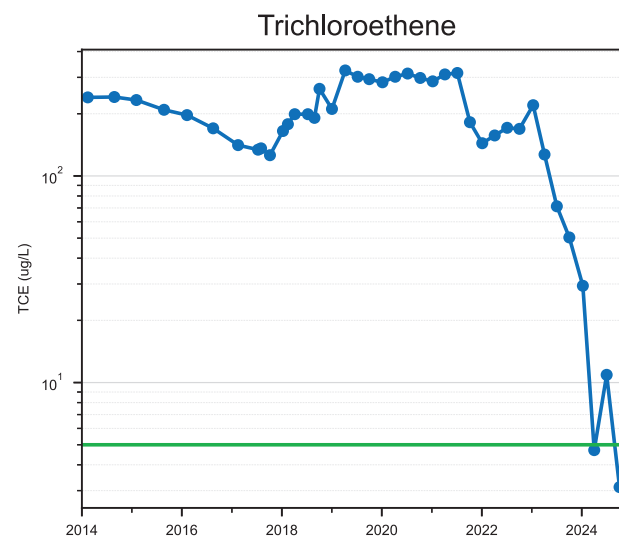
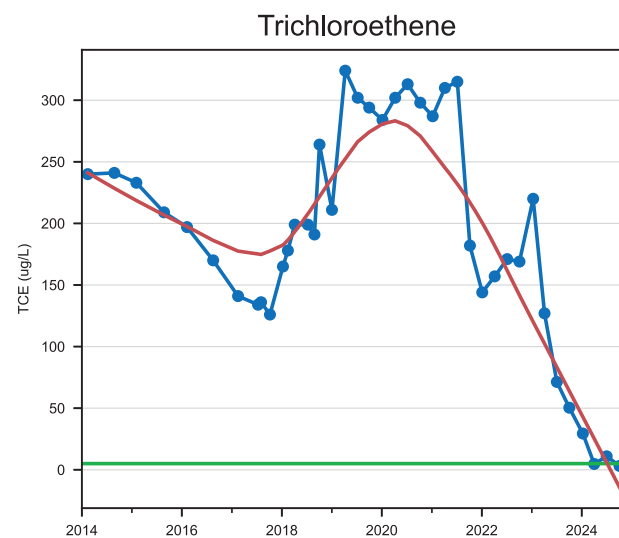
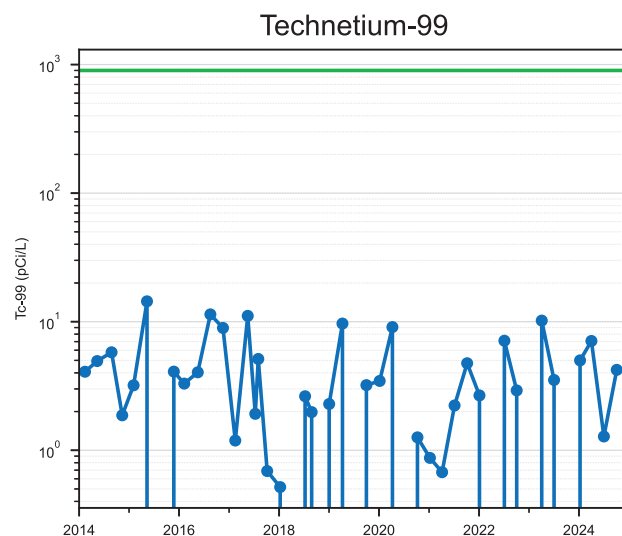
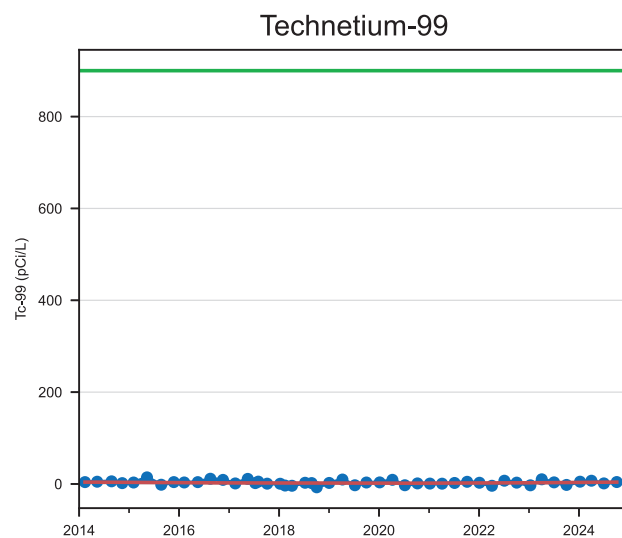
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Figure 63. Tc-99 and TCE at MW256 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/13/2014	< 4.08	240.0
05/13/2014	< 4.94	
08/26/2014	< 5.78	241.0
11/12/2014	< 1.87	
02/03/2015	< 3.2	233.0
05/12/2015	< 14.4	
08/24/2015	< -1.63	209.0
11/24/2015	< 4.09	
02/08/2016	< 3.3	197.0
05/17/2016	< 4.04	
08/17/2016	< 11.4	170.0
11/17/2016	< 8.94	
02/15/2017	< 1.19	141.0
05/17/2017	< 11.1	
07/11/2017	< 1.92	134.0
08/02/2017	< 5.13	136.0
10/06/2017	< 0.689	126.0
01/09/2018	< 0.517	165.0
02/14/2018	< -3.38	178.0
04/05/2018	< -3.87	199.0
07/10/2018	< 2.63	199.0
08/27/2018	< 1.98	191.0
10/03/2018	< -7.22	264.0
01/02/2019	< 2.29	211.0
04/09/2019	< 9.67	324.0
07/09/2019	< -2.76	302.0
10/01/2019	< 3.21	294.0
01/06/2020	< 3.46	284.0
04/08/2020	< 9.08	302.0
07/08/2020	< -2.72	313.0
10/08/2020	< 1.26	298.0
01/07/2021	< 0.872	287.0
04/06/2021	< 0.675	310.0
07/06/2021	< 2.23	315.0
10/06/2021	< 4.75	182.0
01/04/2022	< 2.67	144.0
04/05/2022	< -3.88	157.0
07/05/2022	< 7.11	171.0
10/03/2022	< 2.92	169.0
01/11/2023	< -2.87	220.0
04/04/2023	< 10.2	127.0
07/03/2023	< 3.52	71.3
10/02/2023	< -2.04	50.4
01/09/2024	< 5.0	29.4
04/01/2024	< 7.08	4.71
07/01/2024	< 1.28	10.9
10/03/2024	< 4.22	3.12

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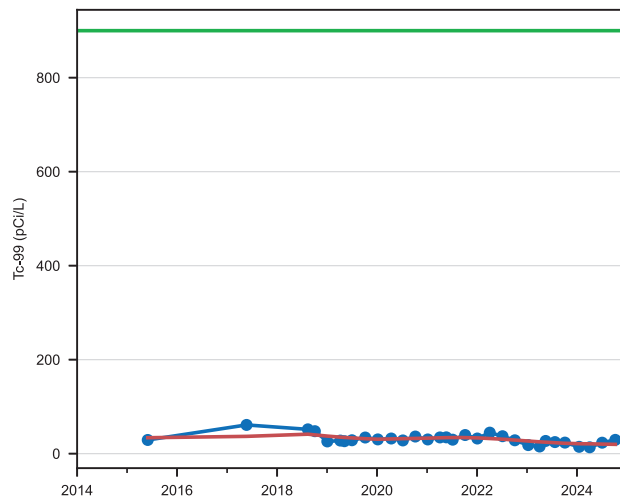
Figure 64. Tc-99 and TCE at MW258 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
06/01/2015	29.1	403.0
05/23/2017	61.1	258.0
08/14/2018	51.7	123.0
10/04/2018	47.8	126.0
01/03/2019	26.0	68.8
04/08/2019	27.8	80.4
05/08/2019	26.5	80.5
07/02/2019	28.5	92.6
10/07/2019	34.3	72.9
01/07/2020	30.3	75.9
04/14/2020	32.2	52.1
07/08/2020	28.1	72.1
10/07/2020	36.4	51.3
01/06/2021	30.2	50.5
04/05/2021	34.5	59.2
05/21/2021	34.7	55.4
07/07/2021	29.7	62.6
10/06/2021	39.6	45.6
01/03/2022	32.2	52.5
04/04/2022	44.7	62.0
07/06/2022	37.1	66.9
10/04/2022	28.4	38.9
01/10/2023	18.2	42.4
04/03/2023	15.2	32.4
05/17/2023	27.0	35.2
07/24/2023	24.6	38.4
10/05/2023	23.5	30.1
01/17/2024	14.5	18.1
04/03/2024	13.5	16.3
07/03/2024	23.3	9.96
10/07/2024	29.3	5.57

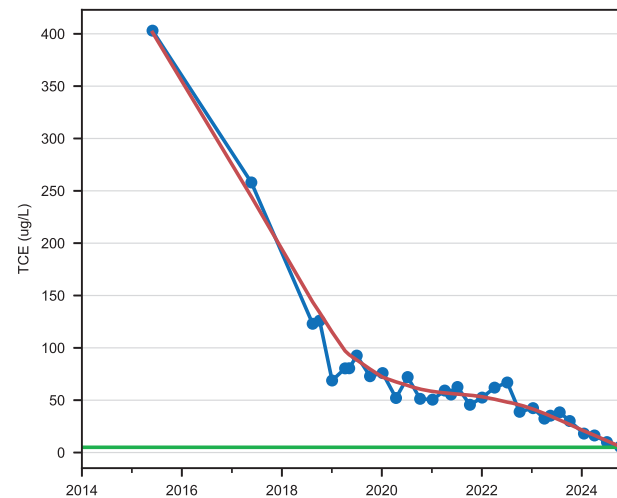
Notes:

1. < indicates non-detect value below report detection limit.
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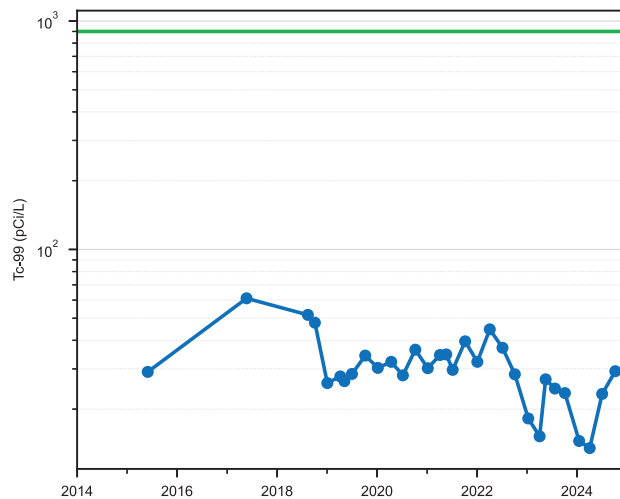
Technetium-99



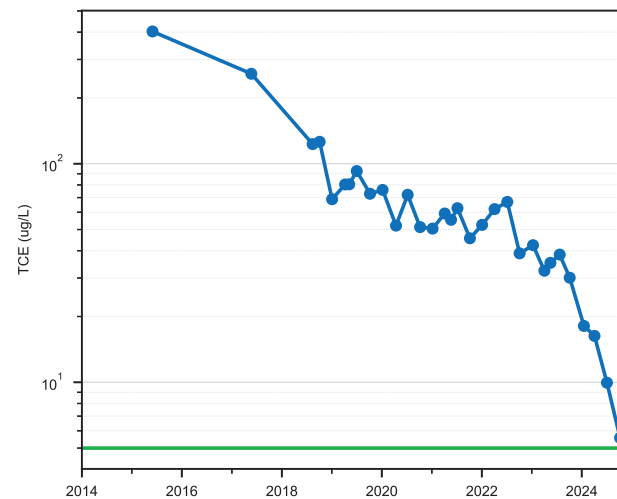
Trichloroethene



Technetium-99



Trichloroethene



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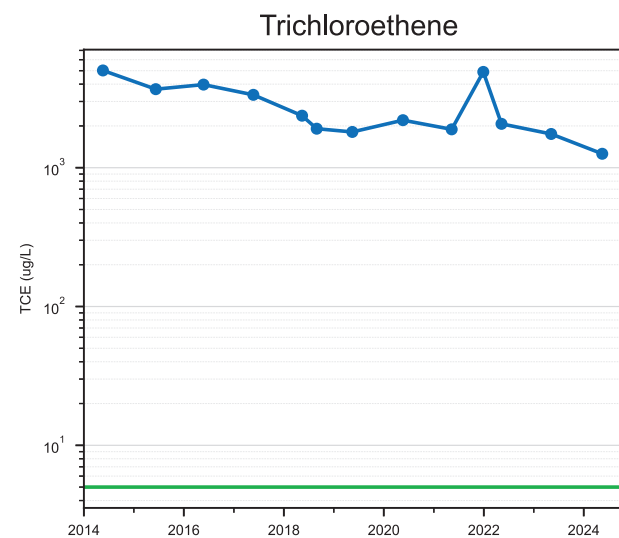
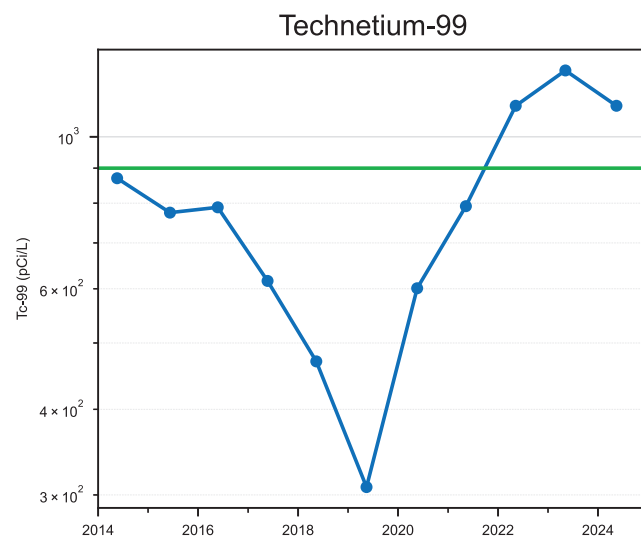
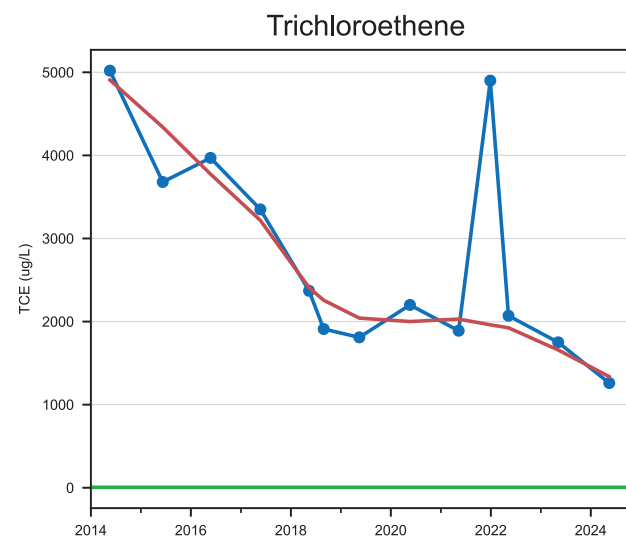
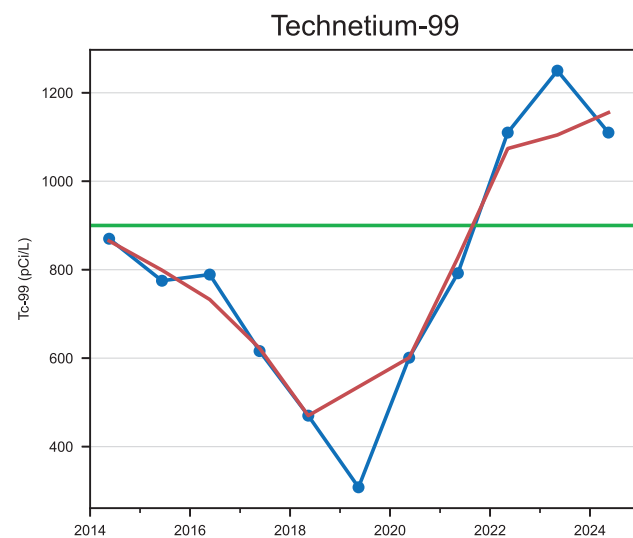
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Figure 65. Tc-99 and TCE at MW260 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/20/2014	870.0	5020.0
06/10/2015	775.0	3680.0
05/24/2016	789.0	3970.0
05/23/2017	616.0	3350.0
05/14/2018	470.0	2370.0
08/29/2018		1910.0
05/16/2019	308.0	1810.0
05/20/2020	601.0	2200.0
05/11/2021	792.0	1890.0
12/28/2021		4900.0
05/10/2022	1110.0	2070.0
05/08/2023	1250.0	1750.0
05/15/2024	1110.0	1260.0

Notes:

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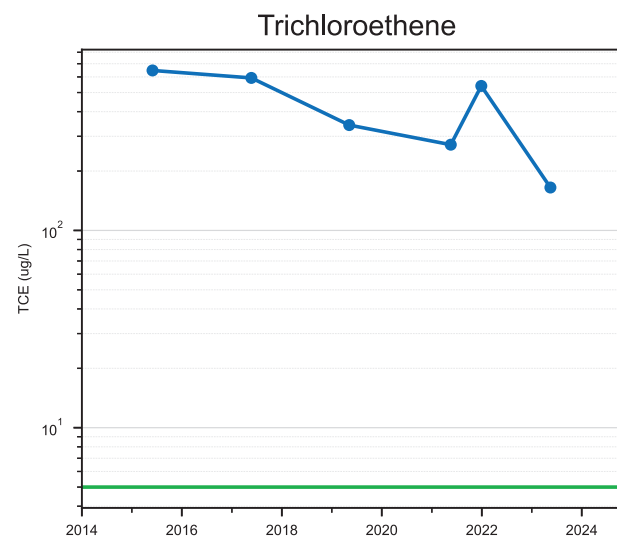
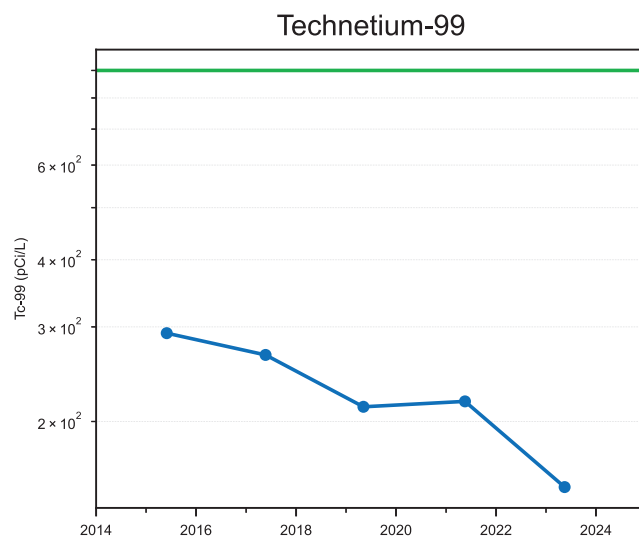
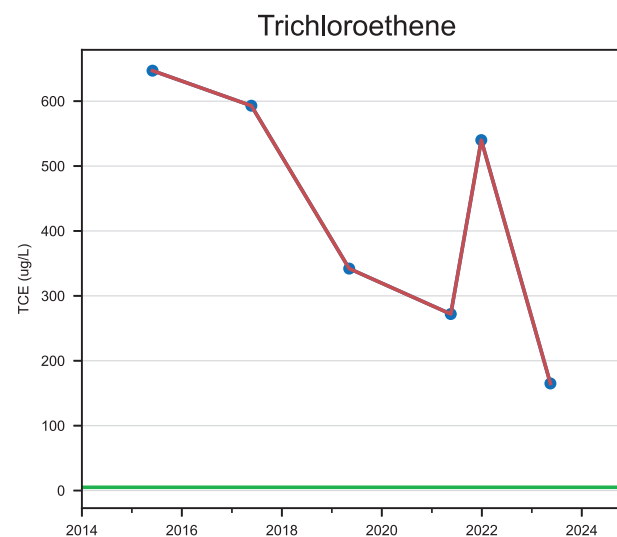
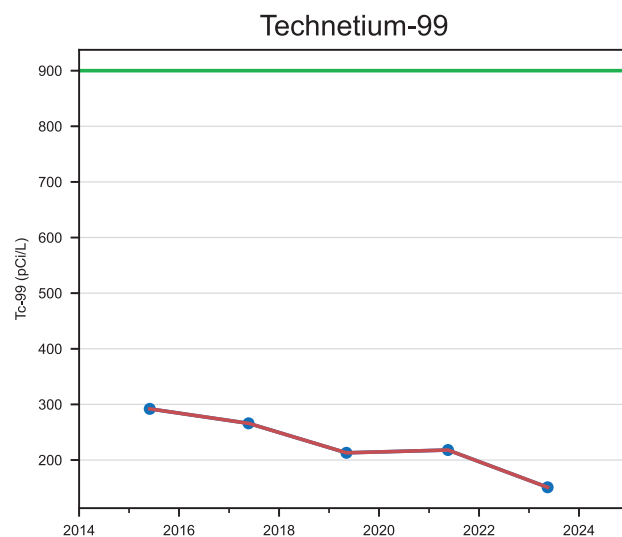
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Figure 66. Tc-99 and TCE at MW261 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
06/01/2015	292.0	647.0
05/23/2017	266.0	593.0
05/08/2019	213.0	342.0
05/19/2021	218.0	272.0
12/28/2021		540.0
05/17/2023	151.0	165.0

Notes:

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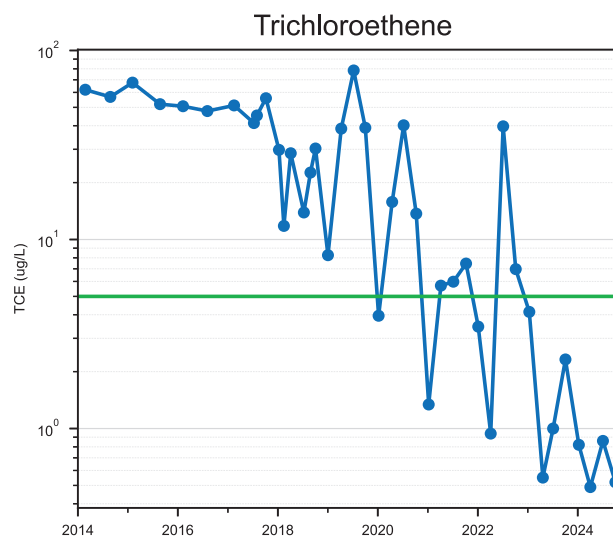
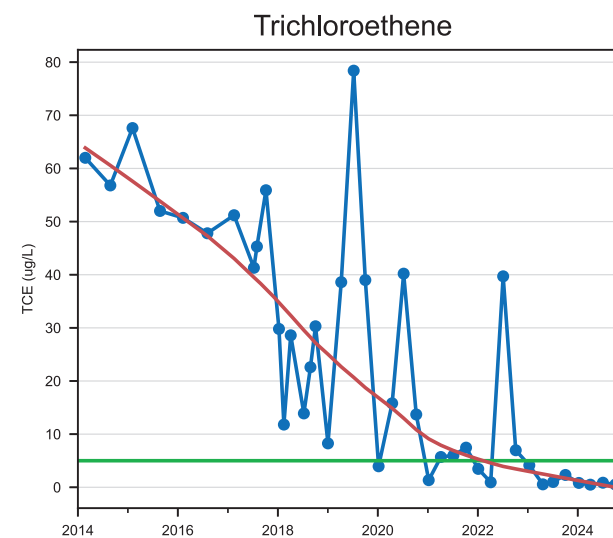
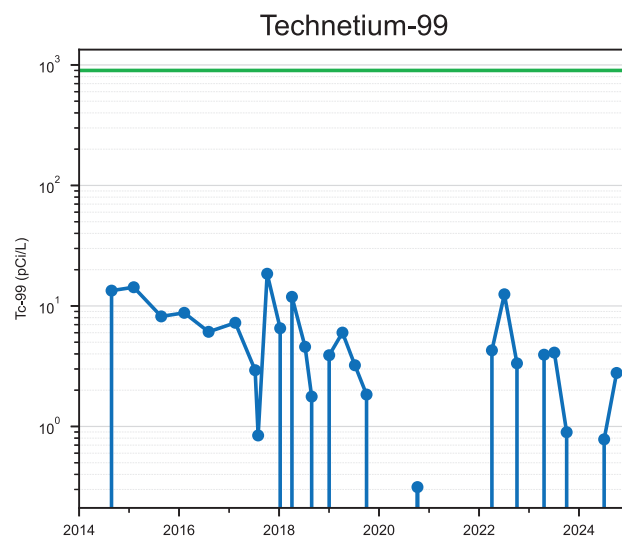
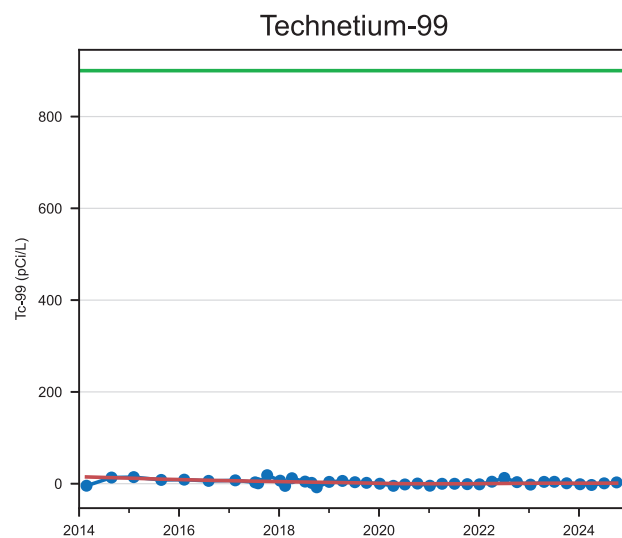
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Figure 67. Tc-99 and TCE at MW262 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/24/2014	< 4.42	62.0
08/26/2014	< 13.4	56.8
02/04/2015	< 14.3	67.6
08/24/2015	< 8.19	52.0
02/08/2016	< 8.77	50.7
08/04/2016	< 6.1	47.8
02/15/2017	< 7.25	51.2
07/10/2017	< 2.93	41.3
08/01/2017	< 0.842	45.3
10/06/2017	18.5	55.9
01/09/2018	< 6.53	29.8
02/14/2018	< 4.79	11.8
04/05/2018	< 11.9	28.6
07/10/2018	< 4.58	13.9
08/27/2018	< 1.77	22.6
10/03/2018	< 7.88	30.3
01/02/2019	< 3.9	8.26
04/09/2019	< 6.01	38.6
07/09/2019	< 3.22	78.4
10/02/2019	< 1.84	39.0
01/07/2020	< 0.0948	3.95
04/15/2020	< 4.68	15.8
07/08/2020	< 1.65	40.2
10/08/2020	< 0.314	13.7
01/07/2021	< 4.41	1.34
04/06/2021	< 0.227	5.7
07/06/2021	< 0.202	5.98
10/07/2021	< 1.0	7.46
01/04/2022	< 1.41	3.46
04/05/2022	< 4.28	0.94
07/05/2022	< 12.5	39.7
10/05/2022	< 3.34	6.97
01/12/2023	< 2.07	4.14
04/21/2023	< 3.94	0.55
07/05/2023	< 4.1	< 1.0
10/03/2023	< 0.896	2.32
01/09/2024	< 1.21	0.82
04/02/2024	< 2.81	0.49
07/03/2024	< 0.782	0.86
10/02/2024	< 2.78	0.52

Notes:

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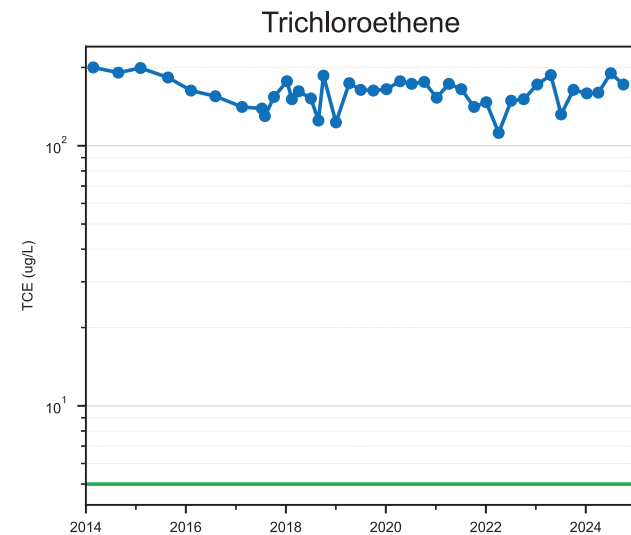
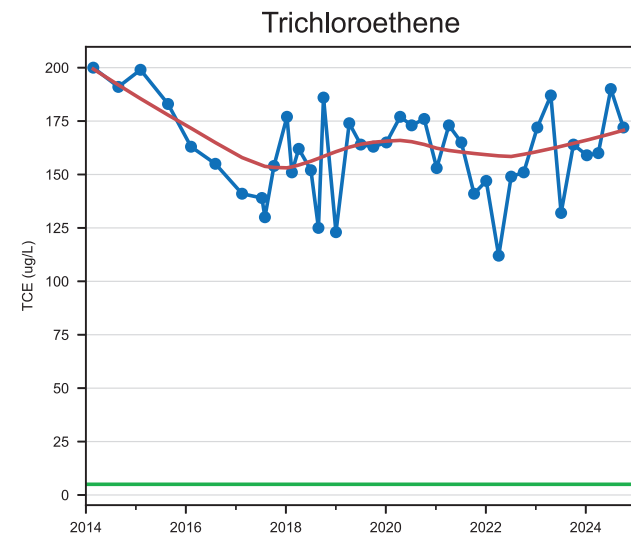
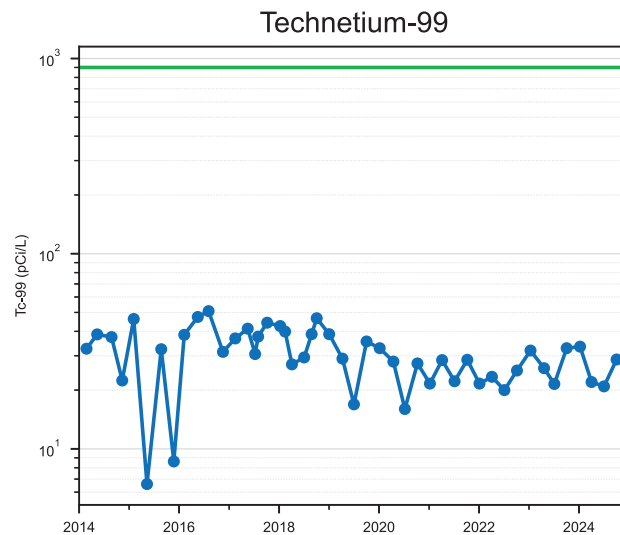
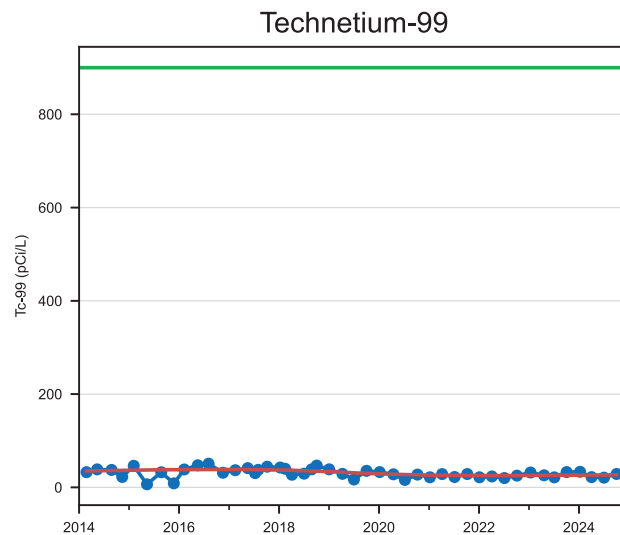
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Figure 68. Tc-99 and TCE at MW283 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/24/2014	32.6	200.0
05/13/2014	38.6	
08/26/2014	37.4	191.0
11/12/2014	22.4	
02/04/2015	46.3	199.0
05/12/2015	< 6.6	
08/24/2015	32.4	183.0
11/24/2015	< 8.62	
02/08/2016	38.4	163.0
05/17/2016	47.4	
08/04/2016	50.8	155.0
11/17/2016	31.4	
02/15/2017	36.8	141.0
05/17/2017	41.3	
07/10/2017	30.6	139.0
08/01/2017	37.6	130.0
10/06/2017	44.3	154.0
01/09/2018	42.6	177.0
02/14/2018	39.9	151.0
04/05/2018	27.1	162.0
07/03/2018	29.4	152.0
08/27/2018	38.7	125.0
10/03/2018	46.7	186.0
01/02/2019	38.7	123.0
04/09/2019	29.0	174.0
07/02/2019	16.9	164.0
10/02/2019	35.5	163.0
01/08/2020	32.8	165.0
04/15/2020	28.0	177.0
07/08/2020	16.0	173.0
10/08/2020	27.4	176.0
01/07/2021	21.6	153.0
04/06/2021	28.5	173.0
07/06/2021	22.2	165.0
10/07/2021	28.6	141.0
01/04/2022	21.6	147.0
04/05/2022	23.4	112.0
07/05/2022	20.0	149.0
10/05/2022	25.2	151.0
01/12/2023	31.9	172.0
04/21/2023	25.9	187.0
07/05/2023	21.5	132.0
10/03/2023	32.8	164.0
01/09/2024	33.4	159.0
04/02/2024	22.0	160.0
07/02/2024	20.9	190.0
10/02/2024	28.7	172.0

Notes:

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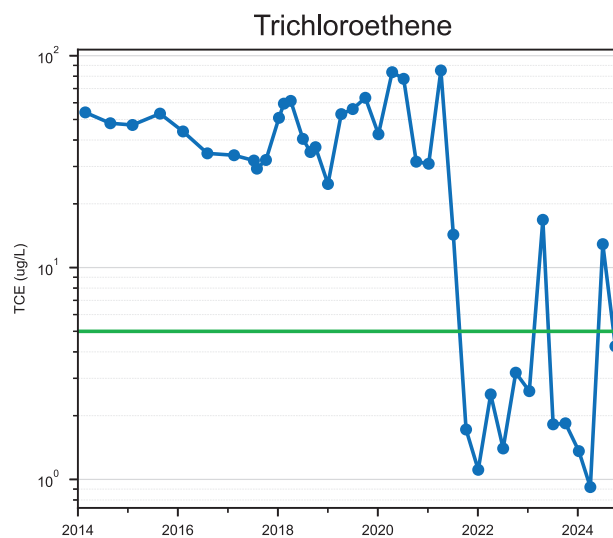
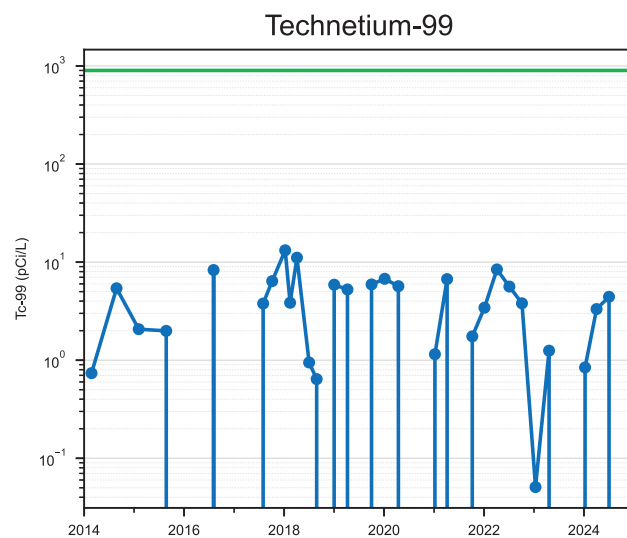
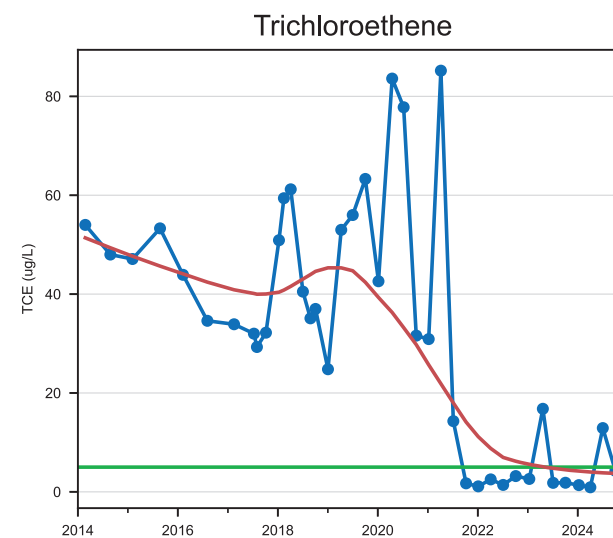
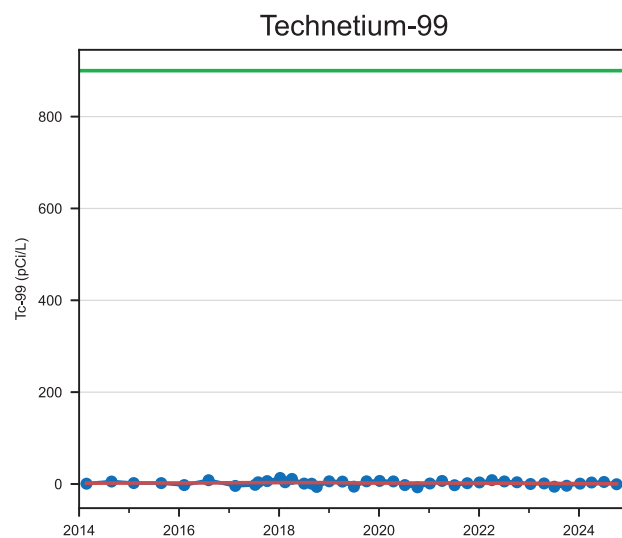
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Figure 69. Tc-99 and TCE at MW288 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/24/2014	< 0,737	54,0
08/26/2014	< 5,41	48,0
02/04/2015	< 2,07	47,1
08/24/2015	< 1,99	53,3
02/08/2016	< -2,27	43,9
08/04/2016	< 8,3	34,6
02/15/2017	< -4,14	33,9
07/10/2017	< -1,76	32,0
08/01/2017	< 3,78	29,3
10/06/2017	< 6,4	32,2
01/09/2018	13,2	50,9
02/14/2018	< 3,85	59,4
04/05/2018	< 11,1	61,2
07/03/2018	< 0,947	40,5
08/27/2018	< 0,641	35,1
10/03/2018	< -6,33	37,0
01/02/2019	< 5,88	24,8
04/09/2019	< 5,26	53,0
07/02/2019	< -5,75	56,0
10/02/2019	< 5,92	63,3
01/06/2020	< 6,76	42,6
04/15/2020	< 5,68	83,6
07/08/2020	< -2,27	77,8
10/08/2020	< -7,13	31,6
01/07/2021	< 1,15	30,9
04/06/2021	< 6,71	85,2
07/06/2021	< -2,56	14,3
10/07/2021	< 1,75	1,72
01/04/2022	< 3,43	1,11
04/05/2022	< 8,42	2,52
07/05/2022	< 5,63	1,4
10/05/2022	< 3,8	3,19
01/12/2023	< 0,0508	2,61
04/21/2023	< 1,25	16,8
07/05/2023	< -5,83	1,82
10/03/2023	< -3,75	1,84
01/09/2024	< 0,843	1,36
04/02/2024	< 3,32	0,92
07/02/2024	< 4,43	12,9
10/02/2024	< -0,465	4,25



Notes:

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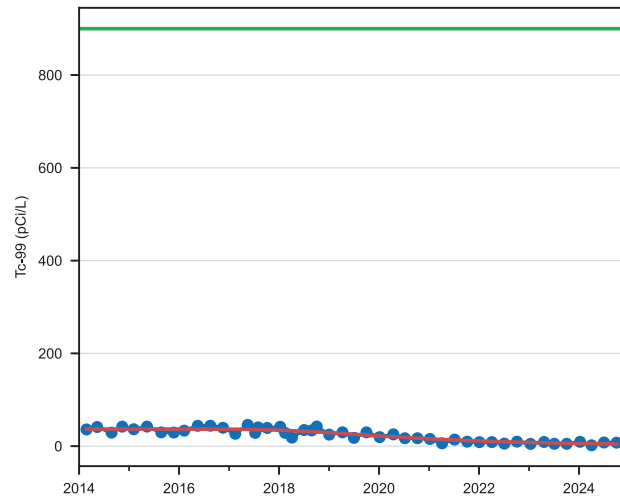
Figure 70. Tc-99 and TCE at MW291 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/24/2014	36.1	270.0
05/13/2014	41.3	
08/26/2014	29.2	240.0
11/12/2014	42.1	
02/04/2015	36.5	215.0
05/12/2015	42.2	
08/24/2015	29.8	208.0
11/24/2015	29.4	
02/08/2016	33.5	198.0
05/17/2016	43.9	
08/17/2016	44.1	202.0
11/17/2016	39.7	
02/15/2017	26.8	161.0
05/17/2017	45.9	
07/10/2017	28.7	145.0
08/01/2017	40.5	150.0
10/06/2017	39.3	152.0
01/09/2018	41.8	184.0
02/14/2018	28.7	153.0
04/05/2018	18.5	160.0
07/03/2018	34.8	180.0
08/27/2018	33.9	197.0
10/03/2018	42.3	224.0
01/02/2019	24.9	160.0
04/09/2019	29.9	202.0
07/02/2019	17.9	202.0
10/01/2019	29.8	236.0
01/06/2020	19.5	254.0
04/15/2020	25.5	239.0
07/08/2020	17.1	275.0
10/08/2020	17.1	283.0
01/07/2021	15.5	271.0
04/06/2021	< 6.11	271.0
07/06/2021	14.2	301.0
10/07/2021	9.73	219.0
01/04/2022	8.86	232.0
04/05/2022	< 8.78	203.0
07/05/2022	< 5.45	220.0
10/05/2022	9.77	163.0
01/12/2023	< 4.93	104.0
04/21/2023	< 9.05	74.0
07/05/2023	< 5.12	85.2
10/03/2023	< 5.18	60.8
01/09/2024	< 9.34	11.5
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07/02/2024	< 7.92	57.4
10/02/2024	< 7.6	16.9

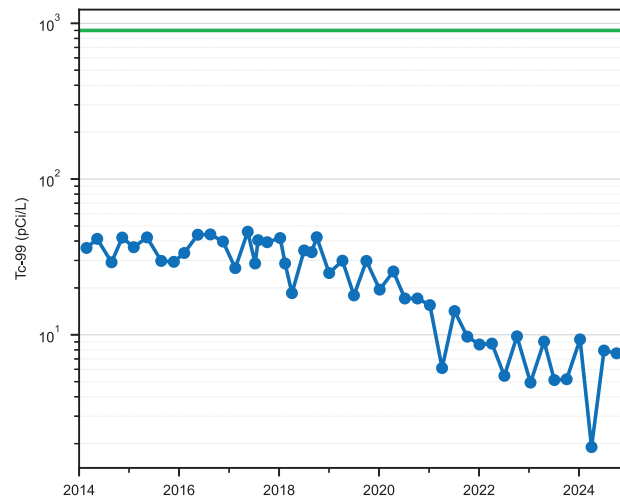
Notes:

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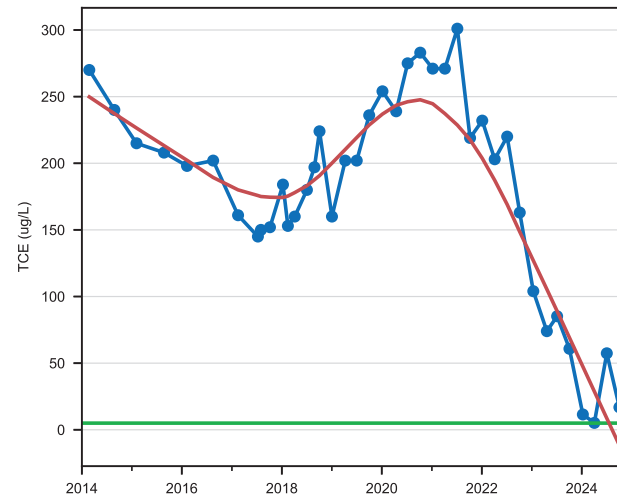
Technetium-99



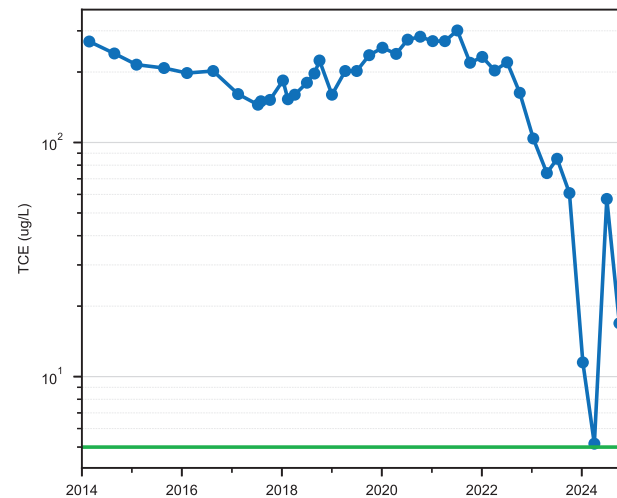
Technetium-99



Trichloroethene



Trichloroethene



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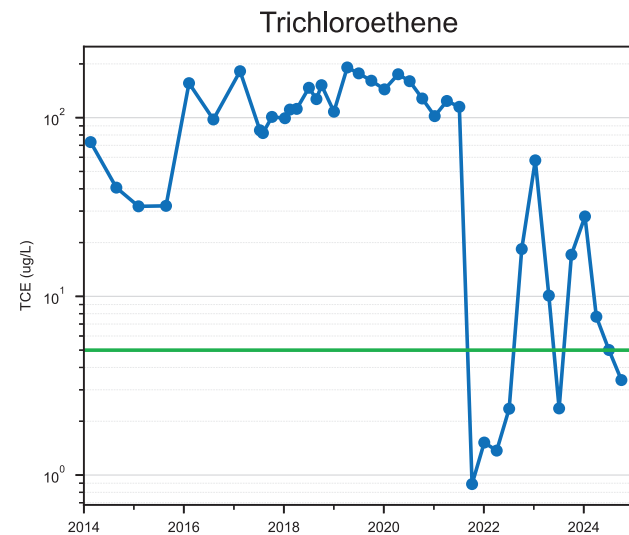
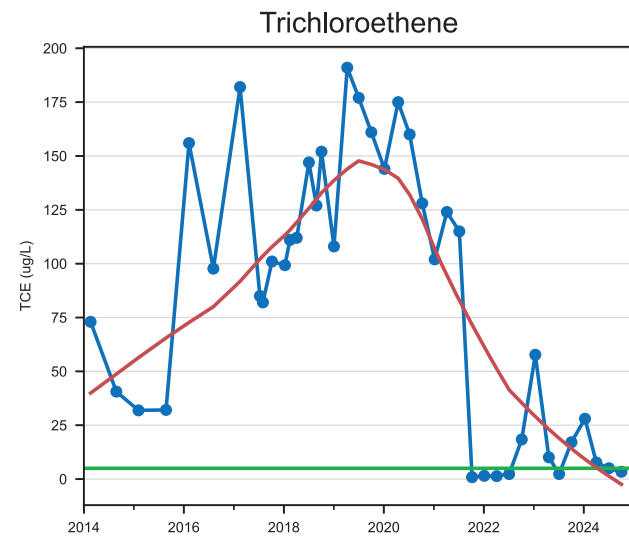
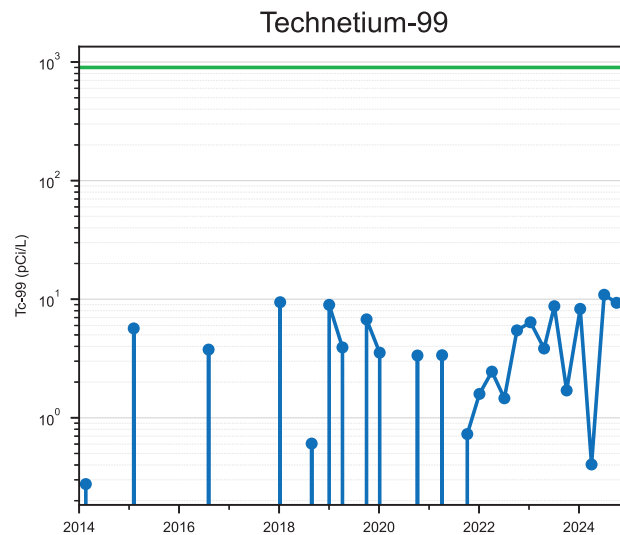
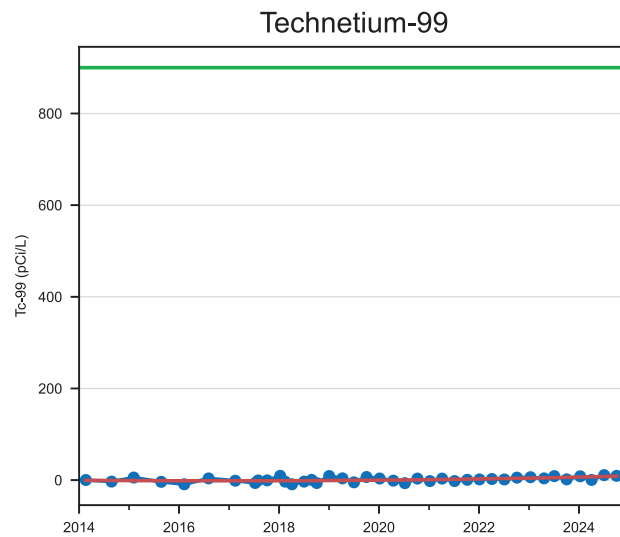
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Figure 71. Tc-99 and TCE at MW292 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/19/2014	< 0,276	73,0
08/26/2014	< -3,21	40,6
02/04/2015	< 5,67	31,9
08/24/2015	< -3,7	32,1
02/08/2016	< -9,06	156,0
08/04/2016	< 3,76	97,7
02/15/2017	< -1,27	182,0
07/10/2017	< -6,25	85,0
08/01/2017	< -0,716	82,0
10/06/2017	< -0,519	101,0
01/09/2018	< 9,43	99,3
02/14/2018	< -3,26	111,0
04/05/2018	< -9,09	112,0
07/03/2018	< -3,27	147,0
08/27/2018	< 0,606	127,0
10/03/2018	< -6,35	152,0
01/02/2019	< 8,96	108,0
04/09/2019	< 3,92	191,0
07/02/2019	< -4,77	177,0
10/02/2019	< 6,76	161,0
01/06/2020	< 3,54	144,0
04/15/2020	< -1,14	175,0
07/08/2020	< -6,61	160,0
10/08/2020	< 3,35	128,0
01/07/2021	< -2,09	102,0
04/06/2021	< 3,37	124,0
07/06/2021	< -2,01	115,0
10/07/2021	< 0,729	0,89
01/04/2022	< 1,59	1,52
04/05/2022	< 2,45	1,37
07/05/2022	< 1,46	2,35
10/05/2022	< 5,46	18,4
01/12/2023	< 6,39	57,7
04/21/2023	< 3,84	10,1
07/05/2023	< 8,73	2,36
10/03/2023	< 1,7	17,1
01/10/2024	< 8,29	28,0
04/02/2024	< 0,404	7,69
07/03/2024	< 10,9	5,01
10/02/2024	< 9,32	3,4

Notes:

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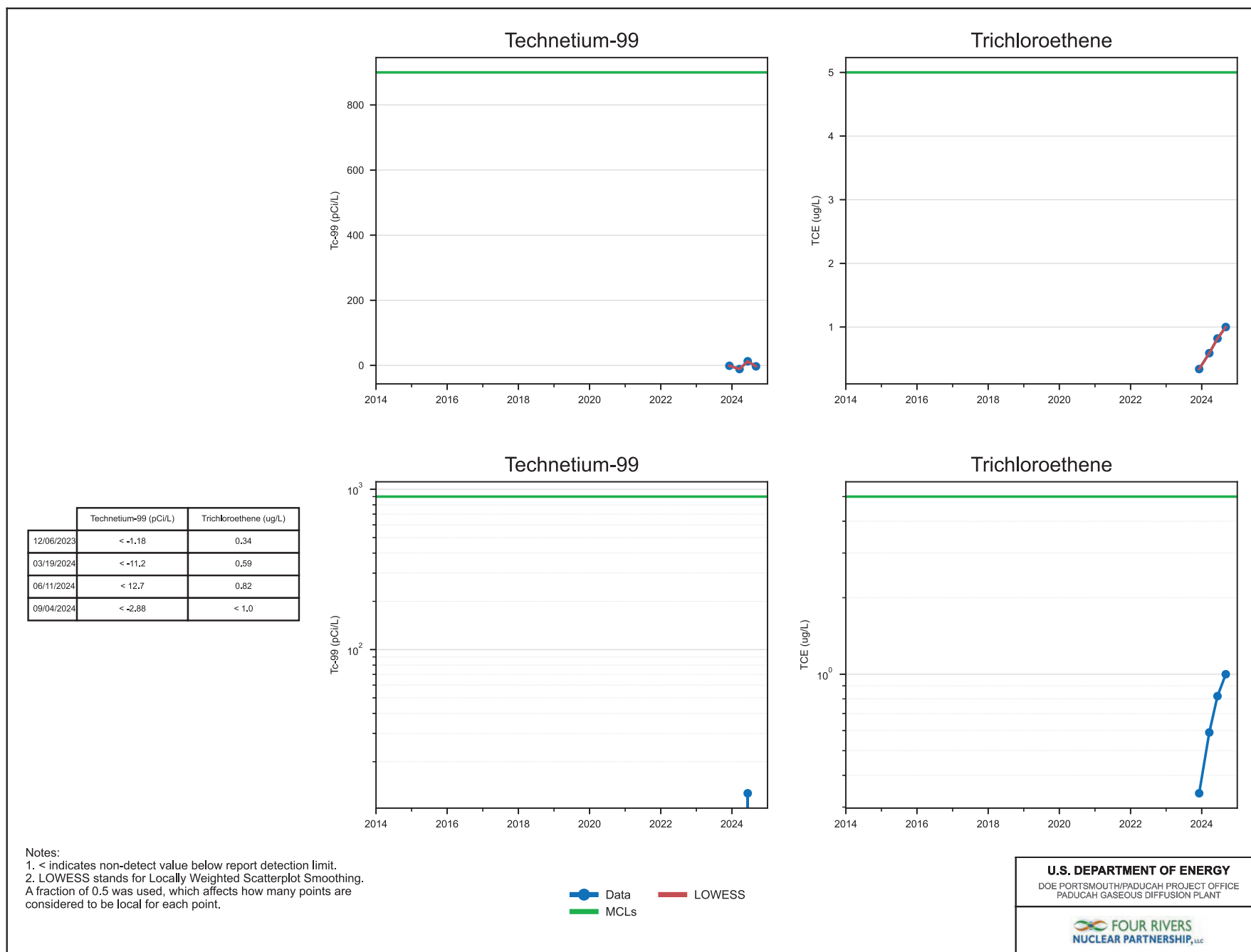


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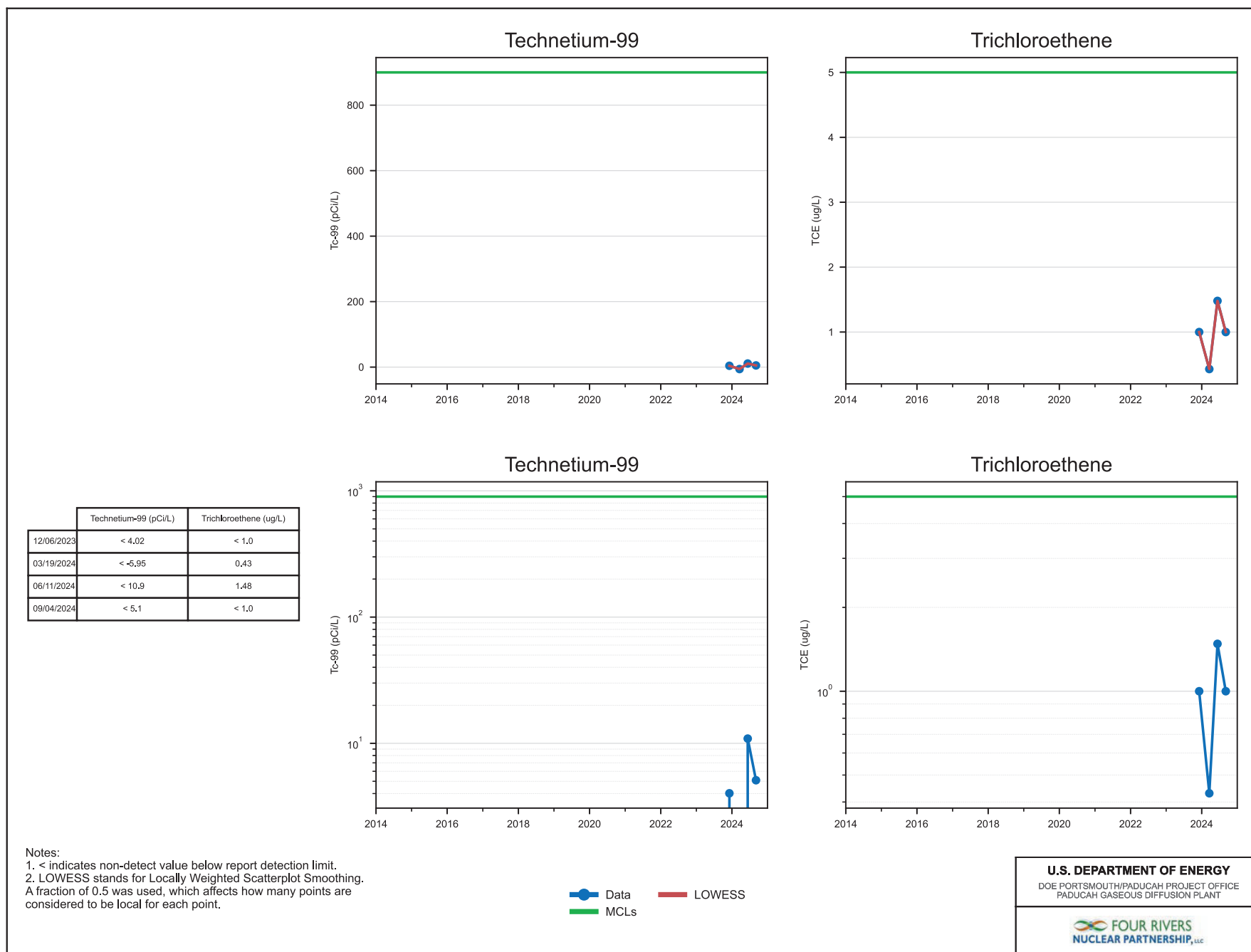
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Figure 72. Tc-99 and TCE at MW293A (MRGA)



Source: Trend_Plots_V1.ipynb

Figure 73. Tc-99 and TCE at MW326 (LRGA)



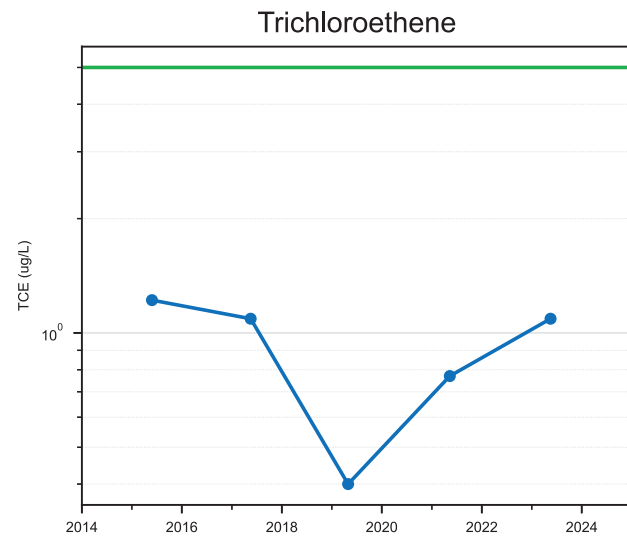
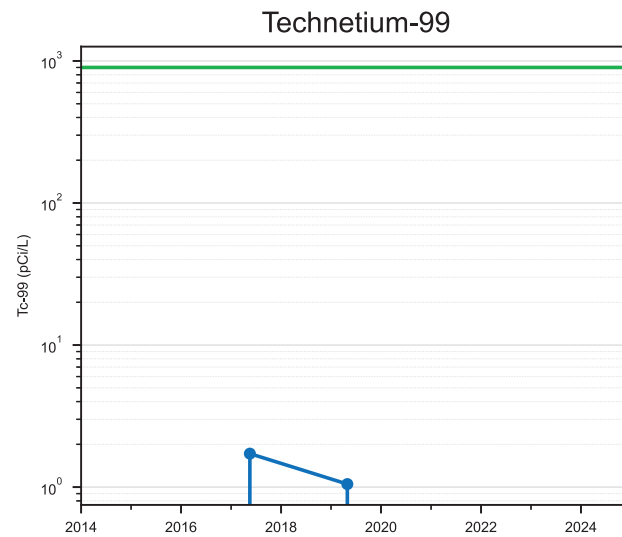
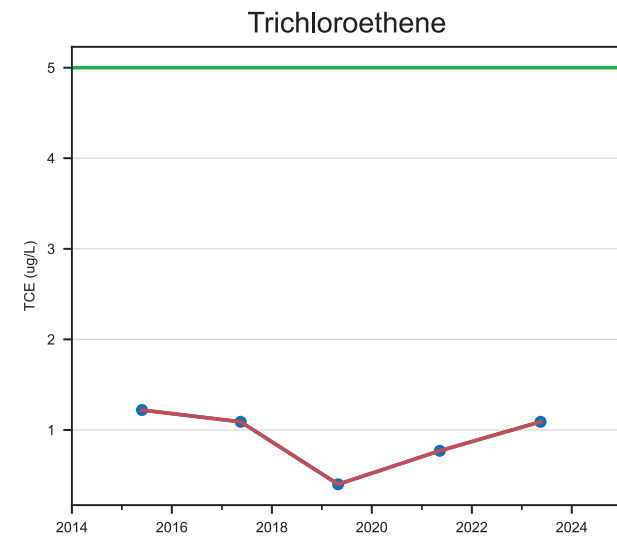
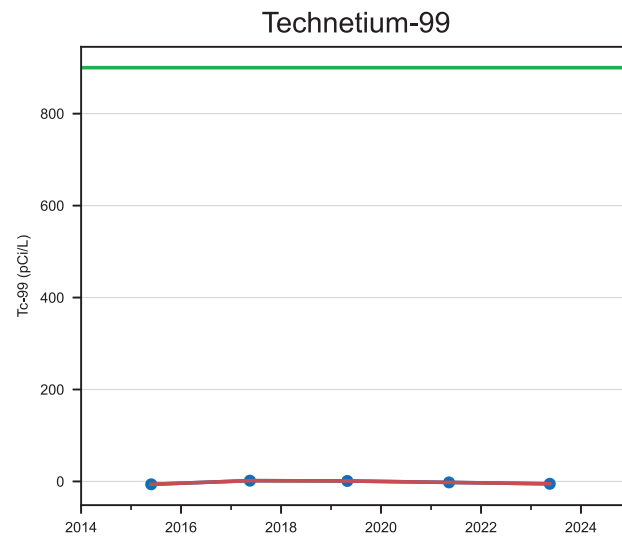
Source: Trend_Plots_V1.ipynb

Figure 74. Tc-99 and TCE at MW327 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/28/2015	< -6,2	1,22
05/18/2017	< 1,72	1,09
04/30/2019	< 1,05	0,4
05/12/2021	< -2,1	0,77
05/18/2023	< -5,11	1,09

Notes:

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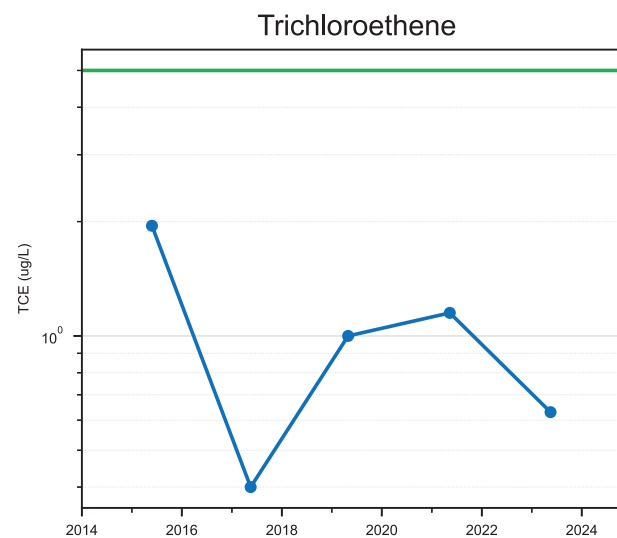
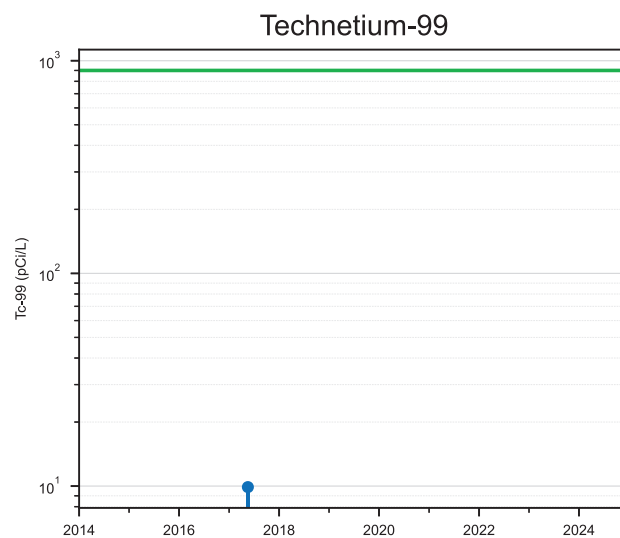
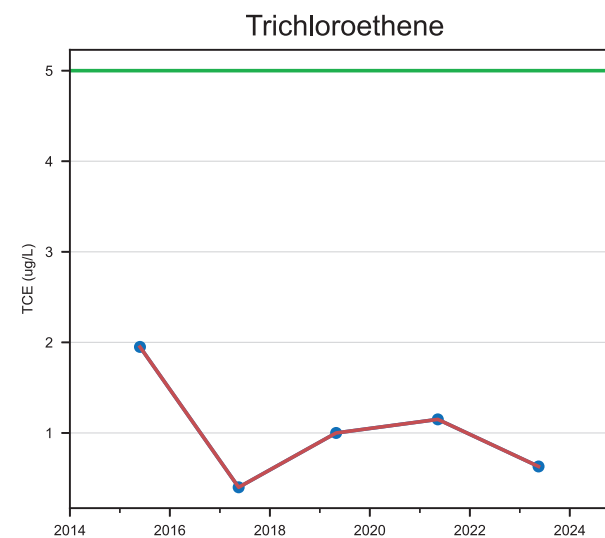
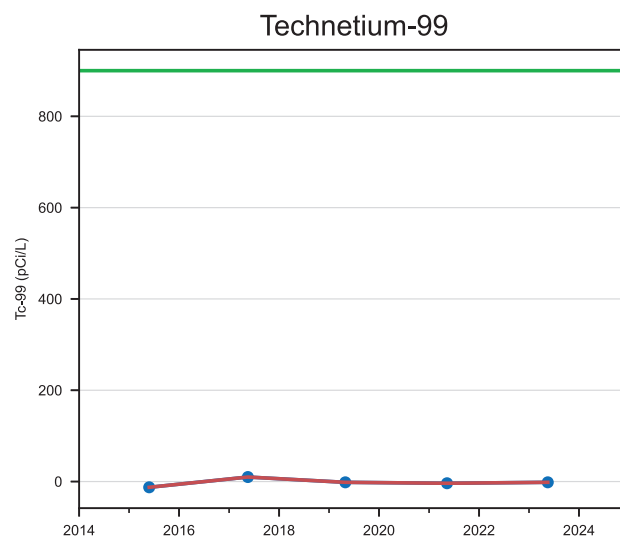
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Figure 75. Tc-99 and TCE at MW328 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/28/2015	< -12.6	1.95
05/18/2017	< 9.89	0.4
04/30/2019	< -1.7	< 1.0
05/12/2021	< -3.73	1.15
05/18/2023	< -1.68	0.63

Notes:

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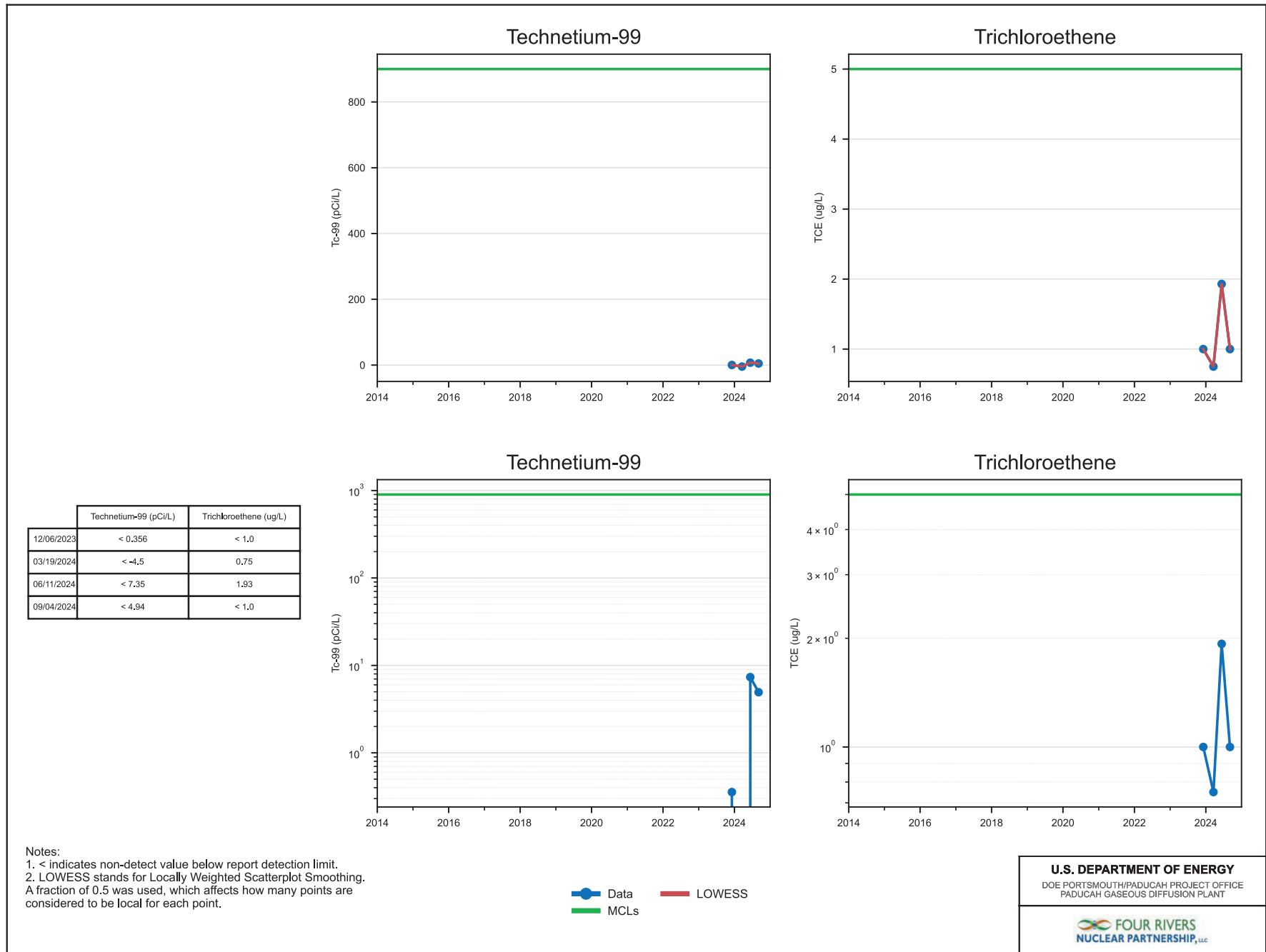


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Figure 76. Tc-99 and TCE at MW329 (URGA)



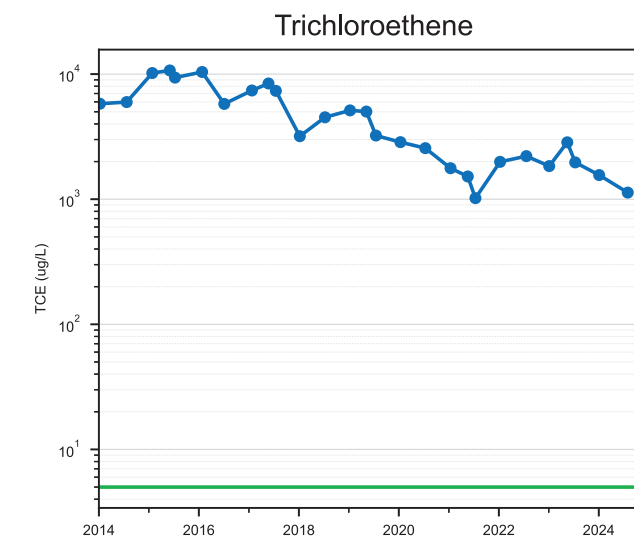
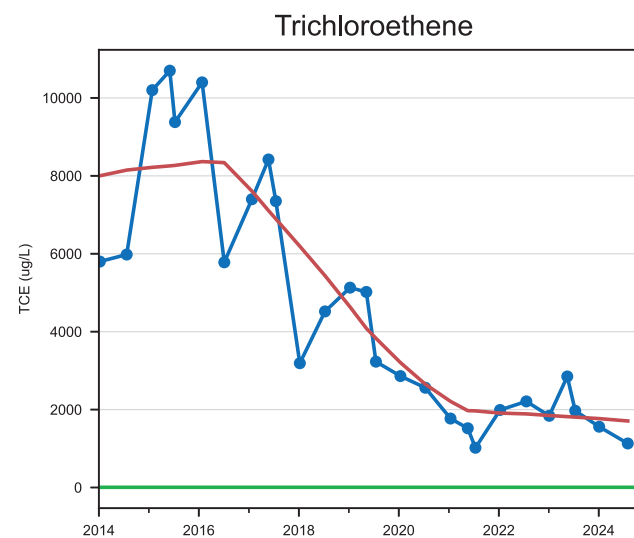
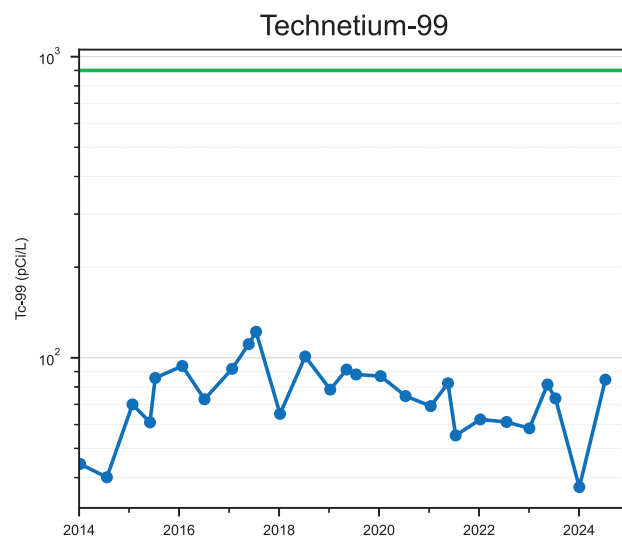
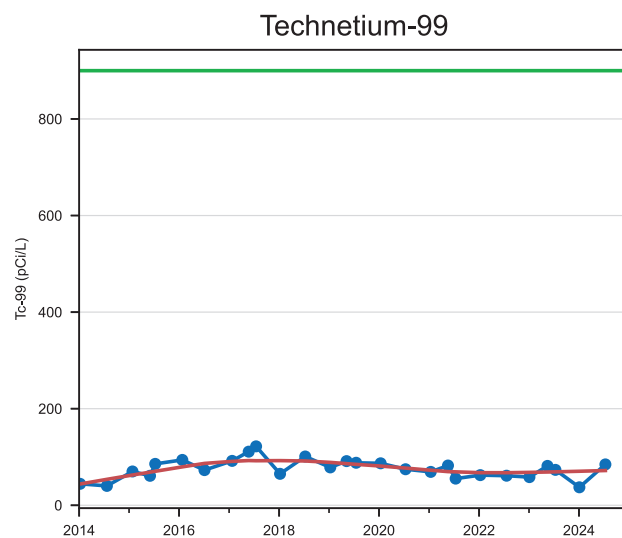
Source: Trend_Plots_V1.ipynb

Figure 77. Tc-99 and TCE at MW330 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/08/2014	44.4	5800.0
07/23/2014	40.1	5980.0
01/26/2015	70.0	10200.0
06/03/2015	61.0	10700.0
07/11/2015	85.7	9380.0
01/25/2016	93.9	10400.0
07/05/2016	72.8	5780.0
01/23/2017	91.9	7400.0
05/24/2017	111.0	8420.0
07/17/2017	122.0	7350.0
01/08/2018	65.1	3190.0
07/11/2018	101.0	4520.0
01/10/2019	78.4	5130.0
05/09/2019	91.4	5020.0
07/18/2019	88.0	3230.0
01/13/2020	86.9	2860.0
07/13/2020	74.6	2560.0
01/13/2021	69.1	1770.0
05/19/2021	82.3	1520.0
07/14/2021	55.2	1020.0
01/10/2022	62.4	1990.0
07/21/2022	61.2	2210.0
01/04/2023	58.3	1840.0
05/16/2023	81.5	2850.0
07/13/2023	73.3	1970.0
01/04/2024	37.2	1560.0
07/12/2024	84.6	
07/31/2024		1130.0

Notes:

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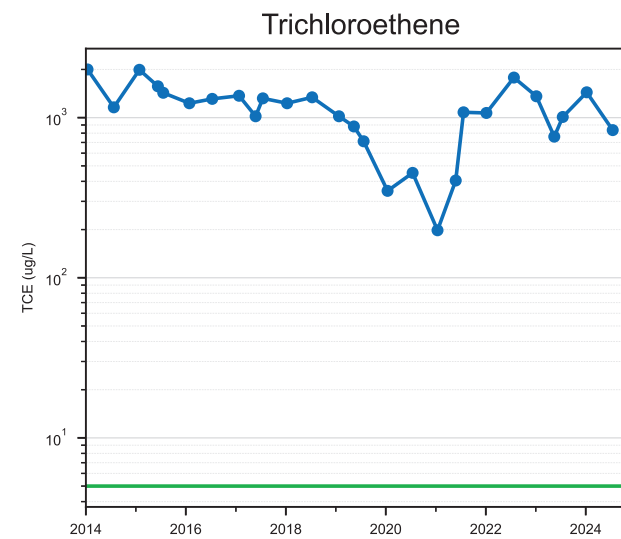
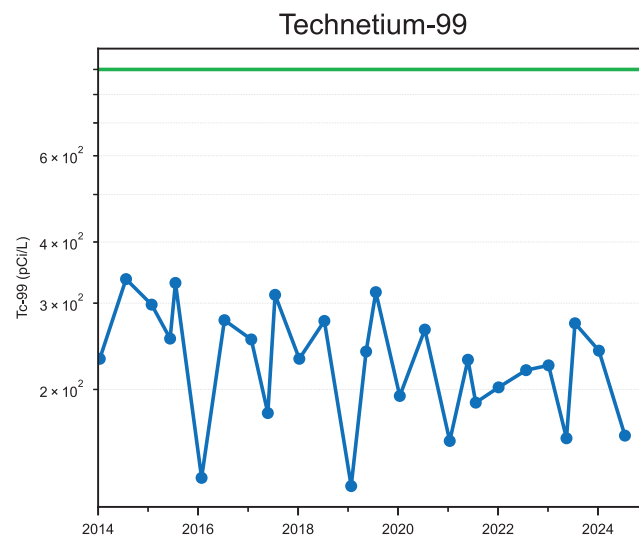
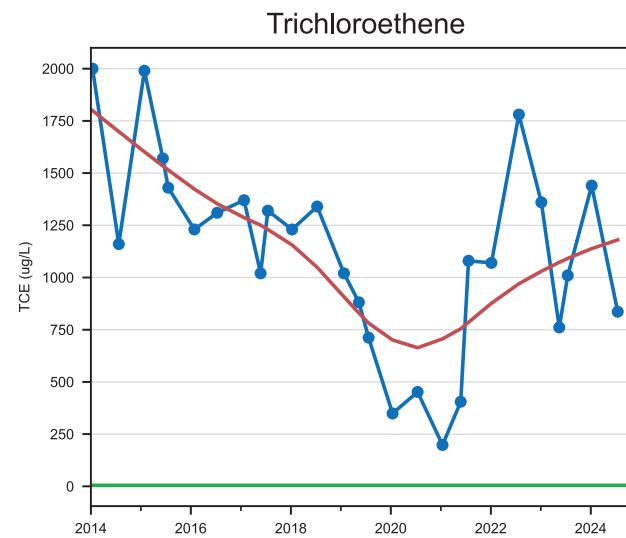
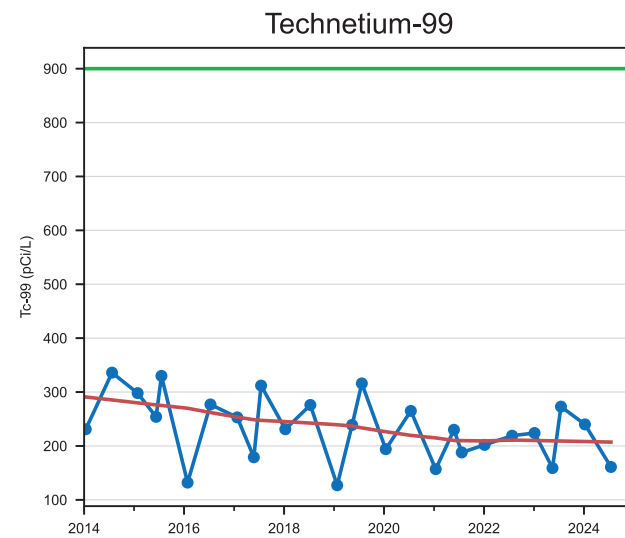
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Figure 78. Tc-99 and TCE at MW333 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/13/2014	231.0	2000.0
07/24/2014	336.0	1160.0
01/27/2015	298.0	1990.0
06/11/2015	254.0	1570.0
07/20/2015	330.0	1430.0
01/27/2016	132.0	1230.0
07/12/2016	277.0	1310.0
01/24/2017	253.0	1370.0
05/25/2017	179.0	1020.0
07/17/2017	312.0	1320.0
01/10/2018	231.0	1230.0
07/12/2018	276.0	1340.0
01/24/2019	127.0	1020.0
05/13/2019	239.0	881.0
07/23/2019	316.0	712.0
01/14/2020	194.0	349.0
07/15/2020	265.0	452.0
01/13/2021	157.0	198.0
05/26/2021	230.0	405.0
07/22/2021	188.0	1080.0
01/05/2022	202.0	1070.0
07/25/2022	219.0	1780.0
01/05/2023	224.0	1360.0
05/16/2023	159.0	761.0
07/17/2023	273.0	1010.0
01/08/2024	240.0	1440.0
07/16/2024	161.0	836.0

Notes:

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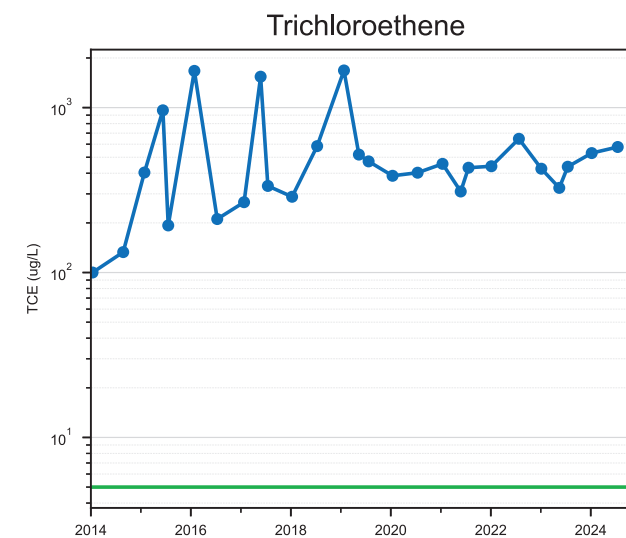
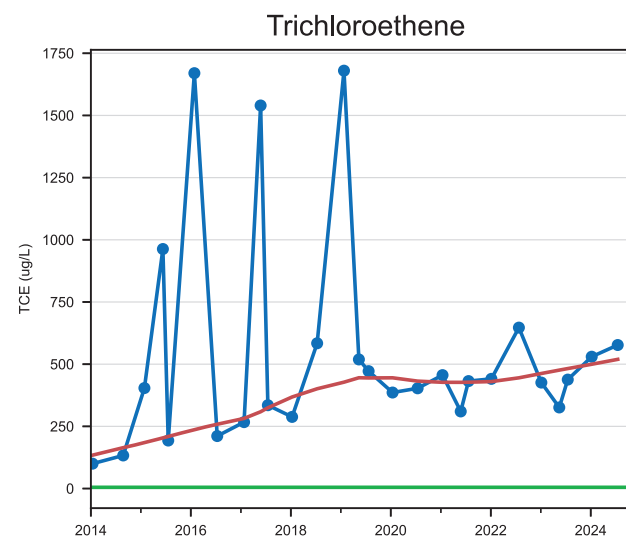
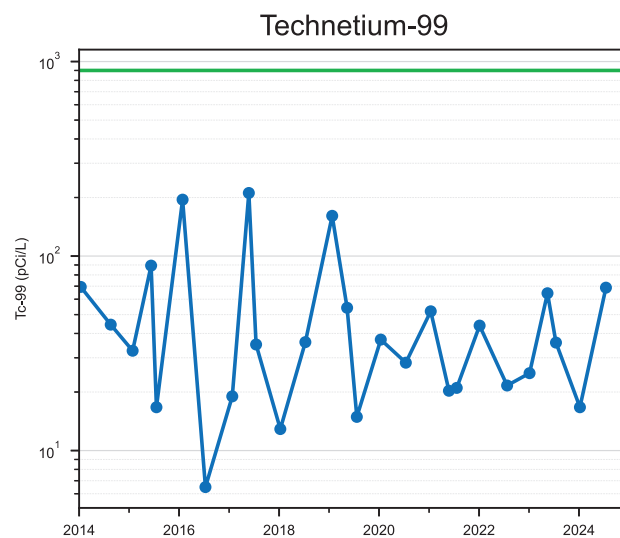
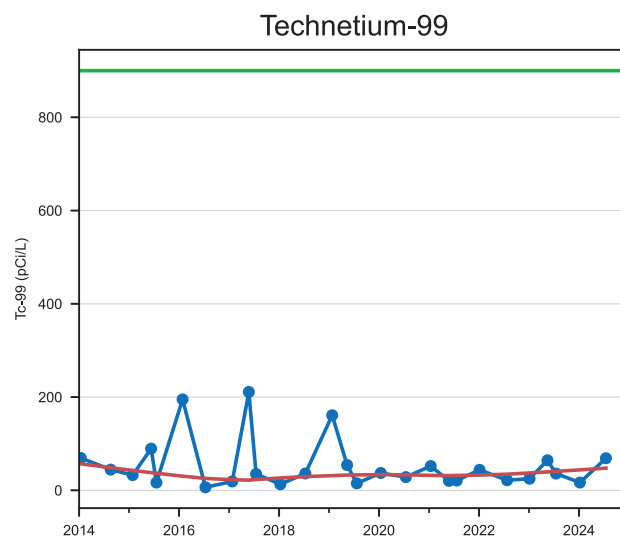
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Figure 79. Tc-99 and TCE at MW337 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/13/2014	69.4	100.0
08/20/2014	44.4	
08/25/2014		133.0
01/27/2015	32.6	404.0
06/11/2015	89.3	963.0
07/20/2015	< 16.7	193.0
01/27/2016	195.0	1670.0
07/12/2016	< 6.49	211.0
01/24/2017	19.0	267.0
05/25/2017	211.0	1540.0
07/17/2017	35.1	335.0
01/10/2018	< 12.9	288.0
07/12/2018	36.1	584.0
01/24/2019	161.0	1680.0
05/13/2019	54.2	519.0
07/23/2019	< 14.9	472.0
01/14/2020	37.2	386.0
07/15/2020	28.3	403.0
01/13/2021	52.0	456.0
05/26/2021	< 20.3	310.0
07/22/2021	21.0	432.0
01/05/2022	43.9	441.0
07/25/2022	21.6	647.0
01/05/2023	25.0	426.0
05/16/2023	64.4	326.0
07/17/2023	35.9	438.0
01/08/2024	< 16.7	530.0
07/16/2024	68.8	577.0

Notes:

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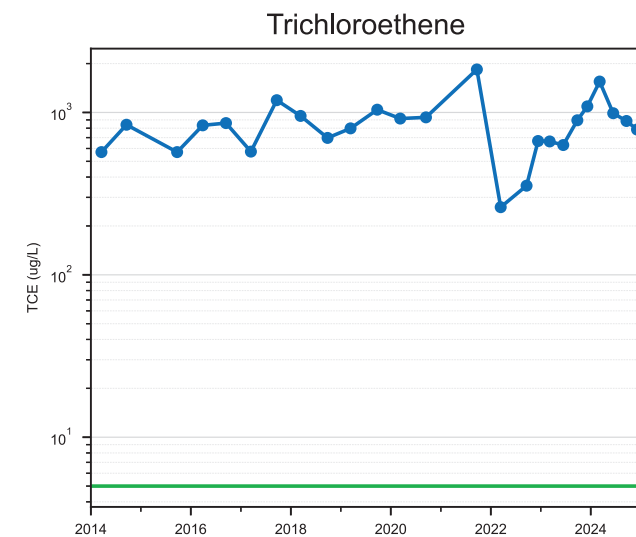
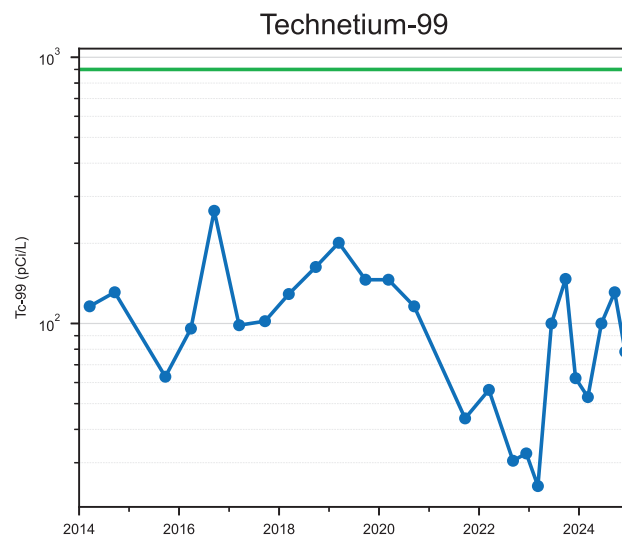
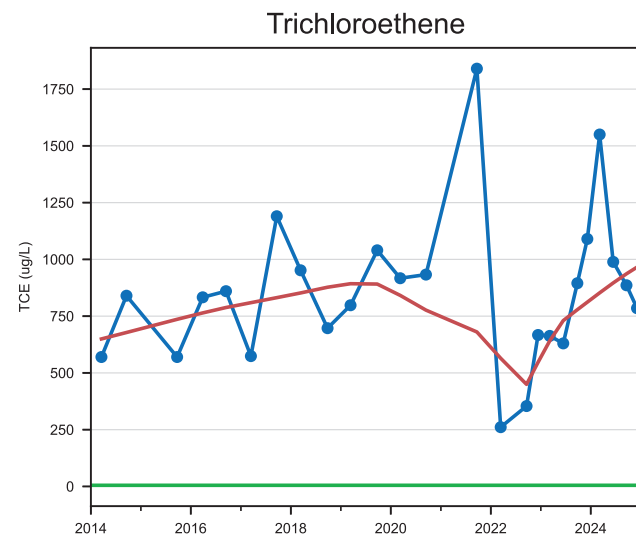
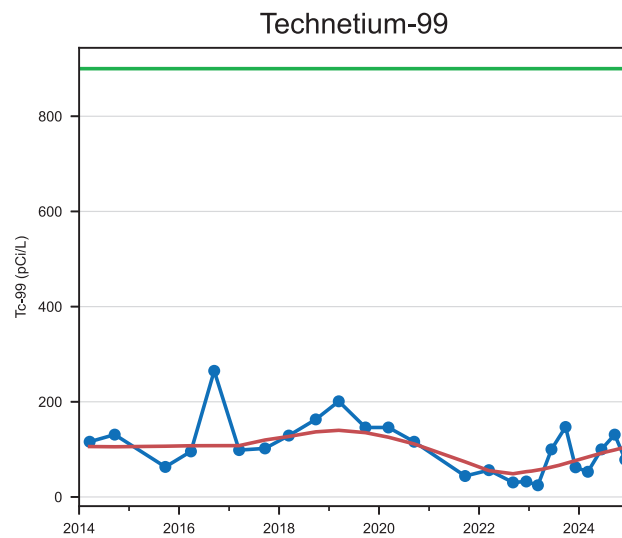
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Figure 80. Tc-99 and TCE at MW338 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/19/2014	116.0	570.0
09/18/2014	131.0	840.0
09/23/2015	63.1	570.0
03/28/2016	95.7	833.0
09/14/2016	265.0	860.0
03/15/2017	98.5	574.0
09/20/2017	102.0	1190.0
03/13/2018	129.0	952.0
09/26/2018	163.0	697.0
03/13/2019	201.0	798.0
09/24/2019	146.0	1040.0
03/10/2020	146.0	917.0
09/14/2020	116.0	933.0
09/21/2021	44.0	1840.0
03/14/2022	56.3	261.0
09/06/2022	30.5	
09/19/2022		354.0
12/12/2022	32.5	667.0
03/07/2023	24.5	663.0
06/14/2023	100.0	630.0
09/25/2023	147.0	895.0
12/07/2023	62.3	1090.0
03/06/2024	52.9	1550.0
06/13/2024	100.0	989.0
09/18/2024	131.0	886.0
12/04/2024	78.3	785.0

Notes:

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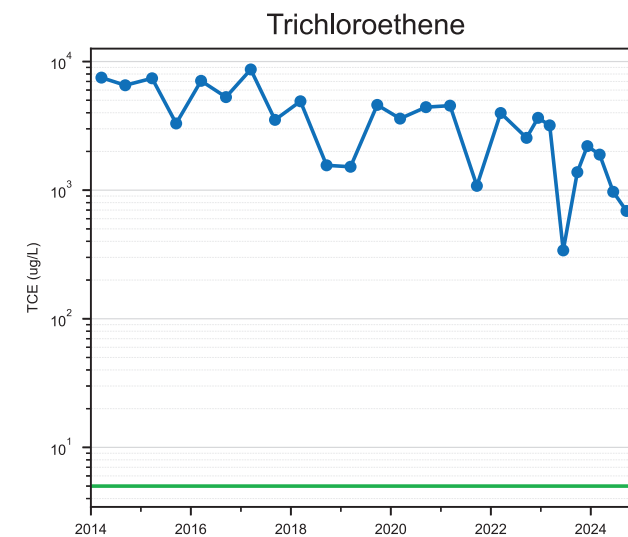
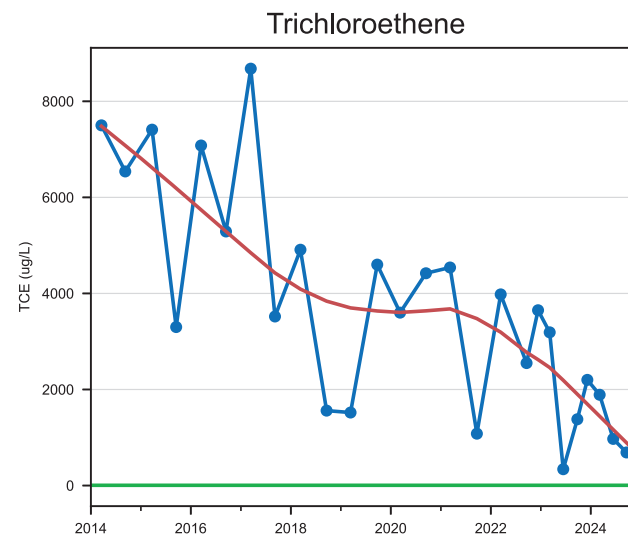
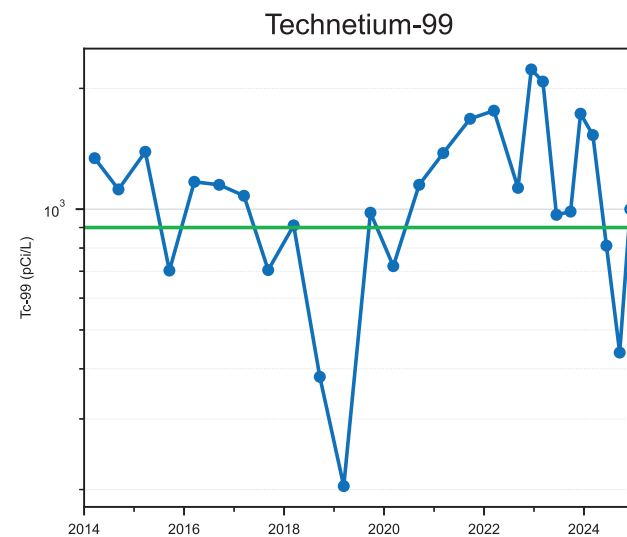
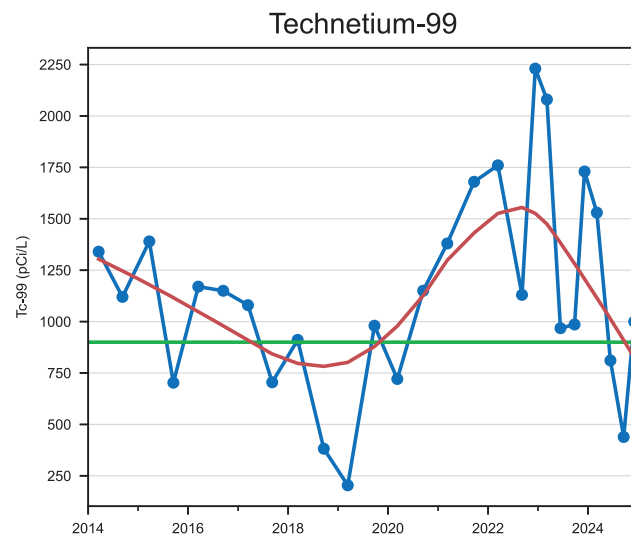
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Figure 81. Tc-99 and TCE at MW339 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/19/2014	1340.0	7500.0
09/09/2014	1120.0	6540.0
03/24/2015	1390.0	7410.0
09/16/2015	703.0	3300.0
03/16/2016	1170.0	7080.0
09/14/2016	1150.0	5290.0
03/14/2017	1080.0	8680.0
09/07/2017	705.0	3520.0
03/12/2018	911.0	4910.0
09/19/2018	382.0	1560.0
03/13/2019	204.0	1520.0
09/24/2019	980.0	4600.0
03/09/2020	721.0	3600.0
09/14/2020	1150.0	4420.0
03/09/2021	1380.0	4540.0
09/21/2021	1680.0	1080.0
03/14/2022	1760.0	3980.0
09/06/2022	1130.0	
09/19/2022		2550.0
12/12/2022	2230.0	3650.0
03/07/2023	2080.0	3190.0
06/14/2023	968.0	340.0
09/25/2023	986.0	1380.0
12/07/2023	1730.0	2200.0
03/06/2024	1530.0	1890.0
06/13/2024	811.0	971.0
09/18/2024	439.0	689.0
12/04/2024	1000.0	877.0

Notes:

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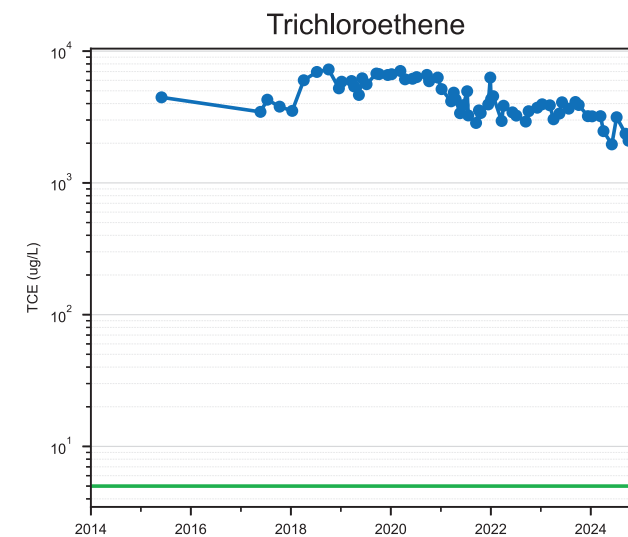
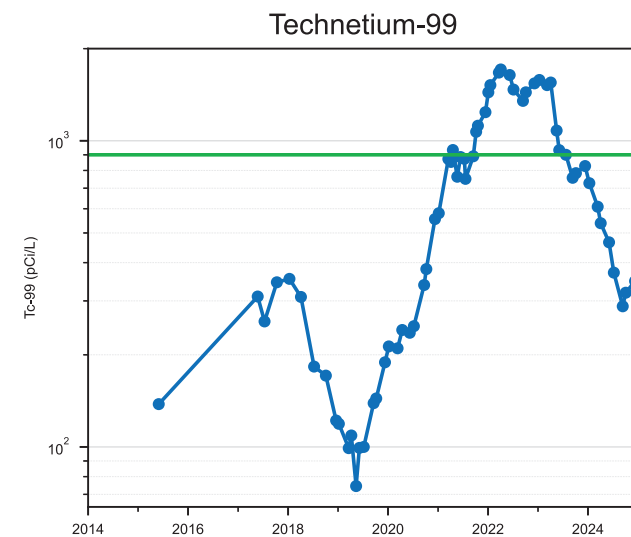
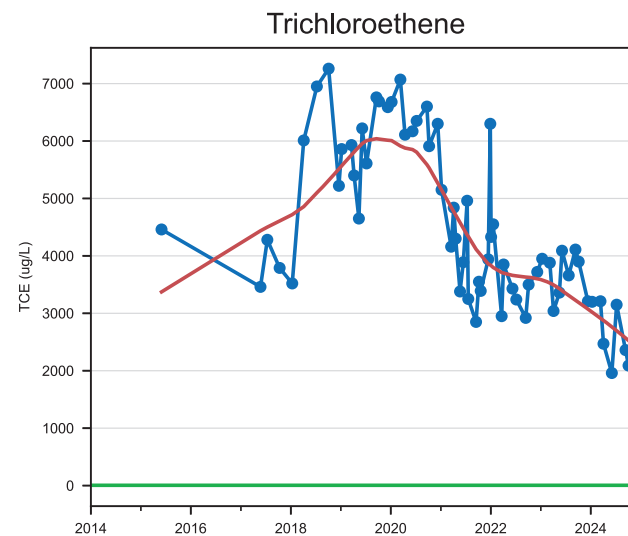
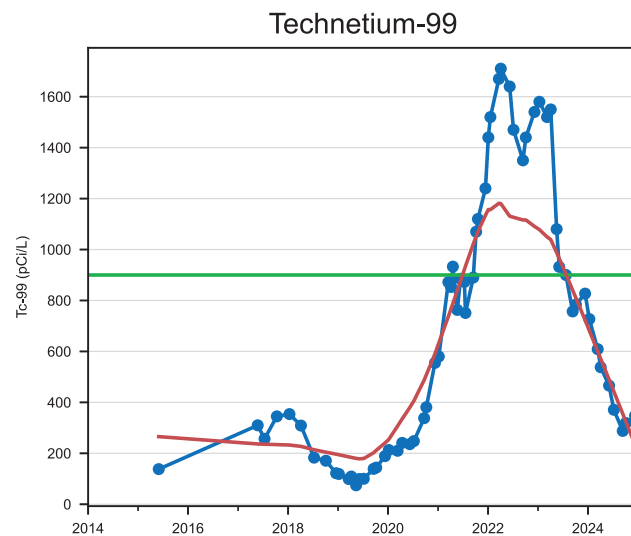
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Figure 82. Tc-99 and TCE at MW340 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
06/01/2015	138.0	4460.0
05/24/2017	310.0	3480.0
07/13/2017	257.0	4280.0
10/11/2017	345.0	3790.0
01/11/2018	354.0	3520.0
04/05/2018	309.0	6010.0
07/10/2018	183.0	6950.0
10/04/2018	171.0	7260.0
12/18/2018	122.0	5220.0
01/07/2019	119.0	5860.0
03/20/2019	99.1	5930.0
04/08/2019	109.0	5400.0
05/13/2019	74.5	4650.0
06/09/2019	95.3	6220.0
07/08/2019	100.0	5610.0
09/18/2019	139.0	6760.0
10/07/2019	144.0	6690.0
12/10/2019	189.0	6590.0
01/07/2020	213.0	6680.0
03/11/2020	210.0	7070.0
04/14/2020	241.0	6110.0
06/08/2020	238.0	6170.0
07/08/2020	249.0	6350.0
09/21/2020	335.0	6800.0
10/07/2020	381.0	5910.0
12/09/2020	555.0	6300.0
01/08/2021	580.0	5150.0
03/17/2021	872.0	4160.0
04/05/2021	853.0	4840.0
04/19/2021	933.0	4300.0
05/21/2021	763.0	3380.0
06/14/2021	885.0	3890.0
07/12/2021	873.0	4960.0
07/20/2021	751.0	3250.0
09/15/2021	890.0	2850.0
10/06/2021	1070.0	3550.0
10/19/2021	1120.0	3390.0
12/13/2021	1240.0	3940.0
12/28/2021		6300.0
01/03/2022	1440.0	4330.0
01/18/2022	1520.0	4550.0
03/21/2022	1670.0	2950.0
04/04/2022	1710.0	3850.0
06/08/2022	1640.0	3430.0
07/06/2022	1470.0	3240.0
09/13/2022	1350.0	2920.0
10/04/2022	1440.0	3500.0
12/08/2022	1540.0	3720.0
01/11/2023	1580.0	3950.0
03/08/2023	1520.0	3880.0
04/04/2023	1550.0	3040.0
05/17/2023	1080.0	3360.0
06/05/2023	932.0	4090.0
07/24/2023	900.0	3660.0
09/11/2023	757.0	4110.0
10/05/2023	784.0	3900.0
12/11/2023	827.0	3210.0
01/11/2024	727.0	3200.0
03/12/2024	609.0	3210.0
04/03/2024	538.0	2470.0
06/03/2024	466.0	1960.0
07/08/2024	371.0	3150.0
09/11/2024	285.0	2360.0
10/03/2024	319.0	2090.0
12/10/2024	348.0	2130.0

Notes:

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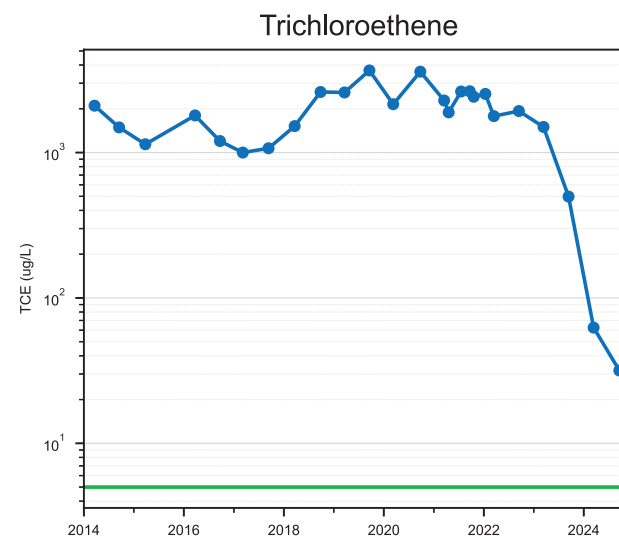
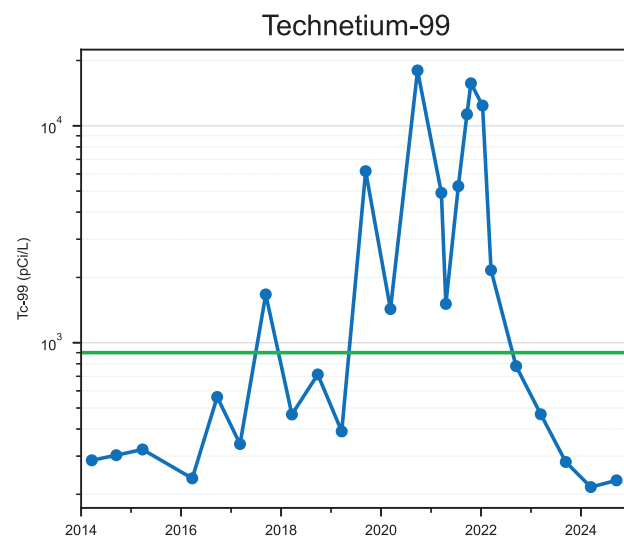
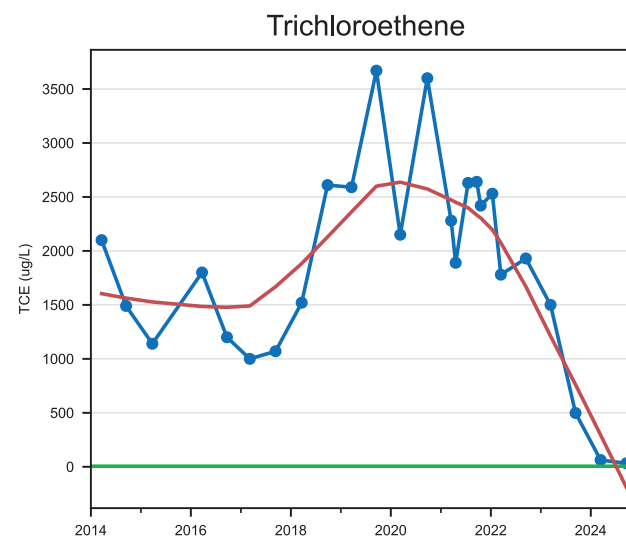
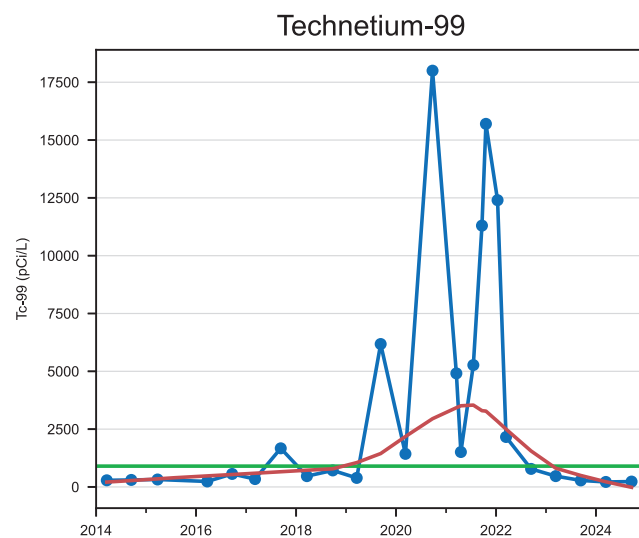
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Figure 83. Tc-99 and TCE at MW341 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/20/2014	287.0	2100.0
09/15/2014	303.0	1490.0
03/26/2015	322.0	1140.0
03/23/2016	237.0	1800.0
09/21/2016	562.0	1200.0
03/07/2017	341.0	1000.0
09/11/2017	1670.0	1070.0
03/21/2018	467.0	1520.0
09/26/2018	714.0	2610.0
03/20/2019	390.0	2590.0
09/11/2019	6180.0	
09/18/2019		3670.0
03/10/2020	1430.0	2150.0
09/24/2020	18000.0	3600.0
03/17/2021	4910.0	2280.0
04/19/2021	1510.0	1890.0
07/19/2021	5270.0	2630.0
09/20/2021	11300.0	2640.0
10/19/2021	15700.0	2420.0
01/12/2022	12400.0	2530.0
03/15/2022	2160.0	1780.0
09/14/2022	780.0	1930.0
03/13/2023	468.0	1500.0
09/12/2023	282.0	498.0
03/13/2024	216.0	62.5
09/17/2024	232.0	31.7

Notes:

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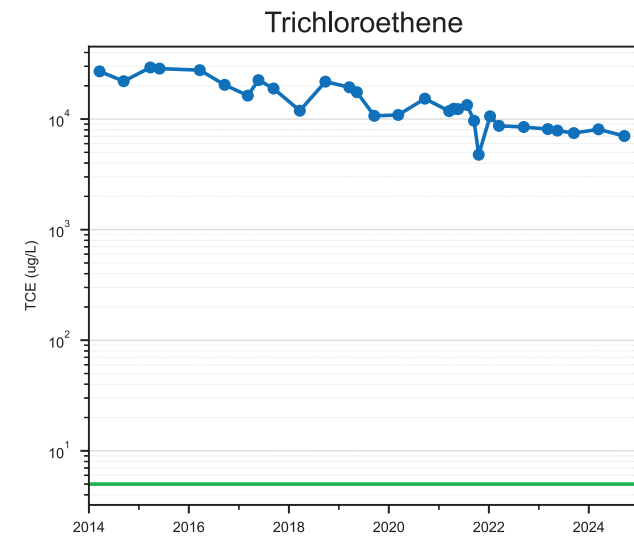
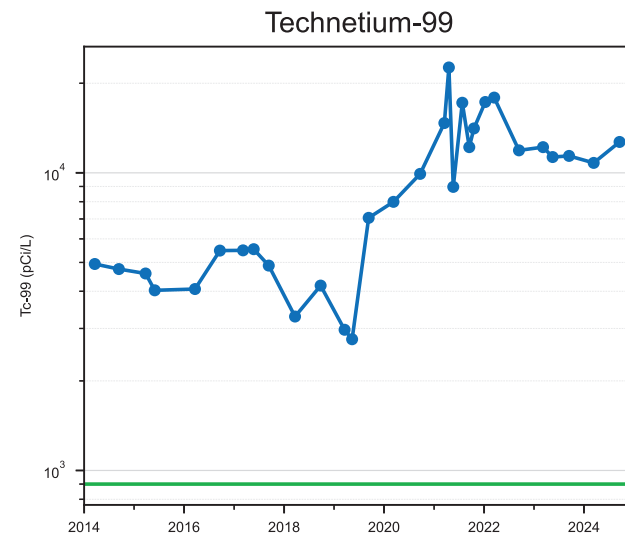
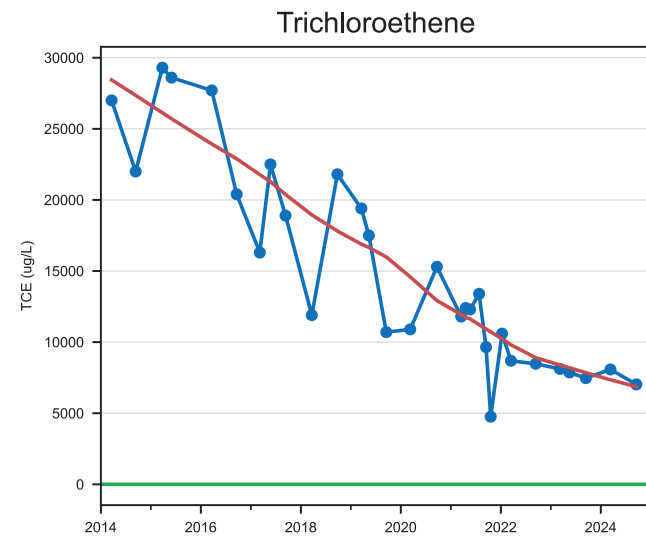
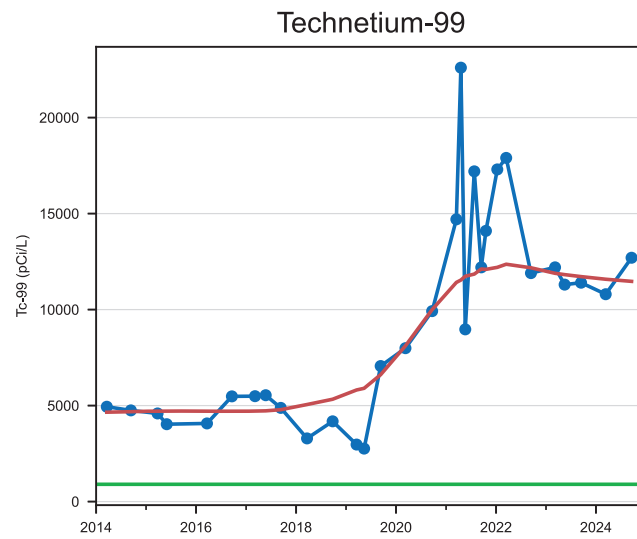
FOUR RIVERS
 NUCLEAR PARTNERSHIP, LLC

Figure 84. Tc-99 and TCE at MW342 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/20/2014	4940.0	27000.0
09/12/2014	4750.0	22000.0
03/26/2015	4590.0	29300.0
06/01/2015	4030.0	28600.0
03/21/2016	4070.0	27700.0
09/19/2016	5480.0	20400.0
03/07/2017	5490.0	16300.0
05/24/2017	5540.0	22500.0
09/11/2017	4880.0	18900.0
03/22/2018	3290.0	11900.0
09/25/2018	4180.0	21800.0
03/19/2019	2970.0	19400.0
05/13/2019	2760.0	17500.0
09/11/2019	7060.0	
09/17/2019		10700.0
03/10/2020	7990.0	10900.0
09/21/2020	9920.0	15300.0
03/17/2021	14700.0	11800.0
04/19/2021	22600.0	12400.0
05/21/2021	8970.0	12300.0
07/26/2021	17200.0	13400.0
09/15/2021	12200.0	9650.0
10/19/2021	14100.0	4760.0
01/10/2022	17300.0	10600.0
03/16/2022	17900.0	8690.0
09/13/2022	11900.0	8480.0
03/08/2023	12200.0	8120.0
05/17/2023	11300.0	7870.0
09/14/2023	11400.0	7470.0
03/12/2024	10800.0	8080.0
09/17/2024	12700.0	7030.0

Notes:

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● Data
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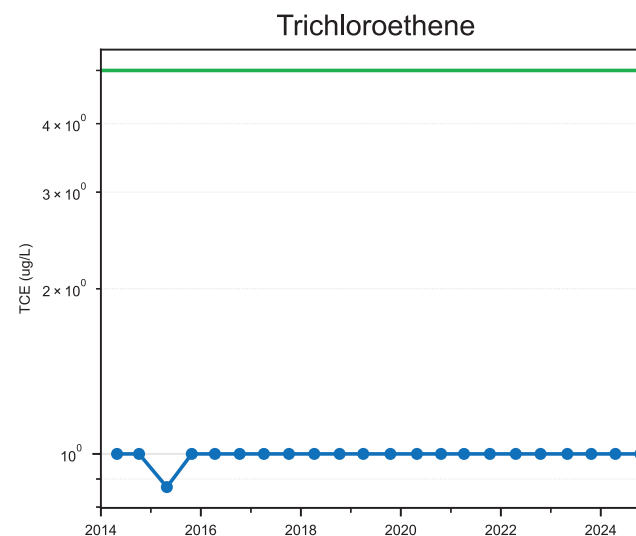
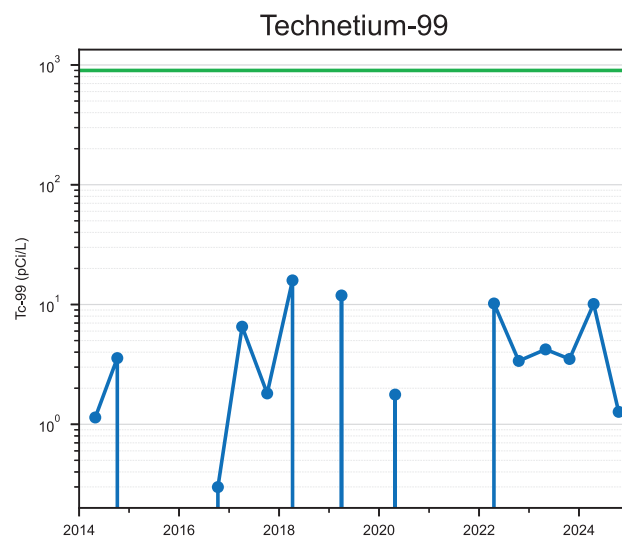
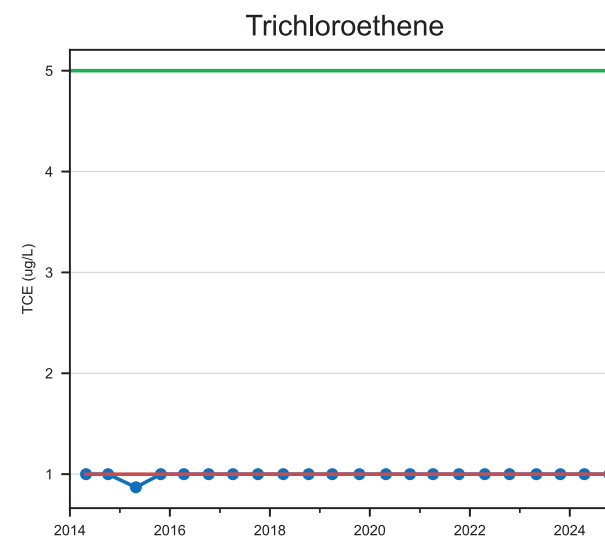
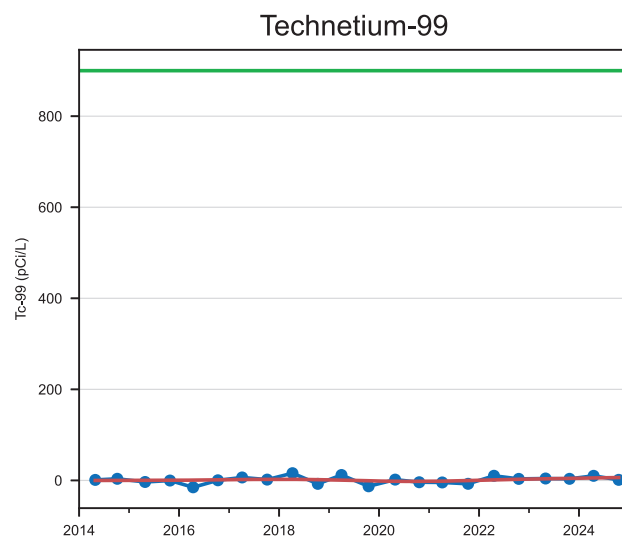
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Figure 85. Tc-99 and TCE at MW343 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
04/29/2014	< 1.14	< 1.0
10/07/2014	< 3.57	< 1.0
04/28/2015	< 3.42	0.87
10/27/2015	< 0.265	< 1.0
04/13/2016	< 15.1	< 1.0
10/11/2016	< 0.299	< 1.0
04/08/2017	< 6.53	< 1.0
10/08/2017	< 1.81	< 1.0
04/09/2018	< 15.9	< 1.0
10/11/2018	< 7.53	< 1.0
04/02/2019	< 11.9	< 1.0
10/17/2019	< 12.9	< 1.0
04/28/2020	< 1.77	< 1.0
10/21/2020	< 4.0	< 1.0
04/07/2021	< 4.46	< 1.0
10/13/2021	< 7.45	< 1.0
04/20/2022	< 10.2	< 1.0
10/18/2022	< 3.38	< 1.0
05/02/2023	< 4.22	< 1.0
10/24/2023	< 3.51	< 1.0
04/17/2024	< 10.1	< 1.0
10/17/2024	< 1.27	< 1.0

Notes:

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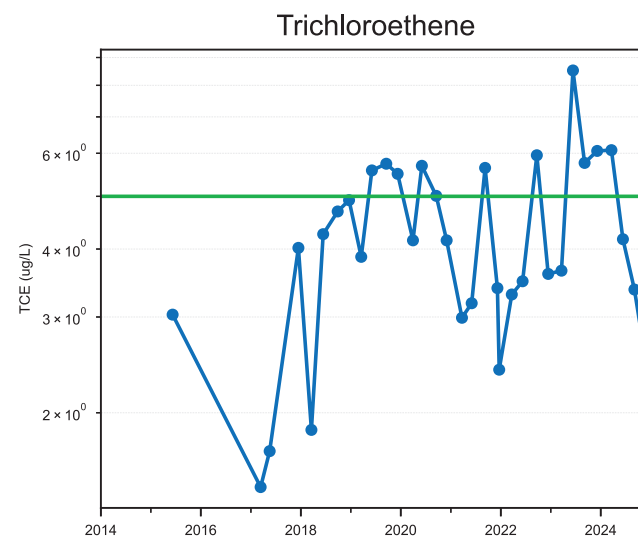
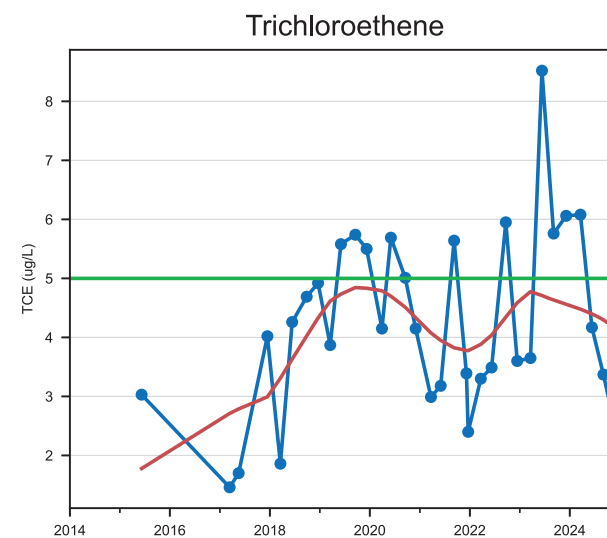
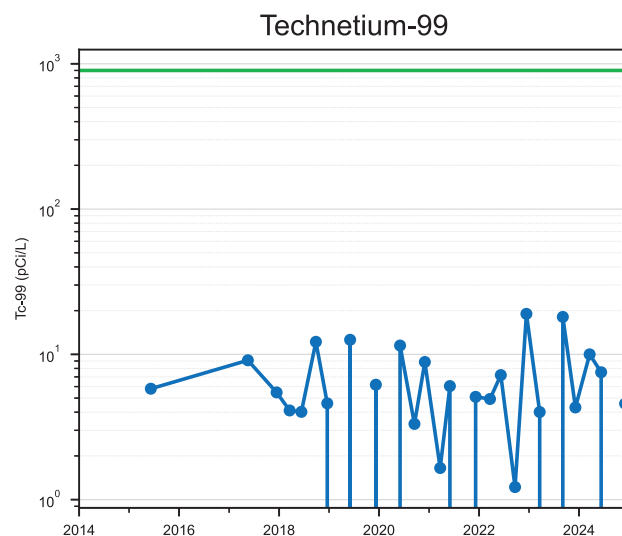
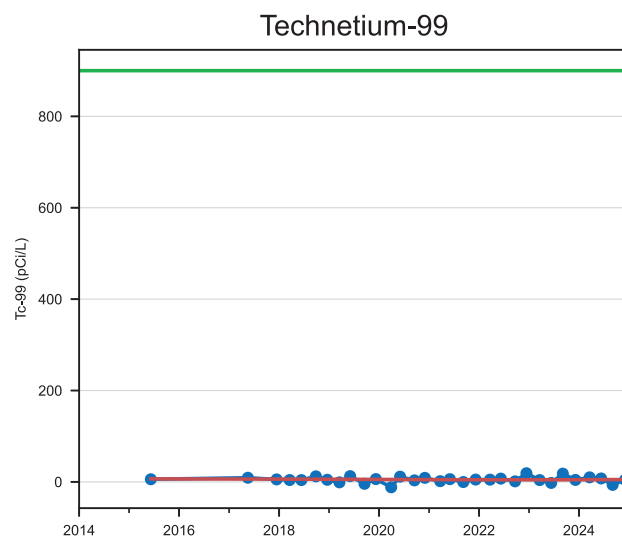
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Figure 86. Tc-99 and TCE at MW344 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
06/09/2015	< 5,8	3,03
03/13/2017		1,46
05/18/2017	< 9,1	1,7
12/14/2017	< 5,47	4,02
03/19/2018	< 4,11	1,86
06/13/2018	< 4,02	4,26
09/27/2018	< 12,2	4,69
12/19/2018	< 4,6	4,92
03/18/2019	< -0,985	3,87
06/04/2019	< 12,6	5,58
09/17/2019	< -4,13	5,74
12/09/2019	< 6,18	5,5
03/30/2020	< -11,8	4,15
06/03/2020	< 11,5	5,69
09/16/2020	< 3,32	5,01
12/01/2020	< 8,86	4,15
03/23/2021	< 1,65	2,99
06/02/2021	< 6,05	3,18
09/08/2021	< -0,297	5,64
12/07/2021	< 5,1	3,39
12/20/2021		2,4
03/22/2022	< 4,93	3,3
06/09/2022	< 7,2	3,49
09/21/2022	< 1,22	5,95
12/13/2022	< 19,0	3,6
03/20/2023	< 4,01	3,65
06/12/2023	< -2,23	8,52
09/05/2023	< 18,1	5,76
12/06/2023	< 4,31	6,06
03/19/2024	< 10,0	6,08
06/11/2024	< 7,53	4,17
09/03/2024	< -6,46	3,37
12/03/2024	< 4,58	2,42

Notes:

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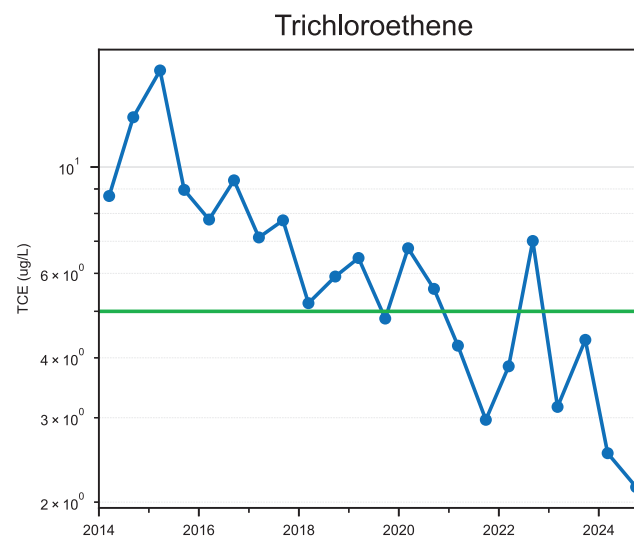
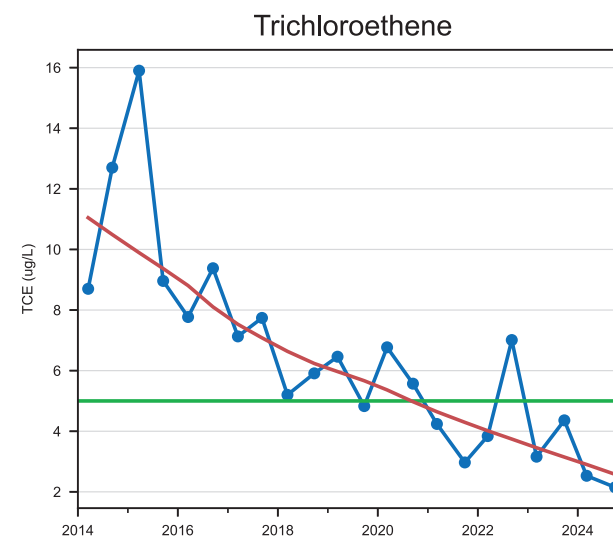
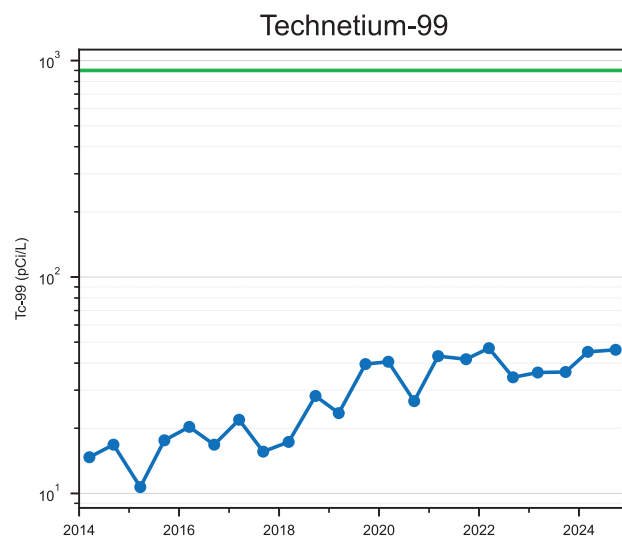
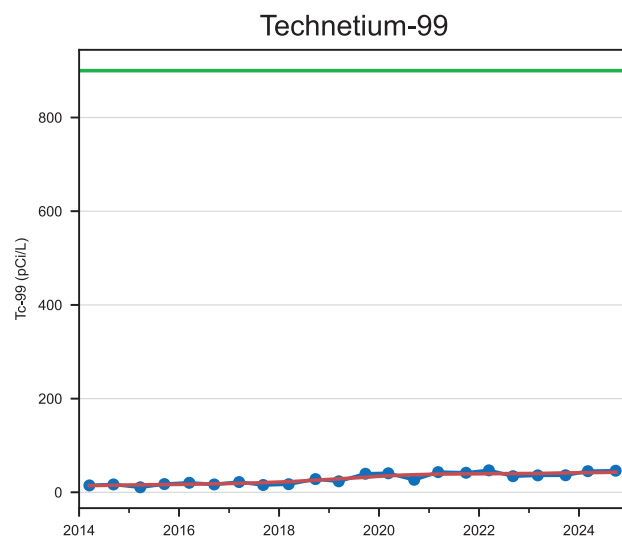
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Figure 87. Tc-99 and TCE at MW354 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/17/2014	< 14.7	8.7
09/09/2014	< 16.8	12.7
03/24/2015	< 10.7	15.9
09/16/2015	< 17.6	8.96
03/16/2016	20.3	7.77
09/14/2016	< 16.8	9.38
03/15/2017	21.9	7.13
09/07/2017	< 15.6	7.74
03/12/2018	17.3	5.2
09/24/2018	28.2	5.91
03/13/2019	23.5	6.46
09/24/2019	39.6	4.83
03/09/2020	40.6	6.77
09/14/2020	26.7	5.57
03/08/2021	43.1	4.24
09/28/2021	41.7	2.97
03/14/2022	46.9	3.84
09/06/2022	34.4	7.01
03/06/2023	36.2	3.16
09/25/2023	36.4	4.36
03/06/2024	45.1	2.53
09/25/2024	46.1	
09/30/2024		2.15

Notes:

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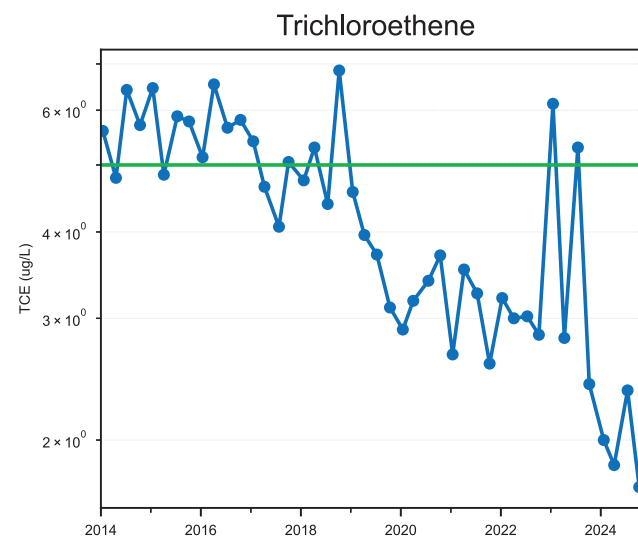
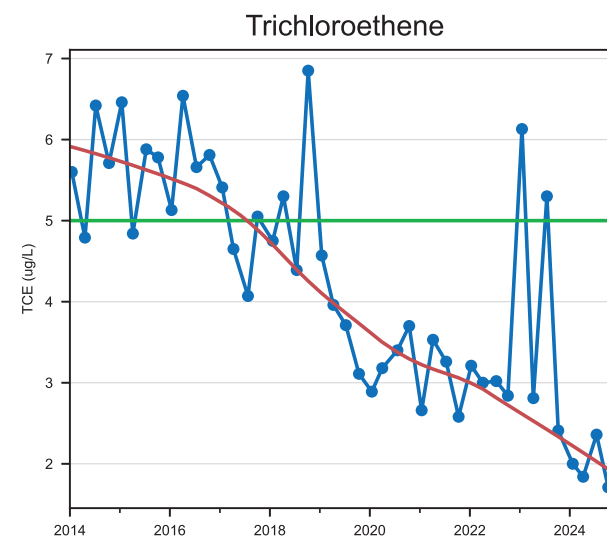
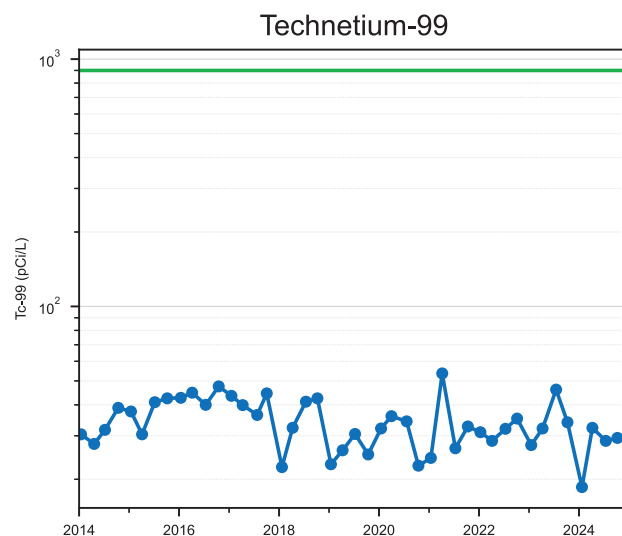
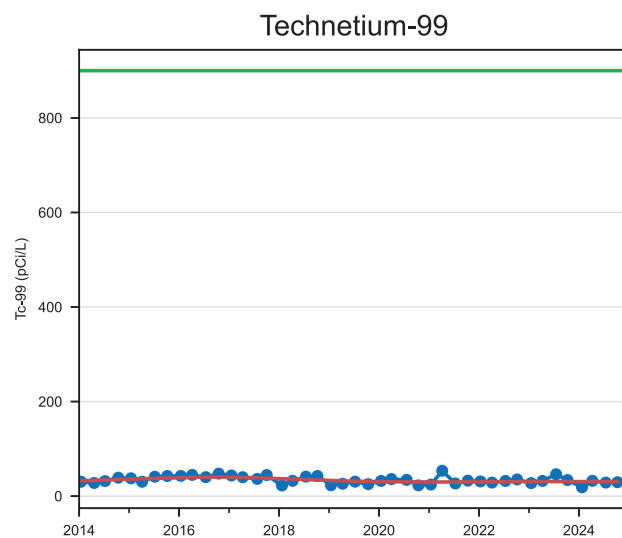

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Figure 88. Tc-99 and TCE at MW355 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/15/2014	30.4	5.6
04/21/2014	27.8	4.79
07/09/2014	31.7	6.42
10/14/2014	38.9	5.71
01/15/2015	37.6	6.46
04/06/2015	30.4	4.84
07/08/2015	41.0	
07/13/2015		5.88
10/07/2015	42.5	5.78
01/14/2016	42.7	5.13
04/06/2016	44.8	6.54
07/14/2016	40.0	5.66
10/17/2016	47.5	5.81
01/18/2017	43.5	5.41
04/10/2017	39.9	4.65
07/25/2017	36.4	4.07
10/03/2017	44.5	5.05
01/22/2018	22.4	4.75
04/10/2018	32.3	5.3
07/16/2018	41.2	4.39
10/08/2018	42.5	6.85
01/15/2019	23.0	4.57
04/10/2019	26.2	3.96
07/10/2019	30.5	3.71
10/14/2019	25.2	3.11
01/16/2020	32.1	2.89
04/01/2020	36.0	3.18
07/21/2020	34.3	3.4
10/15/2020	22.7	3.7
01/14/2021	24.4	2.66
04/07/2021	53.6	3.53
07/12/2021	26.7	3.26
10/11/2021	32.7	2.58
01/11/2022	31.0	3.21
04/06/2022	28.6	3.0
07/13/2022	32.0	3.02
10/06/2022	35.2	2.84
01/17/2023	27.5	6.13
04/10/2023	32.1	2.81
07/18/2023	46.1	5.3
10/09/2023	34.0	2.41
01/23/2024	< 18.6	2.0
04/08/2024	32.3	1.84
07/15/2024	28.6	2.36
10/08/2024	29.4	1.71

Notes:

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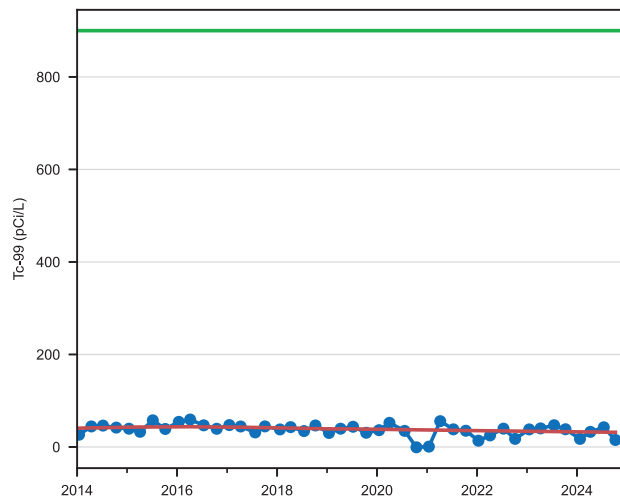
Figure 89. Tc-99 and TCE at MW357 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/15/2014	26.5	5.8
04/15/2014	44.4	6.31
07/09/2014	46.2	5.37
10/14/2014	41.9	5.24
01/15/2015	39.5	4.47
04/06/2015	32.8	15.8
07/08/2015	57.6	
07/13/2015		4.64
10/07/2015	38.9	3.78
01/14/2016	54.3	4.13
04/06/2016	59.3	5.44
07/14/2016	46.8	4.08
10/17/2016	39.3	10.1
01/17/2017	47.3	3.79
04/10/2017	44.3	4.9
07/25/2017	31.5	3.64
10/04/2017	44.5	3.74
01/22/2018	37.9	3.29
04/10/2018	42.9	6.02
07/17/2018	34.4	4.09
10/08/2018	46.5	5.18
01/15/2019	30.3	3.2
04/10/2019	39.5	4.48
07/10/2019	43.7	5.05
10/14/2019	30.7	2.09
01/16/2020	36.3	2.81
04/01/2020	52.2	3.52
07/21/2020	34.8	1.68
10/15/2020	< -0.703	1.13
01/14/2021	< 0.722	4.46
04/07/2021	55.8	2.86
07/12/2021	38.1	1.3
10/11/2021	35.1	1.65
01/11/2022	< 13.6	0.86
04/06/2022	25.0	1.3
07/13/2022	39.6	0.97
10/06/2022	17.5	0.63
01/17/2023	38.0	2.44
04/10/2023	40.2	1.11
07/18/2023	47.0	1.63
10/09/2023	38.3	0.68
01/23/2024	< 17.5	0.41
04/08/2024	32.7	0.83
07/15/2024	42.6	3.89
10/08/2024	< 15.1	0.4

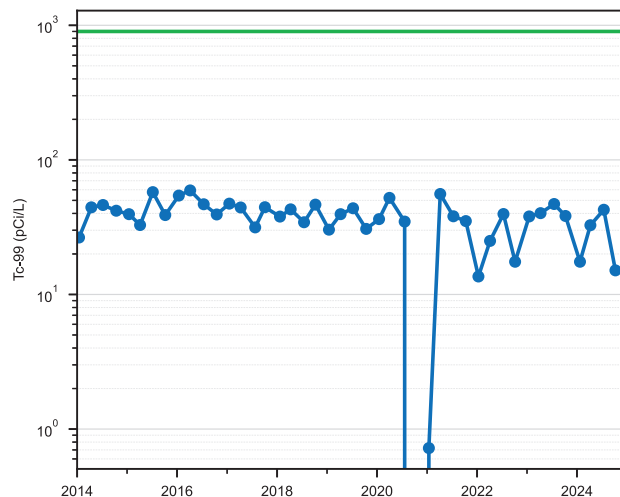
Notes:

1. < indicates non-detect value below report detection limit.
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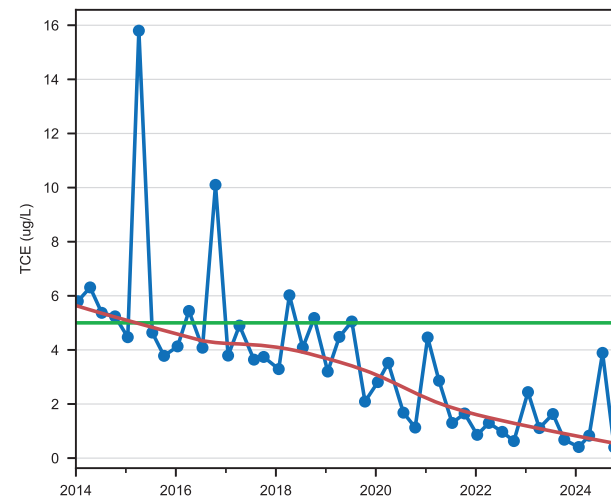
Technetium-99



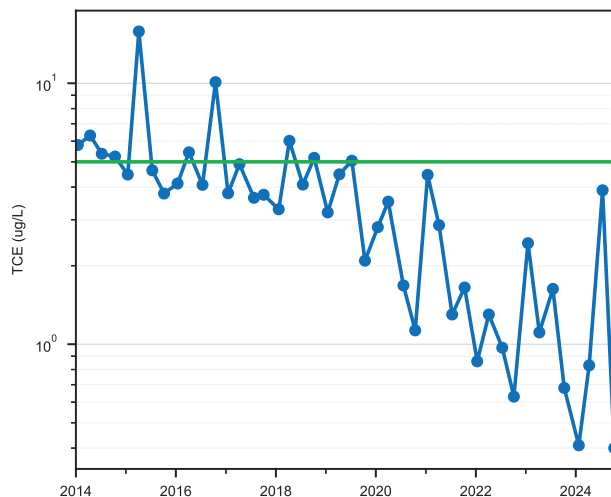
Technetium-99



Trichloroethene



Trichloroethene



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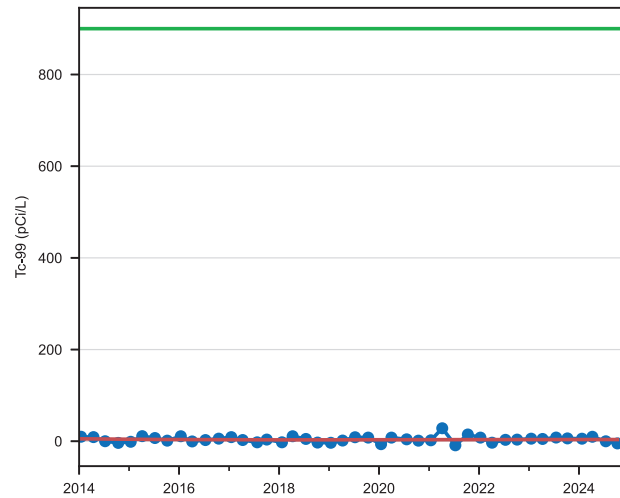
Figure 90. Tc-99 and TCE at MW358 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/15/2014	< 9.82	< 1.0
04/16/2014	< 9.0	< 1.0
07/10/2014	< 0.0254	< 1.0
10/14/2014	< -3.63	< 1.0
01/13/2015	< -1.21	< 1.0
04/07/2015	< 11.1	0.81
07/09/2015	< 6.98	< 1.0
10/07/2015	< 1.29	< 1.0
01/14/2016	< 10.9	< 1.0
04/06/2016	< -0.442	< 1.0
07/12/2016	< 2.55	< 1.0
10/17/2016	< 5.64	< 1.0
01/17/2017	< 8.95	< 1.0
04/10/2017	< 2.63	< 1.0
07/25/2017	< -2.37	< 1.0
10/03/2017	< 3.62	< 1.0
01/22/2018	< -2.32	< 1.0
04/10/2018	< 10.9	2.36
07/16/2018	< 4.99	0.99
10/09/2018	< -2.92	< 1.0
01/14/2019	< -3.4	< 1.0
04/10/2019	< 1.48	0.83
07/10/2019	< 8.71	< 1.0
10/14/2019	< 7.92	< 1.0
01/16/2020	< -6.42	< 1.0
04/01/2020	< 7.89	0.86
07/21/2020	< 4.16	< 1.0
10/15/2020	< 1.26	< 1.0
01/14/2021	< 2.04	0.42
04/07/2021	28.3	0.68
07/12/2021	< -8.87	1.76
10/11/2021	< 14.7	0.78
01/11/2022	< 7.9	1.47
04/06/2022	< -3.21	< 1.0
07/13/2022	< 3.05	0.42
10/06/2022	< 3.53	0.61
01/17/2023	< 5.57	5.0
04/10/2023	< 4.96	1.86
07/18/2023	< 8.03	7.54
10/09/2023	< 6.18	< 1.0
01/23/2024	< 5.52	< 1.0
04/08/2024	< 9.74	0.57
07/15/2024	< -0.111	< 1.0
10/08/2024	< -4.76	0.49

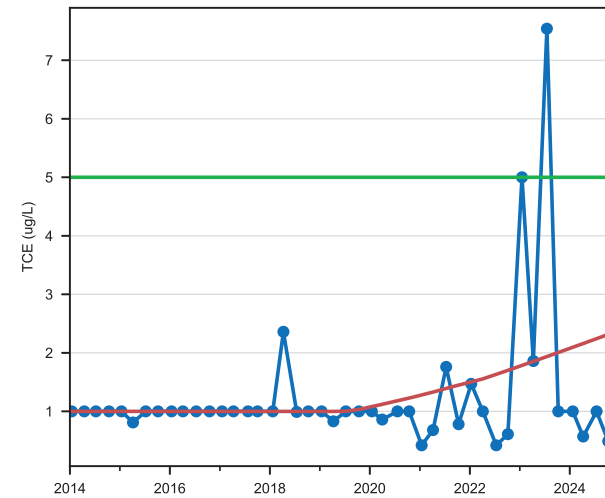
Notes:

1. < indicates non-detect value below report detection limit.
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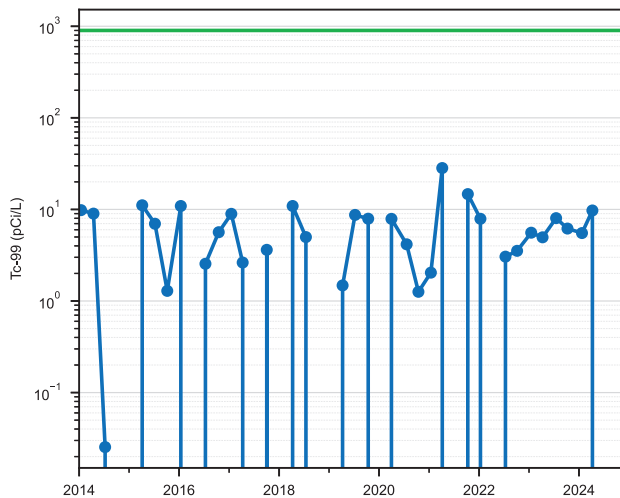
Technetium-99



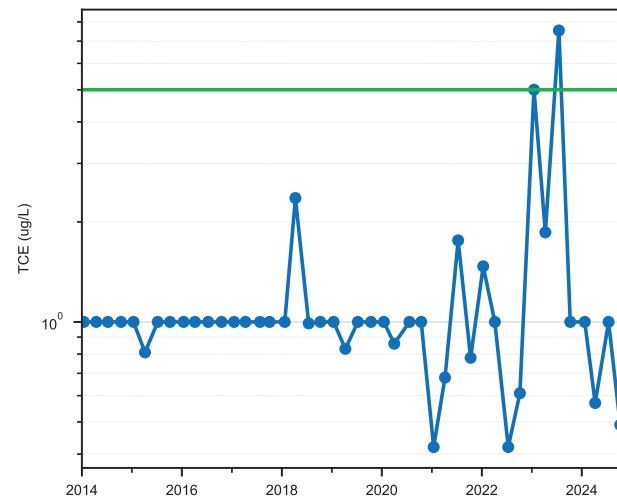
Trichloroethene



Technetium-99



Trichloroethene



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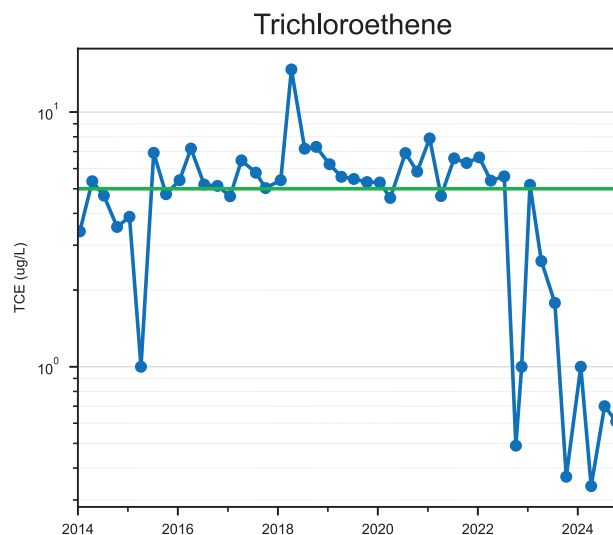
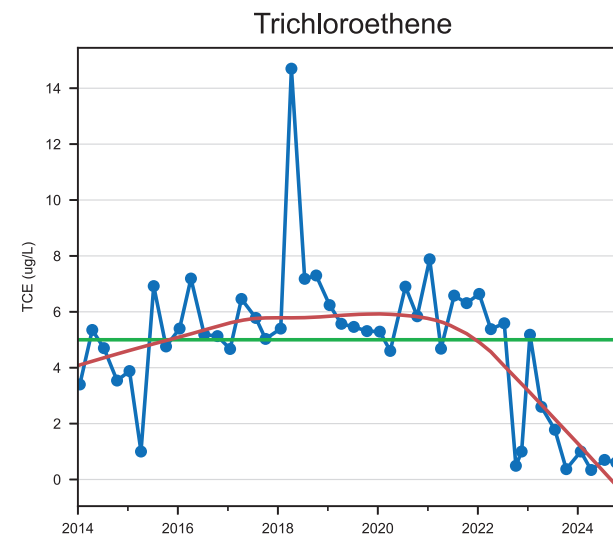
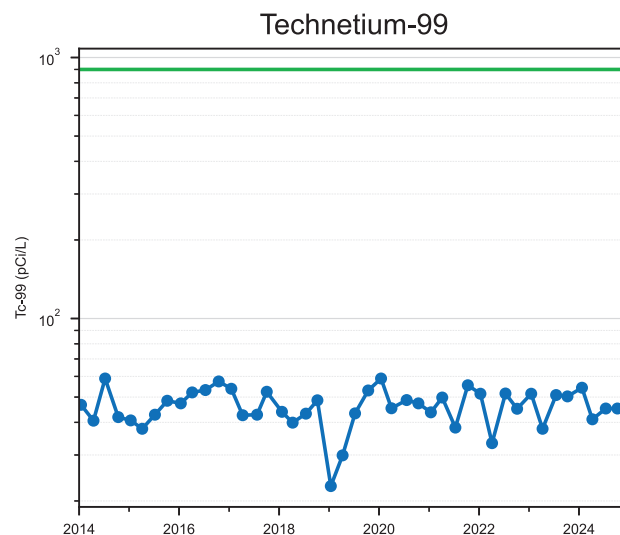
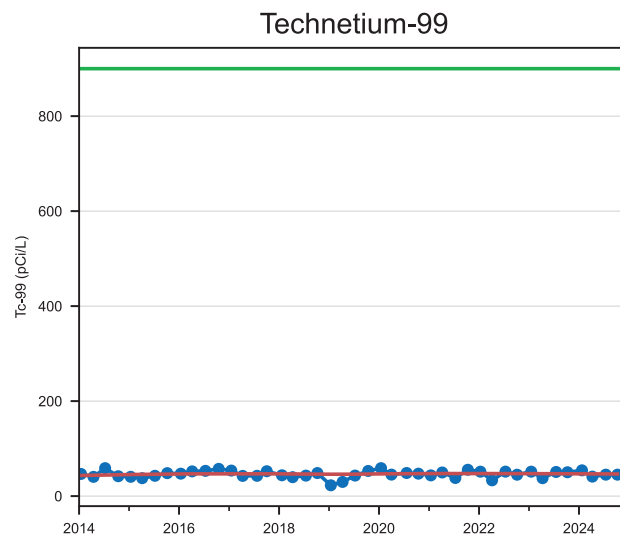
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Figure 91. Tc-99 and TCE at MW360 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/15/2014	46.7	3.4
04/16/2014	40.6	5.35
07/10/2014	58.9	4.7
10/14/2014	41.9	3.54
01/13/2015	40.7	3.88
04/07/2015	37.8	< 1.0
07/09/2015	42.8	6.92
10/07/2015	48.4	4.76
01/14/2016	47.3	5.4
04/06/2016	52.1	7.19
07/12/2016	53.2	5.19
10/17/2016	57.4	5.13
01/17/2017	53.8	4.67
04/10/2017	42.6	6.46
07/24/2017	42.8	5.78
10/03/2017	52.4	5.03
01/22/2018	43.9	5.4
04/10/2018	39.9	14.7
07/16/2018	43.2	7.18
10/08/2018	48.6	7.3
01/14/2019	22.8	6.24
04/10/2019	29.9	5.57
07/10/2019	43.3	5.46
10/14/2019	53.0	5.31
01/16/2020	58.9	5.29
04/01/2020	45.3	4.6
07/21/2020	48.7	6.9
10/15/2020	47.3	5.84
01/14/2021	43.7	7.88
04/07/2021	49.8	4.68
07/12/2021	38.2	6.58
10/11/2021	55.5	6.31
01/11/2022	51.5	6.64
04/06/2022	33.3	5.38
07/13/2022	51.6	5.59
10/06/2022	45.1	0.49
11/17/2022		< 1.0
01/17/2023	51.5	5.18
04/10/2023	37.8	2.6
07/18/2023	50.9	1.78
10/09/2023	50.3	0.37
01/23/2024	54.3	< 1.0
04/08/2024	41.1	0.34
07/15/2024	45.2	0.7
10/08/2024	45.2	0.61

Notes:

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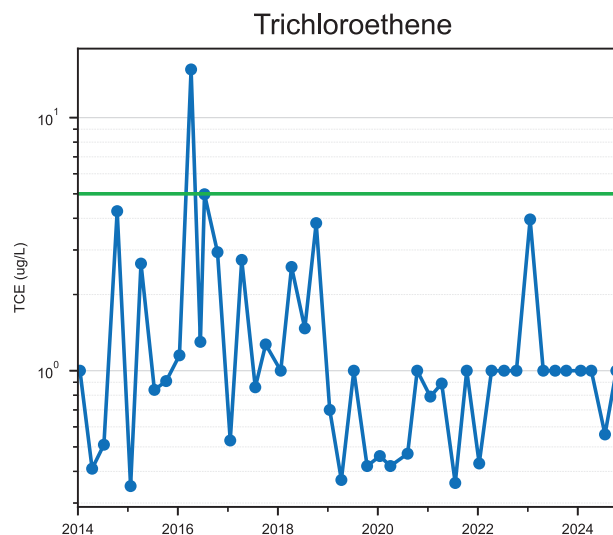
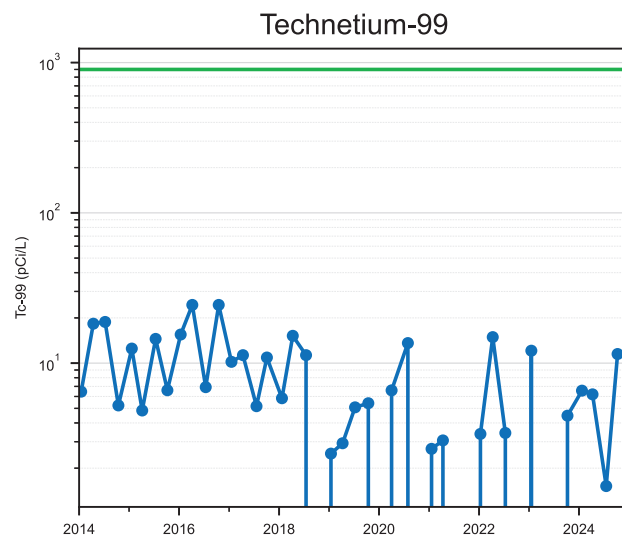
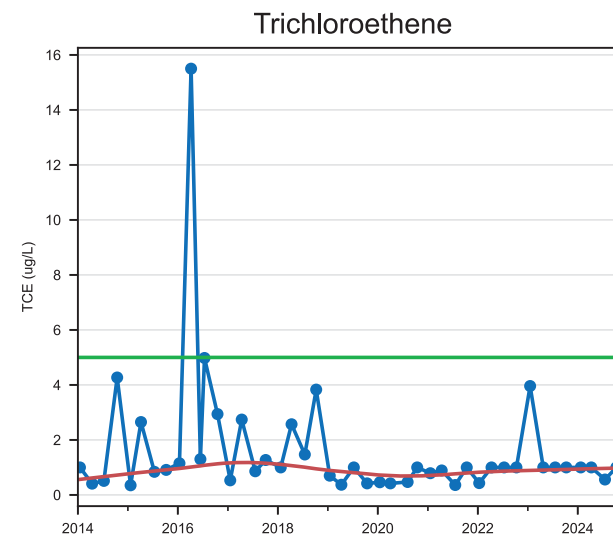
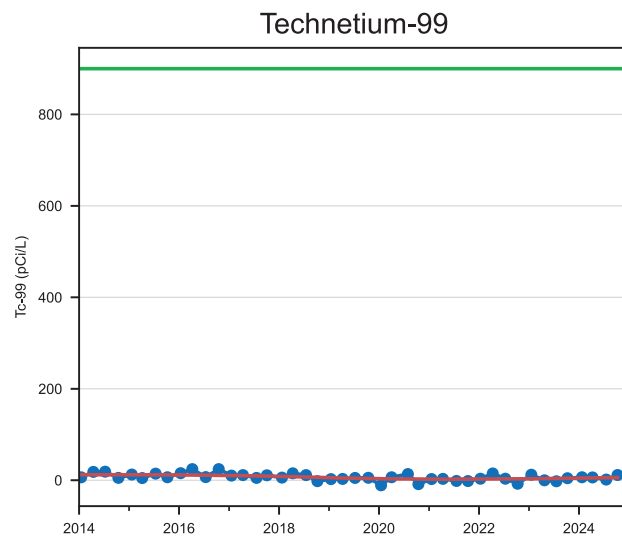
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Figure 92. Tc-99 and TCE at MW361 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/16/2014	< 6.46	< 1.0
04/15/2014	< 18.3	0.41
07/10/2014	< 18.8	0.51
10/15/2014	< 5.23	4.27
01/21/2015	< 12.5	0.35
04/07/2015	< 4.84	2.65
07/14/2015	< 14.5	0.84
10/08/2015	< 6.6	0.91
01/13/2016	< 15.5	1.15
04/07/2016	24.4	15.5
06/14/2016		1.3
07/14/2016	< 6.92	4.98
10/17/2016	24.4	2.94
01/18/2017	< 10.2	0.53
04/12/2017	< 11.3	2.74
07/20/2017	< 5.17	0.86
10/04/2017	< 10.9	1.27
01/22/2018	< 5.84	1.0
04/11/2018	< 15.2	2.57
07/17/2018	< 11.3	1.47
10/08/2018	< 1.97	3.83
01/15/2019	< 2.5	0.7
04/10/2019	< 2.93	0.37
07/10/2019	< 5.08	< 1.0
10/15/2019	< 5.41	0.42
01/16/2020	< 11.0	0.46
04/02/2020	< 6.59	0.42
07/30/2020	< 13.6	
08/08/2020		0.47
10/15/2020	< 8.53	< 1.0
01/19/2021	< 2.69	0.79
04/12/2021	< 3.06	0.89
07/20/2021	< 1.48	0.36
10/12/2021	< 1.73	< 1.0
01/11/2022	< 3.38	0.43
04/11/2022	< 14.9	< 1.0
07/12/2022	< 3.43	< 1.0
10/10/2022	< 7.61	< 1.0
01/18/2023	< 12.1	3.96
04/24/2023	< 0.0914	< 1.0
07/20/2023	< 2.22	< 1.0
10/09/2023	< 4.47	< 1.0
01/23/2024	< 6.56	< 1.0
04/09/2024	< 6.2	< 1.0
07/18/2024	< 1.52	0.56
10/09/2024	< 11.5	< 1.0

Notes:

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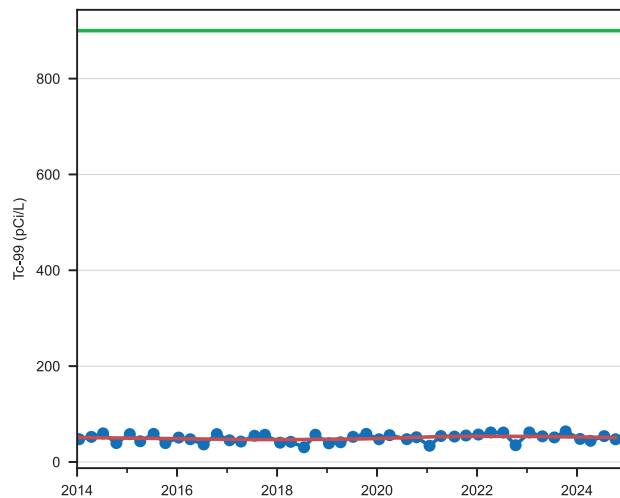
Figure 93. Tc-99 and TCE at MW363 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/16/2014	47.6	3.0
04/15/2014	52.5	4.25
07/10/2014	59.7	3.48
10/15/2014	39.6	3.86
01/21/2015	58.2	4.87
04/07/2015	43.3	4.78
07/14/2015	58.7	4.3
10/08/2015	39.5	4.4
01/13/2016	51.0	5.21
04/07/2016	47.5	4.78
07/14/2016	36.7	5.26
10/18/2016	58.2	6.03
01/19/2017	45.3	6.8
04/12/2017	42.7	5.56
07/20/2017	54.8	5.55
10/04/2017	56.8	6.79
01/23/2018	40.3	6.33
04/11/2018	42.1	6.93
07/17/2018	30.7	6.12
10/08/2018	56.9	12.3
01/15/2019	39.0	7.09
04/10/2019	41.2	6.98
07/10/2019	52.5	6.69
10/15/2019	58.7	5.77
01/16/2020	47.5	6.12
04/02/2020	56.0	6.88
08/08/2020	47.7	6.98
10/15/2020	51.7	6.26
01/19/2021	33.9	7.15
04/12/2021	54.2	5.81
07/20/2021	53.1	6.52
10/12/2021	55.3	6.07
01/11/2022	57.3	4.53
04/11/2022	61.7	2.85
07/12/2022	61.5	3.99
10/10/2022	35.0	3.01
01/18/2023	61.7	3.36
04/24/2023	53.6	0.81
07/20/2023	51.3	0.39
10/10/2023	63.9	0.78
01/24/2024	48.1	0.72
04/09/2024	44.2	0.65
07/18/2024	54.0	0.96
10/09/2024	47.4	0.68

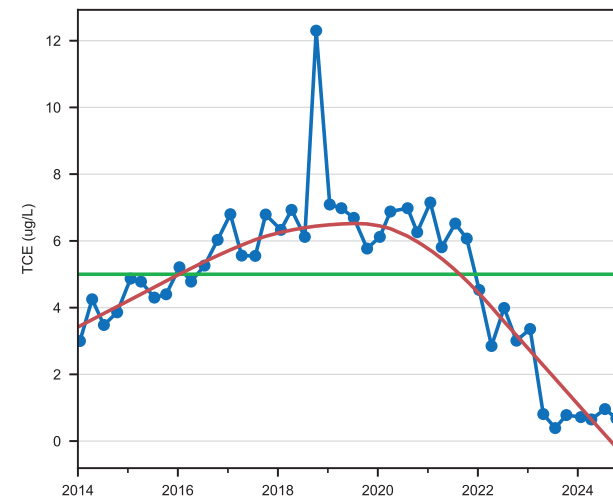
Notes:

1. < indicates non-detect value below report detection limit.
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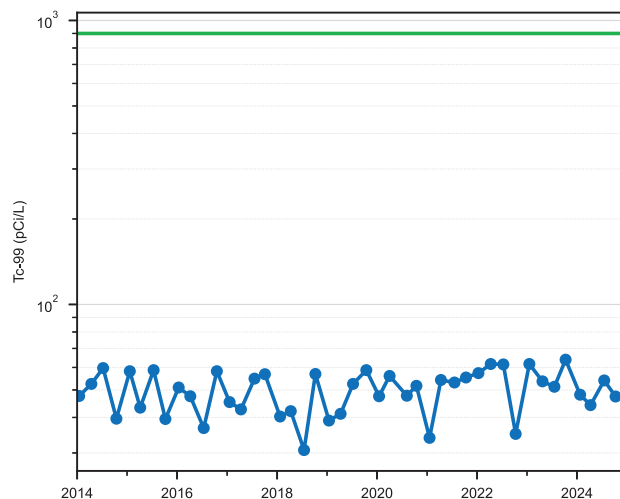
Technetium-99



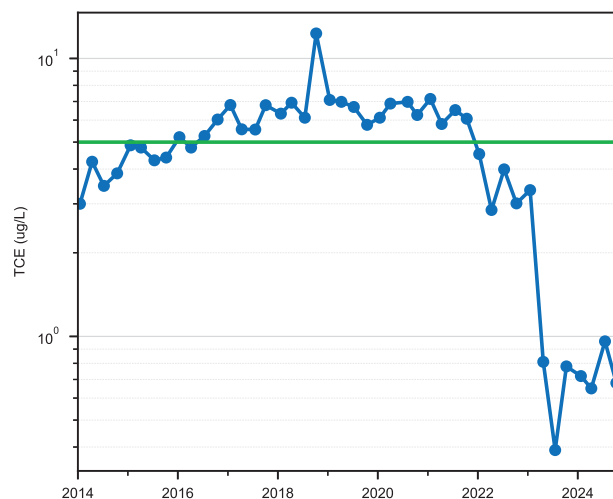
Trichloroethene



Technetium-99



Trichloroethene



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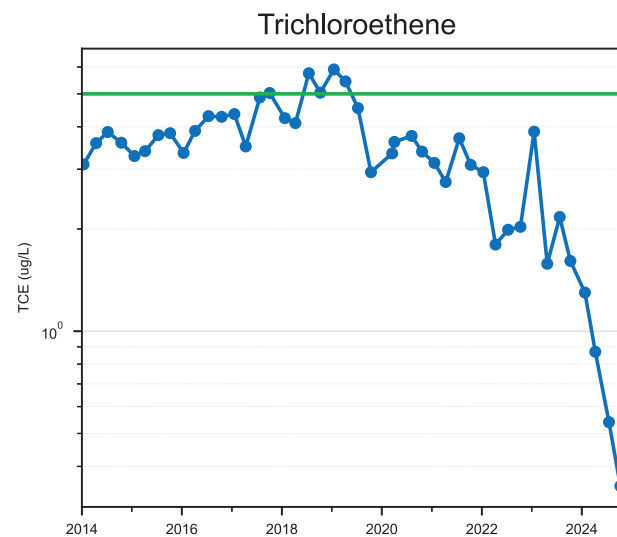
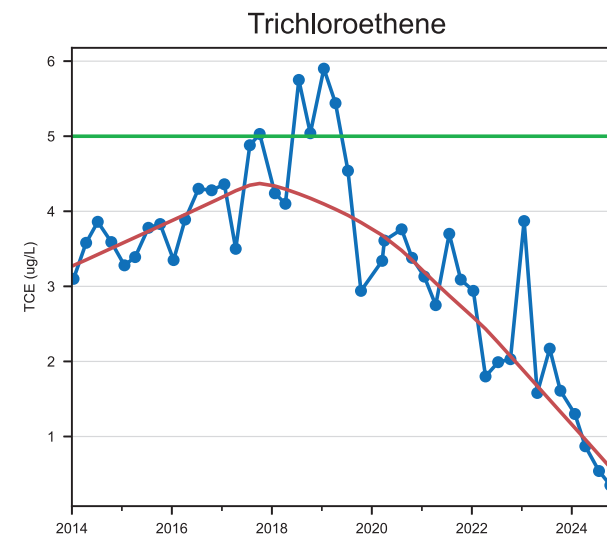
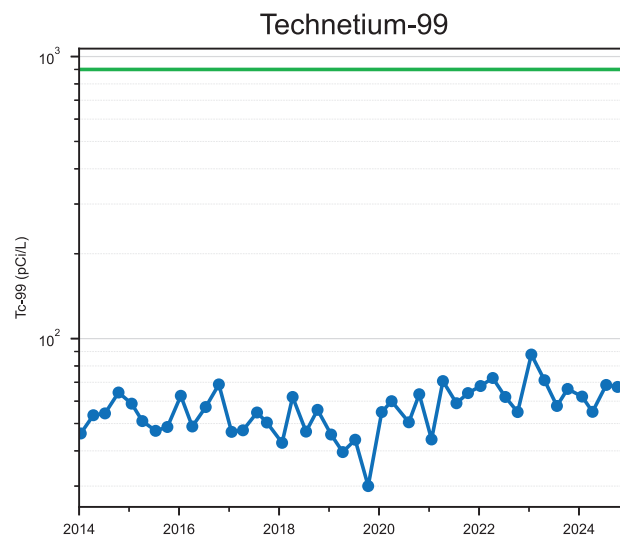
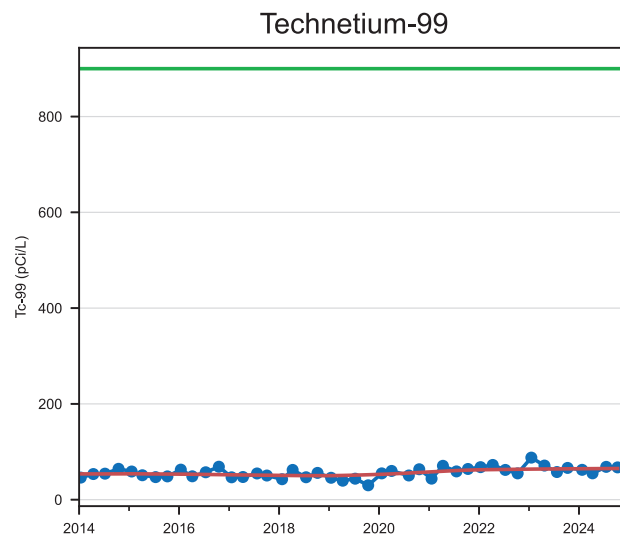

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Figure 94. Tc-99 and TCE at MW364 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/13/2014	46.1	3.1
04/15/2014	53.5	3.58
07/09/2014	54.3	3.86
10/16/2014	64.4	3.59
01/20/2015	58.8	3.28
04/08/2015	51.0	3.39
07/14/2015	47.1	3.78
10/08/2015	48.6	3.83
01/14/2016	62.7	3.35
04/07/2016	48.8	3.89
07/14/2016	57.2	4.3
10/18/2016	68.8	4.28
01/19/2017	46.7	4.36
04/12/2017	47.3	3.5
07/24/2017	54.7	4.88
10/04/2017	50.4	5.03
01/23/2018	42.7	4.24
04/10/2018	62.1	4.1
07/17/2018	46.8	5.75
10/09/2018	55.9	5.04
01/16/2019	45.7	5.9
04/11/2019	39.6	5.44
07/11/2019	43.8	4.54
10/14/2019	30.0	2.94
01/21/2020	54.9	
03/17/2020		3.34
04/02/2020	60.0	3.61
08/06/2020	50.5	3.76
10/21/2020	63.5	3.38
01/19/2021	43.9	3.13
04/12/2021	70.7	2.75
07/20/2021	58.0	3.7
10/12/2021	64.1	3.09
01/12/2022	67.9	2.94
04/11/2022	72.5	1.8
07/12/2022	62.1	1.99
10/10/2022	54.9	2.03
01/18/2023	87.8	3.87
04/24/2023	71.2	1.58
07/24/2023	57.7	2.17
10/10/2023	66.3	1.61
01/24/2024	62.3	1.3
04/09/2024	55.0	0.87
07/18/2024	68.5	0.54
10/09/2024	67.4	0.35

Notes:

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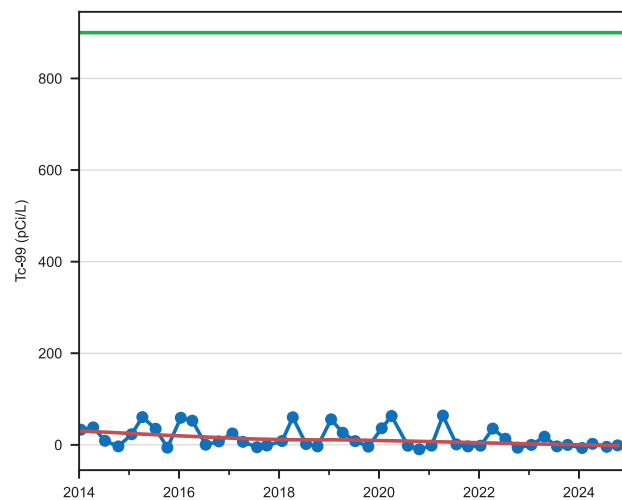
Figure 95. Tc-99 and TCE at MW366 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/13/2014	33.1	2.2
04/14/2014	38.1	3.04
07/09/2014	< 8.96	1.13
10/15/2014	< -3.34	< 1.0
01/20/2015	23.2	1.12
04/08/2015	60.6	4.19
07/14/2015	35.1	2.88
10/08/2015	< -6.15	0.31
01/14/2016	59.1	4.03
04/07/2016	52.8	4.17
07/14/2016	< 0.349	0.44
10/18/2016	< 7.55	< 1.0
01/25/2017	24.9	2.4
04/12/2017	< 6.58	1.31
07/24/2017	< -5.13	1.96
10/04/2017	< -1.54	< 1.0
01/23/2018	< 8.3	1.29
04/11/2018	60.2	5.92
07/17/2018	< 1.73	2.79
10/09/2018	< -3.27	0.57
01/16/2019	55.7	6.8
04/11/2019	26.4	6.03
07/11/2019	< 8.13	4.95
10/15/2019	< -3.87	1.07
01/21/2020	36.2	2.76
04/02/2020	63.0	5.15
07/30/2020	< -1.99	
08/06/2020		1.23
10/21/2020	< -9.71	0.5
01/19/2021	< -1.74	0.77
04/12/2021	63.9	4.53
07/20/2021	< 0.995	0.62
10/12/2021	< -3.45	< 1.0
01/12/2022	< -1.91	0.54
04/11/2022	35.5	4.13
07/12/2022	< 13.4	0.66
10/10/2022	< -6.25	< 1.0
01/18/2023	< -0.118	1.55
04/24/2023	< 17.8	1.61
07/24/2023	< -3.27	< 1.0
10/10/2023	< -0.151	< 1.0
01/24/2024	< -6.79	< 1.0
04/09/2024	< 2.28	< 1.0
07/22/2024	< -4.38	< 1.0
10/09/2024	< -1.17	< 1.0

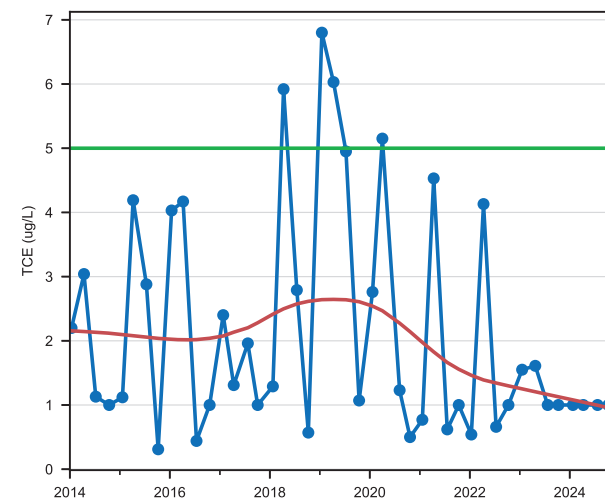
Notes:

1. < indicates non-detect value below report detection limit.
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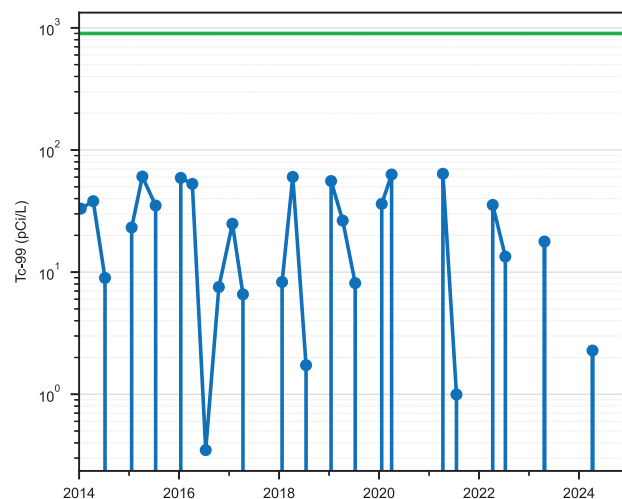
Technetium-99



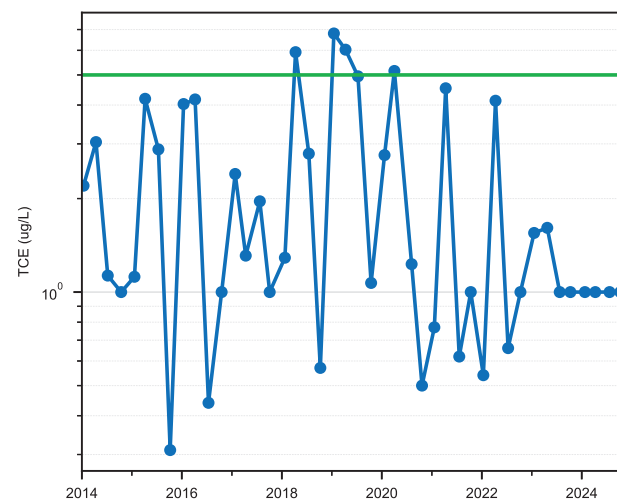
Trichloroethene



Technetium-99



Trichloroethene



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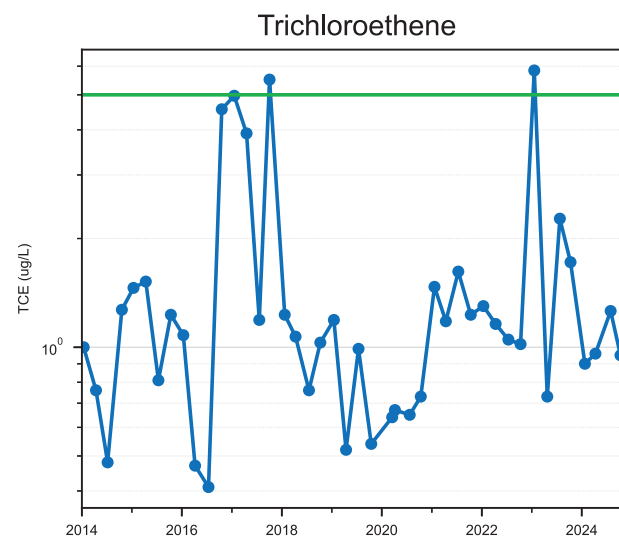
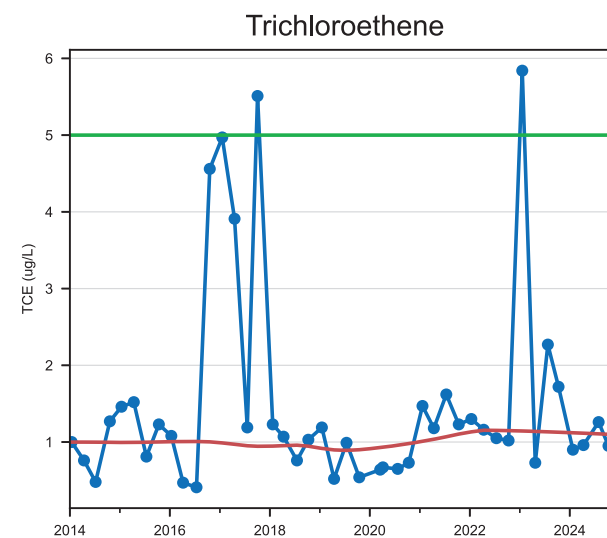
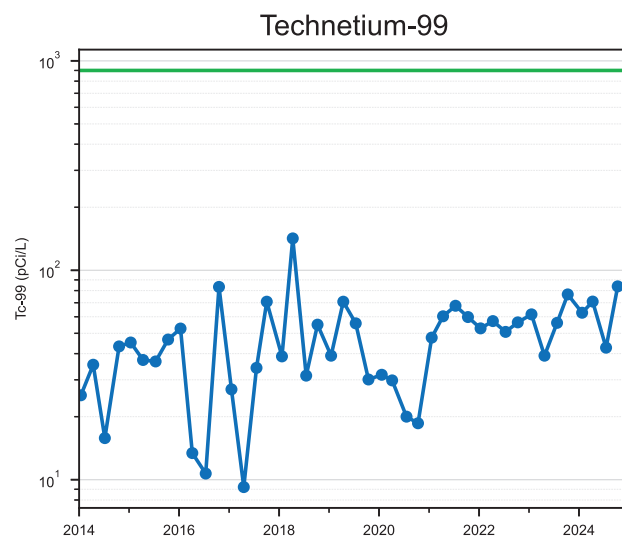
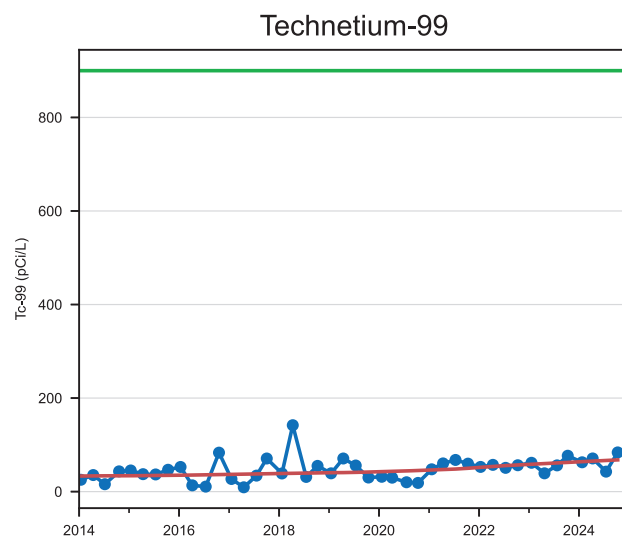
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Figure 96. Tc-99 and TCE at MW367 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/14/2014	25.3	< 1.0
04/14/2014	35.4	0.76
07/08/2014	< 15.8	0.48
10/20/2014	43.3	1.27
01/13/2015	45.2	1.46
04/13/2015	37.3	1.52
07/14/2015	36.7	0.81
10/13/2015	46.7	1.23
01/12/2016	52.7	1.08
04/07/2016	< 13.4	0.47
07/14/2016	< 10.7	0.41
10/19/2016	83.3	4.56
01/18/2017	27.0	4.97
04/18/2017	< 9.22	3.91
07/20/2017	34.2	1.19
10/03/2017	70.8	5.51
01/22/2018	38.8	1.23
04/11/2018	142.0	1.07
07/18/2018	31.4	< 0.76
10/09/2018	55.0	1.03
01/16/2019	39.1	1.19
04/15/2019	70.8	0.52
07/15/2019	55.8	0.99
10/16/2019	30.1	0.54
01/21/2020	31.7	
03/17/2020		0.64
04/06/2020	29.8	0.67
07/20/2020	20.0	
07/23/2020		0.65
10/12/2020	< 18.6	0.73
01/20/2021	47.7	1.47
04/13/2021	60.3	1.18
07/13/2021	67.7	1.62
10/12/2021	59.8	1.23
01/12/2022	52.8	1.3
04/12/2022	57.2	1.16
07/14/2022	50.8	1.05
10/11/2022	56.4	1.02
01/19/2023	61.6	5.84
04/24/2023	39.1	0.73
07/25/2023	56.1	2.27
10/11/2023	76.7	1.72
01/24/2024	62.7	0.9
04/10/2024	70.9	0.96
07/17/2024	42.7	
07/30/2024		1.26
10/10/2024	83.8	0.95

Notes:

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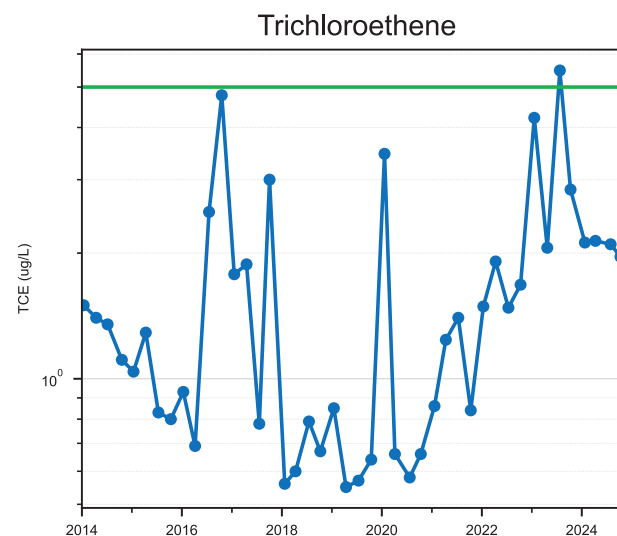
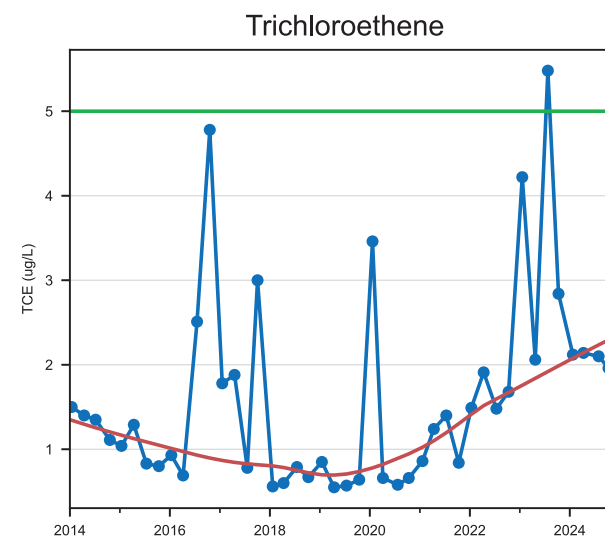
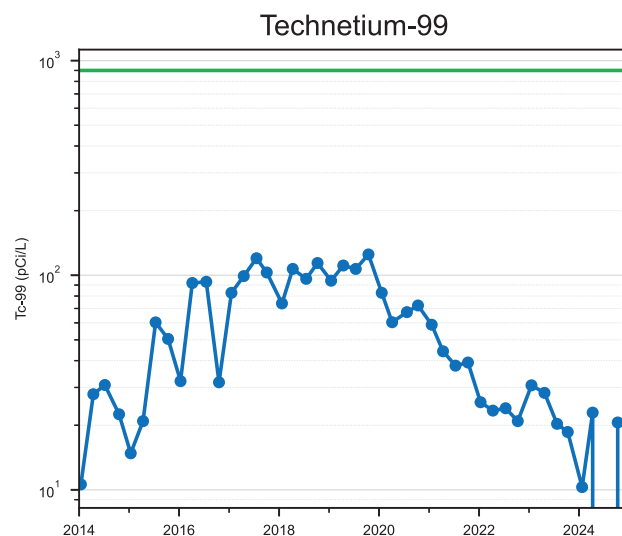
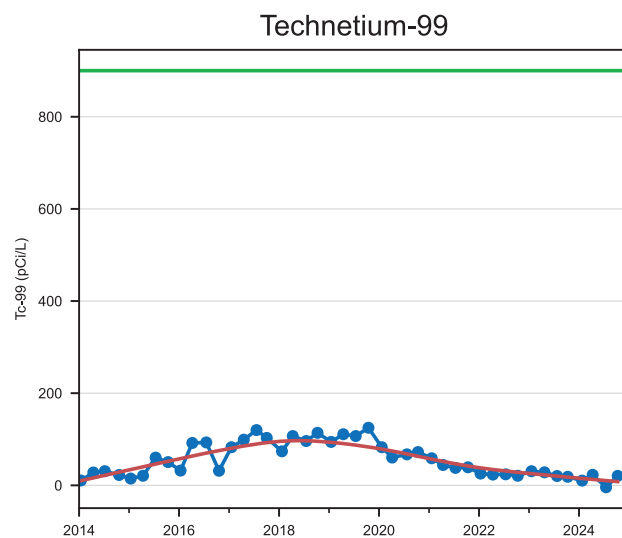
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Figure 97. Tc-99 and TCE at MW369 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/14/2014	< 10.6	1.5
04/15/2014	27.9	1.4
07/08/2014	30.8	1.35
10/20/2014	22.5	1.11
01/13/2015	< 14.8	1.04
04/13/2015	20.9	1.29
07/14/2015	60.3	0.83
10/13/2015	50.5	0.8
01/12/2016	32.1	0.93
04/07/2016	92.0	0.69
07/18/2016	93.2	2.51
10/19/2016	31.7	4.78
01/18/2017	82.8	1.78
04/18/2017	99.1	1.88
07/20/2017	120.0	0.78
10/03/2017	103.0	3.0
01/22/2018	73.9	0.56
04/11/2018	107.0	0.6
07/18/2018	96.2	< 0.79
10/09/2018	114.0	0.67
01/16/2019	94.3	0.85
04/15/2019	111.0	0.55
07/15/2019	107.0	0.57
10/16/2019	125.0	0.64
01/21/2020	82.8	3.46
04/06/2020	60.4	0.66
07/23/2020	67.3	0.58
10/12/2020	72.3	0.66
01/20/2021	58.8	0.86
04/13/2021	44.2	1.24
07/13/2021	37.9	1.4
10/12/2021	39.2	0.84
01/12/2022	25.6	1.49
04/12/2022	23.4	1.91
07/14/2022	24.0	1.48
10/11/2022	20.9	1.68
01/19/2023	30.7	4.22
04/24/2023	28.3	2.06
07/25/2023	< 20.3	5.48
10/11/2023	< 18.6	2.84
01/24/2024	< 10.3	2.12
04/10/2024	22.9	2.14
07/17/2024	< 4.19	
07/30/2024		2.1
10/10/2024	20.6	1.96

Notes:

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- A fraction of 0.5 was used, which affects how many points are considered to be local for each point.



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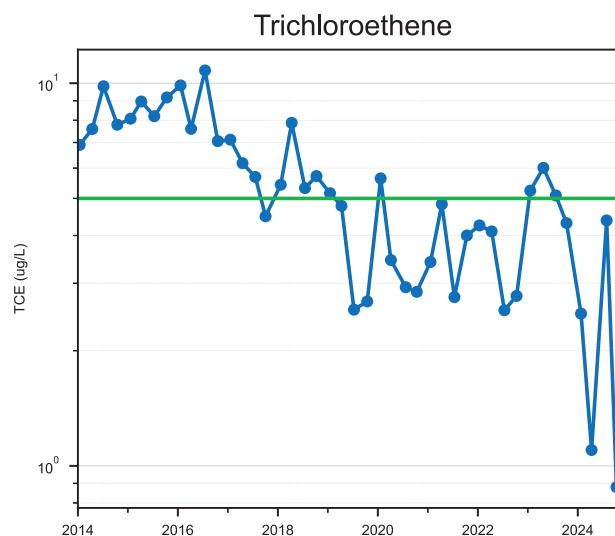
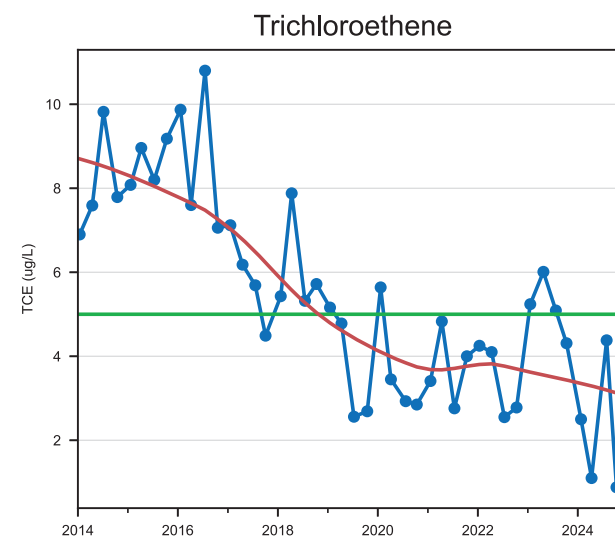
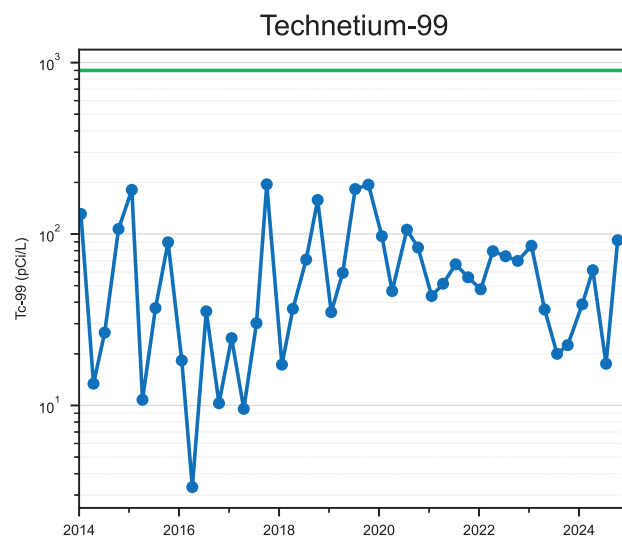
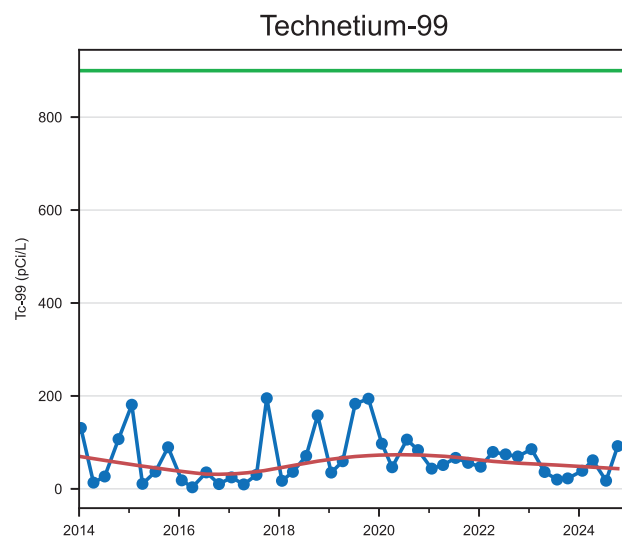
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Figure 98. Tc-99 and TCE at MW370 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/14/2014	131.0	6.9
04/16/2014	< 13.4	7.59
07/07/2014	26.6	9.82
10/16/2014	107.0	7.79
01/21/2015	181.0	8.08
04/09/2015	< 10.8	8.96
07/13/2015	37.0	8.2
10/13/2015	89.5	9.18
01/21/2016	< 18.3	9.87
04/07/2016	< 3.34	7.6
07/18/2016	35.4	10.8
10/19/2016	< 10.3	7.06
01/19/2017	24.7	7.12
04/18/2017	< 9.55	6.18
07/20/2017	30.2	5.69
10/03/2017	195.0	4.49
01/22/2018	17.3	5.43
04/12/2018	36.6	7.88
07/18/2018	70.9	5.32
10/10/2018	158.0	5.72
01/17/2019	35.0	5.16
04/11/2019	59.4	4.78
07/11/2019	183.0	2.56
10/16/2019	194.0	2.69
01/22/2020	97.2	5.64
04/06/2020	46.5	3.45
07/23/2020	106.0	2.93
10/12/2020	83.4	2.85
01/20/2021	43.5	3.41
04/13/2021	51.3	4.83
07/14/2021	66.6	2.76
10/13/2021	55.9	4.0
01/13/2022	47.6	4.25
04/12/2022	79.4	4.1
07/14/2022	74.2	2.55
10/11/2022	69.7	2.78
01/19/2023	85.4	5.24
04/25/2023	36.3	6.01
07/25/2023	< 20.0	5.09
10/11/2023	22.5	4.31
01/25/2024	38.9	2.5
04/11/2024	61.5	1.1
07/17/2024	< 17.5	
07/30/2024		4.38
10/10/2024	92.0	0.88

Notes:

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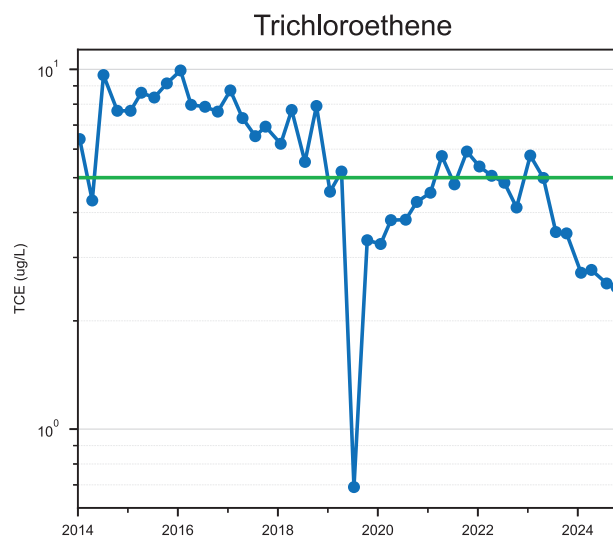
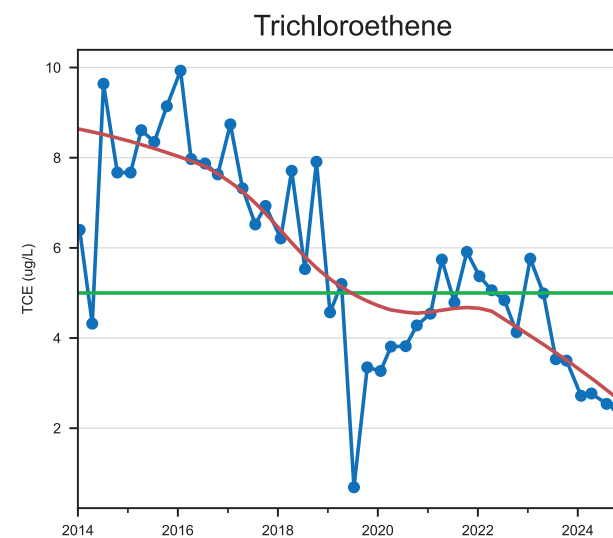
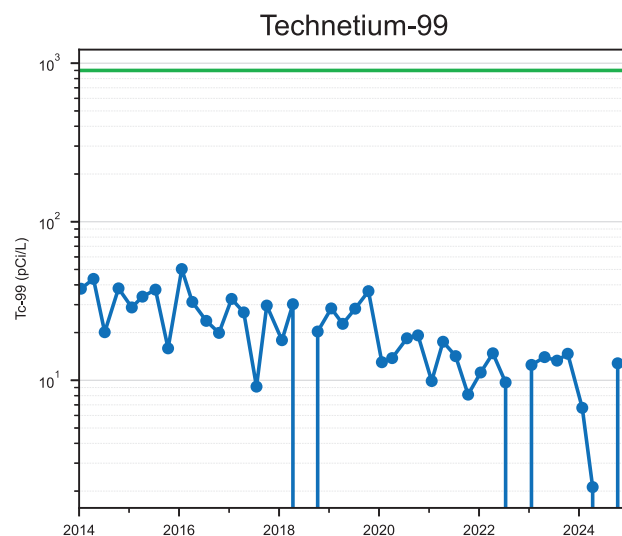
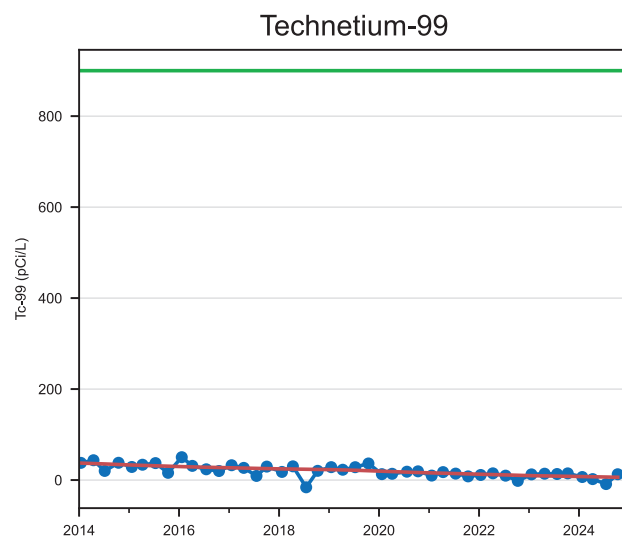
 **FOUR RIVERS**
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Figure 99. Tc-99 and TCE at MW372 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/14/2014	37.8	6.4
04/16/2014	43.6	4.32
07/07/2014	< 20.1	9.64
10/16/2014	38.0	7.67
01/21/2015	28.8	7.67
04/09/2015	33.7	8.61
07/13/2015	37.3	8.35
10/13/2015	< 15.9	9.14
01/21/2016	50.3	9.93
04/07/2016	31.2	7.97
07/18/2016	23.7	7.87
10/19/2016	19.9	7.63
01/19/2017	32.6	8.74
04/18/2017	26.8	7.32
07/20/2017	< 9.12	6.52
10/03/2017	29.6	6.93
01/22/2018	< 17.9	6.21
04/12/2018	30.2	7.71
07/18/2018	< 15.9	5.53
10/10/2018	< 20.3	7.91
01/17/2019	28.4	4.57
04/11/2019	22.7	5.2
07/11/2019	28.3	0.69
10/16/2019	36.5	3.35
01/22/2020	< 13.0	3.27
04/06/2020	< 13.8	3.81
07/23/2020	< 18.4	3.82
10/12/2020	< 19.2	4.28
01/20/2021	< 9.89	4.54
04/13/2021	< 17.5	5.74
07/14/2021	< 14.2	4.79
10/13/2021	< 8.12	5.91
01/13/2022	< 11.2	5.37
04/12/2022	< 14.8	5.06
07/14/2022	< 9.69	4.84
10/11/2022	< 1.78	4.13
01/19/2023	< 12.5	5.76
04/25/2023	< 14.0	4.99
07/25/2023	< 13.3	3.53
10/11/2023	< 14.7	3.5
01/25/2024	< 6.7	2.72
04/10/2024	< 2.12	2.77
07/17/2024	< 8.77	
07/30/2024		2.54
10/10/2024	< 12.8	2.48

Notes:

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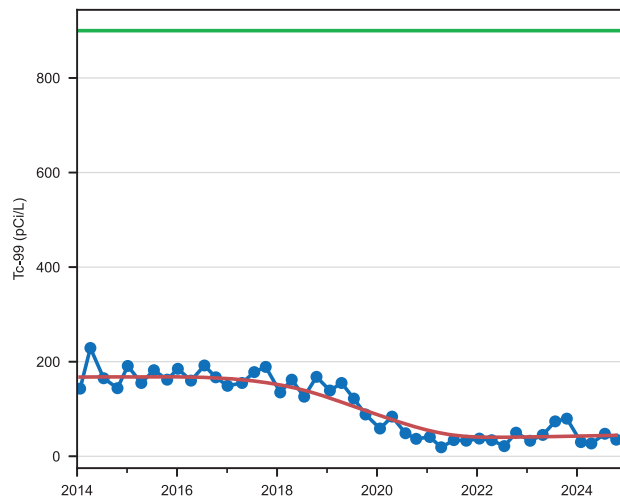
Figure 100. Tc-99 and TCE at MW373 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/23/2014	143.0	< 1.0
04/08/2014	229.0	0.88
07/14/2014	165.0	0.6
10/23/2014	144.0	0.34
01/08/2015	191.0	0.48
04/15/2015	155.0	0.49
07/16/2015	182.0	0.51
10/21/2015	162.0	0.34
01/07/2016	185.0	0.33
04/12/2016	160.0	< 1.0
07/19/2016	192.0	0.33
10/10/2016	167.0	0.54
01/04/2017	149.0	0.38
04/20/2017	155.0	< 1.0
07/18/2017	178.0	0.67
10/10/2017	189.0	0.44
01/24/2018	135.0	0.95
04/18/2018	162.0	2.54
07/18/2018	126.0	0.36
10/16/2018	168.0	0.41
01/22/2019	139.0	0.38
04/17/2019	155.0	0.36
07/16/2019	122.0	0.6
10/09/2019	88.4	0.68
01/23/2020	58.7	0.74
04/20/2020	83.9	0.56
07/27/2020	48.7	0.76
10/13/2020	36.9	0.66
01/21/2021	40.8	0.5
04/14/2021	< 19.0	0.39
07/15/2021	34.2	0.59
10/14/2021	32.9	0.46
01/18/2022	37.4	2.34
04/18/2022	34.0	0.6
07/19/2022	< 21.5	0.74
10/13/2022	49.9	0.53
01/24/2023	32.8	1.43
04/26/2023	45.2	0.7
07/26/2023	73.8	0.51
10/19/2023	79.6	6.03
01/30/2024	30.0	0.45
04/15/2024	27.1	0.54
07/23/2024	47.6	1.98
10/14/2024	35.1	0.49

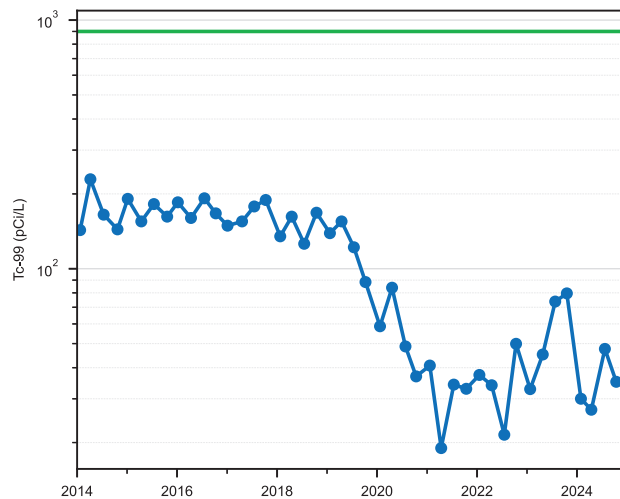
Notes:

1. < indicates non-detect value below report detection limit.
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- A fraction of 0.5 was used, which affects how many points are considered to be local for each point.

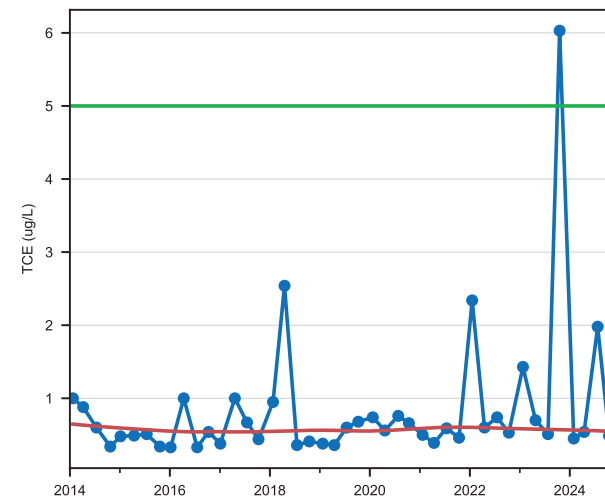
Technetium-99



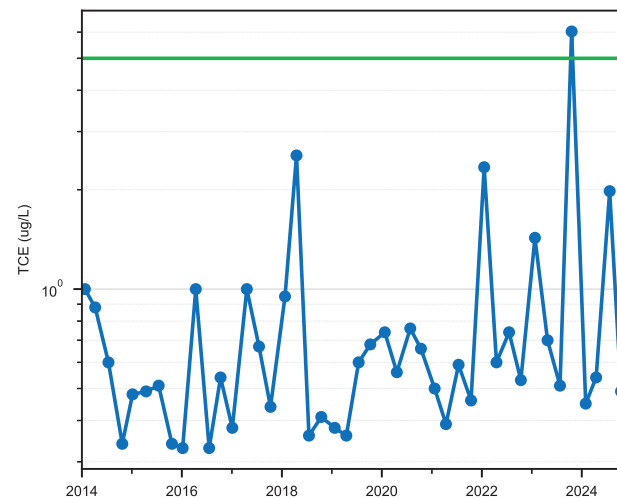
Technetium-99



Trichloroethene



Trichloroethene



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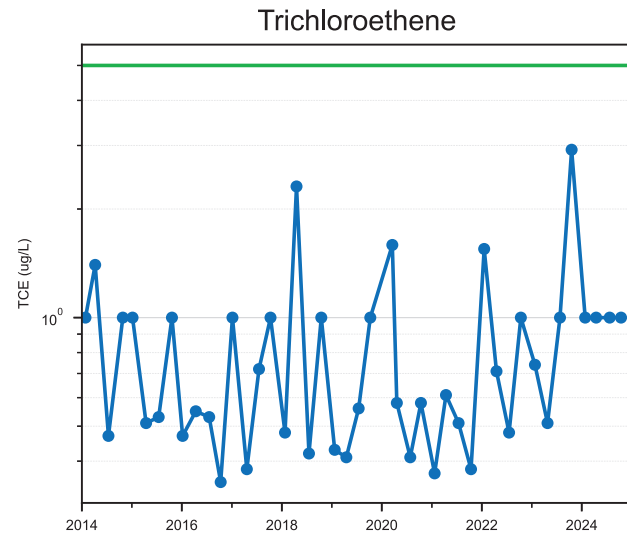
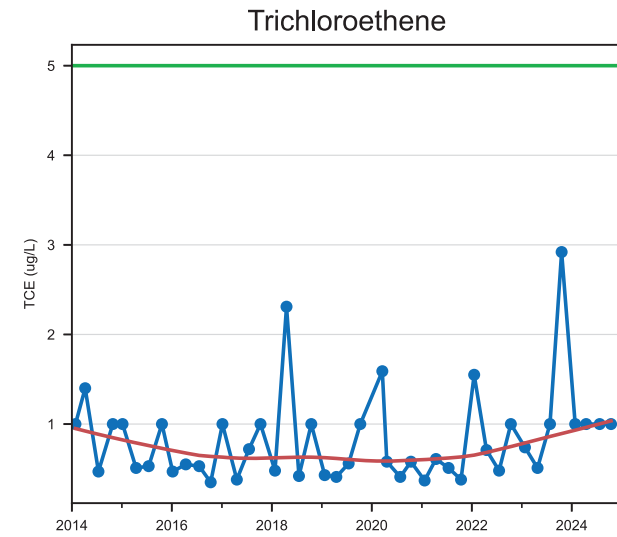
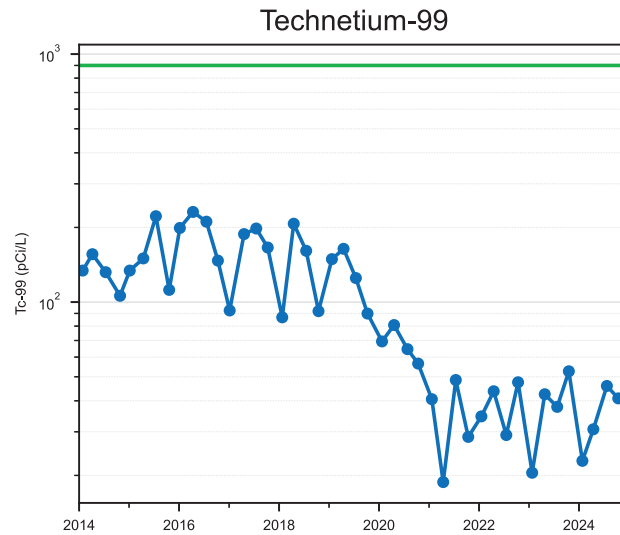
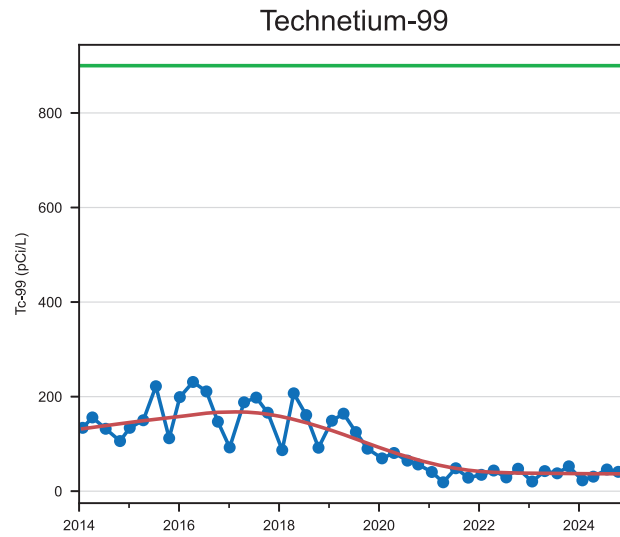

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Figure 101. Tc-99 and TCE at MW384 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/27/2014	134.0	< 1.0
04/08/2014	156.0	1.4
07/14/2014	132.0	0.47
10/27/2014	106.0	< 1.0
01/06/2015	134.0	< 1.0
04/15/2015	150.0	0.51
07/16/2015	222.0	0.53
10/21/2015	112.0	< 1.0
01/07/2016	199.0	0.47
04/12/2016	231.0	0.55
07/19/2016	211.0	0.53
10/11/2016	147.0	0.35
01/05/2017	92.5	< 1.0
04/20/2017	188.0	0.38
07/18/2017	198.0	0.72
10/10/2017	166.0	< 1.0
01/24/2018	86.8	0.48
04/18/2018	207.0	2.31
07/18/2018	161.0	0.42
10/16/2018	91.9	< 1.0
01/22/2019	149.0	0.43
04/17/2019	164.0	0.41
07/16/2019	125.0	0.56
10/09/2019	89.9	< 1.0
01/23/2020	69.4	
03/18/2020		1.59
04/20/2020	80.8	0.58
07/27/2020	64.6	0.41
10/13/2020	56.5	0.58
01/21/2021	40.6	0.37
04/14/2021	< 18.8	0.61
07/15/2021	48.5	0.51
10/14/2021	28.6	0.38
01/18/2022	34.6	1.55
04/18/2022	43.7	0.71
07/19/2022	29.1	0.48
10/13/2022	47.5	< 1.0
01/24/2023	20.5	0.74
04/26/2023	42.5	0.51
07/26/2023	37.8	< 1.0
10/19/2023	52.6	2.92
01/26/2024	22.9	< 1.0
04/15/2024	30.7	< 1.0
07/23/2024	45.9	< 1.0
10/14/2024	40.9	< 1.0

Notes:

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● Data — LOWESS
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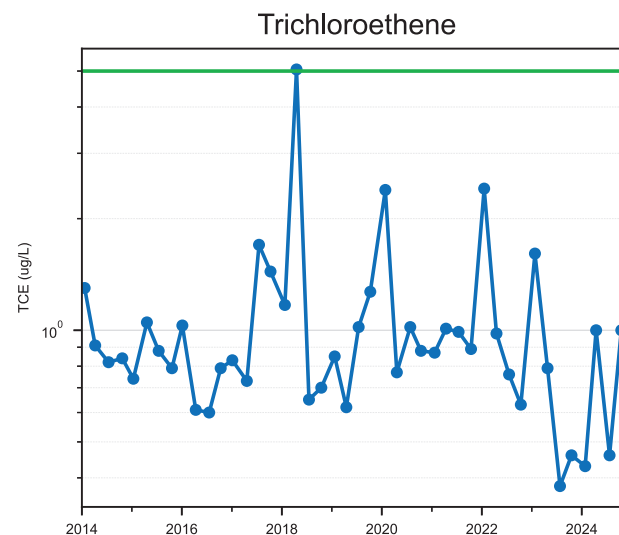
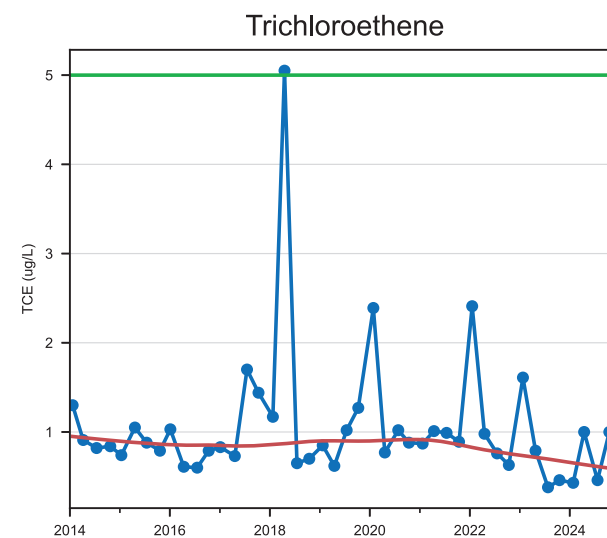
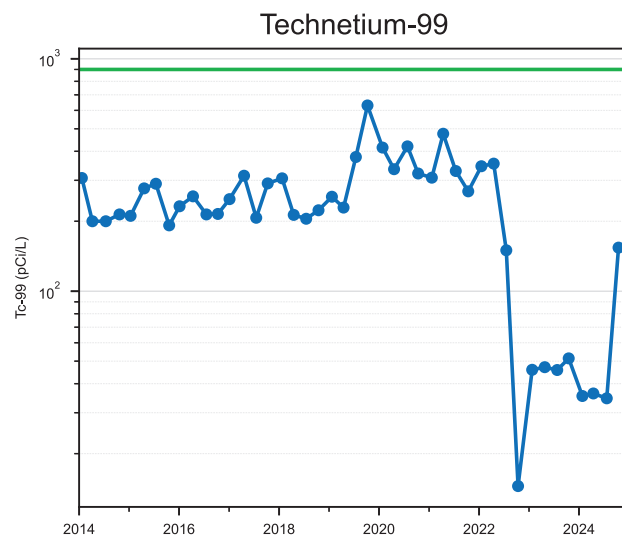
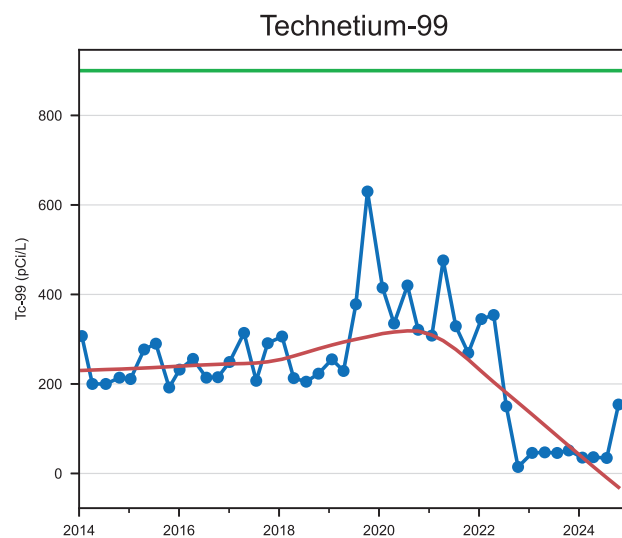
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Figure 102. Tc-99 and TCE at MW385 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/21/2014	307.0	1.3
04/08/2014	200.0	0.91
07/15/2014	200.0	0.82
10/23/2014	214.0	0.84
01/12/2015	211.0	0.74
04/21/2015	277.0	1.05
07/16/2015	290.0	0.88
10/21/2015	192.0	0.79
01/05/2016	232.0	1.03
04/12/2016	256.0	0.61
07/19/2016	214.0	0.6
10/11/2016	215.0	0.79
01/04/2017	249.0	0.83
04/20/2017	314.0	0.73
07/18/2017	207.0	1.7
10/10/2017	291.0	1.44
01/23/2018	306.0	1.17
04/18/2018	213.0	5.05
07/18/2018	205.0	0.65
10/16/2018	223.0	0.7
01/22/2019	255.0	0.85
04/17/2019	229.0	0.62
07/16/2019	378.0	1.02
10/09/2019	630.0	1.27
01/27/2020	415.0	2.39
04/20/2020	335.0	0.77
07/27/2020	420.0	1.02
10/13/2020	321.0	0.88
01/21/2021	308.0	0.87
04/14/2021	476.0	1.01
07/15/2021	329.0	0.99
10/14/2021	269.0	0.89
01/18/2022	345.0	2.41
04/18/2022	354.0	0.98
07/19/2022	150.0	0.76
10/13/2022	< 14.5	0.63
01/24/2023	45.9	1.61
04/26/2023	47.1	0.79
07/26/2023	45.8	0.38
10/18/2023	51.4	0.46
01/26/2024	35.4	0.43
04/15/2024	36.3	< 1.0
07/22/2024	34.6	0.46
10/16/2024	154.0	< 1.0

Notes:

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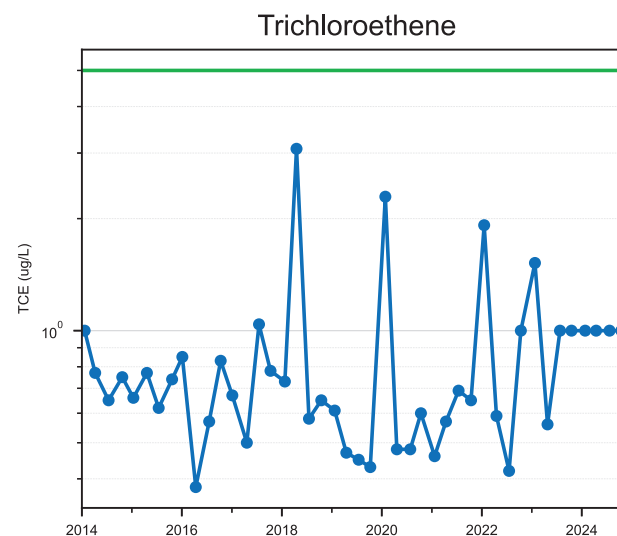
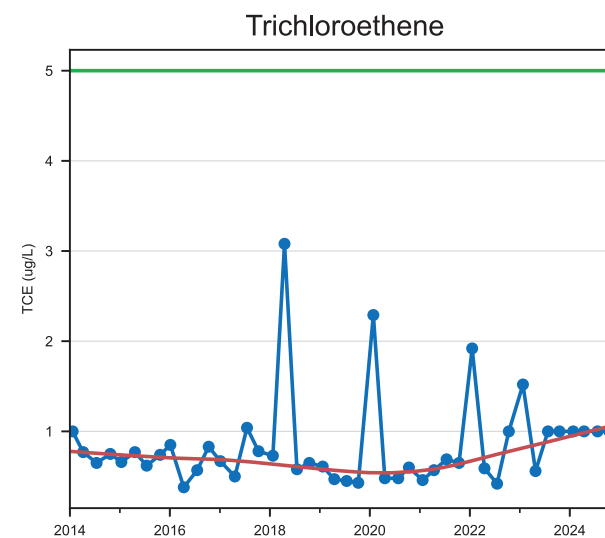
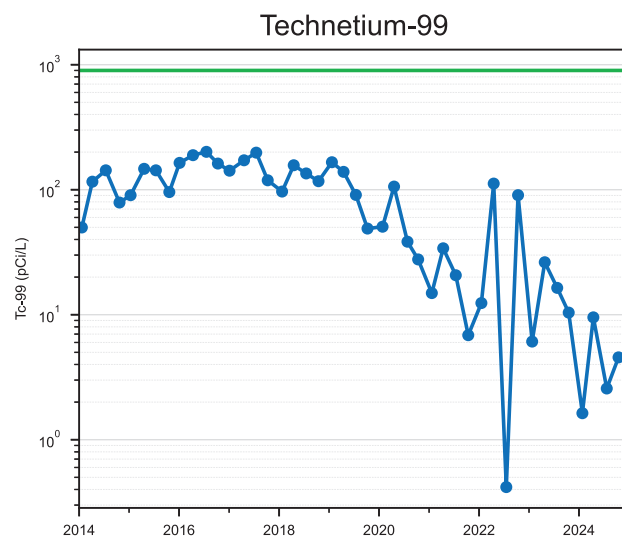
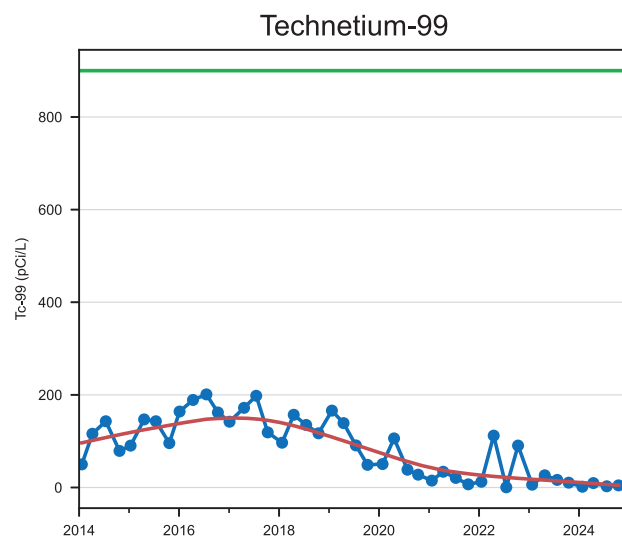
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Figure 103. Tc-99 and TCE at MW387 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/21/2014	49.9	< 1.0
04/08/2014	116.0	0.77
07/15/2014	143.0	0.65
10/23/2014	79.0	0.75
01/12/2015	90.4	0.66
04/21/2015	147.0	0.77
07/16/2015	143.0	0.62
10/22/2015	95.8	0.74
01/05/2016	164.0	0.85
04/12/2016	189.0	0.38
07/19/2016	201.0	0.57
10/11/2016	162.0	0.83
01/04/2017	142.0	0.67
04/20/2017	172.0	0.5
07/18/2017	198.0	1.04
10/10/2017	119.0	0.78
01/23/2018	96.7	0.73
04/18/2018	157.0	3.08
07/18/2018	135.0	0.58
10/16/2018	117.0	0.65
01/22/2019	166.0	0.61
04/17/2019	139.0	0.47
07/16/2019	90.9	0.45
10/09/2019	48.9	0.43
01/27/2020	50.6	2.29
04/20/2020	106.0	0.48
07/27/2020	38.4	0.48
10/13/2020	27.7	0.6
01/21/2021	< 14.9	0.46
04/14/2021	34.0	0.57
07/15/2021	20.7	0.69
10/14/2021	< 6.86	0.65
01/18/2022	< 12.4	1.92
04/18/2022	112.0	0.59
07/19/2022	< 0.418	0.42
10/13/2022	90.5	< 1.0
01/24/2023	< 6.1	1.52
04/26/2023	26.3	0.56
07/26/2023	< 16.4	< 1.0
10/18/2023	< 10.4	< 1.0
01/26/2024	< 1.63	< 1.0
04/15/2024	< 9.53	< 1.0
07/22/2024	< 2.57	< 1.0
10/16/2024	< 4.56	< 1.0

Notes:

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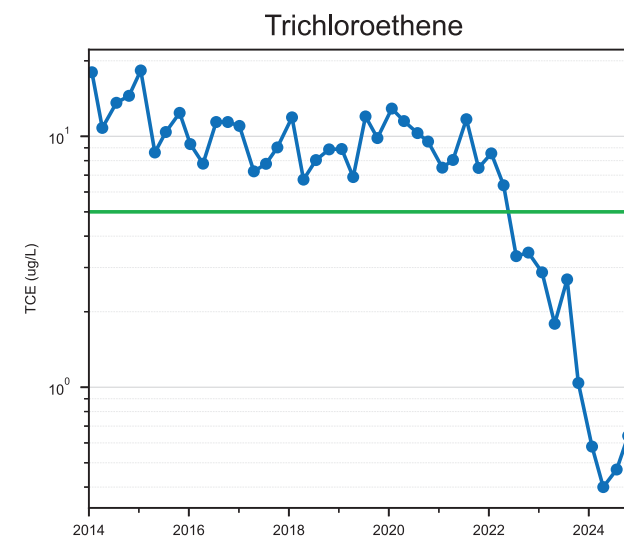
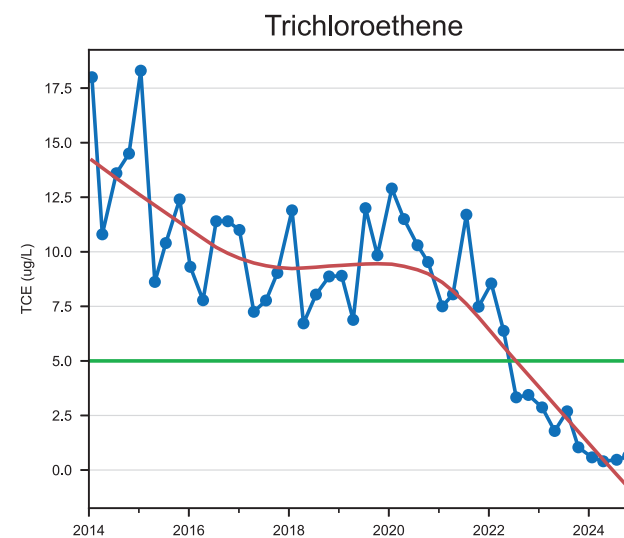
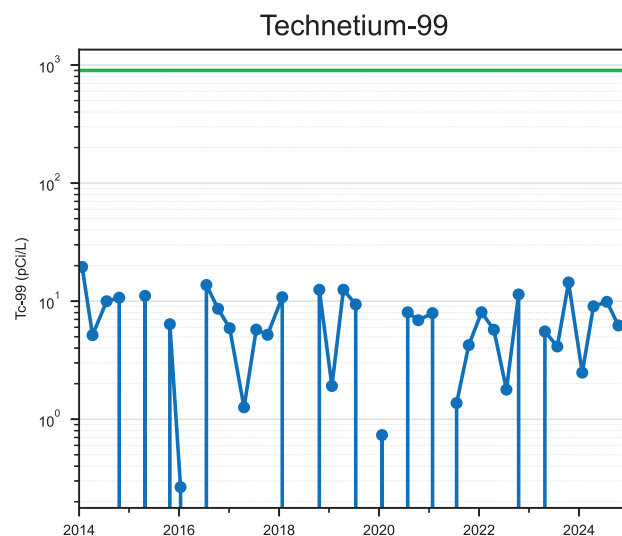
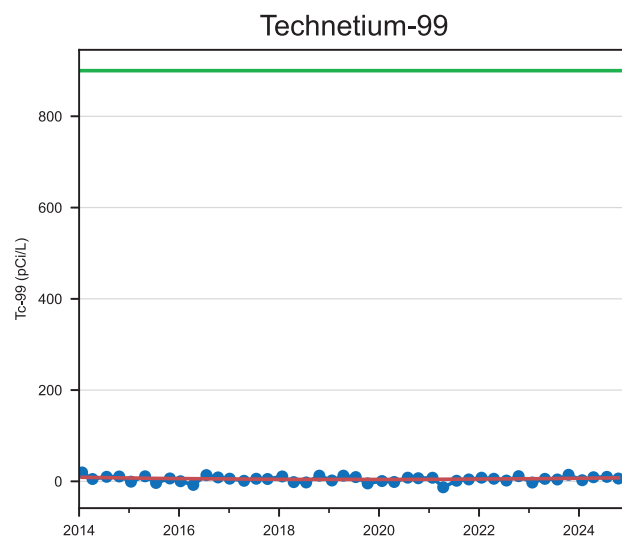
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Figure 104. Tc-99 and TCE at MW388 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/23/2014	19.5	18.0
04/09/2014	< 5.15	10.8
07/21/2014	< 9.98	13.6
10/21/2014	< 10.7	14.5
01/15/2015	< -0.684	18.3
04/28/2015	< 11.1	8.62
07/17/2015	< -3.47	10.4
10/26/2015	< 6.38	12.4
01/12/2016	< 0.266	9.31
04/14/2016	< -7.72	7.78
07/19/2016	< 13.7	11.4
10/12/2016	< 8.63	11.4
01/05/2017	< 5.9	11.0
04/20/2017	< 1.26	7.25
07/18/2017	< 5.74	7.77
10/09/2017	< 5.19	9.03
01/24/2018	< 10.8	11.9
04/18/2018	< -1.67	6.72
07/18/2018	< -2.39	8.04
10/22/2018	< 12.5	8.87
01/22/2019	< 1.91	8.9
04/16/2019	< 12.5	6.88
07/15/2019	< 9.38	12.0
10/10/2019	< -4.45	9.84
01/23/2020	< 0.734	12.9
04/21/2020	< -1.36	11.5
07/29/2020	< 8.04	10.3
10/14/2020	< 6.89	9.53
01/26/2021	< 7.92	7.5
04/14/2021	< -13.0	8.05
07/21/2021	< 1.37	11.7
10/18/2021	< 4.24	7.48
01/19/2022	< 8.05	8.55
04/19/2022	< 5.73	6.38
07/20/2022	< 1.78	3.33
10/17/2022	< 11.4	3.44
01/25/2023	< -2.57	2.87
04/27/2023	< 5.54	1.79
07/27/2023	< 4.13	2.69
10/17/2023	< 14.4	1.04
01/25/2024	< 2.48	0.58
04/16/2024	< 9.04	0.4
07/23/2024	< 9.87	0.47
10/15/2024	< 6.22	0.64

Notes:

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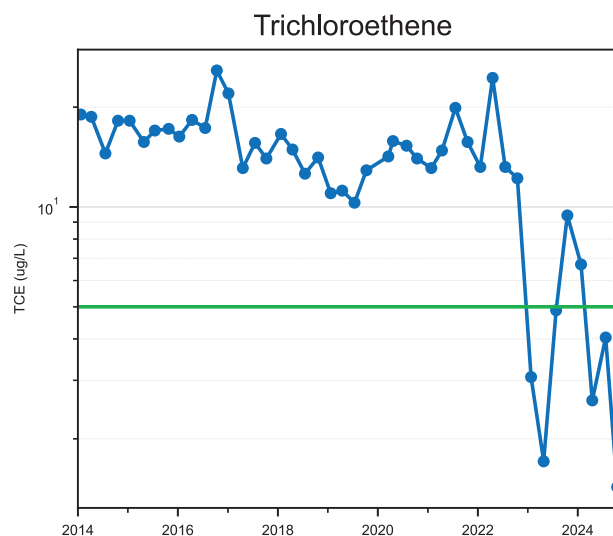
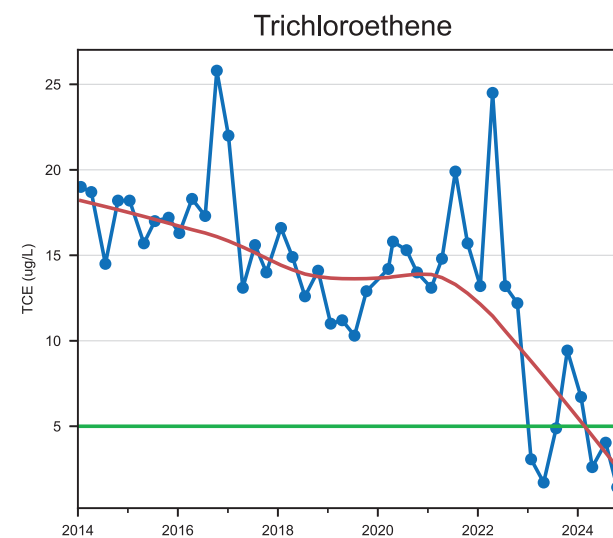
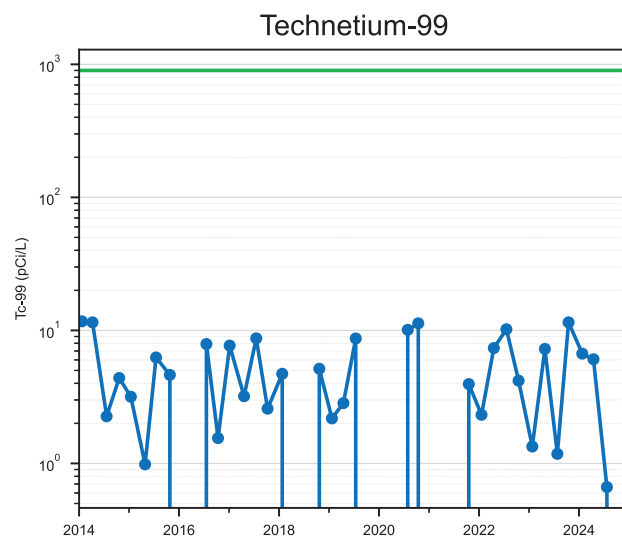
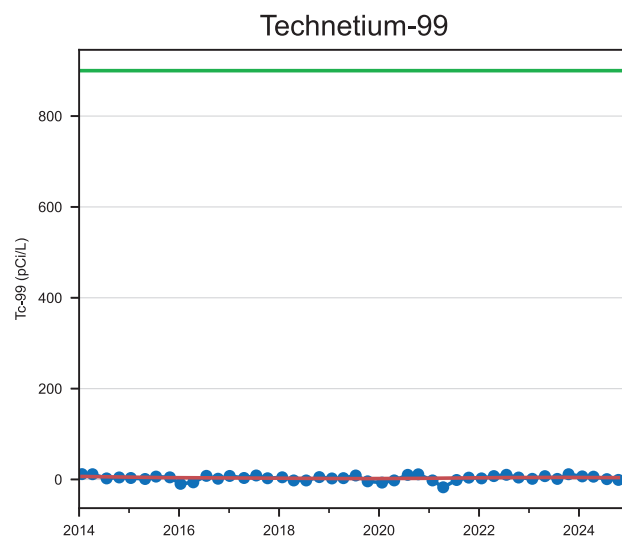
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Figure 105. Tc-99 and TCE at MW391 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/22/2014	< 11.7	19.0
04/09/2014	< 11.5	18.7
07/21/2014	< 2.26	14.5
10/21/2014	< 4.39	18.2
01/14/2015	< 3.17	18.2
04/28/2015	< 0.984	15.7
07/17/2015	< 6.26	17.0
10/26/2015	< 4.63	17.2
01/12/2016	< 4.7	16.3
04/14/2016	< 6.38	18.3
07/19/2016	< 7.9	17.3
10/12/2016	< 1.55	25.8
01/05/2017	< 7.69	22.0
04/20/2017	< 3.2	13.1
07/18/2017	< 8.72	15.6
10/09/2017	< 2.58	14.0
01/24/2018	< 4.72	16.6
04/18/2018	< 2.23	14.9
07/18/2018	< 2.24	12.6
10/22/2018	< 5.15	14.1
01/22/2019	< 2.18	11.0
04/16/2019	< 2.84	11.2
07/15/2019	< 8.7	10.3
10/10/2019	< 4.15	12.9
01/23/2020	< 6.96	
03/18/2020		14.2
04/21/2020	< 2.16	15.8
07/29/2020	< 10.1	15.3
10/14/2020	< 11.3	14.0
01/26/2021	< 2.19	13.1
04/14/2021	< 17.3	14.8
07/21/2021	< 1.23	19.9
10/18/2021	< 3.95	15.7
01/19/2022	< 2.32	13.2
04/19/2022	< 7.37	24.5
07/20/2022	< 10.2	13.2
10/17/2022	< 4.19	12.2
01/25/2023	< 1.34	3.07
04/27/2023	< 7.26	1.71
07/27/2023	< 1.18	4.88
10/17/2023	< 11.5	9.43
01/25/2024	< 6.69	6.71
04/16/2024	< 6.07	2.61
07/23/2024	< 0.664	4.04
10/15/2024	< 1.01	1.43

Notes:

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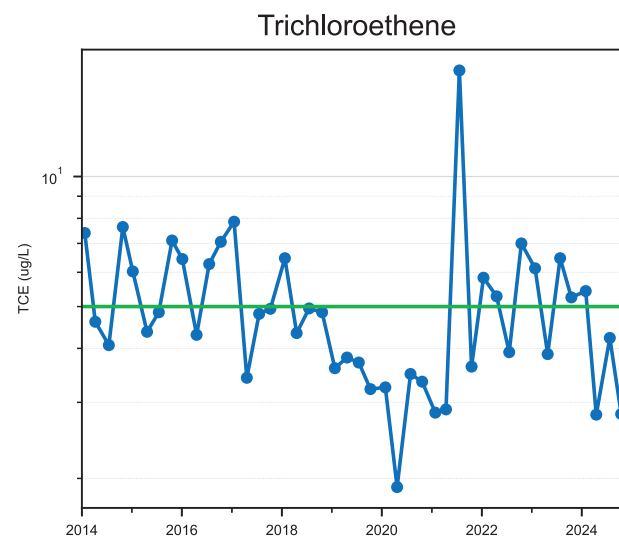
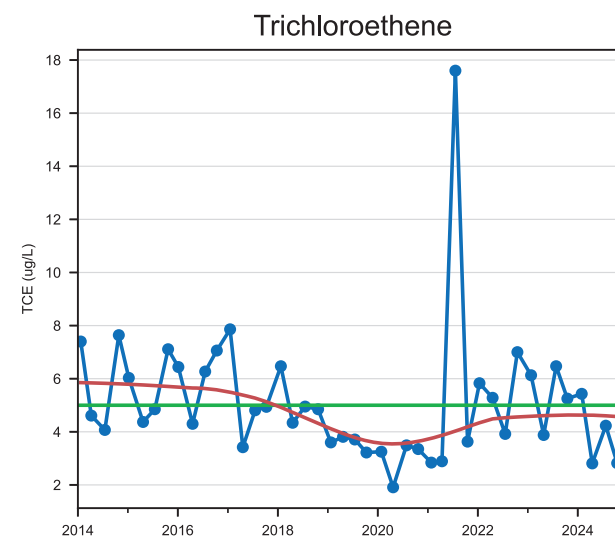
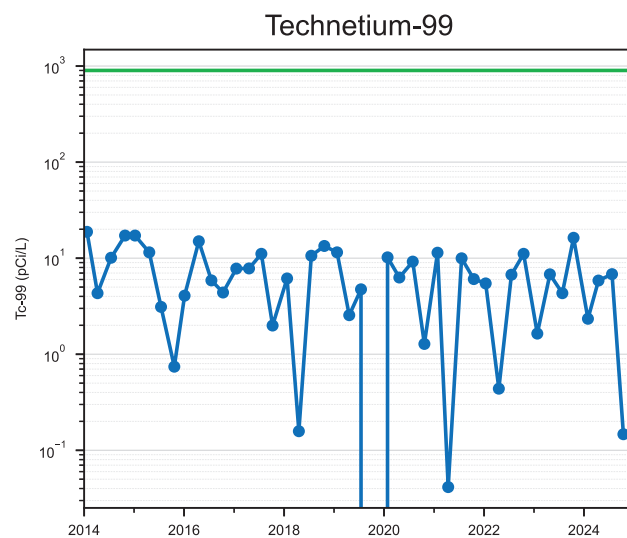
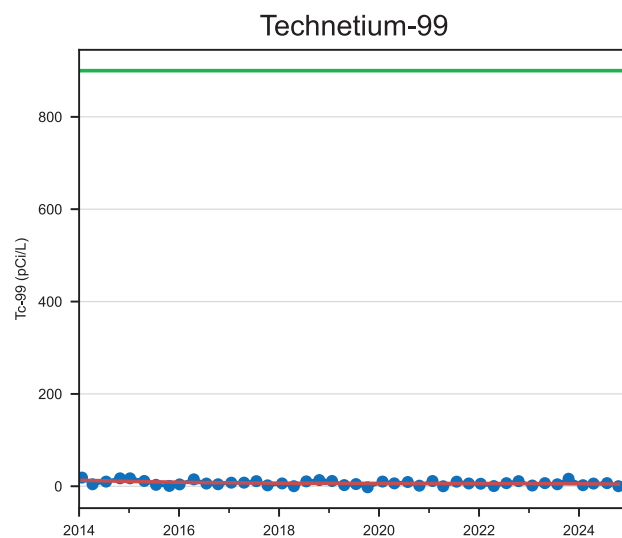
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Figure 106. Tc-99 and TCE at MW392 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/22/2014	18.8	7.4
04/09/2014	< 4.32	4.61
07/17/2014	< 10.1	4.07
10/27/2014	< 17.2	7.64
01/08/2015	< 17.2	6.03
04/22/2015	< 11.5	4.37
07/17/2015	< 3.11	4.85
10/22/2015	< 0.742	7.11
01/05/2016	< 4.07	6.44
04/18/2016	< 15.0	4.3
07/19/2016	< 5.87	6.27
10/12/2016	< 4.39	7.06
01/17/2017	< 7.79	7.86
04/20/2017	< 7.82	3.42
07/19/2017	< 11.1	4.81
10/09/2017	< 1.99	4.94
01/23/2018	< 6.15	6.47
04/19/2018	< 0.158	4.34
07/19/2018	< 10.6	4.95
10/22/2018	< 13.4	4.85
01/23/2019	< 11.5	3.6
04/22/2019	< 2.55	3.81
07/17/2019	< 4.74	3.71
10/10/2019	< 2.22	3.22
01/27/2020	< 10.2	3.25
04/22/2020	< 6.29	1.91
07/29/2020	< 9.21	3.49
10/22/2020	< 1.28	3.35
01/26/2021	< 11.4	2.84
04/14/2021	< 0.0414	2.89
07/21/2021	< 9.97	17.6
10/18/2021	< 6.06	3.63
01/13/2022	< 5.46	5.83
04/19/2022	< 0.438	5.28
07/20/2022	< 6.73	3.92
10/17/2022	< 11.1	7.0
01/25/2023	< 1.64	6.13
04/27/2023	< 6.79	3.88
07/27/2023	< 4.32	6.47
10/17/2023	< 16.3	5.25
01/30/2024	< 2.34	5.43
04/16/2024	< 5.85	2.81
07/24/2024	< 6.82	4.23
10/15/2024	< 0.147	2.82

Notes:

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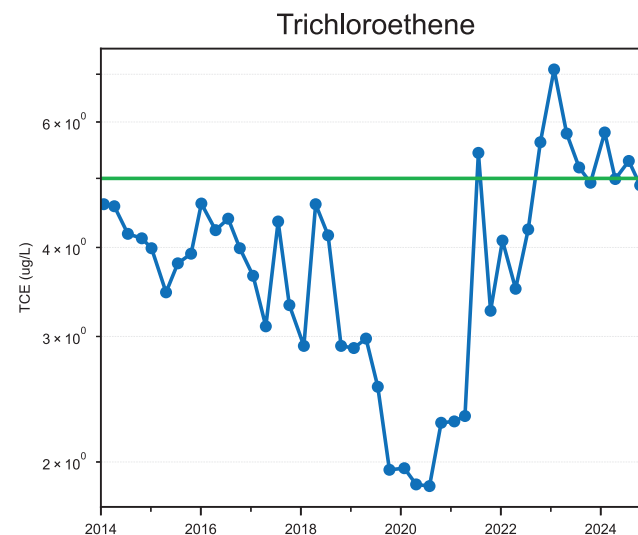
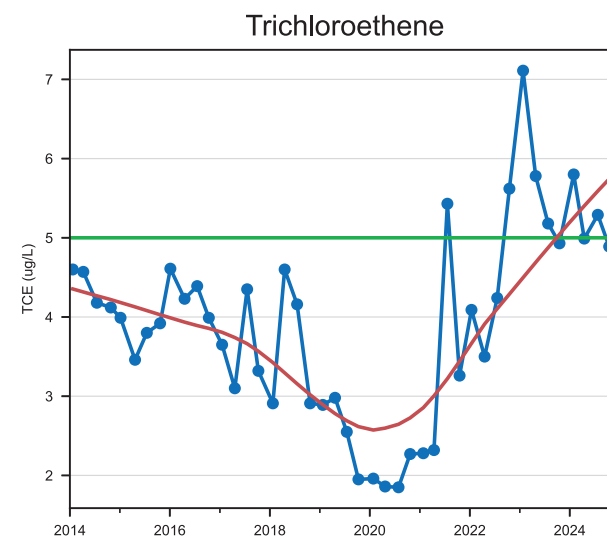
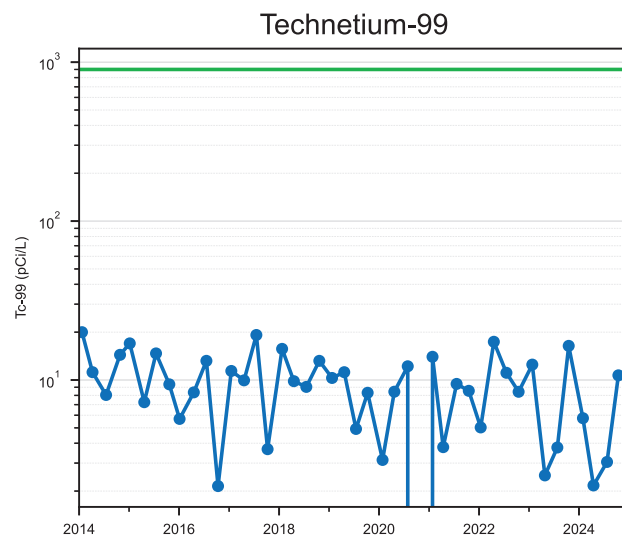
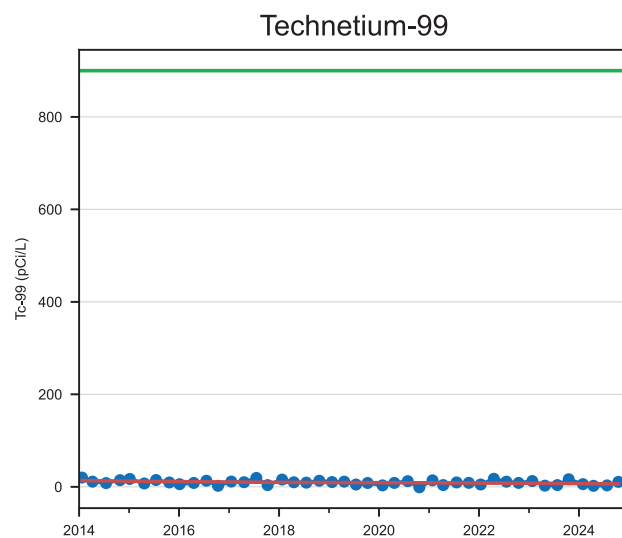
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Figure 107. Tc-99 and TCE at MW394 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/22/2014	20.0	4.6
04/09/2014	< 11.2	4.57
07/17/2014	< 8.05	4.18
10/27/2014	< 14.4	4.12
01/08/2015	< 17.0	3.99
04/22/2015	< 7.25	3.46
07/17/2015	< 14.7	3.8
10/22/2015	< 9.39	3.92
01/05/2016	< 5.69	4.61
04/18/2016	< 8.36	4.23
07/19/2016	< 13.2	4.39
10/12/2016	< 2.15	3.99
01/17/2017	< 11.4	3.65
04/20/2017	< 9.95	3.1
07/19/2017	19.2	4.35
10/09/2017	< 3.67	3.32
01/23/2018	< 15.7	2.91
04/19/2018	< 9.83	4.6
07/19/2018	< 9.05	4.16
10/22/2018	< 13.2	2.91
01/23/2019	< 10.3	2.89
04/22/2019	< 11.2	2.98
07/17/2019	< 4.92	2.55
10/10/2019	< 8.31	1.95
01/27/2020	< 3.14	1.96
04/22/2020	< 8.44	1.86
07/29/2020	< 12.2	1.85
10/22/2020	< 1.04	2.27
01/26/2021	< 14.0	2.28
04/14/2021	< 3.78	2.32
07/21/2021	< 9.45	5.43
10/18/2021	< 8.55	3.26
01/13/2022	< 5.03	4.09
04/19/2022	< 17.4	3.5
07/20/2022	< 11.1	4.24
10/17/2022	< 8.43	5.62
01/25/2023	< 12.5	7.11
04/27/2023	< 2.51	5.78
07/27/2023	< 3.76	5.18
10/18/2023	< 16.4	4.93
01/30/2024	< 5.75	5.8
04/16/2024	< 2.17	4.99
07/24/2024	< 3.05	5.29
10/15/2024	< 10.7	4.89

Notes:

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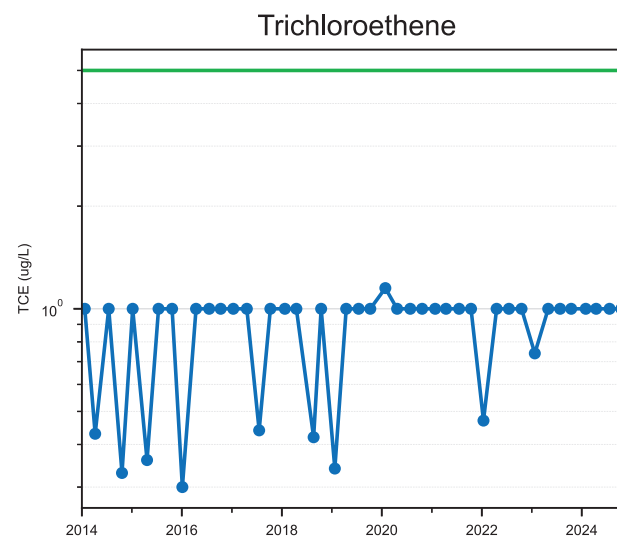
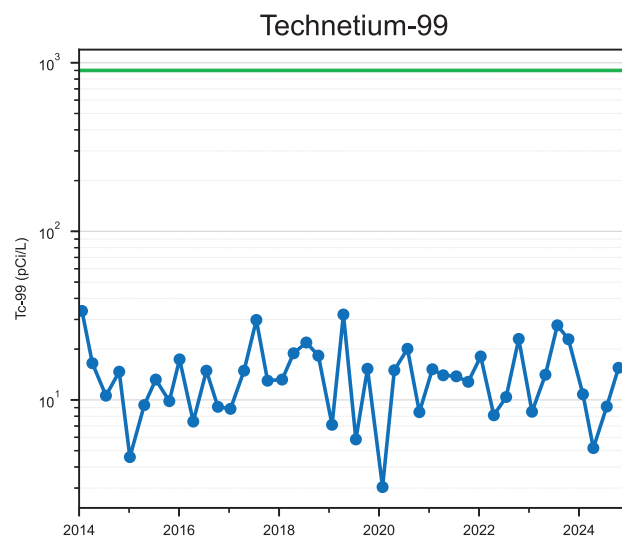
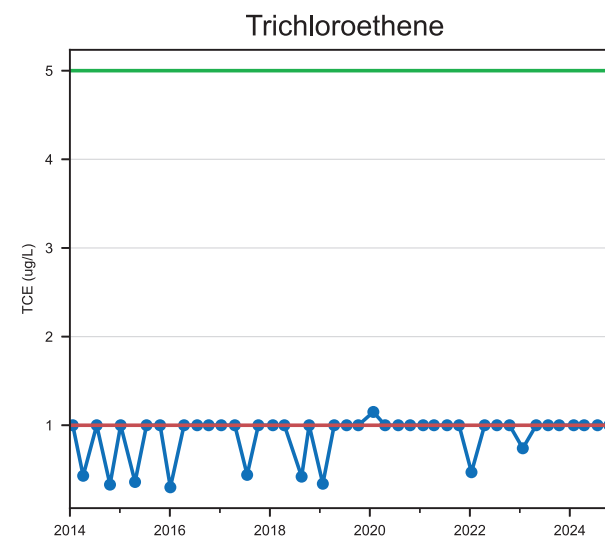
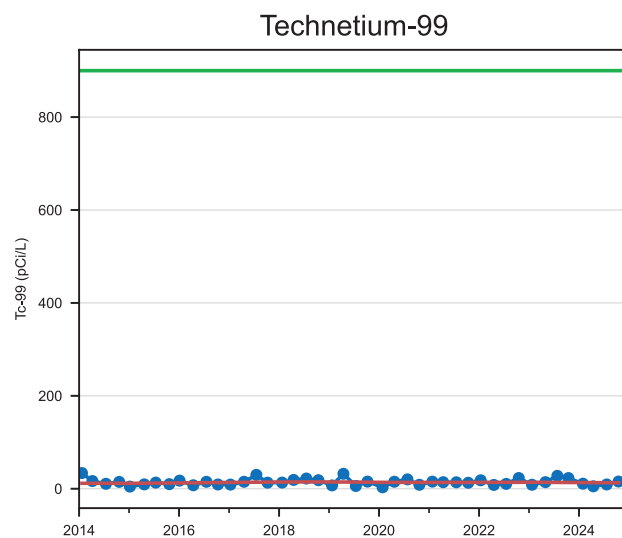
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Figure 108. Tc-99 and TCE at MW395 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/22/2014	33.7	< 1.0
04/08/2014	< 16.5	0.43
07/16/2014	< 10.6	< 1.0
10/21/2014	< 14.7	0.33
01/07/2015	< 4.58	< 1.0
04/22/2015	< 9.32	0.36
07/15/2015	< 13.2	< 1.0
10/22/2015	< 9.83	< 1.0
01/05/2016	< 17.4	0.3
04/14/2016	< 7.44	< 1.0
07/19/2016	< 14.9	< 1.0
10/11/2016	< 9.1	< 1.0
01/11/2017	< 8.85	< 1.0
04/20/2017	< 14.9	< 1.0
07/19/2017	29.8	0.44
10/09/2017	< 13.0	< 1.0
01/23/2018	< 13.2	< 1.0
04/17/2018	18.9	< 1.0
07/19/2018	21.9	
08/21/2018		0.42
10/15/2018	18.3	< 1.0
01/23/2019	< 7.12	0.34
04/16/2019	32.1	< 1.0
07/16/2019	< 5.83	< 1.0
10/09/2019	< 15.3	< 1.0
01/27/2020	< 3.04	1.15
04/22/2020	< 15.0	< 1.0
07/27/2020	< 20.1	< 1.0
10/22/2020	< 8.46	< 1.0
01/25/2021	< 15.2	< 1.0
04/14/2021	< 14.0	< 1.0
07/19/2021	< 13.8	< 1.0
10/14/2021	< 12.8	< 1.0
01/13/2022	< 18.1	0.47
04/19/2022	< 8.11	< 1.0
07/18/2022	< 10.4	< 1.0
10/18/2022	23.0	< 1.0
01/23/2023	< 8.51	0.74
05/01/2023	< 14.1	< 1.0
07/27/2023	27.7	< 1.0
10/16/2023	22.9	< 1.0
01/30/2024	< 10.8	< 1.0
04/15/2024	< 5.18	< 1.0
07/22/2024	< 9.13	< 1.0
10/16/2024	< 15.5	< 1.0



Notes:

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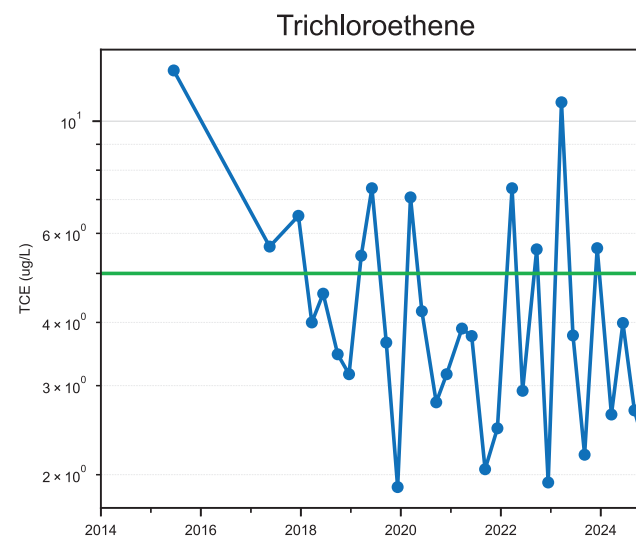
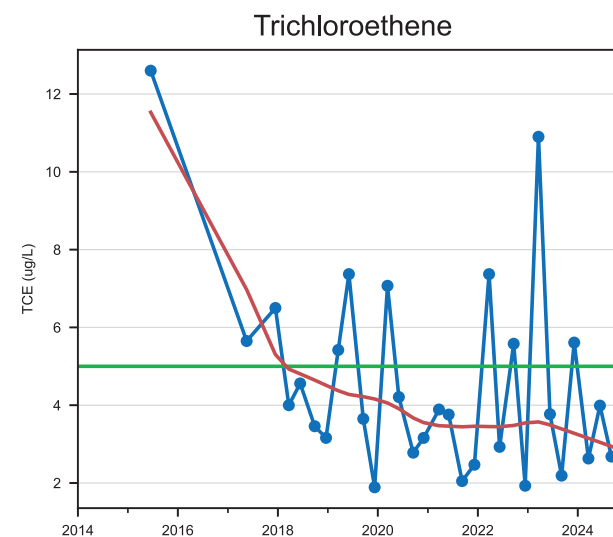
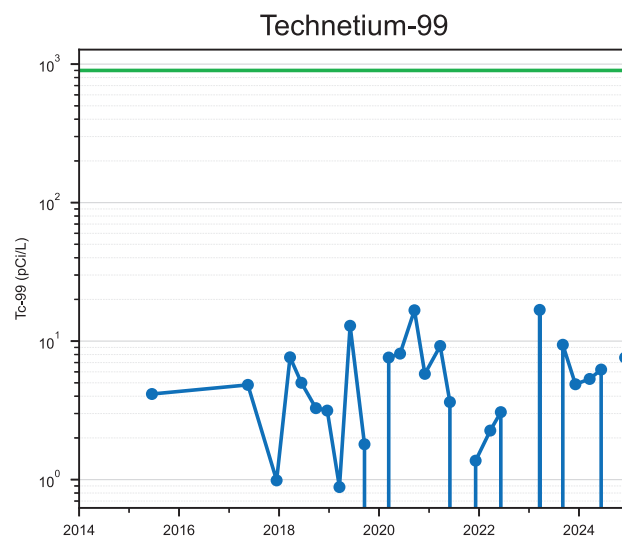
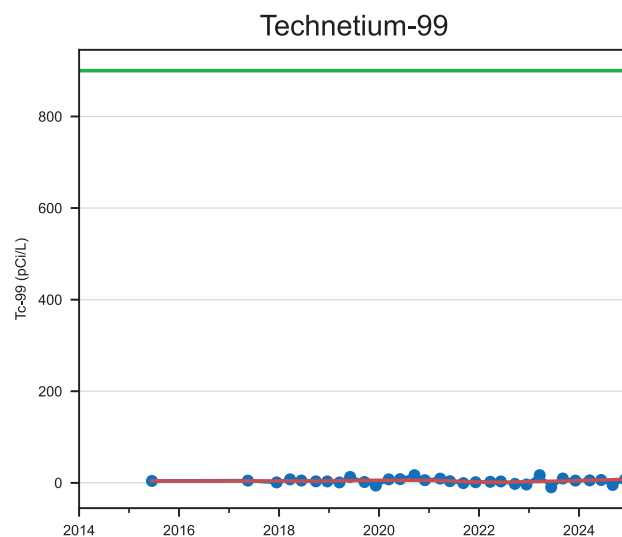

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Figure 109. Tc-99 and TCE at MW397 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
06/17/2015	< 4.15	12.6
05/18/2017	< 4.83	5.65
12/14/2017	< 0.987	6.5
03/22/2018	< 7.64	4.0
06/13/2018	< 5.0	4.56
09/27/2018	< 3.28	3.46
12/19/2018	< 3.15	3.16
03/18/2019	< 0.883	5.42
06/04/2019	< 12.9	7.37
09/17/2019	< 1.8	3.65
12/09/2019	< -5.93	1.89
03/12/2020	< 7.61	7.07
06/03/2020	< 8.12	4.21
09/16/2020	< 16.7	2.78
12/01/2020	< 5.8	3.16
03/23/2021	< 9.22	3.89
06/02/2021	< 3.63	3.76
09/08/2021	< -0.627	2.05
12/07/2021	< 1.37	2.47
03/24/2022	< 2.26	7.37
06/09/2022	< 3.07	2.93
09/20/2022	< -2.32	5.58
12/13/2022	< -3.68	1.93
03/20/2023	< 16.8	10.9
06/12/2023	< -9.73	3.77
09/05/2023	< 9.41	2.19
12/06/2023	< 4.88	5.61
03/19/2024	< 5.33	2.63
06/11/2024	< 6.23	3.99
09/03/2024	< -4.59	2.68
12/03/2024	< 7.6	2.18

Notes:

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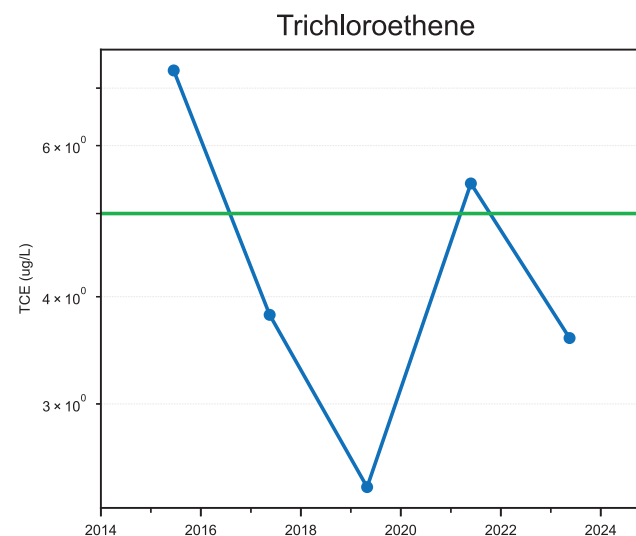
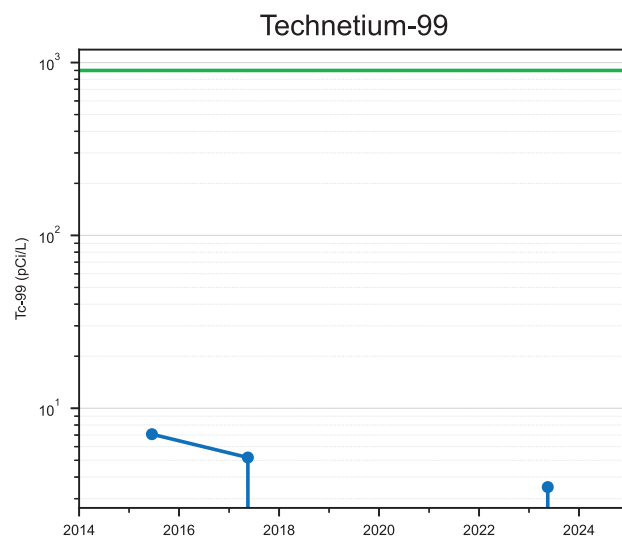
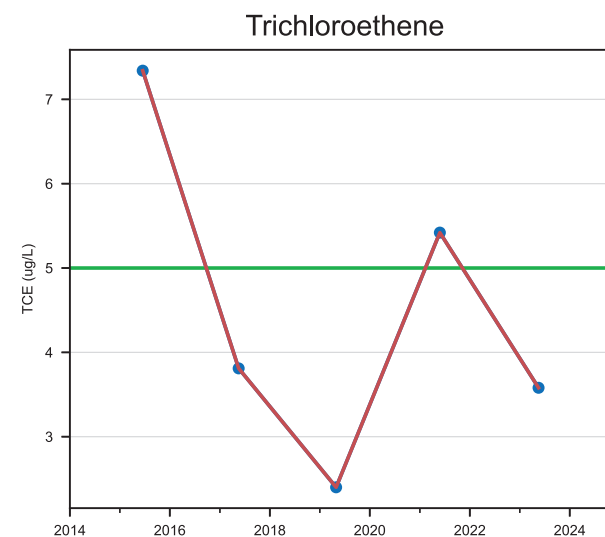
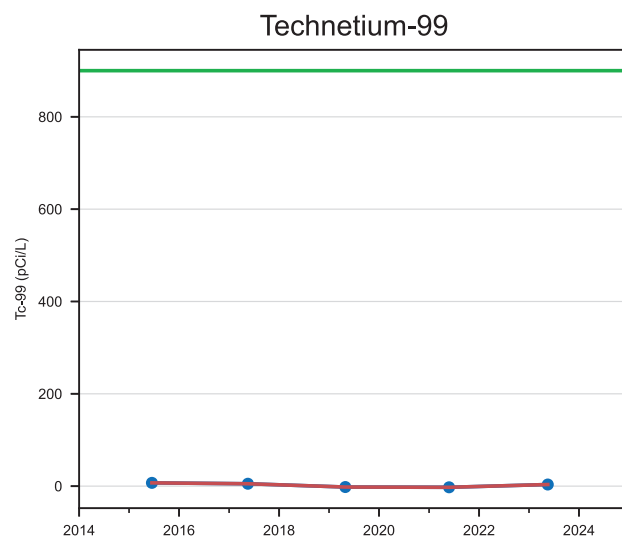
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Figure 110. Tc-99 and TCE at MW403-PRT3 (RGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
06/17/2015	< 7.08	7.34
05/18/2017	< 5.19	3.81
04/30/2019	< -1.94	2.4
05/27/2021	< -2.52	5.42
05/18/2023	< 3.5	3.58

Notes:

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Figure 111. Tc-99 and TCE at MW404-PRT4 (RGA)

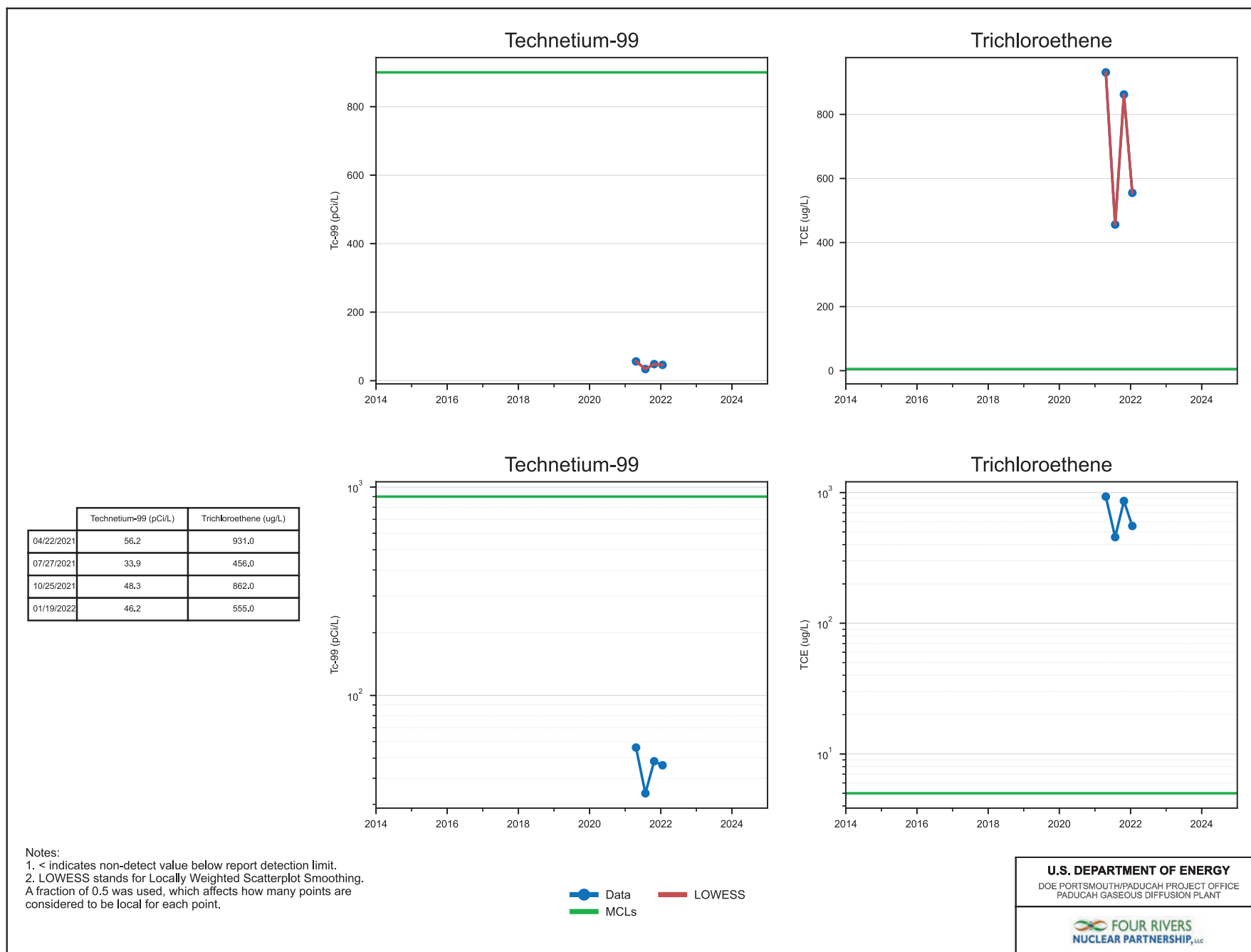


Figure 112. Tc-99 and TCE at MW405-PRT2 (RGA)

Source: Trend_Plots_V1.ipynb

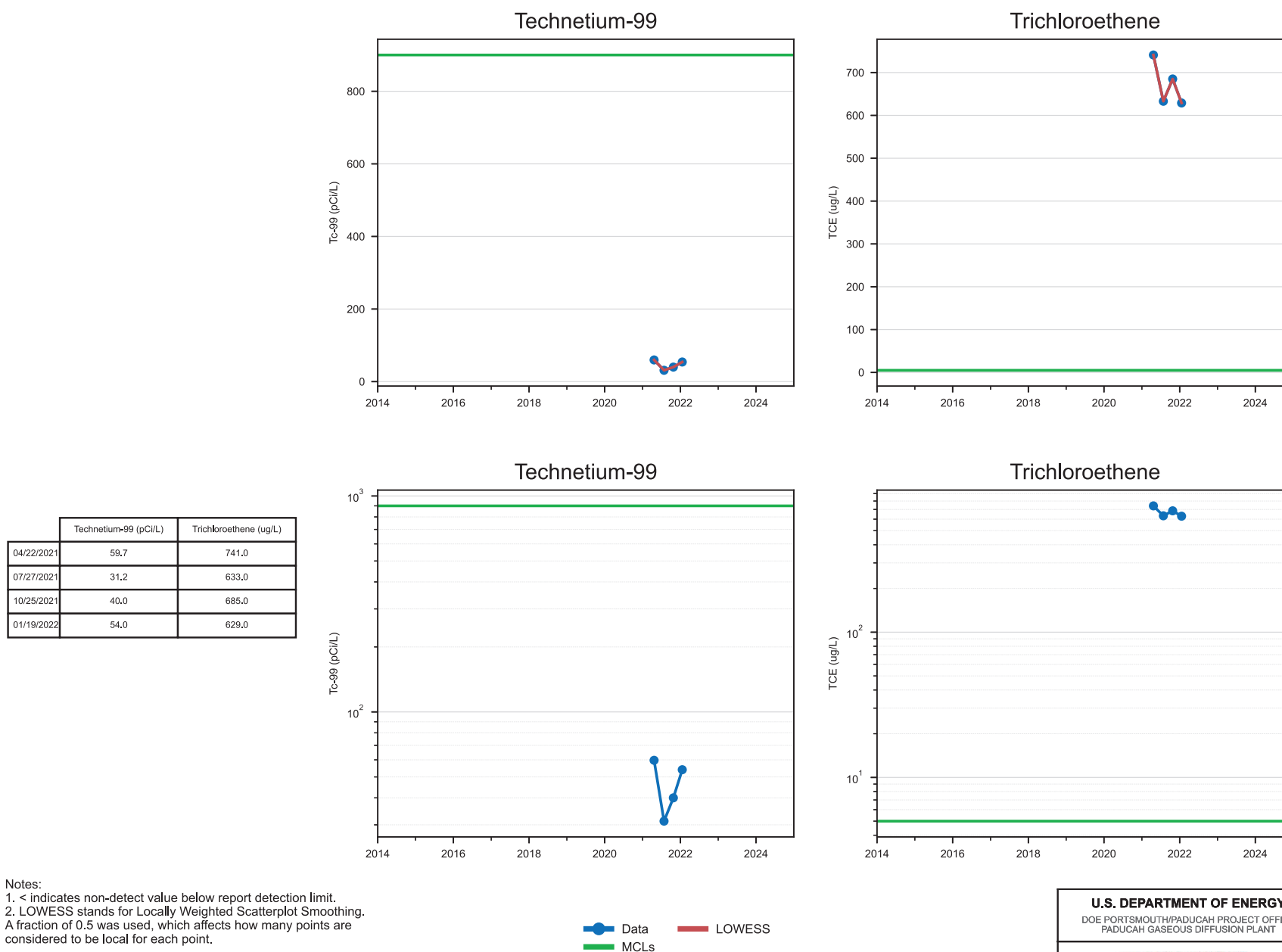


Figure 113. Tc-99 and TCE at MW405-PRT3 (RGA)

Source: Trend_Plots_V1.ipynb

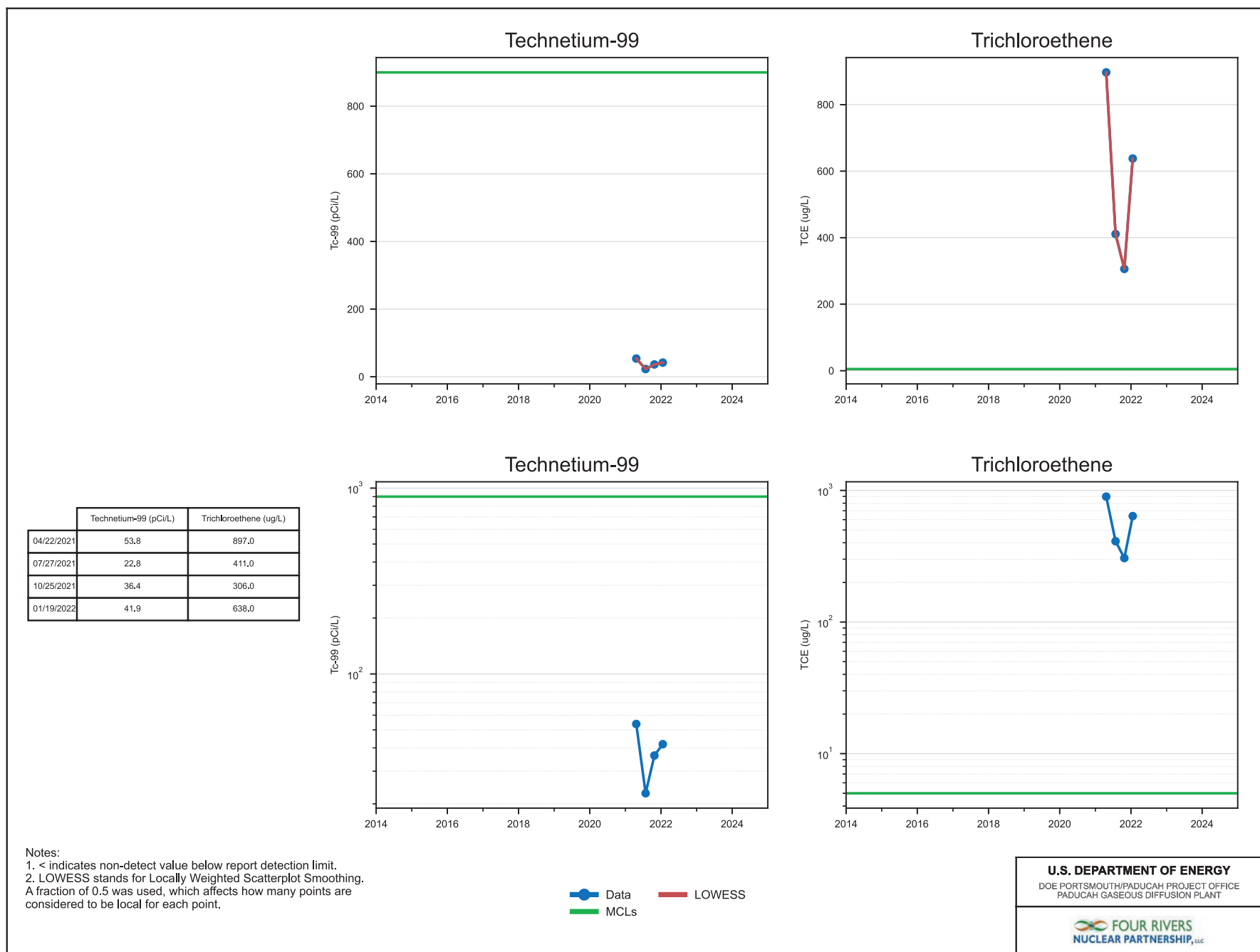


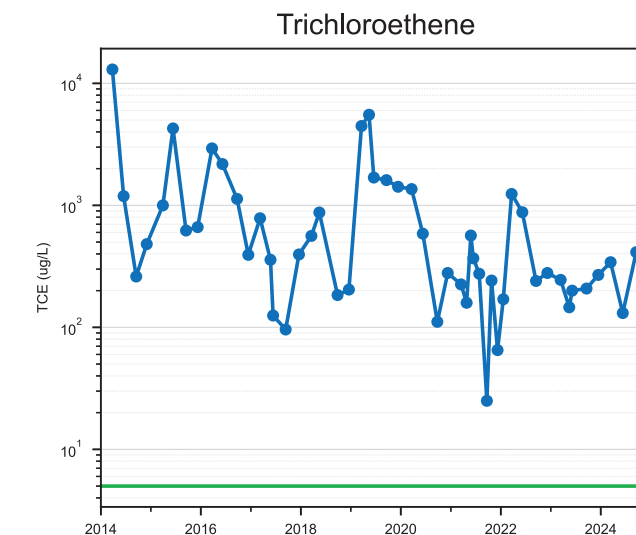
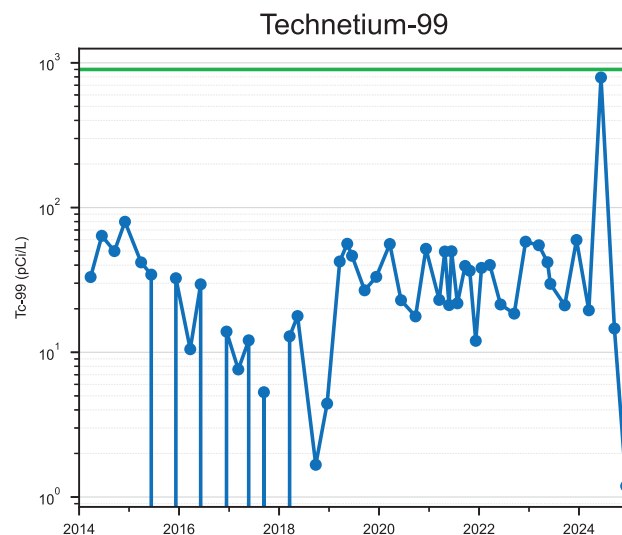
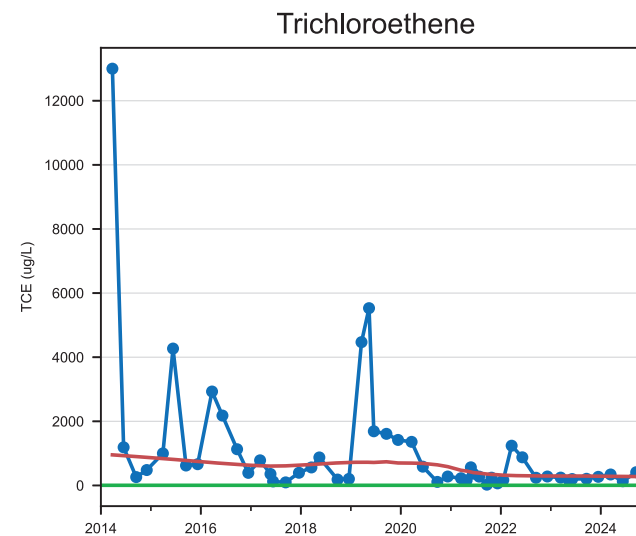
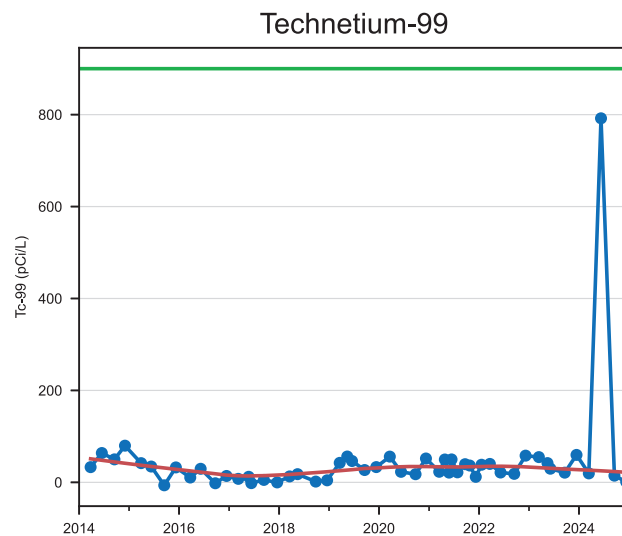
Figure 114. Tc-99 and TCE at MW405-PRT4 (RGA)

Source: Trend_Plots_V1.ipynb

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/26/2014	33.1	13000.0
06/16/2014	63.8	1190.0
09/16/2014	50.0	261.0
12/02/2014	79.8	481.0
03/30/2015	41.8	1000.0
06/12/2015	34.4	4270.0
09/15/2015	< 6.41	622.0
12/09/2015	32.5	663.0
03/23/2016	< 10.5	2930.0
06/07/2016	29.5	2180.0
09/22/2016	< 1.98	1130.0
12/13/2016	< 13.9	393.0
03/09/2017	< 7.61	784.0
05/24/2017	< 12.1	358.0
06/12/2017	< 1.71	125.0
09/12/2017	< 5.3	96.0
12/18/2017	< 0.144	396.0
03/19/2018	< 12.9	562.0
05/16/2018	< 17.8	874.0
09/26/2018	< 1.67	184.0
12/18/2018	< 4.42	204.0
03/20/2019	42.4	4470.0
05/14/2019	56.2	5530.0
06/18/2019	46.4	1690.0
09/18/2019	26.8	1610.0
12/12/2019	33.2	1420.0
03/20/2020	56.0	1360.0
06/10/2020	< 22.9	586.0
09/24/2020	< 17.7	111.0
12/09/2020	51.9	279.0
03/16/2021	23.0	225.0
04/26/2021	49.7	159.0
05/27/2021	< 21.2	566.0
06/14/2021	49.9	368.0
07/27/2021	21.8	275.0
09/21/2021	39.5	25.0
10/25/2021	36.6	242.0
12/08/2021	< 12.0	65.1
01/19/2022	38.3	170.0
03/21/2022	40.1	1240.0
06/07/2022	21.4	878.0
09/15/2022	18.5	240.0
12/07/2022	58.1	279.0
03/14/2023	54.9	245.0
05/16/2023	41.9	146.0
06/06/2023	29.7	200.0
09/19/2023	21.1	208.0
12/14/2023	59.7	269.0
03/13/2024	19.5	342.0
06/10/2024	792.0	131.0
09/16/2024	< 14.6	413.0
12/11/2024	< 1.19	353.0

Notes:

1. < indicates non-detect value below report detection limit.
 2. LOWESS stands for Locally Weighted Scatterplot Smoothing.
 A fraction of 0.5 was used, which affects how many points are considered to be local for each point.

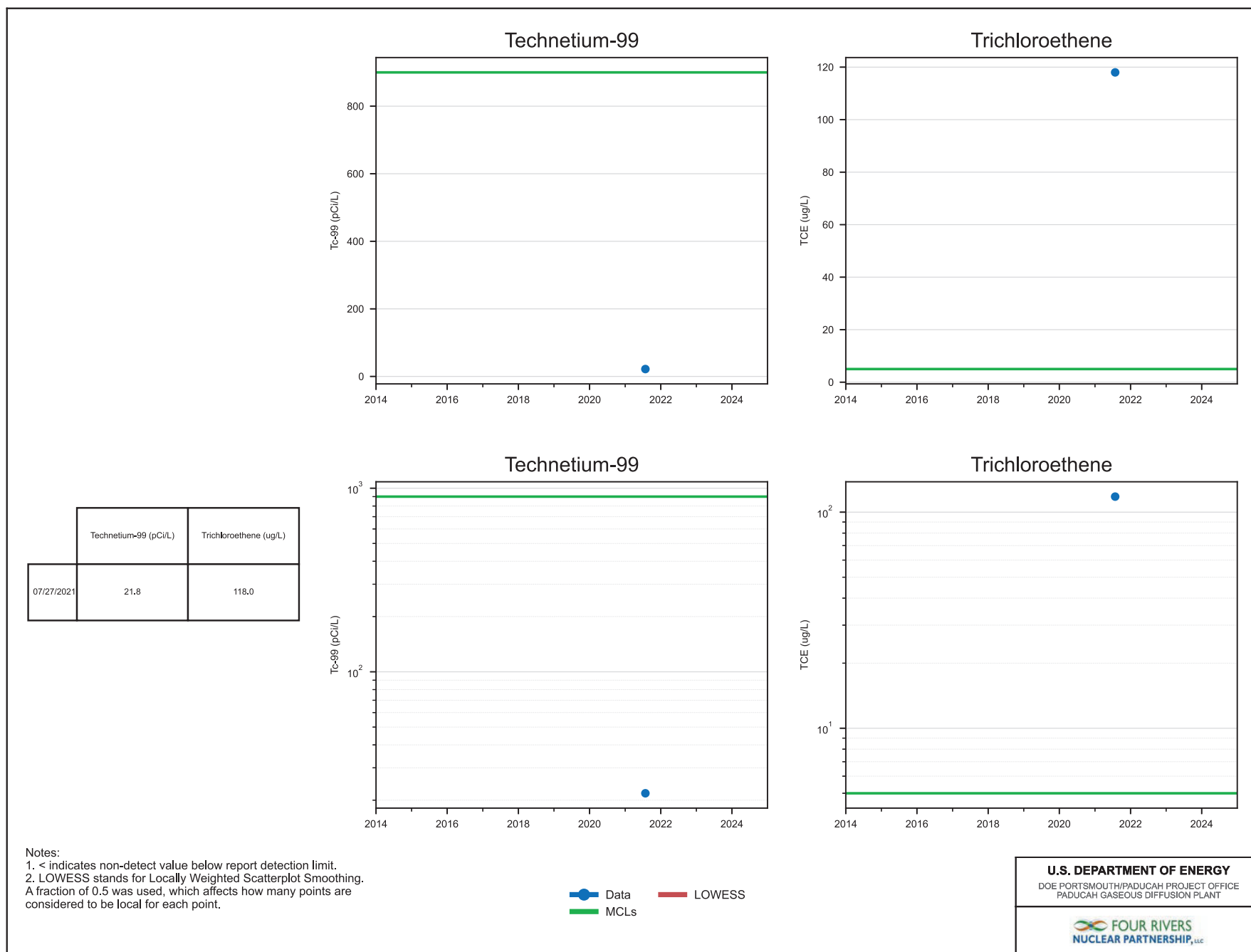


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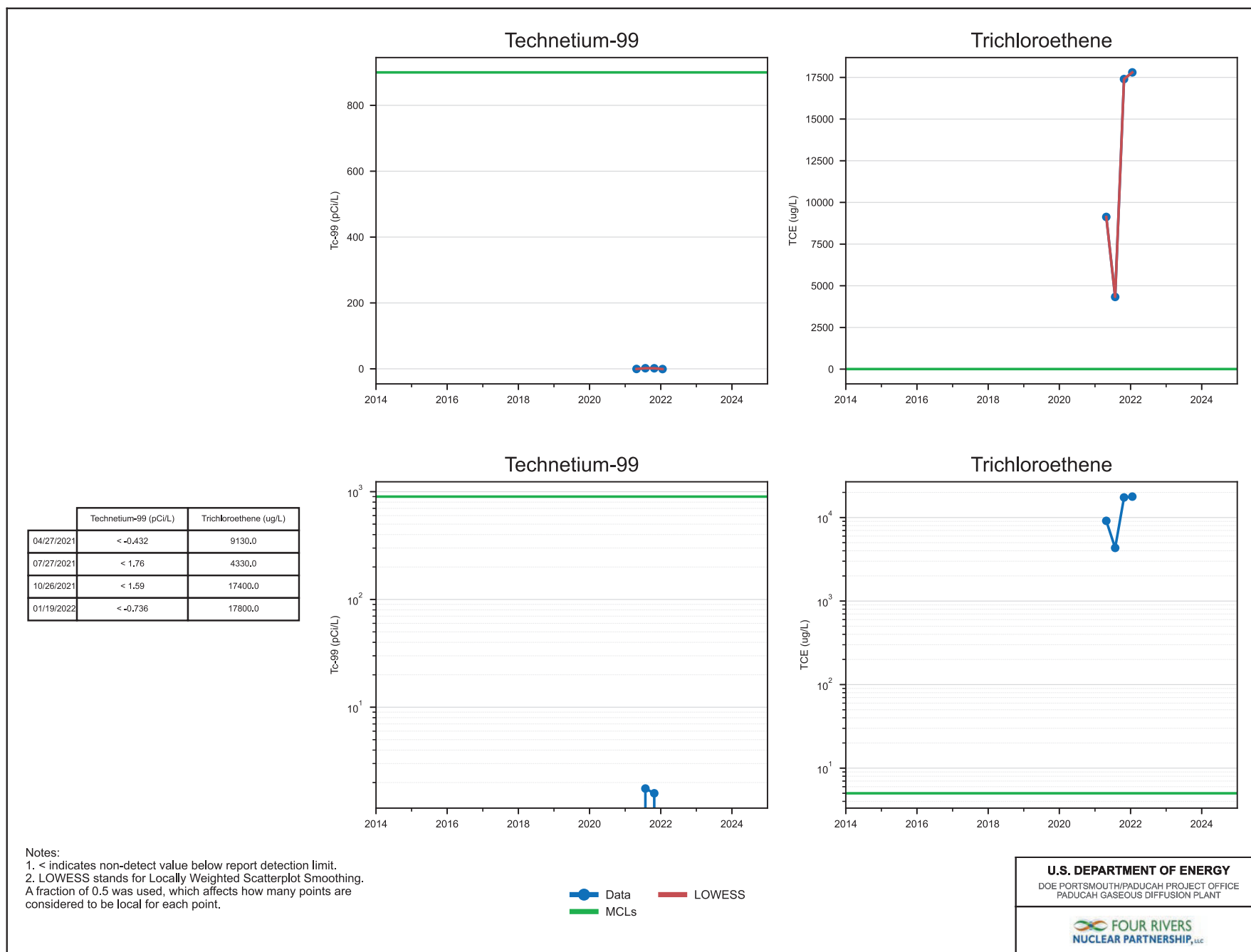
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Figure 115. Tc-99 and TCE at MW405-PRT5 (RGA)



Source: Trend_Plots_V1.ipynb

Figure 116. Tc-99 and TCE at MW405-PRT6 (RGA)



Source: Trend_Plots_V1.ipynb

Figure 117. Tc-99 and TCE at MW406-PRT1 (RGA)

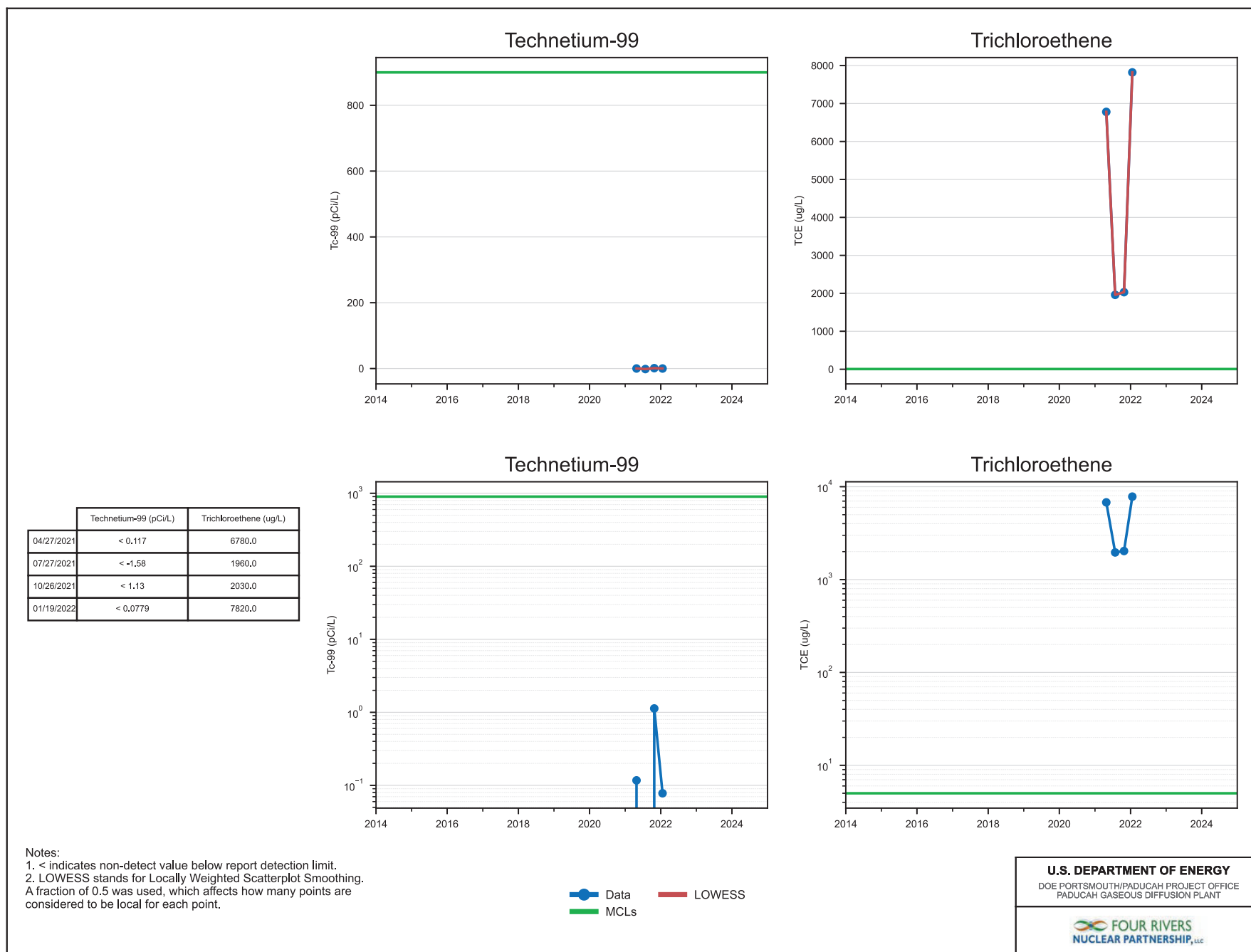


Figure 118. Tc-99 and TCE at MW406-PRT2 (RGA)

Source: Trend_Plots_V1.ipynb

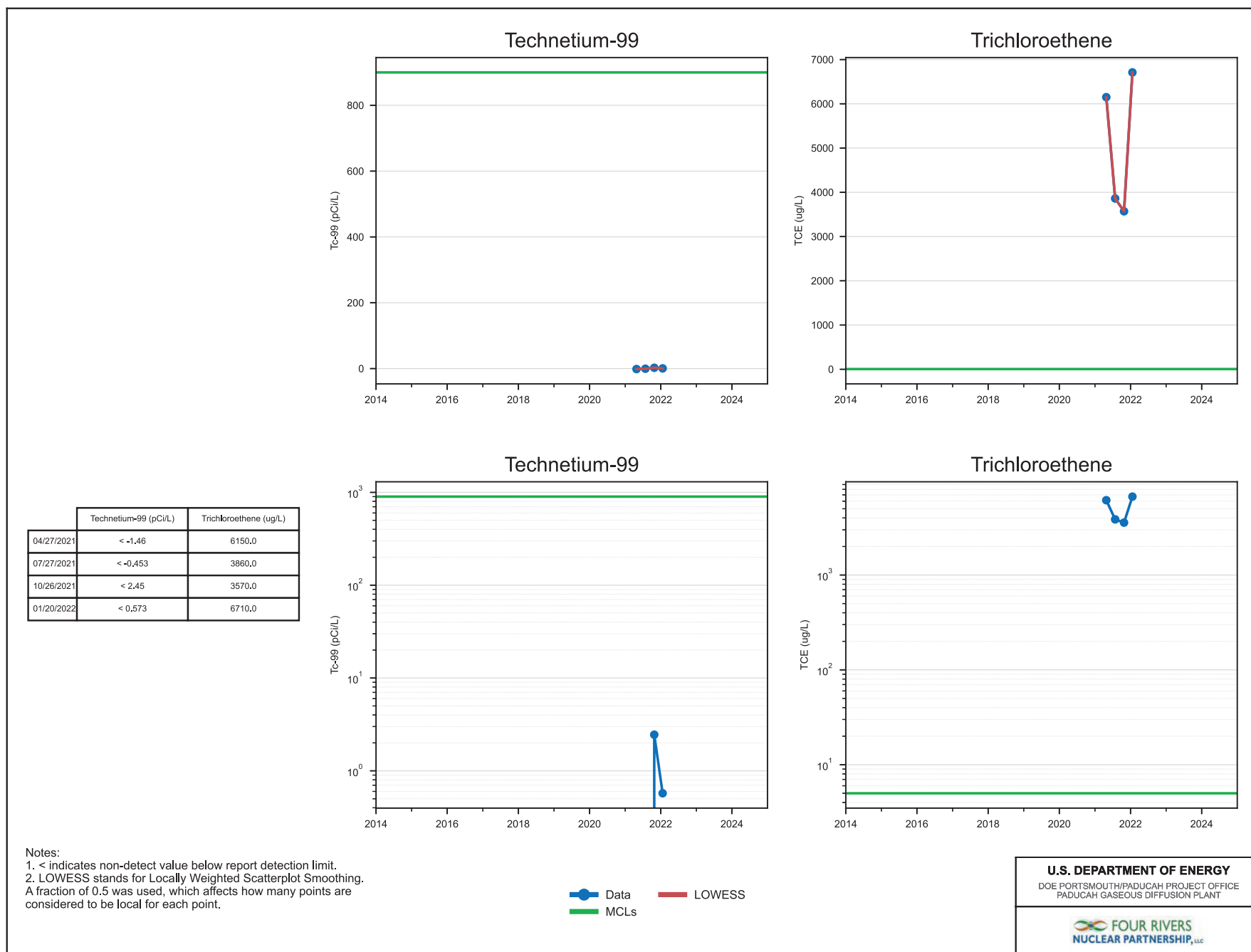


Figure 119. Tc-99 and TCE at MW406-PRT3 (RGA)

Source: Trend_Plots_V1.ipynb

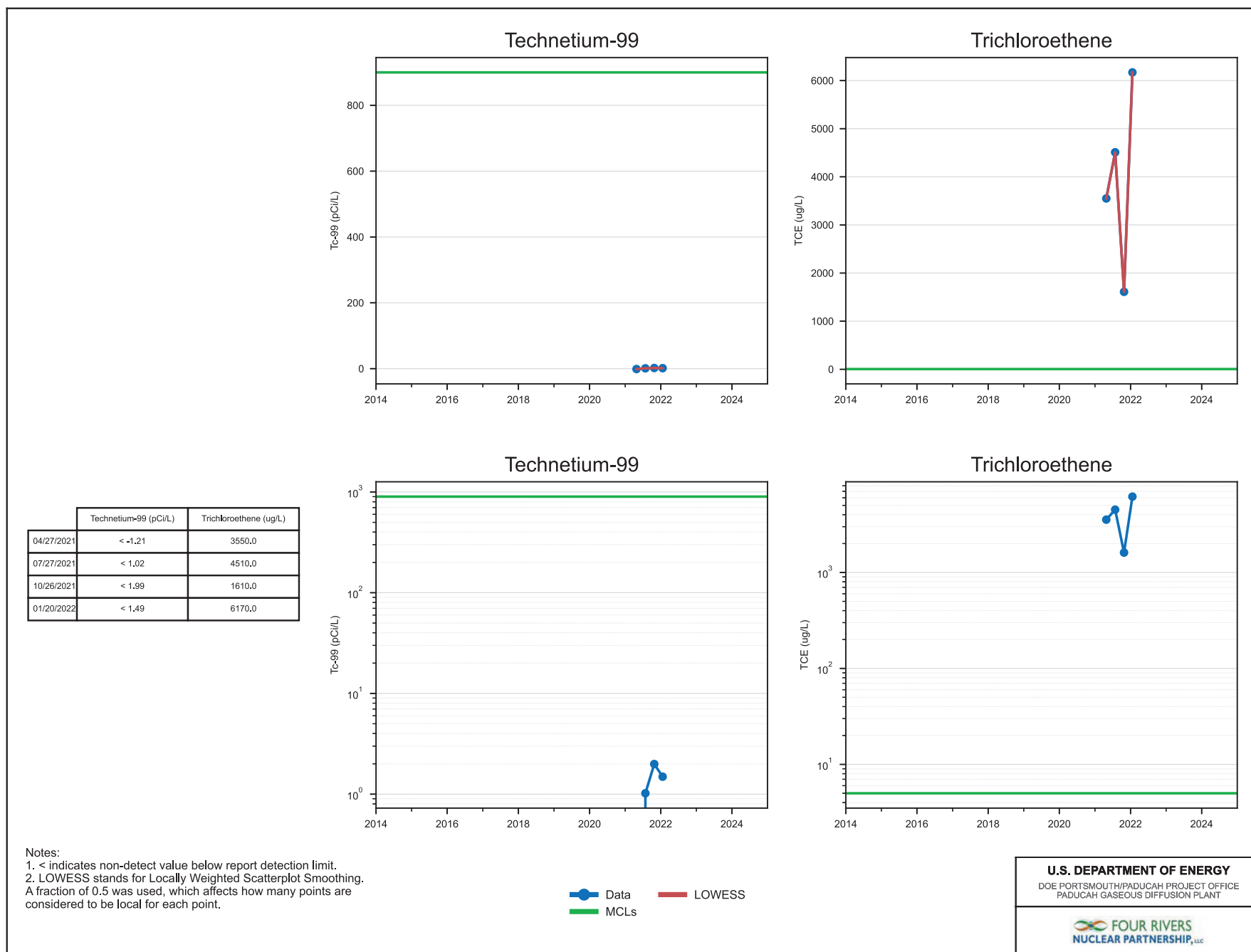


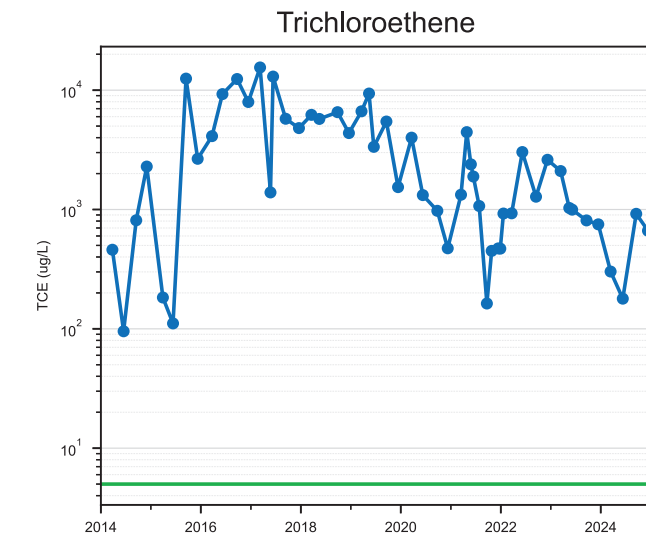
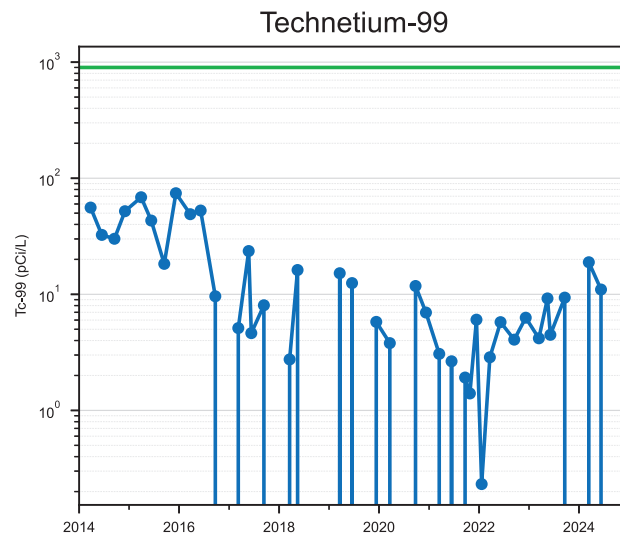
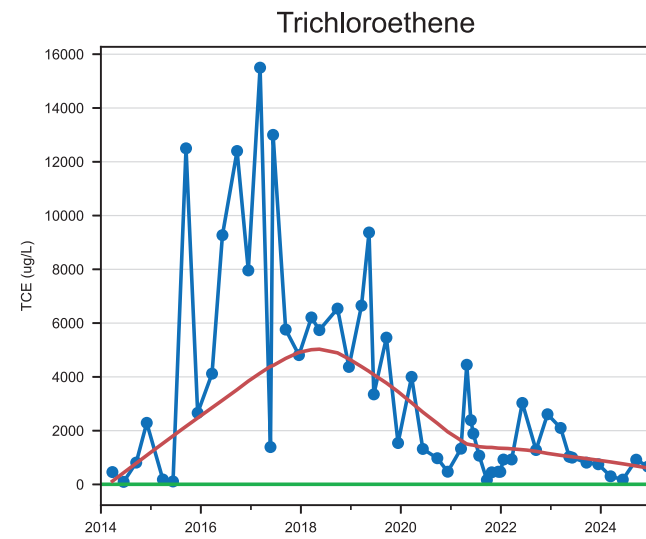
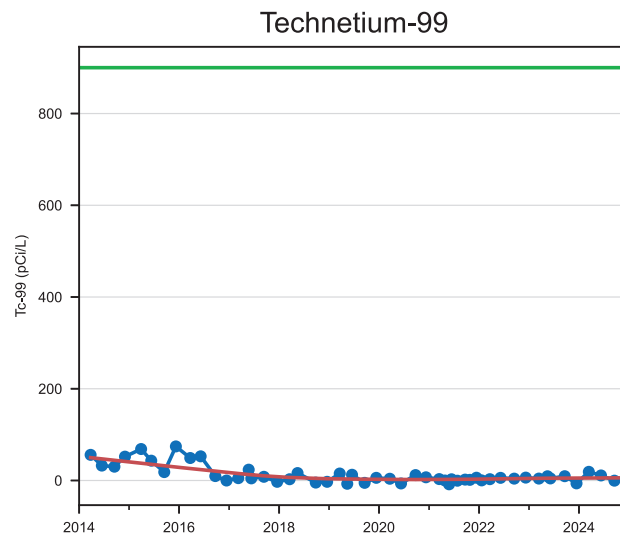
Figure 120. Tc-99 and TCE at MW406-PRT4 (RGA)

Source: Trend_Plots_V1.ipynb

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/26/2014	55.9	460.0
06/16/2014	32.5	95.4
09/16/2014	30.1	812.0
12/02/2014	52.0	2290.0
03/30/2015	68.6	183.0
06/12/2015	43.2	111.0
09/15/2015	< 18.3	12500.0
12/09/2015	74.3	2660.0
03/23/2016	49.0	4120.0
06/07/2016	52.7	9270.0
09/22/2016	< 9.62	12400.0
12/13/2016	< -0.0598	7960.0
03/09/2017	< 5.12	15500.0
05/24/2017	23.6	1390.0
06/12/2017	< 4.63	13000.0
09/12/2017	< 8.05	5760.0
12/18/2017	< -2.88	4810.0
03/19/2018	< 2.75	6210.0
05/16/2018	< 16.2	5740.0
09/26/2018	< -4.57	6540.0
12/18/2018	< -2.89	4370.0
03/20/2019	< 15.2	6650.0
05/14/2019	< -7.15	9370.0
06/18/2019	< 12.5	3350.0
09/18/2019	< -5.14	5460.0
12/12/2019	< 5.79	1540.0
03/20/2020	< 3.8	4000.0
06/10/2020	< -6.48	1320.0
09/24/2020	< 11.8	975.0
12/09/2020	< 6.97	473.0
03/16/2021	< 3.07	1330.0
04/27/2021	< -0.0391	4450.0
05/27/2021	< -8.3	2390.0
06/14/2021	< 2.65	1890.0
07/27/2021	< -0.472	1070.0
09/21/2021	< 1.92	163.0
10/26/2021	< 1.4	450.0
12/13/2021	< 6.05	472.0
12/28/2021		470.0
01/20/2022	< 0.232	925.0
03/21/2022	< 2.87	929.0
06/07/2022	< 5.76	3030.0
09/15/2022	< 4.07	1280.0
12/08/2022	< 6.29	2610.0
03/14/2023	< 4.18	2100.0
05/16/2023	< 9.22	1030.0
06/06/2023	< 4.48	997.0
09/19/2023	< 9.37	810.0
12/14/2023	< -6.27	751.0
03/13/2024	18.9	302.0
06/10/2024	< 11.0	179.0
09/16/2024	< -0.381	920.0
12/11/2024	< -0.922	664.0

Notes:

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Figure 121. Tc-99 and TCE at MW406-PRT5 (RGA)

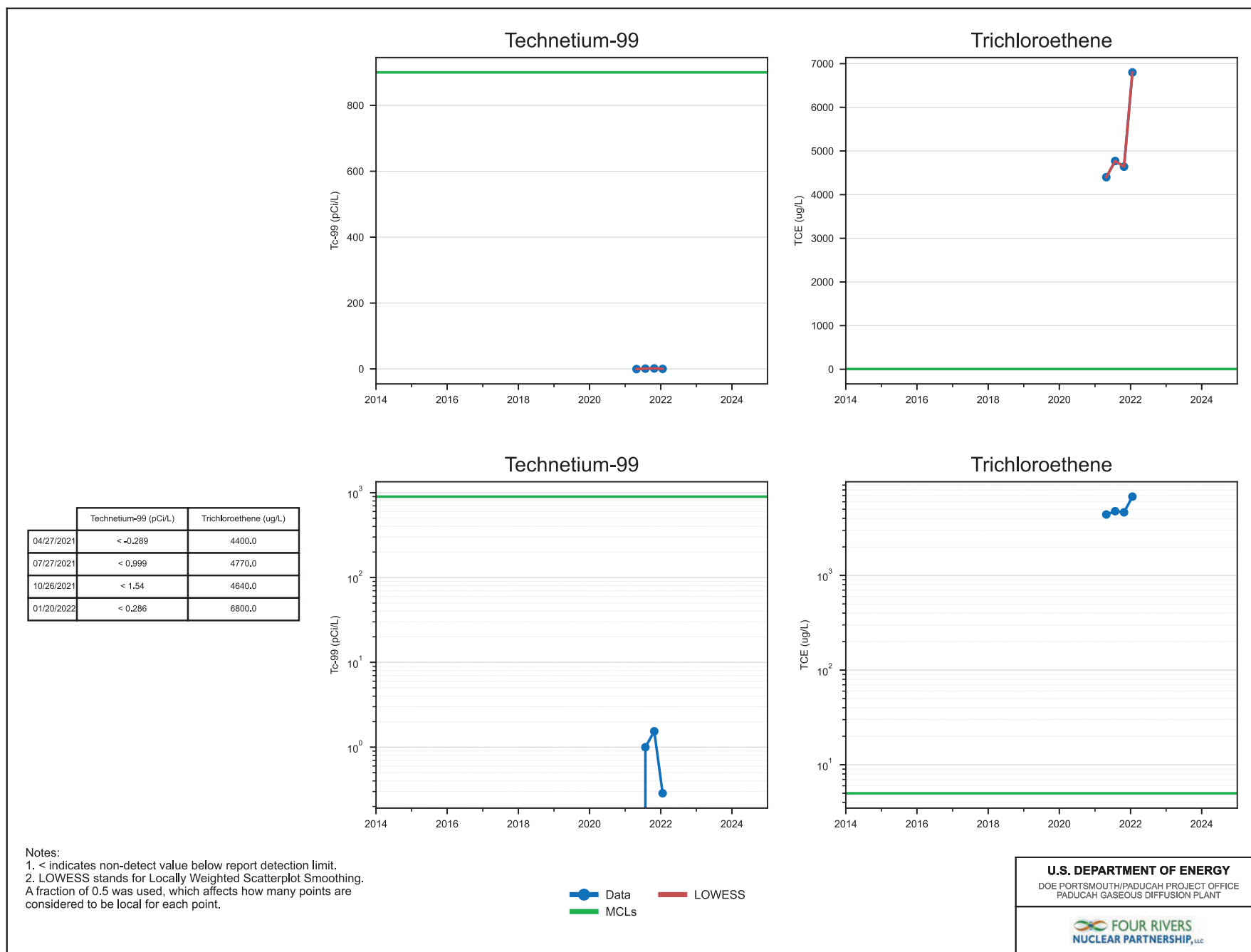
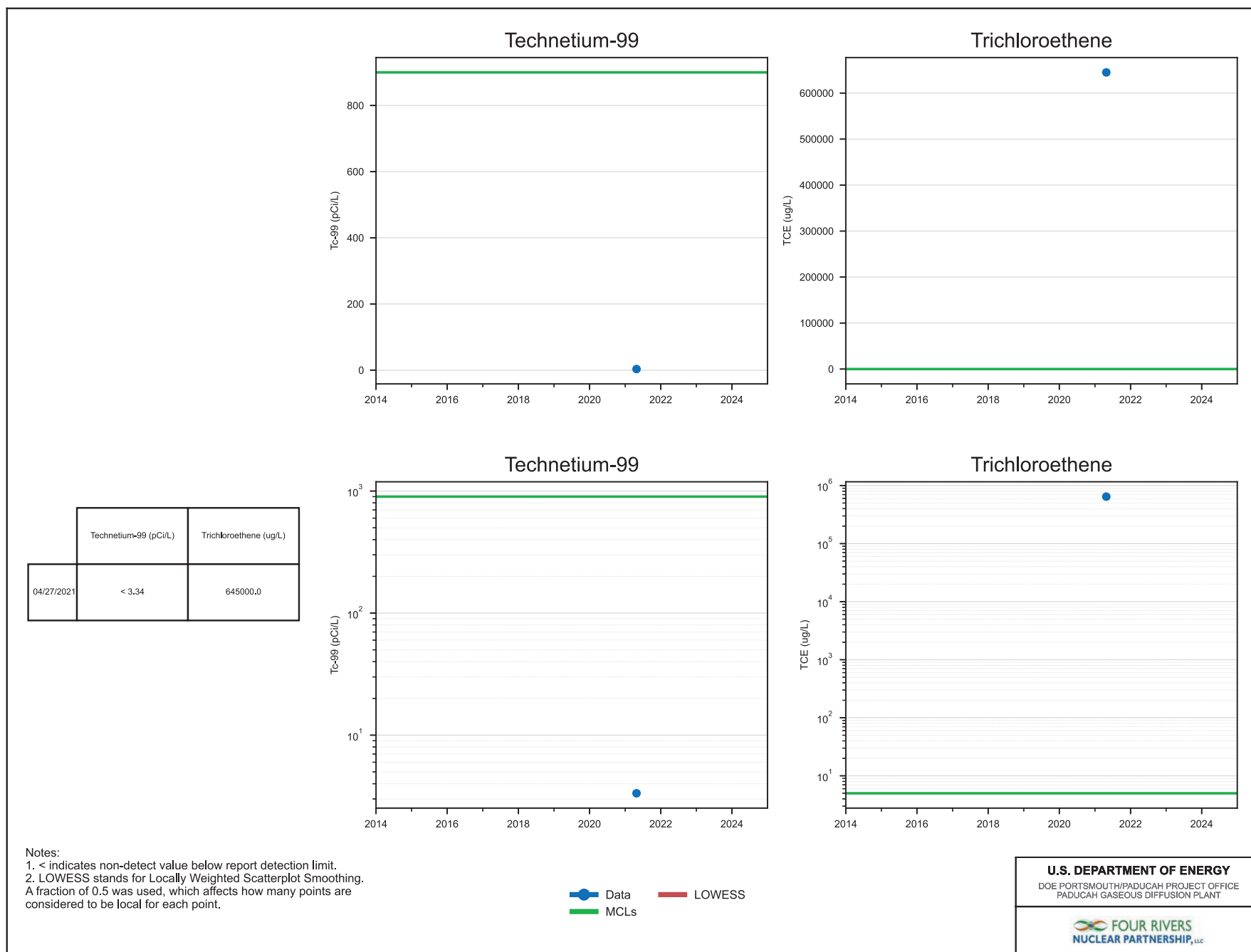


Figure 122. Tc-99 and TCE at MW406-PRT7 (RGA)

Source: Trend_Plots_V1.ipynb



Source: Trend_Plots_V1.ipynb

Figure 123. Tc-99 and TCE at MW407-PRT1 (RGA)

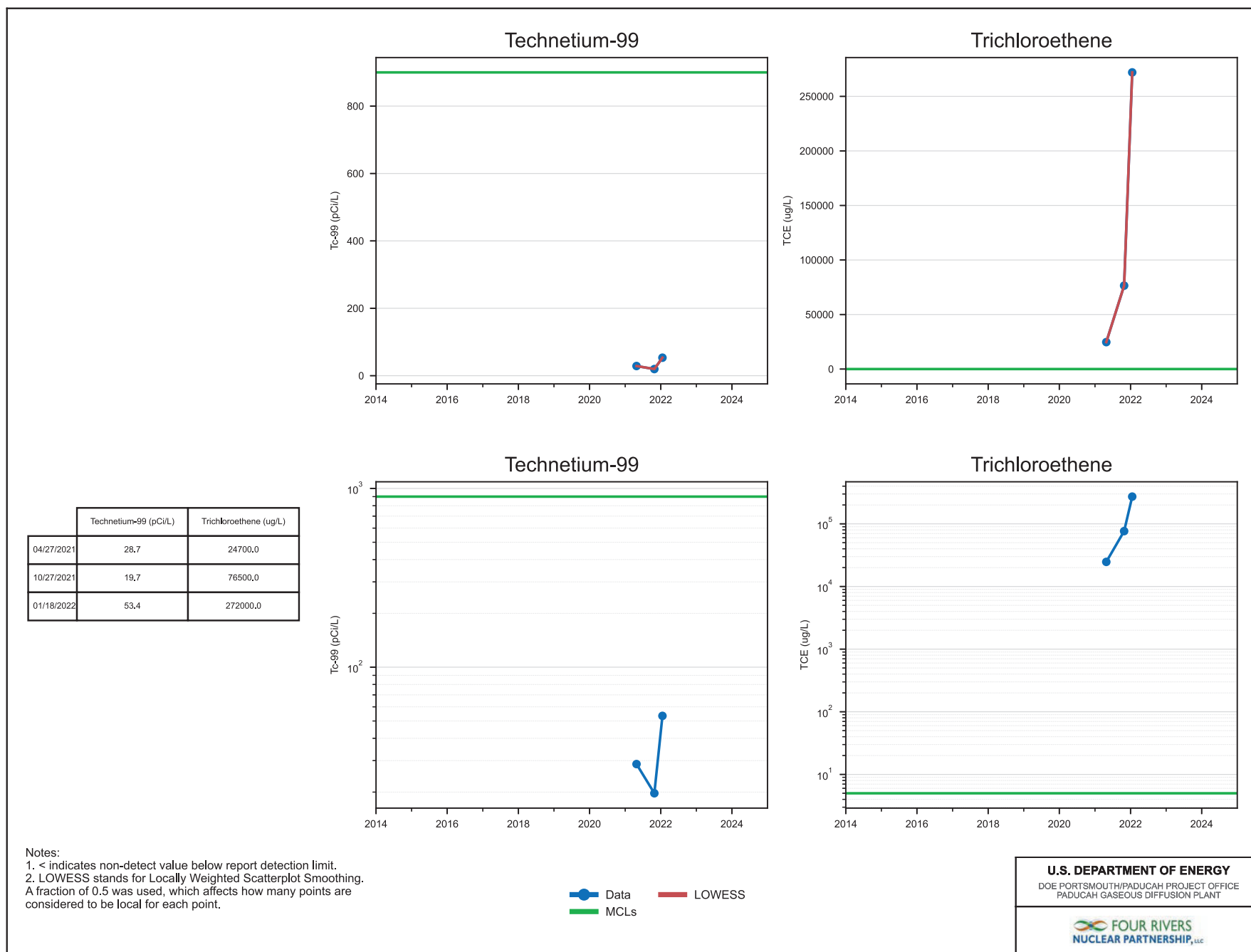
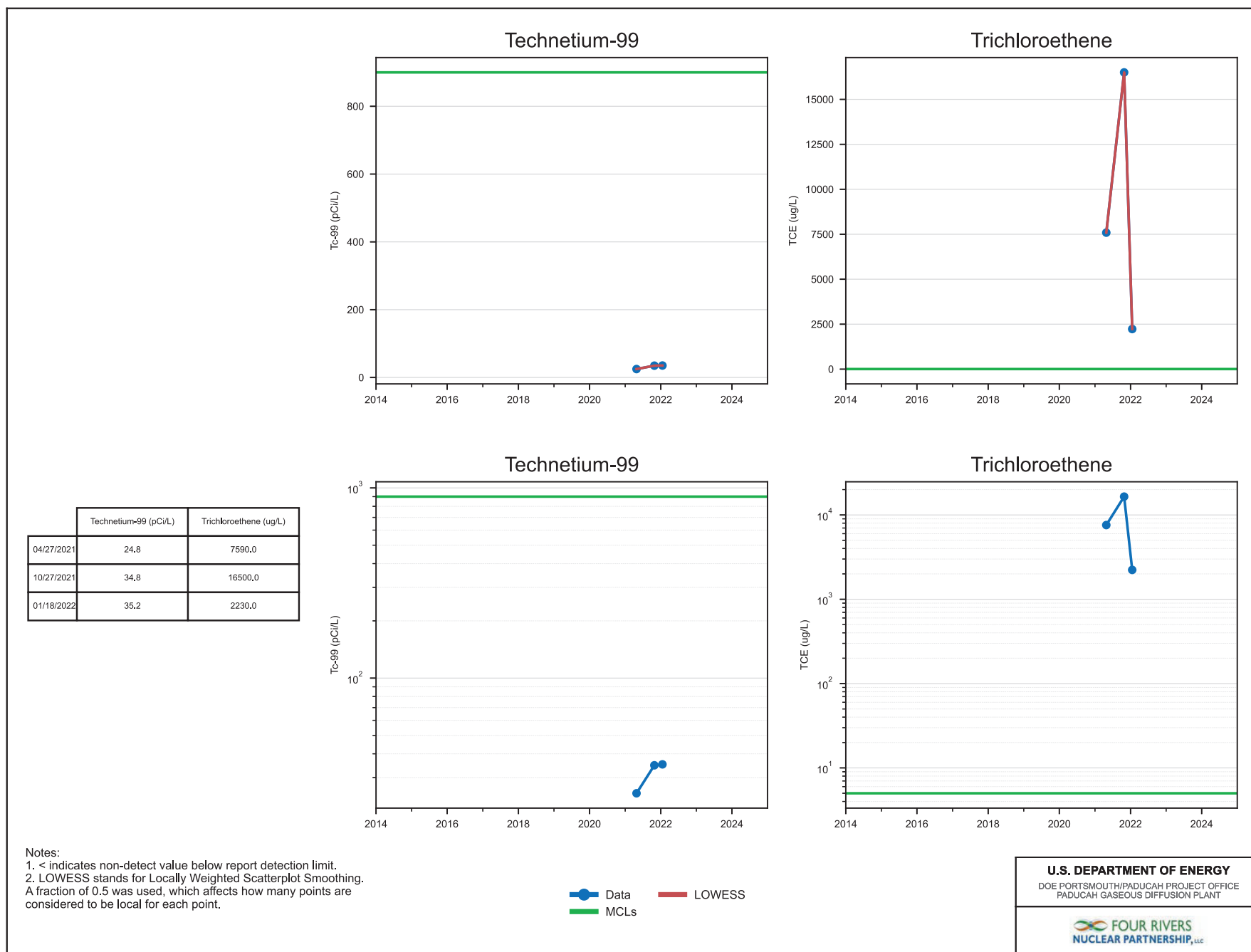


Figure 124. Tc-99 and TCE at MW407-PRT2 (RGA)

Source: Trend_Plots_V1.ipynb



Source: Trend_Plots_V1.ipynb

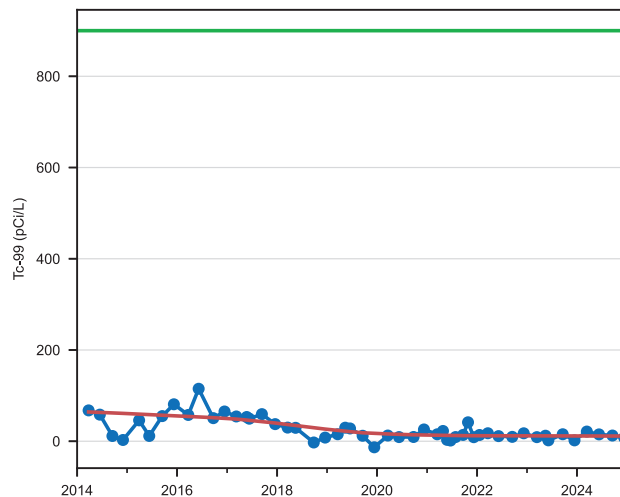
Figure 125. Tc-99 and TCE at MW407-PRT3 (RGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/26/2014	67.6	2300.0
06/16/2014	58.3	32100.0
09/16/2014	< 11.5	23800.0
12/02/2014	< 2.74	13900.0
03/30/2015	45.8	10300.0
06/12/2015	< 11.6	18600.0
09/15/2015	55.1	671.0
12/09/2015	81.0	544.0
03/23/2016	57.6	3300.0
06/07/2016	115.0	9180.0
09/22/2016	50.6	9990.0
12/13/2016	65.2	2100.0
03/09/2017	54.3	2810.0
05/24/2017	53.1	3710.0
06/12/2017	49.4	2960.0
09/12/2017	59.4	2160.0
12/18/2017	37.5	468.0
03/19/2018	29.9	696.0
05/16/2018	29.4	1360.0
09/26/2018	< 2.75	385.0
12/18/2018	< 7.99	97.1
03/20/2019	< 15.3	1190.0
05/14/2019	29.7	6590.0
06/18/2019	28.0	2880.0
09/18/2019	< 12.0	1170.0
12/12/2019	< 13.3	1010.0
03/20/2020	< 12.5	588.0
06/10/2020	< 9.11	824.0
09/24/2020	< 9.31	372.0
12/09/2020	25.8	7470.0
03/16/2021	< 15.2	167.0
04/27/2021	22.5	3430.0
05/27/2021	< 3.03	1770.0
06/21/2021	< 1.54	298.0
07/28/2021	9.14	584.0
09/21/2021	< 13.8	4400.0
10/27/2021	41.5	6650.0
12/08/2021	< 8.87	126.0
01/19/2022	13.7	1440.0
03/21/2022	17.5	14500.0
06/07/2022	< 11.2	699.0
09/15/2022	< 9.59	739.0
12/08/2022	< 17.4	1290.0
03/14/2023	< 8.97	414.0
05/16/2023	< 12.1	454.0
06/06/2023	< 1.96	889.0
09/19/2023	< 15.3	201.0
12/14/2023	< 1.88	89.2
03/13/2024	21.2	126.0
06/10/2024	< 15.0	34.8
09/16/2024	< 12.5	326.0
12/11/2024	< 7.91	418.0

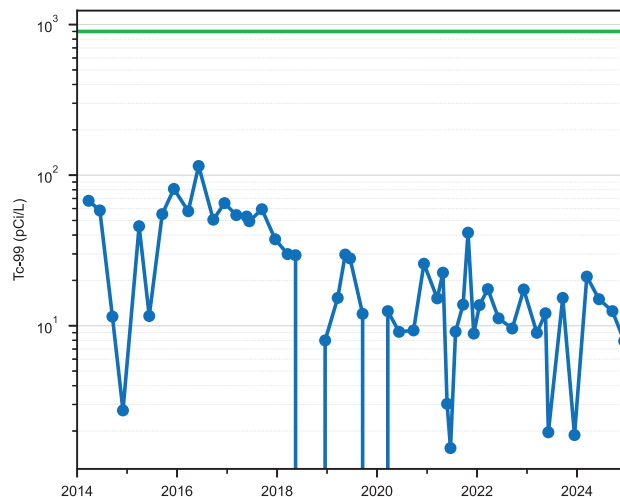
Notes:

1. < indicates non-detect value below report detection limit.
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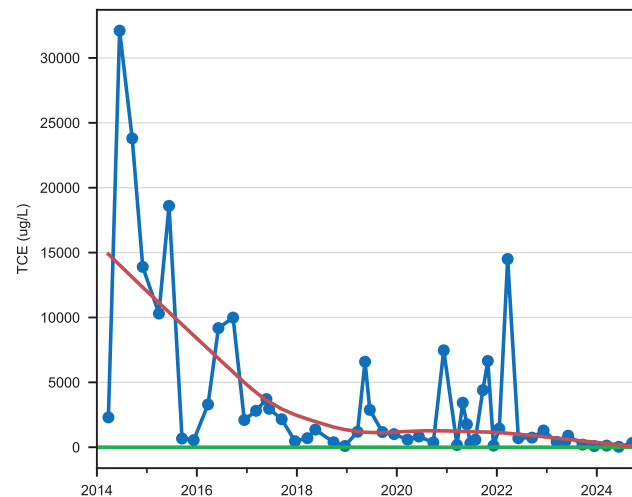
Technetium-99



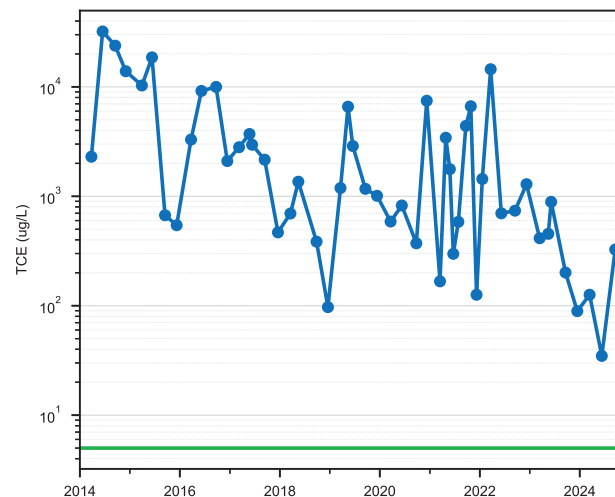
Technetium-99



Trichloroethene



Trichloroethene



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Figure 126. Tc-99 and TCE at MW407-PRT4 (RGA)

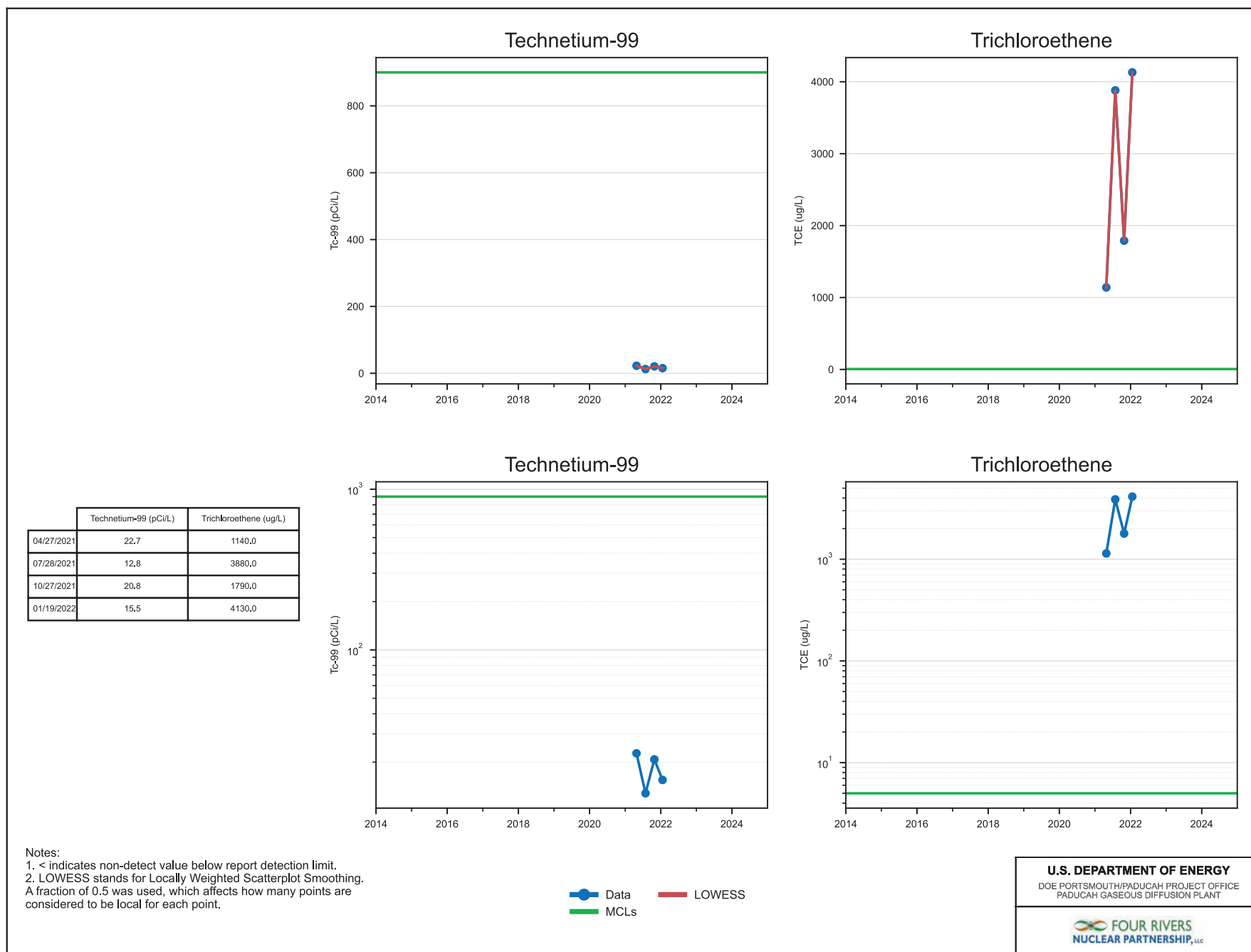


Figure 127. Tc-99 and TCE at MW407-PRT5 (RGA)

Source: Trend_Plots_V1.ipynb

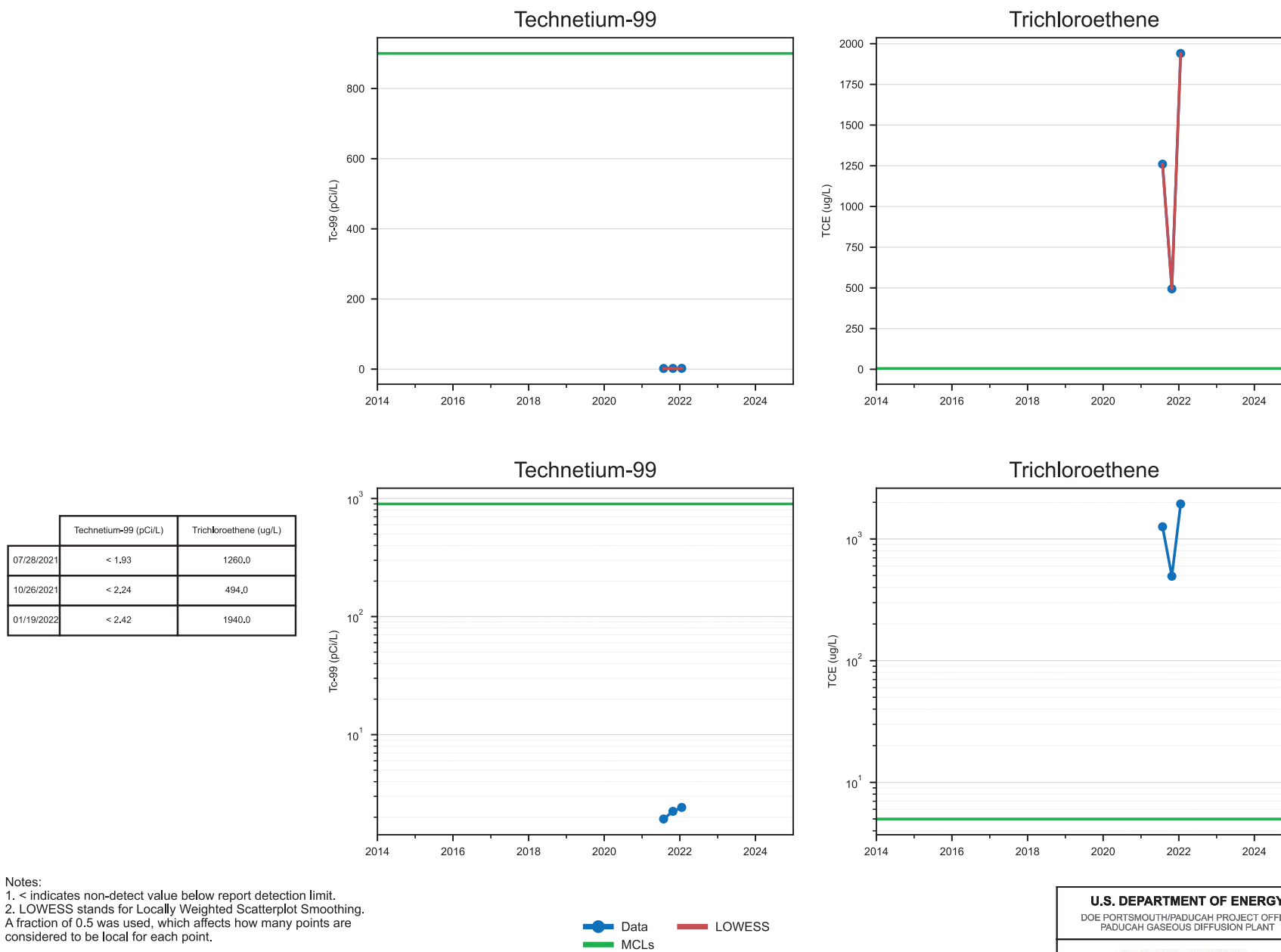


Figure 128. Tc-99 and TCE at MW408-PRT2 (RGA)

Source: Trend_Plots_V1.ipynb

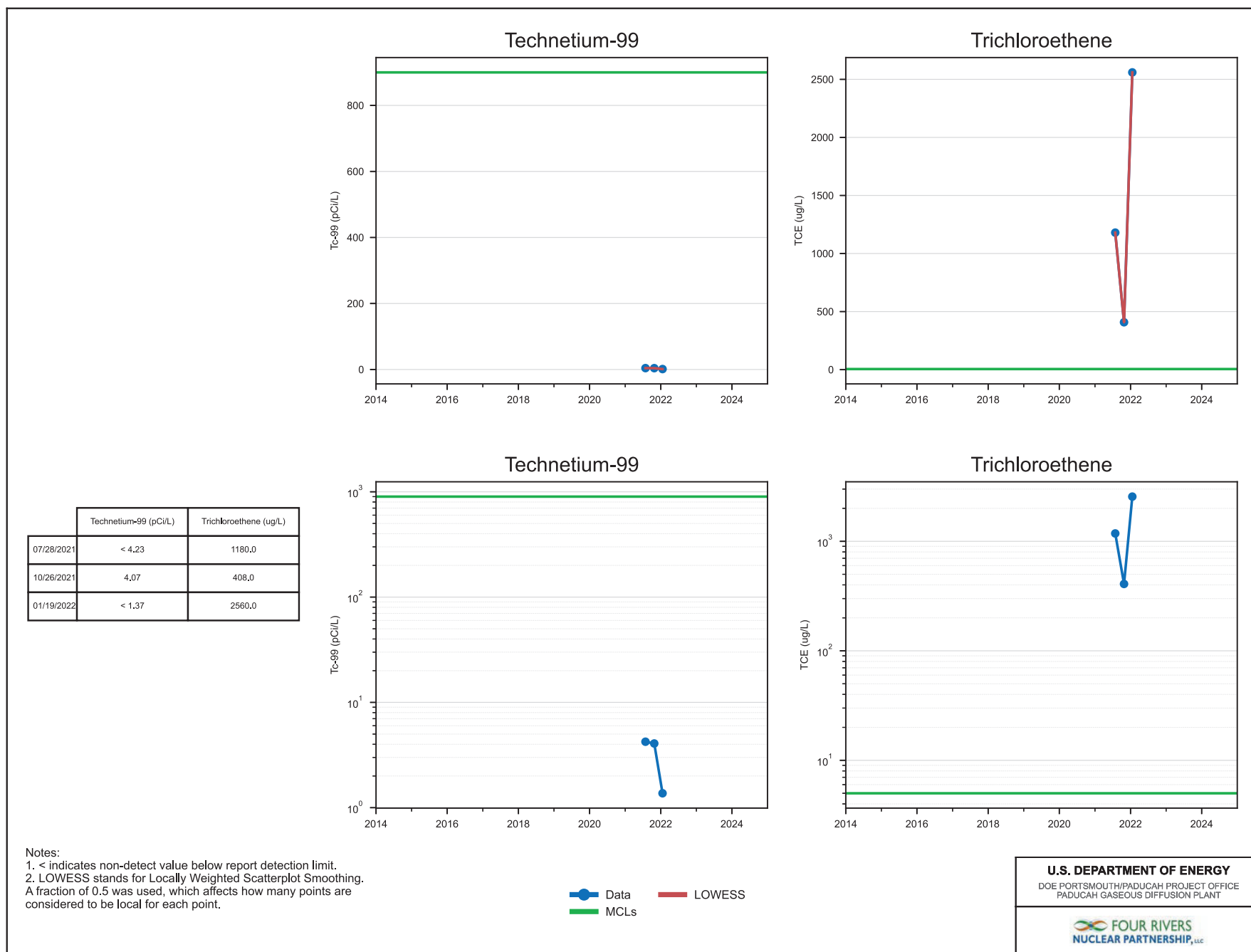


Figure 129. Tc-99 and TCE at MW408-PRT3 (RGA)

Source: Trend_Plots_V1.ipynb

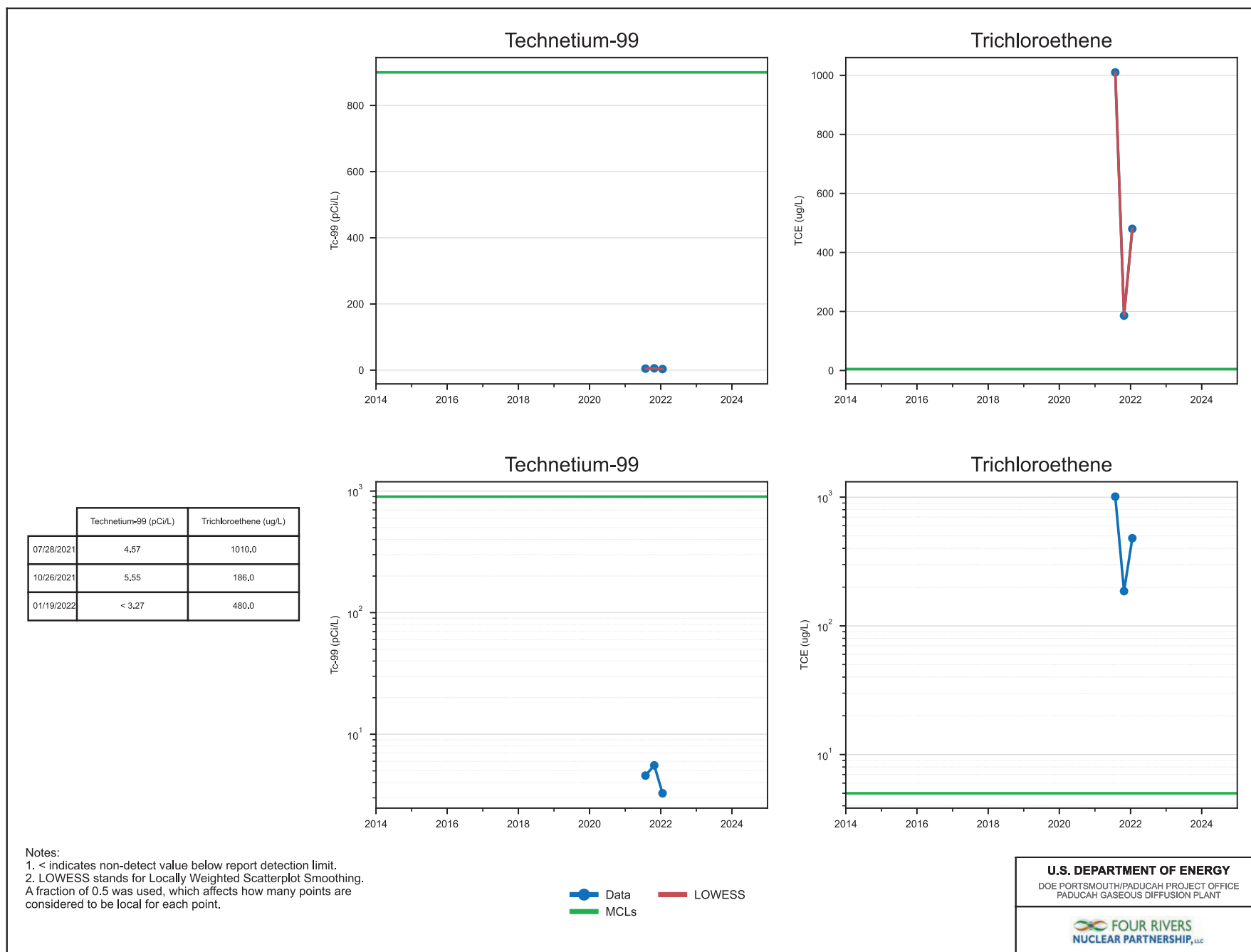
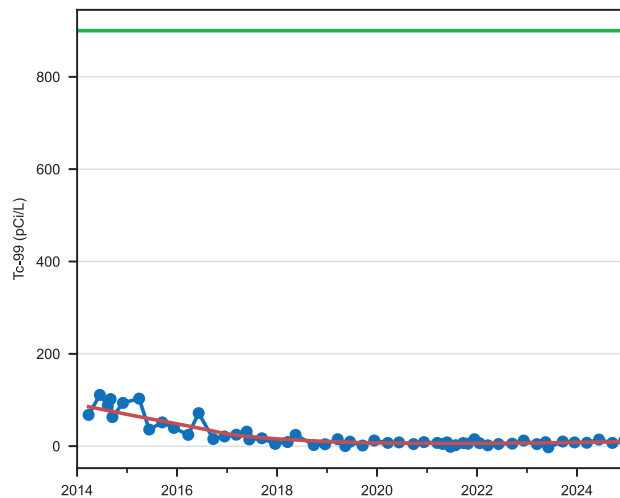


Figure 130. Tc-99 and TCE at MW408-PRT4 (RGA)

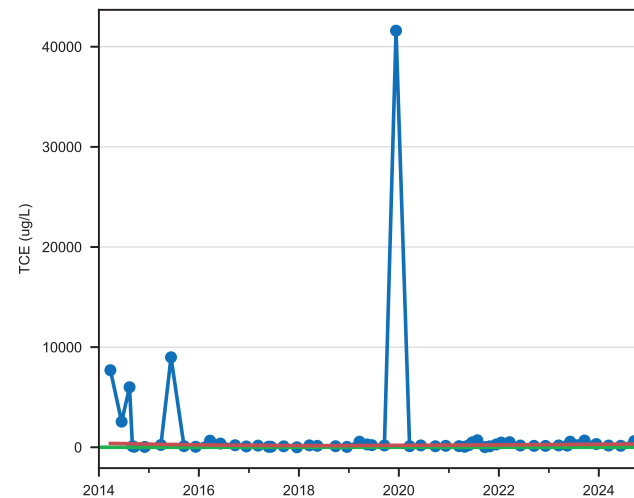
Source: Trend_Plots_V1.ipynb

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/26/2014	67.7	7700.0
06/16/2014	111.0	2560.0
08/13/2014	88.2	6000.0
09/03/2014	102.0	110.0
09/16/2014	63.0	49.1
12/02/2014	93.7	37.6
03/30/2015	103.0	234.0
06/12/2015	36.0	8990.0
09/15/2015	51.5	115.0
12/09/2015	39.5	52.4
03/23/2016	24.5	665.0
06/07/2016	71.6	371.0
09/22/2016	< 15.4	207.0
12/13/2016	20.9	86.2
03/09/2017	24.8	168.0
05/24/2017	31.5	59.8
06/12/2017	< 14.5	56.9
09/12/2017	17.1	97.9
12/18/2017	< 4.89	< 1.0
03/19/2018	< 8.91	194.0
05/16/2018	24.5	148.0
09/26/2018	< 2.41	109.0
12/18/2018	< 4.18	41.2
03/20/2019	< 15.1	560.0
05/14/2019	< 0.209	284.0
06/18/2019	< 9.66	216.0
09/18/2019	< 1.37	186.0
12/12/2019	< 12.2	41600.0
03/20/2020	< 7.09	113.0
06/10/2020	< 8.12	188.0
09/24/2020	< 4.49	105.0
12/09/2020	< 8.69	145.0
03/16/2021	< 6.99	115.0
04/26/2021	4.78	51.7
05/27/2021	< 8.18	213.0
06/21/2021	< 1.47	497.0
07/28/2021	< 2.05	705.0
09/21/2021	< 6.75	23.2
10/26/2021	5.4	98.6
12/13/2021	< 15.0	284.0
01/19/2022	6.46	472.0
03/21/2022	< 1.84	513.0
06/07/2022	< 4.59	177.0
09/15/2022	< 5.4	147.0
12/08/2022	< 12.1	141.0
03/14/2023	< 4.37	186.0
05/16/2023	< 8.59	168.0
06/06/2023	< 2.47	564.0
09/19/2023	< 10.0	676.0
12/14/2023	< 8.14	328.0
03/13/2024	< 7.31	175.0
06/10/2024	< 14.3	151.0
09/16/2024	< 6.95	614.0
12/11/2024	< 11.1	211.0

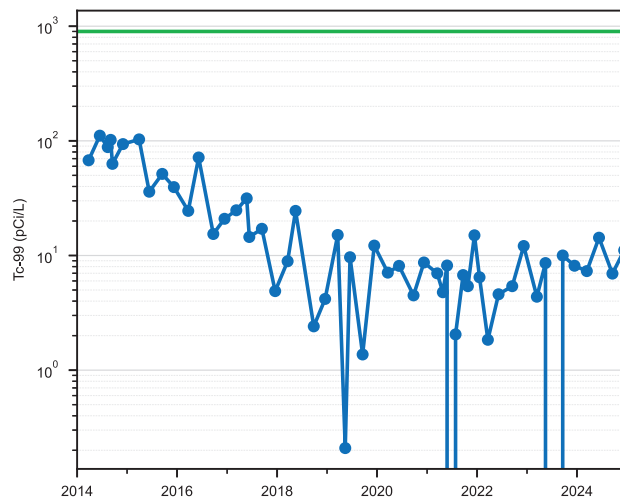
Technetium-99



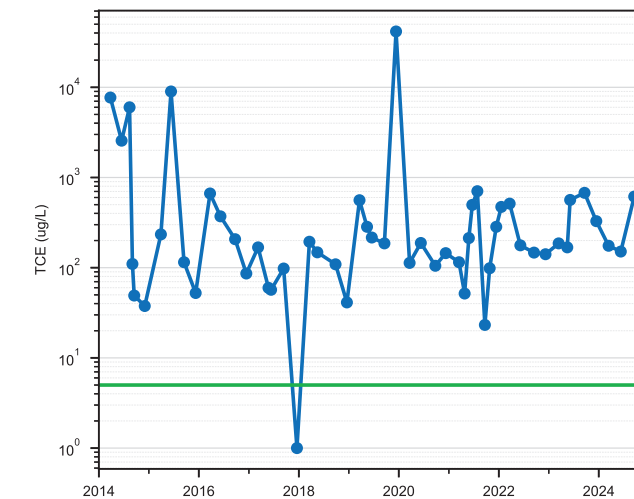
Trichloroethene



Technetium-99



Trichloroethene



Notes:

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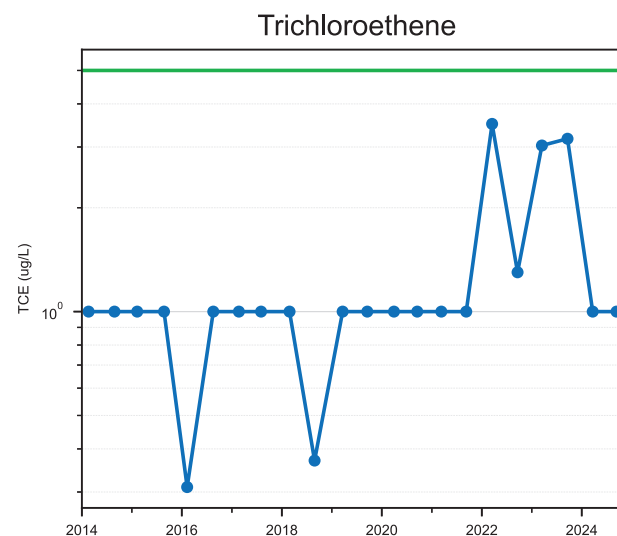
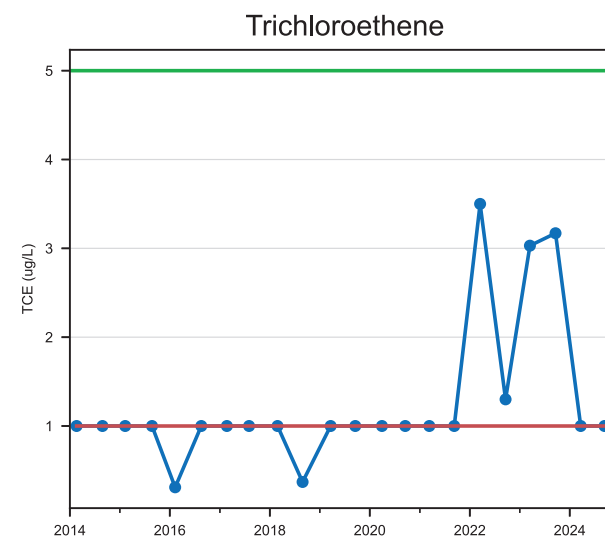
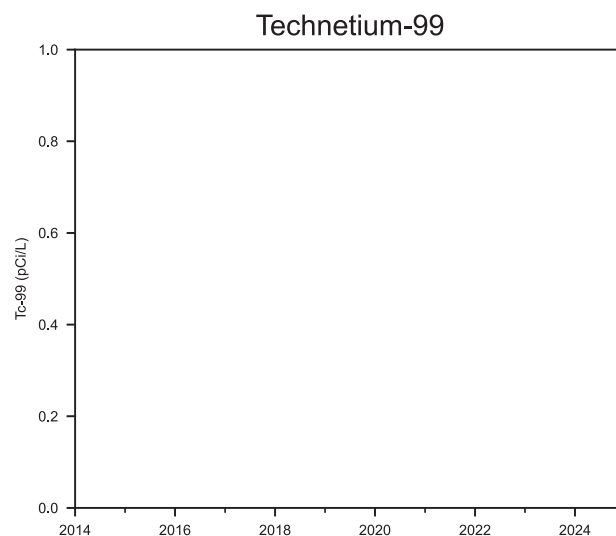
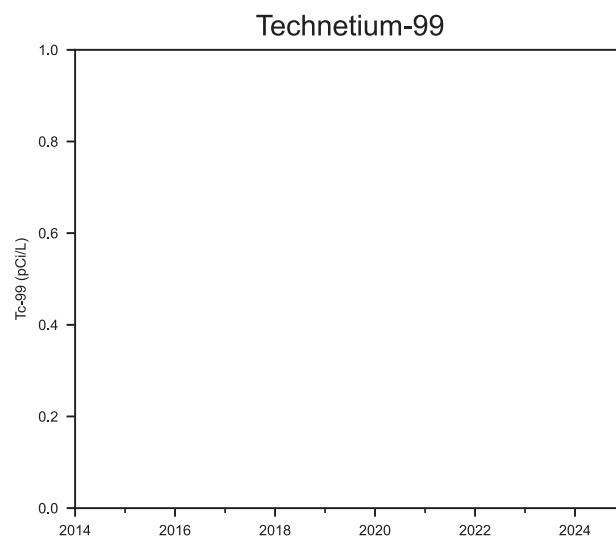
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Figure 131. Tc-99 and TCE at MW408-PRT5 (RGA)

	Trichloroethene (ug/L)
02/19/2014	< 1.0
08/27/2014	< 1.0
02/09/2015	< 1.0
08/24/2015	< 1.0
02/09/2016	0.31
08/18/2016	< 1.0
02/21/2017	< 1.0
08/02/2017	< 1.0
02/26/2018	< 1.0
08/28/2018	0.37
03/21/2019	< 1.0
09/17/2019	< 1.0
03/30/2020	< 1.0
09/16/2020	< 1.0
03/11/2021	< 1.0
09/09/2021	< 1.0
03/17/2022	3.5
09/19/2022	1.3
03/16/2023	3.03
09/19/2023	3.17
03/21/2024	< 1.0
09/11/2024	< 1.0

Notes:

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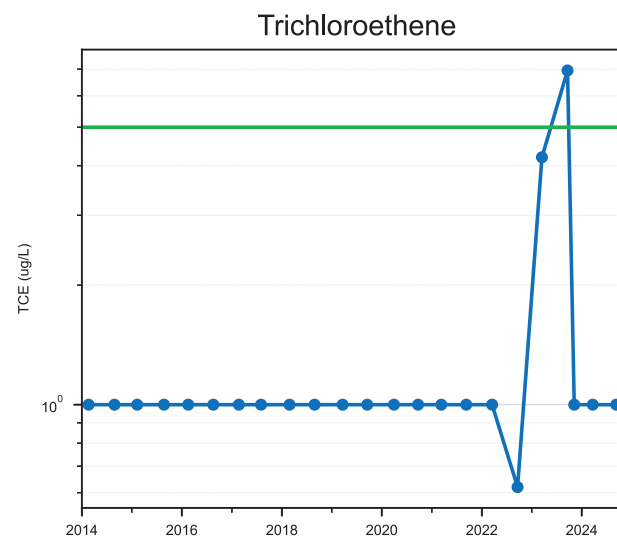
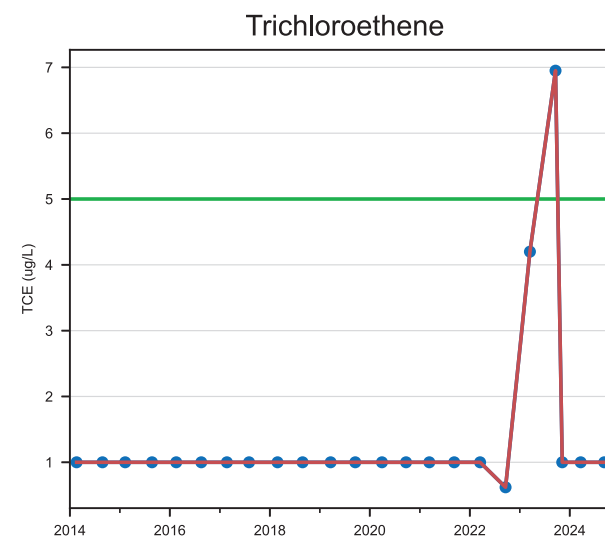
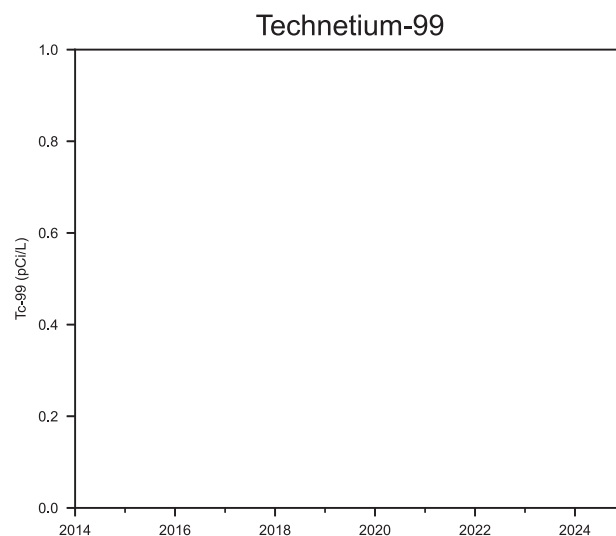
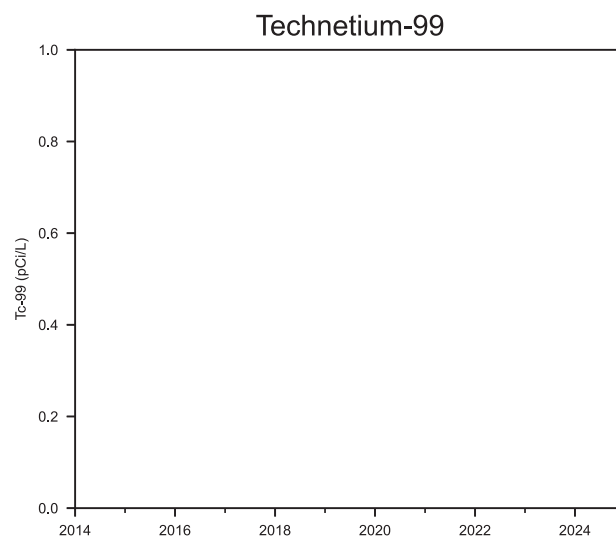
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 PADUCAH GASEOUS DIFFUSION PLANT

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Figure 132. Tc-99 and TCE at MW409 (LRGA)

	Trichloroethene (ug/L)
02/19/2014	< 1.0
08/27/2014	< 1.0
02/09/2015	< 1.0
08/24/2015	< 1.0
02/17/2016	< 1.0
08/18/2016	< 1.0
02/21/2017	< 1.0
08/02/2017	< 1.0
02/26/2018	< 1.0
08/28/2018	< 1.0
03/21/2019	< 1.0
09/17/2019	< 1.0
03/30/2020	< 1.0
09/22/2020	< 1.0
03/11/2021	< 1.0
09/09/2021	< 1.0
03/17/2022	1.0
09/19/2022	0.62
03/16/2023	4.2
09/19/2023	6.95
11/07/2023	< 1.0
03/21/2024	< 1.0
09/09/2024	< 1.0



Notes:

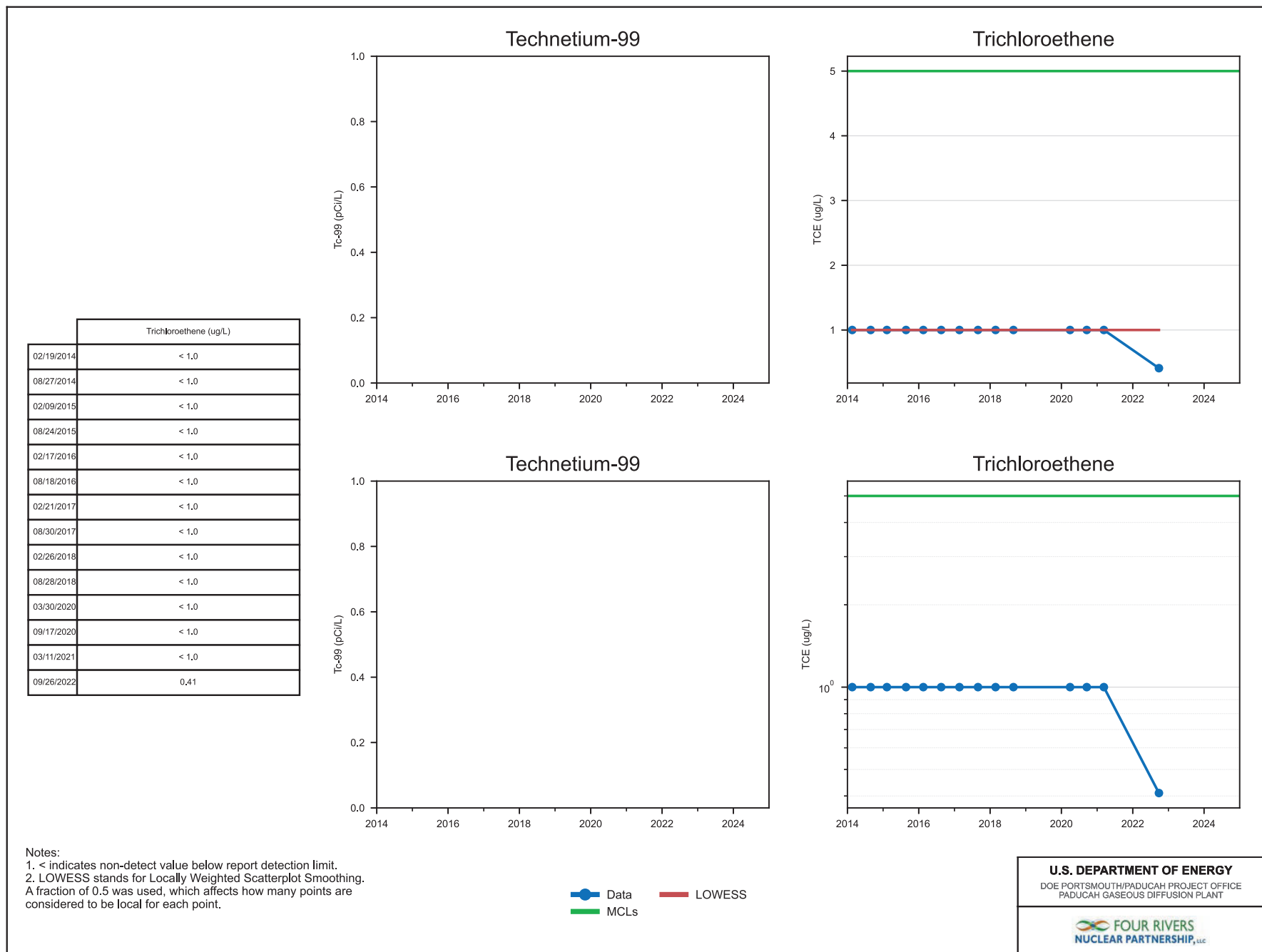
1. < indicates non-detect value below report detection limit.
2. LOWESS stands for Locally Weighted Scatterplot Smoothing. A fraction of 0.5 was used, which affects how many points are considered to be local for each point.

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Figure 133. Tc-99 and TCE at MW410 (LRGA)



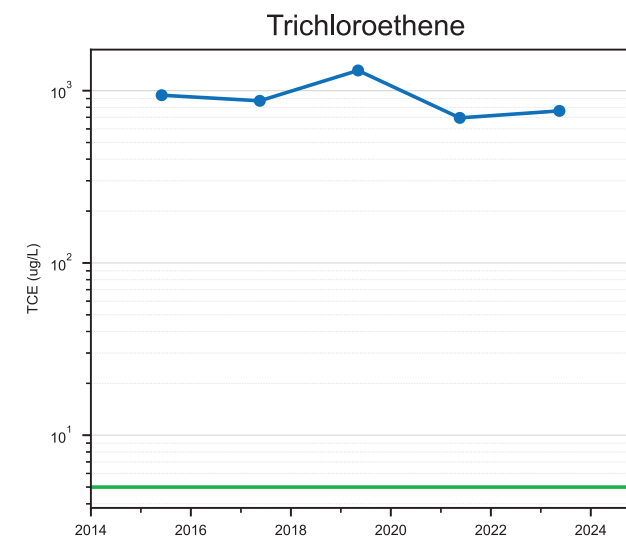
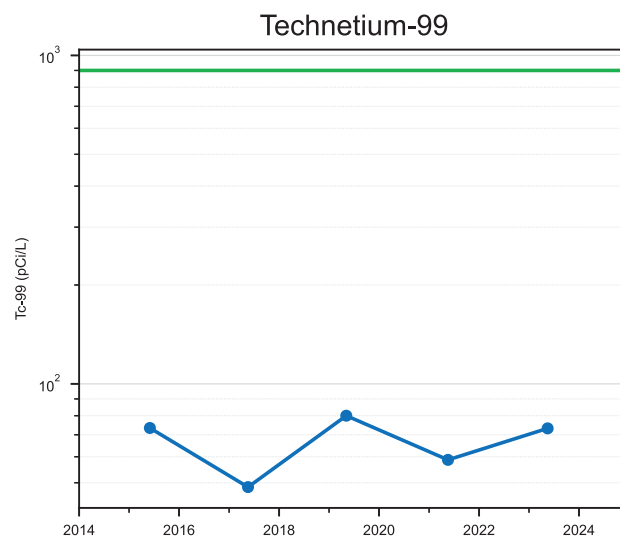
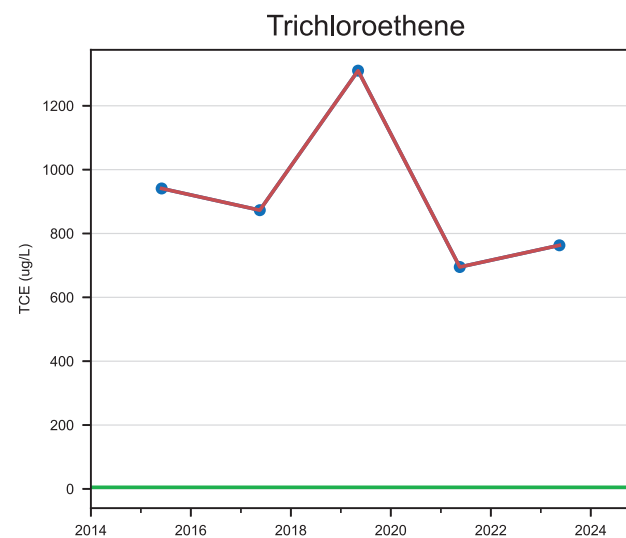
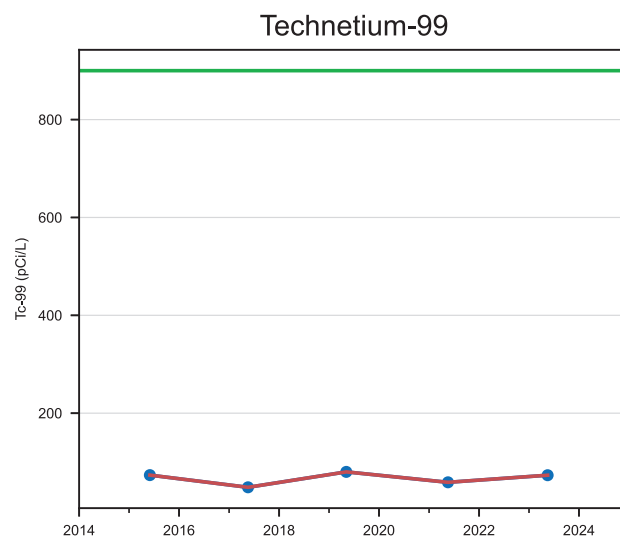
Source: Trend_Plots_V1.ipynb

Figure 134. Tc-99 and TCE at MW411 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
06/02/2015	73.4	941.0
05/19/2017	48.5	873.0
05/07/2019	80.0	1310.0
05/19/2021	58.7	695.0
05/17/2023	73.2	763.0

Notes:

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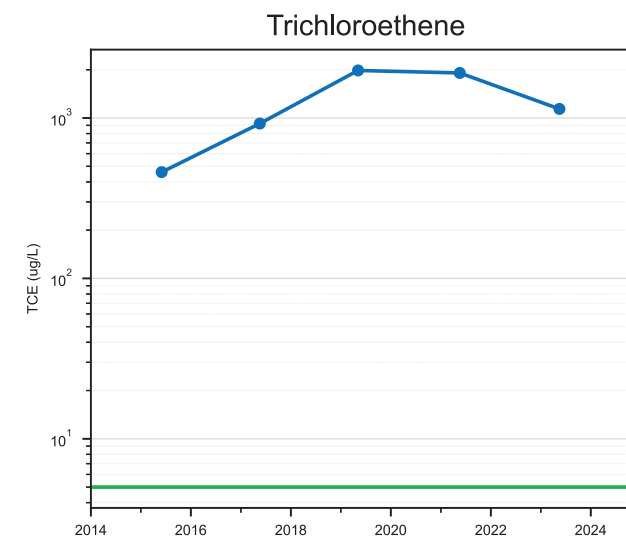
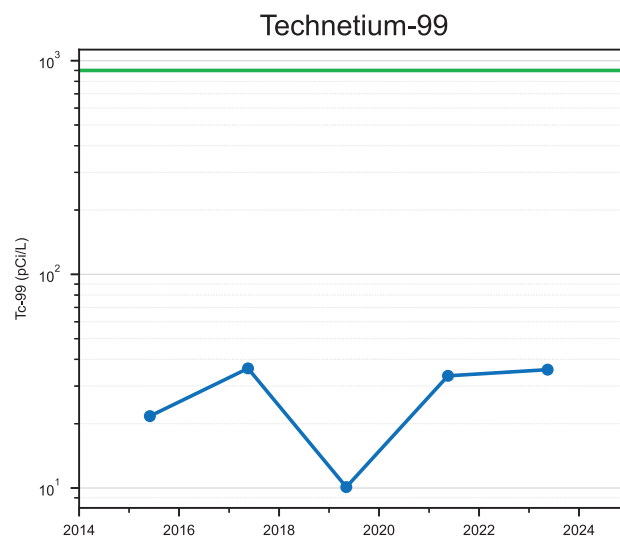
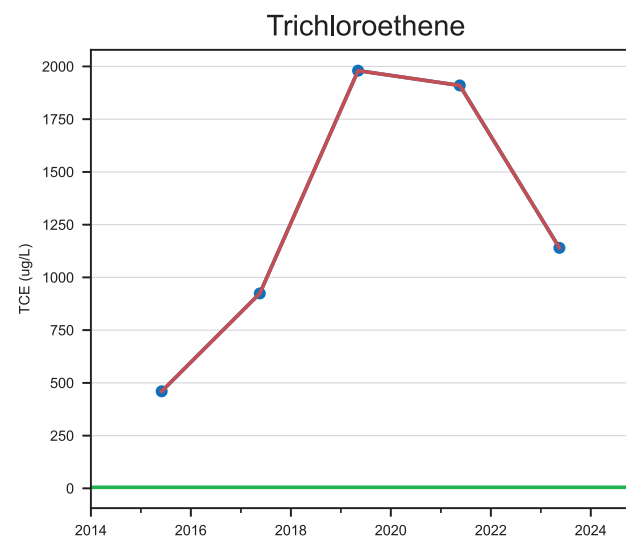
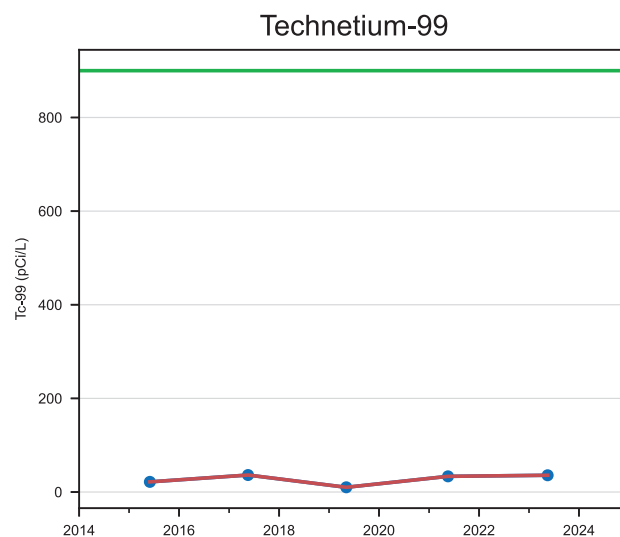
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Figure 135. Tc-99 and TCE at MW414 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
06/02/2015	< 21.7	460.0
05/19/2017	36.3	924.0
05/07/2019	< 10.1	1980.0
05/19/2021	33.5	1910.0
05/17/2023	35.8	1140.0

Notes:

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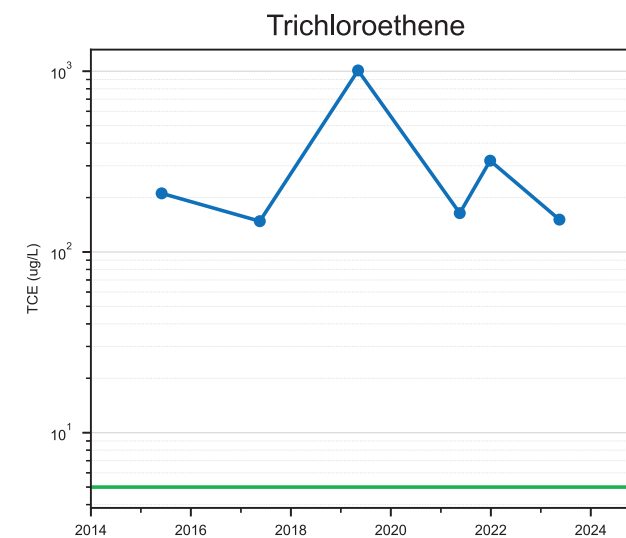
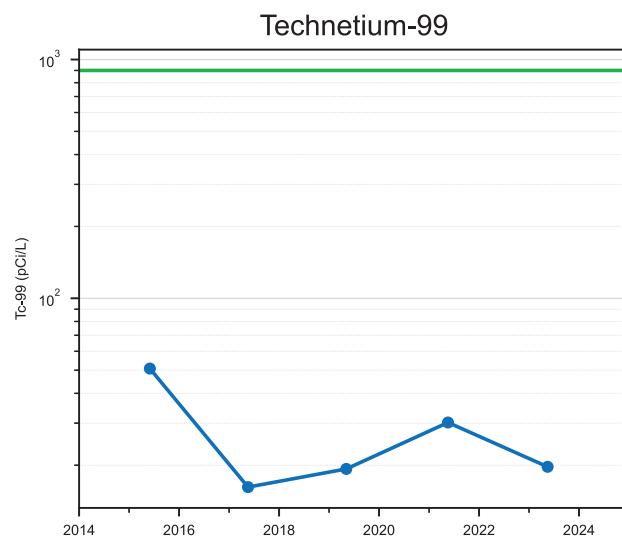
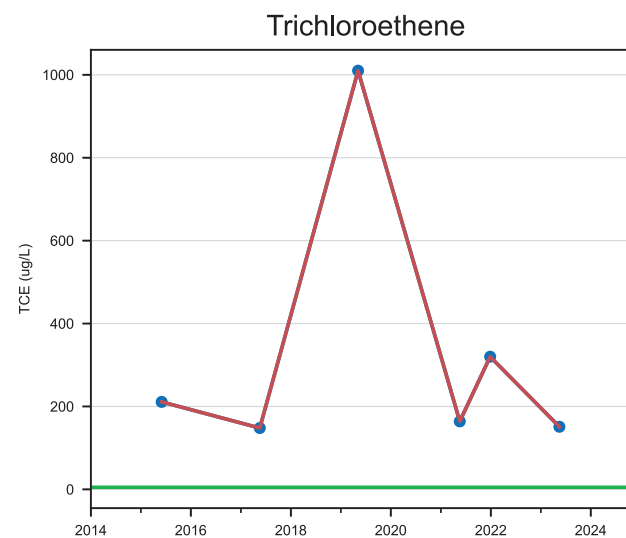
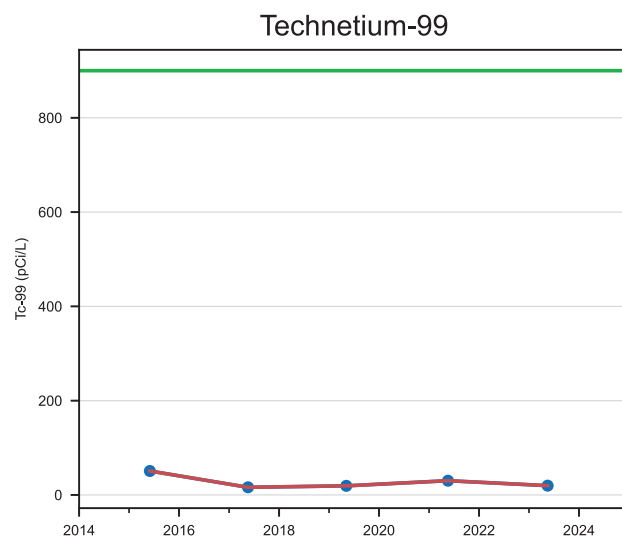
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Figure 136. Tc-99 and TCE at MW415 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
06/02/2015	50.8	211.0
05/19/2017	< 16.2	148.0
05/07/2019	19.3	1010.0
05/19/2021	30.2	164.0
12/27/2021		320.0
05/17/2023	19.7	151.0

Notes:

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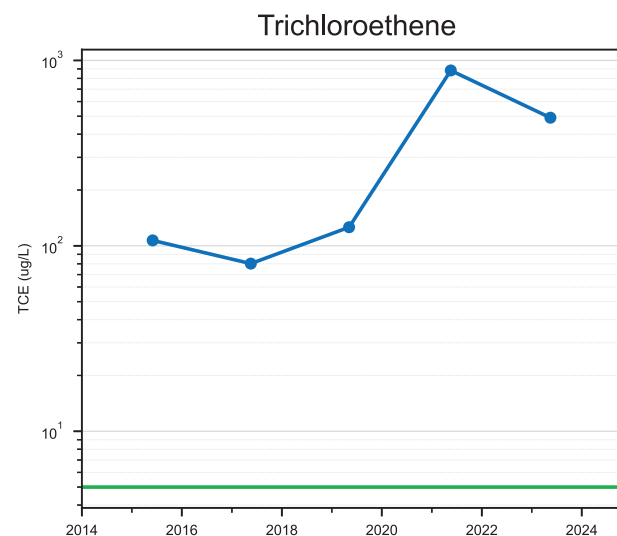
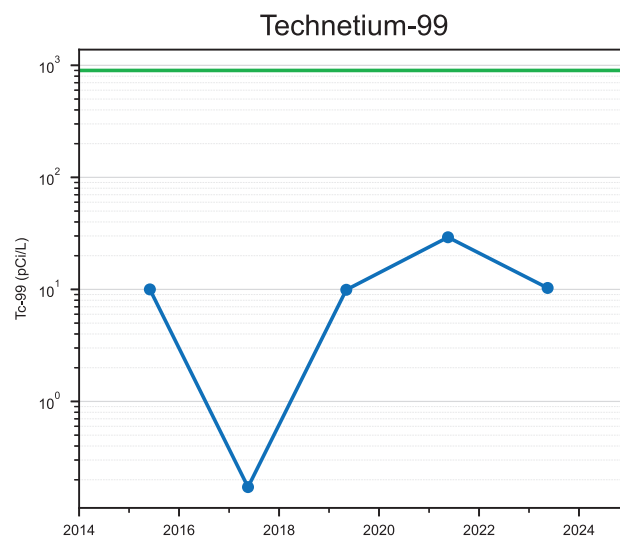
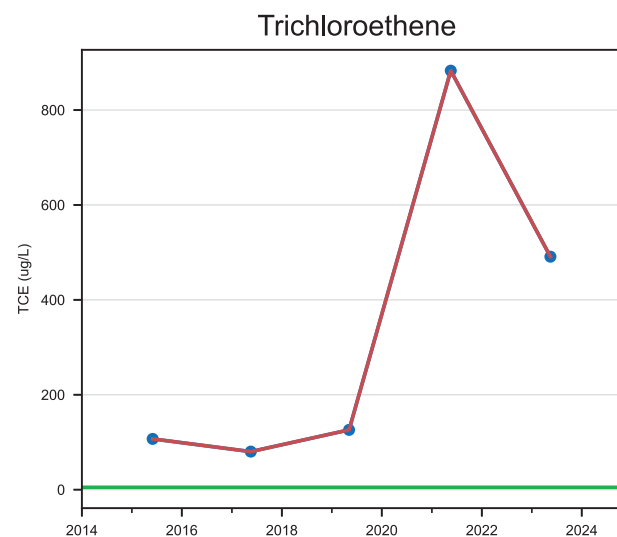
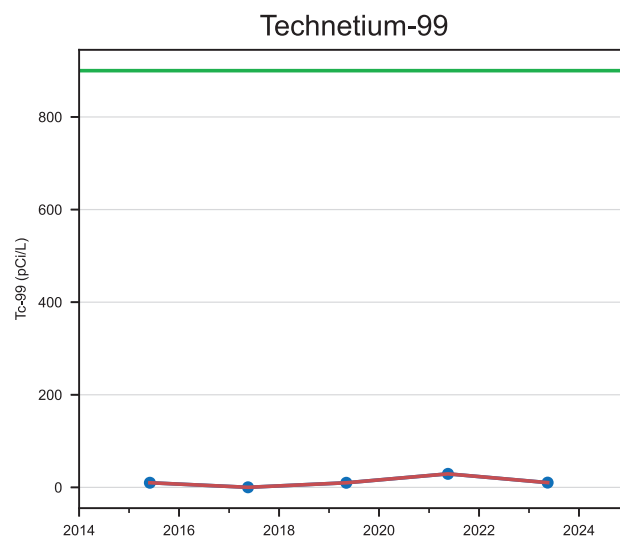
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Figure 137. Tc-99 and TCE at MW416 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
06/02/2015	< 10.0	107.0
05/19/2017	< 0.172	80.2
05/07/2019	< 9.92	126.0
05/19/2021	29.2	883.0
05/17/2023	< 10.3	491.0

Notes:

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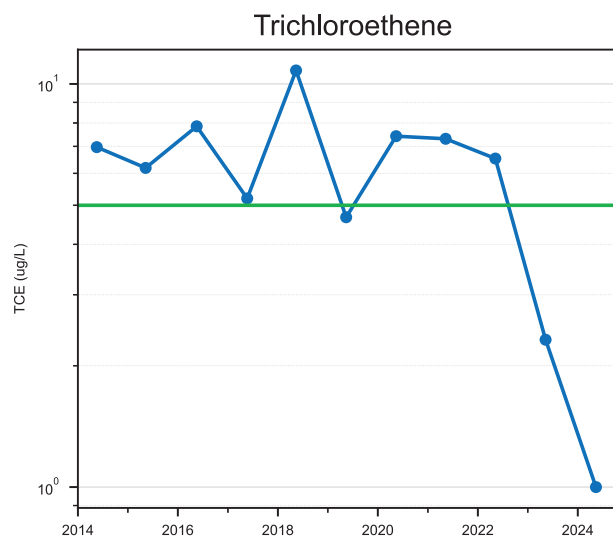
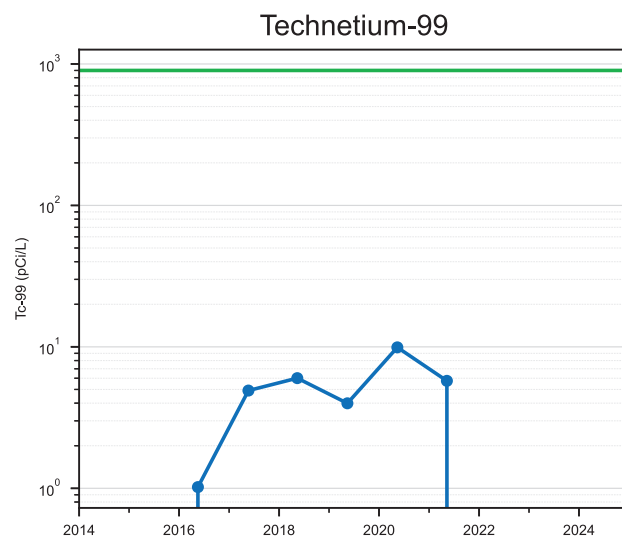
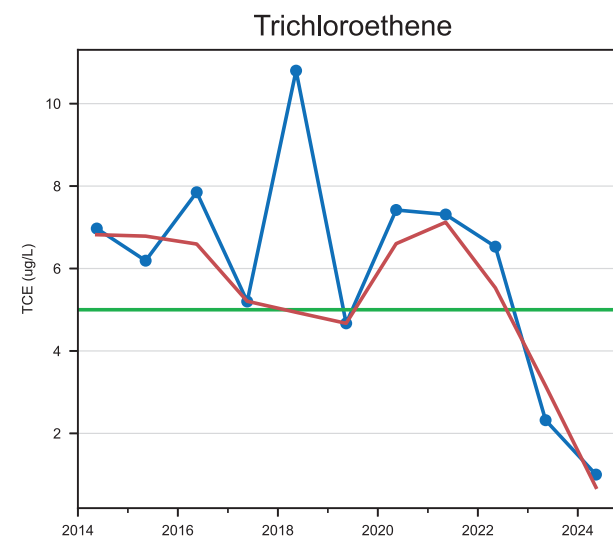
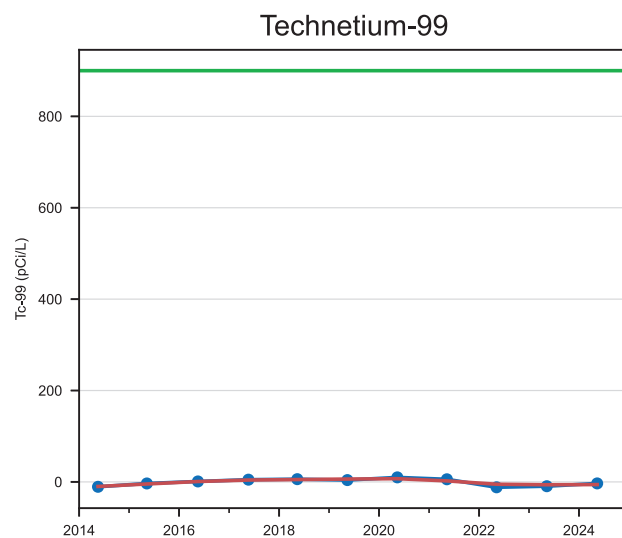
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Figure 138. Tc-99 and TCE at MW417 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/19/2014	< -10.7	6.97
05/11/2015	< -3.41	6.19
05/18/2016	< 1.02	7.85
05/22/2017	< 4.91	5.2
05/14/2018	< 6.01	10.8
05/15/2019	< 3.99	4.67
05/14/2020	< 9.92	7.42
05/11/2021	< 5.75	7.31
05/09/2022	< -11.8	6.53
05/11/2023	< -9.43	2.32
05/13/2024	< -3.29	< 1.0

Notes:

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Figure 139. Tc-99 and TCE at MW418 (MRGA)

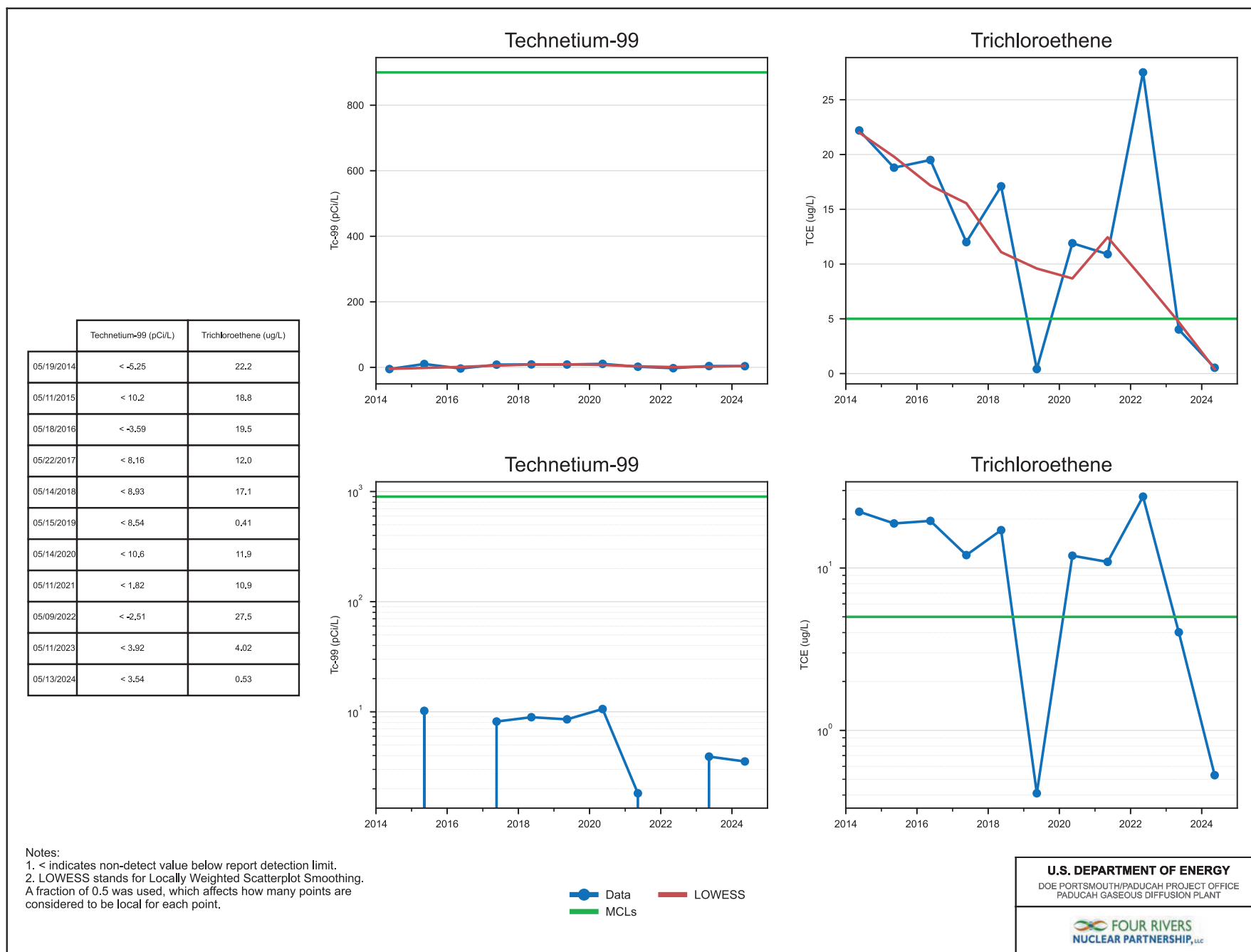


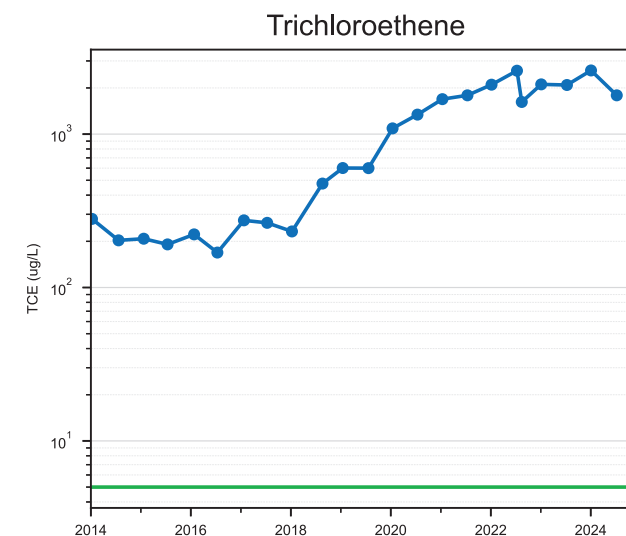
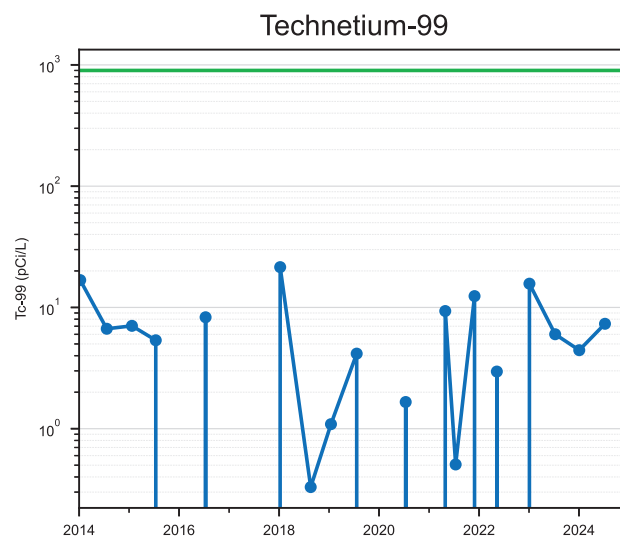
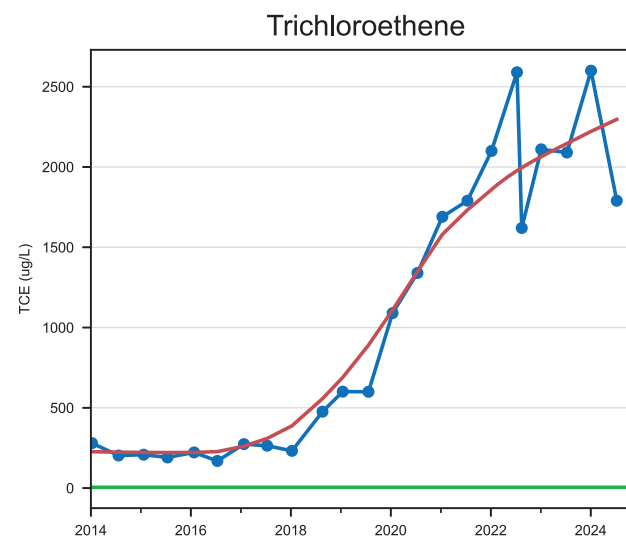
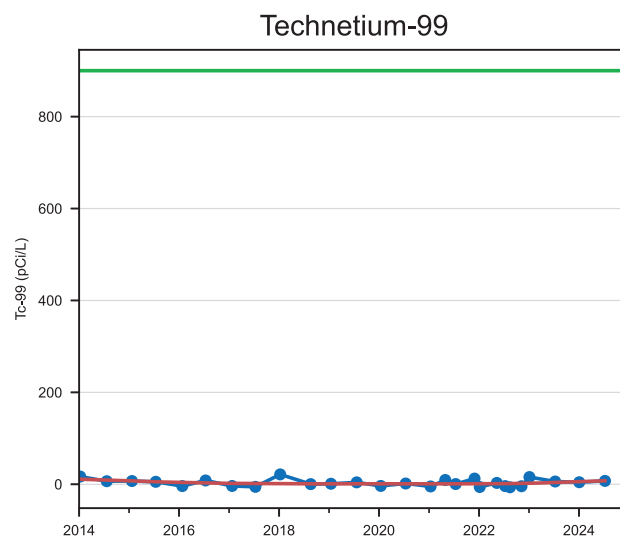
Figure 140. Tc-99 and TCE at MW419 (LRGA)

Source: Trend_Plots_V1.ipynb

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/09/2014	16.8	280.0
07/22/2014	< 6.67	203.0
01/22/2015	< 7.05	208.0
07/15/2015	< 5.36	191.0
01/25/2016	< 3.91	222.0
07/13/2016	< 8.3	169.0
01/23/2017	< 3.67	274.0
07/12/2017	< 5.59	264.0
01/09/2018	21.5	232.0
08/20/2018	< 0.33	476.0
01/15/2019	< 1.09	601.0
07/22/2019	< 4.16	600.0
01/14/2020	< 3.61	1090.0
07/14/2020	< 1.66	1340.0
01/12/2021	< 4.74	1690.0
04/29/2021	< 9.34	
07/14/2021	< 0.507	1790.0
11/29/2021	< 12.4	
01/06/2022	< 5.91	2100.0
05/11/2022	< 2.96	
07/11/2022	< 4.0	2590.0
08/15/2022	< 6.58	1620.0
11/07/2022	< 4.28	
01/04/2023	< 15.7	2110.0
07/11/2023	< 6.01	2090.0
01/03/2024	< 4.44	2600.0
07/09/2024	< 7.33	1790.0

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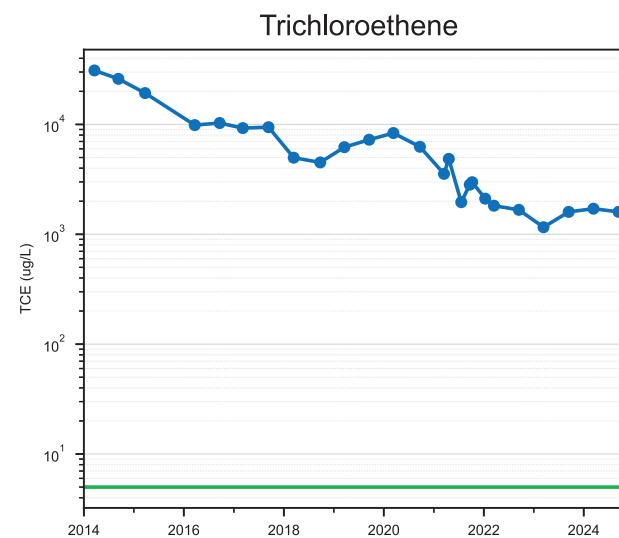
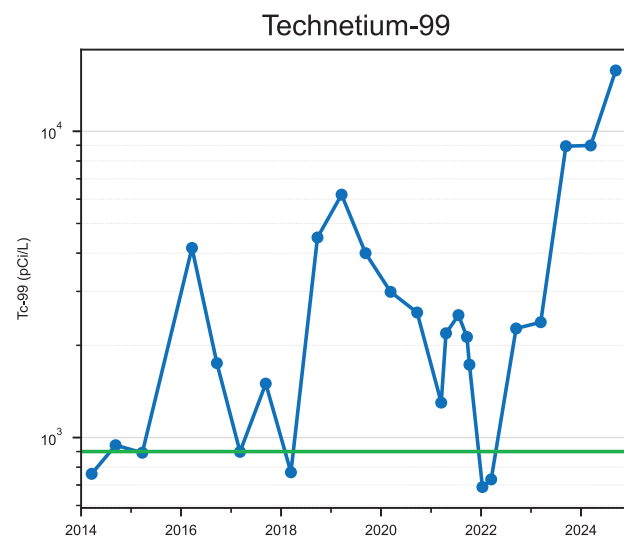
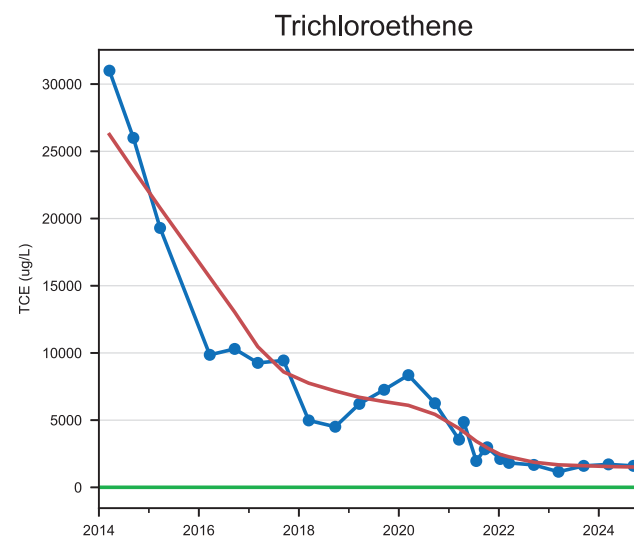
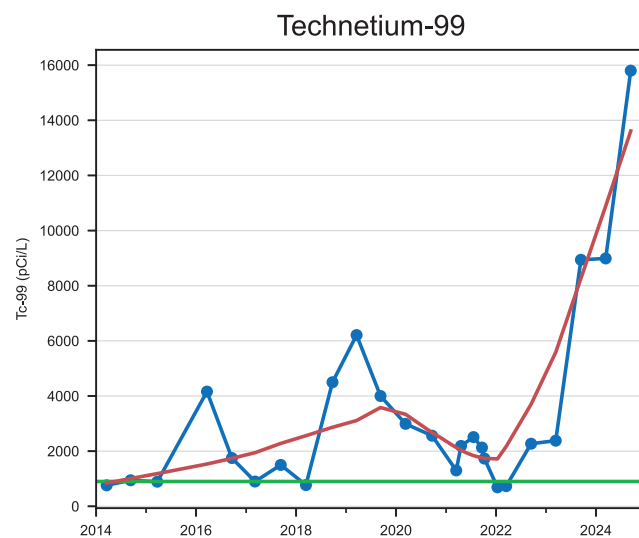
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Figure 141. Tc-99 and TCE at MW420 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/19/2014	761.0	31000.0
09/10/2014	944.0	26000.0
03/24/2015	892.0	19300.0
03/21/2016	4160.0	9860.0
09/19/2016	1750.0	10300.0
03/07/2017	898.0	9260.0
09/11/2017	1500.0	9440.0
03/14/2018	770.0	4980.0
09/24/2018	4500.0	4510.0
03/19/2019	6210.0	6210.0
09/10/2019	4000.0	
09/16/2019		7260.0
03/11/2020	2990.0	8350.0
09/21/2020	2560.0	6260.0
03/16/2021	1300.0	3550.0
04/20/2021	2190.0	4860.0
07/20/2021	2510.0	1960.0
09/20/2021	2130.0	2830.0
10/08/2021	1730.0	2980.0
01/11/2022	689.0	2110.0
03/16/2022	730.0	1820.0
09/14/2022	2270.0	1670.0
03/13/2023	2380.0	1160.0
09/13/2023	8940.0	1600.0
03/12/2024	8990.0	1710.0
09/11/2024	15800.0	1600.0

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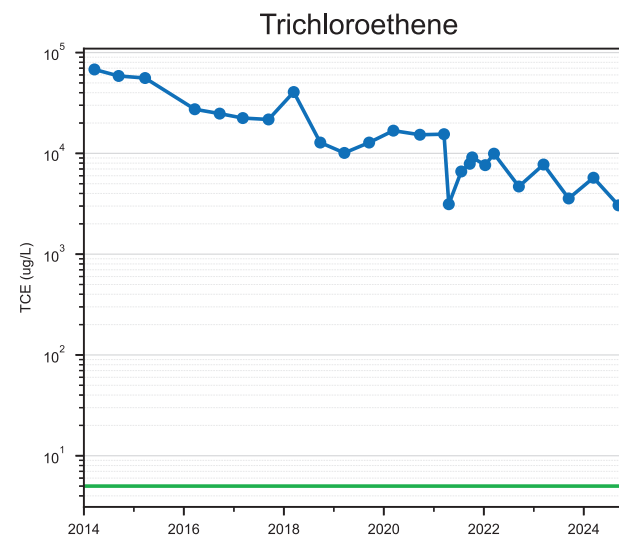
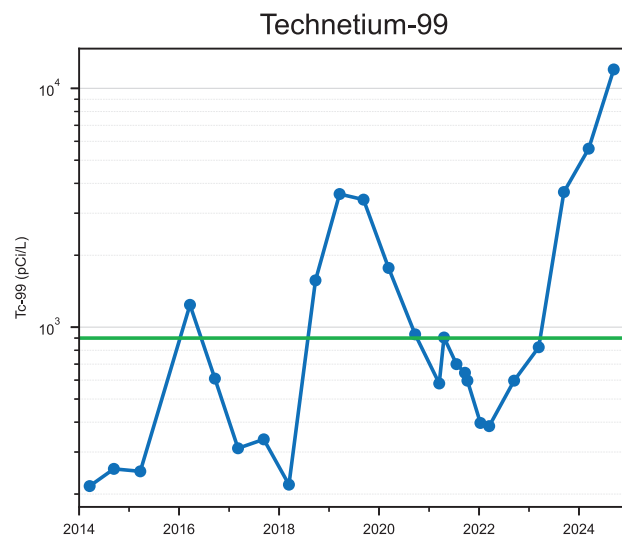
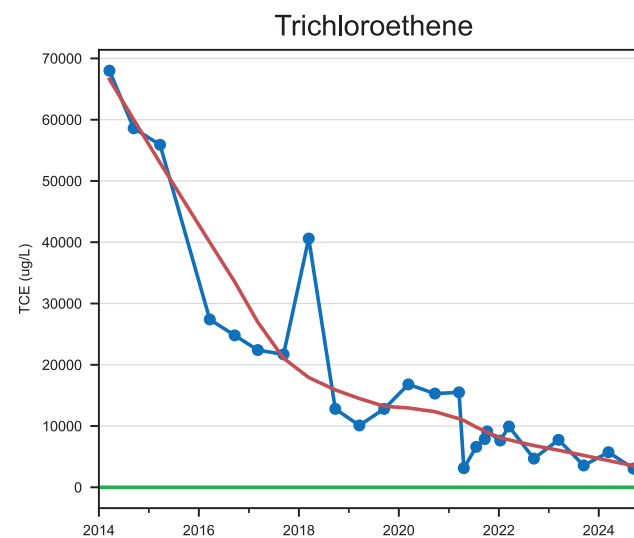
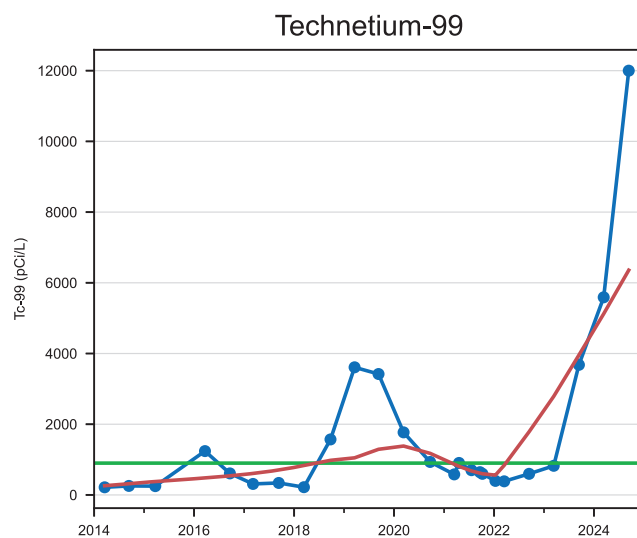
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Figure 142. Tc-99 and TCE at MW421-PRT1 (RGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/19/2014	216.0	68000.0
09/12/2014	255.0	58600.0
03/24/2015	249.0	55900.0
03/21/2016	1240.0	27400.0
09/19/2016	609.0	24800.0
03/07/2017	311.0	22400.0
09/11/2017	339.0	21700.0
03/14/2018	219.0	40600.0
09/24/2018	1570.0	12800.0
03/19/2019	3610.0	10100.0
09/10/2019	3420.0	
09/16/2019		12800.0
03/11/2020	1770.0	16800.0
09/21/2020	933.0	15300.0
03/16/2021	581.0	15500.0
04/20/2021	905.0	3130.0
07/20/2021	700.0	6610.0
09/20/2021	644.0	7880.0
10/08/2021	597.0	9120.0
01/11/2022	397.0	7640.0
03/16/2022	385.0	9930.0
09/14/2022	597.0	4690.0
03/13/2023	824.0	7750.0
09/13/2023	3680.0	3570.0
03/12/2024	5590.0	5730.0
09/11/2024	12000.0	3050.0

Notes:

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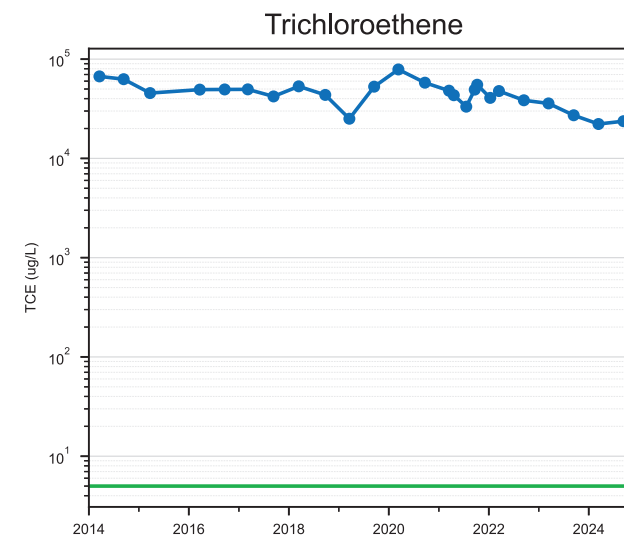
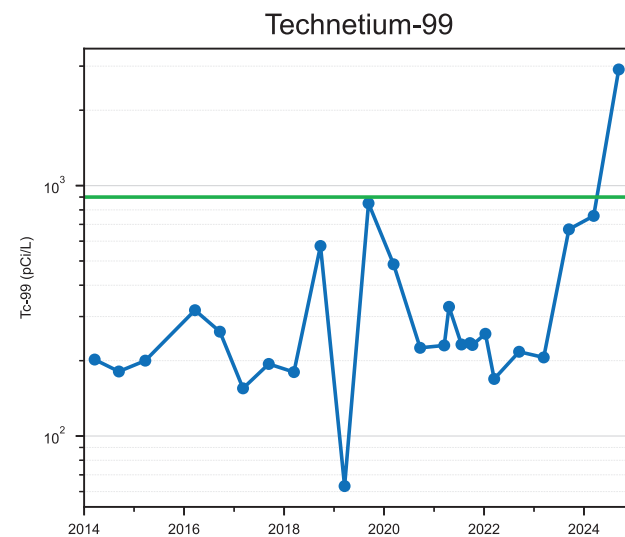
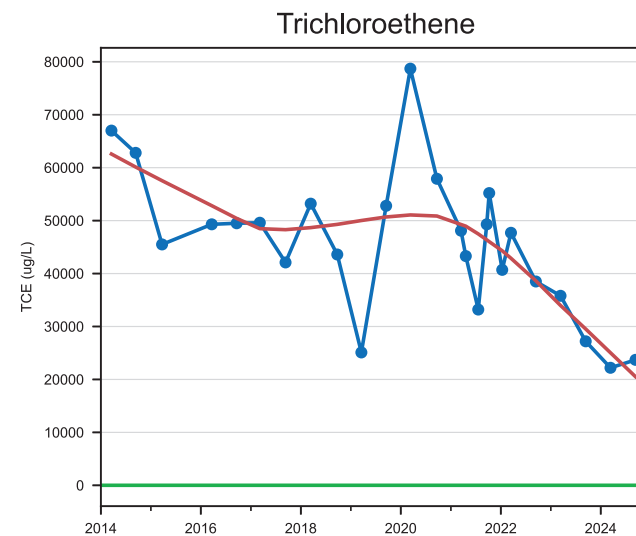
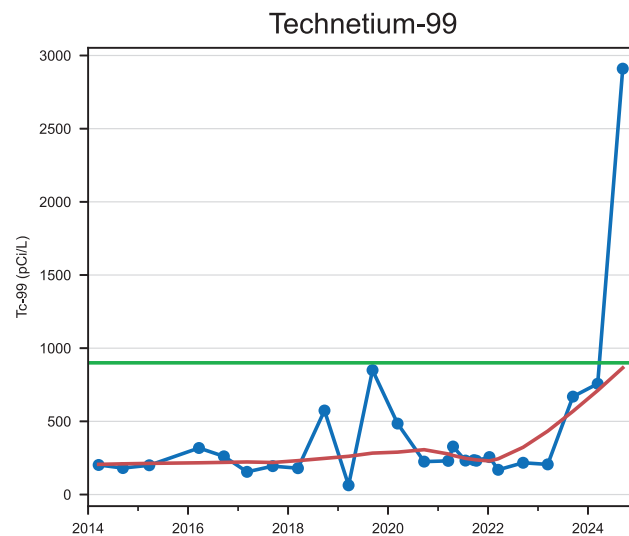
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Figure 143. Tc-99 and TCE at MW421-PRT2 (RGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/19/2014	202.0	67000.0
09/12/2014	181.0	62800.0
03/24/2015	200.0	45500.0
03/21/2016	318.0	49300.0
09/19/2016	261.0	49500.0
03/07/2017	155.0	49600.0
09/11/2017	194.0	42100.0
03/14/2018	180.0	53200.0
09/24/2018	574.0	43600.0
03/19/2019	63.1	25100.0
09/10/2019	850.0	
09/16/2019		52800.0
03/11/2020	485.0	78700.0
09/21/2020	225.0	57900.0
03/16/2021	230.0	48100.0
04/20/2021	328.0	43300.0
07/20/2021	232.0	33200.0
09/20/2021	235.0	49300.0
10/08/2021	231.0	55200.0
01/11/2022	256.0	40700.0
03/16/2022	169.0	47700.0
09/14/2022	217.0	38500.0
03/13/2023	206.0	35800.0
09/13/2023	669.0	27200.0
03/12/2024	757.0	22200.0
09/11/2024	2910.0	23700.0

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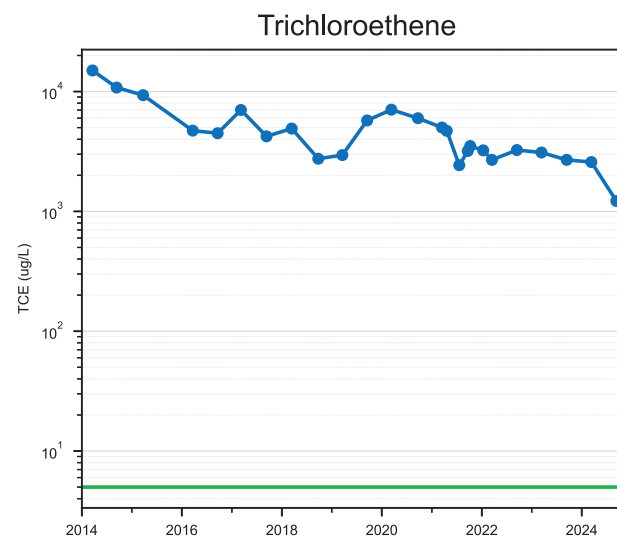
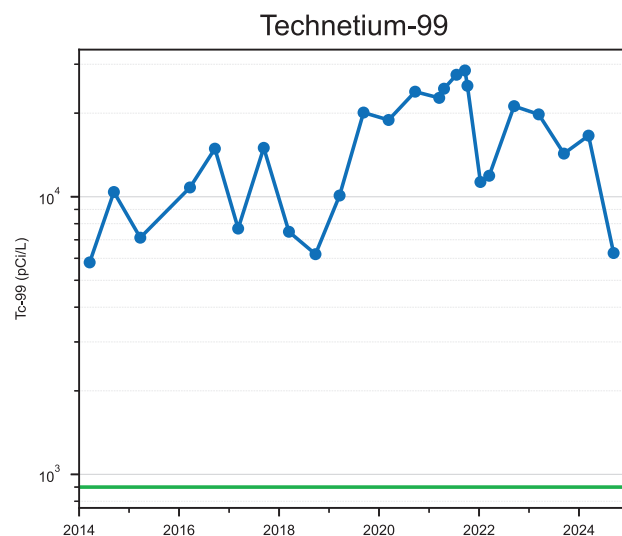
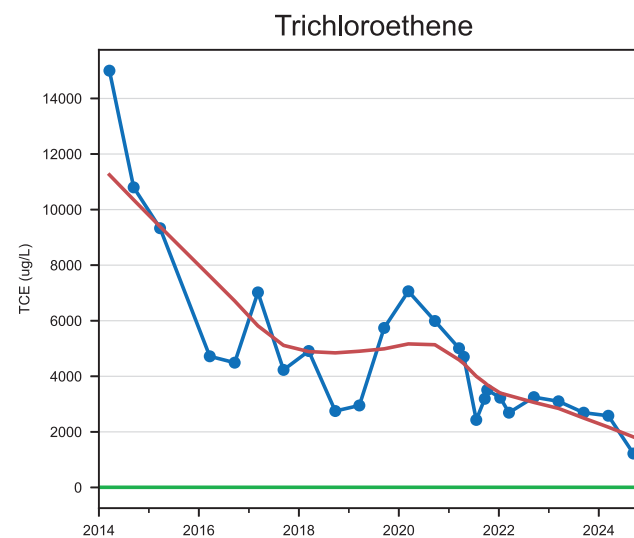
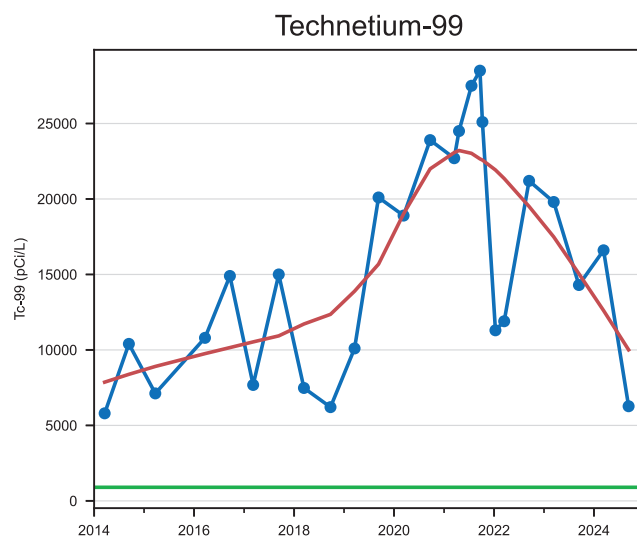
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Figure 144. Tc-99 and TCE at MW421-PRT3 (RGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/19/2014	5800.0	15000.0
09/12/2014	10400.0	10800.0
03/24/2015	7120.0	9330.0
03/21/2016	10800.0	4720.0
09/19/2016	14900.0	4490.0
03/08/2017	7680.0	7020.0
09/11/2017	15000.0	4230.0
03/14/2018	7480.0	4910.0
09/24/2018	6210.0	2750.0
03/19/2019	10100.0	2950.0
09/10/2019	20100.0	
09/16/2019		5740.0
03/11/2020	18900.0	7060.0
09/21/2020	23900.0	5990.0
03/16/2021	22700.0	5010.0
04/20/2021	24500.0	4700.0
07/20/2021	27500.0	2430.0
09/20/2021	28500.0	3190.0
10/08/2021	25100.0	3510.0
01/11/2022	11300.0	3230.0
03/16/2022	11900.0	2690.0
09/14/2022	21200.0	3250.0
03/13/2023	19800.0	3100.0
09/13/2023	14300.0	2690.0
03/11/2024	16600.0	2580.0
09/10/2024	6270.0	1220.0

Notes:

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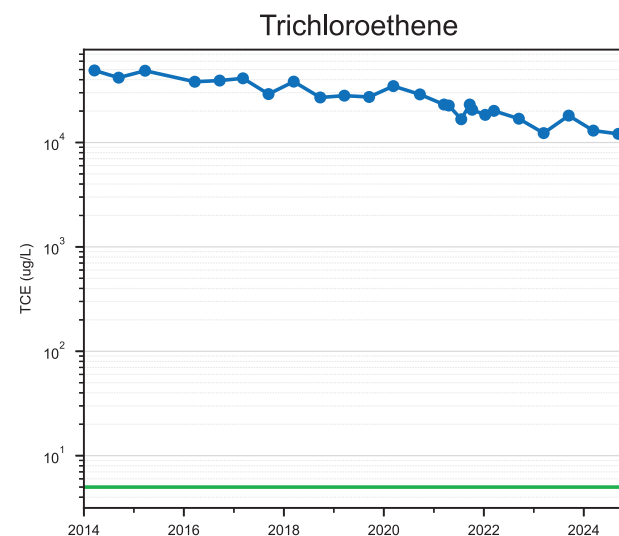
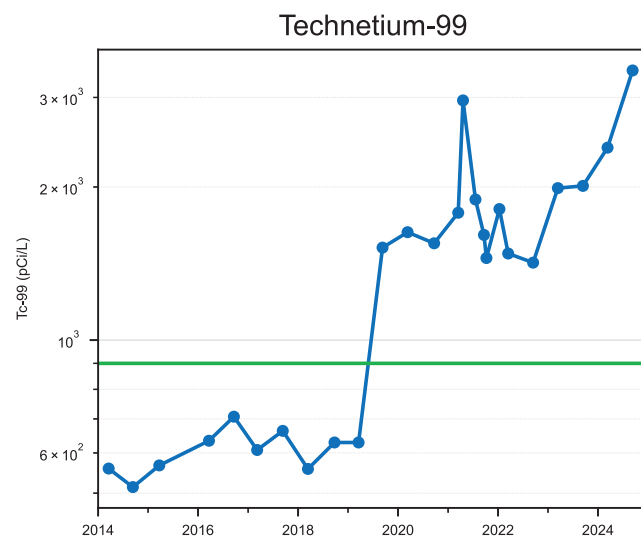
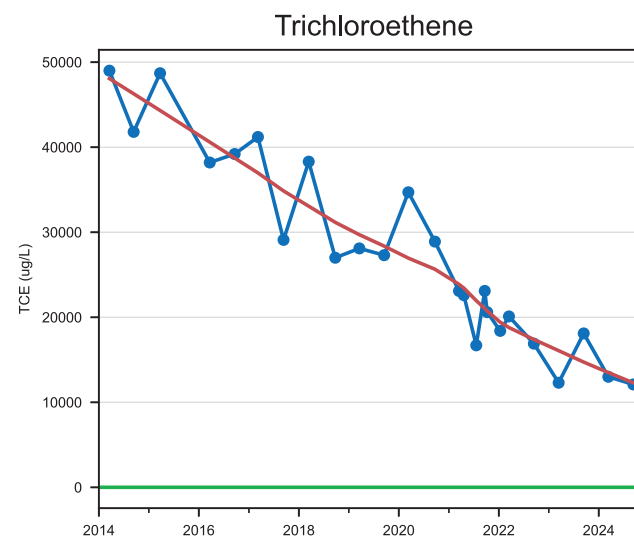
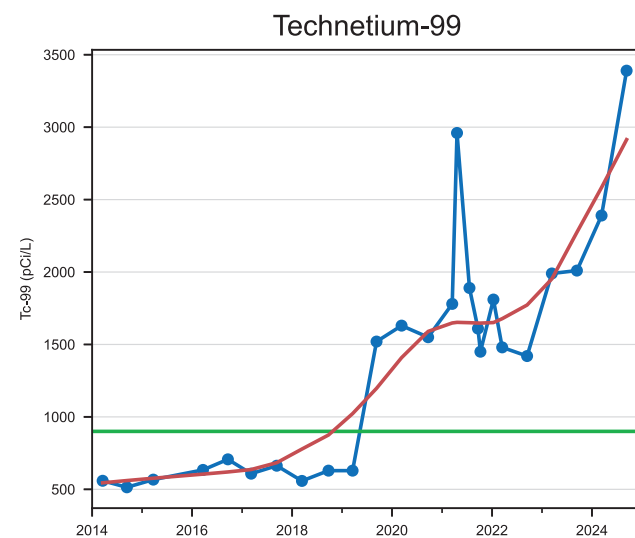
FOUR RIVERS
 NUCLEAR PARTNERSHIP, LLC

Figure 145. Tc-99 and TCE at MW422-PRT1 (RGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/19/2014	559.0	49000.0
09/12/2014	514.0	41800.0
03/24/2015	567.0	48700.0
03/21/2016	634.0	38200.0
09/19/2016	707.0	39200.0
03/08/2017	608.0	41200.0
09/11/2017	663.0	29100.0
03/14/2018	558.0	38300.0
09/24/2018	629.0	27000.0
03/19/2019	629.0	28100.0
09/10/2019	1520.0	
09/16/2019		27300.0
03/11/2020	1630.0	34700.0
09/21/2020	1550.0	28900.0
03/16/2021	1780.0	23100.0
04/20/2021	2960.0	22600.0
07/20/2021	1890.0	16700.0
09/20/2021	1610.0	23100.0
10/08/2021	1450.0	20600.0
01/11/2022	1810.0	18400.0
03/16/2022	1480.0	20100.0
09/14/2022	1420.0	16900.0
03/14/2023	1990.0	12300.0
09/13/2023	2010.0	18100.0
03/11/2024	2390.0	13000.0
09/10/2024	3390.0	12100.0

Notes:

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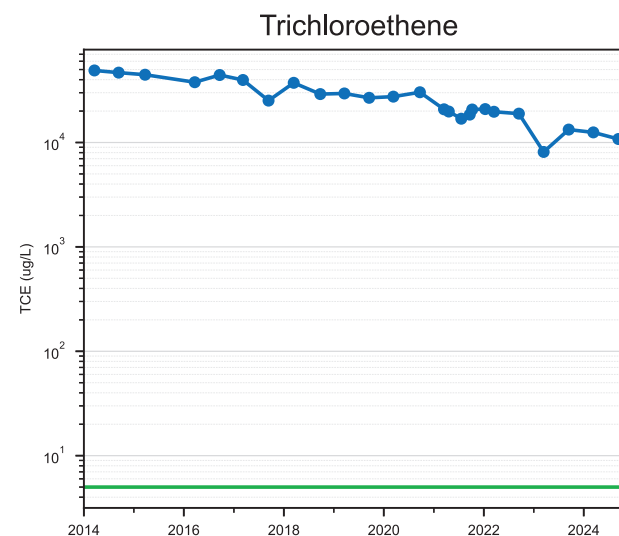
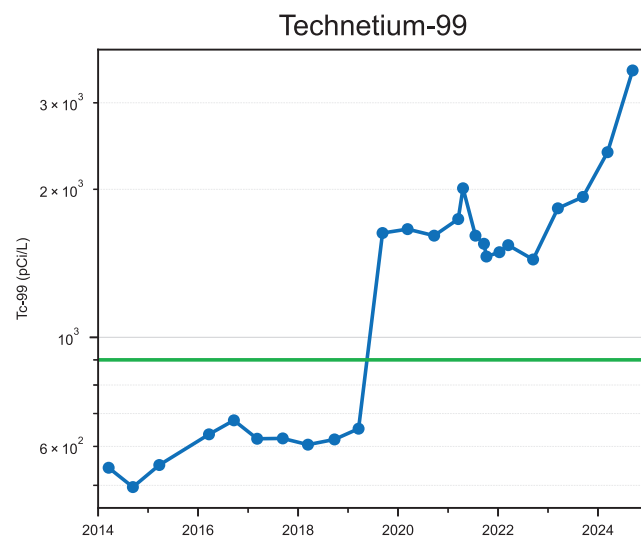
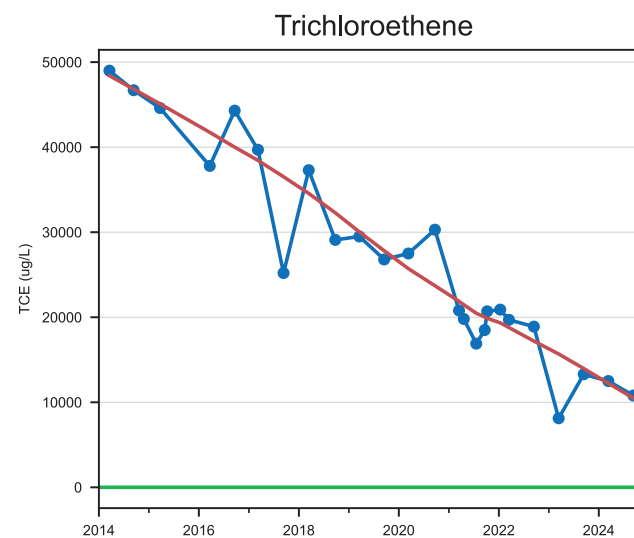
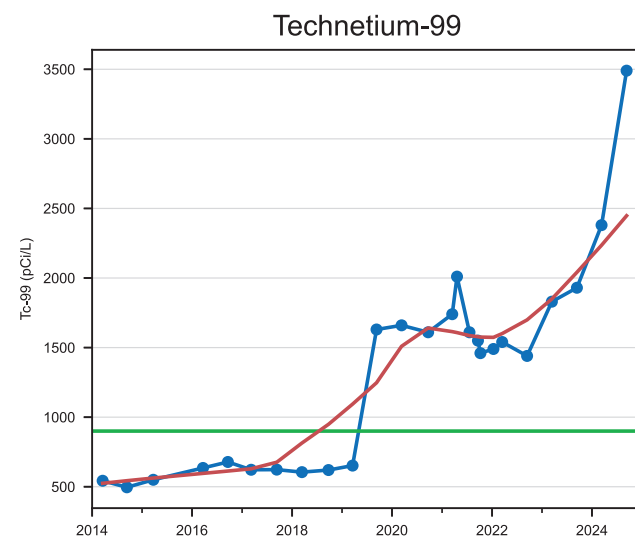
 **FOUR RIVERS**
 NUCLEAR PARTNERSHIP, LLC

Figure 146. Tc-99 and TCE at MW422-PRT2 (RGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/19/2014	543.0	49000.0
09/12/2014	496.0	46700.0
03/24/2015	550.0	44600.0
03/21/2016	635.0	37800.0
09/19/2016	678.0	44300.0
03/08/2017	622.0	39700.0
09/11/2017	623.0	25200.0
03/14/2018	605.0	37300.0
09/24/2018	620.0	29100.0
03/19/2019	652.0	29500.0
09/10/2019	1630.0	
09/16/2019		26800.0
03/11/2020	1660.0	27500.0
09/21/2020	1610.0	30300.0
03/16/2021	1740.0	20800.0
04/20/2021	2010.0	19800.0
07/20/2021	1610.0	16900.0
09/20/2021	1550.0	18500.0
10/08/2021	1460.0	20700.0
01/11/2022	1490.0	20900.0
03/16/2022	1540.0	19700.0
09/14/2022	1440.0	18900.0
03/14/2023	1830.0	8120.0
09/13/2023	1930.0	13300.0
03/11/2024	2380.0	12500.0
09/10/2024	3490.0	10800.0

Notes:

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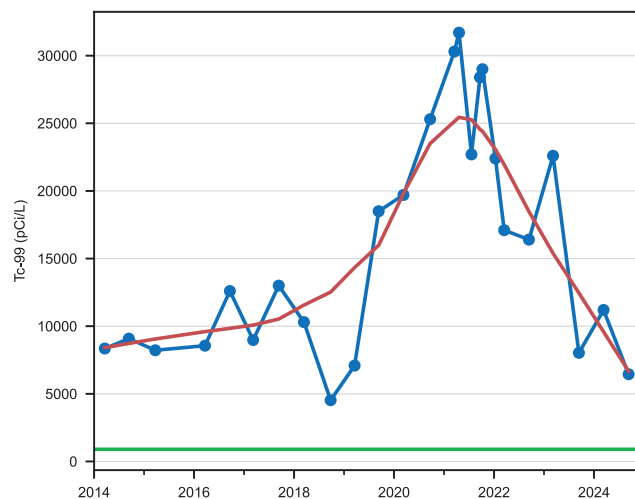
Figure 147. Tc-99 and TCE at MW422-PRT3 (RGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/20/2014	8350.0	13000.0
09/12/2014	9080.0	8980.0
03/24/2015	8220.0	8970.0
03/21/2016	8560.0	3350.0
09/19/2016	12600.0	4890.0
03/08/2017	8980.0	4520.0
09/11/2017	13000.0	3370.0
03/14/2018	10300.0	3410.0
09/25/2018	4530.0	2720.0
03/19/2019	7090.0	1980.0
09/11/2019	18500.0	
09/17/2019		2620.0
03/10/2020	19700.0	4180.0
09/21/2020	25300.0	4660.0
03/17/2021	30300.0	4010.0
04/20/2021	31700.0	4090.0
07/20/2021	22700.0	1600.0
09/20/2021	28400.0	3110.0
10/08/2021	29000.0	3490.0
01/11/2022	22400.0	3180.0
03/16/2022	17100.0	3120.0
09/13/2022	16400.0	2000.0
03/08/2023	22600.0	2530.0
09/13/2023	8030.0	1610.0
03/11/2024	11200.0	1820.0
09/10/2024	6450.0	893.0

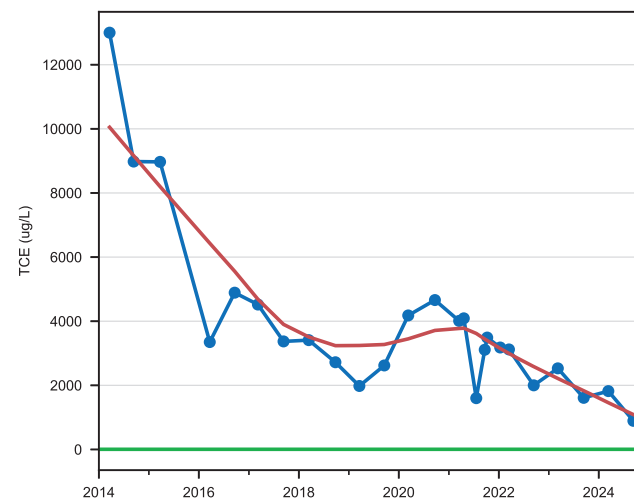
Notes:

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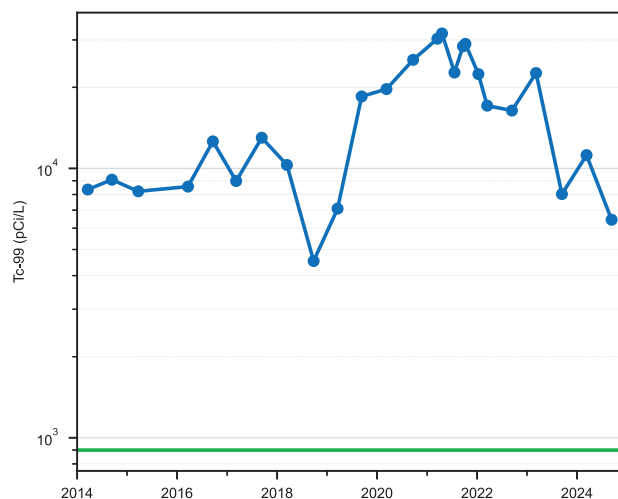
Technetium-99



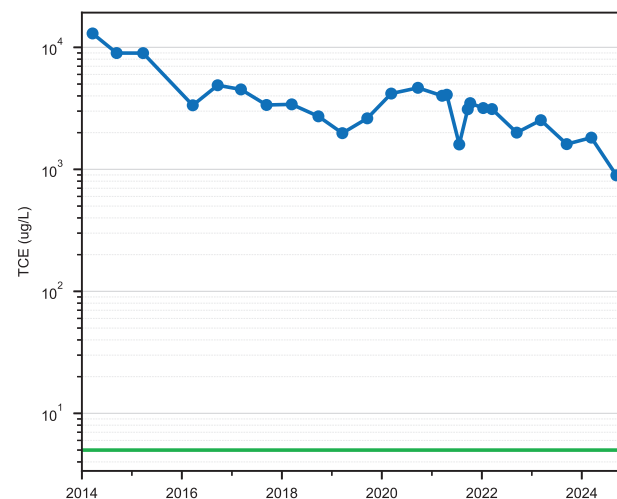
Trichloroethene



Technetium-99



Trichloroethene



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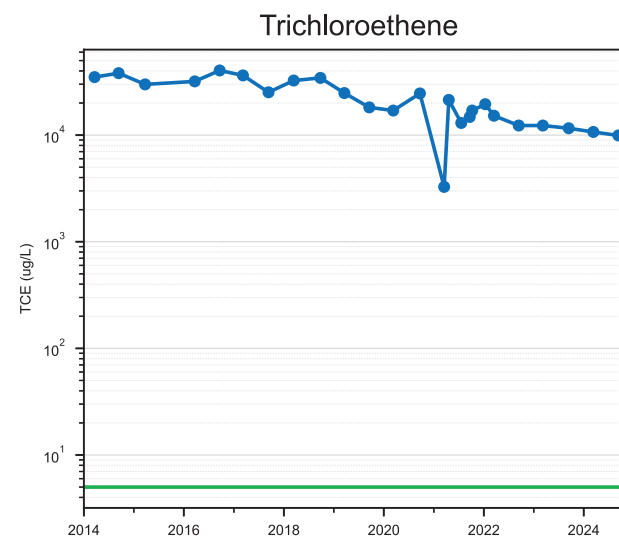
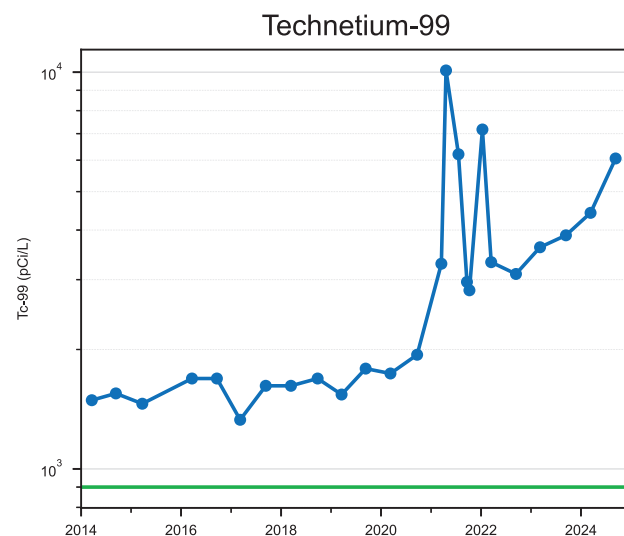
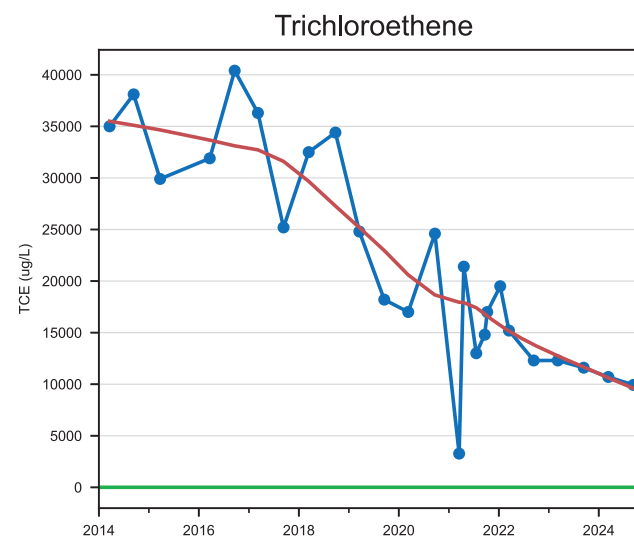
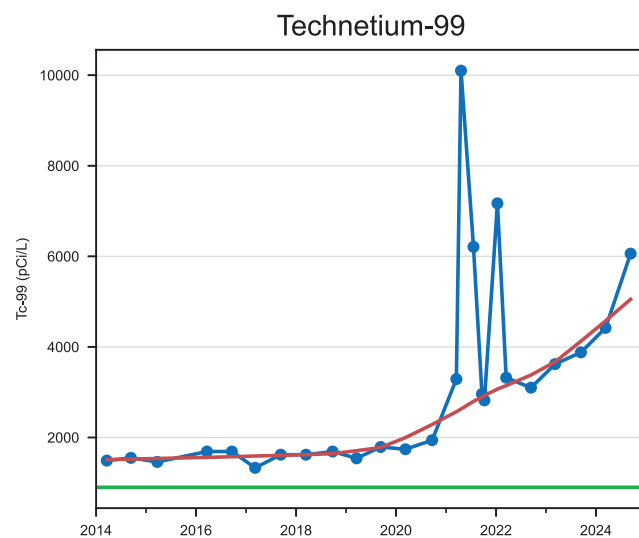
 FOUR RIVERS
NUCLEAR PARTNERSHIP, LLC

Figure 148. Tc-99 and TCE at MW423-PRT1 (RGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/20/2014	1490.0	35000.0
09/12/2014	1550.0	38100.0
03/24/2015	1460.0	29900.0
03/21/2016	1690.0	31900.0
09/19/2016	1690.0	40400.0
03/08/2017	1330.0	36300.0
09/11/2017	1620.0	25200.0
03/14/2018	1620.0	32500.0
09/25/2018	1690.0	34400.0
03/19/2019	1540.0	24800.0
09/11/2019	1790.0	
09/17/2019		18200.0
03/10/2020	1740.0	17000.0
09/21/2020	1940.0	24600.0
03/17/2021	3290.0	3270.0
04/20/2021	10100.0	21400.0
07/20/2021	6210.0	13000.0
09/20/2021	2960.0	14800.0
10/08/2021	2820.0	17000.0
01/11/2022	7170.0	19500.0
03/16/2022	3320.0	15200.0
09/13/2022	3100.0	12300.0
03/08/2023	3620.0	12300.0
09/13/2023	3880.0	11600.0
03/11/2024	4420.0	10700.0
09/10/2024	6060.0	9930.0

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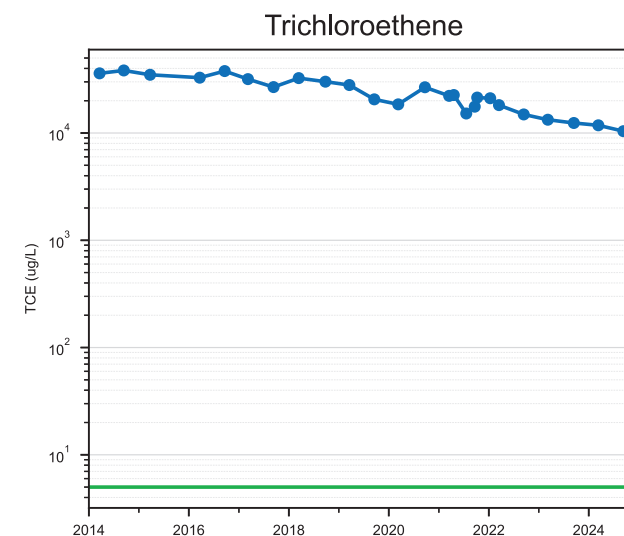
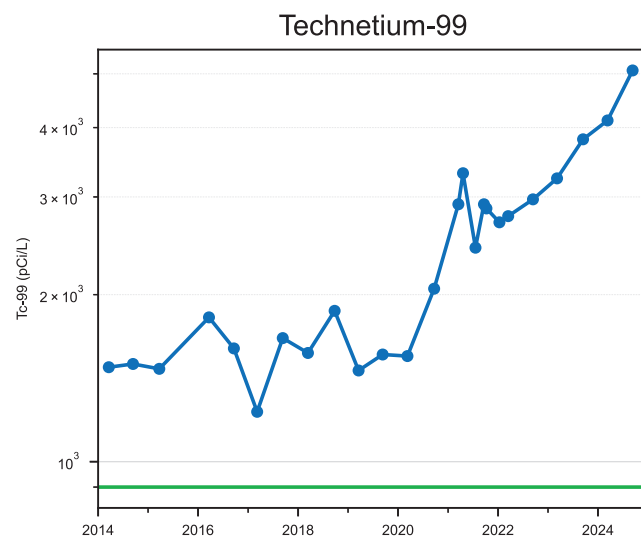
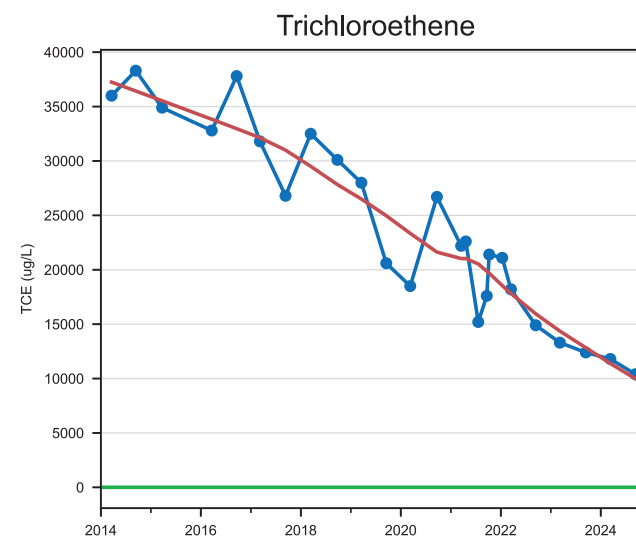
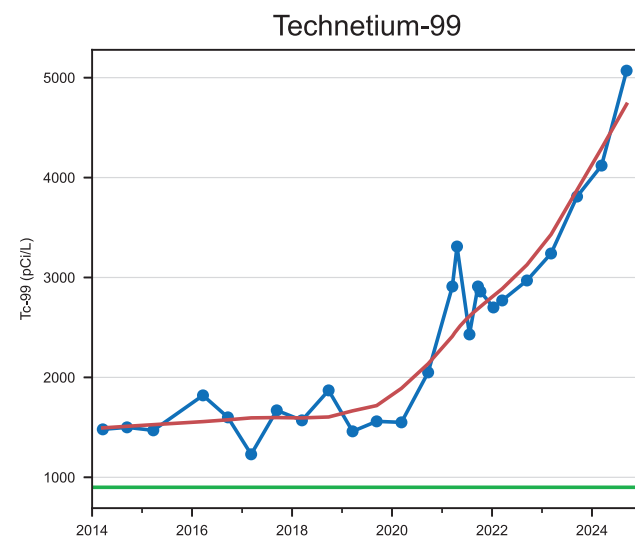
FOUR RIVERS
NUCLEAR PARTNERSHIP, LLC

Figure 149. Tc-99 and TCE at MW423-PRT2 (RGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/20/2014	1480.0	36000.0
09/13/2014	1500.0	38300.0
03/24/2015	1470.0	34900.0
03/21/2016	1820.0	32800.0
09/19/2016	1600.0	37800.0
03/08/2017	1230.0	31800.0
09/11/2017	1670.0	26800.0
03/14/2018	1570.0	32500.0
09/25/2018	1870.0	30100.0
03/19/2019	1460.0	28000.0
09/11/2019	1560.0	
09/17/2019		20600.0
03/10/2020	1550.0	18500.0
09/21/2020	2050.0	26700.0
03/17/2021	2910.0	22200.0
04/20/2021	3310.0	22600.0
07/20/2021	2430.0	15200.0
09/20/2021	2910.0	17600.0
10/08/2021	2860.0	21400.0
01/11/2022	2700.0	21100.0
03/16/2022	2770.0	18200.0
09/13/2022	2970.0	14900.0
03/08/2023	3240.0	13300.0
09/14/2023	3810.0	12400.0
03/11/2024	4120.0	11800.0
09/10/2024	5070.0	10400.0

Notes:

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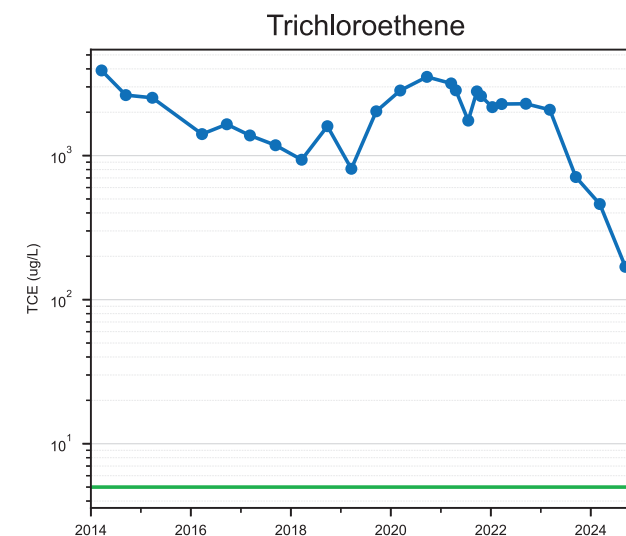
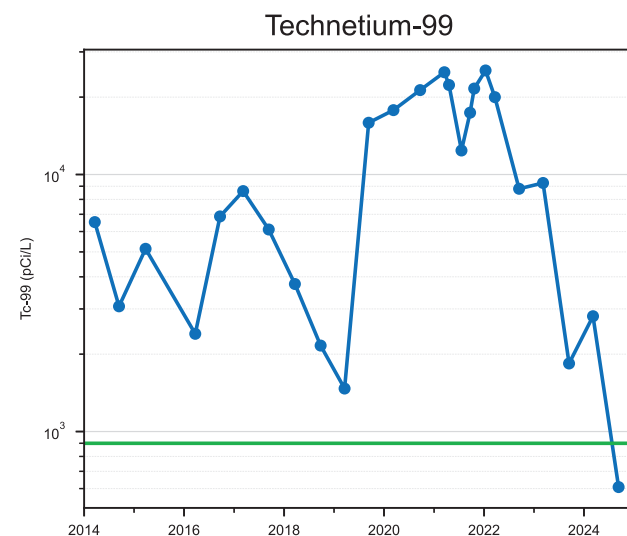
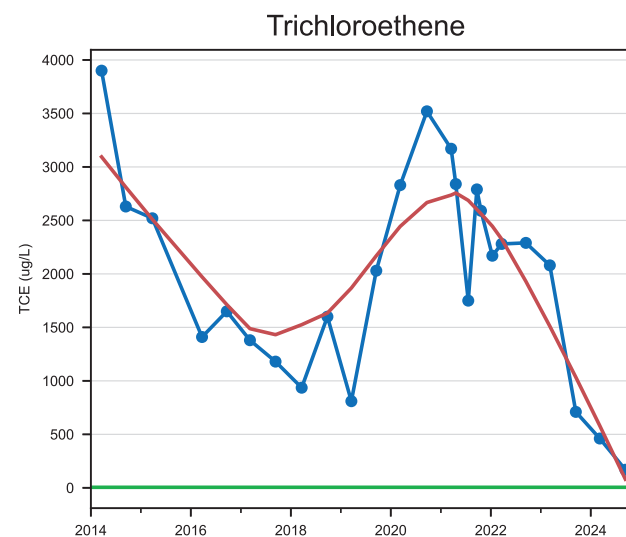
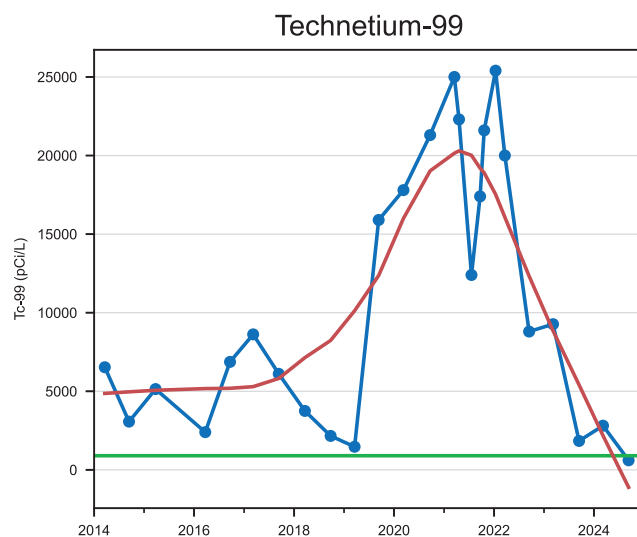
FOUR RIVERS
 NUCLEAR PARTNERSHIP, LLC

Figure 150. Tc-99 and TCE at MW423-PRT3 (RGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/20/2014	6530.0	3900.0
09/13/2014	3070.0	2630.0
03/26/2015	5140.0	2520.0
03/23/2016	2400.0	1410.0
09/20/2016	6870.0	1650.0
03/08/2017	8620.0	1380.0
09/11/2017	6110.0	1180.0
03/21/2018	3750.0	936.0
09/25/2018	2160.0	1600.0
03/19/2019	1470.0	810.0
09/11/2019	15900.0	
09/17/2019		2030.0
03/10/2020	17800.0	2830.0
09/21/2020	21300.0	3520.0
03/17/2021	25000.0	3170.0
04/20/2021	22300.0	2840.0
07/20/2021	12400.0	1750.0
09/21/2021	17400.0	2790.0
10/21/2021	21600.0	2590.0
01/12/2022	25400.0	2170.0
03/21/2022	20000.0	2280.0
09/14/2022	8800.0	2290.0
03/08/2023	9270.0	2080.0
09/14/2023	1840.0	710.0
03/07/2024	2810.0	461.0
09/10/2024	608.0	169.0

Notes:

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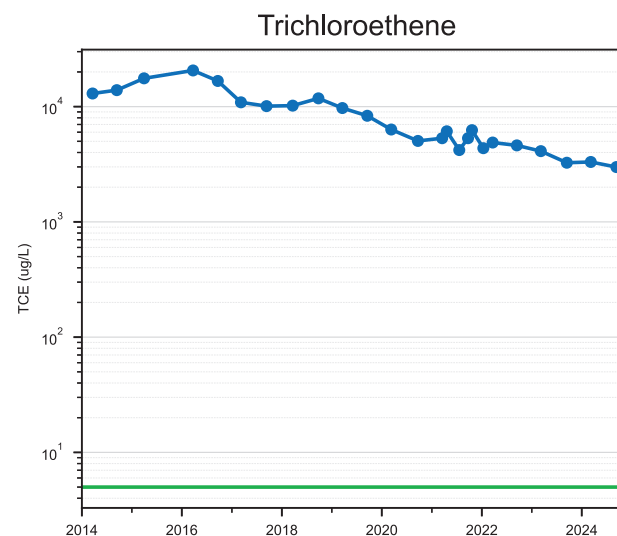
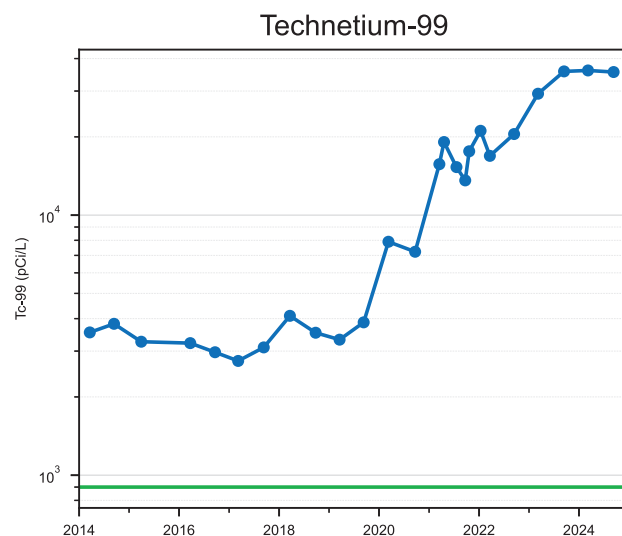
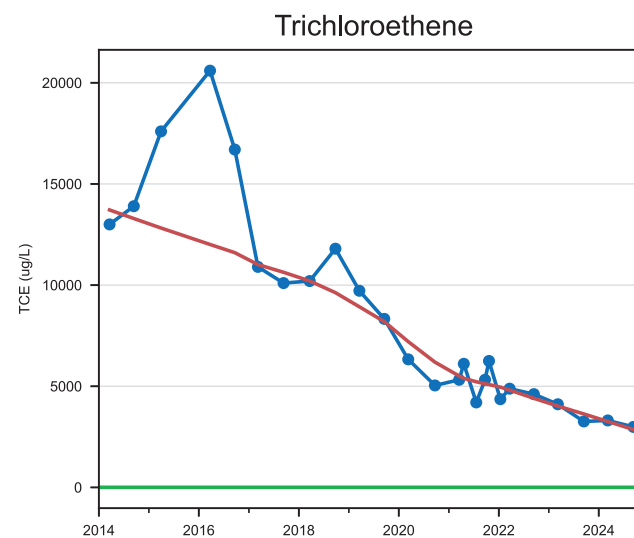
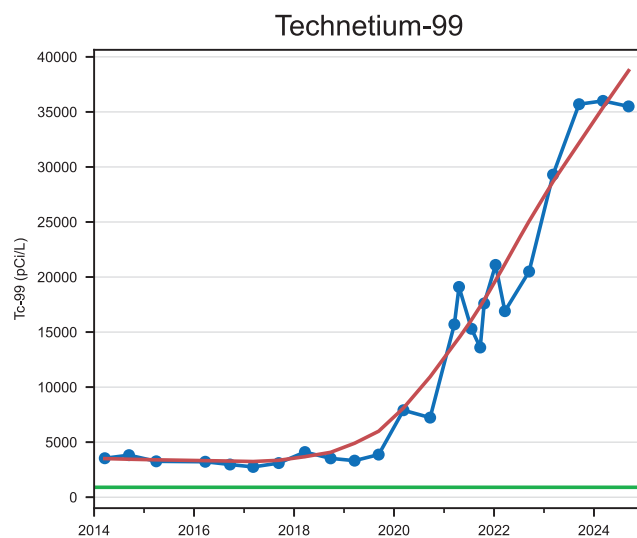
FOUR RIVERS
NUCLEAR PARTNERSHIP, LLC

Figure 151. Tc-99 and TCE at MW424-PRT1 (RGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/20/2014	3540.0	13000.0
09/13/2014	3820.0	13900.0
03/31/2015	3260.0	17600.0
03/23/2016	3220.0	20600.0
09/20/2016	2970.0	16700.0
03/08/2017	2750.0	10900.0
09/11/2017	3100.0	10100.0
03/21/2018	4100.0	10200.0
09/25/2018	3530.0	11800.0
03/19/2019	3320.0	9720.0
09/11/2019	3870.0	
09/17/2019		8330.0
03/10/2020	7900.0	6330.0
09/21/2020	7230.0	5040.0
03/17/2021	15700.0	5320.0
04/20/2021	19100.0	6110.0
07/20/2021	15300.0	4200.0
09/22/2021	13600.0	5320.0
10/21/2021	17600.0	6250.0
01/12/2022	21100.0	4360.0
03/21/2022	16900.0	4880.0
09/14/2022	20500.0	4610.0
03/08/2023	29300.0	4110.0
09/14/2023	35700.0	3260.0
03/07/2024	36000.0	3310.0
09/10/2024	35500.0	2990.0

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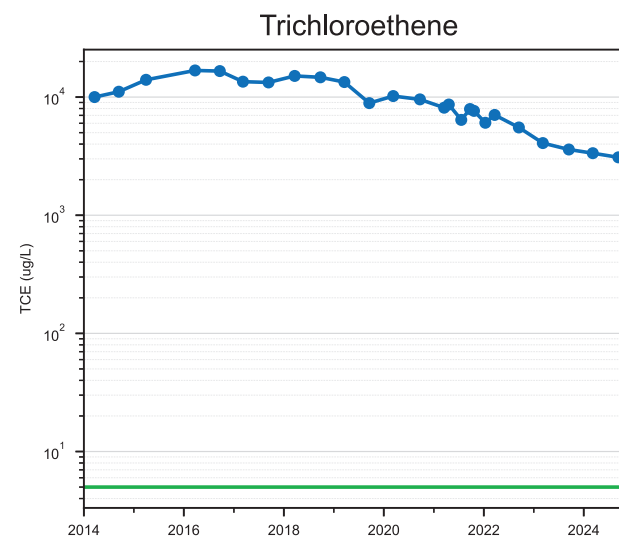
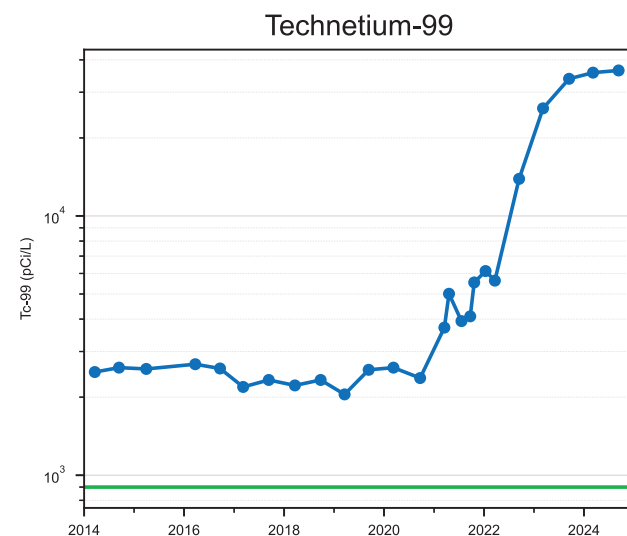
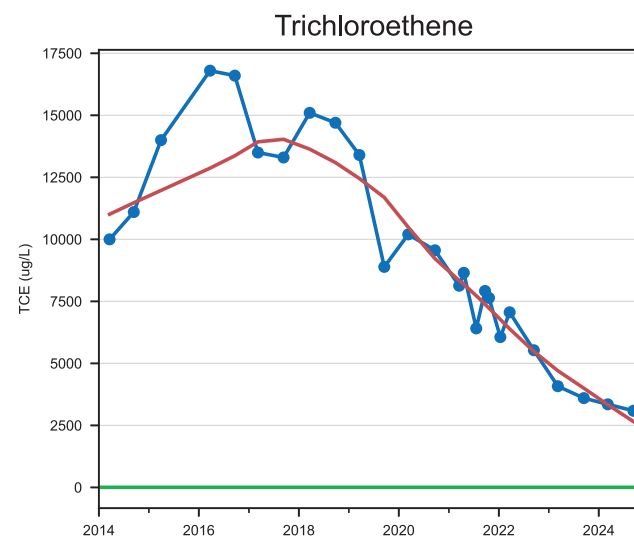
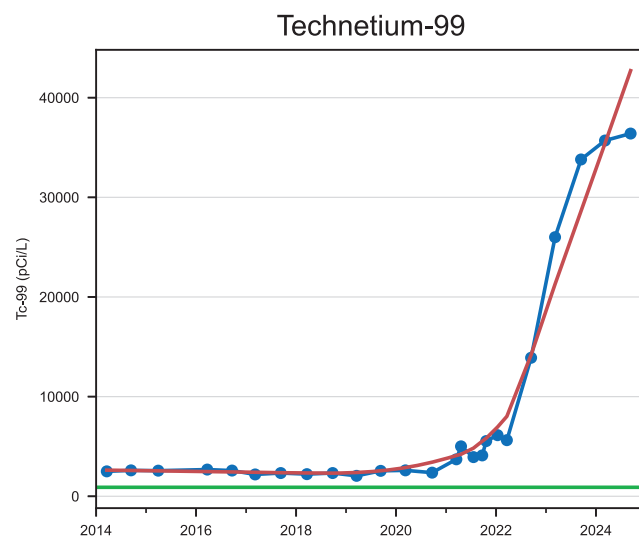
 **FOUR RIVERS**
 NUCLEAR PARTNERSHIP, LLC

Figure 152. Tc-99 and TCE at MW424-PRT2 (RGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/20/2014	2500.0	10000.0
09/13/2014	2600.0	11100.0
03/31/2015	2570.0	14000.0
03/23/2016	2680.0	16800.0
09/20/2016	2580.0	16600.0
03/08/2017	2190.0	13500.0
09/11/2017	2330.0	13300.0
03/21/2018	2220.0	15100.0
09/25/2018	2330.0	14700.0
03/19/2019	2050.0	13400.0
09/11/2019	2550.0	
09/17/2019		8890.0
03/10/2020	2600.0	10200.0
09/21/2020	2370.0	9560.0
03/17/2021	3710.0	8130.0
04/20/2021	5010.0	8650.0
07/20/2021	3930.0	6410.0
09/22/2021	4100.0	7920.0
10/21/2021	5540.0	7640.0
01/12/2022	6130.0	6060.0
03/21/2022	5630.0	7060.0
09/14/2022	13900.0	5530.0
03/08/2023	26000.0	4080.0
09/14/2023	33800.0	3600.0
03/07/2024	35700.0	3350.0
09/10/2024	36400.0	3090.0

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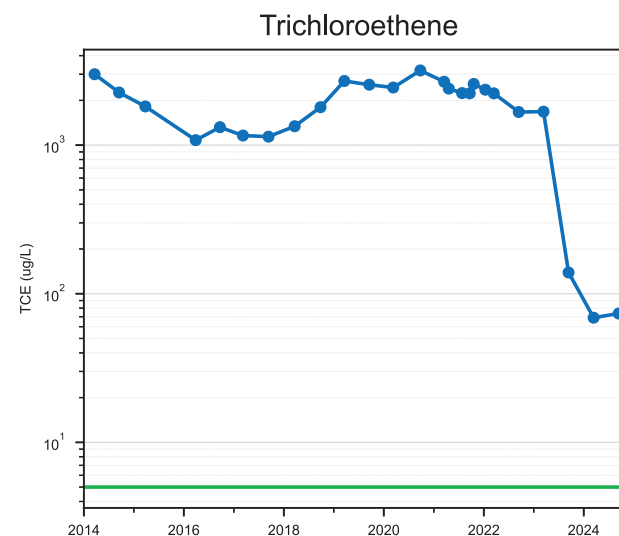
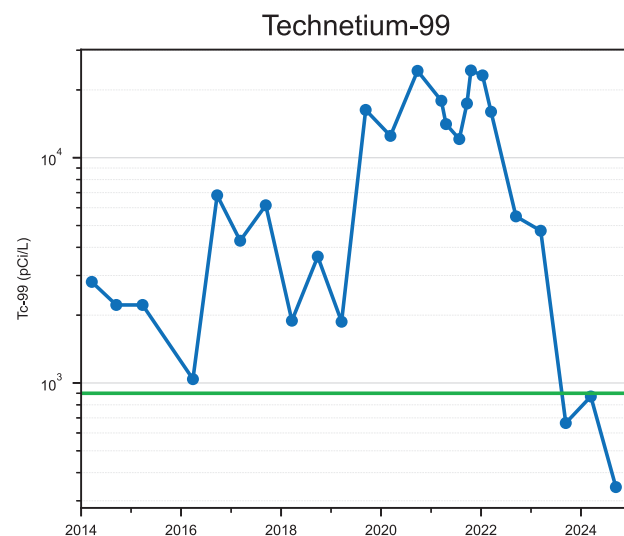
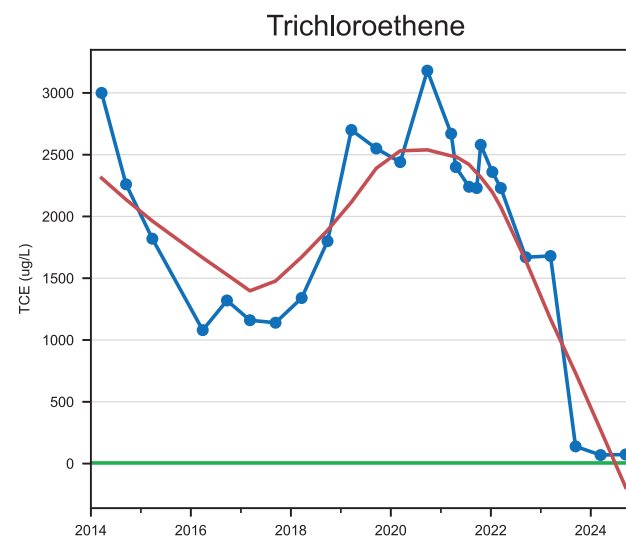
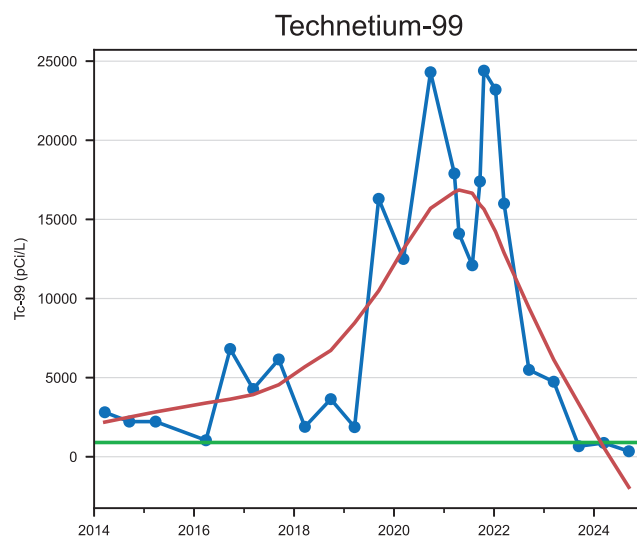
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Figure 153. Tc-99 and TCE at MW424-PRT3 (RGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/20/2014	2810.0	3000.0
09/15/2014	2220.0	2260.0
03/26/2015	2220.0	1820.0
03/28/2016	1040.0	1080.0
09/21/2016	6810.0	1320.0
03/08/2017	4280.0	1160.0
09/11/2017	6150.0	1140.0
03/21/2018	1890.0	1340.0
09/26/2018	3640.0	1800.0
03/19/2019	1870.0	2700.0
09/11/2019	16300.0	
09/17/2019		2550.0
03/10/2020	12500.0	2440.0
09/24/2020	24300.0	3180.0
03/17/2021	17900.0	2670.0
04/20/2021	14100.0	2400.0
07/26/2021	12100.0	2240.0
09/20/2021	17400.0	2230.0
10/19/2021	24400.0	2580.0
01/12/2022	23200.0	2360.0
03/15/2022	16000.0	2230.0
09/13/2022	5490.0	1670.0
03/13/2023	4740.0	1680.0
09/12/2023	664.0	139.0
03/13/2024	871.0	69.0
09/12/2024	345.0	73.6

Notes:

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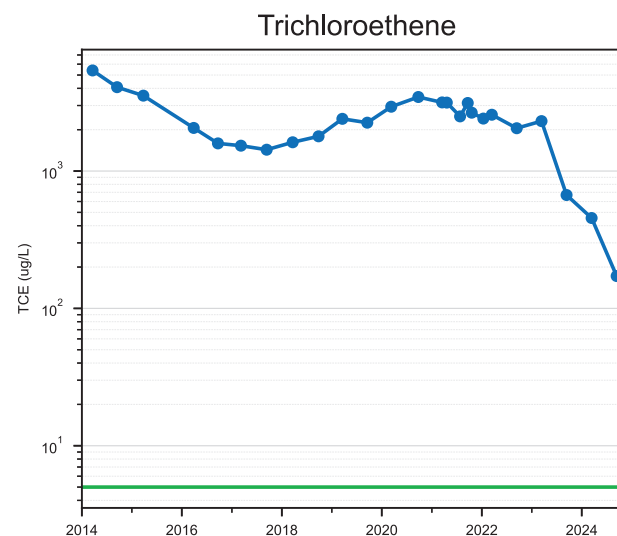
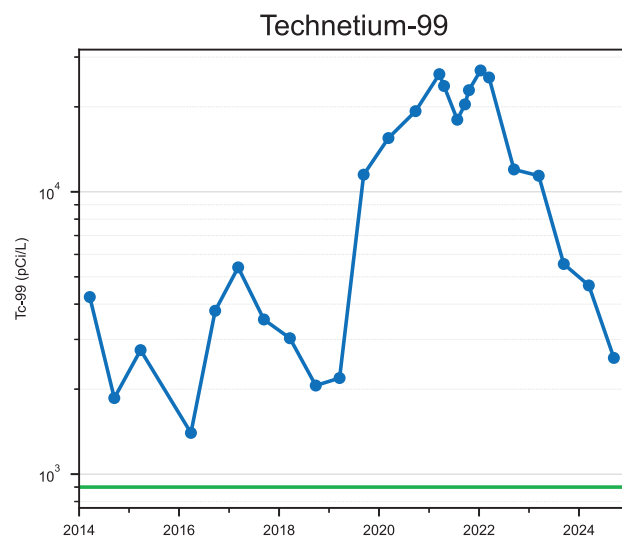
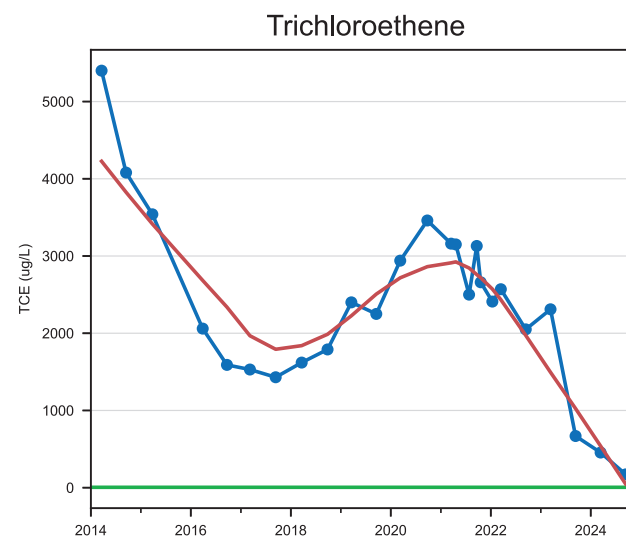
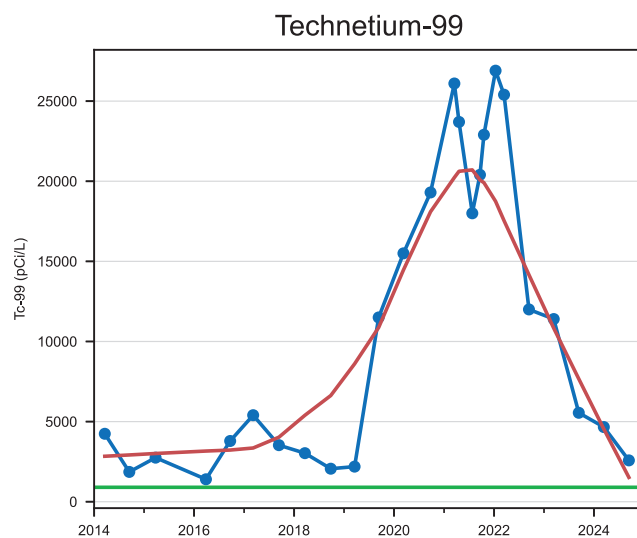
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Figure 154. Tc-99 and TCE at MW425-PRT1 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/20/2014	4240.0	5400.0
09/15/2014	1860.0	4080.0
03/26/2015	2750.0	3540.0
03/28/2016	1400.0	2060.0
09/21/2016	3790.0	1590.0
03/08/2017	5400.0	1530.0
09/12/2017	3530.0	1430.0
03/21/2018	3030.0	1620.0
09/26/2018	2060.0	1790.0
03/19/2019	2190.0	2400.0
09/11/2019	11500.0	
09/17/2019		2250.0
03/10/2020	15500.0	2940.0
09/24/2020	19300.0	3460.0
03/17/2021	26100.0	3160.0
04/20/2021	23700.0	3150.0
07/26/2021	18000.0	2500.0
09/20/2021	20400.0	3130.0
10/19/2021	22900.0	2660.0
01/12/2022	26900.0	2410.0
03/15/2022	25400.0	2570.0
09/13/2022	12000.0	2050.0
03/13/2023	11400.0	2310.0
09/12/2023	5550.0	669.0
03/13/2024	4660.0	455.0
09/12/2024	2580.0	172.0

Notes:

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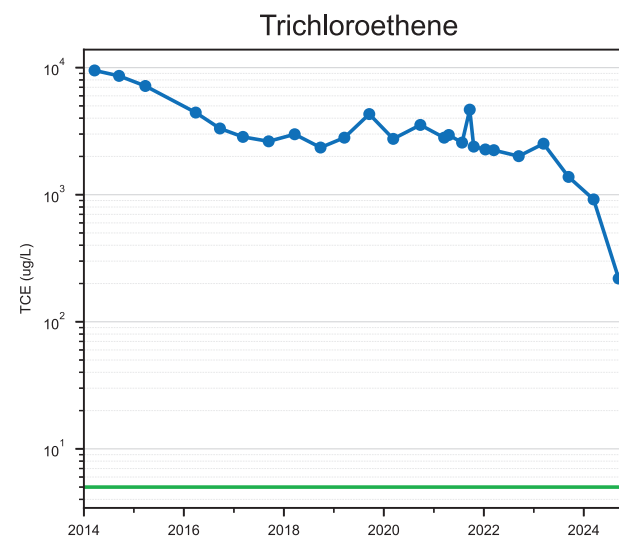
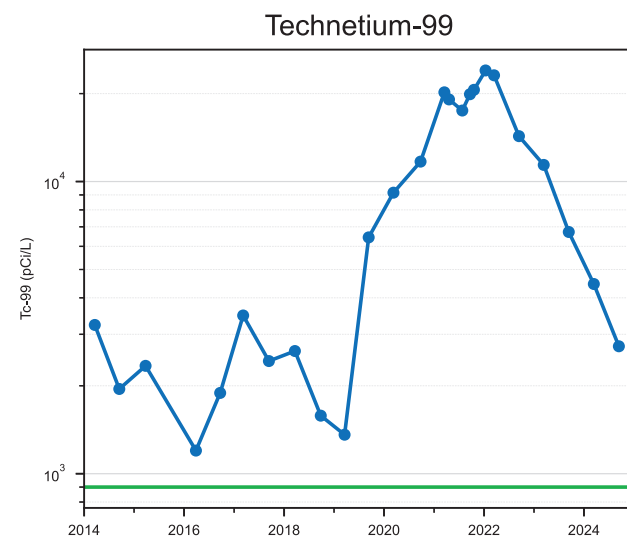
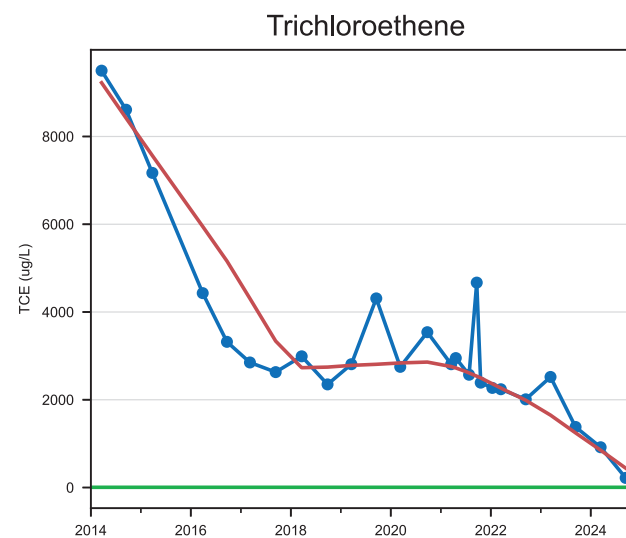
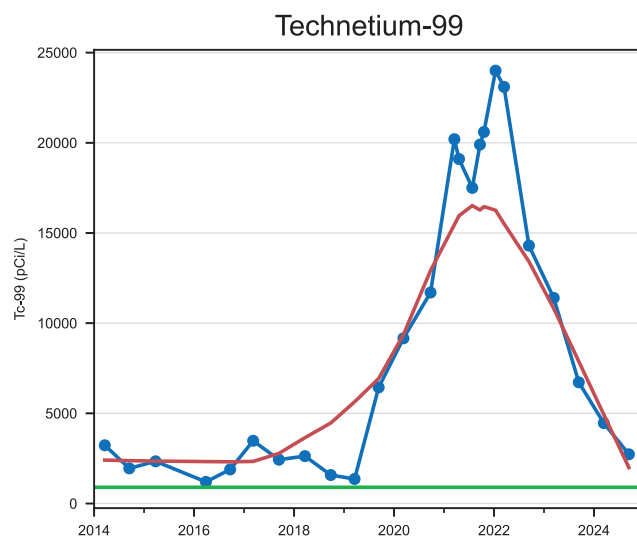
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Figure 155. Tc-99 and TCE at MW425-PRT2 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/20/2014	3230.0	9500.0
09/15/2014	1950.0	8610.0
03/26/2015	2340.0	7170.0
03/28/2016	1200.0	4430.0
09/21/2016	1890.0	3320.0
03/08/2017	3480.0	2850.0
09/12/2017	2430.0	2630.0
03/21/2018	2630.0	2990.0
09/26/2018	1580.0	2350.0
03/19/2019	1360.0	2810.0
09/11/2019	6440.0	
09/17/2019		4310.0
03/10/2020	9160.0	2750.0
09/24/2020	11700.0	3540.0
03/17/2021	20200.0	2810.0
04/20/2021	19100.0	2950.0
07/26/2021	17500.0	2570.0
09/20/2021	19900.0	4670.0
10/19/2021	20600.0	2390.0
01/12/2022	24000.0	2270.0
03/15/2022	23100.0	2240.0
09/13/2022	14300.0	2010.0
03/13/2023	11400.0	2520.0
09/12/2023	6720.0	1380.0
03/13/2024	4460.0	918.0
09/12/2024	2730.0	219.0

Notes:

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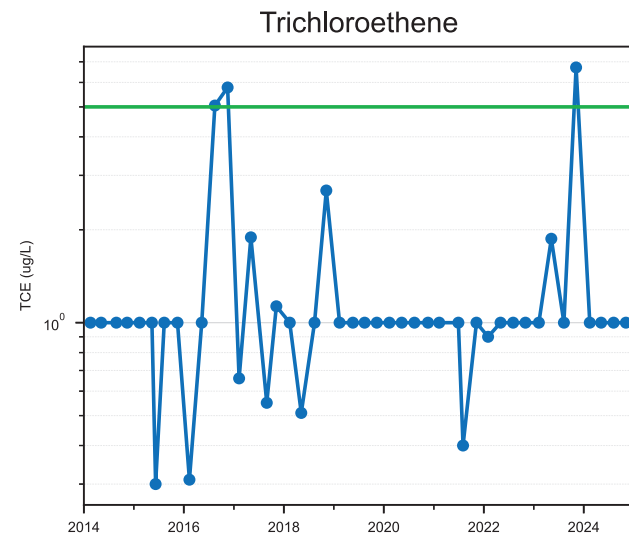
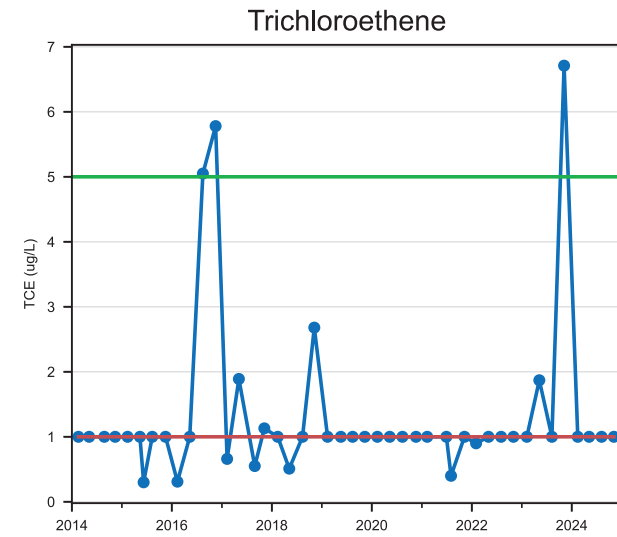
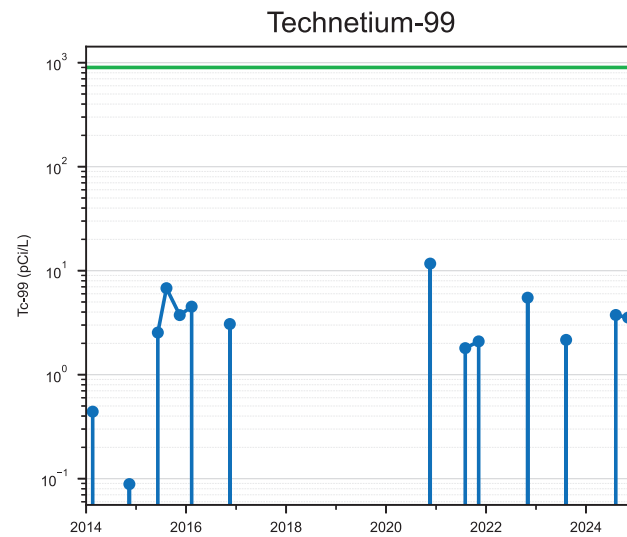
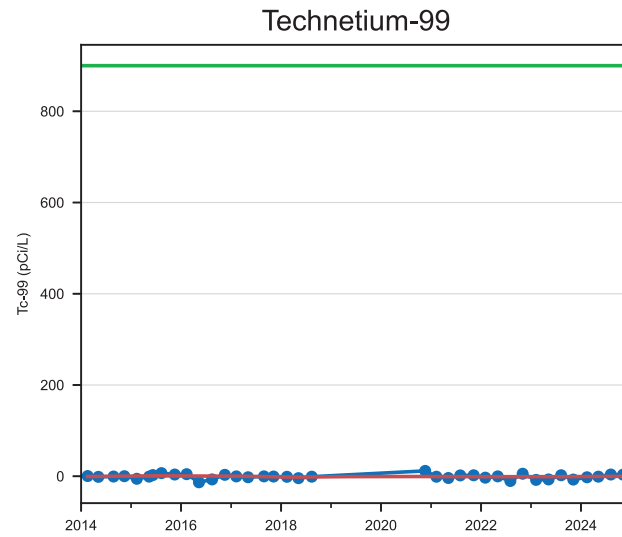
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Figure 156. Tc-99 and TCE at MW425-PRT3 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/18/2014	< 0.441	< 1.0
05/07/2014	< -1.4	< 1.0
08/26/2014	< -0.658	< 1.0
11/13/2014	< 0.0887	< 1.0
02/12/2015	< -5.61	< 1.0
05/13/2015	< -0.848	< 1.0
06/09/2015	< 2.54	0.3
08/11/2015	< 6.79	< 1.0
11/16/2015	< 3.74	< 1.0
02/11/2016	< 4.51	0.31
05/11/2016	< -13.3	< 1.0
08/15/2016	< -7.0	5.05
11/16/2016	< 3.07	5.78
02/08/2017	< -0.373	0.66
05/05/2017	< -2.21	1.89
08/29/2017	< -0.322	0.55
11/07/2017	< -0.661	1.13
02/13/2018	< -1.23	< 1.0
05/08/2018	< -4.22	0.51
08/13/2018	< -0.989	< 1.0
11/07/2018		2.68
02/12/2019		< 1.0
05/20/2019		< 1.0
08/14/2019		< 1.0
11/11/2019		< 1.0
02/11/2020		< 1.0
05/11/2020		< 1.0
08/12/2020		< 1.0
11/19/2020	< 11.7	< 1.0
02/09/2021	< -1.06	< 1.0
05/07/2021	< -3.87	
06/29/2021		< 1.0
08/02/2021	< 1.8	0.4
11/08/2021	< 2.09	< 1.0
02/01/2022	< -3.11	0.9
05/03/2022	< -0.3	< 1.0
08/03/2022	< -10.4	< 1.0
11/01/2022	< 5.5	< 1.0
02/07/2023	< -8.03	< 1.0
05/09/2023	< -7.03	1.87
08/09/2023	< 2.16	< 1.0
11/06/2023	< -7.3	6.71
02/14/2024	< -2.27	< 1.0
05/07/2024	< -0.96	< 1.0
08/06/2024	< 3.75	< 1.0
11/04/2024	< 3.54	< 1.0

Notes:

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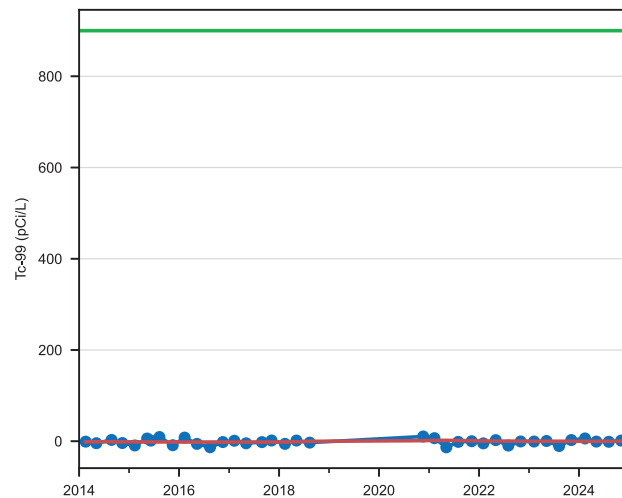
Figure 157. Tc-99 and TCE at MW426 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/18/2014	< -0.883	< 1.0
05/07/2014	< -4.34	0.94
08/26/2014	< 2.87	1.19
11/13/2014	< -3.95	0.4
02/12/2015	< -9.24	0.51
05/13/2015	< 5.95	0.61
06/09/2015	< 1.39	1.17
08/11/2015	< 9.18	0.5
11/16/2015	< -8.75	0.49
02/11/2016	< 7.98	0.52
05/11/2016	< -5.8	0.43
08/15/2016	< -13.2	1.66
11/16/2016	< -1.8	2.93
02/08/2017	< 1.05	3.01
05/05/2017	< -4.52	1.19
08/29/2017	< -1.95	0.61
11/07/2017	< 1.6	1.1
02/13/2018	< -5.75	0.36
05/08/2018	< 1.47	0.6
08/13/2018	< -3.04	0.39
11/07/2018		1.8
02/12/2019		< 1.0
05/20/2019		< 1.0
08/14/2019		0.4
11/11/2019		0.4
02/11/2020		1.15
05/11/2020		0.63
08/12/2020		0.56
11/19/2020	< 10.4	0.45
02/09/2021	< 6.69	0.45
05/07/2021	< -13.3	
06/29/2021		0.46
08/02/2021	< -1.4	0.48
11/08/2021	< 0.0275	0.38
02/01/2022	< -4.69	0.82
05/03/2022	< 2.4	< 1.0
08/03/2022	< -9.49	0.38
11/01/2022	< -0.519	0.48
02/07/2023	< -0.648	0.35
05/09/2023	< 0.546	0.75
08/09/2023	< -10.5	< 1.0
11/06/2023	< 2.6	1.62
02/14/2024	< 6.07	0.34
05/07/2024	< -0.776	< 1.0
08/06/2024	< -1.23	0.48
11/04/2024	< 1.43	< 1.0

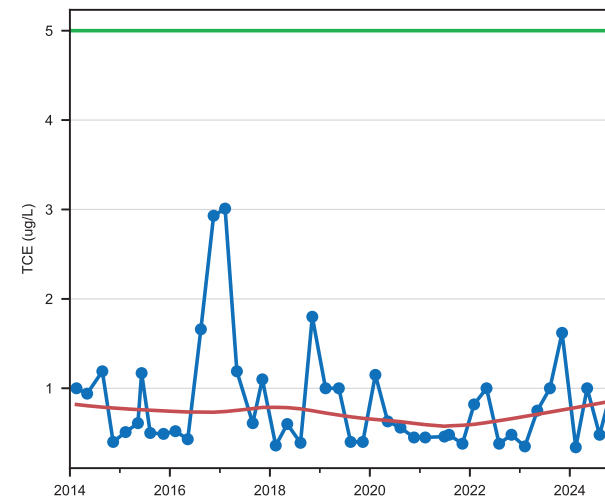
Notes:

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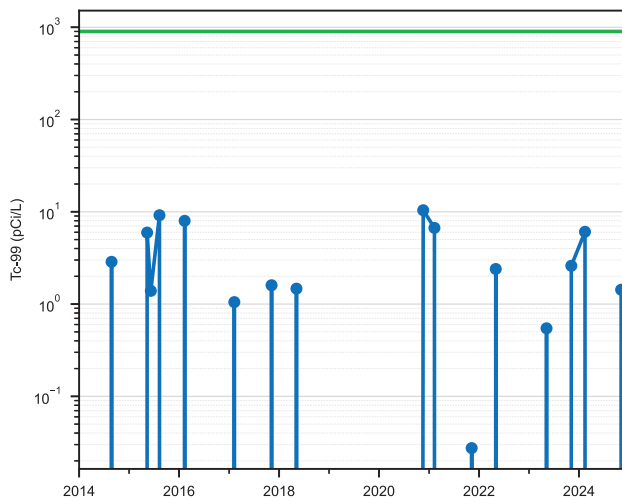
Technetium-99



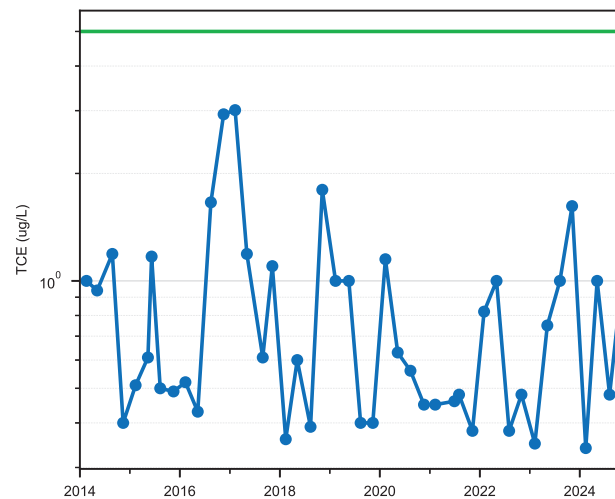
Trichloroethene



Technetium-99



Trichloroethene



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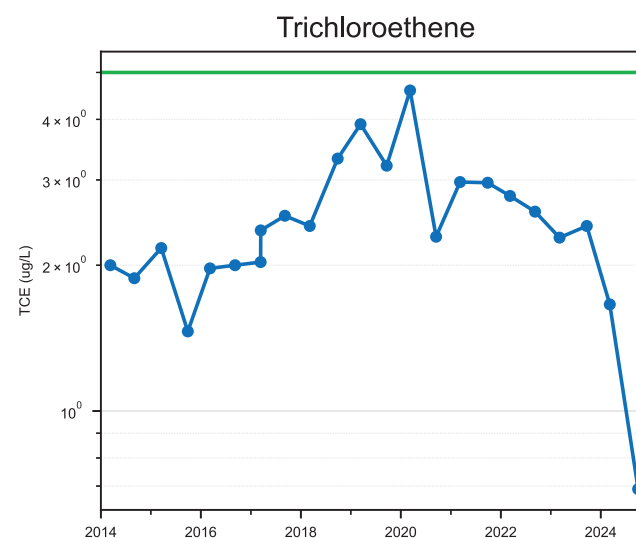
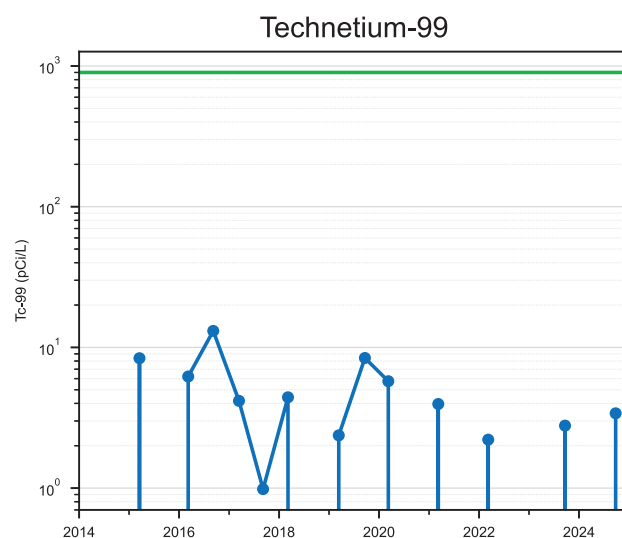
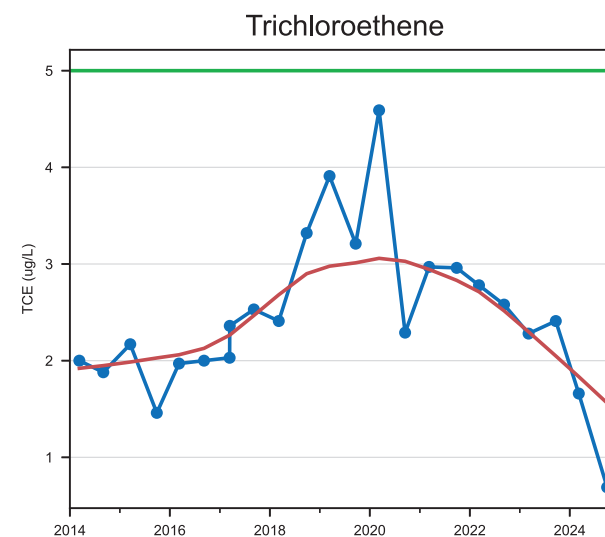
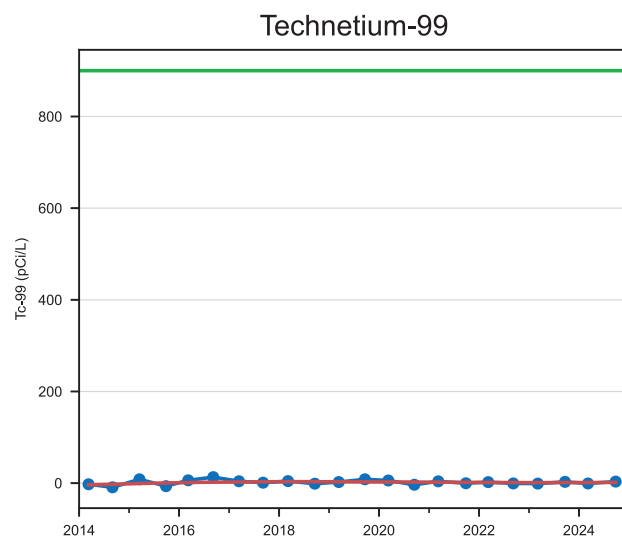
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Figure 158. Tc-99 and TCE at MW427 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/11/2014	< -2.47	2.0
09/02/2014	< -9.07	1.88
03/18/2015	< 8.38	2.17
09/28/2015	< -6.61	1.46
03/08/2016	< 6.21	1.97
09/07/2016	< 13.1	2.0
03/13/2017		2.03
03/14/2017	< 4.17	2.36
09/06/2017	< 0.984	2.53
03/07/2018	< 4.42	2.41
09/19/2018	< -1.2	
09/27/2018		3.32
03/13/2019	< 2.37	3.91
09/20/2019	< 8.41	3.21
03/09/2020	< 5.75	4.59
09/15/2020	< -3.51	2.29
03/09/2021	< 3.96	2.97
09/27/2021	< -0.262	2.96
03/09/2022	< 2.21	2.78
09/08/2022	< -0.651	2.58
03/06/2023	< -0.971	2.28
09/21/2023	< 2.78	2.41
03/07/2024	< -0.686	1.66
09/25/2024	< 3.4	
09/30/2024		0.69

Notes:

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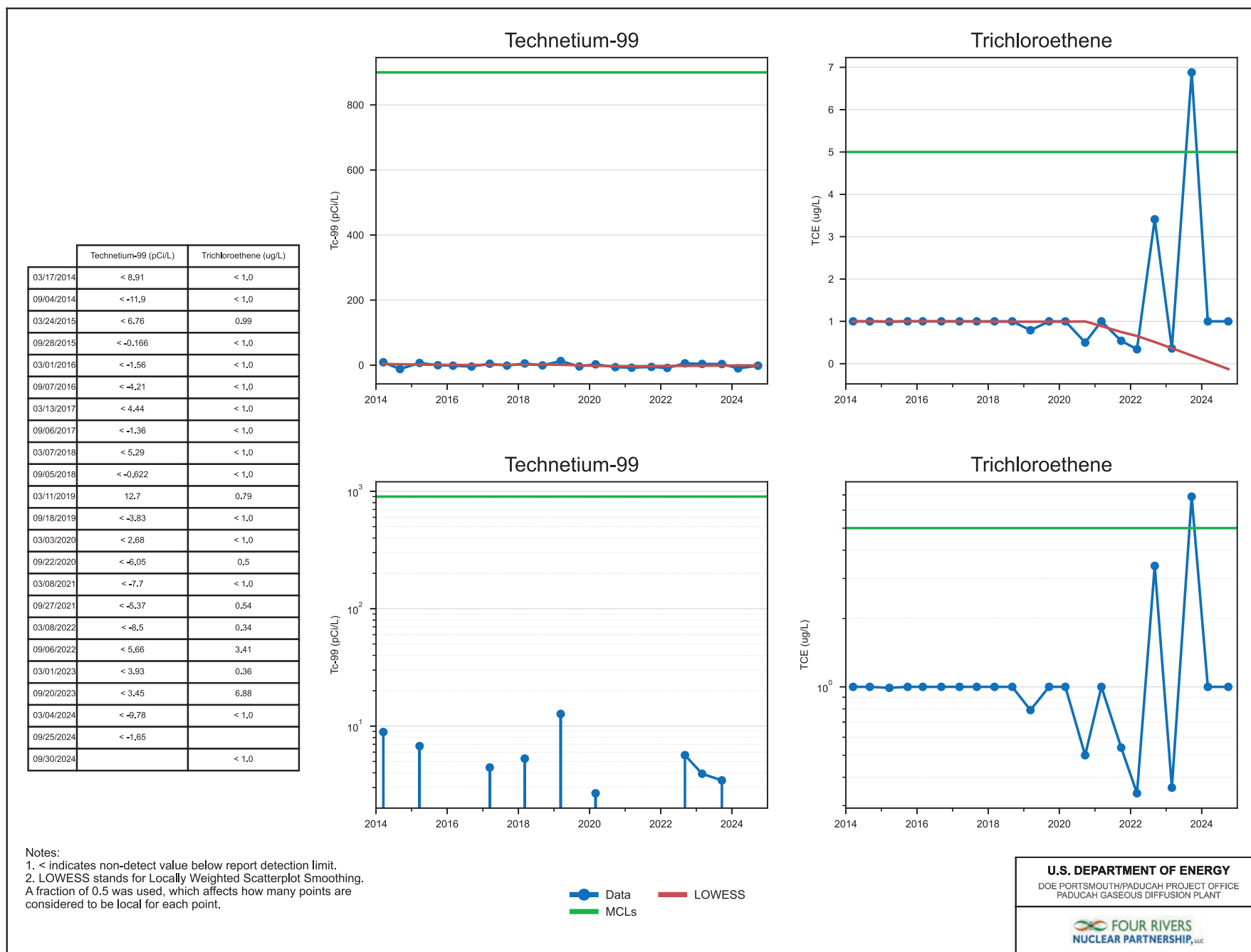


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Figure 159. Tc-99 and TCE at MW428 (LRGA)



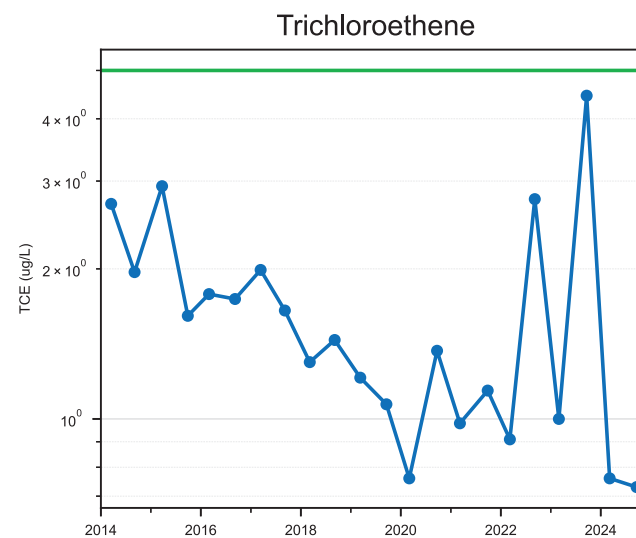
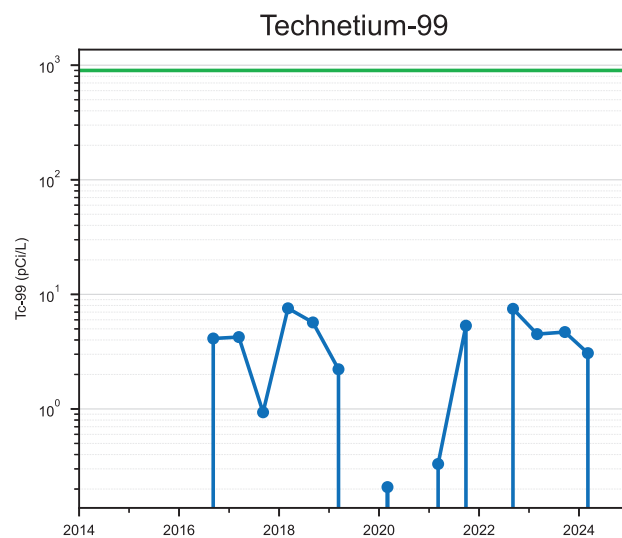
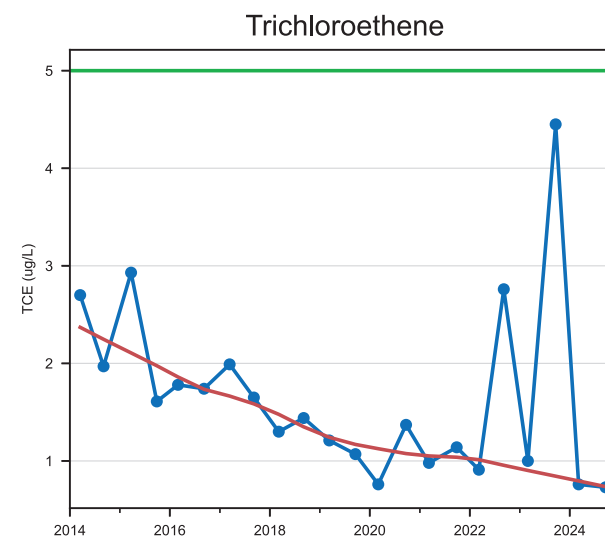
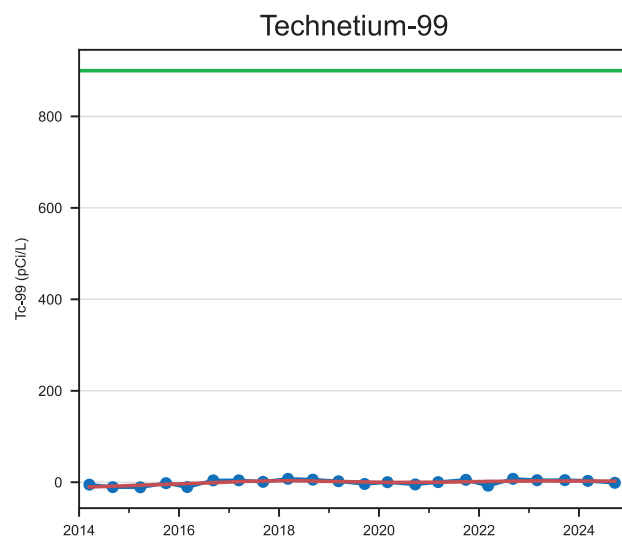
Source: Trend_Plots_V1.ipynb

Figure 160. Tc-99 and TCE at MW429A (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/17/2014	< -5.2	2.7
09/04/2014	< -10.6	1.97
03/24/2015	< -11.0	2.93
09/28/2015	< -1.97	1.61
03/01/2016	< -10.4	1.78
09/07/2016	< 4.12	1.74
03/13/2017	< 4.24	1.99
09/06/2017	< 0.935	1.65
03/07/2018	< 7.56	1.3
09/05/2018	< 5.69	1.44
03/11/2019	< 2.22	1.21
09/18/2019	< -3.71	1.07
03/03/2020	< 0.208	0.76
09/22/2020	< -4.7	1.37
03/08/2021	< 0.331	0.98
09/27/2021	< 5.33	1.14
03/08/2022	< -7.56	0.91
09/06/2022	< 7.48	2.76
03/01/2023	< 4.5	1.0
09/20/2023	< 4.69	4.45
03/06/2024	< 3.07	0.76
09/19/2024	< -1.2	0.73

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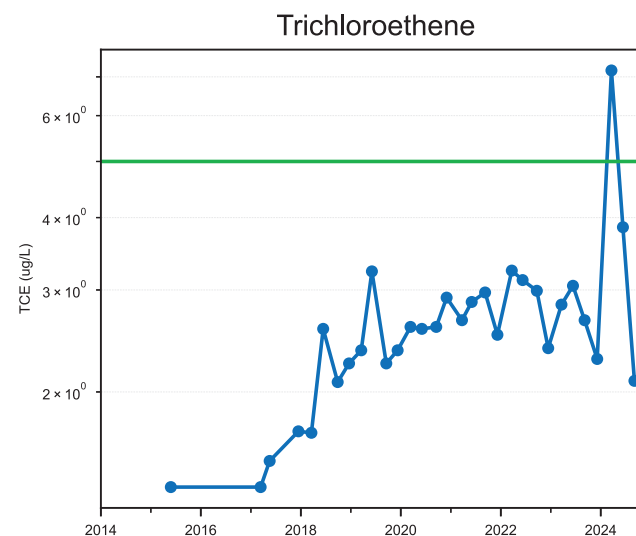
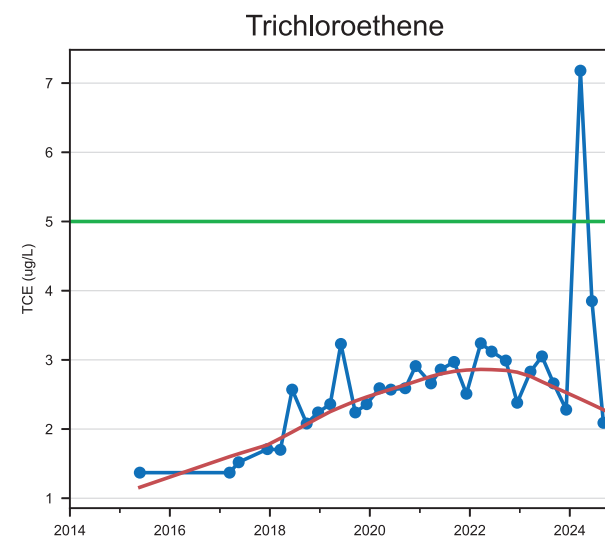
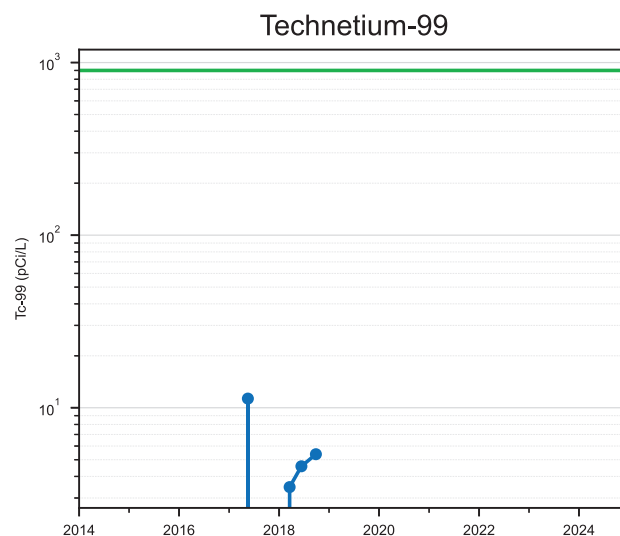
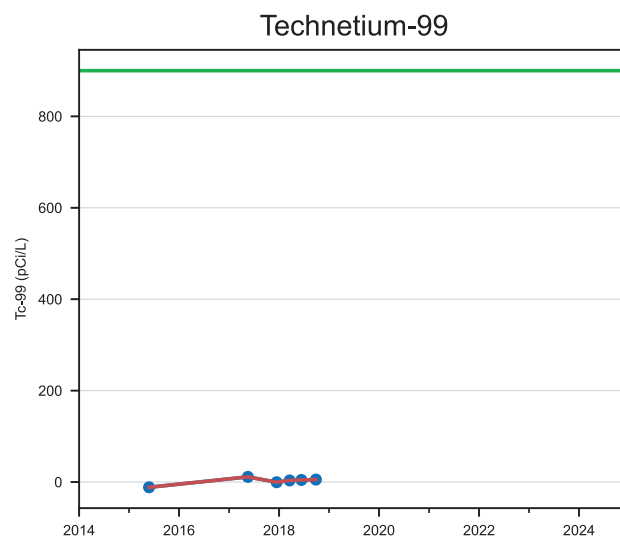
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Figure 161. Tc-99 and TCE at MW430 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/27/2015	< 11.5	1.37
03/13/2017		1.37
05/18/2017	< 11.3	1.52
12/14/2017	< 0.413	1.71
03/19/2018	< 3.47	1.7
06/13/2018	< 4.58	2.57
09/27/2018	< 5.38	2.08
12/19/2018		2.24
03/18/2019		2.36
06/04/2019		3.23
09/17/2019		2.24
12/09/2019		2.36
03/12/2020		2.59
06/03/2020		2.57
09/16/2020		2.59
12/01/2020		2.91
03/23/2021		2.66
06/02/2021		2.86
09/08/2021		2.97
12/07/2021		2.51
03/22/2022		3.24
06/09/2022		3.12
09/21/2022		2.99
12/13/2022		2.38
03/20/2023		2.83
06/12/2023		3.05
09/05/2023		2.66
12/06/2023		2.28
03/19/2024		7.18
06/11/2024		3.85
09/03/2024		2.09
12/03/2024		2.26



Notes:

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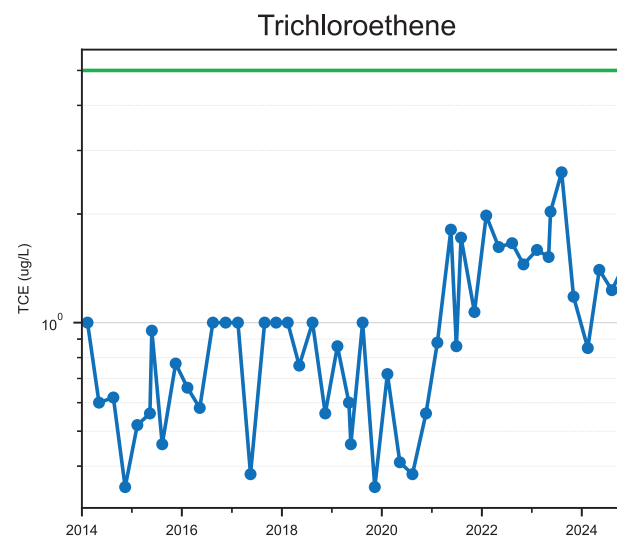
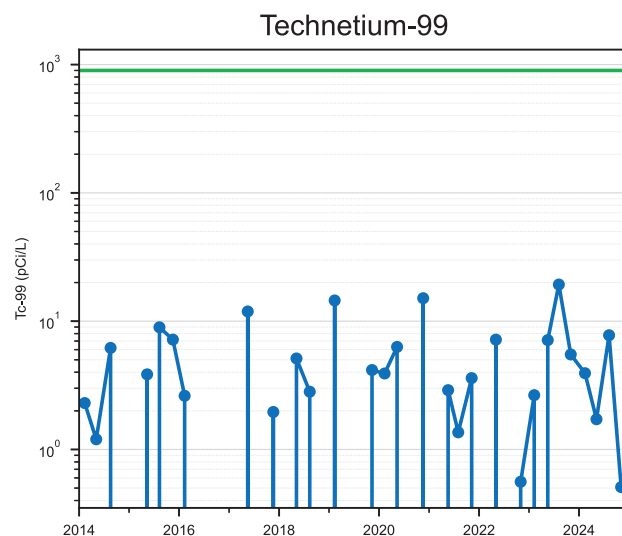
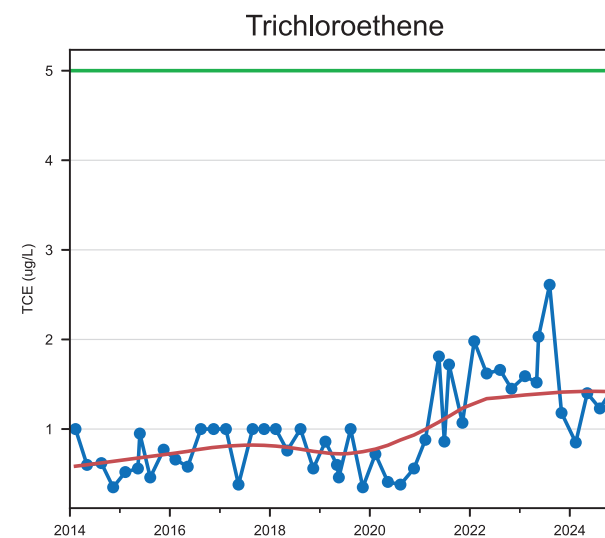
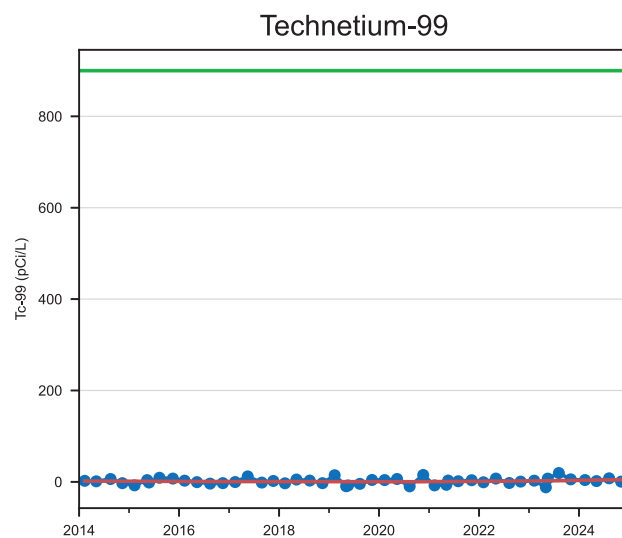
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Figure 162. Tc-99 and TCE at MW431 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/11/2014	< 2.3	< 1.0
05/06/2014	< 1.2	0.6
08/19/2014	< 6.19	0.62
11/13/2014	< 2.89	0.35
02/10/2015	< 7.61	0.52
05/13/2015	< 3.85	0.56
05/27/2015	< 1.45	0.95
08/11/2015	< 8.96	0.46
11/17/2015	< 7.18	0.77
02/11/2016	< 2.62	0.66
05/11/2016	< 0.625	0.58
08/15/2016	< 3.81	< 1.0
11/16/2016	< 2.79	< 1.0
02/14/2017	< 0.434	< 1.0
05/17/2017	< 11.9	0.38
08/28/2017	< 1.57	< 1.0
11/20/2017	< 1.96	< 1.0
02/13/2018	< 3.11	< 1.0
05/08/2018	< 5.12	0.76
08/13/2018	< 2.82	< 1.0
11/14/2018	< 2.84	0.56
02/11/2019	< 14.5	0.86
05/06/2019	< 9.55	0.6
05/20/2019	< 7.82	0.46
08/14/2019	< 4.4	< 1.0
11/11/2019	< 4.16	0.35
02/11/2020	< 3.91	0.72
05/12/2020	< 6.3	0.41
08/12/2020	< 9.8	0.38
11/19/2020	< 15.1	0.56
02/10/2021	< 7.7	0.88
05/07/2021	< 6.42	
05/20/2021	< 2.9	1.81
06/29/2021		0.86
08/02/2021	< 1.36	1.72
11/08/2021	< 3.6	1.07
02/02/2022	< 0.919	1.98
05/04/2022	< 7.18	1.62
08/10/2022	< 2.51	1.66
11/01/2022	< 0.56	1.45
02/08/2023	< 2.65	1.59
05/04/2023	< 11.9	1.52
05/18/2023	< 7.12	2.03
08/07/2023	< 19.3	2.61
11/02/2023	< 5.5	1.18
02/14/2024	< 3.93	0.85
05/08/2024	< 1.72	1.4
08/08/2024	< 7.77	1.23
11/04/2024	< 0.509	1.44

Notes:

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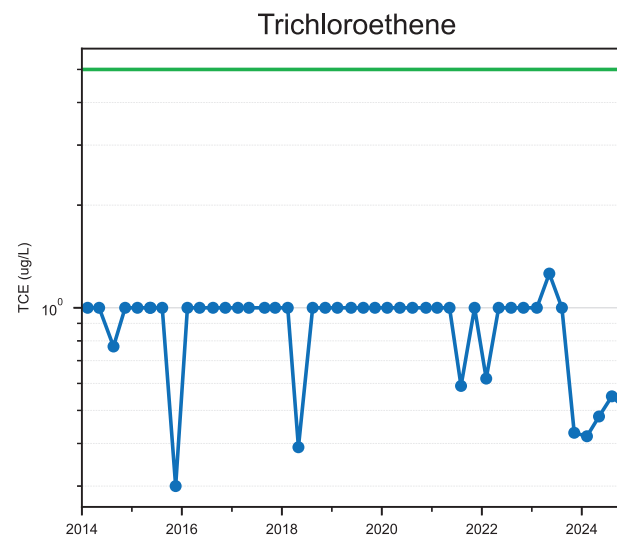
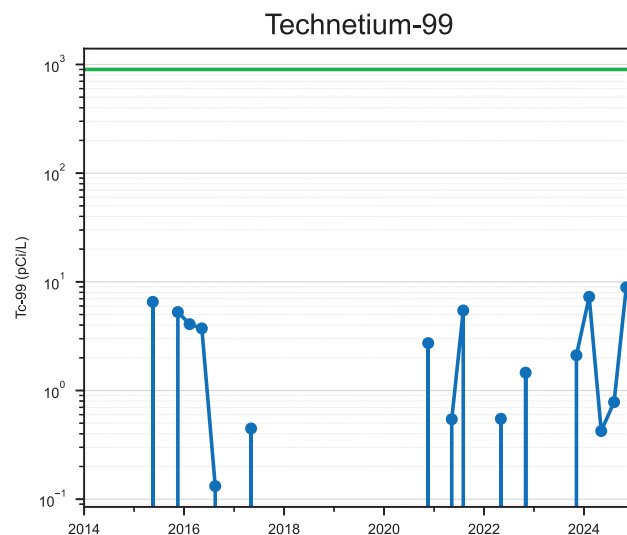
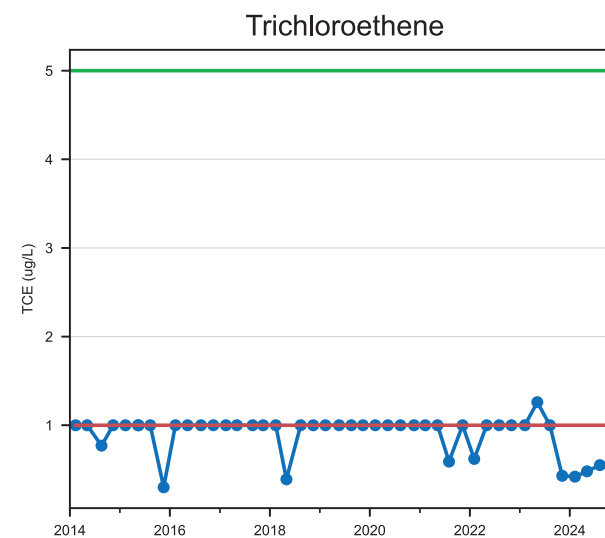
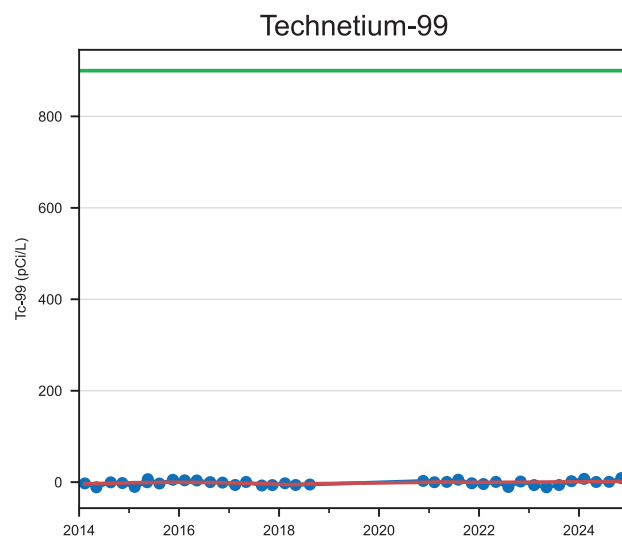

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Figure 163. Tc-99 and TCE at MW432 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/12/2014	< -2.67	< 1.0
05/07/2014	< -11.2	< 1.0
08/20/2014	< -0.309	0.77
11/13/2014	< -1.97	< 1.0
02/11/2015	< -10.3	< 1.0
05/13/2015	< -0.189	< 1.0
05/18/2015	< 6.54	< 1.0
08/11/2015	< -2.95	< 1.0
11/17/2015	< 5.27	0.3
02/11/2016	< 4.08	< 1.0
05/10/2016	< 3.73	< 1.0
08/16/2016	< 0.132	< 1.0
11/14/2016	< -0.909	< 1.0
02/14/2017	< -6.11	< 1.0
05/05/2017	< 0.447	< 1.0
08/28/2017	< -7.24	< 1.0
11/13/2017	< -6.41	< 1.0
02/13/2018	< -2.42	< 1.0
05/02/2018	< -6.18	0.39
08/14/2018	< -5.16	< 1.0
11/14/2018		< 1.0
02/11/2019		< 1.0
05/22/2019		< 1.0
08/19/2019		< 1.0
11/12/2019		< 1.0
02/10/2020		< 1.0
05/12/2020		< 1.0
08/12/2020		< 1.0
11/19/2020	< 2.73	< 1.0
02/09/2021	< -0.11	< 1.0
05/10/2021	< 0.544	< 1.0
08/02/2021	< 5.45	0.59
11/09/2021	< -2.39	< 1.0
02/02/2022	< -4.07	0.62
05/04/2022	< 0.549	< 1.0
08/03/2022	< -10.5	< 1.0
11/01/2022	< 1.46	< 1.0
02/07/2023	< -6.36	< 1.0
05/09/2023	< -11.2	1.26
08/09/2023	< -6.21	< 1.0
11/07/2023	< 2.11	0.43
02/08/2024	< 7.28	0.42
05/06/2024	< 0.424	0.48
08/08/2024	< 0.762	0.55
11/05/2024	< 8.89	0.51

Notes:

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● Data
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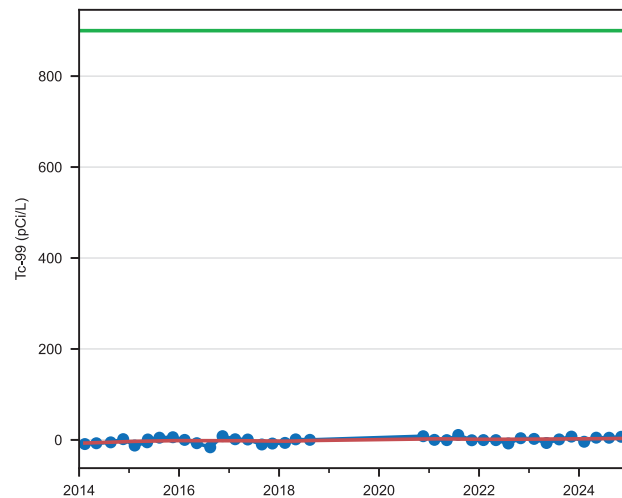
Figure 164. Tc-99 and TCE at MW433 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/12/2014	< -9.19	< 1.0
05/07/2014	< -7.4	< 1.0
08/20/2014	< -5.43	1.3
11/19/2014	< 1.64	0.65
02/11/2015	< -12.5	1.11
05/13/2015	< -5.27	0.61
05/18/2015	< 0.894	0.35
08/11/2015	< 4.82	0.45
11/17/2015	< 5.86	0.85
02/11/2016	< -0.0215	0.55
05/10/2016	< -7.24	0.44
08/16/2016	< -16.3	0.77
11/14/2016	< 8.22	0.55
02/14/2017	< 1.41	0.63
05/17/2017	< 0.823	0.37
08/28/2017	< -10.1	0.99
11/13/2017	< -8.04	0.54
02/13/2018	< -6.62	0.44
05/02/2018	< 1.15	0.62
08/14/2018	< 0.0772	< 1.0
11/14/2018		0.7
02/11/2019		< 1.0
05/06/2019		< 1.0
05/22/2019		< 1.0
08/19/2019		< 1.0
11/12/2019		0.46
02/10/2020		0.34
05/12/2020		< 1.0
08/12/2020		< 1.0
11/19/2020	< 8.1	< 1.0
02/09/2021	< 0.0513	< 1.0
05/10/2021	< -0.502	< 1.0
05/20/2021		< 1.0
08/02/2021	< 10.8	0.42
11/09/2021	< -0.824	0.36
02/02/2022	< -0.452	0.8
05/04/2022	< -0.518	< 1.0
08/03/2022	< -7.87	0.51
11/01/2022	< 3.67	0.96
02/07/2023	< 2.19	1.03
05/09/2023	< -6.84	1.47
05/18/2023		9.46
08/09/2023	< 1.03	0.76
11/07/2023	< 7.21	0.92
02/08/2024	< -4.1	0.8
05/06/2024	< 4.86	0.89
08/08/2024	< 4.69	0.86
11/05/2024	< 6.8	0.76

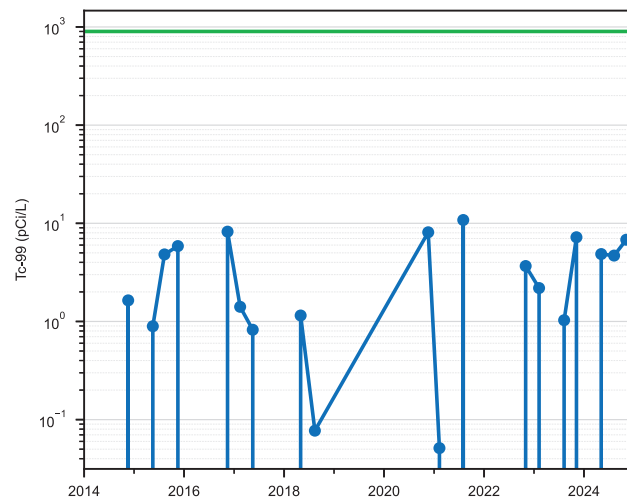
Notes:

1. < indicates non-detect value below report detection limit.
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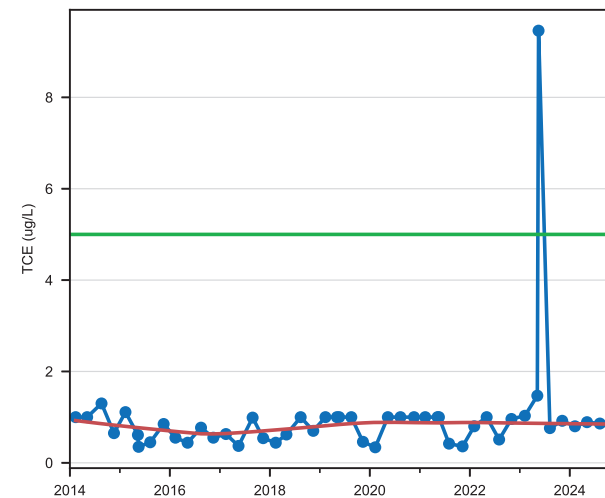
Technetium-99



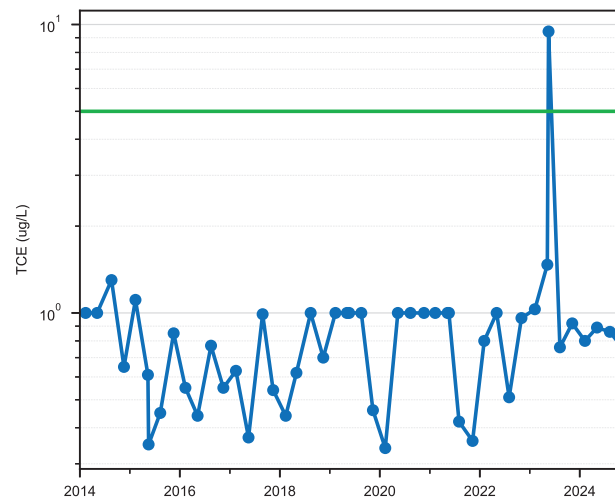
Technetium-99



Trichloroethene



Trichloroethene



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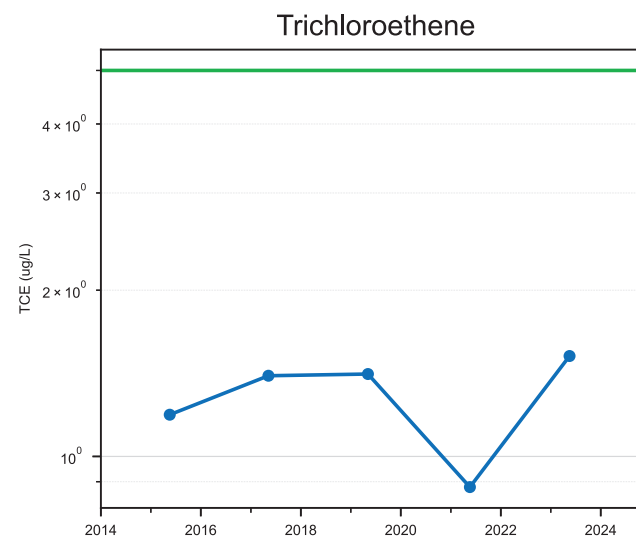
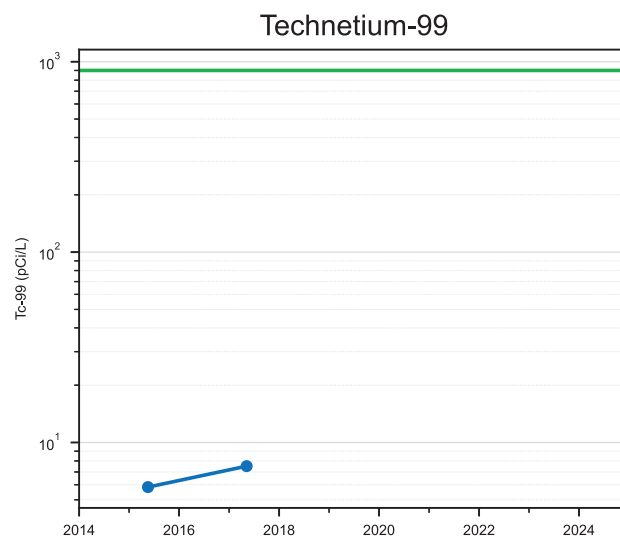
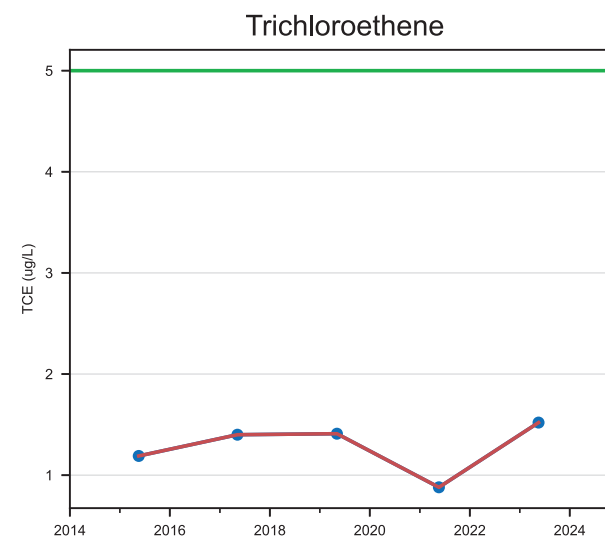
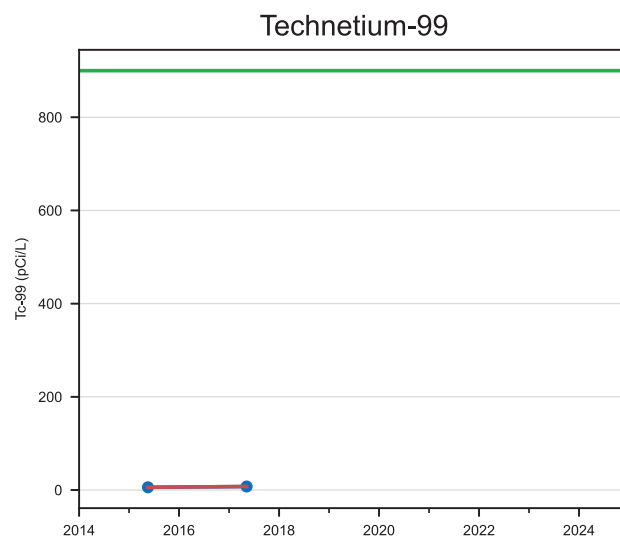
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Figure 165. Tc-99 and TCE at MW435 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/19/2015	< 5.83	1.19
05/09/2017	< 7.51	1.4
05/06/2019		1.41
05/20/2021		0.88
05/18/2023		1.52



Notes:

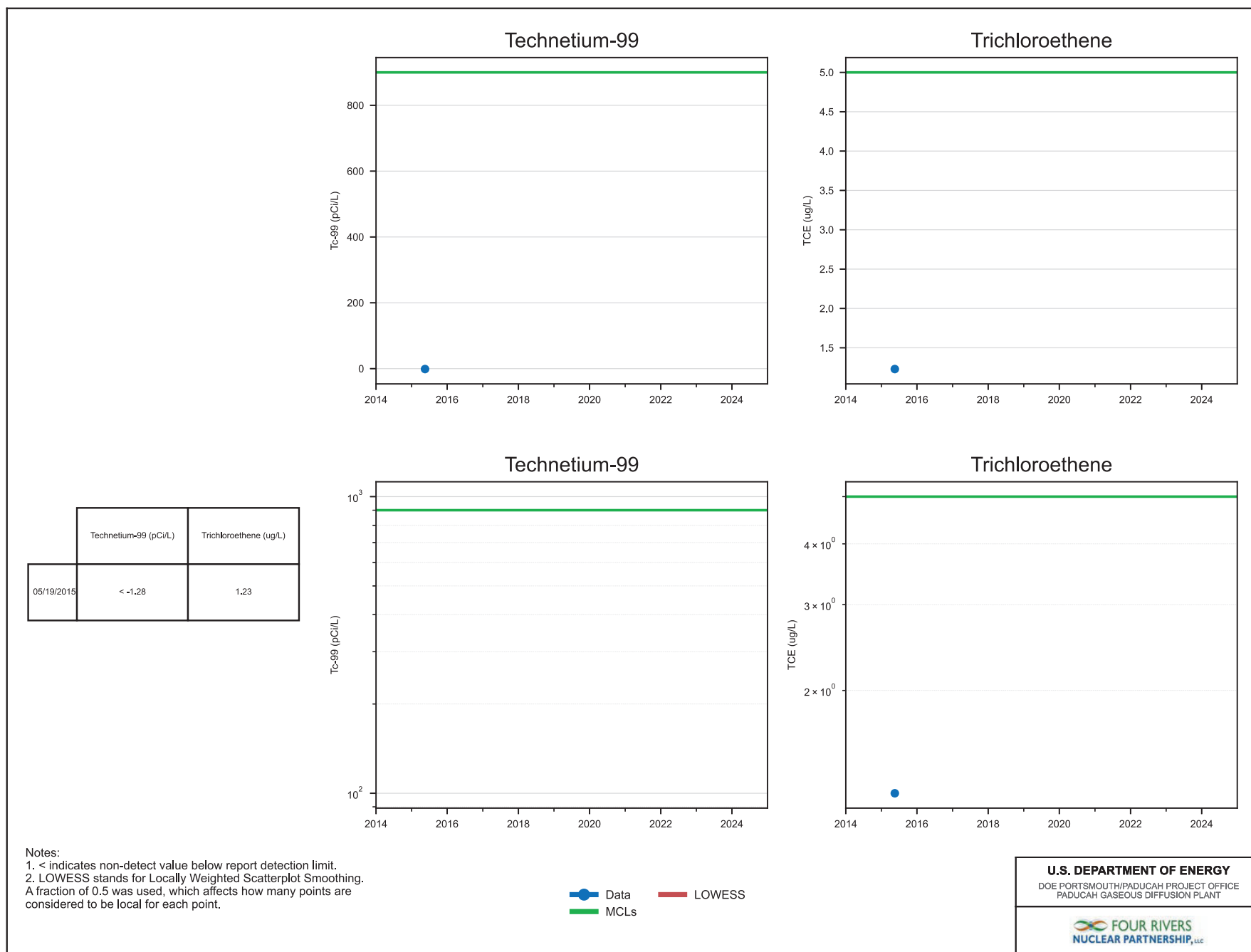
1. < indicates non-detect value below report detection limit.
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Figure 166. Tc-99 and TCE at MW439 (MRGA)



Source: Trend_Plots_V1.ipynb

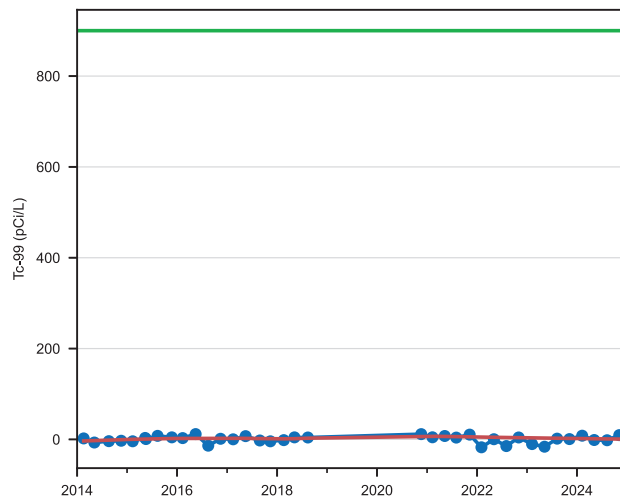
Figure 167. Tc-99 and TCE at MW440 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/18/2014	< 2.15	2.0
05/07/2014	< 4.88	1.77
08/21/2014	< 3.88	2.65
11/19/2014	< 2.98	1.93
02/11/2015	< 4.15	2.07
05/13/2015	< 3.2	1.98
05/19/2015	< 0.771	1.64
08/12/2015	< 7.79	1.56
11/24/2015	< 4.53	2.13
02/11/2016	< 2.87	2.03
05/16/2016	< 11.7	1.62
08/16/2016	< 13.8	2.08
11/14/2016	< 1.35	1.73
02/14/2017	< 0.186	1.71
05/16/2017	< 7.18	1.87
08/28/2017	< 2.41	1.67
11/13/2017	< 4.2	1.78
02/19/2018	< 1.63	1.63
05/08/2018	< 4.47	1.85
08/14/2018	< 4.18	1.46
11/14/2018		1.73
02/12/2019		1.43
05/22/2019		1.16
08/19/2019		1.34
11/12/2019		1.41
02/10/2020		1.33
05/12/2020		1.41
08/12/2020		1.35
11/19/2020	< 11.6	1.45
02/09/2021	< 4.66	1.39
05/10/2021	< 7.48	1.47
08/02/2021	< 3.98	1.21
11/08/2021	< 10.5	1.2
02/02/2022	< 17.4	1.31
05/04/2022	< 0.39	1.35
08/03/2022	< 14.7	1.19
11/01/2022	< 4.23	1.39
02/07/2023	< 10.3	1.02
05/09/2023	< 16.1	1.23
08/09/2023	< 1.66	0.91
11/07/2023	< 0.69	0.84
02/08/2024	< 8.15	0.69
05/06/2024	< 1.37	0.76
08/08/2024	< 1.86	0.7
11/05/2024	< 9.4	0.64

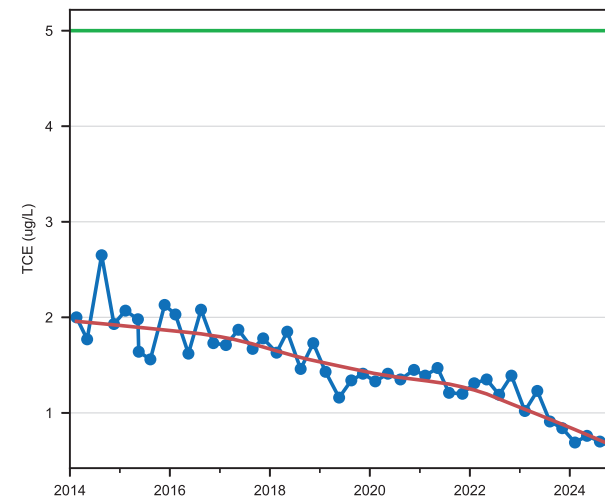
Notes:

1. < indicates non-detect value below report detection limit.
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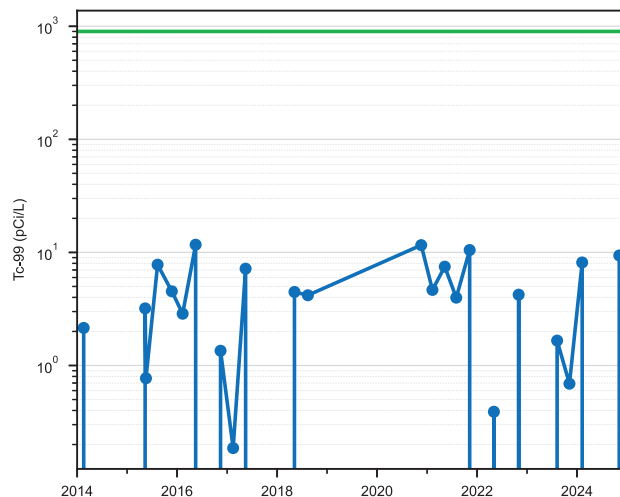
Technetium-99



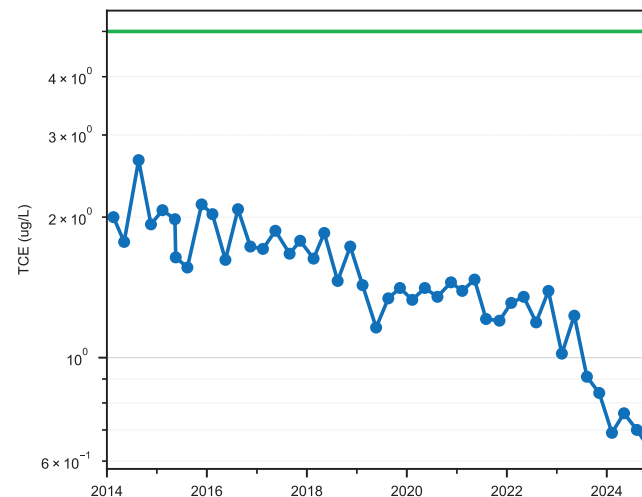
Trichloroethene



Technetium-99



Trichloroethene



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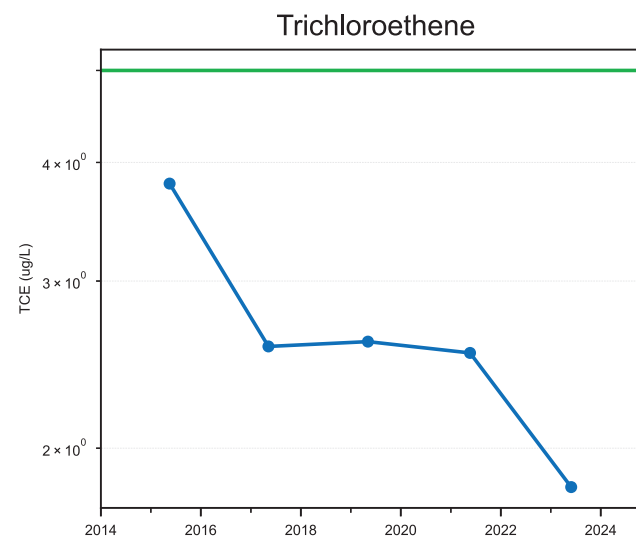
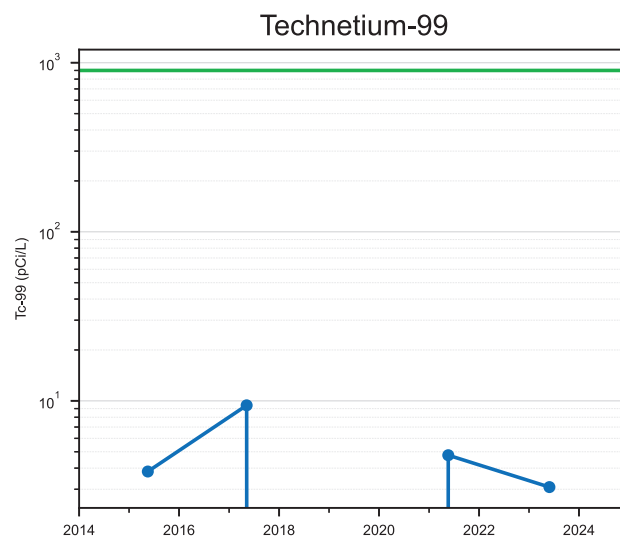
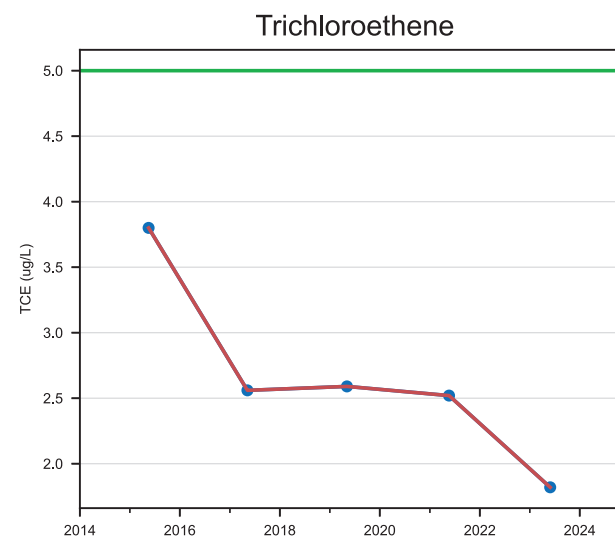
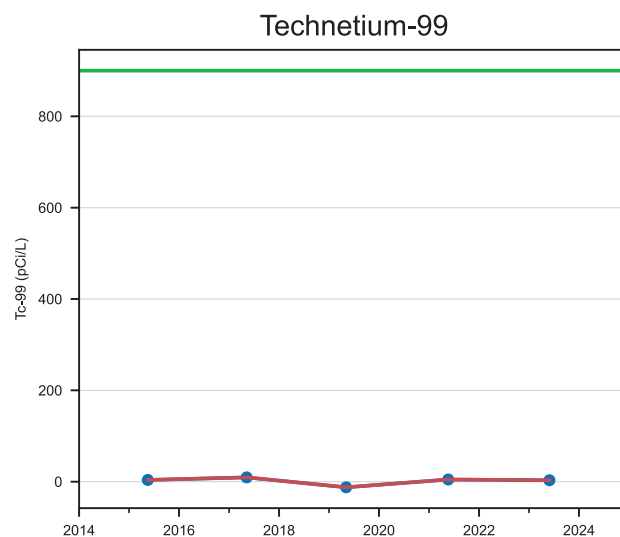
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Figure 168. Tc-99 and TCE at MW441 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/18/2015	< 3.82	3.8
05/09/2017	< 9.41	2.56
05/06/2019	< 12.3	2.59
05/21/2021	< 4.77	2.52
05/30/2023	< 3.09	1.82



Notes:

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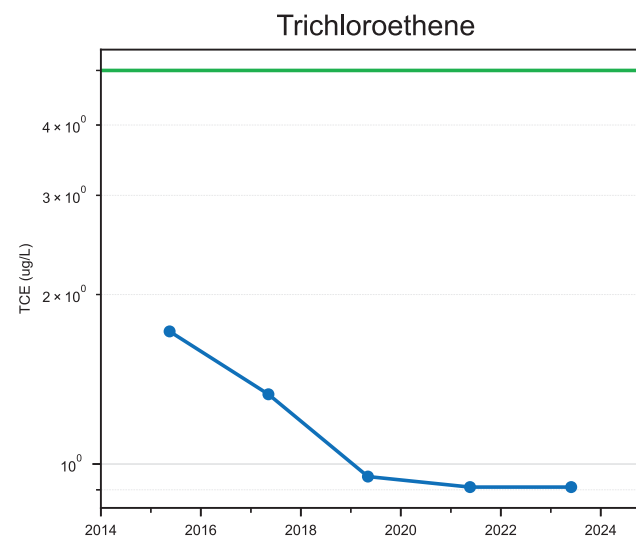
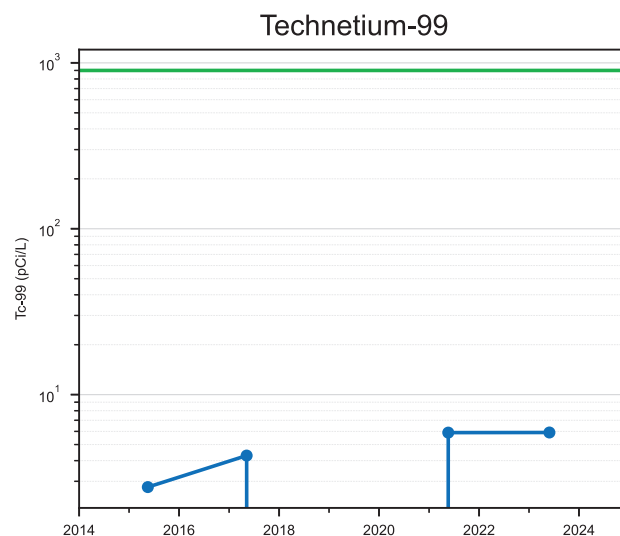
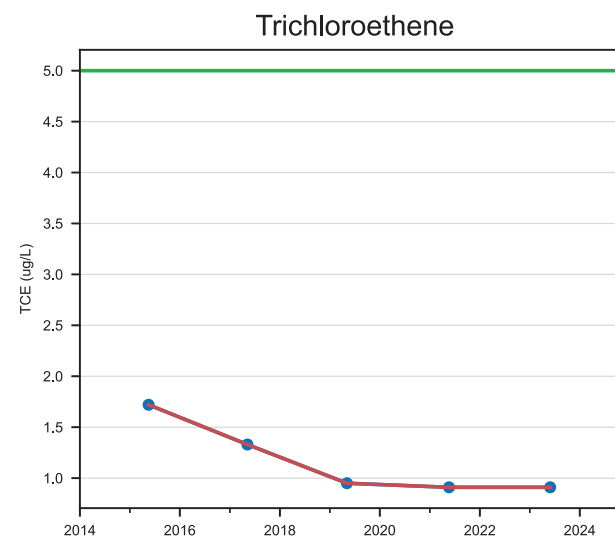
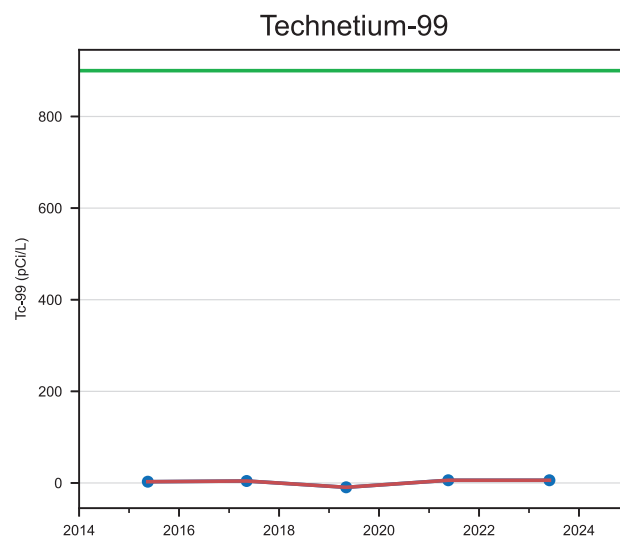
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Figure 169. Tc-99 and TCE at MW442 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/18/2015	< 2.77	1.72
05/09/2017	< 4.29	1.33
05/06/2019	< 9.46	0.95
05/21/2021	< 5.9	0.91
05/30/2023	< 5.91	0.91

Notes:

1. < indicates non-detect value below report detection limit.
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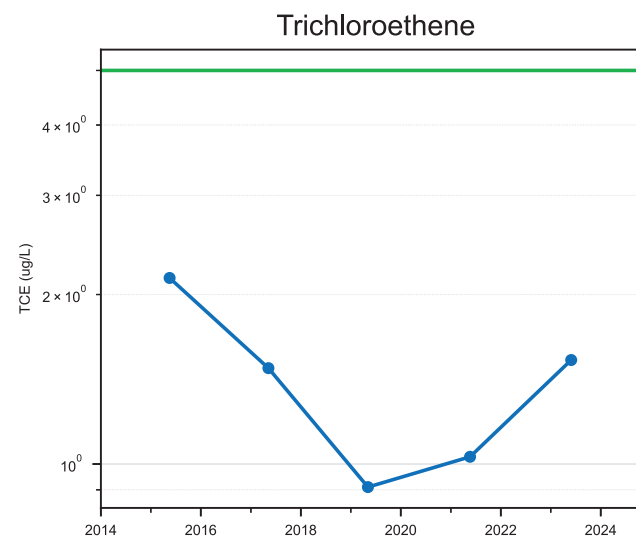
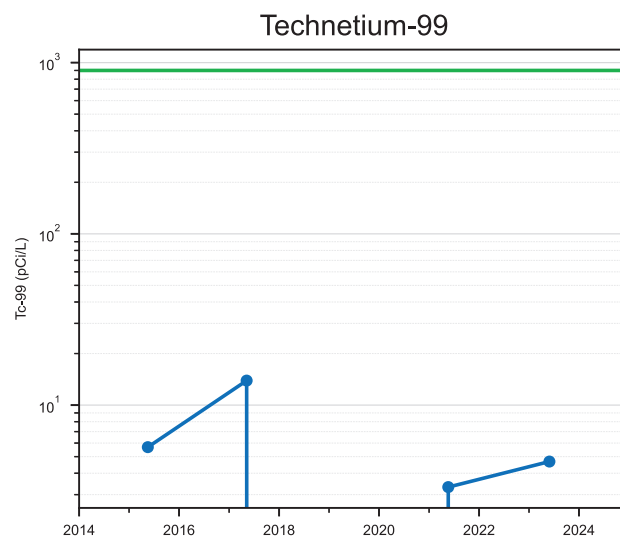
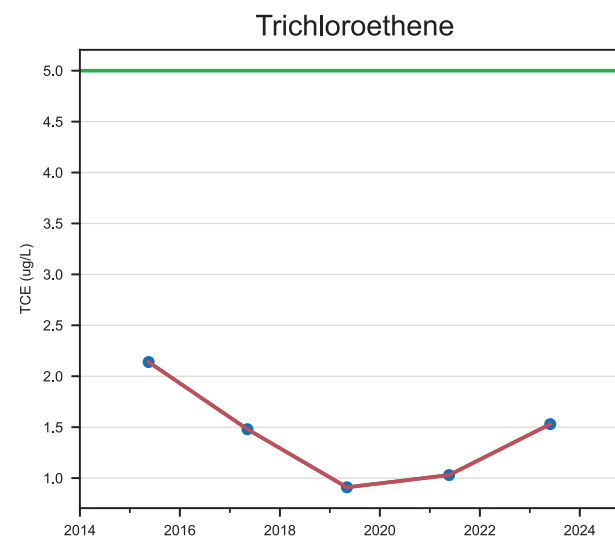
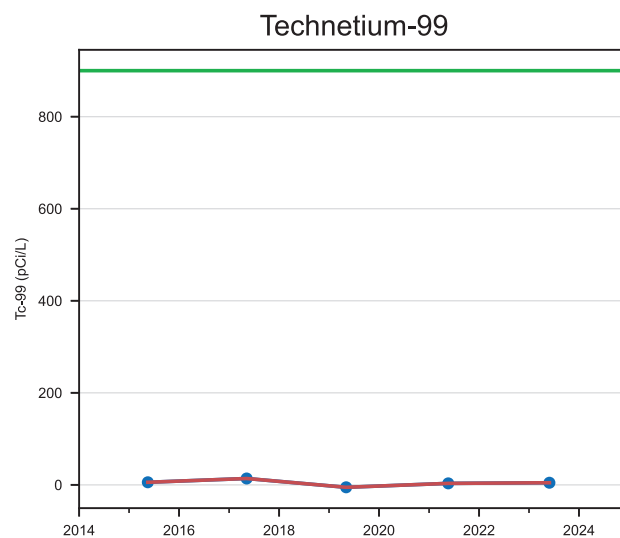
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Figure 170. Tc-99 and TCE at MW443 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/18/2015	< 5.68	2.14
05/09/2017	< 13.9	1.48
05/06/2019	< 5.23	0.91
05/21/2021	< 3.32	1.03
05/30/2023	< 4.68	1.53



Notes:

1. < indicates non-detect value below report detection limit.
 2. LOWESS stands for Locally Weighted Scatterplot Smoothing.
- A fraction of 0.5 was used, which affects how many points are considered to be local for each point.

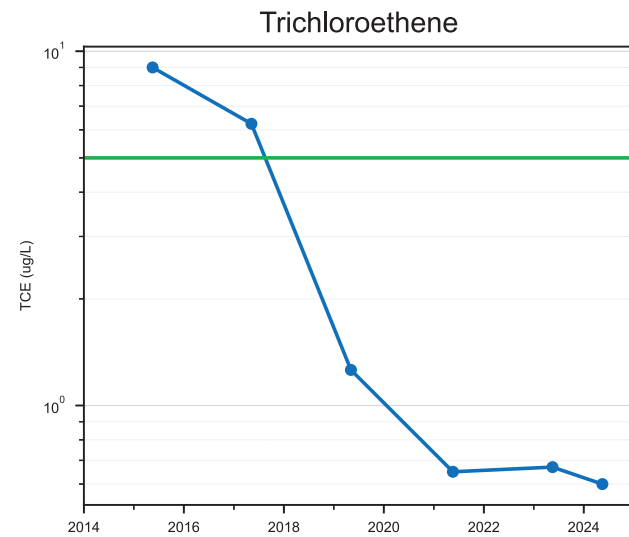
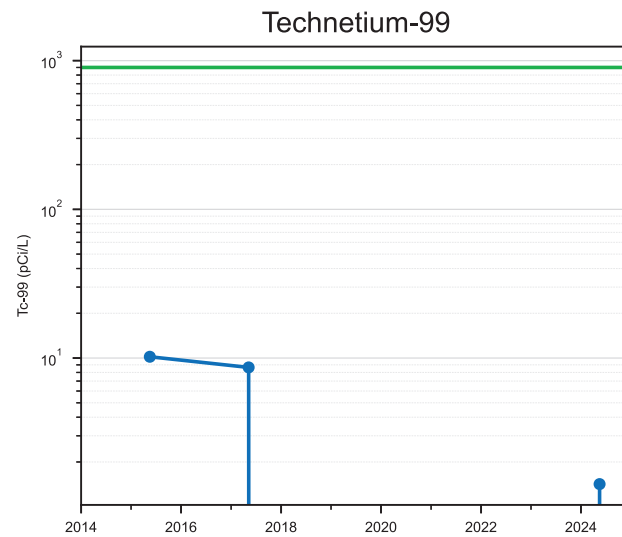
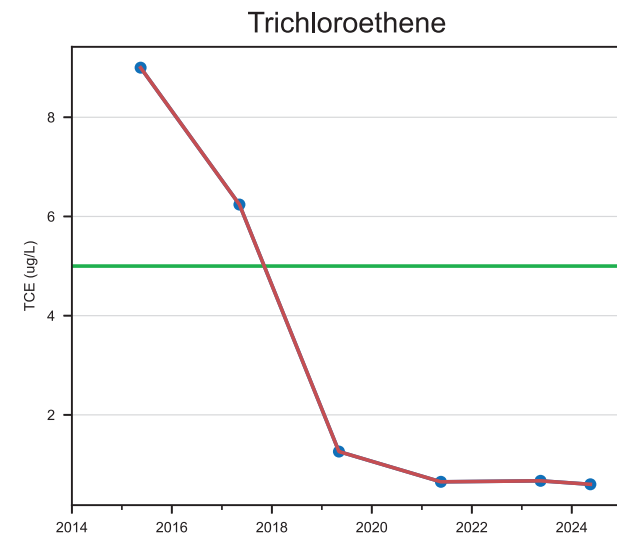
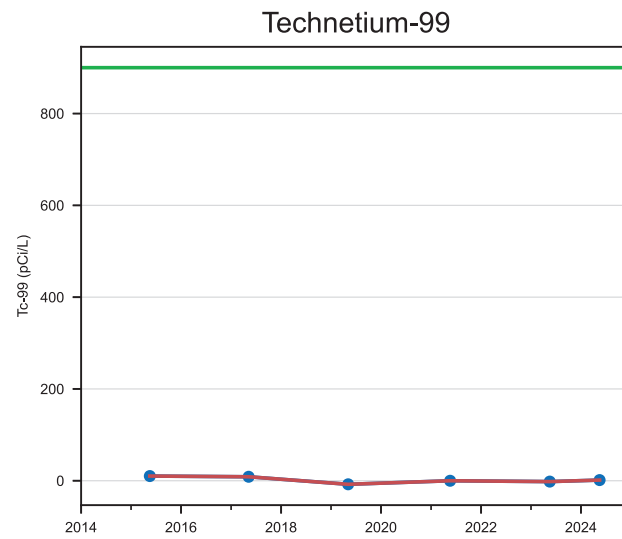
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Figure 171. Tc-99 and TCE at MW444 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/18/2015	< 10.2	9.0
05/09/2017	< 8.65	6.24
05/06/2019	< -7.76	1.26
05/20/2021	< -0.0544	0.65
05/18/2023	< -1.86	0.67
05/16/2024	< 1.42	0.6



Notes:

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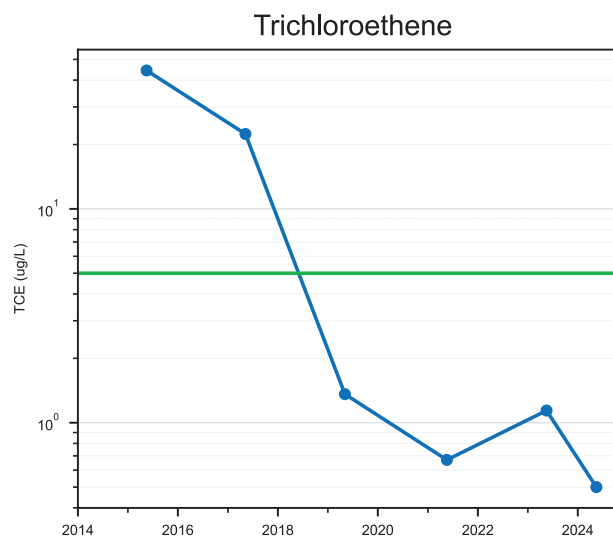
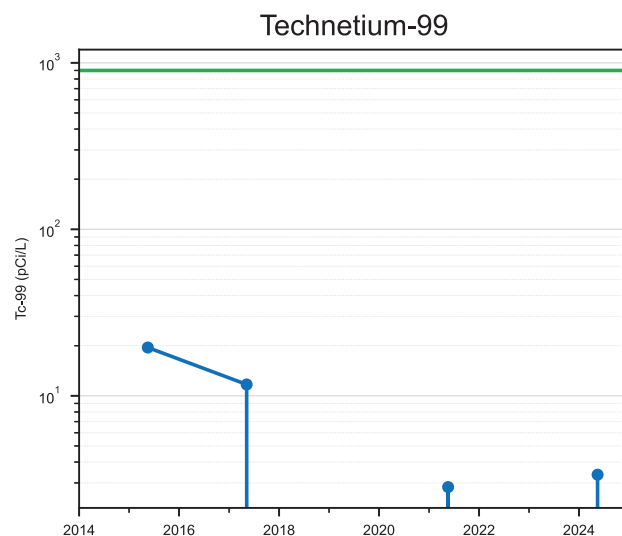
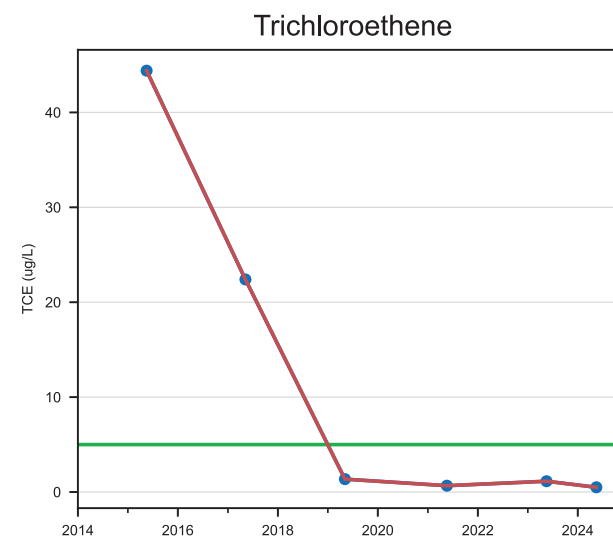
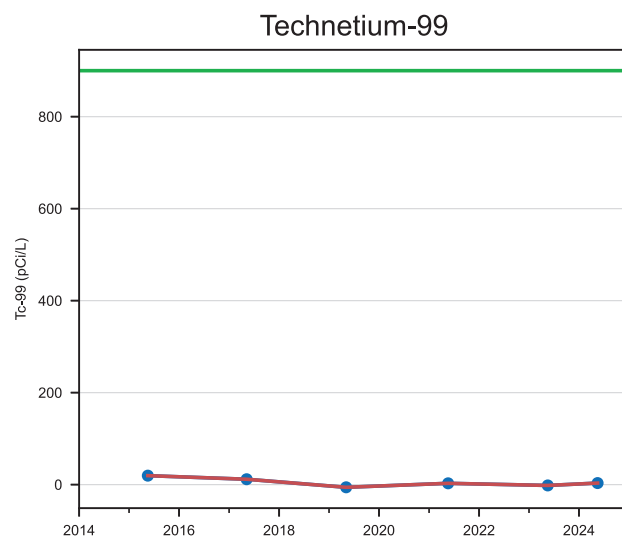
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Figure 172. Tc-99 and TCE at MW445 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/18/2015	19.5	44.4
05/09/2017	< 11.7	22.4
05/06/2019	< -5.83	1.36
05/20/2021	< 2.83	0.67
05/18/2023	< -1.78	1.14
05/16/2024	< 3.36	0.5

Notes:

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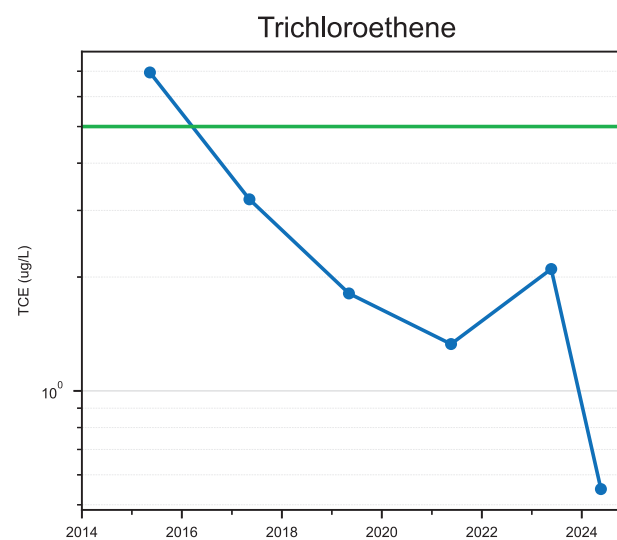
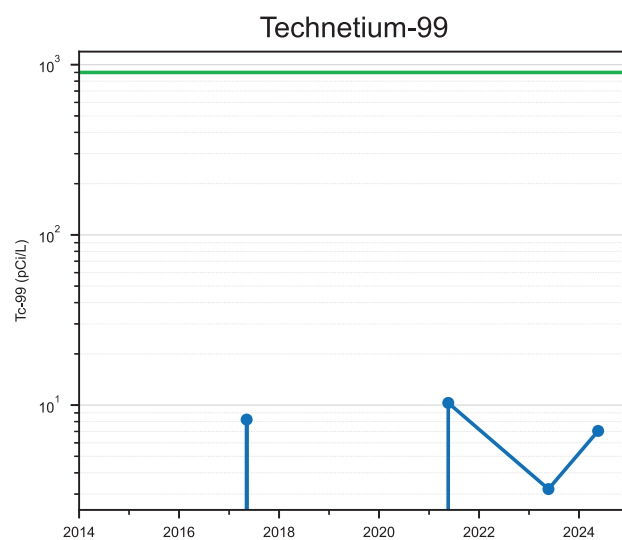
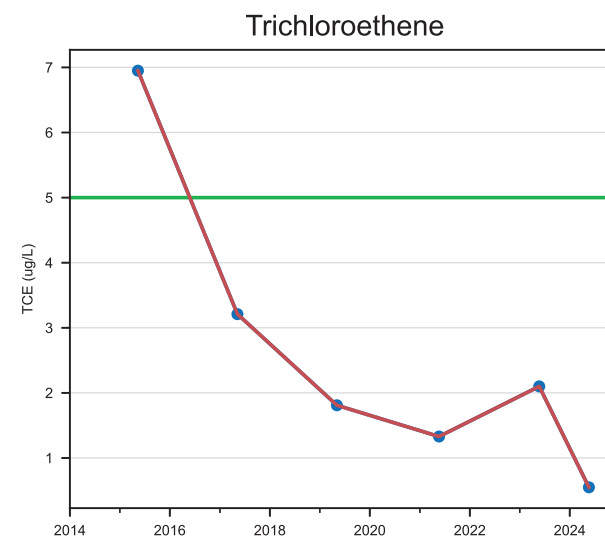
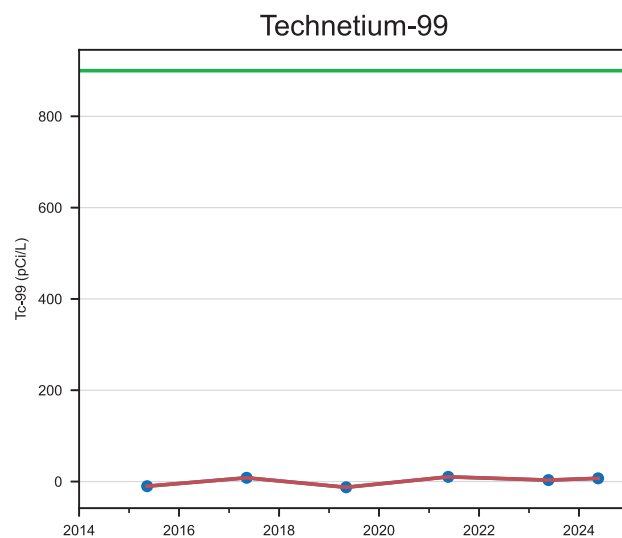
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Figure 173. Tc-99 and TCE at MW447 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/13/2015	< -10.2	6.95
05/09/2017	< 8.22	3.21
05/06/2019	< -12.6	1.81
05/21/2021	< 10.3	1.33
05/23/2023	< 3.21	2.1
05/20/2024	< 7.05	0.55



Notes:

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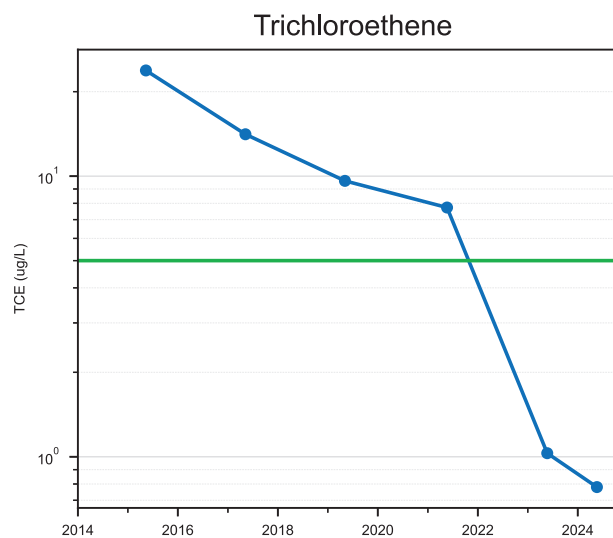
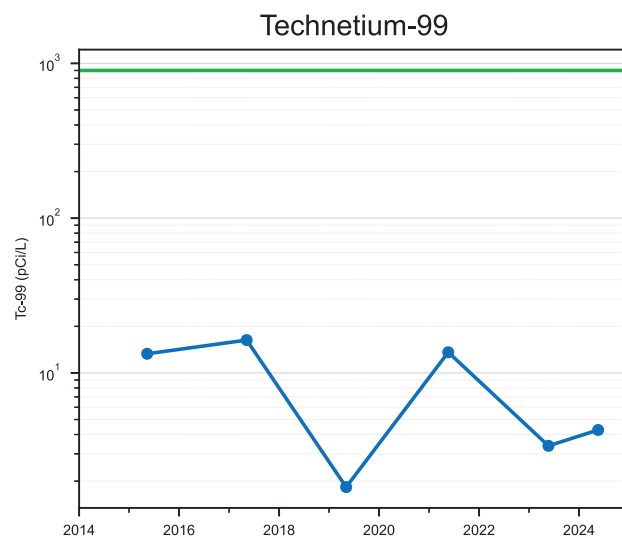
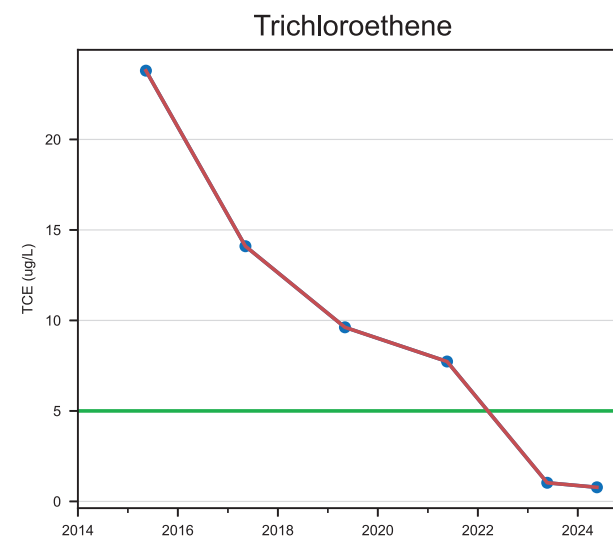
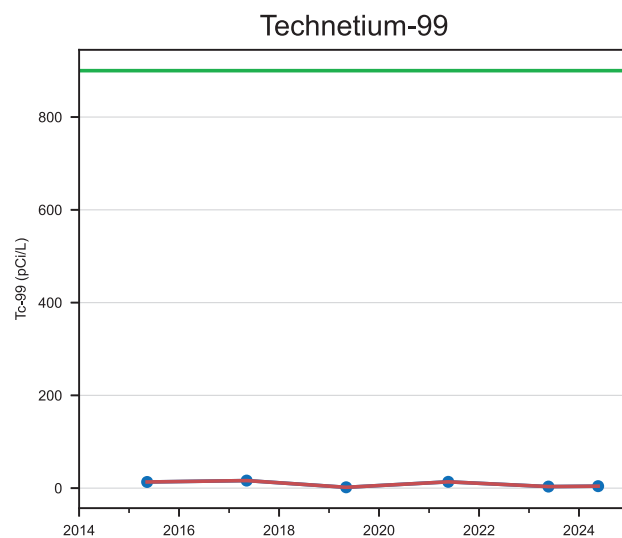

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Figure 174. Tc-99 and TCE at MW448 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/13/2015	< 13.3	23.8
05/09/2017	< 16.3	14.1
05/06/2019	< 1.83	9.62
05/21/2021	< 13.6	7.73
05/23/2023	< 3.38	1.03
05/20/2024	< 4.28	0.78

Notes:

1. < indicates non-detect value below report detection limit.
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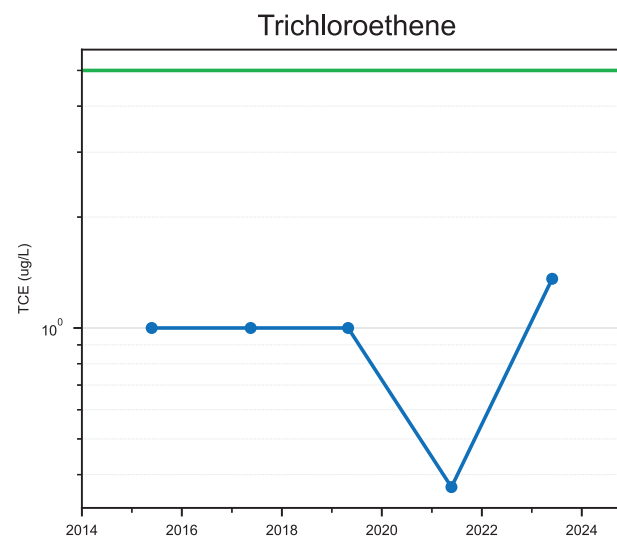
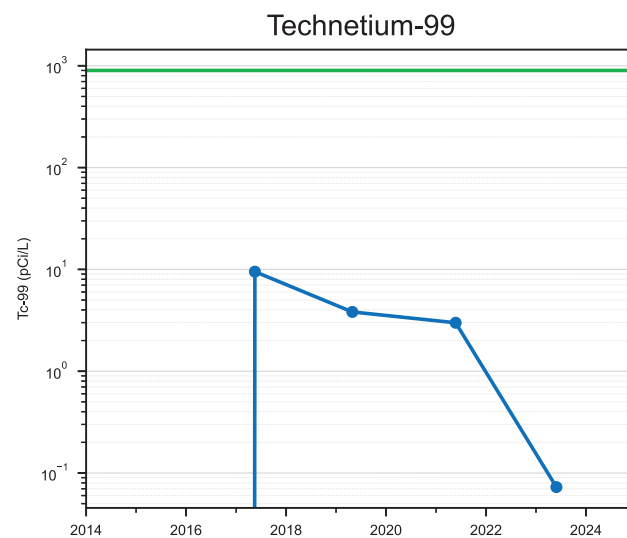
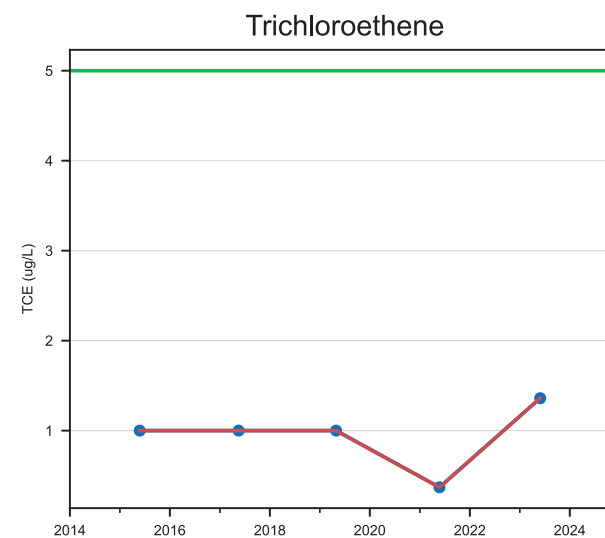
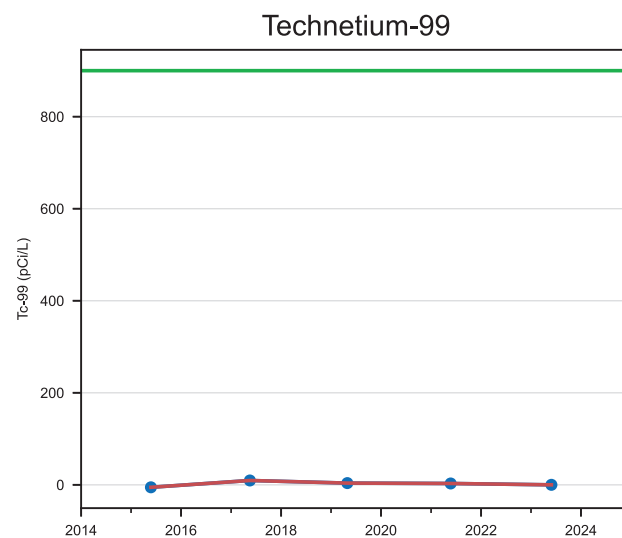
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Figure 175. Tc-99 and TCE at MW450 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/26/2015	< 5,31	< 1,0
05/18/2017	< 9,5	< 1,0
04/30/2019	< 3,82	< 1,0
05/24/2021	< 2,99	0,37
05/30/2023	< 0,0727	1,36



Notes:

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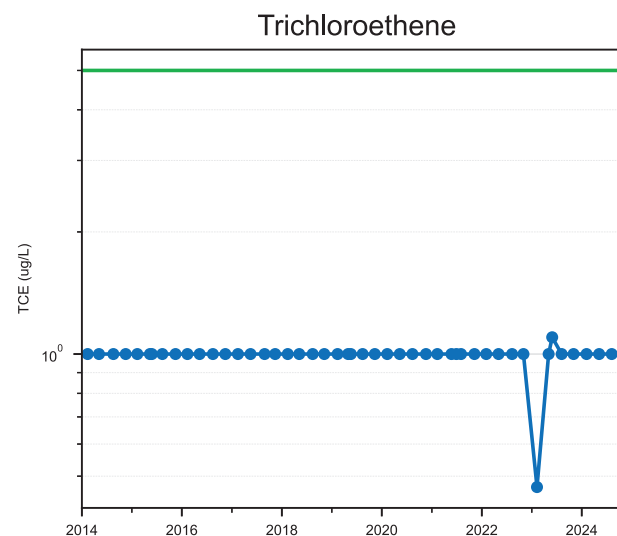
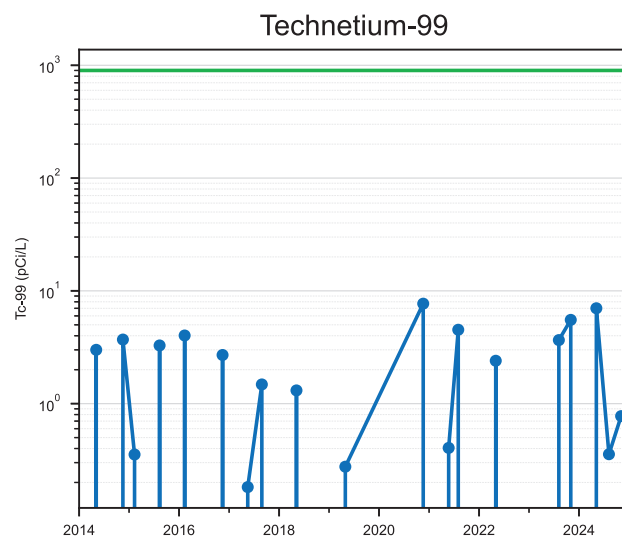
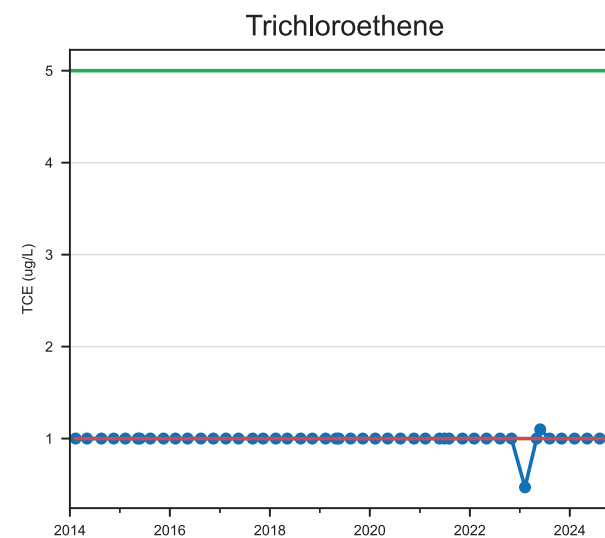
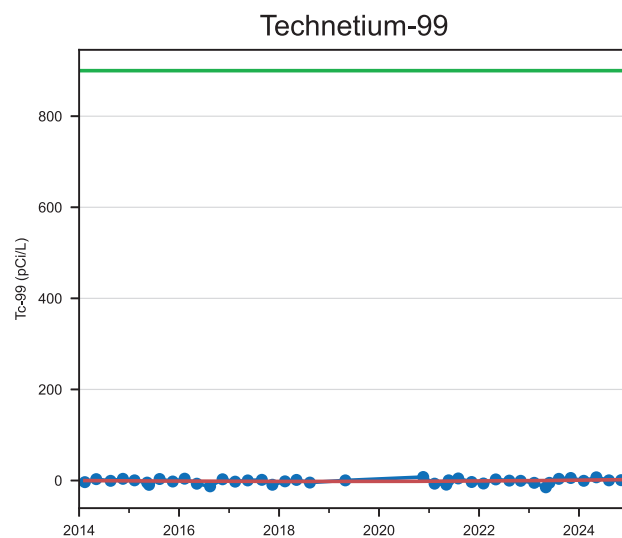

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Figure 176. Tc-99 and TCE at MW451 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/12/2014	< -3.59	< 1.0
05/06/2014	< 3.0	< 1.0
08/19/2014	< -0.708	< 1.0
11/17/2014	< 3.7	< 1.0
02/10/2015	< 0.354	< 1.0
05/13/2015	< -4.59	< 1.0
05/27/2015	< -9.52	< 1.0
08/12/2015	< 3.28	< 1.0
11/16/2015	< -2.18	< 1.0
02/11/2016	< 4.02	< 1.0
05/10/2016	< -7.0	< 1.0
08/15/2016	< -12.8	< 1.0
11/14/2016	< 2.7	< 1.0
02/14/2017	< -2.5	< 1.0
05/17/2017	< 0.182	< 1.0
08/28/2017	< 1.48	< 1.0
11/13/2017	< -9.32	< 1.0
02/13/2018	< -1.8	< 1.0
05/08/2018	< 1.31	< 1.0
08/14/2018	< -4.54	< 1.0
11/07/2018		< 1.0
02/12/2019		< 1.0
04/30/2019	< 0.276	< 1.0
05/20/2019		< 1.0
08/14/2019		< 1.0
11/11/2019		< 1.0
02/10/2020		< 1.0
05/11/2020		< 1.0
08/12/2020		< 1.0
11/19/2020	< 7.7	< 1.0
02/10/2021	< -6.91	< 1.0
05/07/2021	< -9.06	
05/24/2021	< 0.405	< 1.0
06/29/2021		< 1.0
08/02/2021	< 4.52	< 1.0
11/08/2021	< -3.27	< 1.0
02/02/2022	< -6.54	< 1.0
05/03/2022	< 2.4	< 1.0
08/10/2022	< -0.237	< 1.0
11/01/2022	< -0.67	< 1.0
02/08/2023	< -5.1	0.47
05/04/2023	< -14.9	< 1.0
05/30/2023	< -5.12	1.1
08/07/2023	< 3.66	< 1.0
11/02/2023	< 5.53	< 1.0
02/05/2024	< -0.652	< 1.0
05/07/2024	< 7.01	< 1.0
08/07/2024	< 0.356	< 1.0
11/04/2024	< 0.775	< 1.0

Notes:

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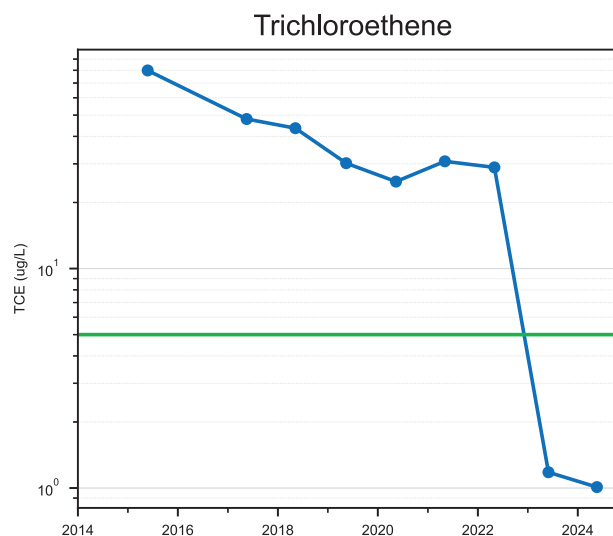
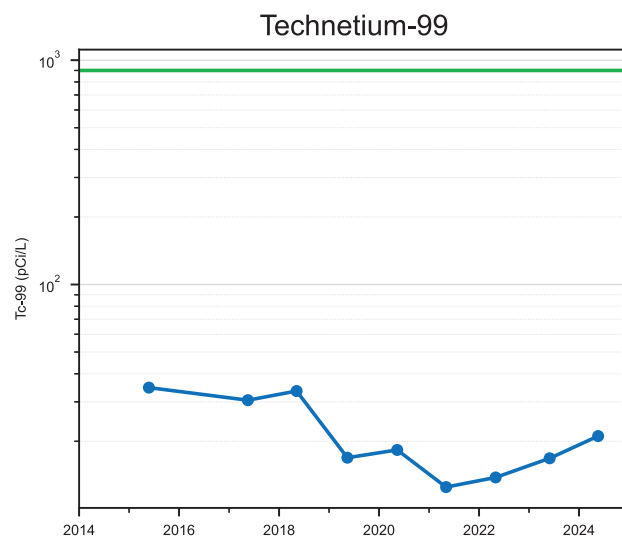
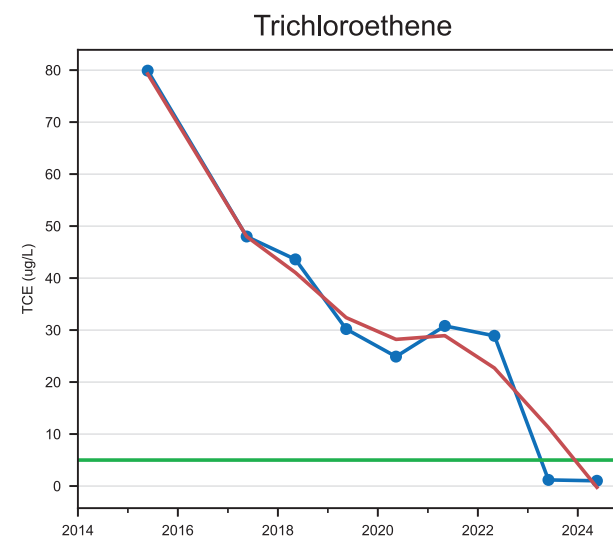
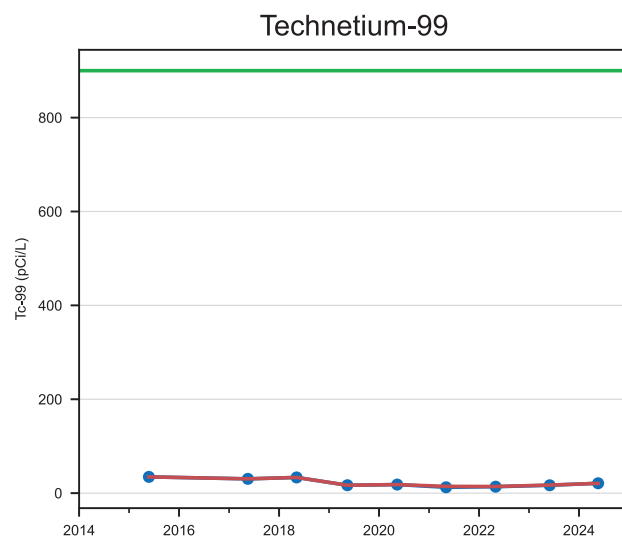
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Figure 177. Tc-99 and TCE at MW452 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/26/2015	34.7	79.9
05/18/2017	30.5	48.0
05/09/2018	33.5	43.6
05/15/2019	< 16.9	30.2
05/13/2020	< 18.3	24.9
05/05/2021	< 12.5	30.8
05/02/2022	< 13.8	28.9
06/01/2023	< 16.8	1.18
05/20/2024	21.1	1.01

Notes:

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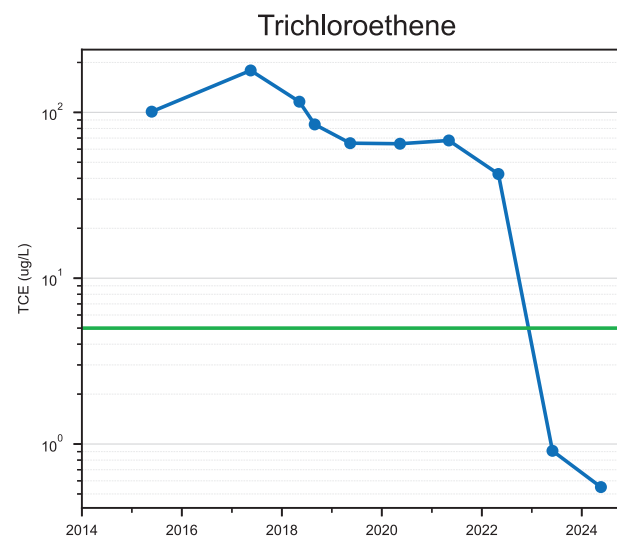
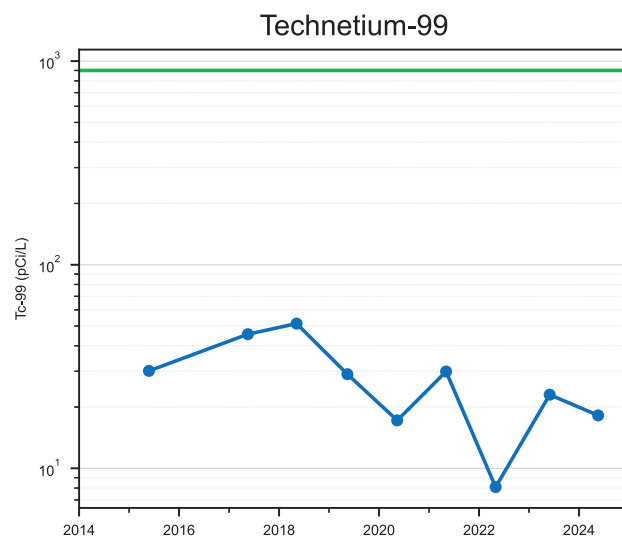
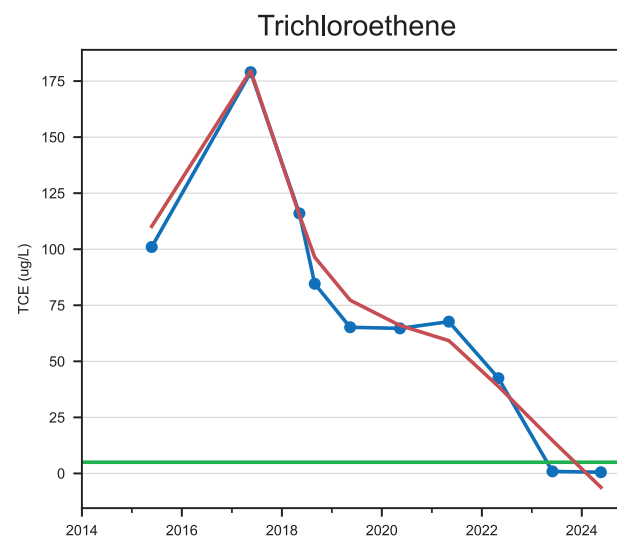
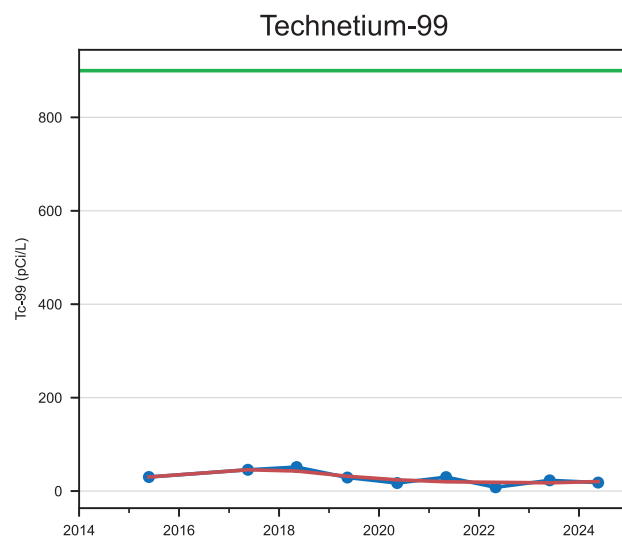

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Figure 178. Tc-99 and TCE at MW453 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/26/2015	30.1	101.0
05/18/2017	45.6	179.0
05/09/2018	51.4	116.0
08/29/2018		84.6
05/15/2019	29.0	65.2
05/13/2020	< 17.2	64.7
05/05/2021	29.9	67.7
05/02/2022	< 8.09	42.5
06/01/2023	23.0	0.91
05/20/2024	18.2	0.55

Notes:

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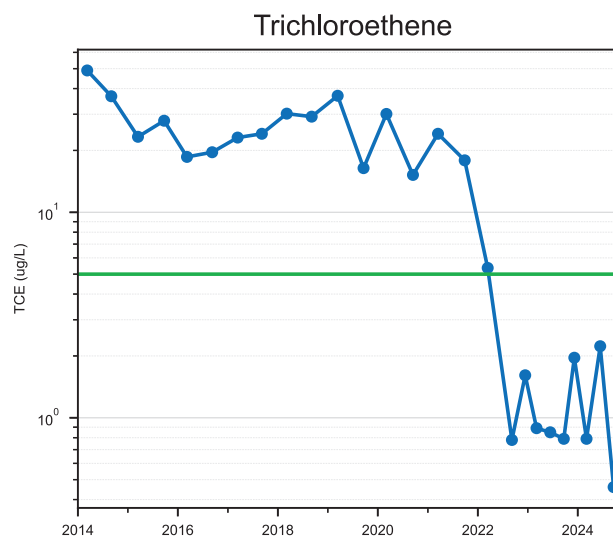
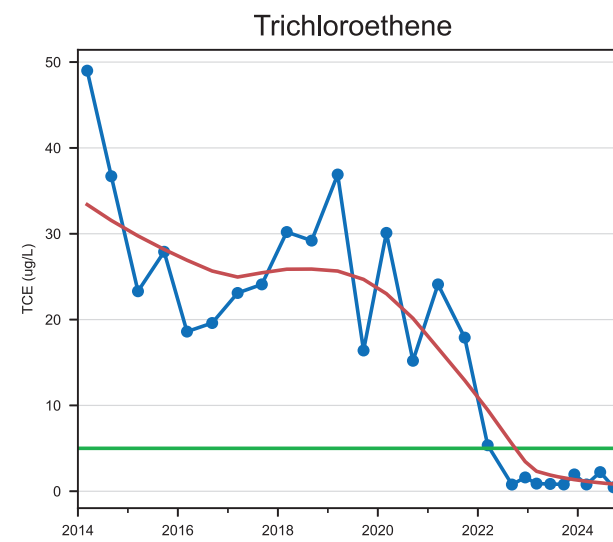
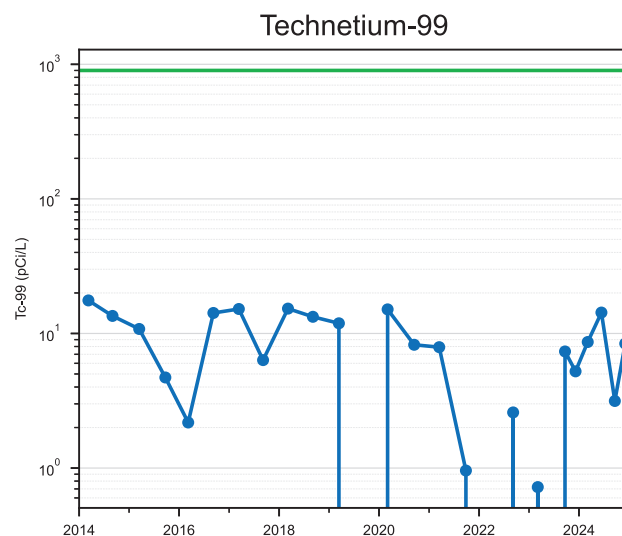
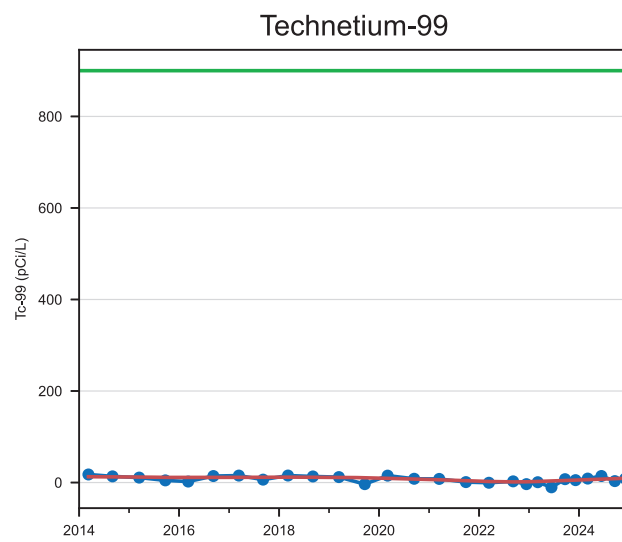
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Figure 179. Tc-99 and TCE at MW454 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/10/2014	17.6	49.0
09/02/2014	< 13.5	36.7
03/16/2015	< 10.8	23.3
09/23/2015	< 4.71	27.9
03/08/2016	< 2.18	18.6
09/08/2016	< 14.2	19.6
03/13/2017	< 15.2	23.1
09/06/2017	< 6.34	24.1
03/07/2018	15.3	30.2
09/05/2018	< 13.3	29.2
03/14/2019	< 11.9	36.9
09/19/2019	< -3.5	16.4
03/04/2020	15.1	30.1
09/14/2020	< 8.24	15.2
03/16/2021	< 7.91	24.1
09/27/2021	< 0.958	17.9
03/14/2022	< -0.474	5.36
09/07/2022	< 2.59	0.78
12/13/2022	< -3.5	1.61
03/06/2023	< 0.722	0.89
06/14/2023	< -10.4	0.85
09/21/2023	< 7.35	0.79
12/07/2023	< 5.23	1.96
03/05/2024	< 8.64	0.79
06/13/2024	14.3	2.23
09/19/2024	< 3.15	0.46
12/04/2024	< 8.41	1.29

Notes:

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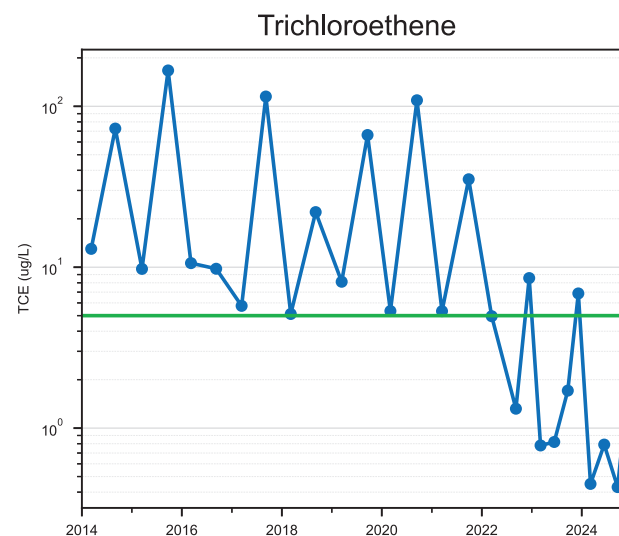
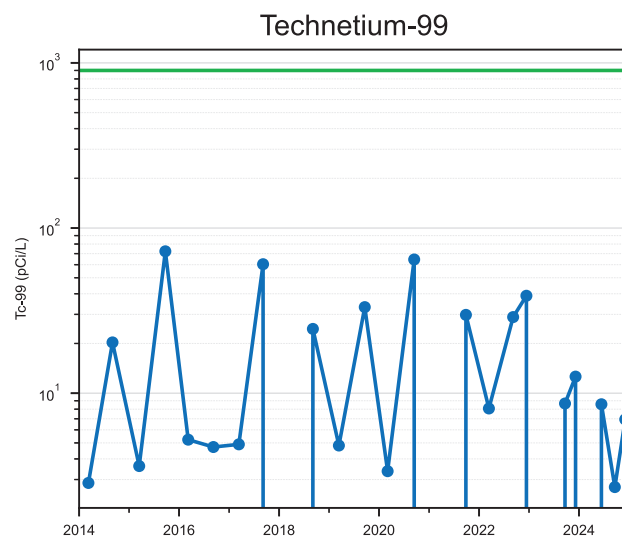
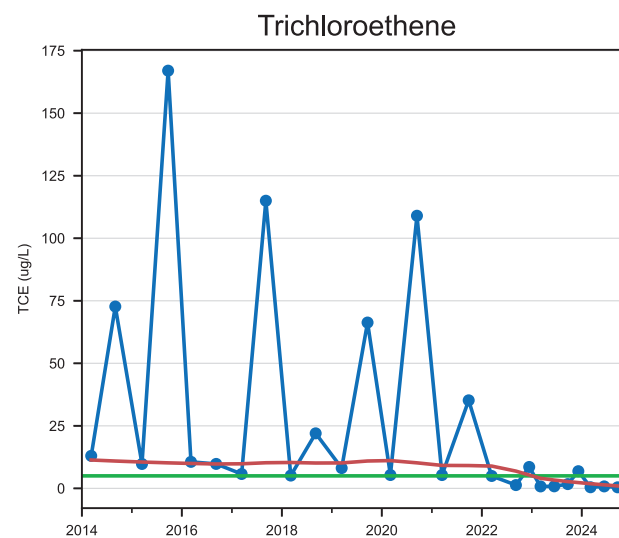
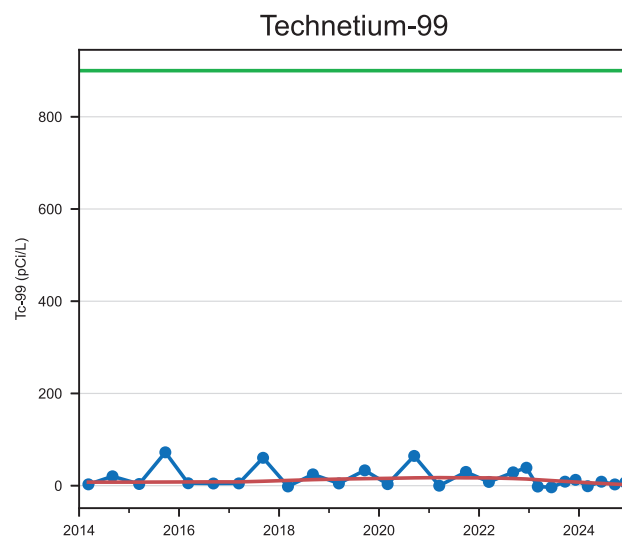
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Figure 180. Tc-99 and TCE at MW455 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/10/2014	< 2,86	13.0
09/02/2014	< 20,3	72,7
03/16/2015	< 3,62	9,76
09/23/2015	72,3	167,0
03/08/2016	< 5,23	10,6
09/08/2016	< 4,72	9,78
03/13/2017	< 4,9	5,75
09/06/2017	60,4	115,0
03/07/2018	< -1,69	5,12
09/05/2018	24,5	22,0
03/14/2019	< 4,82	8,12
09/19/2019	33,2	66,3
03/04/2020	< 3,37	5,34
09/14/2020	64,5	109,0
03/16/2021	< -0,0413	5,33
09/27/2021	29,8	35,2
03/14/2022	< 8,08	4,96
09/07/2022	28,9	1,32
12/13/2022	38,9	8,56
03/06/2023	< -1,94	0,78
06/14/2023	< -3,54	0,82
09/21/2023	< 8,66	1,71
12/07/2023	12,6	6,87
03/05/2024	< -1,22	0,45
06/13/2024	< 8,57	0,79
09/19/2024	< 2,7	0,43
12/04/2024	< 6,94	1,78

Notes:

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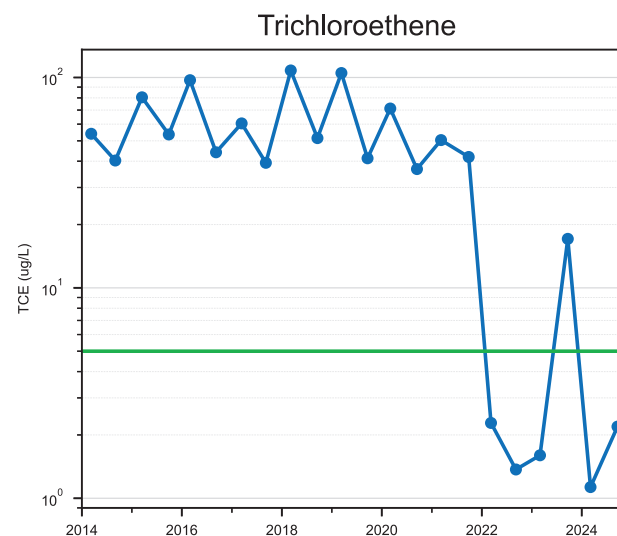
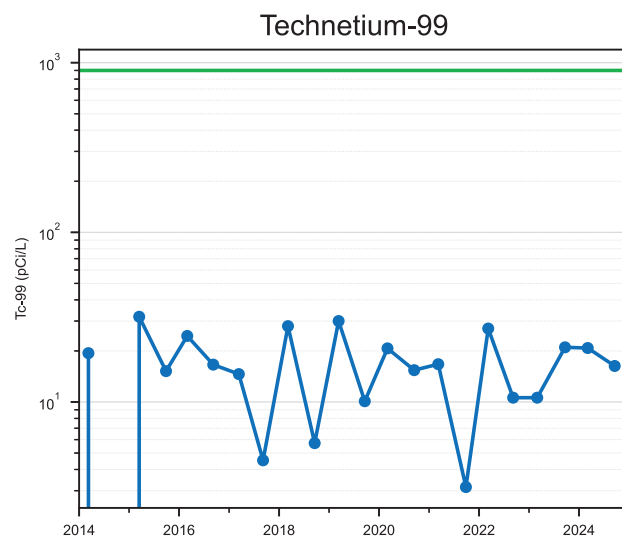
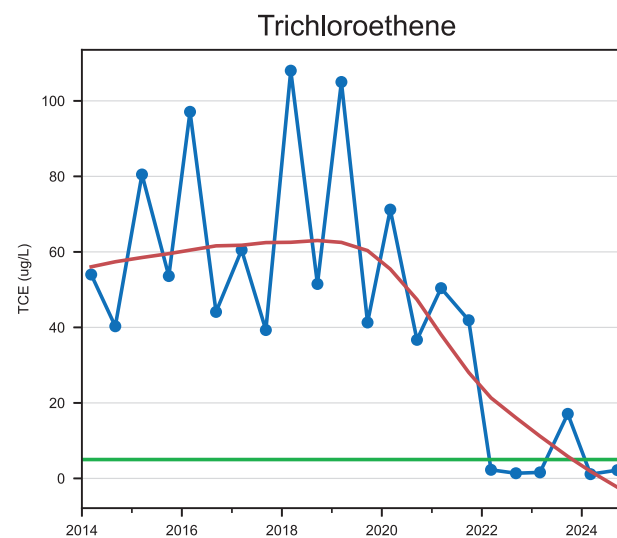
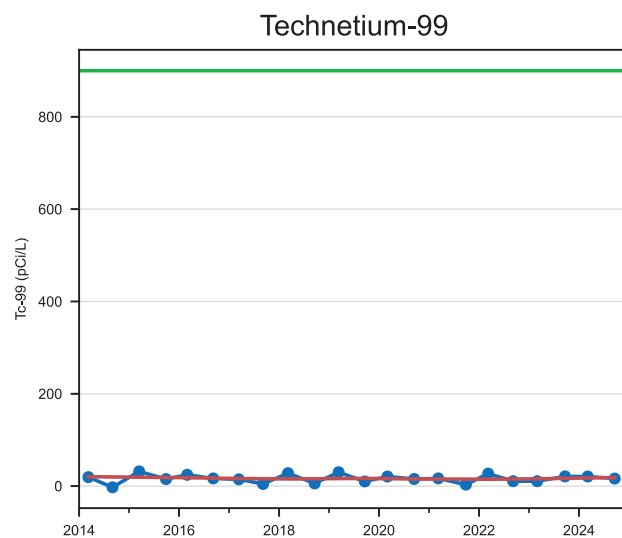

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Figure 181. Tc-99 and TCE at MW456 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/10/2014	19.4	54.0
09/02/2014	< 2.6	40.3
03/16/2015	31.8	80.5
09/28/2015	< 15.2	53.6
03/01/2016	24.5	97.1
09/07/2016	< 16.6	44.1
03/13/2017	< 14.6	60.5
09/06/2017	< 4.53	39.3
03/07/2018	28.0	108.0
09/18/2018	< 5.72	51.5
03/12/2019	30.0	105.0
09/19/2019	< 10.1	41.3
03/03/2020	20.7	71.2
09/14/2020	15.4	36.7
03/09/2021	16.7	50.4
09/27/2021	< 3.15	41.9
03/09/2022	27.1	2.28
09/07/2022	< 10.6	1.37
03/02/2023	10.6	1.6
09/21/2023	21.0	17.1
03/05/2024	20.8	1.13
09/18/2024	16.3	2.19

Notes:

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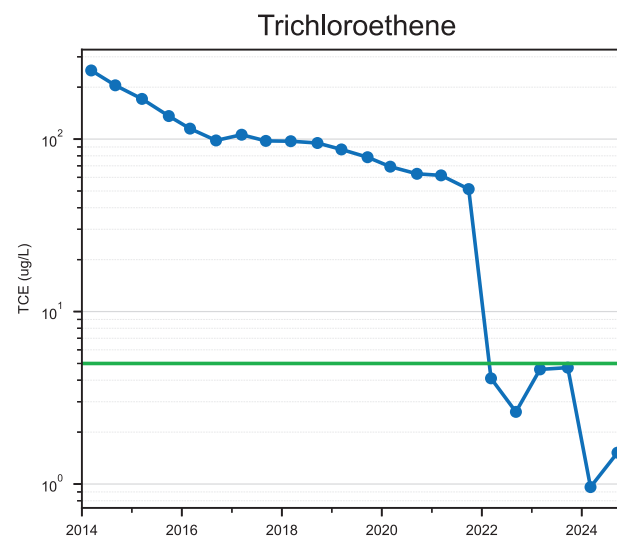
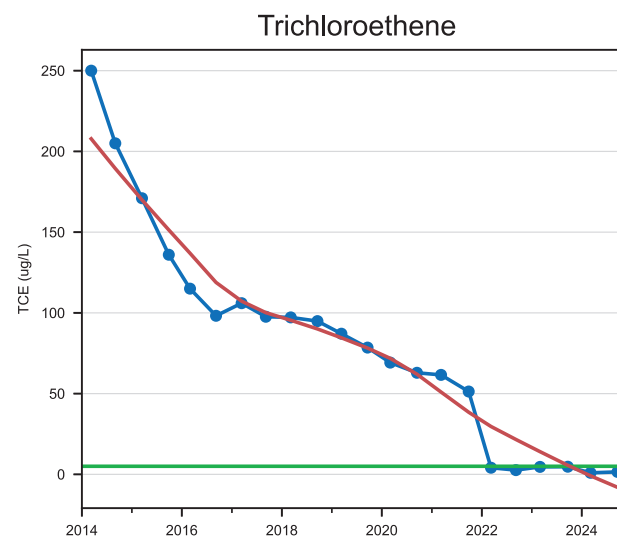
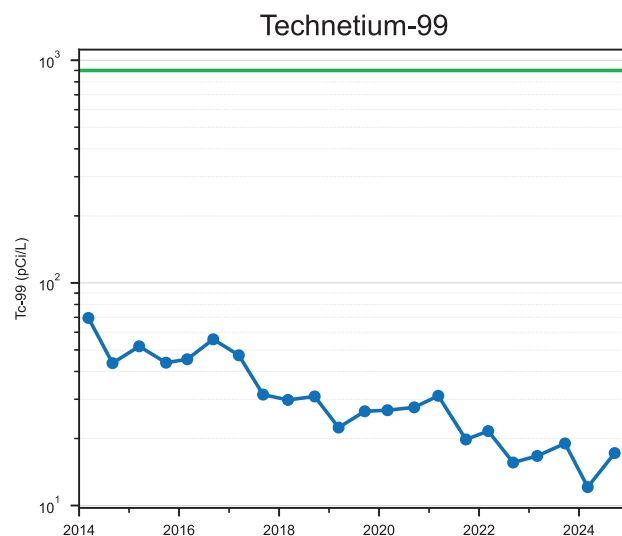
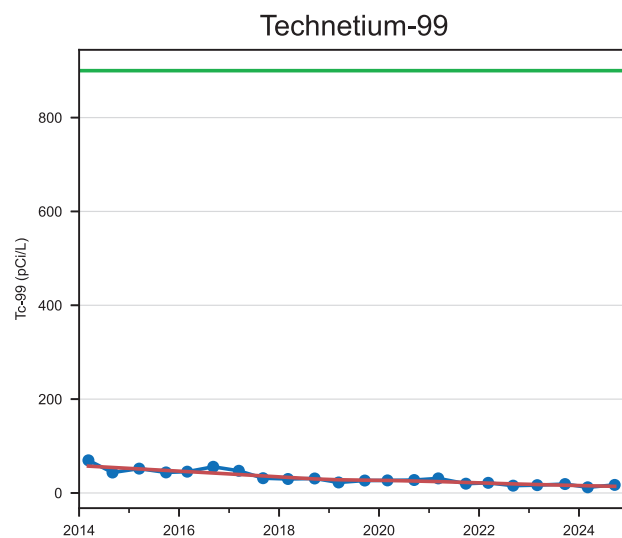

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Figure 182. Tc-99 and TCE at MW457 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/10/2014	69.6	250.0
09/02/2014	43.6	205.0
03/16/2015	51.9	171.0
09/28/2015	43.8	136.0
03/01/2016	45.4	115.0
09/07/2016	55.8	98.2
03/13/2017	47.3	106.0
09/06/2017	31.5	97.6
03/07/2018	29.8	97.2
09/18/2018	30.9	94.9
03/12/2019	22.4	87.1
09/19/2019	26.5	78.5
03/03/2020	26.8	69.2
09/14/2020	27.6	62.9
03/09/2021	31.1	61.6
09/27/2021	19.8	51.3
03/09/2022	21.6	4.1
09/07/2022	15.6	2.62
03/02/2023	16.7	4.62
09/21/2023	19.0	4.73
03/05/2024	< 12.1	0.96
09/18/2024	17.2	1.52

Notes:

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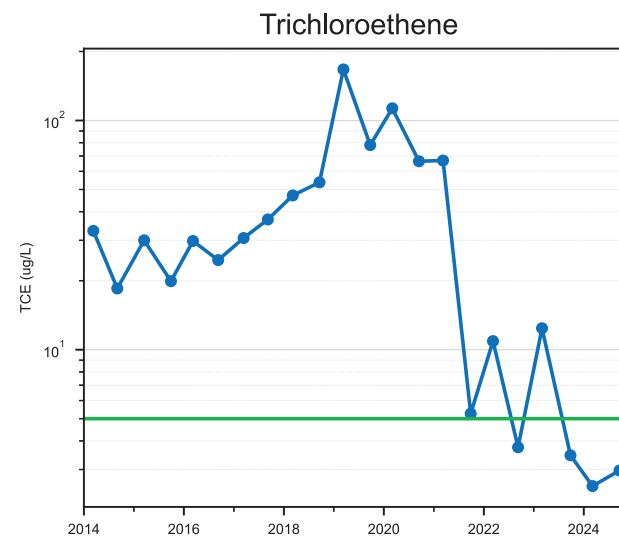
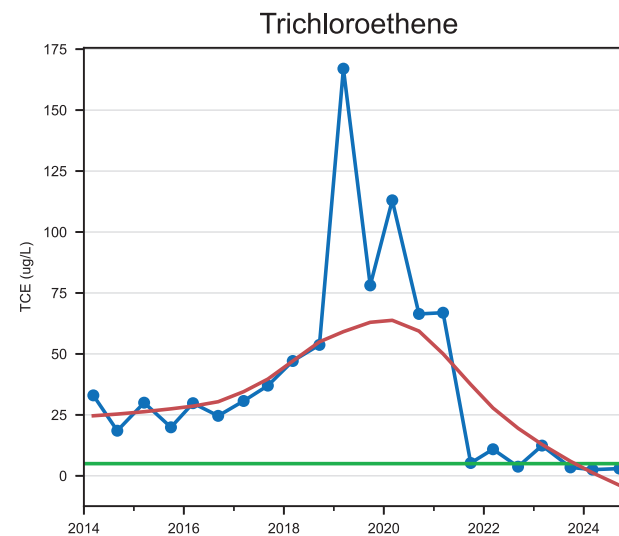
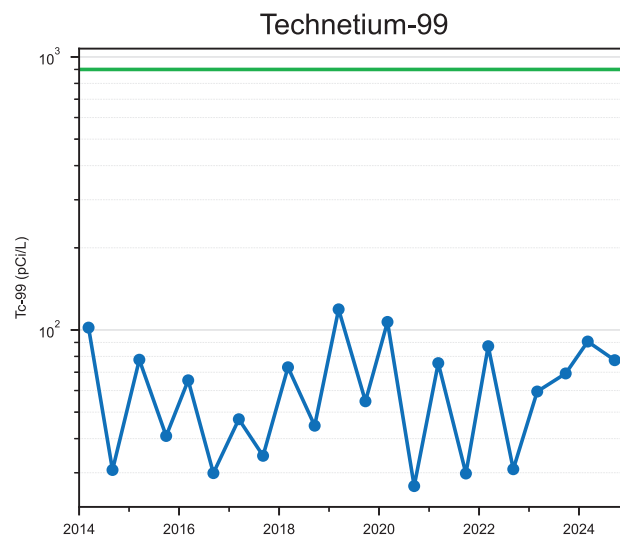
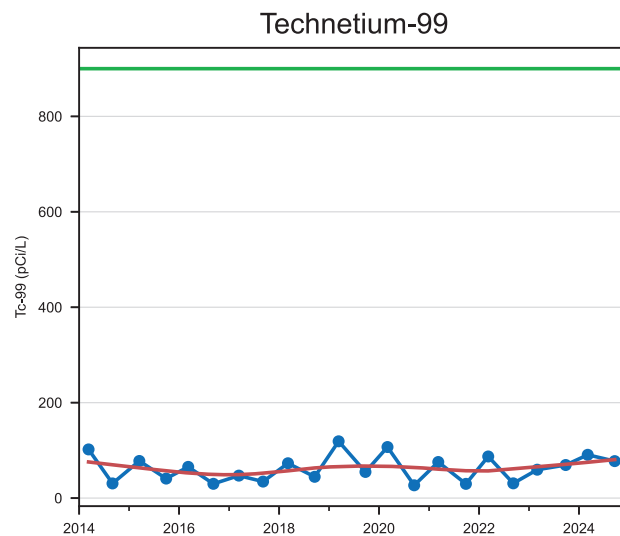
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Figure 183. Tc-99 and TCE at MW458 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/11/2014	102.0	33.0
09/02/2014	30.7	18.5
03/17/2015	77.8	30.0
09/29/2015	40.9	19.9
03/08/2016	65.4	29.8
09/08/2016	29.9	24.6
03/13/2017	47.1	30.7
09/06/2017	34.6	37.0
03/07/2018	73.0	47.1
09/18/2018	44.6	53.7
03/12/2019	119.0	167.0
09/24/2019	54.8	78.1
03/03/2020	107.0	113.0
09/14/2020	26.8	66.4
03/09/2021	75.6	66.9
09/27/2021	29.8	5.26
03/09/2022	87.2	10.9
09/08/2022	30.9	3.75
03/02/2023	59.5	12.4
09/26/2023	69.3	3.46
03/05/2024	90.7	2.54
09/18/2024	77.5	2.97

Notes:

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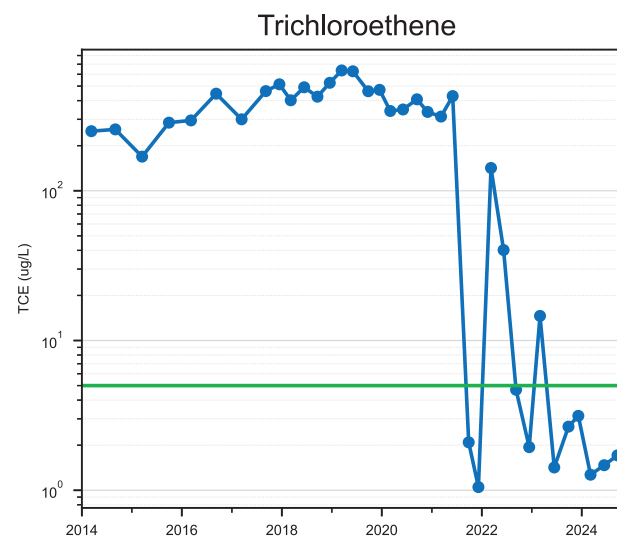
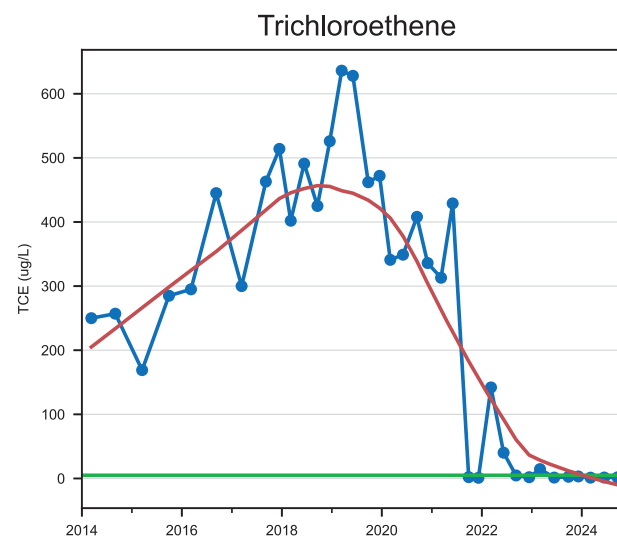
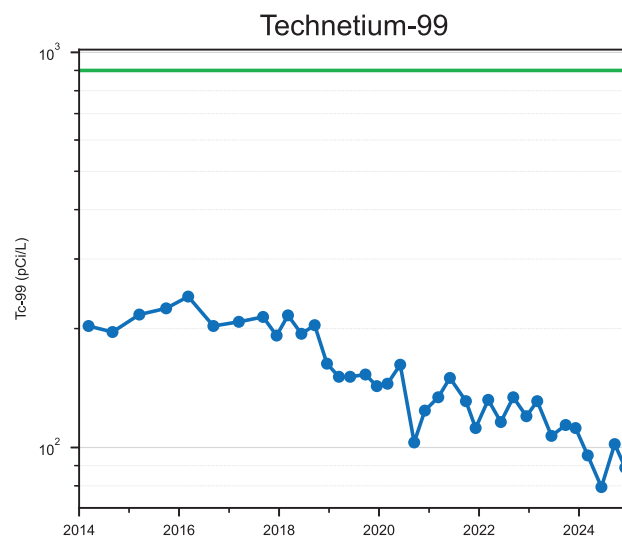
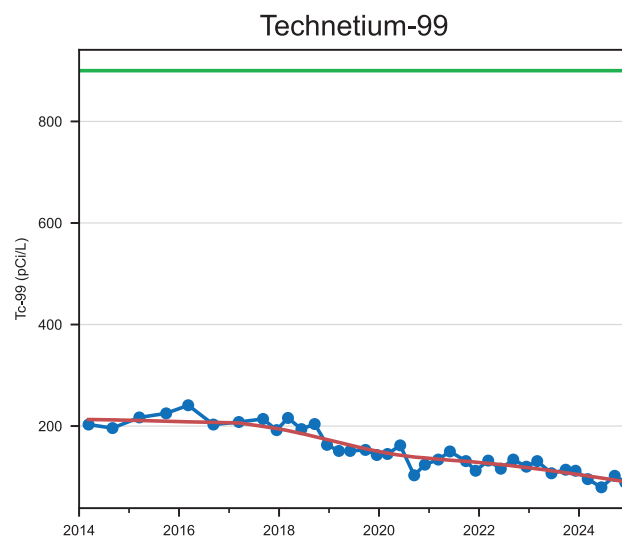
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Figure 184. Tc-99 and TCE at MW459 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/11/2014	203.0	250.0
09/02/2014	196.0	257.0
03/17/2015	217.0	169.0
09/29/2015	225.0	285.0
03/08/2016	241.0	295.0
09/08/2016	203.0	445.0
03/13/2017	208.0	300.0
09/06/2017	214.0	463.0
12/14/2017	192.0	514.0
03/07/2018	216.0	402.0
06/13/2018	194.0	491.0
09/18/2018	204.0	425.0
12/17/2018	163.0	526.0
03/14/2019	151.0	636.0
06/04/2019	151.0	628.0
09/24/2019	153.0	462.0
12/16/2019	143.0	472.0
03/03/2020	145.0	341.0
06/04/2020	162.0	349.0
09/14/2020	103.0	408.0
12/01/2020	124.0	336.0
03/09/2021	134.0	313.0
06/02/2021	150.0	429.0
09/27/2021	131.0	2.09
12/07/2021	112.0	1.05
03/09/2022	132.0	142.0
06/09/2022	116.0	40.2
09/08/2022	134.0	4.69
12/13/2022	120.0	1.94
03/02/2023	131.0	14.6
06/14/2023	107.0	1.42
09/26/2023	114.0	2.66
12/07/2023	112.0	3.14
03/05/2024	95.5	1.27
06/13/2024	79.4	1.47
09/18/2024	102.0	1.71
12/04/2024	88.9	1.58

Notes:

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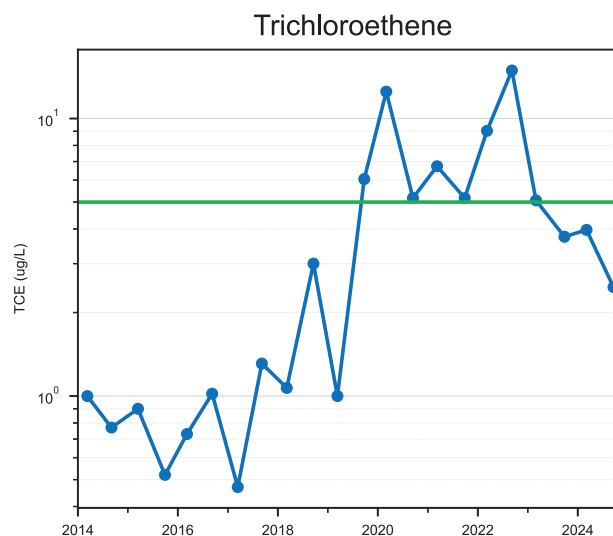
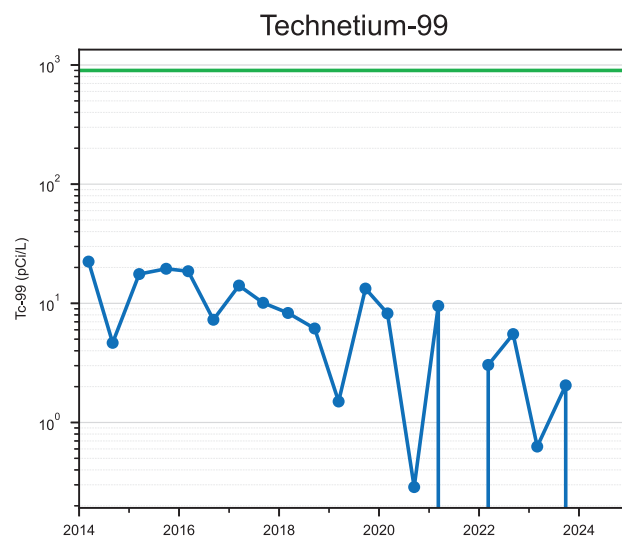
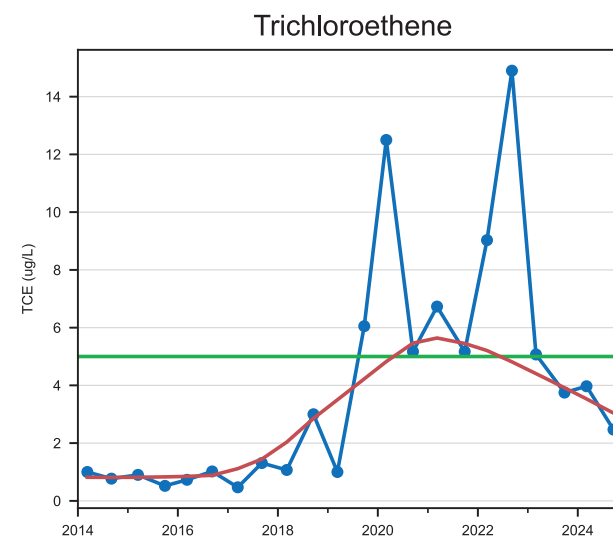
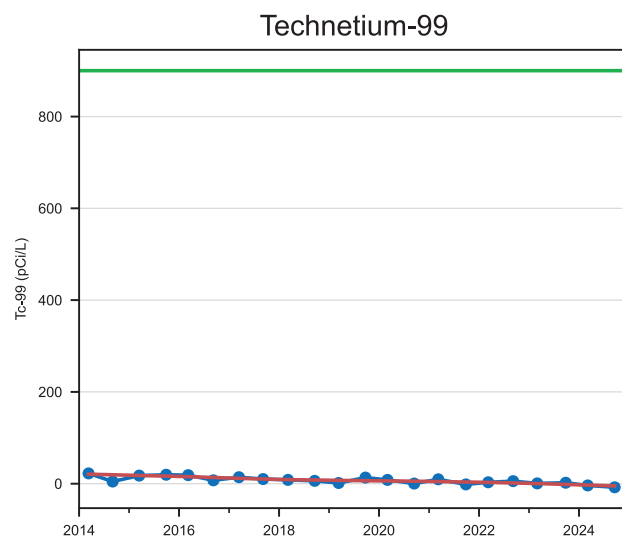
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Figure 185. Tc-99 and TCE at MW460 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/11/2014	22.4	< 1.0
09/03/2014	< 4.66	0.77
03/16/2015	< 17.6	0.9
09/29/2015	< 19.5	0.52
03/08/2016	< 18.6	0.73
09/08/2016	< 7.28	1.02
03/14/2017	< 14.1	0.47
09/06/2017	< 10.1	1.31
03/07/2018	< 8.3	1.07
09/18/2018	< 6.15	3.0
03/12/2019	< 1.5	< 1.0
09/24/2019	< 13.3	6.05
03/03/2020	< 8.23	12.5
09/14/2020	< 0.287	5.17
03/09/2021	< 9.51	6.73
09/27/2021	< 1.59	5.17
03/09/2022	< 3.04	9.03
09/07/2022	< 5.52	14.9
03/02/2023	< 0.628	5.07
09/26/2023	< 2.05	3.75
03/05/2024	< 3.84	3.97
09/18/2024	< 7.89	2.47

Notes:

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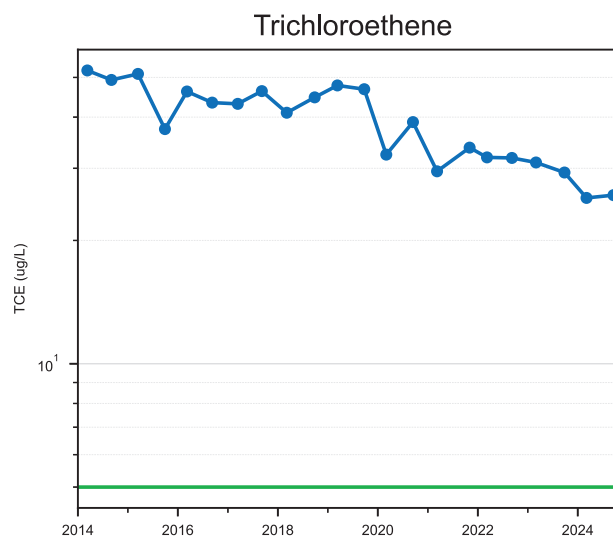
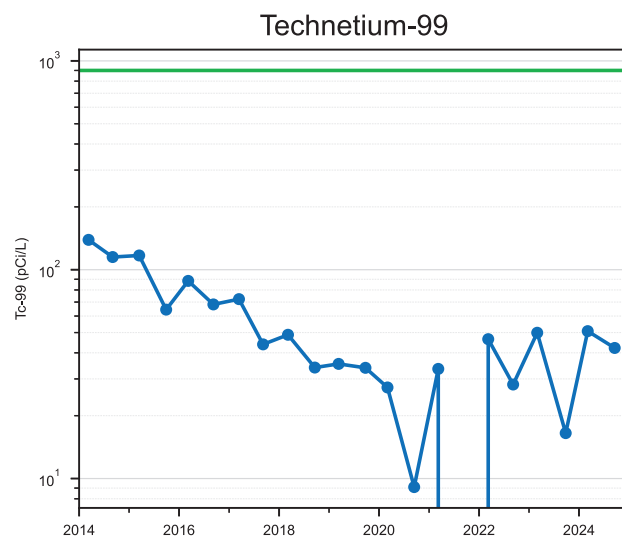
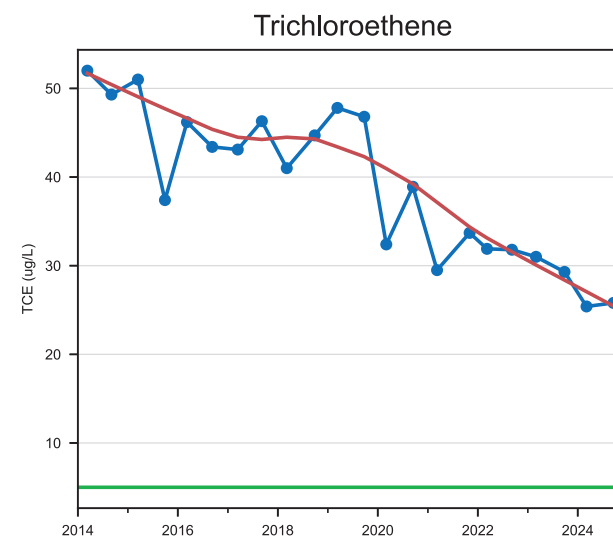
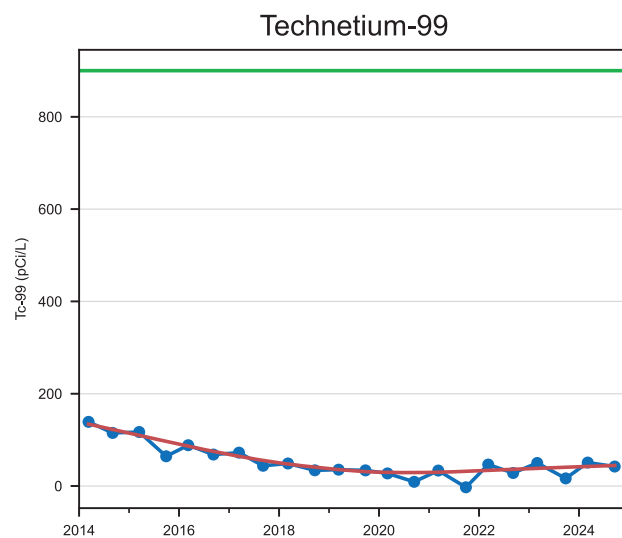
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Figure 186. Tc-99 and TCE at MW461 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/11/2014	139.0	52.0
09/03/2014	115.0	49.3
03/16/2015	117.0	51.0
09/29/2015	64.4	37.4
03/08/2016	88.4	46.2
09/08/2016	68.2	43.4
03/14/2017	72.3	43.1
09/06/2017	43.9	46.3
03/07/2018	48.8	41.0
09/19/2018	34.0	
09/27/2018		44.7
03/12/2019	35.4	47.8
09/24/2019	33.9	46.8
03/03/2020	27.3	32.4
09/14/2020	< 9.1	38.9
03/09/2021	33.5	29.5
09/27/2021	< -2.79	
11/02/2021		33.7
03/09/2022	46.5	31.9
09/07/2022	28.2	31.8
03/02/2023	49.9	31.0
09/26/2023	16.5	29.3
03/05/2024	50.8	25.4
09/18/2024	42.2	25.8

Notes:

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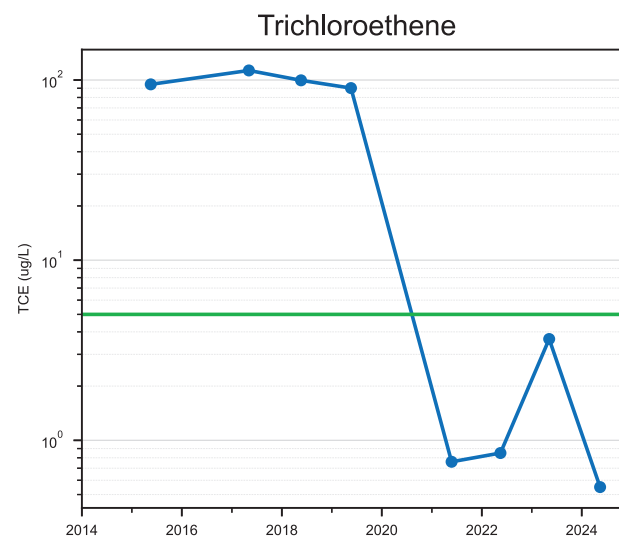
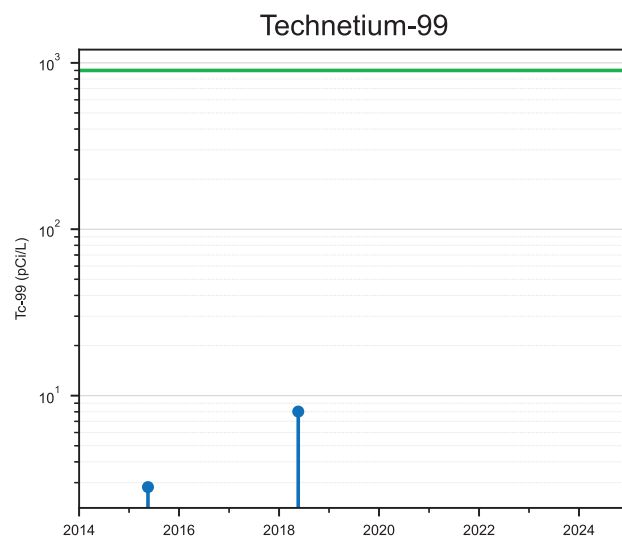
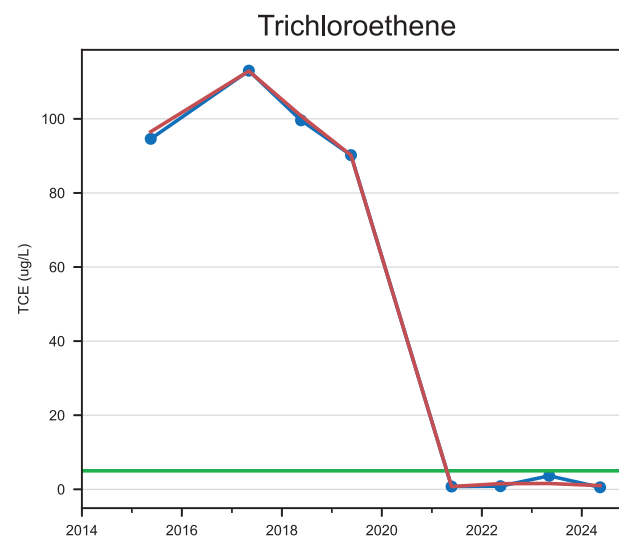
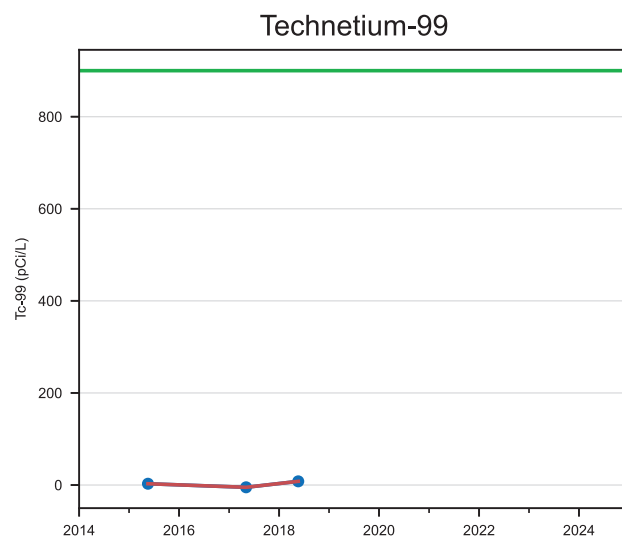
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Figure 187. Tc-99 and TCE at MW462 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/19/2015	< 2.82	94.6
05/05/2017	< 4.92	113.0
05/21/2018	< 8.02	99.6
05/21/2019		90.2
05/25/2021		0.76
05/17/2022		0.85
05/08/2023		3.65
05/14/2024		0.55

Notes:

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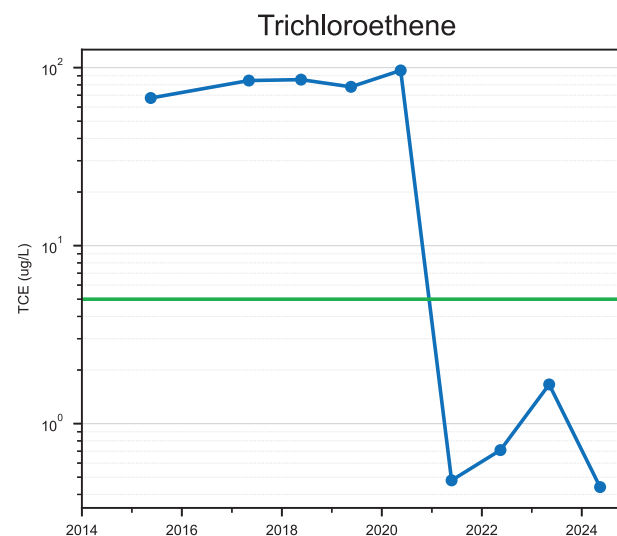
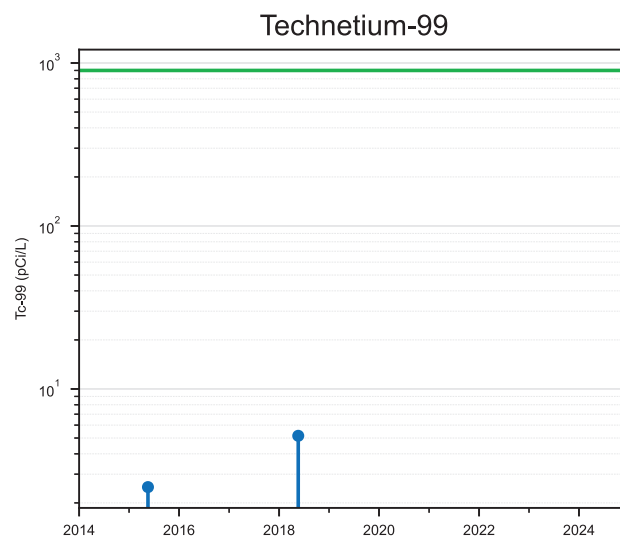
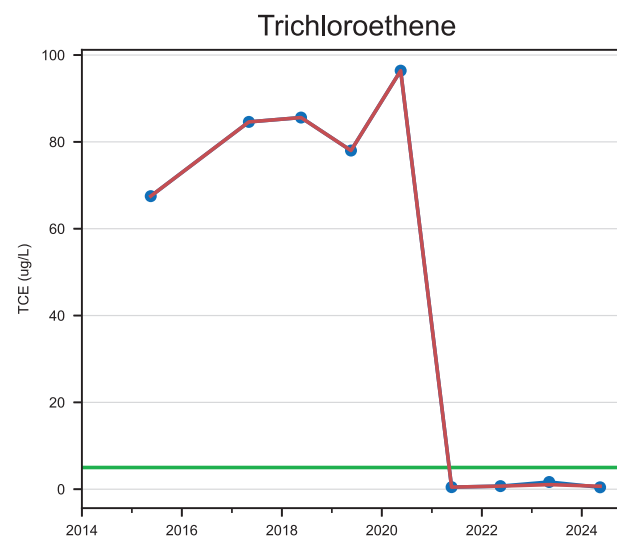
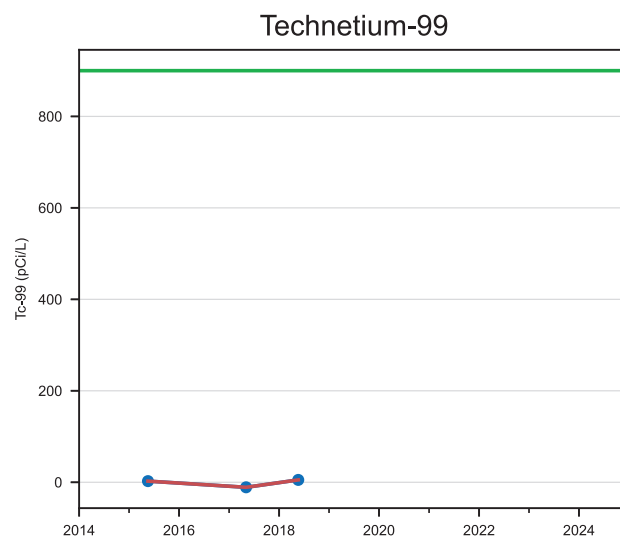
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Figure 188. Tc-99 and TCE at MW463 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/19/2015	< 2,5	67,5
05/05/2017	< 11,0	84,6
05/21/2018	< 5,16	85,6
05/21/2019		78,0
05/18/2020		96,4
05/25/2021		0,48
05/17/2022		0,71
05/08/2023		1,66
05/14/2024		0,44

Notes:

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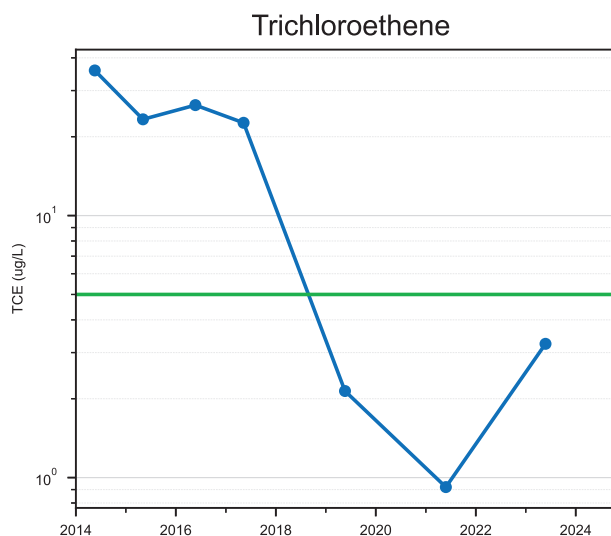
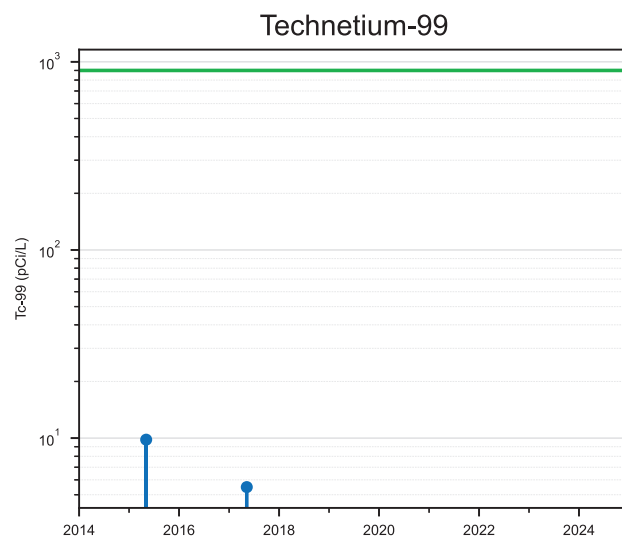
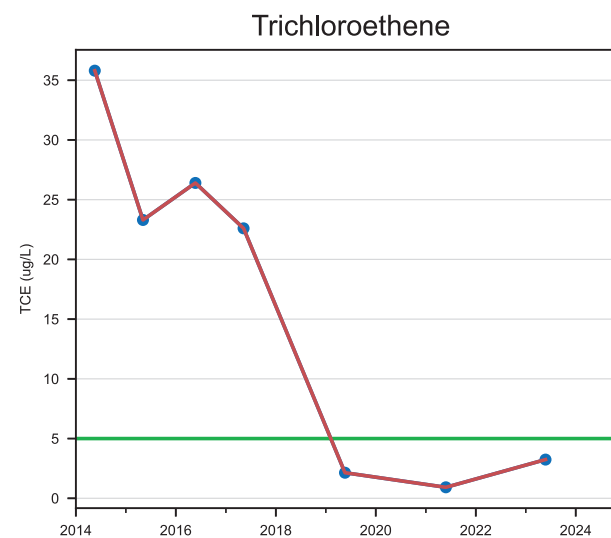
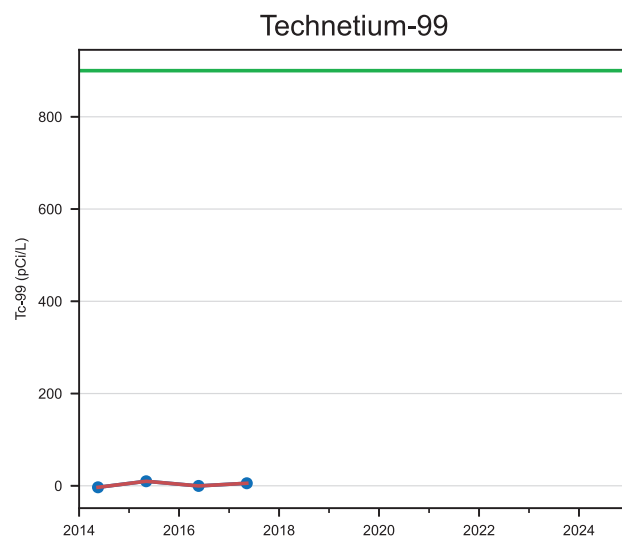
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Figure 189. Tc-99 and TCE at MW464 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/19/2014	< -3.27	35.8
05/06/2015	< 9.81	23.3
05/23/2016	< -0.297	26.4
05/10/2017	< 5.49	22.6
05/21/2019		2.14
05/27/2021		0.92
05/25/2023		3.24

Notes:

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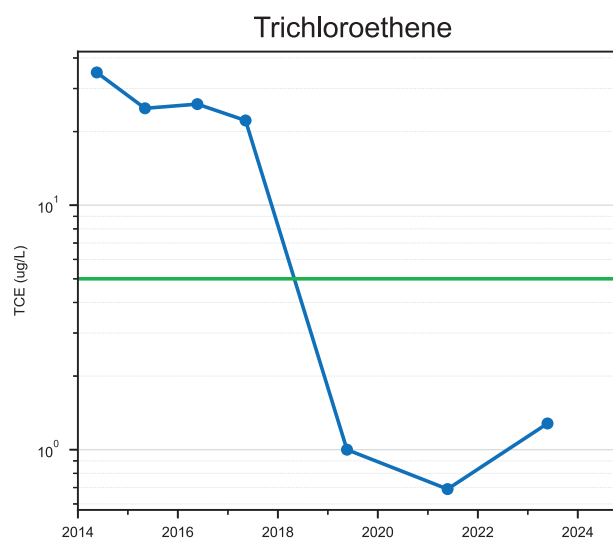
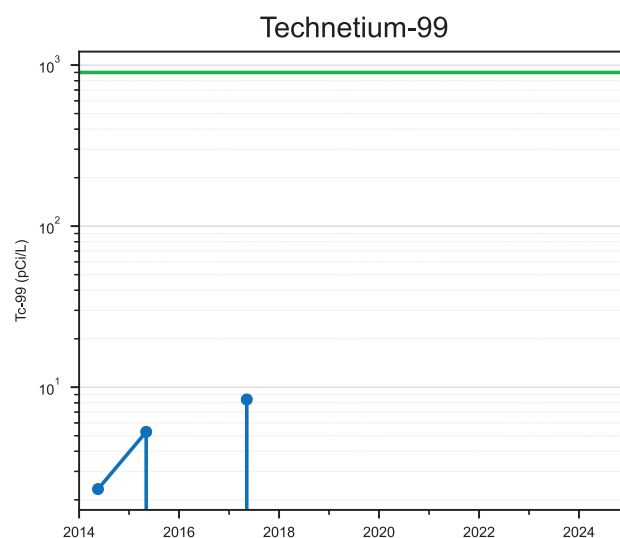
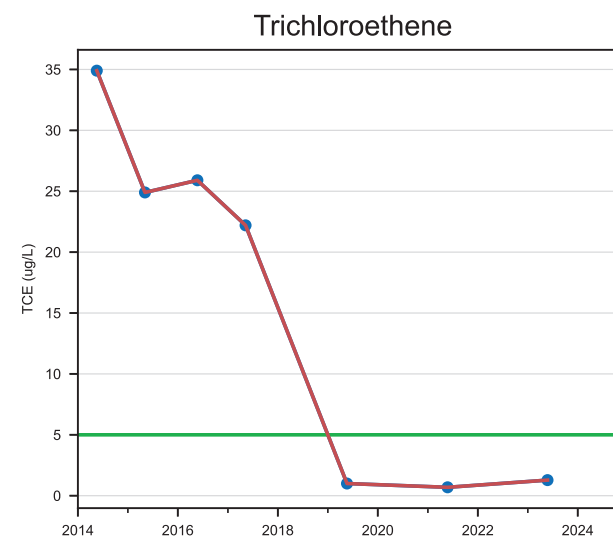
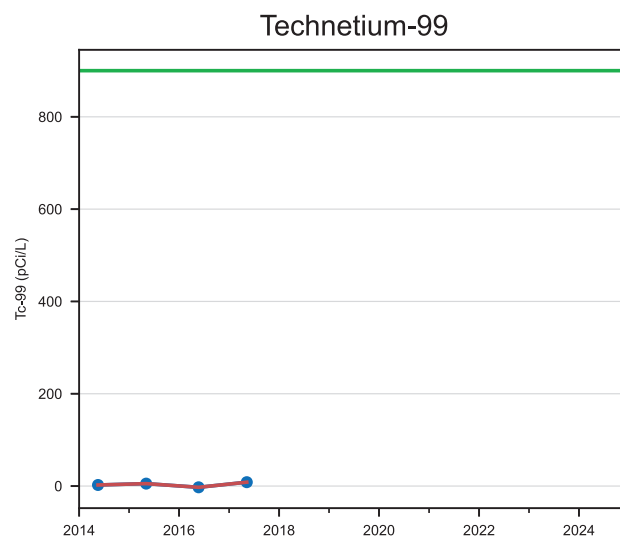
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Figure 190. Tc-99 and TCE at MW465 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/19/2014	< 2.33	34.9
05/06/2015	< 5.28	24.9
05/23/2016	< 2.69	25.9
05/10/2017	< 8.39	22.2
05/21/2019		< 1.0
05/25/2021		0.69
05/25/2023		1.28



Notes:

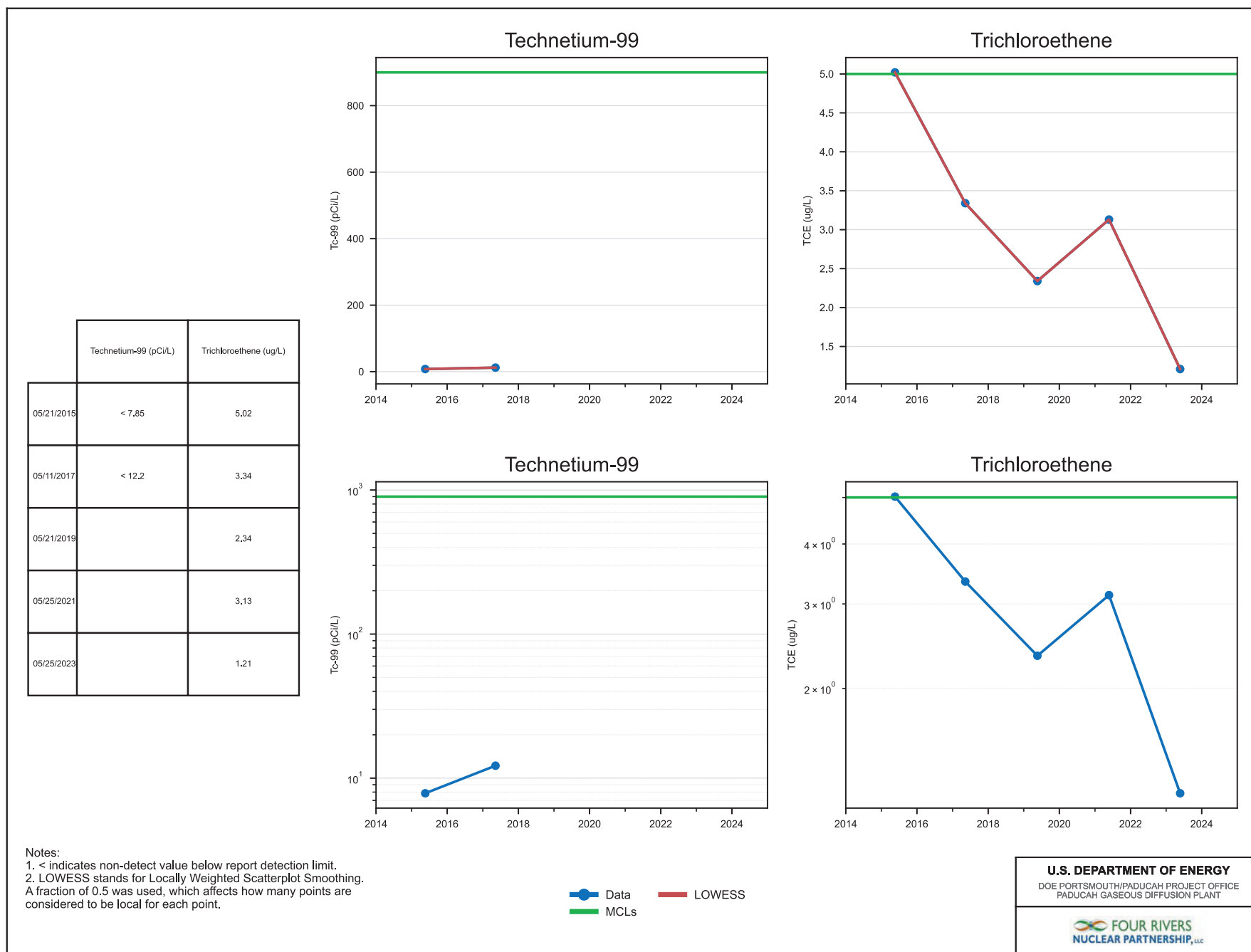
1. < indicates non-detect value below report detection limit.
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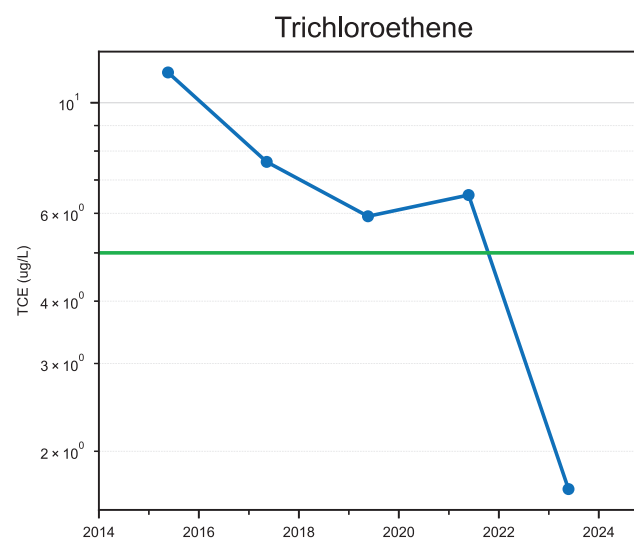
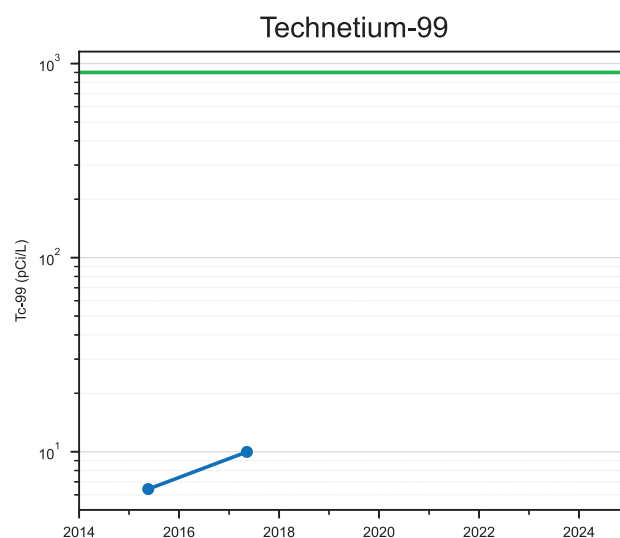
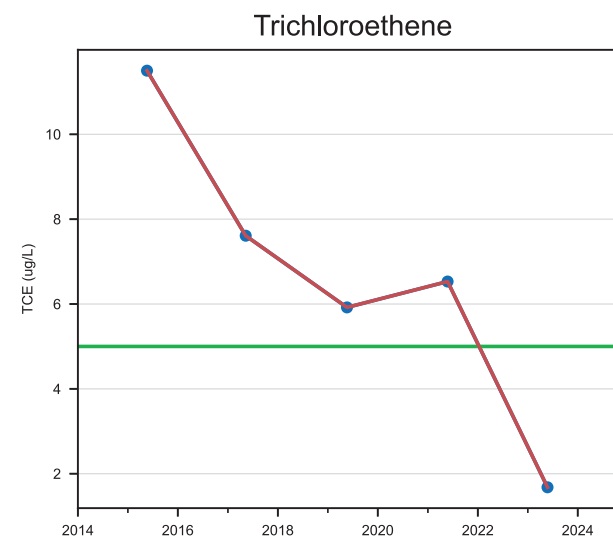
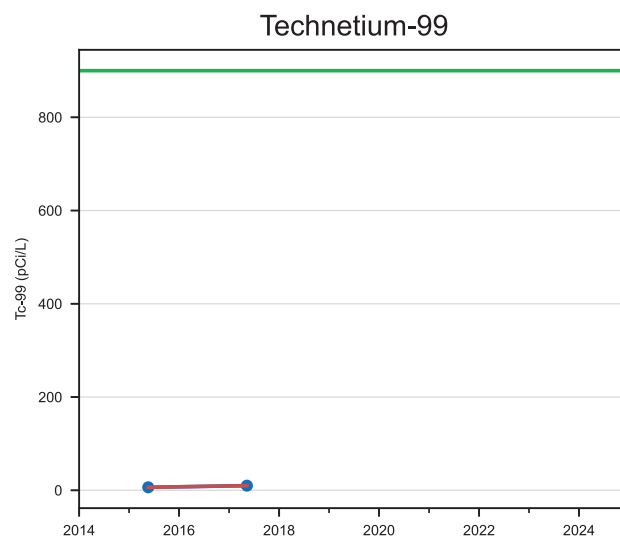
Figure 191. Tc-99 and TCE at MW466 (MRGA)



Source: Trend_Plots_V1.ipynb

Figure 192. Tc-99 and TCE at MW467 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/21/2015	< 6.42	11.5
05/11/2017	< 9.98	7.61
05/21/2019		5.92
05/25/2021		6.53
05/25/2023		1.68



Notes:

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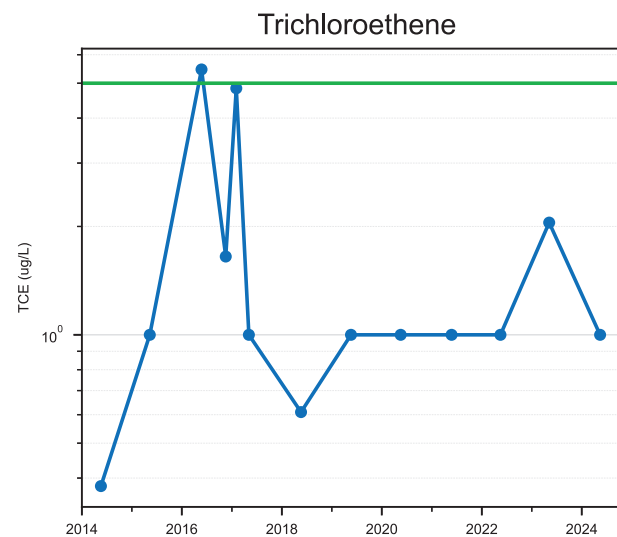
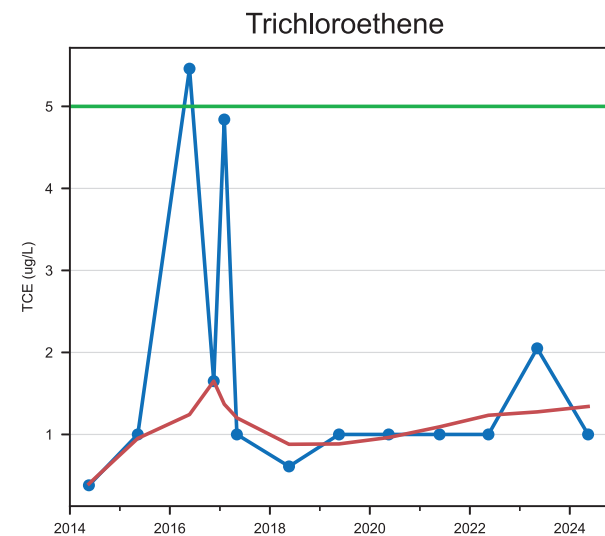
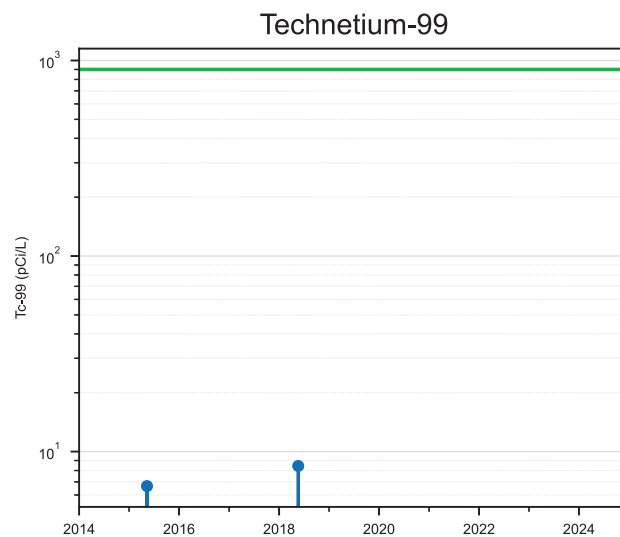
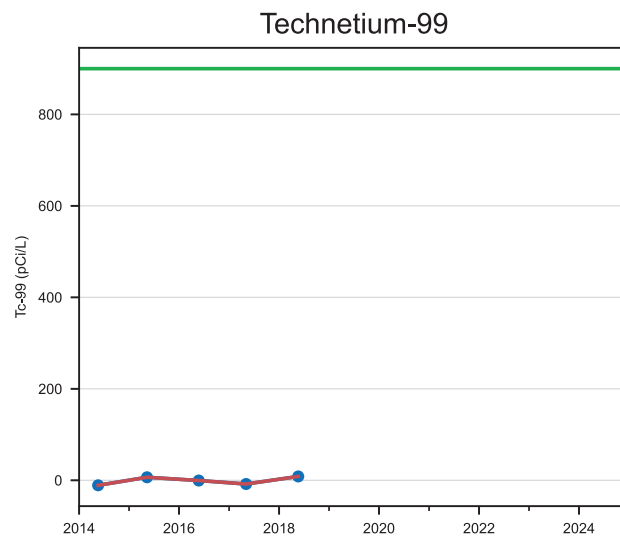
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Figure 193. Tc-99 and TCE at MW468 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/20/2014	< -10.9	0.38
05/12/2015	< 6.66	< 1.0
05/24/2016	< -0.468	5.46
11/17/2016		1.65
02/02/2017		4.84
05/05/2017	< -8.09	< 1.0
05/21/2018	< 8.44	0.61
05/21/2019		< 1.0
05/18/2020		< 1.0
05/25/2021		< 1.0
05/17/2022		< 1.0
05/08/2023		2.05
05/14/2024		< 1.0

Notes:

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- A fraction of 0.5 was used, which affects how many points are considered to be local for each point.



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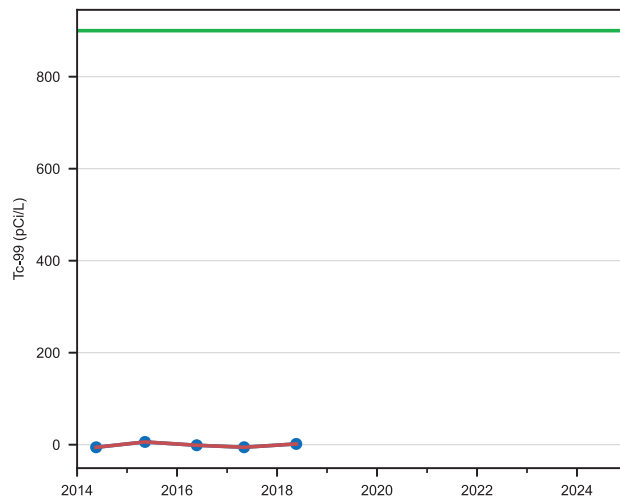
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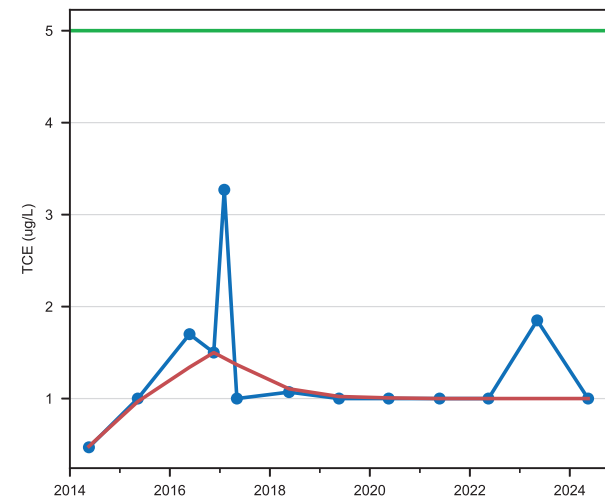
Figure 194. Tc-99 and TCE at MW469 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/20/2014	< -5.72	0.47
05/12/2015	< 5.94	< 1.0
05/24/2016	< -1.29	1.7
11/17/2016		1.5
02/02/2017		3.27
05/05/2017	< -5.59	< 1.0
05/21/2018	< 1.61	1.07
05/21/2019		< 1.0
05/18/2020		< 1.0
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05/08/2023		1.85
05/14/2024		< 1.0

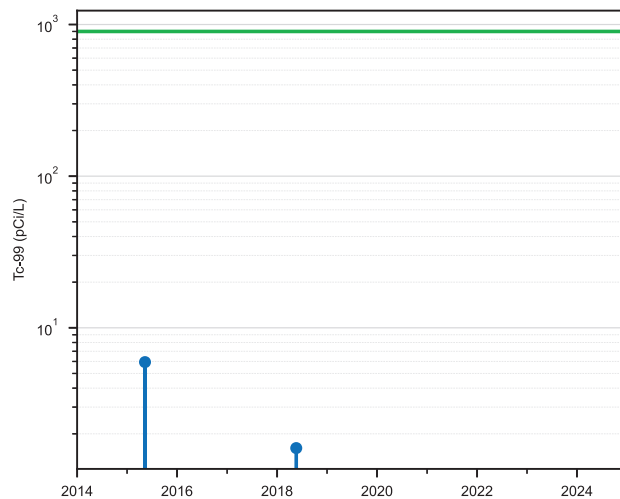
Technetium-99



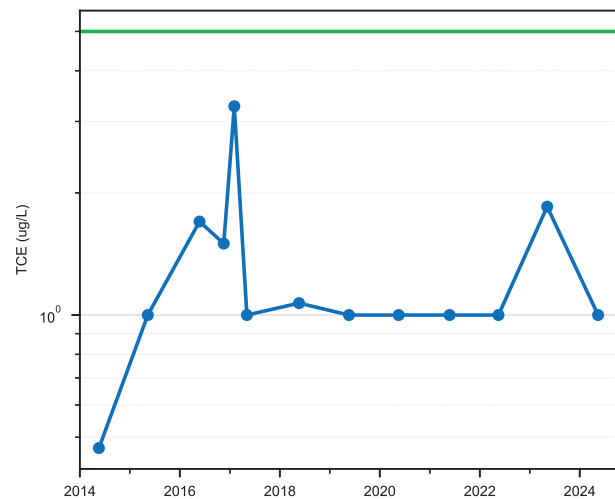
Trichloroethene



Technetium-99



Trichloroethene



Notes:

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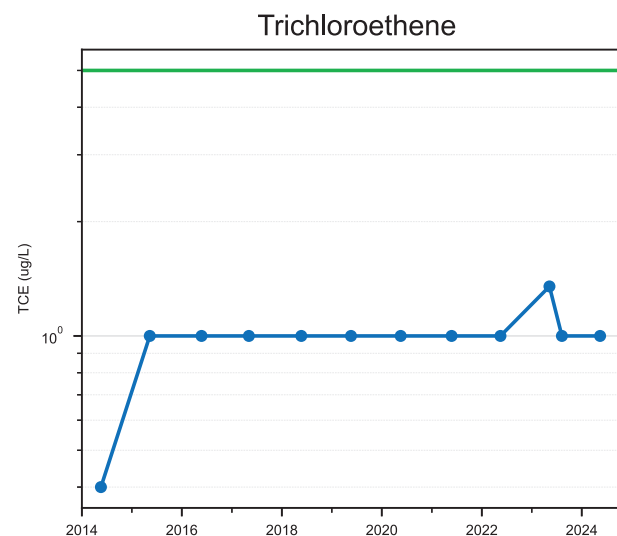
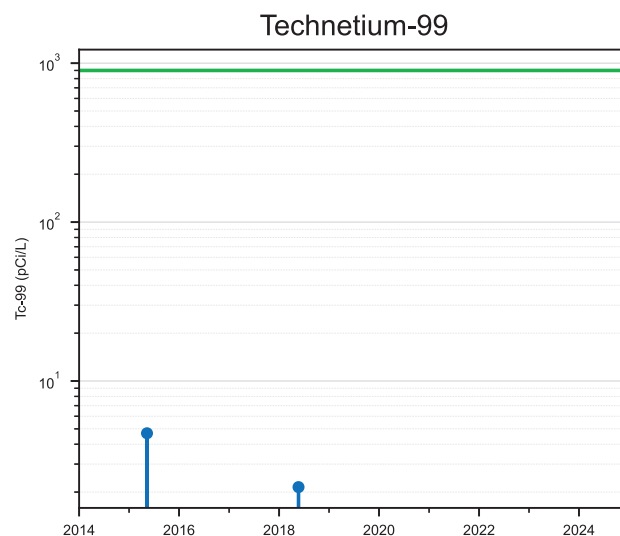
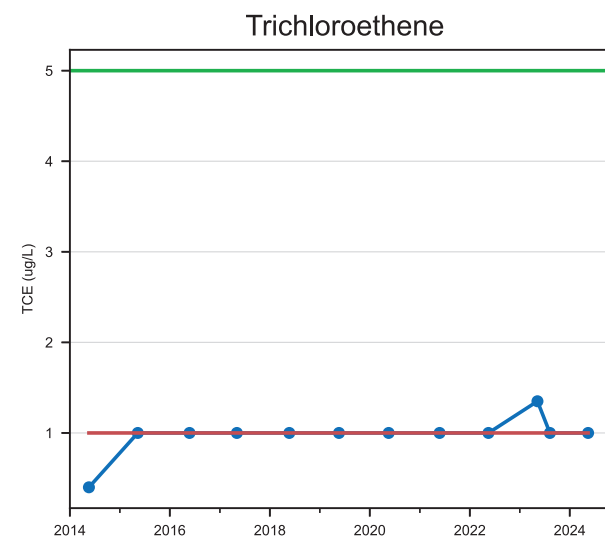
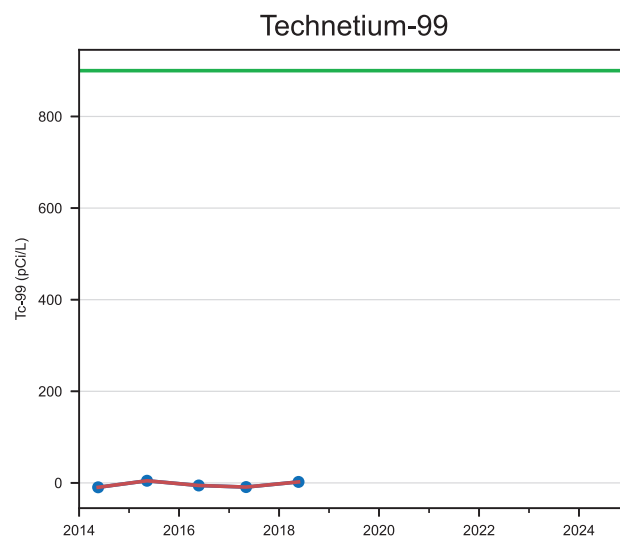
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Figure 195. Tc-99 and TCE at MW470 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/20/2014	< 9.59	0.4
05/12/2015	< 4.69	< 1.0
05/24/2016	< 5.62	< 1.0
05/05/2017	< 9.08	< 1.0
05/23/2018	< 2.15	< 1.0
05/21/2019		< 1.0
05/18/2020		< 1.0
05/25/2021		< 1.0
05/17/2022		< 1.0
05/10/2023		1.35
08/09/2023		< 1.0
05/14/2024		< 1.0

Notes:

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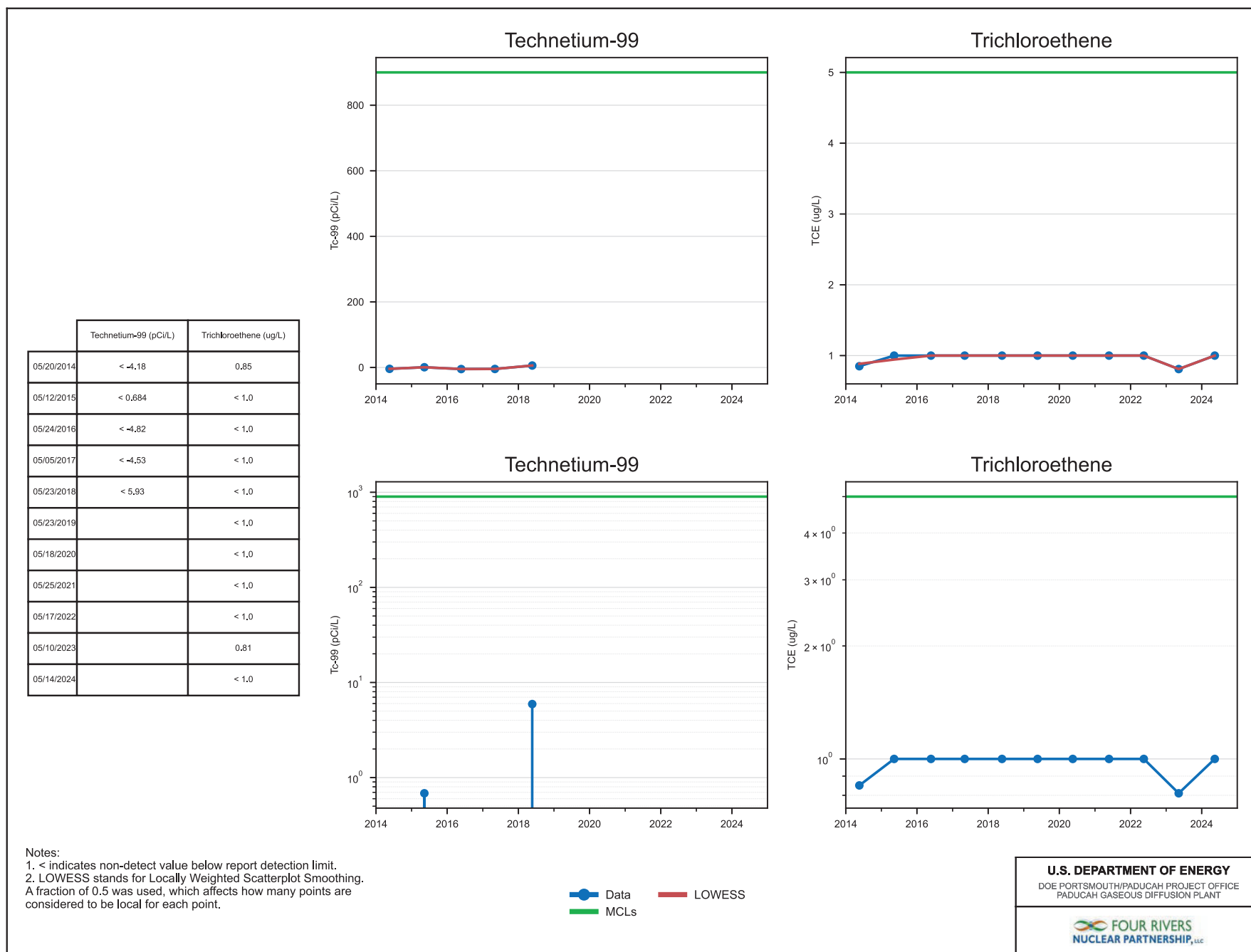


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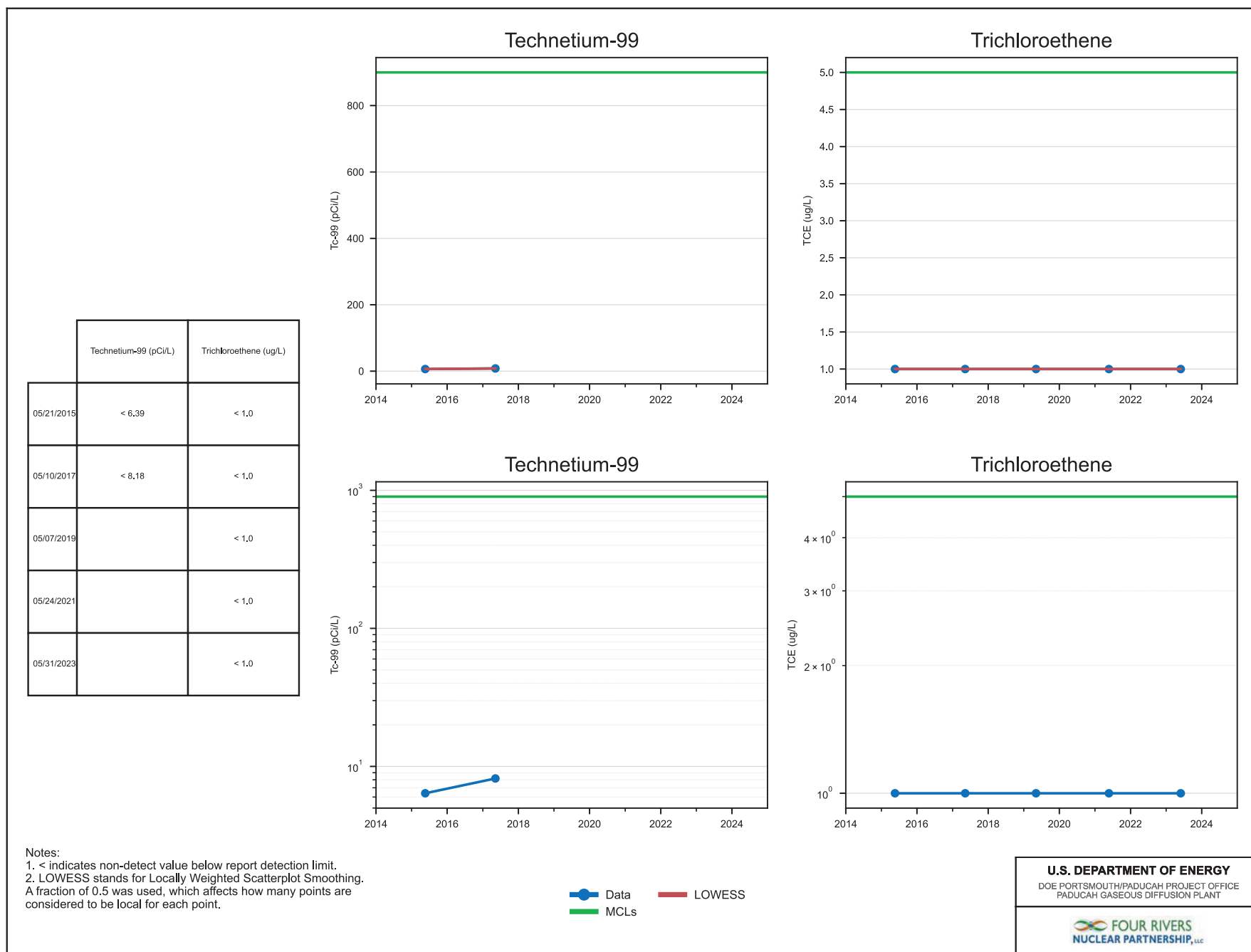
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Figure 196. Tc-99 and TCE at MW471 (MRGA)



Source: Trend_Plots_V1.ipynb

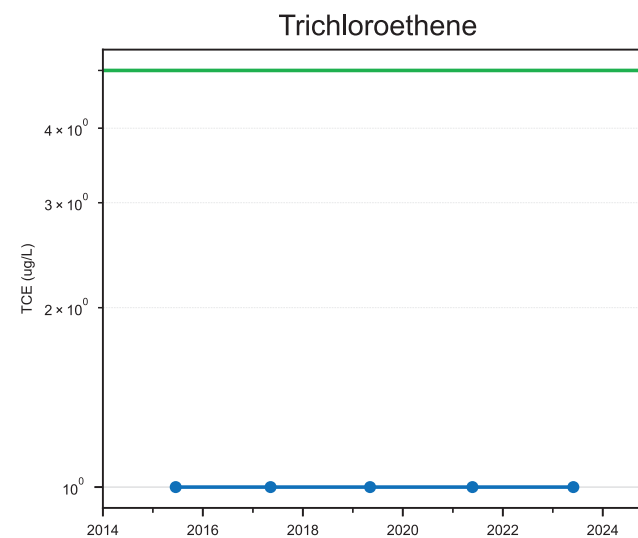
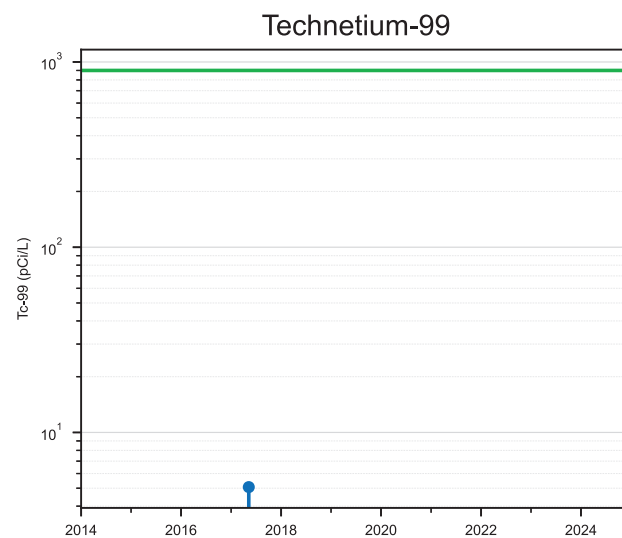
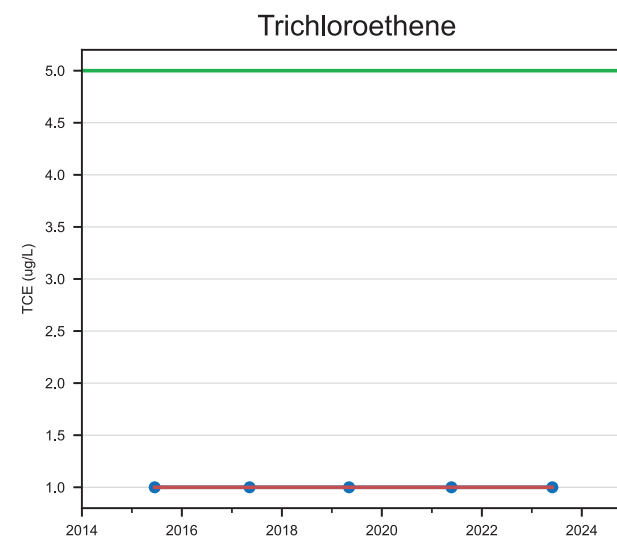
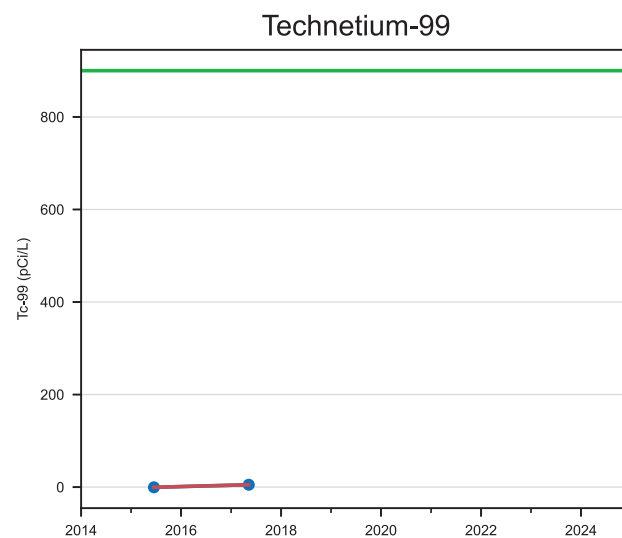
Figure 197. Tc-99 and TCE at MW472 (LRGA)



Source: Trend_Plots_V1.ipynb

Figure 198. Tc-99 and TCE at MW473 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
06/17/2015	< -0.427	< 1.0
05/10/2017	< 5.07	< 1.0
05/07/2019		< 1.0
05/24/2021		< 1.0
05/31/2023		< 1.0



Notes:

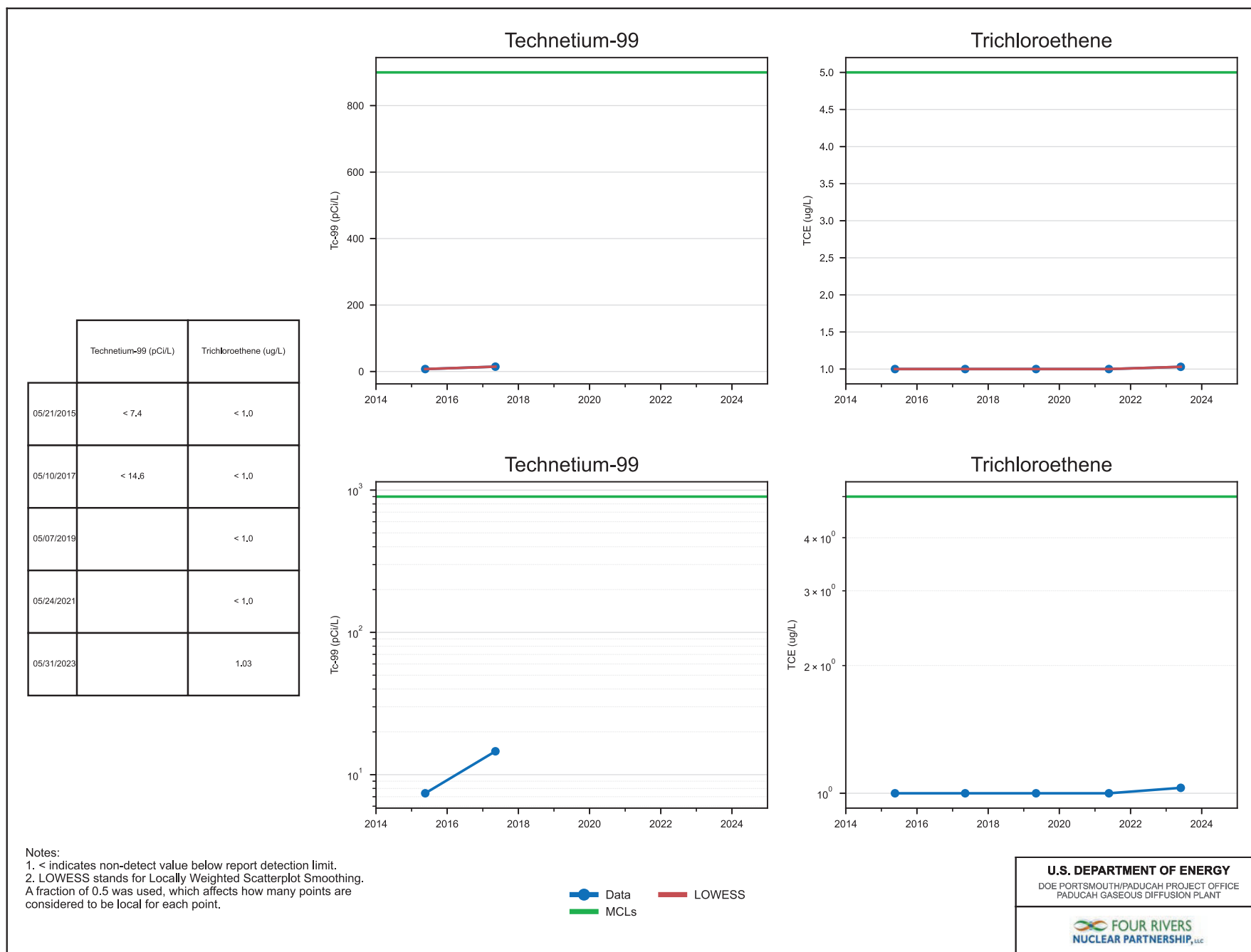
1. < indicates non-detect value below report detection limit.
2. LOWESS stands for Locally Weighted Scatterplot Smoothing. A fraction of 0.5 was used, which affects how many points are considered to be local for each point.

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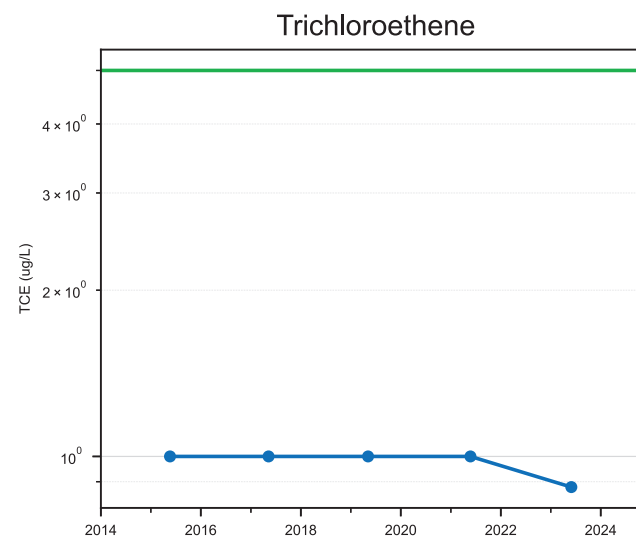
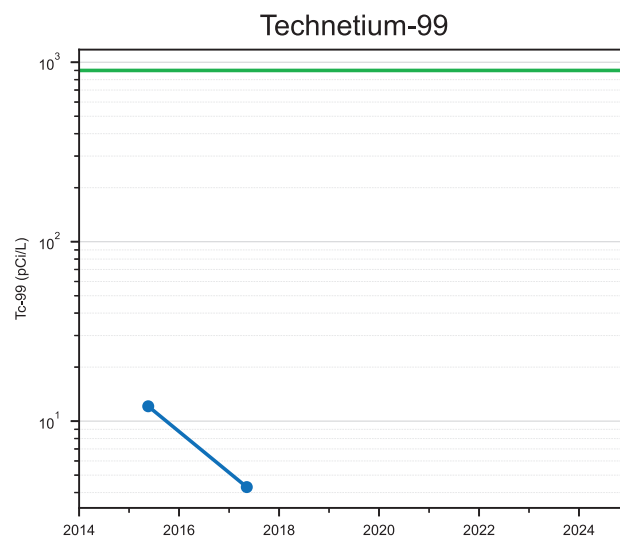
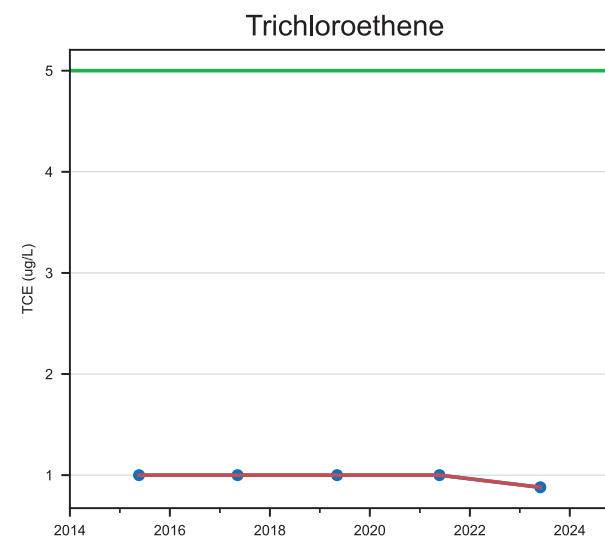
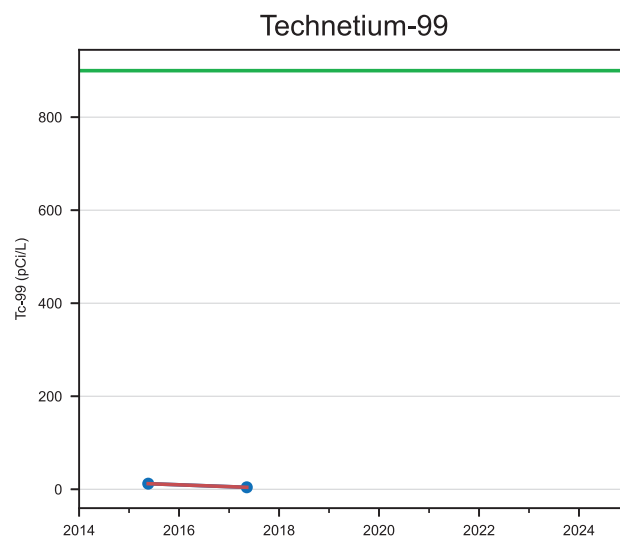
Figure 199. Tc-99 and TCE at MW474 (LRGA)



Source: Trend_Plots_V1.ipynb

Figure 200. Tc-99 and TCE at MW475 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/21/2015	< 12.1	< 1.0
05/10/2017	< 4.29	< 1.0
05/07/2019		< 1.0
05/24/2021		< 1.0
05/31/2023		0.88



Notes:

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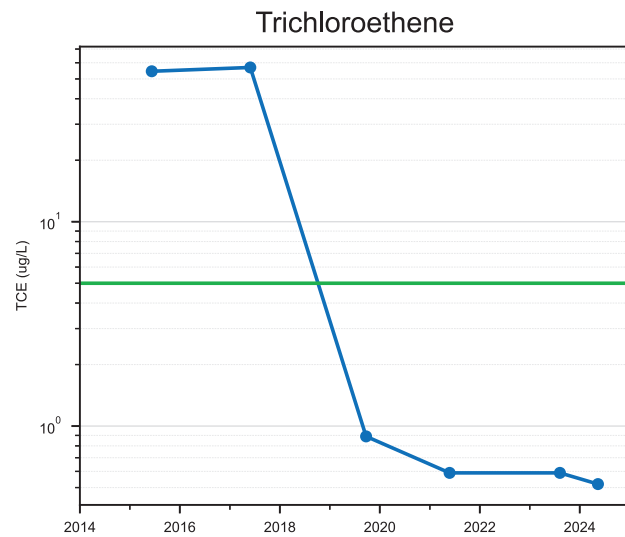
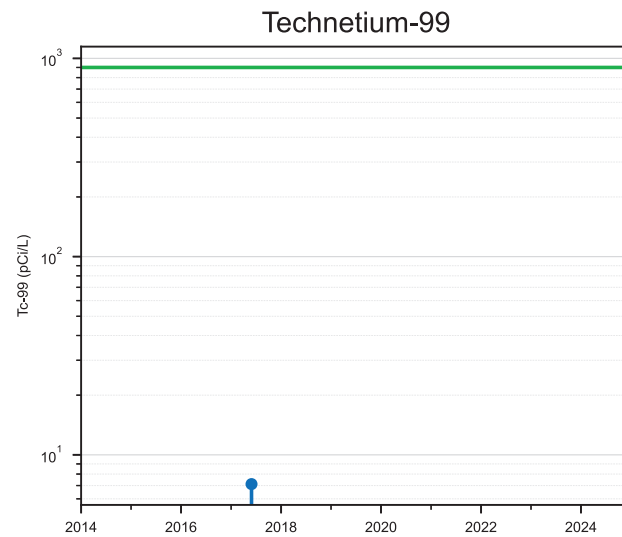
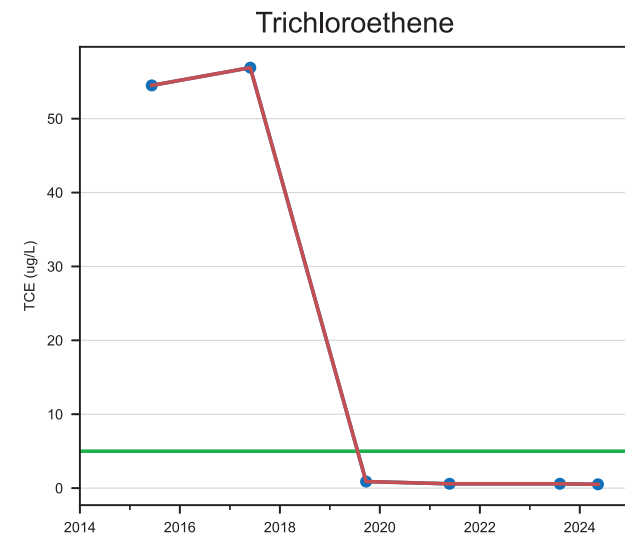
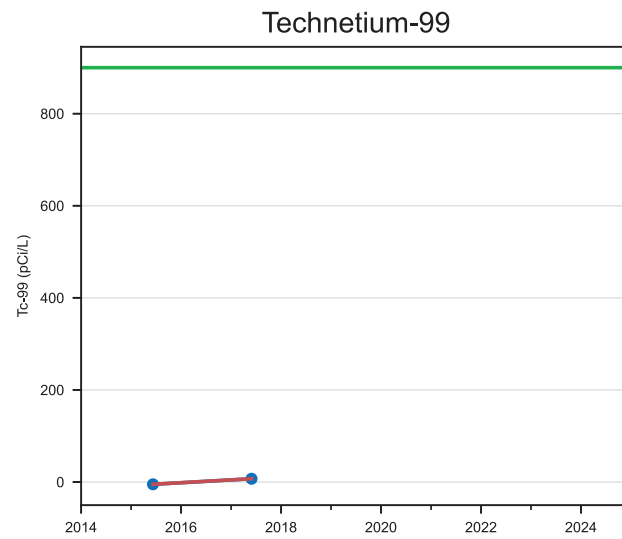

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Figure 201. Tc-99 and TCE at MW476 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
06/10/2015	< 4.94	54.5
05/30/2017	< 7.12	56.9
09/23/2019		0.89
05/25/2021		0.59
08/09/2023		0.59
05/13/2024		0.52

Notes:

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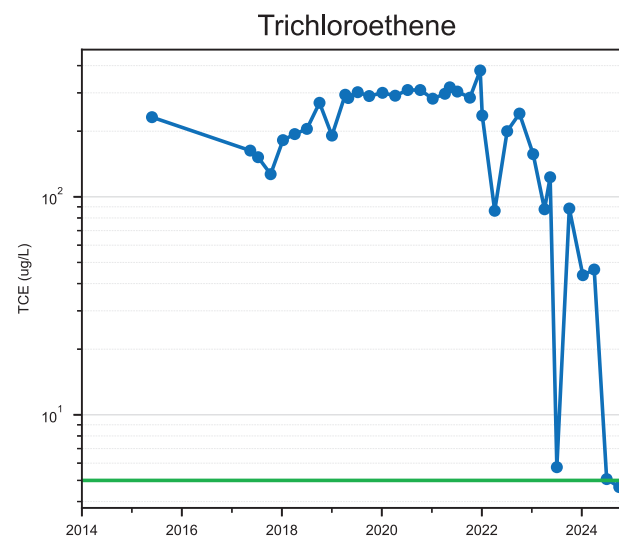
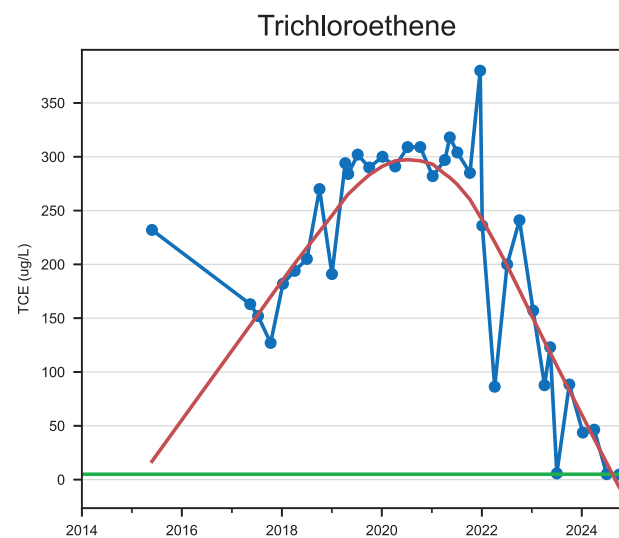
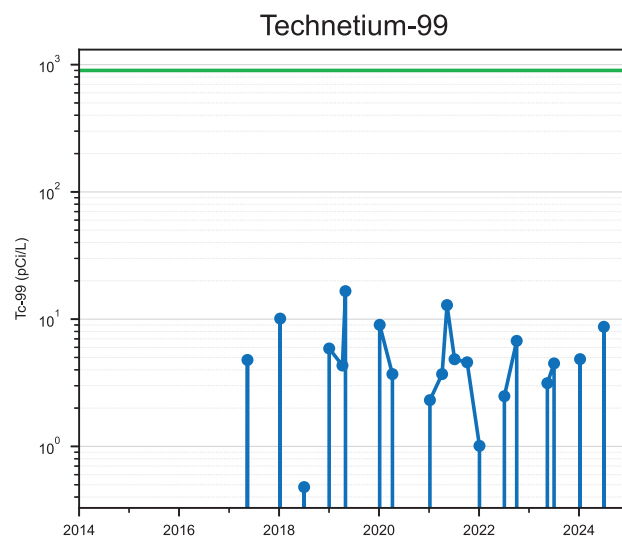
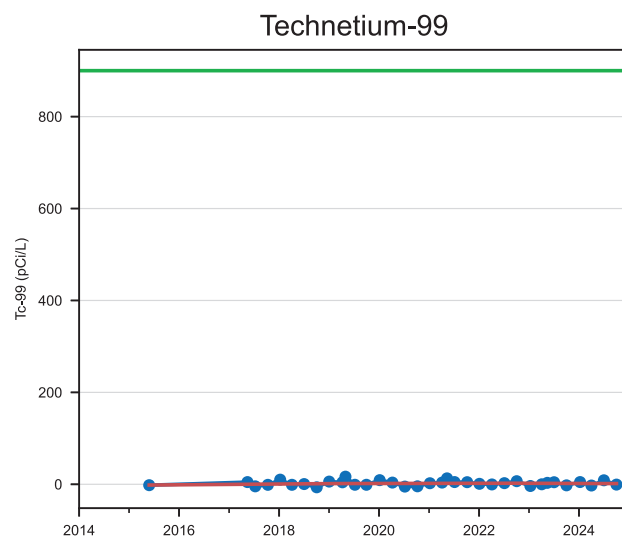
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Figure 202. Tc-99 and TCE at MW477 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/28/2015	< -1.95	232.0
05/15/2017	< 4.78	163.0
07/11/2017	< -4.46	152.0
10/11/2017	< -1.18	127.0
01/09/2018	< 10.1	182.0
04/05/2018	< -1.12	194.0
07/03/2018	< 0.479	205.0
10/03/2018	< -6.55	270.0
01/02/2019	< 5.88	191.0
04/09/2019	< 4.32	294.0
05/01/2019	< 16.6	284.0
07/09/2019	< -1.03	302.0
10/01/2019	< -1.07	290.0
01/06/2020	< 9.02	300.0
04/08/2020	< 3.7	291.0
07/08/2020	< -5.01	309.0
10/08/2020	< -4.39	309.0
01/07/2021	< 2.31	282.0
04/06/2021	< 3.7	297.0
05/12/2021	< 12.9	318.0
07/06/2021	< 4.84	304.0
10/06/2021	< 4.58	285.0
12/20/2021		380.0
01/04/2022	< 1.01	236.0
04/05/2022	< -0.335	86.3
07/05/2022	< 2.48	200.0
10/03/2022	< 6.75	241.0
01/11/2023	< -3.71	157.0
04/04/2023	< -0.0182	87.7
05/15/2023	< 3.14	123.0
07/03/2023	< 4.49	5.75
10/02/2023	< -2.28	88.4
01/09/2024	< 4.85	43.7
04/01/2024	< -2.67	46.4
07/01/2024	< 8.71	5.07
10/01/2024	< -0.674	4.66

Notes:

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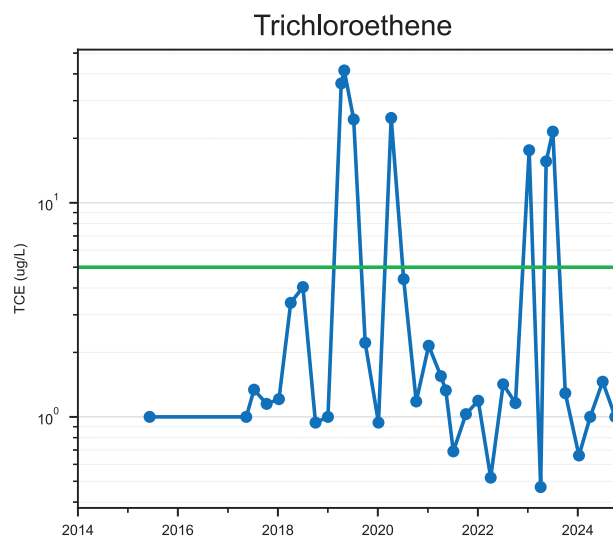
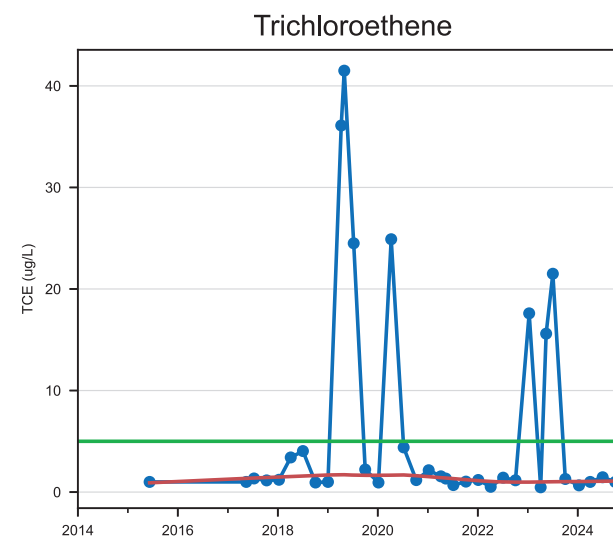
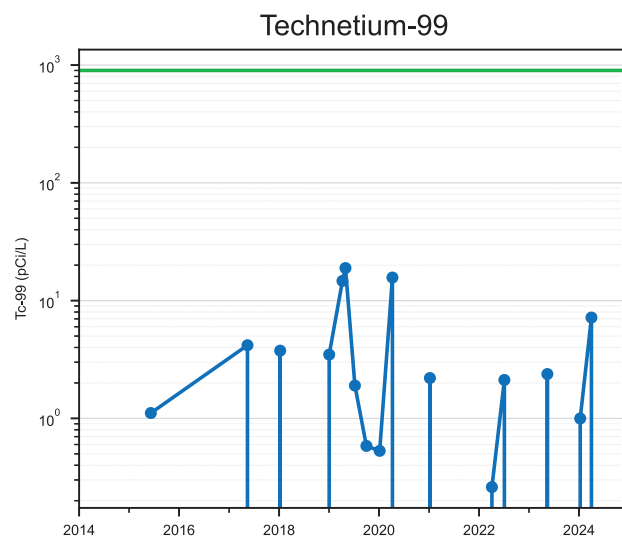
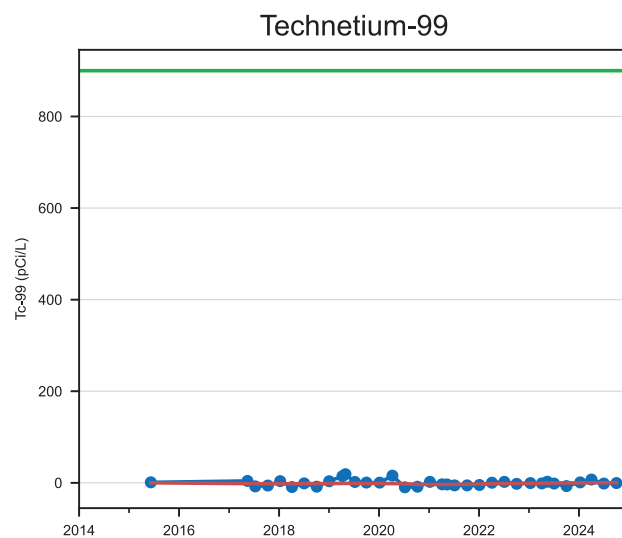
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Figure 203. Tc-99 and TCE at MW478 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
06/09/2015	< 1,11	< 1,0
05/15/2017	< 4,18	< 1,0
07/11/2017	< -7,77	1,34
10/11/2017	< -5,9	1,15
01/09/2018	< 3,76	1,21
04/05/2018	< -9,16	3,41
07/03/2018	< -1,19	4,04
10/03/2018	< -8,4	0,94
01/02/2019	< 3,48	< 1,0
04/09/2019	14,7	36,1
05/01/2019	18,9	41,5
07/09/2019	< 1,9	24,5
10/01/2019	< 0,584	2,22
01/06/2020	< 0,53	0,94
04/08/2020	15,7	24,9
07/08/2020	< -9,72	4,4
10/08/2020	< -8,46	1,18
01/07/2021	< 2,2	2,15
04/06/2021	< -3,19	1,55
05/12/2021	< -3,52	1,33
07/06/2021	< -5,54	0,69
10/06/2021	< -5,51	1,03
01/04/2022	< -4,69	1,19
04/05/2022	< 0,261	0,52
07/05/2022	< 2,12	1,42
10/03/2022	< -2,13	1,16
01/11/2023	< -0,434	17,6
04/05/2023	< -1,24	0,47
05/15/2023	< 2,38	15,6
07/03/2023	< -1,53	21,5
10/02/2023	< -7,1	1,29
01/10/2024	< 0,998	0,66
04/01/2024	< 7,18	< 1,0
07/01/2024	< -1,56	1,46
10/01/2024	< -0,481	< 1,0

Notes:

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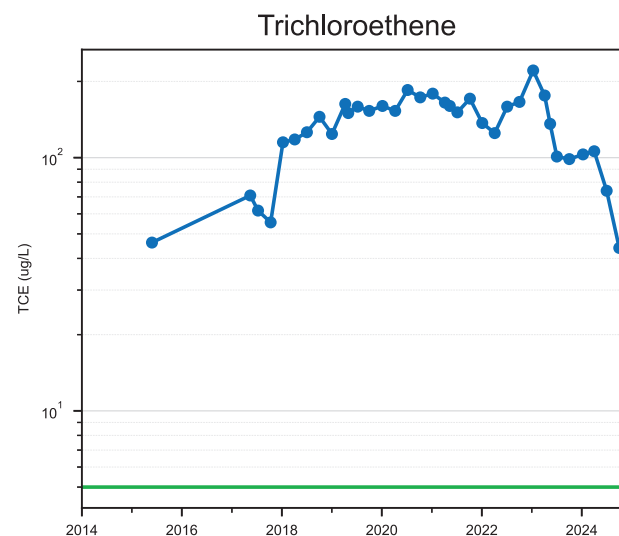
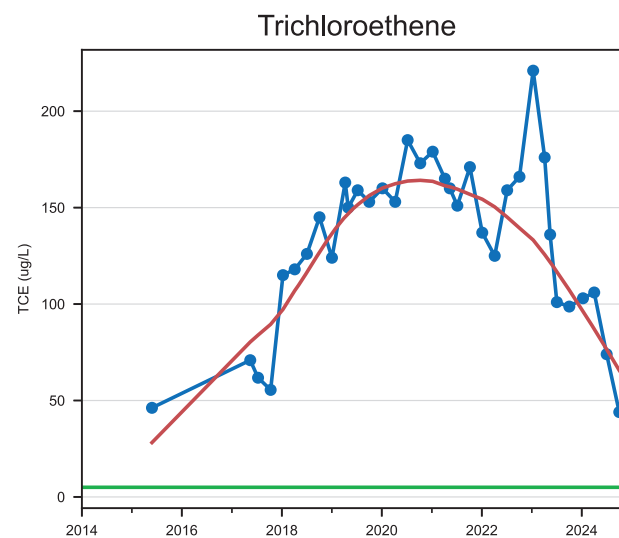
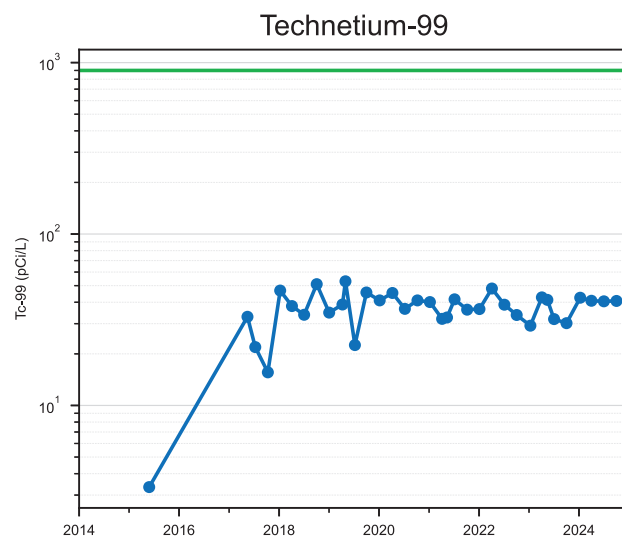
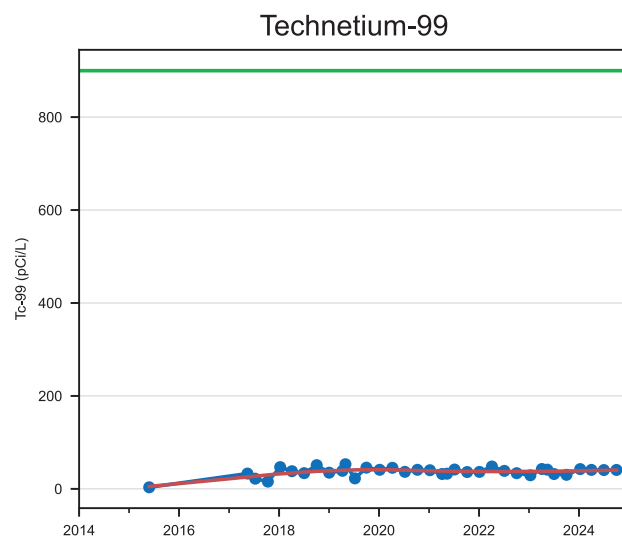

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Figure 204. Tc-99 and TCE at MW479 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/28/2015	< 3,34	46,2
05/15/2017	32,9	70,9
07/11/2017	21,9	61,8
10/11/2017	< 15,6	55,5
01/09/2018	46,8	115,0
04/05/2018	38,0	118,0
07/03/2018	33,8	126,0
10/03/2018	51,0	145,0
01/02/2019	34,8	124,0
04/09/2019	38,8	163,0
05/01/2019	53,0	150,0
07/09/2019	22,5	159,0
10/01/2019	45,6	153,0
01/06/2020	41,0	160,0
04/08/2020	45,3	153,0
07/08/2020	36,6	185,0
10/08/2020	41,0	173,0
01/07/2021	40,1	179,0
04/06/2021	32,0	165,0
05/12/2021	32,6	160,0
07/06/2021	41,6	151,0
10/06/2021	36,2	171,0
01/04/2022	36,5	137,0
04/05/2022	48,1	125,0
07/05/2022	38,7	159,0
10/03/2022	33,7	166,0
01/11/2023	29,2	221,0
04/05/2023	42,7	176,0
05/15/2023	41,3	136,0
07/03/2023	31,9	101,0
10/02/2023	30,2	98,7
01/10/2024	42,5	103,0
04/01/2024	40,8	106,0
07/01/2024	40,5	74,0
10/01/2024	40,7	44,0

Notes:

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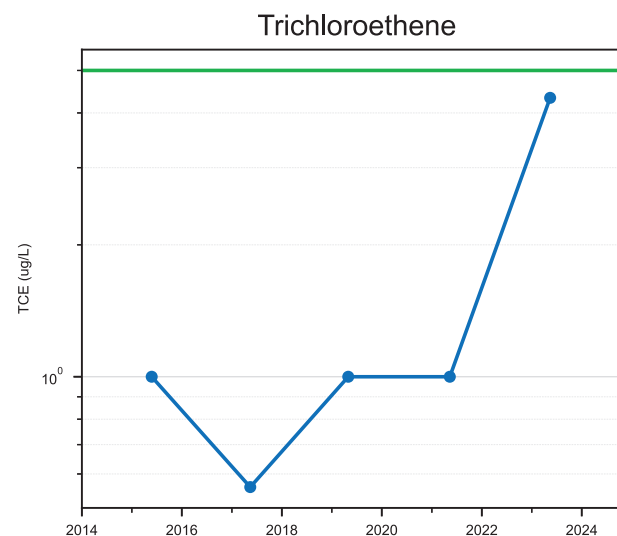
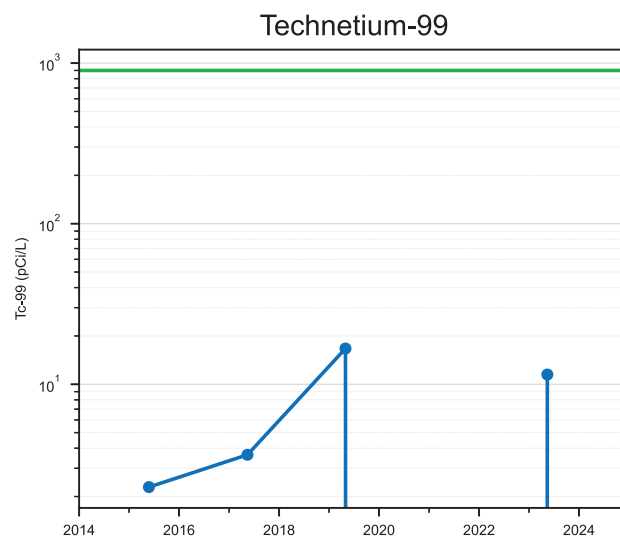
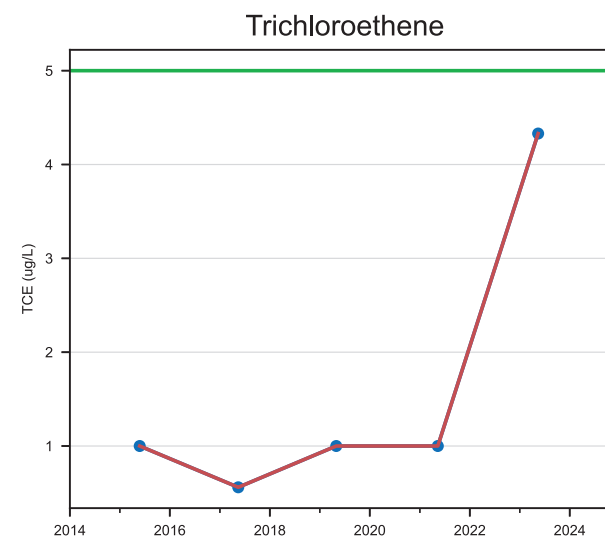
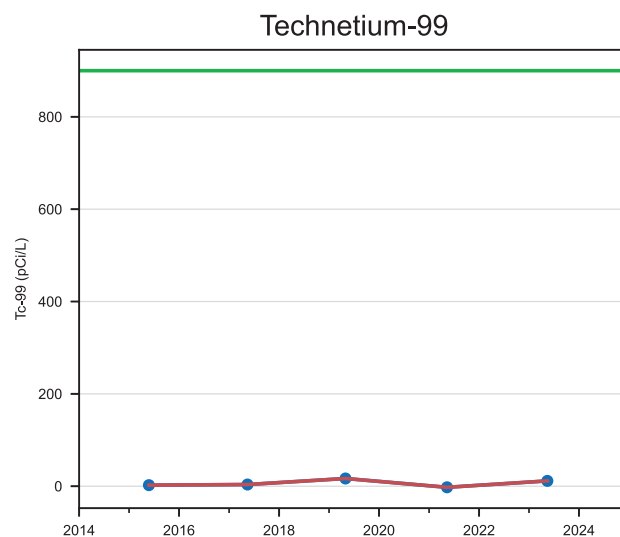
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Figure 205. Tc-99 and TCE at MW480 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/26/2015	< 2.29	< 1.0
05/15/2017	< 3.64	0.56
05/01/2019	< 16.7	< 1.0
05/12/2021	< 2.36	< 1.0
05/15/2023	< 11.5	4.33



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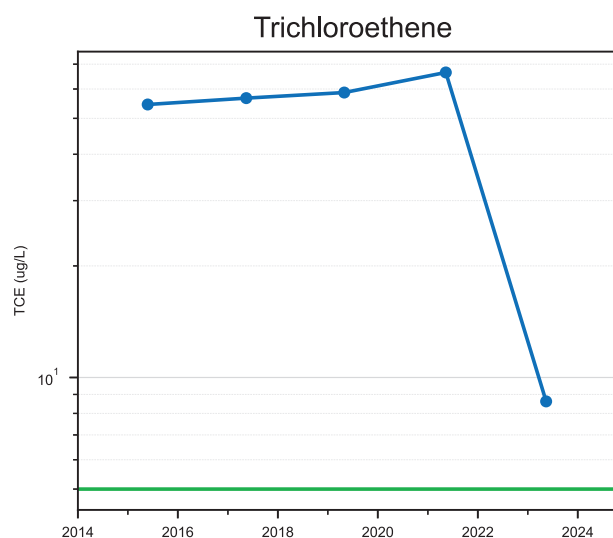
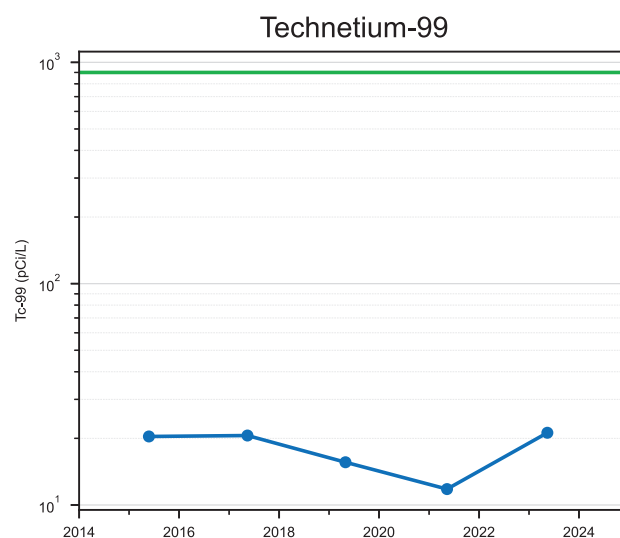
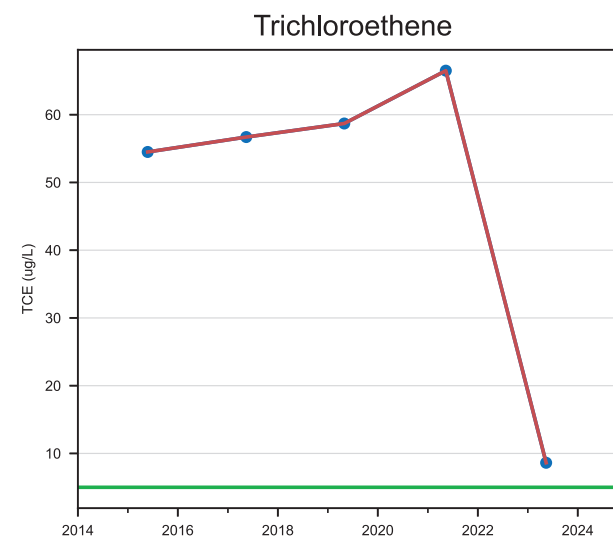
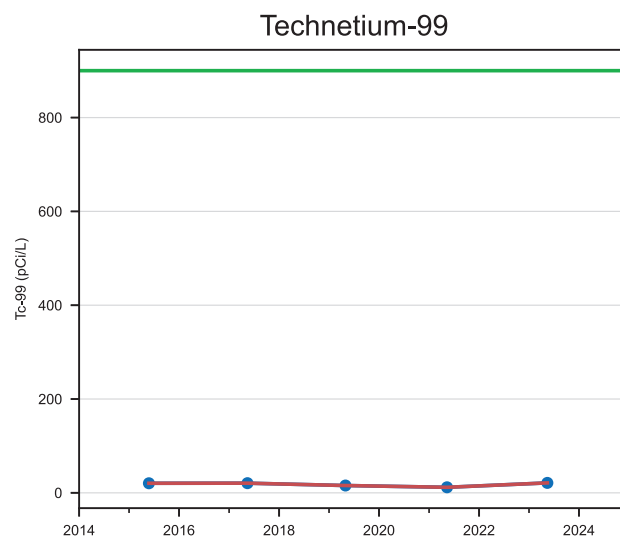
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Figure 206. Tc-99 and TCE at MW481 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/26/2015	< 20.4	54.5
05/15/2017	20.6	56.7
05/01/2019	< 15.6	58.7
05/12/2021	< 11.8	66.5
05/15/2023	< 21.2	8.62

Notes:

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- A fraction of 0.5 was used, which affects how many points are considered to be local for each point.



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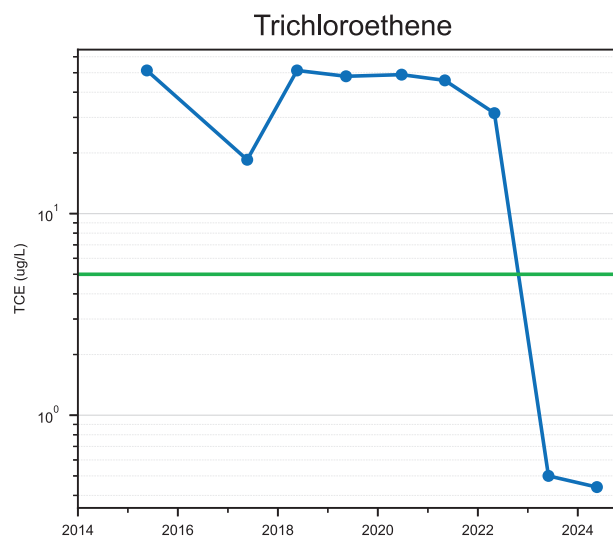
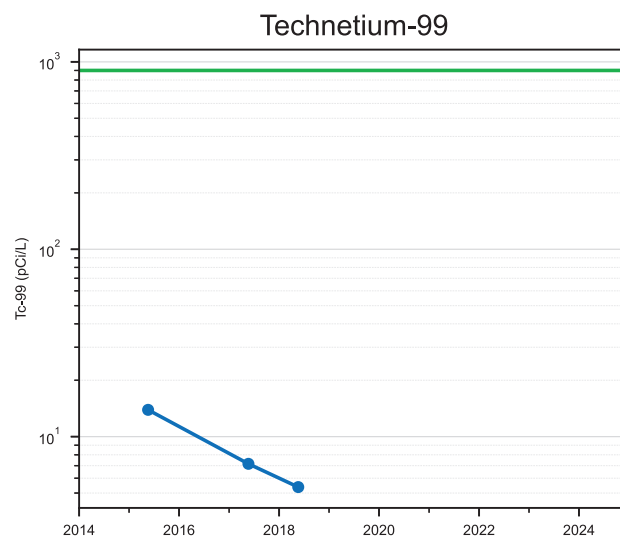
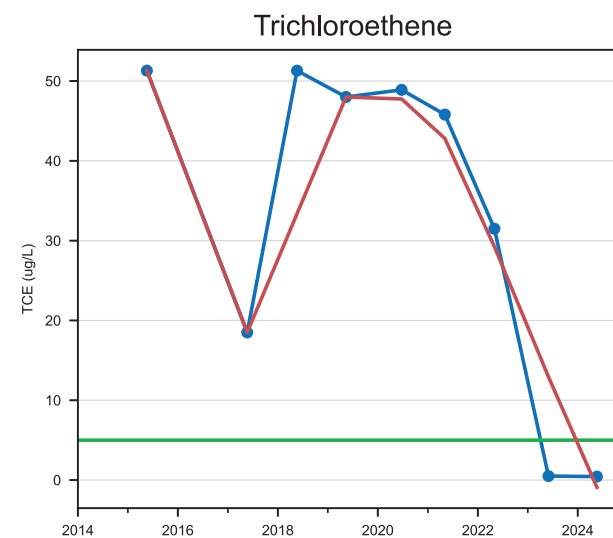
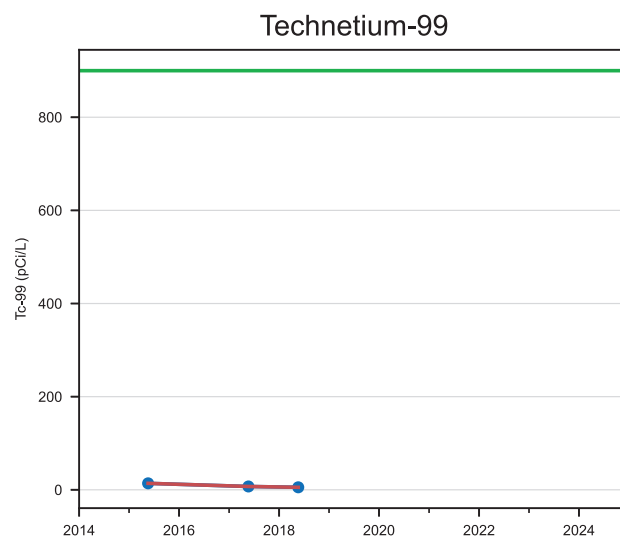
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Figure 207. Tc-99 and TCE at MW482 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/20/2015	< 13,9	51,3
05/22/2017	< 7,16	18,5
05/21/2018	< 5,38	51,3
05/14/2019		48,0
06/23/2020		48,9
05/05/2021		45,8
05/02/2022		31,5
06/01/2023		0,5
05/20/2024		0,44

Notes:

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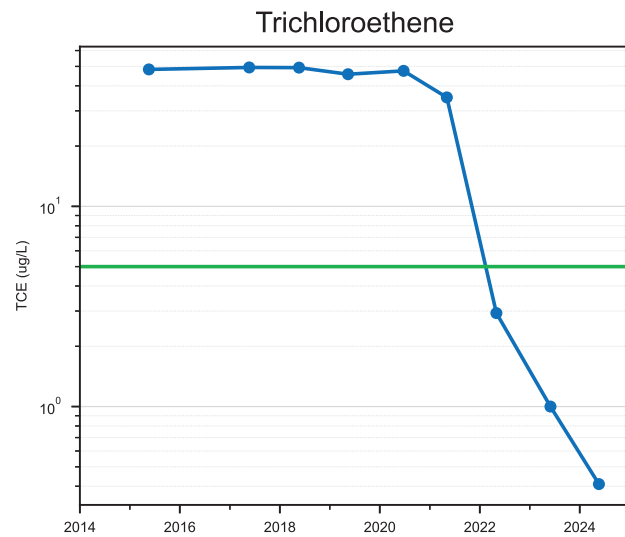
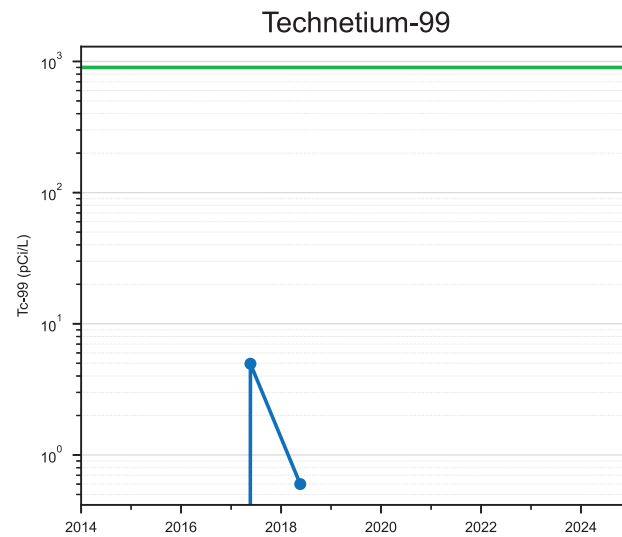
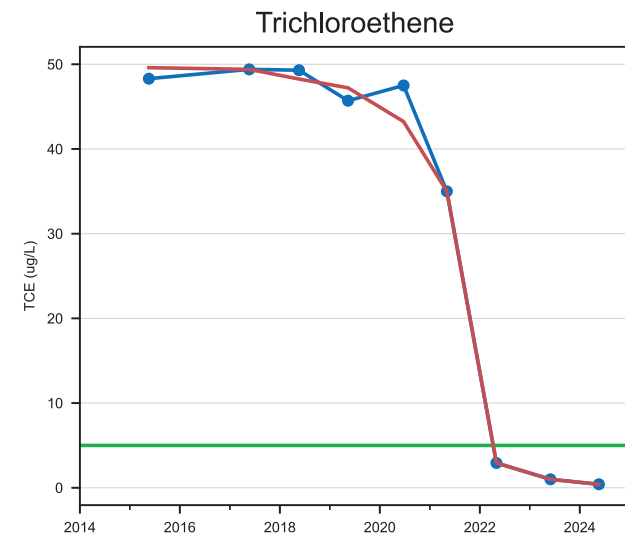
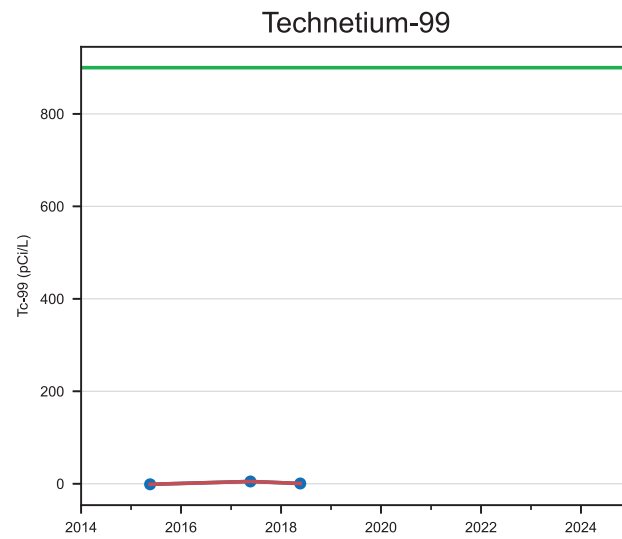

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Figure 208. Tc-99 and TCE at MW483 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/20/2015	< -1,16	48,3
05/22/2017	< 4,96	49,4
05/21/2018	< 0,6	49,3
05/14/2019		45,7
06/23/2020		47,5
05/05/2021		35,0
05/02/2022		2,93
06/01/2023		< 1,0
05/20/2024		0,41

Notes:

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Figure 209. Tc-99 and TCE at MW484 (LRGA)

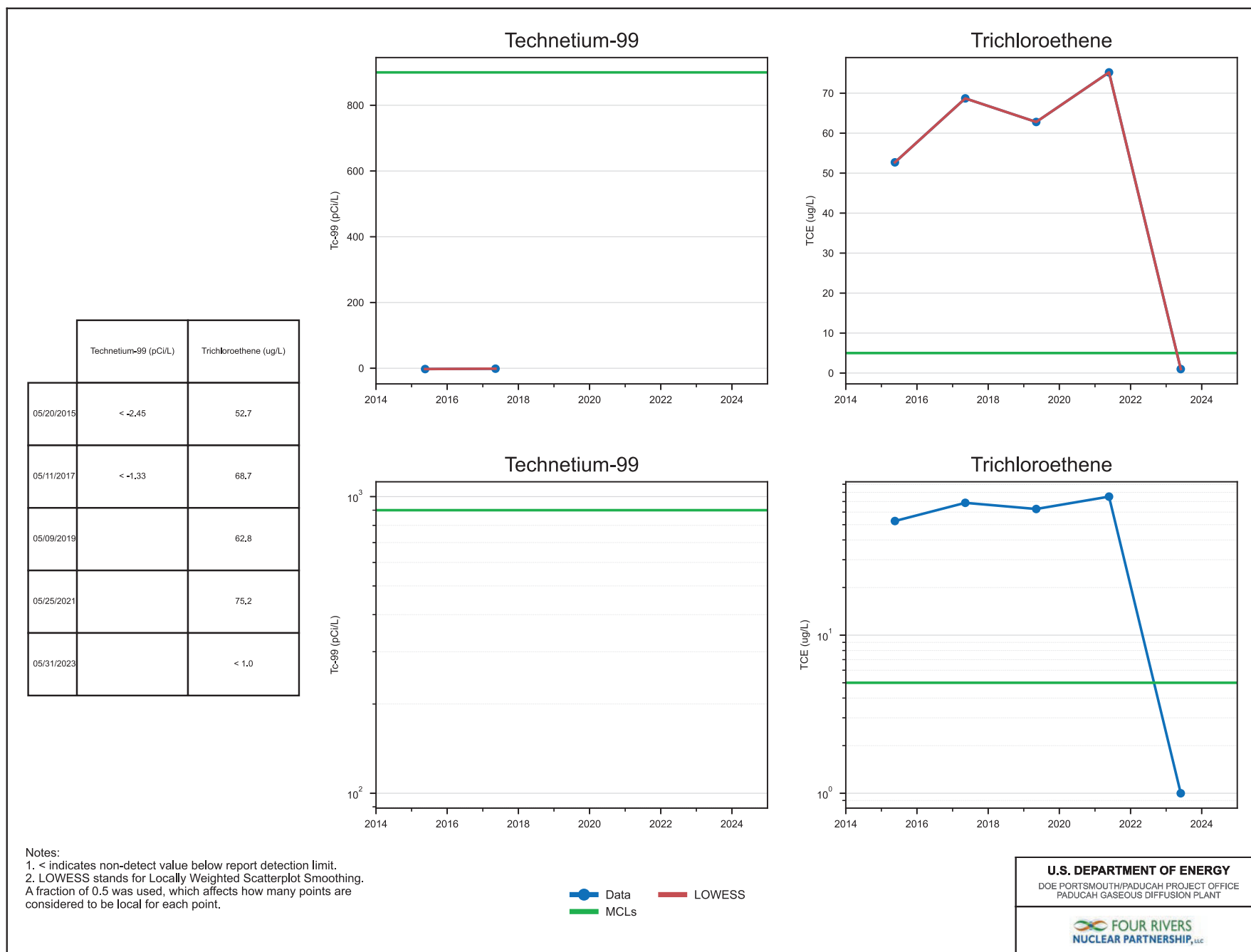
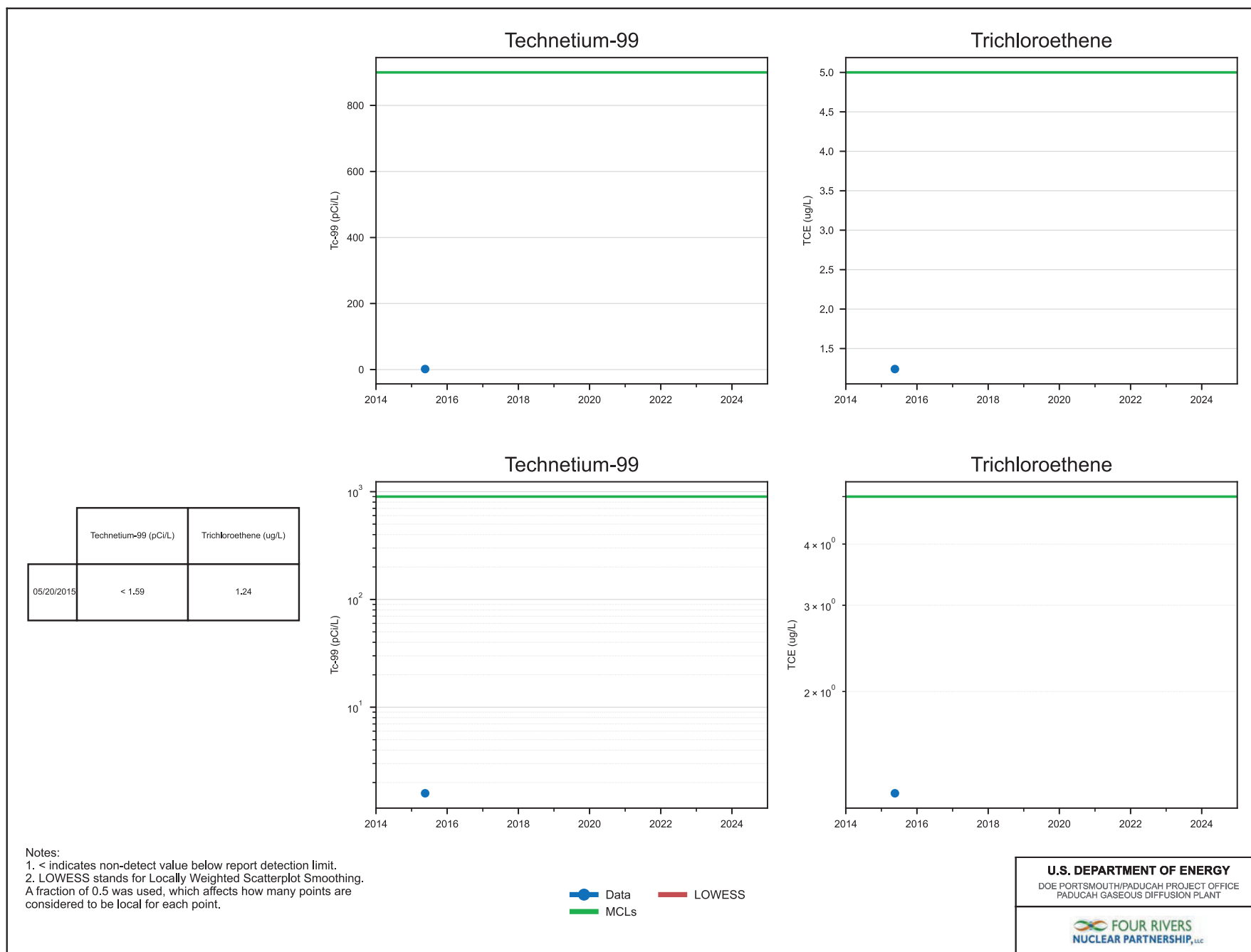


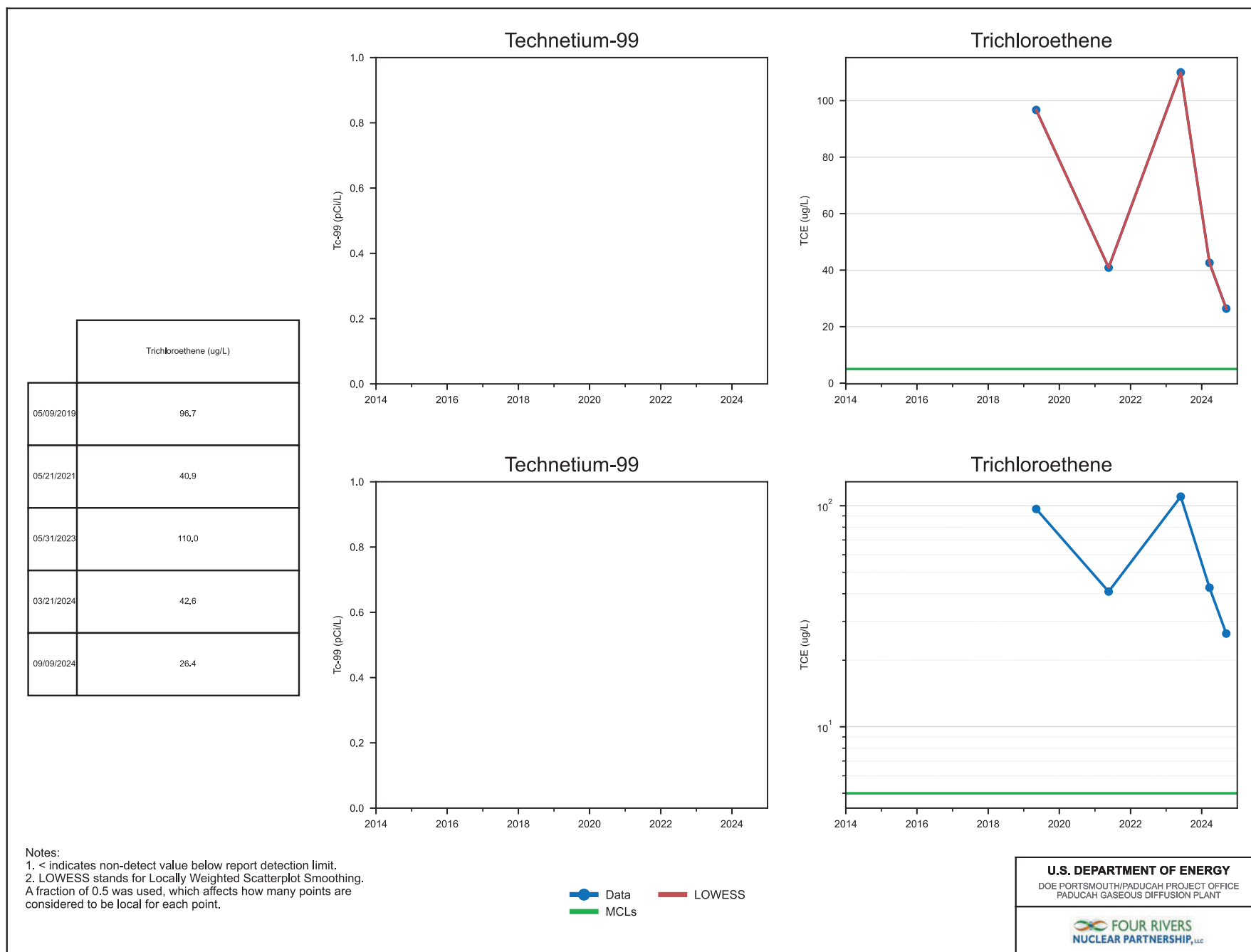
Figure 210. Tc-99 and TCE at MW485 (MRGA)

Source: Trend_Plots_V1.ipynb



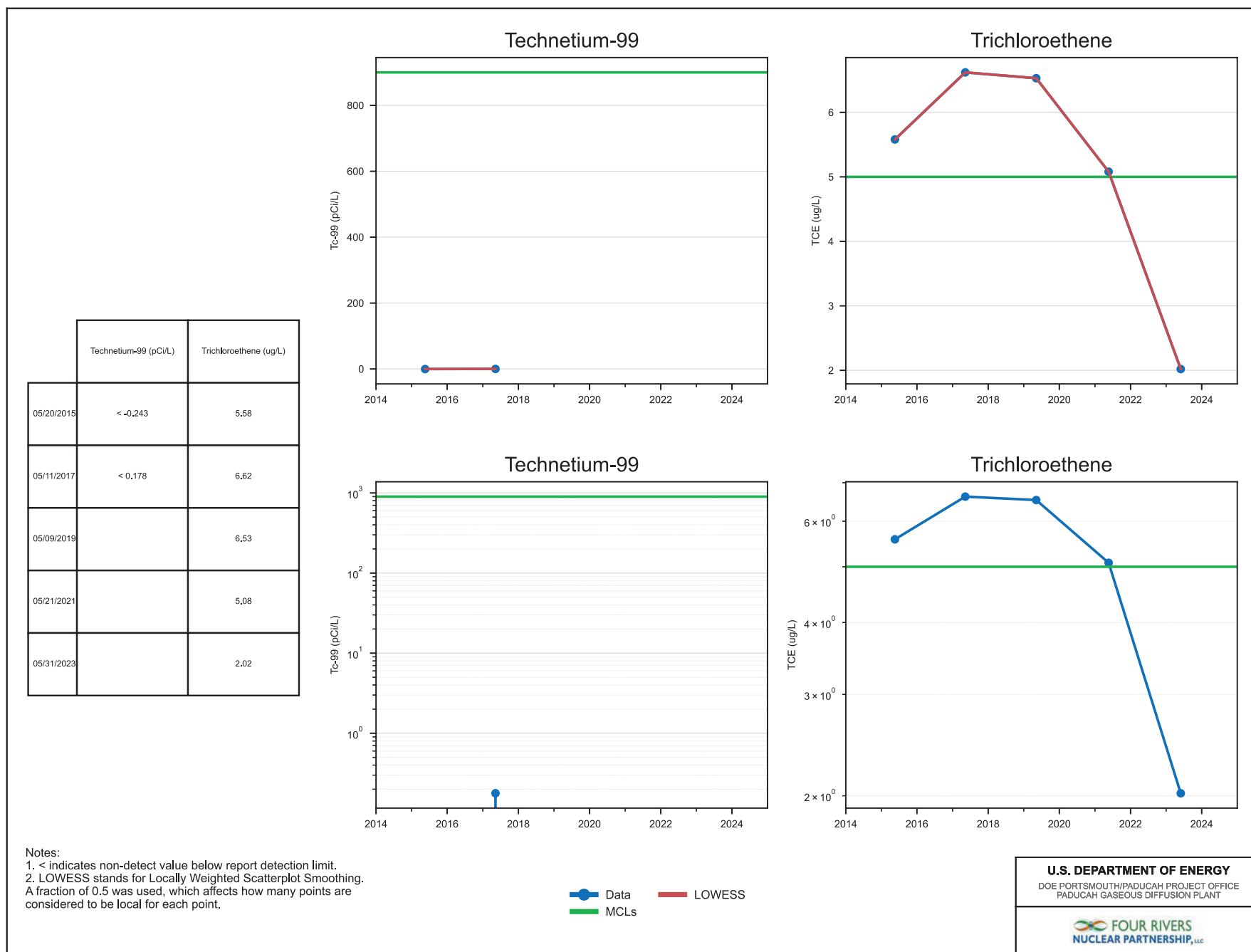
Source: Trend_Plots_V1.ipynb

Figure 211. Tc-99 and TCE at MW486 (RGA)



Source: Trend_Plots_V1.ipynb

Figure 212. Tc-99 and TCE at MW486A (LRGA)



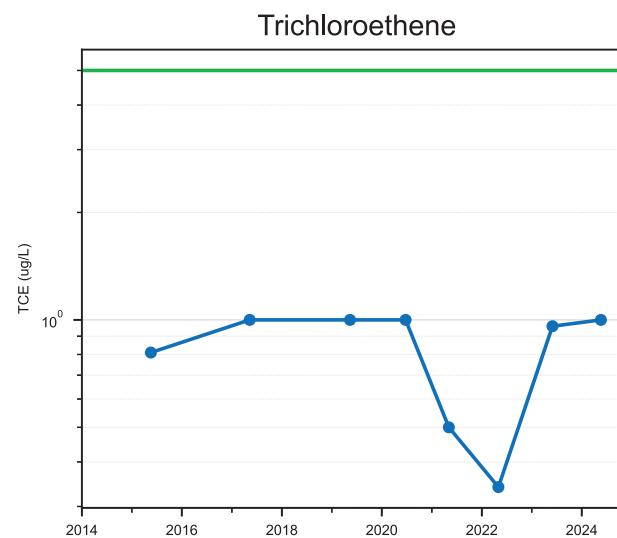
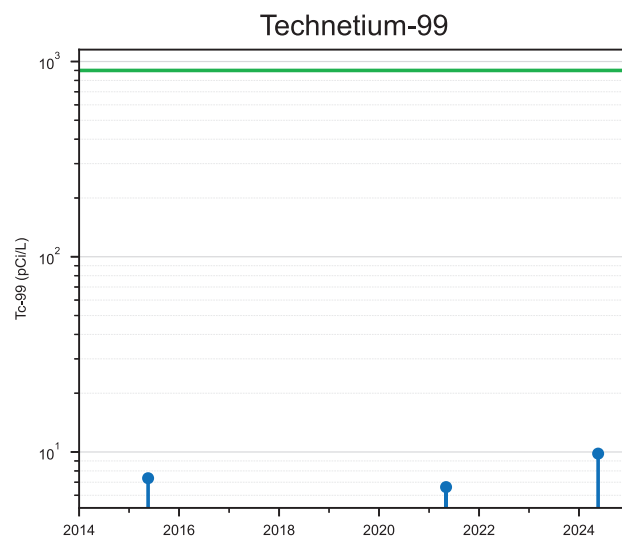
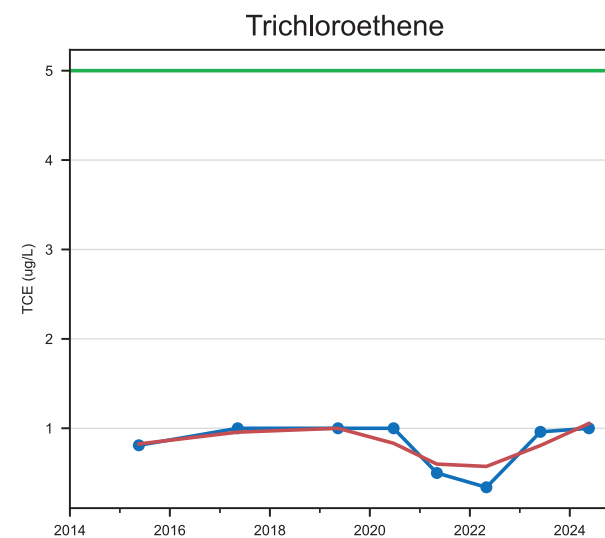
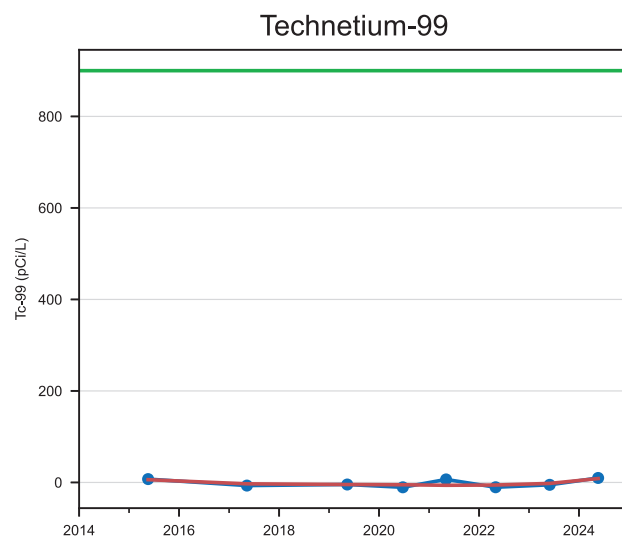
Source: Trend_Plots_V1.ipynb

Figure 213. Tc-99 and TCE at MW487 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/20/2015	< 7.34	0.81
05/11/2017	< 6.83	< 1.0
05/14/2019	< 4.52	< 1.0
06/23/2020	< 10.5	< 1.0
05/05/2021	< 6.61	0.5
05/02/2022	< 10.5	0.34
06/01/2023	< 5.19	0.96
05/20/2024	< 9.81	< 1.0

Notes:

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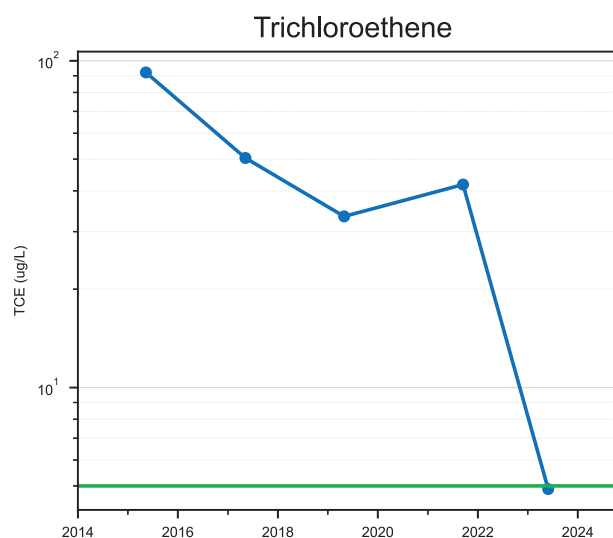
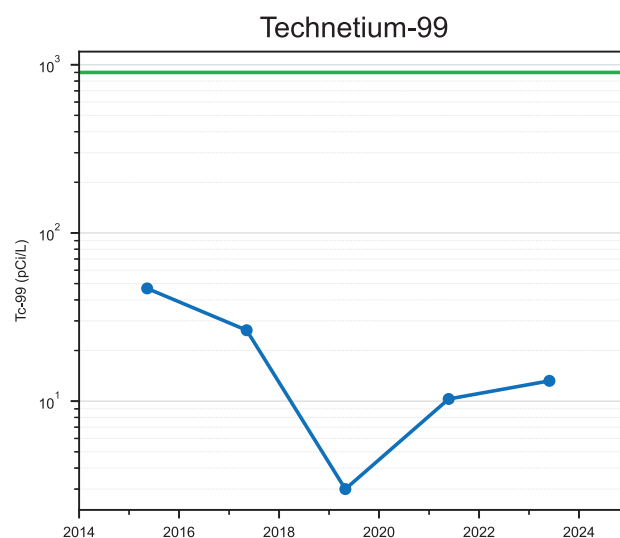
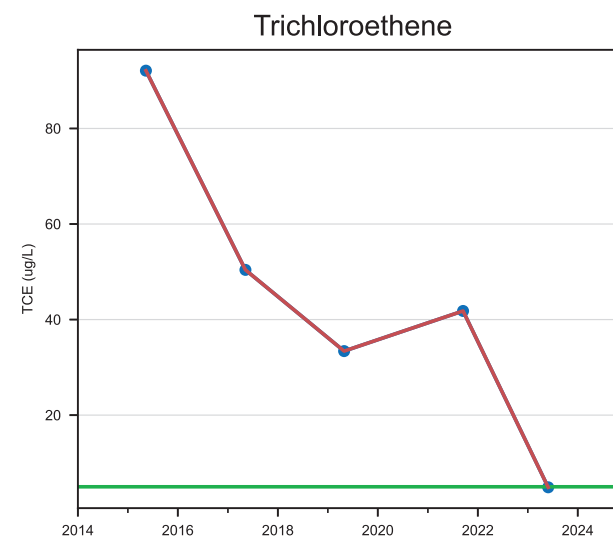
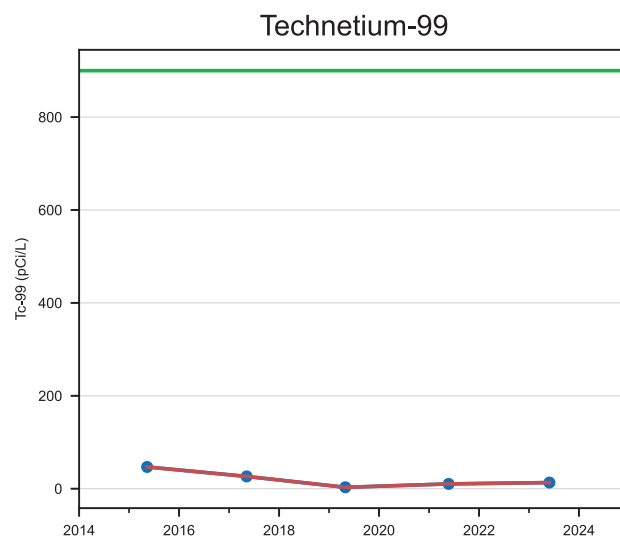

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Figure 214. Tc-99 and TCE at MW488 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/13/2015	46.8	92.1
05/09/2017	26.4	50.4
04/30/2019	< 3.0	33.4
05/24/2021	< 10.3	
09/15/2021		41.8
05/30/2023	< 13.2	4.89

Notes:

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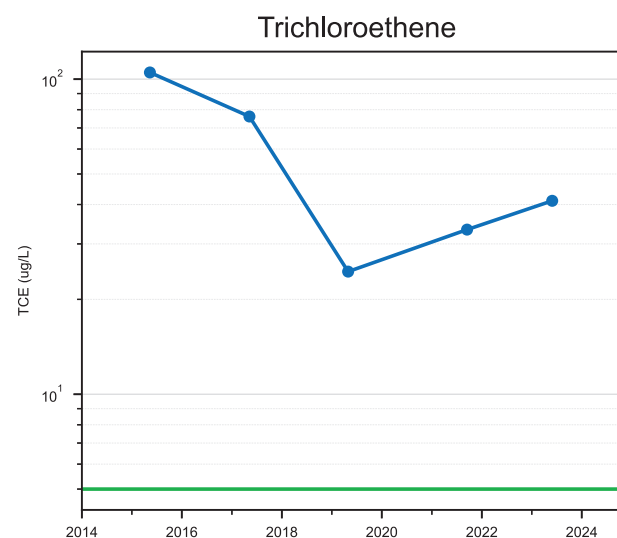
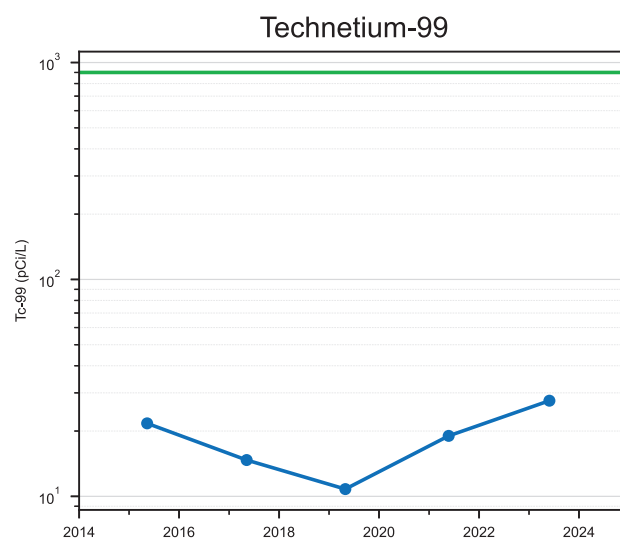
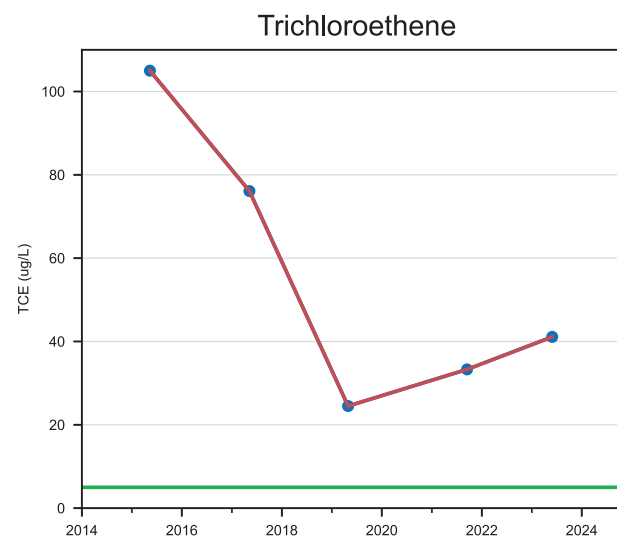
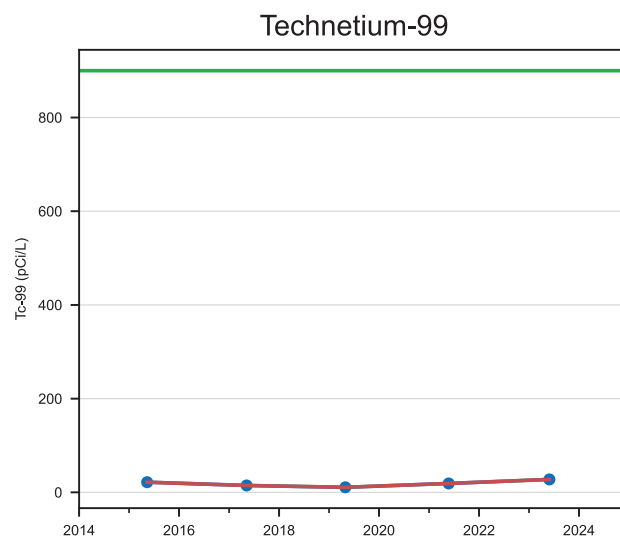
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Figure 215. Tc-99 and TCE at MW489 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/13/2015	< 21.7	105.0
05/09/2017	< 14.7	76.1
04/30/2019	< 10.8	24.5
05/24/2021	< 19.0	
09/15/2021		33.3
05/30/2023	27.6	41.1

Notes:

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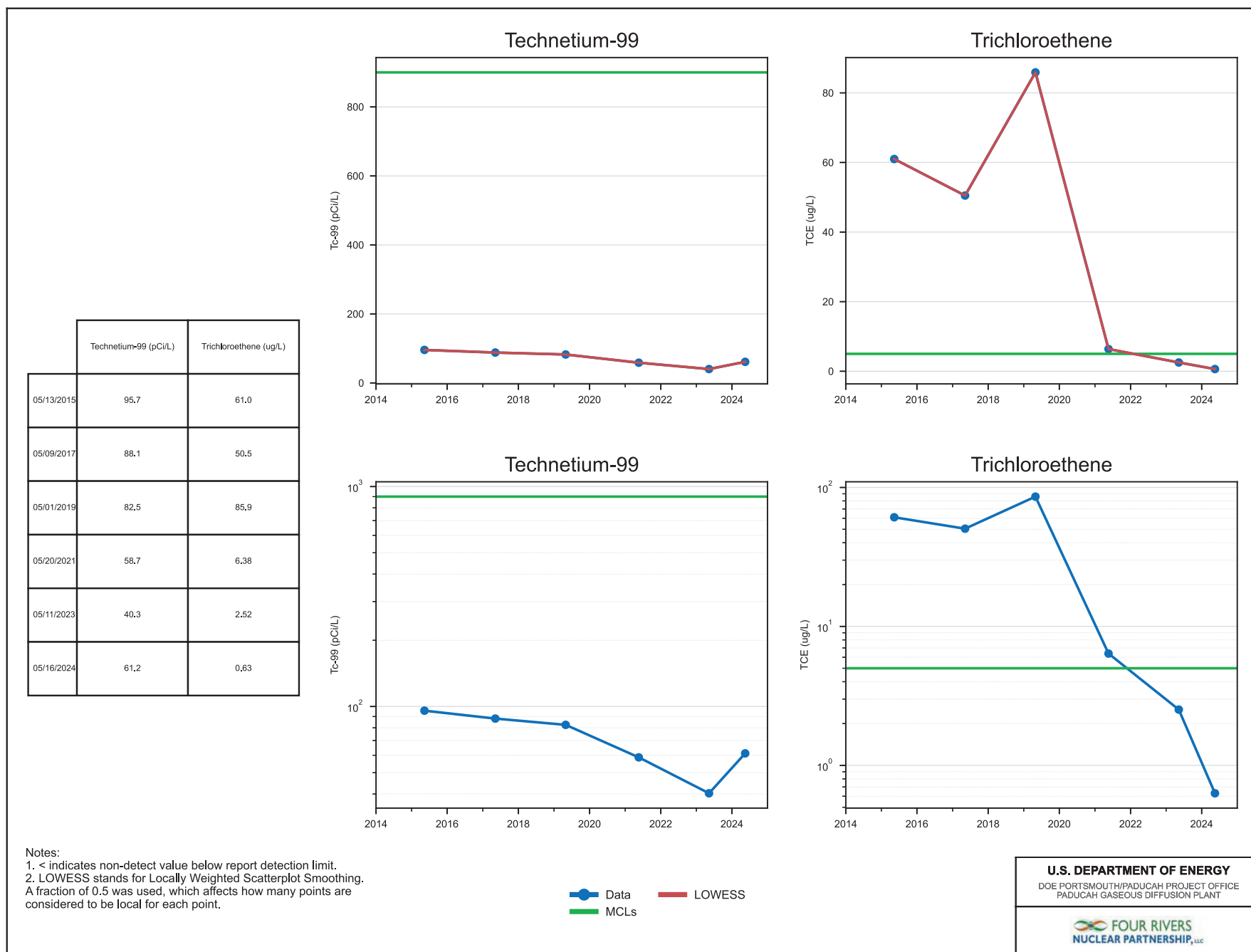


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Figure 216. Tc-99 and TCE at MW490 (LRGA)



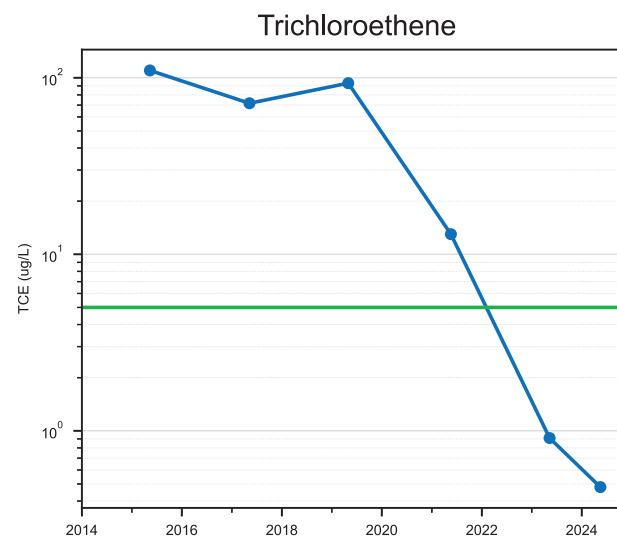
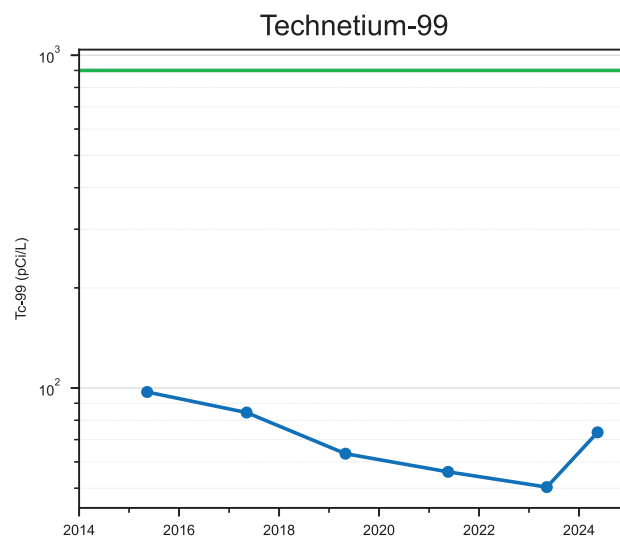
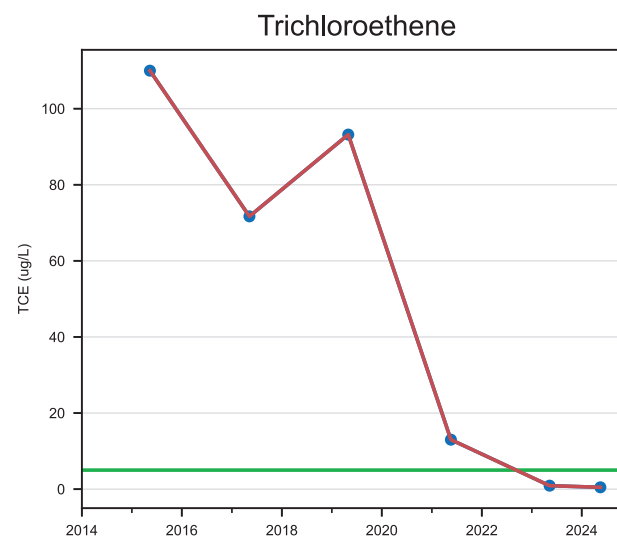
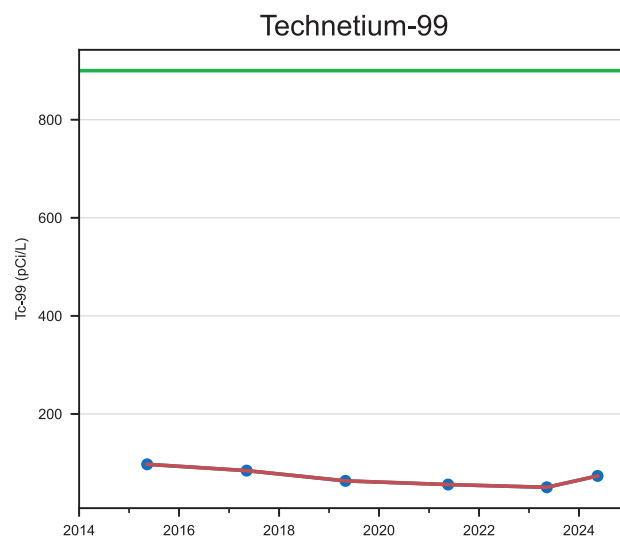
Source: Trend_Plots_V1.ipynb

Figure 217. Tc-99 and TCE at MW491 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/13/2015	97.3	110.0
05/09/2017	84.4	71.7
05/01/2019	63.5	93.2
05/20/2021	56.0	13.0
05/11/2023	50.4	0.91
05/16/2024	73.6	0.48

Notes:

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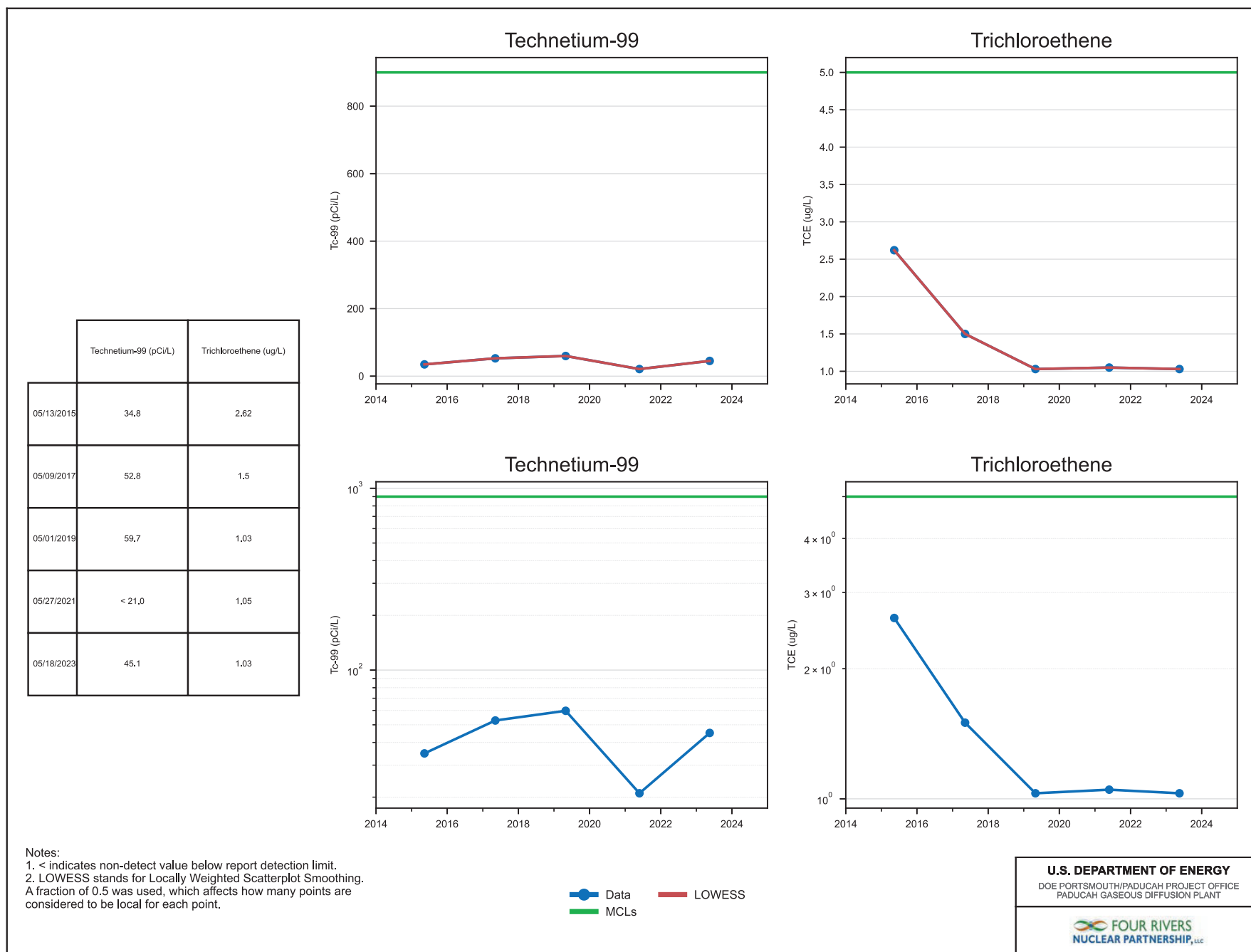


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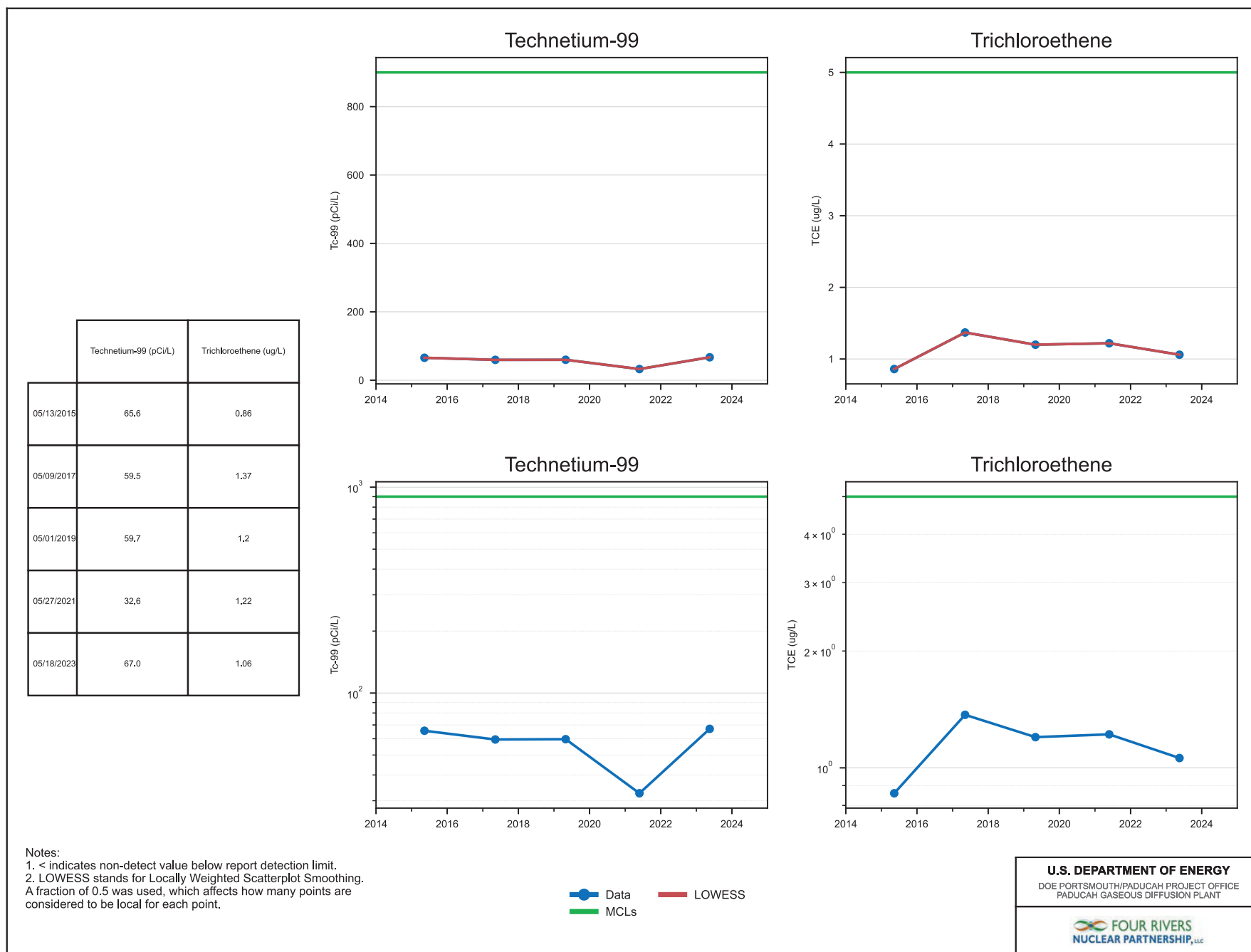

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Figure 218. Tc-99 and TCE at MW492 (LRGA)



Source: Trend_Plots_V1.ipynb

Figure 219. Tc-99 and TCE at MW493 (URGA)



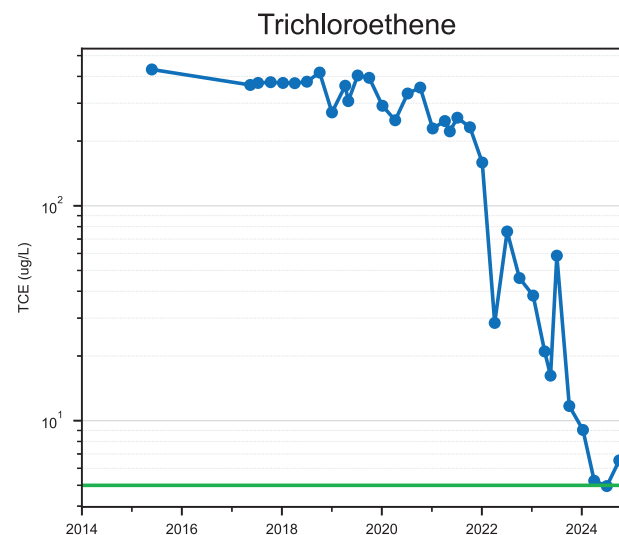
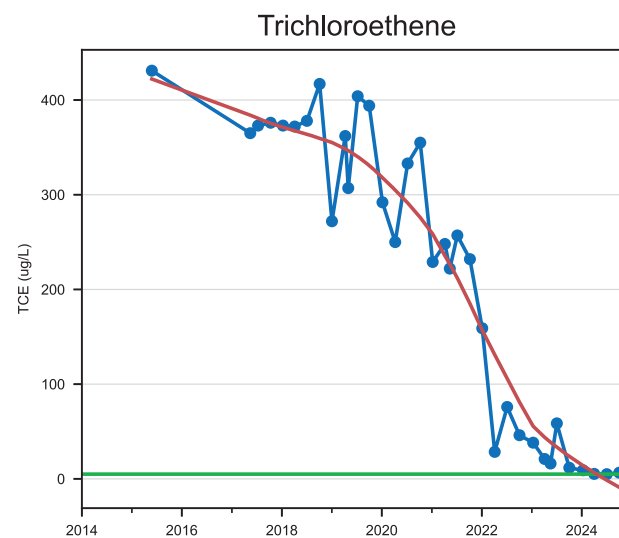
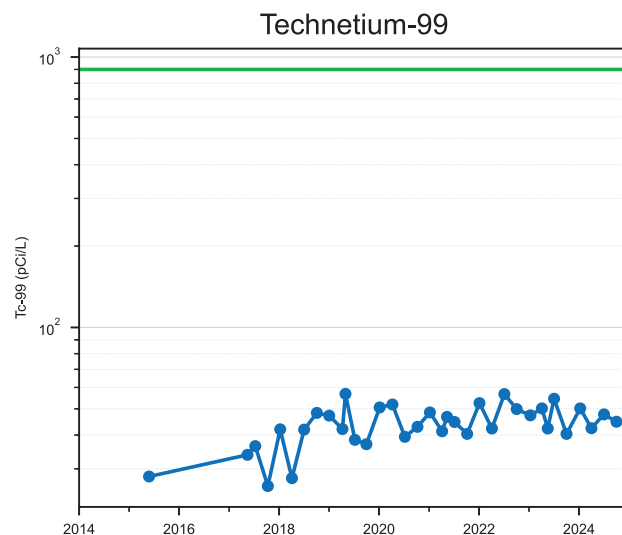
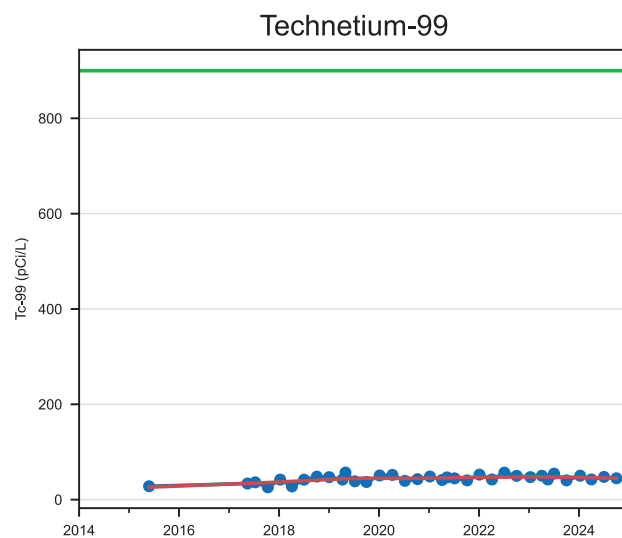
Source: Trend_Plots_V1.ipynb

Figure 220. Tc-99 and TCE at MW494 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/27/2015	28.1	431.0
05/15/2017	33.8	365.0
07/11/2017	36.4	373.0
10/11/2017	25.9	376.0
01/09/2018	42.0	373.0
04/05/2018	27.7	372.0
07/03/2018	41.9	378.0
10/04/2018	48.3	417.0
01/02/2019	47.2	272.0
04/09/2019	42.1	362.0
05/01/2019	56.8	307.0
07/09/2019	38.4	404.0
10/01/2019	37.0	394.0
01/06/2020	50.6	292.0
04/08/2020	51.9	250.0
07/08/2020	39.4	333.0
10/08/2020	42.9	355.0
01/07/2021	48.5	229.0
04/06/2021	41.3	248.0
05/12/2021	46.7	222.0
07/06/2021	44.7	257.0
10/06/2021	40.4	232.0
01/04/2022	52.5	159.0
04/05/2022	42.3	28.5
07/05/2022	56.7	75.9
10/03/2022	49.9	46.1
01/11/2023	47.3	38.2
04/05/2023	50.2	21.0
05/18/2023	42.3	16.2
07/03/2023	54.5	58.6
10/02/2023	40.4	11.7
01/10/2024	50.2	9.05
04/01/2024	42.4	5.25
07/02/2024	47.7	4.96
10/01/2024	44.8	6.53

Notes:

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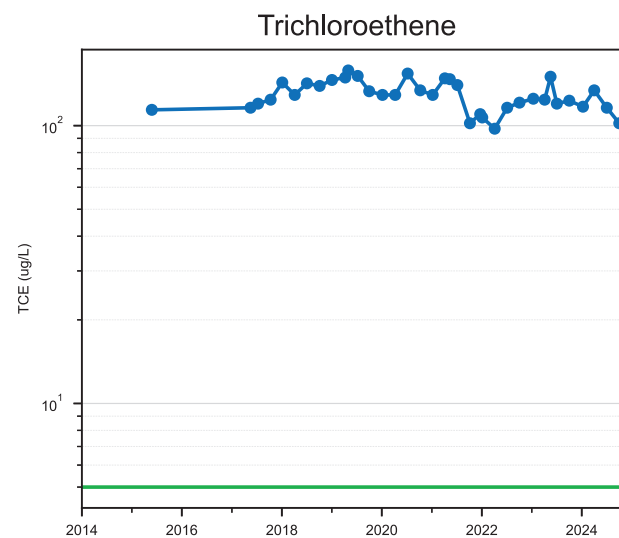
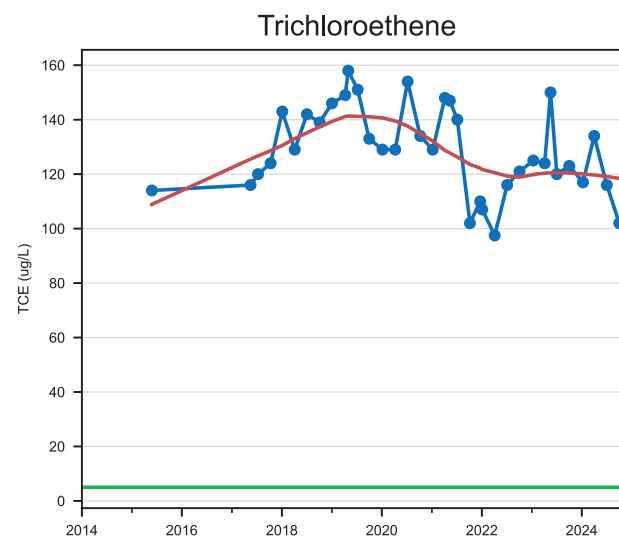
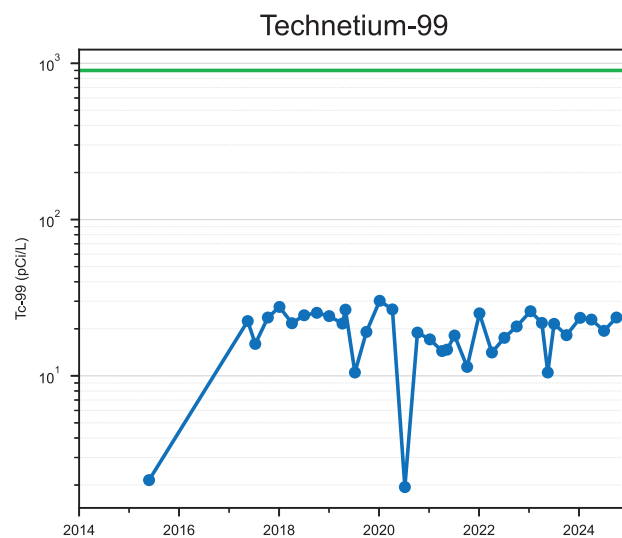
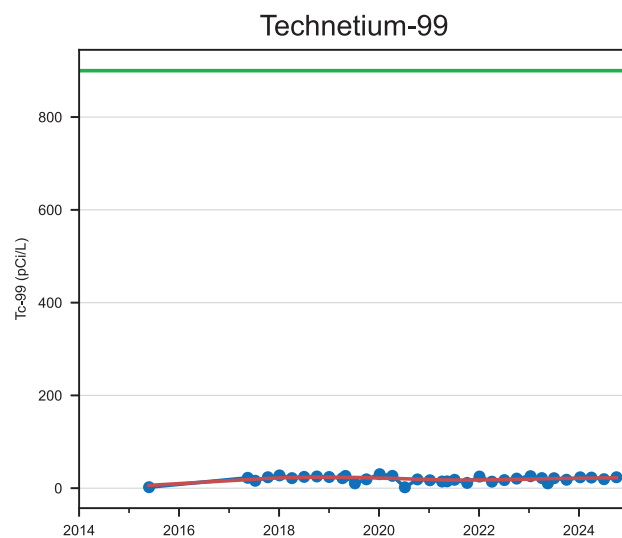

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Figure 221. Tc-99 and TCE at MW495 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/27/2015	< 2.15	114.0
05/17/2017	22.4	116.0
07/11/2017	16.0	120.0
10/11/2017	23.6	124.0
01/04/2018	27.6	143.0
04/05/2018	21.7	129.0
07/03/2018	24.4	142.0
10/04/2018	25.3	139.0
01/02/2019	24.1	146.0
04/09/2019	21.6	149.0
05/01/2019	26.5	158.0
07/09/2019	< 10.5	151.0
10/01/2019	19.1	133.0
01/06/2020	30.2	129.0
04/08/2020	26.6	129.0
07/08/2020	< 1.94	154.0
10/08/2020	18.9	134.0
01/07/2021	17.1	129.0
04/06/2021	14.4	148.0
05/12/2021	< 14.7	147.0
07/06/2021	18.1	140.0
10/06/2021	11.4	102.0
12/20/2021		110.0
01/04/2022	25.1	107.0
04/05/2022	14.1	97.5
07/05/2022	17.5	116.0
10/03/2022	20.7	121.0
01/12/2023	25.9	125.0
04/05/2023	21.8	124.0
05/18/2023	< 10.5	150.0
07/03/2023	21.5	120.0
10/02/2023	18.2	123.0
01/10/2024	23.5	117.0
04/01/2024	22.9	134.0
07/02/2024	19.4	116.0
10/01/2024	23.6	102.0

Notes:

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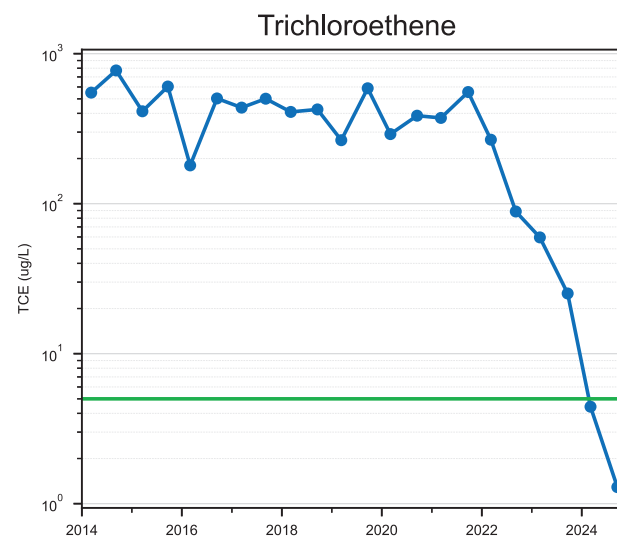
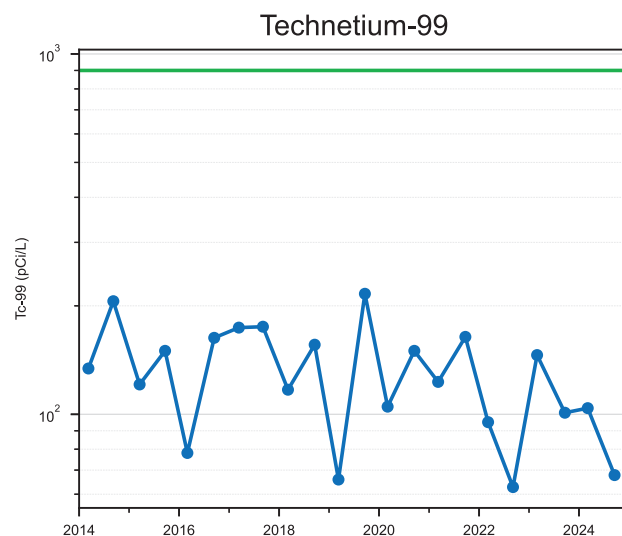
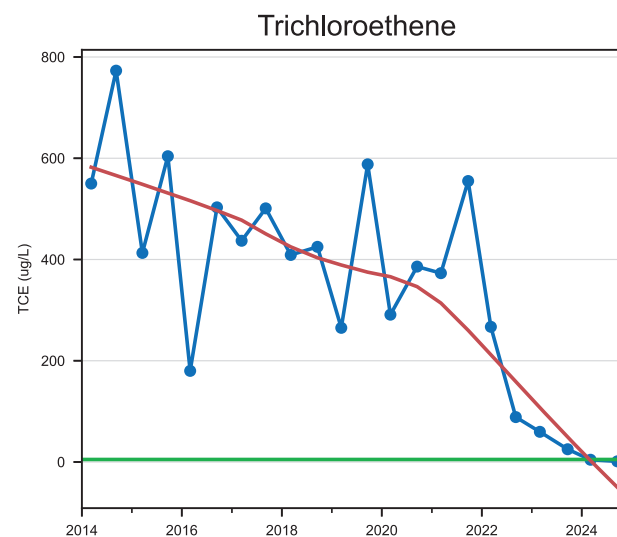
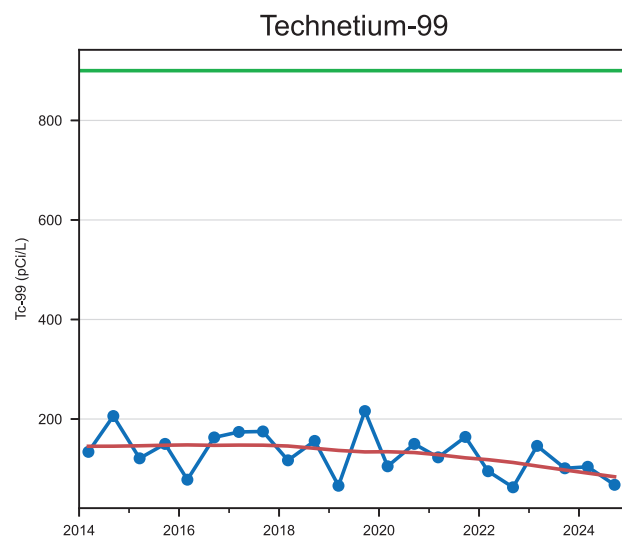
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Figure 222. Tc-99 and TCE at MW496 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/10/2014	134.0	550.0
09/08/2014	206.0	773.0
03/19/2015	121.0	413.0
09/21/2015	150.0	604.0
03/02/2016	78.1	180.0
09/14/2016	163.0	503.0
03/13/2017	174.0	437.0
09/05/2017	175.0	501.0
03/07/2018	117.0	409.0
09/18/2018	156.0	425.0
03/11/2019	65.9	265.0
09/20/2019	216.0	588.0
03/04/2020	105.0	291.0
09/15/2020	150.0	386.0
03/08/2021	123.0	373.0
09/23/2021	164.0	555.0
03/08/2022	95.1	267.0
09/06/2022	62.8	88.7
03/01/2023	146.0	59.6
09/20/2023	101.0	25.2
03/05/2024	104.0	4.43
09/17/2024	67.8	1.29

Notes:

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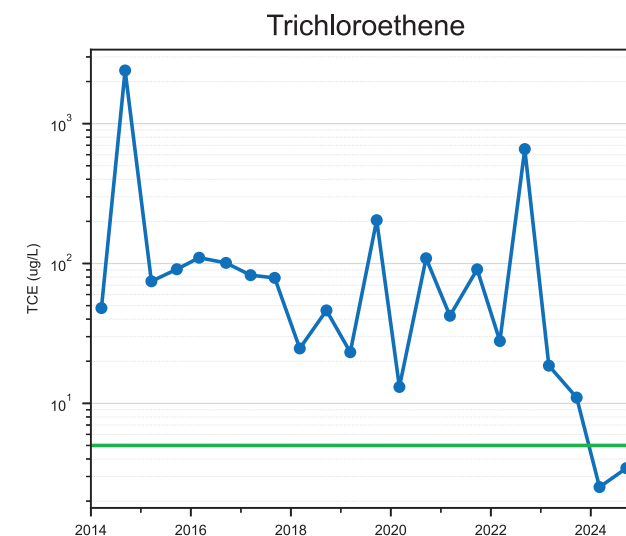
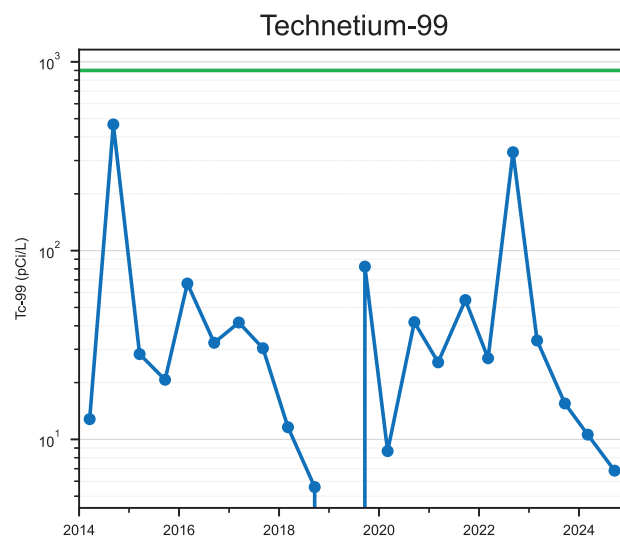
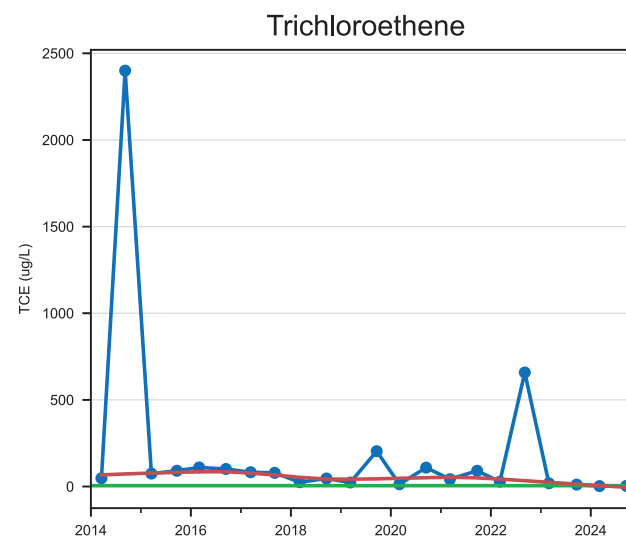
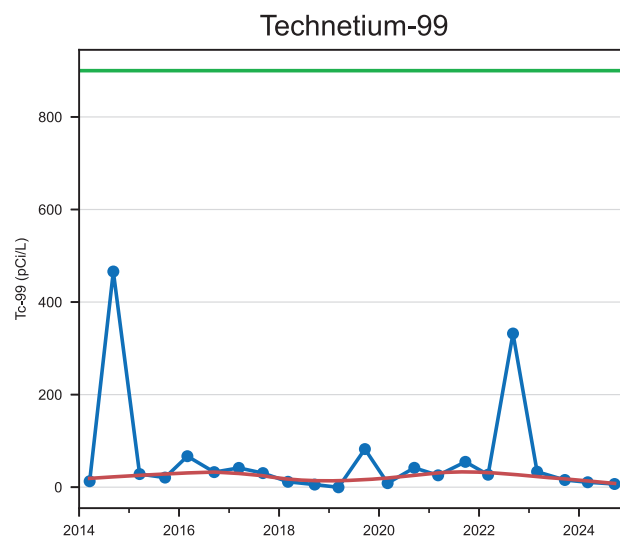

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Figure 223. Tc-99 and TCE at MW497 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/19/2014	< 12.8	48.0
09/08/2014	466.0	2400.0
03/19/2015	28.3	74.6
09/21/2015	20.7	91.0
03/02/2016	66.9	110.0
09/14/2016	32.5	101.0
03/13/2017	41.6	82.5
09/05/2017	30.4	78.9
03/07/2018	< 11.6	24.7
09/18/2018	< 5.59	46.2
03/11/2019	< -0.286	23.2
09/20/2019	82.3	204.0
03/04/2020	< 8.67	13.1
09/15/2020	41.8	109.0
03/08/2021	25.6	42.3
09/23/2021	54.7	90.8
03/08/2022	26.9	27.9
09/06/2022	332.0	658.0
03/01/2023	33.4	18.6
09/20/2023	15.5	11.0
03/05/2024	< 10.6	2.52
09/17/2024	< 6.83	3.44

Notes:

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● Data
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 — MCLs

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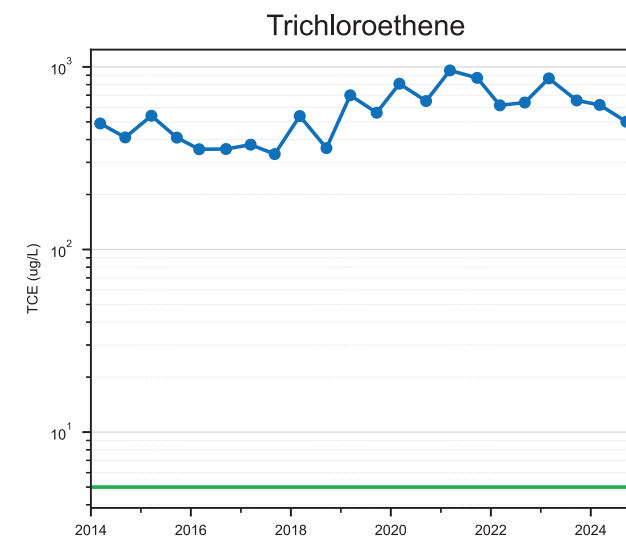
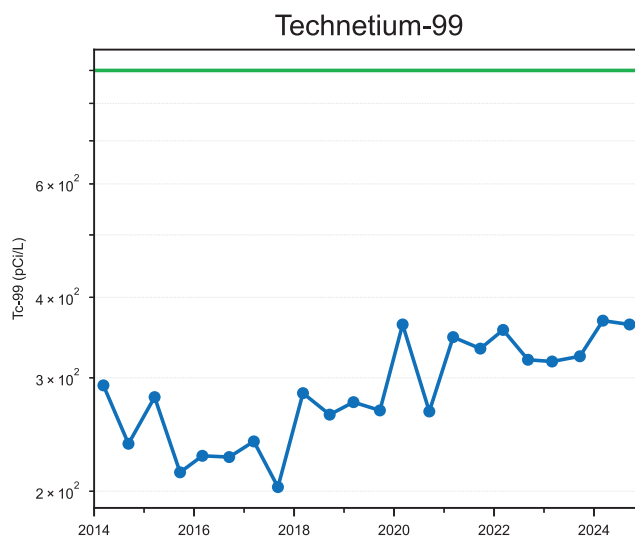
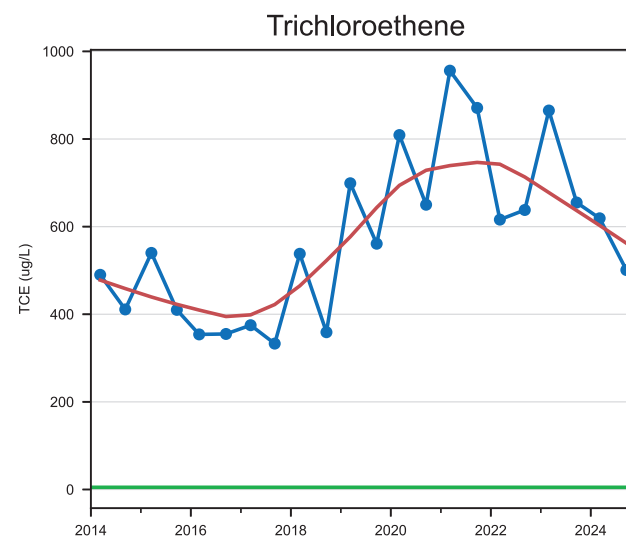
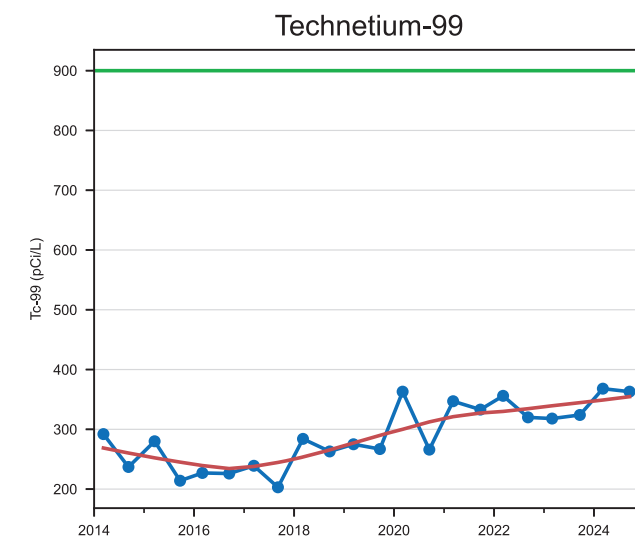
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Figure 224. Tc-99 and TCE at MW498 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/10/2014	292.0	490.0
09/09/2014	237.0	411.0
03/19/2015	280.0	540.0
09/21/2015	214.0	410.0
03/02/2016	227.0	354.0
09/14/2016	226.0	355.0
03/13/2017	239.0	375.0
09/05/2017	203.0	333.0
03/07/2018	284.0	538.0
09/18/2018	263.0	359.0
03/11/2019	275.0	699.0
09/20/2019	267.0	561.0
03/04/2020	363.0	809.0
09/15/2020	266.0	650.0
03/08/2021	347.0	956.0
09/23/2021	333.0	871.0
03/08/2022	356.0	616.0
09/06/2022	320.0	638.0
03/01/2023	318.0	865.0
09/20/2023	324.0	655.0
03/06/2024	368.0	619.0
09/17/2024	363.0	501.0

Notes:

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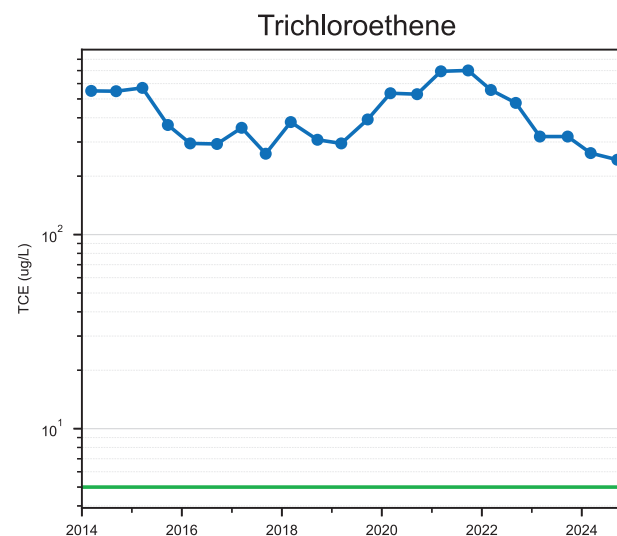
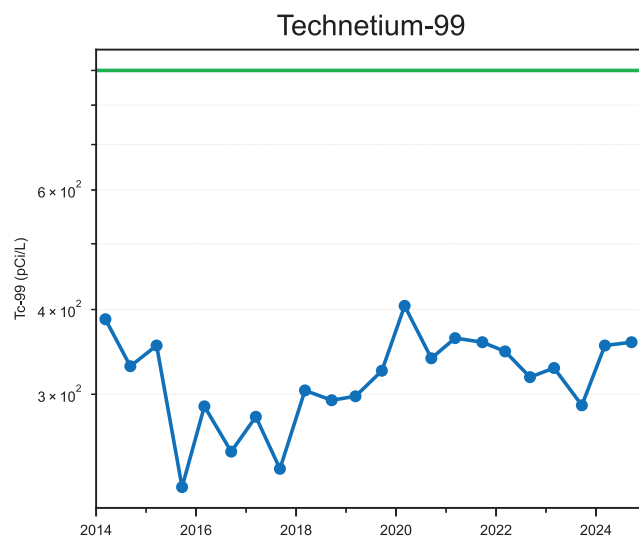
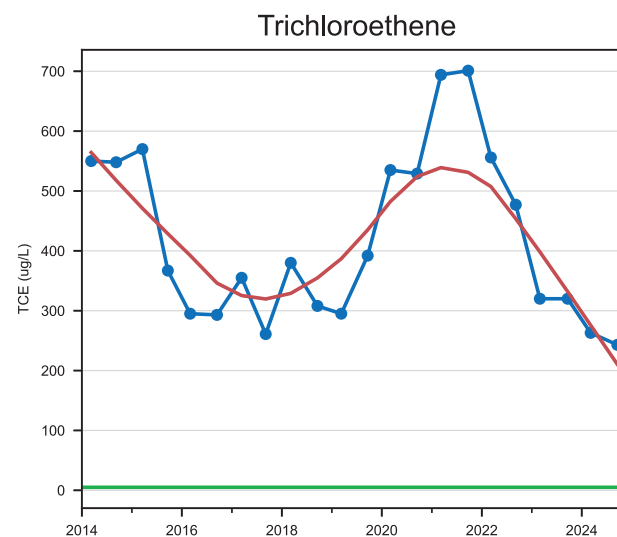
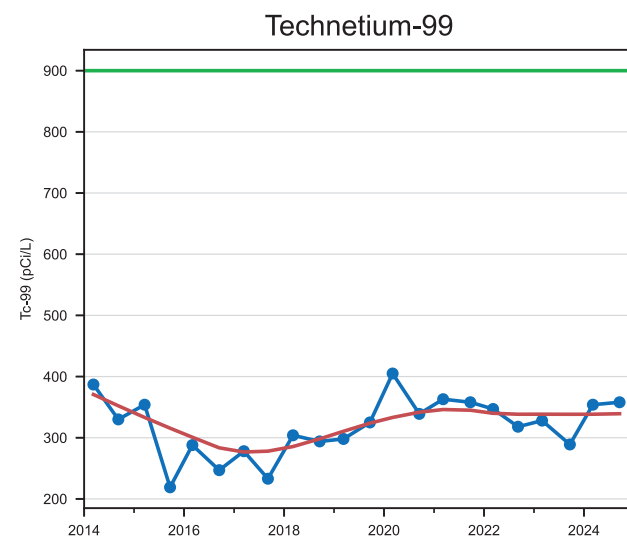
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Figure 225. Tc-99 and TCE at MW499 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/10/2014	387.0	550.0
09/08/2014	330.0	548.0
03/19/2015	354.0	570.0
09/21/2015	219.0	367.0
03/02/2016	288.0	295.0
09/14/2016	247.0	293.0
03/13/2017	278.0	355.0
09/05/2017	233.0	261.0
03/07/2018	304.0	380.0
09/18/2018	294.0	308.0
03/11/2019	298.0	295.0
09/20/2019	325.0	392.0
03/04/2020	405.0	535.0
09/15/2020	339.0	529.0
03/08/2021	363.0	694.0
09/23/2021	358.0	701.0
03/08/2022	347.0	556.0
09/06/2022	318.0	477.0
03/01/2023	328.0	320.0
09/20/2023	289.0	320.0
03/06/2024	354.0	263.0
09/17/2024	358.0	243.0

Notes:

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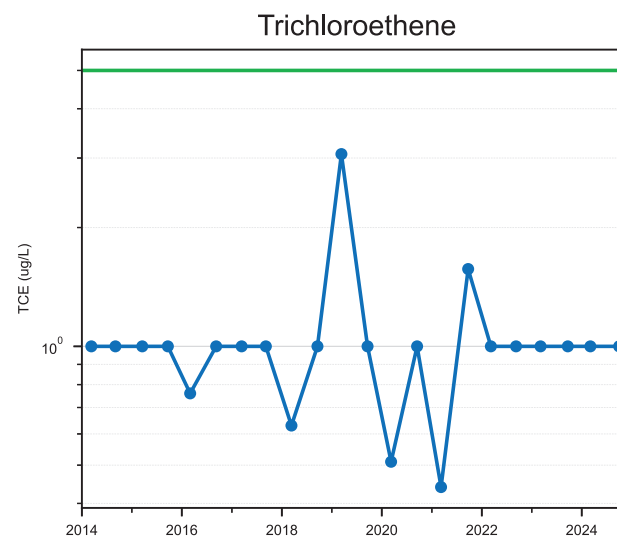
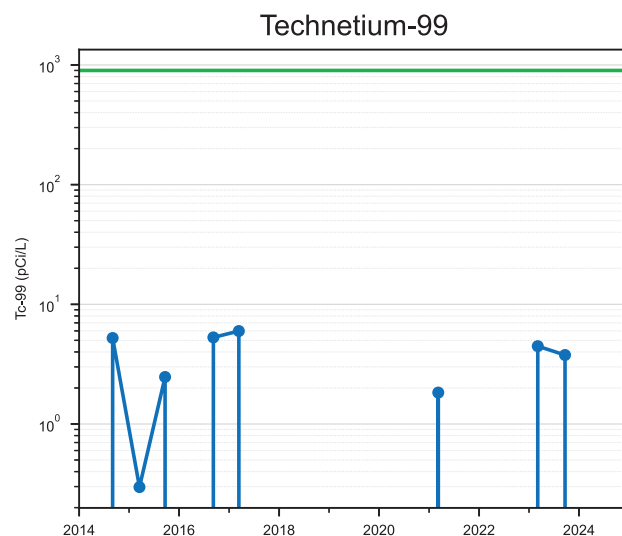
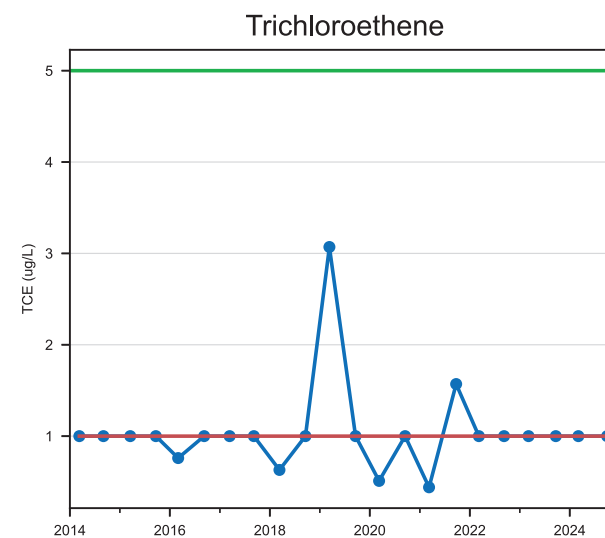
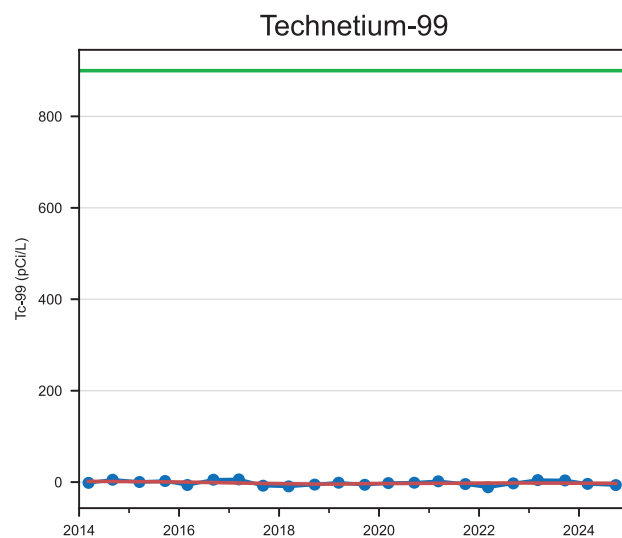
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Figure 226. Tc-99 and TCE at MW500 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/11/2014	< -1.57	< 1.0
09/03/2014	< 5.23	< 1.0
03/18/2015	< 0.297	< 1.0
09/21/2015	< 2.47	< 1.0
03/02/2016	< -6.27	0.76
09/08/2016	< 5.29	< 1.0
03/13/2017	< 5.98	< 1.0
09/06/2017	< -7.78	< 1.0
03/12/2018	< -9.32	0.63
09/18/2018	< -5.38	< 1.0
03/12/2019	< -1.32	3.07
09/19/2019	< -5.79	< 1.0
03/09/2020	< -2.07	0.51
09/15/2020	< -1.29	< 1.0
03/09/2021	< 1.83	0.44
09/23/2021	< -4.26	1.57
03/08/2022	< -11.3	< 1.0
09/08/2022	< -2.71	< 1.0
03/06/2023	< 4.47	< 1.0
09/21/2023	< 3.77	< 1.0
03/04/2024	< -3.84	< 1.0
09/26/2024	< -6.48	
09/30/2024		< 1.0

Notes:

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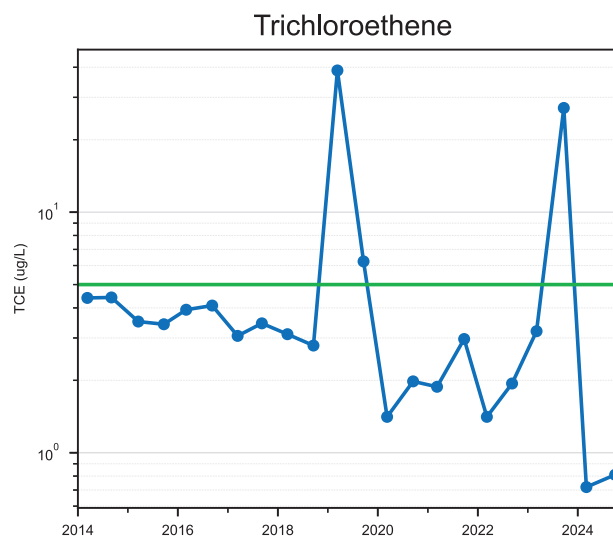
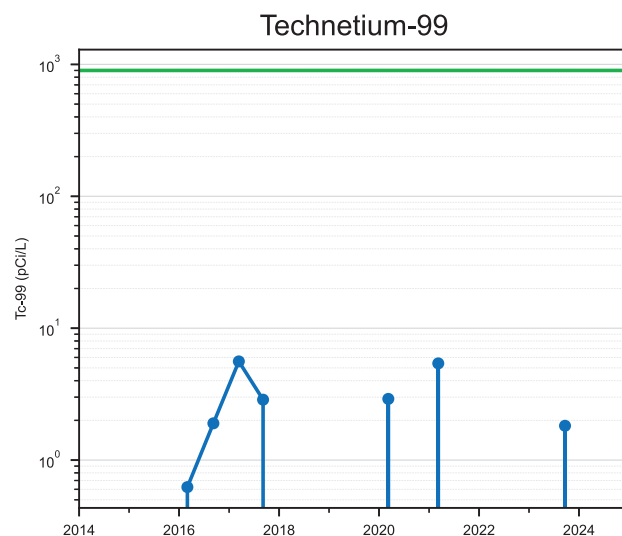
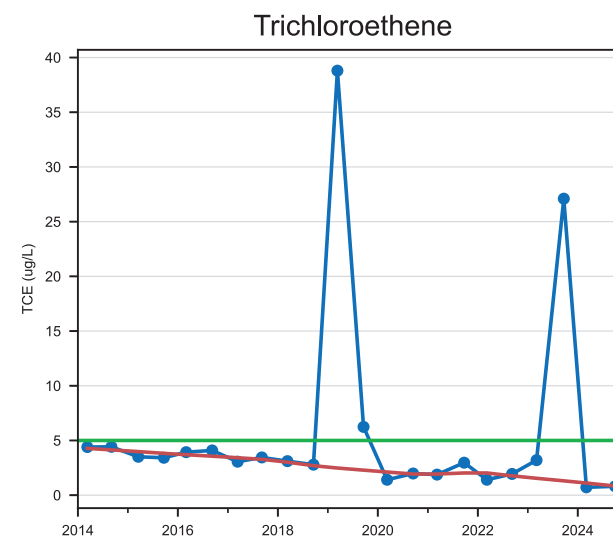
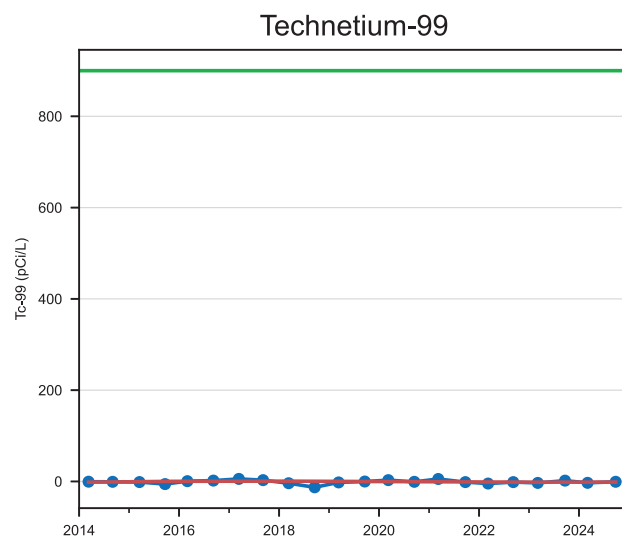
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Figure 227. Tc-99 and TCE at MW501 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/11/2014	< -0.505	4.4
09/03/2014	< -0.792	4.42
03/18/2015	< -1.32	3.51
09/21/2015	< -5.78	3.42
03/02/2016	< 0.624	3.93
09/08/2016	< 1.9	4.09
03/13/2017	< 5.6	3.06
09/06/2017	< 2.87	3.45
03/12/2018	< -3.88	3.11
09/18/2018	< -12.8	2.79
03/12/2019	< -2.1	38.8
09/19/2019	< -0.159	6.24
03/09/2020	< 2.91	1.41
09/15/2020	< -0.796	1.98
03/09/2021	< 5.41	1.88
09/23/2021	< -1.43	2.97
03/08/2022	< -4.56	1.41
09/08/2022	< -1.46	1.94
03/06/2023	< -3.19	3.2
09/21/2023	< 1.82	27.1
03/04/2024	< -3.02	0.72
09/25/2024	< -0.698	
09/30/2024		0.81

Notes:

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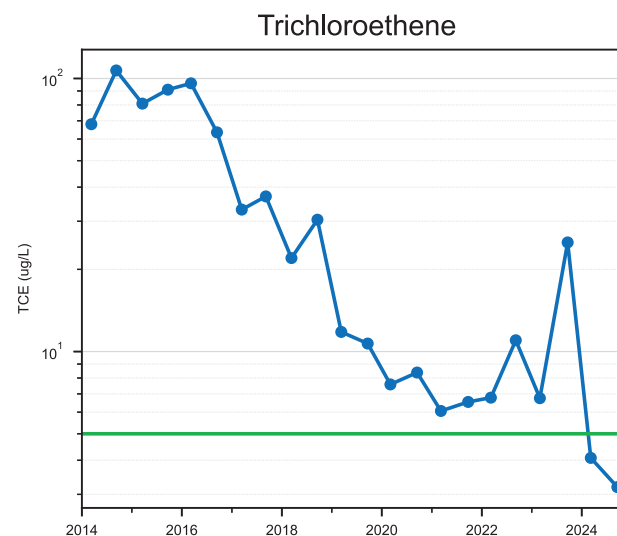
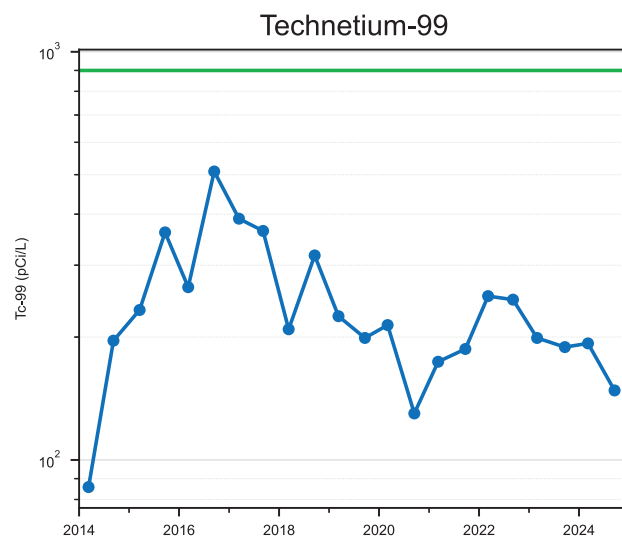
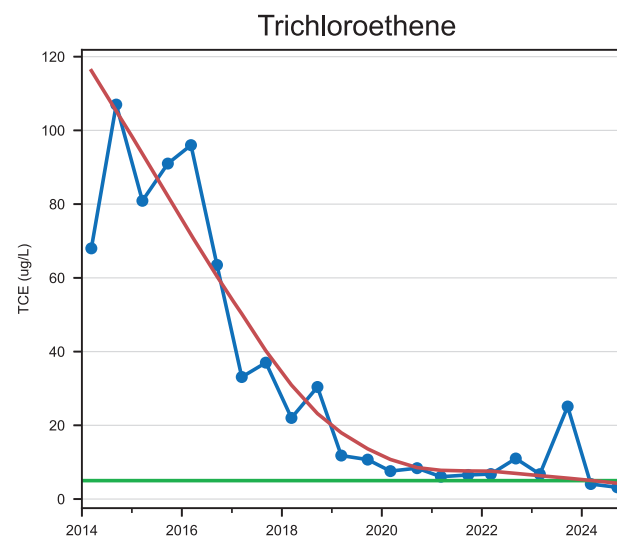
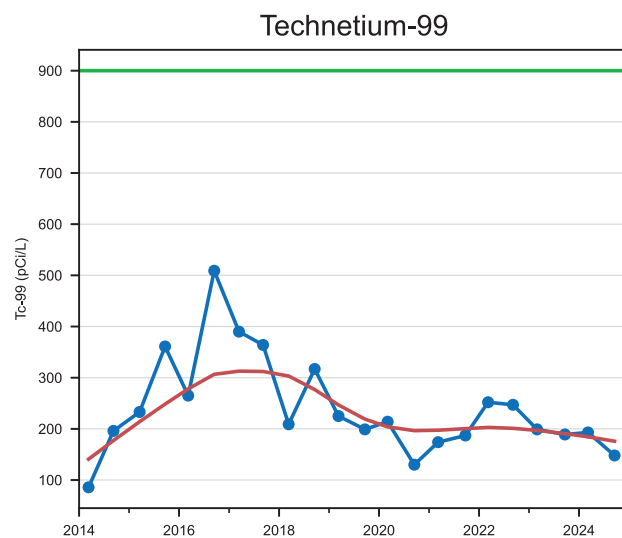
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Figure 228. Tc-99 and TCE at MW502 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/11/2014	85.8	68.0
09/09/2014	196.0	107.0
03/19/2015	233.0	80.9
09/21/2015	361.0	91.0
03/08/2016	265.0	96.0
09/14/2016	509.0	63.5
03/14/2017	390.0	33.1
09/06/2017	364.0	37.0
03/12/2018	209.0	22.0
09/18/2018	317.0	30.4
03/11/2019	225.0	11.8
09/20/2019	199.0	10.7
03/04/2020	214.0	7.58
09/15/2020	130.0	8.38
03/08/2021	174.0	6.06
09/23/2021	187.0	6.54
03/08/2022	252.0	6.78
09/06/2022	247.0	11.0
03/01/2023	199.0	6.75
09/20/2023	189.0	25.1
03/07/2024	193.0	4.08
09/17/2024	148.0	3.19

Notes:

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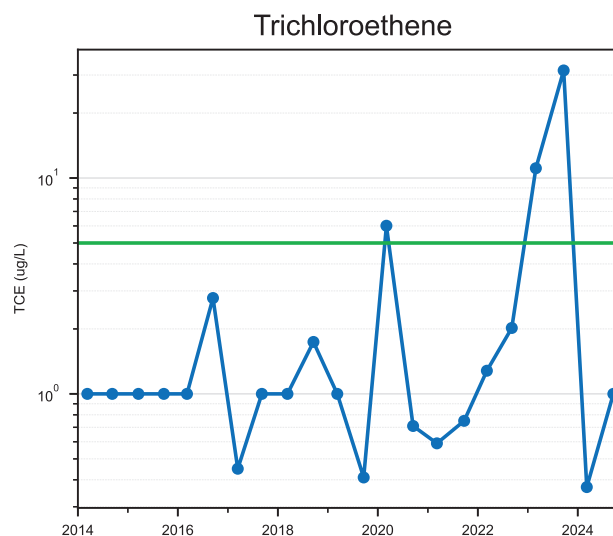
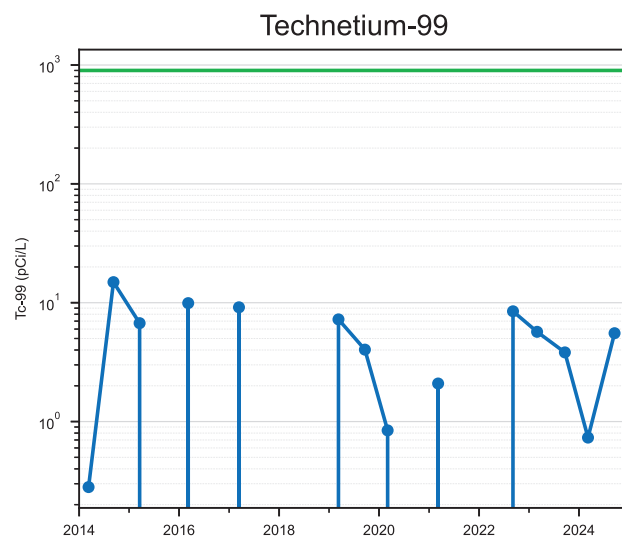
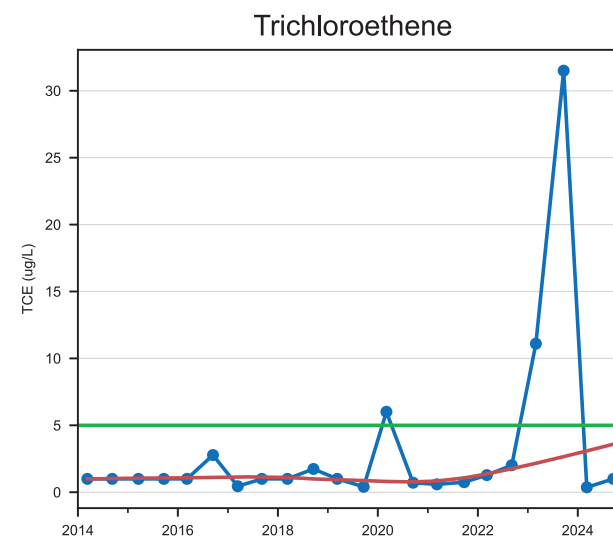
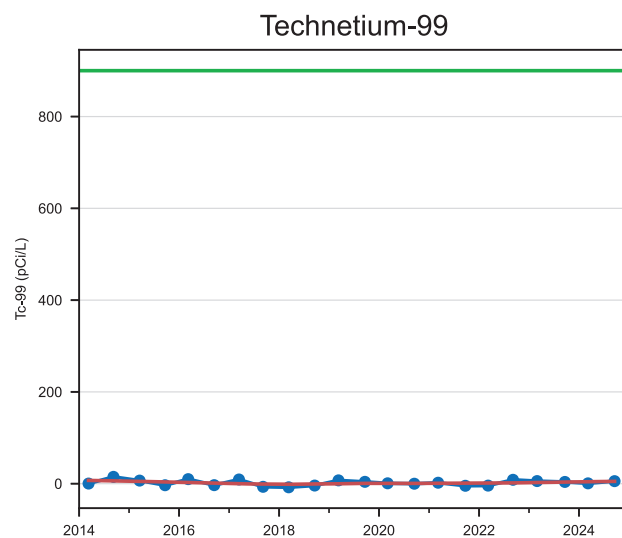
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Figure 229. Tc-99 and TCE at MW503 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/11/2014	< 0.281	< 1.0
09/09/2014	< 14.9	< 1.0
03/19/2015	< 6.73	< 1.0
09/21/2015	< 3.35	< 1.0
03/08/2016	< 9.92	< 1.0
09/14/2016	< 3.2	2.78
03/14/2017	< 9.15	0.45
09/06/2017	< 6.81	< 1.0
03/12/2018	< 7.87	< 1.0
09/18/2018	< 4.05	1.74
03/11/2019	< 7.24	< 1.0
09/20/2019	< 4.03	0.41
03/04/2020	< 0.843	6.01
09/15/2020	< 0.0714	0.71
03/08/2021	< 2.09	0.59
09/23/2021	< 4.57	0.75
03/08/2022	< 4.17	1.28
09/06/2022	< 8.47	2.02
03/01/2023	< 5.69	11.1
09/20/2023	< 3.82	31.5
03/07/2024	< 0.733	0.37
09/17/2024	< 5.54	< 1.0

Notes:

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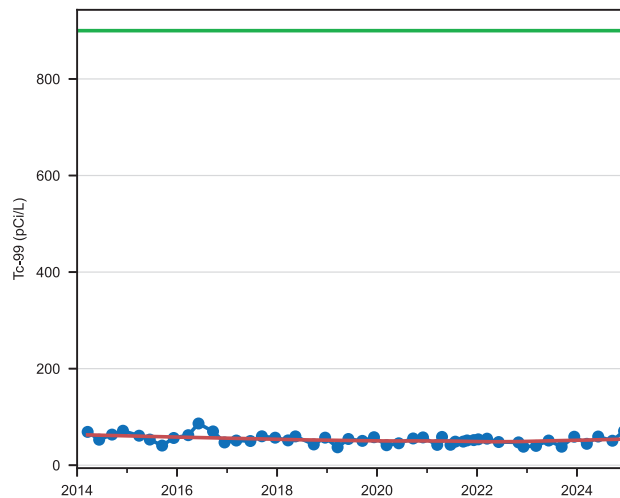
Figure 230. Tc-99 and TCE at MW504 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/19/2014	69.0	23.0
06/11/2014	52.8	26.2
09/13/2014	63.4	150.0
12/02/2014	71.4	22.8
03/30/2015	61.1	16.3
06/16/2015	53.1	16.8
09/14/2015	40.7	18.9
12/08/2015	56.4	49.2
03/23/2016	62.2	22.6
06/06/2016	86.4	32.6
09/20/2016	70.0	56.1
12/13/2016	47.1	10.5
03/09/2017	51.1	13.9
06/20/2017	50.1	109.0
09/12/2017	59.9	15.0
12/18/2017	57.0	36.2
03/22/2018	51.4	20.9
05/15/2018	59.7	10.2
09/26/2018	43.0	9.17
12/18/2018	57.1	10.3
03/19/2019	37.1	9.63
06/06/2019	54.3	11.8
09/16/2019	50.4	67.4
12/10/2019	58.0	25.5
03/11/2020	41.4	9.97
06/08/2020	45.4	63.3
09/21/2020	55.4	8.15
12/02/2020	57.6	5.33
03/16/2021	42.1	5.6
04/20/2021	58.6	8.87
06/21/2021	42.3	35.8
07/26/2021	48.8	11.4
09/22/2021	48.9	11.2
10/20/2021	51.3	18.5
12/08/2021	52.0	10.4
01/10/2022	53.6	6.15
03/15/2022	55.0	6.06
06/08/2022	48.0	6.68
10/31/2022	47.3	4.34
12/06/2022	38.3	16.6
03/08/2023	40.0	13.7
06/08/2023	51.1	16.3
09/11/2023	38.3	3.84
12/12/2023	59.0	3.82
03/13/2024	44.3	6.41
06/04/2024	59.4	4.92
09/16/2024	50.7	3.81
12/10/2024	70.9	2.54

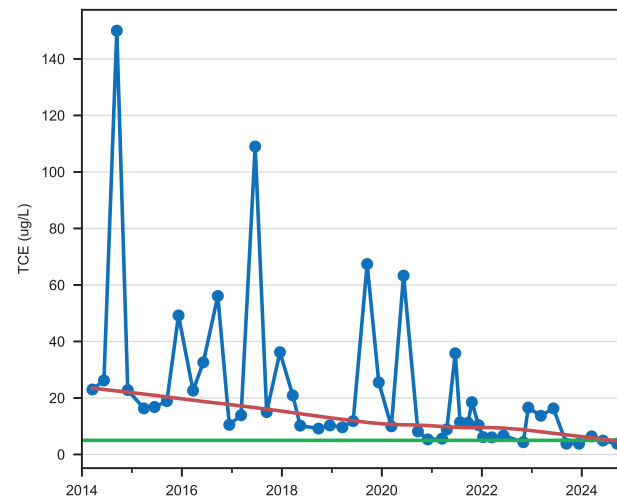
Notes:

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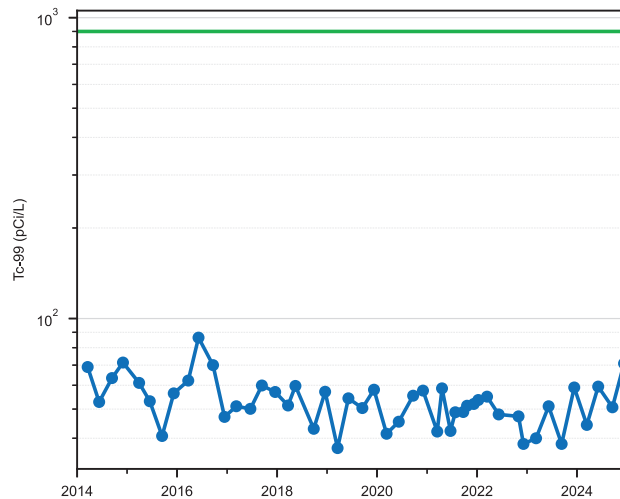
Technetium-99



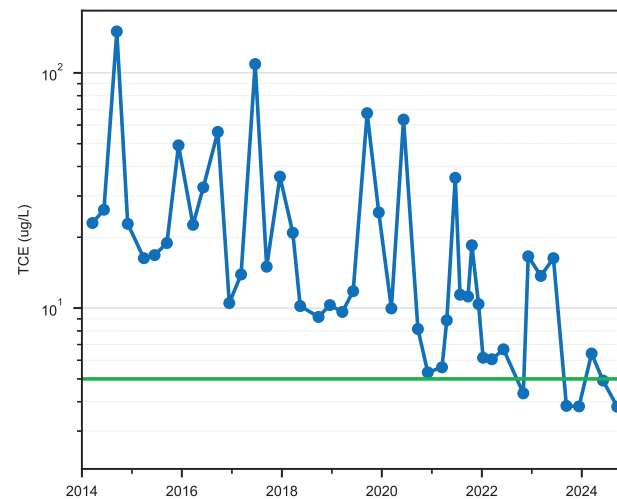
Trichloroethene



Technetium-99



Trichloroethene



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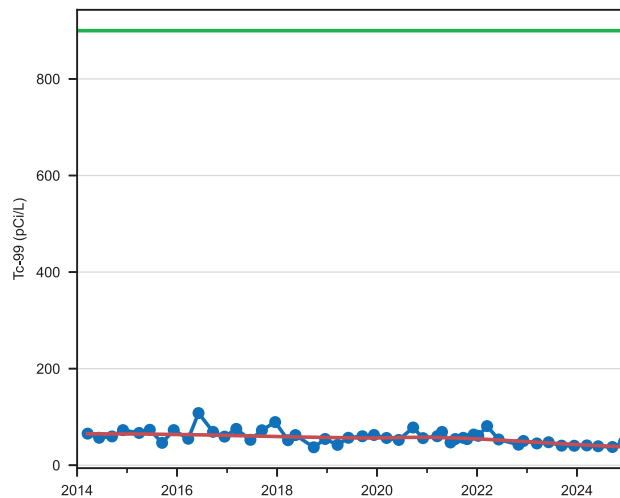
Figure 231. Tc-99 and TCE at MW505 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/19/2014	65.4	1200.0
06/11/2014	56.8	954.0
09/13/2014	59.6	641.0
12/02/2014	72.7	1080.0
03/30/2015	66.8	906.0
06/16/2015	73.4	2690.0
09/14/2015	46.3	7110.0
12/08/2015	72.7	9040.0
03/23/2016	54.8	17600.0
06/06/2016	108.0	24400.0
09/20/2016	69.1	19700.0
12/13/2016	59.2	22200.0
03/09/2017	75.2	15000.0
06/20/2017	52.5	17800.0
09/12/2017	72.4	17400.0
12/18/2017	89.3	19600.0
03/22/2018	51.8	15500.0
05/15/2018	62.4	17900.0
09/26/2018	37.1	7660.0
12/18/2018	54.3	9370.0
03/19/2019	42.1	9680.0
06/06/2019	56.8	12300.0
09/16/2019	60.0	8500.0
12/10/2019	62.6	8150.0
03/11/2020	56.4	10500.0
06/08/2020	52.3	10100.0
09/21/2020	78.1	10900.0
12/02/2020	56.1	8220.0
03/16/2021	60.0	8750.0
04/20/2021	68.9	8950.0
06/21/2021	47.1	6470.0
07/26/2021	54.2	6670.0
09/22/2021	56.7	8350.0
10/20/2021	54.1	6930.0
12/08/2021	63.5	5200.0
01/10/2022	60.8	7450.0
03/15/2022	81.0	3340.0
06/08/2022	53.3	3560.0
10/31/2022	42.5	3640.0
12/06/2022	50.2	2910.0
03/14/2023	45.1	1210.0
06/08/2023	47.6	835.0
09/11/2023	40.5	561.0
12/12/2023	40.3	302.0
03/13/2024	41.0	165.0
06/04/2024	39.3	104.0
09/16/2024	37.7	42.0
12/10/2024	48.1	38.8

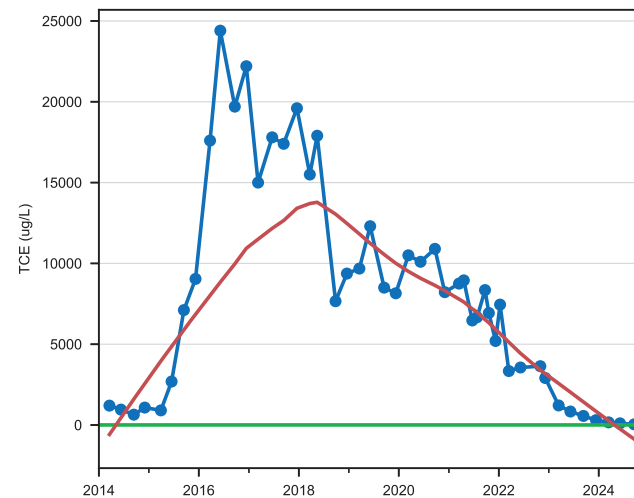
Notes:

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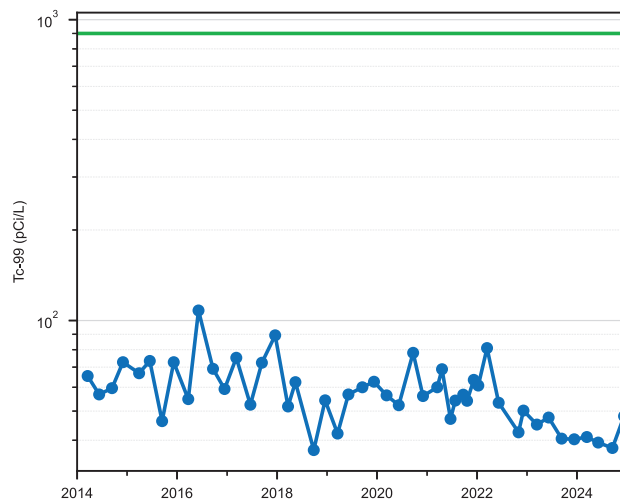
Technetium-99



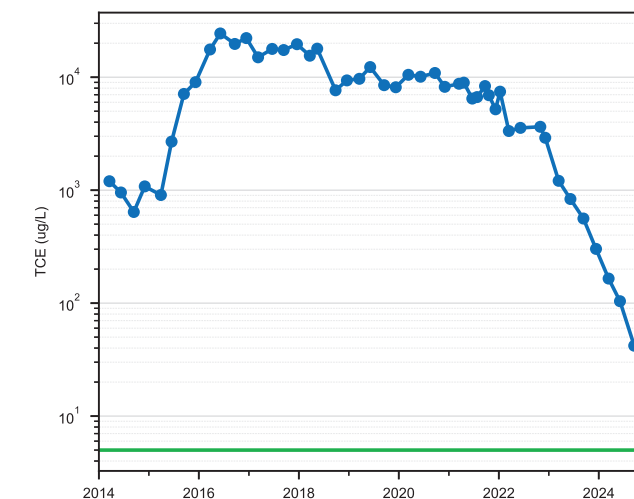
Trichloroethene



Technetium-99



Trichloroethene



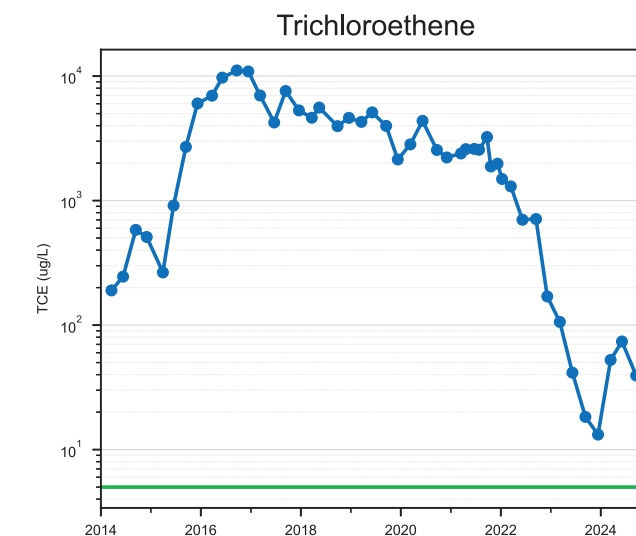
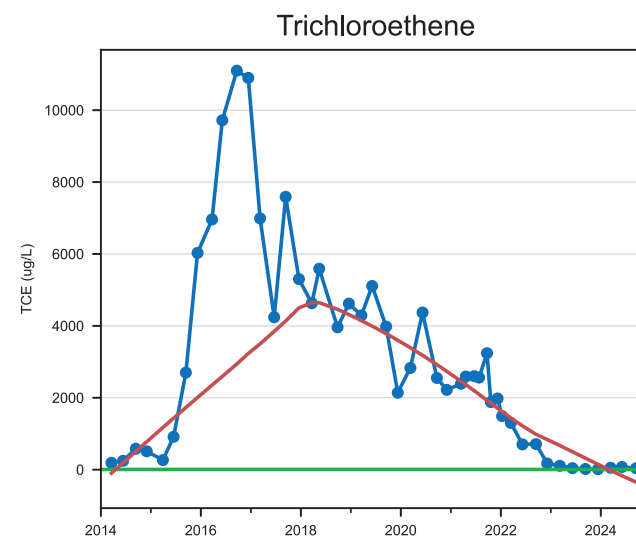
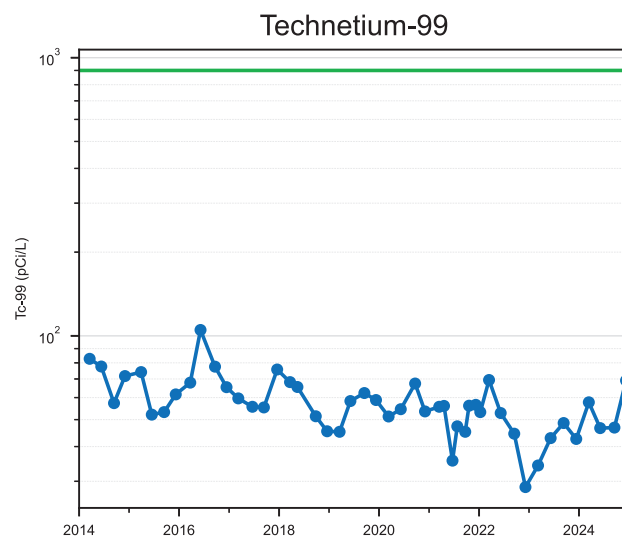
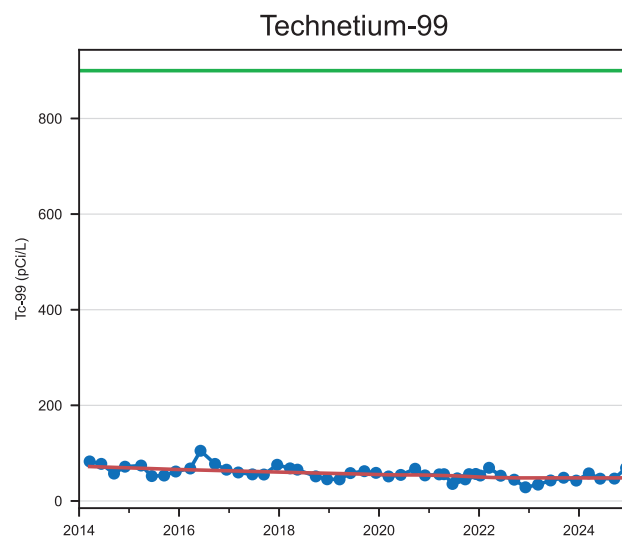
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Figure 232. Tc-99 and TCE at MW506 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/19/2014	82.7	190.0
06/12/2014	77.6	245.0
09/13/2014	57.3	582.0
12/02/2014	71.7	510.0
03/30/2015	74.1	265.0
06/16/2015	52.1	913.0
09/14/2015	53.2	2700.0
12/08/2015	61.6	6030.0
03/23/2016	67.9	6960.0
06/06/2016	105.0	9720.0
09/20/2016	77.5	11100.0
12/13/2016	65.4	10900.0
03/09/2017	59.6	6990.0
06/20/2017	55.6	4240.0
09/12/2017	55.3	7590.0
12/18/2017	75.7	5300.0
03/22/2018	68.2	4630.0
05/15/2018	65.5	5590.0
09/26/2018	51.4	3960.0
12/18/2018	45.4	4620.0
03/19/2019	45.2	4290.0
06/06/2019	58.3	5110.0
09/16/2019	62.3	3980.0
12/10/2019	58.8	2140.0
03/11/2020	51.3	2830.0
06/08/2020	54.5	4370.0
09/21/2020	67.4	2550.0
12/02/2020	53.5	2220.0
03/16/2021	55.6	2390.0
04/20/2021	56.0	2590.0
06/21/2021	35.6	2600.0
07/26/2021	47.3	2560.0
09/22/2021	45.2	3240.0
10/20/2021	56.1	1880.0
12/08/2021	56.5	1980.0
01/10/2022	53.2	1490.0
03/15/2022	69.4	1300.0
06/08/2022	52.8	702.0
09/15/2022	44.5	711.0
12/06/2022	28.6	170.0
03/08/2023	34.2	106.0
06/08/2023	42.9	41.5
09/11/2023	48.6	18.3
12/12/2023	42.6	13.2
03/13/2024	57.7	52.5
06/04/2024	46.6	73.9
09/16/2024	46.8	39.3
12/10/2024	69.1	37.7



Notes:

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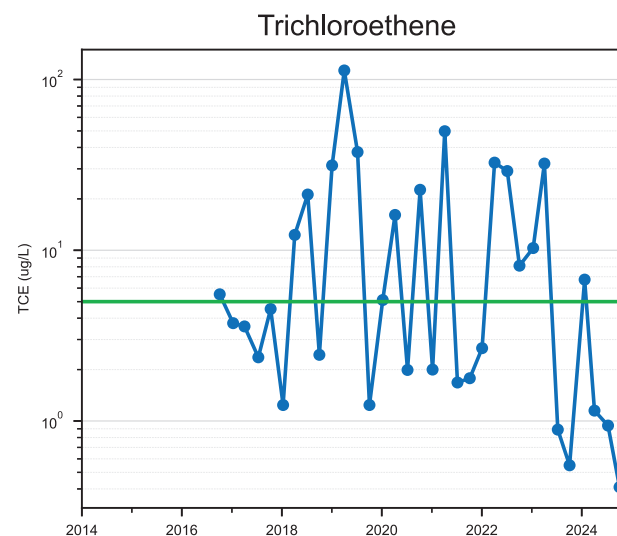
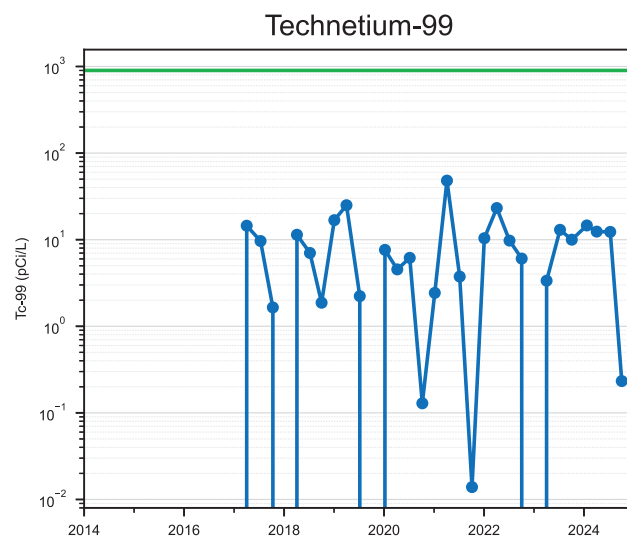
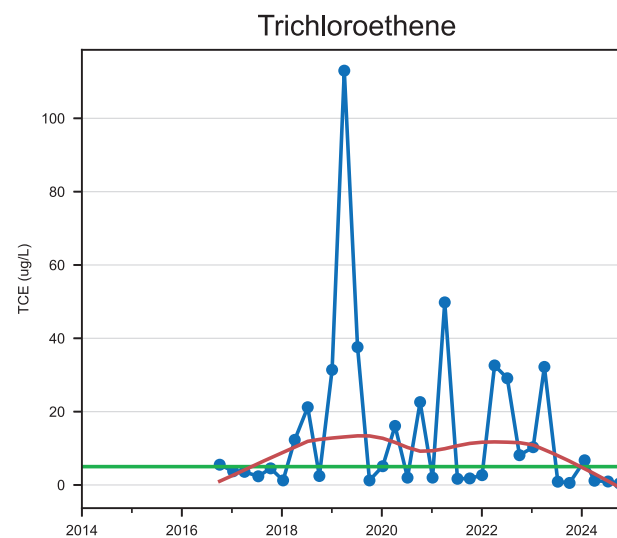
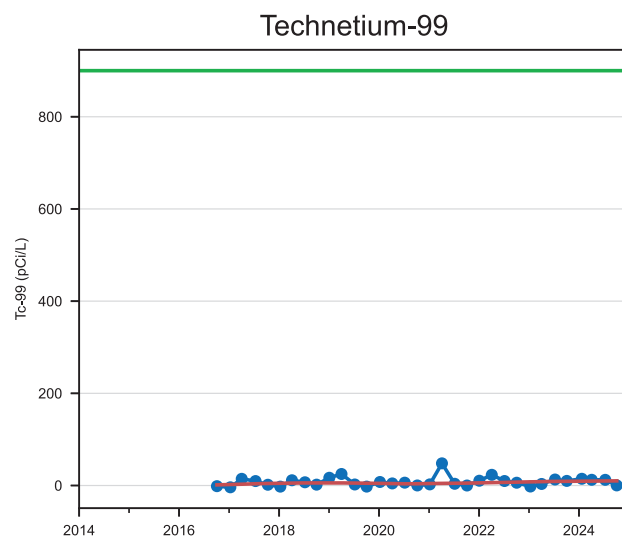
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Figure 233. Tc-99 and TCE at MW507 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
10/04/2016	< -1,43	5,52
01/10/2017	< -3,88	3,74
04/03/2017	14,5	3,58
07/13/2017	< 9,65	2,36
10/11/2017	< 1,65	4,53
01/10/2018	< -2,43	1,24
04/05/2018	< 11,4	12,3
07/09/2018	< 7,02	21,2
10/02/2018	< 1,87	2,44
01/03/2019	16,8	31,4
04/02/2019	25,0	113,0
07/08/2019	< 2,23	37,6
10/03/2019	< -2,36	1,24
01/08/2020	< 7,63	5,11
04/07/2020	< 4,54	16,1
07/07/2020	< 6,17	1,99
10/07/2020	< 0,129	22,6
01/06/2021	< 2,43	2,0
04/05/2021	48,1	49,8
07/07/2021	< 3,75	1,68
10/05/2021	< 0,0139	1,78
01/03/2022	10,4	2,67
04/04/2022	23,2	32,6
07/06/2022	< 9,76	29,1
10/03/2022	< 6,05	8,12
01/11/2023	< -2,17	10,3
04/03/2023	< 3,36	32,2
07/10/2023	13,0	0,89
10/04/2023	< 10,0	0,55
01/22/2024	14,6	6,73
04/03/2024	12,4	1,15
07/11/2024	12,3	0,94
10/03/2024	< 0,233	0,41

Notes:

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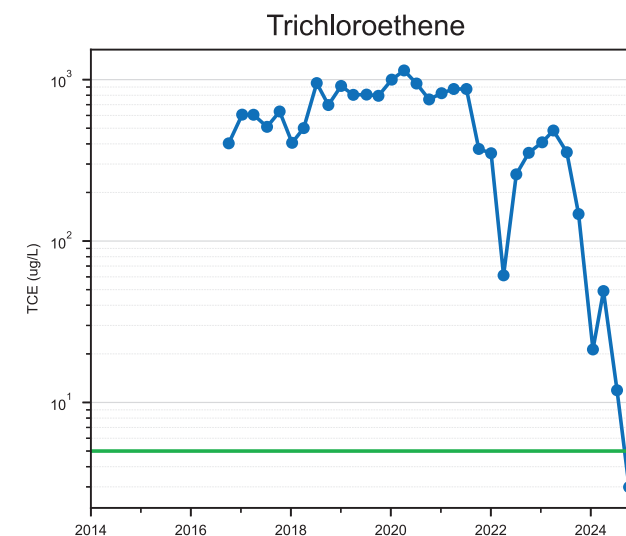
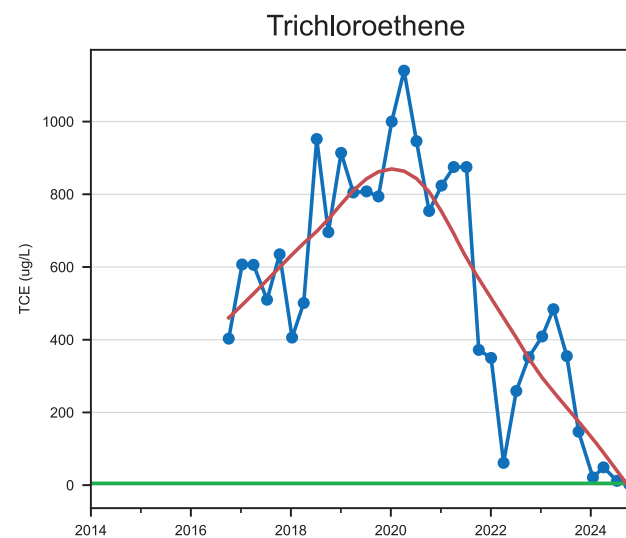
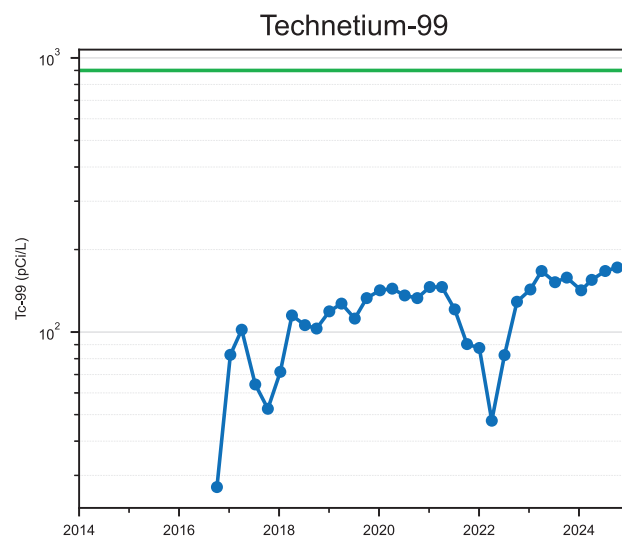
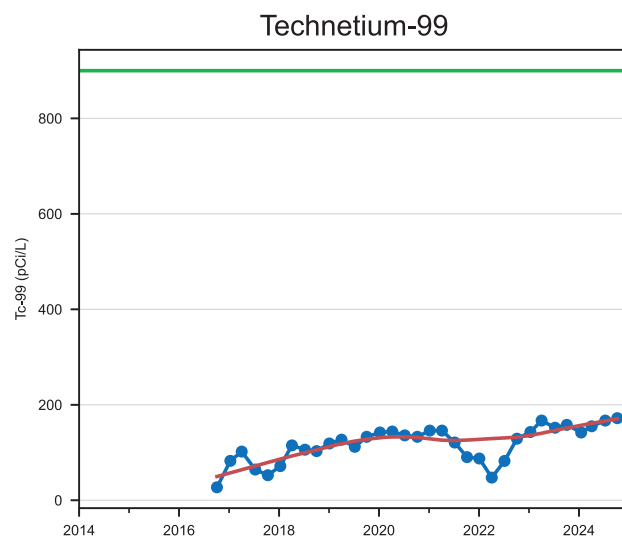
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Figure 234. Tc-99 and TCE at MW524 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
10/04/2016	27.2	403.0
01/10/2017	82.6	607.0
04/03/2017	102.0	606.0
07/11/2017	64.4	510.0
10/11/2017	52.5	635.0
01/10/2018	71.6	406.0
04/05/2018	115.0	501.0
07/09/2018	106.0	952.0
10/02/2018	103.0	696.0
01/03/2019	119.0	914.0
04/02/2019	127.0	805.0
07/08/2019	112.0	808.0
10/03/2019	133.0	794.0
01/08/2020	142.0	1000.0
04/07/2020	144.0	1140.0
07/07/2020	136.0	946.0
10/07/2020	133.0	754.0
01/06/2021	146.0	824.0
04/05/2021	146.0	875.0
07/07/2021	121.0	875.0
10/05/2021	90.4	372.0
01/03/2022	87.5	350.0
04/04/2022	47.5	61.3
07/06/2022	82.4	259.0
10/05/2022	129.0	352.0
01/11/2023	143.0	409.0
04/03/2023	167.0	484.0
07/10/2023	152.0	355.0
10/04/2023	158.0	147.0
01/17/2024	142.0	21.3
04/03/2024	155.0	49.0
07/11/2024	167.0	11.9
10/07/2024	172.0	2.99

Notes:

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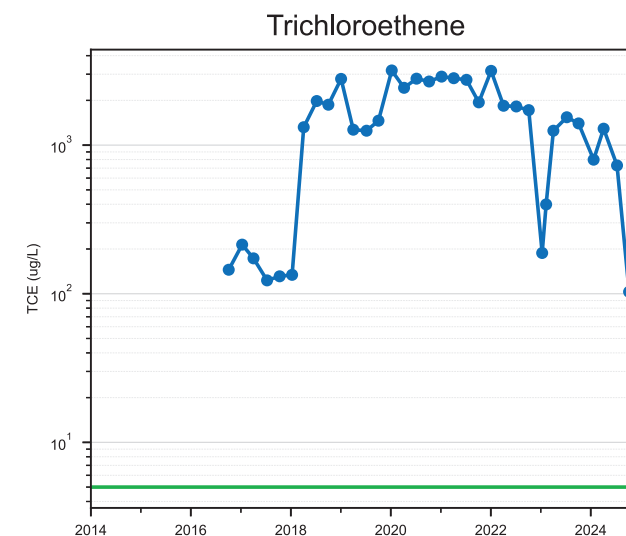
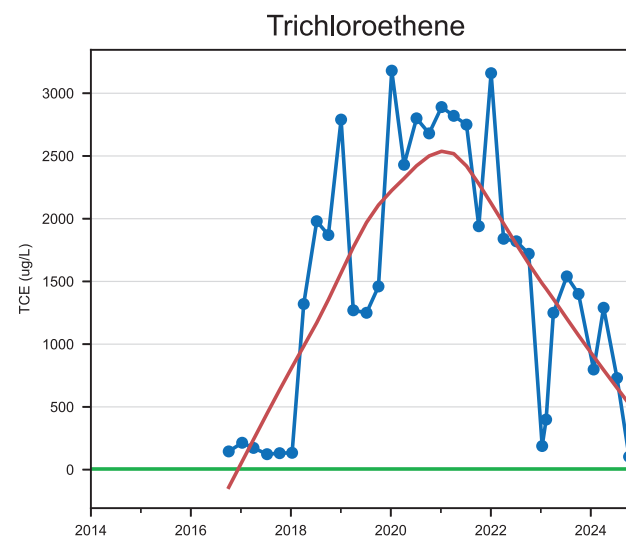
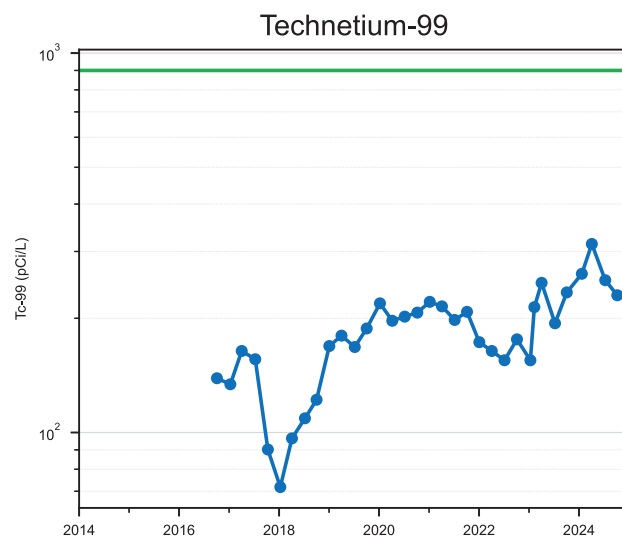
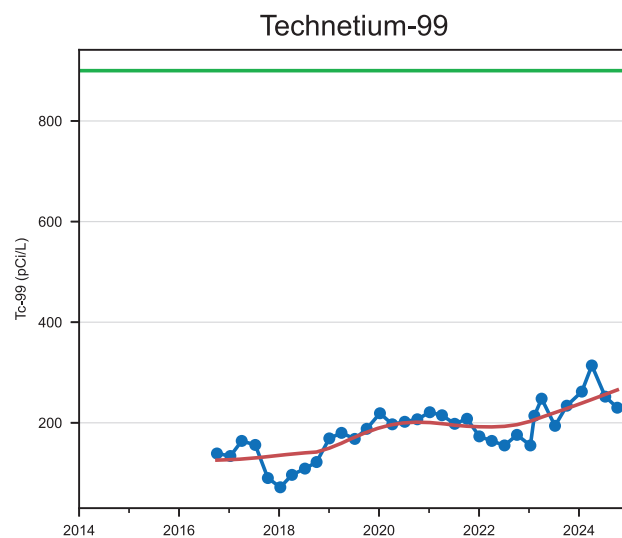

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Figure 235. Tc-99 and TCE at MW525 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
10/04/2016	139.0	145.0
01/10/2017	134.0	214.0
04/03/2017	164.0	173.0
07/11/2017	156.0	123.0
10/11/2017	90.2	131.0
01/10/2018	71.8	134.0
04/05/2018	96.5	1320.0
07/09/2018	109.0	1980.0
10/02/2018	122.0	1870.0
01/03/2019	169.0	2790.0
04/02/2019	180.0	1270.0
07/08/2019	168.0	1250.0
10/03/2019	188.0	1460.0
01/08/2020	219.0	3180.0
04/07/2020	197.0	2430.0
07/07/2020	202.0	2800.0
10/07/2020	207.0	2680.0
01/06/2021	221.0	2890.0
04/05/2021	215.0	2820.0
07/07/2021	198.0	2750.0
10/05/2021	208.0	1940.0
01/03/2022	173.0	3160.0
04/04/2022	164.0	1840.0
07/06/2022	155.0	1820.0
10/05/2022	176.0	1720.0
01/11/2023	155.0	188.0
02/09/2023	214.0	399.0
04/03/2023	248.0	1250.0
07/10/2023	194.0	1540.0
10/04/2023	234.0	1400.0
01/22/2024	262.0	798.0
04/04/2024	314.0	1290.0
07/11/2024	252.0	730.0
10/07/2024	230.0	103.0

Notes:

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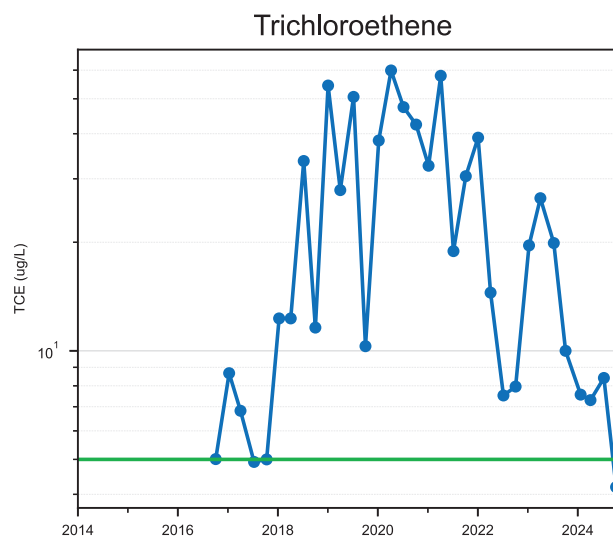
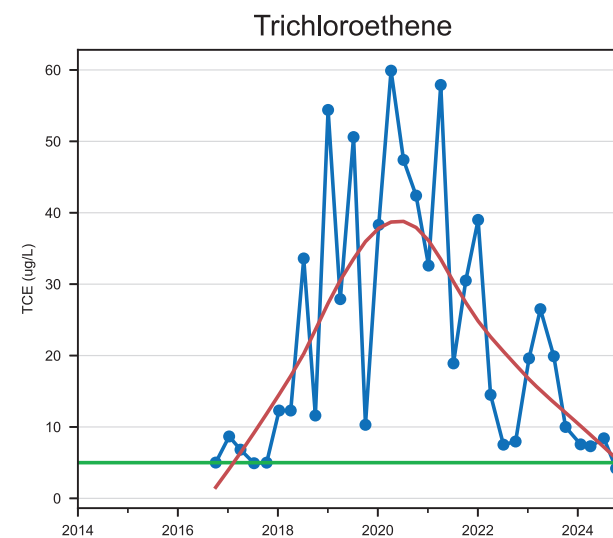
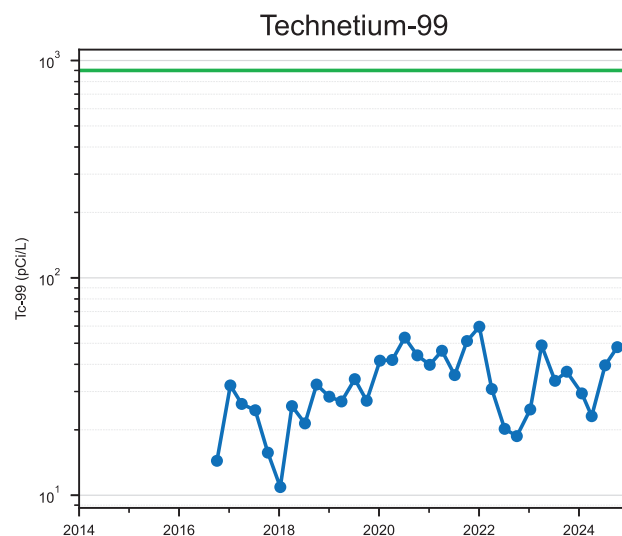
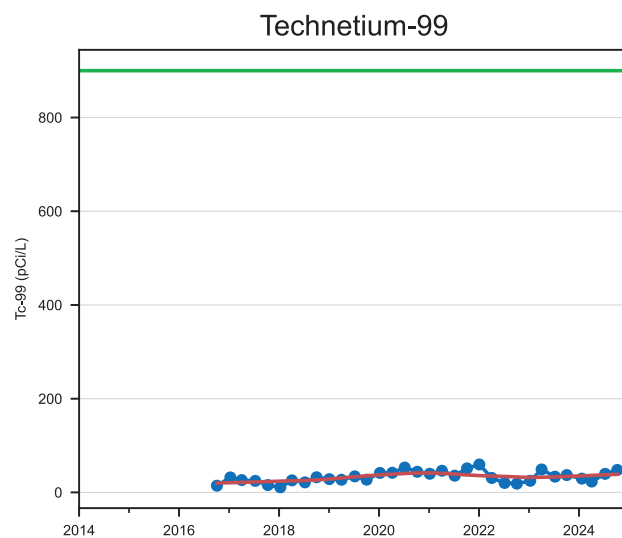
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Figure 236. Tc-99 and TCE at MW526 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
10/04/2016	14.4	5.01
01/10/2017	32.0	8.67
04/03/2017	26.3	6.82
07/11/2017	24.6	4.92
10/11/2017	< 15.7	5.0
01/10/2018	< 10.9	12.3
04/05/2018	25.7	12.3
07/09/2018	21.4	33.6
10/02/2018	32.3	11.6
01/03/2019	28.4	54.4
04/02/2019	27.0	27.9
07/08/2019	34.2	50.6
10/03/2019	27.2	10.3
01/08/2020	41.6	38.3
04/07/2020	41.9	59.9
07/07/2020	53.1	47.4
10/07/2020	44.0	42.4
01/06/2021	39.8	32.6
04/05/2021	46.2	57.9
07/07/2021	35.7	18.9
10/05/2021	51.2	30.5
01/03/2022	59.6	39.0
04/04/2022	30.8	14.5
07/07/2022	20.2	7.52
10/04/2022	18.7	7.96
01/10/2023	24.8	19.6
04/03/2023	48.9	26.5
07/10/2023	33.6	19.9
10/04/2023	37.0	10.0
01/22/2024	29.4	7.56
04/03/2024	23.1	7.3
07/10/2024	39.6	8.41
10/07/2024	48.0	4.19

Notes:

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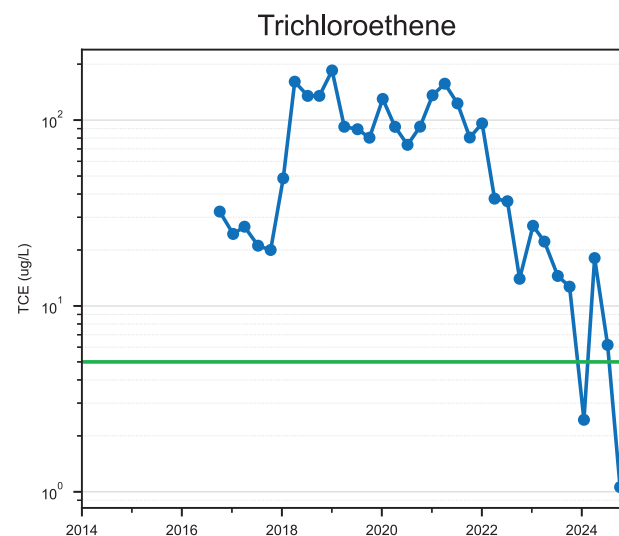
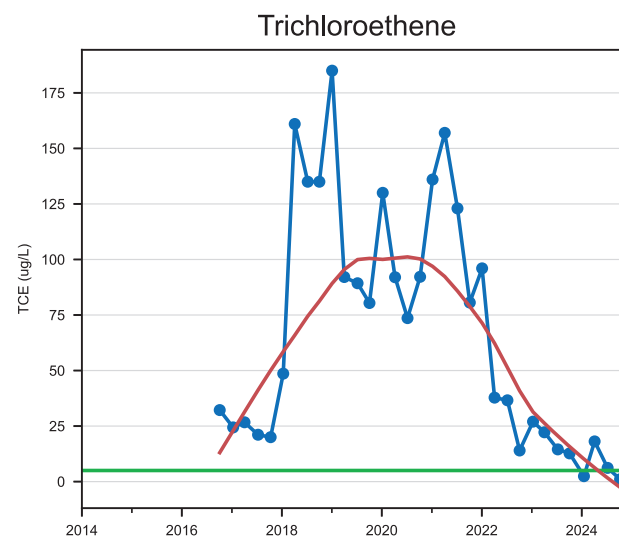
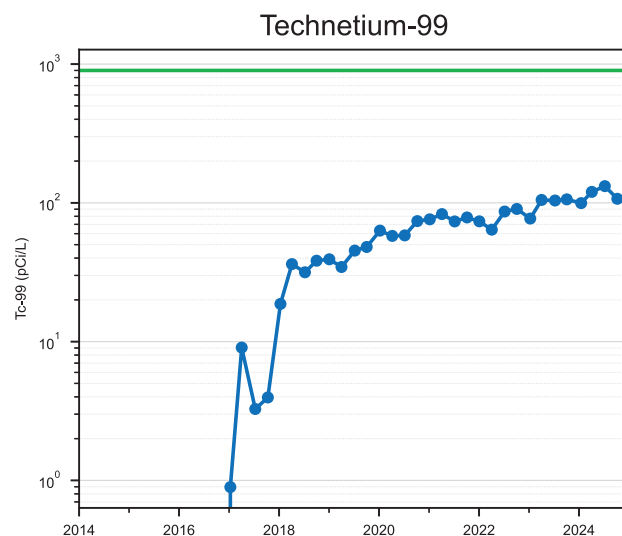
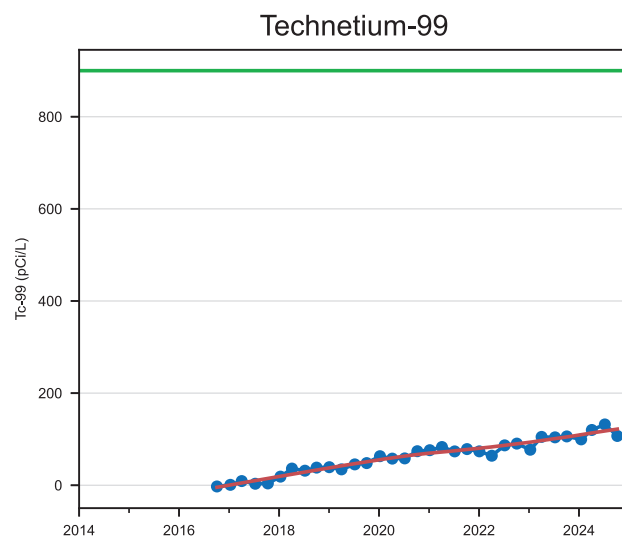
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Figure 237. Tc-99 and TCE at MW527 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
10/04/2016	< -2.63	32.2
01/10/2017	< 0.895	24.4
04/03/2017	< 9.06	26.7
07/11/2017	< 3.27	21.1
10/11/2017	< 3.96	20.0
01/11/2018	18.7	48.6
04/05/2018	36.2	161.0
07/09/2018	31.6	135.0
10/02/2018	38.3	135.0
01/03/2019	39.2	185.0
04/02/2019	34.5	92.1
07/08/2019	45.3	89.3
10/03/2019	48.1	80.4
01/08/2020	63.1	130.0
04/07/2020	57.8	92.0
07/07/2020	58.3	73.6
10/07/2020	73.9	92.2
01/06/2021	76.1	136.0
04/05/2021	83.0	157.0
07/07/2021	73.5	123.0
10/05/2021	78.5	80.6
01/03/2022	73.6	96.0
04/04/2022	64.1	37.8
07/07/2022	86.6	36.6
10/04/2022	90.4	14.0
01/10/2023	77.1	27.0
04/03/2023	105.0	22.2
07/10/2023	104.0	14.5
10/04/2023	106.0	12.7
01/17/2024	99.6	2.44
04/04/2024	120.0	18.1
07/08/2024	132.0	6.17
10/07/2024	107.0	1.06

Notes:

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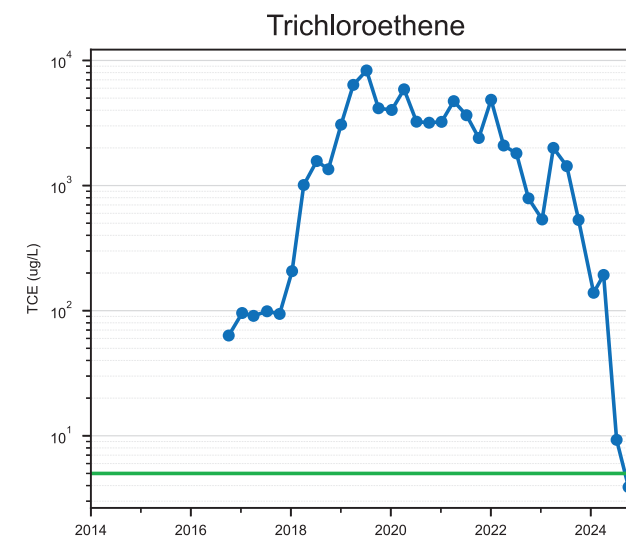
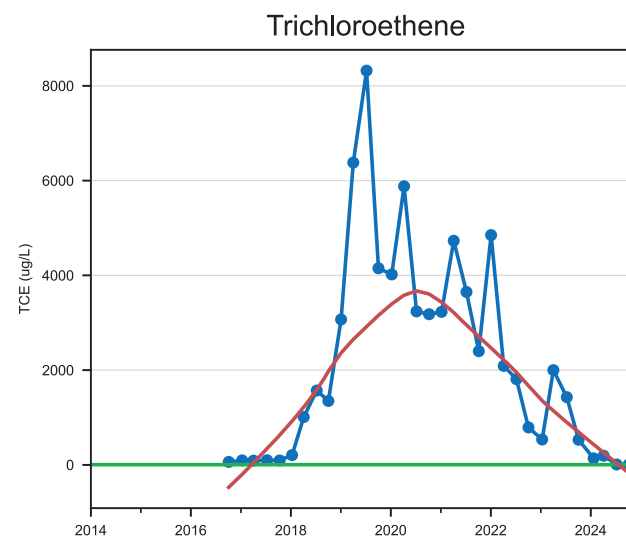
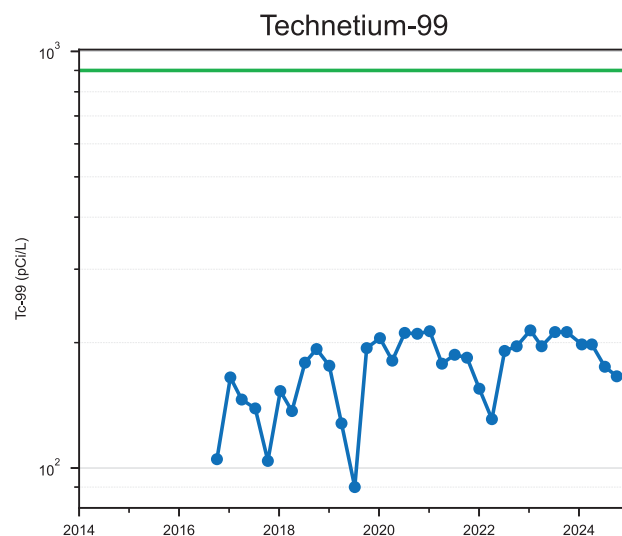
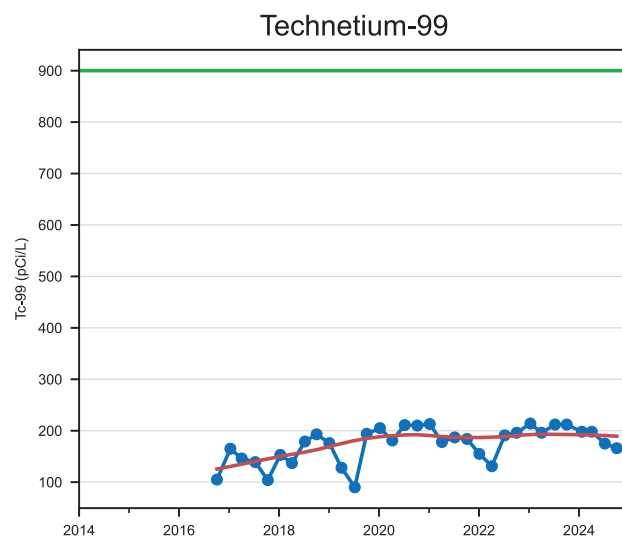
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Figure 238. Tc-99 and TCE at MW528 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
10/04/2016	105.0	63.3
01/10/2017	165.0	95.8
04/03/2017	146.0	90.9
07/11/2017	139.0	98.9
10/11/2017	104.0	94.2
01/10/2018	153.0	207.0
04/05/2018	137.0	1010.0
07/09/2018	179.0	1570.0
10/02/2018	193.0	1350.0
01/03/2019	176.0	3070.0
04/02/2019	128.0	6380.0
07/08/2019	90.0	8320.0
10/03/2019	194.0	4150.0
01/08/2020	205.0	4020.0
04/07/2020	181.0	5880.0
07/07/2020	211.0	3240.0
10/07/2020	210.0	3180.0
01/06/2021	213.0	3230.0
04/05/2021	178.0	4730.0
07/07/2021	187.0	3650.0
10/05/2021	184.0	2400.0
01/03/2022	155.0	4850.0
04/05/2022	131.0	2090.0
07/07/2022	191.0	1810.0
10/03/2022	196.0	791.0
01/11/2023	214.0	536.0
04/03/2023	196.0	2000.0
07/10/2023	212.0	1430.0
10/04/2023	212.0	531.0
01/22/2024	198.0	139.0
04/04/2024	198.0	193.0
07/08/2024	175.0	9.28
10/03/2024	166.0	3.89

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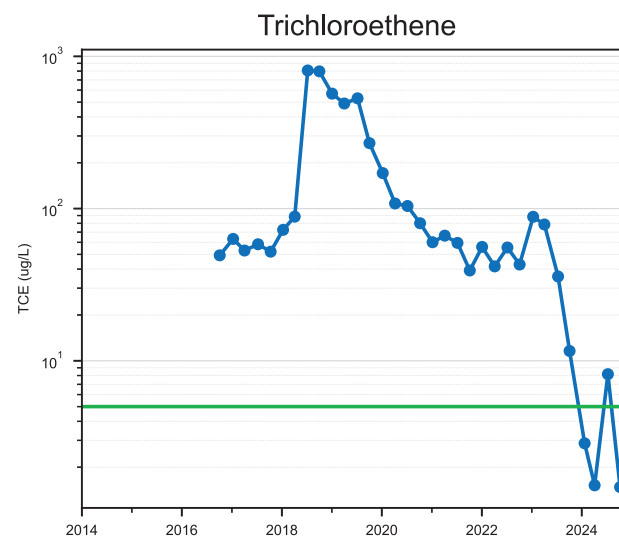
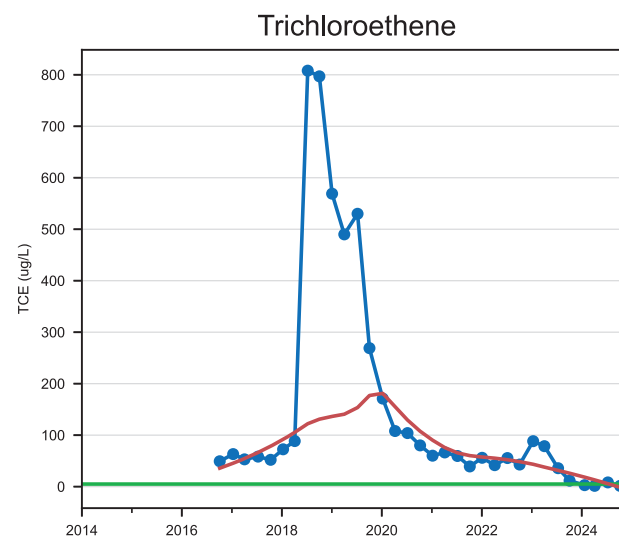
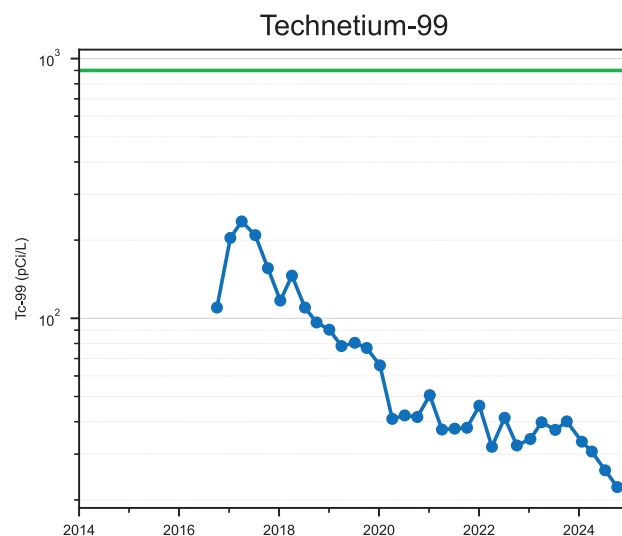
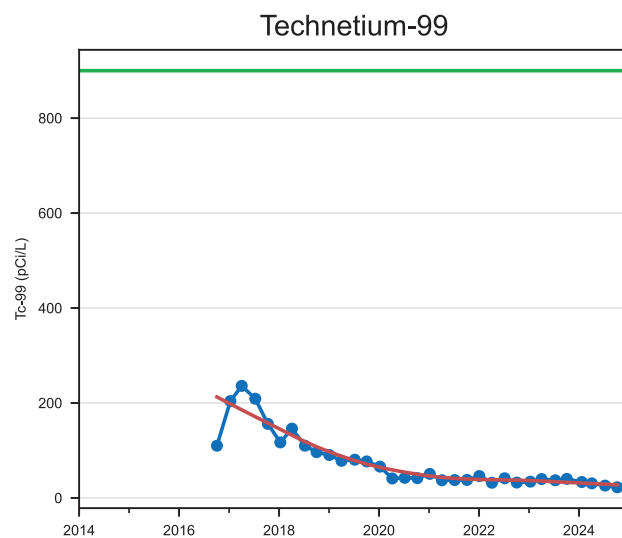
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Figure 239. Tc-99 and TCE at MW529 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
10/04/2016	110.0	49.3
01/10/2017	204.0	63.2
04/03/2017	236.0	53.0
07/11/2017	209.0	58.3
10/11/2017	156.0	52.1
01/10/2018	117.0	72.5
04/05/2018	146.0	88.5
07/09/2018	110.0	808.0
10/02/2018	96.4	797.0
01/03/2019	90.4	569.0
04/02/2019	78.2	490.0
07/08/2019	80.5	530.0
10/03/2019	76.9	269.0
01/08/2020	65.9	171.0
04/07/2020	41.0	108.0
07/07/2020	42.3	104.0
10/07/2020	41.7	80.1
01/06/2021	50.6	60.1
04/05/2021	37.3	66.4
07/07/2021	37.6	59.5
10/05/2021	37.9	39.2
01/03/2022	46.1	56.0
04/05/2022	32.0	41.7
07/07/2022	41.4	55.5
10/04/2022	32.4	42.9
01/11/2023	34.3	88.3
04/03/2023	39.8	78.6
07/12/2023	37.2	35.8
10/04/2023	40.1	11.6
01/22/2024	33.5	2.87
04/04/2024	30.7	1.52
07/10/2024	26.0	8.17
10/07/2024	22.4	1.48

Notes:

1. < indicates non-detect value below report detection limit.
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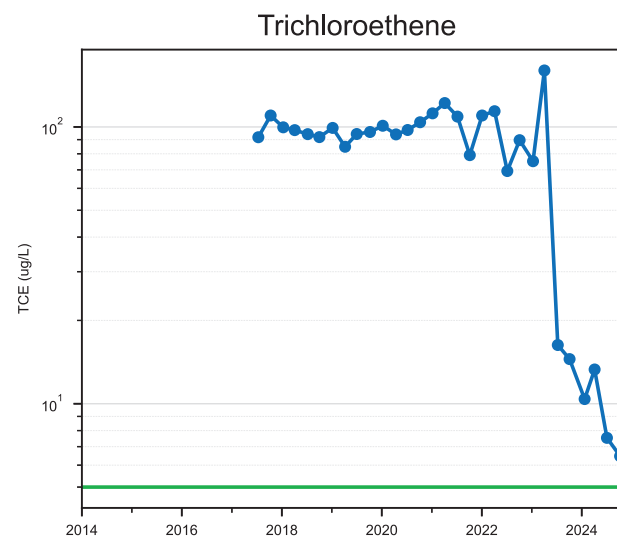
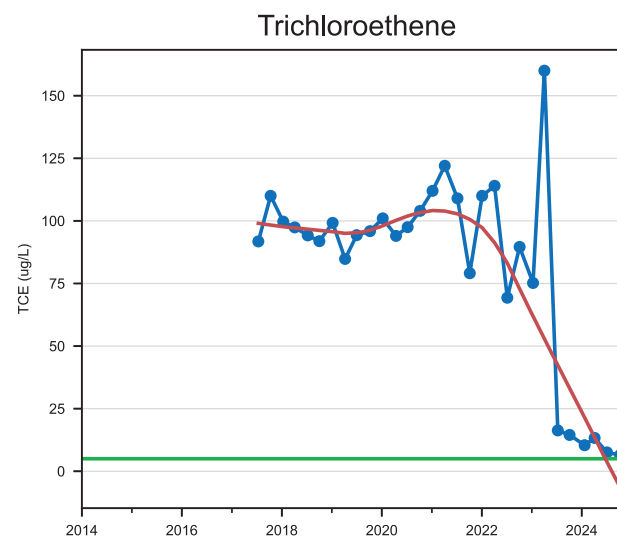
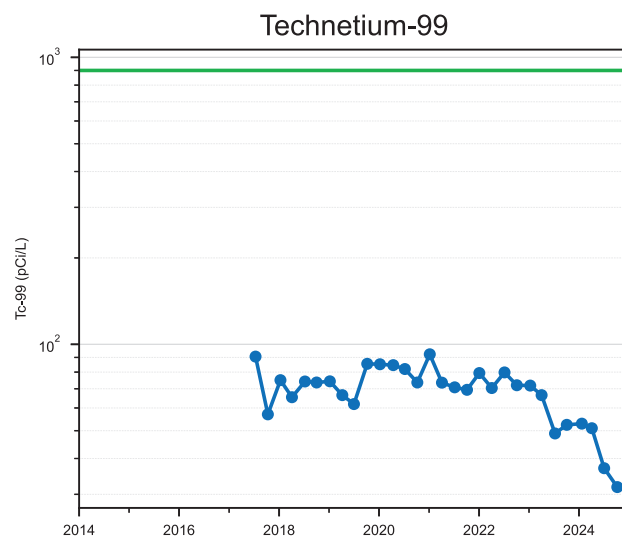
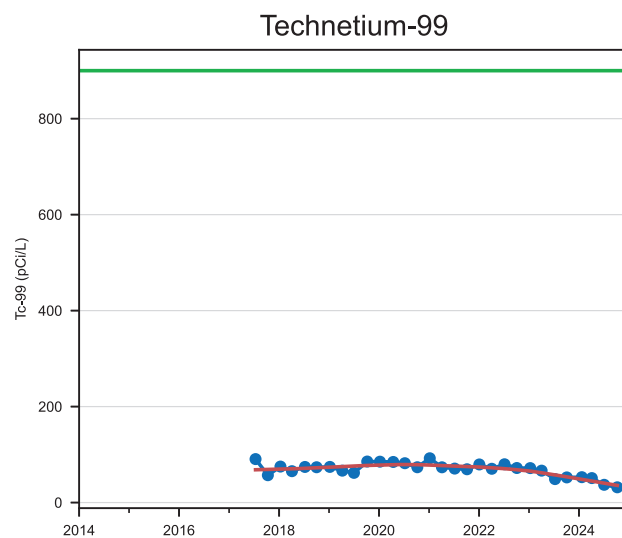
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Figure 240. Tc-99 and TCE at MW530 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
07/13/2017	90.6	91.8
10/11/2017	57.0	110.0
01/11/2018	75.0	99.7
04/05/2018	65.4	97.4
07/09/2018	74.2	94.2
10/02/2018	73.6	91.9
01/07/2019	74.3	99.2
04/08/2019	66.5	84.8
07/02/2019	61.9	94.3
10/07/2019	85.5	95.9
01/08/2020	85.2	101.0
04/14/2020	84.6	94.0
07/08/2020	82.0	97.5
10/07/2020	73.6	104.0
01/06/2021	92.3	112.0
04/05/2021	73.5	122.0
07/07/2021	70.8	109.0
10/05/2021	69.4	79.1
01/03/2022	79.4	110.0
04/04/2022	70.4	114.0
07/06/2022	79.8	69.3
10/04/2022	72.0	89.6
01/10/2023	71.8	75.2
04/03/2023	66.5	160.0
07/10/2023	48.9	16.3
10/04/2023	52.4	14.5
01/22/2024	52.9	10.4
04/04/2024	51.0	13.3
07/03/2024	37.0	7.53
10/07/2024	31.8	6.47

Notes:

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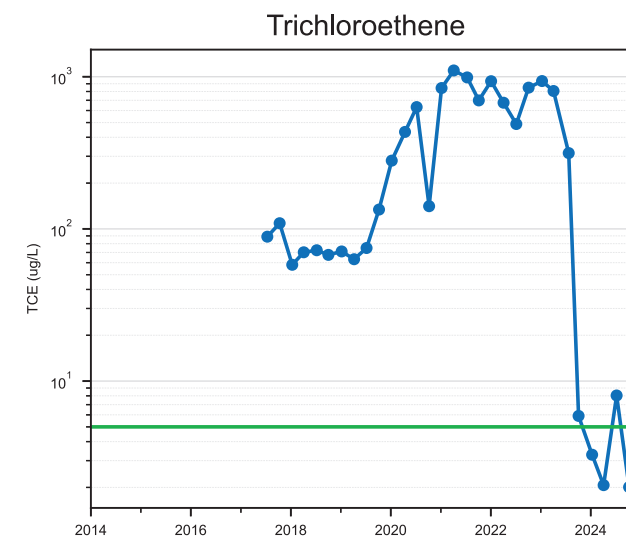
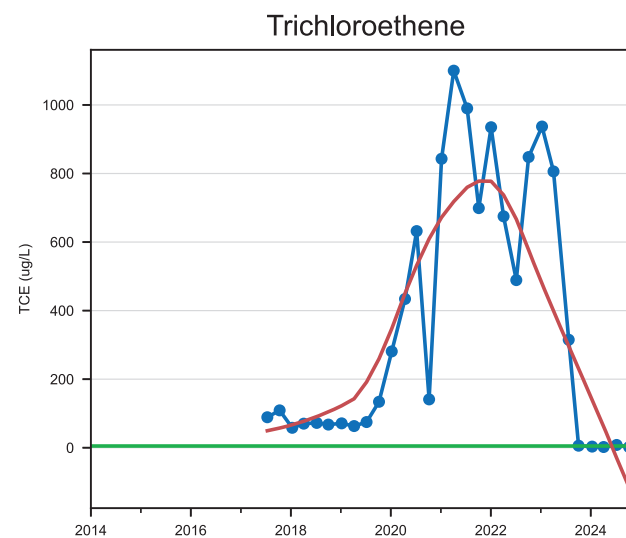
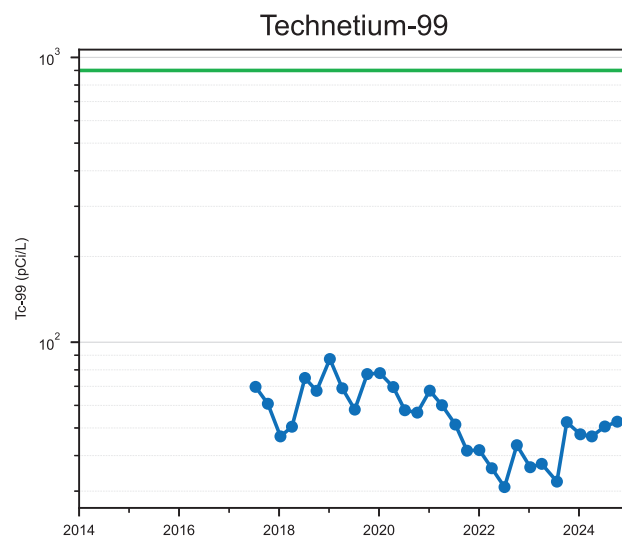
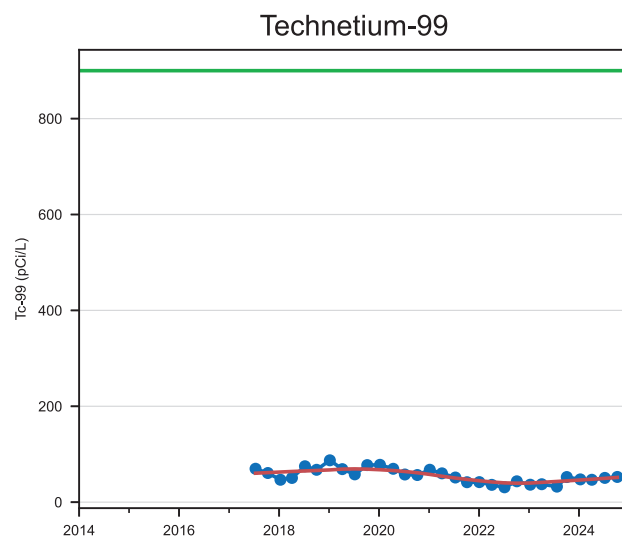
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Figure 241. Tc-99 and TCE at MW531 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
07/13/2017	69.7	88.9
10/11/2017	60.8	109.0
01/11/2018	46.7	58.1
04/05/2018	50.5	70.2
07/09/2018	74.9	72.4
10/02/2018	67.5	67.5
01/07/2019	87.3	71.1
04/08/2019	68.9	63.2
07/08/2019	58.0	74.9
10/07/2019	77.3	134.0
01/08/2020	77.9	281.0
04/14/2020	69.6	434.0
07/08/2020	57.7	632.0
10/07/2020	56.6	141.0
01/06/2021	67.6	843.0
04/05/2021	60.1	1100.0
07/12/2021	51.4	990.0
10/05/2021	41.6	699.0
01/03/2022	41.8	935.0
04/04/2022	36.1	675.0
07/06/2022	31.0	489.0
10/04/2022	43.5	848.0
01/10/2023	36.4	937.0
04/04/2023	37.4	806.0
07/24/2023	32.4	315.0
10/04/2023	52.4	5.9
01/11/2024	47.5	3.28
04/04/2024	46.7	2.07
07/08/2024	50.6	8.04
10/07/2024	52.6	2.01

Notes:

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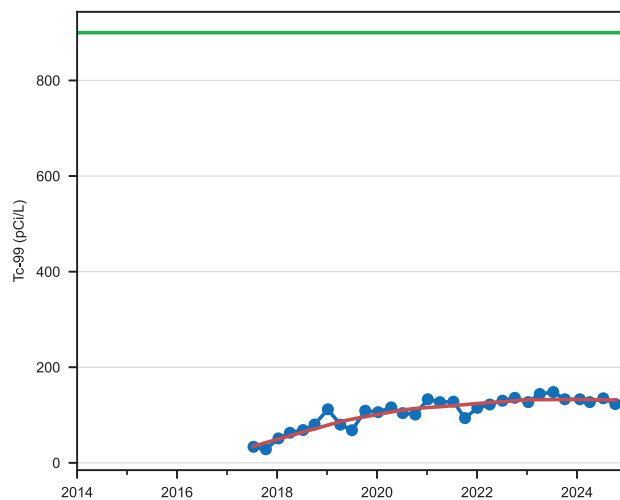
Figure 242. Tc-99 and TCE at MW533 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
07/13/2017	33.5	173.0
10/11/2017	28.3	199.0
01/11/2018	51.1	225.0
04/05/2018	63.0	195.0
07/10/2018	68.6	158.0
10/02/2018	80.2	153.0
01/07/2019	112.0	125.0
04/08/2019	79.8	164.0
07/02/2019	68.2	178.0
10/07/2019	109.0	131.0
01/09/2020	106.0	134.0
04/14/2020	116.0	121.0
07/07/2020	104.0	137.0
10/07/2020	101.0	118.0
01/06/2021	133.0	107.0
04/05/2021	127.0	91.7
07/12/2021	128.0	99.2
10/05/2021	93.5	86.8
01/03/2022	115.0	109.0
04/04/2022	122.0	56.0
07/06/2022	130.0	16.8
10/04/2022	136.0	22.1
01/10/2023	127.0	10.6
04/04/2023	144.0	8.14
07/12/2023	148.0	2.16
10/04/2023	133.0	6.85
01/22/2024	133.0	2.05
04/04/2024	127.0	1.54
07/11/2024	135.0	2.37
10/07/2024	123.0	1.55

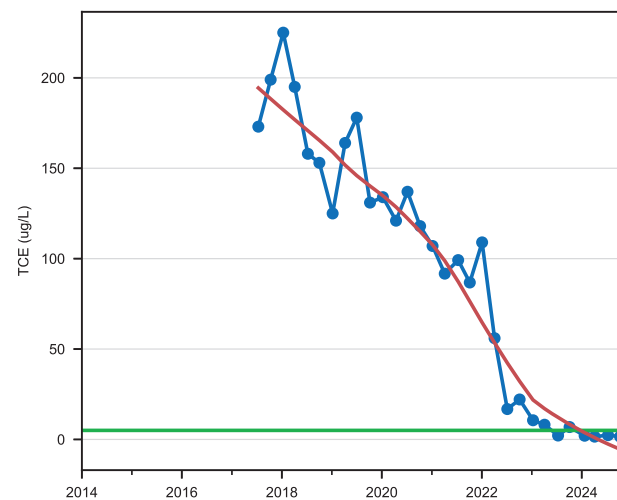
Notes:

1. < indicates non-detect value below report detection limit.
 2. LOWESS stands for Locally Weighted Scatterplot Smoothing.
- A fraction of 0.5 was used, which affects how many points are considered to be local for each point.

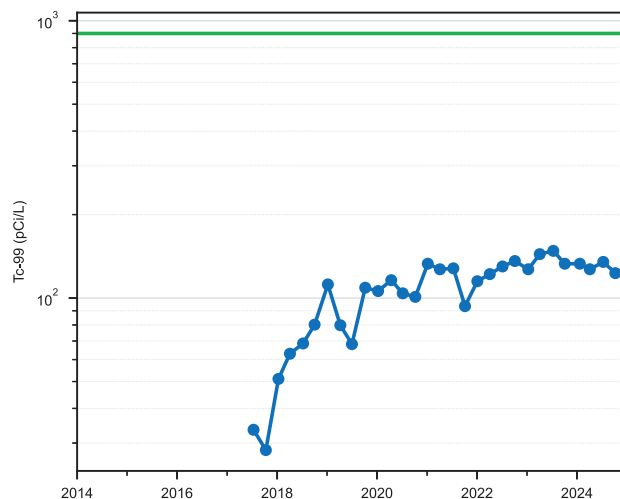
Technetium-99



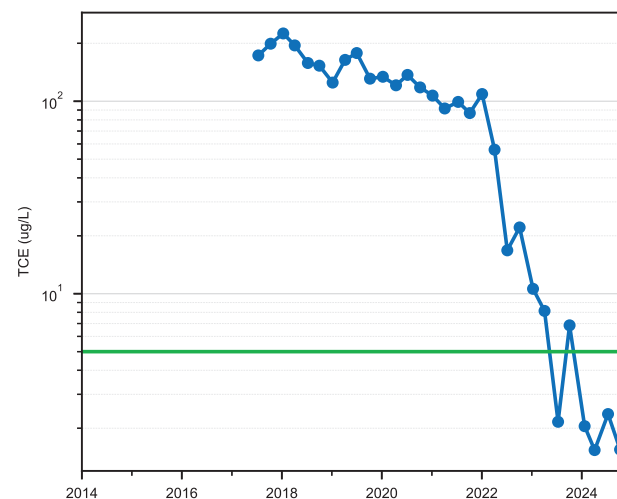
Trichloroethene



Technetium-99



Trichloroethene



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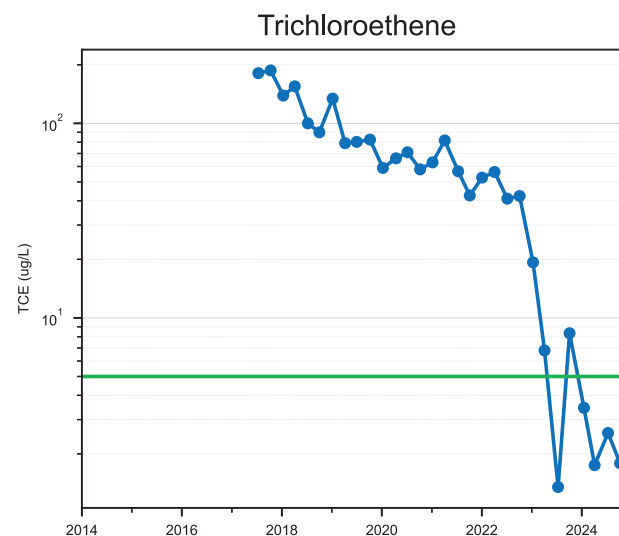
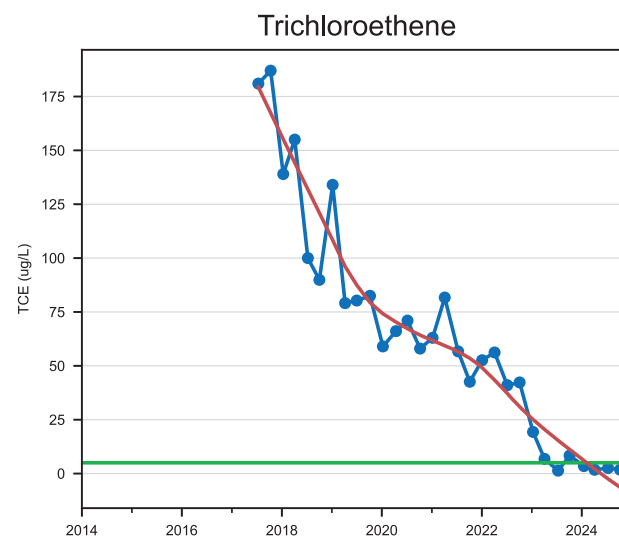
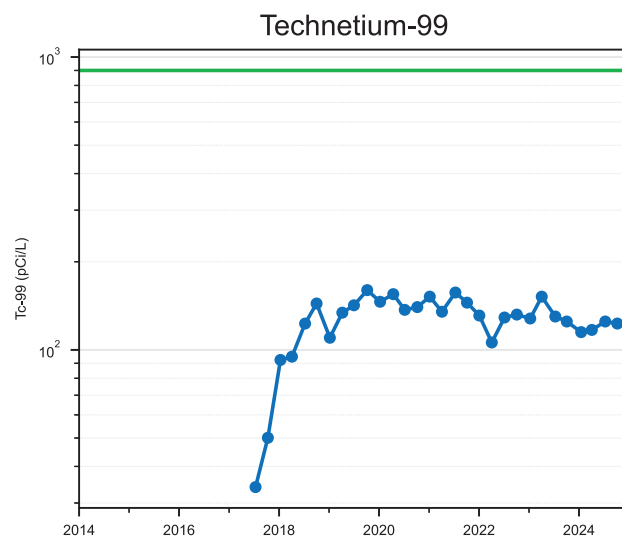
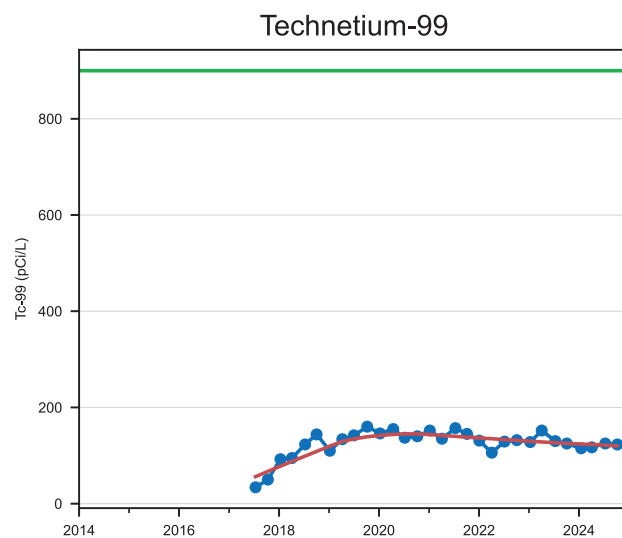

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Figure 243. Tc-99 and TCE at MW536 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
07/13/2017	34.0	181.0
10/11/2017	50.1	187.0
01/11/2018	92.4	139.0
04/05/2018	94.8	155.0
07/10/2018	123.0	100.0
10/02/2018	144.0	89.9
01/07/2019	110.0	134.0
04/08/2019	134.0	79.1
07/02/2019	142.0	80.3
10/07/2019	160.0	82.5
01/09/2020	146.0	59.0
04/14/2020	155.0	66.1
07/07/2020	137.0	71.0
10/07/2020	140.0	58.0
01/06/2021	152.0	63.0
04/05/2021	135.0	81.7
07/12/2021	157.0	56.7
10/05/2021	145.0	42.6
01/03/2022	131.0	52.6
04/04/2022	106.0	56.2
07/06/2022	129.0	41.0
10/04/2022	132.0	42.3
01/10/2023	128.0	19.3
04/04/2023	152.0	6.8
07/12/2023	130.0	1.35
10/04/2023	125.0	8.34
01/17/2024	115.0	3.45
04/04/2024	117.0	1.75
07/11/2024	125.0	2.56
10/07/2024	123.0	1.79

Notes:

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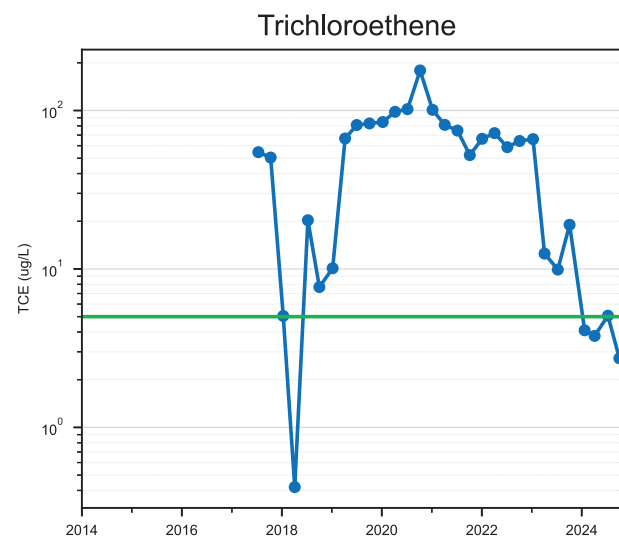
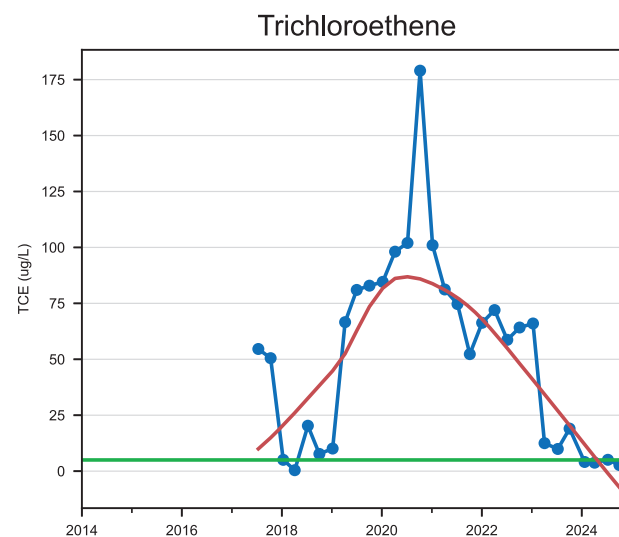
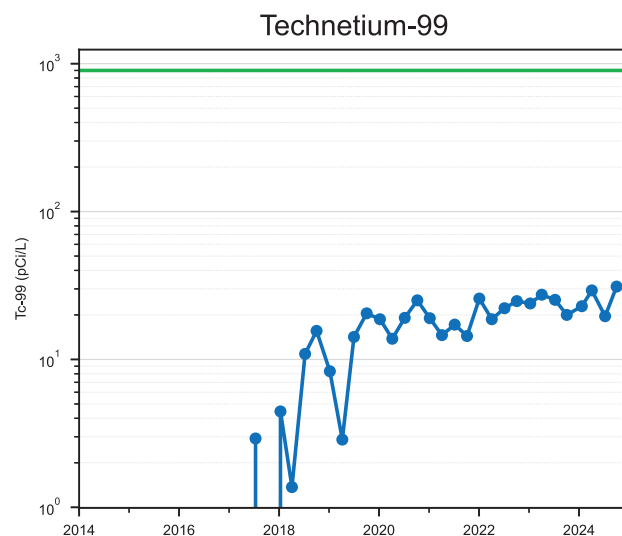
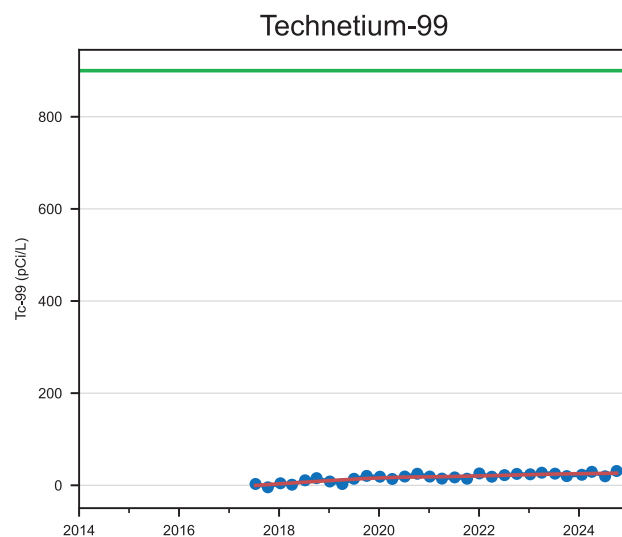

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Figure 244. Tc-99 and TCE at MW537 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
07/13/2017	< 2.92	54.6
10/11/2017	< 4.28	50.5
01/11/2018	< 4.45	5.05
04/05/2018	< 1.37	0.42
07/10/2018	< 10.9	20.3
10/02/2018	15.6	7.69
01/07/2019	< 8.32	10.1
04/08/2019	< 2.87	66.6
07/02/2019	14.2	81.0
10/03/2019	20.5	82.9
01/08/2020	18.7	84.6
04/07/2020	13.8	98.1
07/07/2020	19.1	102.0
10/07/2020	25.1	179.0
01/06/2021	19.0	101.0
04/05/2021	14.6	81.2
07/07/2021	17.2	74.7
10/05/2021	14.4	52.3
01/03/2022	25.8	66.3
04/04/2022	18.7	72.0
07/06/2022	22.2	58.7
10/04/2022	24.8	64.2
01/10/2023	23.9	66.0
04/04/2023	27.4	12.5
07/10/2023	25.3	9.91
10/04/2023	20.0	19.0
01/22/2024	22.9	4.1
04/04/2024	29.3	3.78
07/10/2024	19.6	5.07
10/02/2024	31.1	2.73

Notes:

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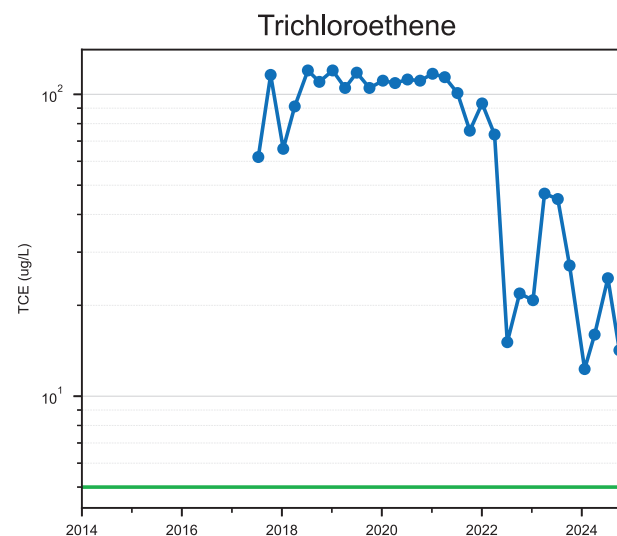
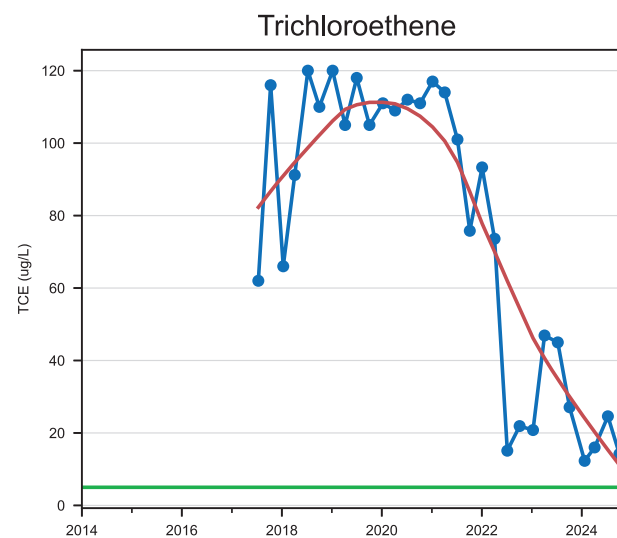
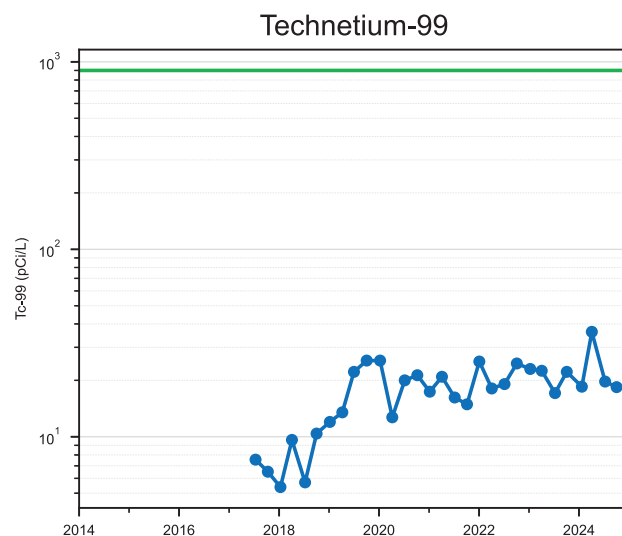
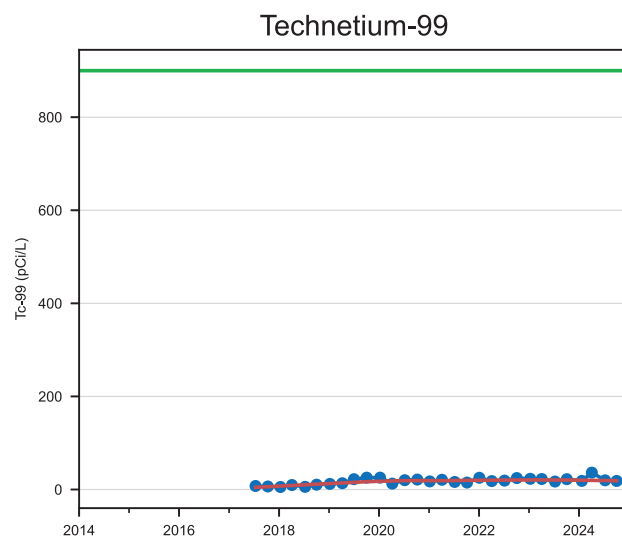
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Figure 245. Tc-99 and TCE at MW538 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
07/13/2017	< 7.55	62.0
10/11/2017	< 6.51	116.0
01/11/2018	< 5.39	66.0
04/05/2018	9.62	91.2
07/10/2018	< 5.71	120.0
10/02/2018	10.4	110.0
01/07/2019	12.0	120.0
04/08/2019	13.5	105.0
07/02/2019	22.2	118.0
10/03/2019	25.5	105.0
01/09/2020	25.5	111.0
04/07/2020	< 12.7	109.0
07/07/2020	20.0	112.0
10/07/2020	21.3	111.0
01/06/2021	17.4	117.0
04/05/2021	20.9	114.0
07/07/2021	16.2	101.0
10/05/2021	14.9	75.8
01/03/2022	25.2	93.3
04/04/2022	18.1	73.6
07/06/2022	19.1	15.1
10/04/2022	24.6	21.9
01/10/2023	23.0	20.8
04/04/2023	22.5	46.9
07/10/2023	17.1	45.0
10/04/2023	22.2	27.1
01/22/2024	18.5	12.3
04/04/2024	36.3	16.0
07/10/2024	19.7	24.6
10/02/2024	18.4	14.2

Notes:

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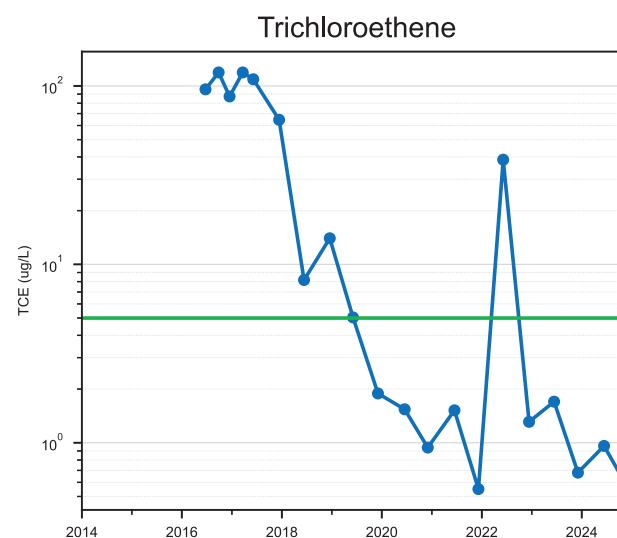
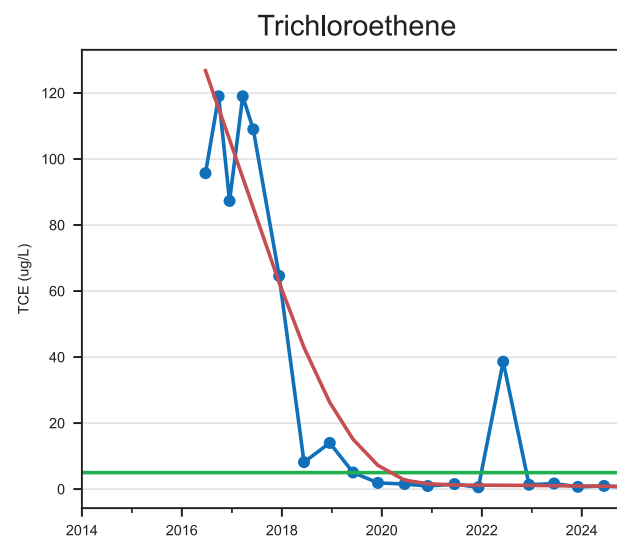
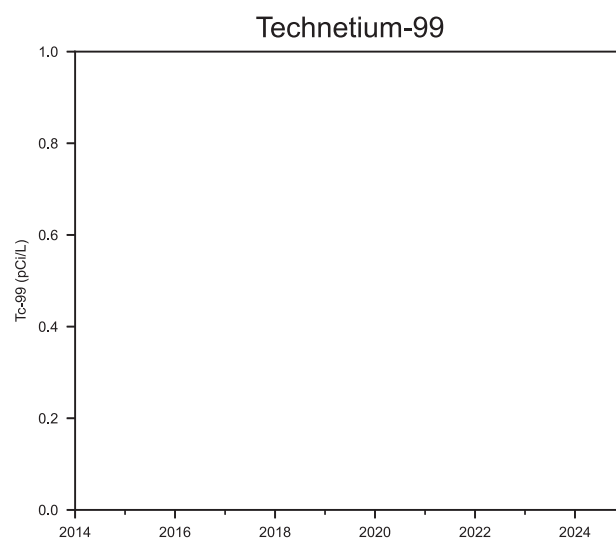
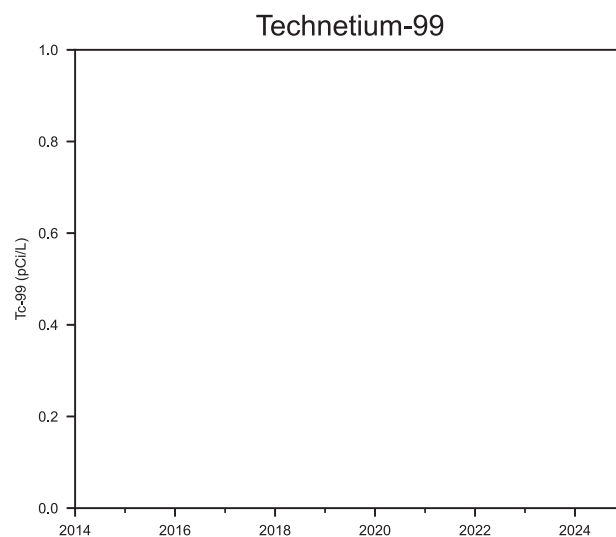
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Figure 246. Tc-99 and TCE at MW539 (LRGA)

	Trichloroethene (ug/L)
06/22/2016	95.7
09/26/2016	119.0
12/15/2016	87.3
03/21/2017	119.0
06/06/2017	109.0
12/12/2017	64.6
06/12/2018	8.17
12/17/2018	14.0
06/05/2019	5.04
12/04/2019	1.89
06/16/2020	1.54
12/02/2020	0.94
06/15/2021	1.52
12/07/2021	0.55
06/06/2022	38.6
12/12/2022	1.31
06/13/2023	1.7
12/04/2023	0.68
06/12/2024	0.96
12/02/2024	0.56

Notes:

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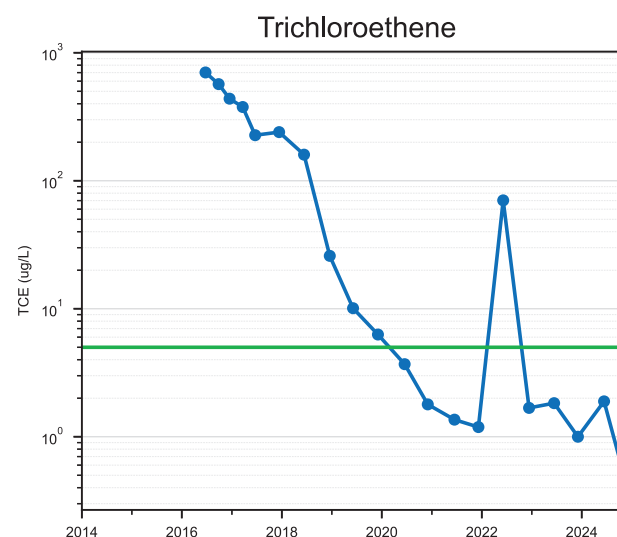
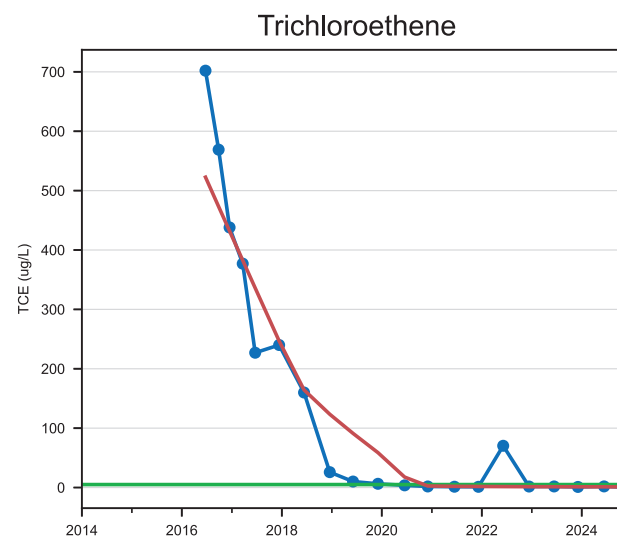
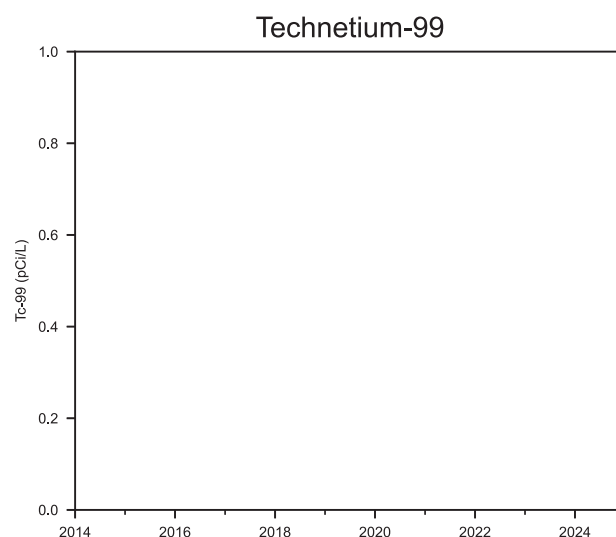
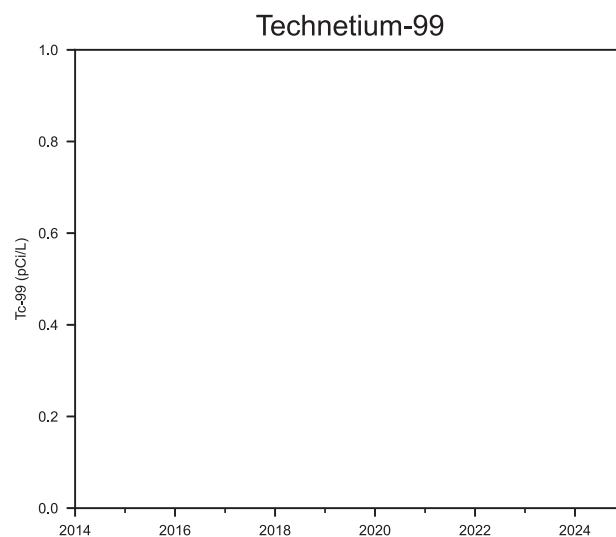
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Figure 247. Tc-99 and TCE at MW542 (URGA)

Trichloroethene (ug/L)	
06/22/2016	702.0
09/26/2016	569.0
12/15/2016	438.0
03/21/2017	377.0
06/20/2017	227.0
12/12/2017	240.0
06/12/2018	160.0
12/17/2018	25.9
06/05/2019	10.1
12/04/2019	6.29
06/16/2020	3.69
12/02/2020	1.79
06/15/2021	1.36
12/07/2021	1.19
06/06/2022	70.3
12/12/2022	1.68
06/13/2023	1.83
12/04/2023	< 1.0
06/12/2024	1.89
12/02/2024	0.39

Notes:

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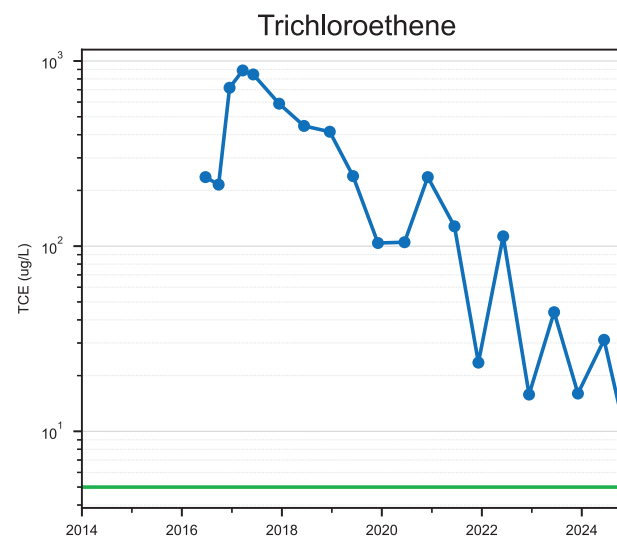
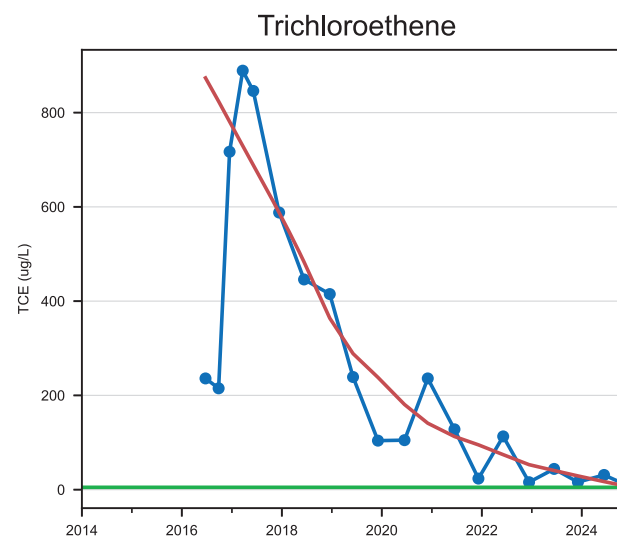
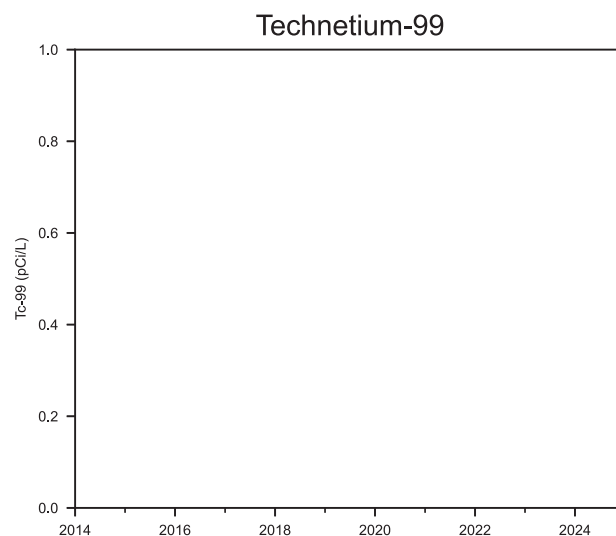
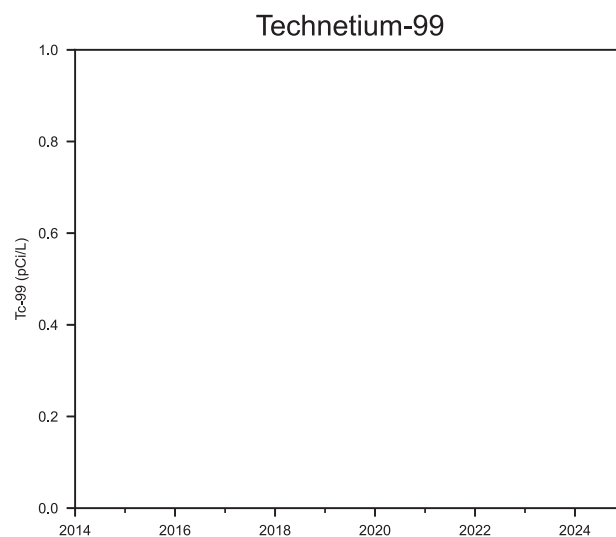
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Figure 248. Tc-99 and TCE at MW543 (URGA)

	Trichloroethene (ug/L)
06/22/2016	236.0
09/26/2016	215.0
12/15/2016	717.0
03/21/2017	889.0
06/06/2017	846.0
12/12/2017	588.0
06/12/2018	446.0
12/17/2018	415.0
06/05/2019	239.0
12/04/2019	104.0
06/15/2020	105.0
12/02/2020	236.0
06/15/2021	128.0
12/07/2021	23.5
06/06/2022	113.0
12/12/2022	15.8
06/13/2023	44.0
12/04/2023	16.0
06/12/2024	31.2
12/02/2024	8.52

Notes:

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● Data
 — LOWESS
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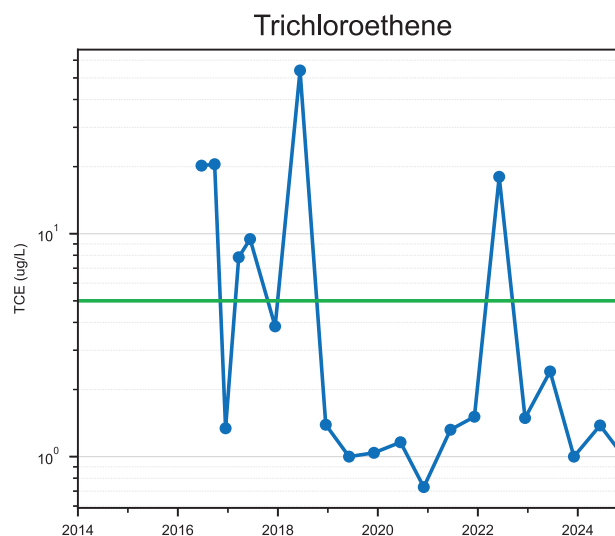
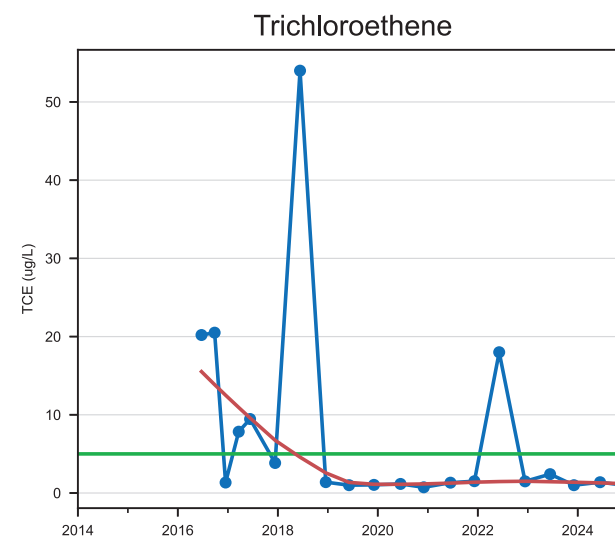
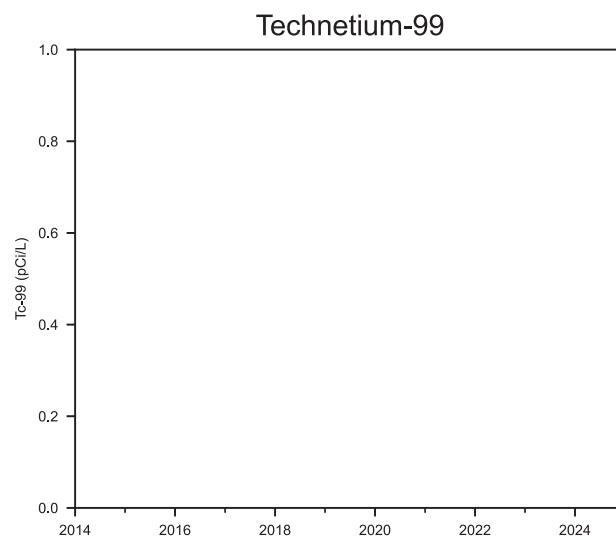
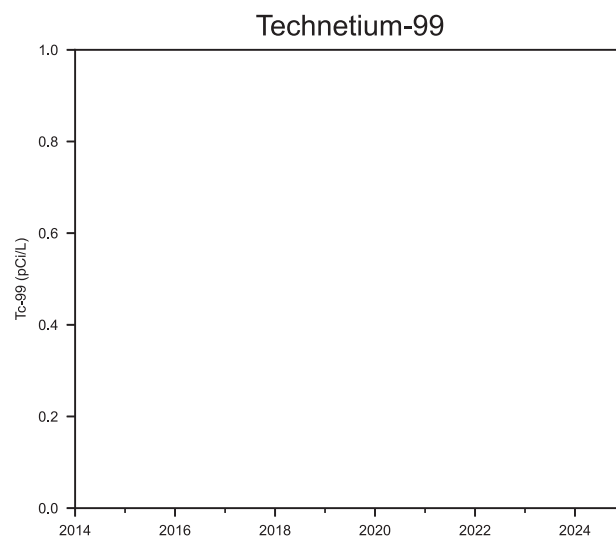
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Figure 249. Tc-99 and TCE at MW544 (URGA)

	Trichloroethene (ug/L)
06/22/2016	20.2
09/26/2016	20.5
12/15/2016	1.34
03/21/2017	7.84
06/12/2017	9.46
12/12/2017	3.84
06/12/2018	54.0
12/17/2018	1.39
06/05/2019	< 1.0
12/04/2019	1.04
06/15/2020	1.16
12/02/2020	0.73
06/15/2021	1.32
12/07/2021	1.51
06/06/2022	18.0
12/12/2022	1.49
06/13/2023	2.41
12/04/2023	< 1.0
06/12/2024	1.38
12/02/2024	< 1.0

Notes:

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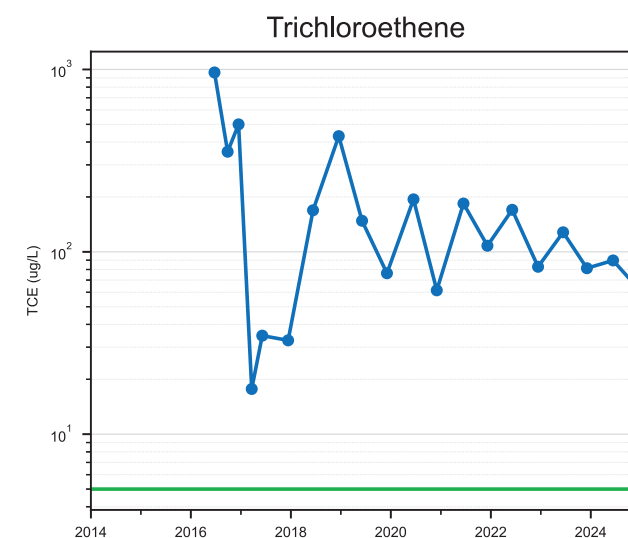
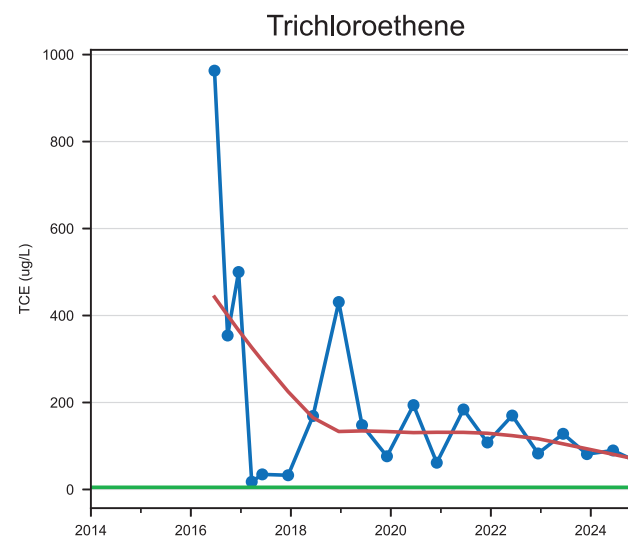
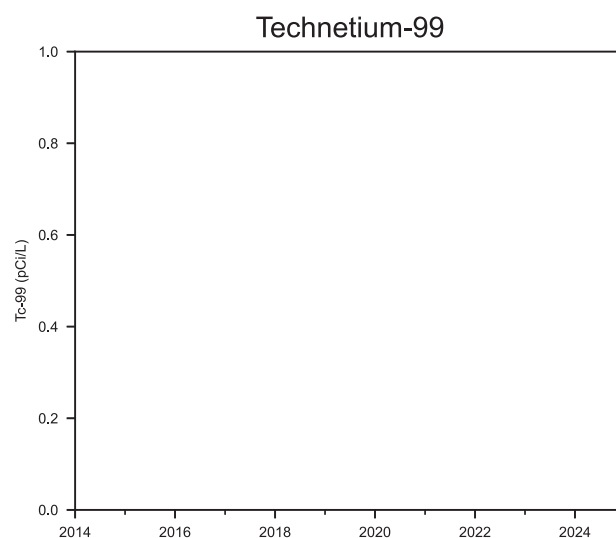
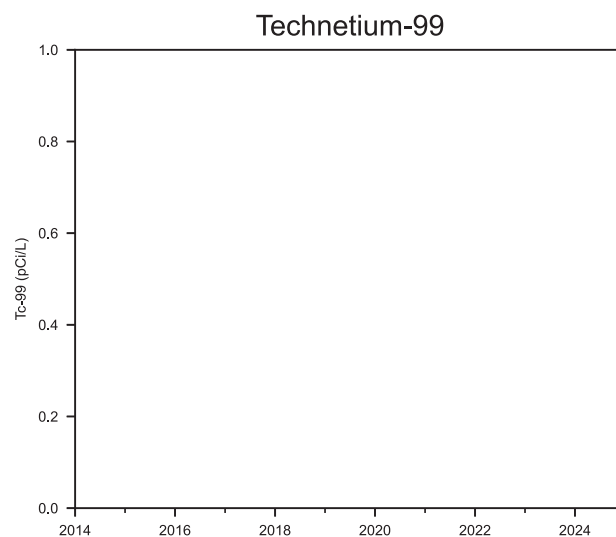
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Figure 250. Tc-99 and TCE at MW545 (URGA)

	Trichloroethene (ug/L)
06/22/2016	963.0
09/26/2016	354.0
12/15/2016	500.0
03/21/2017	17.7
06/06/2017	34.7
12/12/2017	32.7
06/12/2018	169.0
12/17/2018	431.0
06/05/2019	148.0
12/04/2019	76.3
06/15/2020	194.0
12/02/2020	61.5
06/15/2021	184.0
12/07/2021	108.0
06/06/2022	170.0
12/12/2022	82.8
06/13/2023	128.0
12/04/2023	81.3
06/12/2024	89.7
12/02/2024	64.2

Notes:

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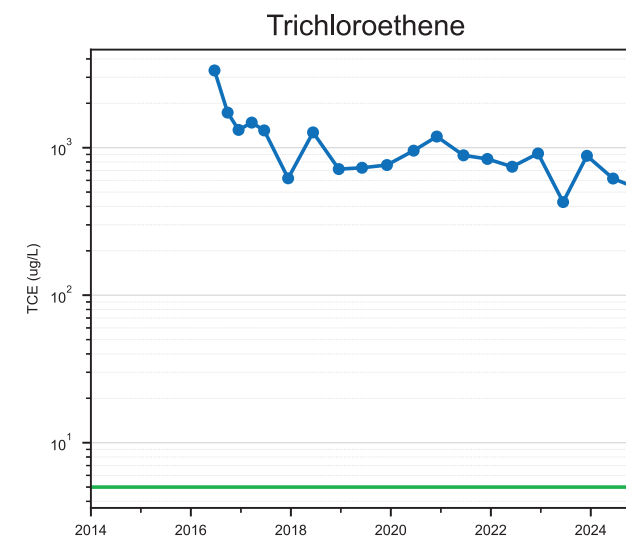
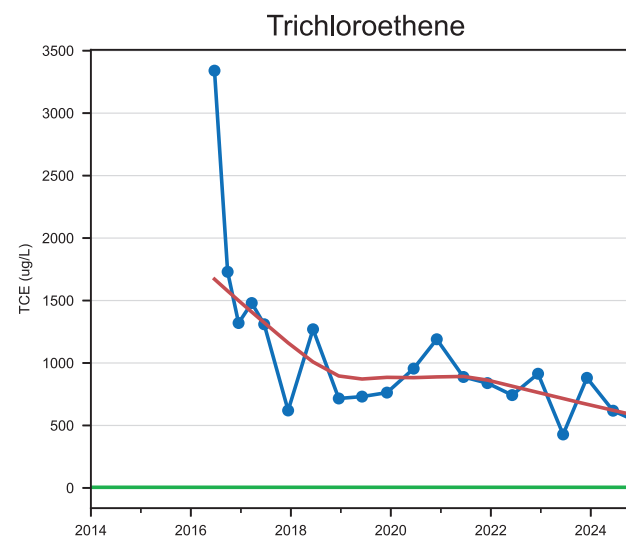
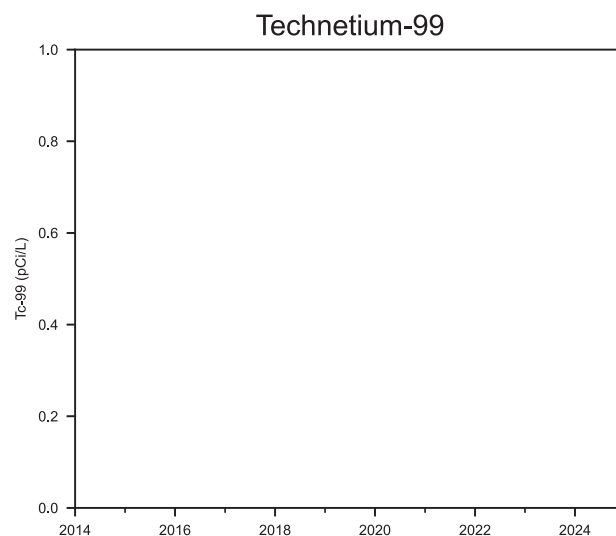
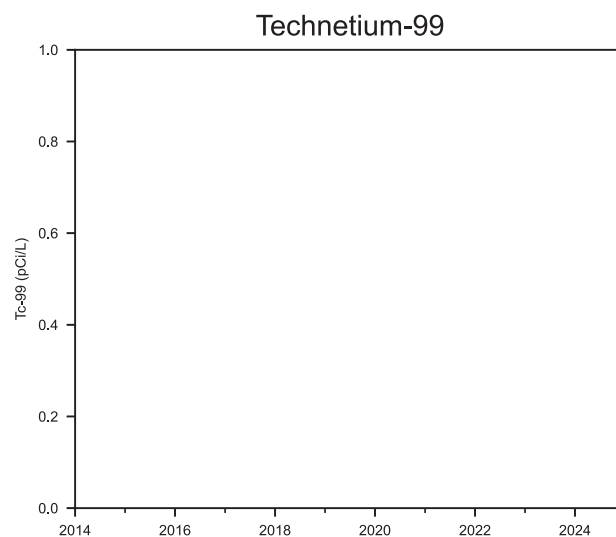
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Figure 251. Tc-99 and TCE at MW546 (URGA)

	Trichloroethene (ug/L)
06/22/2016	3340.0
09/26/2016	1730.0
12/15/2016	1320.0
03/21/2017	1480.0
06/20/2017	1310.0
12/12/2017	620.0
06/12/2018	1270.0
12/17/2018	716.0
06/05/2019	731.0
12/04/2019	763.0
06/16/2020	955.0
12/02/2020	1190.0
06/15/2021	888.0
12/07/2021	839.0
06/06/2022	743.0
12/12/2022	914.0
06/13/2023	428.0
12/04/2023	881.0
06/12/2024	618.0
12/02/2024	533.0

Notes:

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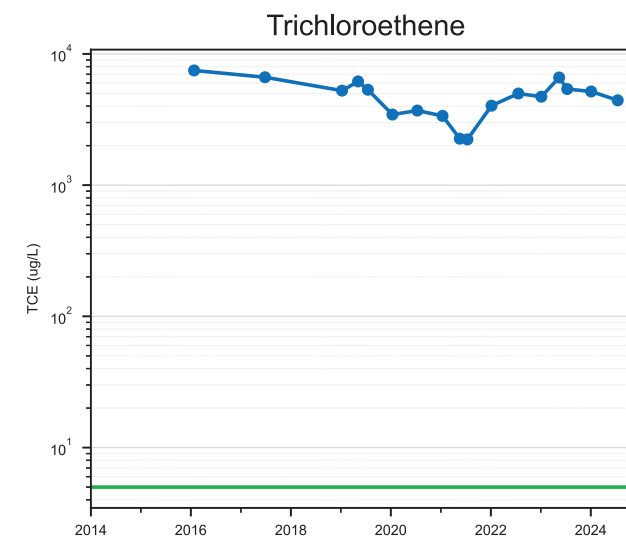
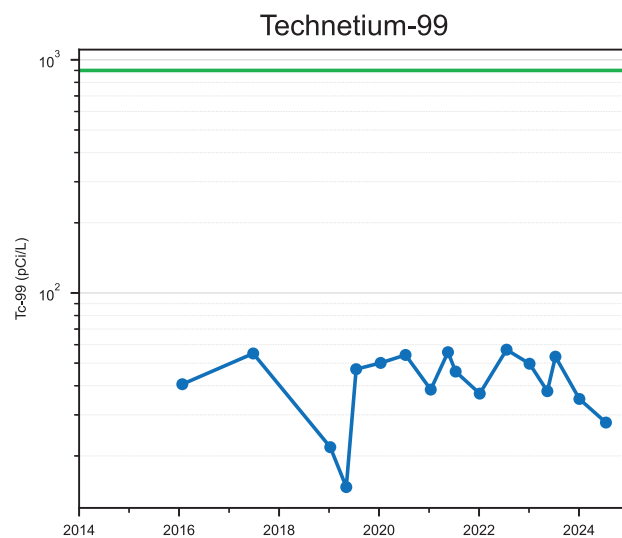
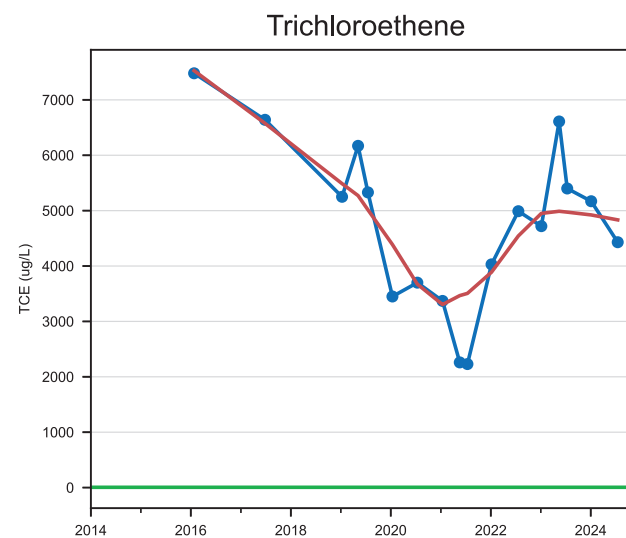
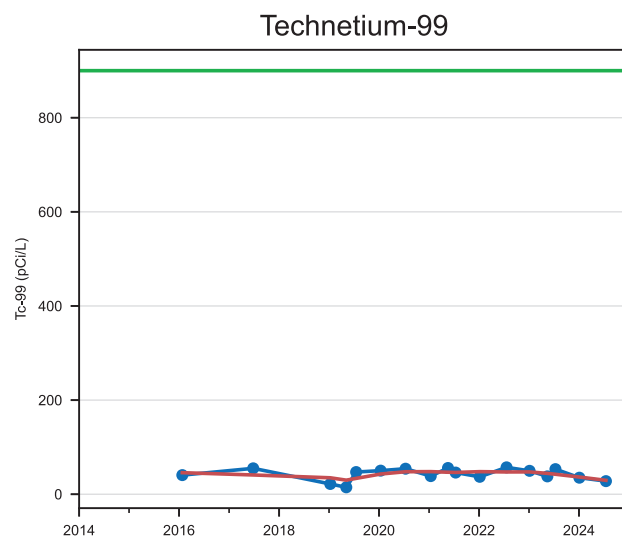
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Figure 252. Tc-99 and TCE at MW547 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/25/2016	40.6	7480.0
06/26/2017	55.0	6640.0
01/10/2019	< 21.8	5250.0
05/07/2019	< 14.7	6170.0
07/18/2019	47.1	5330.0
01/13/2020	50.1	3450.0
07/13/2020	54.2	3700.0
01/13/2021	38.5	3370.0
05/19/2021	55.7	2260.0
07/14/2021	46.0	2230.0
01/06/2022	37.0	4030.0
07/21/2022	57.1	4990.0
01/05/2023	49.7	4720.0
05/15/2023	37.9	6610.0
07/13/2023	53.3	5400.0
01/04/2024	35.1	5170.0
07/16/2024	27.8	4430.0

Notes:

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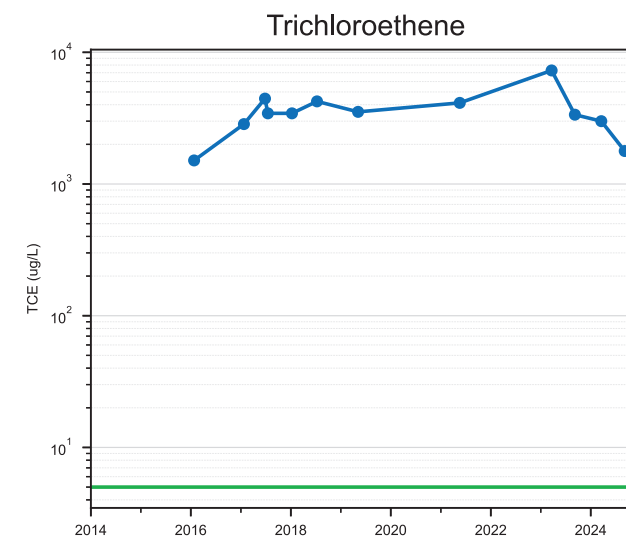
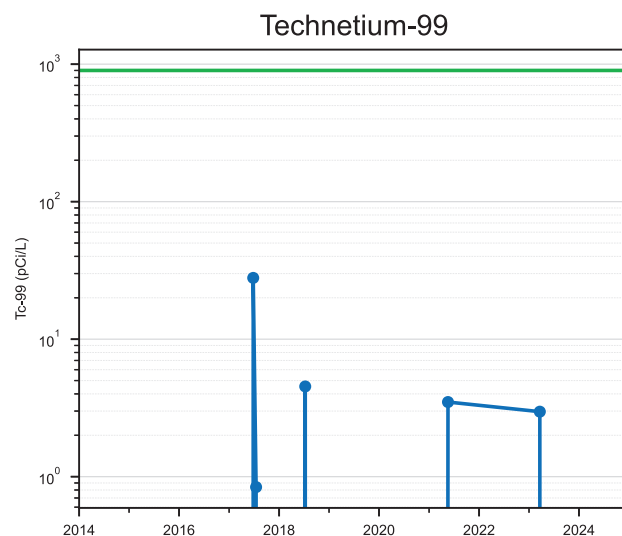
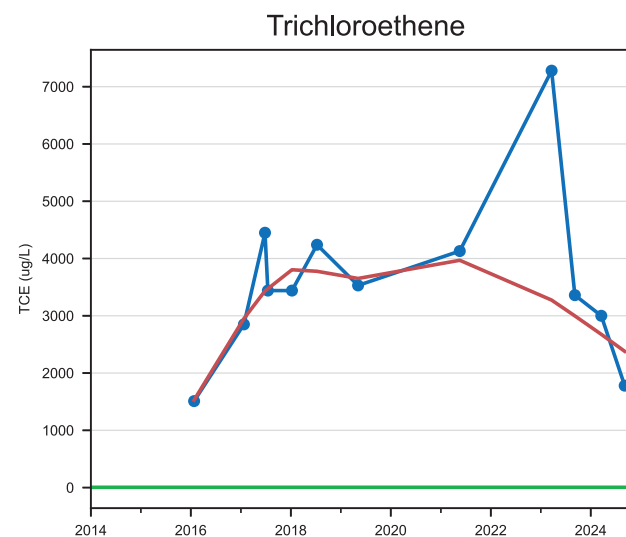
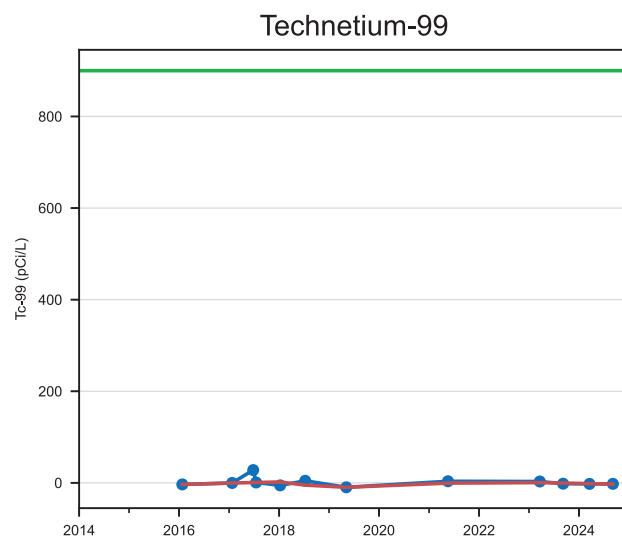
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Figure 253. Tc-99 and TCE at MW548 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/25/2016	< -3.39	1510.0
01/23/2017	< -0.228	2850.0
06/26/2017	27.9	4450.0
07/17/2017	< 0.84	3440.0
01/09/2018	< -5.48	3440.0
07/11/2018	< 4.53	4240.0
05/07/2019	< -9.69	3530.0
05/19/2021	< 3.49	4130.0
03/21/2023	< 2.97	7280.0
09/07/2023	< -1.82	3360.0
03/18/2024	< -2.27	3000.0
09/05/2024	< -2.17	1780.0

Notes:

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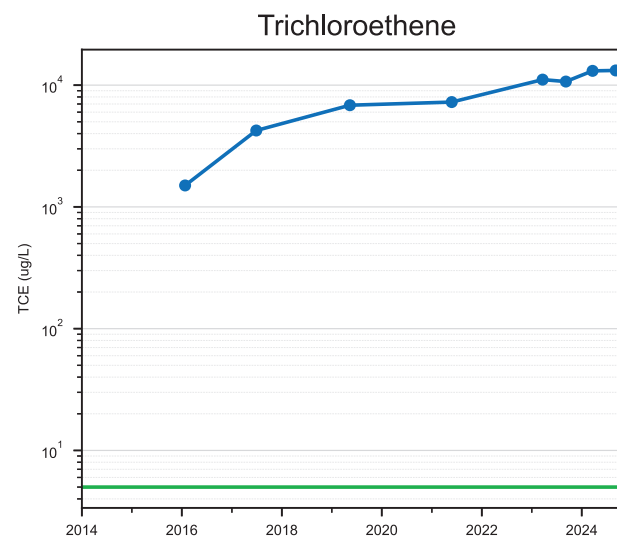
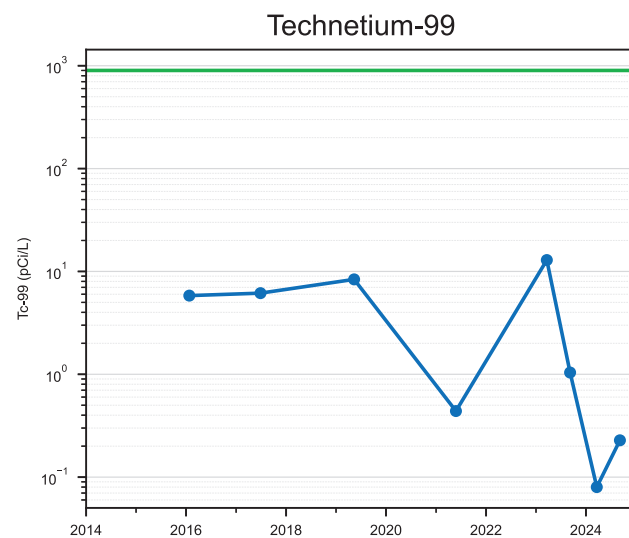
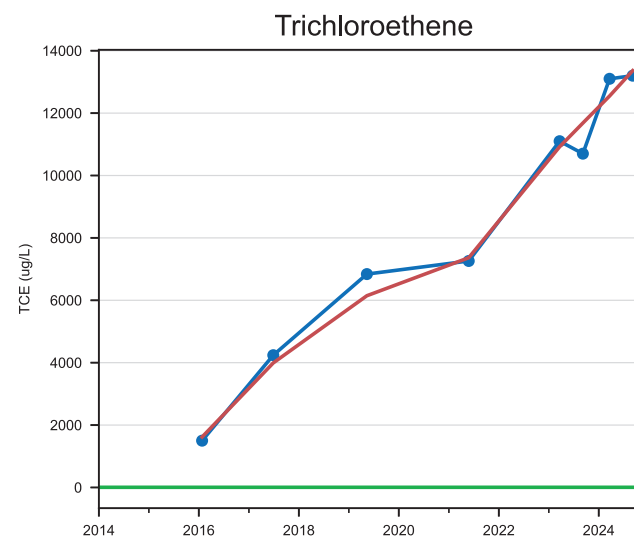
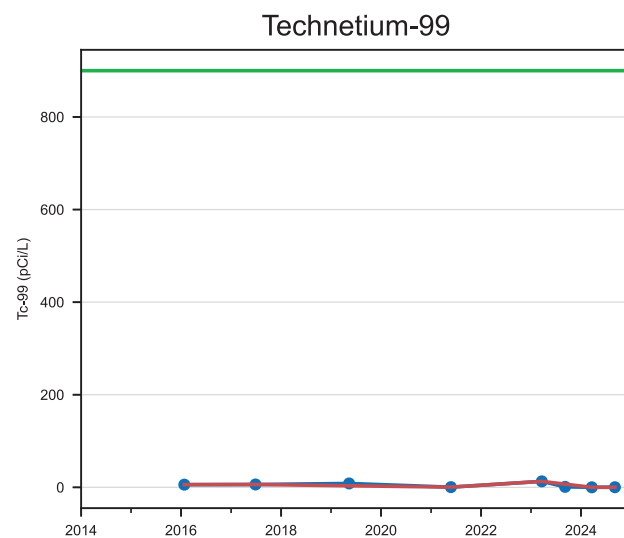
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Figure 254. Tc-99 and TCE at MW549 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/25/2016	< 5,82	1500,0
06/28/2017	< 6,15	4240,0
05/13/2019	< 8,37	6840,0
05/26/2021	< 0,439	7260,0
03/21/2023	< 12,9	11100,0
09/07/2023	< 1,04	10700,0
03/20/2024	< 0,08	13100,0
09/05/2024	< 0,228	13200,0

Notes:

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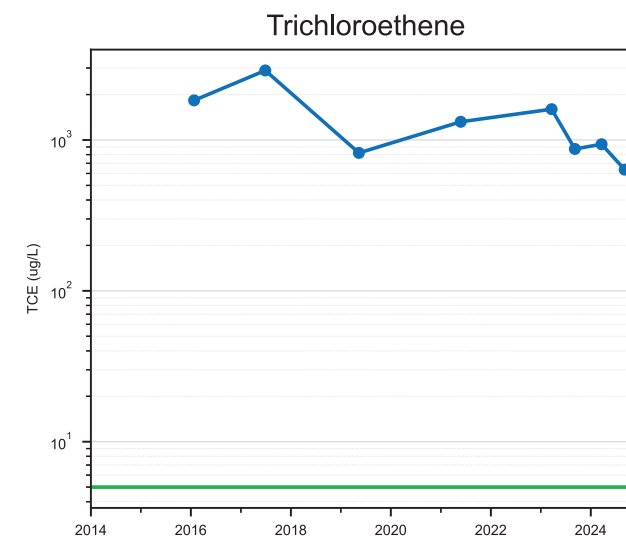
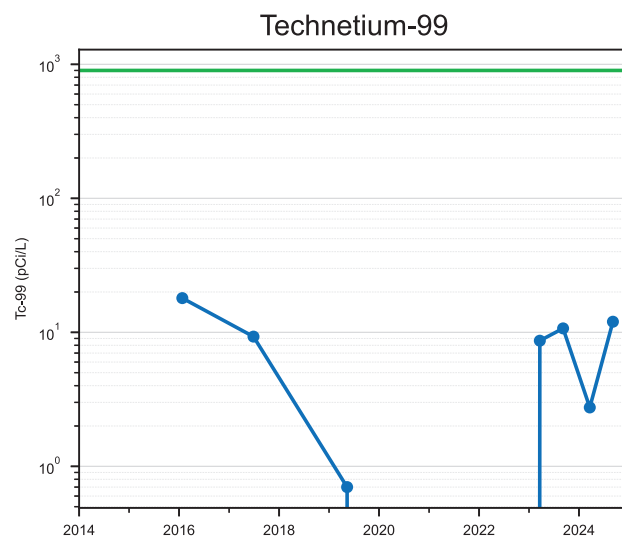
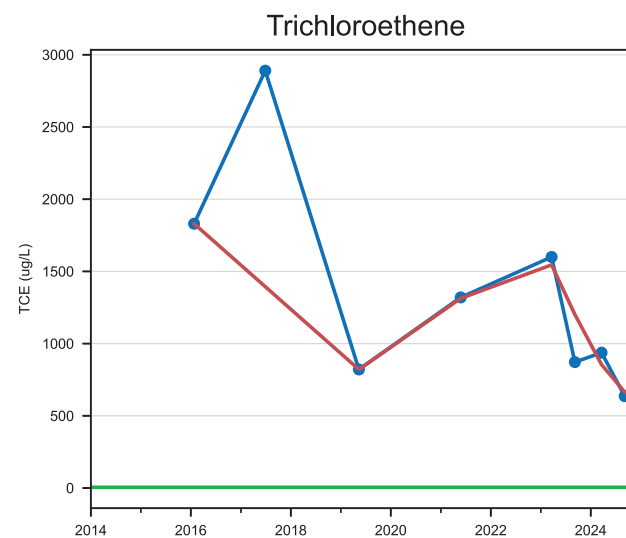
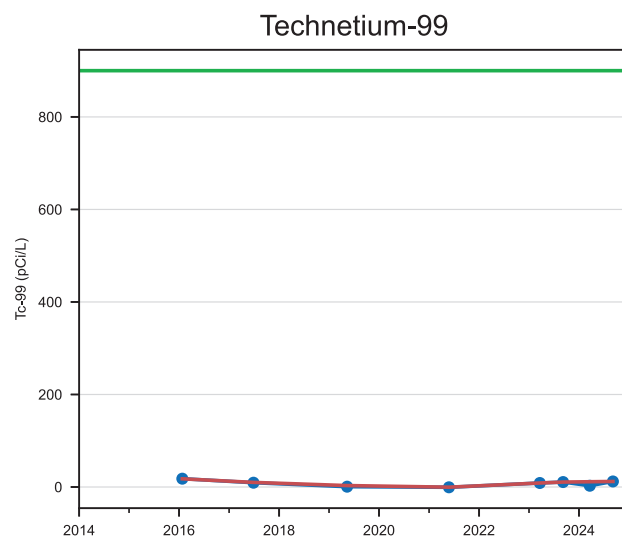
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Figure 255. Tc-99 and TCE at MW550 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/25/2016	< 18.0	1830.0
06/28/2017	< 9.29	2890.0
05/13/2019	< 0.7	821.0
05/26/2021	< -0.634	1320.0
03/21/2023	< 8.66	1600.0
09/07/2023	< 10.7	872.0
03/20/2024	< 2.75	937.0
09/05/2024	< 12.0	636.0

Notes:

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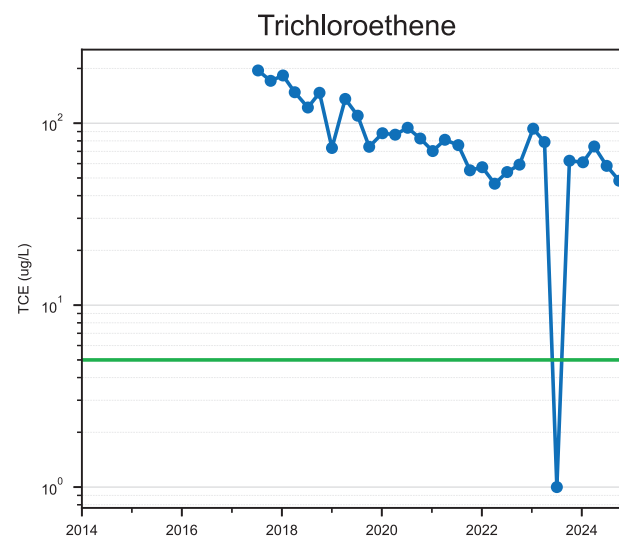
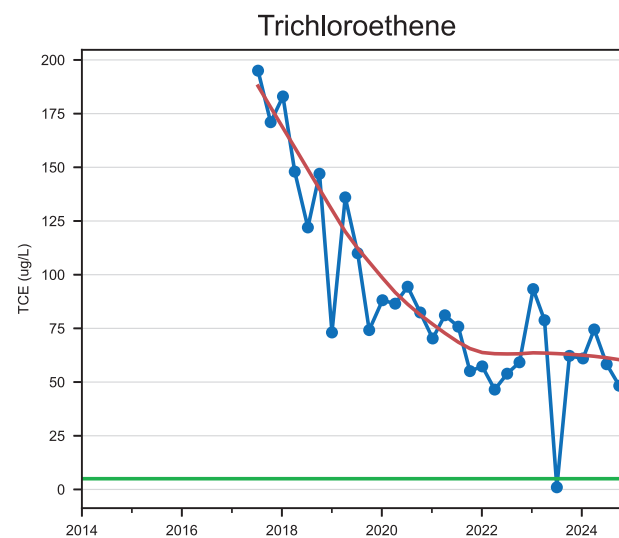
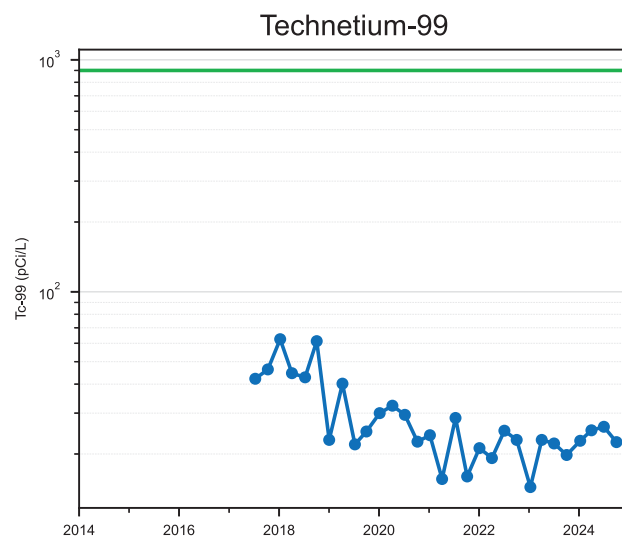
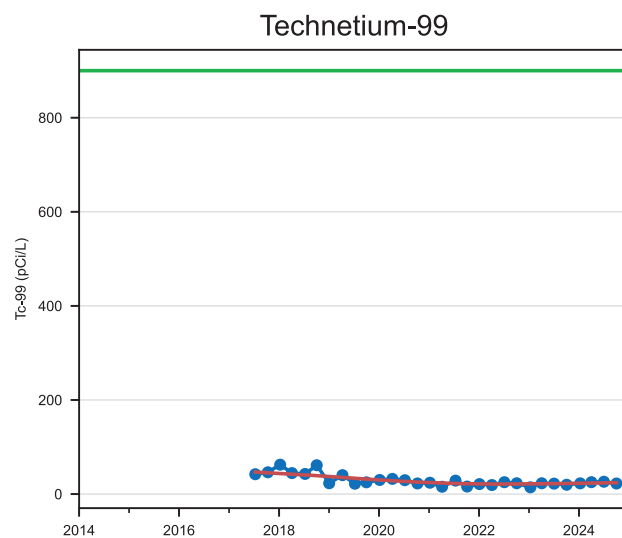
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Figure 256. Tc-99 and TCE at MW551 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
07/11/2017	42.2	195.0
10/11/2017	46.3	171.0
01/09/2018	62.5	183.0
04/05/2018	44.6	148.0
07/10/2018	42.8	122.0
10/03/2018	61.3	147.0
01/02/2019	23.0	73.1
04/09/2019	40.2	136.0
07/09/2019	22.0	110.0
10/01/2019	25.0	74.2
01/06/2020	30.0	88.1
04/08/2020	32.3	86.5
07/08/2020	29.5	94.4
10/08/2020	22.6	82.4
01/07/2021	24.1	70.3
04/06/2021	15.6	81.1
07/13/2021	28.6	75.8
10/06/2021	16.0	55.1
01/04/2022	21.2	57.3
04/05/2022	19.2	46.5
07/05/2022	25.2	53.9
10/03/2022	23.0	59.2
01/11/2023	14.4	93.3
04/04/2023	23.0	78.8
07/03/2023	22.2	< 1.0
10/03/2023	19.8	62.2
01/10/2024	22.8	61.0
04/01/2024	25.3	74.5
07/01/2024	26.2	58.3
10/01/2024	22.5	48.3

Notes:

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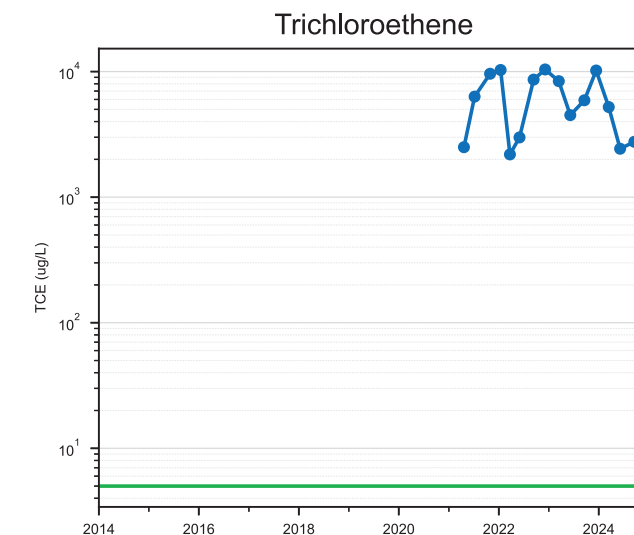
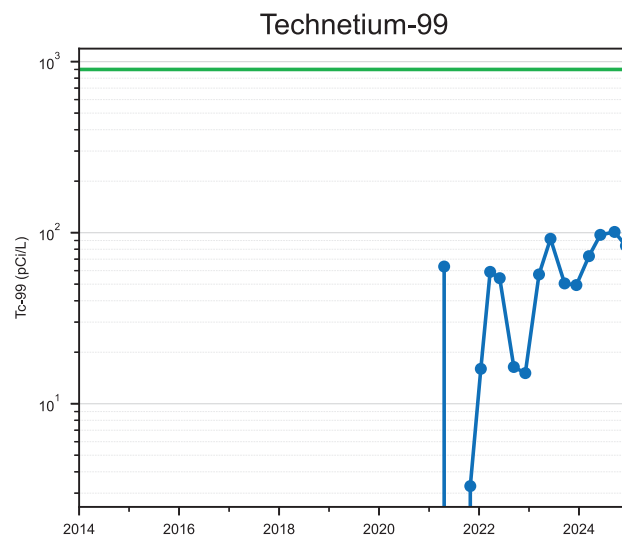
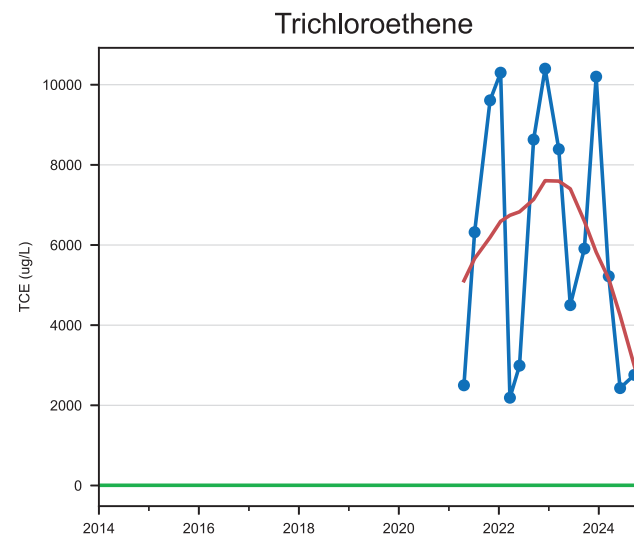
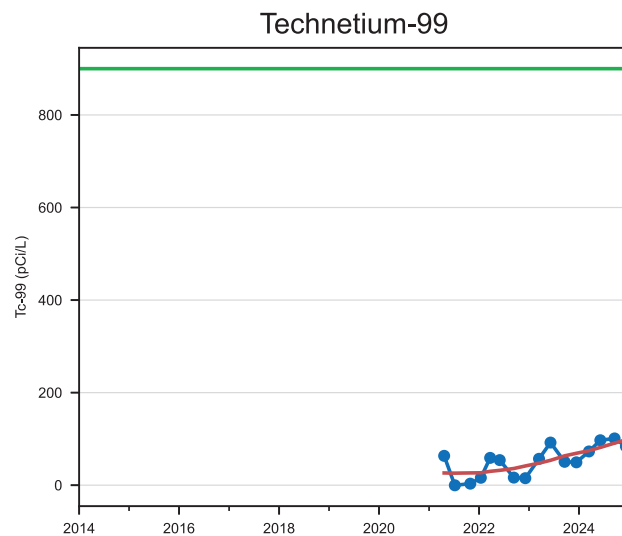
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Figure 257. Tc-99 and TCE at MW556 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
04/21/2021	63.4	2500.0
07/08/2021	< -0.239	6320.0
10/29/2021	< 3.3	9610.0
01/14/2022	16.0	10300.0
03/23/2022	59.0	2190.0
06/01/2022	54.2	2990.0
09/12/2022	< 16.4	8630.0
12/05/2022	< 15.1	10400.0
03/15/2023	57.0	8390.0
06/07/2023	92.1	4500.0
09/18/2023	50.5	5910.0
12/13/2023	49.4	10200.0
03/14/2024	72.9	5220.0
06/05/2024	97.1	2430.0
09/17/2024	101.0	2760.0
12/09/2024	83.8	2750.0

Notes:

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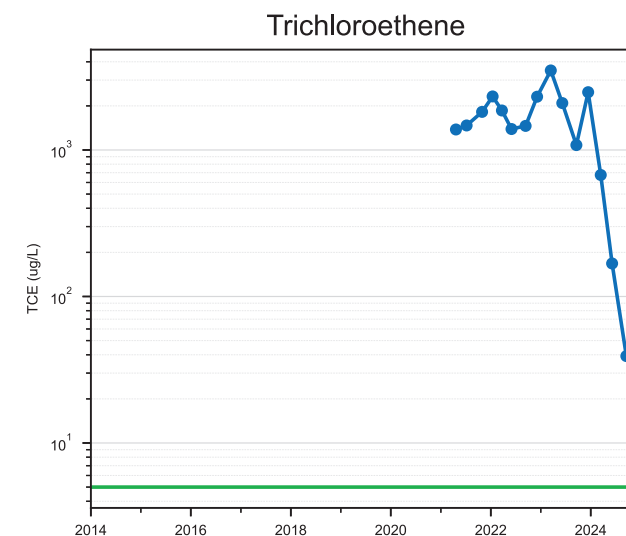
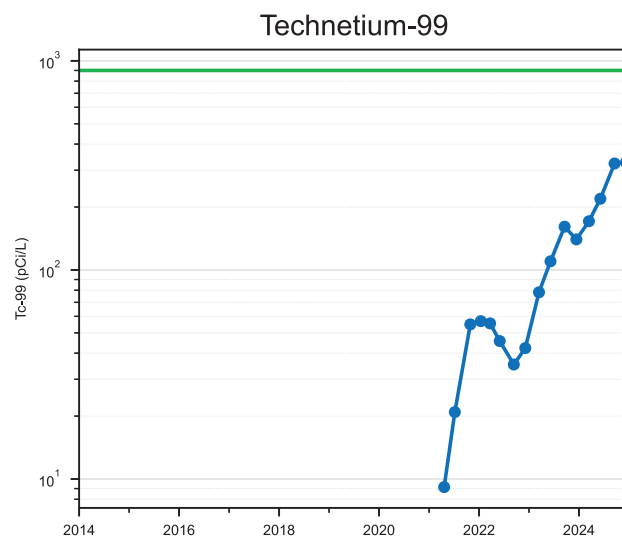
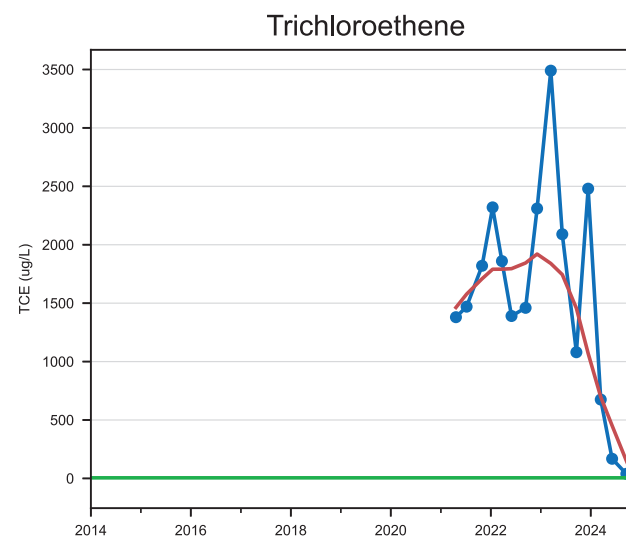
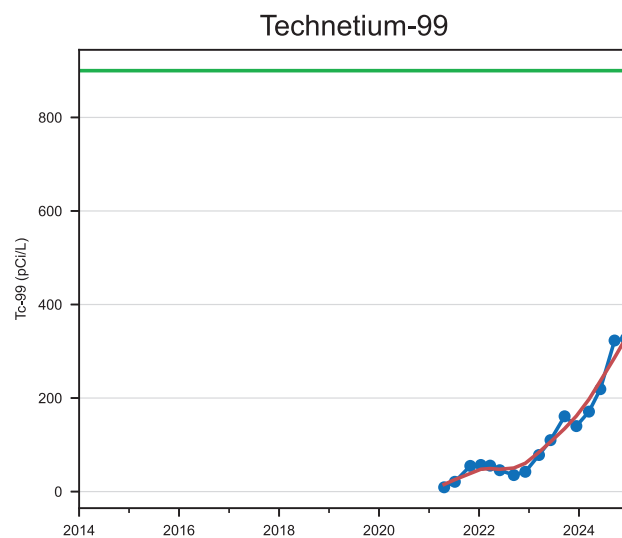
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Figure 258. Tc-99 and TCE at MW557 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
04/21/2021	9.15	1380.0
07/08/2021	20.9	1470.0
10/29/2021	54.9	1820.0
01/14/2022	56.9	2320.0
03/23/2022	55.5	1860.0
06/01/2022	45.7	1390.0
09/12/2022	35.3	1460.0
12/05/2022	42.3	2310.0
03/15/2023	78.2	3490.0
06/07/2023	110.0	2090.0
09/18/2023	161.0	1080.0
12/13/2023	140.0	2480.0
03/14/2024	171.0	675.0
06/05/2024	219.0	168.0
09/17/2024	323.0	39.2
12/09/2024	327.0	145.0

Notes:

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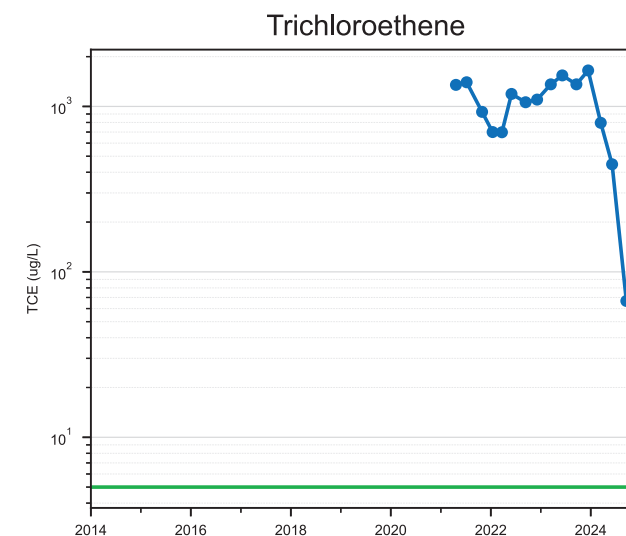
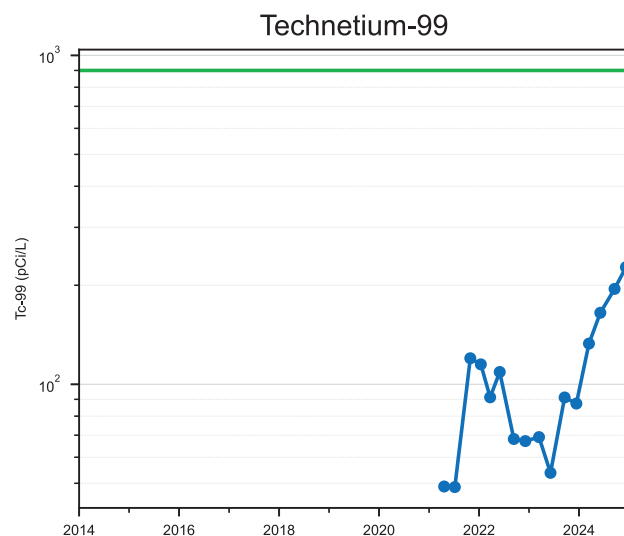
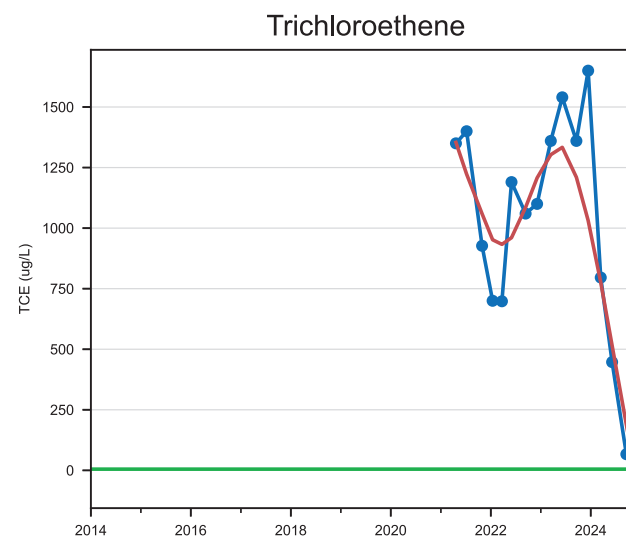
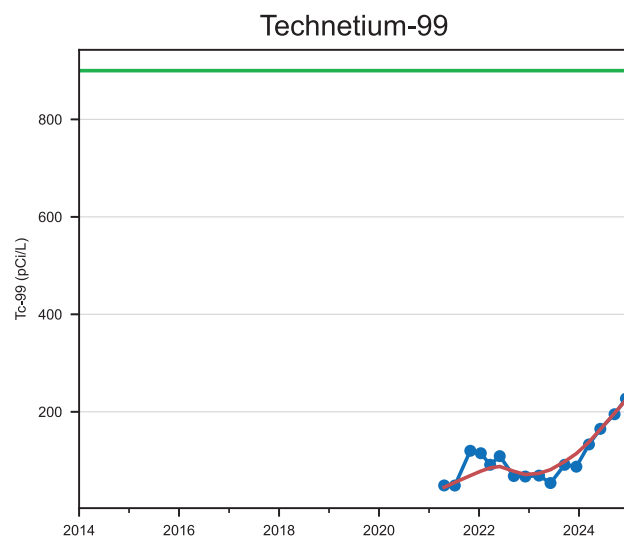
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Figure 259. Tc-99 and TCE at MW558 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
04/21/2021	48.9	1350.0
07/08/2021	48.7	1400.0
10/29/2021	120.0	927.0
01/14/2022	115.0	700.0
03/23/2022	91.3	698.0
06/01/2022	109.0	1190.0
09/12/2022	68.2	1060.0
12/05/2022	67.2	1100.0
03/15/2023	69.1	1360.0
06/07/2023	53.8	1540.0
09/18/2023	91.2	1360.0
12/13/2023	87.4	1650.0
03/14/2024	133.0	796.0
06/05/2024	165.0	447.0
09/17/2024	195.0	66.7
12/09/2024	227.0	50.8

Notes:

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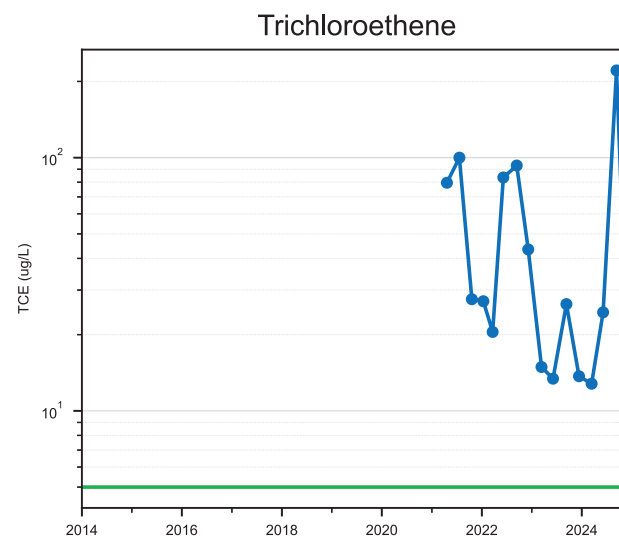
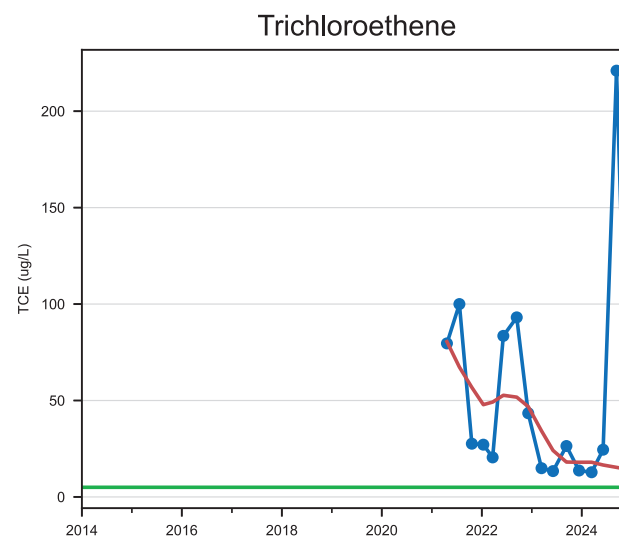
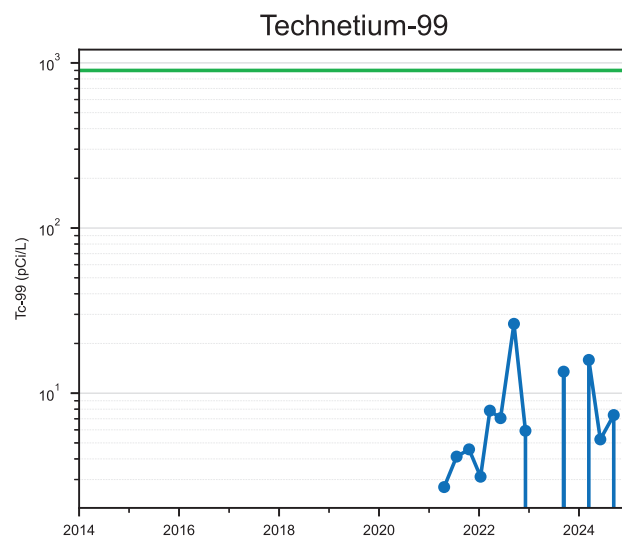
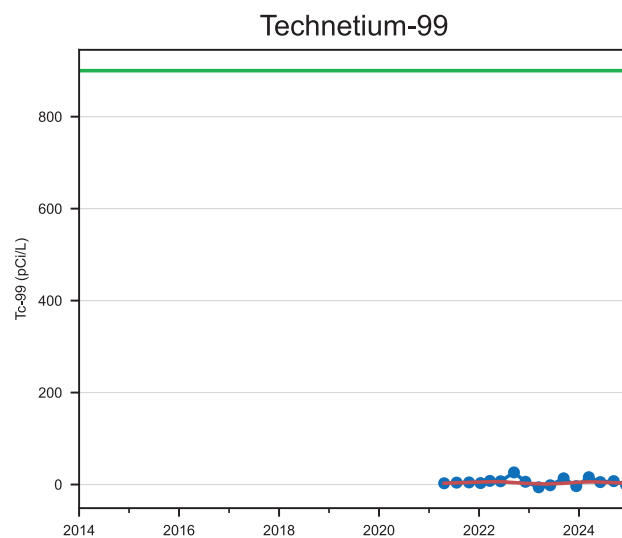
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Figure 260. Tc-99 and TCE at MW559 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
04/21/2021	< 2.7	79.6
07/21/2021	4.13	< 100.0
10/20/2021	4.57	27.6
01/12/2022	3.12	27.1
03/21/2022	< 7.84	20.5
06/07/2022	< 7.06	83.5
09/13/2022	26.3	93.1
12/06/2022	< 5.92	43.4
03/13/2023	< 6.05	14.9
06/05/2023	< 1.59	13.4
09/11/2023	< 13.5	26.4
12/12/2023	< 3.55	13.7
03/13/2024	< 15.9	12.8
06/05/2024	< 5.25	24.5
09/11/2024	< 7.37	221.0
12/10/2024	< 1.0	11.9

Notes:

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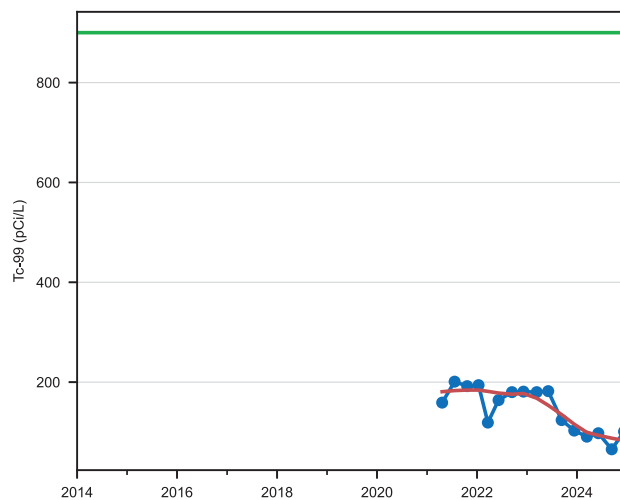
Figure 261. Tc-99 and TCE at MW560 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
04/21/2021	159.0	3620.0
07/21/2021	201.0	3450.0
10/21/2021	192.0	3210.0
01/12/2022	194.0	2470.0
03/21/2022	119.0	3320.0
06/07/2022	164.0	3380.0
09/13/2022	180.0	2900.0
12/06/2022	181.0	3050.0
03/13/2023	180.0	2600.0
06/05/2023	182.0	2520.0
09/11/2023	124.0	2410.0
12/12/2023	103.0	2470.0
03/13/2024	90.8	2250.0
06/05/2024	97.7	2670.0
09/11/2024	65.5	2300.0
12/10/2024	101.0	1560.0

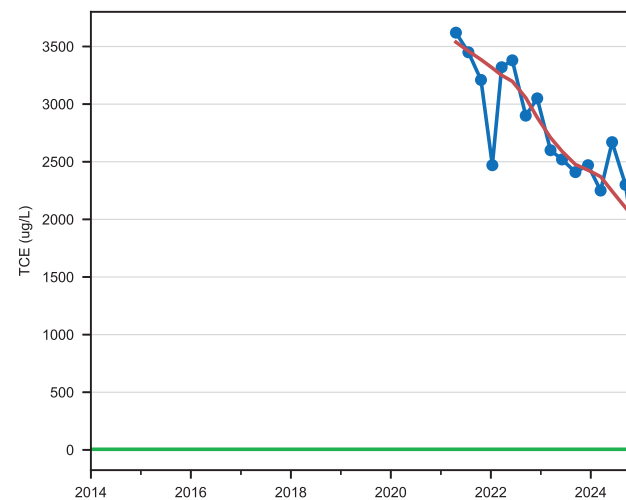
Notes:

1. < indicates non-detect value below report detection limit.
 2. LOWESS stands for Locally Weighted Scatterplot Smoothing.
- A fraction of 0.5 was used, which affects how many points are considered to be local for each point.

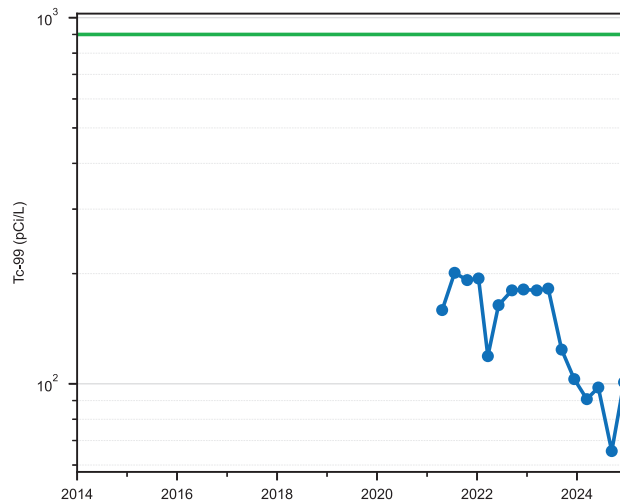
Technetium-99



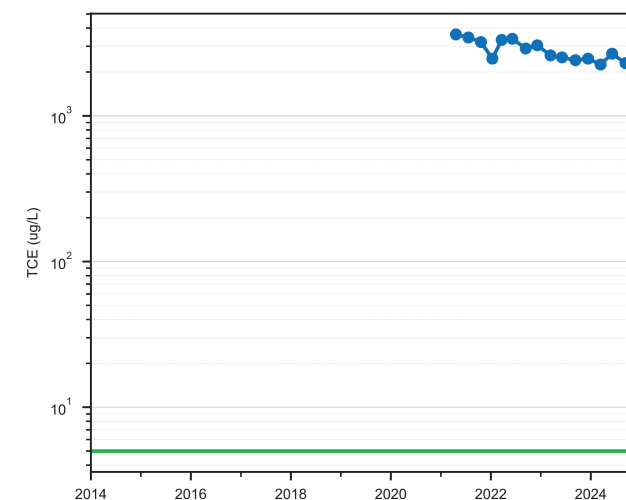
Trichloroethene



Technetium-99



Trichloroethene



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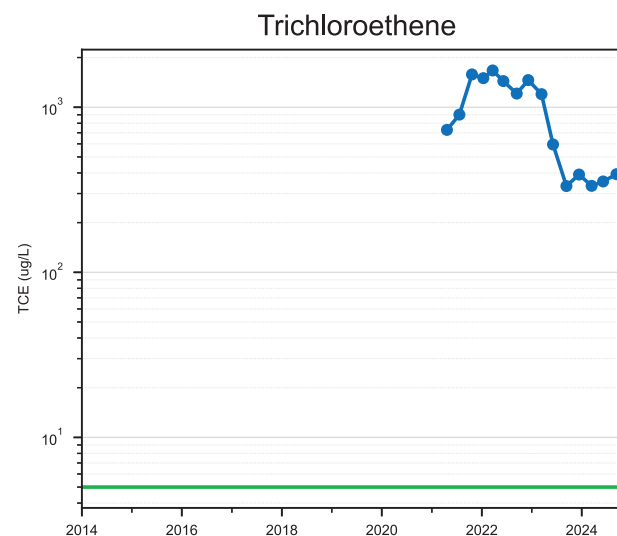
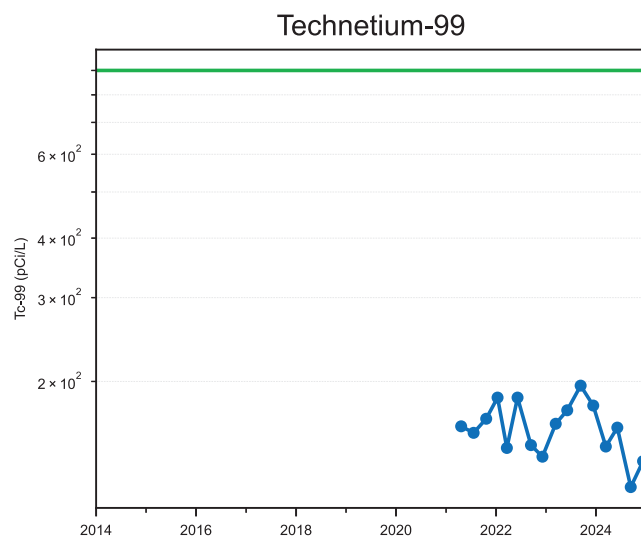
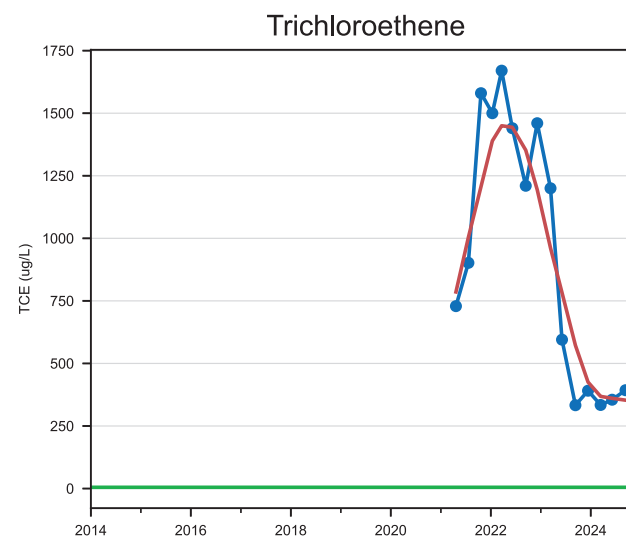
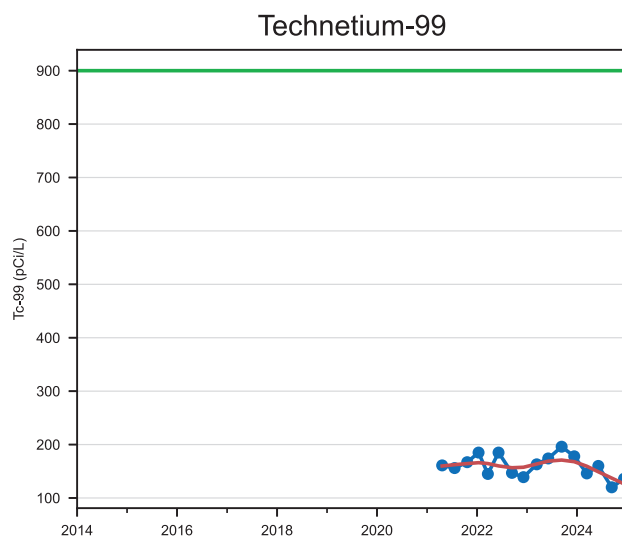
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Figure 262. Tc-99 and TCE at MW561 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
04/21/2021	161.0	729.0
07/21/2021	156.0	902.0
10/21/2021	167.0	1580.0
01/12/2022	185.0	1500.0
03/21/2022	145.0	1670.0
06/07/2022	185.0	1440.0
09/13/2022	147.0	1210.0
12/06/2022	139.0	1460.0
03/13/2023	163.0	1200.0
06/05/2023	174.0	595.0
09/11/2023	196.0	333.0
12/12/2023	178.0	391.0
03/13/2024	146.0	334.0
06/05/2024	160.0	355.0
09/11/2024	120.0	393.0
12/10/2024	136.0	329.0

Notes:

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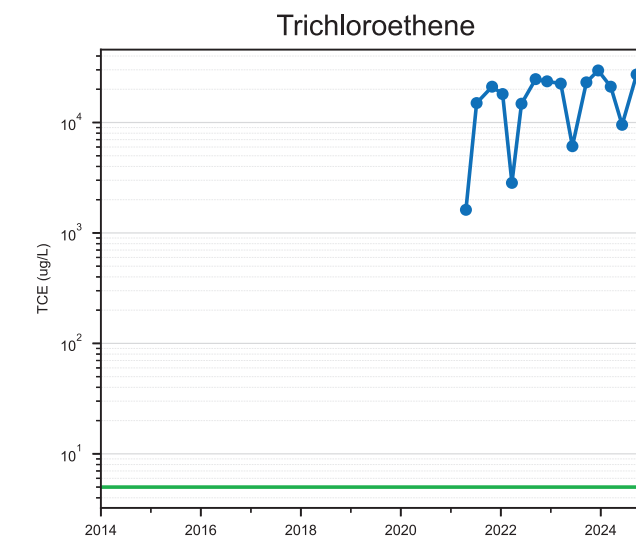
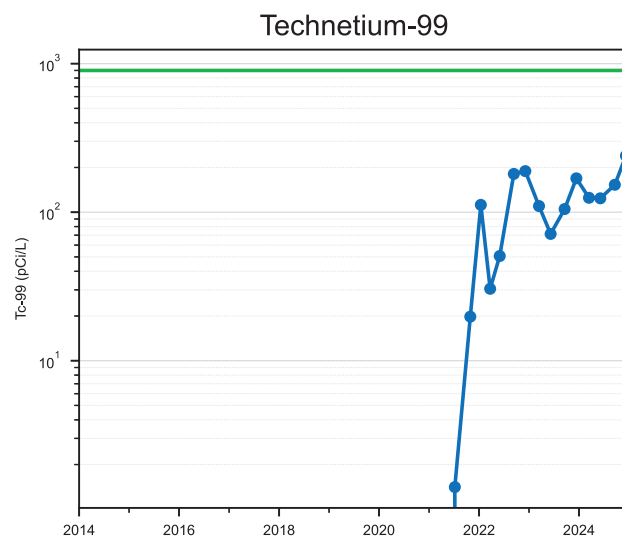
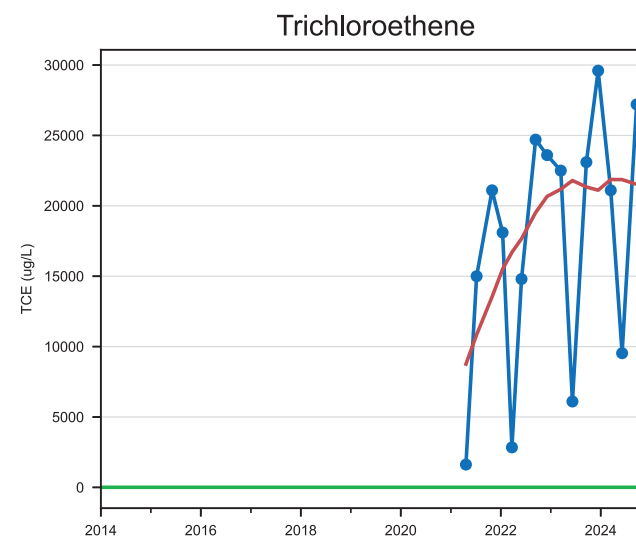
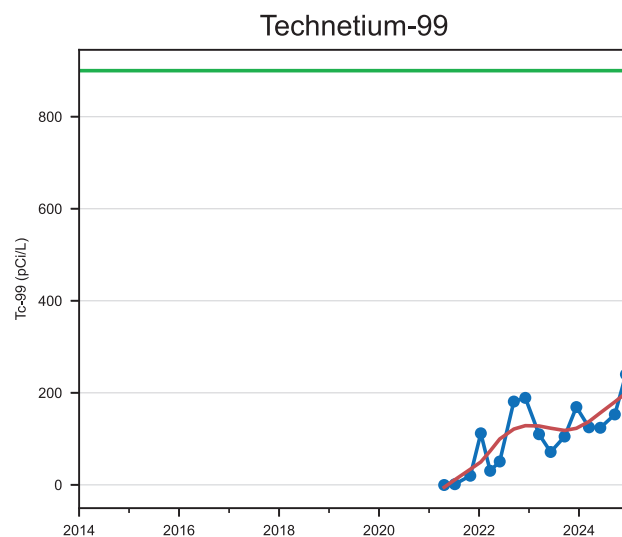
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Figure 263. Tc-99 and TCE at MW562 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
04/21/2021	< -0.335	1620.0
07/08/2021	< 1.41	15000.0
10/29/2021	19.8	21100.0
01/14/2022	112.0	18100.0
03/23/2022	30.5	2840.0
06/01/2022	50.7	14800.0
09/12/2022	181.0	24700.0
12/05/2022	189.0	23600.0
03/15/2023	110.0	22500.0
06/08/2023	71.4	6100.0
09/18/2023	105.0	23100.0
12/13/2023	169.0	29600.0
03/14/2024	125.0	21100.0
06/05/2024	124.0	9530.0
09/19/2024	153.0	27200.0
12/09/2024	240.0	21100.0

Notes:

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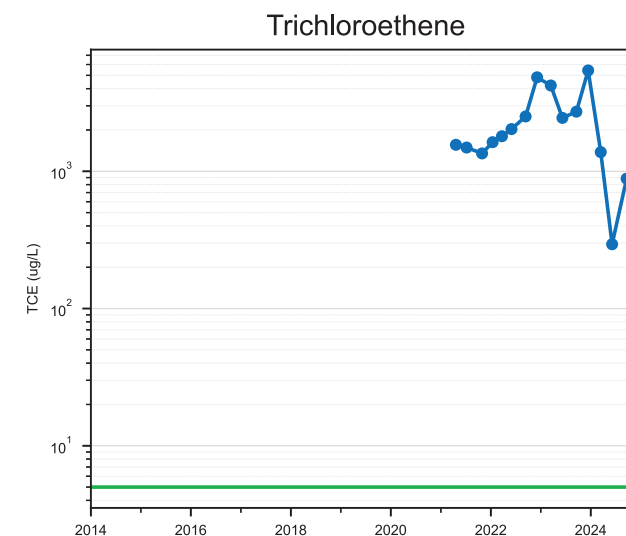
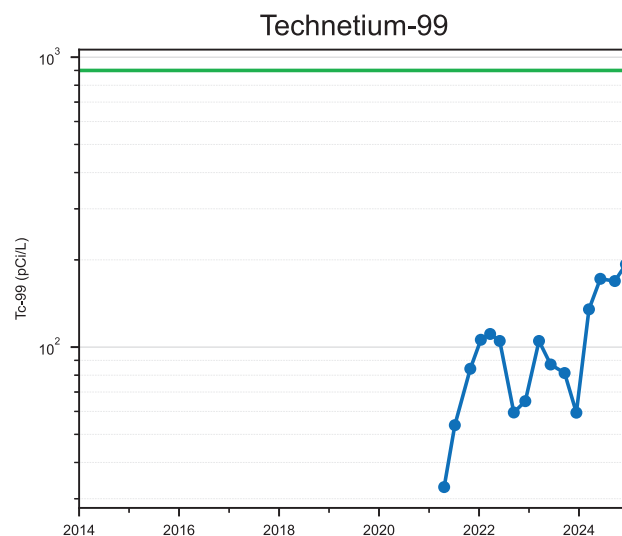
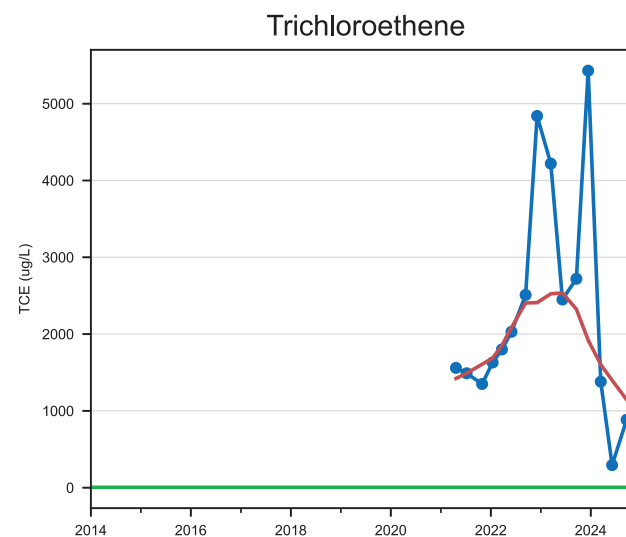
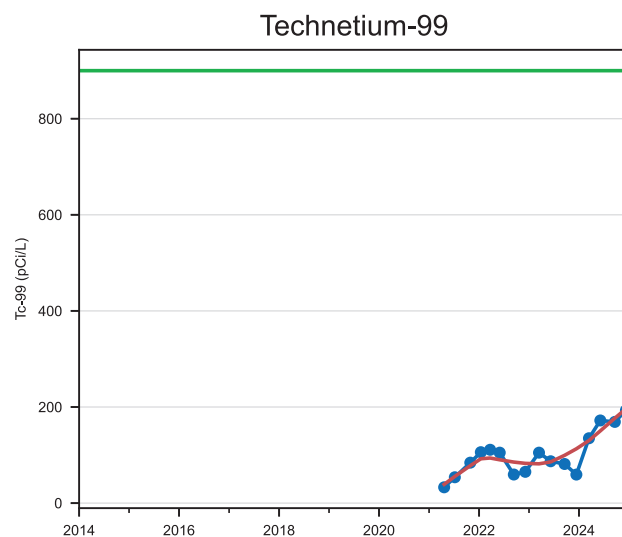
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Figure 264. Tc-99 and TCE at MW563 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
04/21/2021	32.9	1560.0
07/08/2021	53.8	1490.0
10/29/2021	84.2	1350.0
01/14/2022	106.0	1630.0
03/23/2022	111.0	1800.0
06/01/2022	105.0	2030.0
09/12/2022	59.5	2510.0
12/05/2022	65.1	4840.0
03/15/2023	105.0	4220.0
06/08/2023	87.1	2450.0
09/18/2023	81.4	2720.0
12/13/2023	59.4	5430.0
03/14/2024	135.0	1380.0
06/05/2024	172.0	294.0
09/19/2024	169.0	884.0
12/09/2024	193.0	1540.0

Notes:

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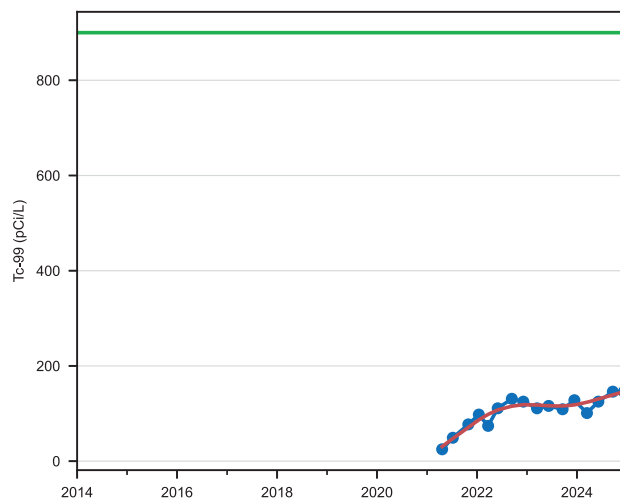
Figure 265. Tc-99 and TCE at MW564 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
04/21/2021	24.9	912.0
07/08/2021	49.1	639.0
10/29/2021	77.2	975.0
01/14/2022	97.8	1430.0
03/23/2022	74.1	1110.0
06/01/2022	111.0	1030.0
09/12/2022	131.0	1060.0
12/05/2022	125.0	1370.0
03/15/2023	111.0	1470.0
06/08/2023	116.0	1350.0
09/18/2023	109.0	957.0
12/13/2023	128.0	1470.0
03/14/2024	101.0	206.0
06/05/2024	125.0	144.0
09/19/2024	146.0	44.2
12/09/2024	146.0	24.0

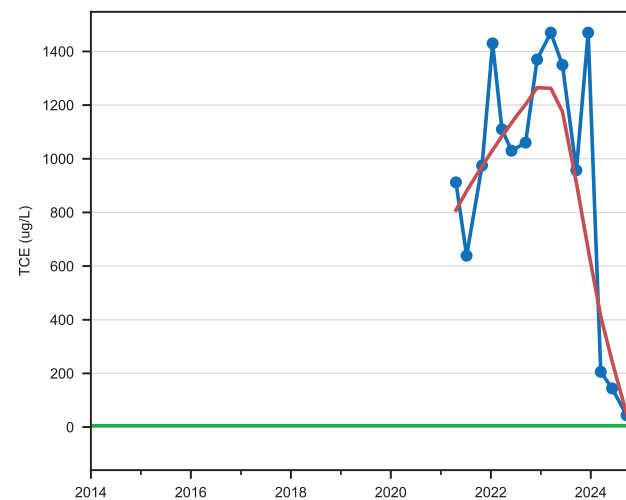
Notes:

1. < indicates non-detect value below report detection limit.
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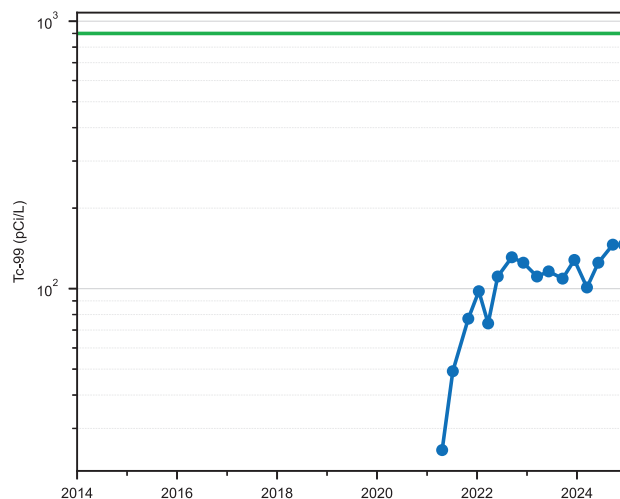
Technetium-99



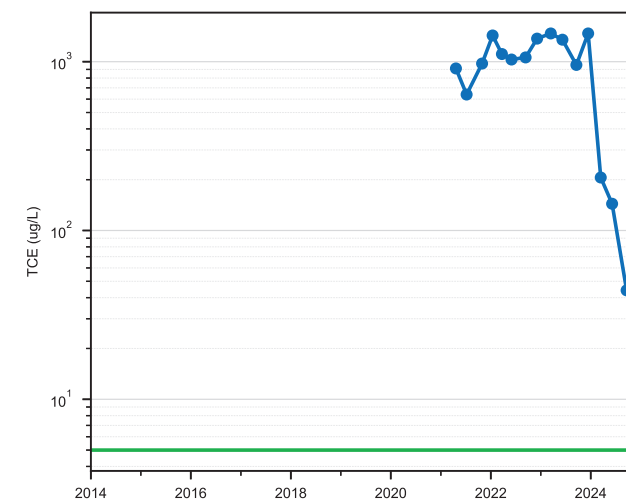
Trichloroethene



Technetium-99



Trichloroethene



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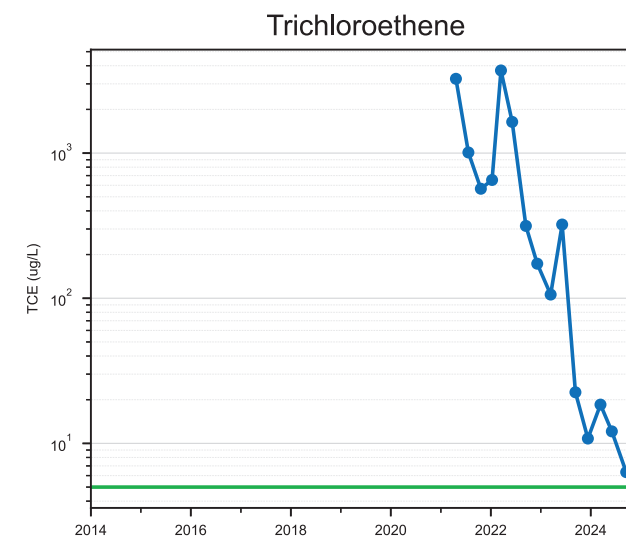
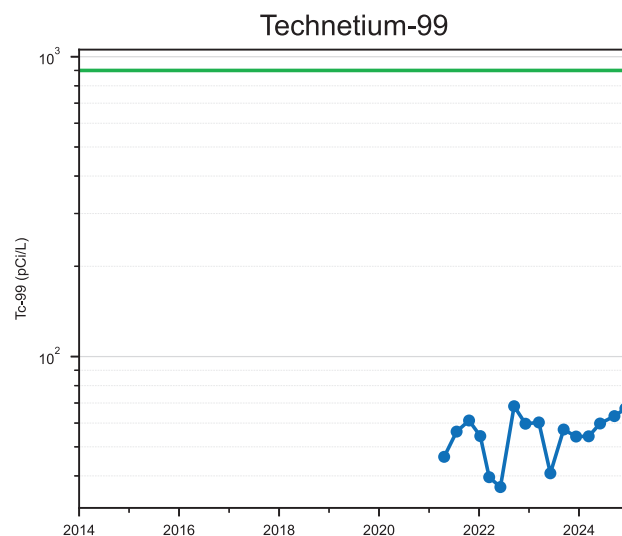
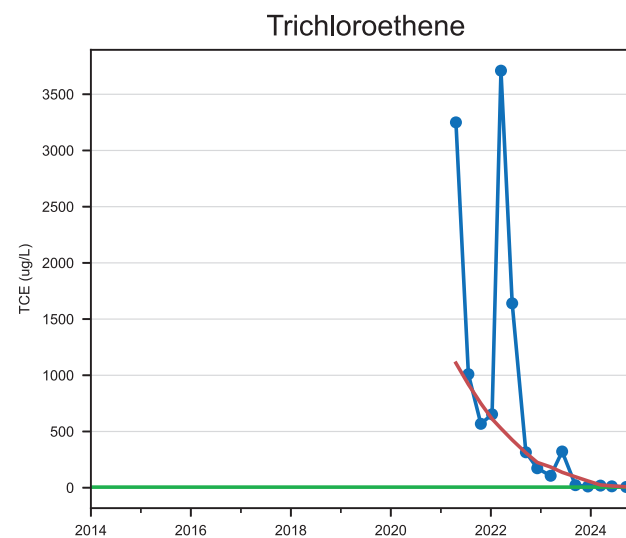
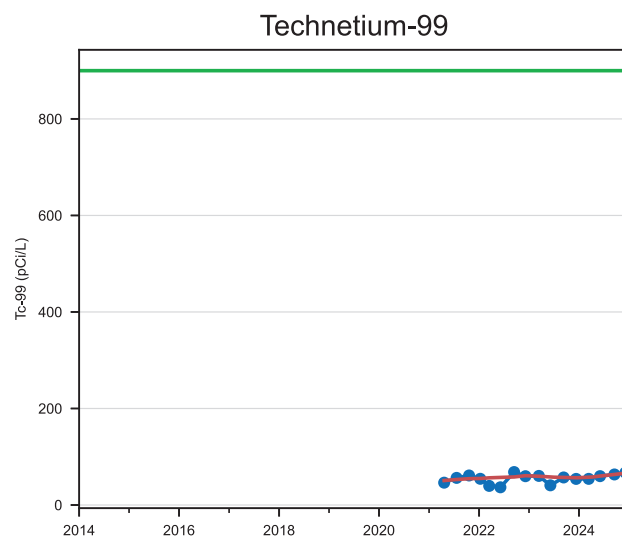
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Figure 266. Tc-99 and TCE at MW565 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
04/21/2021	46.3	3250.0
07/21/2021	56.2	1010.0
10/20/2021	61.2	568.0
01/10/2022	54.3	653.0
03/16/2022	39.6	3710.0
06/06/2022	36.7	1640.0
09/14/2022	68.3	315.0
12/06/2022	59.7	173.0
03/14/2023	60.3	106.0
06/06/2023	40.8	322.0
09/11/2023	57.1	22.5
12/11/2023	54.1	10.8
03/12/2024	54.2	18.5
06/03/2024	59.8	12.1
09/16/2024	63.3	6.34
12/05/2024	67.1	12.7

Notes:

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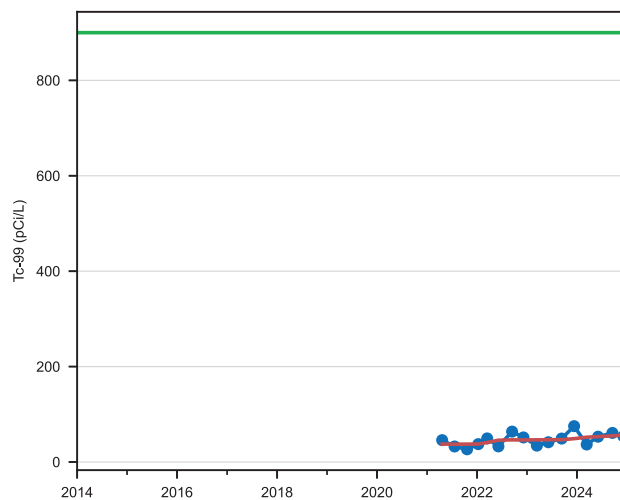
Figure 267. Tc-99 and TCE at MW566 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
04/21/2021	45.8	4370.0
07/21/2021	32.5	3600.0
10/20/2021	26.6	2640.0
01/10/2022	37.4	4220.0
03/16/2022	49.4	4980.0
06/06/2022	32.7	3290.0
09/14/2022	63.7	2020.0
12/06/2022	51.5	1460.0
03/14/2023	34.3	2630.0
06/06/2023	41.4	2800.0
09/11/2023	49.1	113.0
12/11/2023	75.1	228.0
03/12/2024	36.7	240.0
06/03/2024	53.0	338.0
09/16/2024	60.9	11.9
12/05/2024	54.0	5.34

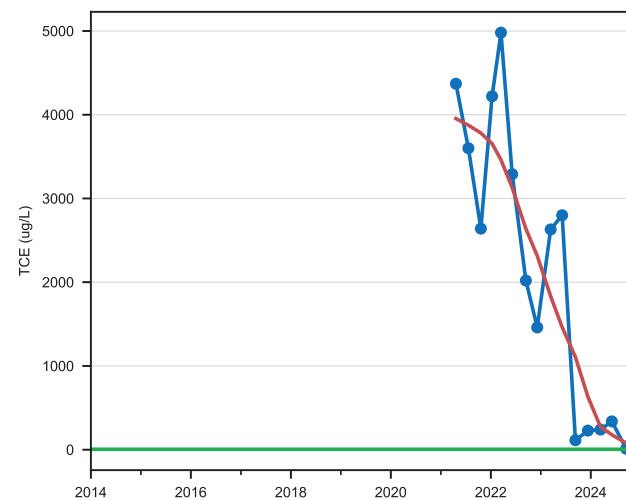
Notes:

1. < indicates non-detect value below report detection limit.
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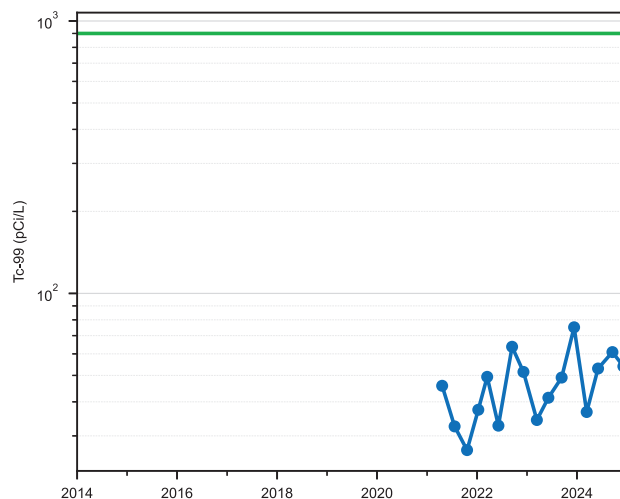
Technetium-99



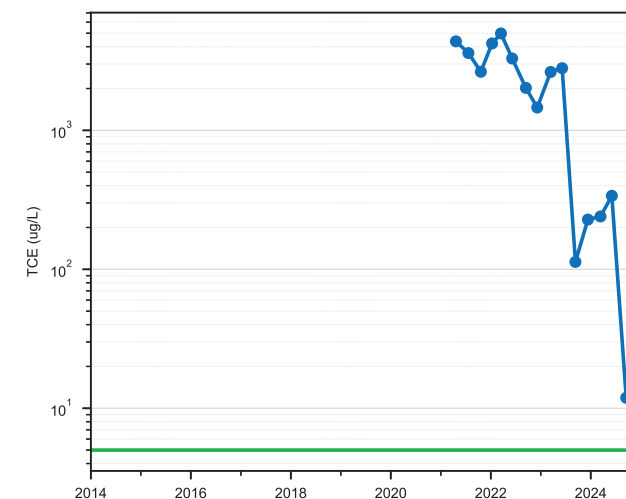
Trichloroethene



Technetium-99



Trichloroethene



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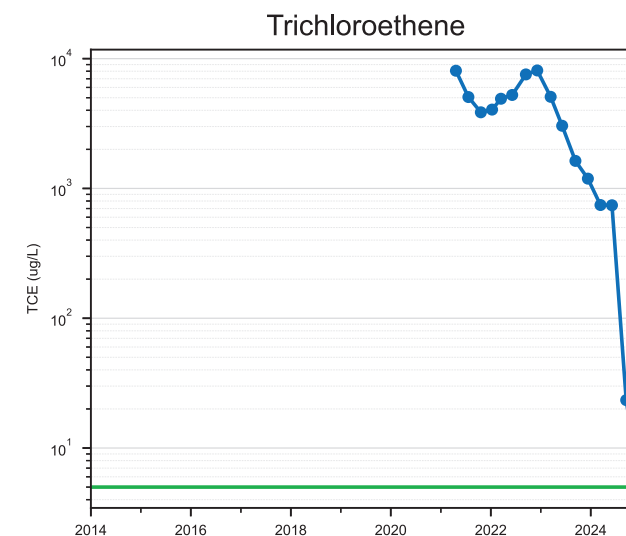
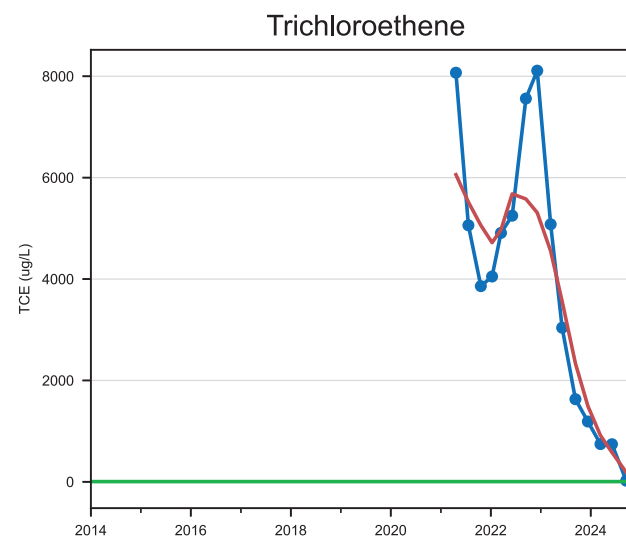
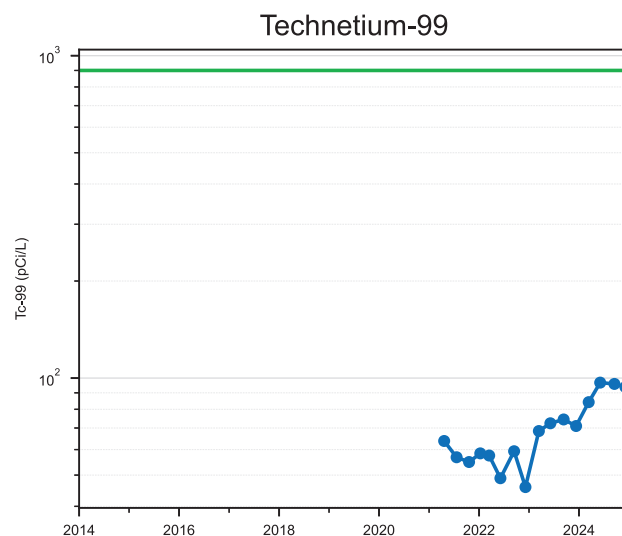
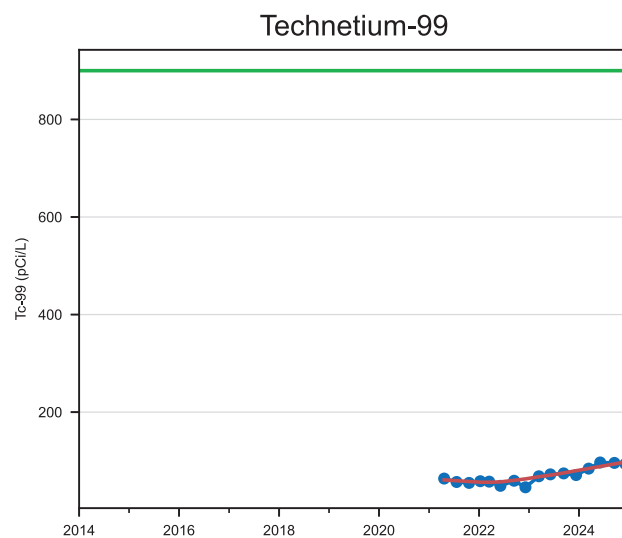

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Figure 268. Tc-99 and TCE at MW567 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
04/21/2021	63.8	8070.0
07/21/2021	56.8	5060.0
10/20/2021	54.9	3860.0
01/10/2022	58.4	4050.0
03/16/2022	57.5	4910.0
06/06/2022	48.9	5250.0
09/14/2022	59.3	7560.0
12/06/2022	45.9	8110.0
03/14/2023	68.5	5080.0
06/06/2023	72.4	3040.0
09/11/2023	74.4	1630.0
12/11/2023	71.0	1190.0
03/12/2024	84.2	745.0
06/04/2024	96.8	742.0
09/16/2024	95.9	23.4
12/05/2024	93.8	6.72

Notes:

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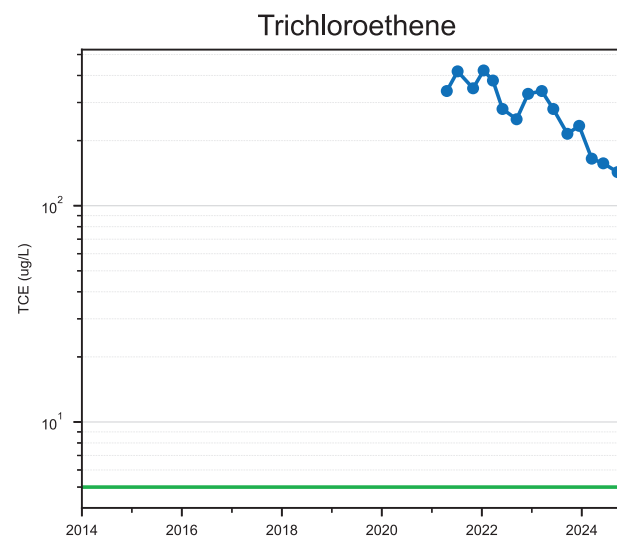
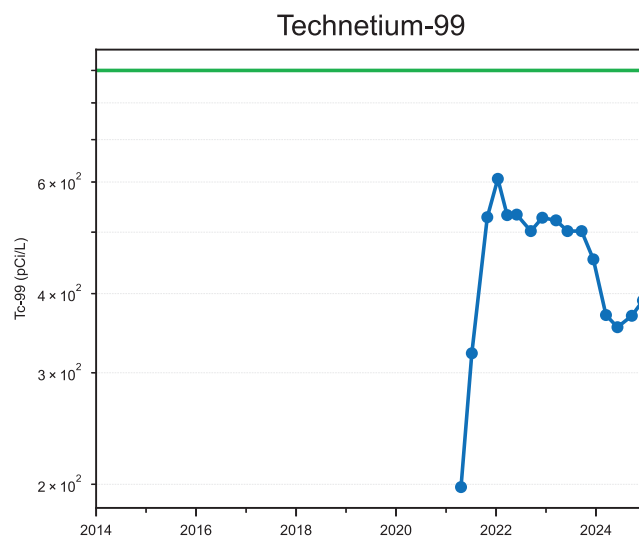
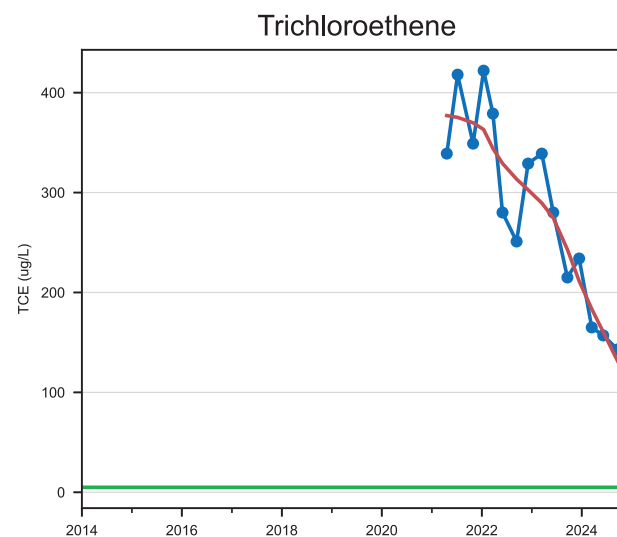
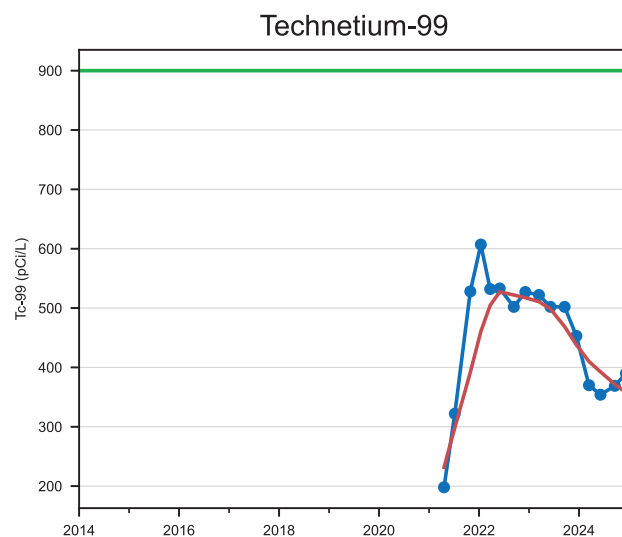
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Figure 269. Tc-99 and TCE at MW568 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
04/20/2021	198.0	339.0
07/08/2021	322.0	418.0
10/29/2021	528.0	349.0
01/14/2022	607.0	422.0
03/23/2022	532.0	379.0
06/01/2022	533.0	280.0
09/12/2022	502.0	251.0
12/05/2022	527.0	329.0
03/15/2023	522.0	339.0
06/07/2023	502.0	280.0
09/18/2023	502.0	215.0
12/13/2023	453.0	234.0
03/14/2024	370.0	165.0
06/06/2024	354.0	157.0
09/19/2024	369.0	143.0
12/09/2024	390.0	105.0

Notes:

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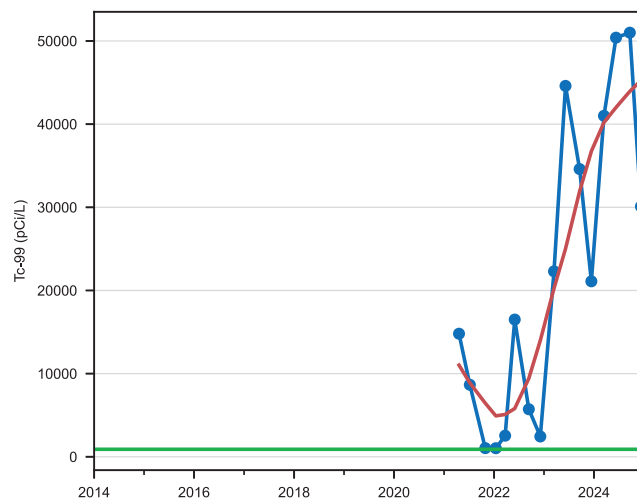
Figure 270. Tc-99 and TCE at MW569 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
04/20/2021	14800.0	3900.0
07/08/2021	8660.0	3200.0
10/29/2021	1040.0	3020.0
01/14/2022	1030.0	3620.0
03/23/2022	2540.0	4280.0
06/01/2022	16500.0	4470.0
09/12/2022	5720.0	2680.0
12/05/2022	2440.0	4250.0
03/15/2023	22300.0	5390.0
06/07/2023	44600.0	5660.0
09/18/2023	34600.0	5110.0
12/13/2023	21100.0	5220.0
03/14/2024	41000.0	5410.0
06/10/2024	50400.0	5060.0
09/19/2024	51000.0	4990.0
12/09/2024	30100.0	3840.0

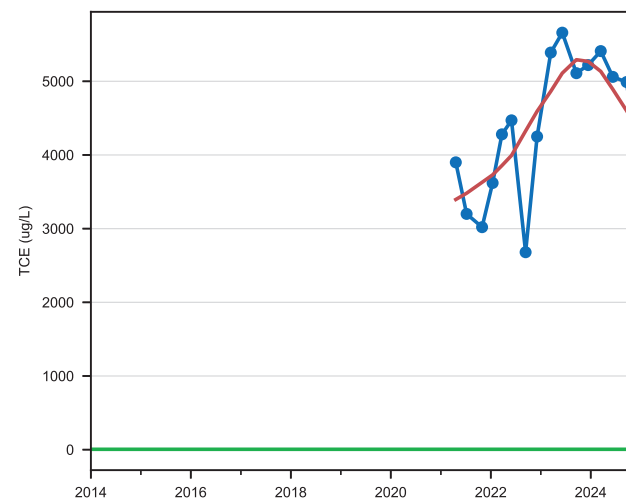
Notes:

1. < indicates non-detect value below report detection limit.
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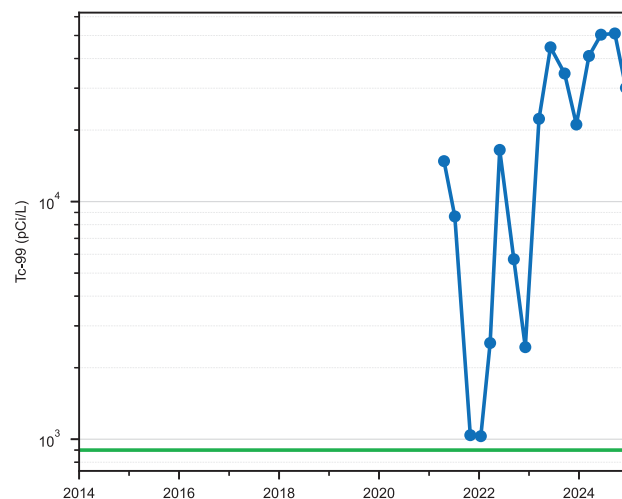
Technetium-99



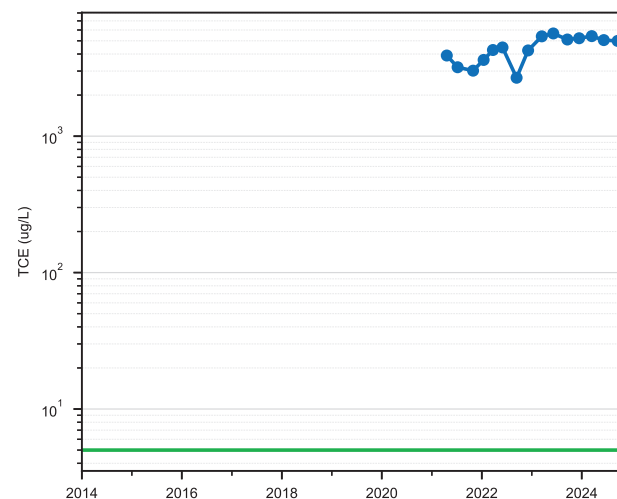
Trichloroethene



Technetium-99



Trichloroethene



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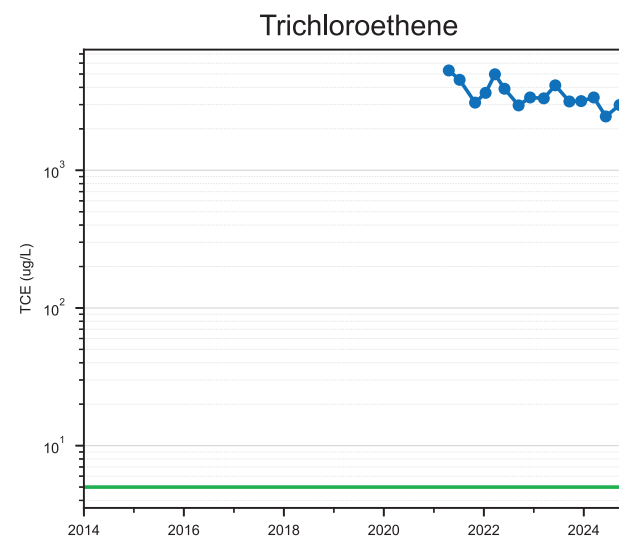
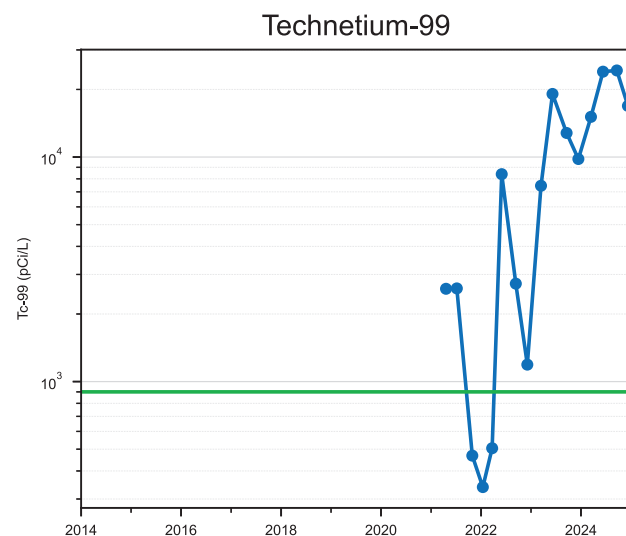
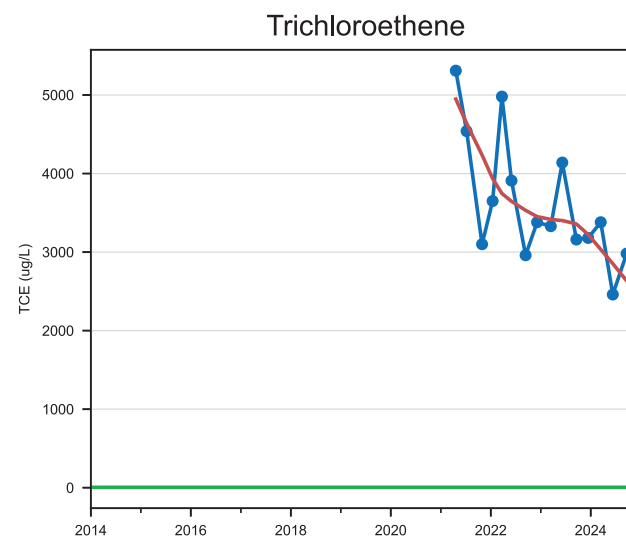
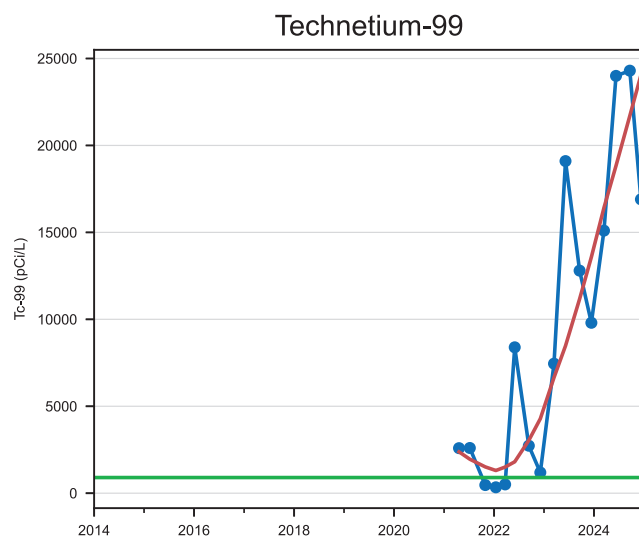
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Figure 271. Tc-99 and TCE at MW570 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
04/20/2021	2590.0	5310.0
07/08/2021	2600.0	4540.0
10/29/2021	468.0	3100.0
01/14/2022	339.0	3650.0
03/23/2022	505.0	4980.0
06/01/2022	8390.0	3910.0
09/12/2022	2730.0	2960.0
12/05/2022	1190.0	3380.0
03/15/2023	7450.0	3330.0
06/07/2023	19100.0	4140.0
09/18/2023	12800.0	3160.0
12/13/2023	9800.0	3180.0
03/14/2024	15100.0	3380.0
06/10/2024	24000.0	2460.0
09/19/2024	24300.0	2980.0
12/09/2024	16900.0	2300.0

Notes:

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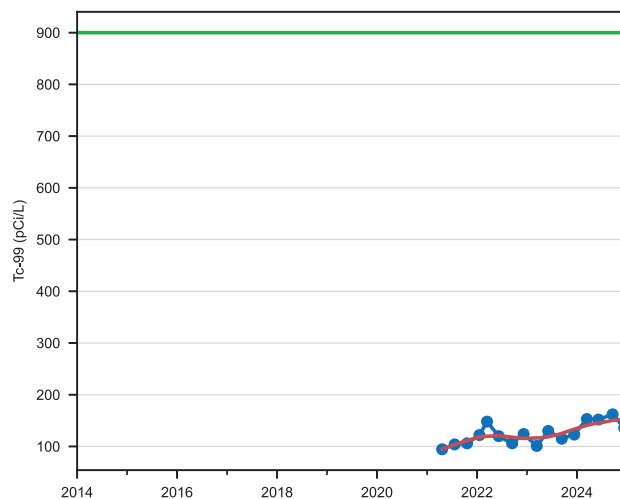
Figure 272. Tc-99 and TCE at MW571 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
04/21/2021	94.5	555.0
07/21/2021	104.0	539.0
10/20/2021	106.0	719.0
01/18/2022	122.0	846.0
03/15/2022	148.0	778.0
06/08/2022	120.0	742.0
09/14/2022	106.0	1160.0
12/07/2022	124.0	943.0
03/13/2023	101.0	1100.0
06/05/2023	130.0	874.0
09/12/2023	115.0	687.0
12/12/2023	123.0	840.0
03/13/2024	153.0	782.0
06/06/2024	152.0	681.0
09/17/2024	162.0	459.0
12/11/2024	136.0	313.0

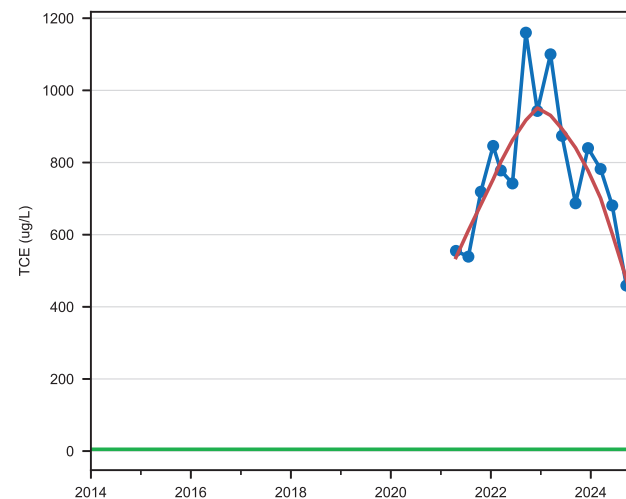
Notes:

1. < indicates non-detect value below report detection limit.
 2. LOWESS stands for Locally Weighted Scatterplot Smoothing.
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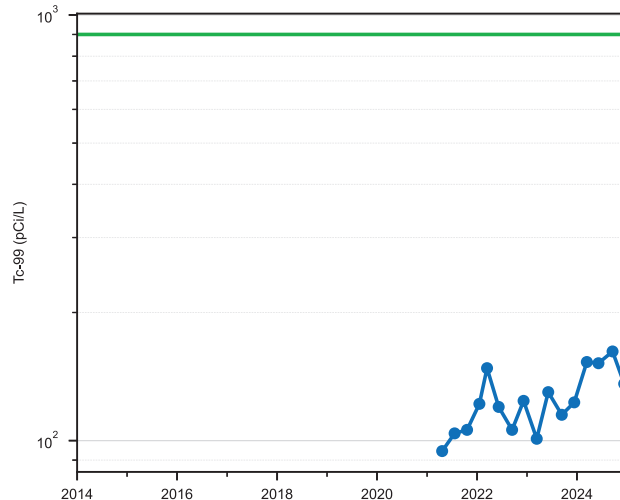
Technetium-99



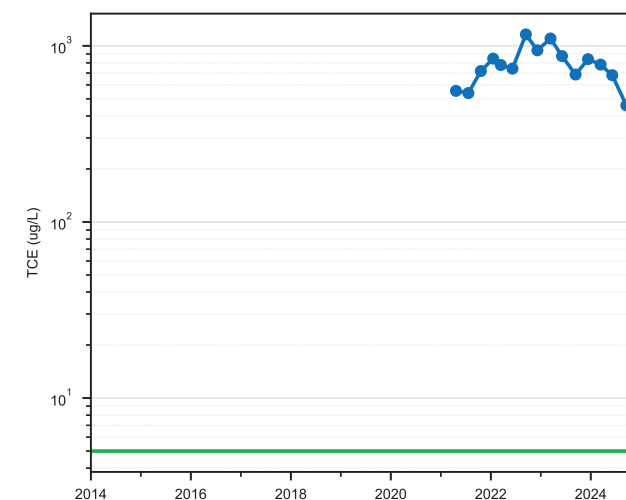
Trichloroethene



Technetium-99



Trichloroethene



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Figure 273. Tc-99 and TCE at MW572 (LRGA)

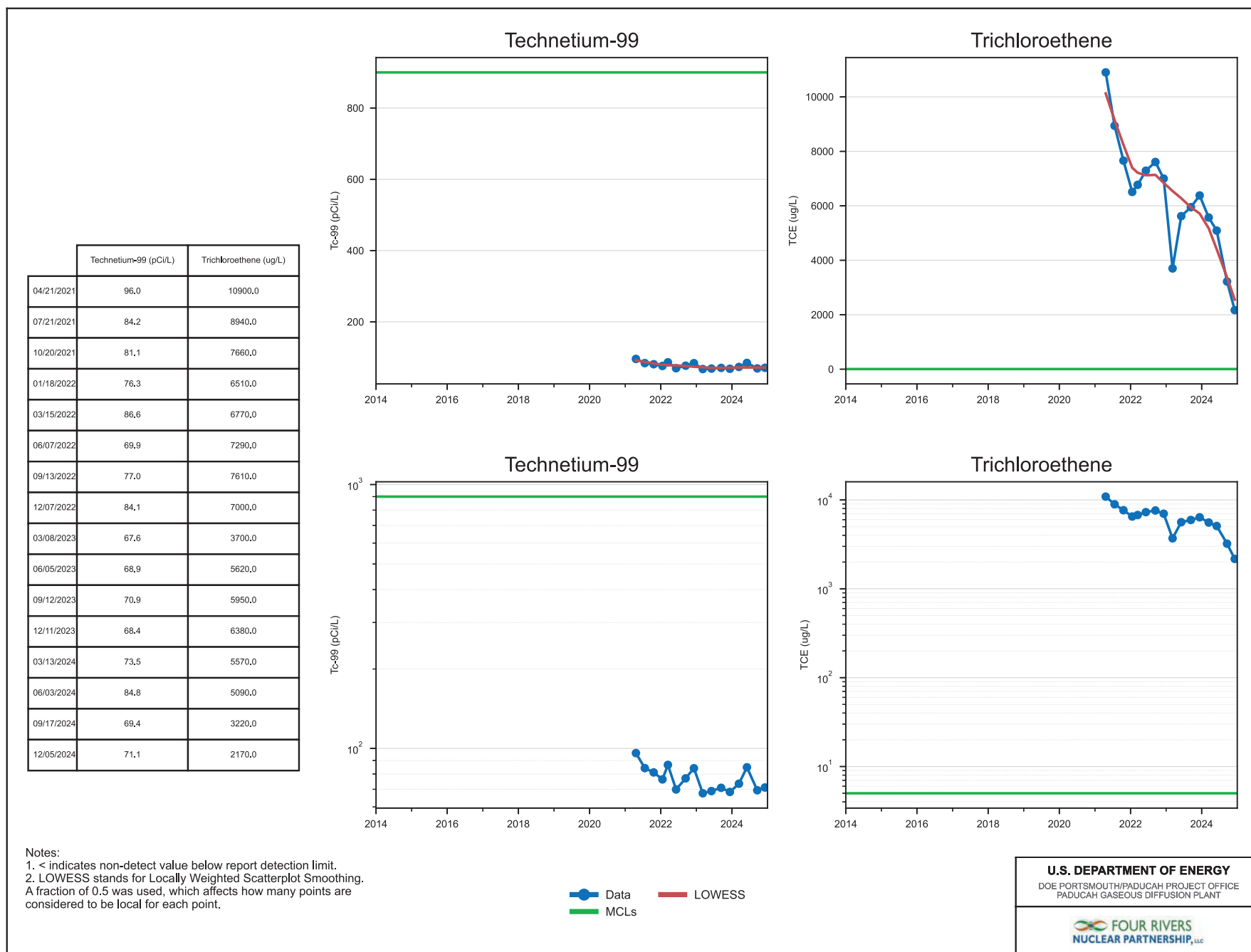


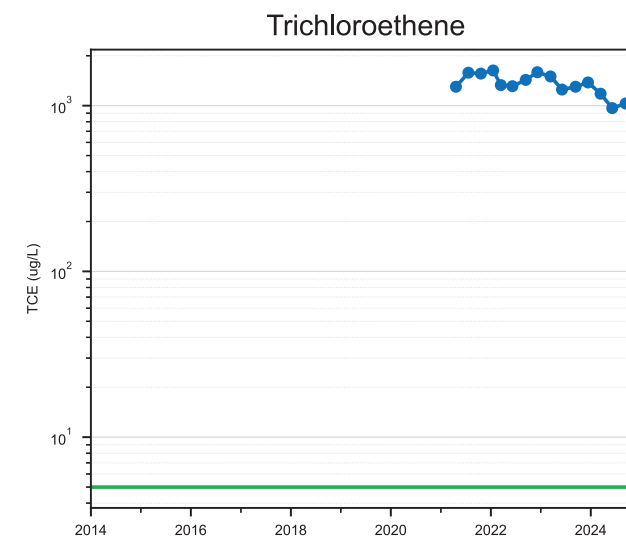
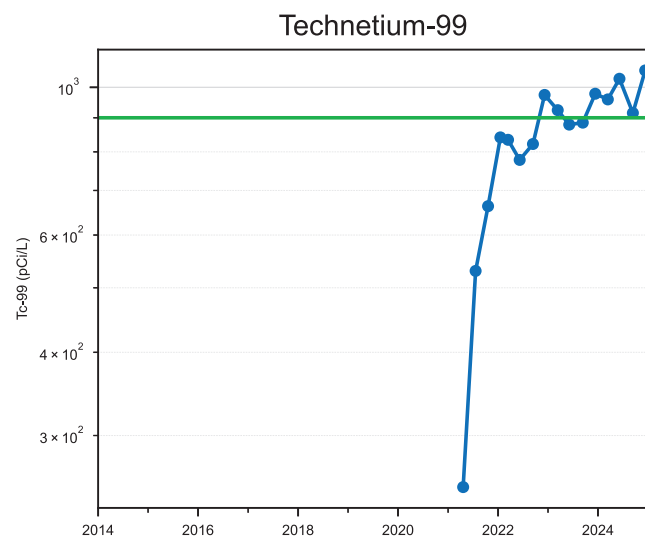
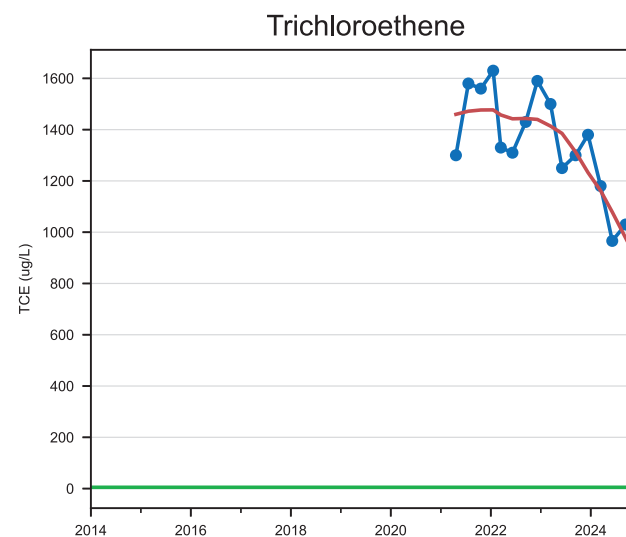
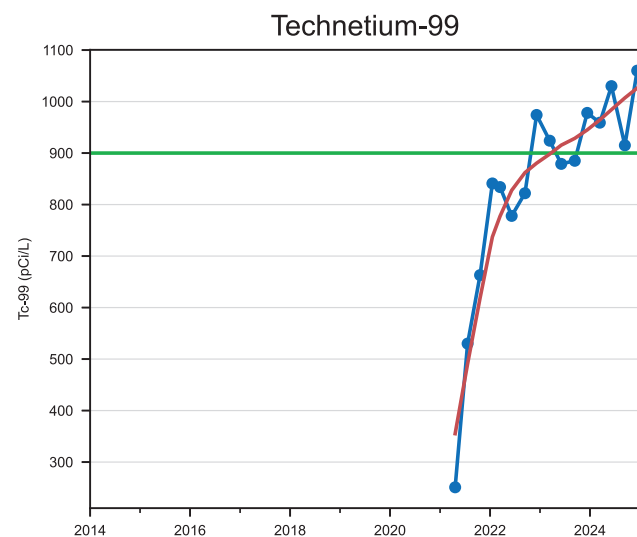
Figure 274. Tc-99 and TCE at MW573 (LRGA)

Source: Trend_Plots_V1.ipynb

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
04/21/2021	251.0	1300.0
07/21/2021	530.0	1580.0
10/20/2021	663.0	1560.0
01/18/2022	841.0	1630.0
03/15/2022	834.0	1330.0
06/08/2022	778.0	1310.0
09/13/2022	822.0	1430.0
12/07/2022	974.0	1590.0
03/13/2023	924.0	1500.0
06/05/2023	879.0	1250.0
09/12/2023	885.0	1300.0
12/12/2023	978.0	1380.0
03/13/2024	959.0	1180.0
06/06/2024	1030.0	966.0
09/12/2024	915.0	1030.0
12/11/2024	1060.0	882.0

Notes:

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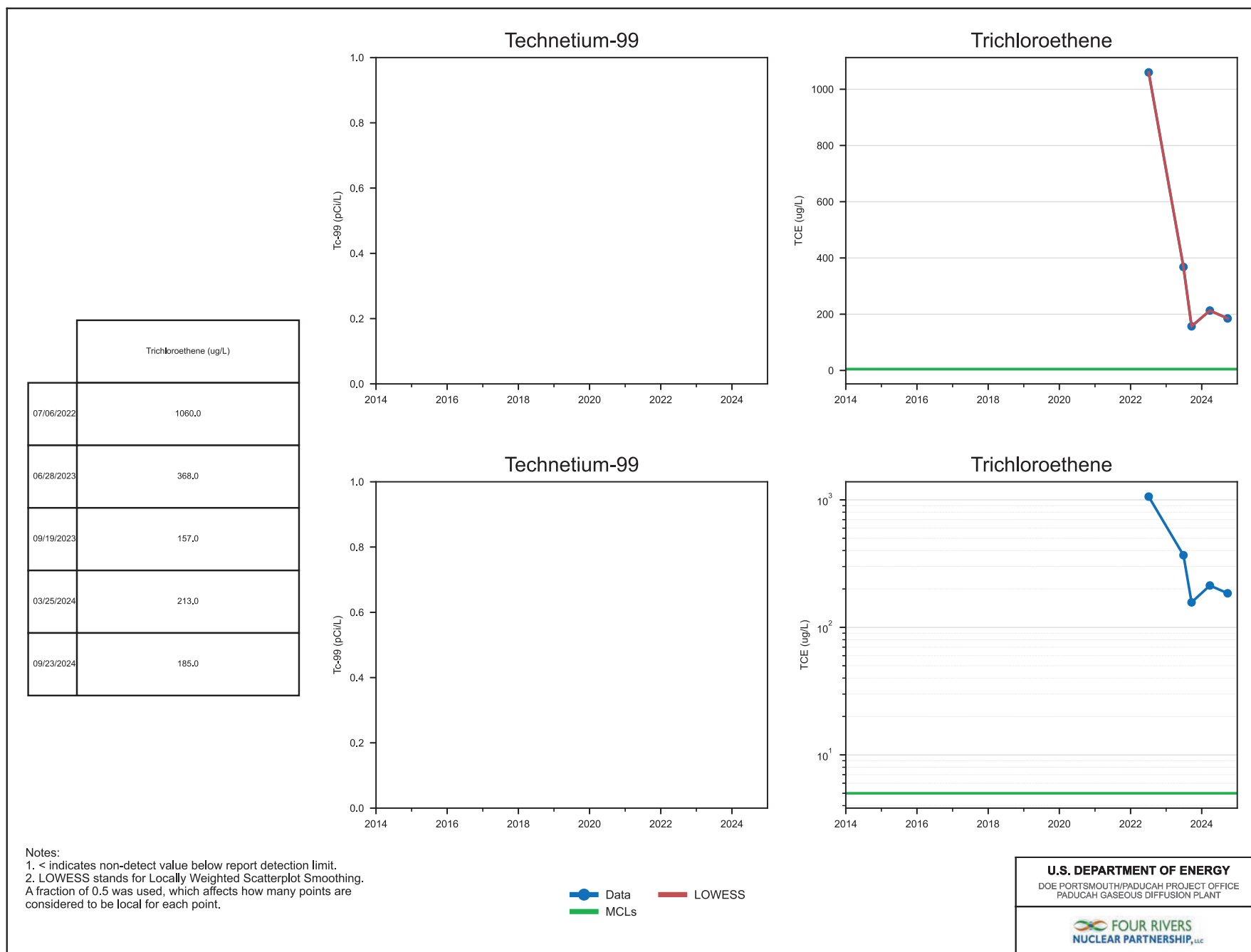
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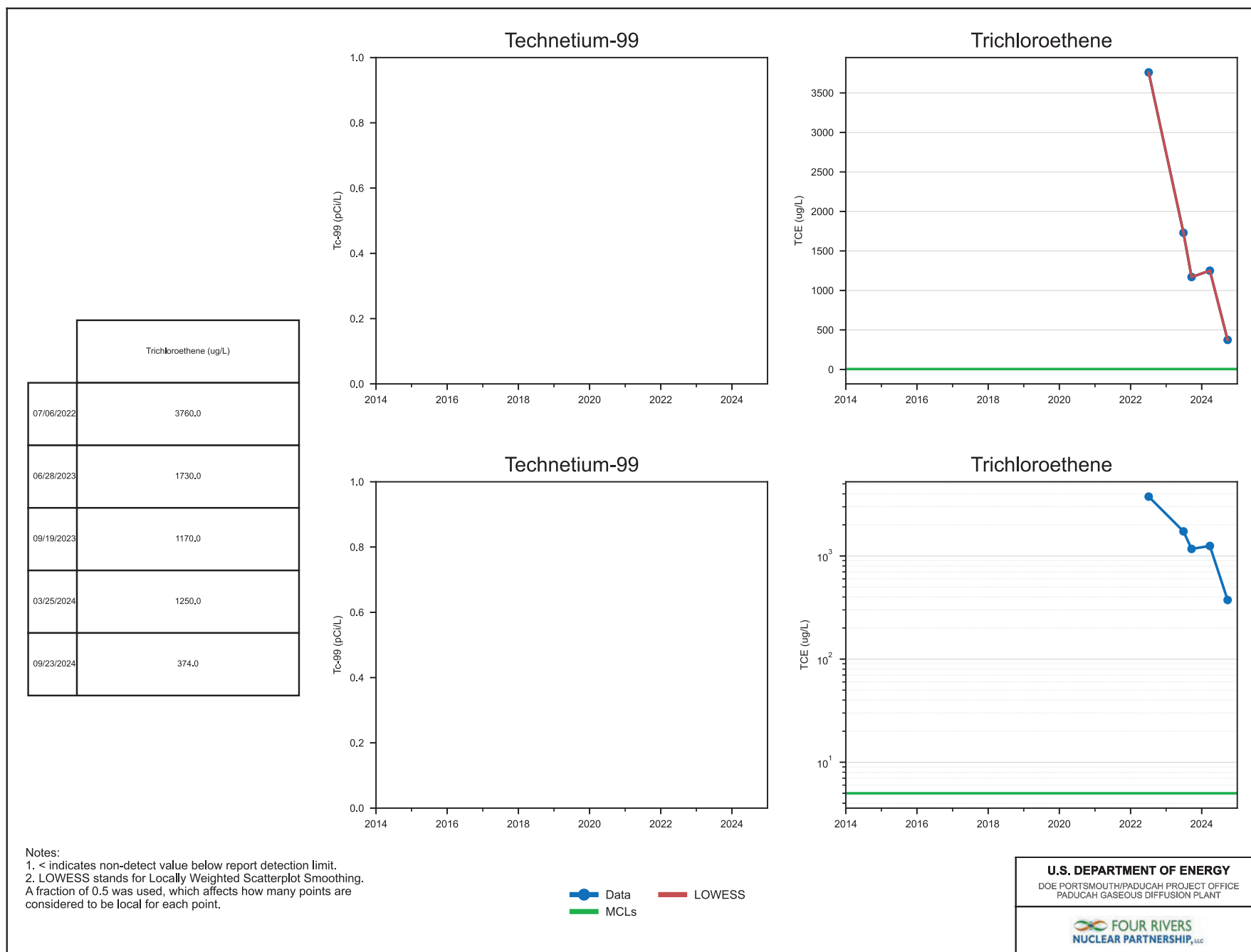
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Figure 275. Tc-99 and TCE at MW574 (URGA)



Source: Trend_Plots_V1.ipynb

Figure 276. Tc-99 and TCE at MW575 (URGA)



Source: Trend_Plots_V1.ipynb

Figure 277. Tc-99 and TCE at MW576 (MRGA)

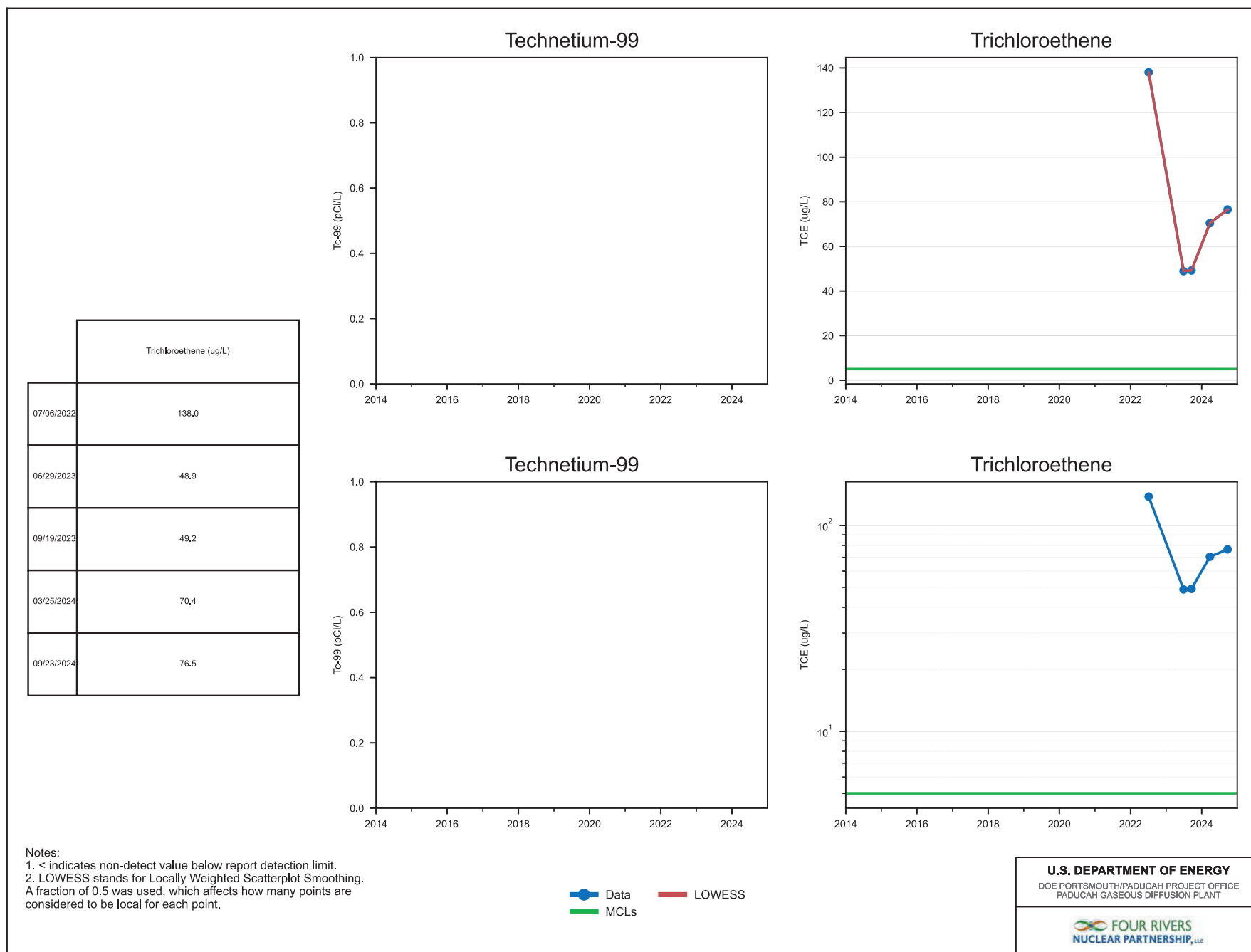
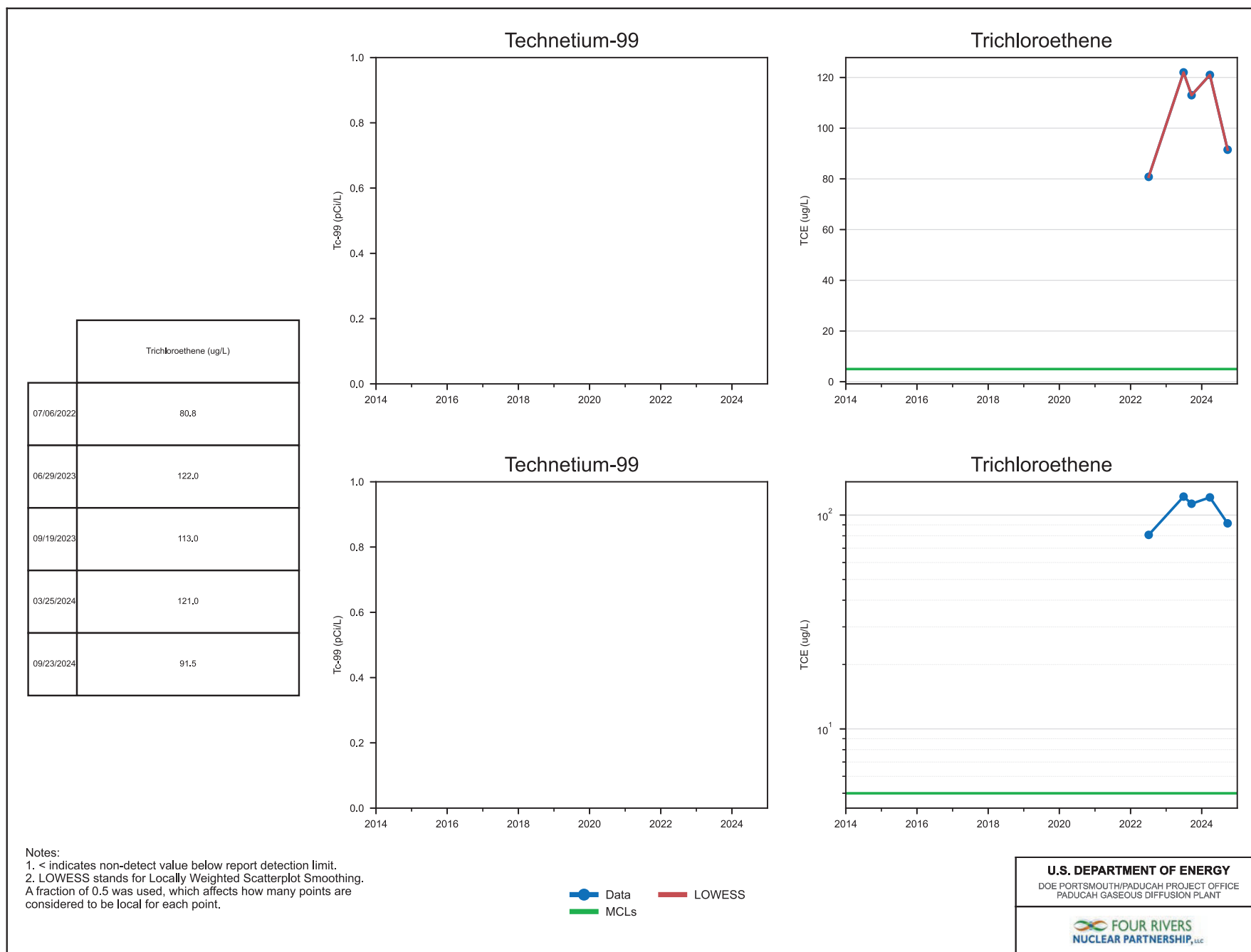


Figure 278. Tc-99 and TCE at MW577 (URGA)

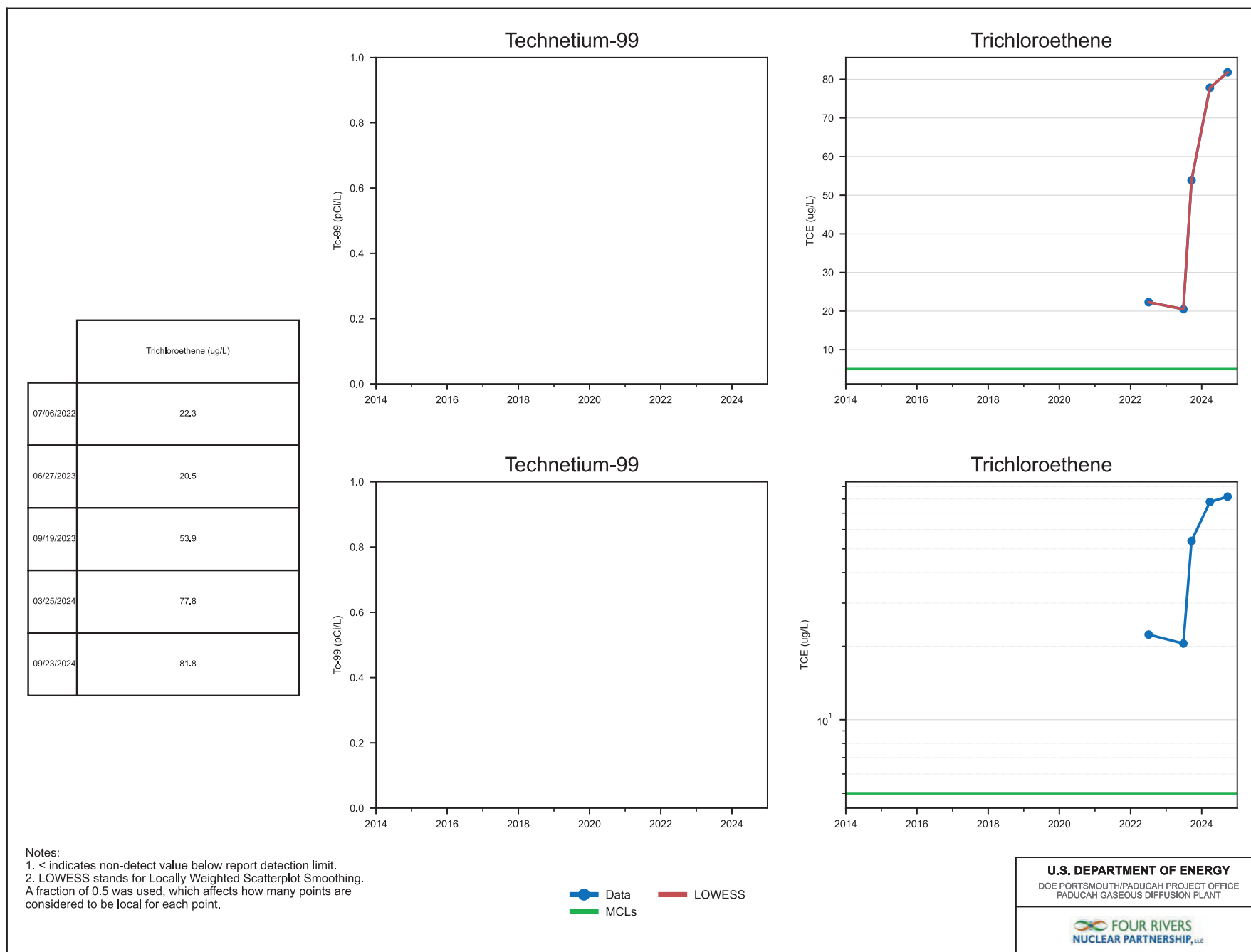


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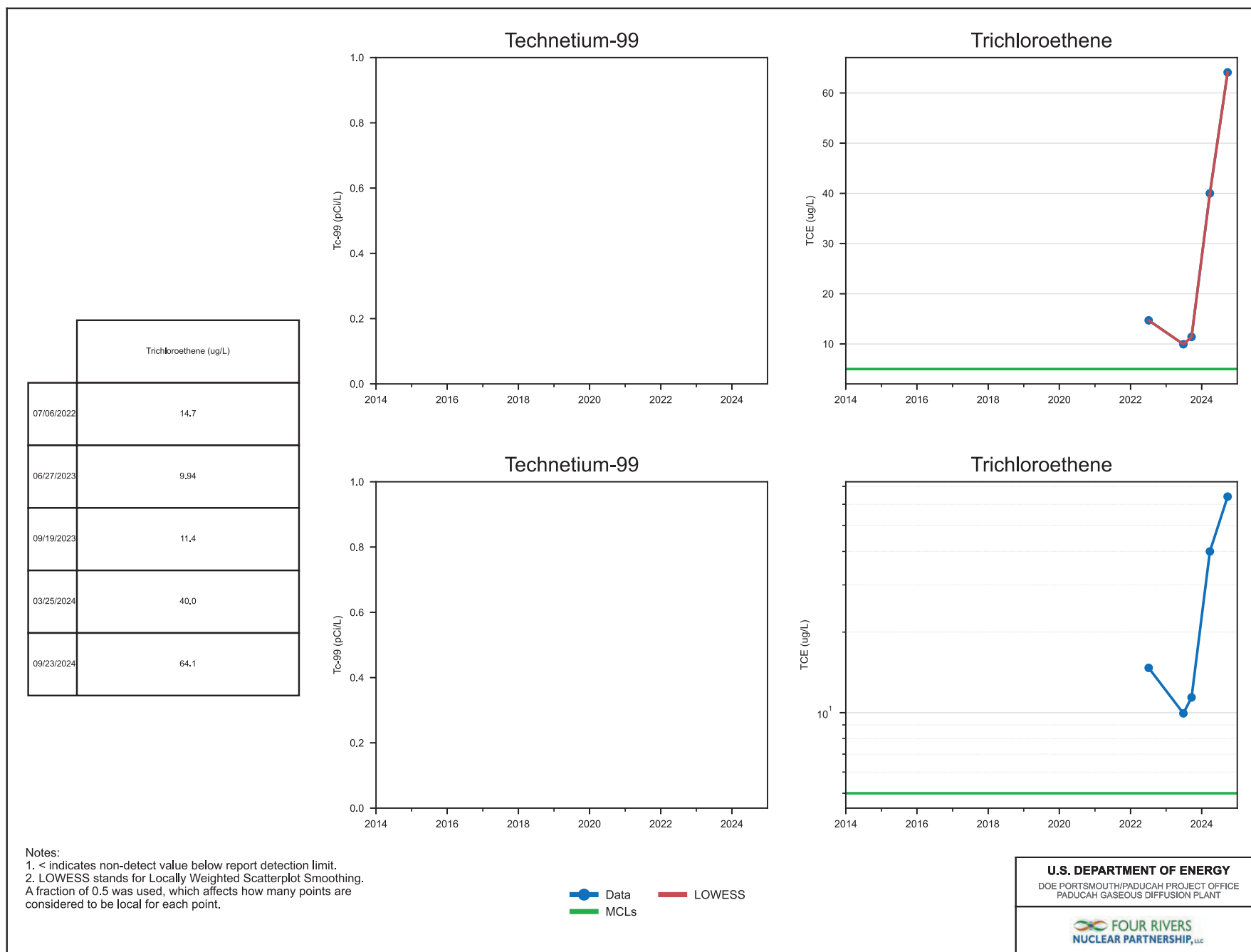
Source: Trend_Plots_V1.ipynb

Figure 279. Tc-99 and TCE at MW578 (MRGA)



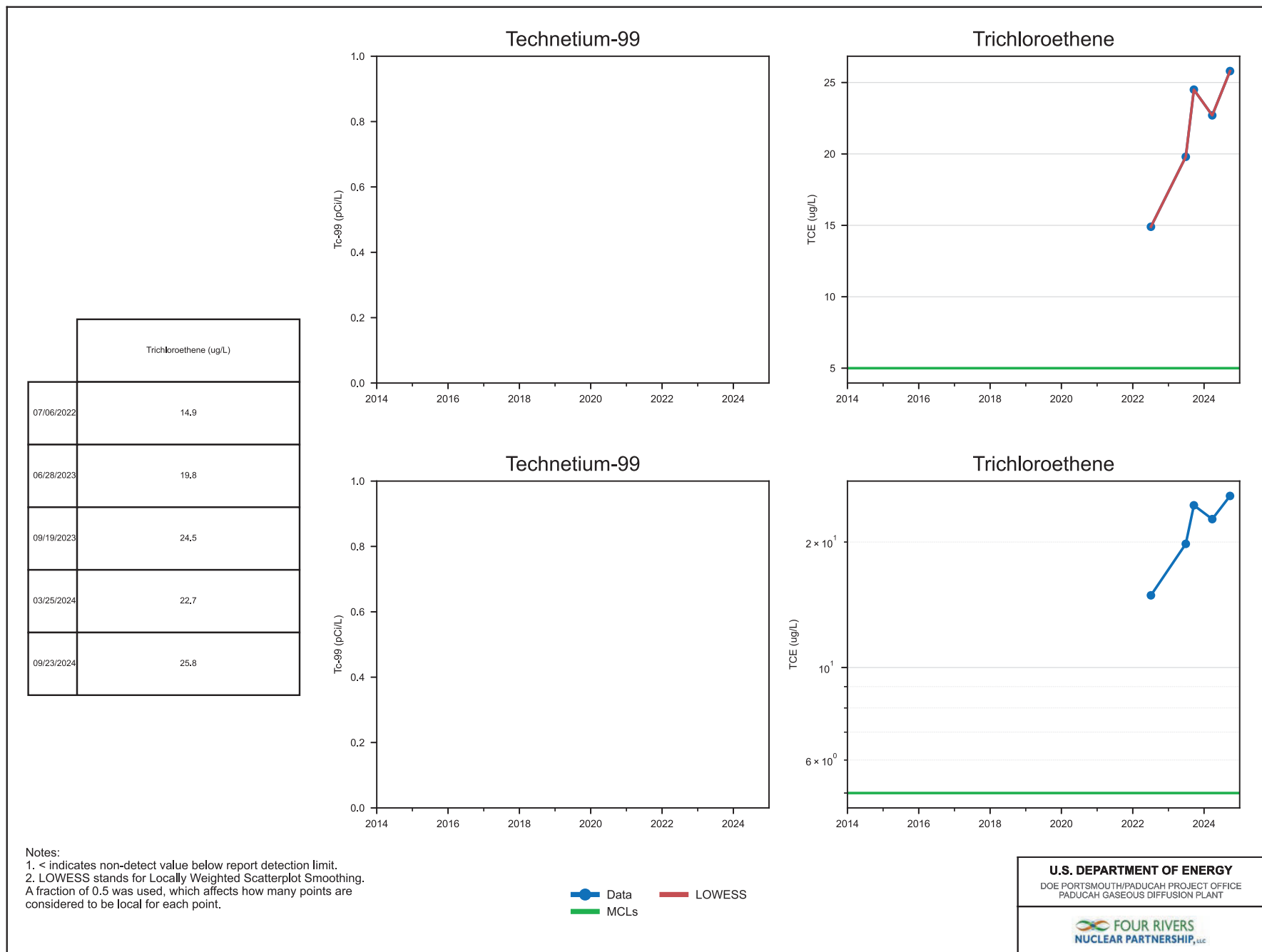
Source: Trend_Plots_V1.ipynb

Figure 280. Tc-99 and TCE at MW579 (URGA)



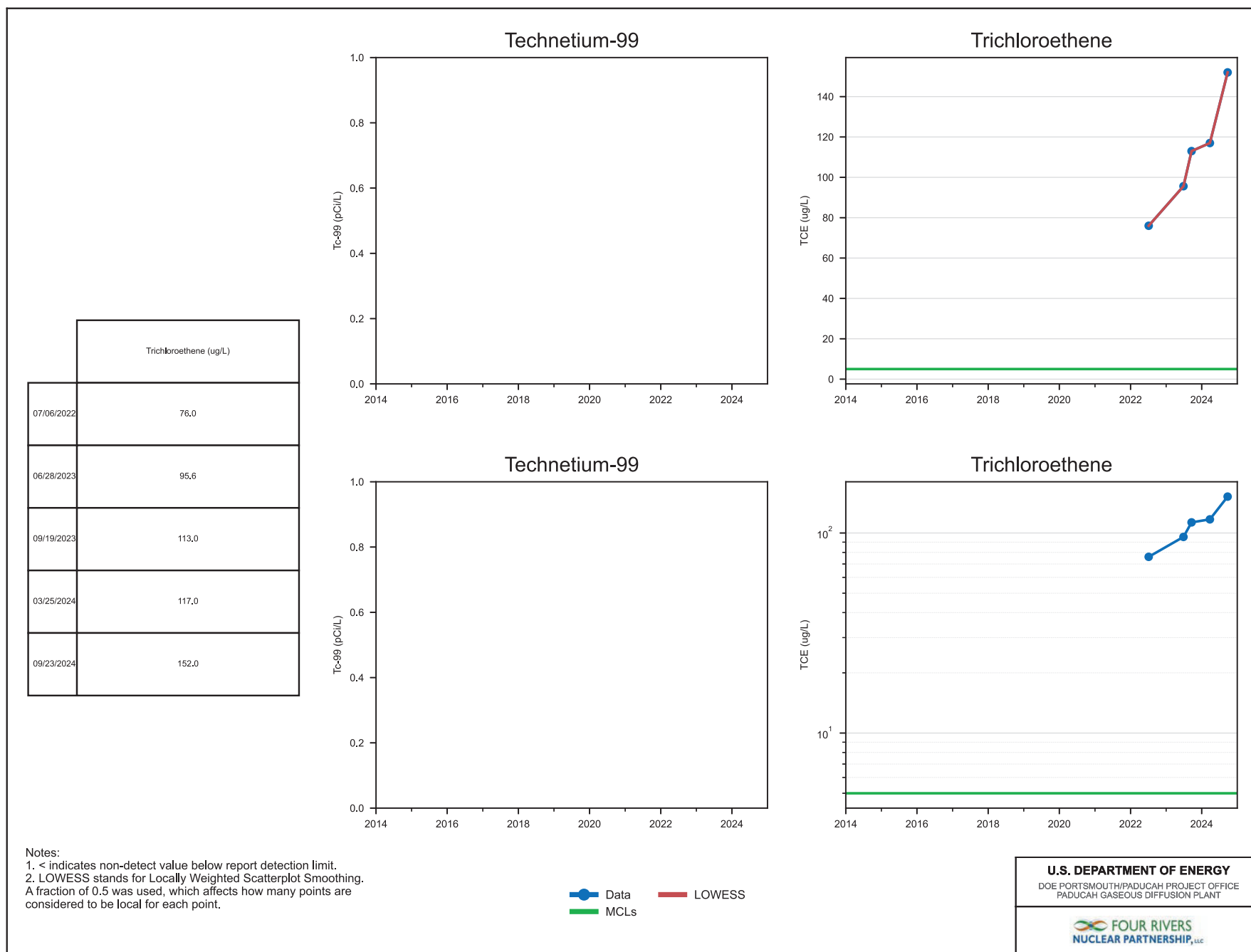
Source: Trend_Plots_V1.ipynb

Figure 281. Tc-99 and TCE at MW580 (MRGA)



Source: Trend_Plots_V1.ipynb

Figure 282. Tc-99 and TCE at MW581 (URGA)

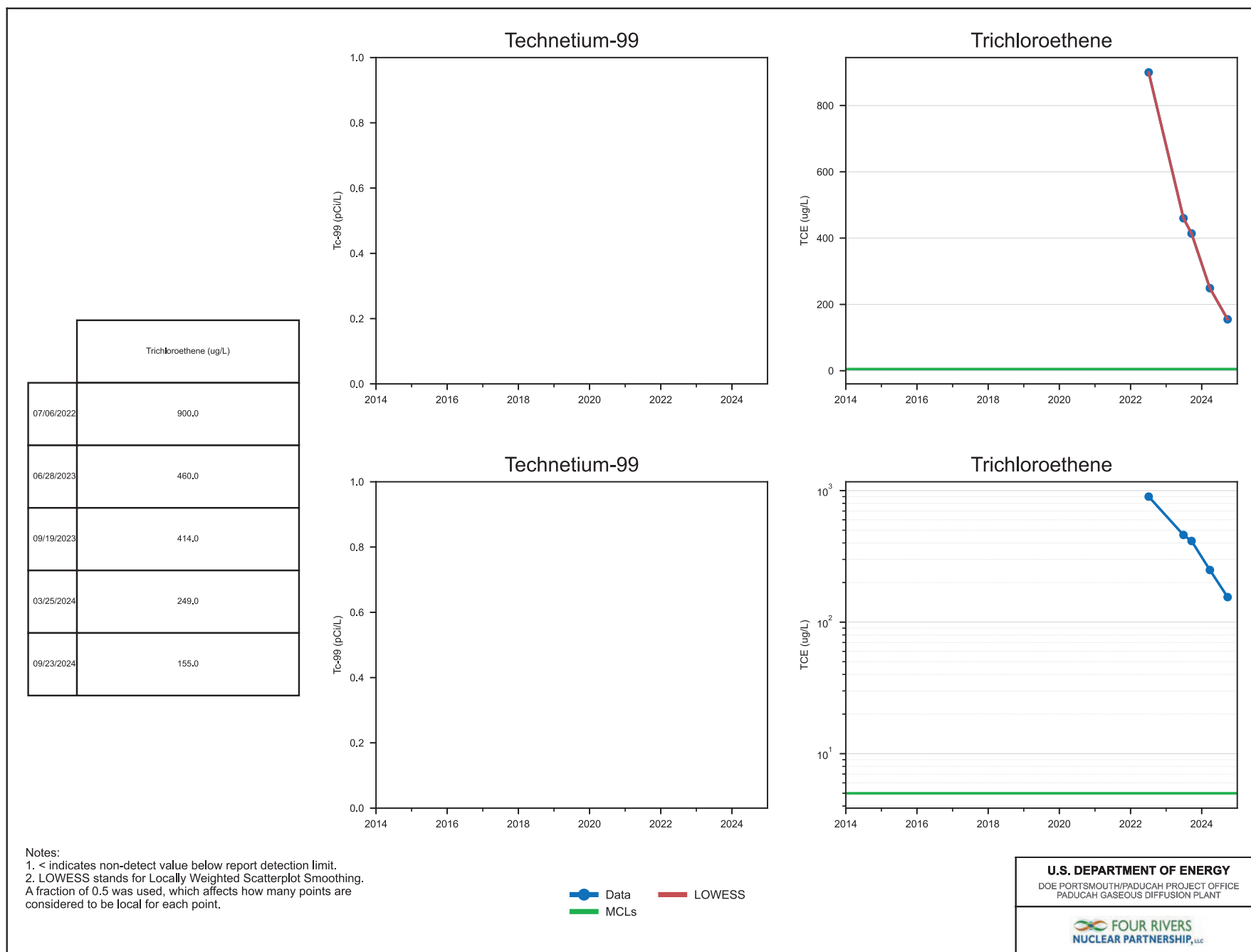


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Source: Trend_Plots_V1.ipynb

Figure 283. Tc-99 and TCE at MW582 (URGA)



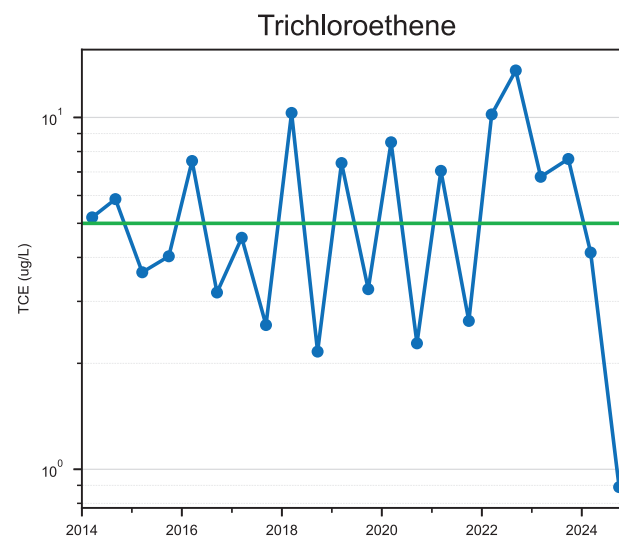
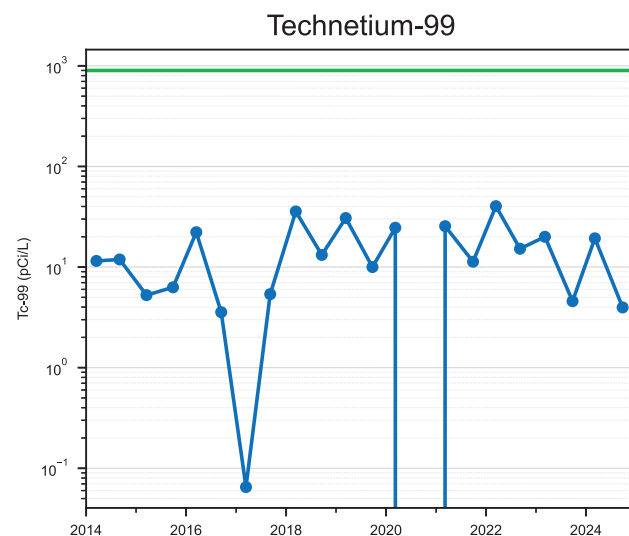
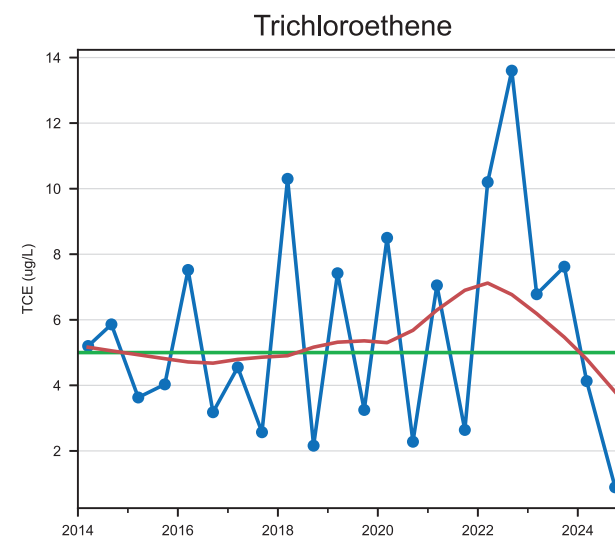
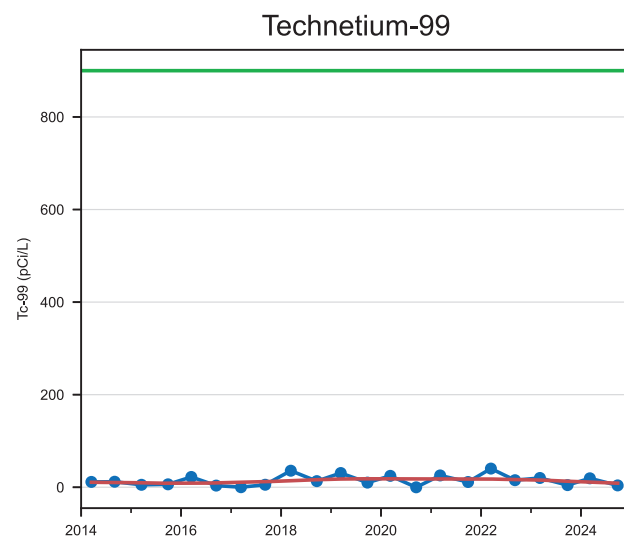
Source: Trend_Plots_V1.ipynb

Figure 284. Tc-99 and TCE at MW586 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/17/2014	< 11.5	5.2
09/03/2014	< 11.9	5.86
03/18/2015	< 5.26	3.63
09/28/2015	< 6.29	4.03
03/16/2016	22.2	7.52
09/14/2016	< 3.56	3.18
03/14/2017	< 0.065	4.55
09/07/2017	< 5.38	2.57
03/13/2018	35.7	10.3
09/19/2018	< 13.2	2.16
03/13/2019	30.7	7.42
09/24/2019	< 10.0	3.25
03/09/2020	24.6	8.5
09/14/2020	< -0.133	2.28
03/08/2021	25.5	7.05
09/28/2021	< 11.3	2.64
03/14/2022	40.3	10.2
09/06/2022	15.2	13.6
03/07/2023	20.0	6.78
09/25/2023	< 4.58	7.62
03/06/2024	19.3	4.13
09/25/2024	< 3.97	
09/30/2024		0.89

Notes:

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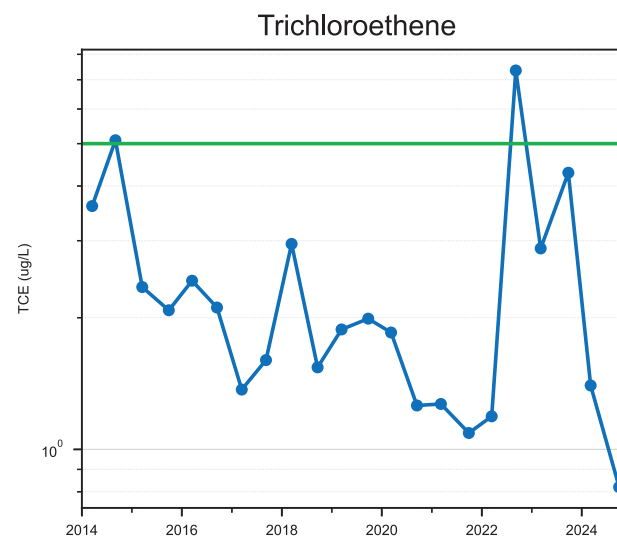
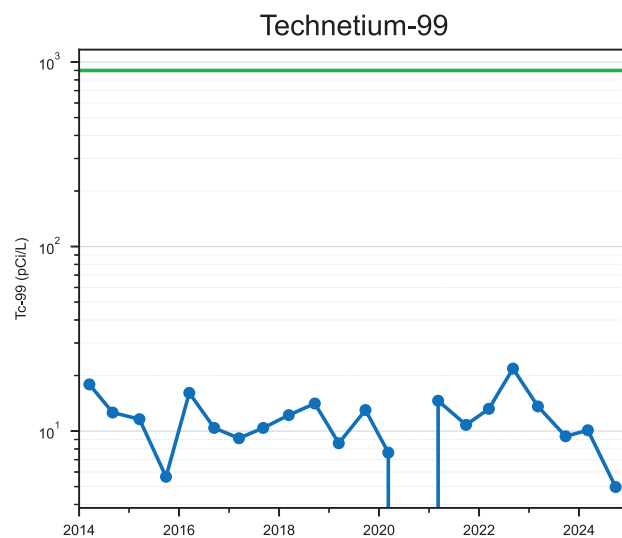
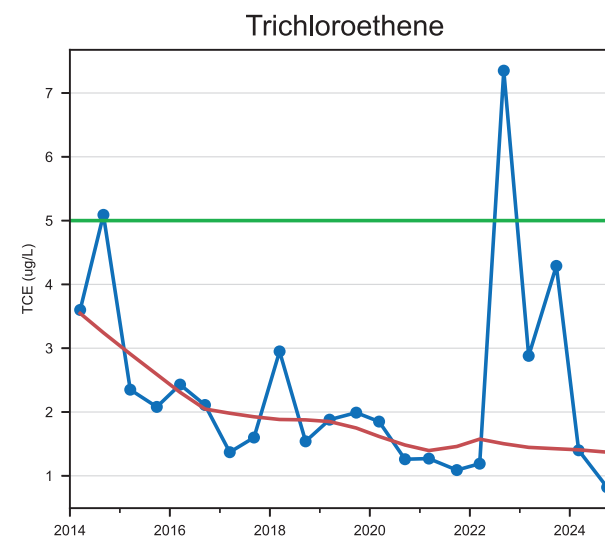
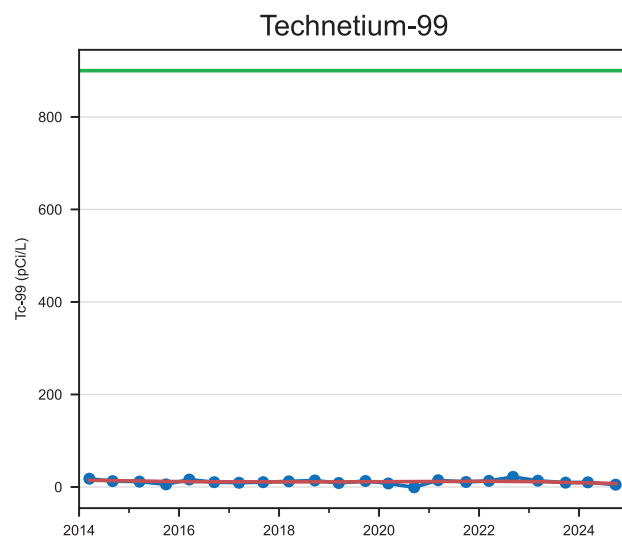

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Figure 285. Tc-99 and TCE at MW63 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/17/2014	17.9	3.6
09/03/2014	< 12.6	5.09
03/18/2015	< 11.6	2.35
09/28/2015	< 5.65	2.08
03/16/2016	< 16.1	2.43
09/14/2016	< 10.4	2.11
03/14/2017	< 9.14	1.37
09/07/2017	< 10.4	1.6
03/13/2018	< 12.2	2.95
09/19/2018	< 14.1	1.54
03/13/2019	< 8.59	1.88
09/24/2019	< 13.0	1.99
03/09/2020	< 7.64	1.85
09/14/2020	< 0.67	1.26
03/08/2021	14.6	1.27
09/28/2021	< 10.8	1.09
03/14/2022	< 13.2	1.19
09/06/2022	21.8	7.35
03/07/2023	< 13.6	2.88
09/25/2023	< 9.37	4.29
03/06/2024	< 10.1	1.4
09/25/2024	< 4.97	
09/30/2024		0.82

Notes:

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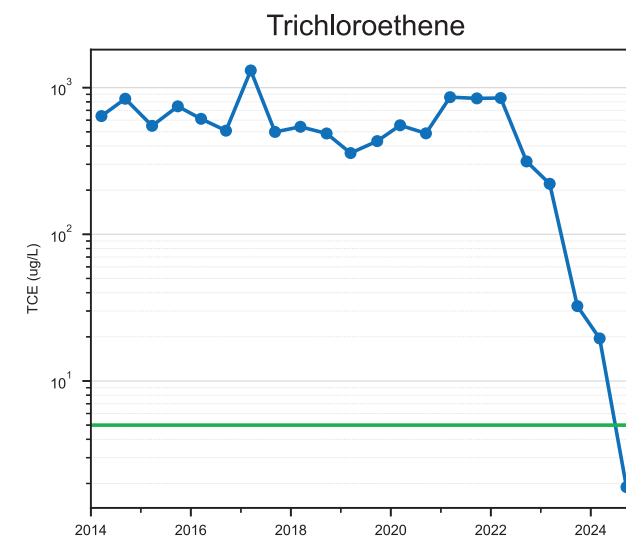
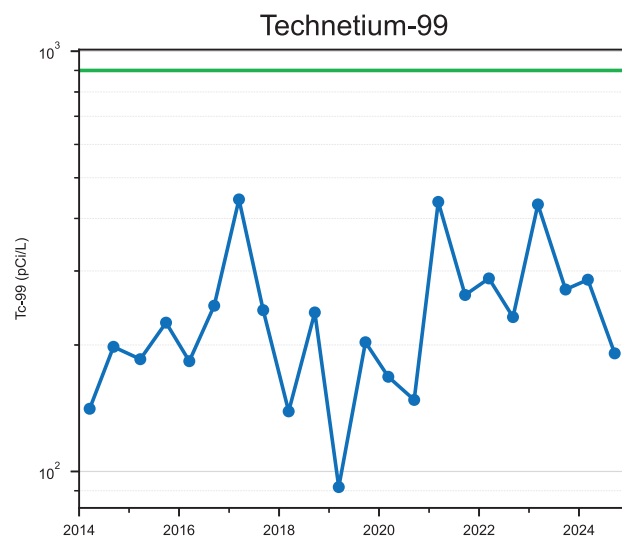
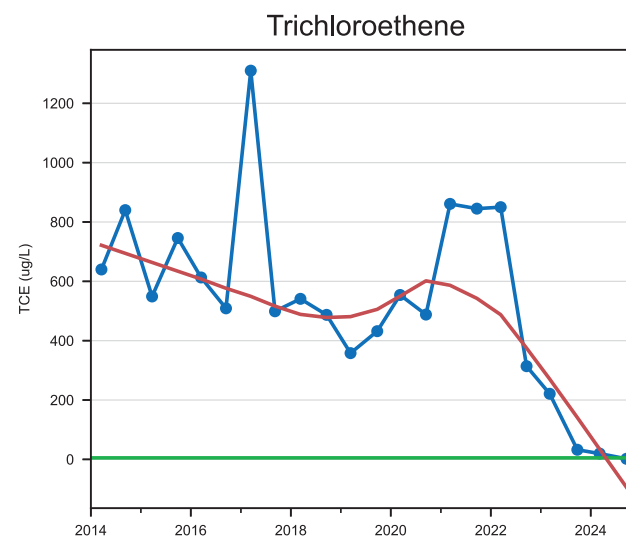
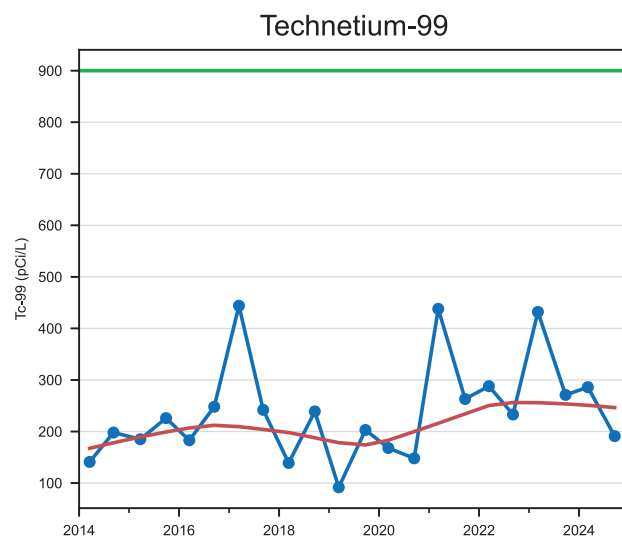
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Figure 286. Tc-99 and TCE at MW65 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/19/2014	141.0	640.0
09/09/2014	198.0	840.0
03/24/2015	185.0	549.0
09/28/2015	226.0	746.0
03/16/2016	183.0	613.0
09/14/2016	248.0	509.0
03/14/2017	444.0	1310.0
09/07/2017	242.0	499.0
03/12/2018	139.0	541.0
09/19/2018	239.0	487.0
03/13/2019	91.8	358.0
09/24/2019	203.0	432.0
03/09/2020	168.0	554.0
09/14/2020	148.0	488.0
03/09/2021	438.0	861.0
09/21/2021	263.0	845.0
03/14/2022	288.0	850.0
09/06/2022	233.0	
09/19/2022		314.0
03/07/2023	432.0	221.0
09/25/2023	271.0	32.4
03/06/2024	286.0	19.5
09/18/2024	191.0	1.89

Notes:

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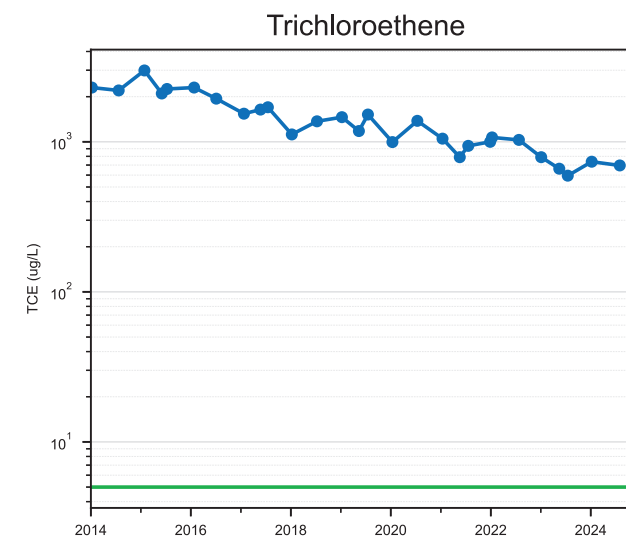
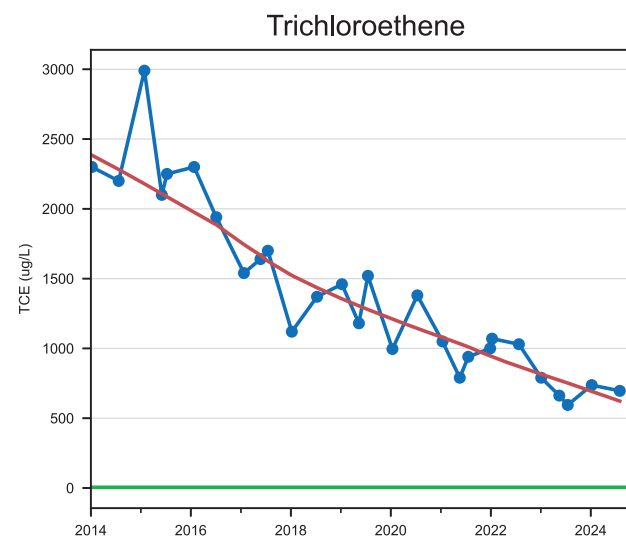
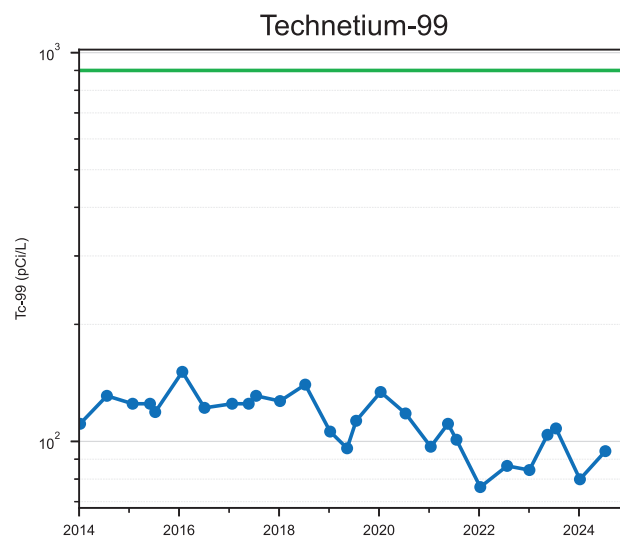
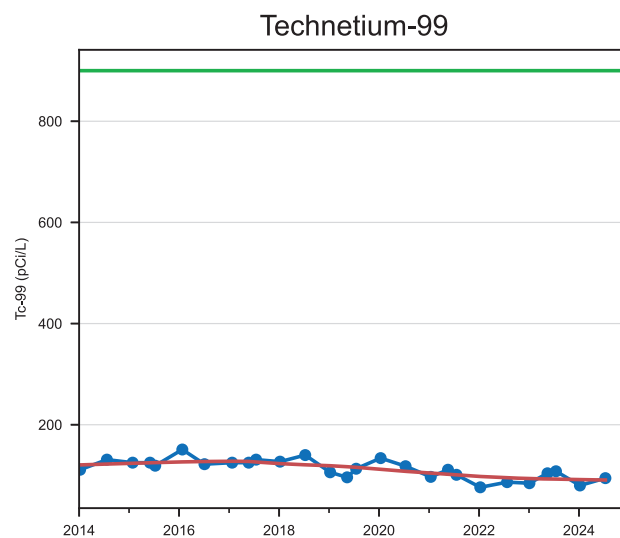
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Figure 287. Tc-99 and TCE at MW66 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/08/2014	111.0	2300.0
07/23/2014	131.0	2200.0
01/27/2015	125.0	2990.0
06/03/2015	125.0	2100.0
07/11/2015	119.0	2250.0
01/25/2016	151.0	2300.0
07/05/2016	122.0	1940.0
01/23/2017	125.0	1540.0
05/24/2017	125.0	1640.0
07/17/2017	131.0	1700.0
01/08/2018	127.0	1120.0
07/11/2018	140.0	1370.0
01/09/2019	106.0	1460.0
05/13/2019	96.0	1180.0
07/18/2019	113.0	1520.0
01/13/2020	134.0	996.0
07/13/2020	118.0	1380.0
01/13/2021	96.9	1050.0
05/19/2021	111.0	790.0
07/20/2021	101.0	940.0
12/27/2021		1000.0
01/10/2022	76.3	1070.0
07/25/2022	86.5	1030.0
01/04/2023	84.4	790.0
05/16/2023	104.0	662.0
07/17/2023	108.0	595.0
01/08/2024	79.9	737.0
07/12/2024	94.4	
07/31/2024		696.0

Notes:

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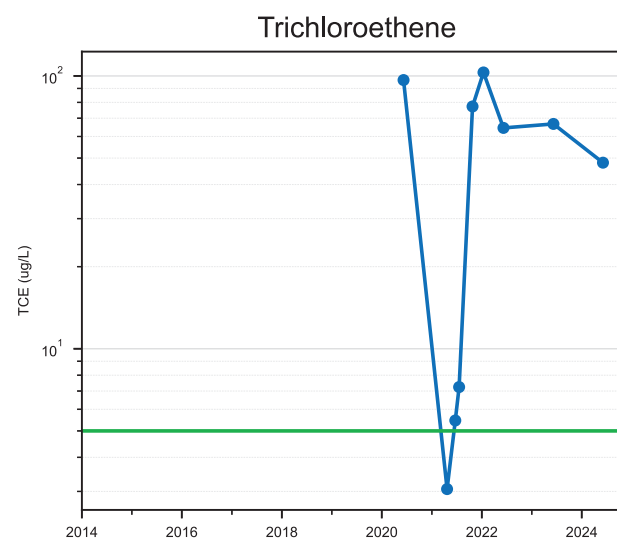
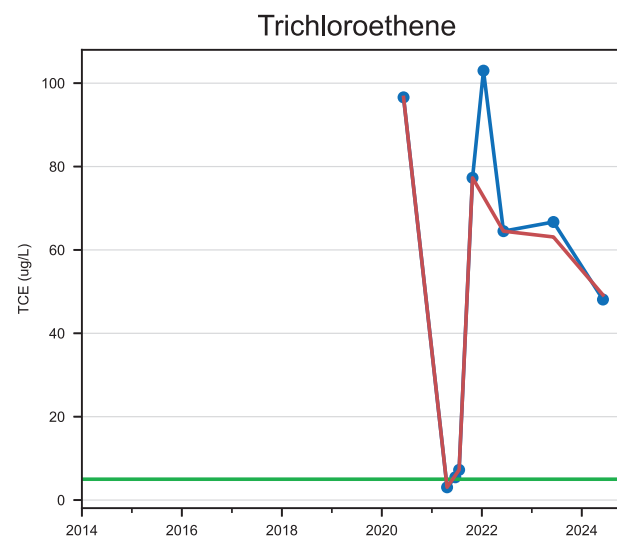
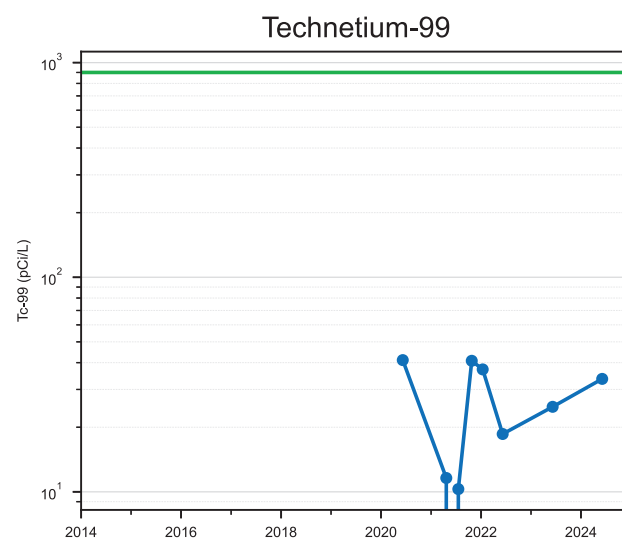
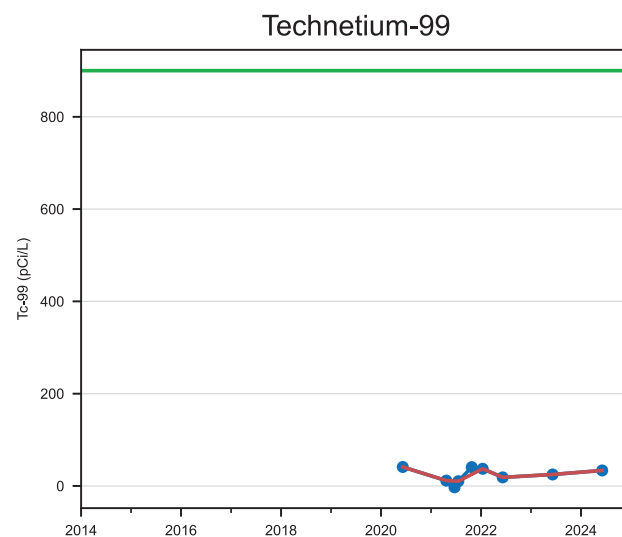

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Figure 288. Tc-99 and TCE at MW67 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
06/08/2020	41.1	96.6
04/22/2021	11.6	3.06
06/21/2021	< -2.91	5.46
07/19/2021	10.3	7.24
10/25/2021	40.8	77.3
01/13/2022	37.2	103.0
06/08/2022	< 18.6	64.5
06/08/2023	24.9	66.7
06/04/2024	33.6	48.1

Notes:

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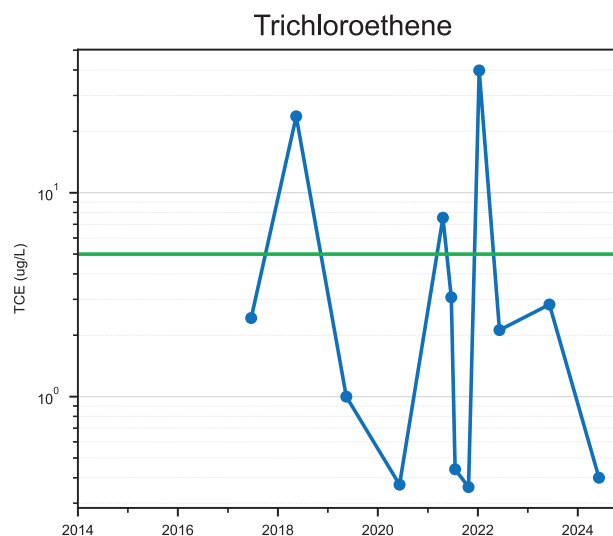
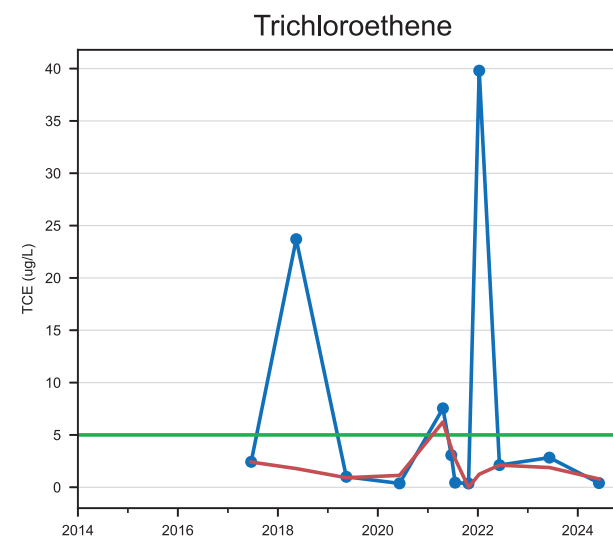
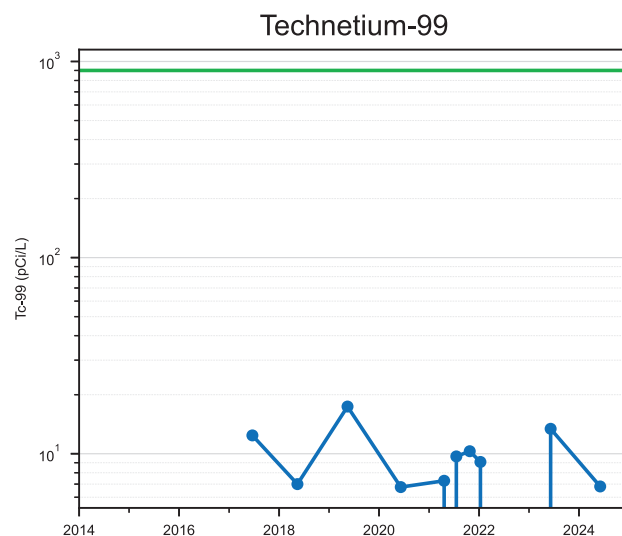
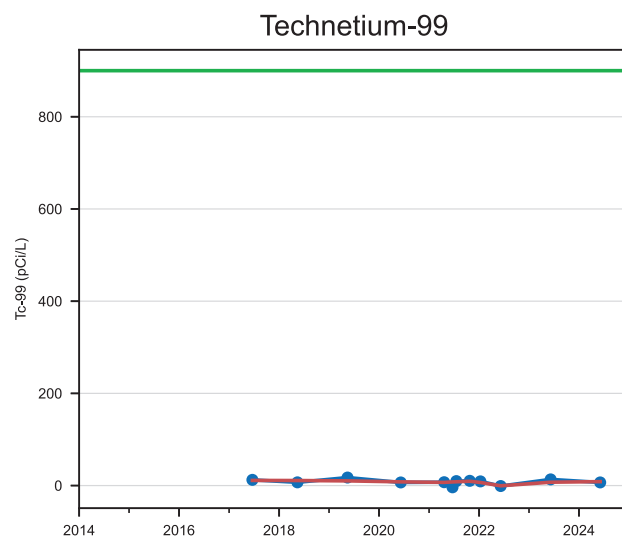
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Figure 289. Tc-99 and TCE at MW68 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
06/20/2017	< 12.4	2.43
05/15/2018	< 7.0	23.7
05/16/2019	< 17.4	< 1.0
06/08/2020	< 6.76	0.37
04/21/2021	7.28	7.54
06/21/2021	< 3.75	3.07
07/19/2021	9.69	0.44
10/25/2021	10.3	0.36
01/11/2022	9.08	39.8
06/08/2022	< 1.01	2.12
06/08/2023	< 13.4	2.83
06/04/2024	< 6.81	0.4

Notes:

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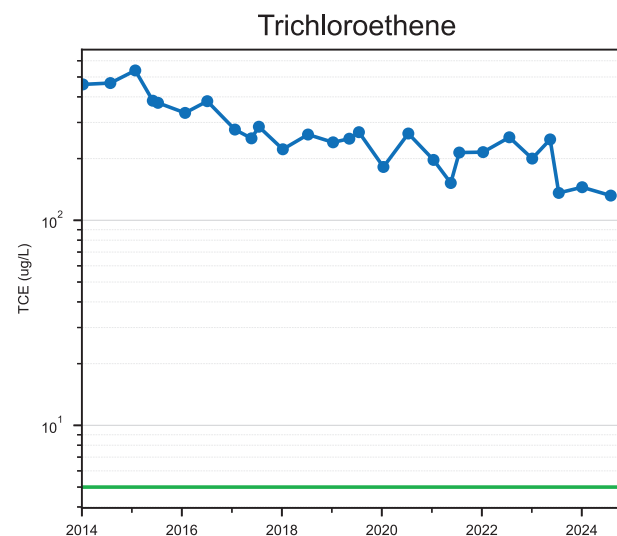
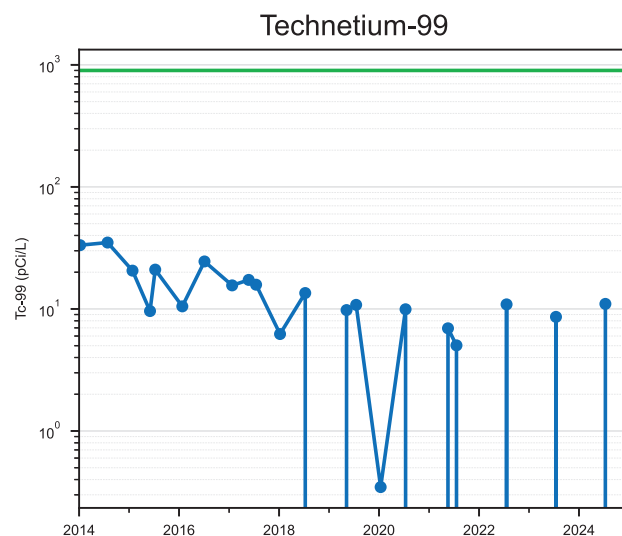
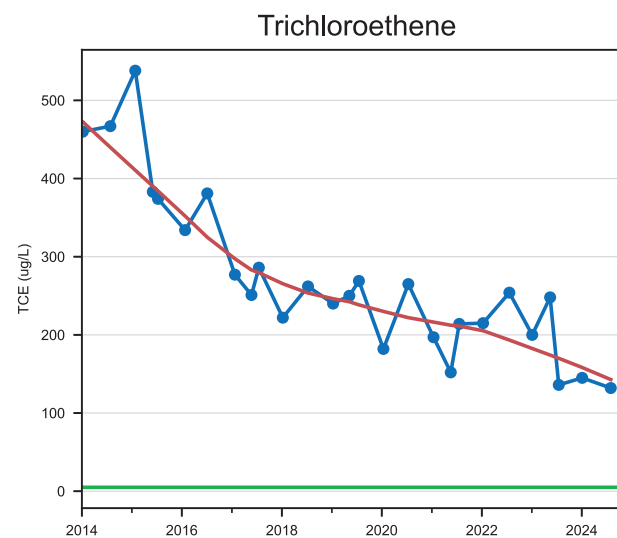
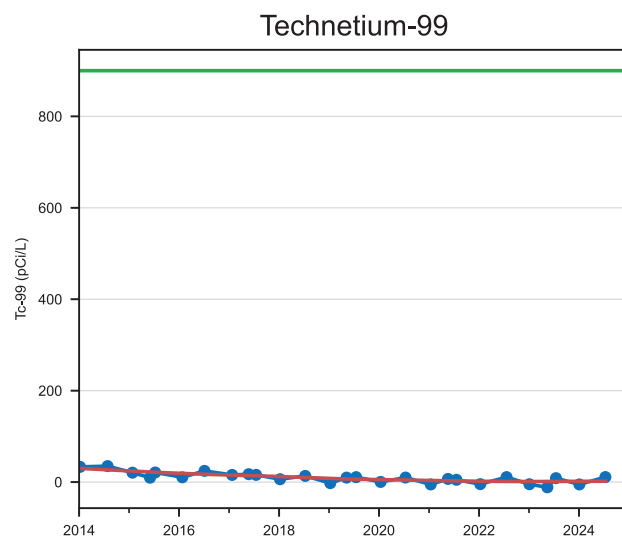
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Figure 290. Tc-99 and TCE at MW71 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/08/2014	33.3	460.0
07/28/2014	35.0	467.0
01/26/2015	20.6	538.0
06/03/2015	< 9.61	383.0
07/11/2015	21.0	374.0
01/25/2016	< 10.5	334.0
07/05/2016	24.5	381.0
01/23/2017	< 15.6	277.0
05/24/2017	< 17.3	251.0
07/17/2017	< 15.8	286.0
01/08/2018	< 6.23	222.0
07/11/2018	< 13.5	262.0
01/10/2019	< -2.25	240.0
05/09/2019	< 9.79	250.0
07/18/2019	< 10.8	269.0
01/13/2020	< 0.347	182.0
07/13/2020	< 9.94	265.0
01/13/2021	< -5.15	197.0
05/19/2021	< 6.94	152.0
07/20/2021	< 5.03	214.0
01/10/2022	< -4.51	215.0
07/21/2022	< 10.9	254.0
01/04/2023	< -4.69	200.0
05/15/2023	< -11.4	248.0
07/17/2023	< 8.61	136.0
01/04/2024	< -5.12	145.0
07/12/2024	< 11.0	
07/31/2024		132.0

Notes:

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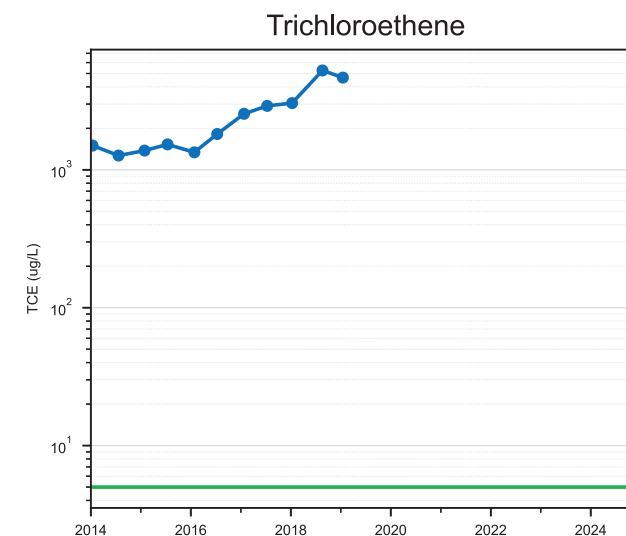
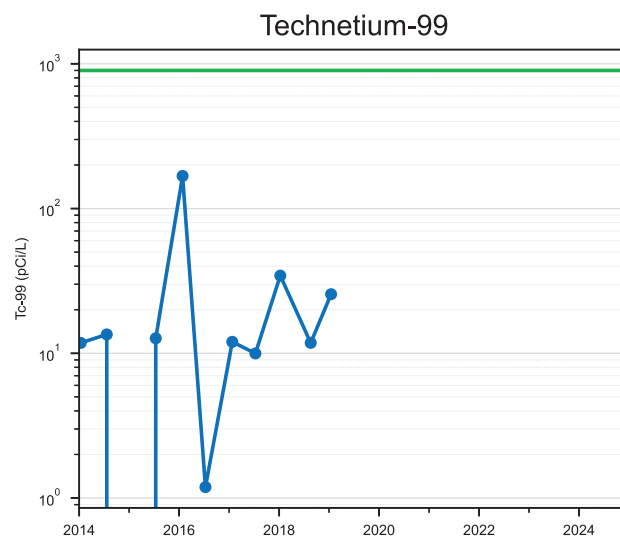
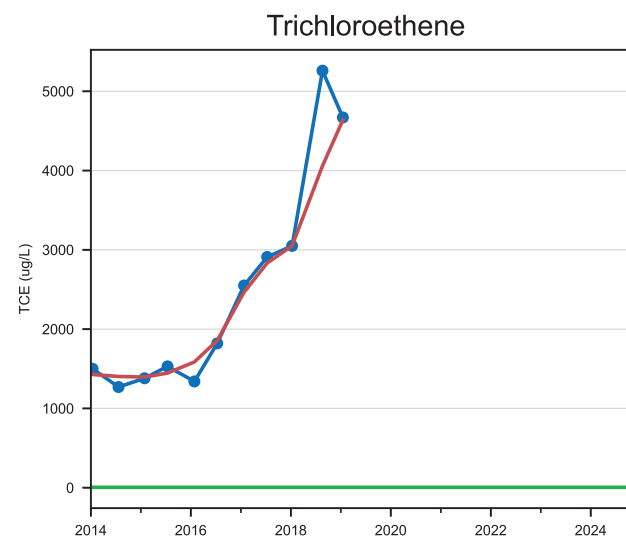
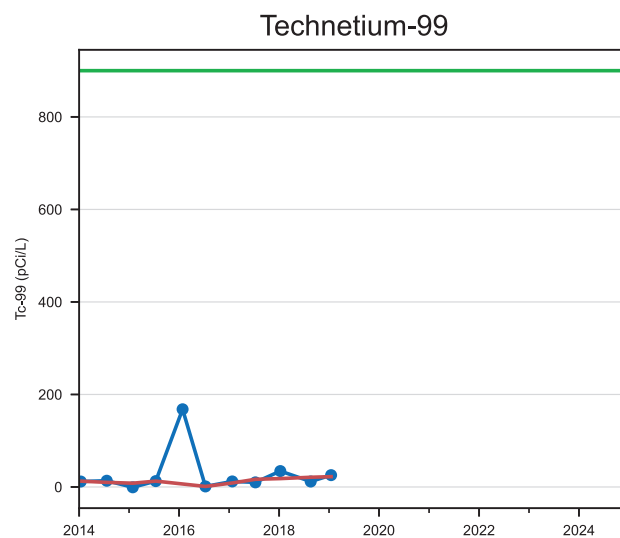

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Figure 291. Tc-99 and TCE at MW76 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/13/2014	< 11.8	1500.0
07/22/2014	< 13.5	1270.0
01/28/2015	< -0.685	1380.0
07/15/2015	< 12.7	1530.0
01/27/2016	168.0	1340.0
07/12/2016	< 1.19	1820.0
01/24/2017	< 12.0	2550.0
07/12/2017	< 9.98	2910.0
01/10/2018	34.4	3050.0
08/20/2018	< 11.8	5260.0
01/16/2019	25.6	4670.0

Notes:

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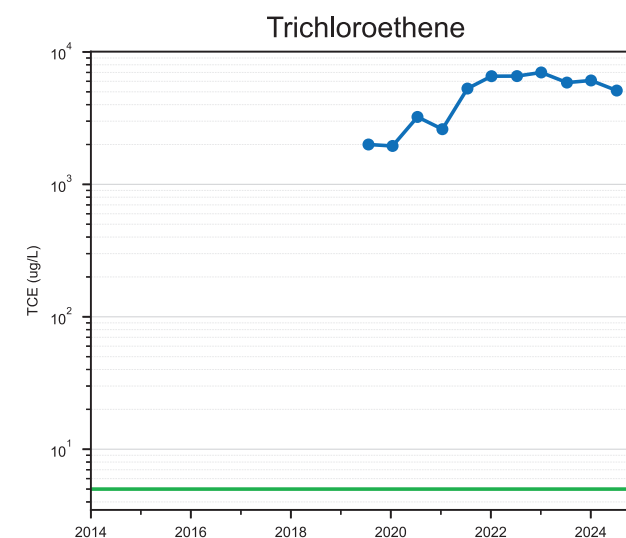
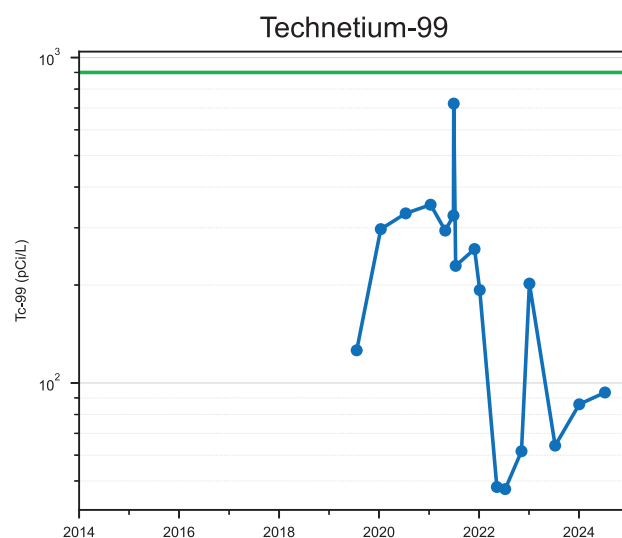
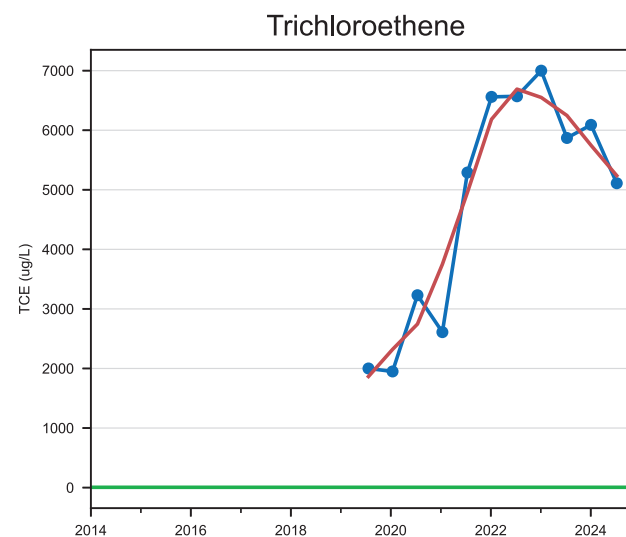
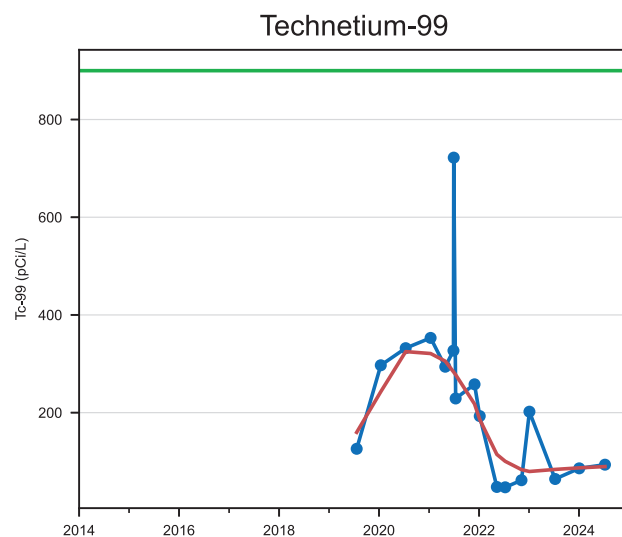
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Figure 292. Tc-99 and TCE at MW84 (RGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
07/22/2019	126.0	2000.0
01/14/2020	297.0	1950.0
07/14/2020	332.0	3230.0
01/12/2021	353.0	2610.0
04/29/2021	294.0	
06/28/2021	327.0	
06/30/2021	722.0	
07/14/2021	229.0	5290.0
11/29/2021	258.0	
01/06/2022	193.0	6560.0
05/11/2022	47.9	
07/11/2022	47.2	6570.0
11/07/2022	61.7	
01/04/2023	202.0	7000.0
07/11/2023	64.2	5870.0
01/03/2024	86.0	6090.0
07/09/2024	93.5	5110.0

Notes:

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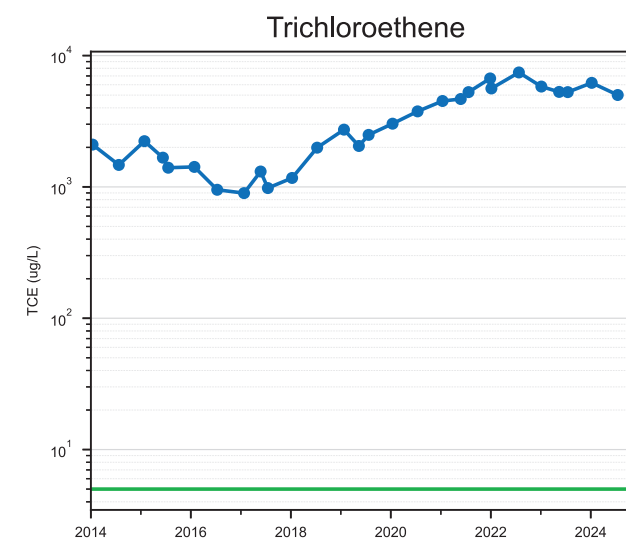
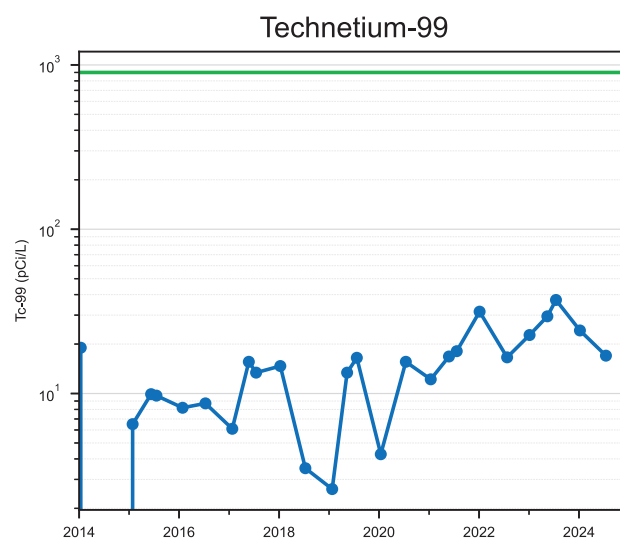
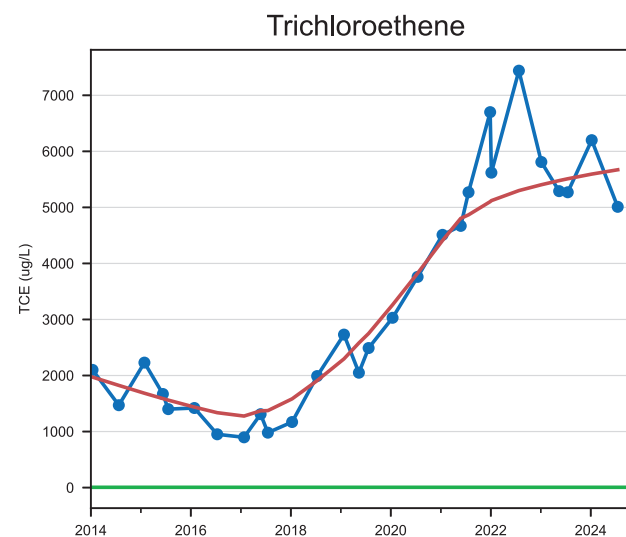
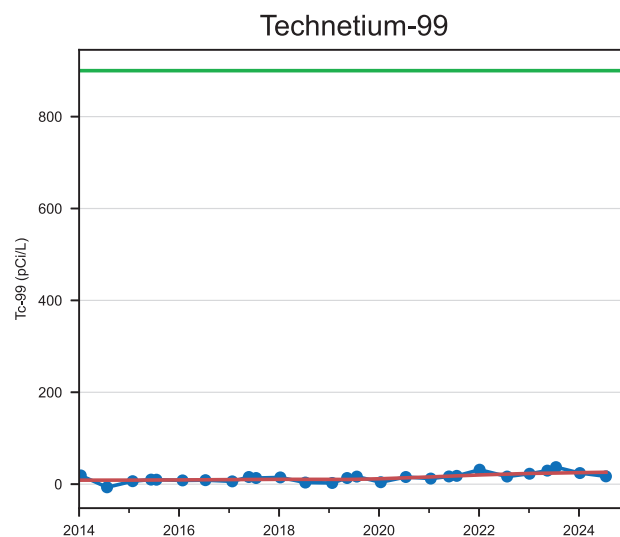
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Figure 293. Tc-99 and TCE at MW84A (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/13/2014	19.0	2100.0
07/24/2014	< 4.8	1470.0
01/27/2015	< 6.51	2230.0
06/11/2015	< 9.91	1670.0
07/20/2015	< 9.71	1400.0
01/27/2016	< 8.19	1420.0
07/12/2016	< 8.71	951.0
01/24/2017	< 6.1	897.0
05/25/2017	< 15.6	1310.0
07/17/2017	< 13.4	980.0
01/10/2018	< 14.7	1170.0
07/12/2018	< 3.51	1990.0
01/24/2019	< 2.62	2730.0
05/13/2019	< 13.4	2050.0
07/23/2019	< 16.5	2490.0
01/14/2020	< 4.27	3030.0
07/15/2020	< 15.6	3760.0
01/13/2021	< 12.2	4510.0
05/28/2021	< 16.8	4670.0
07/22/2021	18.1	5270.0
12/27/2021		6700.0
01/05/2022	31.5	5620.0
07/25/2022	< 16.6	7440.0
01/05/2023	22.7	5810.0
05/15/2023	29.5	5290.0
07/17/2023	37.1	5270.0
01/08/2024	24.2	6200.0
07/16/2024	< 17.0	5010.0

Notes:

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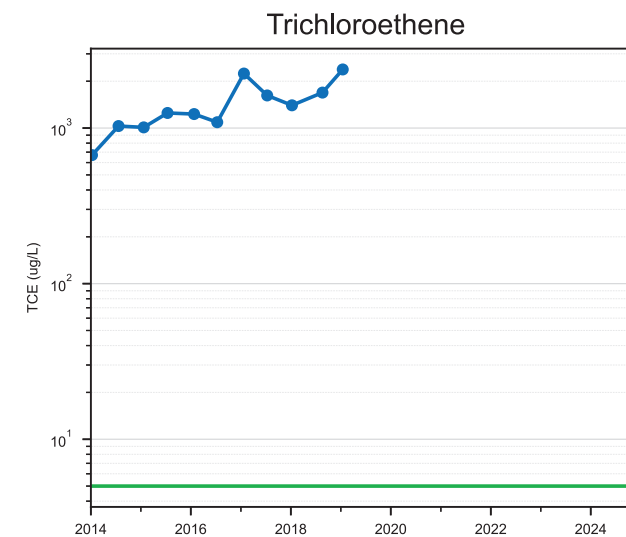
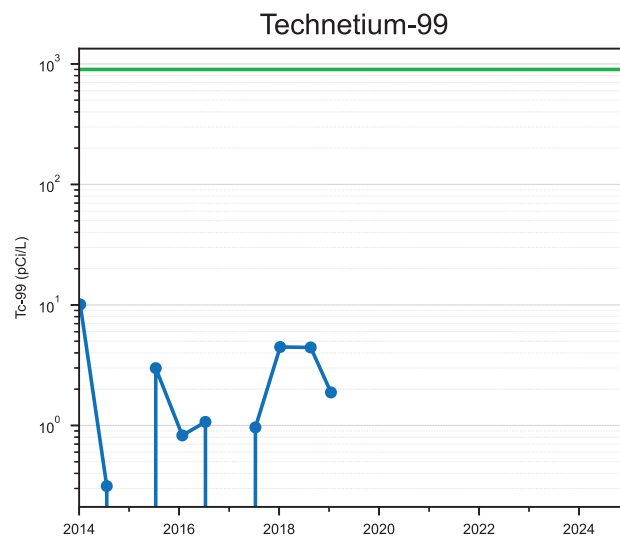
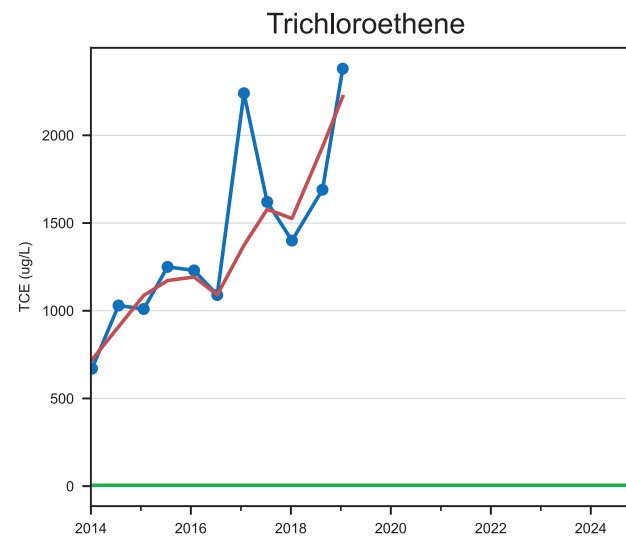
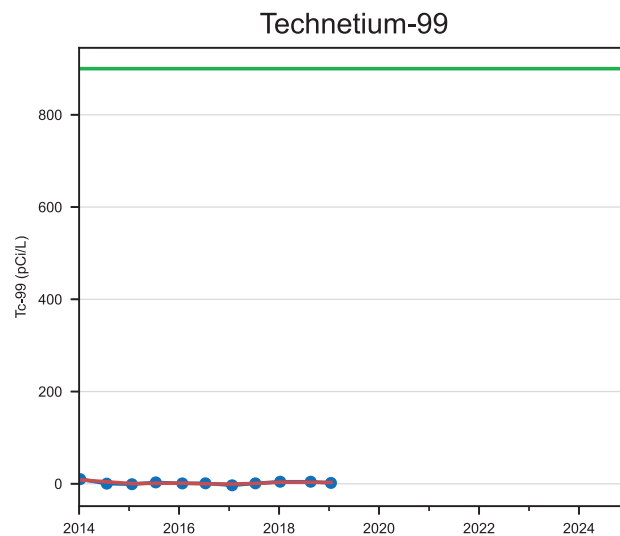
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Figure 294. Tc-99 and TCE at MW86 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/09/2014	< 10.1	670.0
07/22/2014	< 0.314	1030.0
01/22/2015	< -0.928	1010.0
07/15/2015	< 2.99	1250.0
01/25/2016	< 0.827	1230.0
07/12/2016	< 1.07	1090.0
01/23/2017	< -3.27	2240.0
07/12/2017	< 0.964	1620.0
01/09/2018	< 4.48	1400.0
08/20/2018	< 4.44	1690.0
01/15/2019	< 1.88	2380.0

Notes:

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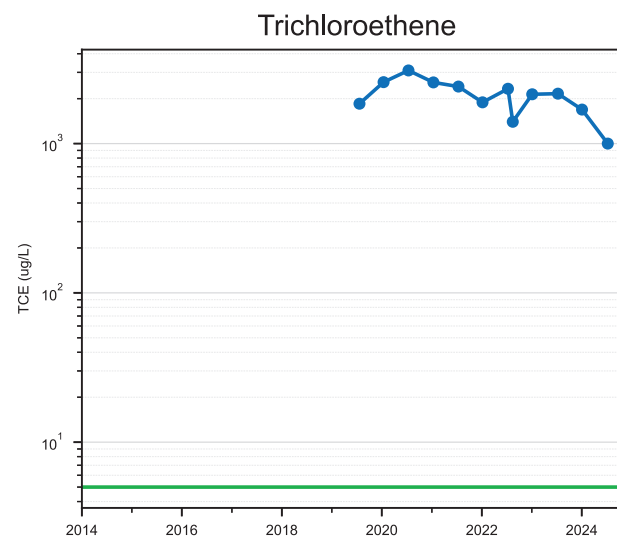
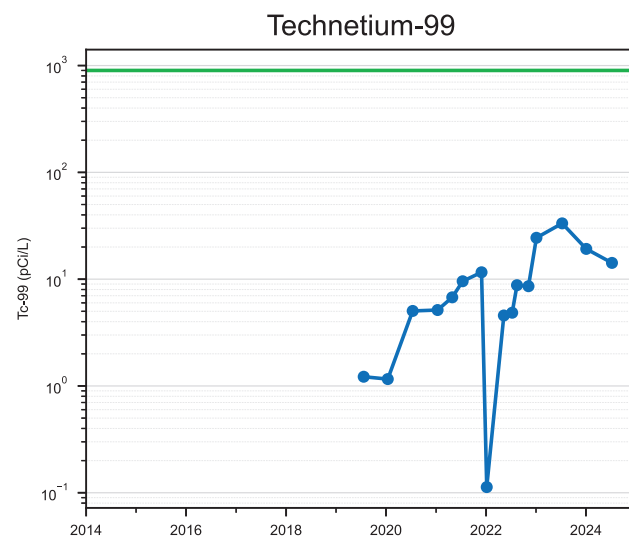
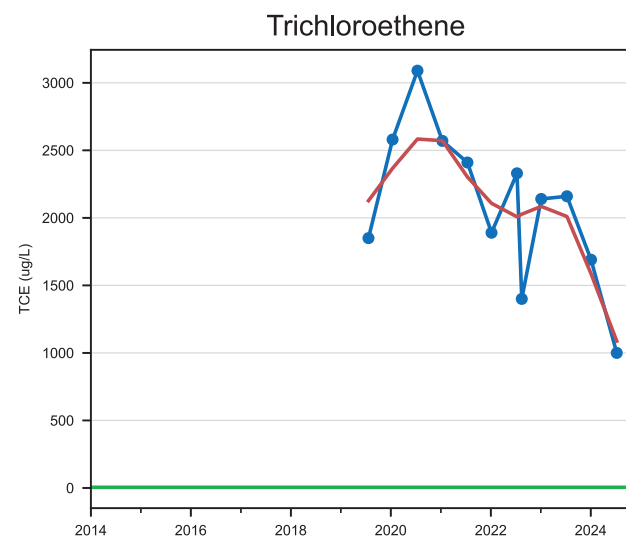
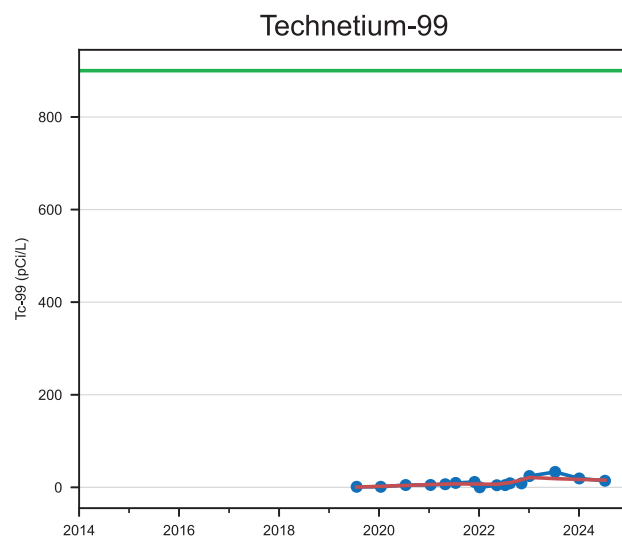
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Figure 295. Tc-99 and TCE at MW87 (RGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
07/22/2019	< 1,22	1850,0
01/14/2020	< 1,16	2580,0
07/14/2020	< 5,04	3090,0
01/12/2021	< 5,14	2570,0
04/29/2021	< 6,76	
07/14/2021	< 9,56	2410,0
11/29/2021	< 11,6	
01/06/2022	< 0,113	1890,0
05/11/2022	< 4,57	
07/11/2022	< 4,85	2330,0
08/15/2022	< 8,78	1400,0
11/07/2022	< 8,59	
01/04/2023	24,4	2140,0
07/11/2023	33,3	2160,0
01/03/2024	19,2	1690,0
07/09/2024	< 14,2	1000,0

Notes:

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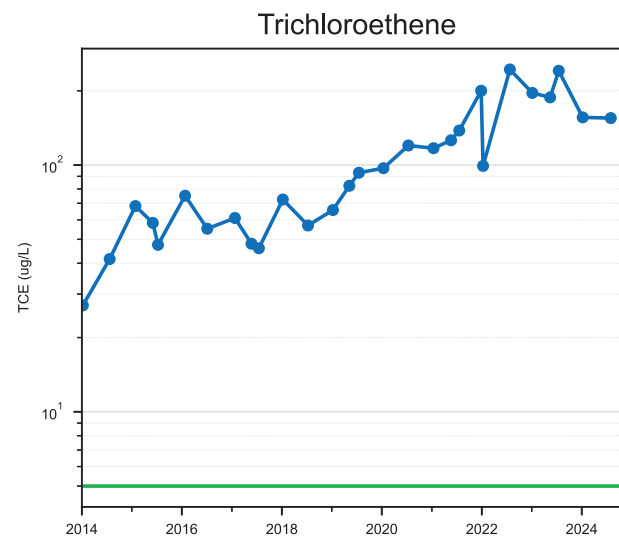
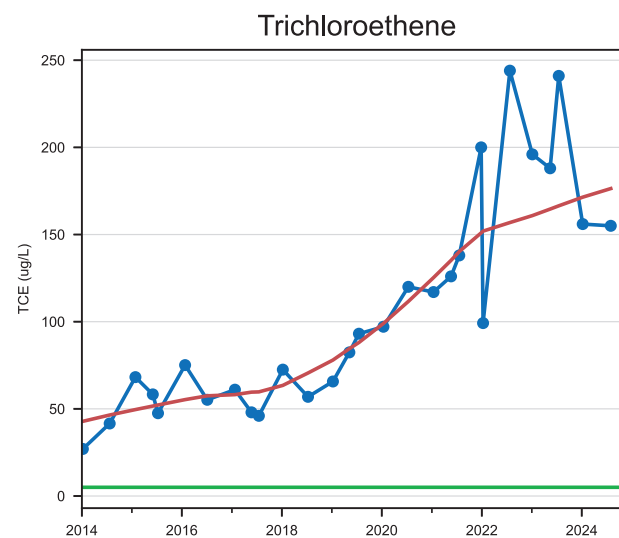
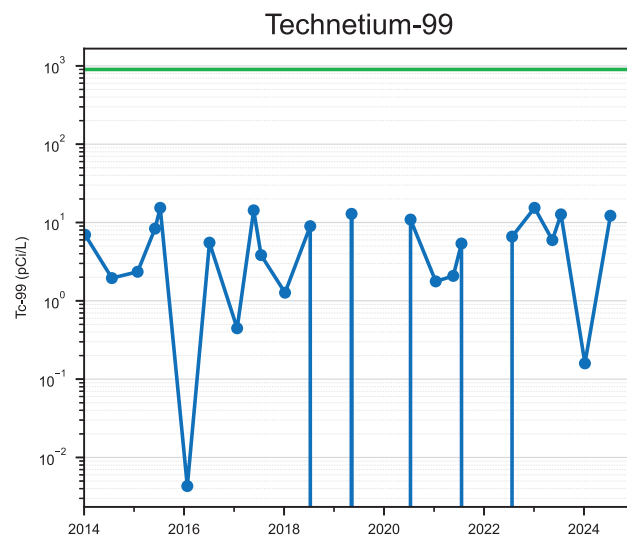
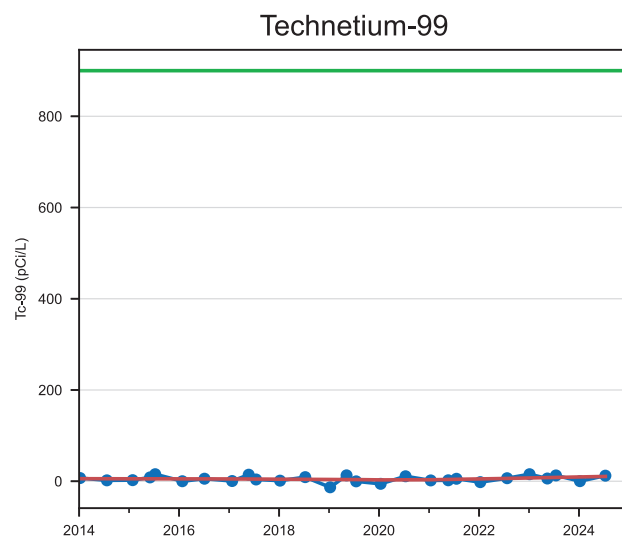
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Figure 296. Tc-99 and TCE at MW87A (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/08/2014	< 6,97	27.0
07/23/2014	< 1,95	41.6
01/27/2015	< 2,35	68.2
06/03/2015	< 8,36	58.3
07/11/2015	< 15,4	47.5
01/25/2016	< 0,00431	75.1
07/05/2016	< 5,53	55.2
01/23/2017	< 0,446	61.0
05/24/2017	< 14,3	48,0
07/17/2017	< 3,83	46,0
01/08/2018	< 1,27	72,5
07/11/2018	< 8,98	56,9
01/09/2019	< -13,3	65,7
05/09/2019	< 12,9	82,4
07/18/2019	< -0,26	93,1
01/13/2020	< -5,7	97,1
07/13/2020	< 10,9	120,0
01/13/2021	< 1,77	117,0
05/21/2021	< 2,08	126,0
07/20/2021	< 5,39	138,0
12/27/2021		200,0
01/10/2022	< -2,0	99,2
07/25/2022	< 6,61	244,0
01/05/2023	< 15,4	196,0
05/15/2023	< 5,96	188,0
07/17/2023	< 12,7	241,0
01/08/2024	< 0,159	156,0
07/12/2024	< 12,2	
07/31/2024		155,0

Notes:

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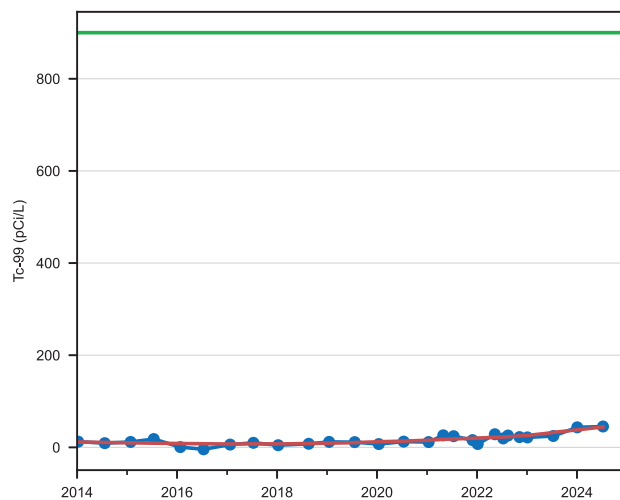
Figure 297. Tc-99 and TCE at MW89 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/09/2014	< 12.4	25.0
07/22/2014	< 9.16	46.2
01/27/2015	< 11.8	37.3
07/15/2015	< 18.1	37.9
01/25/2016	< 0.615	39.8
07/13/2016	< 4.16	35.3
01/23/2017	< 6.05	49.5
07/12/2017	< 9.9	46.1
01/09/2018	< 4.69	40.6
08/20/2018	< 7.78	53.3
01/16/2019	< 11.9	69.9
07/22/2019	< 11.4	55.7
01/14/2020	< 7.15	92.9
07/14/2020	< 12.5	52.0
01/12/2021	< 11.5	99.6
04/29/2021	26.2	
07/14/2021	24.3	148.0
11/29/2021	< 15.7	
01/06/2022	< 7.36	146.0
05/11/2022	28.5	
07/11/2022	< 19.4	231.0
08/15/2022	25.7	222.0
11/07/2022	22.3	
01/04/2023	< 21.6	296.0
07/12/2023	24.7	267.0
01/03/2024	43.5	313.0
07/09/2024	45.3	177.0

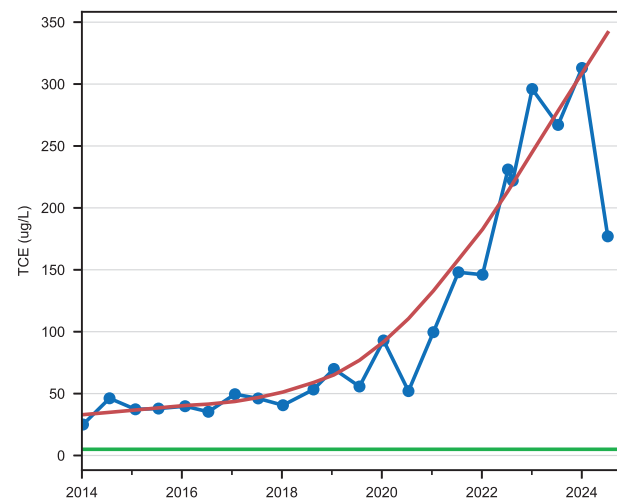
Notes:

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Technetium-99



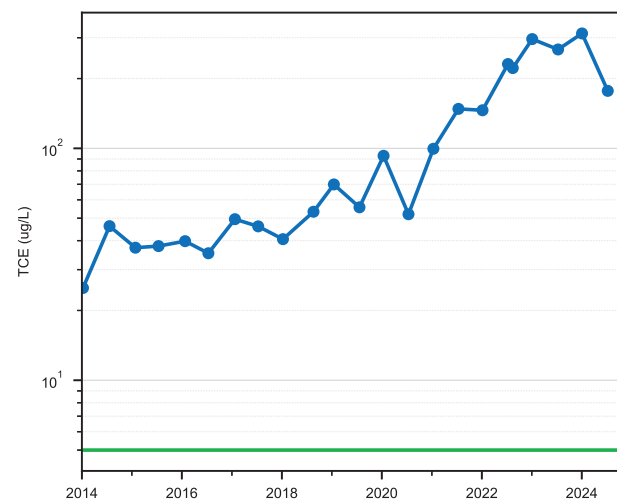
Trichloroethene



Technetium-99



Trichloroethene



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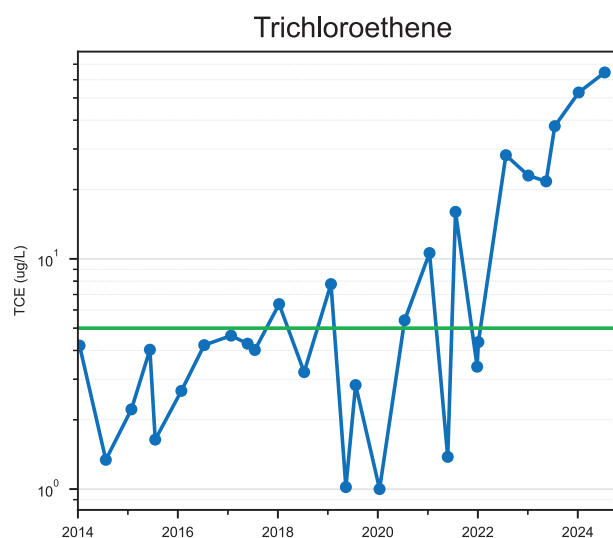
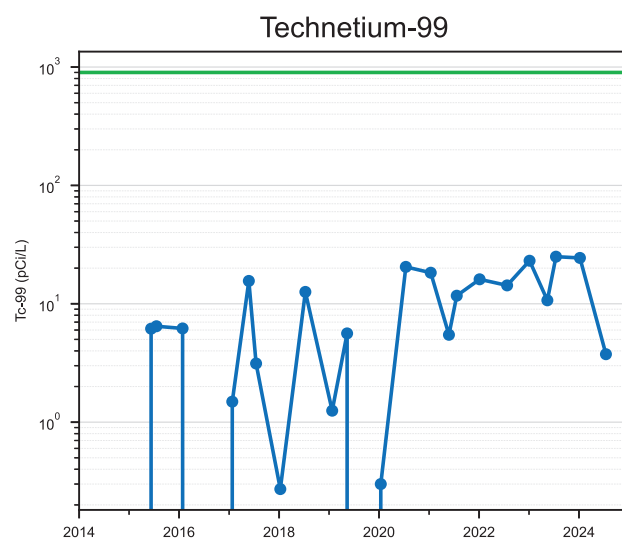
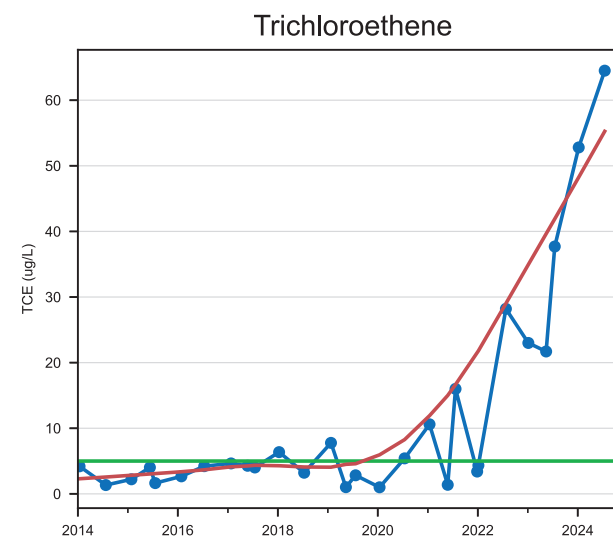
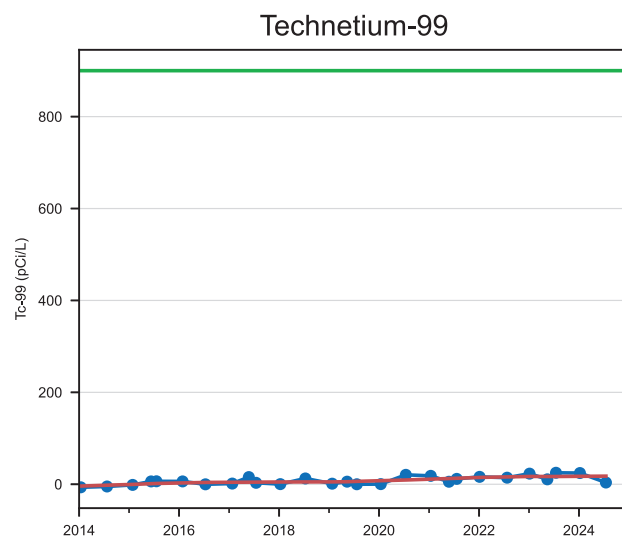

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Figure 298. Tc-99 and TCE at MW90A (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/13/2014	< 4.63	4.2
07/24/2014	< 4.86	1.34
01/27/2015	< 1.41	2.22
06/11/2015	< 6.16	4.03
07/20/2015	< 6.46	1.64
01/27/2016	< 6.19	2.67
07/12/2016	< 0.138	4.22
01/24/2017	< 1.49	4.64
05/25/2017	< 15.6	4.28
07/17/2017	< 3.13	4.02
01/10/2018	< 0.272	6.36
07/12/2018	< 12.6	3.22
01/24/2019	< 1.25	7.77
05/13/2019	< 5.62	1.02
07/23/2019	< 0.00554	2.83
01/14/2020	< 0.3	< 1.0
07/15/2020	20.5	5.41
01/13/2021	< 18.3	10.6
05/26/2021	< 5.47	1.38
07/22/2021	< 11.7	16.0
12/27/2021		3.4
01/05/2022	< 16.1	4.35
07/25/2022	< 14.3	28.2
01/05/2023	23.1	23.0
05/15/2023	< 10.7	21.7
07/17/2023	25.0	37.7
01/08/2024	24.4	52.8
07/16/2024	< 3.75	64.5

Notes:

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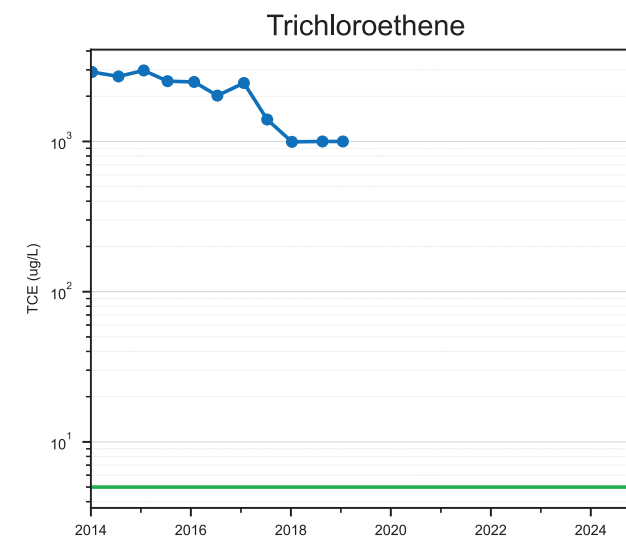
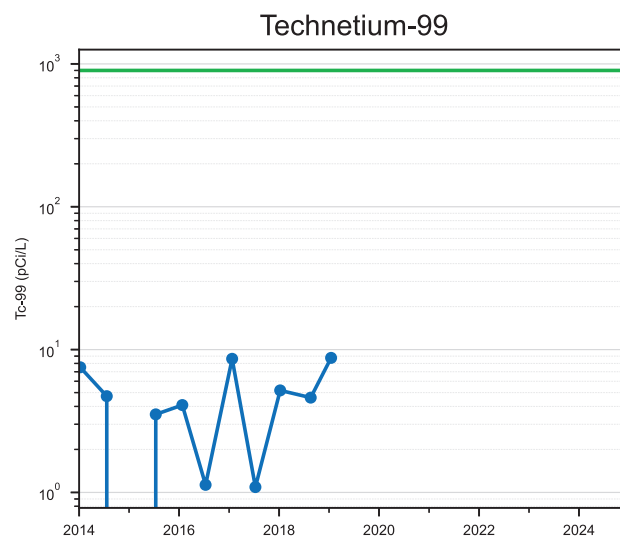
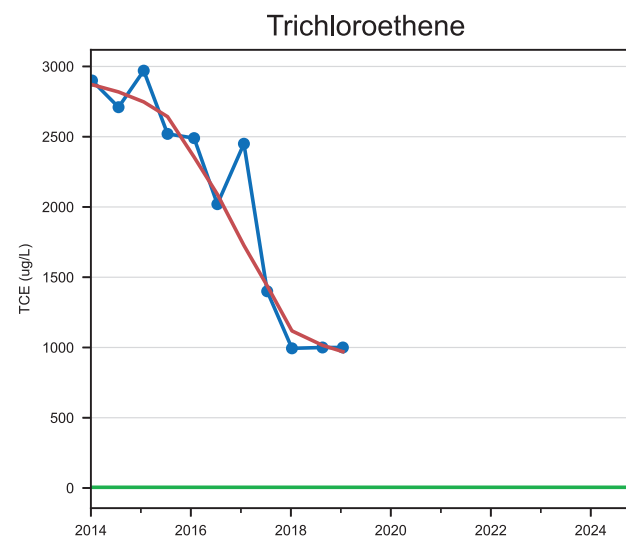
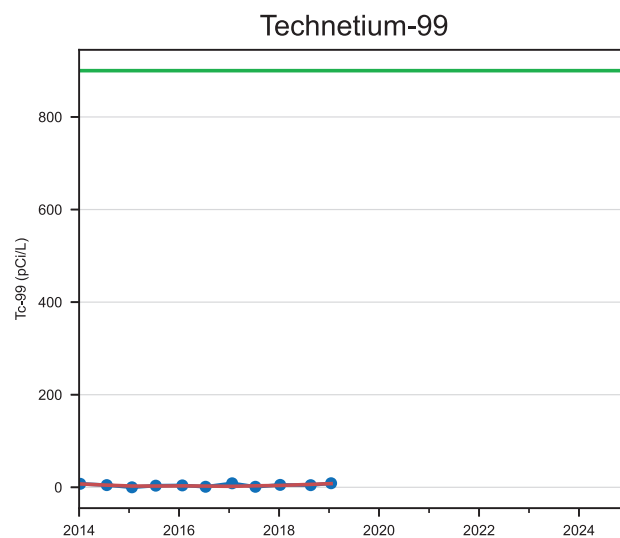
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Figure 299. Tc-99 and TCE at MW92 (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/09/2014	< 7.52	2900.0
07/22/2014	< 4.72	2710.0
01/22/2015	< -0.0161	2970.0
07/15/2015	< 3.52	2520.0
01/25/2016	< 4.09	2490.0
07/13/2016	< 1.13	2020.0
01/23/2017	< 8.62	2450.0
07/12/2017	< 1.09	1400.0
01/09/2018	< 5.18	994.0
08/20/2018	< 4.61	1000.0
01/16/2019	< 8.75	1000.0

Notes:

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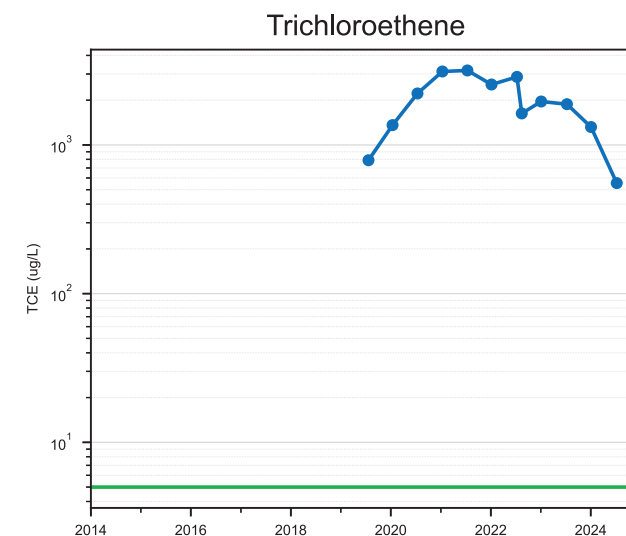
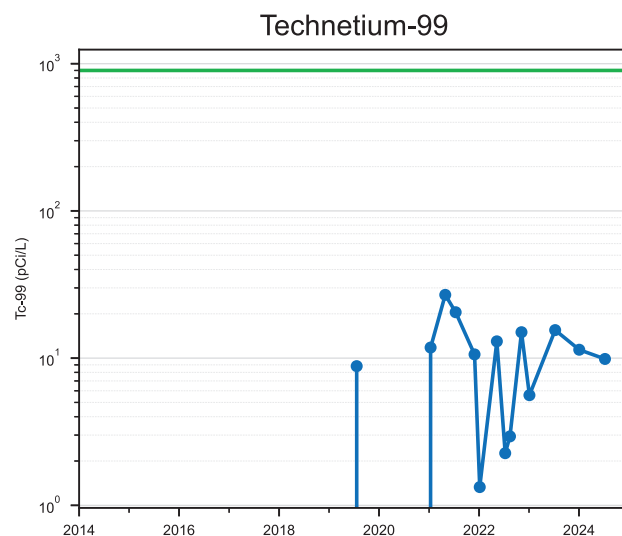
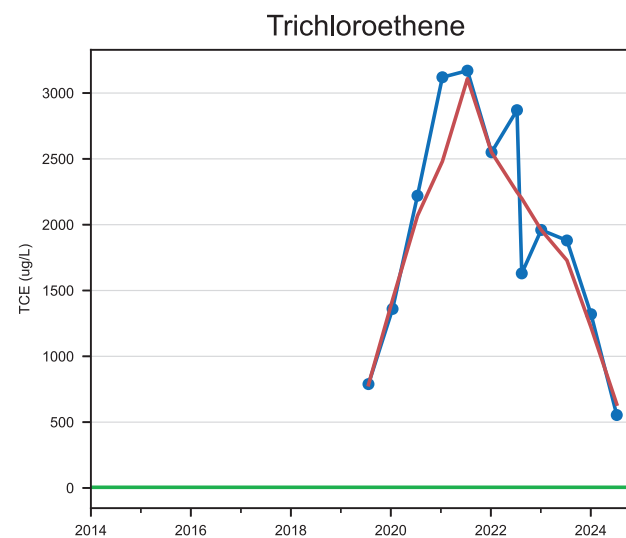
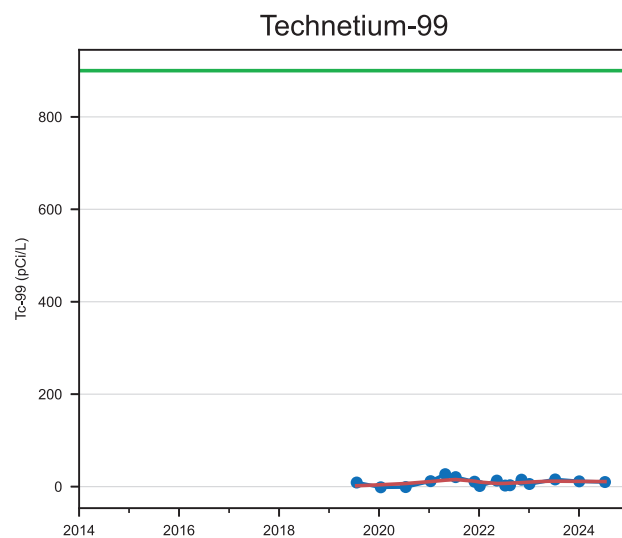
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Figure 300. Tc-99 and TCE at MW93 (RGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
07/22/2019	< 8,82	789,0
01/14/2020	< -1,5	1360,0
07/14/2020	< -0,977	2220,0
01/12/2021	< 11,8	3120,0
04/29/2021	26,9	
07/14/2021	20,5	3170,0
11/29/2021	< 10,6	
01/06/2022	< 1,33	2550,0
05/11/2022	< 13,0	
07/11/2022	< 2,26	2870,0
08/15/2022	< 2,94	1630,0
11/07/2022	< 15,0	
01/04/2023	< 5,6	1960,0
07/11/2023	< 15,5	1880,0
01/03/2024	< 11,4	1320,0
07/09/2024	< 9,87	554,0

Notes:

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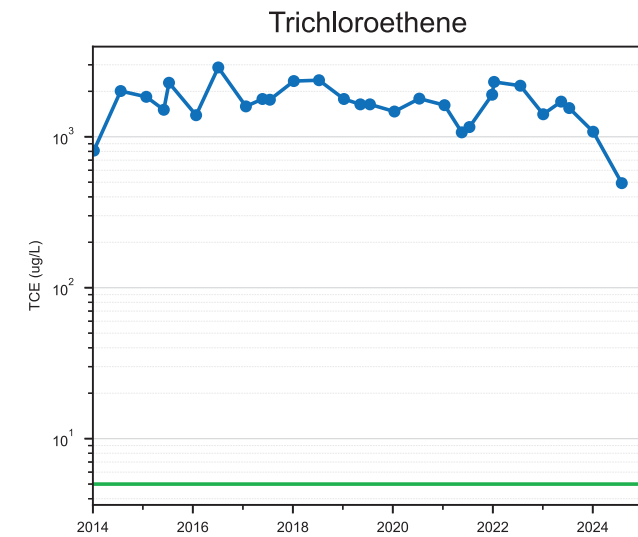
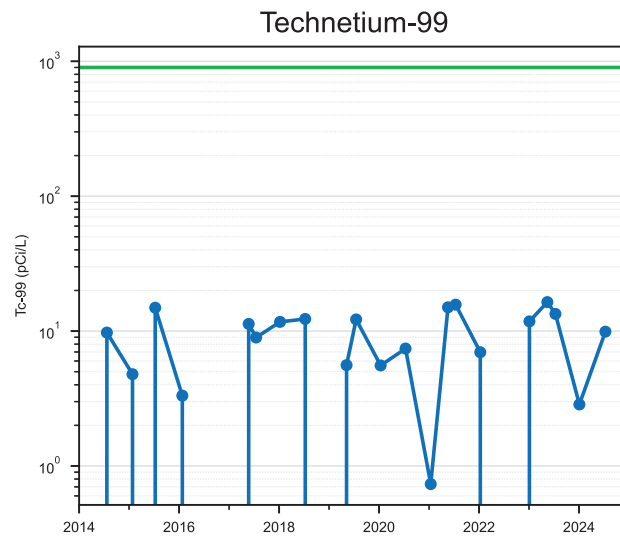
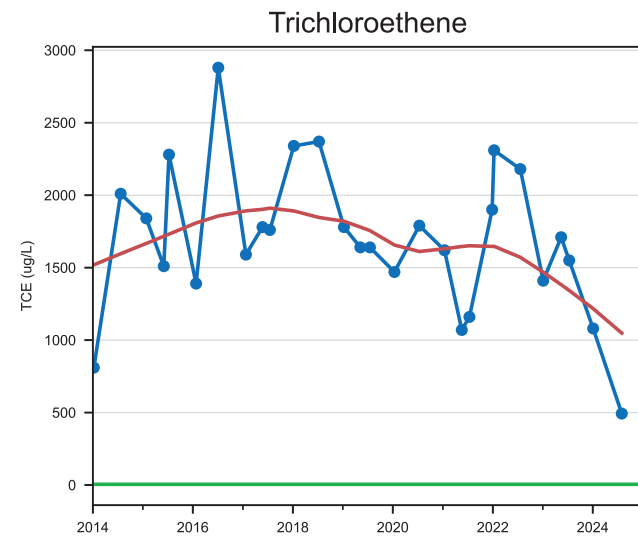
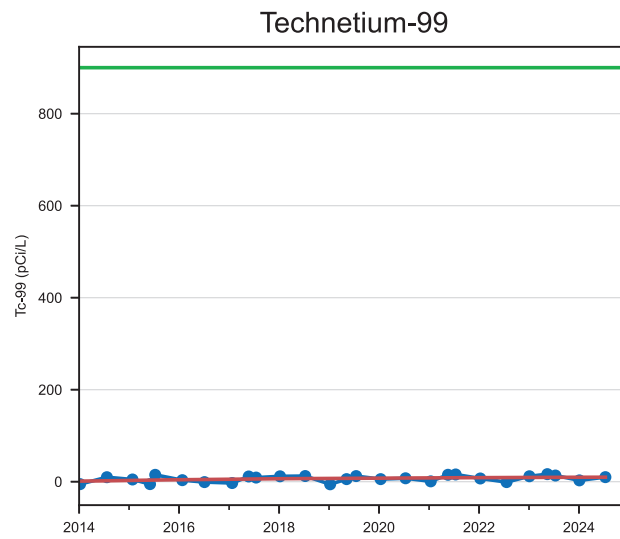
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Figure 301. Tc-99 and TCE at MW93A (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
01/08/2014	< 5.32	810.0
07/23/2014	< 9.75	2010.0
01/26/2015	< 4.79	1840.0
06/03/2015	< 5.26	1510.0
07/11/2015	< 14.9	2280.0
01/25/2016	< 3.32	1390.0
07/05/2016	< 0.913	2880.0
01/23/2017	< 2.94	1590.0
05/24/2017	< 11.3	1780.0
07/17/2017	< 8.96	1760.0
01/08/2018	< 11.7	2340.0
07/11/2018	< 12.3	2370.0
01/09/2019	< 5.67	1780.0
05/09/2019	< 5.59	1640.0
07/18/2019	< 12.2	1640.0
01/13/2020	< 5.56	1470.0
07/13/2020	< 7.42	1790.0
01/13/2021	< 0.734	1620.0
05/19/2021	< 15.0	1070.0
07/14/2021	< 15.7	1160.0
12/27/2021		1900.0
01/10/2022	< 6.97	2310.0
07/21/2022	< 0.876	2180.0
01/04/2023	< 11.8	1410.0
05/15/2023	< 16.4	1710.0
07/13/2023	< 13.4	1550.0
01/04/2024	< 2.86	1080.0
07/12/2024	< 9.9	
07/31/2024		493.0

Notes:

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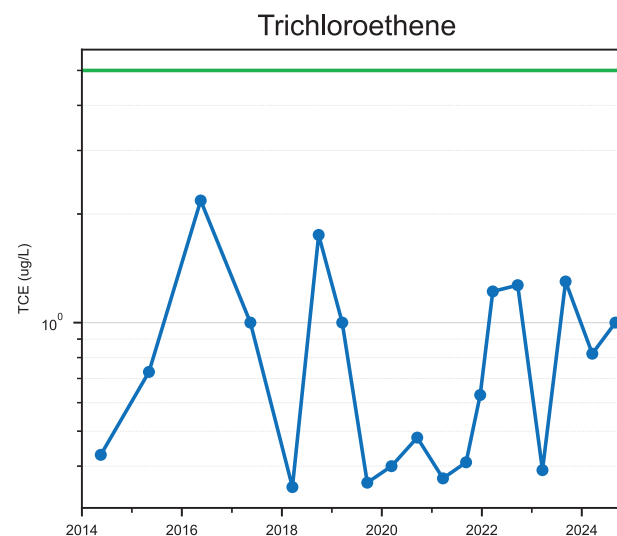
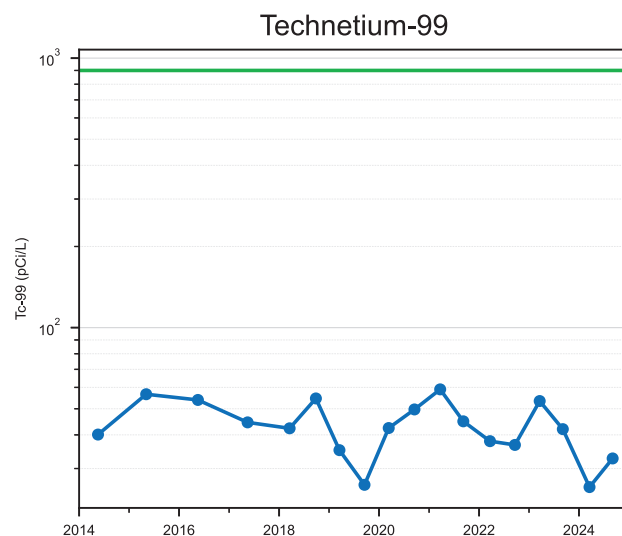
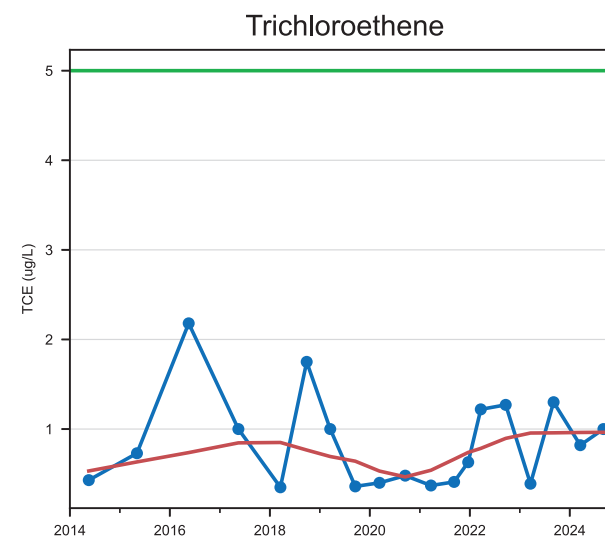
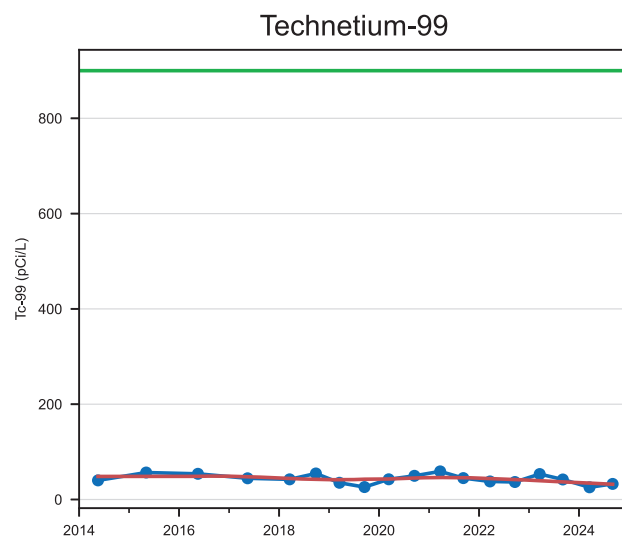
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Figure 302. Tc-99 and TCE at MW95A (LRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/19/2014	40.1	0.43
05/06/2015	56.6	0.73
05/18/2016	53.9	2.18
05/16/2017	44.5	< 1.0
03/19/2018	42.3	0.35
09/27/2018	54.6	1.75
03/18/2019	35.1	< 1.0
09/17/2019	26.1	0.36
03/12/2020	42.4	0.4
09/16/2020	49.7	0.48
03/23/2021	59.0	0.37
09/08/2021	44.9	0.41
12/20/2021		0.63
03/22/2022	37.9	1.22
09/20/2022	36.7	1.27
03/20/2023	53.4	0.39
09/05/2023	42.0	1.3
03/18/2024	25.6	0.82
09/03/2024	32.7	< 1.0

Notes:

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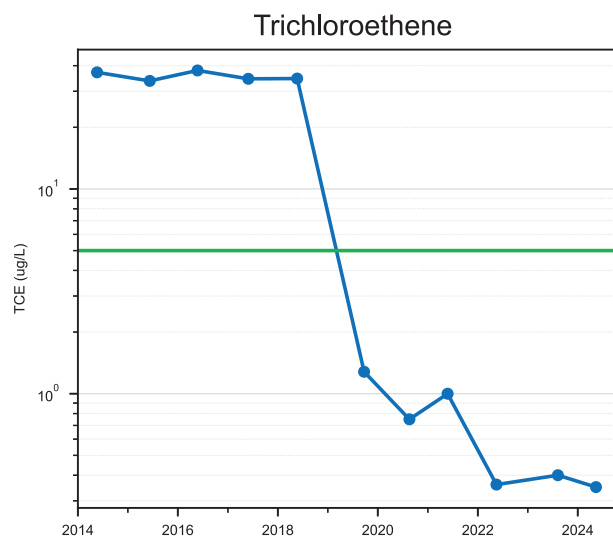
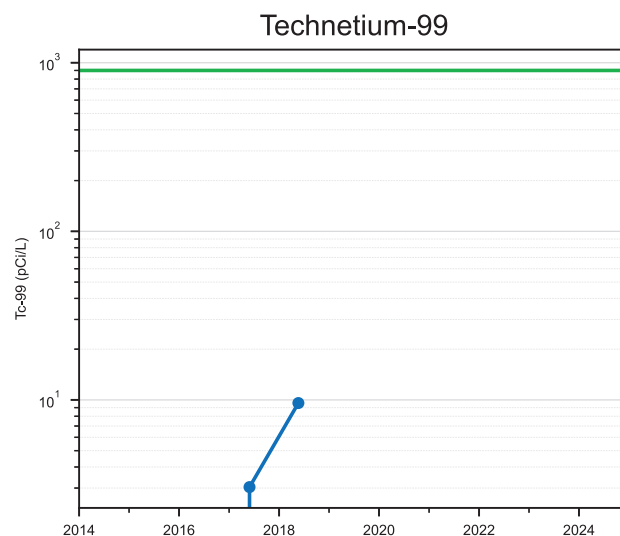
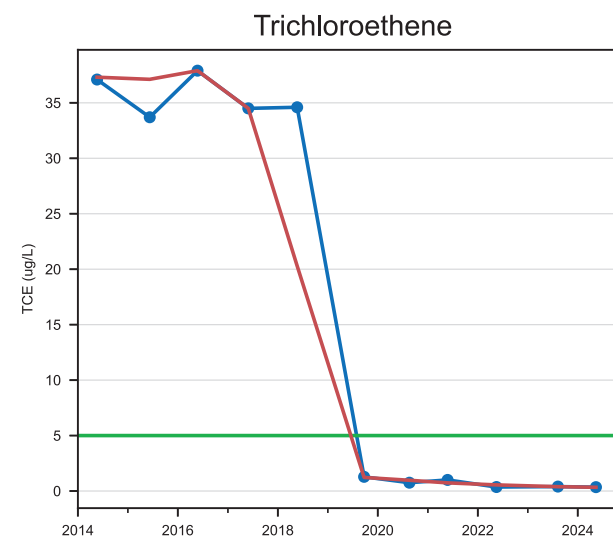
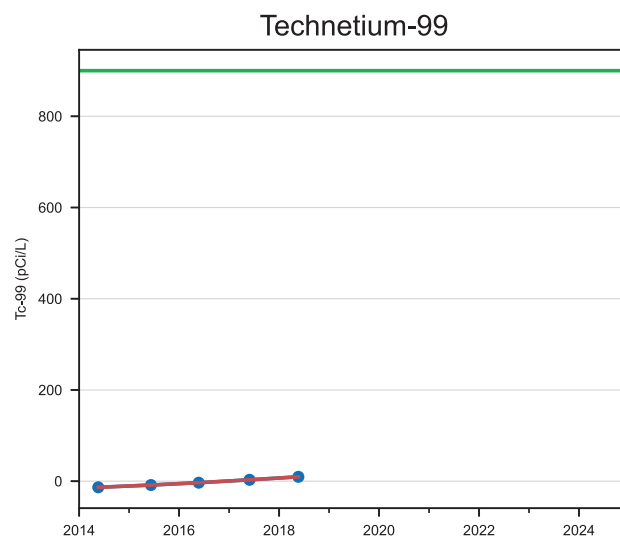
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Figure 303. Tc-99 and TCE at MW98 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
05/21/2014	< -13.4	37.1
06/10/2015	< -8.44	33.7
05/24/2016	< -3.32	37.9
05/30/2017	< 3.04	34.5
05/22/2018	< 9.58	34.6
09/23/2019		1.28
08/19/2020		0.75
05/25/2021		< 1.0
05/17/2022		0.36
08/09/2023		0.4
05/13/2024		0.35

Notes:

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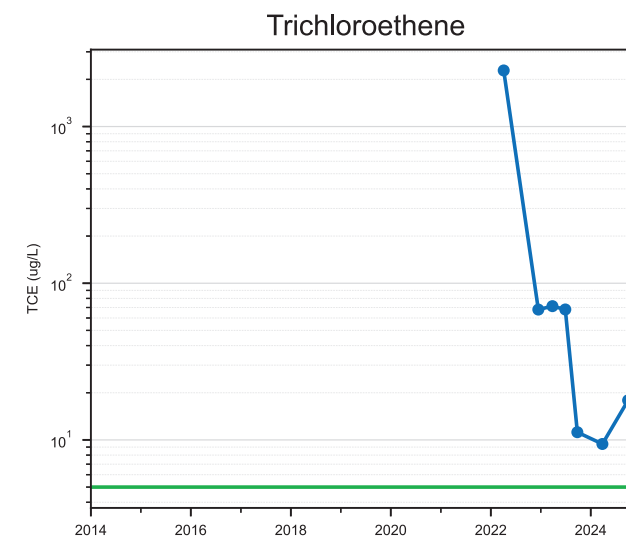
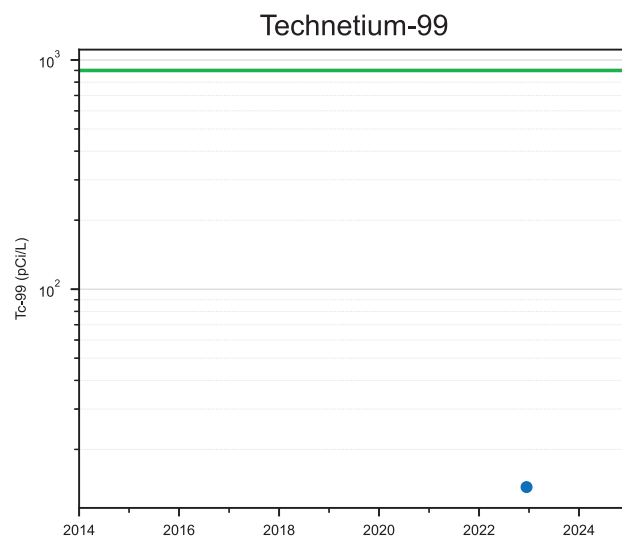
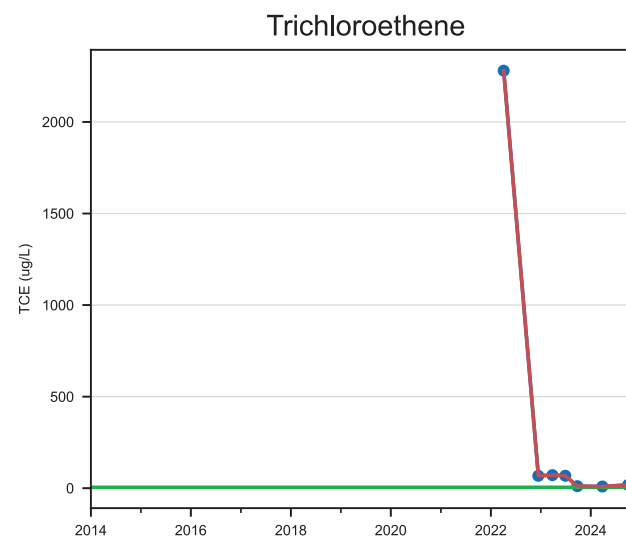
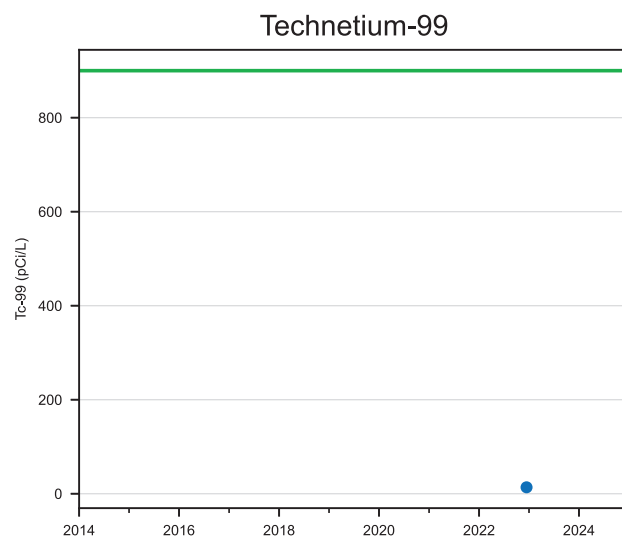
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Figure 304. Tc-99 and TCE at MW99 (MRGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
04/05/2022		2280.0
12/14/2022	13.7	67.9
03/27/2023		71.4
06/29/2023		68.0
09/25/2023		11.2
03/26/2024		9.42
09/30/2024		17.9

Notes:

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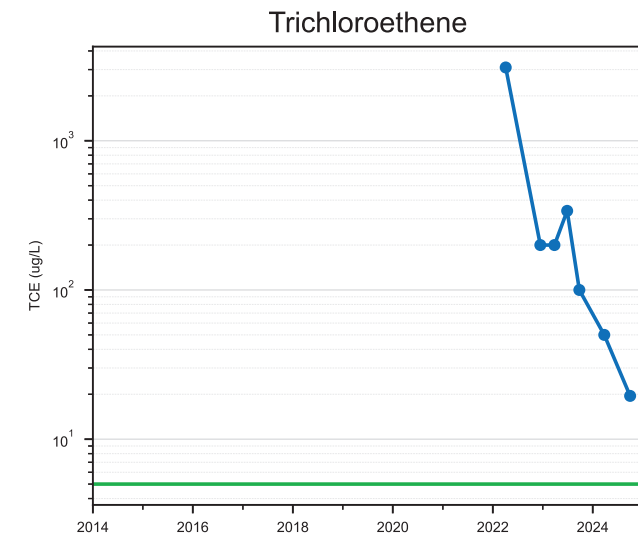
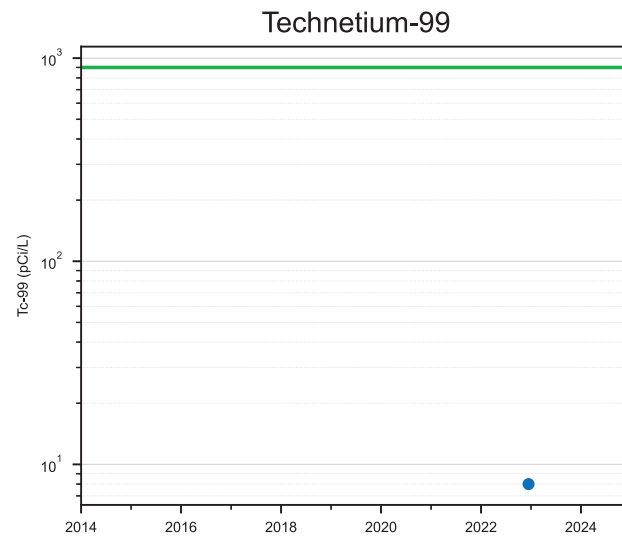
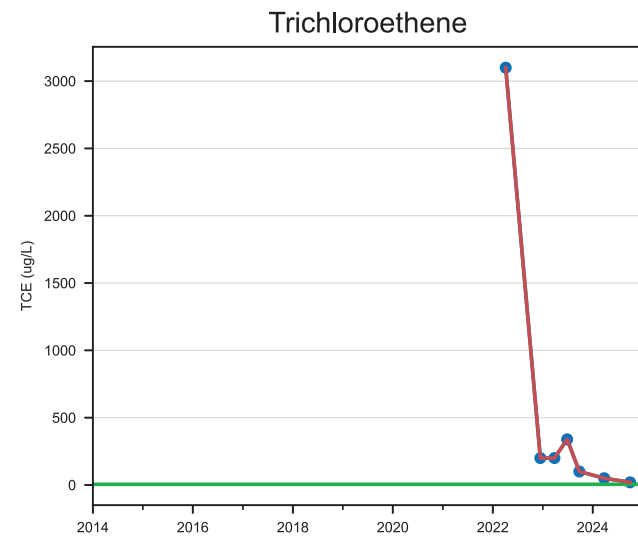
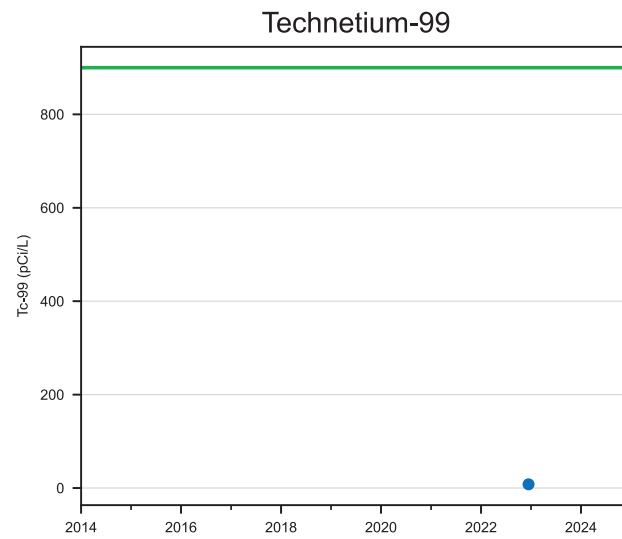
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Figure 305. Tc-99 and TCE at PW001 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
04/05/2022		3100.0
12/14/2022	8.0	< 200.0
03/27/2023		< 200.0
06/28/2023		339.0
09/25/2023		< 100.0
03/25/2024		< 50.0
09/30/2024		19.5

Notes:

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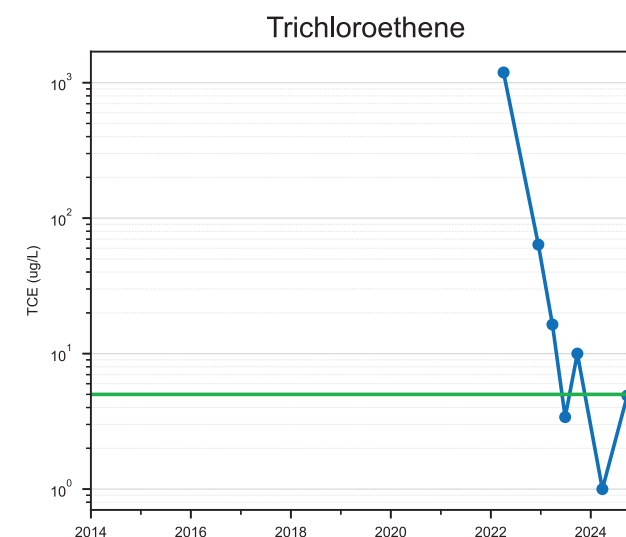
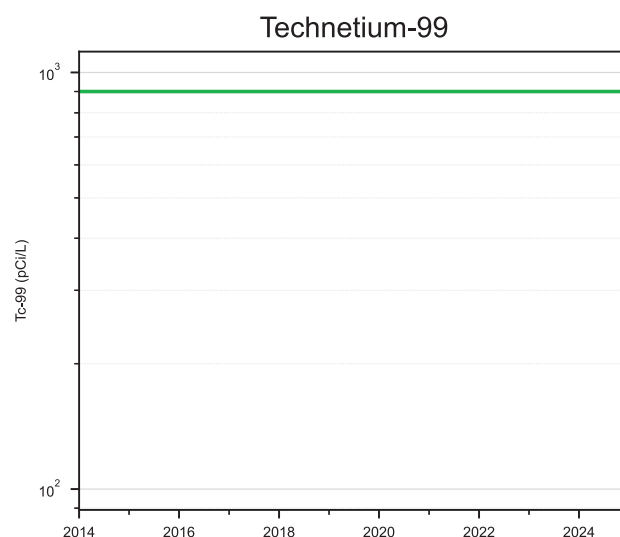
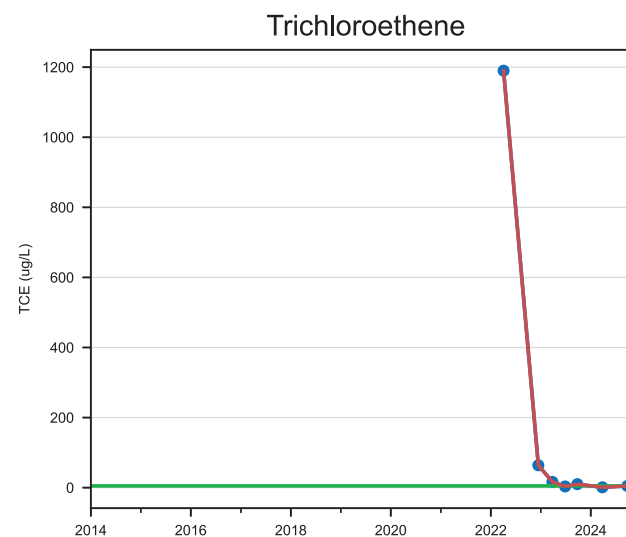
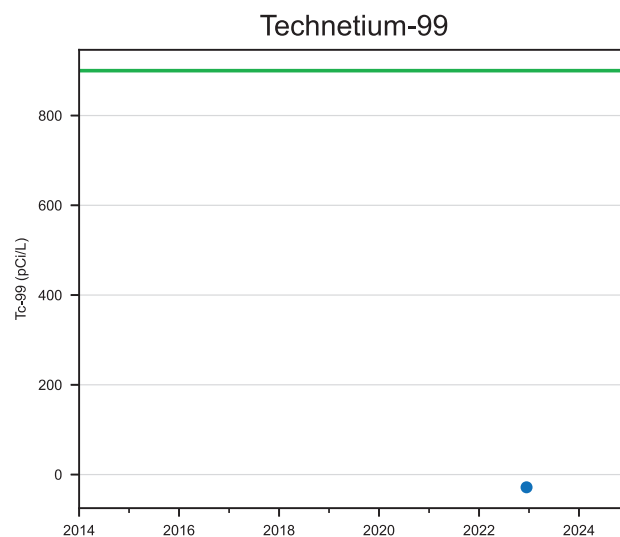
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Figure 306. Tc-99 and TCE at PW004 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
04/04/2022		1190.0
12/14/2022	< -28.4	63.8
03/27/2023		16.4
06/28/2023		3.4
09/25/2023		< 10.0
03/26/2024		< 1.0
09/24/2024		4.9



Notes:

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- A fraction of 0.5 was used, which affects how many points are considered to be local for each point.

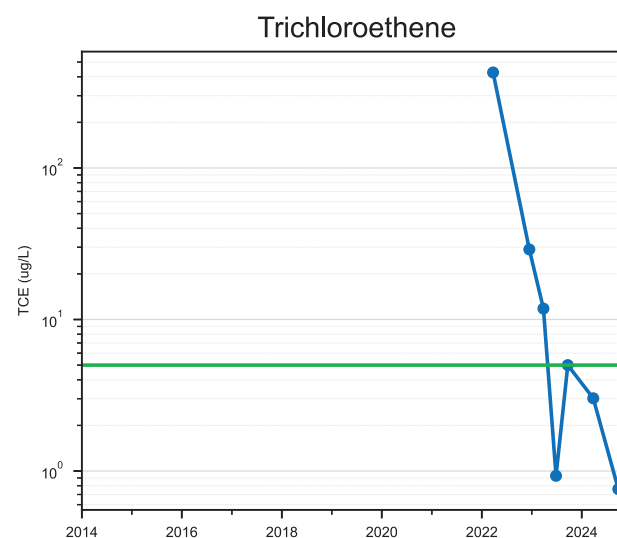
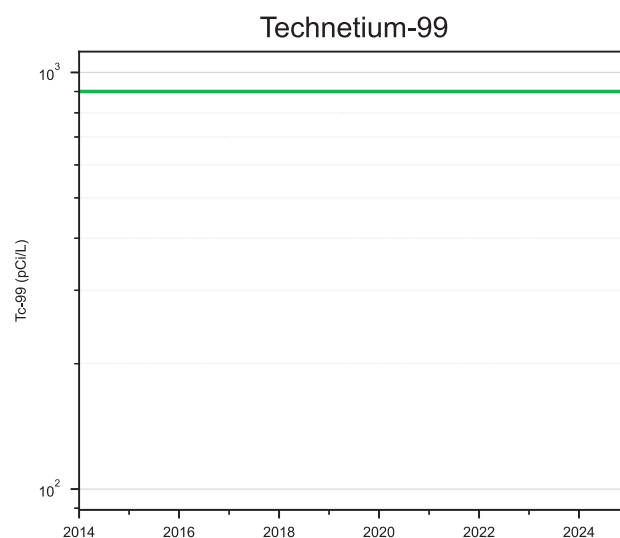
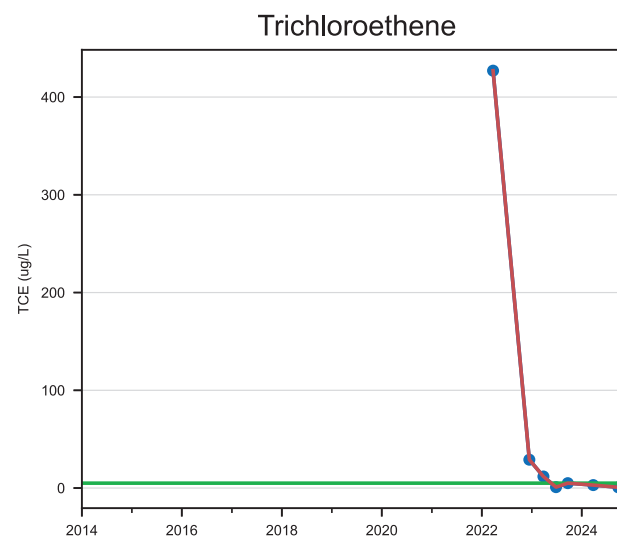
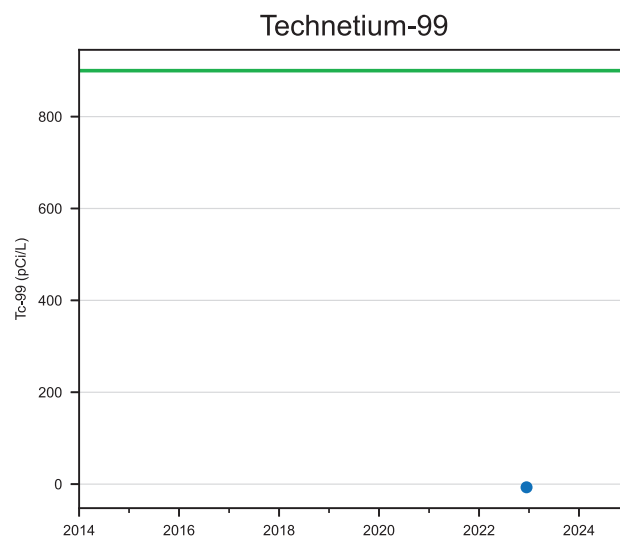
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Figure 307. Tc-99 and TCE at PW007 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/24/2022		427.0
12/14/2022	< -6,9	29.0
03/27/2023		11.8
06/27/2023		0.93
09/21/2023		< 5,0
03/25/2024		3.02
09/24/2024		0.76



Notes:

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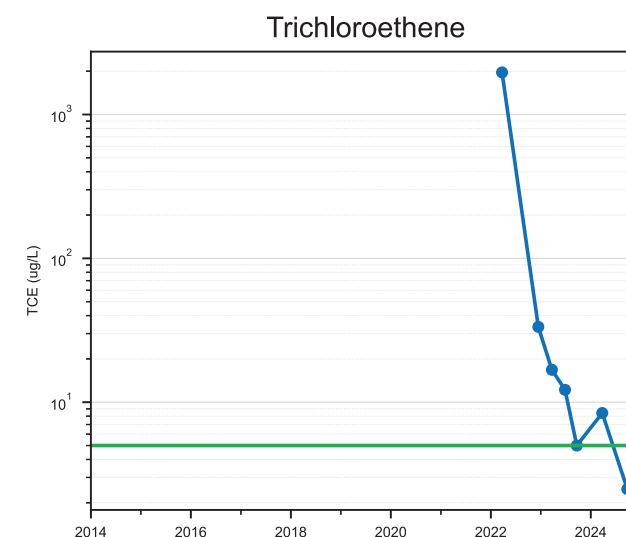
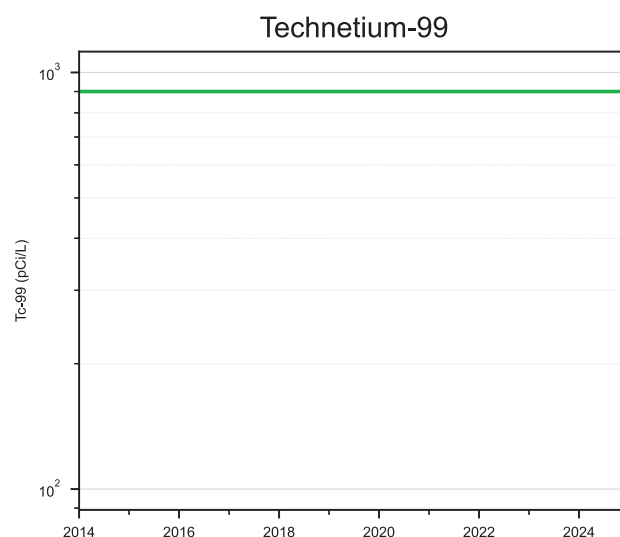
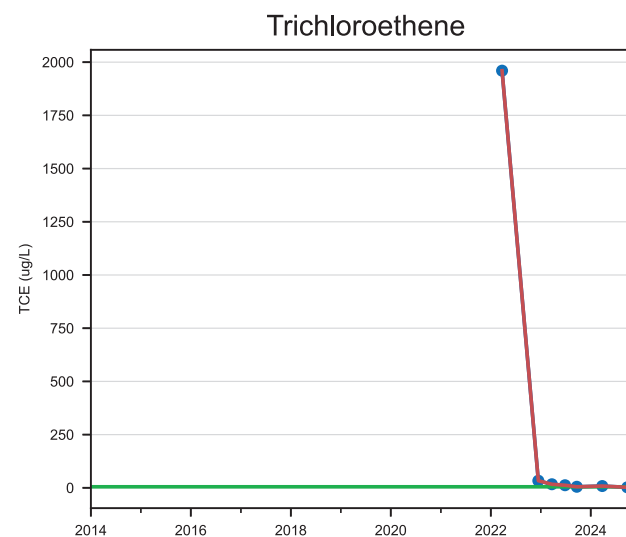
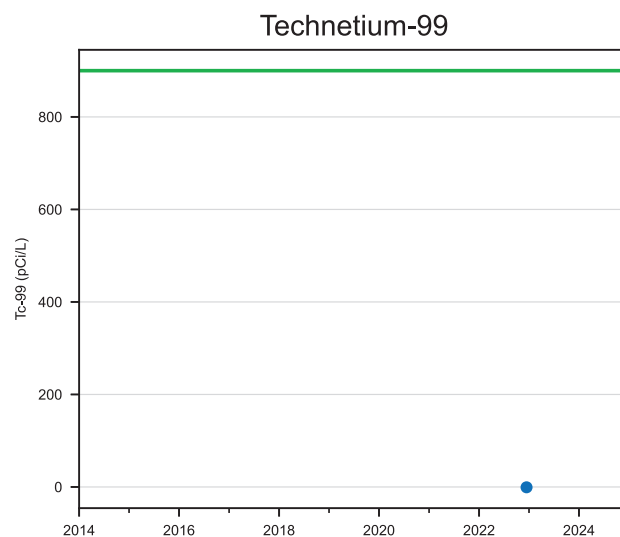
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Figure 308. Tc-99 and TCE at PW010 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/24/2022		1960.0
12/14/2022	< -0.721	33.4
03/23/2023		16.8
06/27/2023		12.2
09/21/2023		< 5.0
03/25/2024		8.41
09/24/2024		2.49



Notes:

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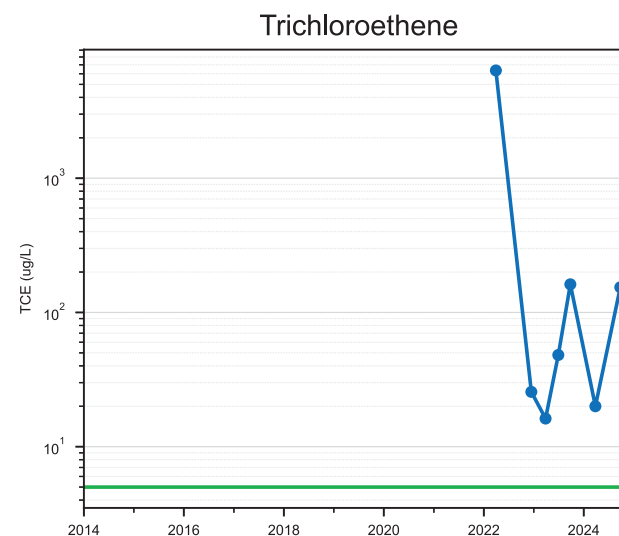
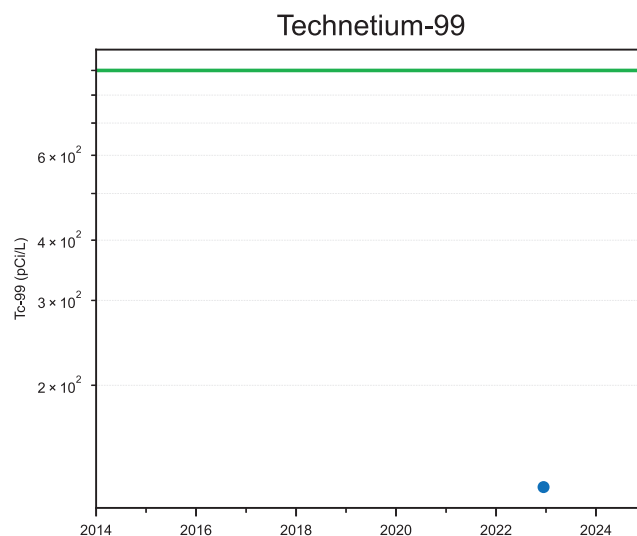
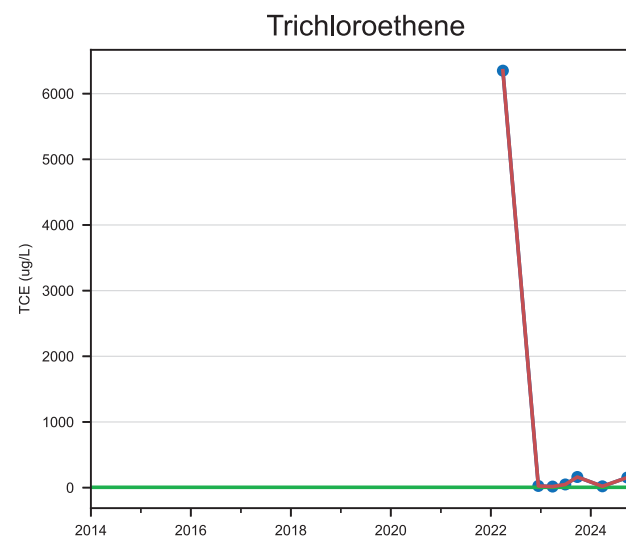
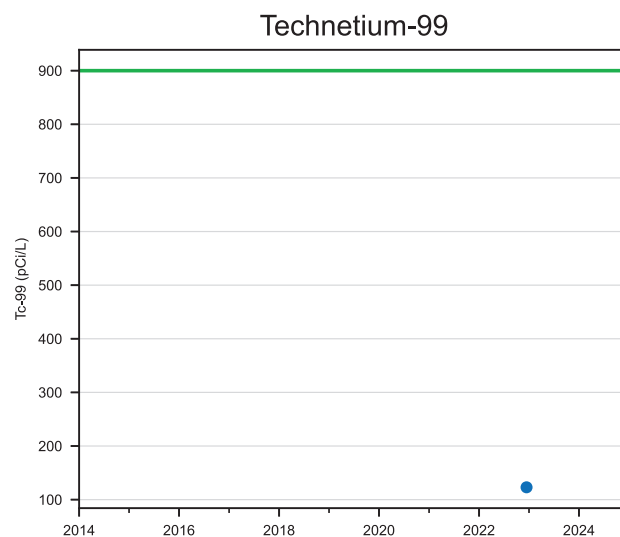
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Figure 309. Tc-99 and TCE at PW013 (URGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
03/30/2022		6350.0
12/14/2022	< 123.0	25.6
03/28/2023		16.2
06/29/2023		48.2
09/25/2023		162.0
03/26/2024		< 20.0
09/24/2024		154.0



Notes:

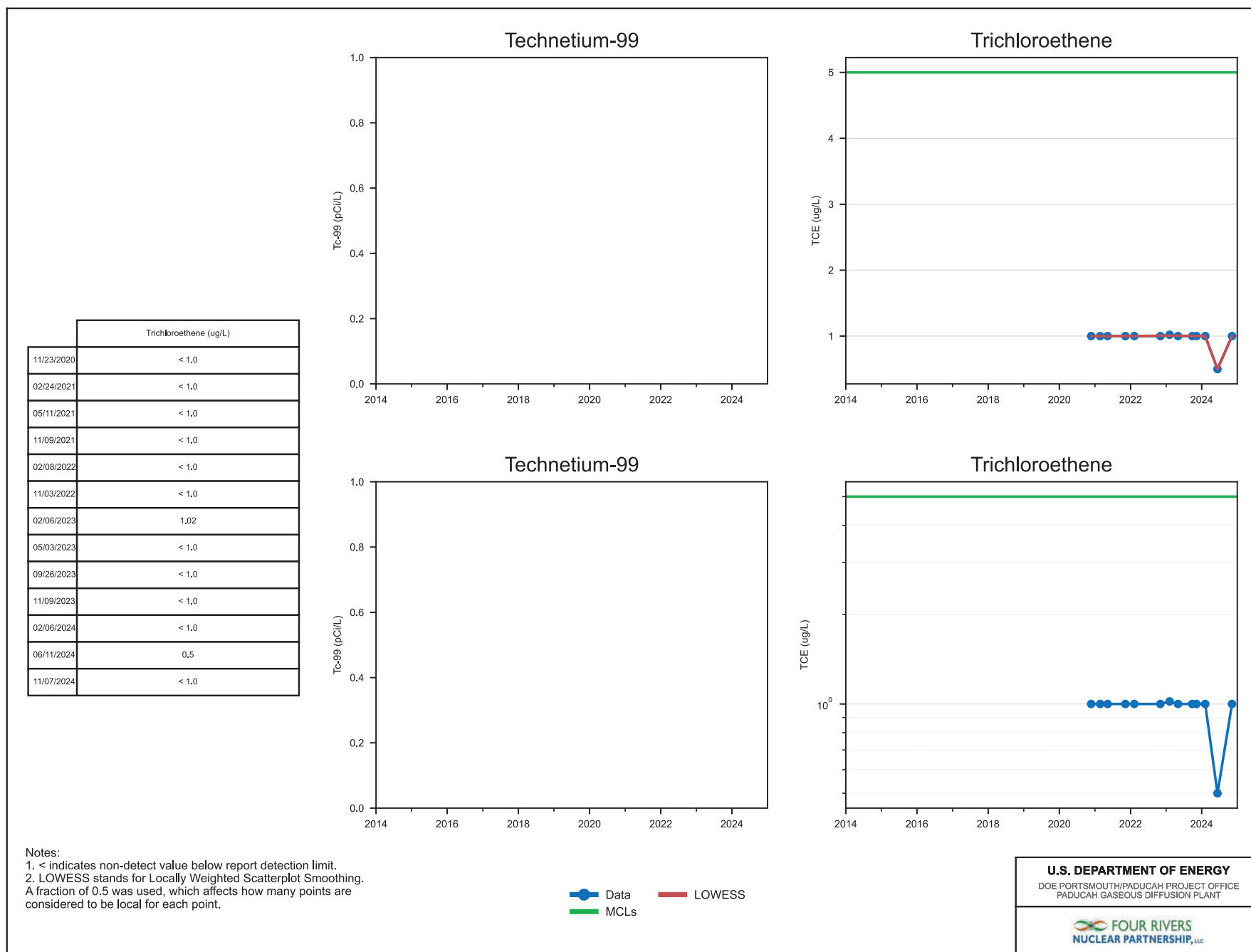
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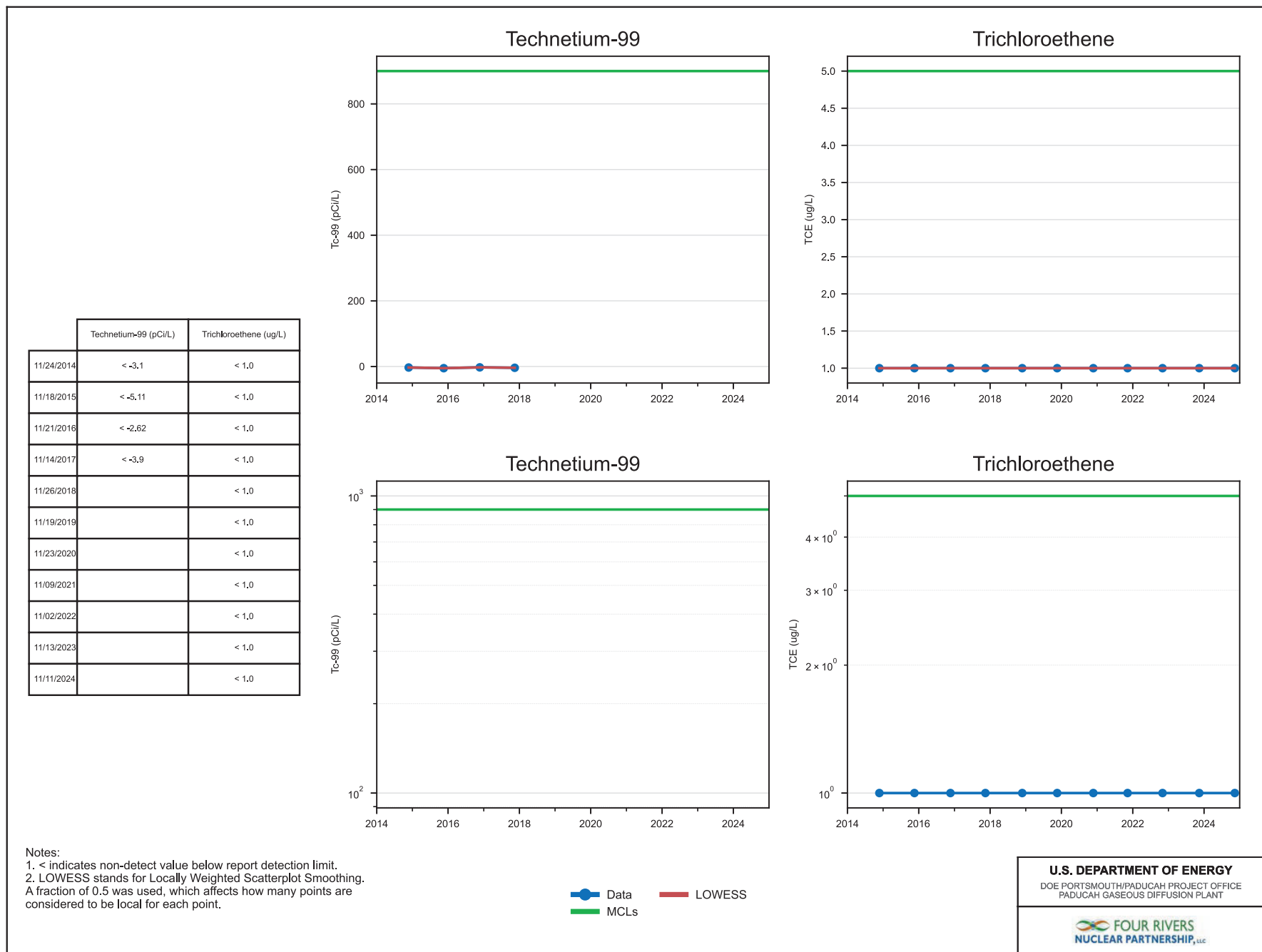
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Figure 310. Tc-99 and TCE at PW016 (URGA)



Source: Trend_Plots_V1.ipynb

Figure 311. Tc-99 and TCE at R10 (Unknown)



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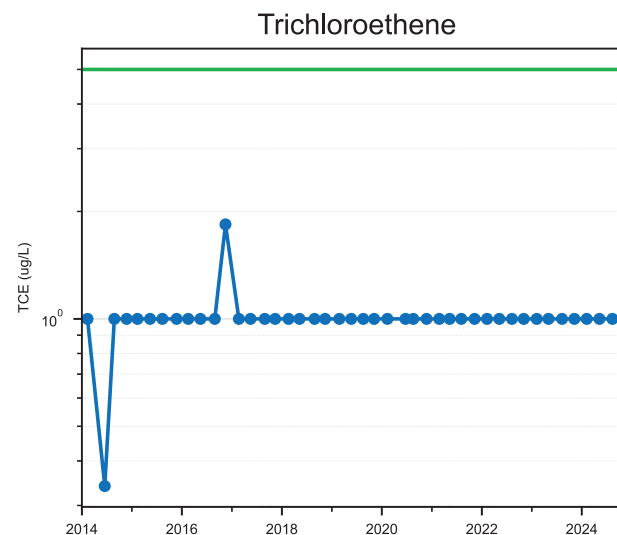
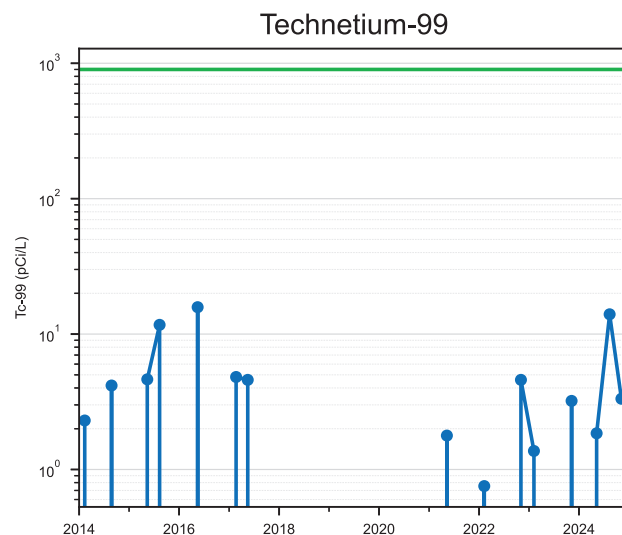
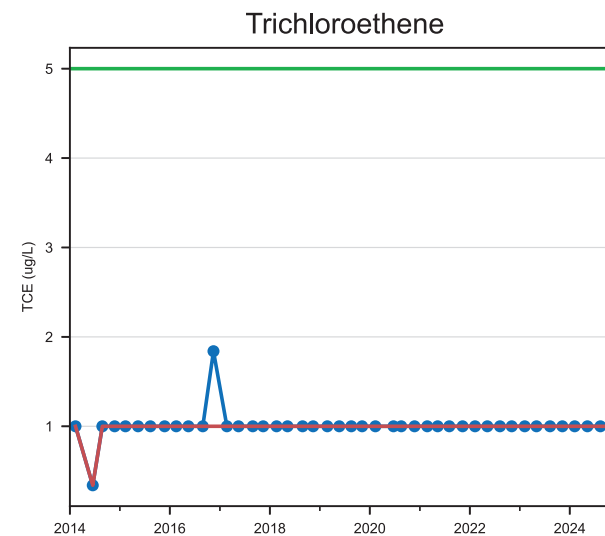
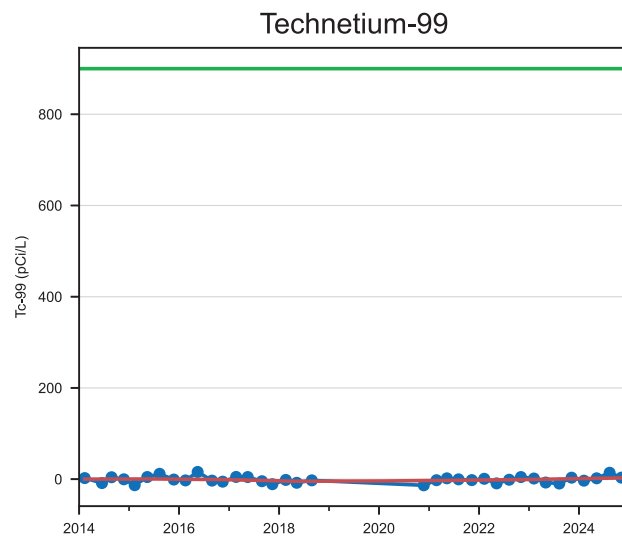
Source: Trend_Plots_V1.ipynb

Figure 312. Tc-99 and TCE at R114 (Unknown)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/11/2014	< 2,3	1,0
06/17/2014	< -8,61	0,34
08/26/2014	< 4,17	< 1,0
11/24/2014	< -0,338	< 1,0
02/11/2015	< -13,3	< 1,0
05/14/2015	< 4,63	< 1,0
08/12/2015	< 11,7	< 1,0
11/24/2015	< -0,918	< 1,0
02/17/2016	< -2,78	< 1,0
05/16/2016	< 15,8	< 1,0
08/29/2016	< -3,23	< 1,0
11/15/2016	< -5,51	1,84
02/21/2017	< 4,82	< 1,0
05/17/2017	< 4,59	< 1,0
08/29/2017	< -4,54	< 1,0
11/13/2017	< -11,1	< 1,0
02/19/2018	< -1,73	< 1,0
05/10/2018	< -8,0	< 1,0
08/28/2018	< -2,67	< 1,0
11/13/2018	< 1,0	< 1,0
02/25/2019	< 1,0	< 1,0
05/23/2019	< 1,0	< 1,0
08/19/2019	< 1,0	< 1,0
11/06/2019	< 1,0	< 1,0
02/11/2020	< 1,0	< 1,0
06/22/2020	< 1,0	< 1,0
08/18/2020	< 1,0	< 1,0
11/23/2020	< -13,5	< 1,0
02/24/2021	< -2,32	< 1,0
05/11/2021	< 1,78	< 1,0
08/04/2021	< -0,454	< 1,0
11/09/2021	< -2,09	< 1,0
02/08/2022	< 0,754	< 1,0
05/09/2022	< -9,31	< 1,0
08/09/2022	< -1,32	< 1,0
11/03/2022	< 4,59	< 1,0
02/06/2023	< 1,37	< 1,0
05/03/2023	< -7,45	< 1,0
08/10/2023	< -9,65	< 1,0
11/08/2023	< 3,21	< 1,0
02/06/2024	< -3,35	< 1,0
05/09/2024	< 1,85	< 1,0
08/12/2024	< 14,0	< 1,0
11/06/2024	< 3,33	< 1,0

Notes:

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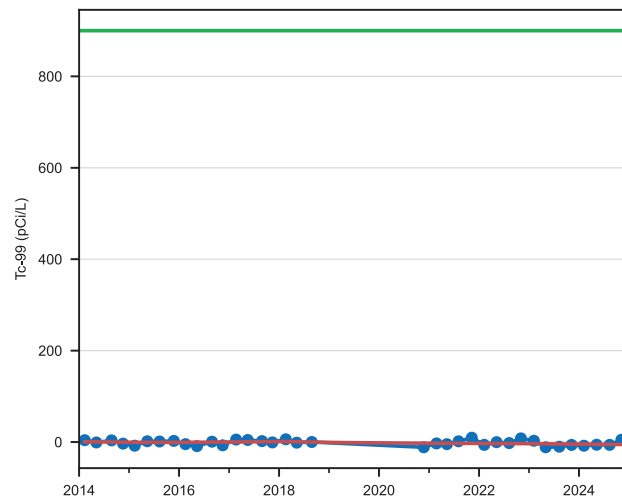
Figure 313. Tc-99 and TCE at R13 (Unknown)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/11/2014	< 4.03	< 1.0
05/07/2014	< -0.956	< 1.0
08/26/2014	< 3.65	< 1.0
11/18/2014	< -3.45	< 1.0
02/11/2015	< -7.97	< 1.0
05/14/2015	< 1.71	< 1.0
08/12/2015	< 1.16	< 1.0
11/24/2015	< 2.49	< 1.0
02/17/2016	< -4.63	< 1.0
05/11/2016	< -9.01	< 1.0
08/29/2016	< 0.77	< 1.0
11/15/2016	< -7.16	< 1.0
02/21/2017	< 5.42	< 1.0
05/17/2017	< 4.46	< 1.0
08/29/2017	< 2.05	< 1.0
11/13/2017	< -0.754	< 1.0
02/19/2018	< 6.01	< 1.0
05/10/2018	< -1.37	< 1.0
08/28/2018	< 0.0951	< 1.0
11/13/2018		< 1.0
09/22/2020		< 1.0
11/23/2020	< -11.5	< 1.0
02/24/2021	< -3.04	< 1.0
05/11/2021	< -4.66	< 1.0
08/04/2021	< 1.59	< 1.0
11/09/2021	< 9.46	< 1.0
02/08/2022	< -6.15	< 1.0
05/09/2022	< -0.281	< 1.0
08/09/2022	< -2.27	< 1.0
11/03/2022	< 7.99	< 1.0
02/06/2023	< 2.8	< 1.0
05/03/2023	< -11.5	< 1.0
08/10/2023	< -10.2	< 1.0
11/08/2023	< -6.31	< 1.0
02/06/2024	< -8.0	< 1.0
05/09/2024	< -5.89	< 1.0
08/12/2024	< -6.16	< 1.0
11/06/2024	< 5.04	< 1.0

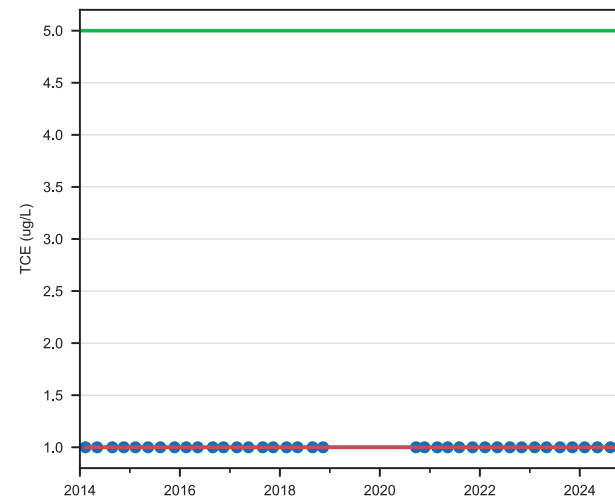
Notes:

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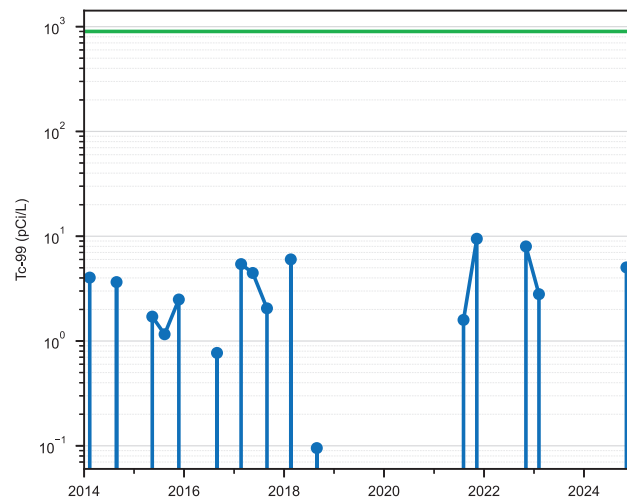
Technetium-99



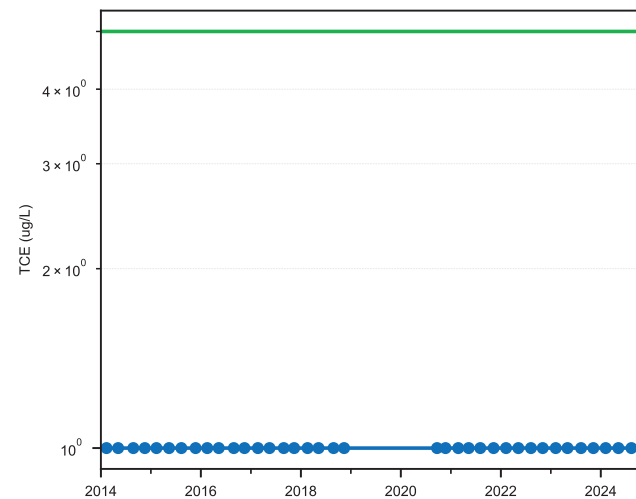
Trichloroethene



Technetium-99



Trichloroethene



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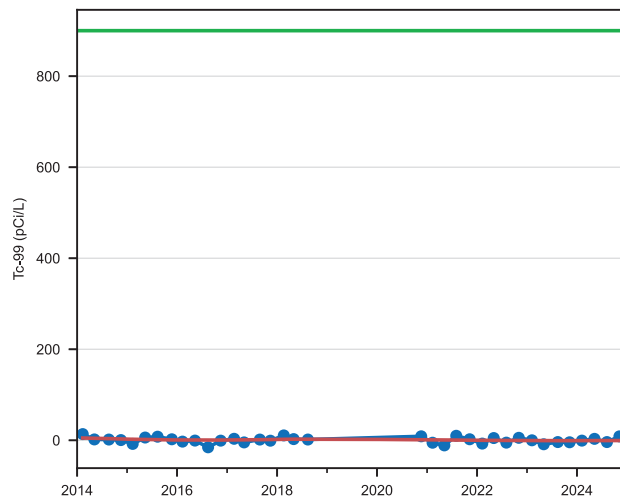
Figure 314. Tc-99 and TCE at R14 (Unknown)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/11/2014	< 13.6	14.0
05/07/2014	< 1.89	4.92
08/21/2014	< 1.64	11.5
11/17/2014	< 0.469	9.02
02/11/2015	< 7.94	8.98
05/13/2015	< 6.05	5.67
08/12/2015	< 7.89	6.44
11/24/2015	< 2.22	8.23
02/10/2016	< 2.89	7.78
05/11/2016	< -0.639	5.31
08/15/2016	< -15.4	7.07
11/15/2016	< -0.781	7.54
02/21/2017	< 3.28	6.07
05/05/2017	< 4.65	2.14
08/28/2017	< 1.6	5.07
11/13/2017	< -0.892	5.65
02/19/2018	< 10.7	5.1
05/02/2018	< 2.62	3.32
08/14/2018	< 1.67	3.48
11/13/2018		6.28
02/12/2019		0.64
05/20/2019		1.67
08/14/2019		4.01
11/06/2019		5.05
02/10/2020		< 1.0
05/12/2020		3.31
08/18/2020		4.29
11/19/2020	< 8.75	3.72
02/10/2021	< -5.35	4.27
05/07/2021	< -11.2	
06/29/2021		3.83
08/02/2021	< 9.9	5.17
11/08/2021	< 2.26	3.78
02/08/2022	< -7.24	5.05
05/03/2022	< 4.92	3.72
08/03/2022	< -5.14	4.87
11/02/2022	< 5.43	3.98
02/06/2023	< -0.0247	4.05
04/26/2023		5.03
05/03/2023	< -8.73	4.0
08/14/2023	< -3.88	3.81
11/08/2023	< -4.37	4.14
02/06/2024	< -0.733	3.9
05/08/2024	< 3.16	1.59
08/07/2024	< -3.88	0.64
11/06/2024	< 8.59	0.37

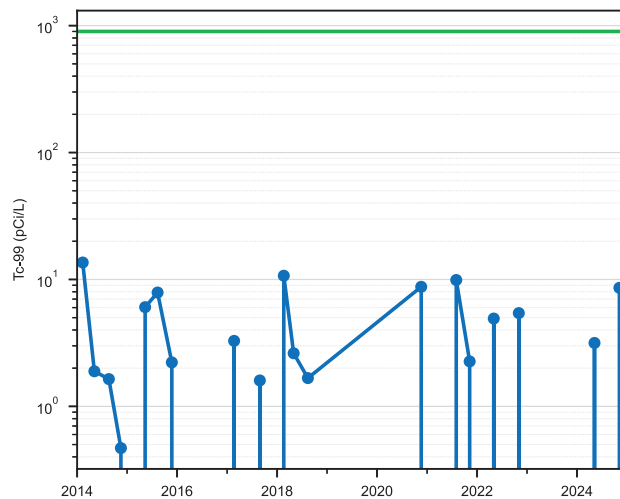
Notes:

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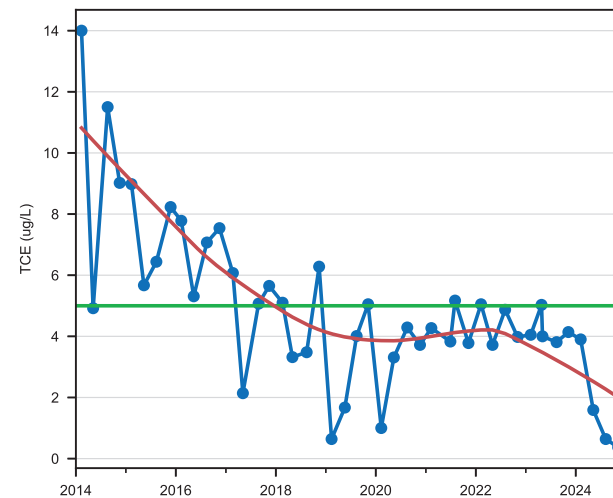
Technetium-99



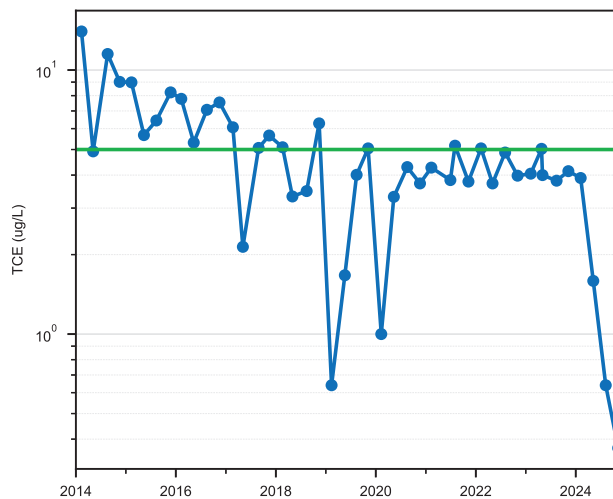
Technetium-99



Trichloroethene



Trichloroethene



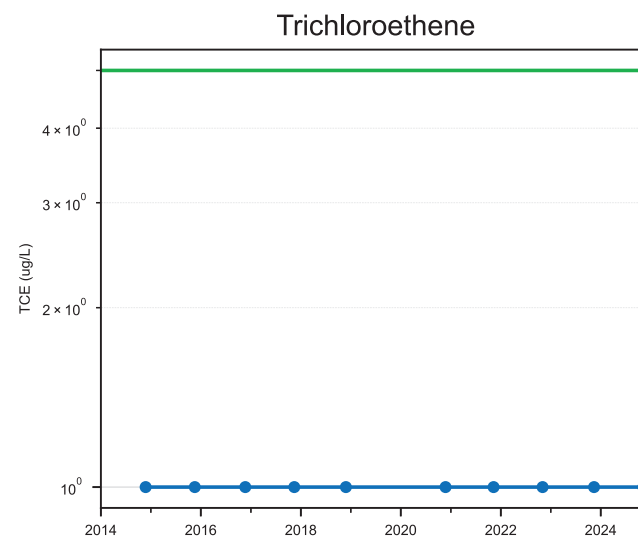
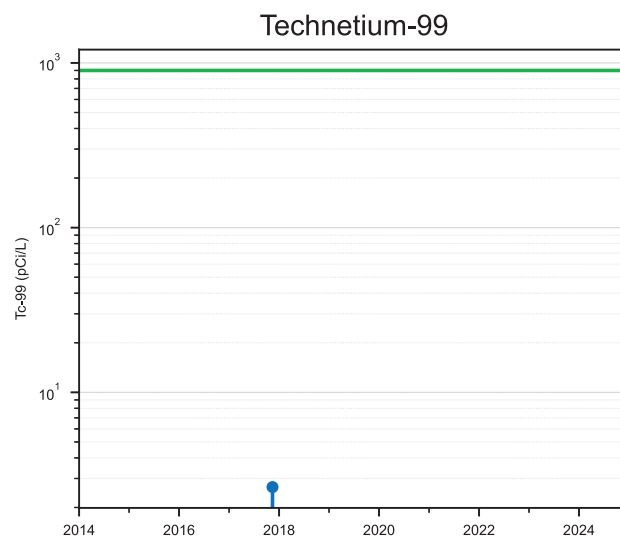
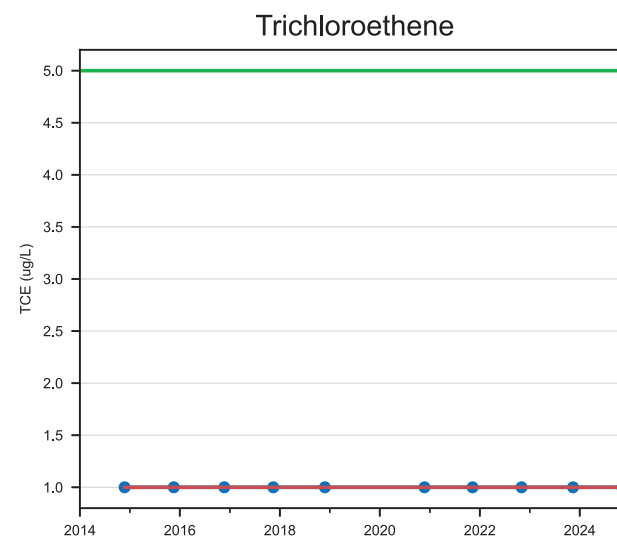
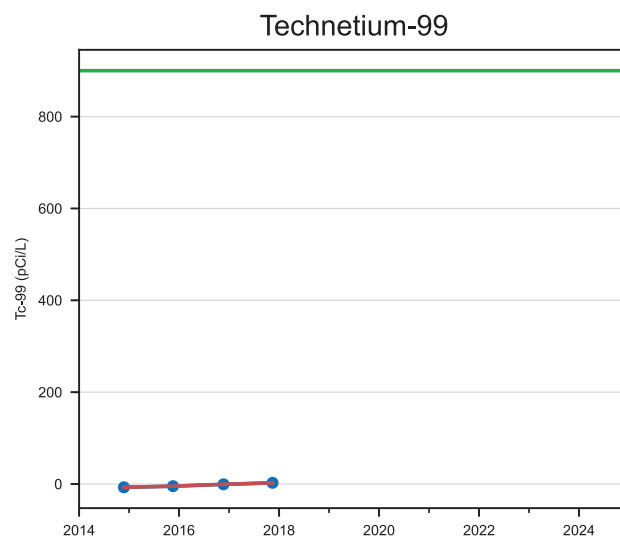
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Figure 315. Tc-99 and TCE at R2 (Unknown)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
11/24/2014	< -7.06	< 1.0
11/18/2015	< -4.62	< 1.0
11/21/2016	< -0.564	< 1.0
11/14/2017	< 2.66	< 1.0
11/26/2018		< 1.0
11/23/2020		< 1.0
11/09/2021		< 1.0
11/02/2022		< 1.0
11/13/2023		< 1.0
11/07/2024		< 1.0



Notes:

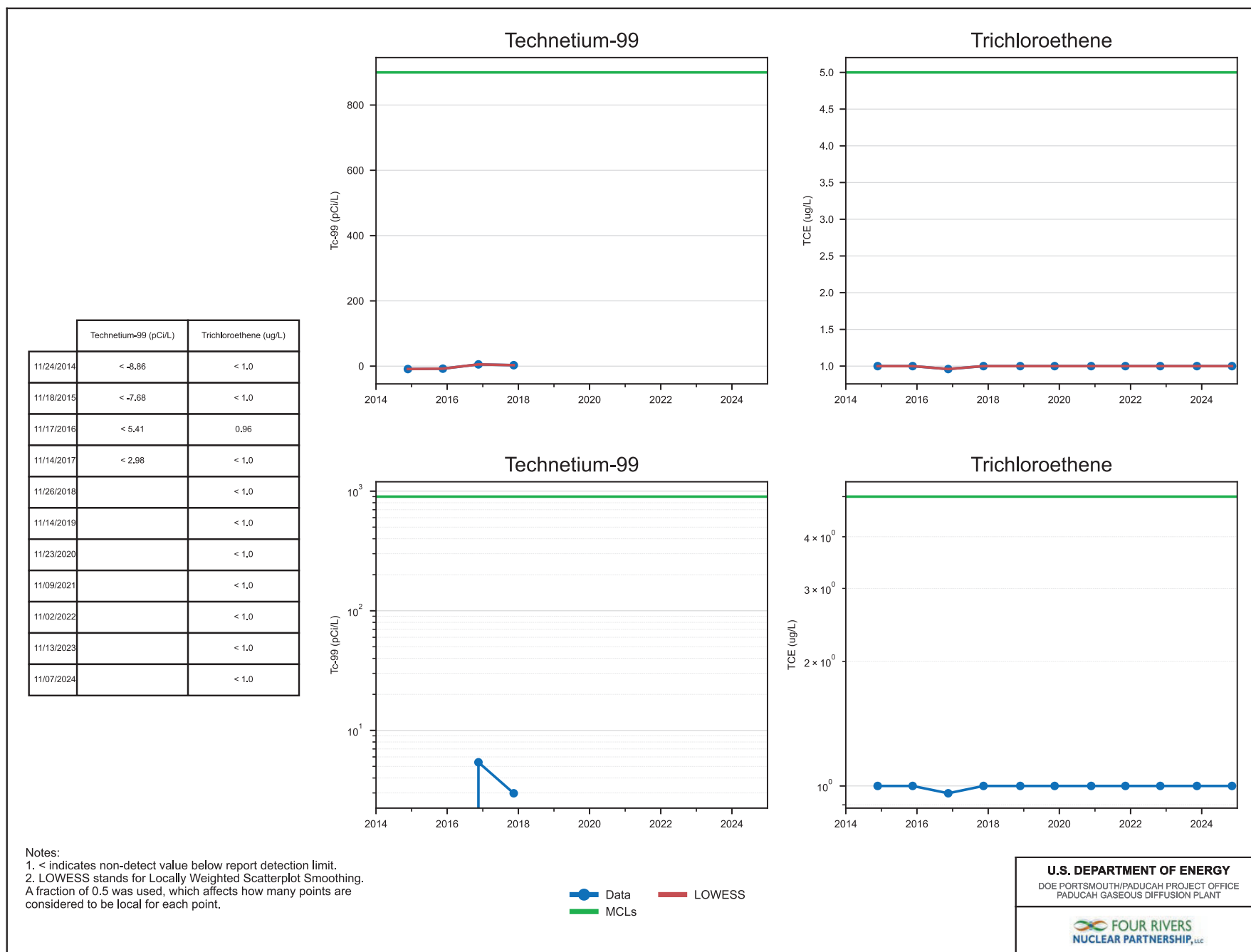
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Figure 316. Tc-99 and TCE at R20 (RGA)



Source: Trend_Plots_V1.ipynb

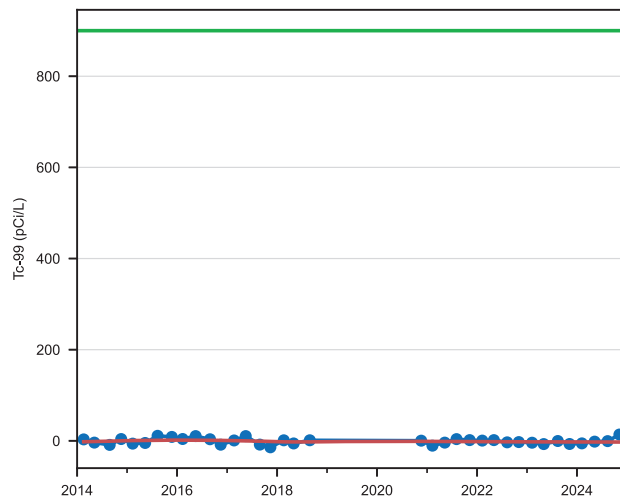
Figure 317. Tc-99 and TCE at R21 (Unknown)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/18/2014	< 3.14	< 1.0
05/07/2014	< 3.9	< 1.0
08/27/2014	< 8.92	< 1.0
11/19/2014	< 3.92	< 1.0
02/11/2015	< 6.15	< 1.0
05/13/2015	< 4.69	< 1.0
08/12/2015	< 11.0	< 1.0
11/24/2015	< 8.59	< 1.0
02/11/2016	< 4.01	0.48
05/16/2016	< 10.4	1.81
08/29/2016	< 3.45	< 1.0
11/15/2016	< 8.49	< 1.0
02/21/2017	< 0.816	1.31
05/17/2017	< 10.4	< 1.0
08/28/2017	< 8.29	< 1.0
11/13/2017	< 14.2	< 1.0
02/19/2018	< 1.15	< 1.0
05/02/2018	< 5.73	0.44
08/28/2018	< 1.23	< 1.0
11/13/2018	< 1.0	< 1.0
02/25/2019		< 1.0
05/21/2019		< 1.0
08/19/2019		< 1.0
11/06/2019		< 1.0
02/10/2020		< 1.0
06/22/2020		< 1.0
08/18/2020		< 1.0
11/19/2020	< 0.337	< 1.0
02/09/2021	< 10.6	< 1.0
05/10/2021	< 3.94	< 1.0
08/04/2021	< 3.75	< 1.0
11/08/2021	< 1.59	< 1.0
02/08/2022	< 0.491	< 1.0
05/04/2022	< 1.56	< 1.0
08/09/2022	< 3.32	< 1.0
11/02/2022	< 2.75	< 1.0
02/07/2023	< 4.14	< 1.0
05/03/2023	< 7.14	0.81
08/14/2023	< 0.412	< 1.0
11/08/2023	< 6.93	< 1.0
02/06/2024	< 5.59	0.38
05/09/2024	< 1.77	< 1.0
08/12/2024	< 0.648	< 1.0
11/06/2024	< 13.8	< 1.0

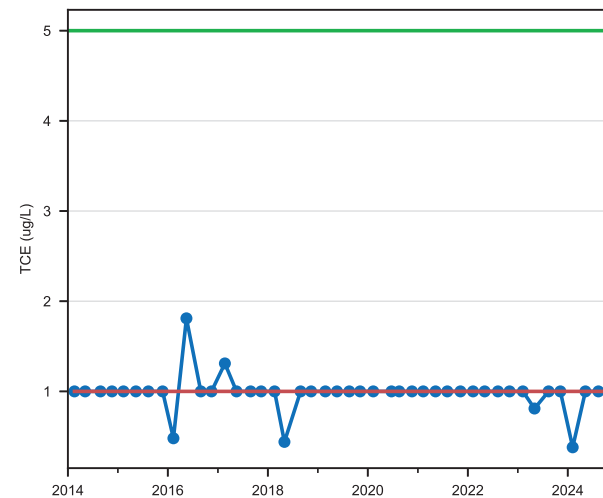
Notes:

1. < indicates non-detect value below report detection limit.
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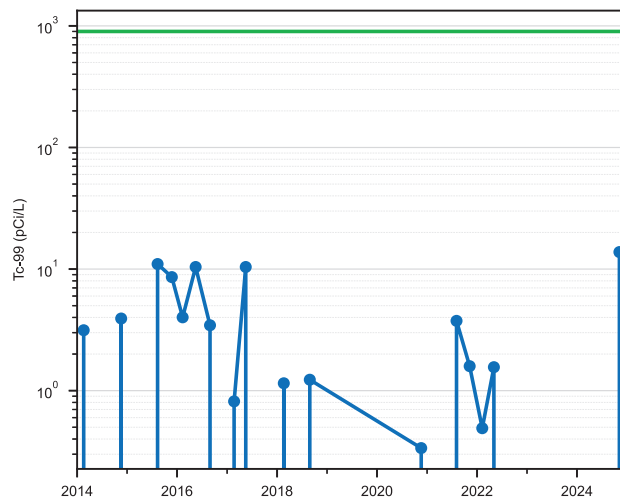
Technetium-99



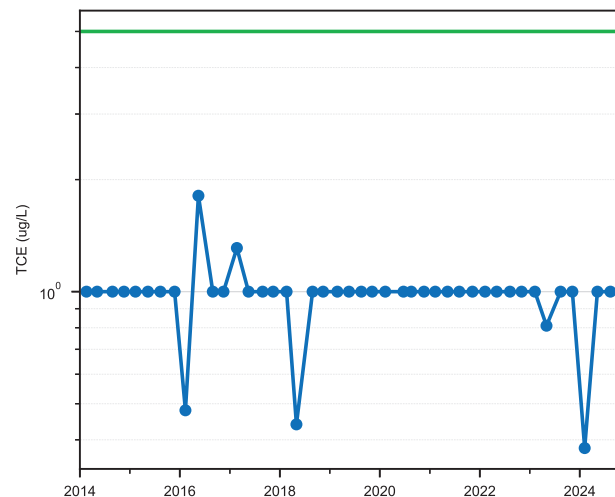
Trichloroethene



Technetium-99



Trichloroethene



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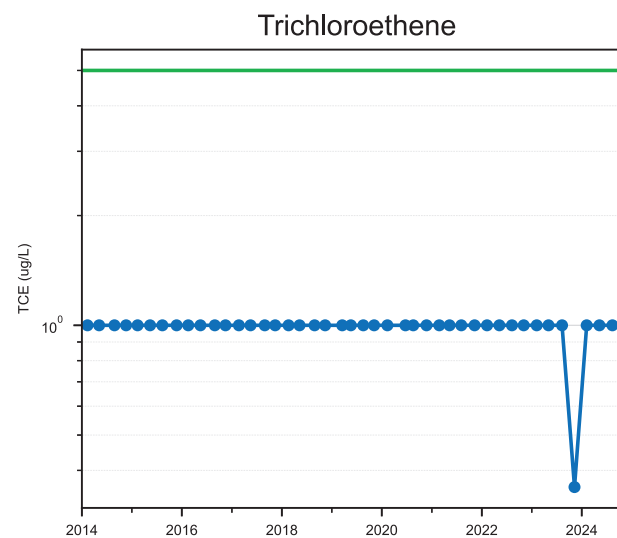
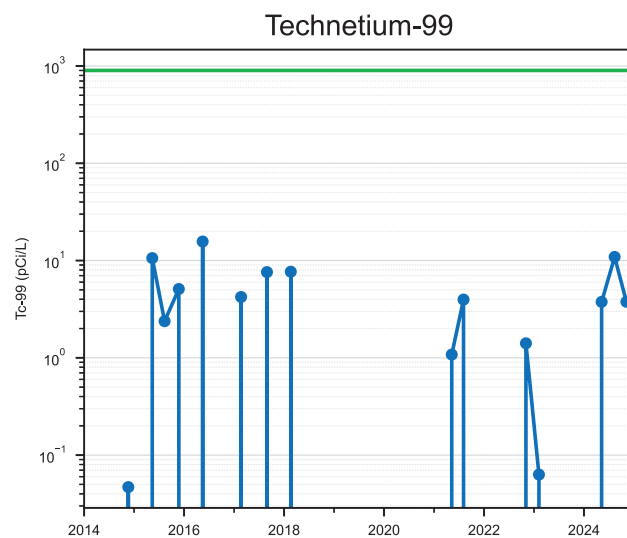
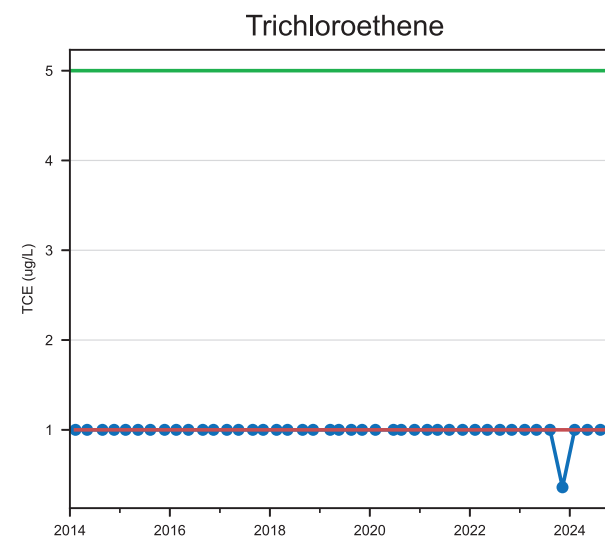
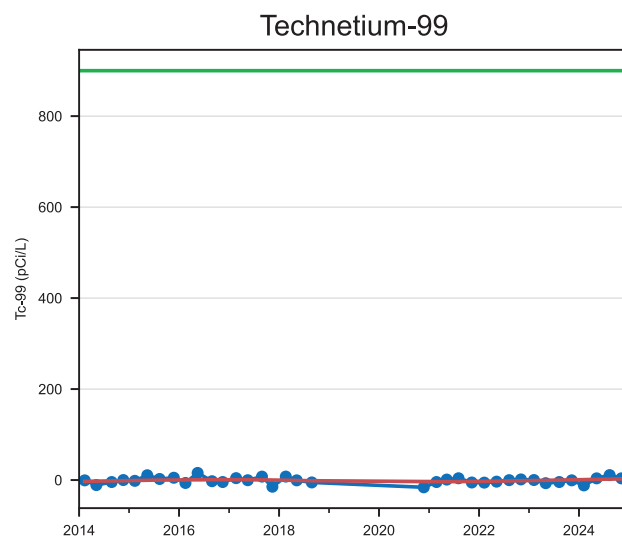
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Figure 318. Tc-99 and TCE at R245 (Unknown)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/11/2014	< -0.663	< 1.0
05/07/2014	< -11.0	< 1.0
08/27/2014	< -4.32	< 1.0
11/20/2014	< 0.0469	< 1.0
02/12/2015	< -1.7	< 1.0
05/14/2015	< 10.6	< 1.0
08/12/2015	< 2.38	< 1.0
11/24/2015	< 5.1	< 1.0
02/17/2016	< -6.39	< 1.0
05/16/2016	< 15.7	< 1.0
08/29/2016	< -2.51	< 1.0
11/15/2016	< -4.3	< 1.0
02/21/2017	< 4.22	< 1.0
05/17/2017	< -0.314	< 1.0
08/29/2017	< 7.61	< 1.0
11/13/2017	< -14.6	< 1.0
02/19/2018	< 7.68	< 1.0
05/10/2018	< -0.607	< 1.0
08/28/2018	< -5.2	< 1.0
11/13/2018		< 1.0
03/18/2019		< 1.0
05/20/2019		< 1.0
08/19/2019		< 1.0
11/06/2019		< 1.0
02/11/2020		< 1.0
06/22/2020		< 1.0
08/18/2020		< 1.0
11/23/2020	< -15.9	< 1.0
02/24/2021	< -4.31	< 1.0
05/10/2021	< 1.08	< 1.0
08/04/2021	< 3.97	< 1.0
11/09/2021	< -5.32	< 1.0
02/08/2022	< -5.62	< 1.0
05/09/2022	< -3.46	< 1.0
08/09/2022	< -0.178	< 1.0
11/03/2022	< 1.41	< 1.0
02/06/2023	< 0.0631	< 1.0
05/03/2023	< -6.85	< 1.0
08/10/2023	< -4.3	< 1.0
11/09/2023	< -0.577	0.36
02/06/2024	< -11.7	< 1.0
05/09/2024	< 3.76	< 1.0
08/12/2024	< 10.9	< 1.0
11/06/2024	< 3.77	< 1.0

Notes:

1. < indicates non-detect value below report detection limit.
 2. LOWESS stands for Locally Weighted Scatterplot Smoothing.
 A fraction of 0.5 was used, which affects how many points are considered to be local for each point.

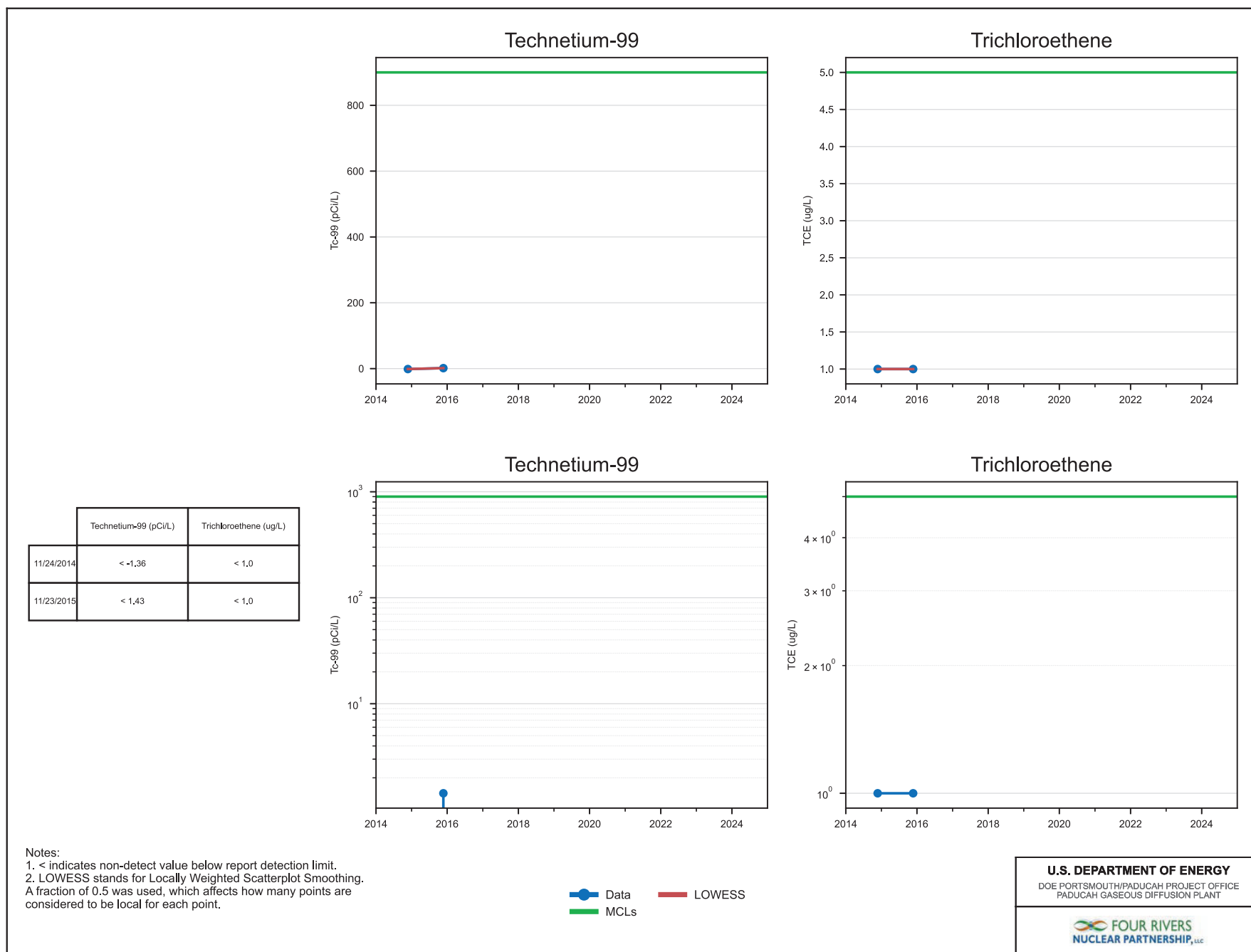


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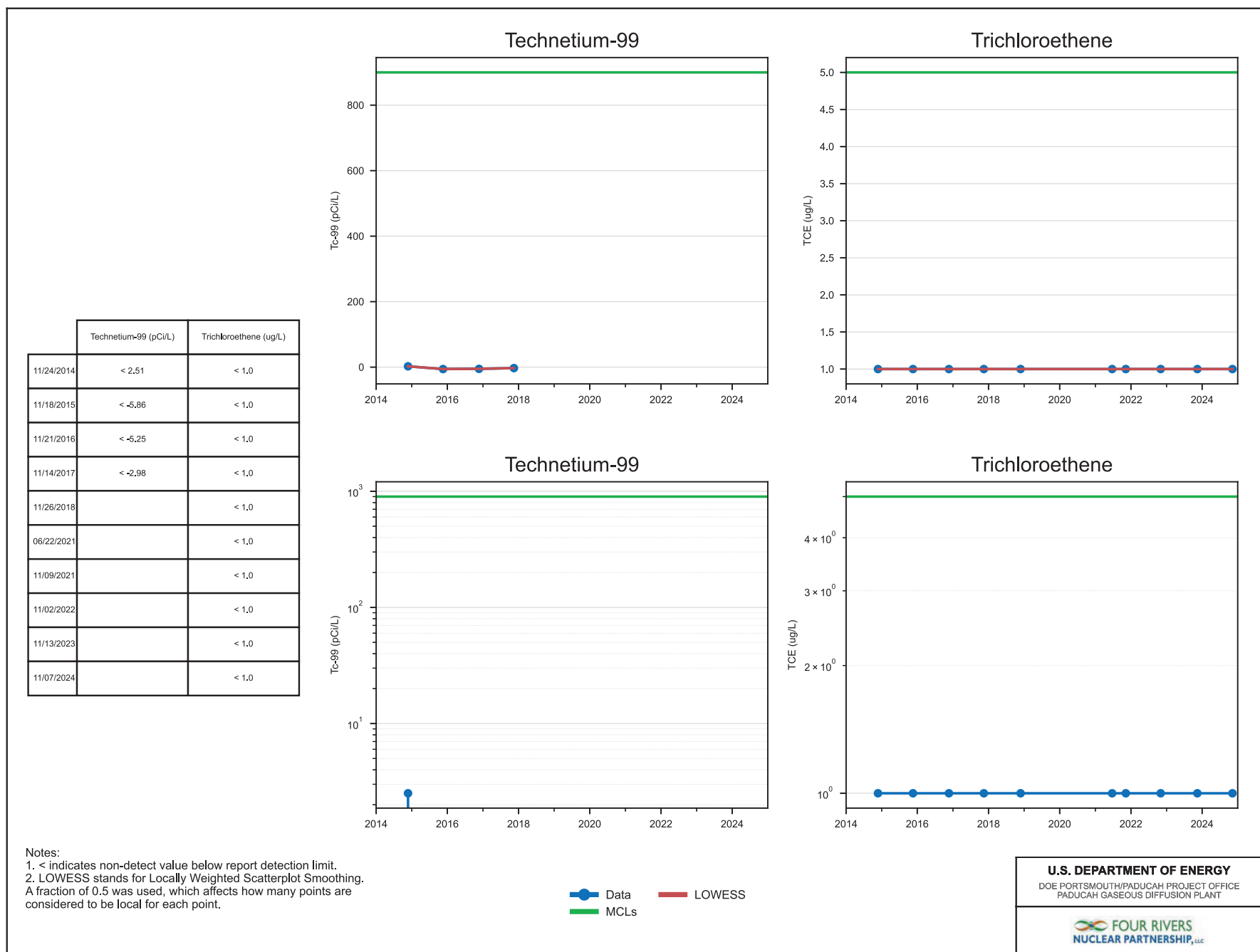
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Figure 319. Tc-99 and TCE at R26 (Unknown)



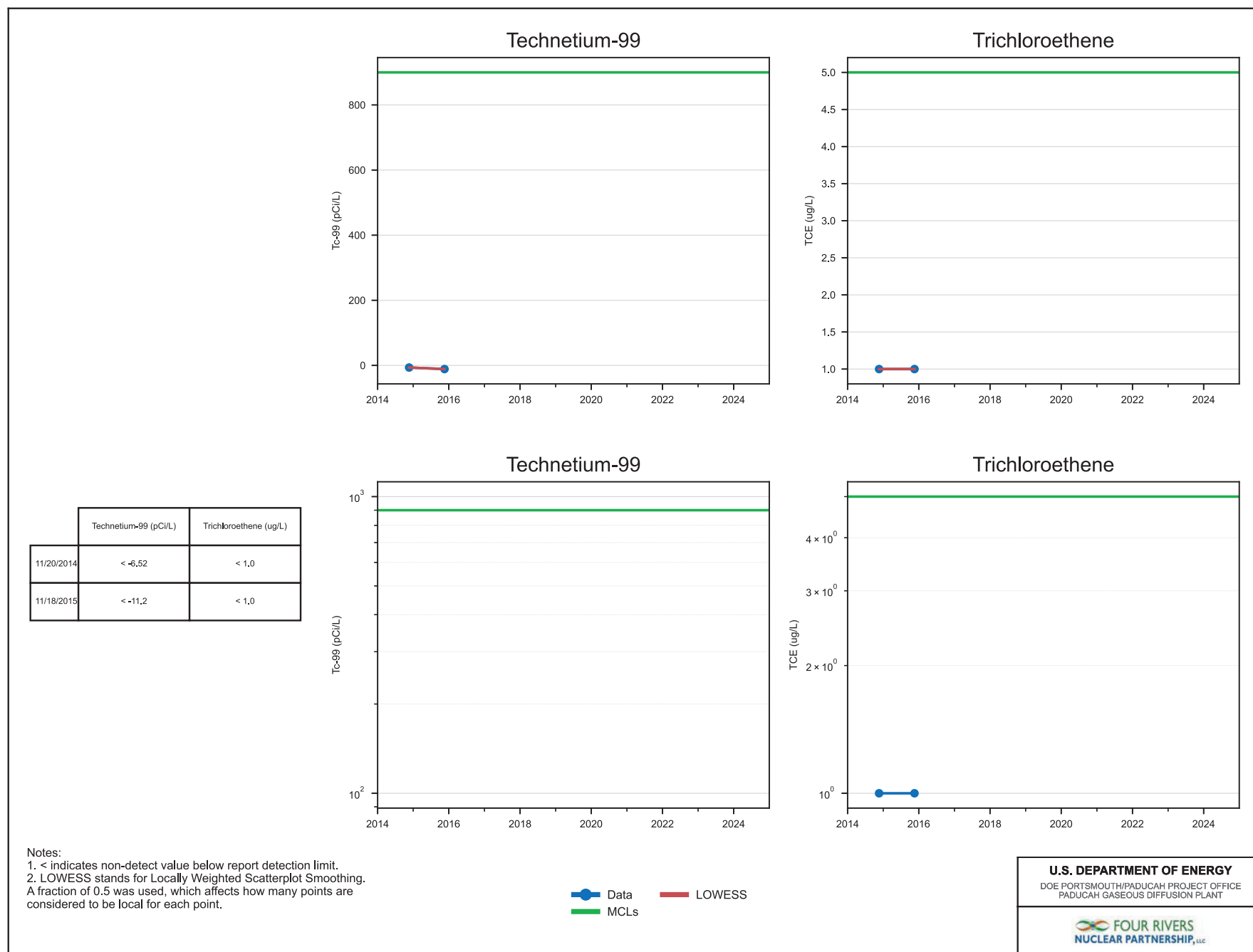
Source: Trend_Plots_V1.ipynb

Figure 320. Tc-99 and TCE at R294 (RGA)



Source: Trend_Plots_V1.ipynb

Figure 321. Tc-99 and TCE at R302 (RGA)



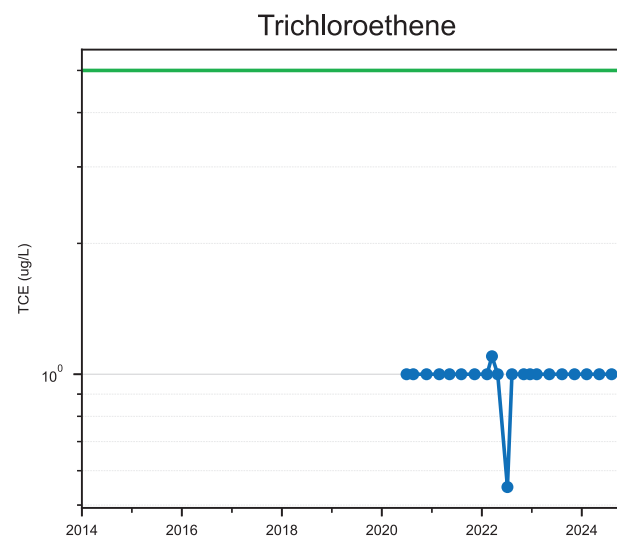
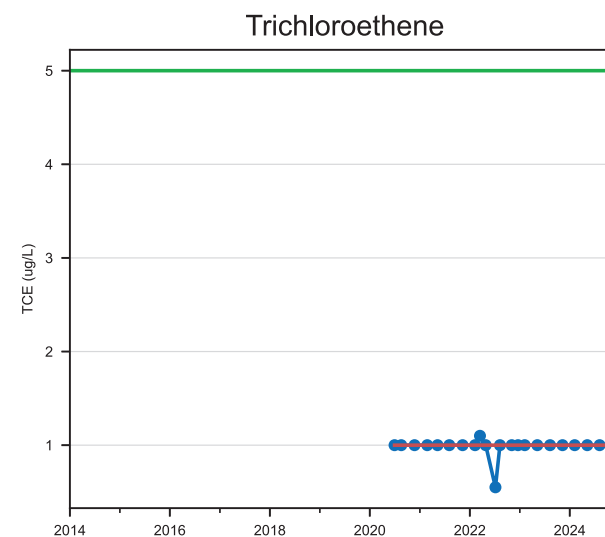
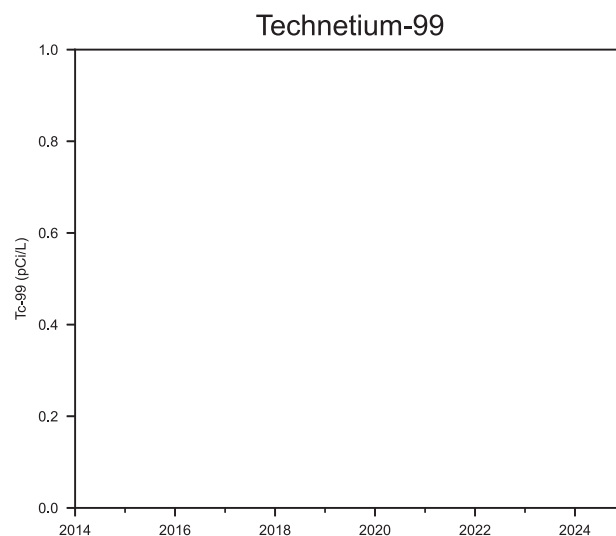
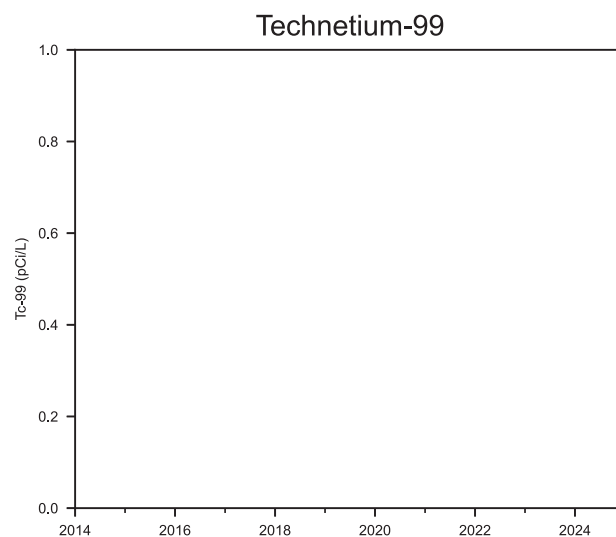
Source: Trend_Plots_V1.ipynb

Figure 322. Tc-99 and TCE at R387 (URGA)

	Trichloroethene (ug/L)
06/30/2020	< 1.0
08/18/2020	< 1.0
11/23/2020	< 1.0
02/24/2021	< 1.0
05/10/2021	< 1.0
08/04/2021	< 1.0
11/09/2021	< 1.0
02/08/2022	< 1.0
03/16/2022	1.1
04/27/2022	< 1.0
07/07/2022	0.55
08/09/2022	< 1.0
11/03/2022	< 1.0
12/19/2022	< 1.0
02/06/2023	< 1.0
05/09/2023	< 1.0
08/10/2023	< 1.0
11/09/2023	< 1.0
02/06/2024	< 1.0
05/08/2024	< 1.0
08/06/2024	< 1.0
11/07/2024	< 1.0

Notes:

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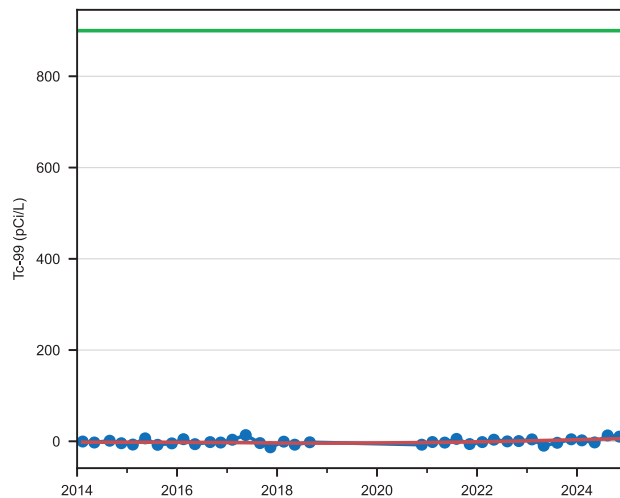
Figure 323. Tc-99 and TCE at R40 (Unknown)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
02/11/2014	< -0.459	< 1.0
05/07/2014	< -2.62	< 1.0
08/27/2014	< 1.29	< 1.0
11/20/2014	< -4.19	1.98
02/12/2015	< -7.1	< 1.0
05/13/2015	< 6.5	< 1.0
08/12/2015	< -7.63	< 1.0
11/24/2015	< -4.5	< 1.0
02/17/2016	< 4.69	< 1.0
05/11/2016	< -6.23	< 1.0
08/30/2016	< -1.71	2.02
11/15/2016	< -2.67	< 1.0
02/08/2017	< 3.44	1.47
05/17/2017	< 13.6	< 1.0
08/29/2017	< -3.86	< 1.0
11/13/2017	< -13.1	< 1.0
02/19/2018	< -0.745	< 1.0
05/10/2018	< -7.37	< 1.0
08/28/2018	< -2.09	< 1.0
11/13/2018		0.55
02/25/2019		< 1.0
05/20/2019		< 1.0
08/19/2019		< 1.0
11/06/2019		0.66
02/11/2020		< 1.0
06/22/2020		< 1.0
08/18/2020		< 1.0
11/23/2020	< -7.39	< 1.0
02/09/2021	< -1.56	< 1.0
05/10/2021	< -2.8	< 1.0
08/04/2021	< 5.29	< 1.0
11/08/2021	< -6.05	< 1.0
02/08/2022	< -1.69	< 1.0
05/04/2022	< 3.56	< 1.0
08/10/2022	< -0.127	< 1.0
11/02/2022	< 0.543	< 1.0
02/06/2023	< 4.22	1.02
04/26/2023		0.42
05/03/2023	< -9.53	3.78
08/10/2023	< -3.21	< 1.0
11/20/2023	< 4.43	< 1.0
02/06/2024	< 2.1	< 1.0
05/09/2024	< -2.46	< 1.0
08/12/2024	< 12.9	< 1.0
11/06/2024	< 10.3	< 1.0

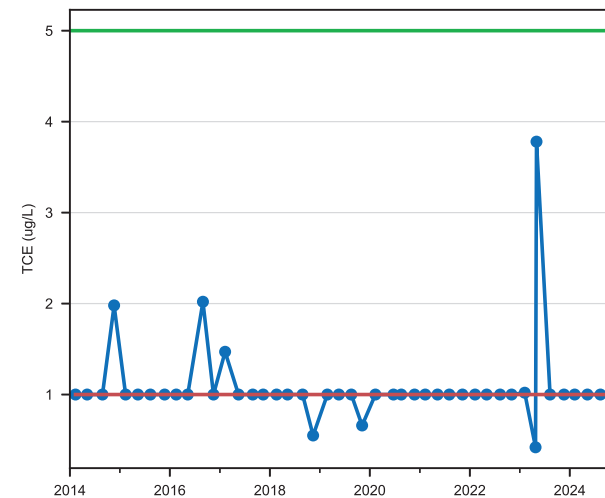
Notes:

1. < indicates non-detect value below report detection limit.
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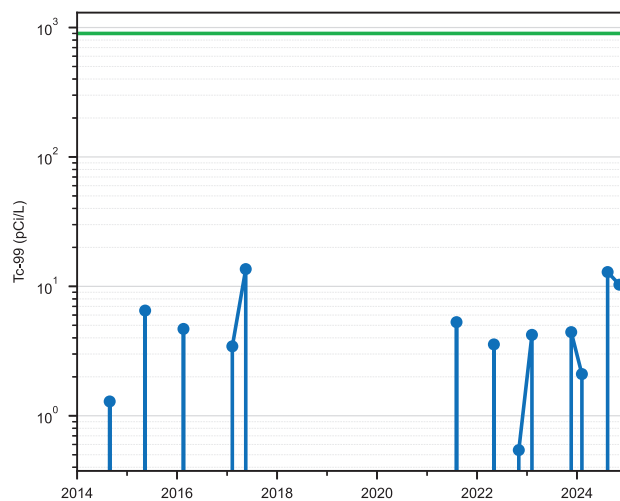
Technetium-99



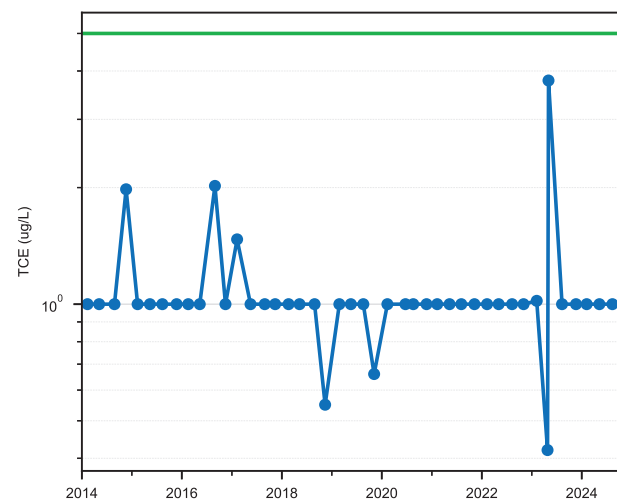
Trichloroethene



Technetium-99



Trichloroethene

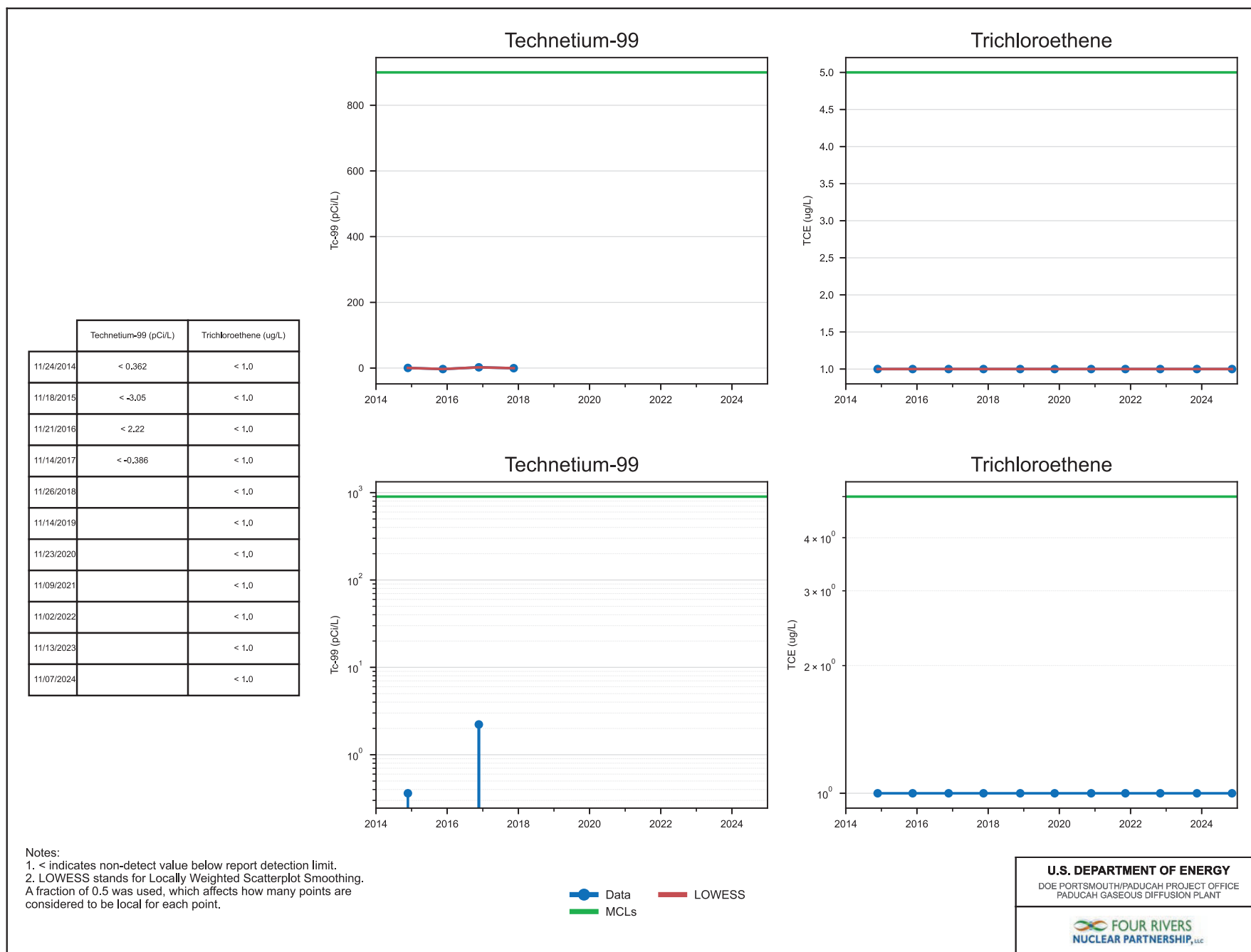


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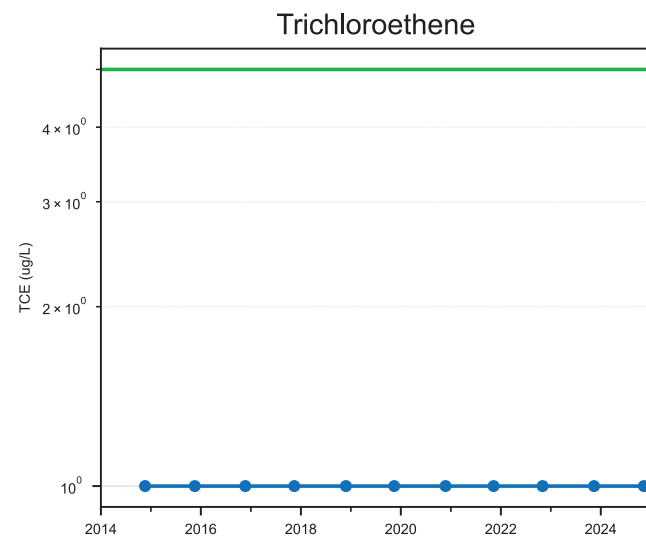
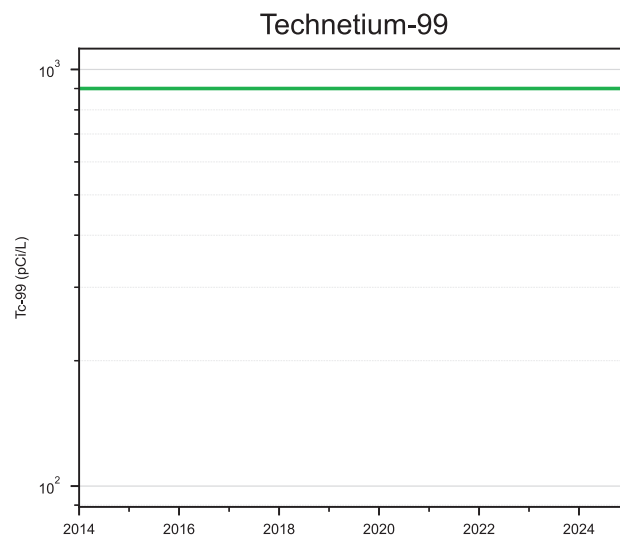
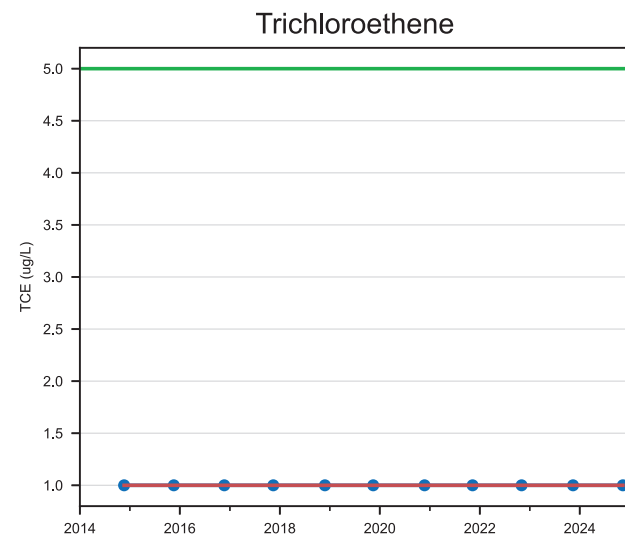
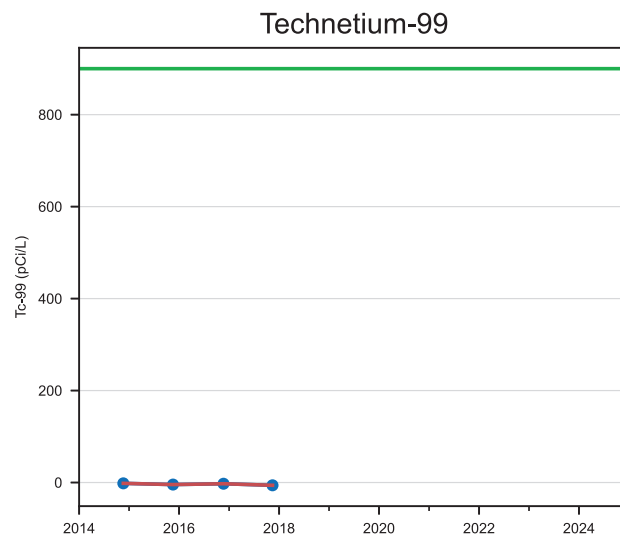
Figure 324. Tc-99 and TCE at R53 (Unknown)



Source: Trend_Plots_V1.ipynb

Figure 325. Tc-99 and TCE at R83 (Unknown)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
11/20/2014	< -1.77	< 1.0
11/18/2015	< -4.45	< 1.0
11/21/2016	< -2.64	< 1.0
11/14/2017	< -6.04	< 1.0
11/26/2018		< 1.0
11/14/2019		< 1.0
11/23/2020		< 1.0
11/09/2021		< 1.0
11/02/2022		< 1.0
11/13/2023		< 1.0
11/11/2024		< 1.0



Notes:

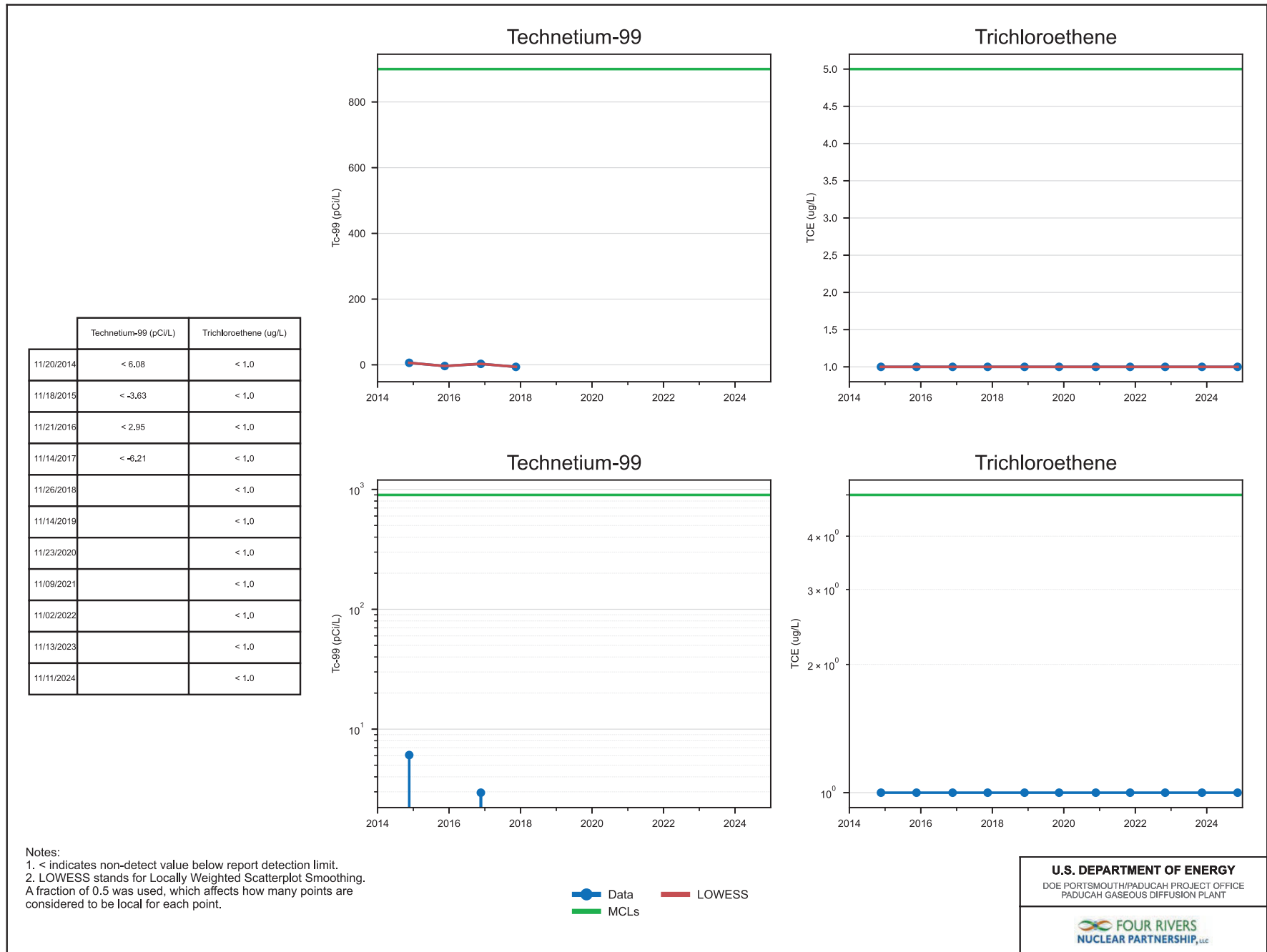
1. < indicates non-detect value below report detection limit.
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Figure 326. Tc-99 and TCE at R9 (Unknown)

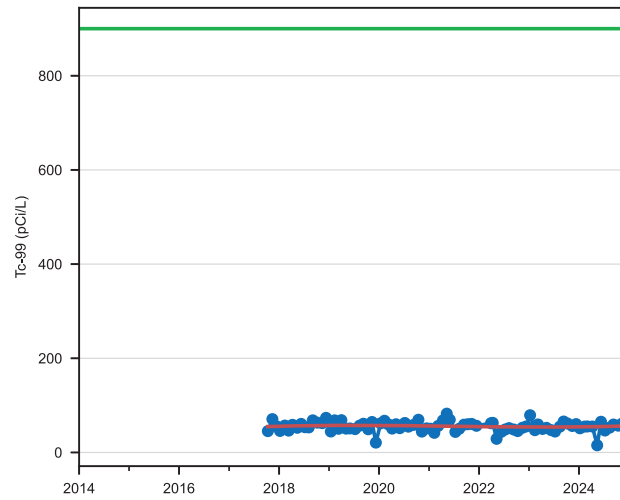


Source: Trend_Plots_V1.ipynb

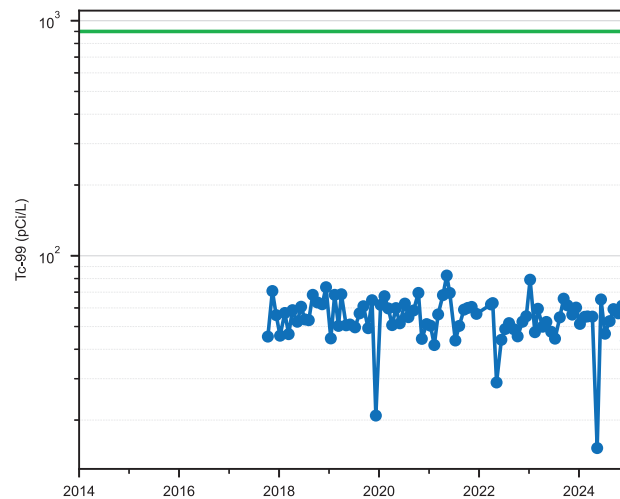
Figure 327. Tc-99 and TCE at R90 (Unknown)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
10/11/2017	45.3	243.0
11/13/2017	70.8	188.0
12/11/2017	55.9	186.0
01/08/2018	45.7	174.0
02/12/2018	57.1	140.0
03/12/2018	46.4	173.0
04/09/2018	58.7	167.0
05/14/2018	52.4	200.0
06/11/2018	60.7	158.0
07/09/2018	53.6	180.0
08/06/2018	53.2	160.0
09/04/2018	68.2	176.0
10/05/2018	63.3	164.0
11/12/2018	62.2	180.0
12/10/2018	73.5	152.0
01/14/2019	44.5	134.0
02/11/2019	88.2	128.0
03/11/2019	50.3	137.0
04/01/2019	68.6	142.0
05/08/2019	50.6	110.0
06/03/2019	51.0	124.0
07/10/2019	49.6	130.0
08/12/2019	56.9	135.0
09/09/2019	61.0	131.0
10/14/2019	49.2	131.0
11/11/2019	64.7	138.0
12/09/2019	< 20.9	144.0
01/13/2020	61.8	172.0
02/10/2020	67.3	147.0
03/09/2020	59.7	152.0
04/08/2020	50.7	196.0
05/04/2020	59.9	178.0
06/01/2020	51.6	198.0
07/08/2020	62.8	222.0
08/03/2020	54.8	198.0
09/09/2020	58.5	212.0
10/15/2020	69.5	266.0
11/09/2020	44.3	223.0
12/14/2020	51.2	230.0
01/11/2021	50.4	235.0
02/08/2021	41.7	294.0
03/08/2021	56.3	275.0
04/12/2021	68.0	277.0
05/10/2021	82.4	300.0
06/01/2021	69.5	346.0
07/12/2021	43.6	345.0
08/09/2021	59.3	327.0
09/13/2021	59.0	332.0
10/11/2021	60.0	308.0
11/08/2021	60.6	485.0
12/13/2021	56.6	319.0
01/29/2022	62.1	493.0
04/11/2022	62.9	333.0
05/09/2022	28.9	295.0
06/13/2022	43.9	273.0
07/11/2022	48.8	372.0
08/08/2022	51.7	326.0
09/12/2022	48.7	334.0
10/10/2022	45.4	64.9
11/14/2022	52.4	
12/12/2022	55.3	313.0
01/09/2023	79.1	244.0
02/13/2023	47.3	277.0
03/07/2023	59.5	319.0
04/10/2023	49.9	288.0
05/08/2023	52.3	161.0
06/12/2023	47.5	89.7
07/10/2023	44.4	56.2
08/14/2023	54.7	37.4
09/11/2023	65.7	33.6
10/09/2023	61.5	27.2
11/13/2023	56.2	32.8
12/11/2023	60.2	32.2
01/08/2024	51.3	30.4
02/12/2024	55.0	29.2
03/04/2024	55.2	27.1
04/08/2024	55.1	26.4
05/13/2024	< 15.2	17.3
06/10/2024	65.2	21.5
07/09/2024	46.6	18.3
08/12/2024	52.7	14.8
09/09/2024	59.3	13.8
10/14/2024	56.9	13.0
11/11/2024	61.3	14.4
12/09/2024	43.5	12.1

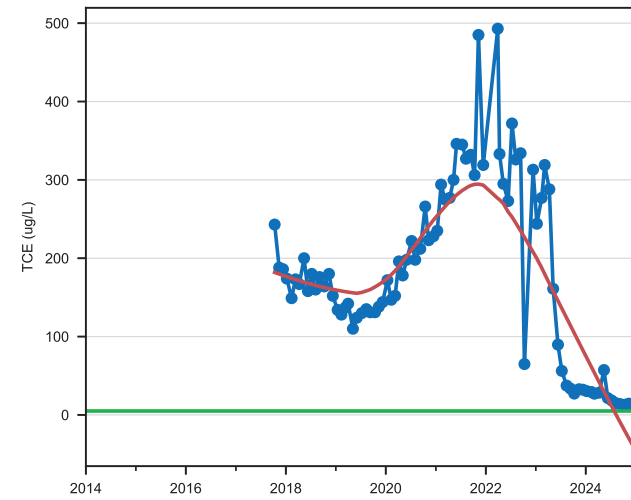
Technetium-99



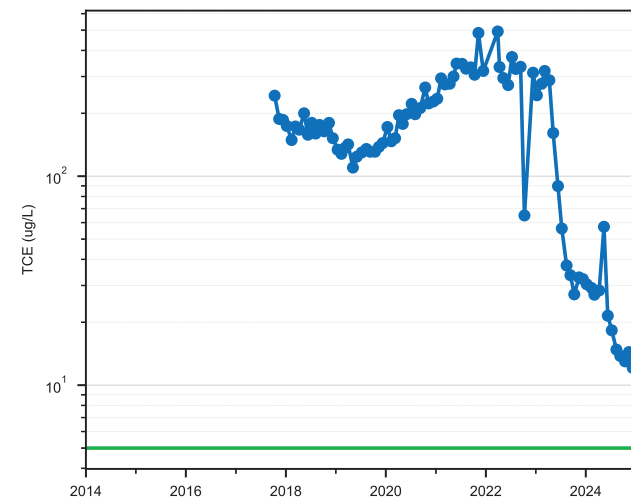
Technetium-99



Trichloroethene



Trichloroethene



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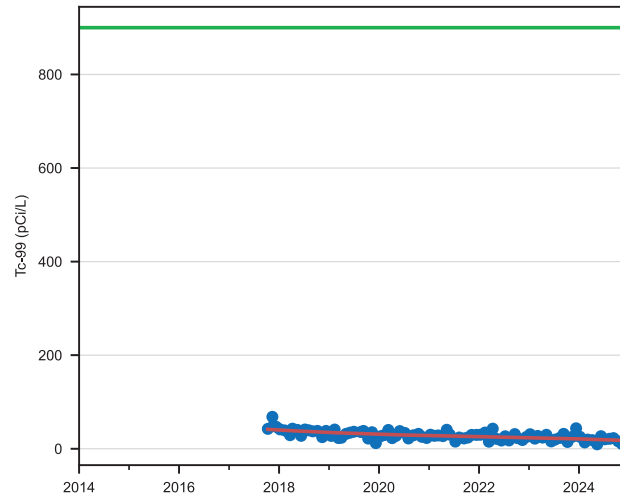
Figure 328. Tc-99 and TCE at SP234/EW234 (RGA)

	Technetium-99 (pCi/L)	Trichloroethene (ug/L)
10/11/2017	42.5	163.0
11/13/2017	68.2	150.0
12/11/2017	46.8	177.0
01/09/2018	41.4	163.0
02/12/2018	39.1	135.0
03/22/2018	29.0	133.0
04/09/2018	42.9	147.0
05/14/2018	106.0	166.0
06/11/2018	27.6	141.0
07/09/2018	41.1	177.0
08/06/2018	39.4	153.0
09/04/2018	37.2	160.0
10/08/2018	38.2	167.0
11/12/2018	24.8	163.0
12/10/2018	38.1	160.0
01/11/2019	27.4	205.0
02/11/2019	41.0	129.0
03/11/2019	22.9	116.0
04/01/2019	23.5	159.0
05/05/2019	31.9	122.0
06/03/2019	34.3	144.0
07/01/2019	36.3	133.0
08/21/2019	35.8	151.0
09/09/2019	38.1	142.0
10/14/2019	21.8	144.0
11/11/2019	35.3	154.0
12/09/2019	< 22.0	144.0
01/13/2020	29.7	184.0
02/10/2020	29.3	146.0
03/09/2020	40.1	135.0
04/06/2020	167.0	22.7
05/04/2020	27.5	144.0
06/01/2020	37.7	146.0
07/08/2020	33.7	143.0
08/03/2020	22.0	135.0
09/09/2020	28.8	132.0
10/15/2020	31.8	123.0
11/09/2020	25.5	136.0
12/14/2020	23.0	131.0
01/11/2021	30.0	133.0
02/08/2021	27.6	145.0
03/08/2021	28.4	141.0
04/12/2021	27.0	154.0
05/10/2021	40.5	147.0
06/01/2021	30.2	152.0
07/12/2021	< 15.3	132.0
08/09/2021	21.0	
09/13/2021	22.0	
10/11/2021	23.9	126.0
11/08/2021	28.6	113.0
12/13/2021	28.6	118.0
01/11/2022	29.9	158.0
02/14/2022	34.6	130.0
03/14/2022	18.1	150.0
04/11/2022	42.9	109.0
05/09/2022	21.2	106.0
06/13/2022	< 17.6	118.0
07/11/2022	26.6	
08/08/2022	< 17.8	116.0
09/19/2022	31.3	132.0
10/10/2022	22.6	35.4
11/14/2022	18.6	
12/12/2022	25.0	106.0
01/09/2023	31.0	118.0
02/13/2023	21.6	96.3
03/08/2023	27.4	92.2
04/10/2023	23.8	95.7
05/08/2023	29.8	71.5
06/12/2023	< 18.7	86.5
07/10/2023	< 19.5	72.8
08/14/2023	< 23.1	75.5
09/11/2023	31.8	61.5
10/09/2023	< 14.5	53.9
11/13/2023	25.5	68.0
12/11/2023	43.7	64.6
01/08/2024	25.5	65.5
02/12/2024	< 13.5	59.1
03/04/2024	19.5	57.9
04/08/2024	< 18.4	62.0
05/13/2024	< 9.5	60.8
06/10/2024	28.8	54.4
07/09/2024	20.2	54.5
08/12/2024	21.3	42.1
09/09/2024	22.7	47.0
10/14/2024	< 15.8	44.7
11/11/2024	< 9.99	47.2
12/09/2024	19.7	42.6

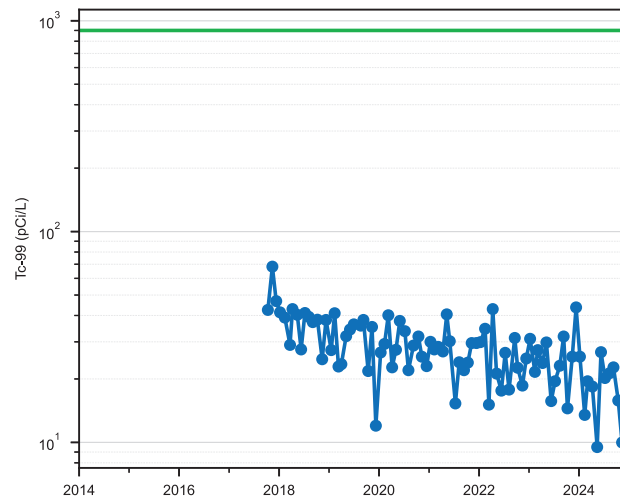
Notes:

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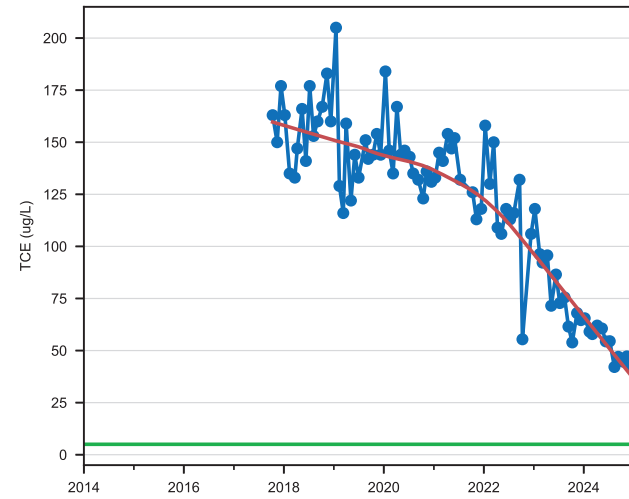
Technetium-99



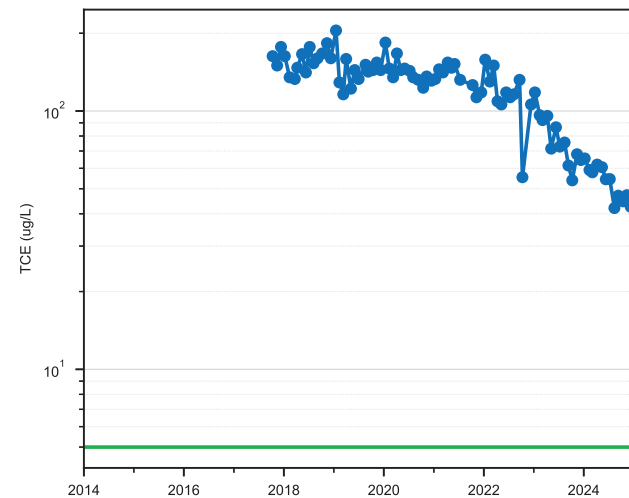
Technetium-99



Trichloroethene



Trichloroethene



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Figure 329. Tc-99 and TCE at SP235/EW235 (RGA)