

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046354.D
 Acq On : 23 May 2025 18:45
 Operator : JC/MD
 Sample : Q2123-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: May 23 23:06:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

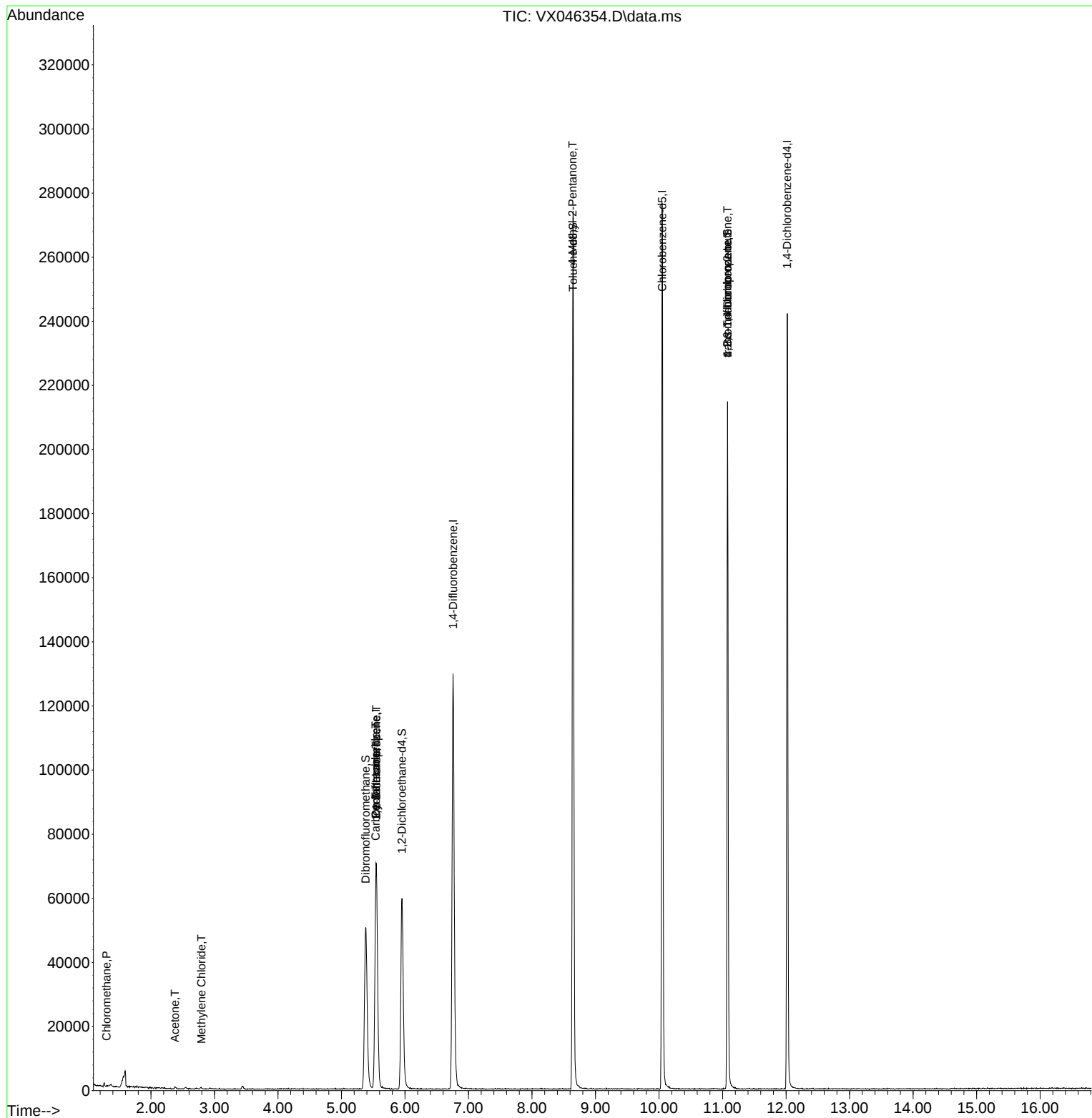
Internal Standards						
1) Pentafluorobenzene	5.544	168	59415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	120044	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	112241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	44717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61040	55.106	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.220%	
35) Dibromofluoromethane	5.379	113	43693	50.545	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.080%	
50) Toluene-d8	8.647	98	152091	50.833	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.660%	
62) 4-Bromofluorobenzene	11.079	95	55774	48.598	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 97.200%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	448	0.508	ug/l	89
16) Acetone	2.380	43	745	1.677	ug/l #	89
20) Methylene Chloride	2.794	84	252	0.296	ug/l #	62
31) Cyclohexane	5.544	56	1820	1.379	ug/l #	40
36) 1,1-Dichloropropene	5.550	75	6225	5.360	ug/l #	50
38) Carbon Tetrachloride	5.538	117	7494	5.742	ug/l #	15
51) 4-Methyl-2-Pentanone	8.641	43	892	0.614	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31891	29.629	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	31891	96.461	ug/l #	1

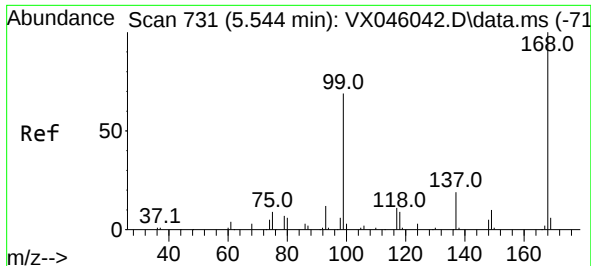
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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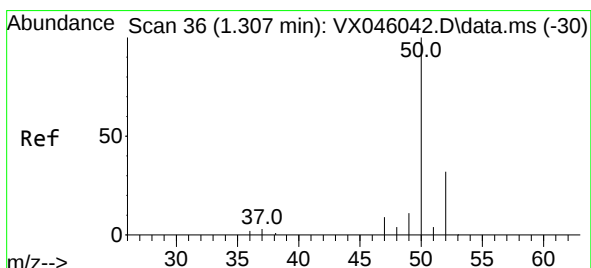
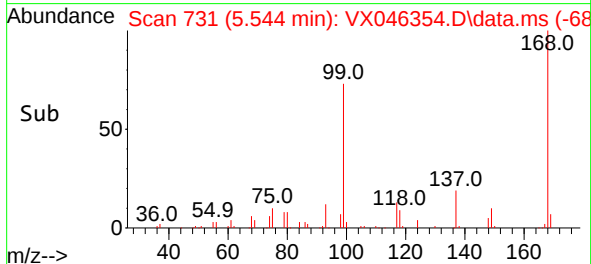
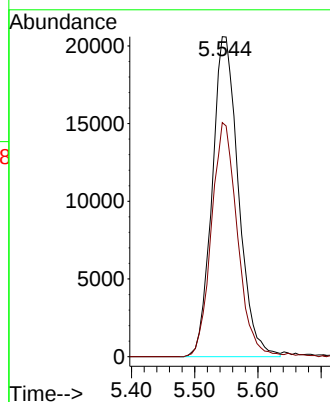
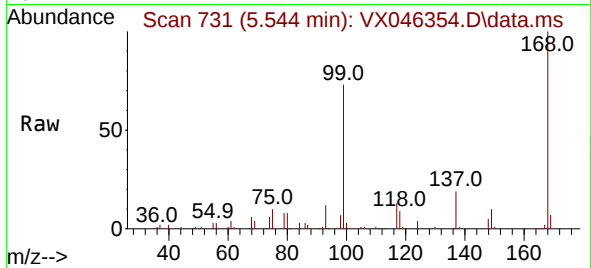




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046354.D
Acq: 23 May 2025 18:45

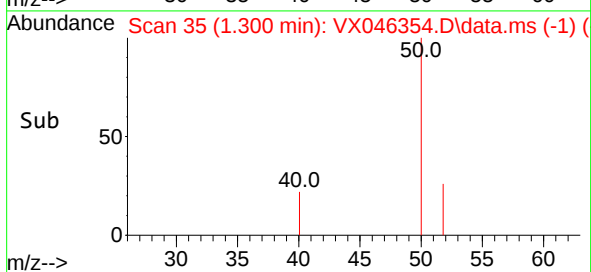
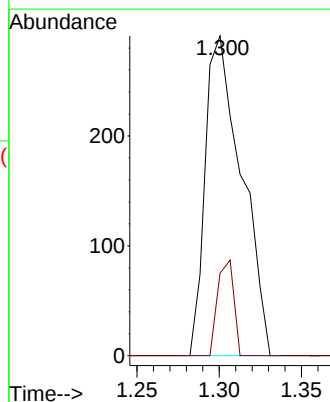
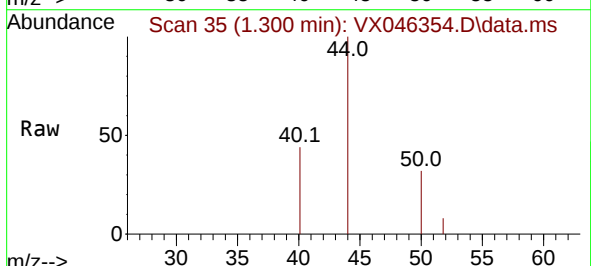
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

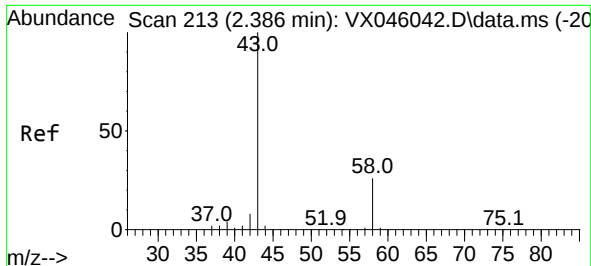
Tgt Ion:168 Resp: 59415
Ion Ratio Lower Upper
168 100
99 73.2 54.9 82.3



#3
Chloromethane
Concen: 0.508 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX046354.D
Acq: 23 May 2025 18:45

Tgt Ion: 50 Resp: 448
Ion Ratio Lower Upper
50 100
52 25.8 25.4 38.2

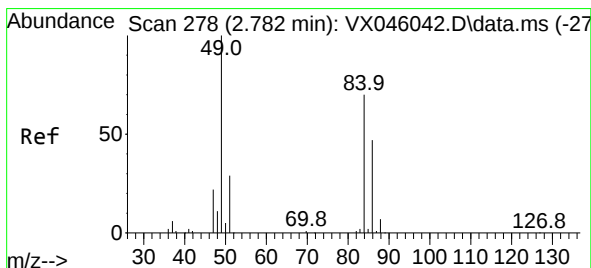
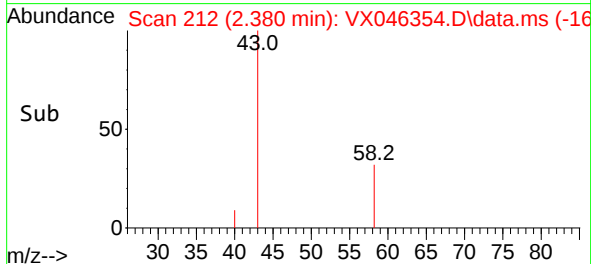
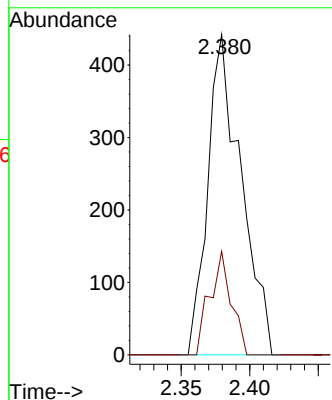
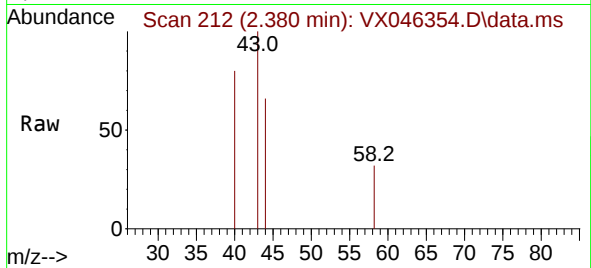




#16
Acetone
Concen: 1.677 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046354.D
Acq: 23 May 2025 18:45

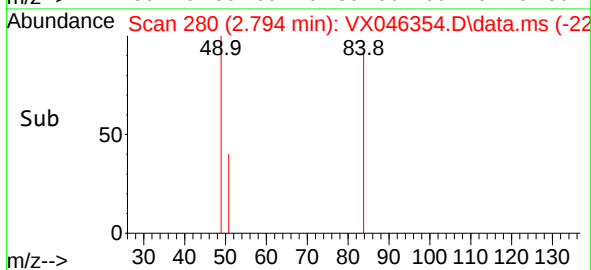
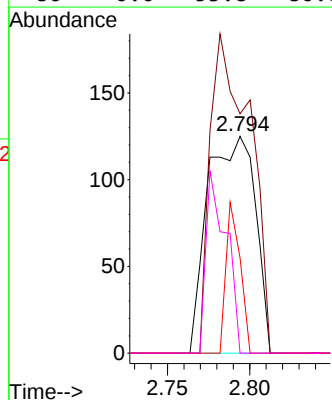
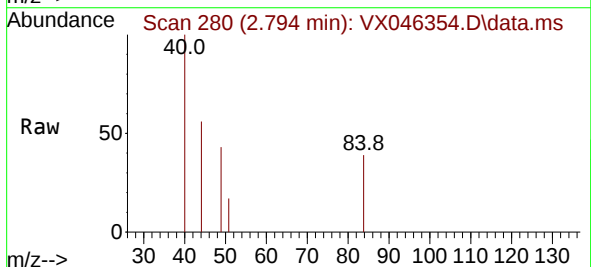
Instrument :
MSVOA_X
ClientSampleId :
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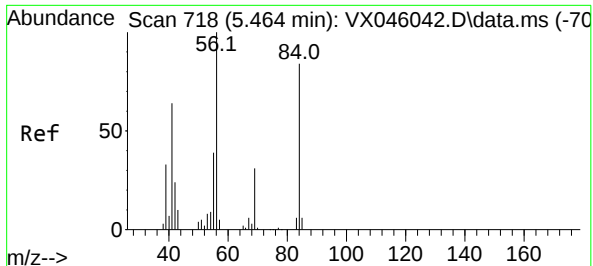
Tgt Ion: 43 Resp: 745
Ion Ratio Lower Upper
43 100
58 32.4 21.2 31.8#



#20
Methylene Chloride
Concen: 0.296 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.012 min
Lab File: VX046354.D
Acq: 23 May 2025 18:45

Tgt Ion: 84 Resp: 252
Ion Ratio Lower Upper
84 100
49 110.4 113.9 170.9#
51 44.0 33.5 50.3
86 0.0 53.8 80.8#

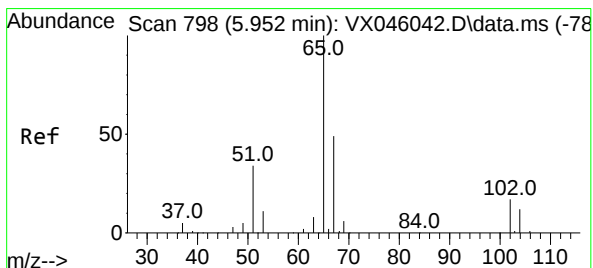
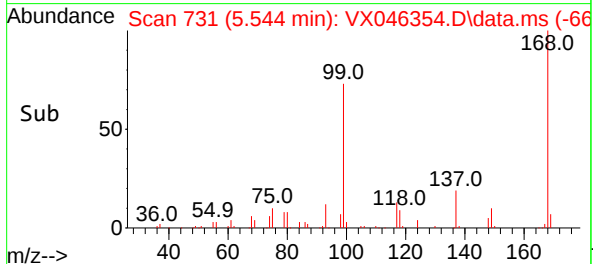
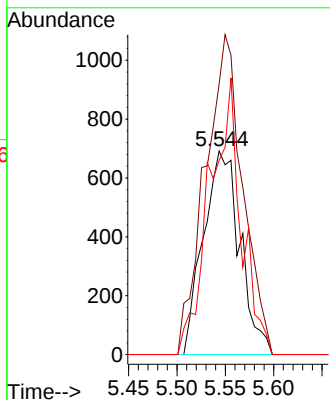
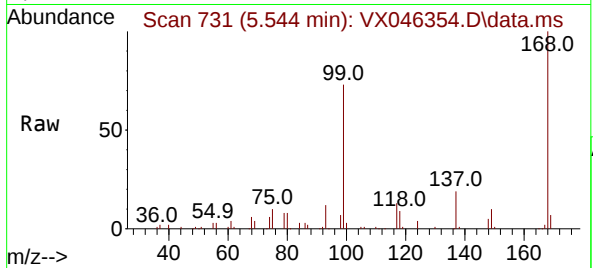




#31
Cyclohexane
Concen: 1.379 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046354.D
Acq: 23 May 2025 18:45

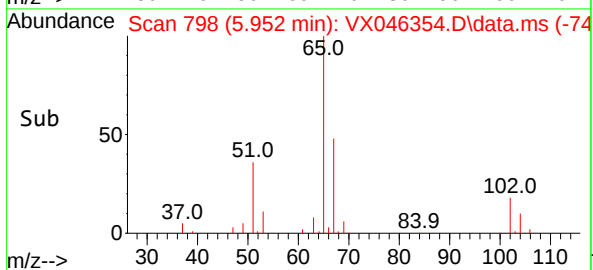
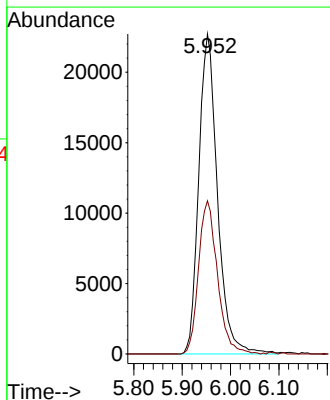
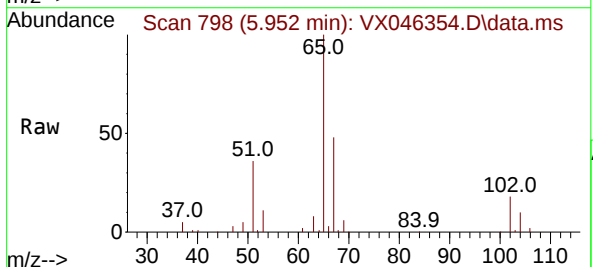
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

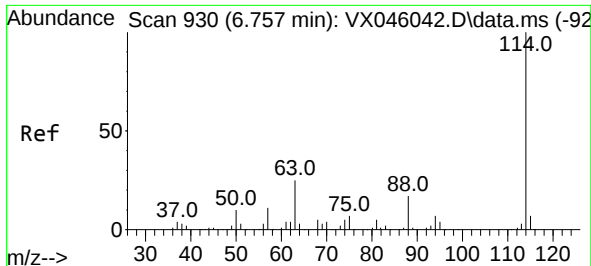
Tgt Ion: 56 Resp: 1820
Ion Ratio Lower Upper
56 100
69 133.1 24.4 36.6#
84 95.5 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 55.106 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046354.D
Acq: 23 May 2025 18:45

Tgt Ion: 65 Resp: 61040
Ion Ratio Lower Upper
65 100
67 48.5 0.0 99.0

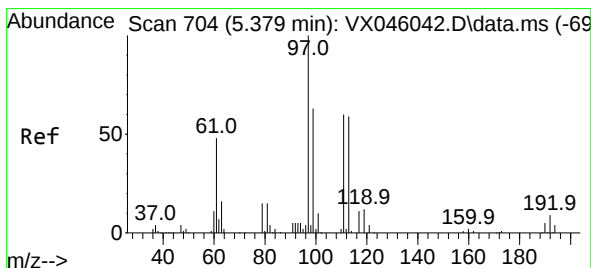
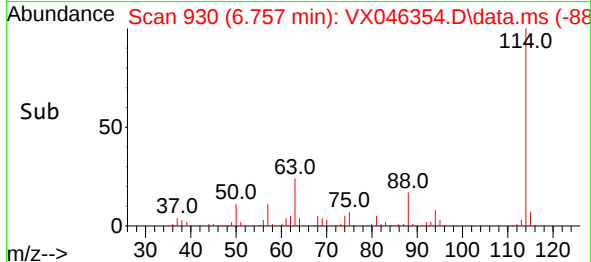
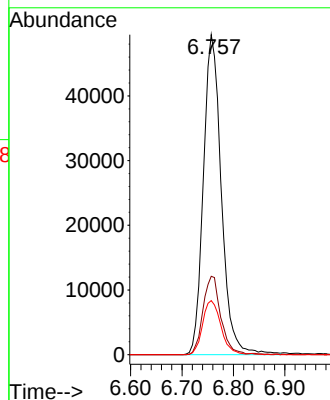
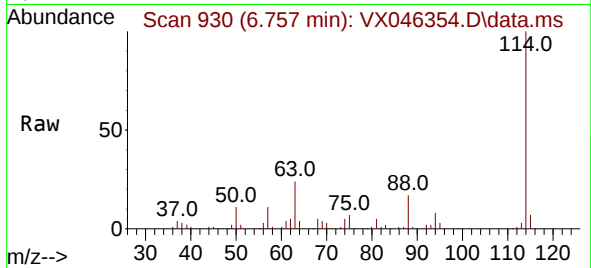




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046354.D
Acq: 23 May 2025 18:45

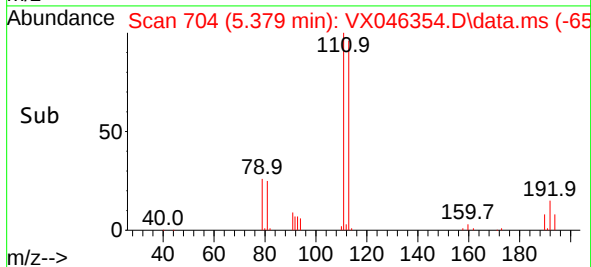
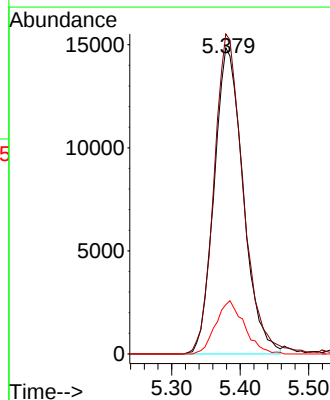
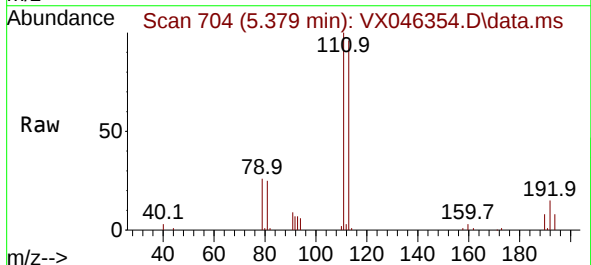
Instrument :
MSVOA_X
ClientSampleId :
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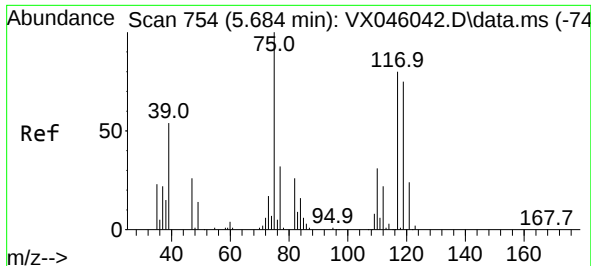
Tgt Ion:114 Resp: 120044
Ion Ratio Lower Upper
114 100
63 24.5 0.0 49.2
88 16.9 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.545 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046354.D
Acq: 23 May 2025 18:45

Tgt Ion:113 Resp: 43693
Ion Ratio Lower Upper
113 100
111 104.8 83.1 124.7
192 17.1 13.3 19.9

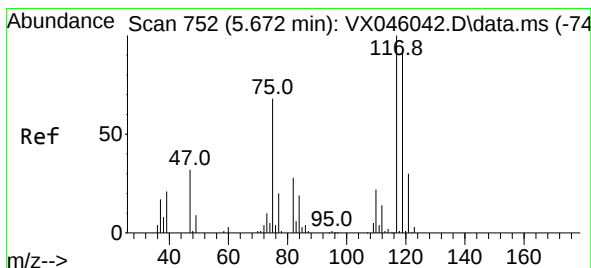
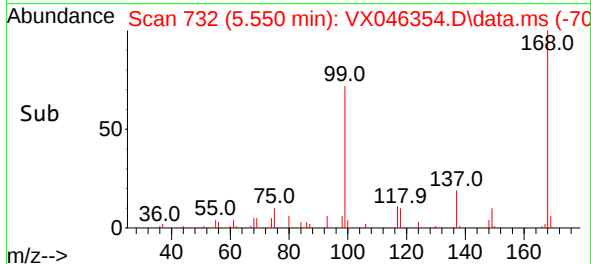
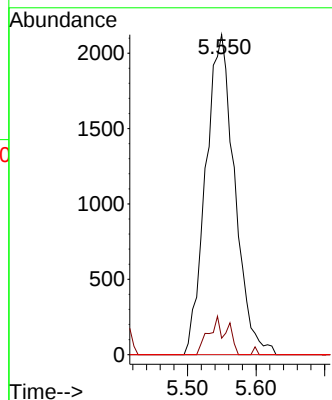
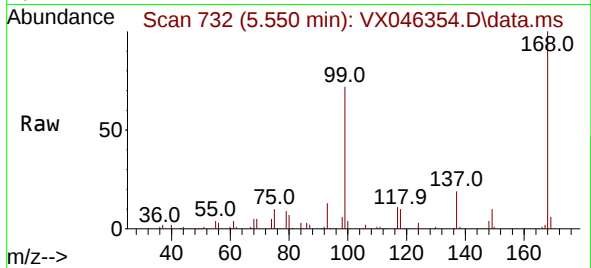




#36
1,1-Dichloropropene
Concen: 5.360 ug/l
RT: 5.550 min Scan# 710
Delta R.T. -0.134 min
Lab File: VX046354.D
Acq: 23 May 2025 18:45

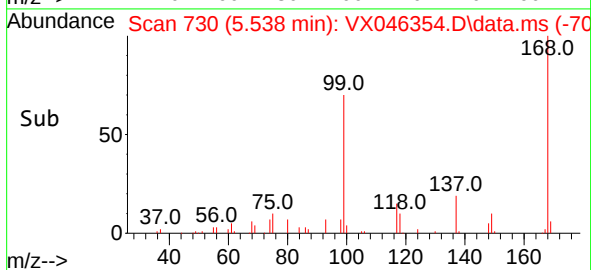
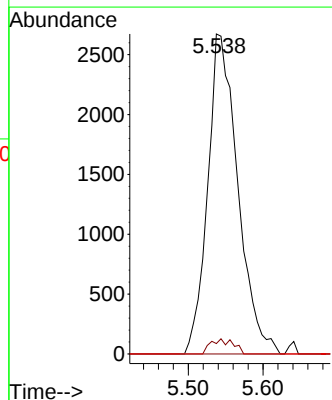
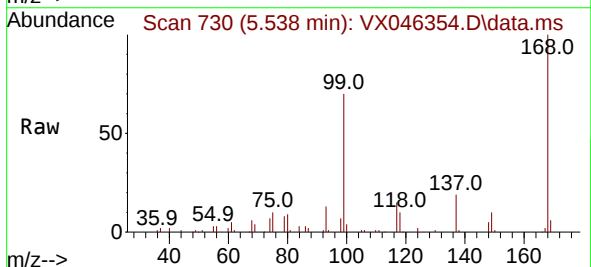
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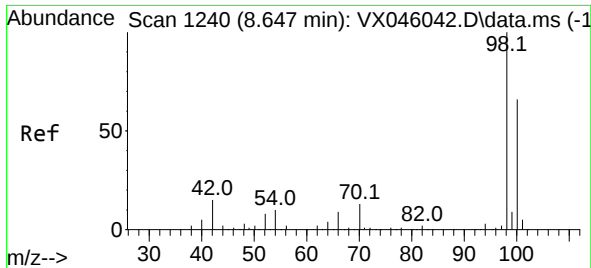
Tgt Ion: 75 Resp: 6225
Ion Ratio Lower Upper
75 100
110 7.6 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.742 ug/l
RT: 5.538 min Scan# 730
Delta R.T. -0.134 min
Lab File: VX046354.D
Acq: 23 May 2025 18:45

Tgt Ion: 117 Resp: 7494
Ion Ratio Lower Upper
117 100
119 3.3 75.2 112.8#
121 0.0 24.2 36.4#

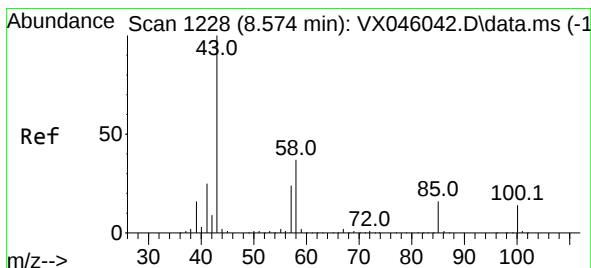
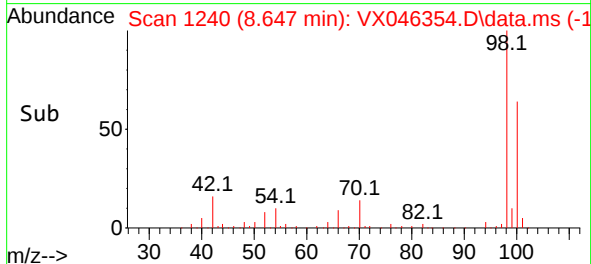
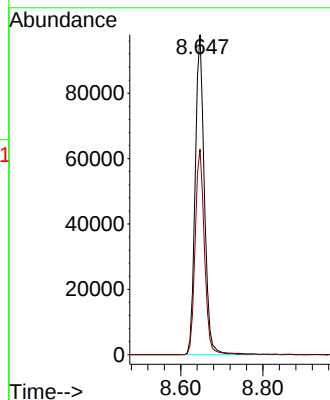
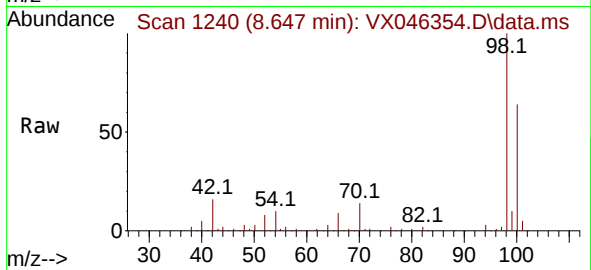




#50
Toluene-d8
Concen: 50.833 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046354.D
Acq: 23 May 2025 18:45

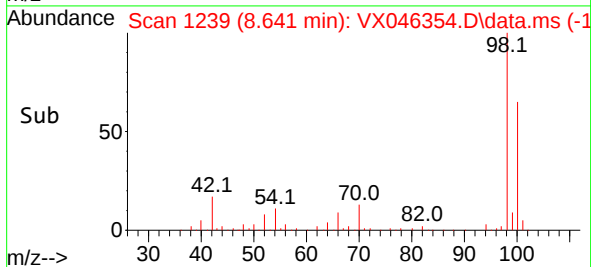
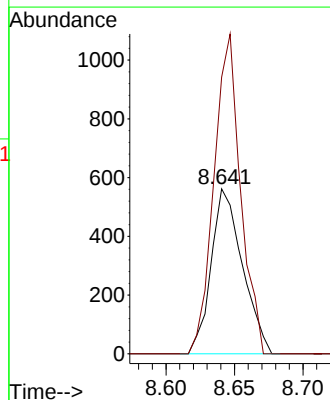
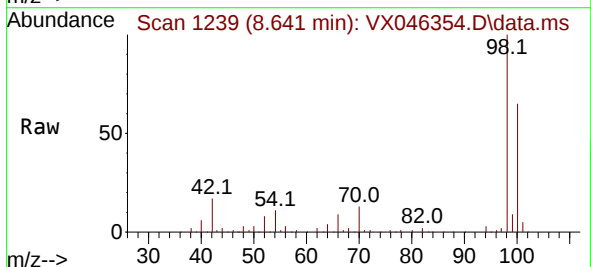
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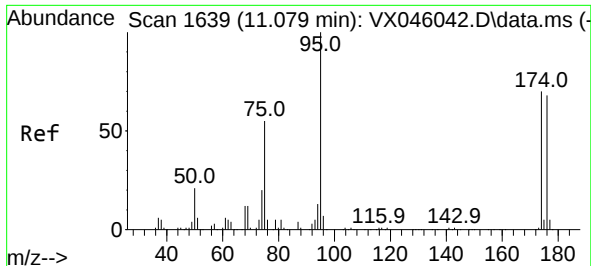
Tgt Ion: 98 Resp: 152091
Ion Ratio Lower Upper
98 100
100 64.7 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.614 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX046354.D
Acq: 23 May 2025 18:45

Tgt Ion: 43 Resp: 892
Ion Ratio Lower Upper
43 100
58 164.9 28.9 43.3#

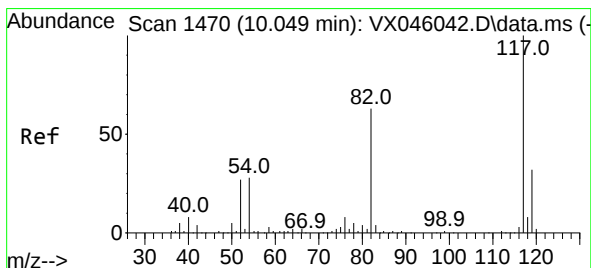
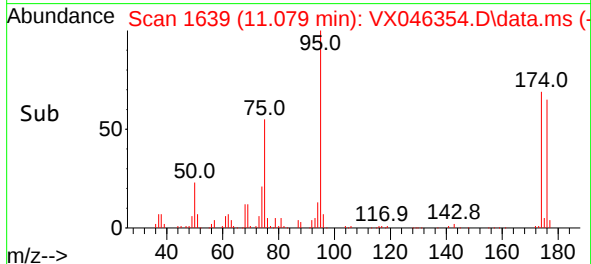
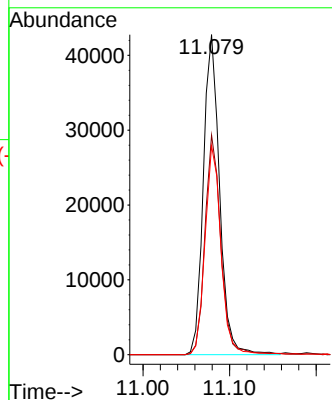
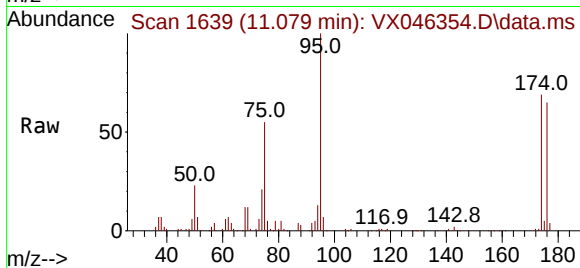




#62
4-Bromofluorobenzene
Concen: 48.598 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046354.D
Acq: 23 May 2025 18:45

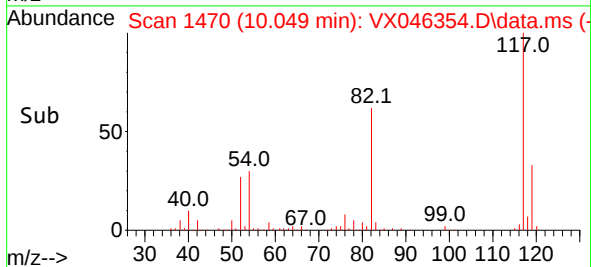
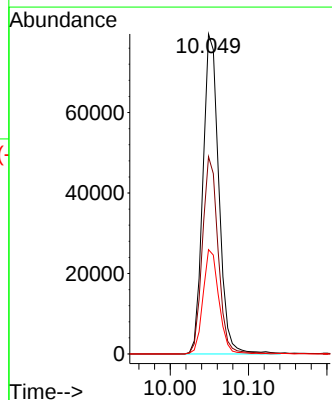
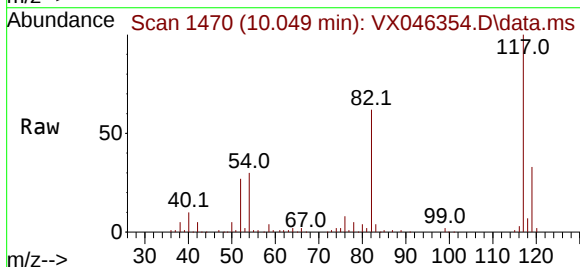
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

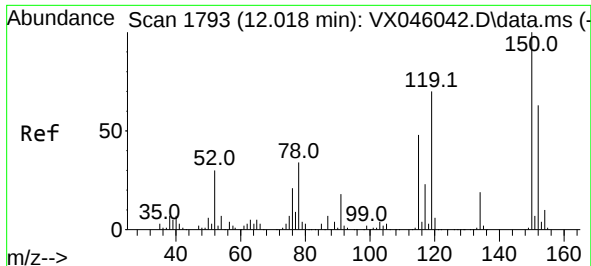
Tgt Ion: 95 Resp: 55774
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.8
176 64.7 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046354.D
Acq: 23 May 2025 18:45

Tgt Ion: 117 Resp: 112241
Ion Ratio Lower Upper
117 100
82 61.7 50.6 76.0
119 32.6 25.8 38.6

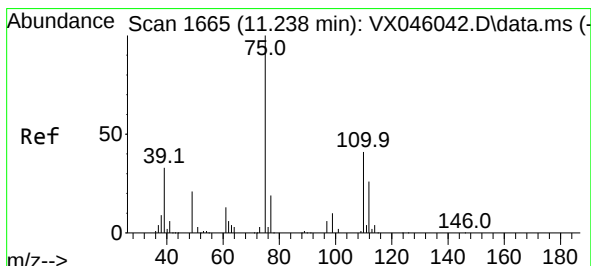
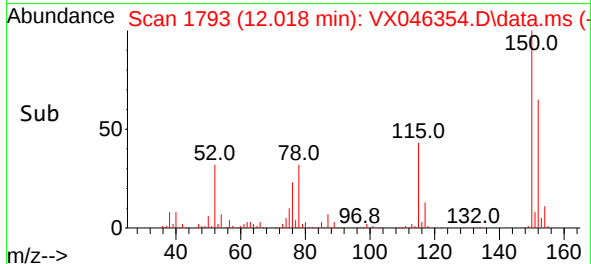
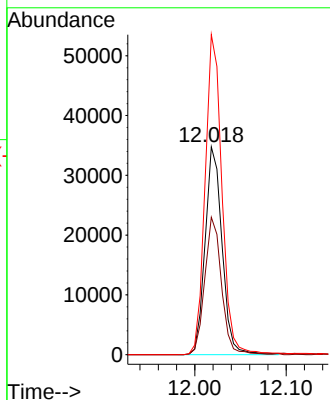
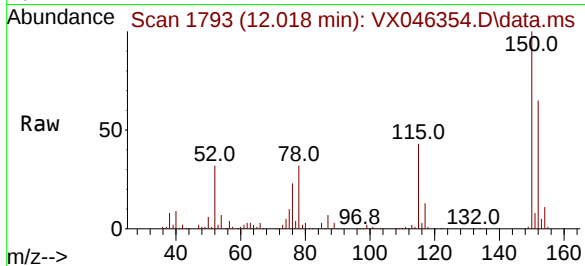




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046354.D
 Acq: 23 May 2025 18:45

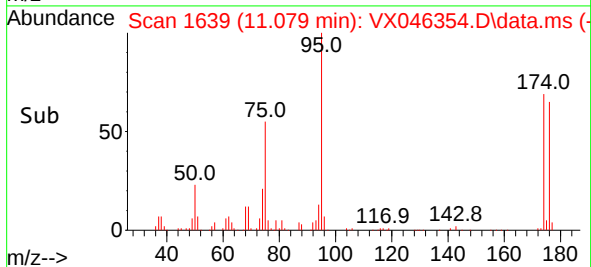
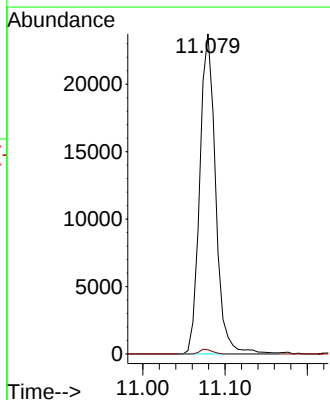
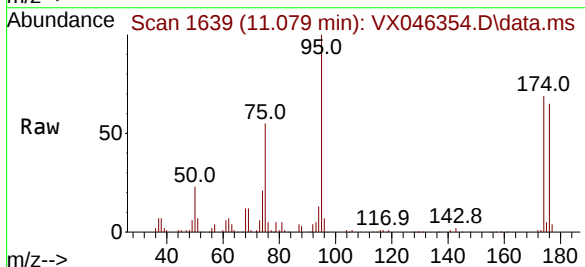
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

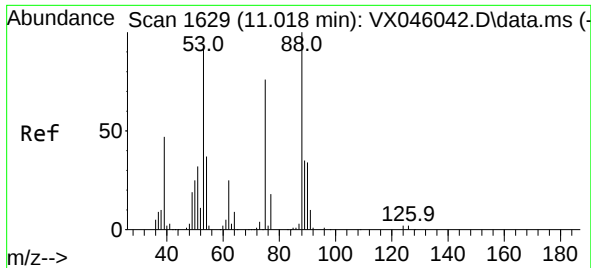
Tgt Ion:152 Resp: 44717
 Ion Ratio Lower Upper
 152 100
 115 65.4 46.9 140.7
 150 152.8 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 29.629 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046354.D
 Acq: 23 May 2025 18:45

Tgt Ion: 75 Resp: 31891
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.461 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046354.D
 Acq: 23 May 2025 18:45

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 31891
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

