

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
 Data File : VX046883.D
 Acq On : 03 Jul 2025 13:34
 Operator : JC/MD
 Sample : Q2501-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Jul 04 01:31:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	431836	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	746079	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	689914	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	354597	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	290988	51.006	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.020%
35) Dibromofluoromethane	5.397	113	241307	47.648	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.300%
50) Toluene-d8	8.647	98	900554	50.400	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.800%
62) 4-Bromofluorobenzene	11.079	95	346478	51.020	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.040%

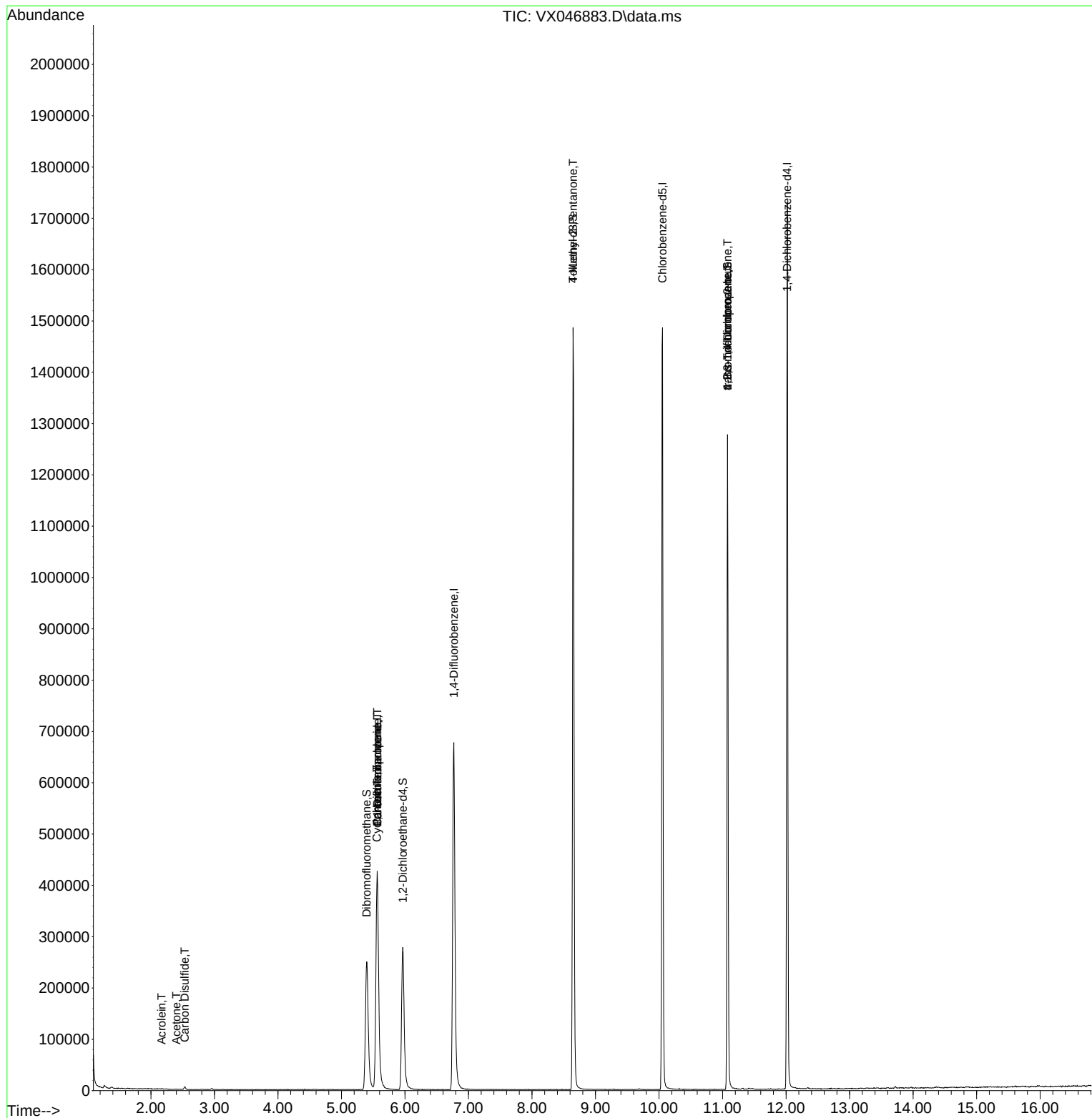
Target Compounds					Qvalue	
13) Acrolein	2.166	56	25	2.895	ug/l #	1
16) Acetone	2.398	43	771	0.435	ug/l #	42
17) Carbon Disulfide	2.532	76	6140	0.500	ug/l #	92
31) Cyclohexane	5.556	56	9334	1.145	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	35610	5.211	ug/l #	50
38) Carbon Tetrachloride	5.562	117	44129	6.109	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	4170	0.793	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	174281	31.809	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	174281	85.359	ug/l #	8

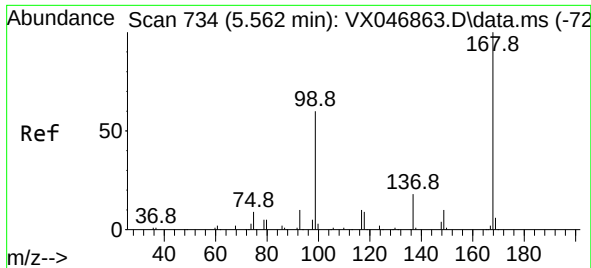
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
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Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Quant Time: Jul 04 01:31:57 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 03 05:51:11 2025
Response via : Initial Calibration

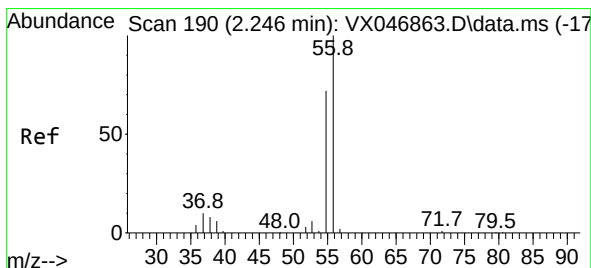
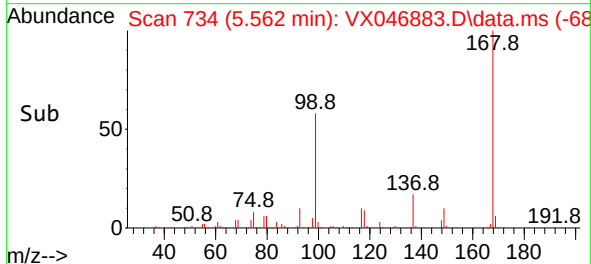
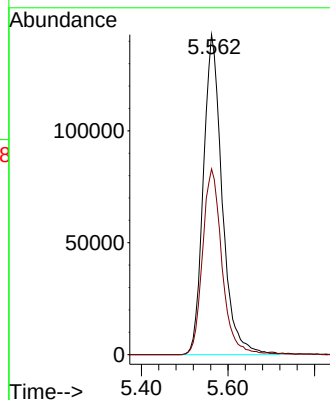
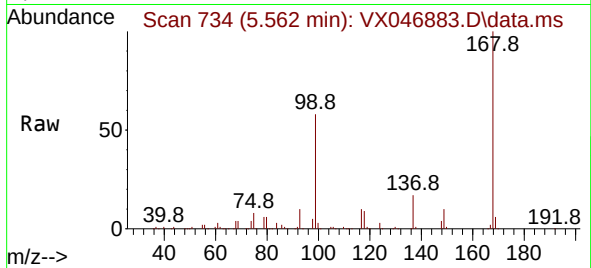




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX046883.D
Acq: 03 Jul 2025 13:34

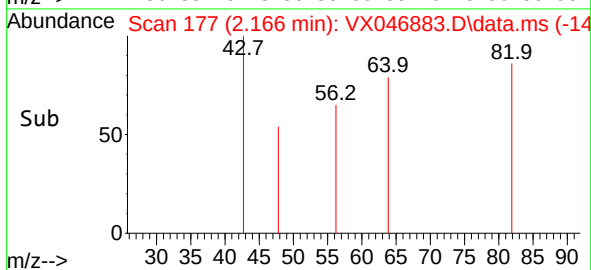
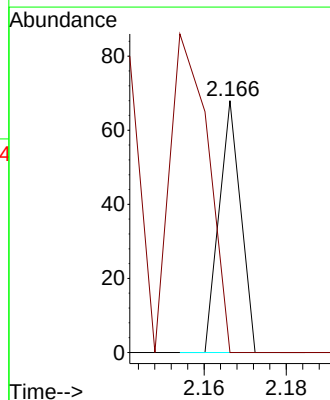
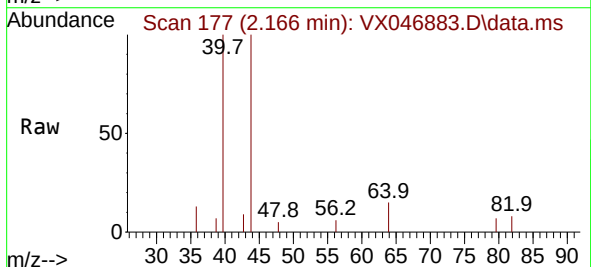
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

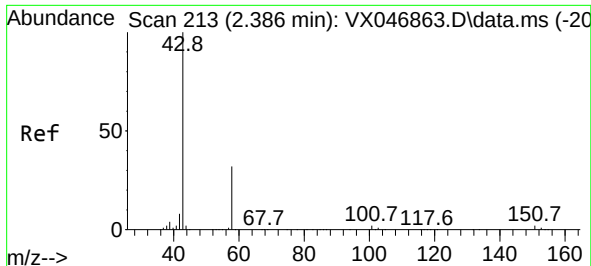
Tgt Ion:168 Resp: 431836
Ion Ratio Lower Upper
168 100
99 58.1 48.8 73.2



#13
Acrolein
Concen: 2.895 ug/l
RT: 2.166 min Scan# 177
Delta R.T. -0.080 min
Lab File: VX046883.D
Acq: 03 Jul 2025 13:34

Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 220.0 55.5 83.3#

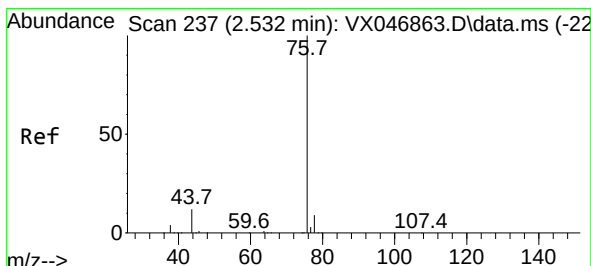
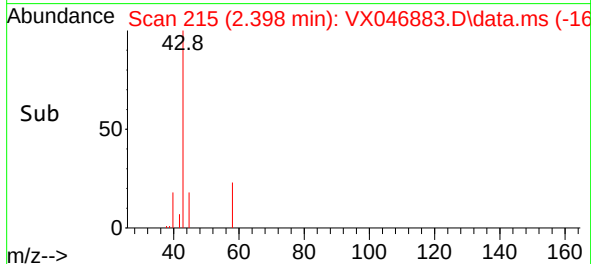
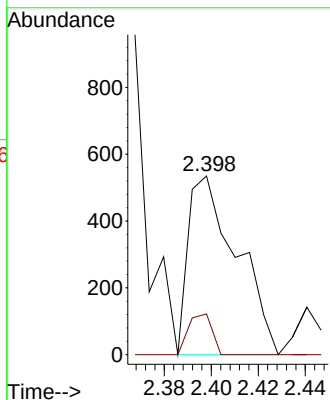
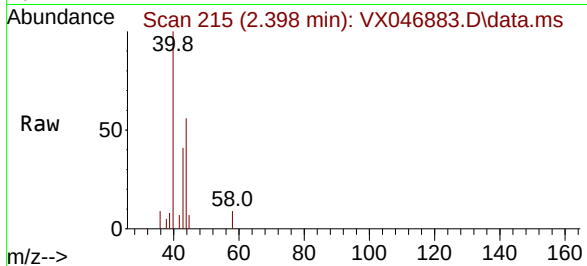




#16
Acetone
Concen: 0.435 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX046883.D
Acq: 03 Jul 2025 13:34

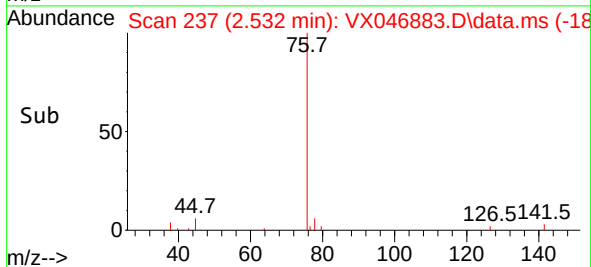
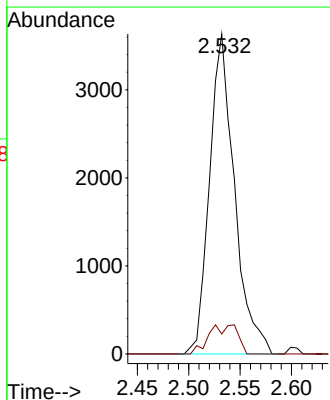
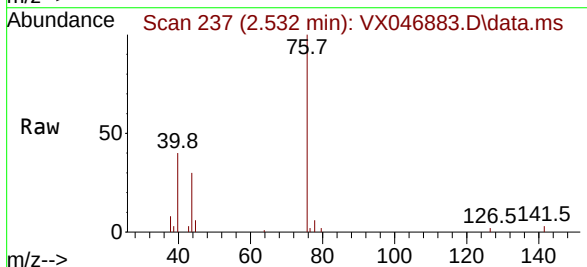
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

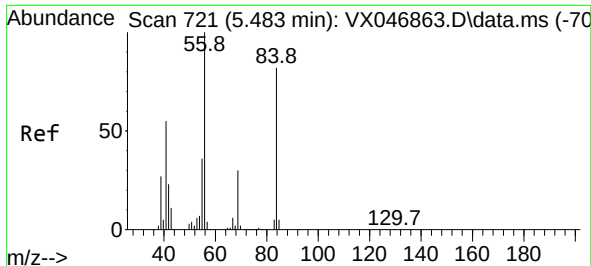
Tgt Ion: 43 Resp: 771
Ion Ratio Lower Upper
43 100
58 0.0 25.8 38.6#



#17
Carbon Disulfide
Concen: 0.500 ug/l
RT: 2.532 min Scan# 237
Delta R.T. 0.000 min
Lab File: VX046883.D
Acq: 03 Jul 2025 13:34

Tgt Ion: 76 Resp: 6140
Ion Ratio Lower Upper
76 100
78 6.2 7.4 11.2#

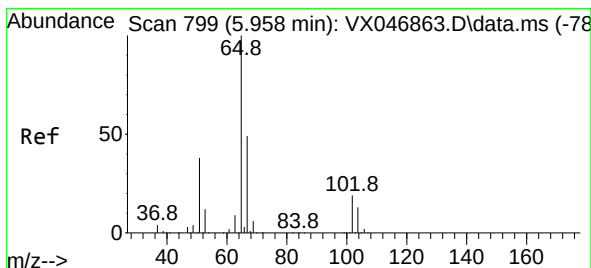
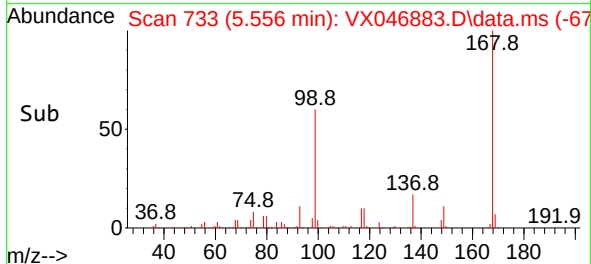
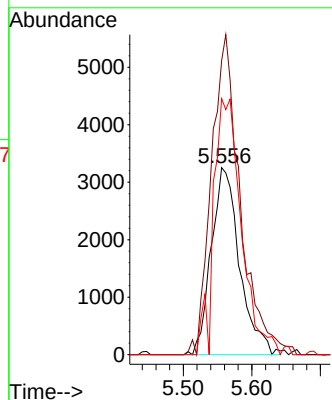
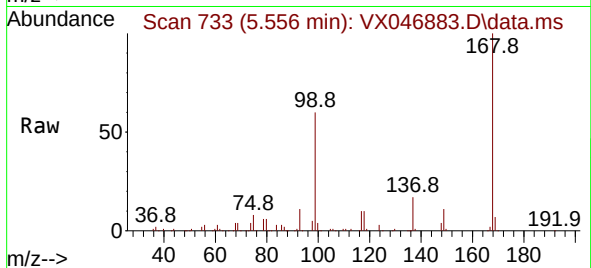




#31
Cyclohexane
Concen: 1.145 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX046883.D
Acq: 03 Jul 2025 13:34

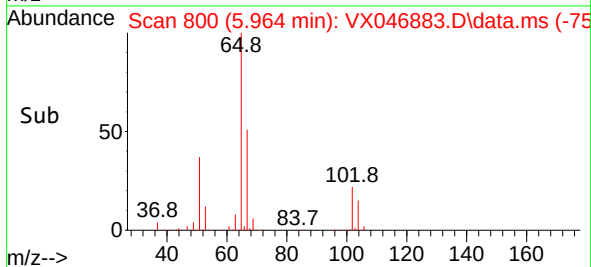
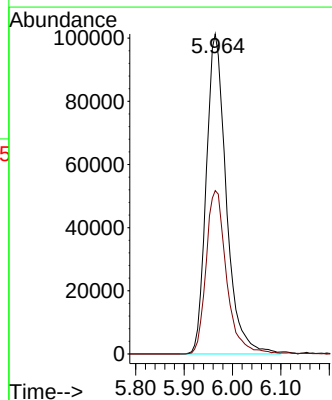
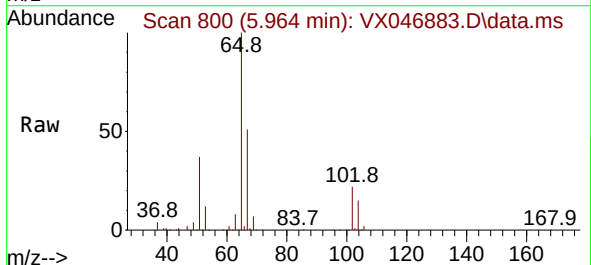
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

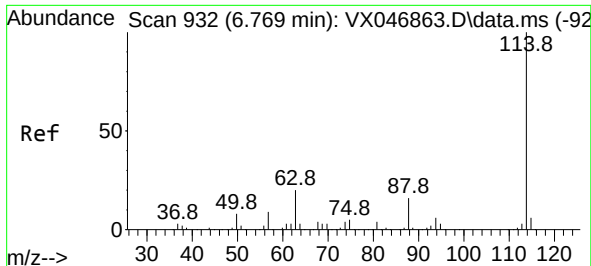
Tgt Ion: 56 Resp: 9334
Ion Ratio Lower Upper
56 100
69 159.1 24.0 36.0#
84 136.8 66.5 99.7#



#33
1,2-Dichloroethane-d4
Concen: 51.006 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046883.D
Acq: 03 Jul 2025 13:34

Tgt Ion: 65 Resp: 290988
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.2

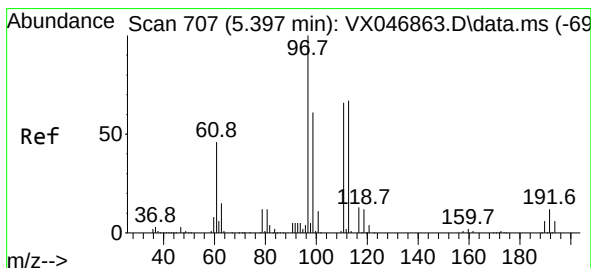
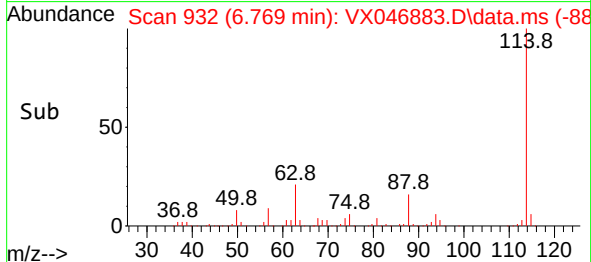
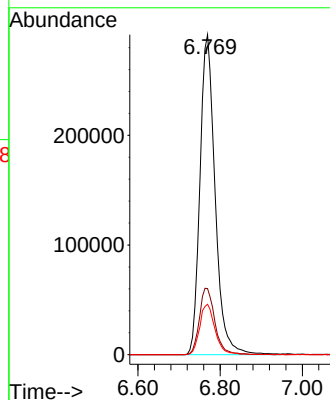
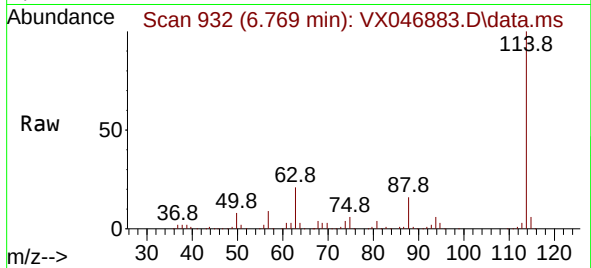




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VX046883.D
 Acq: 03 Jul 2025 13:34

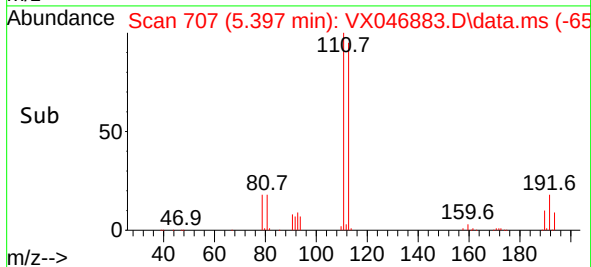
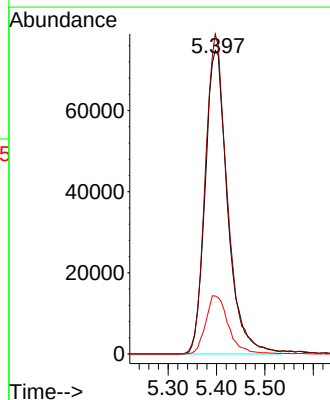
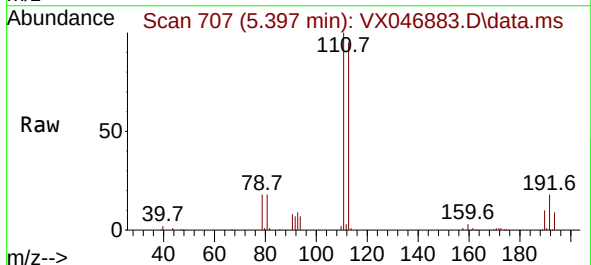
Instrument :
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 STORAGE-BLANK-WATER-REF-5

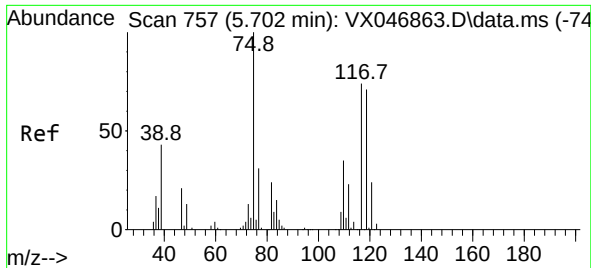
Tgt Ion:114 Resp: 746079
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.4
 88 15.7 0.0 31.0



#35
 Dibromofluoromethane
 Concen: 47.648 ug/l
 RT: 5.397 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VX046883.D
 Acq: 03 Jul 2025 13:34

Tgt Ion:113 Resp: 241307
 Ion Ratio Lower Upper
 113 100
 111 103.4 81.2 121.8
 192 19.5 15.3 22.9

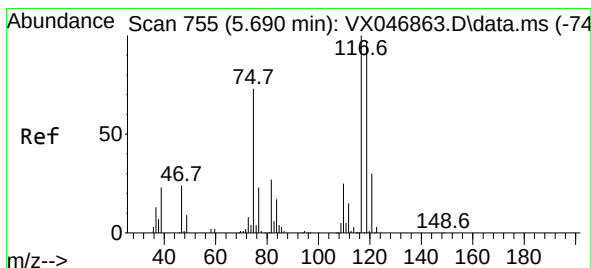
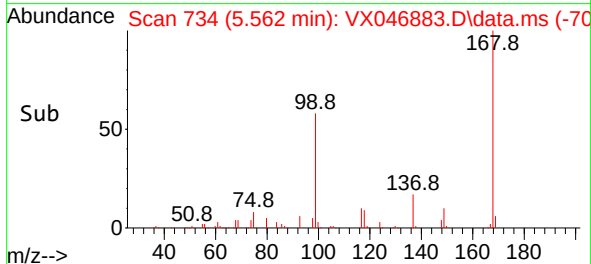
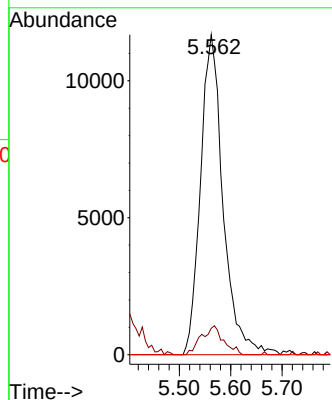
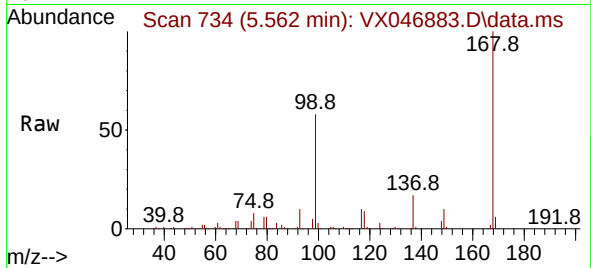




#36
1,1-Dichloropropene
Concen: 5.211 ug/l
RT: 5.562 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX046883.D
Acq: 03 Jul 2025 13:34

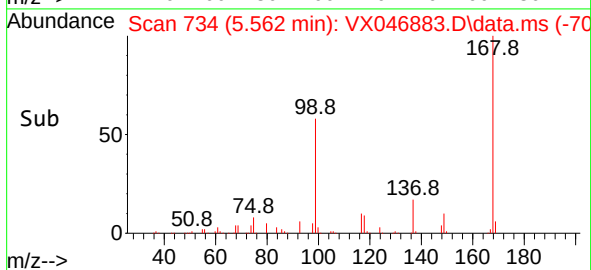
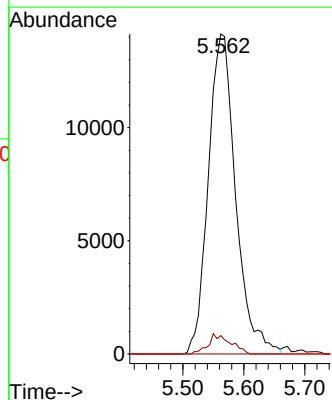
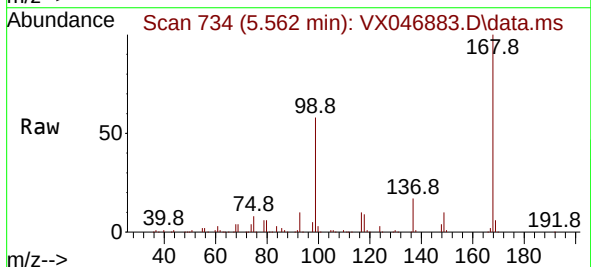
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

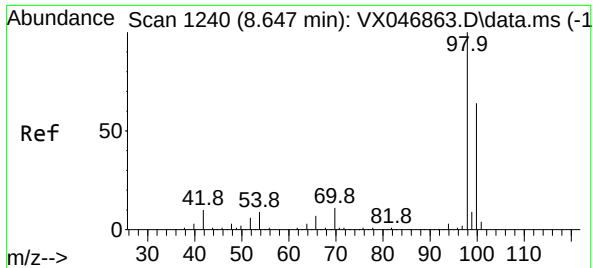
Tgt Ion: 75 Resp: 35610
Ion Ratio Lower Upper
75 100
110 8.8 17.3 51.9#
77 0.0 24.2 36.4#



#38
Carbon Tetrachloride
Concen: 6.109 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.128 min
Lab File: VX046883.D
Acq: 03 Jul 2025 13:34

Tgt Ion: 117 Resp: 44129
Ion Ratio Lower Upper
117 100
119 5.7 76.6 114.8#
121 0.0 24.1 36.1#

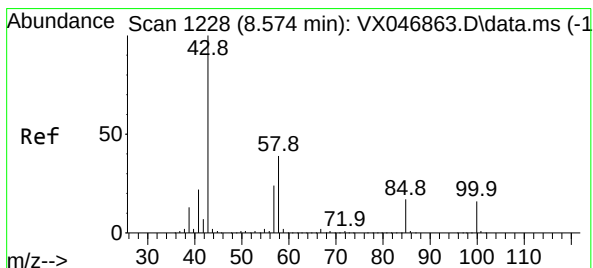
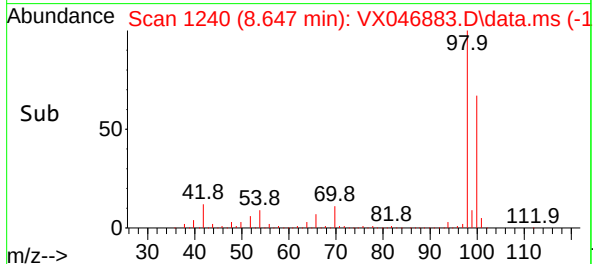
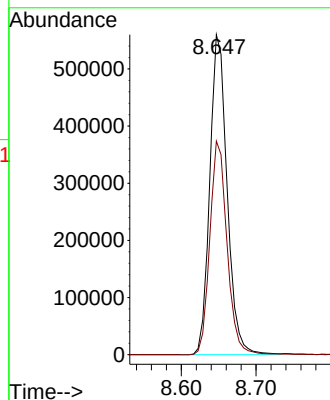
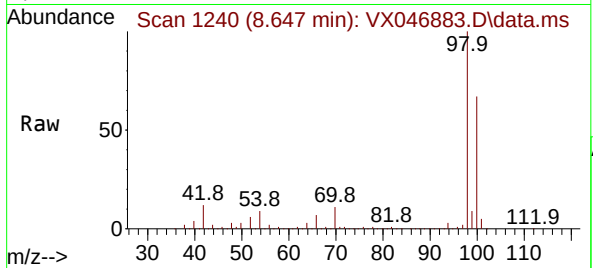




#50
Toluene-d8
Concen: 50.400 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046883.D
Acq: 03 Jul 2025 13:34

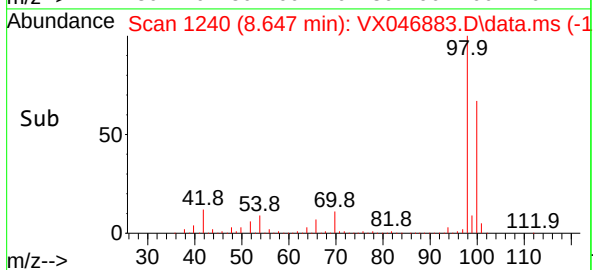
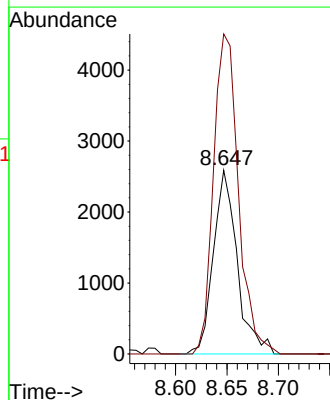
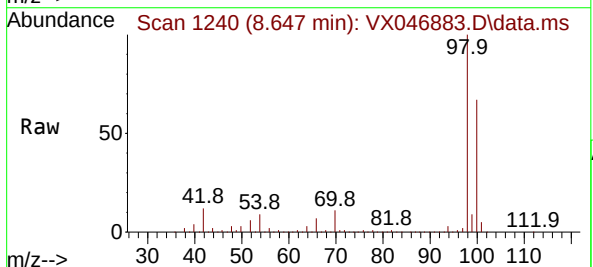
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-5

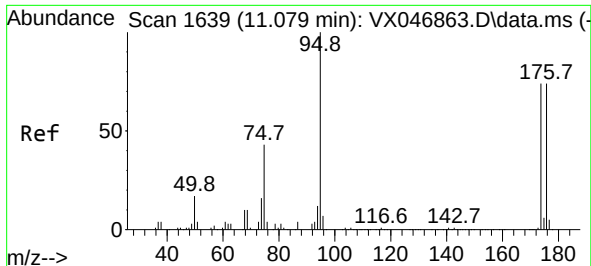
Tgt Ion: 98 Resp: 900554
Ion Ratio Lower Upper
98 100
100 66.5 53.0 79.6



#51
4-Methyl-2-Pentanone
Concen: 0.793 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX046883.D
Acq: 03 Jul 2025 13:34

Tgt Ion: 43 Resp: 4170
Ion Ratio Lower Upper
43 100
58 182.3 30.4 45.6#

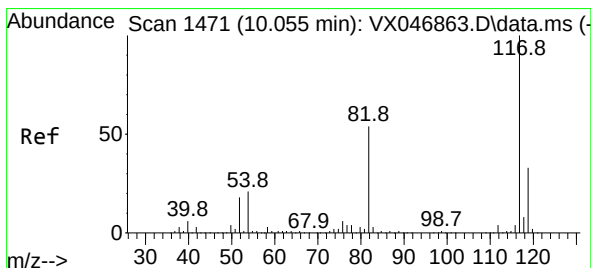
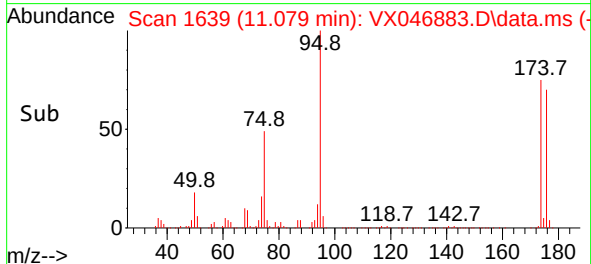
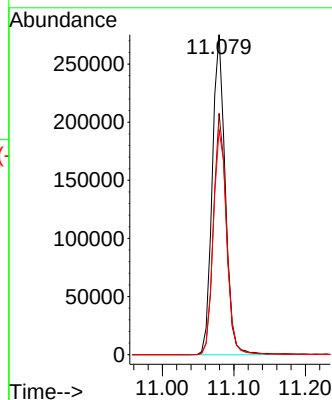
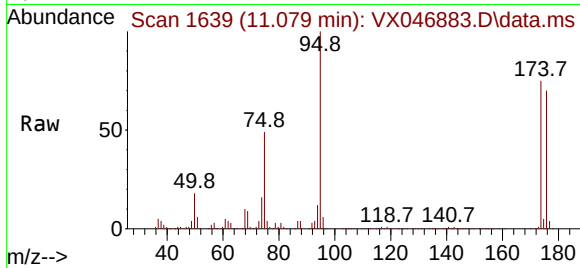




#62
4-Bromofluorobenzene
Concen: 51.020 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046883.D
Acq: 03 Jul 2025 13:34

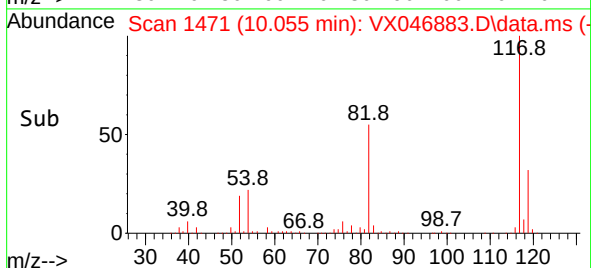
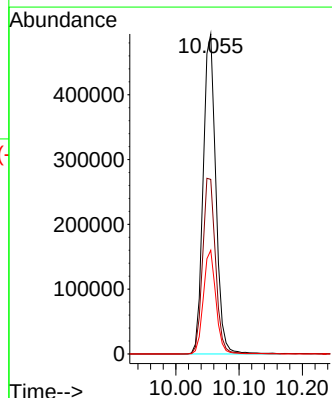
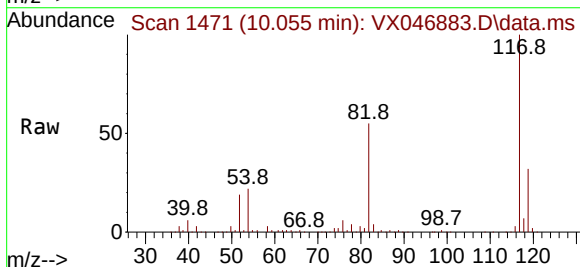
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

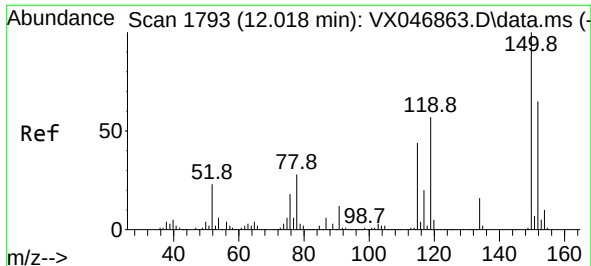
Tgt Ion: 95 Resp: 346478
Ion Ratio Lower Upper
95 100
174 75.8 0.0 152.0
176 72.8 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX046883.D
Acq: 03 Jul 2025 13:34

Tgt Ion: 117 Resp: 689914
Ion Ratio Lower Upper
117 100
82 54.6 43.3 64.9
119 32.4 26.4 39.6

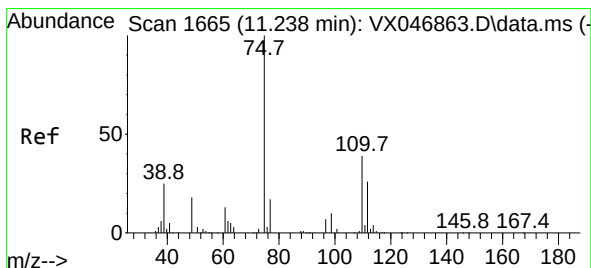
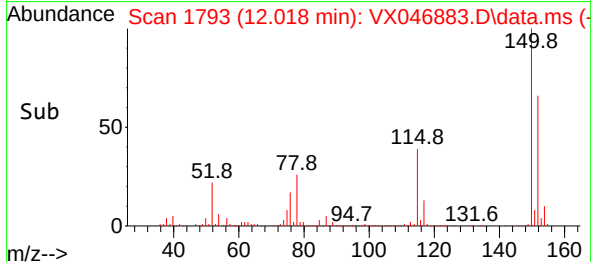
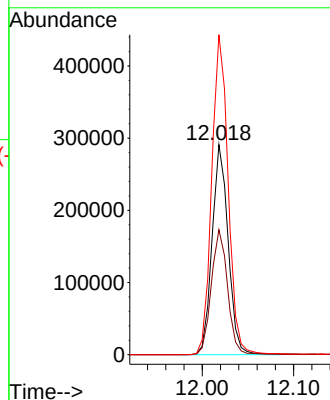
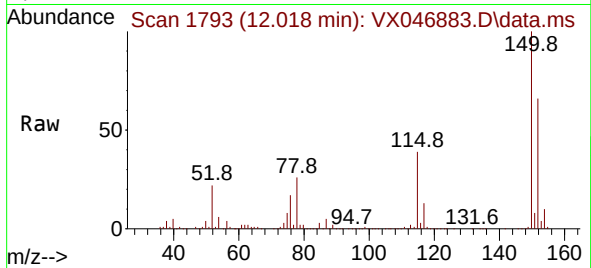




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046883.D
 Acq: 03 Jul 2025 13:34

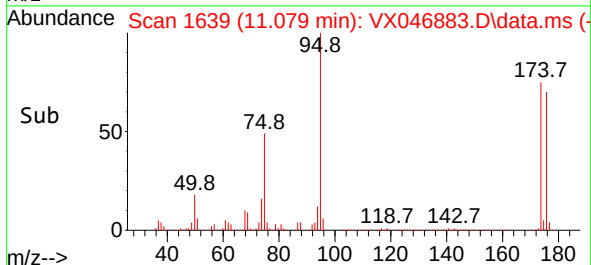
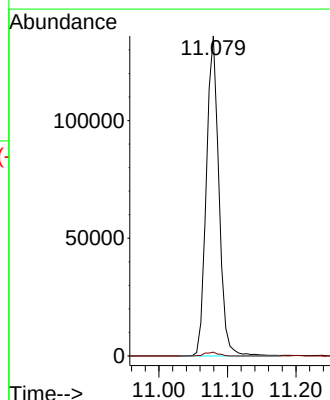
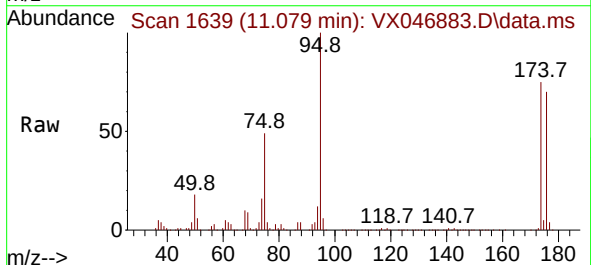
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

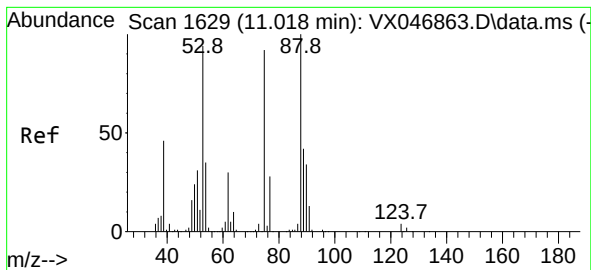
Tgt Ion:152 Resp: 354597
 Ion Ratio Lower Upper
 152 100
 115 60.3 42.4 127.1
 150 156.5 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 31.809 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046883.D
 Acq: 03 Jul 2025 13:34

Tgt Ion: 75 Resp: 174281
 Ion Ratio Lower Upper
 75 100
 77 1.3 20.6 61.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.359 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046883.D
 Acq: 03 Jul 2025 13:34

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 174281
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.7 125.5#
 89 0.0 38.2 57.2#

