

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070325\
 Data File : VX046878.D
 Acq On : 03 Jul 2025 11:46
 Operator : JC/MD
 Sample : Q2455-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
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Quant Time: Jul 04 01:29:46 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)

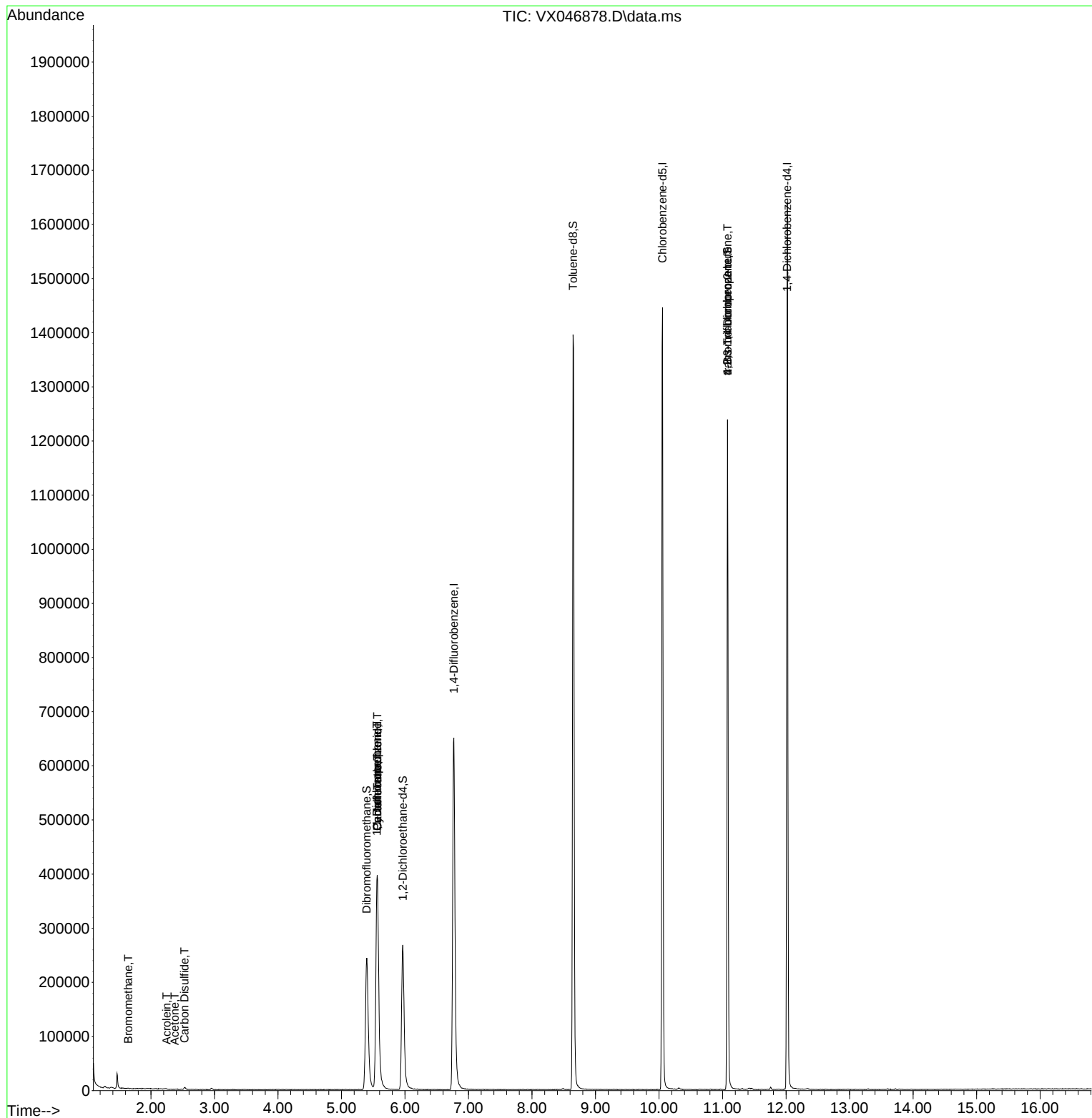
Internal Standards						
1) Pentafluorobenzene	5.562	168	419216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	727439	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	669234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	336823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	278540	50.294	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	100.580%
35) Dibromofluoromethane	5.397	113	236123	47.819	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.640%
50) Toluene-d8	8.647	98	865532	49.681	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.360%
62) 4-Bromofluorobenzene	11.079	95	330095	49.853	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.700%
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	652	0.213	ug/l #	59
13) Acrolein	2.245	56	20	2.884	ug/l #	1
16) Acetone	2.373	43	630	0.366	ug/l #	1
17) Carbon Disulfide	2.526	76	5576	0.468	ug/l	95
31) Cyclohexane	5.562	56	8288	1.047	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	33694	5.057	ug/l #	51
38) Carbon Tetrachloride	5.562	117	42113	5.979	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	167686	32.220	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	167686	86.463	ug/l #	8

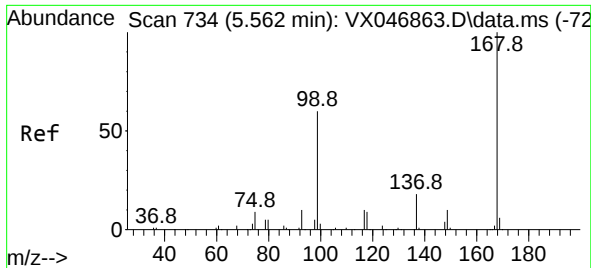
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
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Quant Time: Jul 04 01:29:46 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

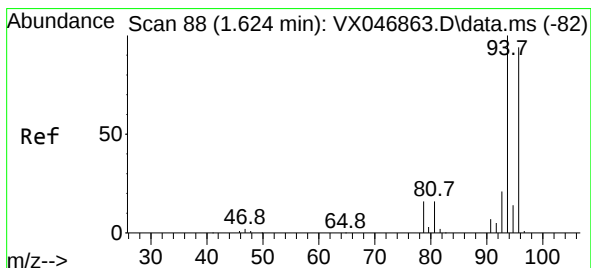
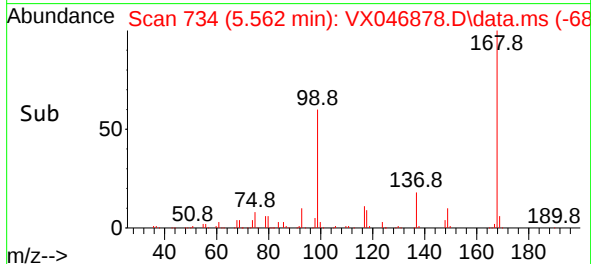
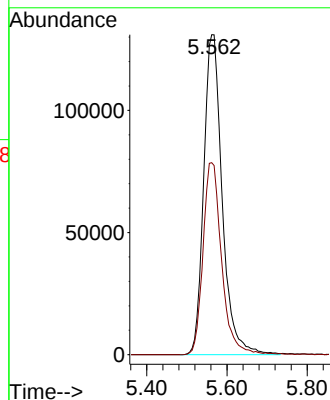
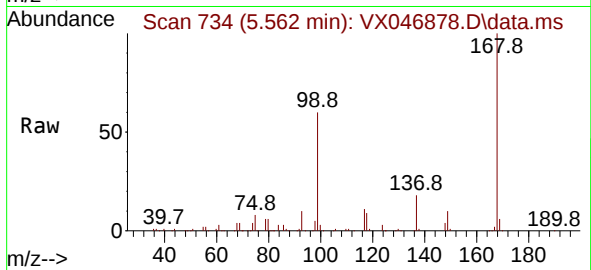




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

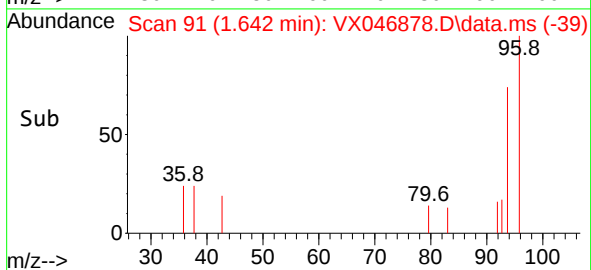
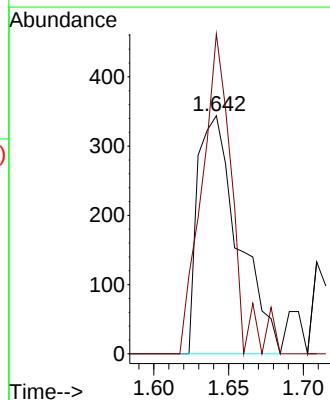
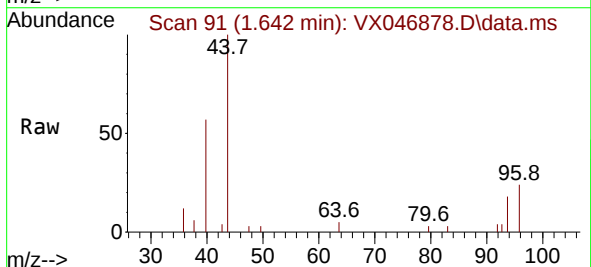
Instrument :
MSVOA_X
ClientSampleId :
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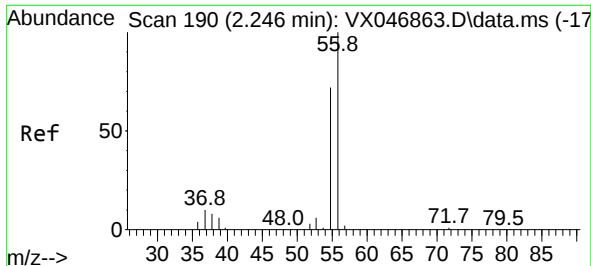
Tgt Ion:168 Resp: 419216
Ion Ratio Lower Upper
168 100
99 60.0 48.8 73.2



#5
Bromomethane
Concen: 0.213 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.018 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

Tgt Ion: 94 Resp: 652
Ion Ratio Lower Upper
94 100
96 134.3 75.5 113.3#

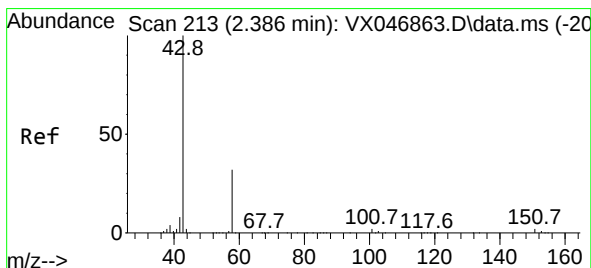
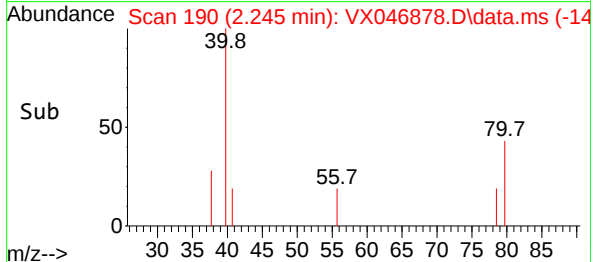
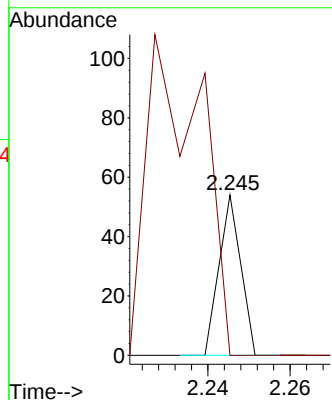
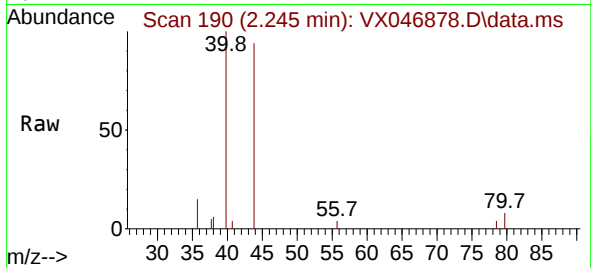




#13
Acrolein
Concen: 2.884 ug/l
RT: 2.245 min Scan# 190
Delta R.T. -0.001 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

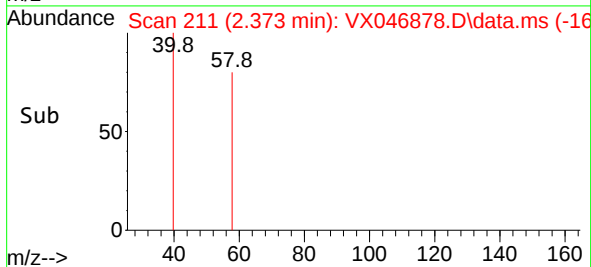
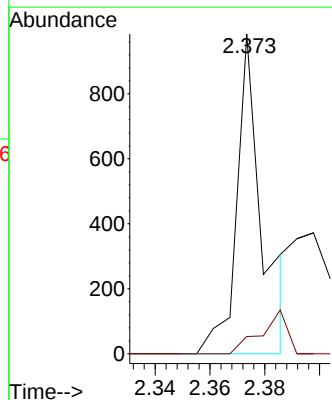
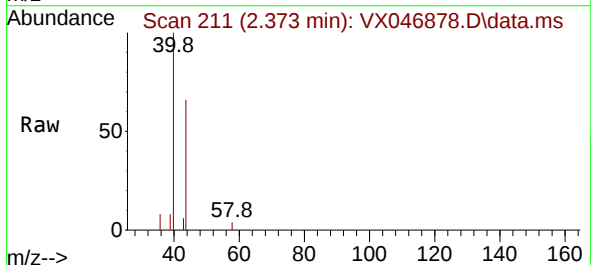
Instrument : MSVOA_X
ClientSampleId : FIELD-BLANK

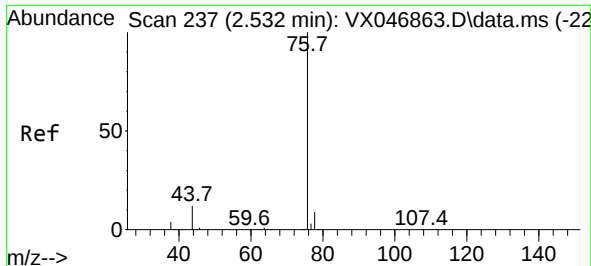
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 320.0 55.5 83.3#



#16
Acetone
Concen: 0.366 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

Tgt Ion: 43 Resp: 630
Ion Ratio Lower Upper
43 100
58 189.3 25.8 38.6#

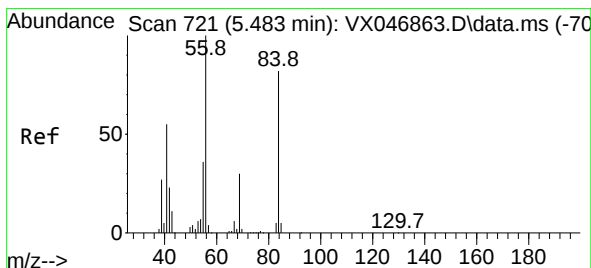
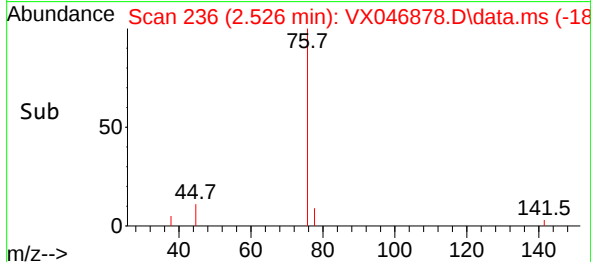
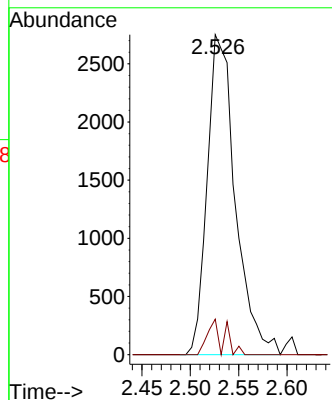
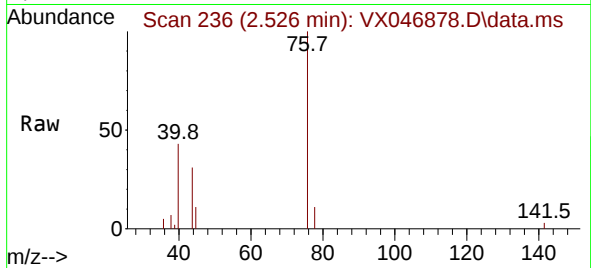




#17
Carbon Disulfide
Concen: 0.468 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

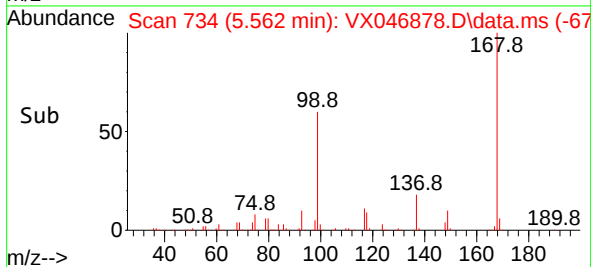
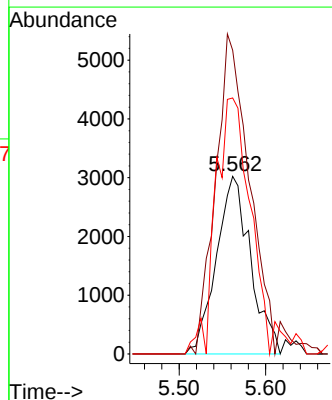
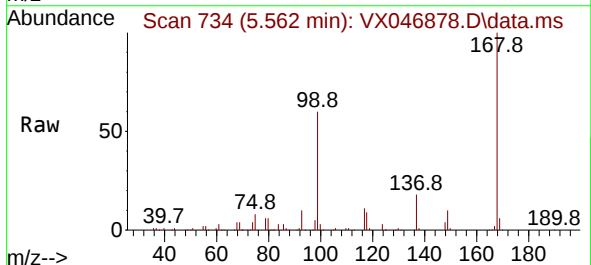
Instrument :
MSVOA_X
ClientSampleId :
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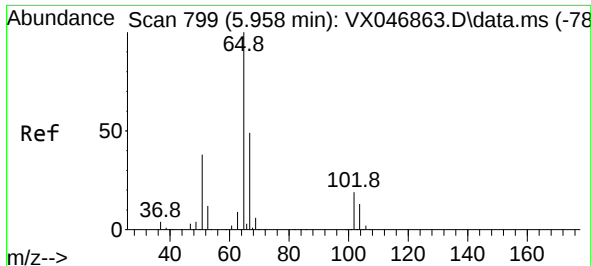
Tgt Ion: 76 Resp: 5576
Ion Ratio Lower Upper
76 100
78 11.1 7.4 11.2



#31
Cyclohexane
Concen: 1.047 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

Tgt Ion: 56 Resp: 8288
Ion Ratio Lower Upper
56 100
69 165.4 24.0 36.0#
84 139.4 66.5 99.7#

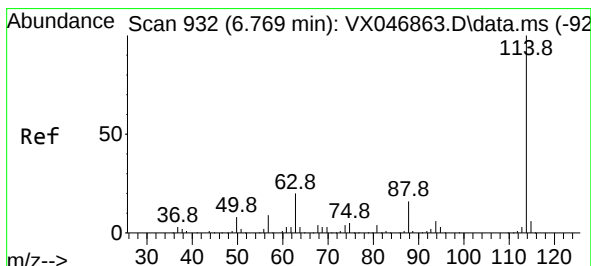
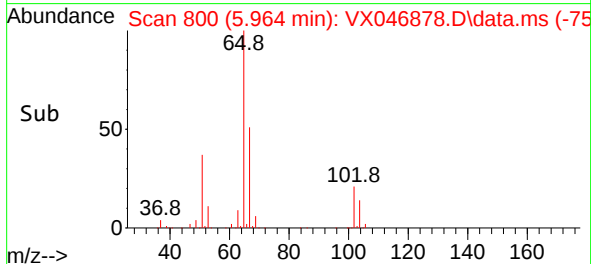
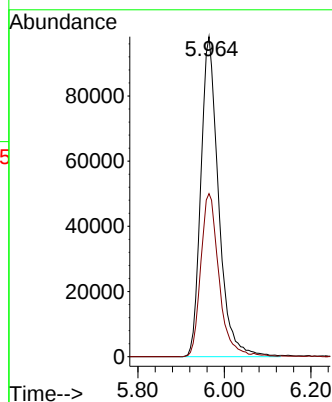
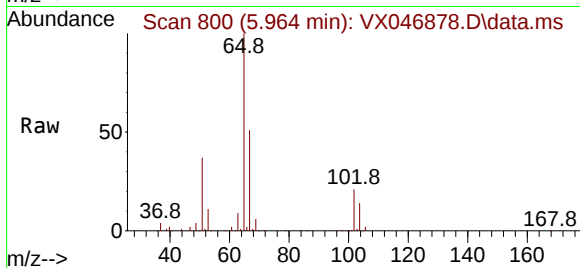




#33
1,2-Dichloroethane-d4
Concen: 50.294 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

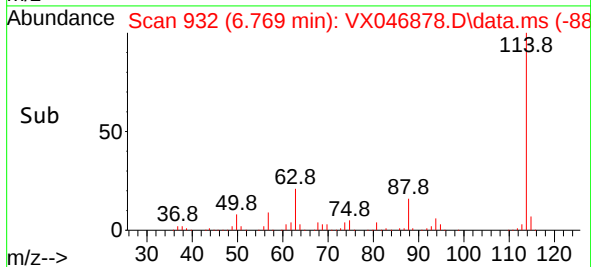
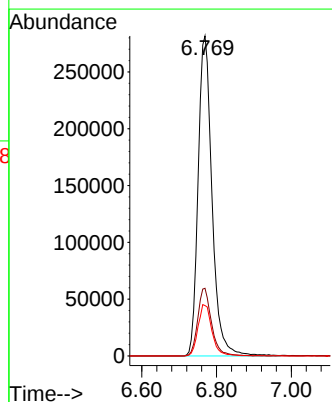
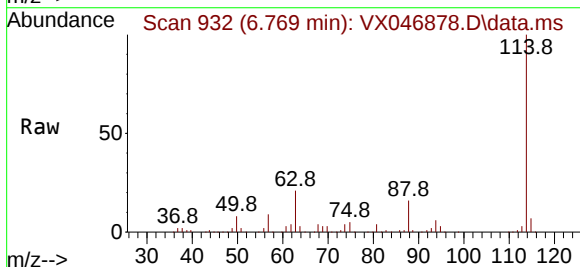
Instrument :
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ClientSampleId :
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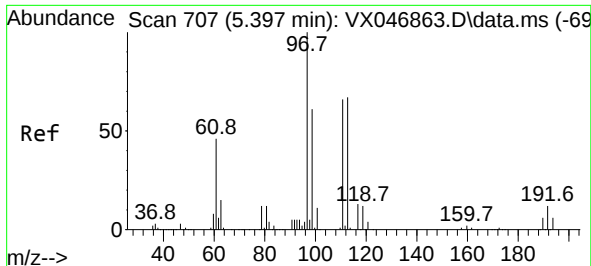
Tgt Ion: 65 Resp: 278540
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

Tgt Ion: 114 Resp: 727439
Ion Ratio Lower Upper
114 100
63 21.2 0.0 40.4
88 15.7 0.0 31.0

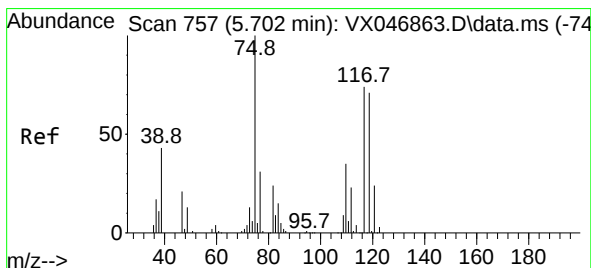
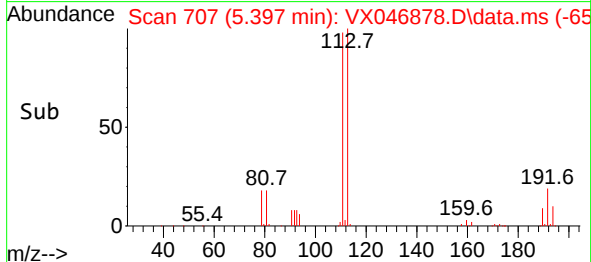
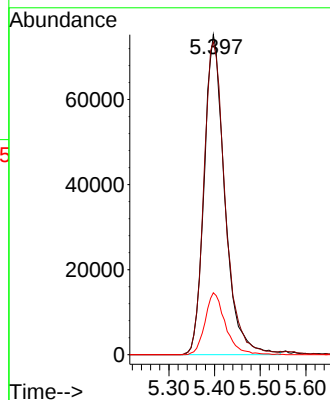
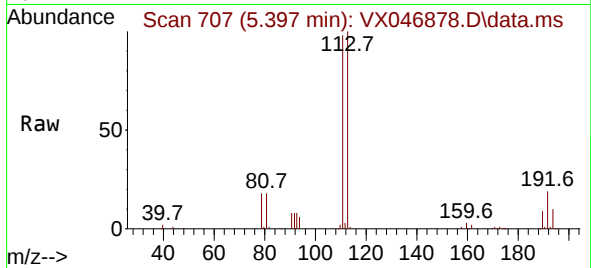




#35
Dibromofluoromethane
Concen: 47.819 ug/l
RT: 5.397 min Scan# 707
Delta R.T. -0.000 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

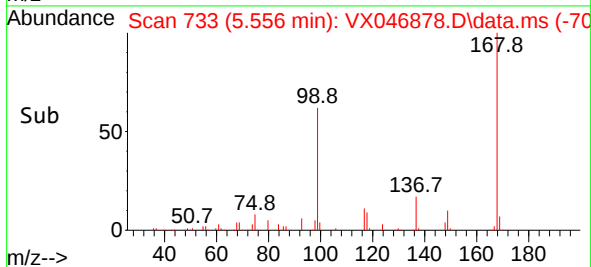
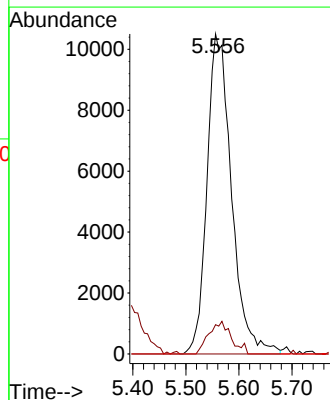
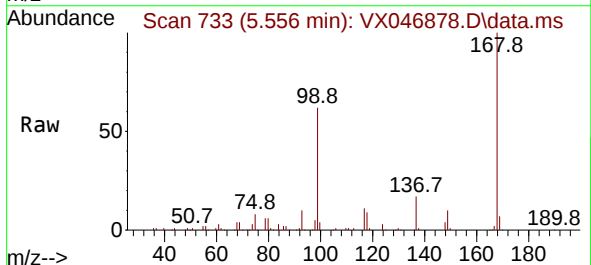
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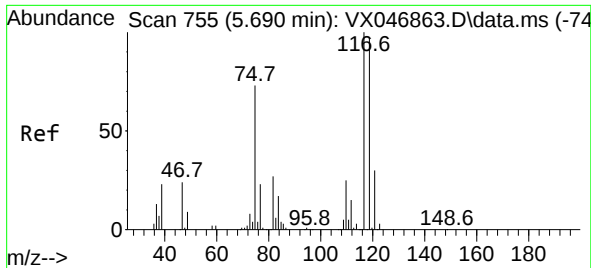
Tgt Ion:113 Resp: 236123
Ion Ratio Lower Upper
113 100
111 100.8 81.2 121.8
192 19.1 15.3 22.9



#36
1,1-Dichloropropene
Concen: 5.057 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.147 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

Tgt Ion: 75 Resp: 33694
Ion Ratio Lower Upper
75 100
110 9.3 17.3 51.9#
77 0.0 24.2 36.4#

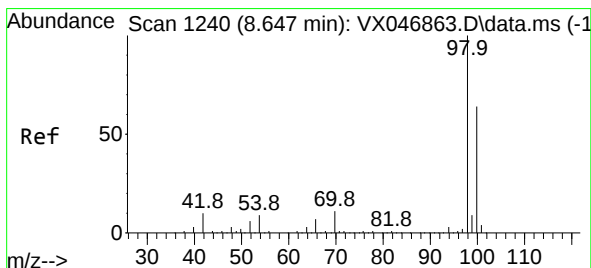
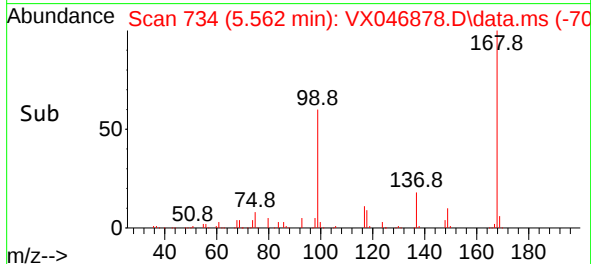
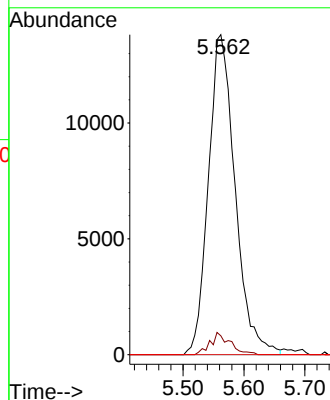
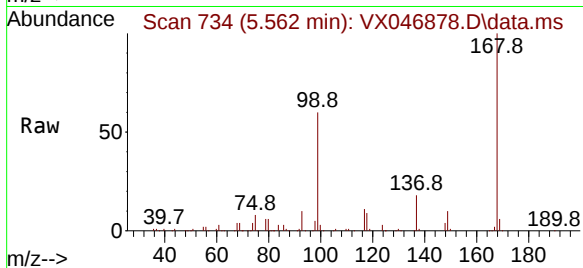




#38
Carbon Tetrachloride
Concen: 5.979 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

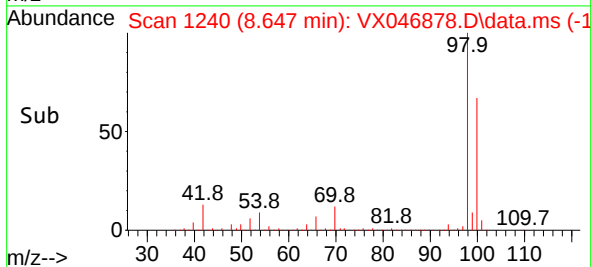
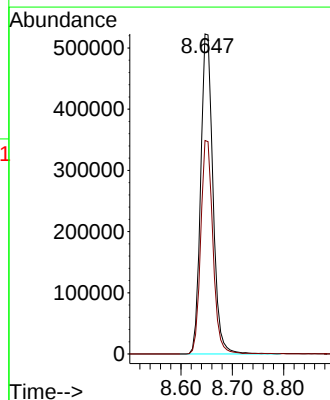
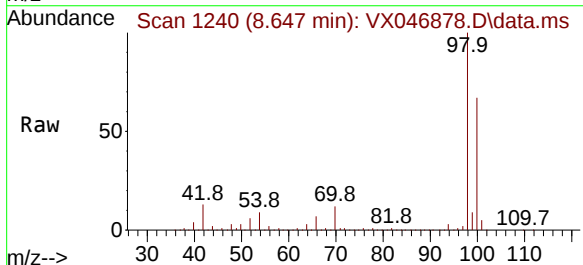
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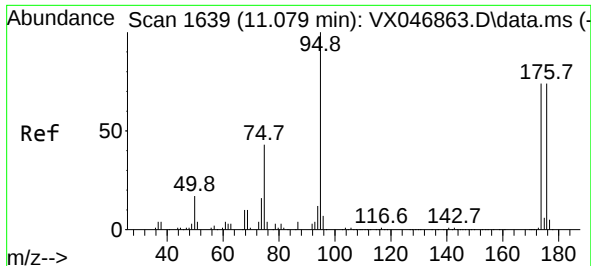
Tgt Ion:117 Resp: 42113
Ion Ratio Lower Upper
117 100
119 5.9 76.6 114.8#
121 0.0 24.1 36.1#



#50
Toluene-d8
Concen: 49.681 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

Tgt Ion: 98 Resp: 865532
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6

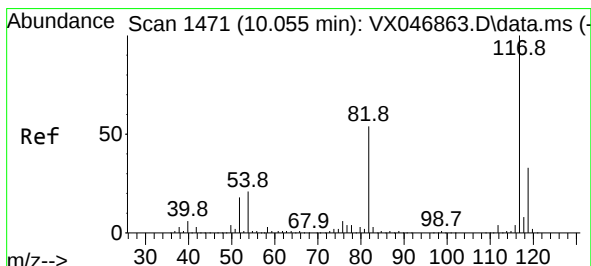
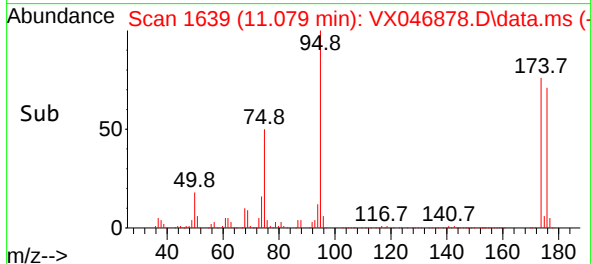
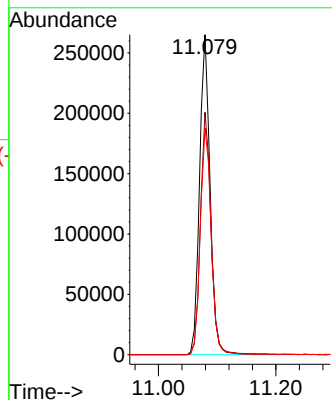
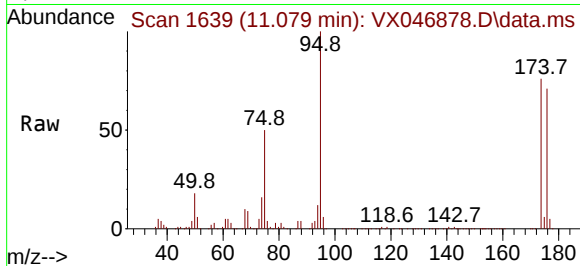




#62
4-Bromofluorobenzene
Concen: 49.853 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

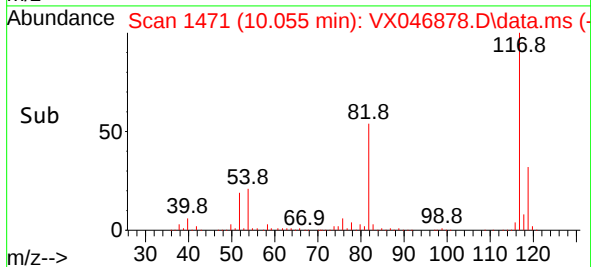
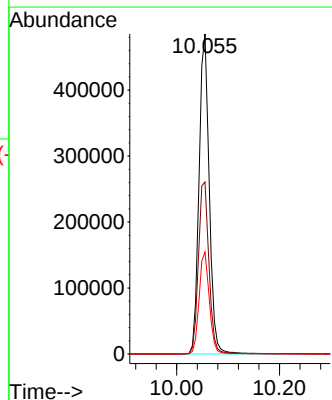
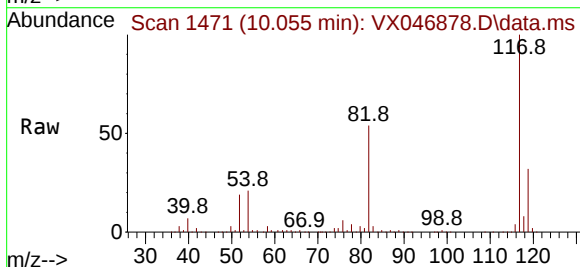
Instrument :
MSVOA_X
ClientSampleId :
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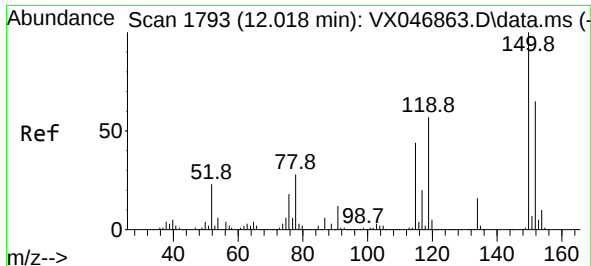
Tgt Ion: 95 Resp: 330095
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.0
176 72.9 0.0 145.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

Tgt Ion: 117 Resp: 669234
Ion Ratio Lower Upper
117 100
82 53.7 43.3 64.9
119 31.9 26.4 39.6

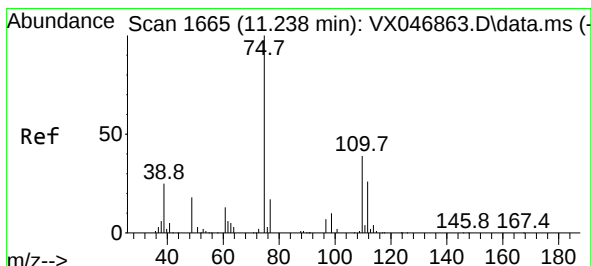
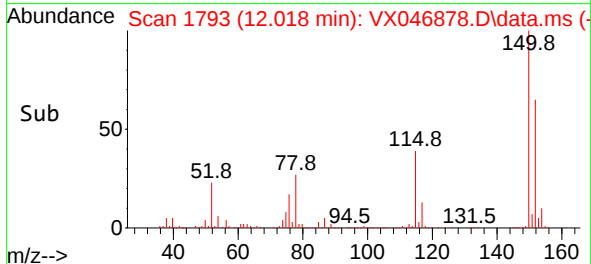
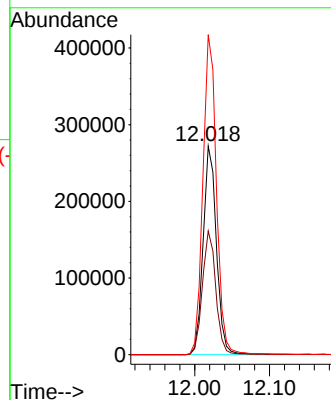
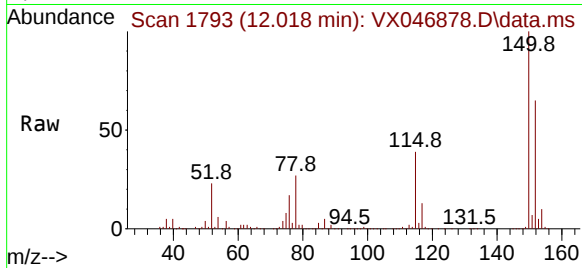




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

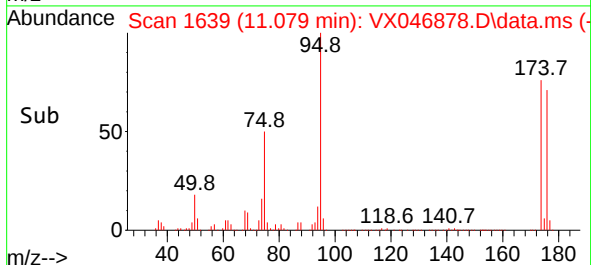
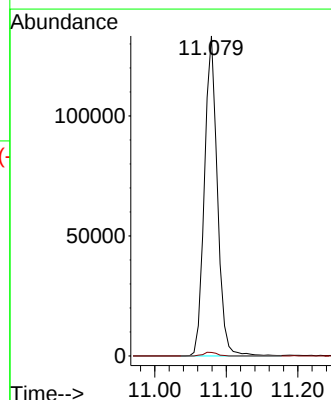
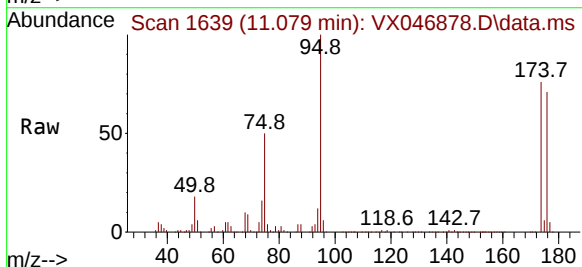
Instrument :
MSVOA_X
ClientSampleId :
FIELD-BLANK

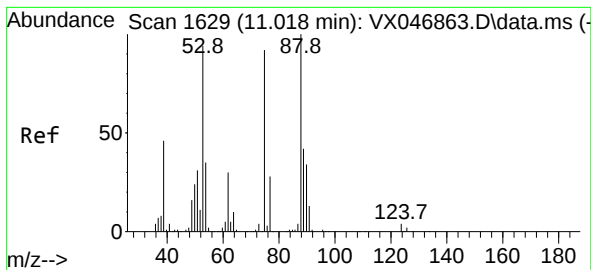
Tgt Ion:152 Resp: 336823
Ion Ratio Lower Upper
152 100
115 60.0 42.4 127.1
150 155.8 0.0 349.2



#76
1,2,3-Trichloropropane
Concen: 32.220 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046878.D
Acq: 03 Jul 2025 11:46

Tgt Ion: 75 Resp: 167686
Ion Ratio Lower Upper
75 100
77 1.2 20.6 61.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 86.463 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046878.D
 Acq: 03 Jul 2025 11:46

Instrument :
 MSVOA_X
 ClientSampleId :
 FIELD-BLANK

Tgt Ion: 75 Resp: 167686
 Ion Ratio Lower Upper
 75 100
 53 0.0 83.7 125.5#
 89 0.0 38.2 57.2#

