

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046344.D
 Acq On : 23 May 2025 14:53
 Operator : JC/MD
 Sample : Q2118-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-DUP-20250520

Quant Time: May 23 23:02:56 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)

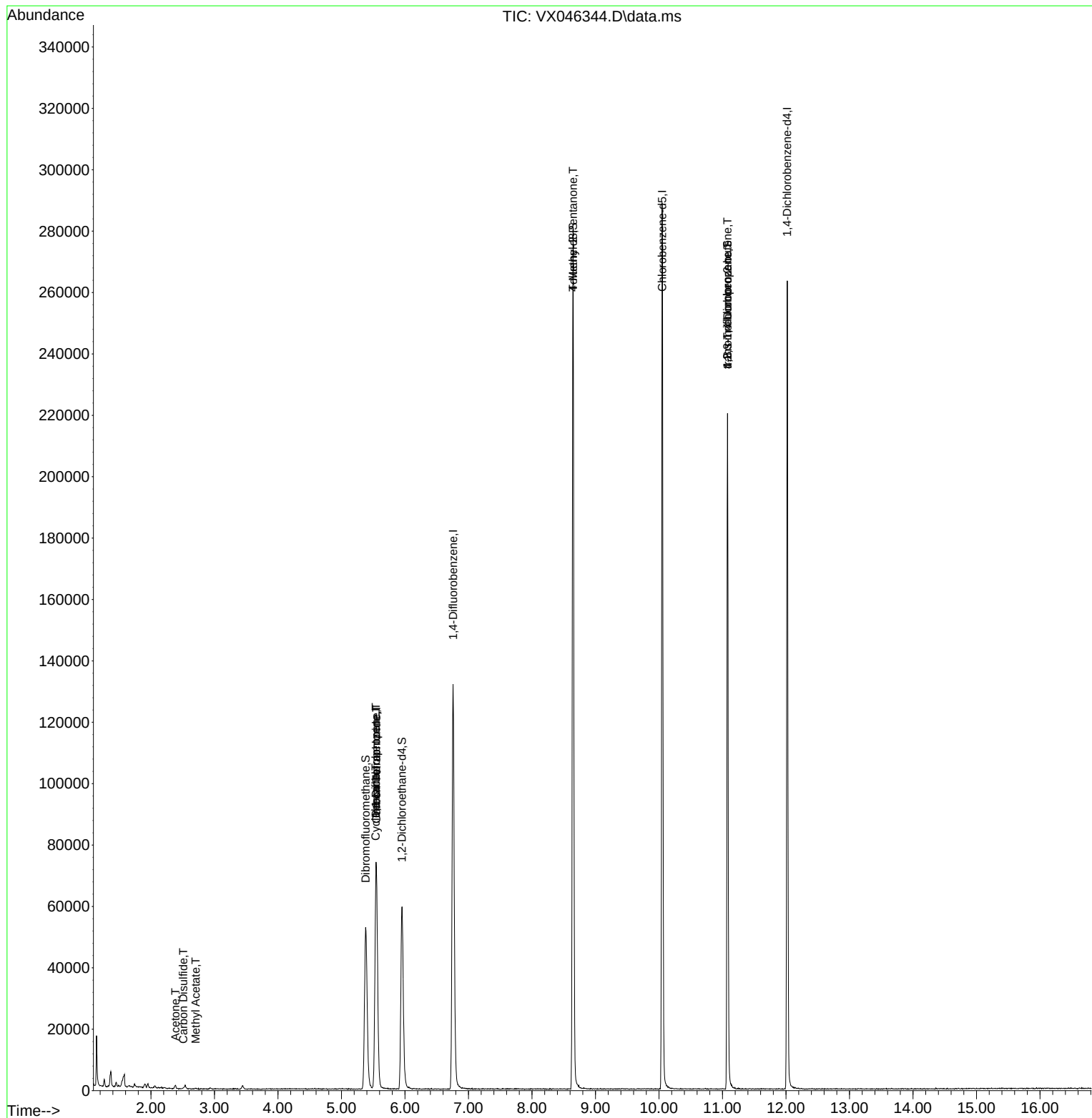
Internal Standards						
1) Pentafluorobenzene	5.544	168	62715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	124739	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116065	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47836	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	63254	54.100	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.200%			
35) Dibromofluoromethane	5.379	113	45684	50.859	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.720%			
50) Toluene-d8	8.647	98	156867	50.456	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.920%			
62) 4-Bromofluorobenzene	11.079	95	59241	49.676	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.360%			
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1410	3.008	ug/l	97
17) Carbon Disulfide	2.508	76	463	0.263	ug/l #	76
18) Methyl Acetate	2.703	43	272	0.250	ug/l #	55
31) Cyclohexane	5.538	56	1932	1.387	ug/l #	47
36) 1,1-Dichloropropene	5.544	75	6369	5.277	ug/l #	50
38) Carbon Tetrachloride	5.550	117	7719	5.692	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	997	0.660	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34083	29.600	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	34083	96.370	ug/l #	1

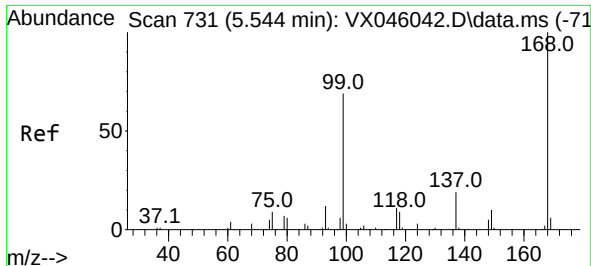
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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BP-VPB-182-DUP-20250520

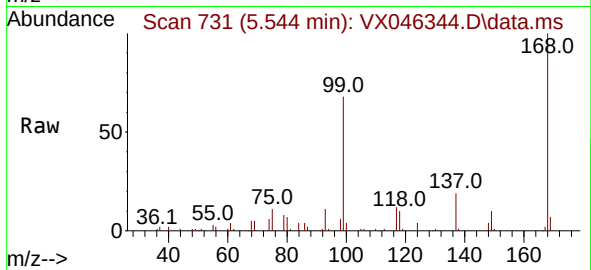
Quant Time: May 23 23:02:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration



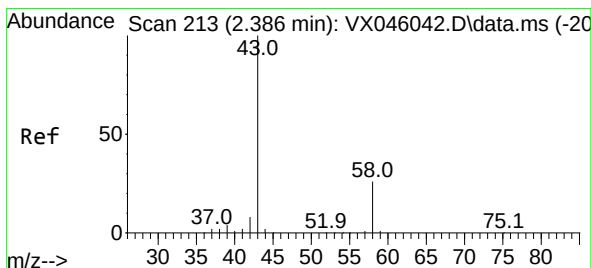
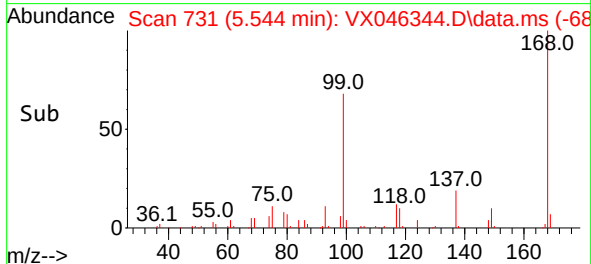
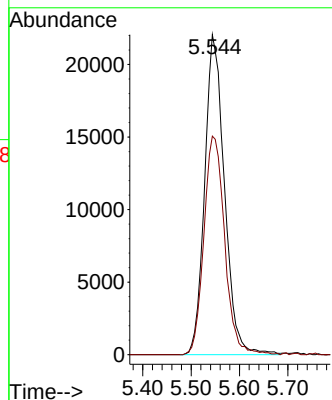


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.000 min
Lab File: VX046344.D
Acq: 23 May 2025 14:53

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-DUP-20250520

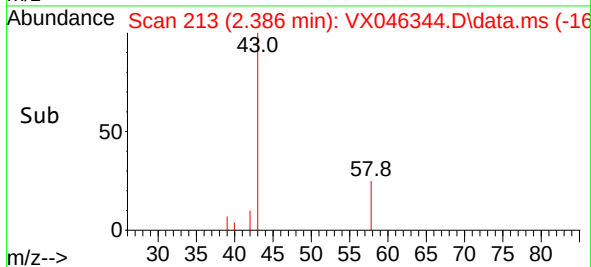
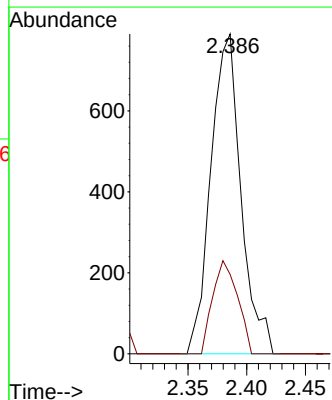
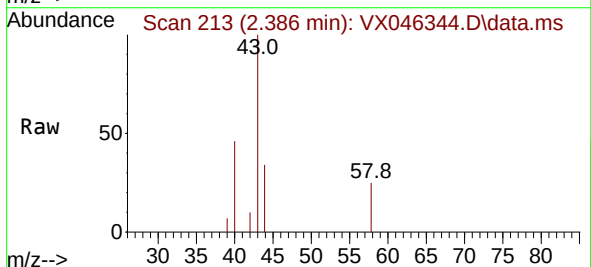


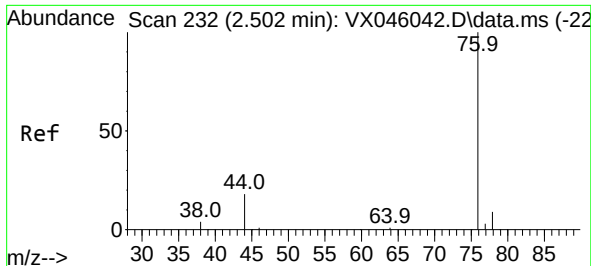
Tgt Ion:168 Resp: 62715
Ion Ratio Lower Upper
168 100
99 68.3 54.9 82.3



#16
Acetone
Concen: 3.008 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046344.D
Acq: 23 May 2025 14:53

Tgt Ion: 43 Resp: 1410
Ion Ratio Lower Upper
43 100
58 24.8 21.2 31.8

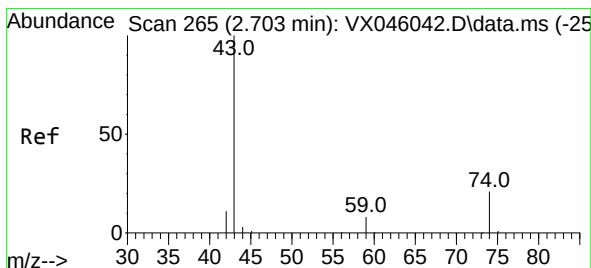
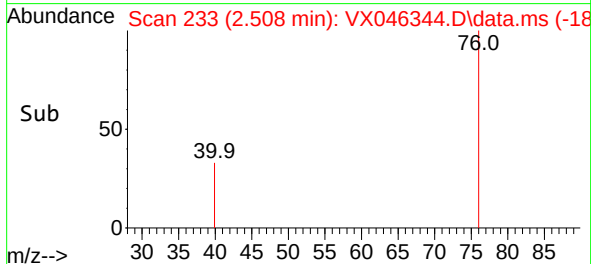
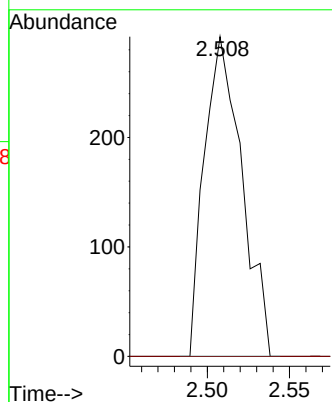
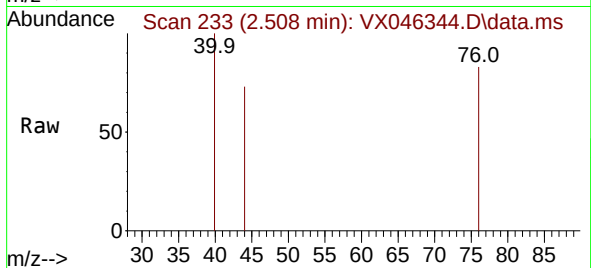




#17
Carbon Disulfide
Concen: 0.263 ug/l
RT: 2.508 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX046344.D
Acq: 23 May 2025 14:53

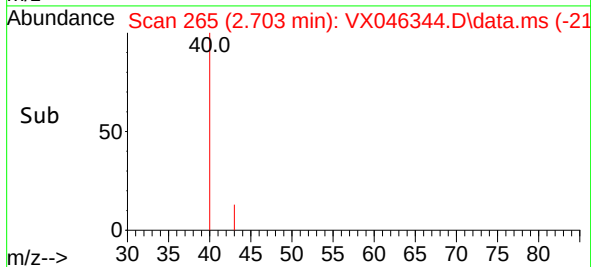
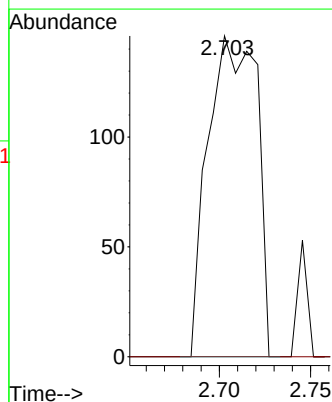
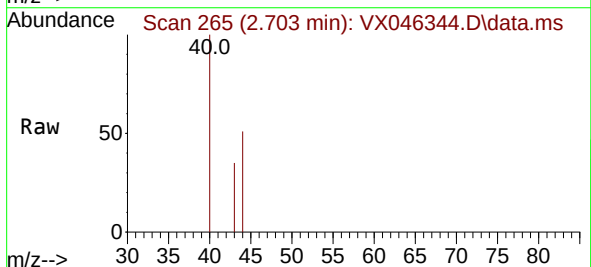
Instrument :
MSVOA_X
ClientSampleId :
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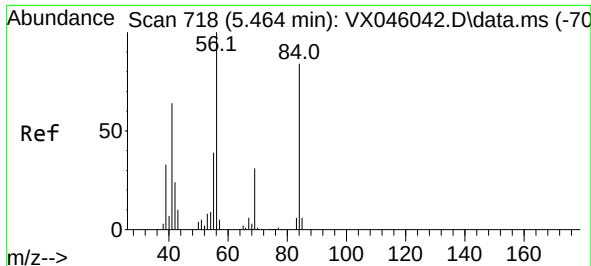
Tgt Ion: 76 Resp: 463
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#18
Methyl Acetate
Concen: 0.250 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.000 min
Lab File: VX046344.D
Acq: 23 May 2025 14:53

Tgt Ion: 43 Resp: 272
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#

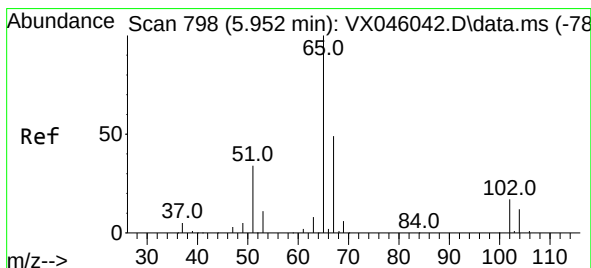
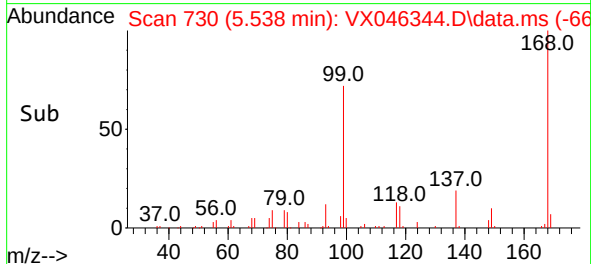
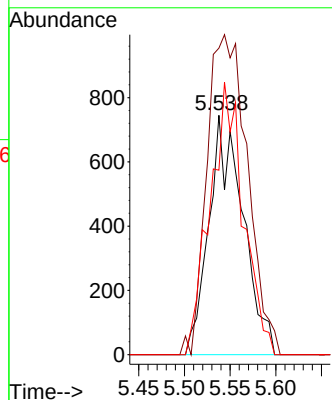
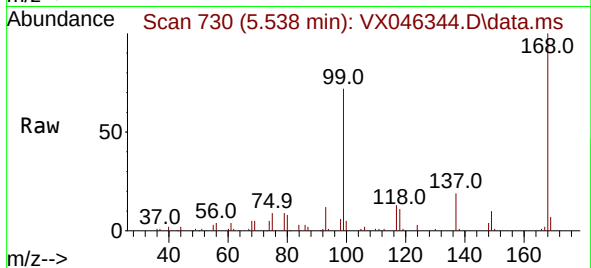




#31
Cyclohexane
Concen: 1.387 ug/l
RT: 5.538 min Scan# 718
Delta R.T. 0.073 min
Lab File: VX046344.D
Acq: 23 May 2025 14:53

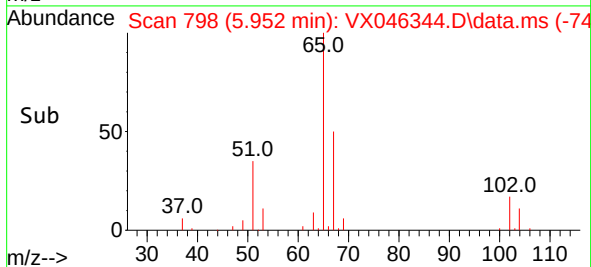
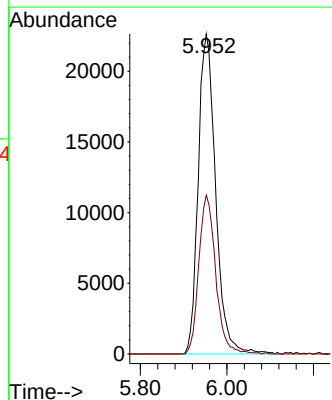
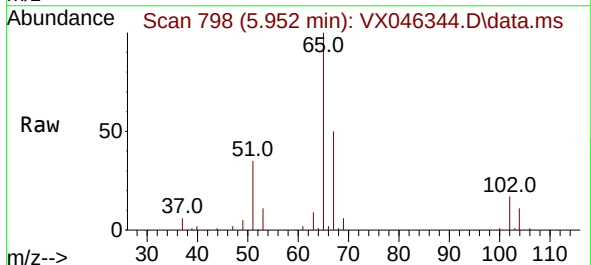
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-DUP-20250520

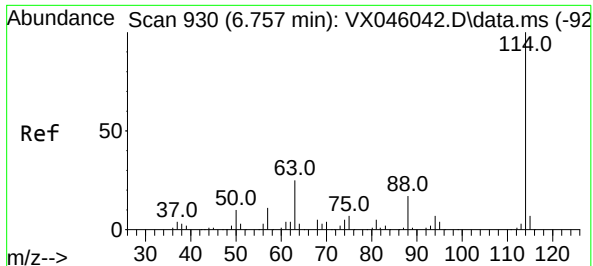
Tgt Ion: 56 Resp: 1932
Ion Ratio Lower Upper
56 100
69 128.1 24.4 36.6#
84 77.0 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 54.100 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX046344.D
Acq: 23 May 2025 14:53

Tgt Ion: 65 Resp: 63254
Ion Ratio Lower Upper
65 100
67 48.1 0.0 99.0

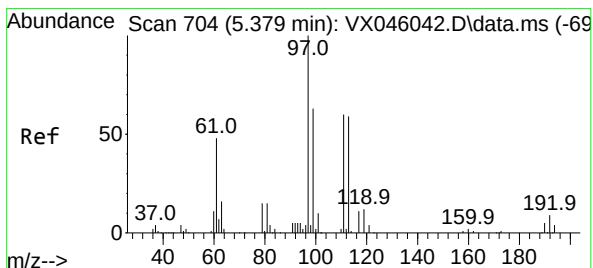
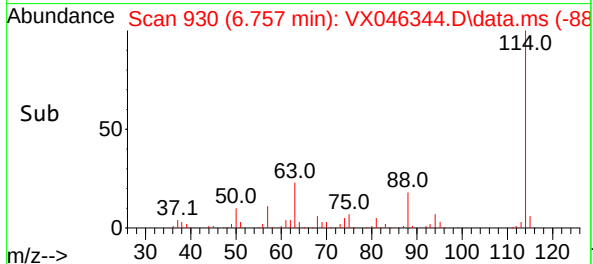
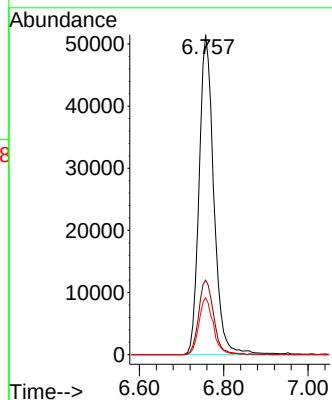
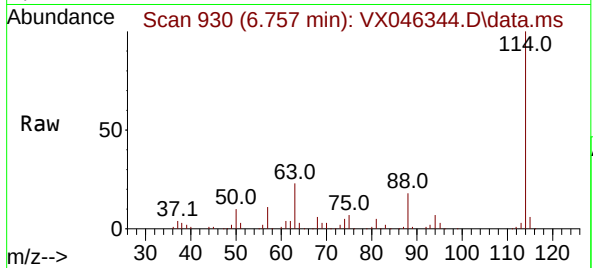




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX046344.D
Acq: 23 May 2025 14:53

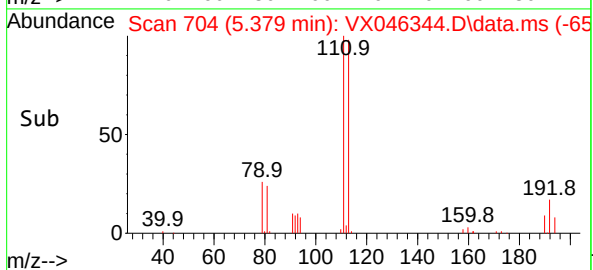
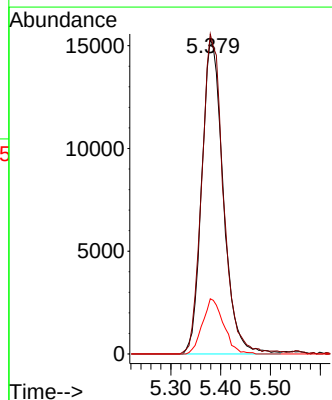
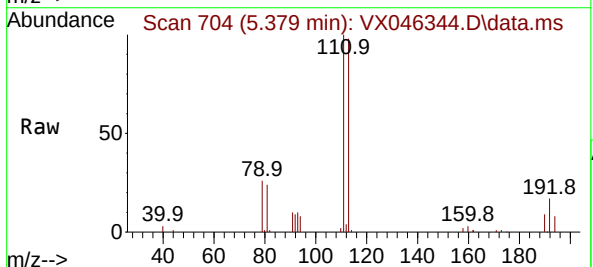
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-DUP-20250520

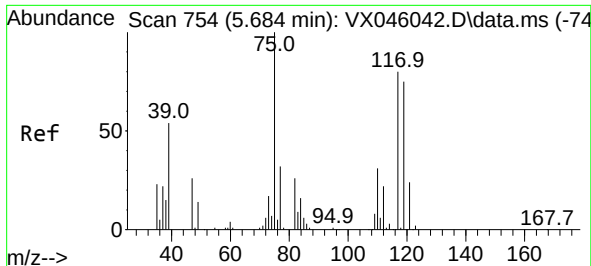
Tgt Ion:114 Resp: 124739
Ion Ratio Lower Upper
114 100
63 23.3 0.0 49.2
88 17.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.859 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX046344.D
Acq: 23 May 2025 14:53

Tgt Ion:113 Resp: 45684
Ion Ratio Lower Upper
113 100
111 102.4 83.1 124.7
192 17.3 13.3 19.9

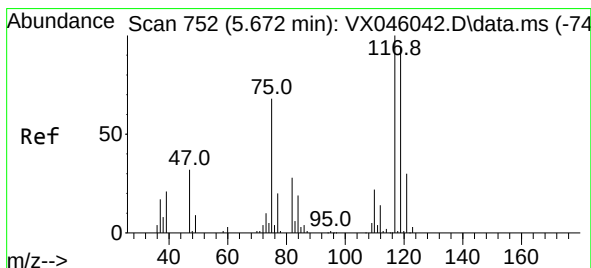
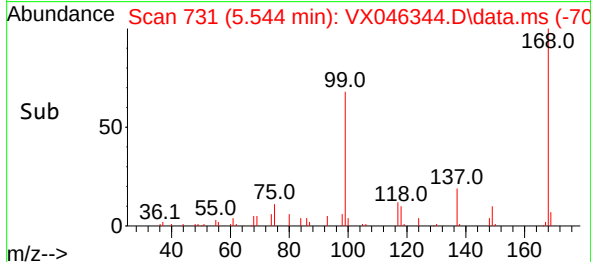
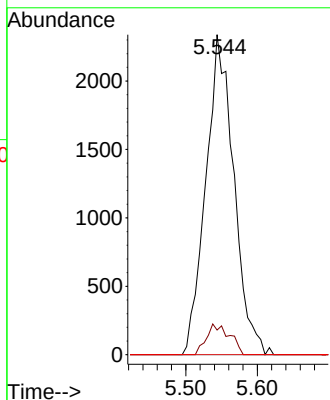
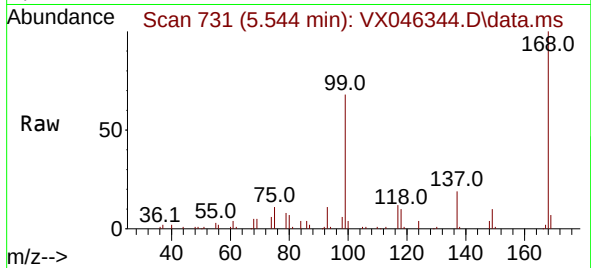




#36
1,1-Dichloropropene
Concen: 5.277 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX046344.D
Acq: 23 May 2025 14:53

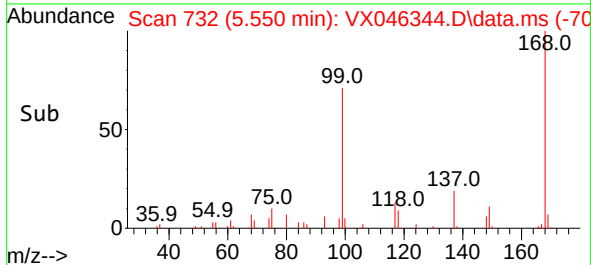
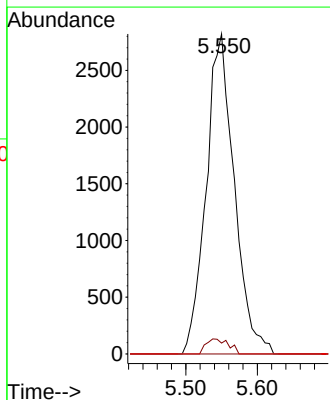
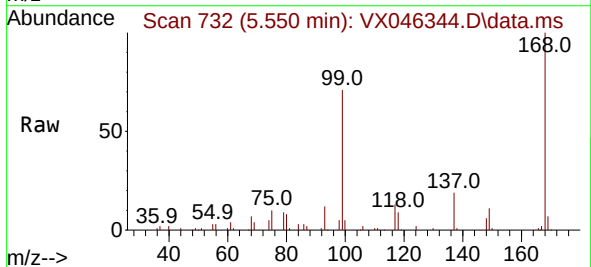
Instrument :
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ClientSampleId :
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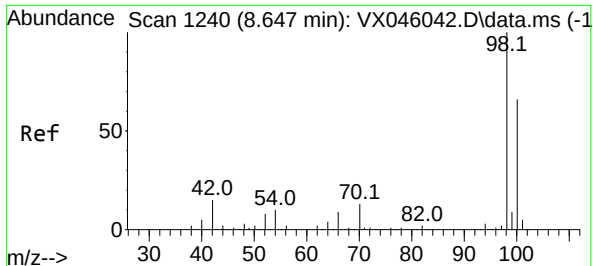
Tgt Ion: 75 Resp: 6369
Ion Ratio Lower Upper
75 100
110 7.9 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.692 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX046344.D
Acq: 23 May 2025 14:53

Tgt Ion: 117 Resp: 7719
Ion Ratio Lower Upper
117 100
119 3.4 75.2 112.8#
121 0.0 24.2 36.4#

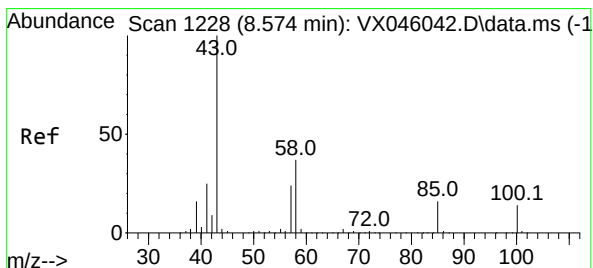
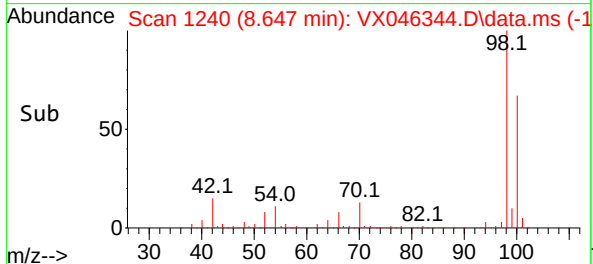
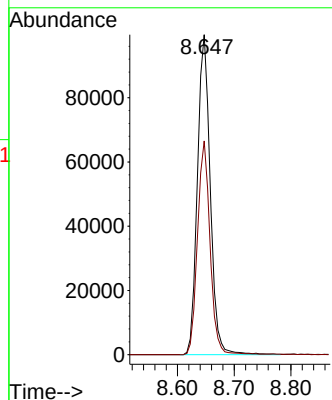
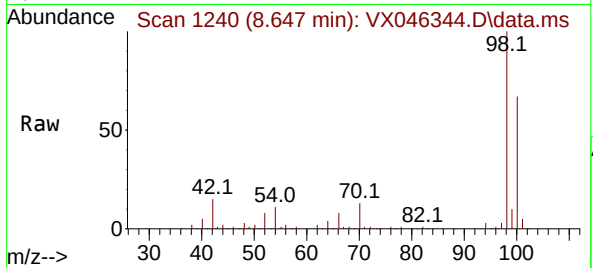




#50
Toluene-d8
Concen: 50.456 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046344.D
Acq: 23 May 2025 14:53

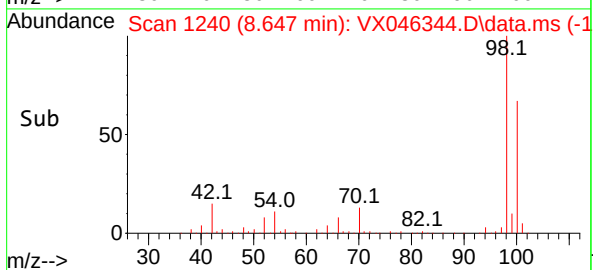
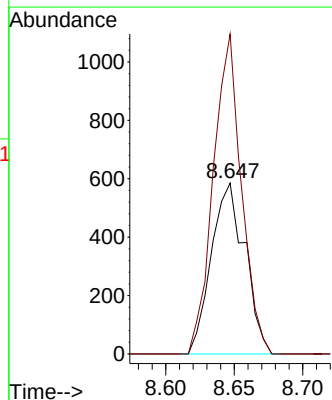
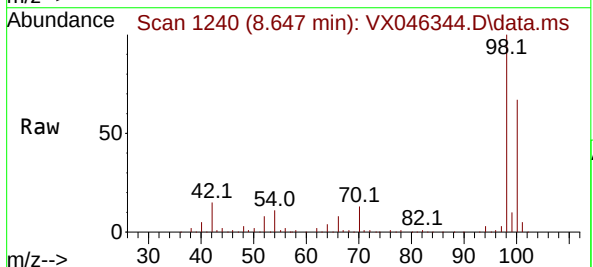
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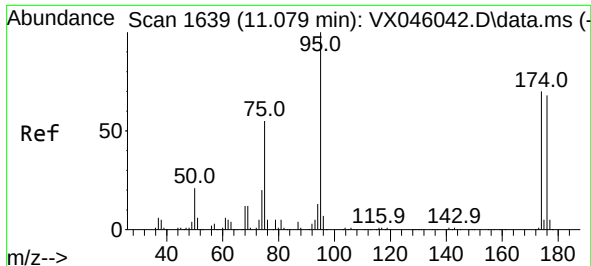
Tgt Ion: 98 Resp: 156867
Ion Ratio Lower Upper
98 100
100 65.2 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.660 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX046344.D
Acq: 23 May 2025 14:53

Tgt Ion: 43 Resp: 997
Ion Ratio Lower Upper
43 100
58 157.3 28.9 43.3#

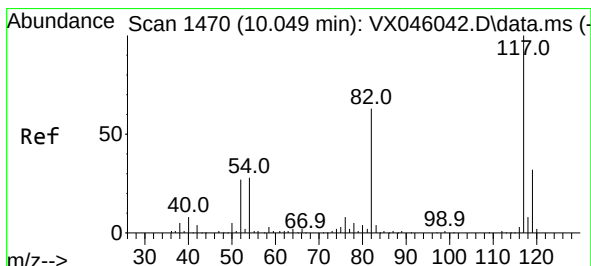
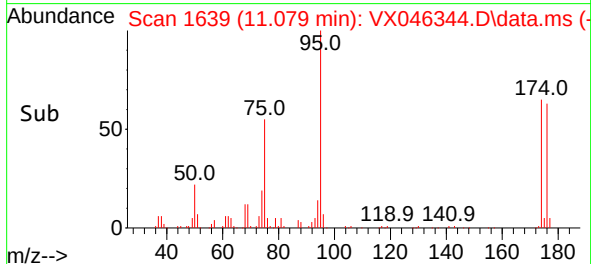
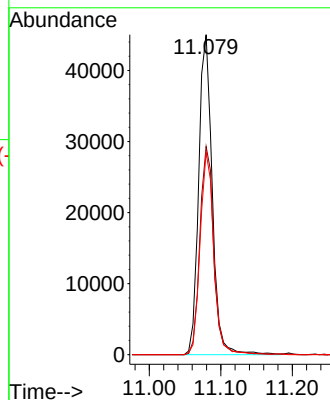
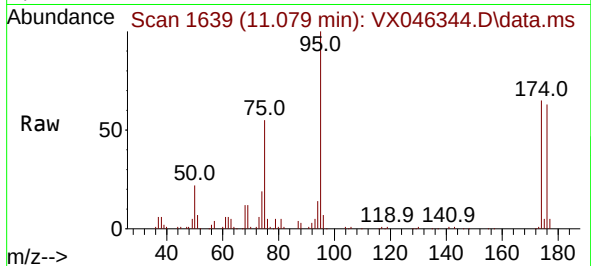




#62
4-Bromofluorobenzene
Concen: 49.676 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046344.D
Acq: 23 May 2025 14:53

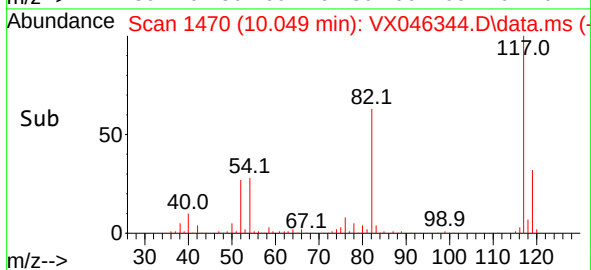
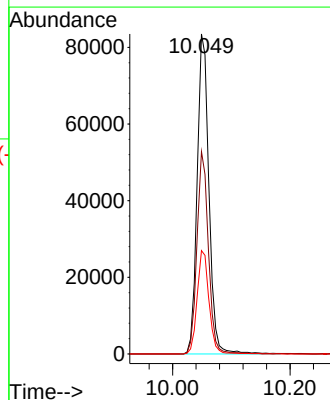
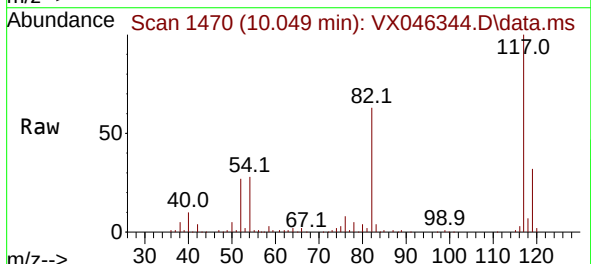
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-DUP-20250520

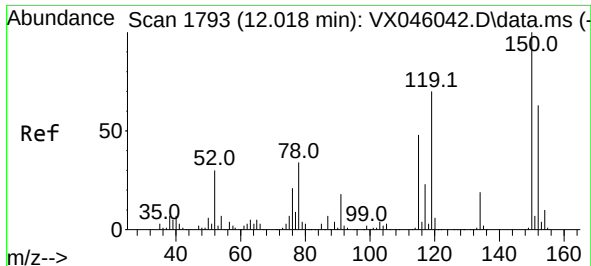
Tgt Ion: 95 Resp: 59241
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.8
176 63.8 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046344.D
Acq: 23 May 2025 14:53

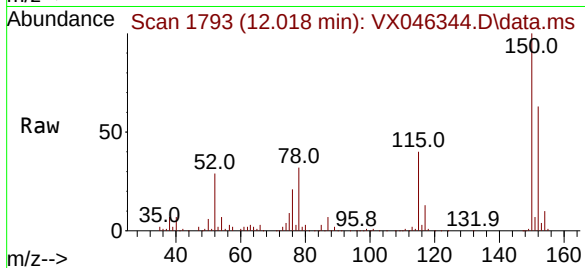
Tgt Ion: 117 Resp: 116065
Ion Ratio Lower Upper
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82 63.2 50.6 76.0
119 32.3 25.8 38.6



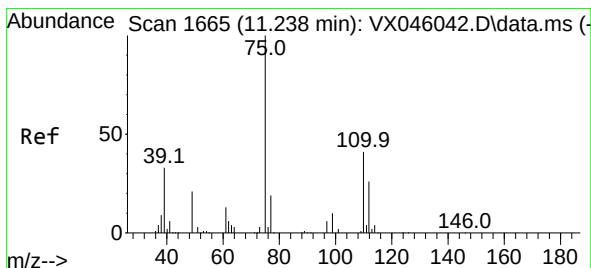
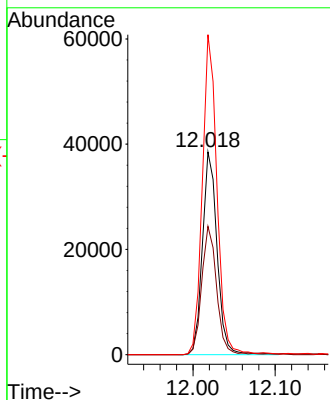
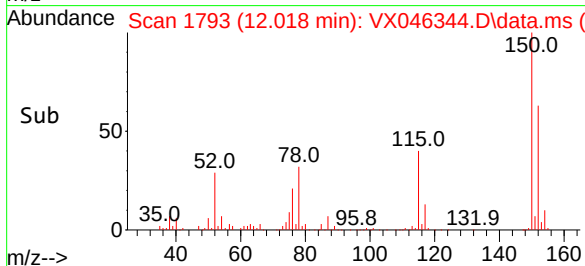


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046344.D
 Acq: 23 May 2025 14:53

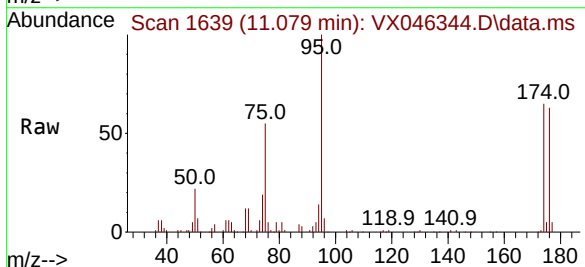
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-DUP-20250520



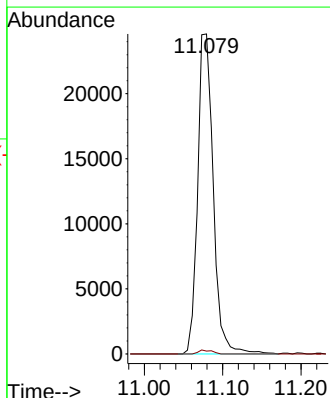
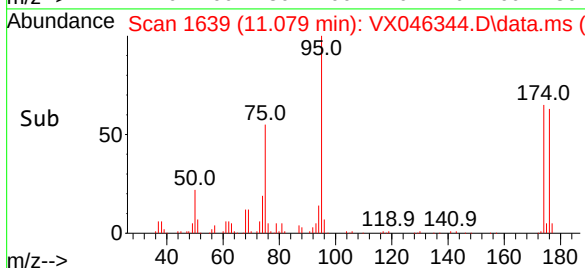
Tgt Ion:152 Resp: 47836
 Ion Ratio Lower Upper
 152 100
 115 64.9 46.9 140.7
 150 156.2 0.0 351.0

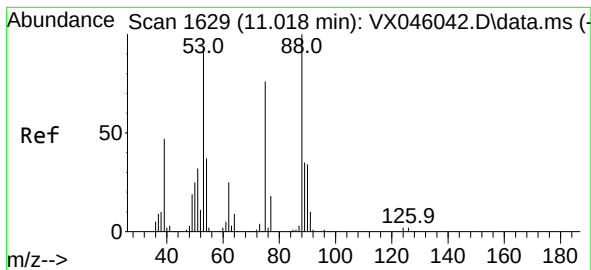


#76
 1,2,3-Trichloropropane
 Concen: 29.600 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX046344.D
 Acq: 23 May 2025 14:53



Tgt Ion: 75 Resp: 34083
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.370 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046344.D
 Acq: 23 May 2025 14:53

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-DUP-20250520

Tgt Ion: 75 Resp: 34083
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

