

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046347.D
 Acq On : 23 May 2025 16:03
 Operator : JC/MD
 Sample : Q2118-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-540-542

Quant Time: May 23 23:04:02 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)

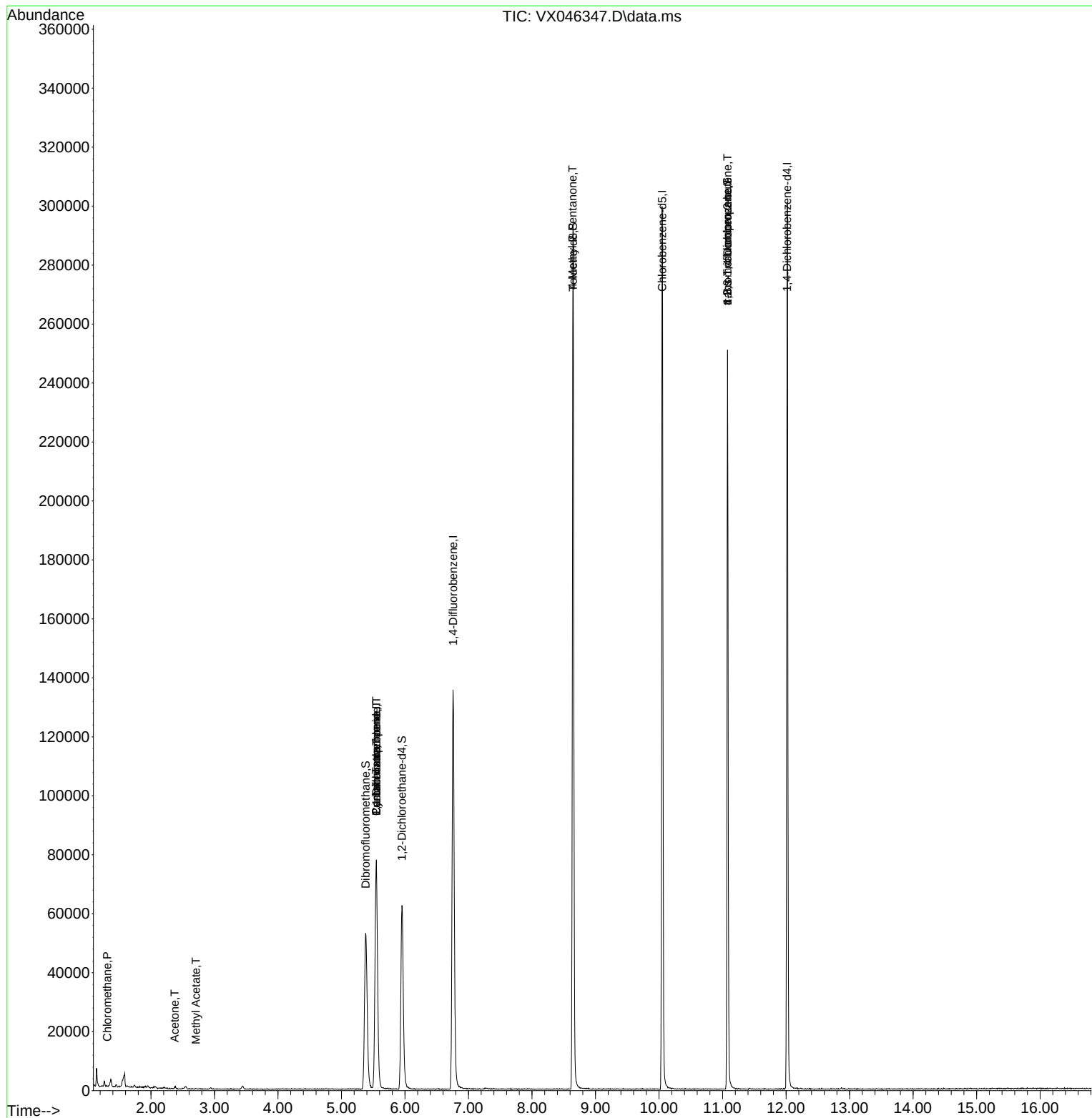
Internal Standards						
1) Pentafluorobenzene	5.550	168	64643	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127425	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64874	53.831	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.660%			
35) Dibromofluoromethane	5.379	113	46987	51.207	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.420%			
50) Toluene-d8	8.647	98	162398	51.134	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.260%			
62) 4-Bromofluorobenzene	11.079	95	63673	52.267	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.540%			
Target Compounds						Qvalue
3) Chloromethane	1.313	50	437	0.455	ug/l #	43
16) Acetone	2.373	43	850	1.759	ug/l	96
18) Methyl Acetate	2.709	43	270	0.241	ug/l #	55
31) Cyclohexane	5.550	56	1944	1.354	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	6472	5.249	ug/l #	52
38) Carbon Tetrachloride	5.550	117	8060	5.818	ug/l #	16
51) 4-Methyl-2-Pentanone	8.641	43	951	0.617	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	36957	28.624	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	36957	93.191	ug/l #	1

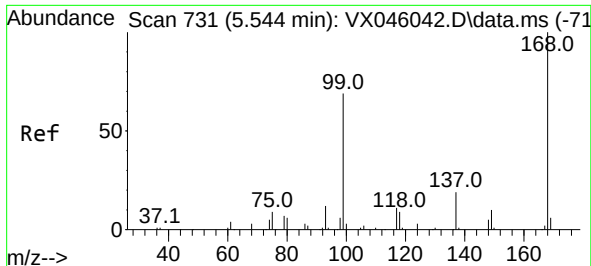
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-182-GW-540-542

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Quant Title : SW846 8260
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Response via : Initial Calibration

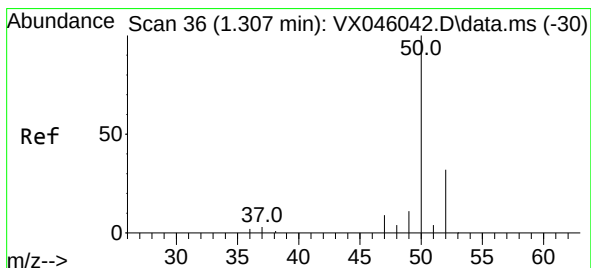
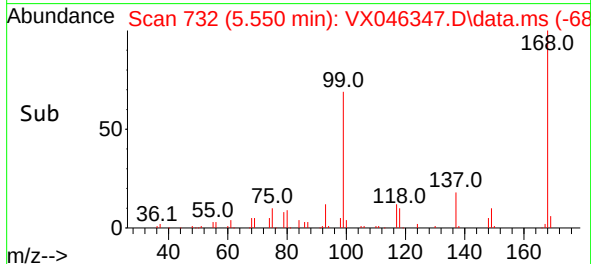
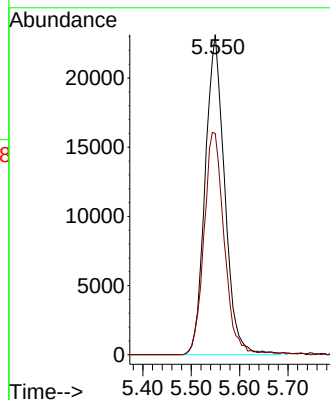
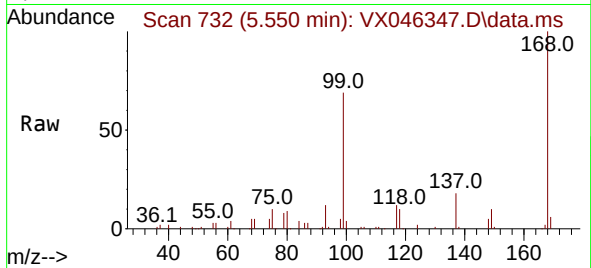




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046347.D
Acq: 23 May 2025 16:03

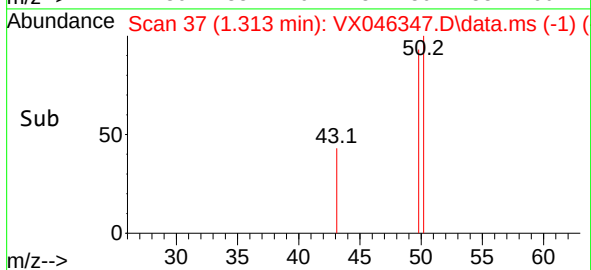
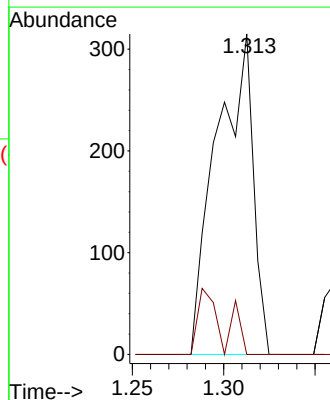
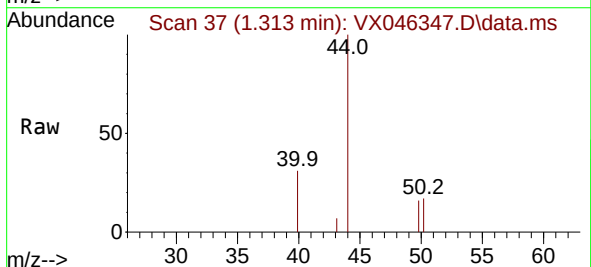
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-540-542

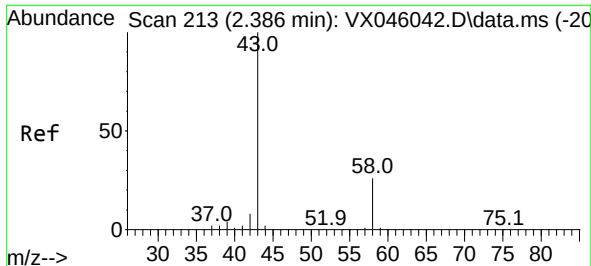
Tgt Ion:168 Resp: 64643
Ion Ratio Lower Upper
168 100
99 69.1 54.9 82.3



#3
Chloromethane
Concen: 0.455 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.006 min
Lab File: VX046347.D
Acq: 23 May 2025 16:03

Tgt Ion: 50 Resp: 437
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

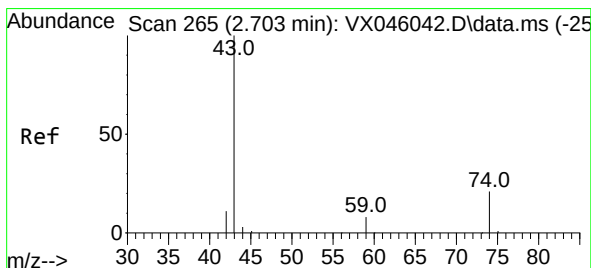
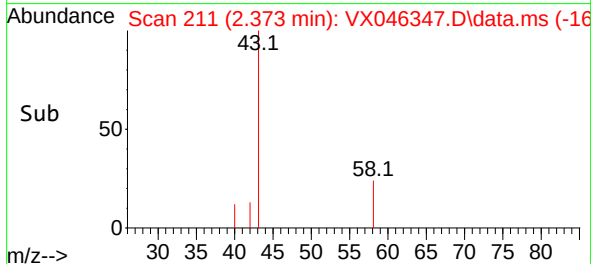
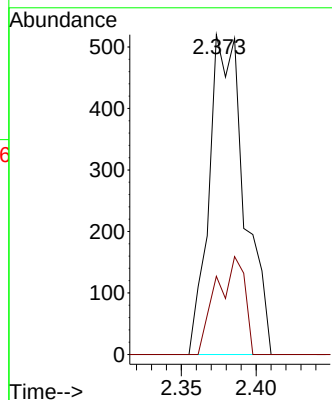
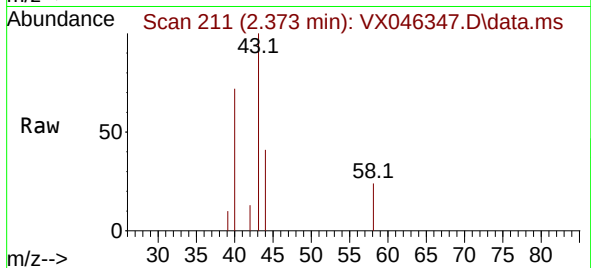




#16
Acetone
Concen: 1.759 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.012 min
Lab File: VX046347.D
Acq: 23 May 2025 16:03

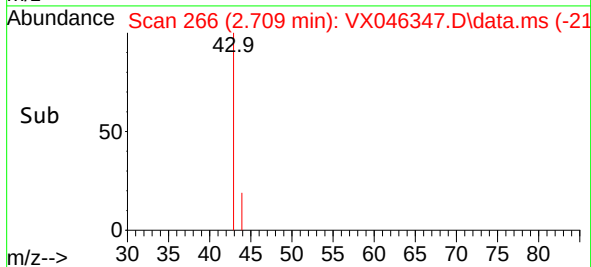
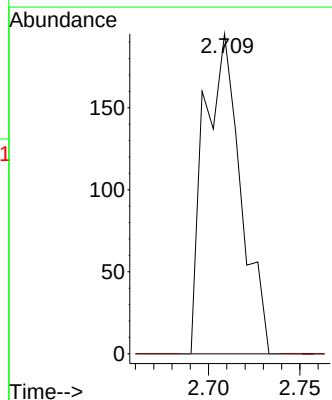
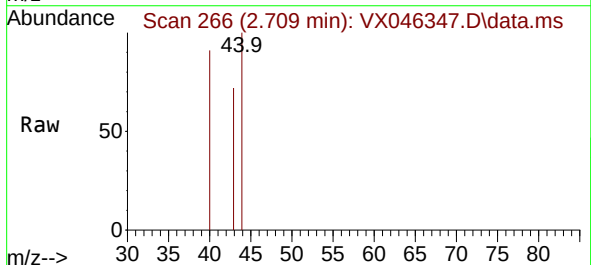
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-540-542

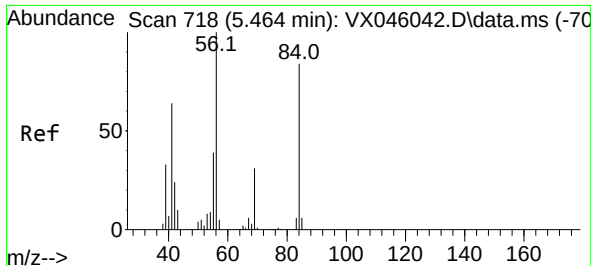
Tgt Ion: 43 Resp: 850
Ion Ratio Lower Upper
43 100
58 24.4 21.2 31.8



#18
Methyl Acetate
Concen: 0.241 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX046347.D
Acq: 23 May 2025 16:03

Tgt Ion: 43 Resp: 270
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#

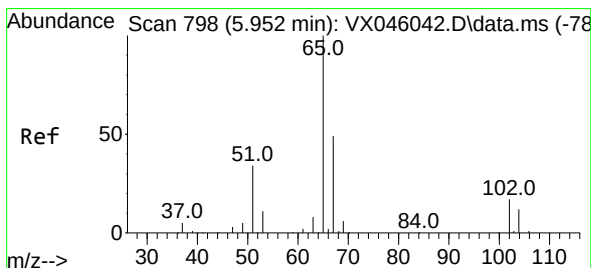
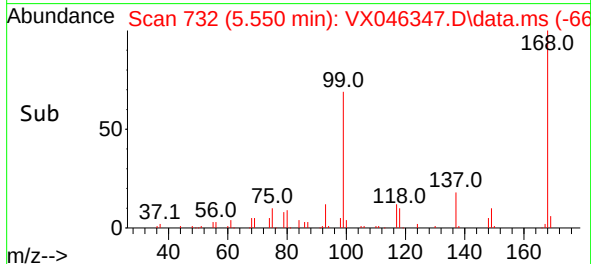
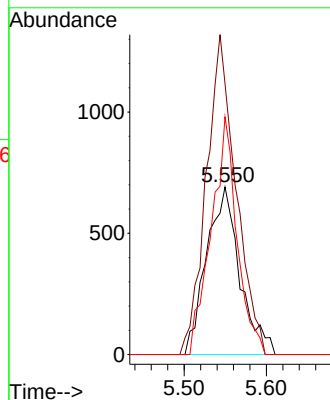
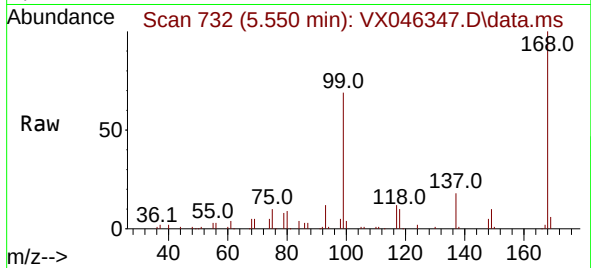




#31
Cyclohexane
Concen: 1.354 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX046347.D
Acq: 23 May 2025 16:03

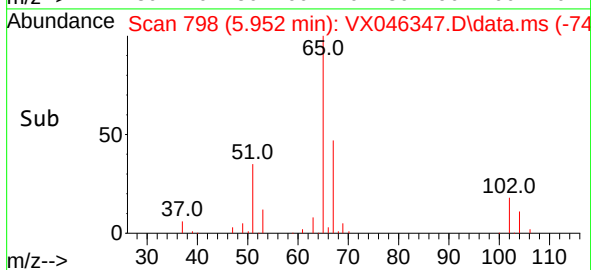
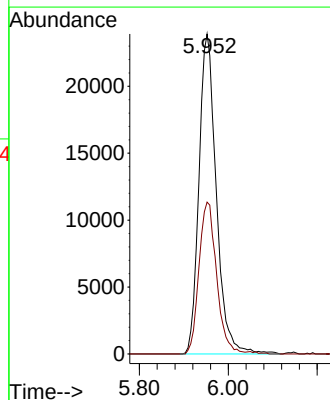
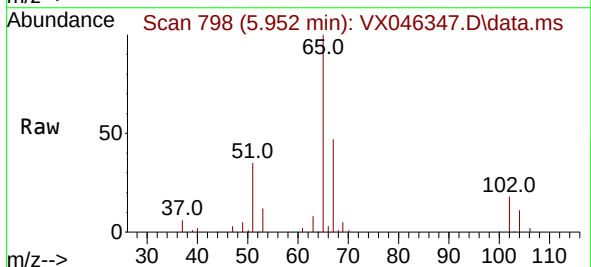
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-540-542

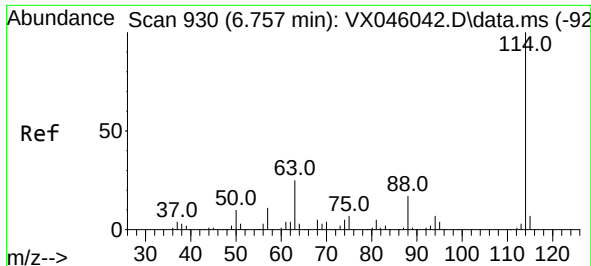
Tgt Ion: 56 Resp: 1944
Ion Ratio Lower Upper
56 100
69 161.8 24.4 36.6#
84 141.8 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 53.831 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046347.D
Acq: 23 May 2025 16:03

Tgt Ion: 65 Resp: 64874
Ion Ratio Lower Upper
65 100
67 48.2 0.0 99.0

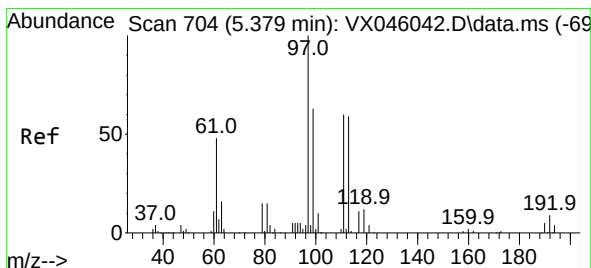
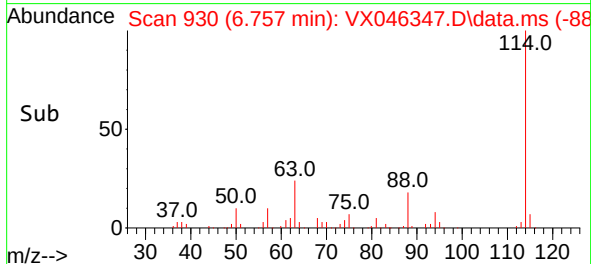
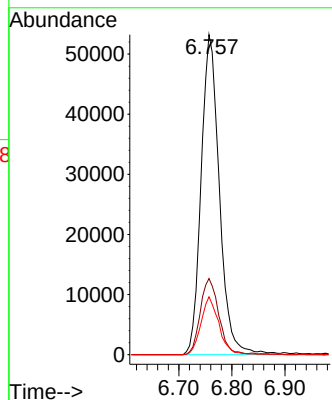
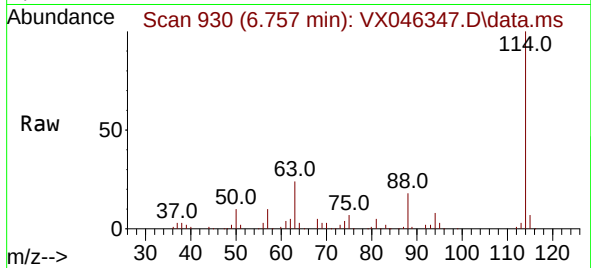




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046347.D
Acq: 23 May 2025 16:03

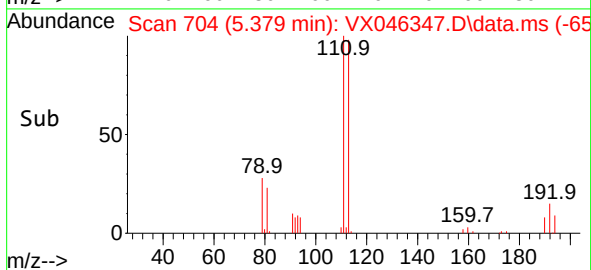
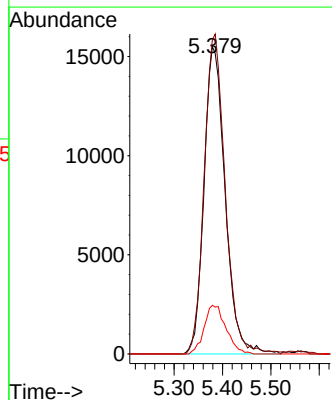
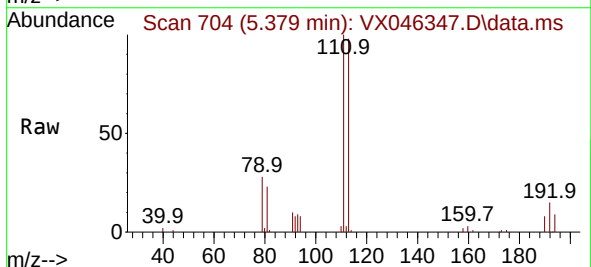
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-540-542

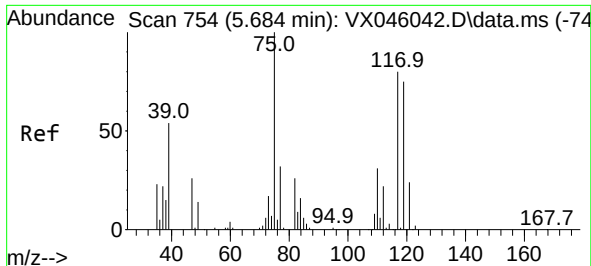
Tgt Ion:114 Resp: 127425
Ion Ratio Lower Upper
114 100
63 23.8 0.0 49.2
88 18.1 0.0 33.6



#35
Dibromofluoromethane
Concen: 51.207 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046347.D
Acq: 23 May 2025 16:03

Tgt Ion:113 Resp: 46987
Ion Ratio Lower Upper
113 100
111 103.0 83.1 124.7
192 16.4 13.3 19.9

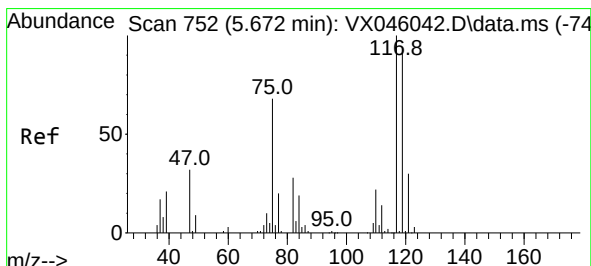
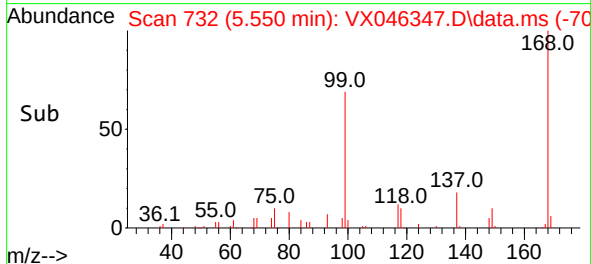
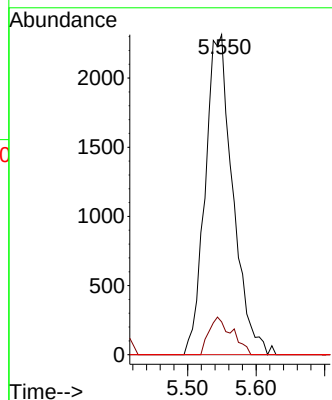
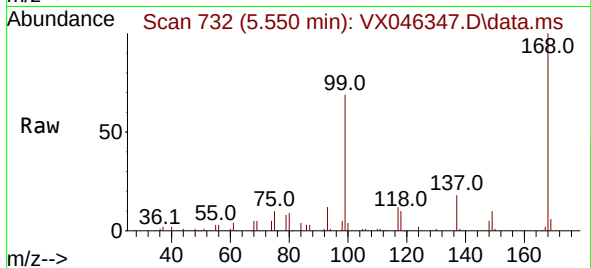




#36
1,1-Dichloropropene
Concen: 5.249 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.134 min
Lab File: VX046347.D
Acq: 23 May 2025 16:03

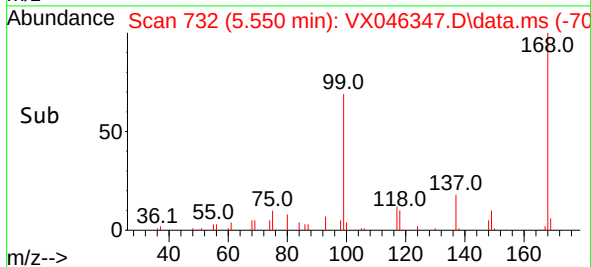
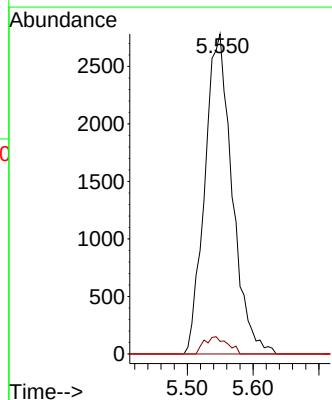
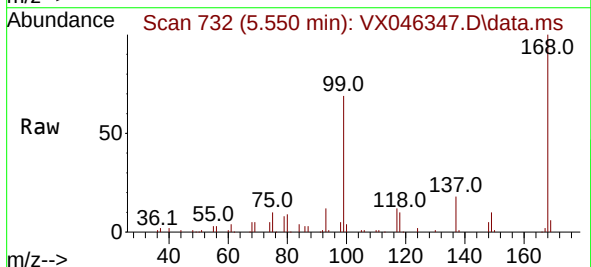
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-540-542

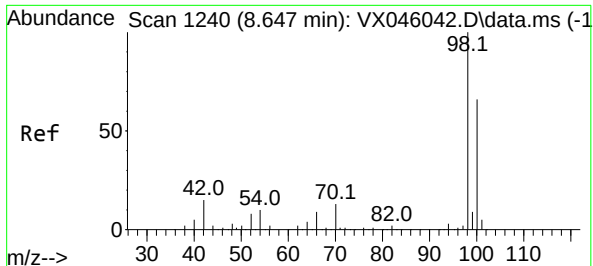
Tgt Ion: 75 Resp: 6472
Ion Ratio Lower Upper
75 100
110 9.9 16.3 48.9#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.818 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX046347.D
Acq: 23 May 2025 16:03

Tgt Ion: 117 Resp: 8060
Ion Ratio Lower Upper
117 100
119 4.0 75.2 112.8#
121 0.0 24.2 36.4#

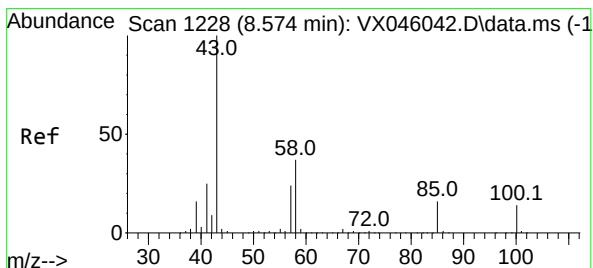
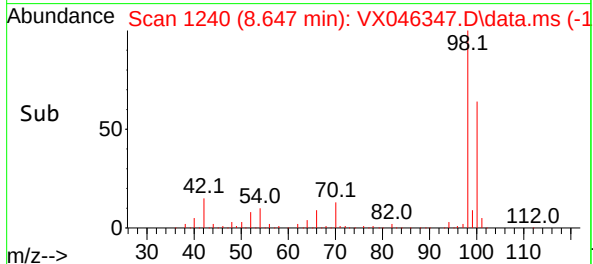
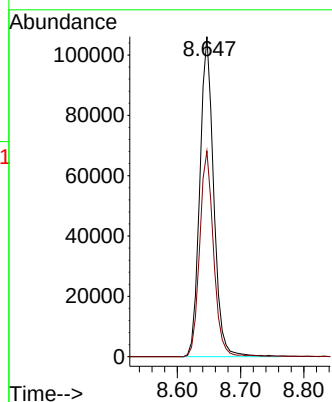
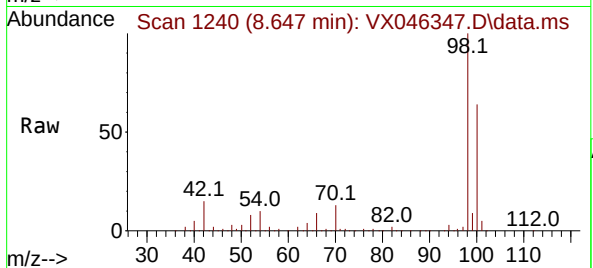




#50
Toluene-d8
Concen: 51.134 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046347.D
Acq: 23 May 2025 16:03

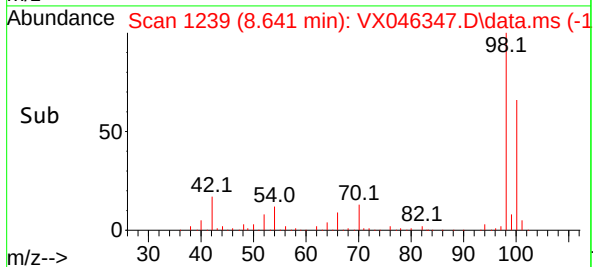
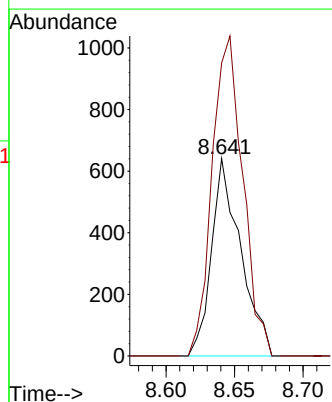
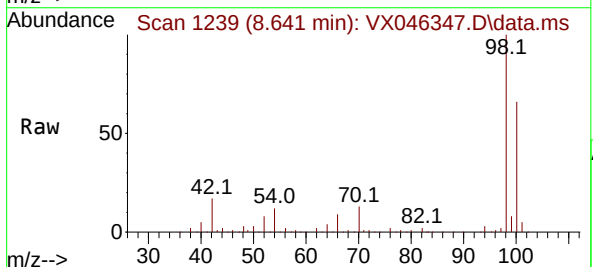
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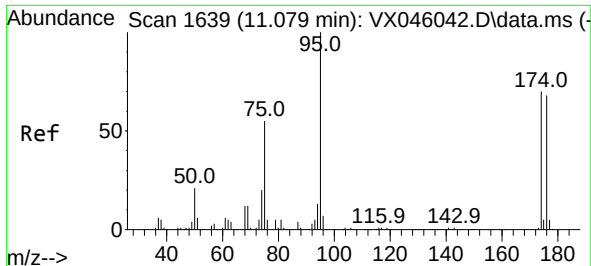
Tgt Ion: 98 Resp: 162398
Ion Ratio Lower Upper
98 100
100 64.4 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.617 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX046347.D
Acq: 23 May 2025 16:03

Tgt Ion: 43 Resp: 951
Ion Ratio Lower Upper
43 100
58 170.3 28.9 43.3#

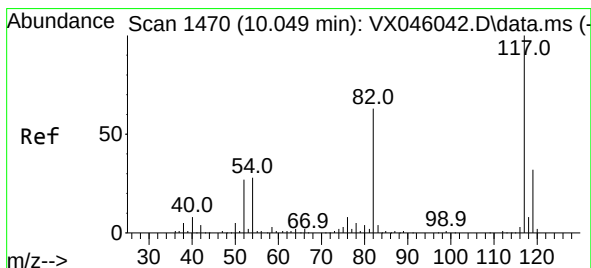
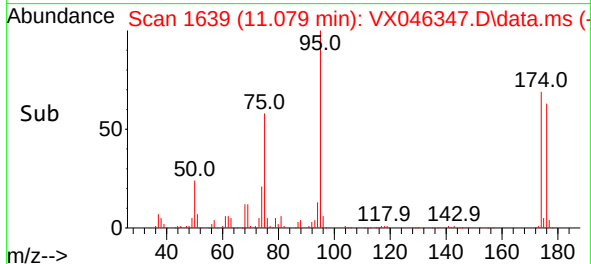
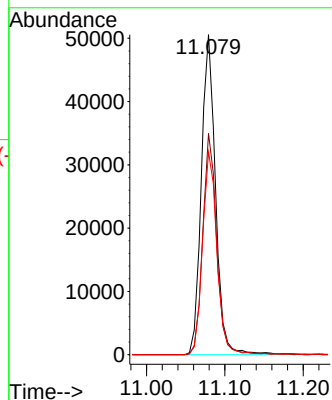
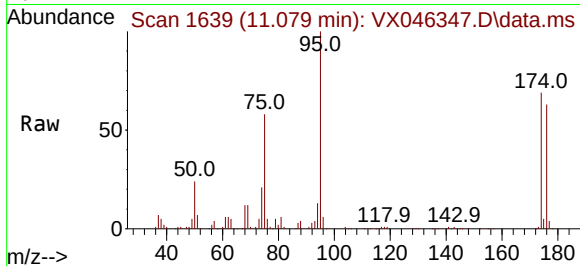




#62
4-Bromofluorobenzene
Concen: 52.267 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046347.D
Acq: 23 May 2025 16:03

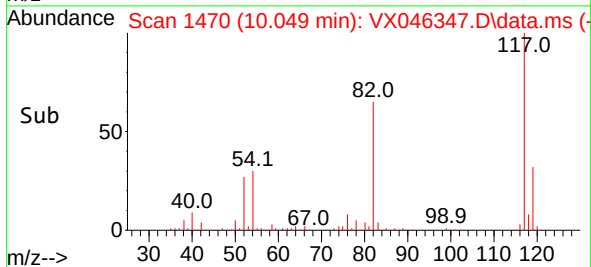
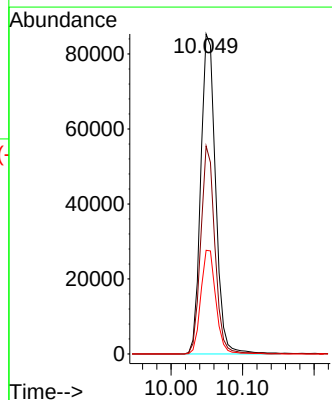
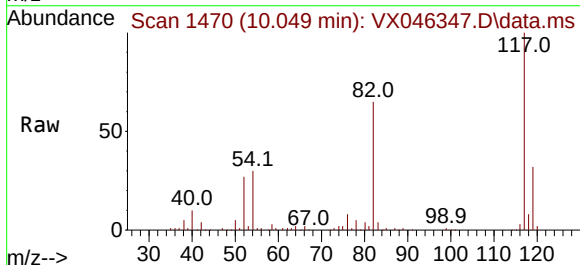
Instrument :
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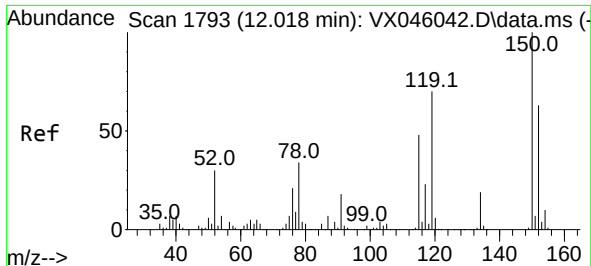
Tgt Ion: 95 Resp: 63673
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 64.3 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046347.D
Acq: 23 May 2025 16:03

Tgt Ion: 117 Resp: 122773
Ion Ratio Lower Upper
117 100
82 65.0 50.6 76.0
119 32.4 25.8 38.6

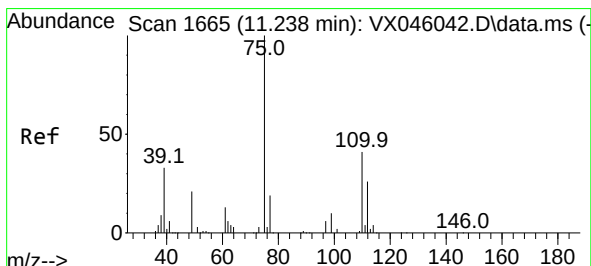
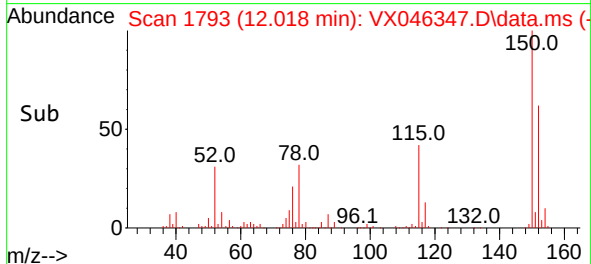
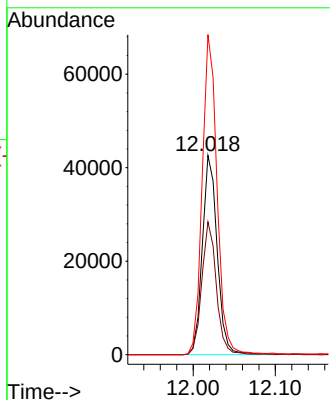
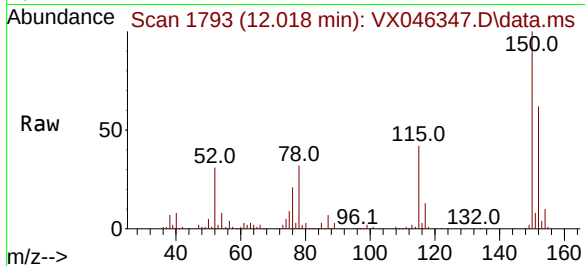




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046347.D
 Acq: 23 May 2025 16:03

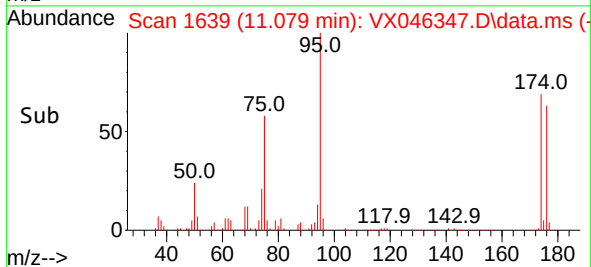
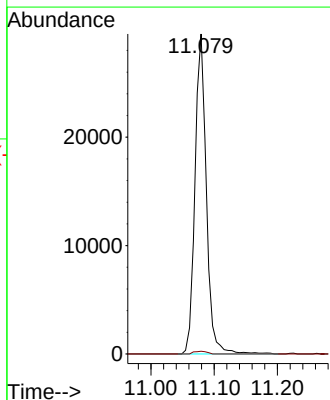
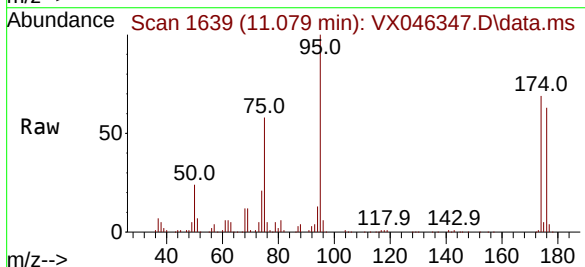
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-540-542

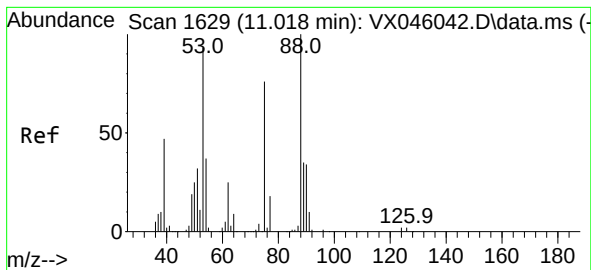
Tgt Ion:152 Resp: 53639
 Ion Ratio Lower Upper
 152 100
 115 65.1 46.9 140.7
 150 160.4 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 28.624 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046347.D
 Acq: 23 May 2025 16:03

Tgt Ion: 75 Resp: 36957
 Ion Ratio Lower Upper
 75 100
 77 1.0 20.5 61.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.191 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX046347.D
 Acq: 23 May 2025 16:03

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-540-542

Tgt Ion: 75 Resp: 36957
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#

