

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046342.D
 Acq On : 23 May 2025 14:06
 Operator : JC/MD
 Sample : Q2118-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-420-422

Quant Time: May 23 23:02:10 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)

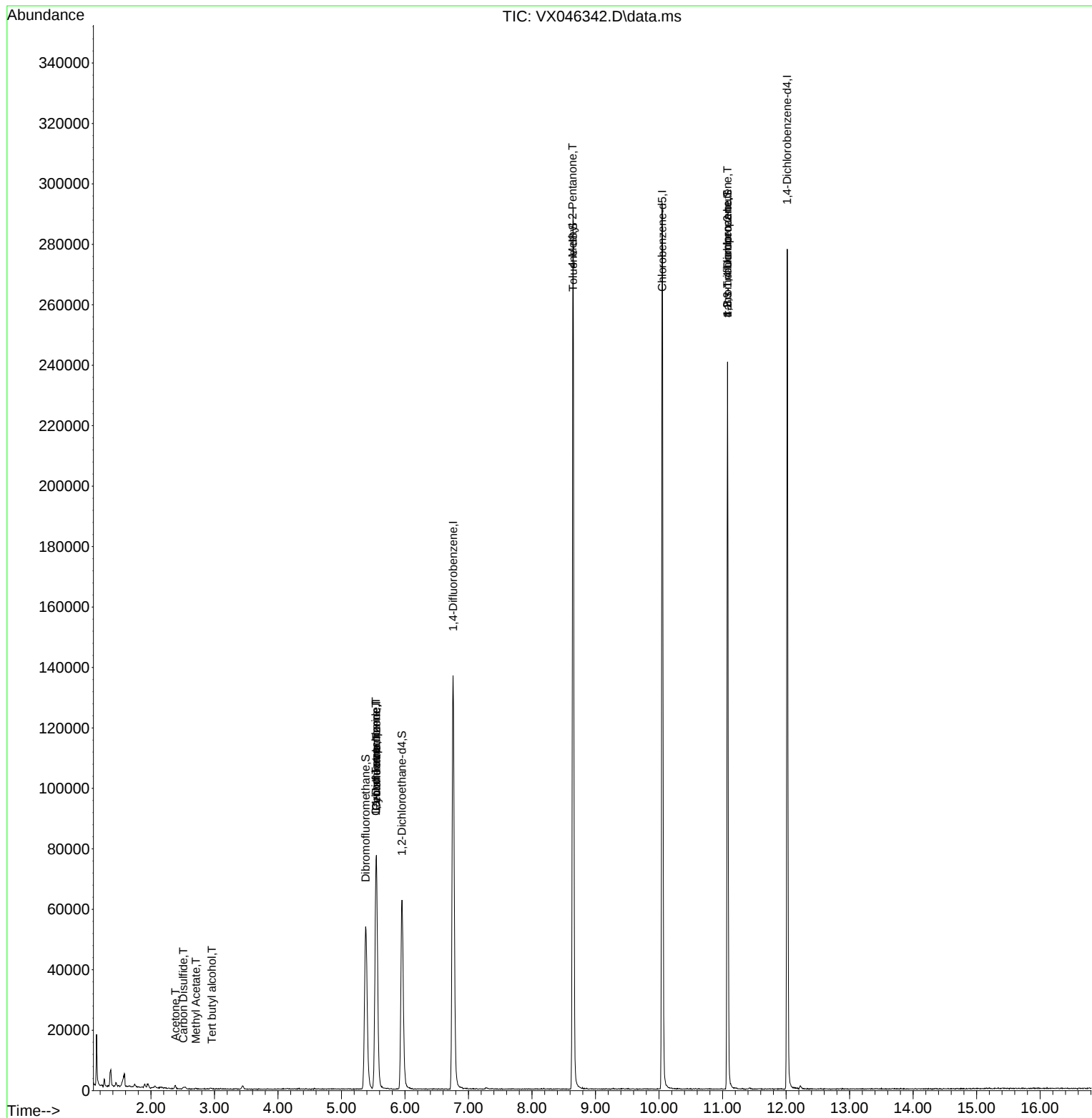
Internal Standards						
1) Pentafluorobenzene	5.550	168	66286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129308	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	121023	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49690	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65112	52.689	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.380%	
35) Dibromofluoromethane	5.379	113	46984	50.458	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.920%	
50) Toluene-d8	8.647	98	163256	50.656	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.320%	
62) 4-Bromofluorobenzene	11.079	95	61565	49.800	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.600%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	57	0.329	ug/l #	72
16) Acetone	2.386	43	1348	2.721	ug/l #	85
17) Carbon Disulfide	2.508	76	667	0.358	ug/l #	83
18) Methyl Acetate	2.709	43	345	0.300	ug/l #	55
31) Cyclohexane	5.550	56	2032	1.380	ug/l #	46
36) 1,1-Dichloropropene	5.544	75	6568	5.250	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7888	5.611	ug/l #	19
51) 4-Methyl-2-Pentanone	8.641	43	959	0.613	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35672	29.825	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	35672	97.099	ug/l #	1

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
Data File : VX046342.D
Acq On : 23 May 2025 14:06
Operator : JC/MD
Sample : Q2118-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-420-422

Quant Time: May 23 23:02:10 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

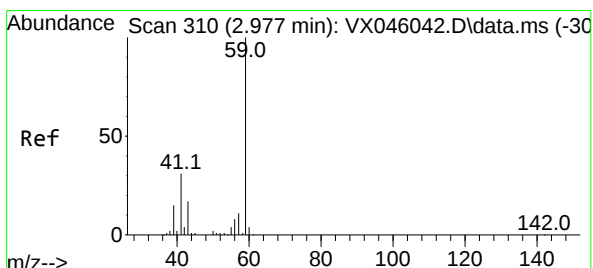
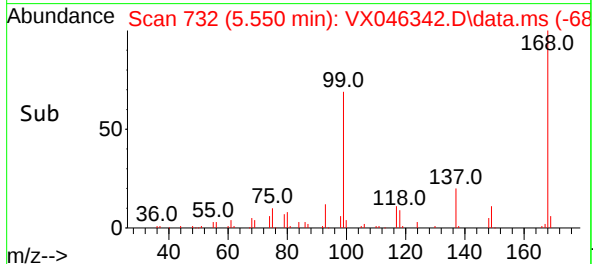
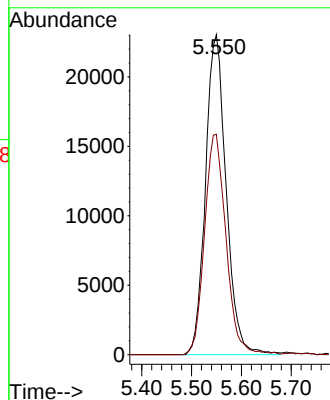
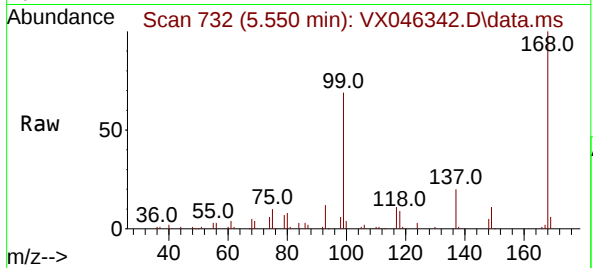




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046342.D
Acq: 23 May 2025 14:06

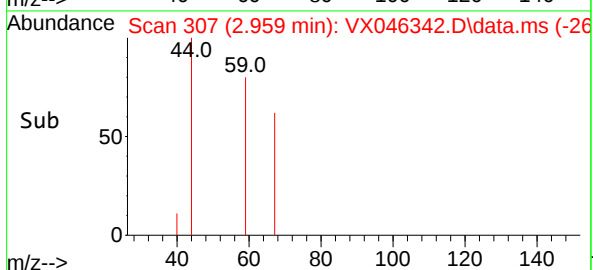
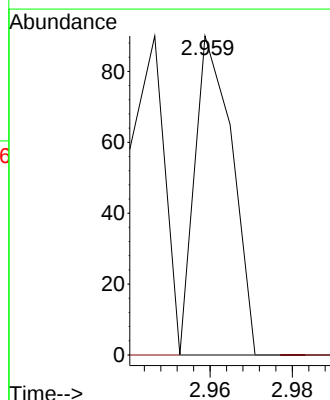
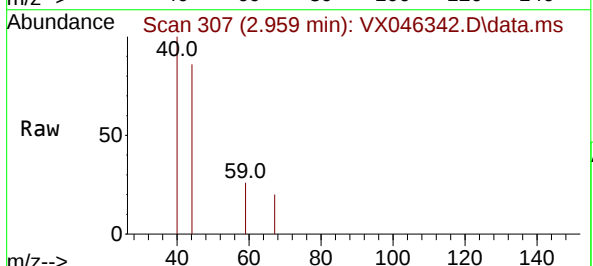
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-420-422

Tgt Ion:168 Resp: 66286
Ion Ratio Lower Upper
168 100
99 68.8 54.9 82.3



#11
Tert butyl alcohol
Concen: 0.329 ug/l
RT: 2.959 min Scan# 307
Delta R.T. -0.018 min
Lab File: VX046342.D
Acq: 23 May 2025 14:06

Tgt Ion: 59 Resp: 57
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

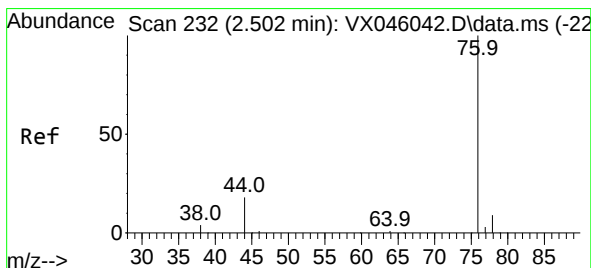
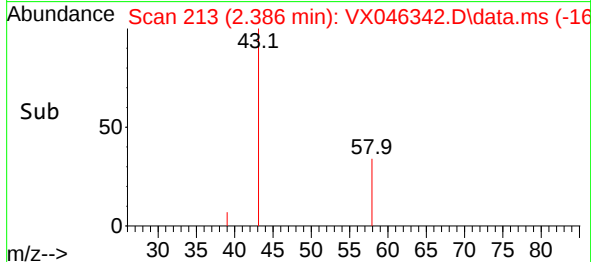
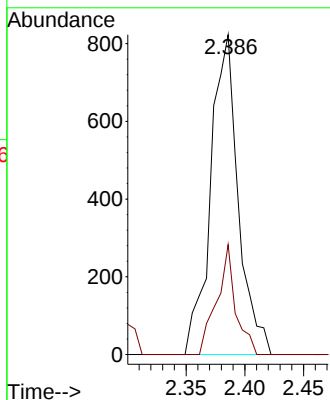
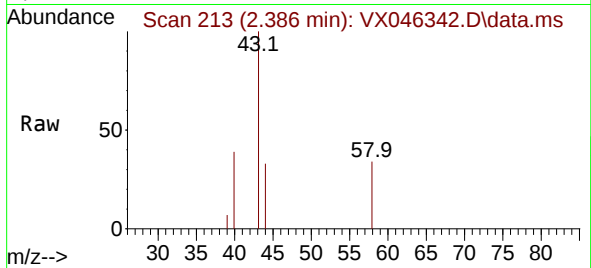




#16
Acetone
Concen: 2.721 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046342.D
Acq: 23 May 2025 14:06

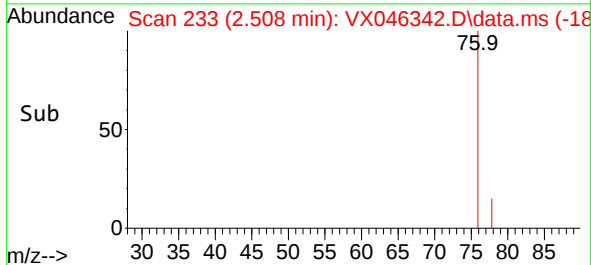
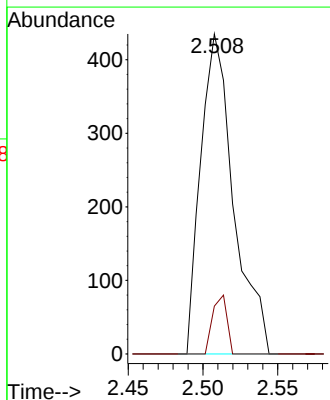
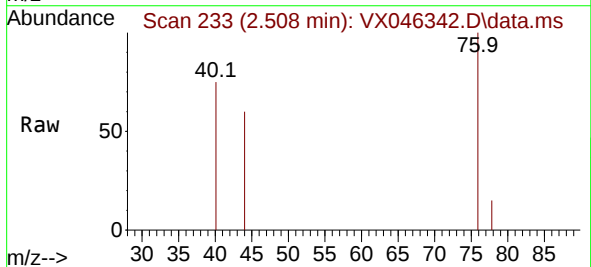
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-420-422

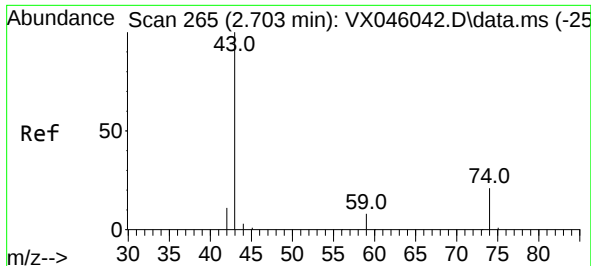
Tgt Ion: 43 Resp: 1348
Ion Ratio Lower Upper
43 100
58 34.4 21.2 31.8#



#17
Carbon Disulfide
Concen: 0.358 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX046342.D
Acq: 23 May 2025 14:06

Tgt Ion: 76 Resp: 667
Ion Ratio Lower Upper
76 100
78 14.9 7.0 10.4#

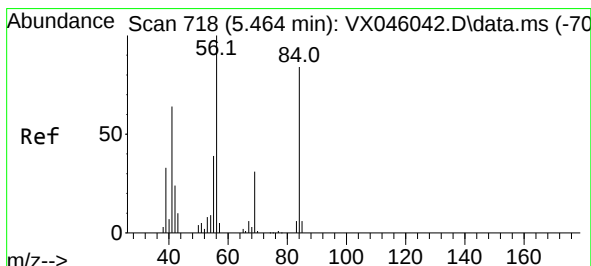
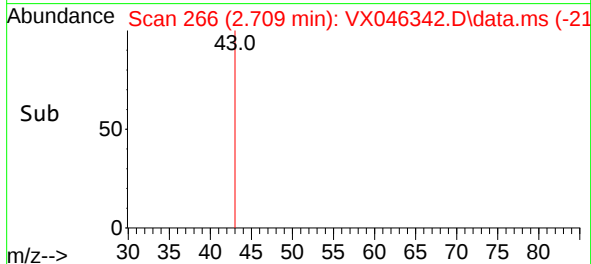
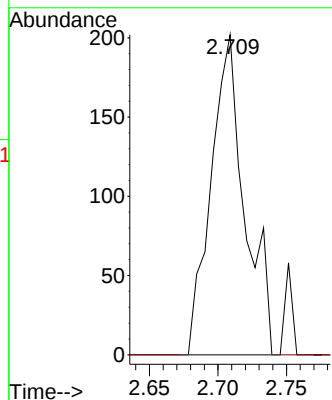
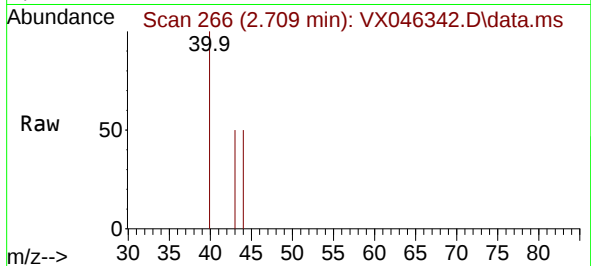




#18
Methyl Acetate
Concen: 0.300 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046342.D
Acq: 23 May 2025 14:06

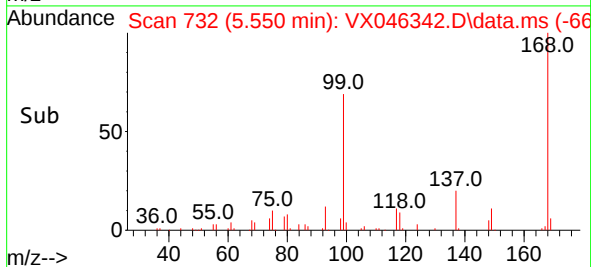
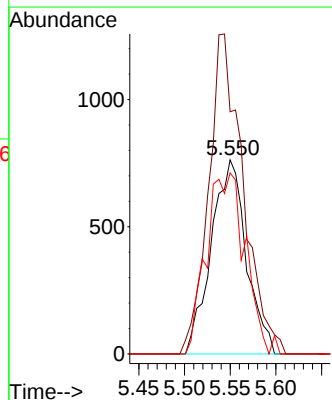
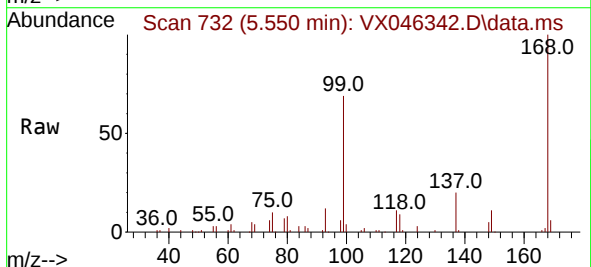
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-420-422

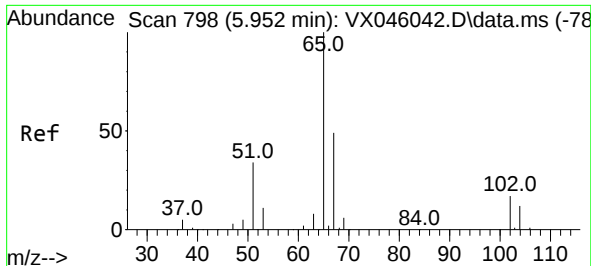
Tgt Ion: 43 Resp: 345
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#31
Cyclohexane
Concen: 1.380 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX046342.D
Acq: 23 May 2025 14:06

Tgt Ion: 56 Resp: 2032
Ion Ratio Lower Upper
56 100
69 124.8 24.4 36.6#
84 93.3 66.9 100.3

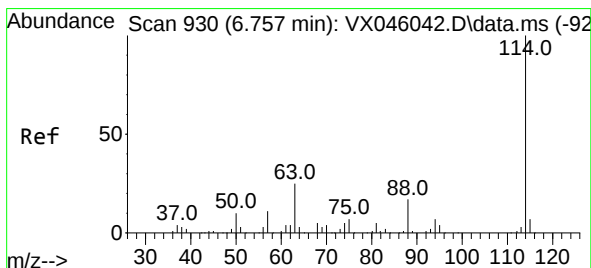
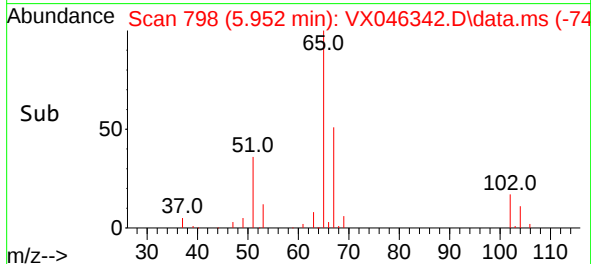
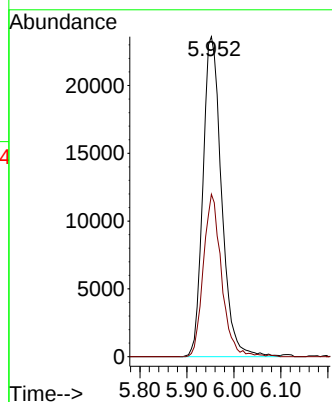
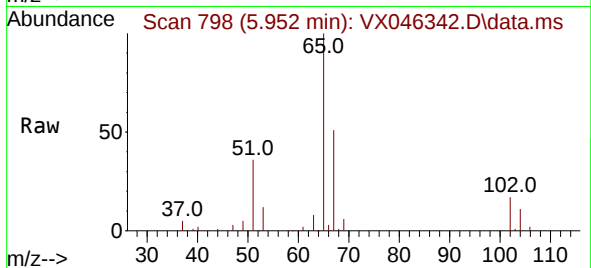




#33
 1,2-Dichloroethane-d4
 Concen: 52.689 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046342.D
 Acq: 23 May 2025 14:06

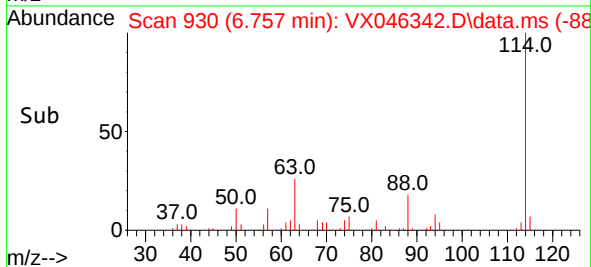
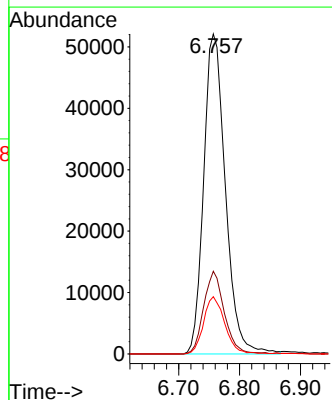
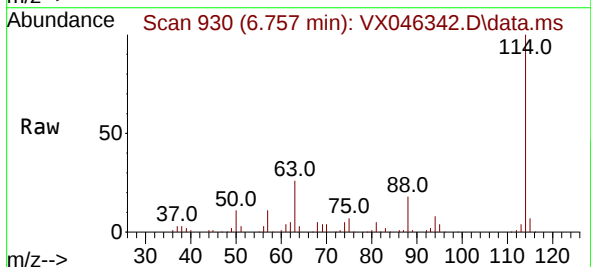
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-420-422

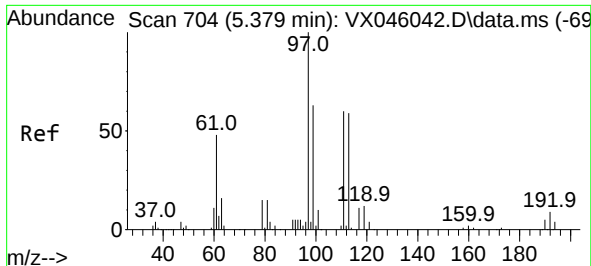
Tgt Ion: 65 Resp: 65112
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX046342.D
 Acq: 23 May 2025 14:06

Tgt Ion: 114 Resp: 129308
 Ion Ratio Lower Upper
 114 100
 63 25.9 0.0 49.2
 88 17.9 0.0 33.6

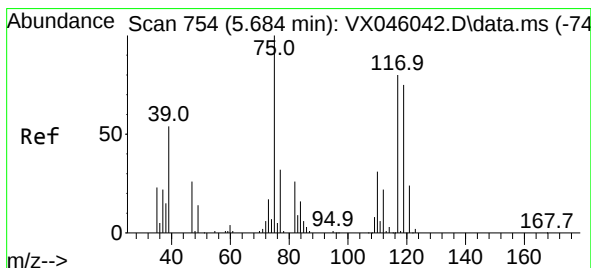
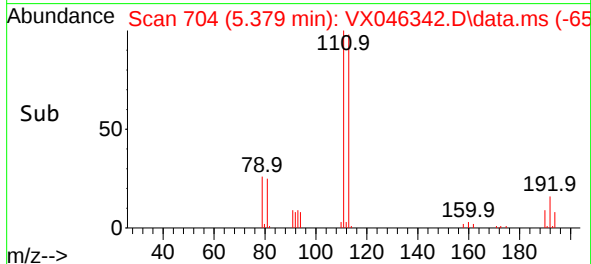
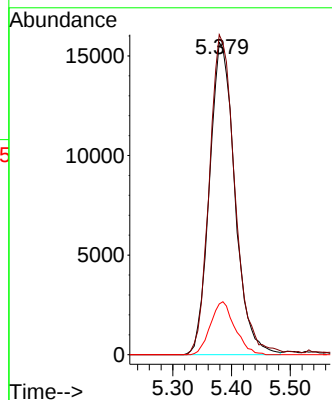
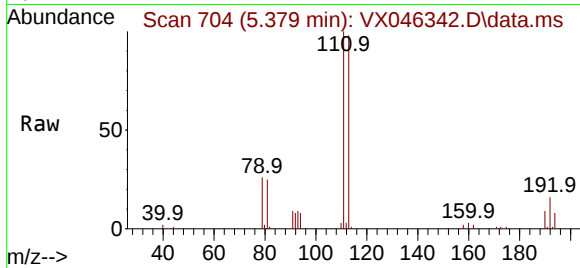




#35
Dibromofluoromethane
Concen: 50.458 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046342.D
Acq: 23 May 2025 14:06

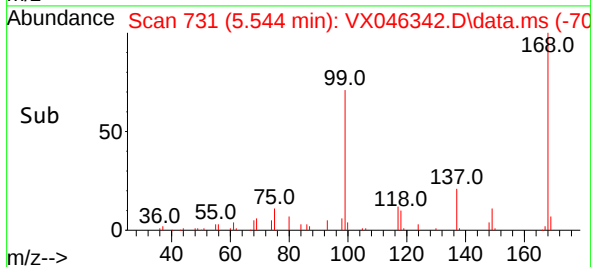
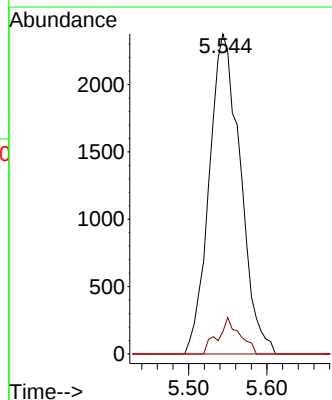
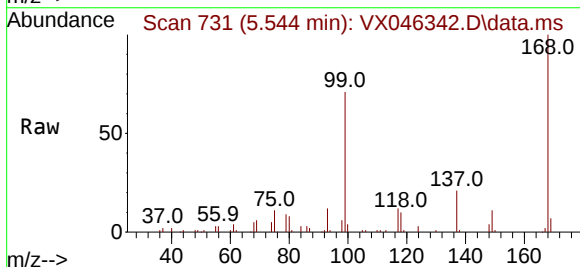
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-420-422

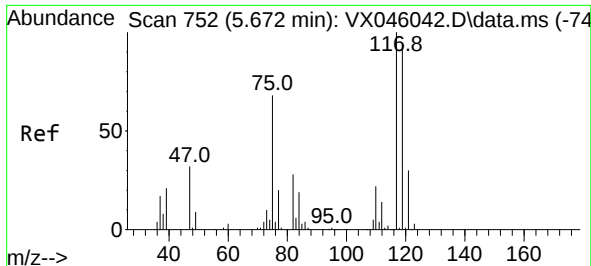
Tgt Ion:113 Resp: 46984
Ion Ratio Lower Upper
113 100
111 103.2 83.1 124.7
192 16.3 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.250 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX046342.D
Acq: 23 May 2025 14:06

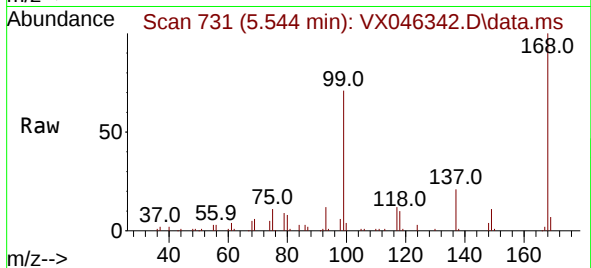
Tgt Ion: 75 Resp: 6568
Ion Ratio Lower Upper
75 100
110 7.9 16.3 48.9#
77 0.0 24.3 36.5#



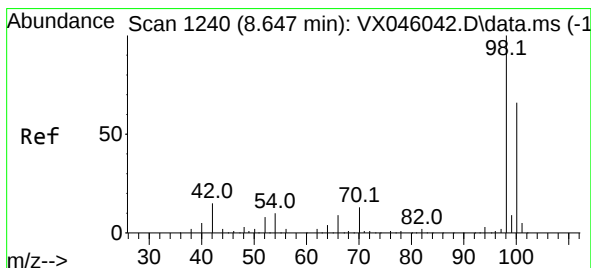
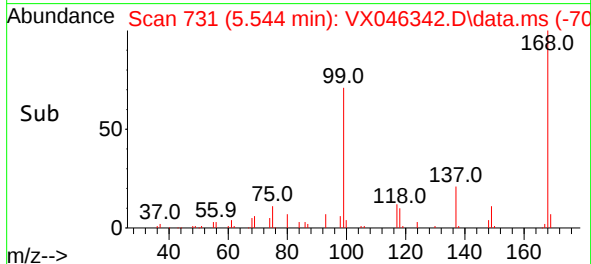
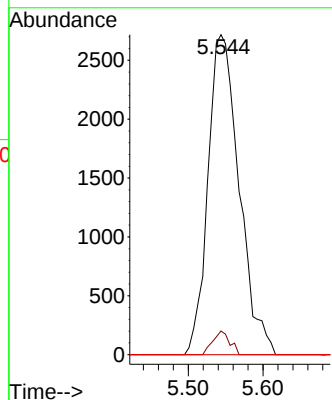


#38
Carbon Tetrachloride
Concen: 5.611 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046342.D
Acq: 23 May 2025 14:06

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-420-422

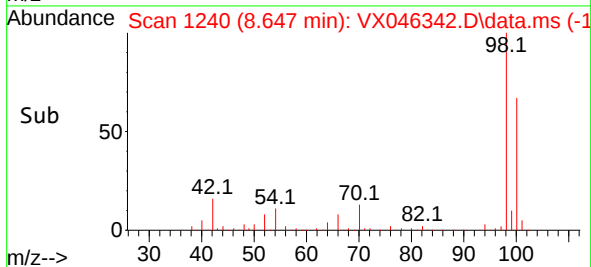
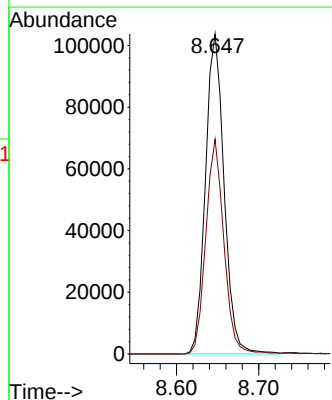
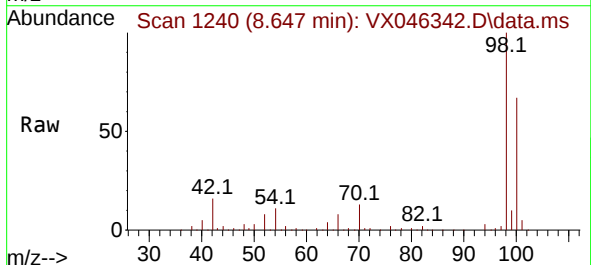


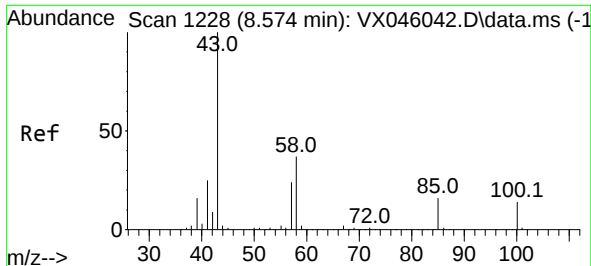
Tgt Ion:117 Resp: 7888
Ion Ratio Lower Upper
117 100
119 7.4 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 50.656 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046342.D
Acq: 23 May 2025 14:06

Tgt Ion: 98 Resp: 163256
Ion Ratio Lower Upper
98 100
100 65.3 53.5 80.3

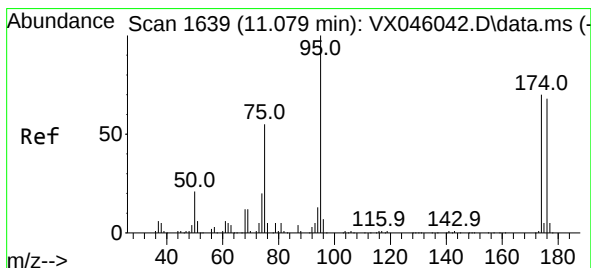
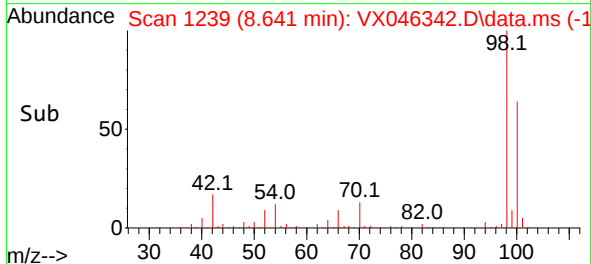
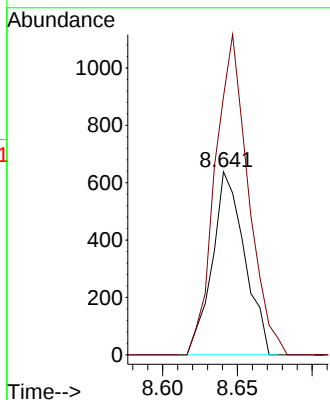
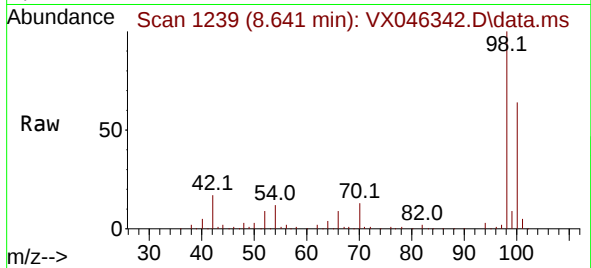




#51
4-Methyl-2-Pentanone
Concen: 0.613 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX046342.D
Acq: 23 May 2025 14:06

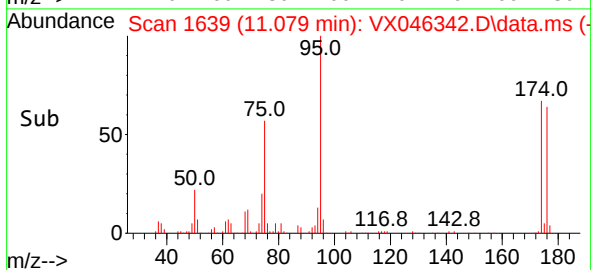
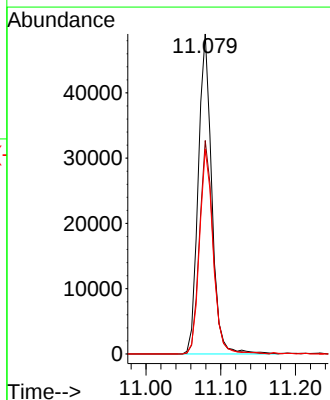
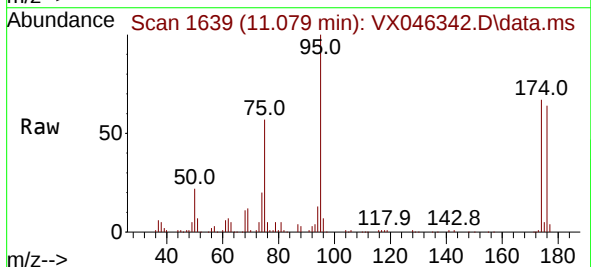
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-420-422

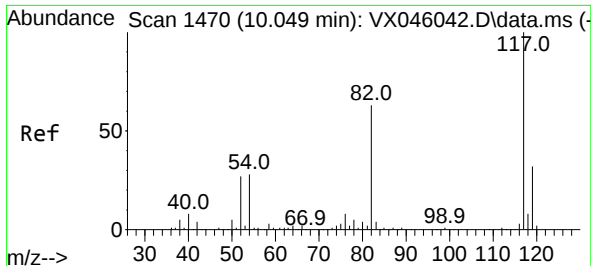
Tgt Ion: 43 Resp: 959
Ion Ratio Lower Upper
43 100
58 179.5 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 49.800 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046342.D
Acq: 23 May 2025 14:06

Tgt Ion: 95 Resp: 61565
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.8
176 64.4 0.0 131.4

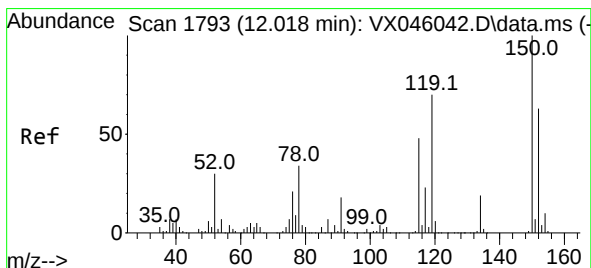
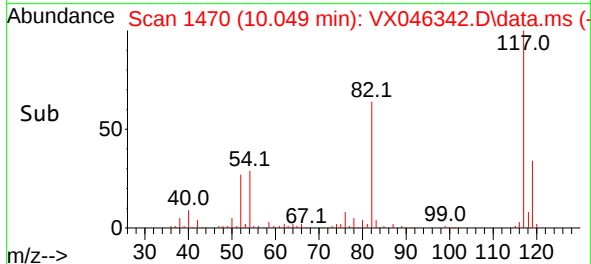
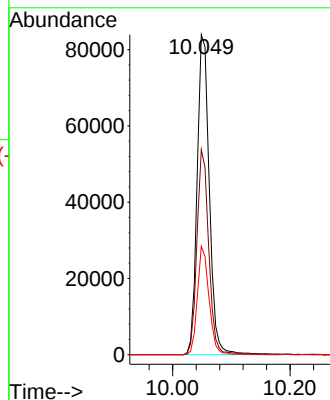
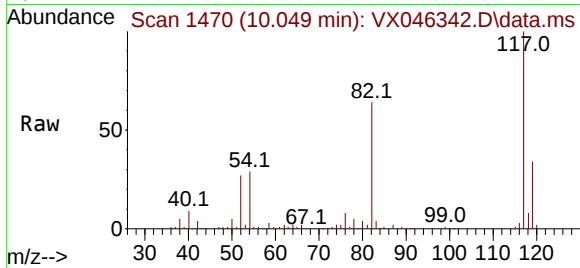




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046342.D
Acq: 23 May 2025 14:06

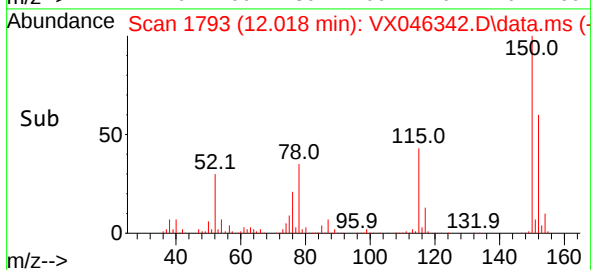
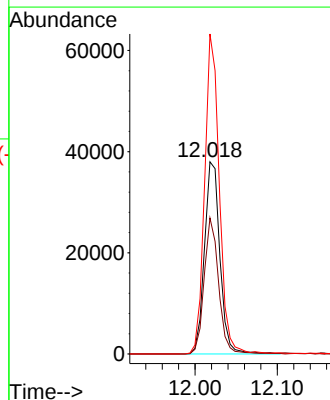
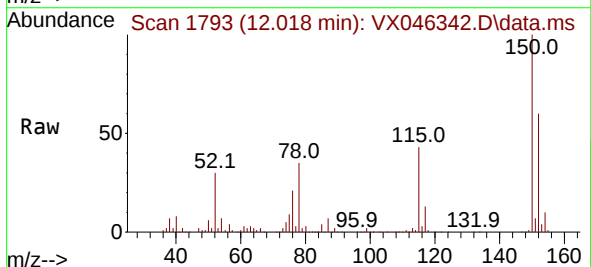
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-420-422

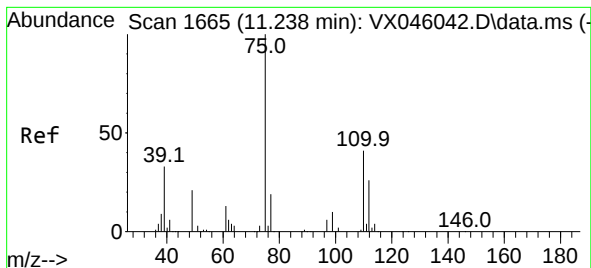
Tgt Ion:117 Resp: 121023
Ion Ratio Lower Upper
117 100
82 64.1 50.6 76.0
119 33.9 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046342.D
Acq: 23 May 2025 14:06

Tgt Ion:152 Resp: 49690
Ion Ratio Lower Upper
152 100
115 66.3 46.9 140.7
150 158.6 0.0 351.0





#76

1,2,3-Trichloropropane

Concen: 29.825 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX046342.D

Acq: 23 May 2025 14:06

Instrument :

MSVOA_X

ClientSampleId :

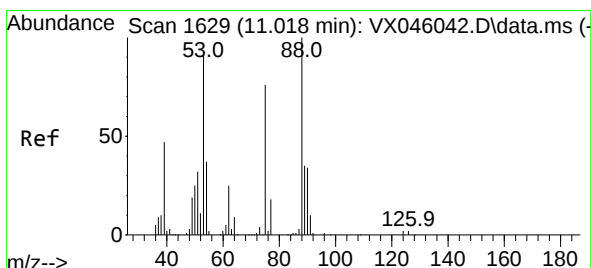
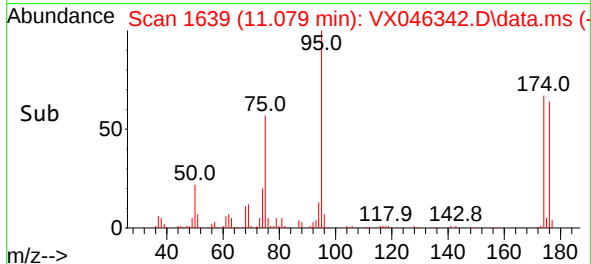
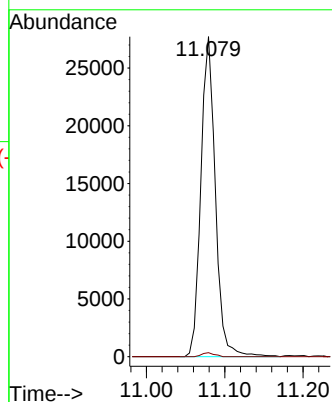
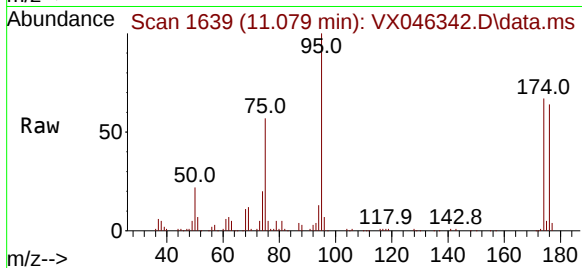
BP-VPB-182-GW-420-422

Tgt Ion: 75 Resp: 35672

Ion Ratio Lower Upper

75 100

77 1.1 20.5 61.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 97.099 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX046342.D

Acq: 23 May 2025 14:06

Tgt Ion: 75 Resp: 35672

Ion Ratio Lower Upper

75 100

53 0.0 100.5 150.7#

89 0.0 37.0 55.6#

