

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
 Data File : VX046212.D
 Acq On : 15 May 2025 14:34
 Operator : JC/MD
 Sample : Q2050-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-150-152

Quant Time: May 16 01:06:14 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)

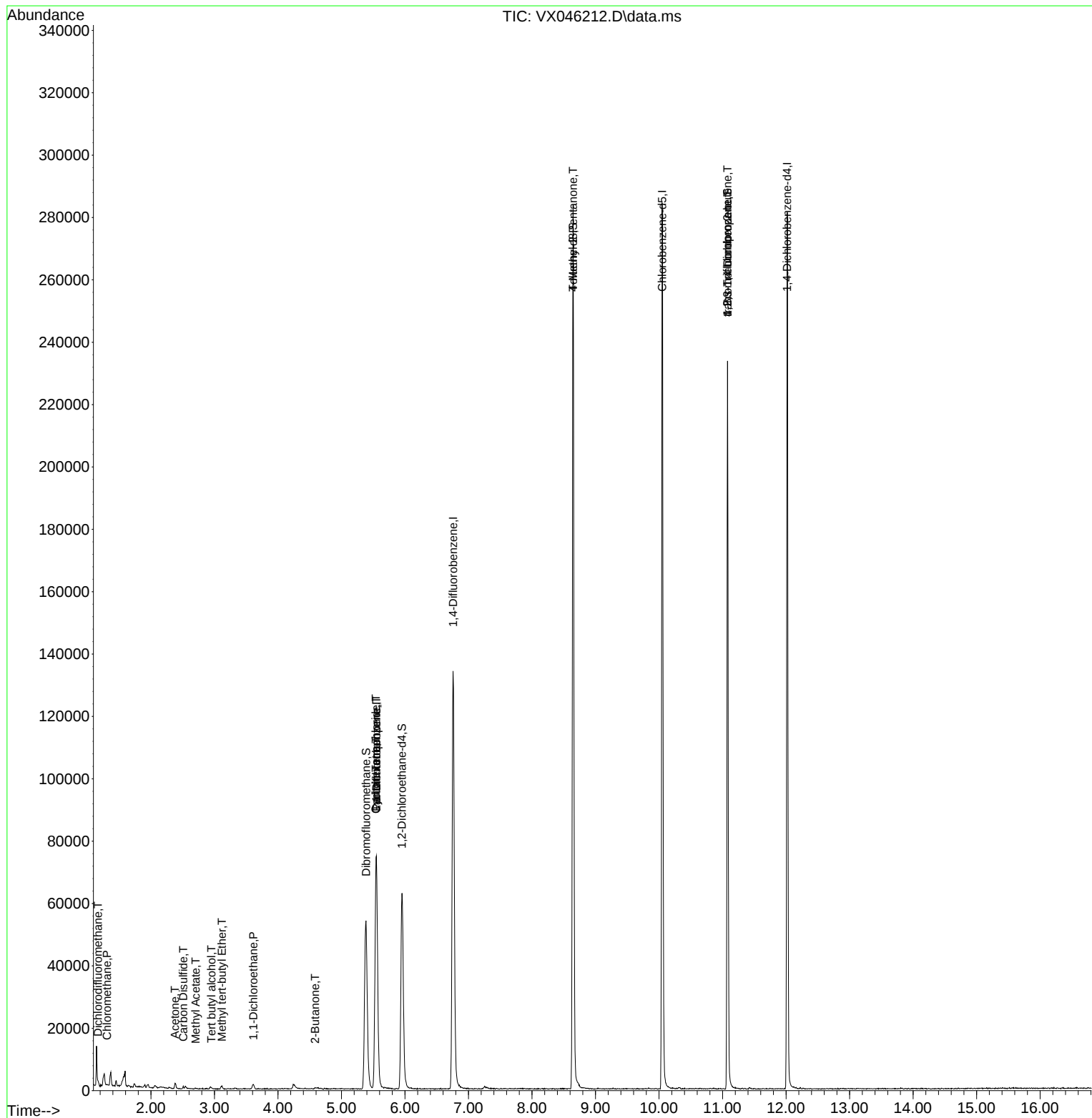
Internal Standards						
1) Pentafluorobenzene	5.550	168	63694	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	128038	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119578	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66083	55.651	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.300%
35) Dibromofluoromethane	5.385	113	48275	52.358	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.720%
50) Toluene-d8	8.647	98	161234	50.525	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.040%
62) 4-Bromofluorobenzene	11.079	95	61266	50.050	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.100%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	352	0.361	ug/l	99
3) Chloromethane	1.307	50	420	0.444	ug/l	98
11) Tert butyl alcohol	2.953	59	250	1.500	ug/l #	72
16) Acetone	2.380	43	1902	3.995	ug/l	99
17) Carbon Disulfide	2.508	76	811	0.453	ug/l #	76
18) Methyl Acetate	2.703	43	229	0.207	ug/l #	55
19) Methyl tert-butyl Ether	3.117	73	845	0.319	ug/l	98
24) 1,1-Dichloroethane	3.611	63	1795	1.156	ug/l #	82
25) 2-Butanone	4.586	43	373	0.540	ug/l #	53
31) Cyclohexane	5.544	56	1905	1.346	ug/l #	44
36) 1,1-Dichloropropene	5.550	75	6380	5.150	ug/l #	50
38) Carbon Tetrachloride	5.544	117	7730	5.554	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	907	0.585	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	34876	28.113	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	34876	91.527	ug/l #	1

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
Data File : VX046212.D
Acq On : 15 May 2025 14:34
Operator : JC/MD
Sample : Q2050-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-150-152

Quant Time: May 16 01:06:14 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

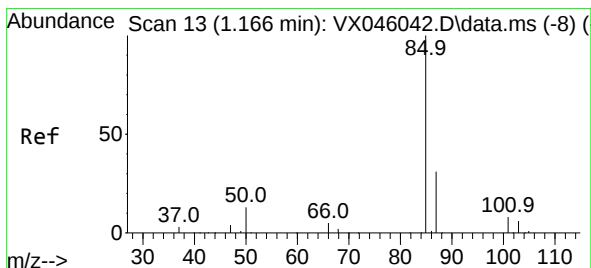
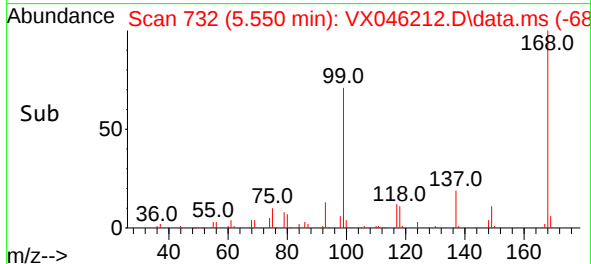
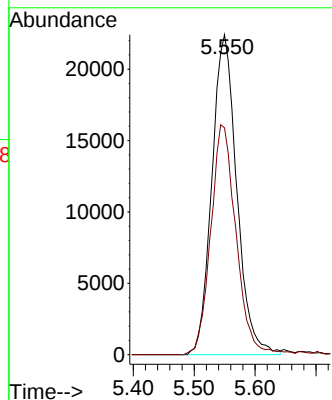
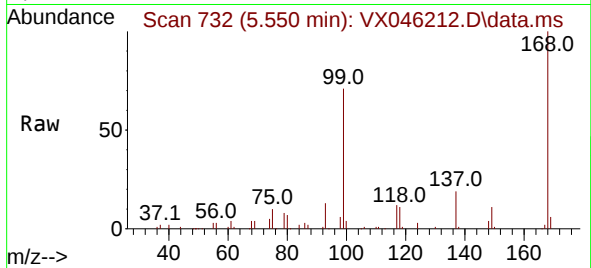




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046212.D
Acq: 15 May 2025 14:34

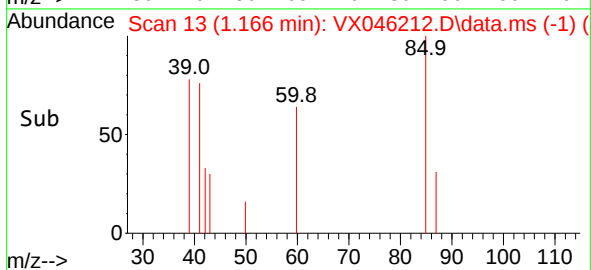
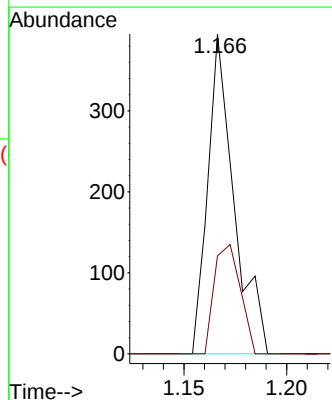
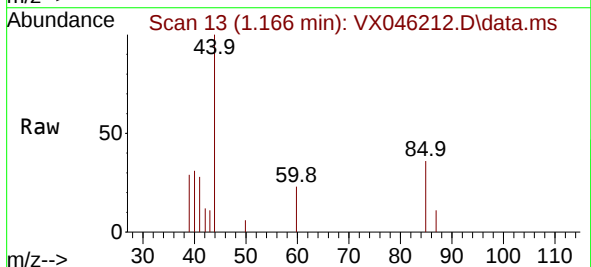
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-150-152

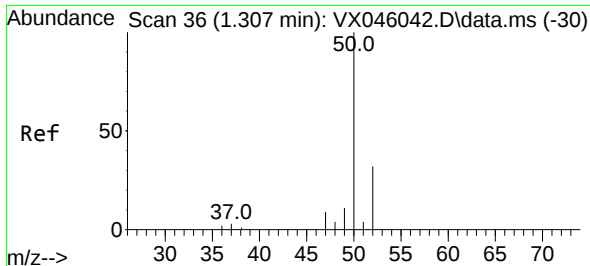
Tgt Ion:168 Resp: 63694
Ion Ratio Lower Upper
168 100
99 70.9 54.9 82.3



#2
Dichlorodifluoromethane
Concen: 0.361 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.000 min
Lab File: VX046212.D
Acq: 15 May 2025 14:34

Tgt Ion: 85 Resp: 352
Ion Ratio Lower Upper
85 100
87 30.6 15.7 47.1

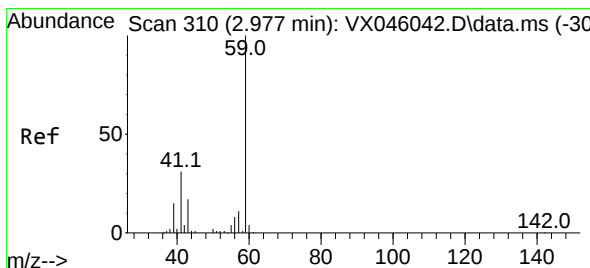
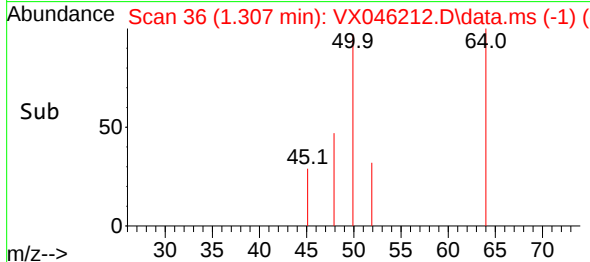
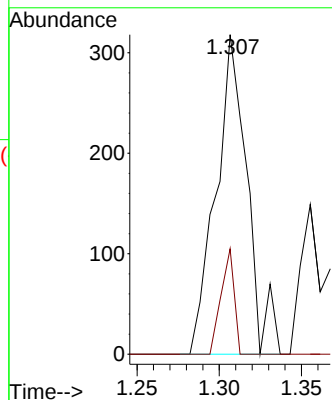
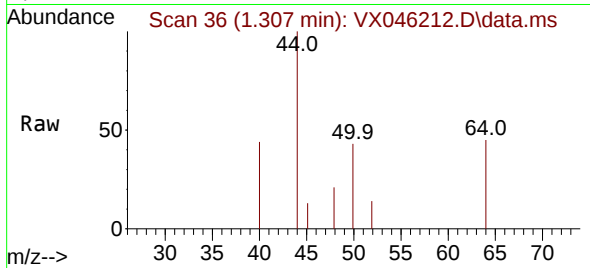




#3
Chloromethane
Concen: 0.444 ug/l
RT: 1.307 min Scan# 306
Delta R.T. -0.000 min
Lab File: VX046212.D
Acq: 15 May 2025 14:34

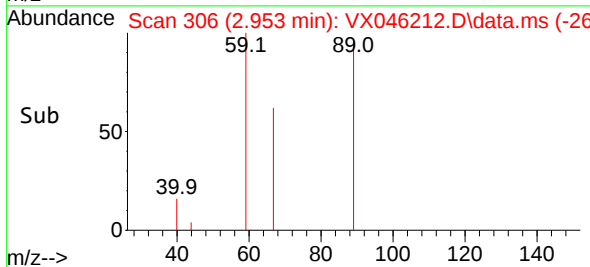
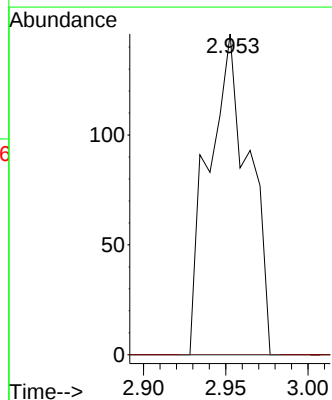
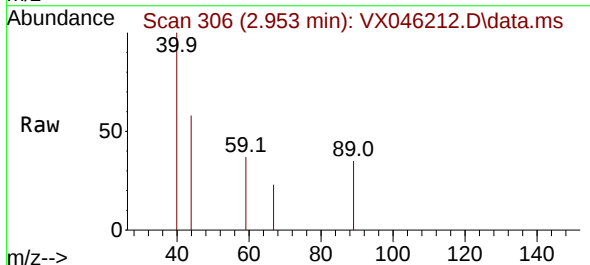
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-150-152

Tgt Ion: 50 Resp: 420
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.2



#11
Tert butyl alcohol
Concen: 1.500 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.025 min
Lab File: VX046212.D
Acq: 15 May 2025 14:34

Tgt Ion: 59 Resp: 250
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

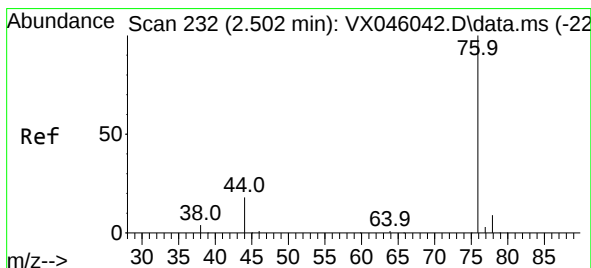
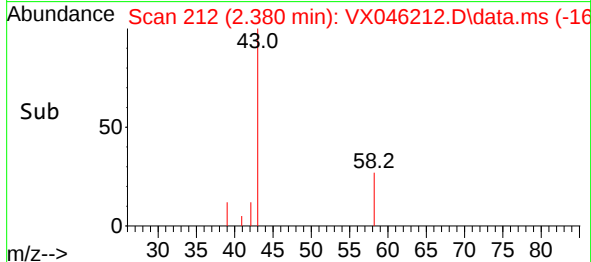
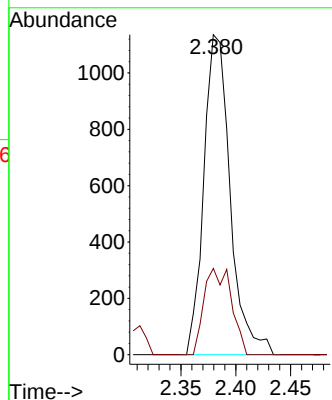
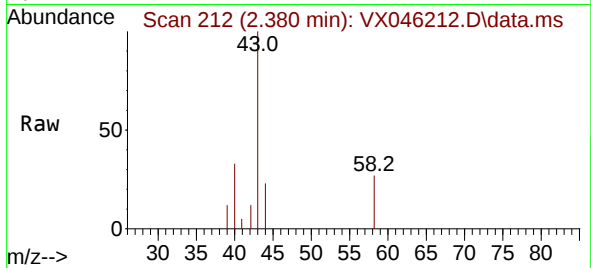




#16
Acetone
Concen: 3.995 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046212.D
Acq: 15 May 2025 14:34

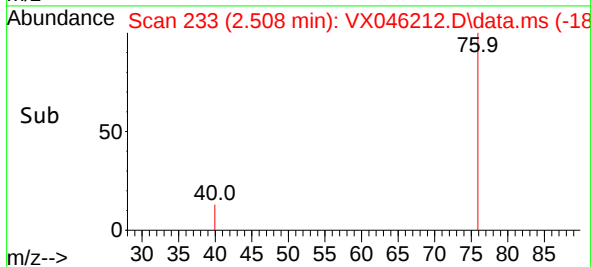
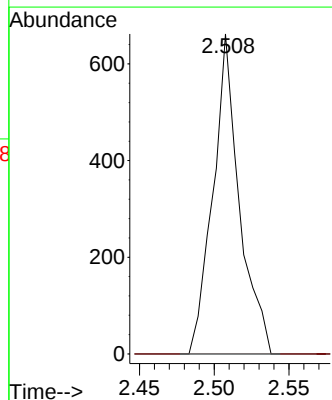
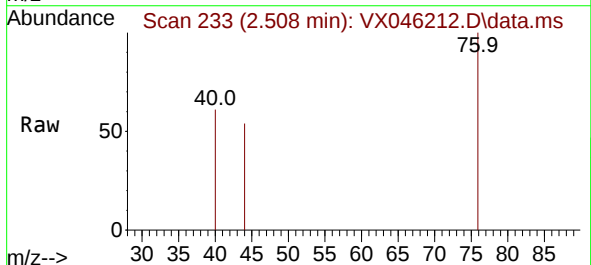
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-150-152

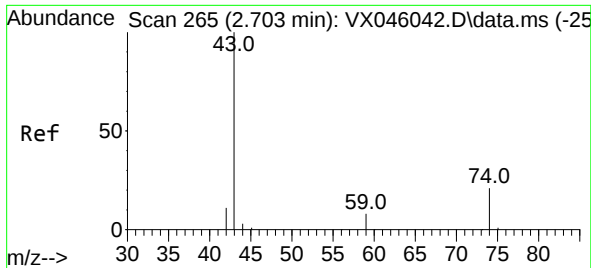
Tgt Ion: 43 Resp: 1902
Ion Ratio Lower Upper
43 100
58 26.9 21.2 31.8



#17
Carbon Disulfide
Concen: 0.453 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX046212.D
Acq: 15 May 2025 14:34

Tgt Ion: 76 Resp: 811
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

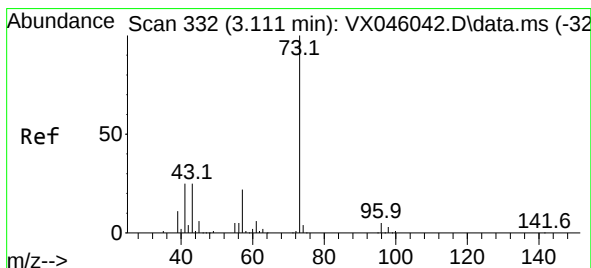
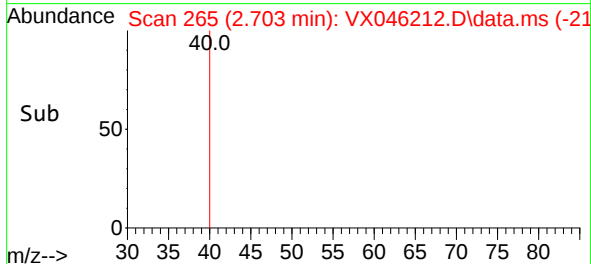
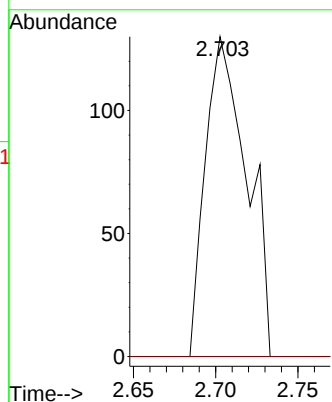
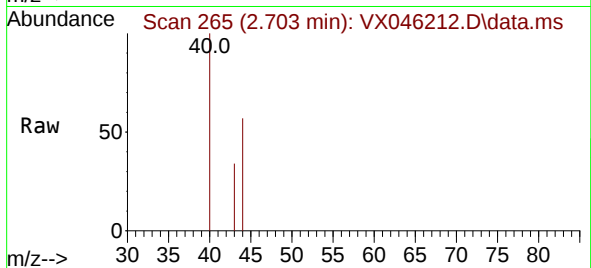




#18
Methyl Acetate
Concen: 0.207 ug/l
RT: 2.703 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX046212.D
Acq: 15 May 2025 14:34

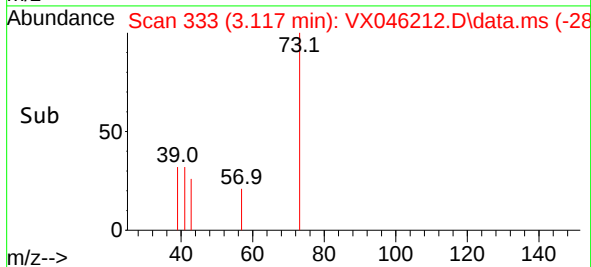
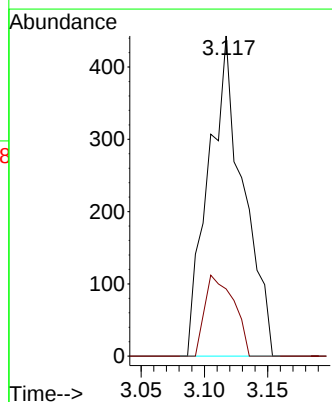
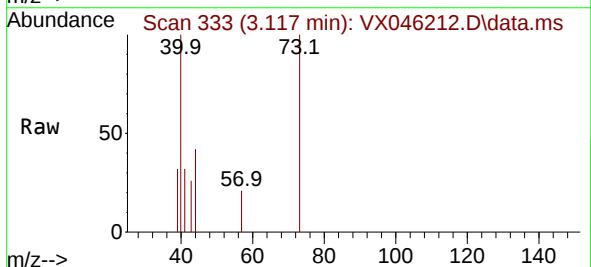
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-150-152

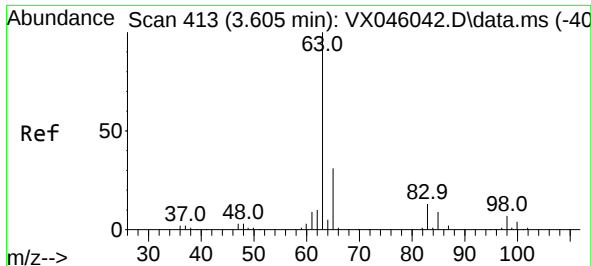
Tgt Ion: 43 Resp: 229
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#19
Methyl tert-butyl Ether
Concen: 0.319 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX046212.D
Acq: 15 May 2025 14:34

Tgt Ion: 73 Resp: 845
Ion Ratio Lower Upper
73 100
57 21.0 17.7 26.5





#24

1,1-Dichloroethane

Concen: 1.156 ug/l

RT: 3.611 min Scan# 41

Delta R.T. 0.006 min

Lab File: VX046212.D

Acq: 15 May 2025 14:34

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-150-152

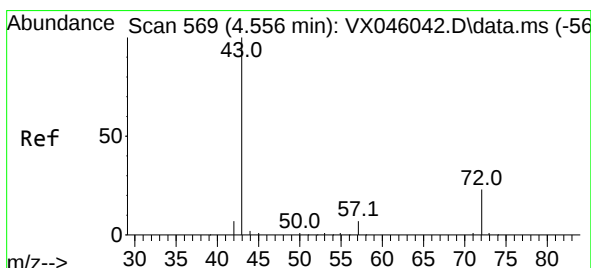
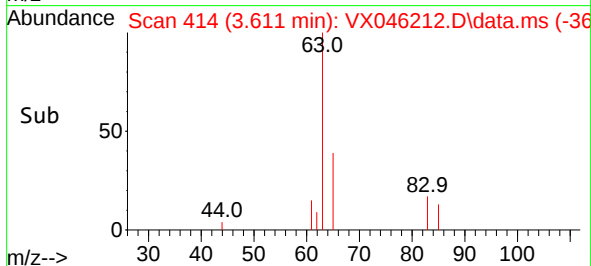
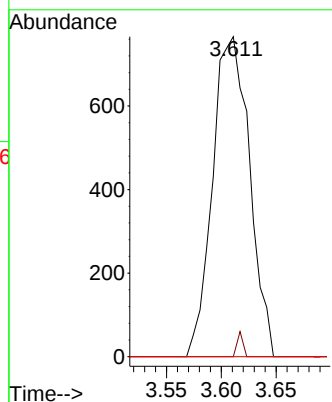
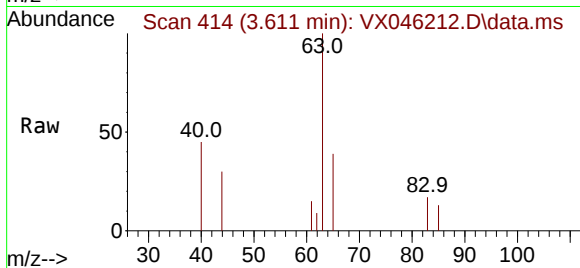
Tgt Ion: 63 Resp: 1795

Ion Ratio Lower Upper

63 100

98 0.0 3.6 10.8#

100 0.0 2.1 6.3#



#25

2-Butanone

Concen: 0.540 ug/l

RT: 4.586 min Scan# 574

Delta R.T. 0.030 min

Lab File: VX046212.D

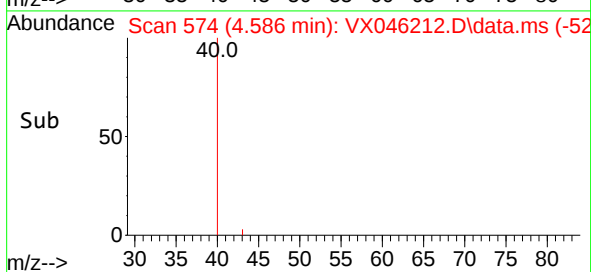
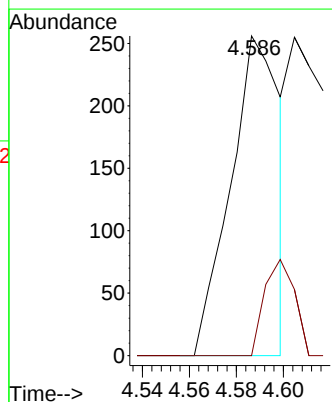
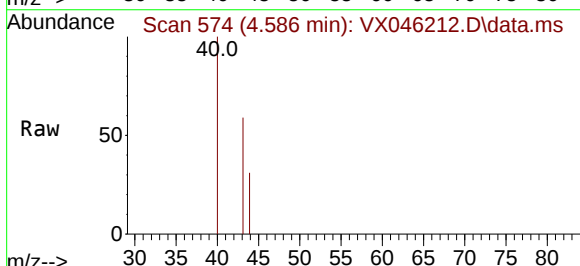
Acq: 15 May 2025 14:34

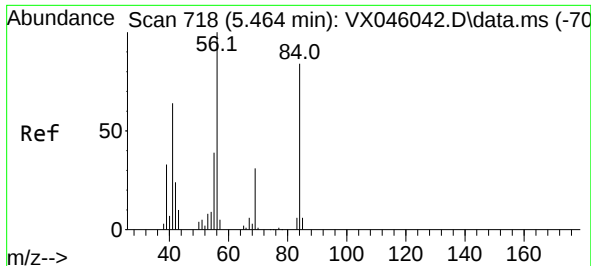
Tgt Ion: 43 Resp: 373

Ion Ratio Lower Upper

43 100

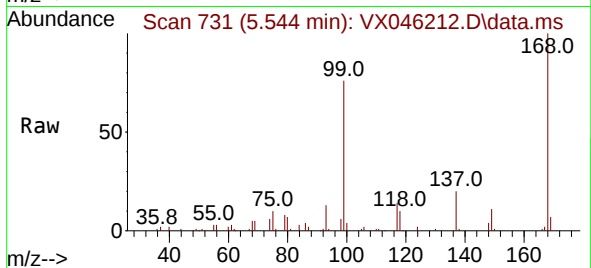
72 0.0 18.4 27.6#



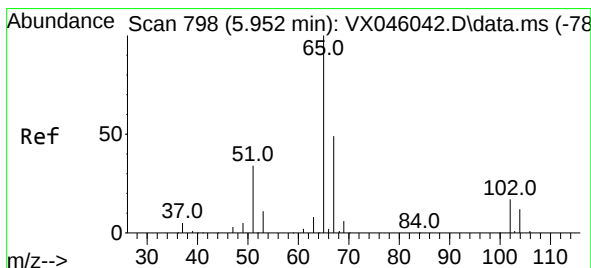
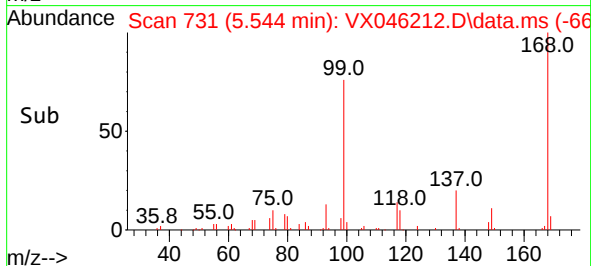
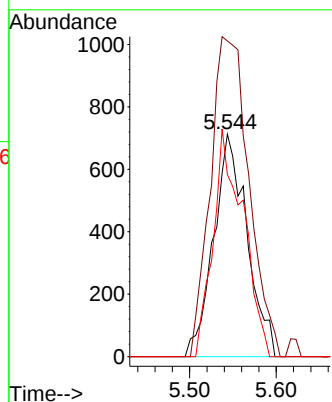


#31
Cyclohexane
Concen: 1.346 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX046212.D
Acq: 15 May 2025 14:34

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-150-152

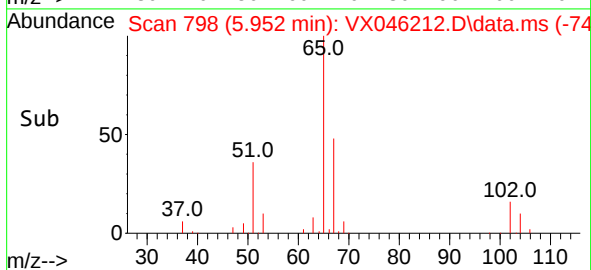
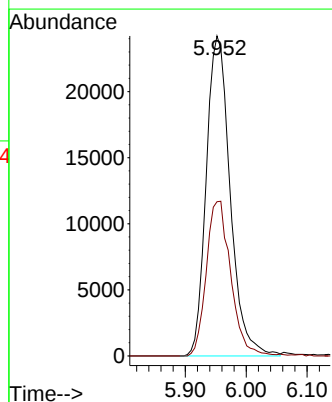
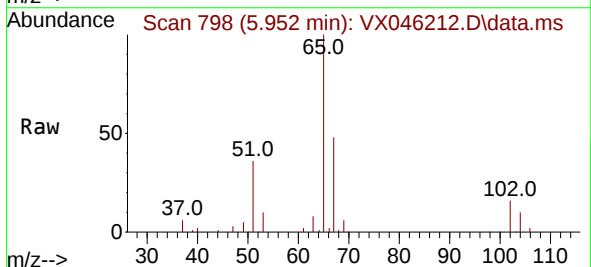


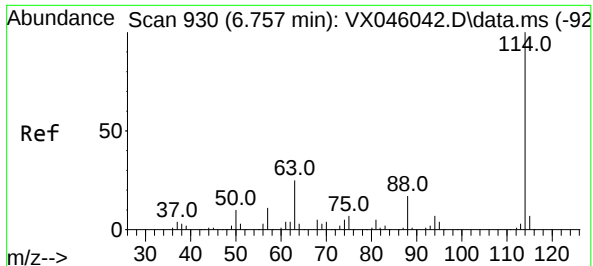
Tgt Ion: 56 Resp: 1905
Ion Ratio Lower Upper
56 100
69 141.8 24.4 36.6#
84 81.8 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 55.651 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046212.D
Acq: 15 May 2025 14:34

Tgt Ion: 65 Resp: 66083
Ion Ratio Lower Upper
65 100
67 49.4 0.0 99.0

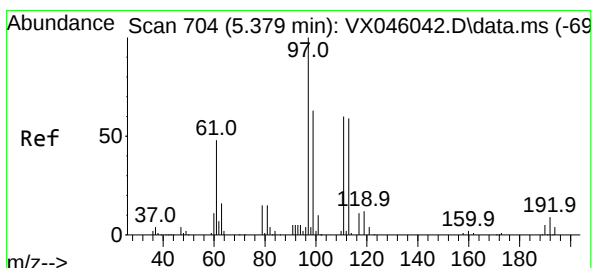
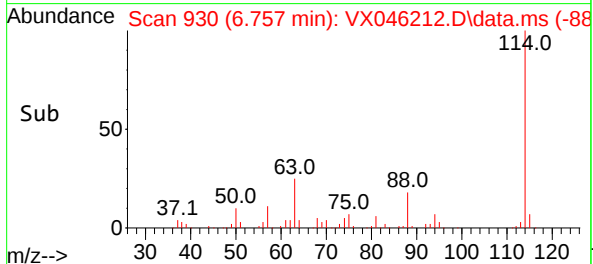
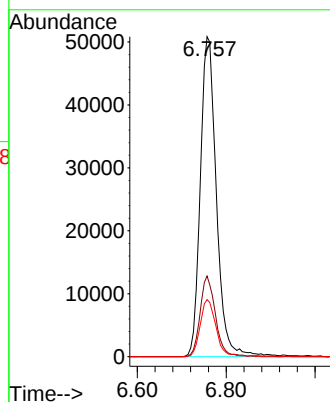
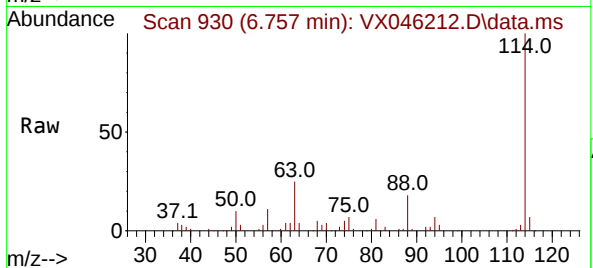




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046212.D
Acq: 15 May 2025 14:34

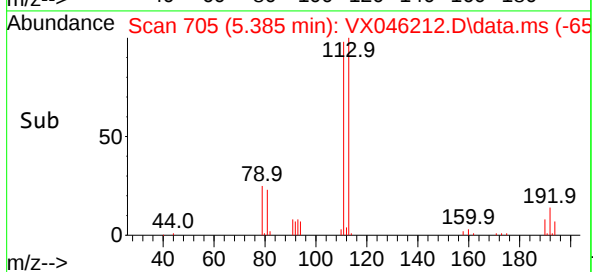
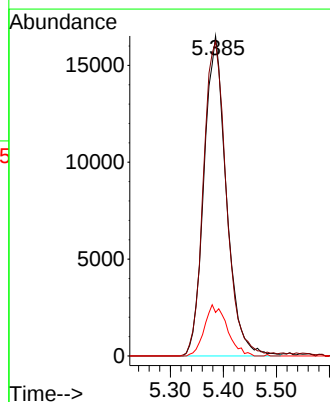
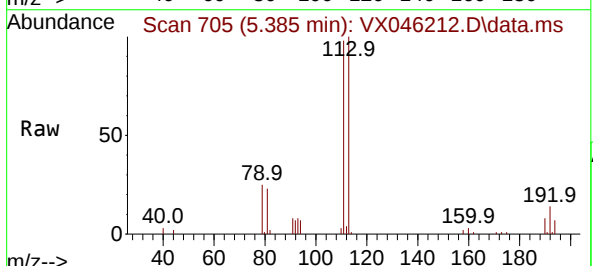
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-150-152

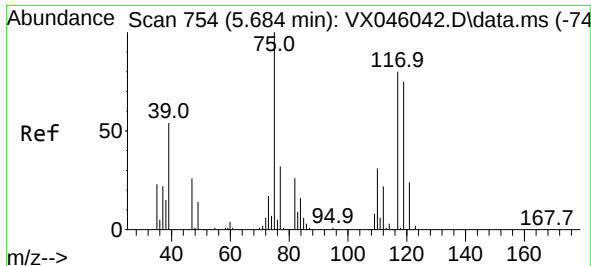
Tgt Ion:114 Resp: 128038
Ion Ratio Lower Upper
114 100
63 25.2 0.0 49.2
88 17.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 52.358 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046212.D
Acq: 15 May 2025 14:34

Tgt Ion:113 Resp: 48275
Ion Ratio Lower Upper
113 100
111 101.4 83.1 124.7
192 16.3 13.3 19.9





#36

1,1-Dichloropropene

Concen: 5.150 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.134 min

Lab File: VX046212.D

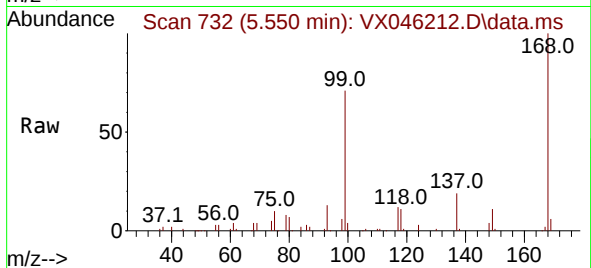
Acq: 15 May 2025 14:34

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-150-152



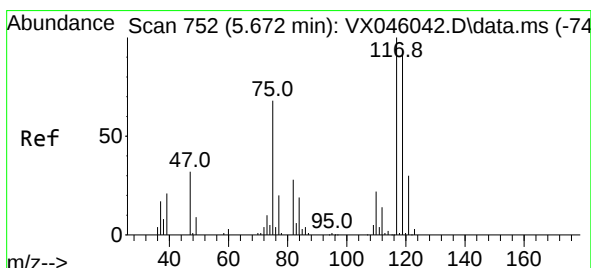
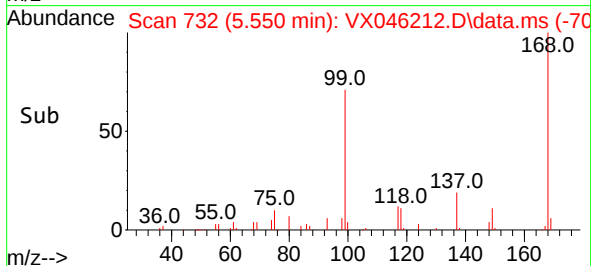
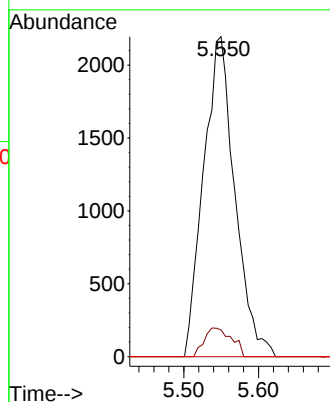
Tgt Ion: 75 Resp: 6380

Ion Ratio Lower Upper

75 100

110 7.8 16.3 48.9#

77 0.0 24.3 36.5#



#38

Carbon Tetrachloride

Concen: 5.554 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.128 min

Lab File: VX046212.D

Acq: 15 May 2025 14:34

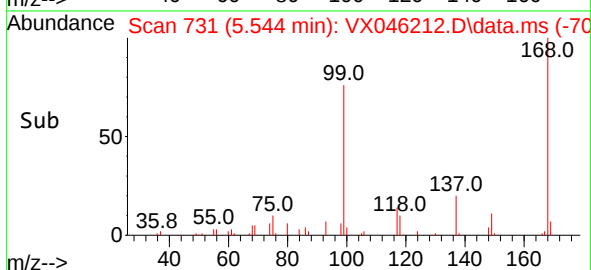
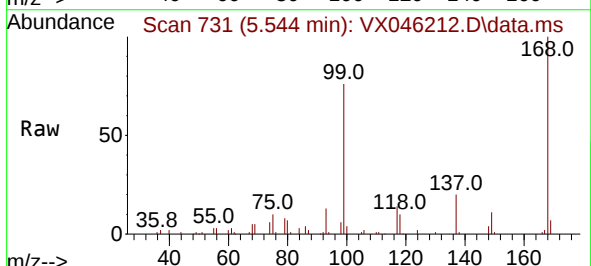
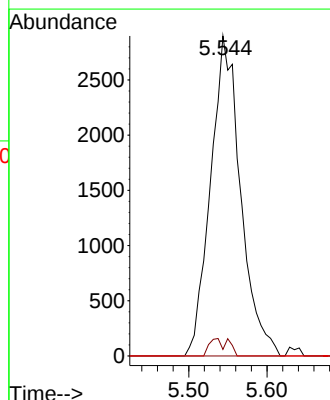
Tgt Ion: 117 Resp: 7730

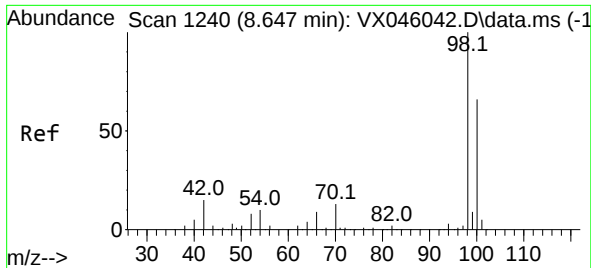
Ion Ratio Lower Upper

117 100

119 2.1 75.2 112.8#

121 0.0 24.2 36.4#

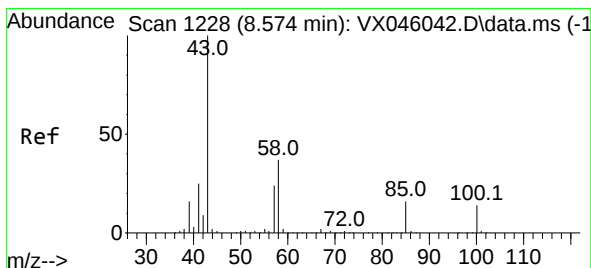
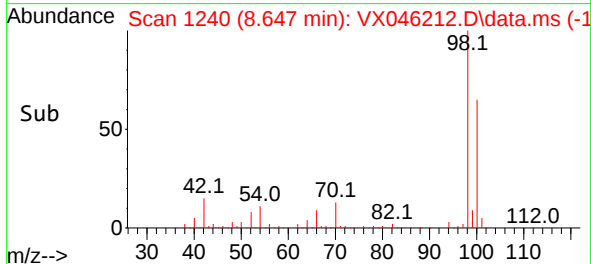
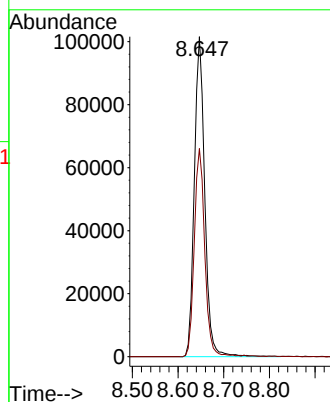
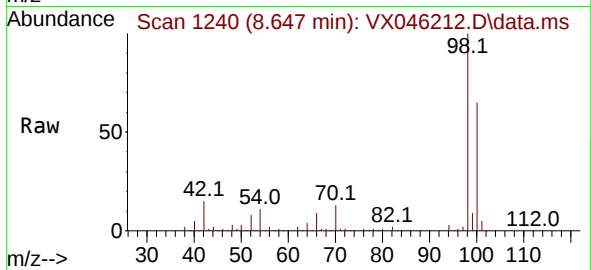




#50
Toluene-d8
Concen: 50.525 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046212.D
Acq: 15 May 2025 14:34

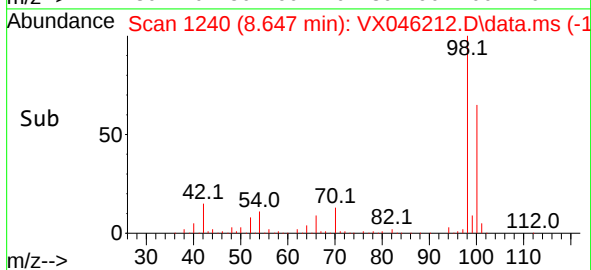
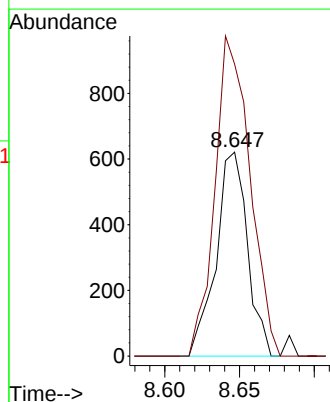
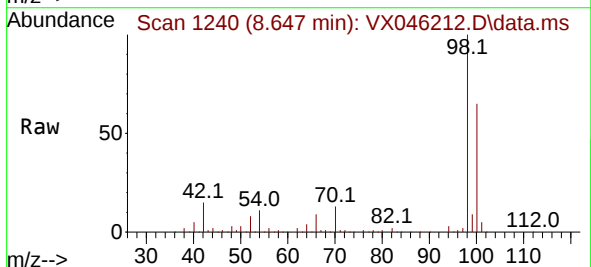
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-150-152

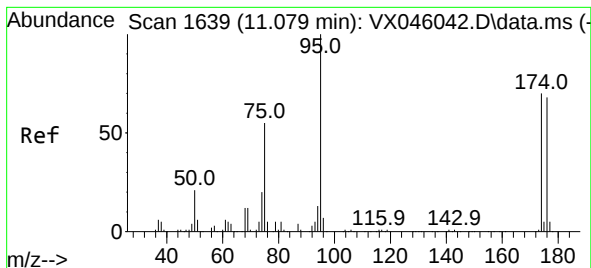
Tgt Ion: 98 Resp: 161234
Ion Ratio Lower Upper
98 100
100 65.3 53.5 80.3



#51
4-Methyl-2-Pentanone
Concen: 0.585 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX046212.D
Acq: 15 May 2025 14:34

Tgt Ion: 43 Resp: 907
Ion Ratio Lower Upper
43 100
58 175.1 28.9 43.3#





#62

4-Bromofluorobenzene

Concen: 50.050 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046212.D

Acq: 15 May 2025 14:34

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-150-152

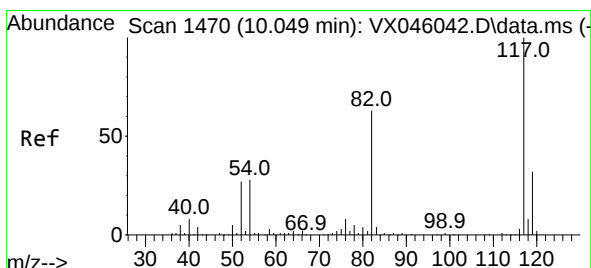
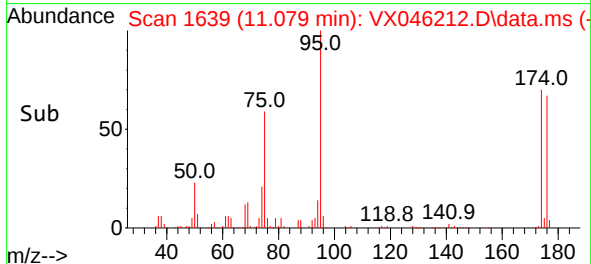
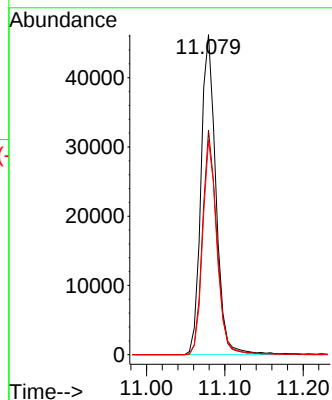
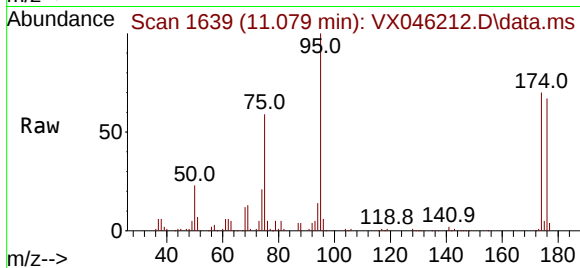
Tgt Ion: 95 Resp: 61266

Ion Ratio Lower Upper

95 100

174 67.4 0.0 135.8

176 64.5 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: VX046212.D

Acq: 15 May 2025 14:34

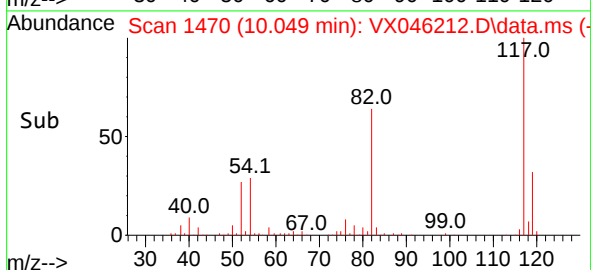
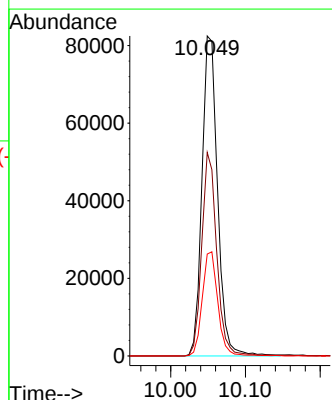
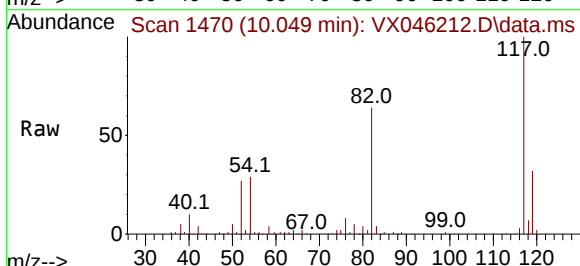
Tgt Ion: 117 Resp: 119578

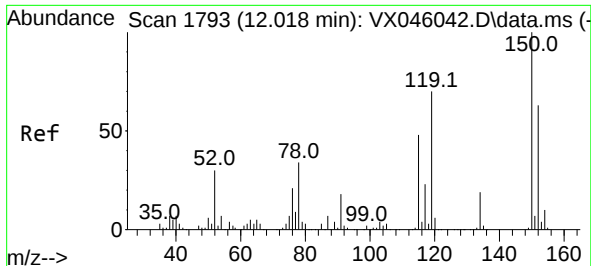
Ion Ratio Lower Upper

117 100

82 63.6 50.6 76.0

119 31.9 25.8 38.6

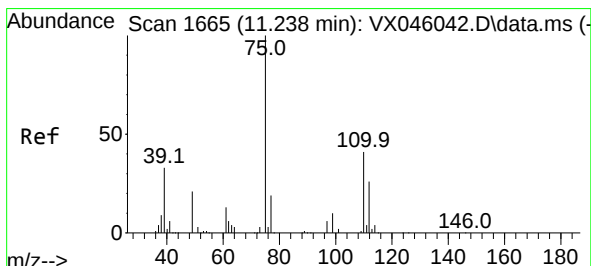
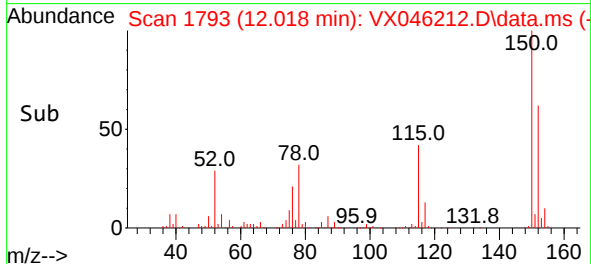
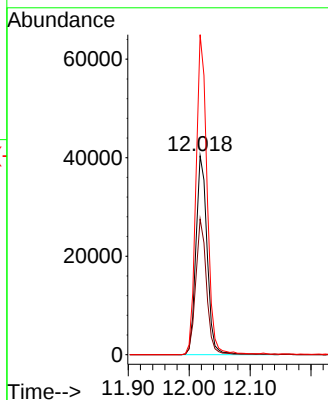
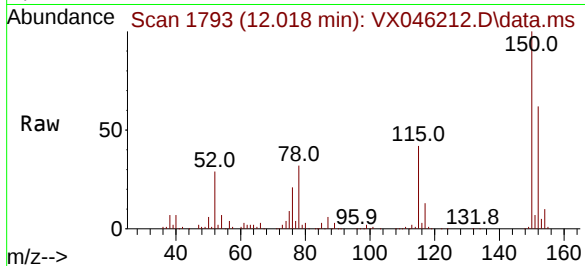




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046212.D
 Acq: 15 May 2025 14:34

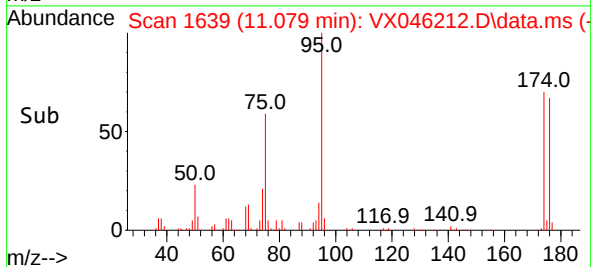
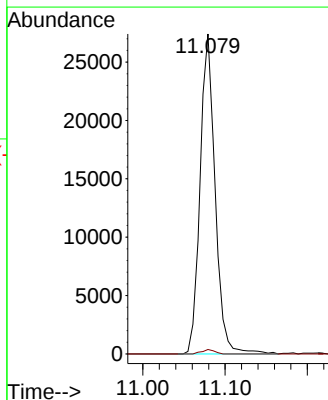
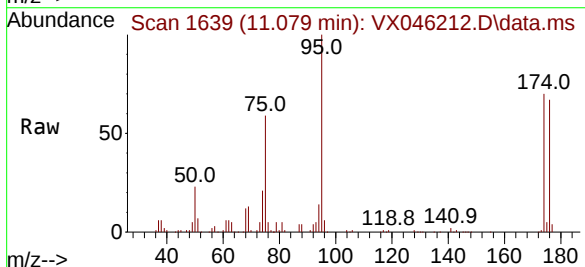
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-150-152

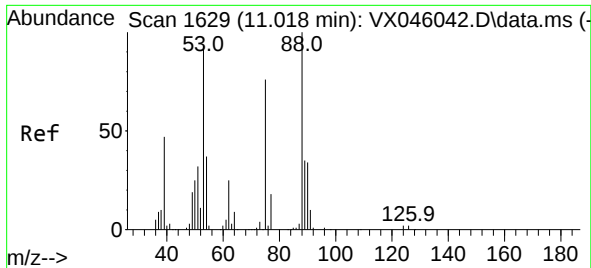
Tgt Ion:152 Resp: 51539
 Ion Ratio Lower Upper
 152 100
 115 65.7 46.9 140.7
 150 159.3 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 28.113 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046212.D
 Acq: 15 May 2025 14:34

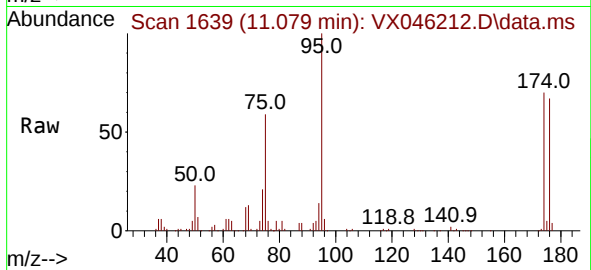
Tgt Ion: 75 Resp: 34876
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.5 61.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 91.527 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX046212.D
Acq: 15 May 2025 14:34

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-150-152



Tgt Ion: 75 Resp: 34876
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

