

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
 Data File : VX046428.D
 Acq On : 30 May 2025 17:46
 Operator : JC/MD
 Sample : Q2162-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-600-602

Quant Time: May 31 05:19:13 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)

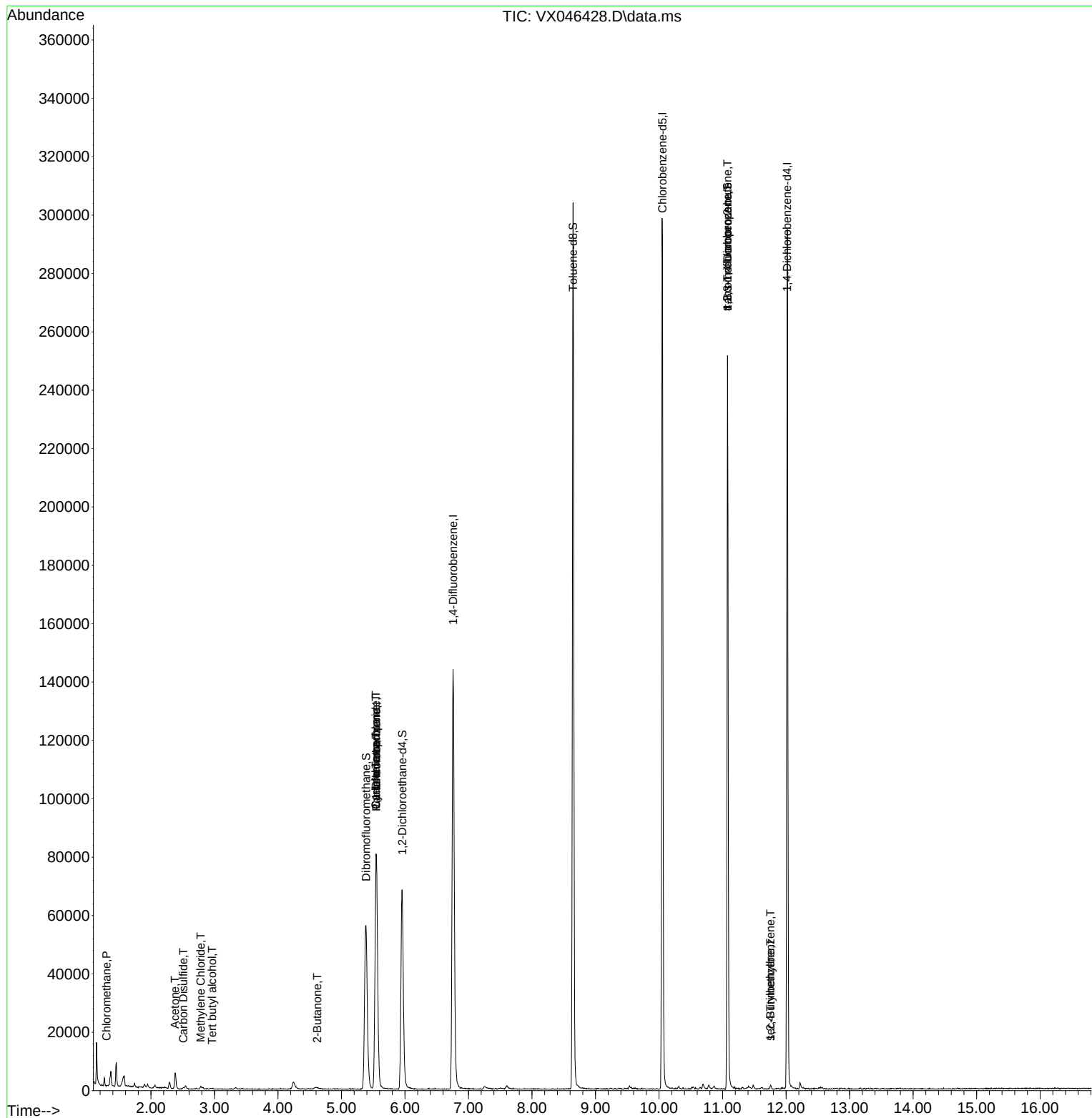
Internal Standards						
1) Pentafluorobenzene	5.550	168	67201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136531	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	123950	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	52218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	69217	55.248	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.500%			
35) Dibromofluoromethane	5.385	113	50514	51.379	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.760%			
50) Toluene-d8	8.647	98	166644	48.972	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.940%			
62) 4-Bromofluorobenzene	11.079	95	64365	49.311	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.620%			
Target Compounds						Qvalue
3) Chloromethane	1.301	50	319	0.320	ug/l #	43
11) Tert butyl alcohol	2.965	59	329	1.871	ug/l #	72
16) Acetone	2.380	43	6148	12.239	ug/l	99
17) Carbon Disulfide	2.508	76	501	0.265	ug/l #	76
20) Methylene Chloride	2.782	84	403	0.419	ug/l #	87
25) 2-Butanone	4.617	43	1018	1.396	ug/l #	85
31) Cyclohexane	5.544	56	2104	1.409	ug/l #	35
36) 1,1-Dichloropropene	5.544	75	7112	5.384	ug/l #	46
38) Carbon Tetrachloride	5.544	117	8337	5.617	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	37138	29.547	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	37138	96.196	ug/l #	1
84) 1,2,4-Trimethylbenzene	11.756	105	843	0.245	ug/l	97
85) sec-Butylbenzene	11.756	105	843	0.201	ug/l #	57

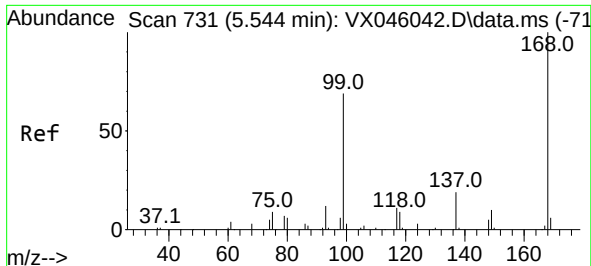
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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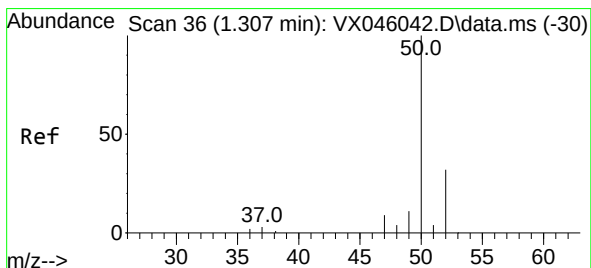
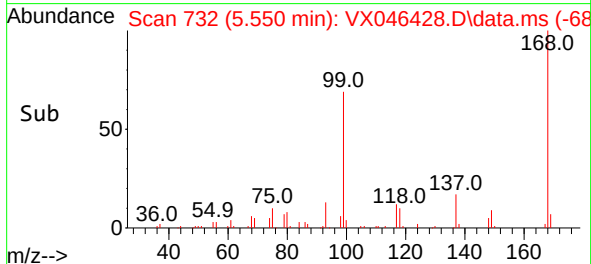
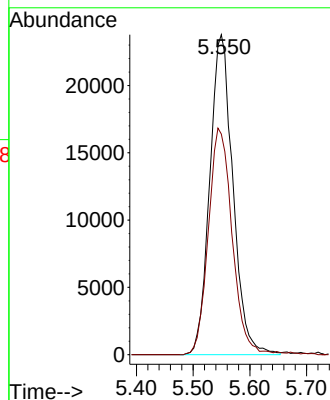
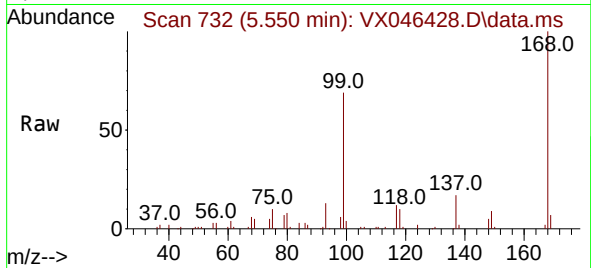




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

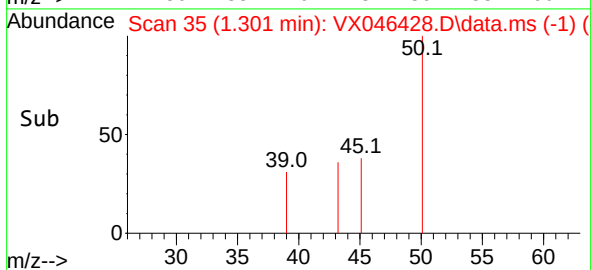
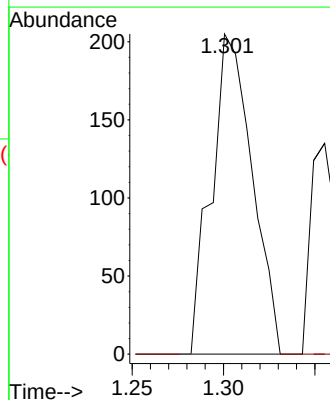
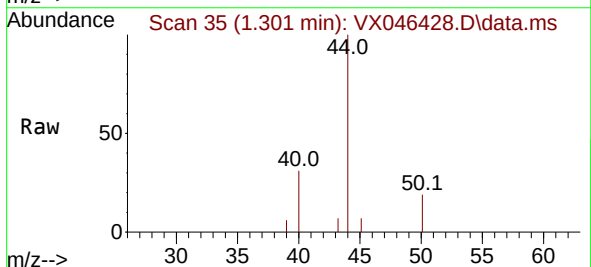
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602

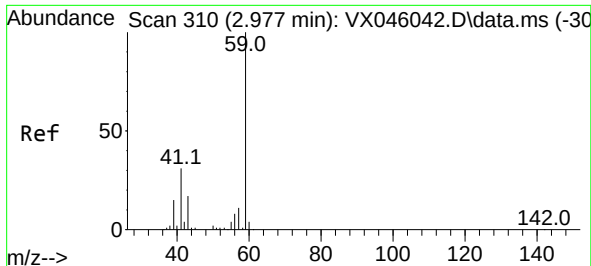
Tgt Ion:168 Resp: 67201
Ion Ratio Lower Upper
168 100
99 68.9 54.9 82.3



#3
Chloromethane
Concen: 0.320 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

Tgt Ion: 50 Resp: 319
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

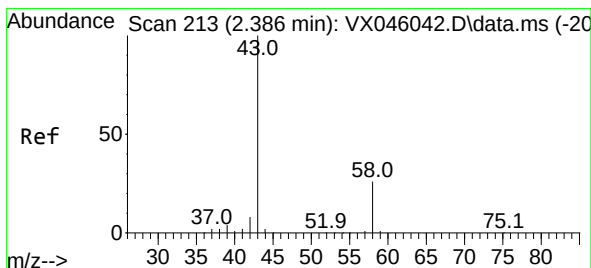
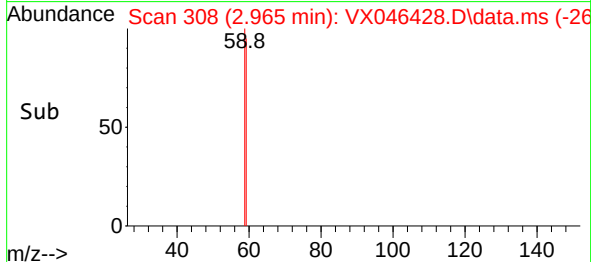
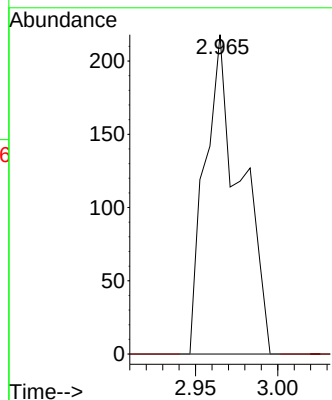
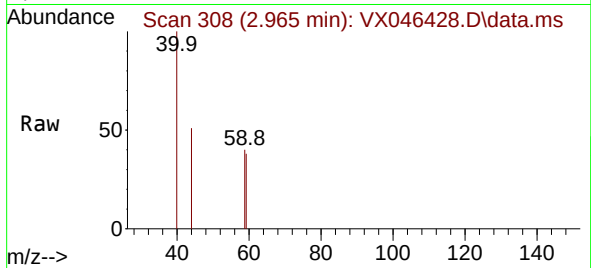




#11
Tert butyl alcohol
Concen: 1.871 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

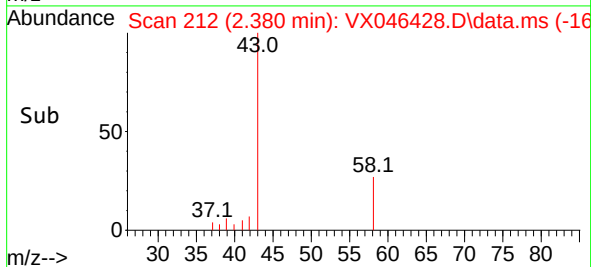
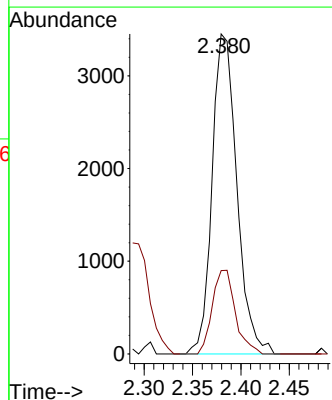
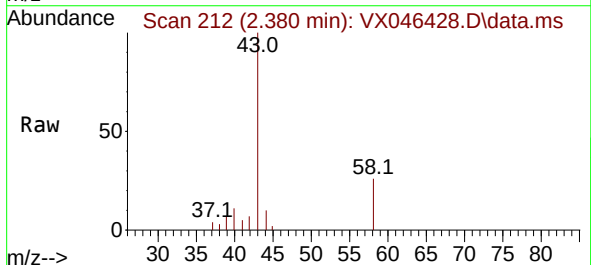
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602

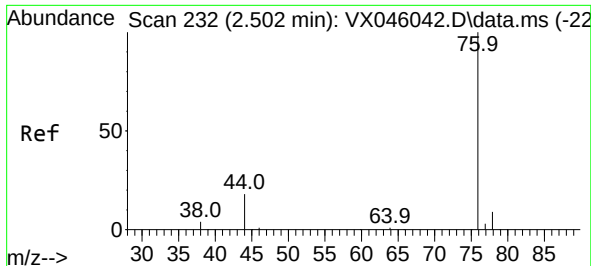
Tgt Ion: 59 Resp: 329
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#16
Acetone
Concen: 12.239 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

Tgt Ion: 43 Resp: 6148
Ion Ratio Lower Upper
43 100
58 26.0 21.2 31.8

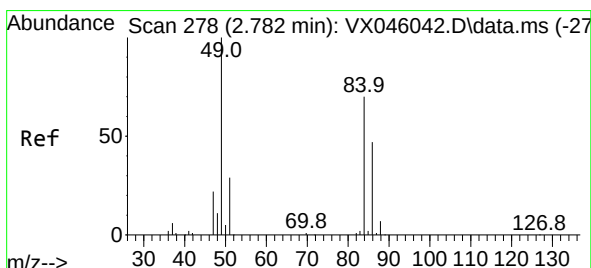
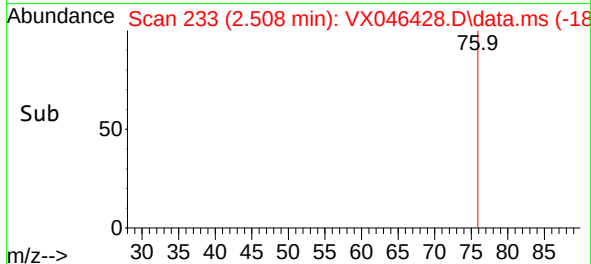
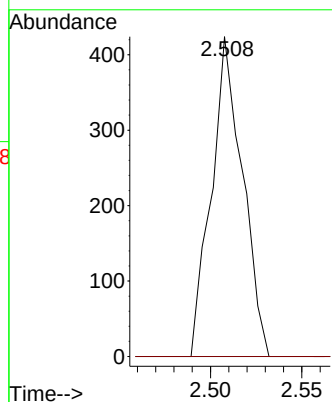
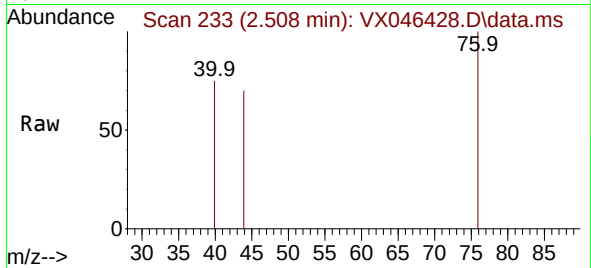




#17
Carbon Disulfide
Concen: 0.265 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

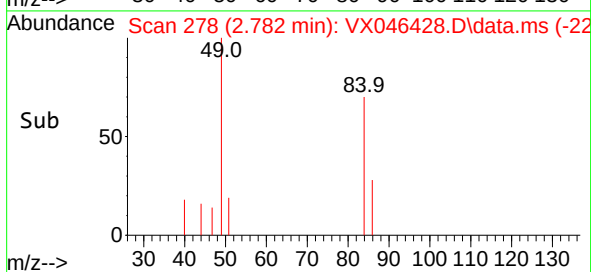
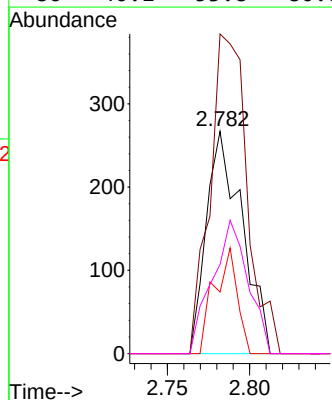
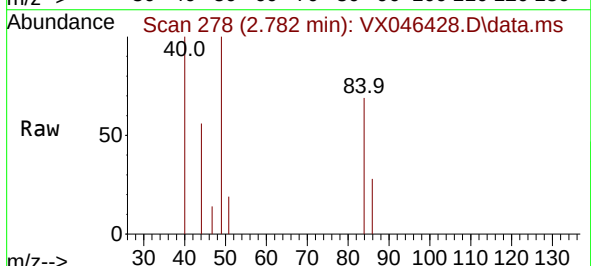
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602

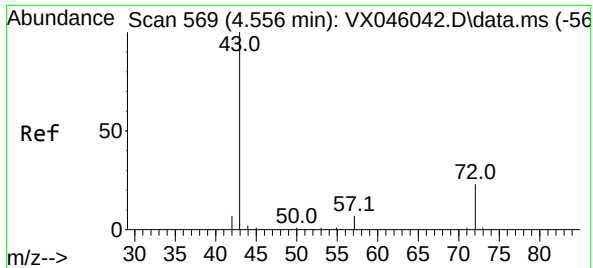
Tgt Ion: 76 Resp: 501
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#



#20
Methylene Chloride
Concen: 0.419 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.000 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

Tgt Ion: 84 Resp: 403
Ion Ratio Lower Upper
84 100
49 143.8 113.9 170.9
51 27.7 33.5 50.3#
86 40.1 53.8 80.8#

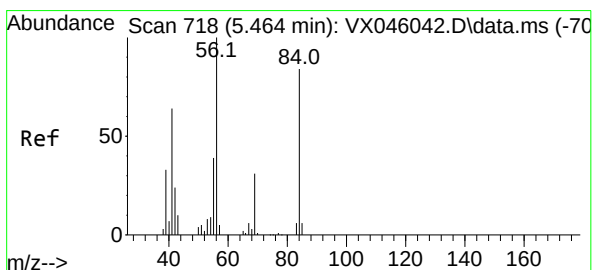
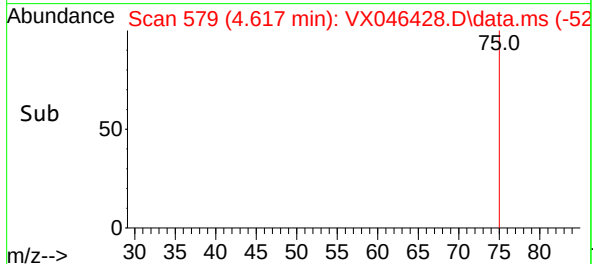
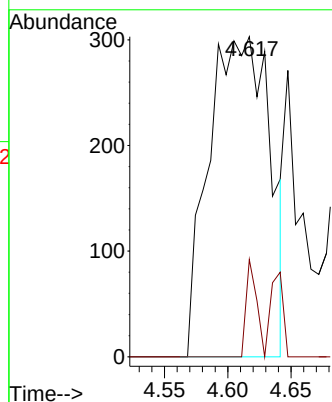
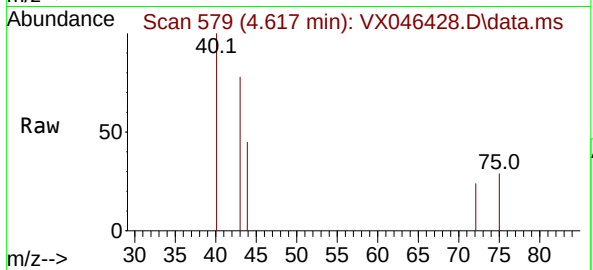




#25
2-Butanone
Concen: 1.396 ug/l
RT: 4.617 min Scan# 51
Delta R.T. 0.061 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

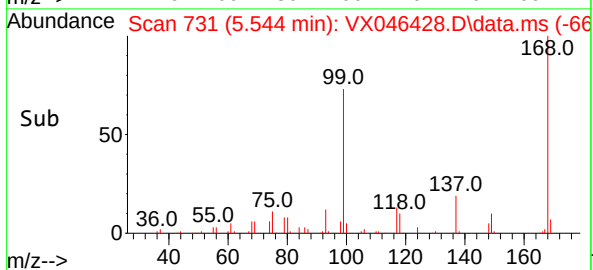
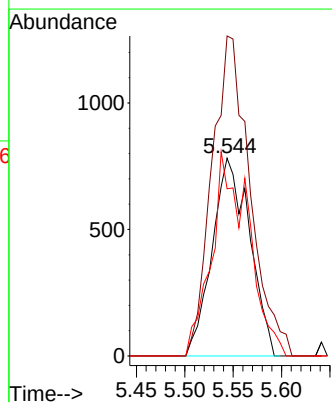
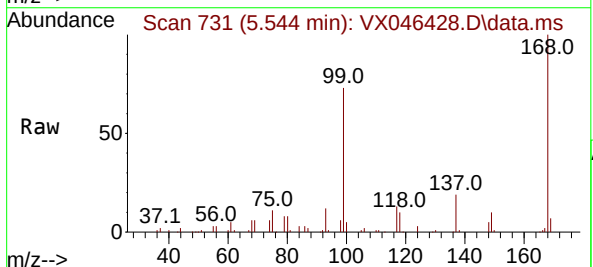
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602

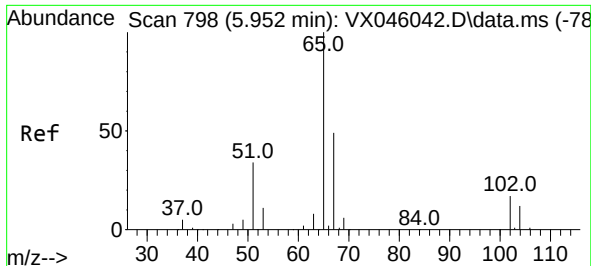
Tgt Ion: 43 Resp: 1018
Ion Ratio Lower Upper
43 100
72 30.4 18.4 27.6#



#31
Cyclohexane
Concen: 1.409 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

Tgt Ion: 56 Resp: 2104
Ion Ratio Lower Upper
56 100
69 161.8 24.4 36.6#
84 84.5 66.9 100.3

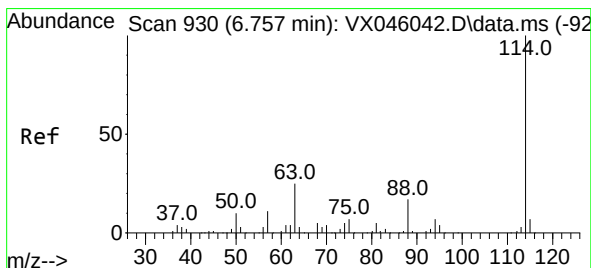
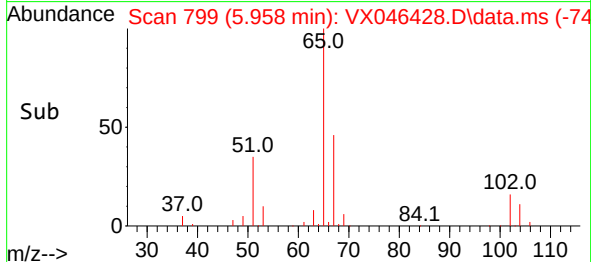
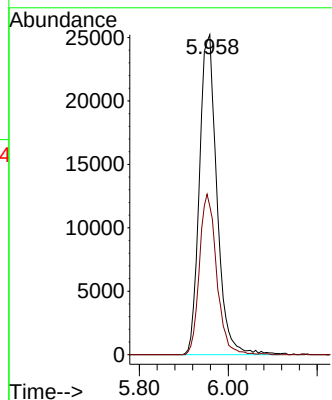
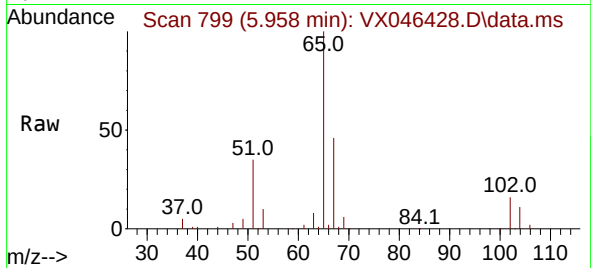




#33
1,2-Dichloroethane-d4
Concen: 55.248 ug/l
RT: 5.958 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

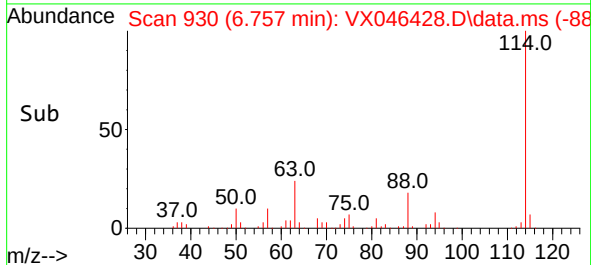
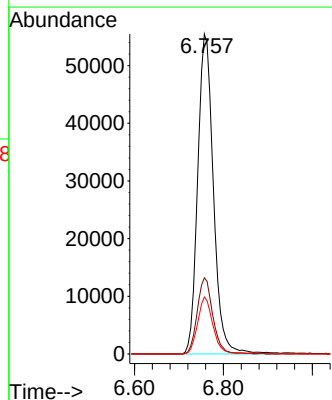
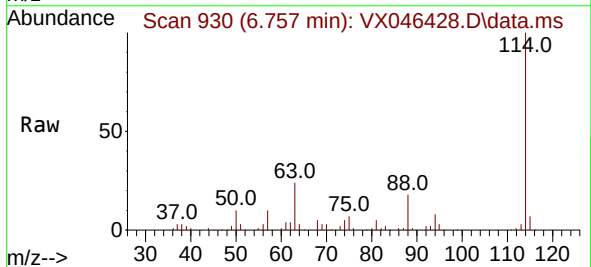
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602

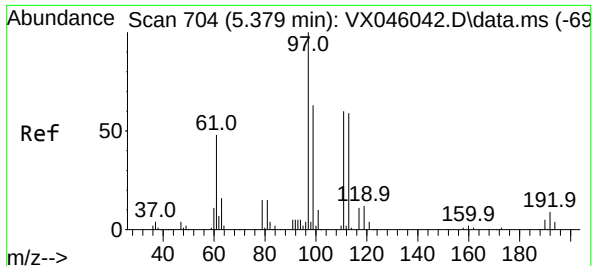
Tgt Ion: 65 Resp: 69217
Ion Ratio Lower Upper
65 100
67 49.3 0.0 99.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

Tgt Ion: 114 Resp: 136531
Ion Ratio Lower Upper
114 100
63 23.8 0.0 49.2
88 17.8 0.0 33.6

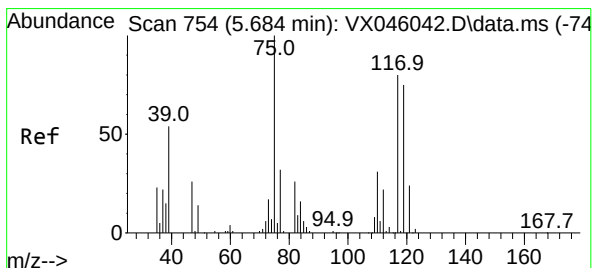
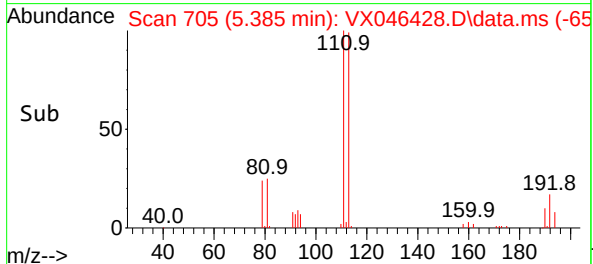
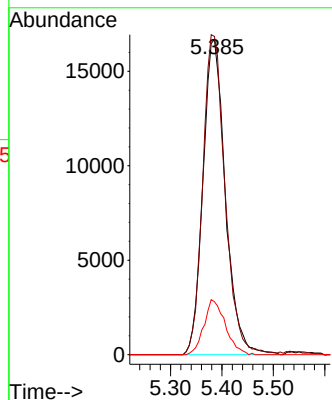
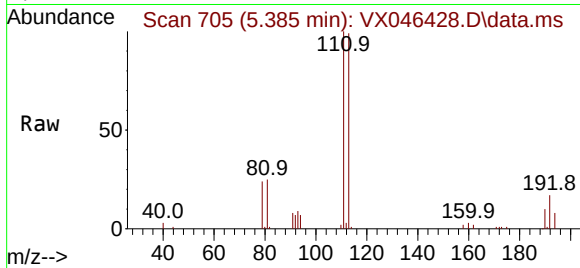




#35
Dibromofluoromethane
Concen: 51.379 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

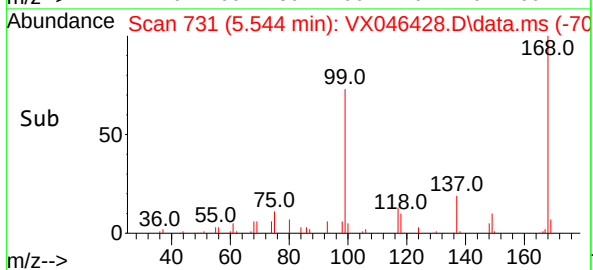
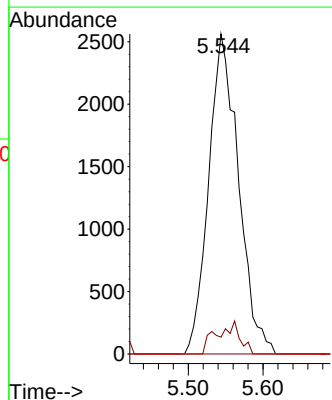
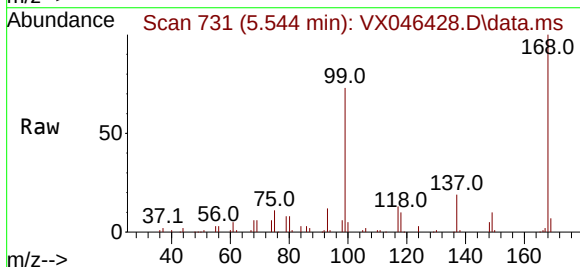
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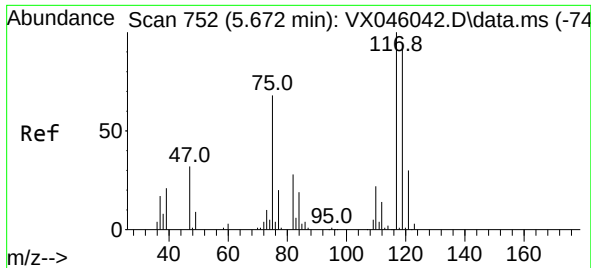
Tgt Ion:113 Resp: 50514
Ion Ratio Lower Upper
113 100
111 100.8 83.1 124.7
192 16.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.384 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

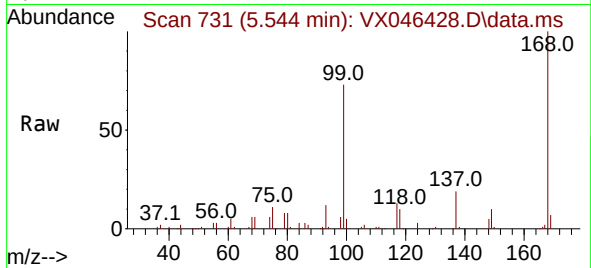
Tgt Ion: 75 Resp: 7112
Ion Ratio Lower Upper
75 100
110 3.1 16.3 48.9#
77 0.0 24.3 36.5#



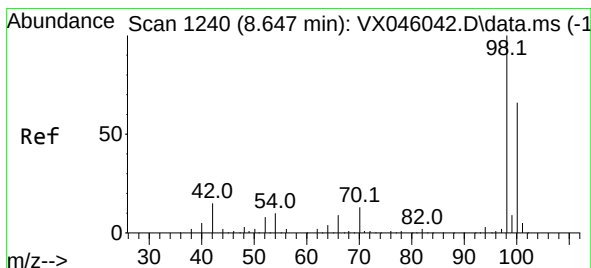
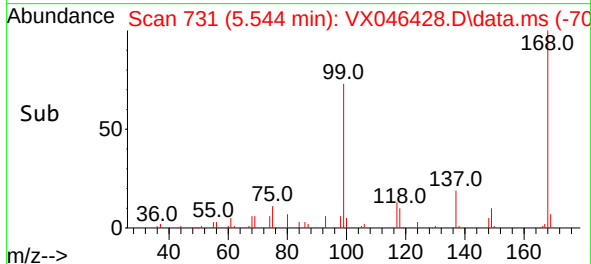
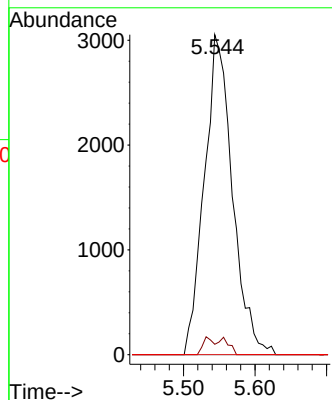


#38
Carbon Tetrachloride
Concen: 5.617 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602

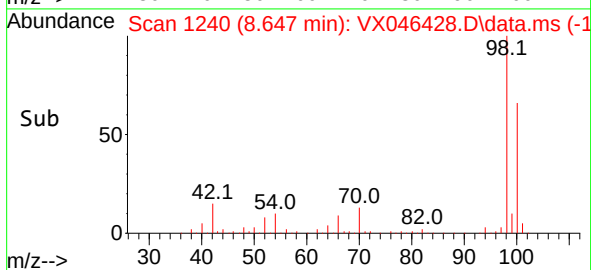
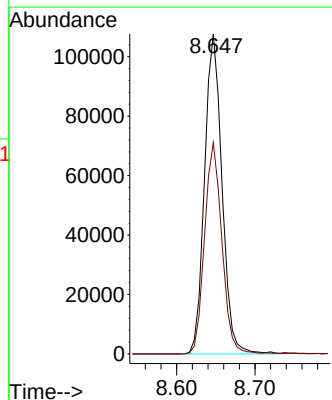
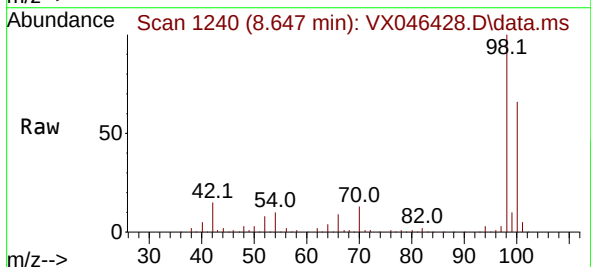


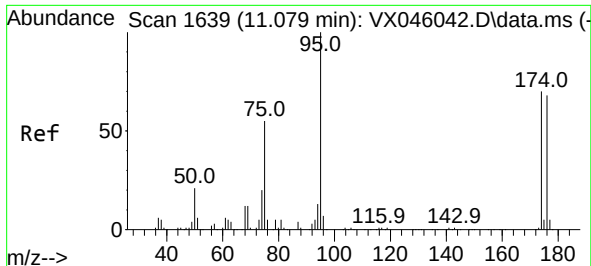
Tgt Ion:117 Resp: 8337
Ion Ratio Lower Upper
117 100
119 3.2 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 48.972 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

Tgt Ion: 98 Resp: 166644
Ion Ratio Lower Upper
98 100
100 65.5 53.5 80.3

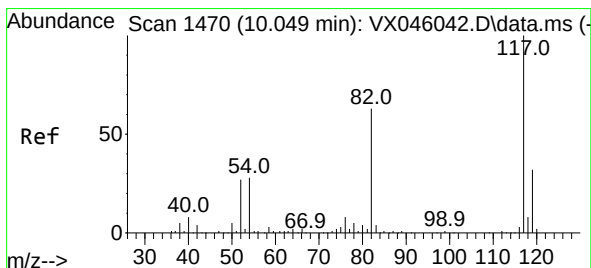
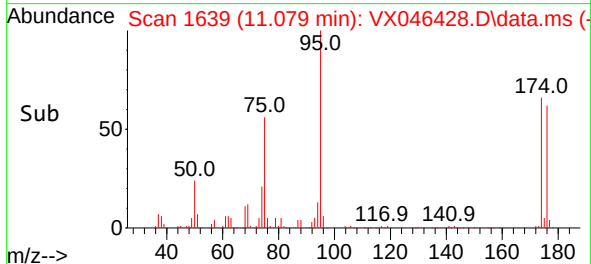
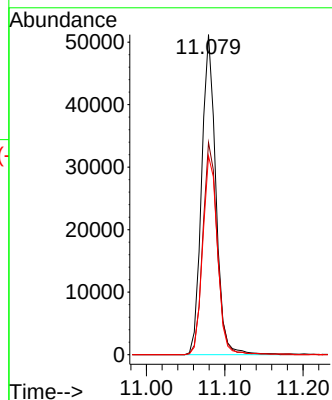
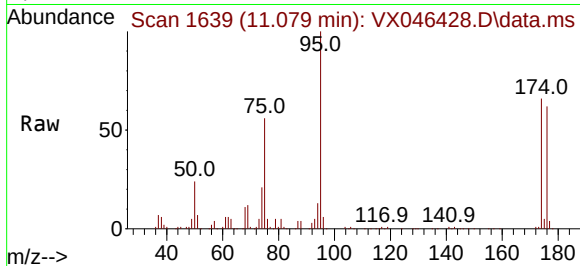




#62
4-Bromofluorobenzene
Concen: 49.311 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

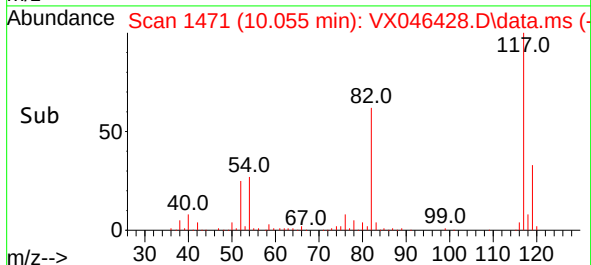
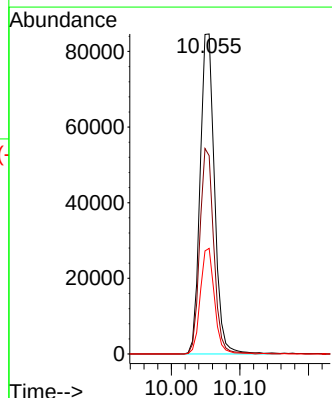
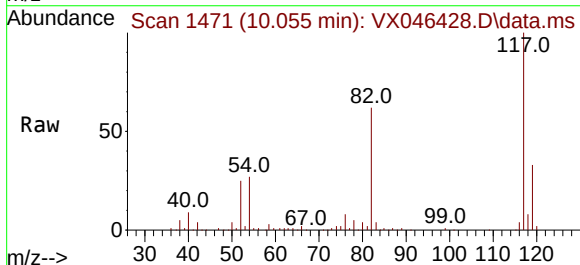
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-600-602

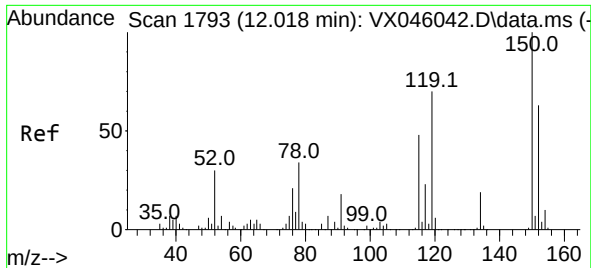
Tgt Ion: 95 Resp: 64365
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 64.6 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046428.D
Acq: 30 May 2025 17:46

Tgt Ion: 117 Resp: 123950
Ion Ratio Lower Upper
117 100
82 62.0 50.6 76.0
119 33.0 25.8 38.6

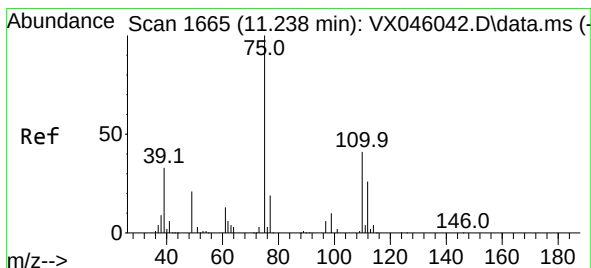
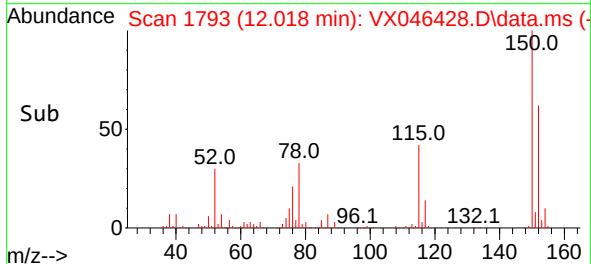
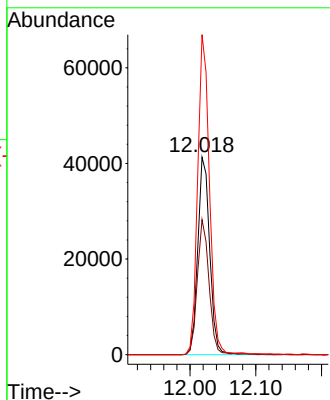
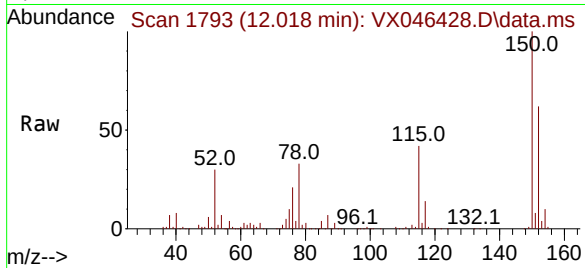




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046428.D
 Acq: 30 May 2025 17:46

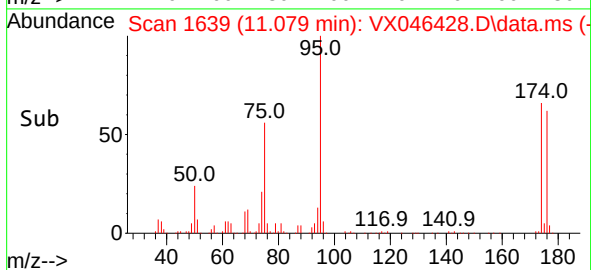
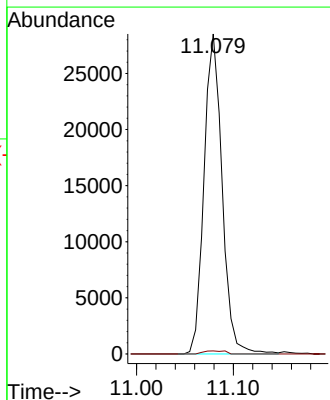
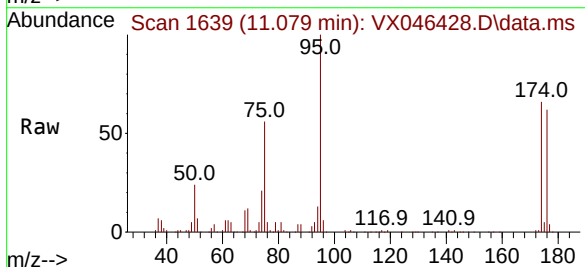
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-600-602

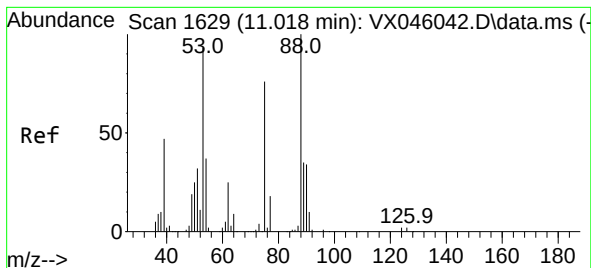
Tgt Ion:152 Resp: 52218
 Ion Ratio Lower Upper
 152 100
 115 67.3 46.9 140.7
 150 160.0 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 29.547 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX046428.D
 Acq: 30 May 2025 17:46

Tgt Ion: 75 Resp: 37138
 Ion Ratio Lower Upper
 75 100
 77 1.2 20.5 61.5#

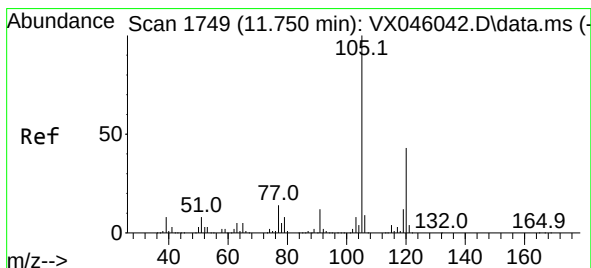
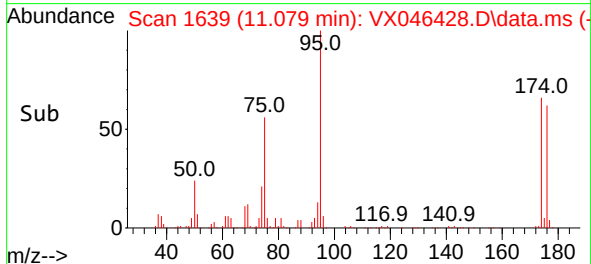
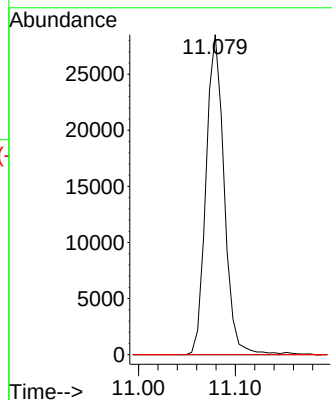
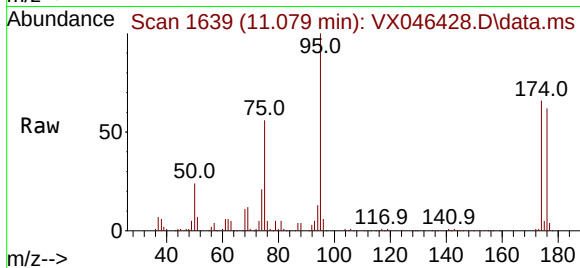




#81
 trans-1,4-Dichloro-2-butene
 Concen: 96.196 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX046428.D
 Acq: 30 May 2025 17:46

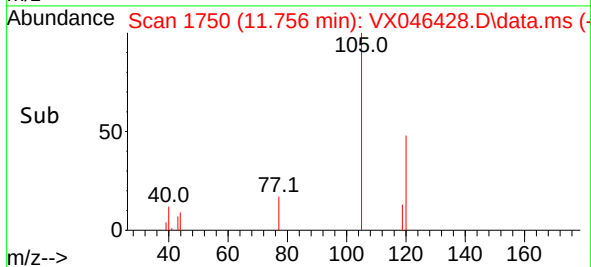
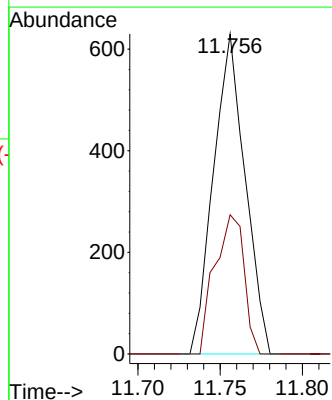
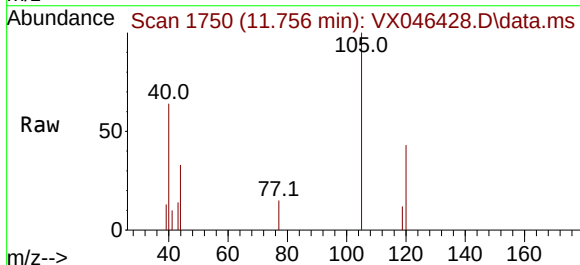
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-600-602

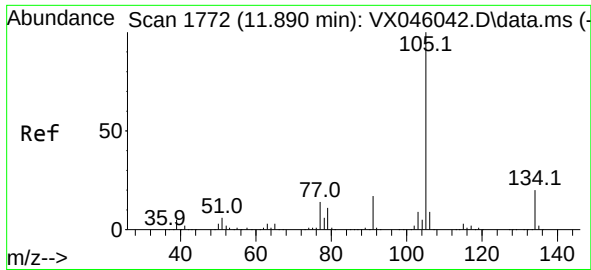
Tgt Ion: 75 Resp: 37138
 Ion Ratio Lower Upper
 75 100
 53 0.0 100.5 150.7#
 89 0.0 37.0 55.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.245 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX046428.D
 Acq: 30 May 2025 17:46

Tgt Ion: 105 Resp: 843
 Ion Ratio Lower Upper
 105 100
 120 40.2 21.2 63.6





#85

sec-Butylbenzene

Concen: 0.201 ug/l

RT: 11.756 min Scan# 11

Delta R.T. -0.134 min

Lab File: VX046428.D

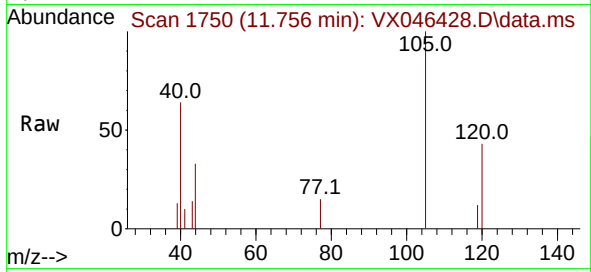
Acq: 30 May 2025 17:46

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-600-602



Tgt Ion:105 Resp: 843

Ion Ratio Lower Upper

105 100

134 0.0 9.7 29.1#

