

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046343.D
 Acq On : 23 May 2025 14:29
 Operator : JC/MD
 Sample : Q2118-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-450-452

Quant Time: May 23 23:02:32 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)

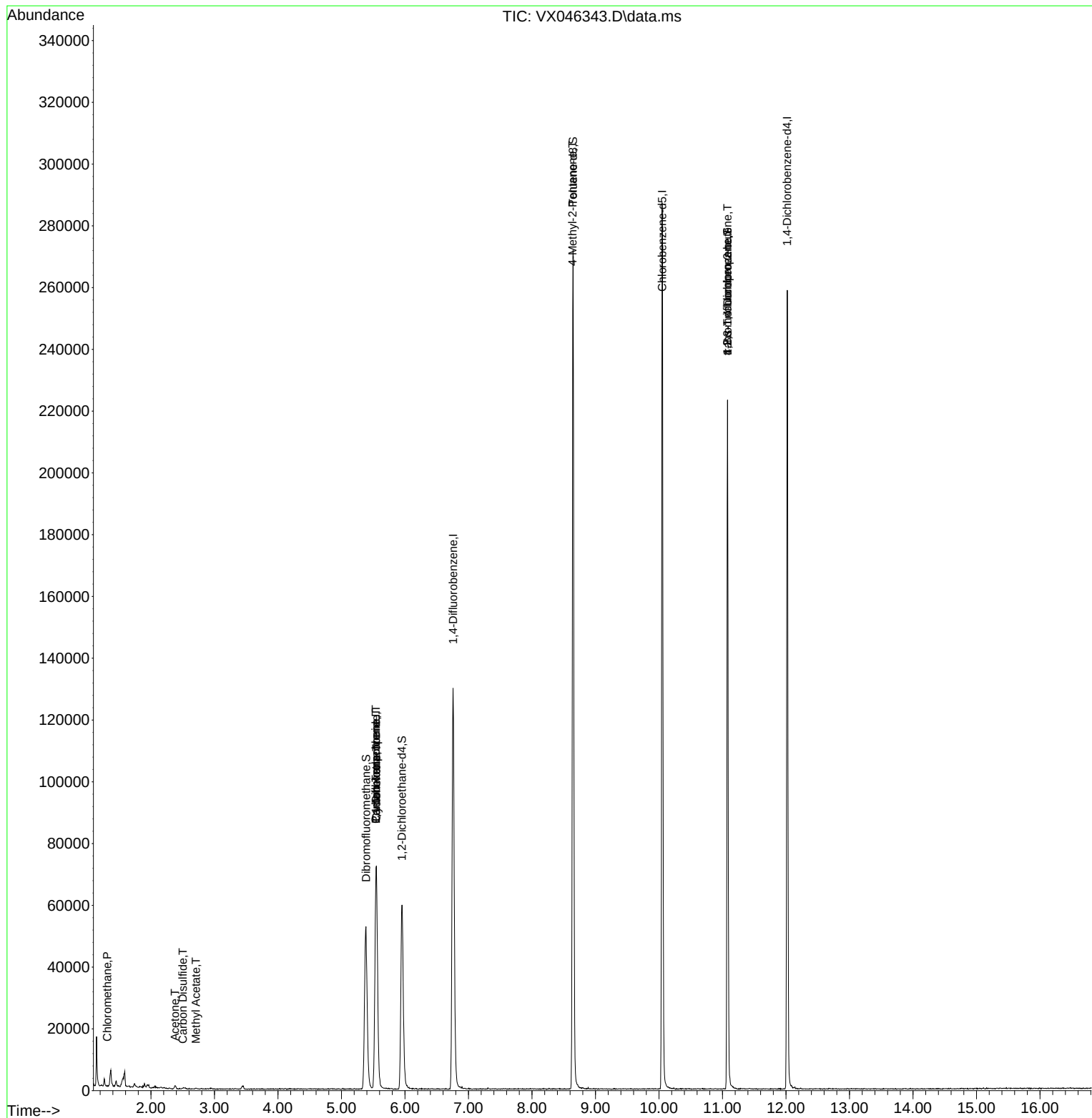
Internal Standards						
1) Pentafluorobenzene	5.544	168	61687	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	122489	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	115391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62133	54.027	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.060%			
35) Dibromofluoromethane	5.385	113	45376	51.444	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.880%			
50) Toluene-d8	8.647	98	156196	51.163	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.320%			
62) 4-Bromofluorobenzene	11.079	95	58715	50.139	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 100.280%			
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	227	0.248	ug/l #	43
16) Acetone	2.380	43	1246	2.702	ug/l	91
17) Carbon Disulfide	2.502	76	551	0.318	ug/l #	76
18) Methyl Acetate	2.709	43	364	0.340	ug/l #	55
31) Cyclohexane	5.550	56	1829	1.334	ug/l #	18
36) 1,1-Dichloropropene	5.544	75	6241	5.266	ug/l #	51
38) Carbon Tetrachloride	5.544	117	7309	5.489	ug/l #	18
51) 4-Methyl-2-Pentanone	8.641	43	876	0.591	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	33955	28.705	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	33955	93.454	ug/l #	1

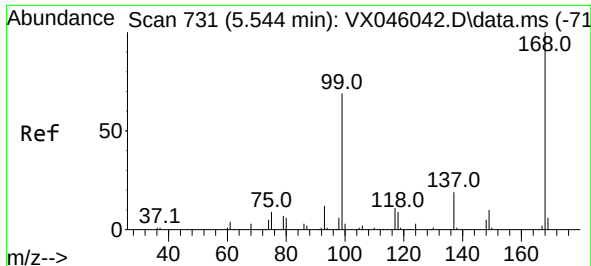
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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BP-VPB-182-GW-450-452

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Quant Title : SW846 8260
QLast Update : Tue May 06 07:12:22 2025
Response via : Initial Calibration

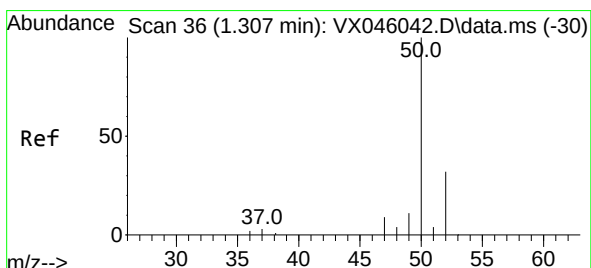
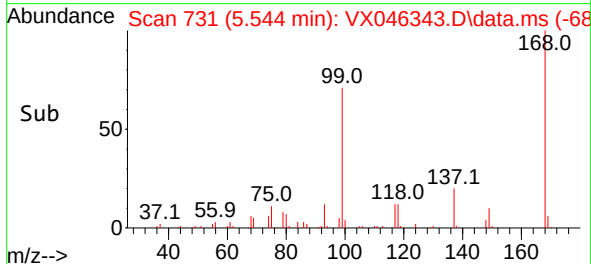
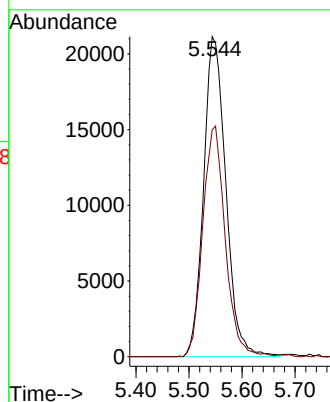
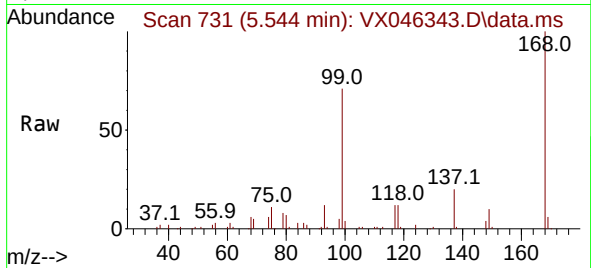




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046343.D
Acq: 23 May 2025 14:29

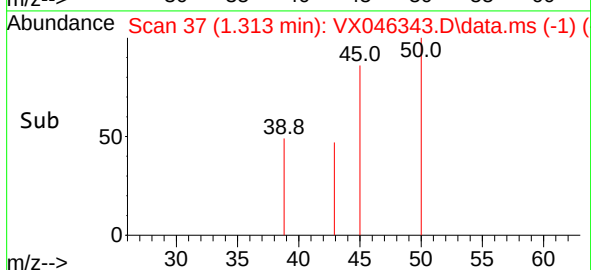
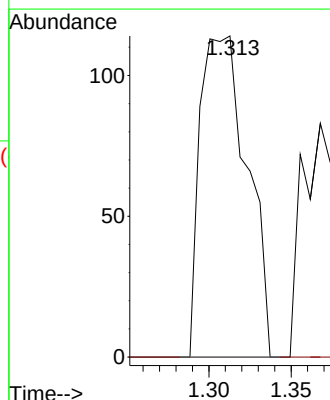
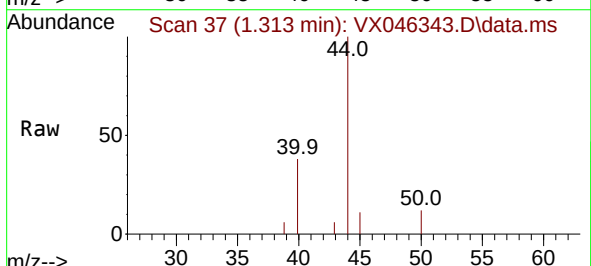
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-450-452

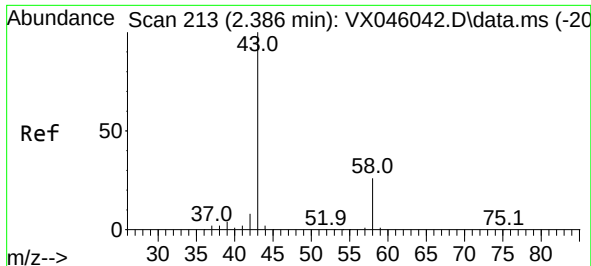
Tgt Ion:168 Resp: 61687
Ion Ratio Lower Upper
168 100
99 70.7 54.9 82.3



#3
Chloromethane
Concen: 0.248 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.006 min
Lab File: VX046343.D
Acq: 23 May 2025 14:29

Tgt Ion: 50 Resp: 227
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#

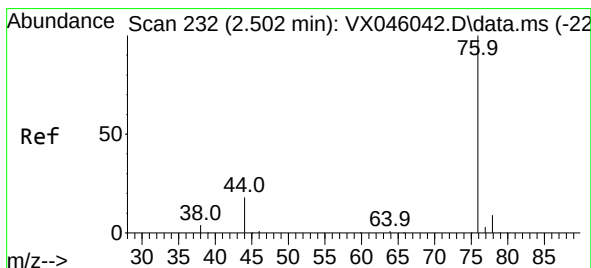
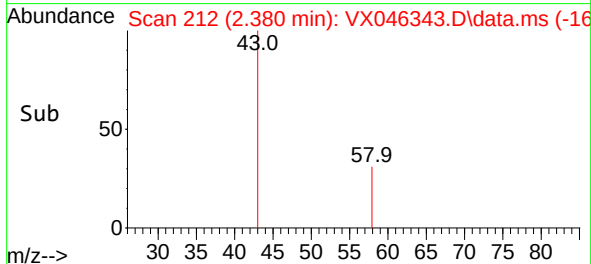
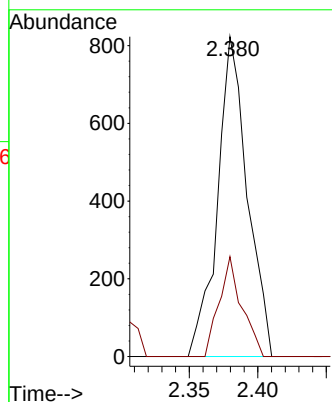
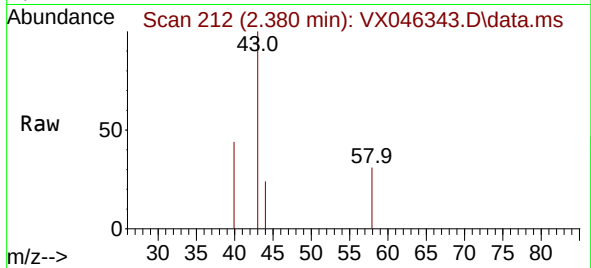




#16
Acetone
Concen: 2.702 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046343.D
Acq: 23 May 2025 14:29

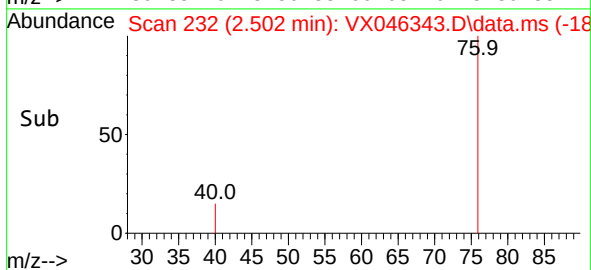
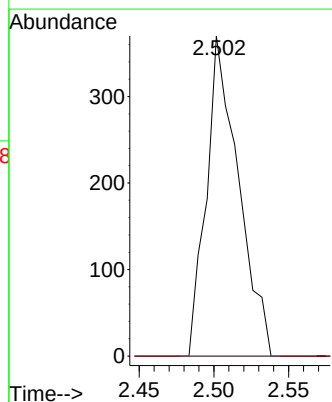
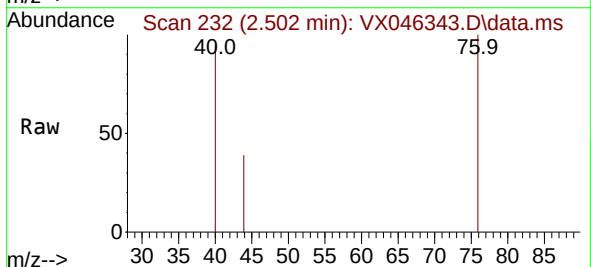
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-450-452

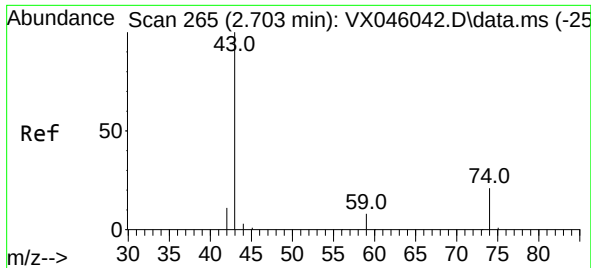
Tgt Ion: 43 Resp: 1246
Ion Ratio Lower Upper
43 100
58 31.2 21.2 31.8



#17
Carbon Disulfide
Concen: 0.318 ug/l
RT: 2.502 min Scan# 232
Delta R.T. 0.000 min
Lab File: VX046343.D
Acq: 23 May 2025 14:29

Tgt Ion: 76 Resp: 551
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.4#

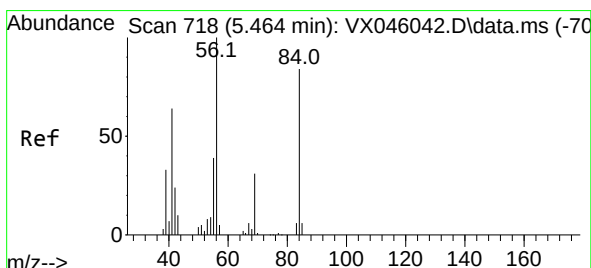
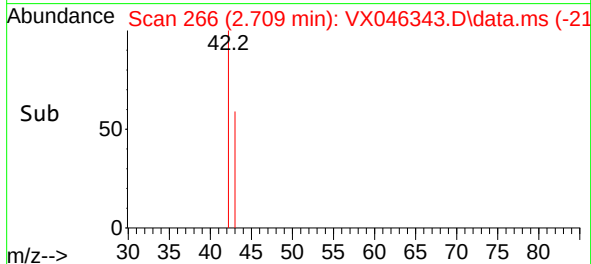
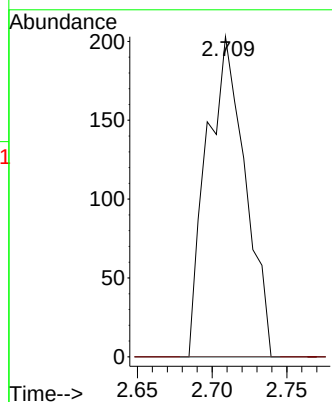
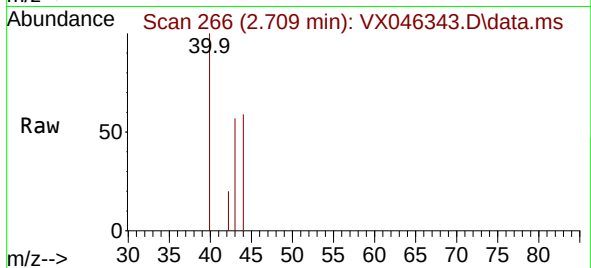




#18
Methyl Acetate
Concen: 0.340 ug/l
RT: 2.709 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX046343.D
Acq: 23 May 2025 14:29

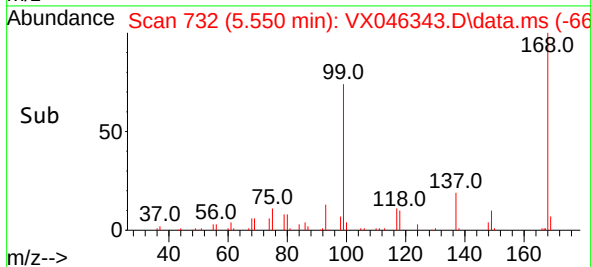
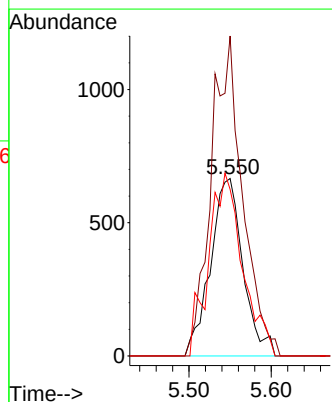
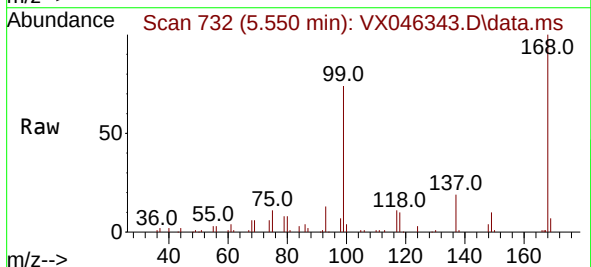
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-450-452

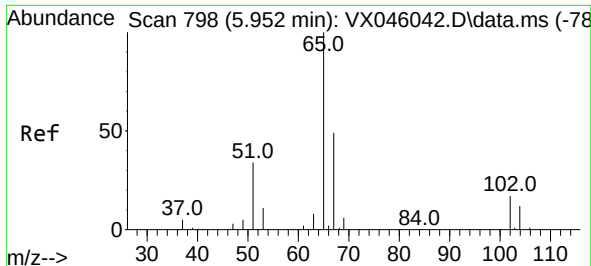
Tgt Ion: 43 Resp: 364
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#31
Cyclohexane
Concen: 1.334 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX046343.D
Acq: 23 May 2025 14:29

Tgt Ion: 56 Resp: 1829
Ion Ratio Lower Upper
56 100
69 180.3 24.4 36.6#
84 93.8 66.9 100.3





#33

1,2-Dichloroethane-d4

Concen: 54.027 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX046343.D

Acq: 23 May 2025 14:29

Instrument :

MSVOA_X

ClientSampleId :

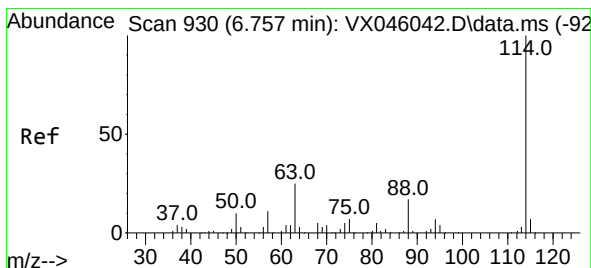
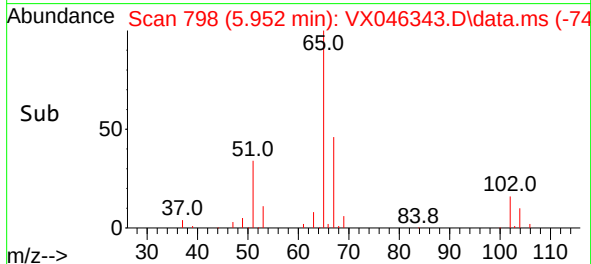
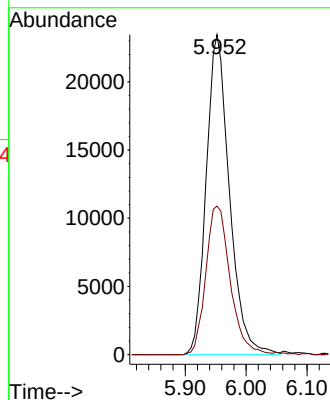
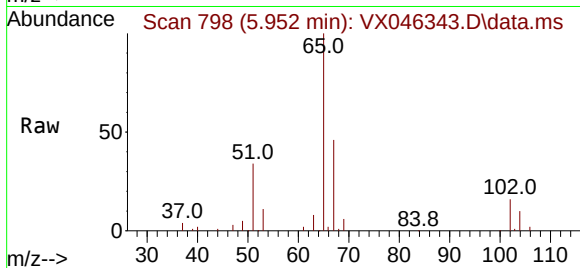
BP-VPB-182-GW-450-452

Tgt Ion: 65 Resp: 62133

Ion Ratio Lower Upper

65 100

67 48.7 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: VX046343.D

Acq: 23 May 2025 14:29

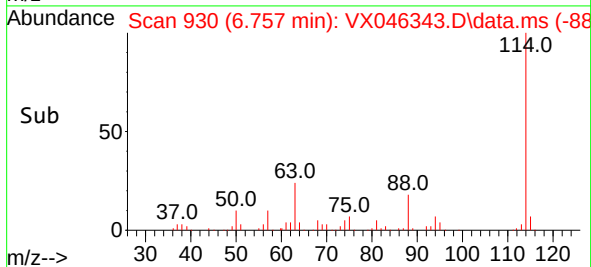
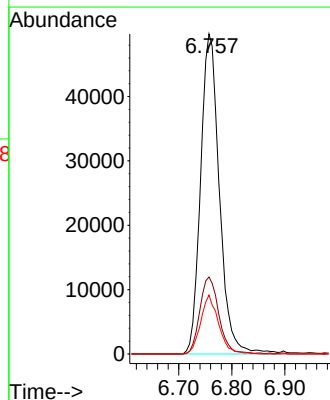
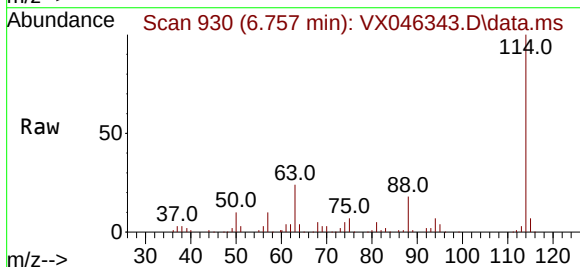
Tgt Ion: 114 Resp: 122489

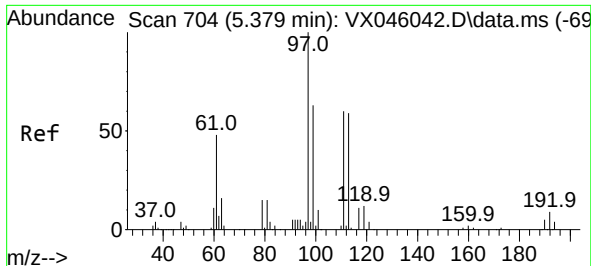
Ion Ratio Lower Upper

114 100

63 24.0 0.0 49.2

88 18.4 0.0 33.6

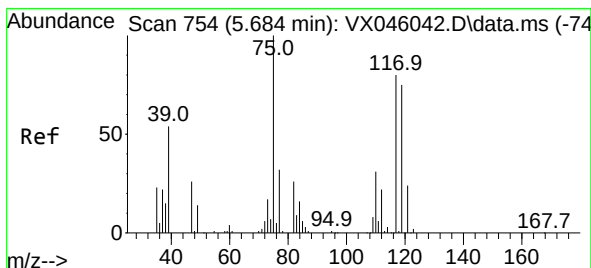
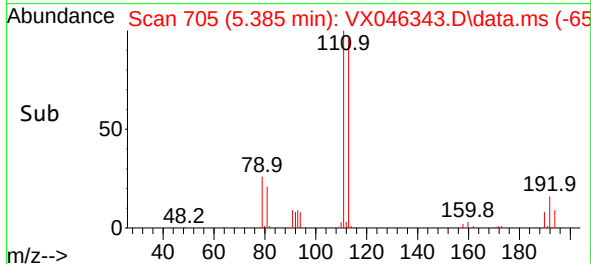
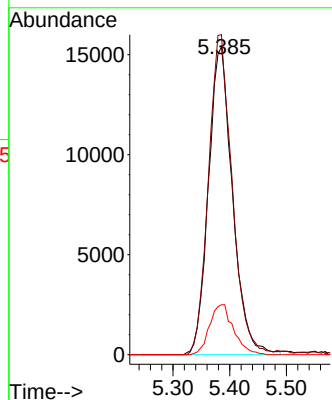
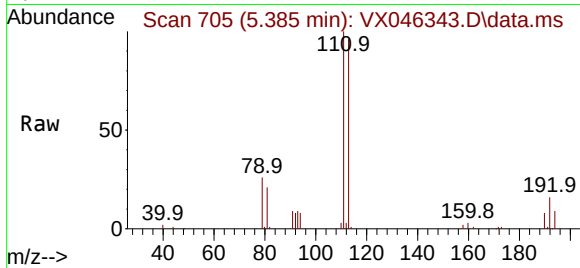




#35
Dibromofluoromethane
Concen: 51.444 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046343.D
Acq: 23 May 2025 14:29

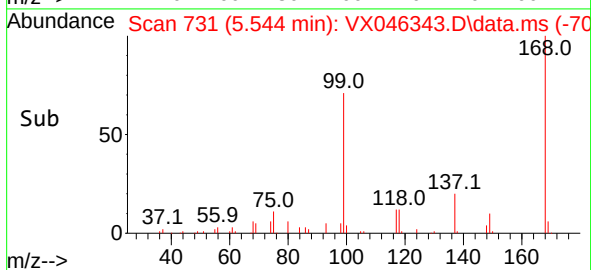
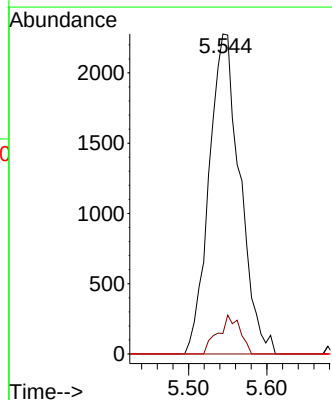
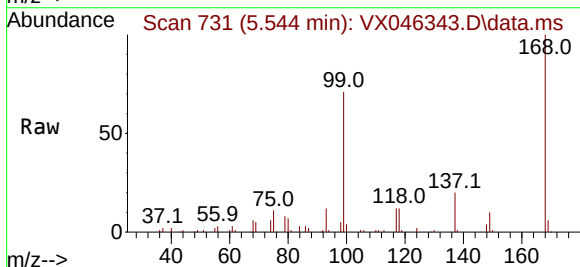
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-450-452

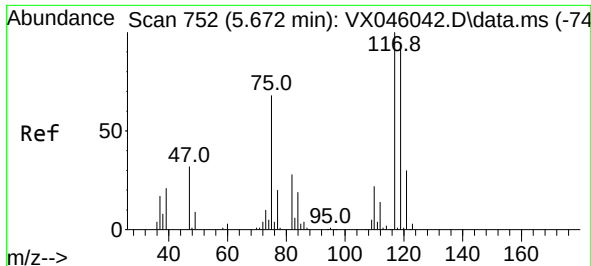
Tgt Ion:113 Resp: 45376
Ion Ratio Lower Upper
113 100
111 102.5 83.1 124.7
192 16.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.266 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX046343.D
Acq: 23 May 2025 14:29

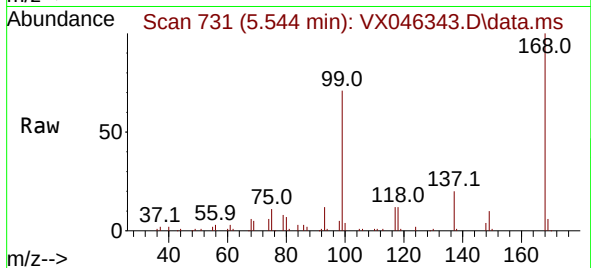
Tgt Ion: 75 Resp: 6241
Ion Ratio Lower Upper
75 100
110 8.6 16.3 48.9#
77 0.0 24.3 36.5#



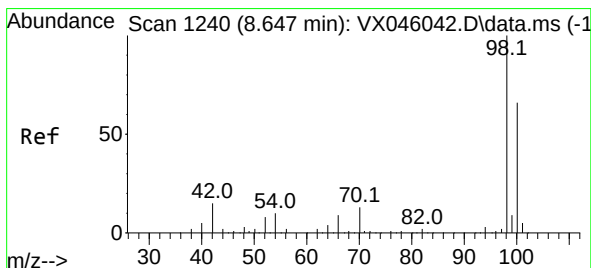
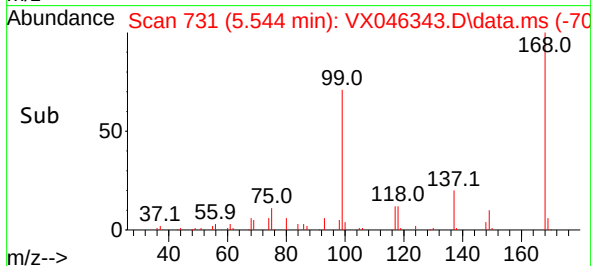
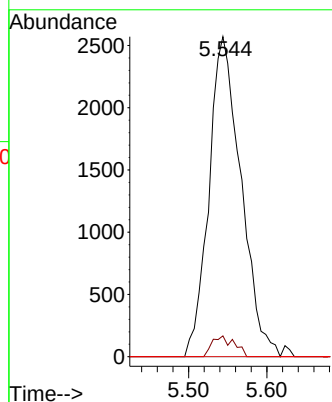


#38
Carbon Tetrachloride
Concen: 5.489 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX046343.D
Acq: 23 May 2025 14:29

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-450-452

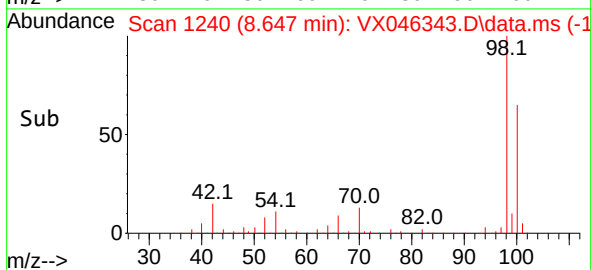
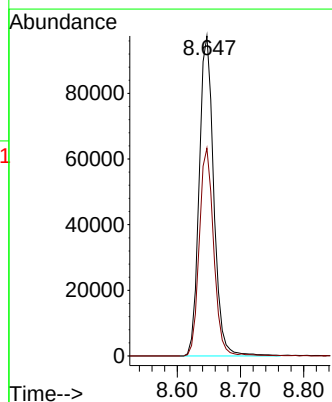
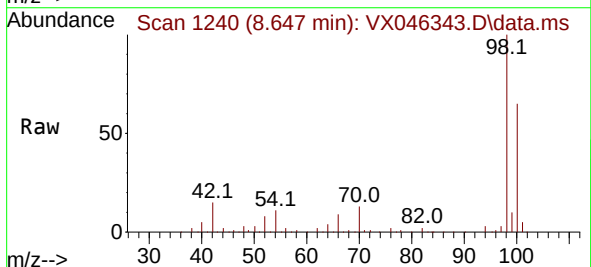


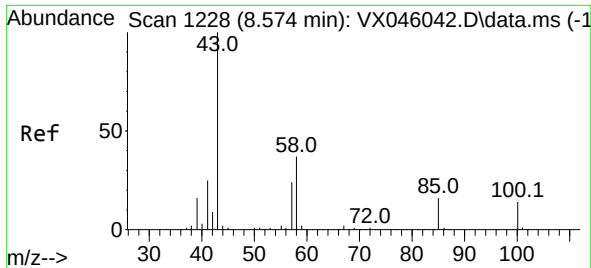
Tgt Ion:117 Resp: 7309
Ion Ratio Lower Upper
117 100
119 6.5 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 51.163 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046343.D
Acq: 23 May 2025 14:29

Tgt Ion: 98 Resp: 156196
Ion Ratio Lower Upper
98 100
100 64.6 53.5 80.3

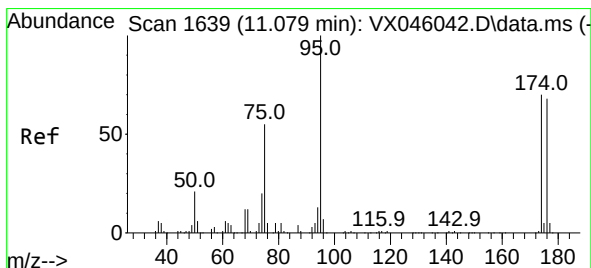
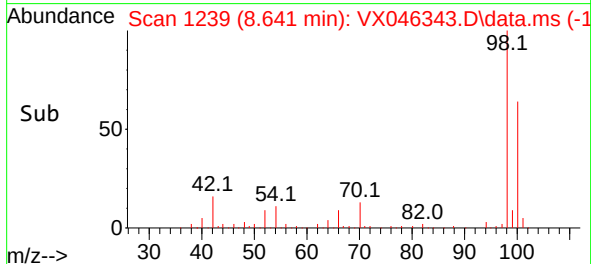
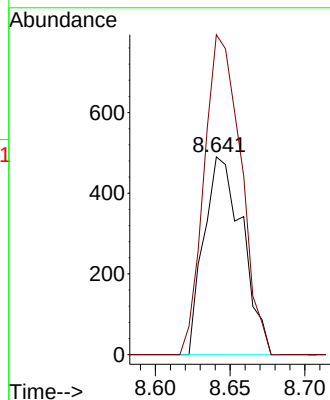
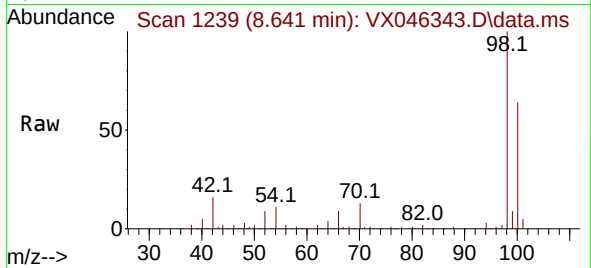




#51
4-Methyl-2-Pentanone
Concen: 0.591 ug/l
RT: 8.641 min Scan# 11
Delta R.T. 0.067 min
Lab File: VX046343.D
Acq: 23 May 2025 14:29

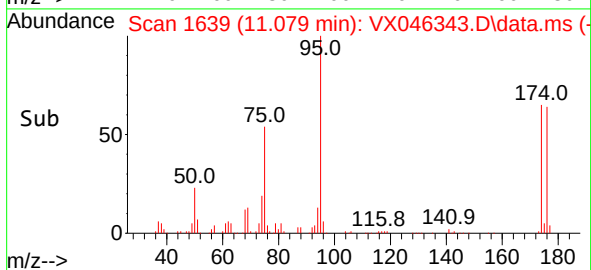
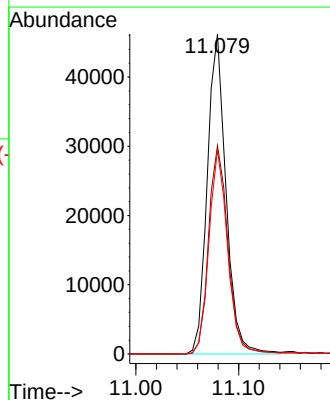
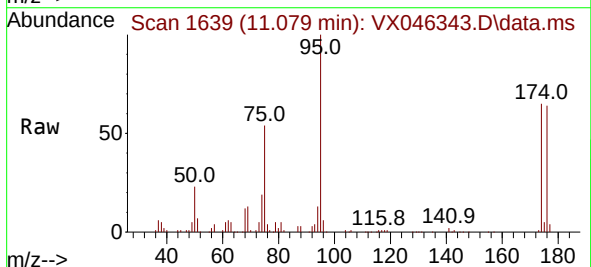
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-450-452

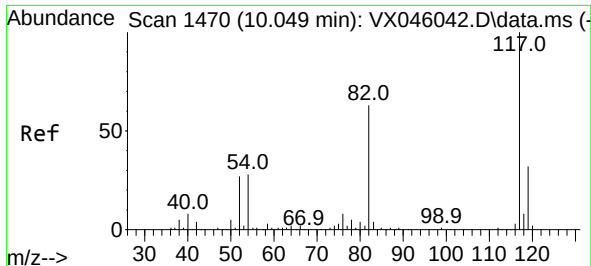
Tgt Ion: 43 Resp: 876
Ion Ratio Lower Upper
43 100
58 154.9 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 50.139 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046343.D
Acq: 23 May 2025 14:29

Tgt Ion: 95 Resp: 58715
Ion Ratio Lower Upper
95 100
174 67.5 0.0 135.8
176 63.2 0.0 131.4

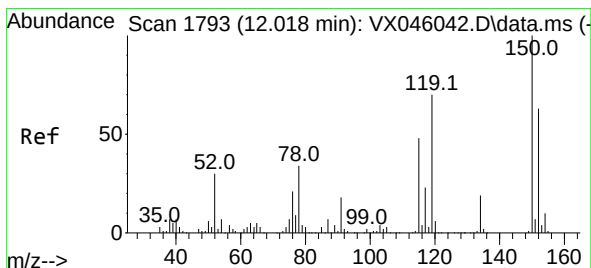
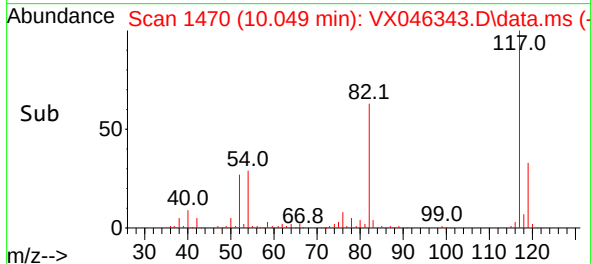
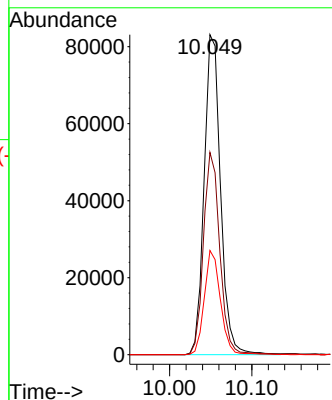
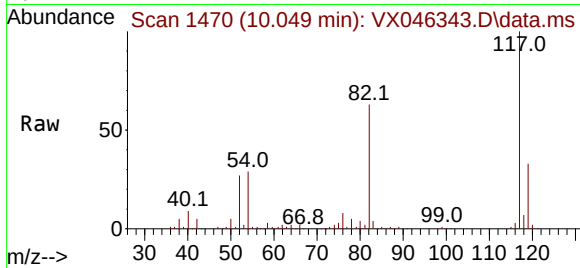




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046343.D
Acq: 23 May 2025 14:29

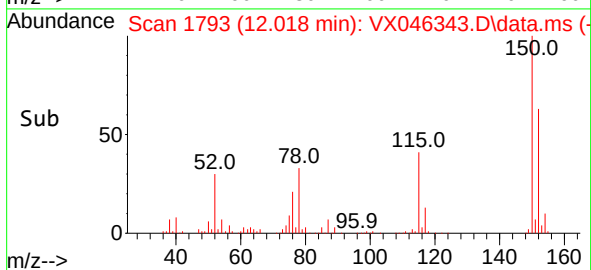
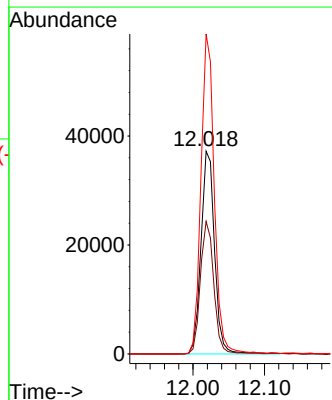
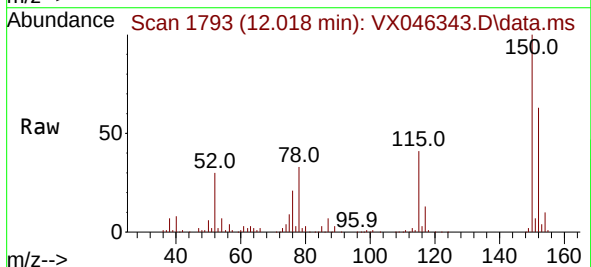
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-450-452

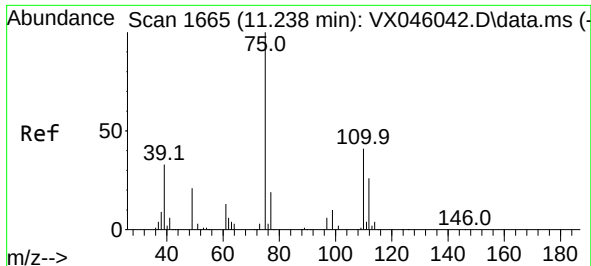
Tgt Ion:117 Resp: 115391
Ion Ratio Lower Upper
117 100
82 63.2 50.6 76.0
119 32.6 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046343.D
Acq: 23 May 2025 14:29

Tgt Ion:152 Resp: 49143
Ion Ratio Lower Upper
152 100
115 64.5 46.9 140.7
150 154.3 0.0 351.0

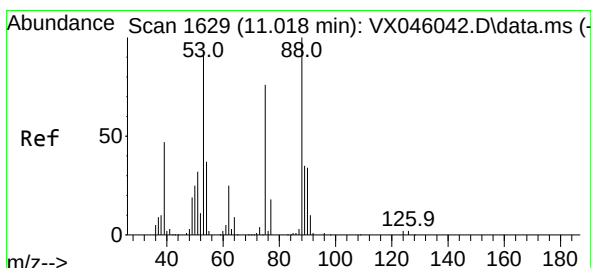
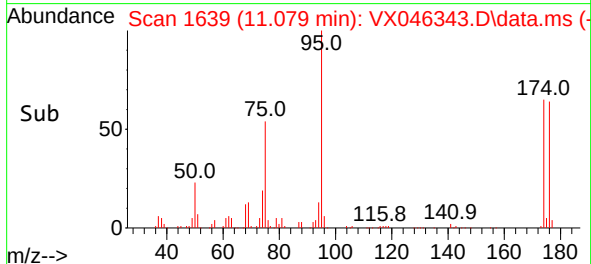
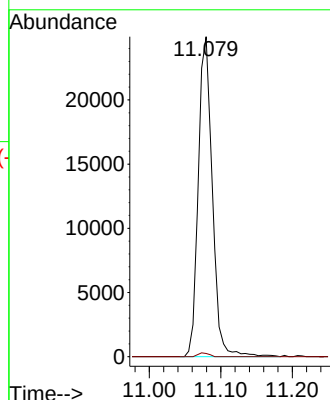
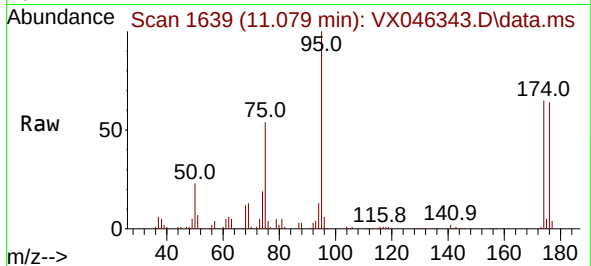




#76
1,2,3-Trichloropropane
Concen: 28.705 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX046343.D
Acq: 23 May 2025 14:29

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-450-452

Tgt Ion: 75 Resp: 33955
Ion Ratio Lower Upper
75 100
77 0.9 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.454 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046343.D
Acq: 23 May 2025 14:29

Tgt Ion: 75 Resp: 33955
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

