

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046345.D
 Acq On : 23 May 2025 15:16
 Operator : JC/MD
 Sample : Q2118-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-480-482

Quant Time: May 23 23:03:18 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)

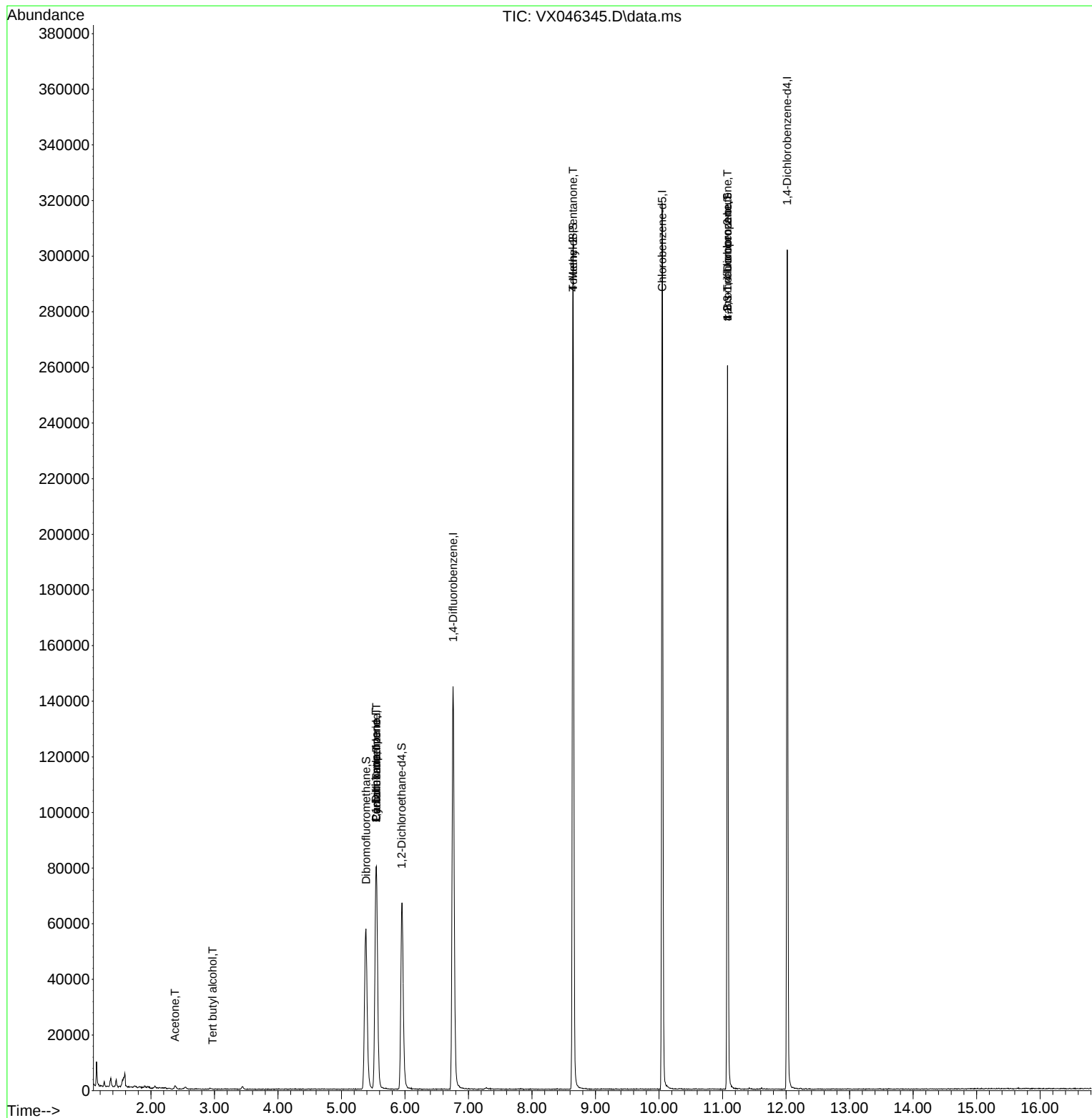
Internal Standards						
1) Pentafluorobenzene	5.550	168	69269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136686	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	129107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55196	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	68882	53.339	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.680%	
35) Dibromofluoromethane	5.385	113	49943	50.740	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.480%	
50) Toluene-d8	8.647	98	172980	50.776	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.560%	
62) 4-Bromofluorobenzene	11.079	95	67516	51.666	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.340%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.971	59	177	0.976	ug/l #	72
16) Acetone	2.380	43	1529	2.953	ug/l	96
31) Cyclohexane	5.550	56	1946	1.264	ug/l #	28
36) 1,1-Dichloropropene	5.544	75	6910	5.225	ug/l #	51
38) Carbon Tetrachloride	5.550	117	8561	5.761	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	1009	0.610	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	37983	28.589	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	37983	93.076	ug/l #	1

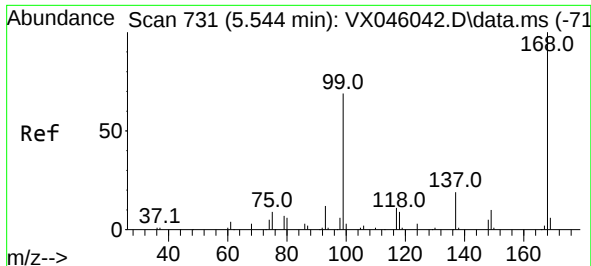
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
BP-VPB-182-GW-480-482

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Quant Title : SW846 8260
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Response via : Initial Calibration

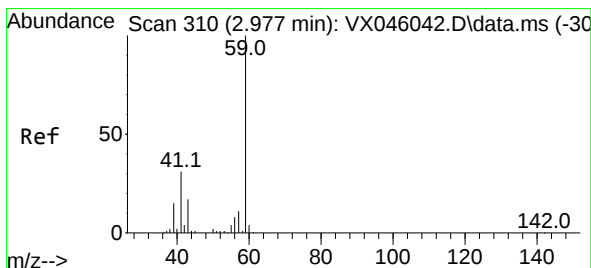
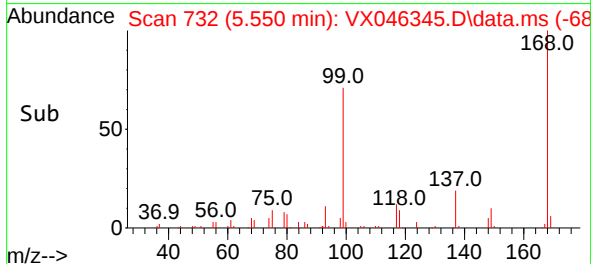
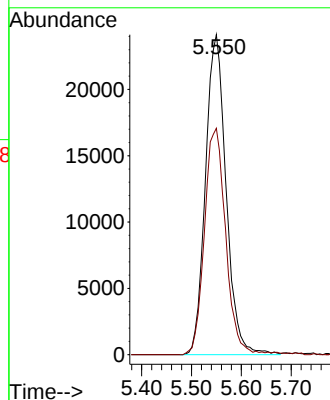
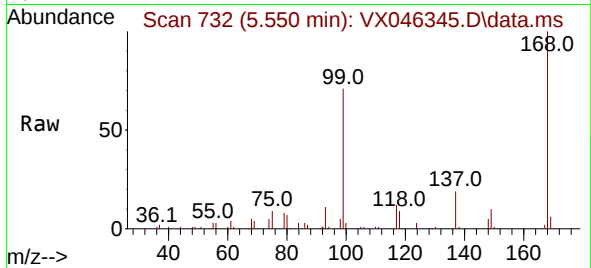




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046345.D
Acq: 23 May 2025 15:16

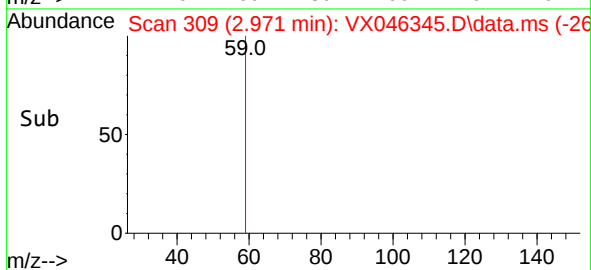
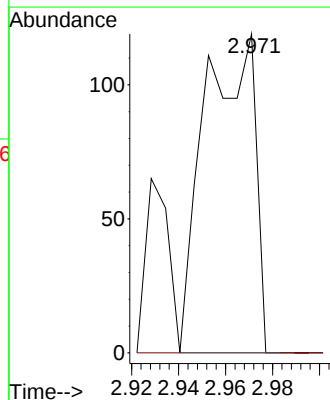
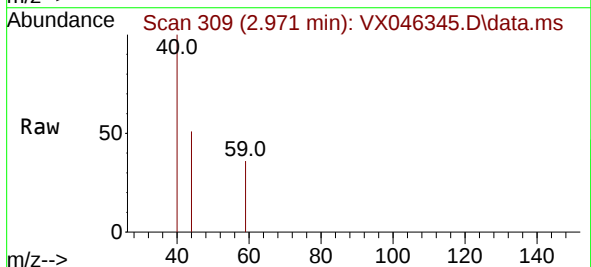
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-480-482

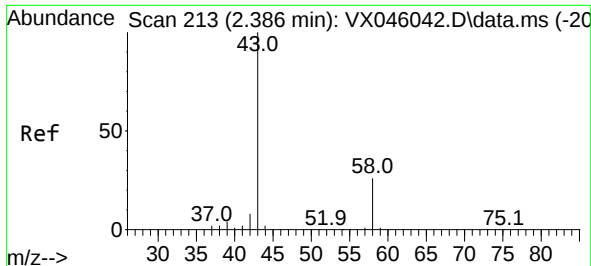
Tgt Ion:168 Resp: 69269
Ion Ratio Lower Upper
168 100
99 70.8 54.9 82.3



#11
Tert butyl alcohol
Concen: 0.976 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.006 min
Lab File: VX046345.D
Acq: 23 May 2025 15:16

Tgt Ion: 59 Resp: 177
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#

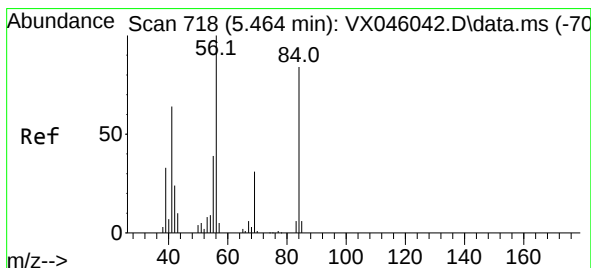
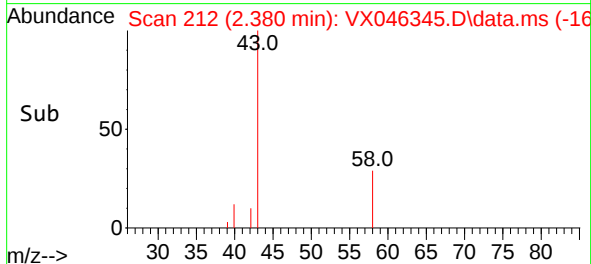
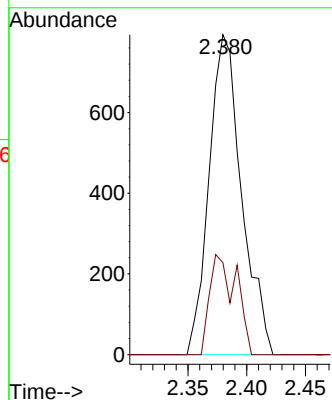
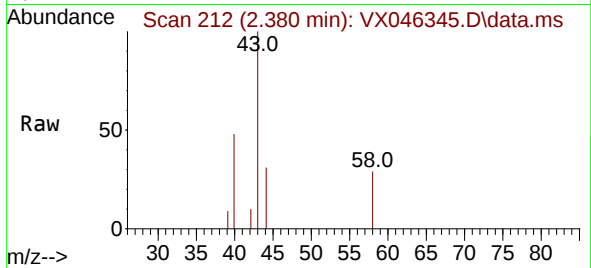




#16
Acetone
Concen: 2.953 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046345.D
Acq: 23 May 2025 15:16

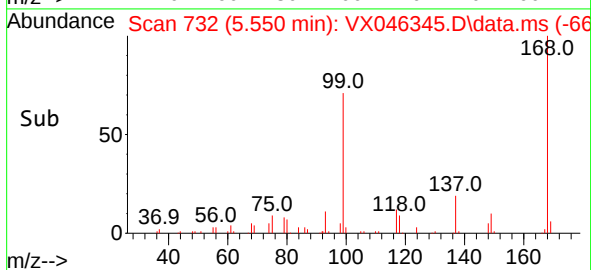
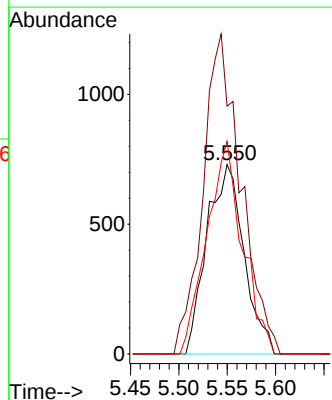
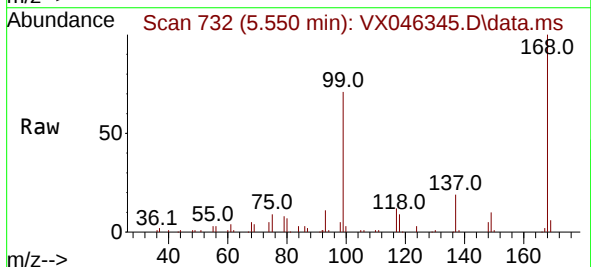
Instrument :
MSVOA_X
ClientSampleId :
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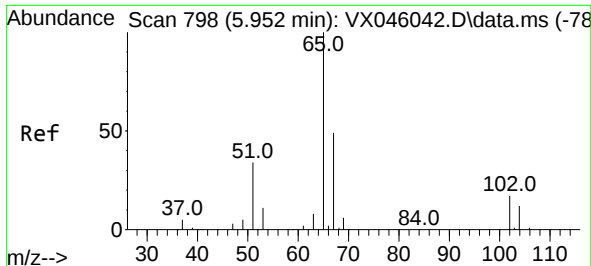
Tgt Ion: 43 Resp: 1529
Ion Ratio Lower Upper
43 100
58 28.8 21.2 31.8



#31
Cyclohexane
Concen: 1.264 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX046345.D
Acq: 23 May 2025 15:16

Tgt Ion: 56 Resp: 1946
Ion Ratio Lower Upper
56 100
69 130.8 24.4 36.6#
84 112.2 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 53.339 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX046345.D

Acq: 23 May 2025 15:16

Instrument :

MSVOA_X

ClientSampleId :

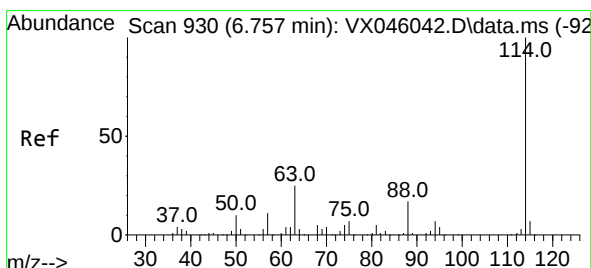
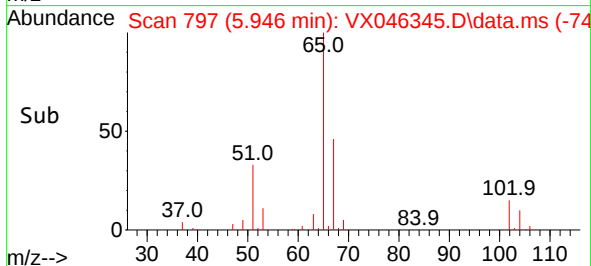
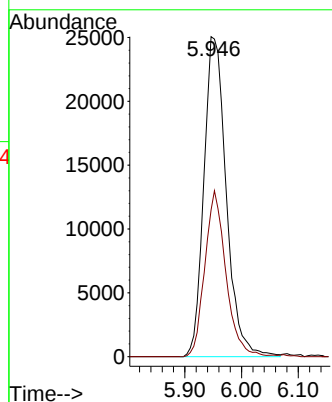
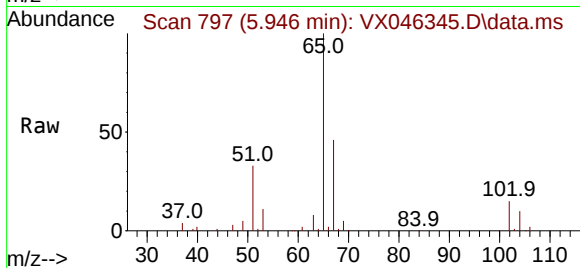
BP-VPB-182-GW-480-482

Tgt Ion: 65 Resp: 68882

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: VX046345.D

Acq: 23 May 2025 15:16

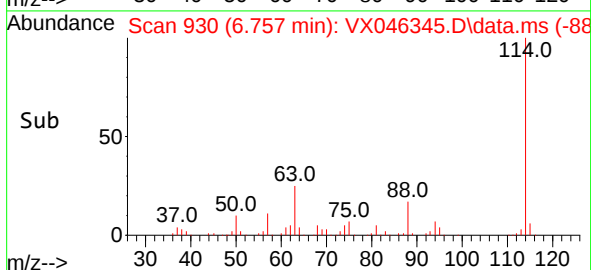
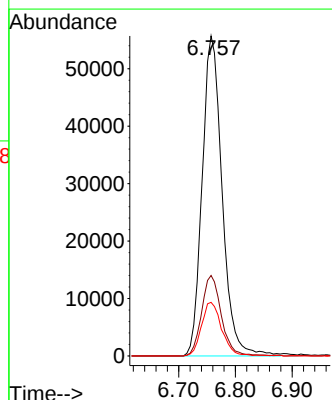
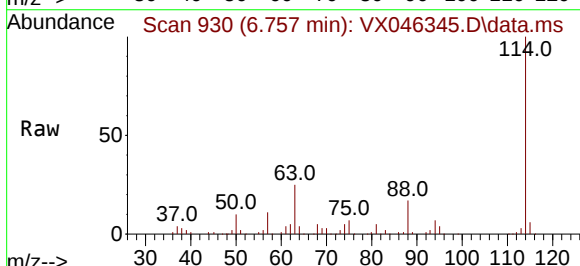
Tgt Ion: 114 Resp: 136686

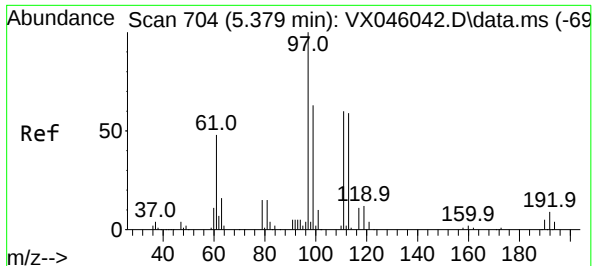
Ion Ratio Lower Upper

114 100

63 25.1 0.0 49.2

88 16.7 0.0 33.6

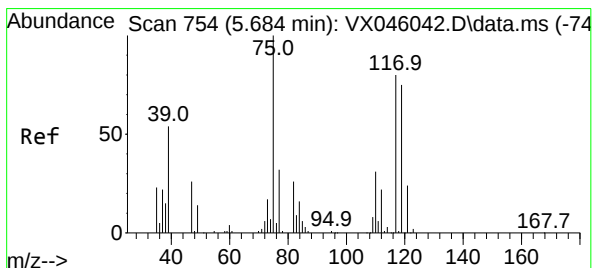
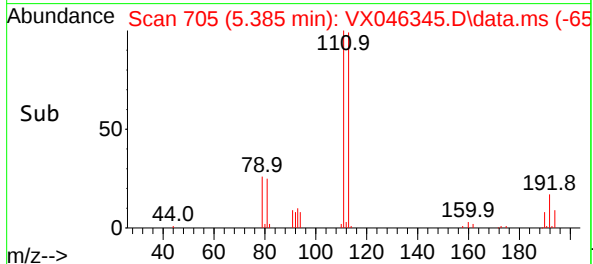
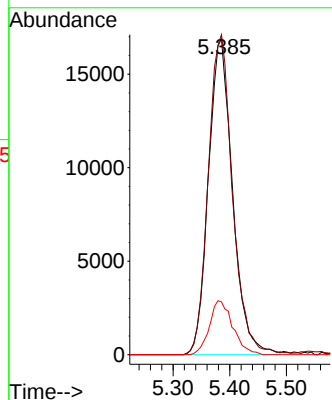
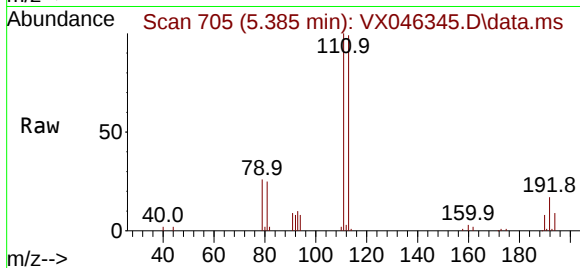




#35
Dibromofluoromethane
Concen: 50.740 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046345.D
Acq: 23 May 2025 15:16

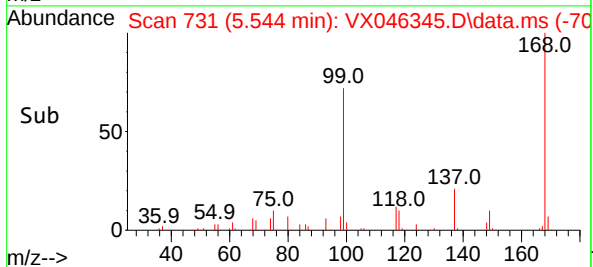
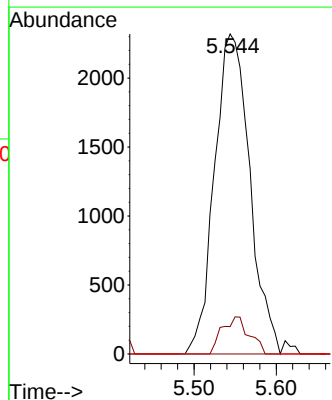
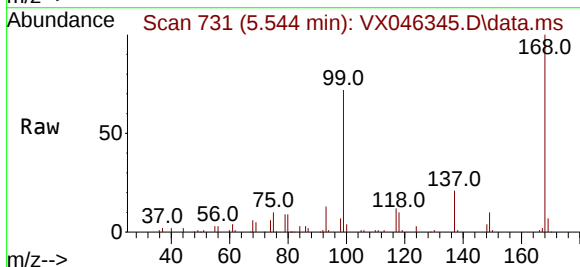
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-480-482

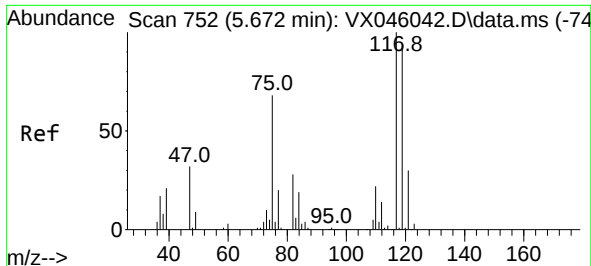
Tgt Ion:113 Resp: 49943
Ion Ratio Lower Upper
113 100
111 101.8 83.1 124.7
192 16.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.225 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX046345.D
Acq: 23 May 2025 15:16

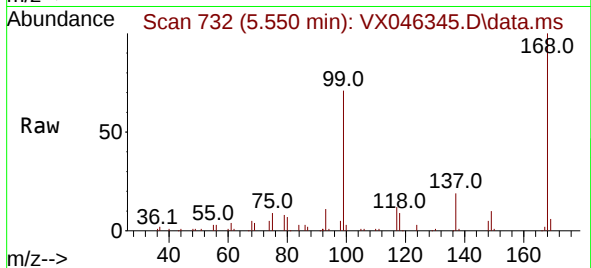
Tgt Ion: 75 Resp: 6910
Ion Ratio Lower Upper
75 100
110 8.9 16.3 48.9#
77 0.0 24.3 36.5#



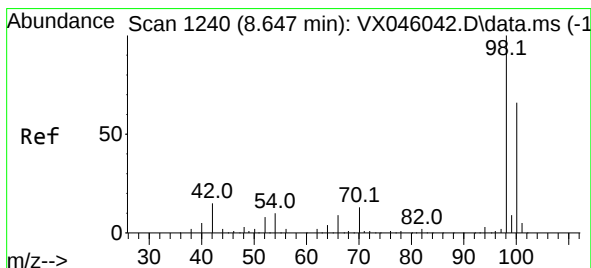
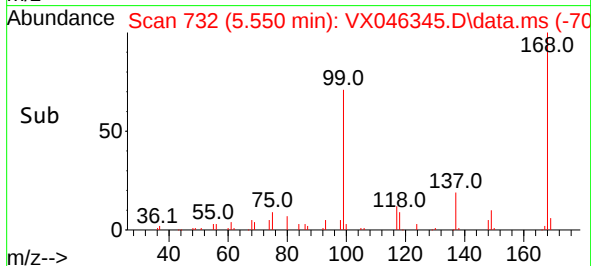
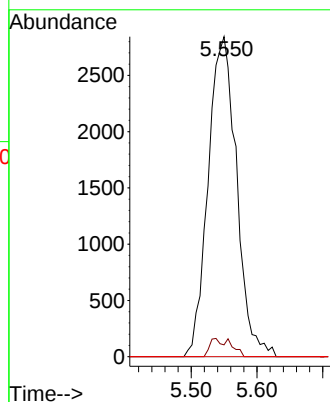


#38
Carbon Tetrachloride
Concen: 5.761 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX046345.D
Acq: 23 May 2025 15:16

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-480-482

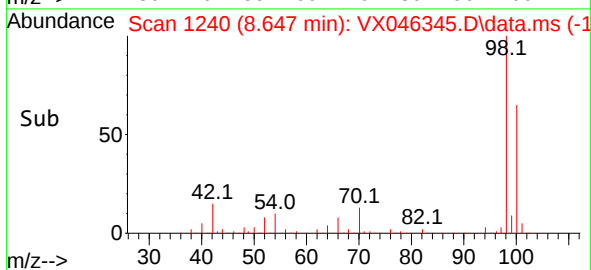
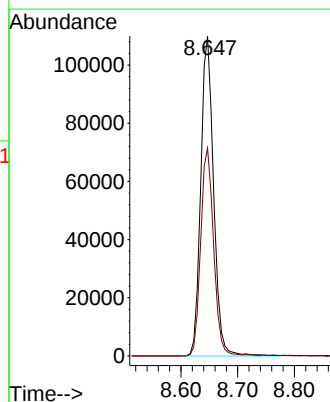
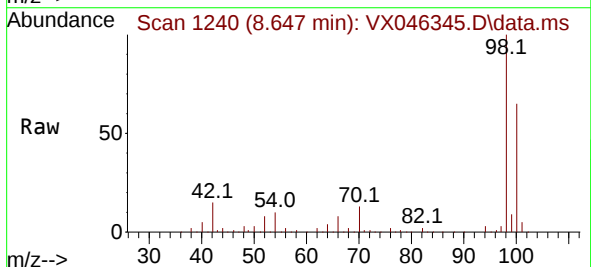


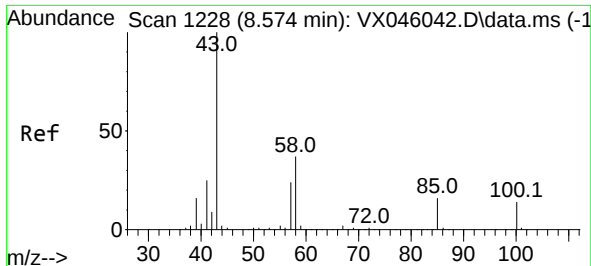
Tgt Ion:117 Resp: 8561
Ion Ratio Lower Upper
117 100
119 3.7 75.2 112.8#
121 0.0 24.2 36.4#



#50
Toluene-d8
Concen: 50.776 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046345.D
Acq: 23 May 2025 15:16

Tgt Ion: 98 Resp: 172980
Ion Ratio Lower Upper
98 100
100 65.4 53.5 80.3

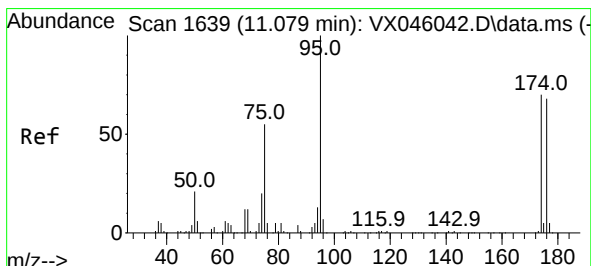
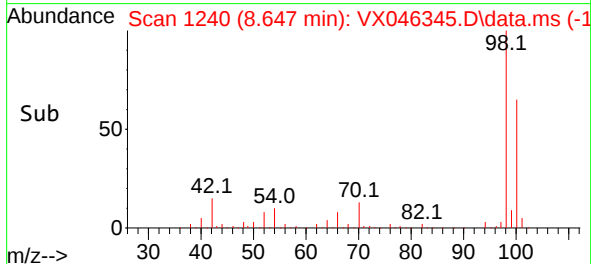
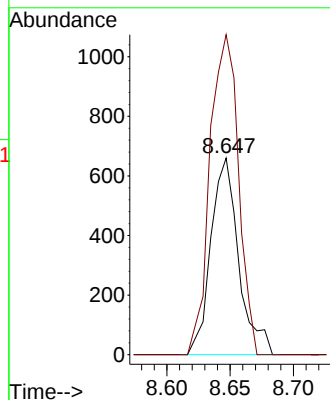
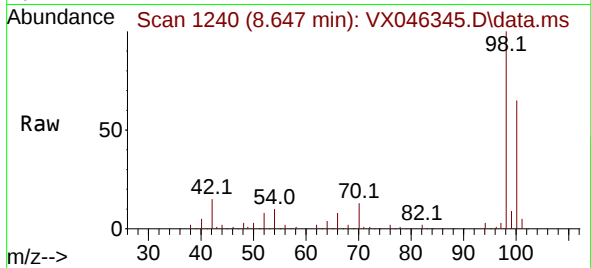




#51
4-Methyl-2-Pentanone
Concen: 0.610 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX046345.D
Acq: 23 May 2025 15:16

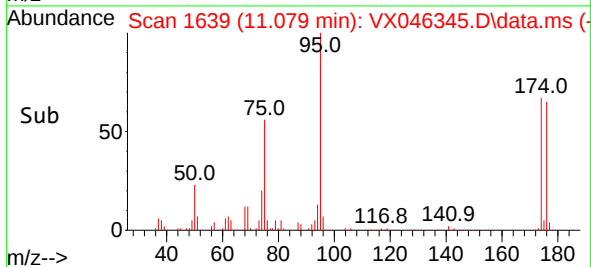
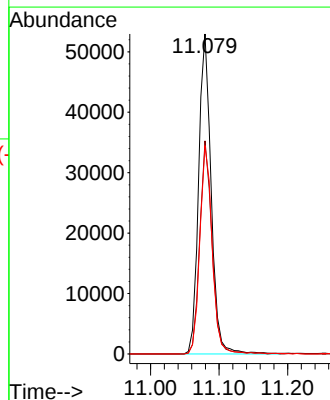
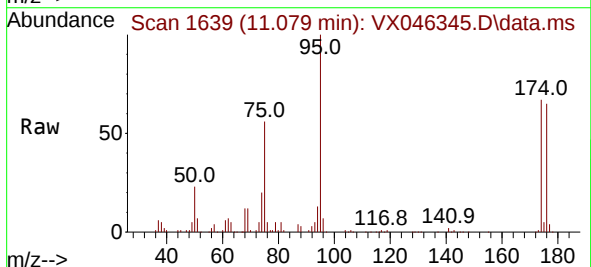
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BP-VPB-182-GW-480-482

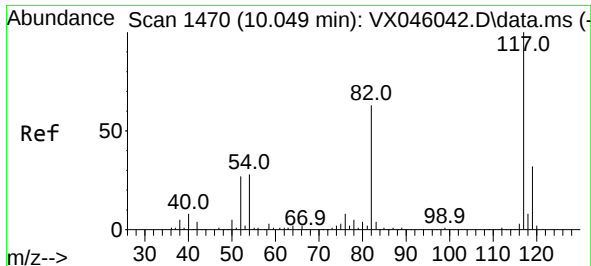
Tgt Ion: 43 Resp: 1009
Ion Ratio Lower Upper
43 100
58 166.6 28.9 43.3#



#62
4-Bromofluorobenzene
Concen: 51.666 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046345.D
Acq: 23 May 2025 15:16

Tgt Ion: 95 Resp: 67516
Ion Ratio Lower Upper
95 100
174 65.4 0.0 135.8
176 64.3 0.0 131.4

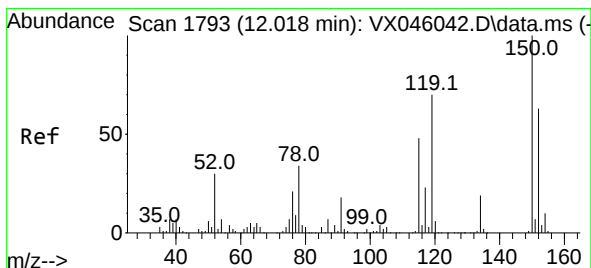
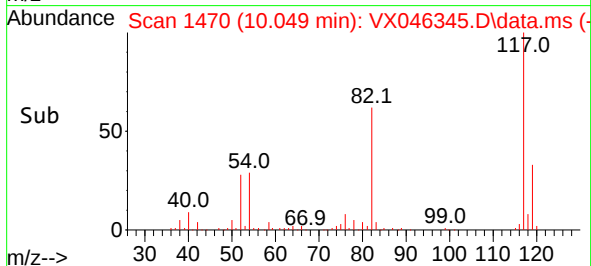
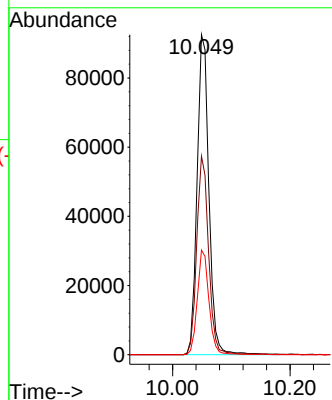
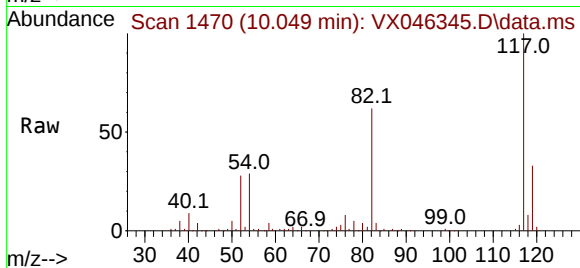




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046345.D
Acq: 23 May 2025 15:16

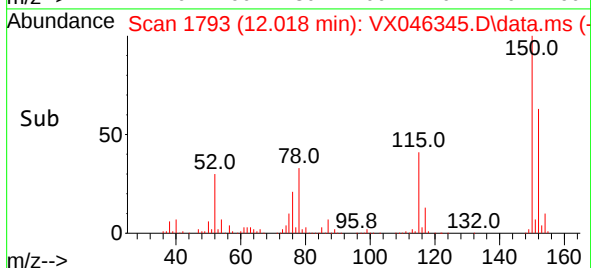
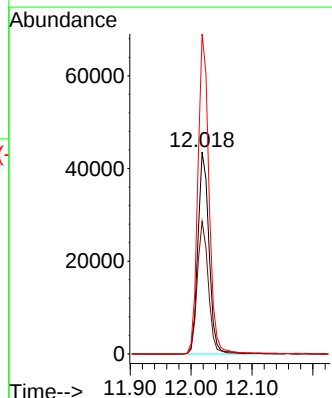
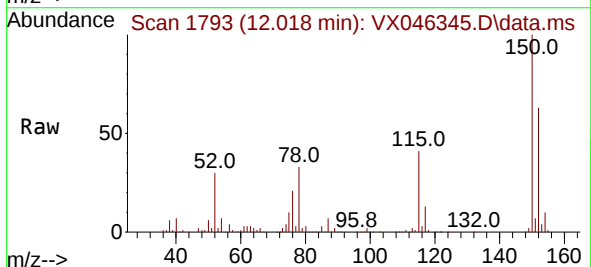
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-480-482

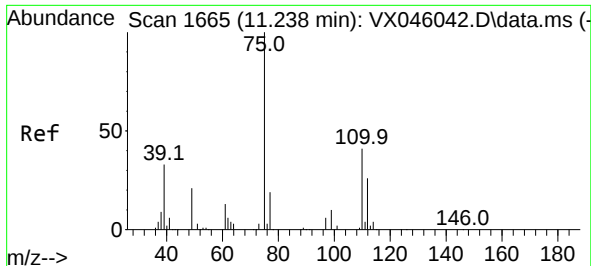
Tgt Ion:117 Resp: 129107
Ion Ratio Lower Upper
117 100
82 62.1 50.6 76.0
119 32.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX046345.D
Acq: 23 May 2025 15:16

Tgt Ion:152 Resp: 55196
Ion Ratio Lower Upper
152 100
115 65.2 46.9 140.7
150 158.9 0.0 351.0

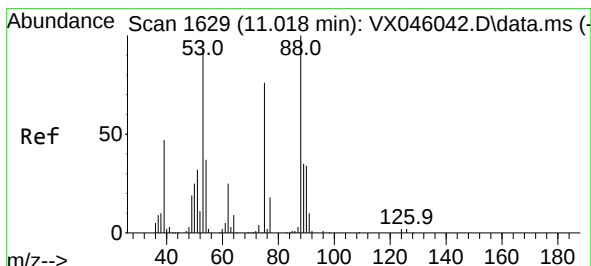
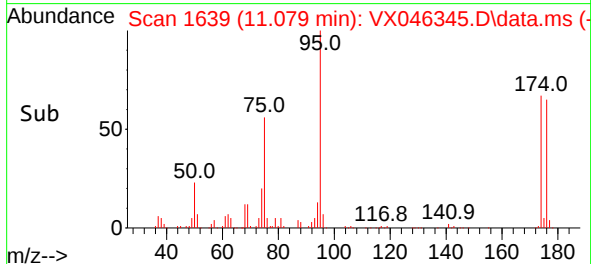
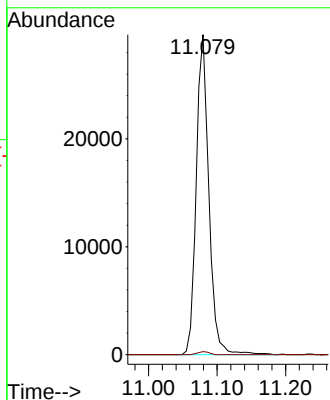
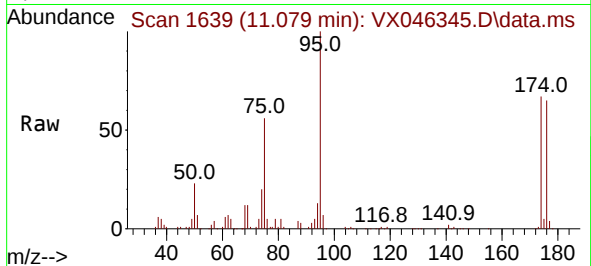




#76
1,2,3-Trichloropropane
Concen: 28.589 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX046345.D
Acq: 23 May 2025 15:16

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-480-482

Tgt Ion: 75 Resp: 37983
Ion Ratio Lower Upper
75 100
77 0.9 20.5 61.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.076 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX046345.D
Acq: 23 May 2025 15:16

Tgt Ion: 75 Resp: 37983
Ion Ratio Lower Upper
75 100
53 0.0 100.5 150.7#
89 0.0 37.0 55.6#

