

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046306.D
 Acq On : 21 May 2025 18:35
 Operator : JC/MD
 Sample : Q2082-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-400-402

Quant Time: May 22 01:53:52 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)

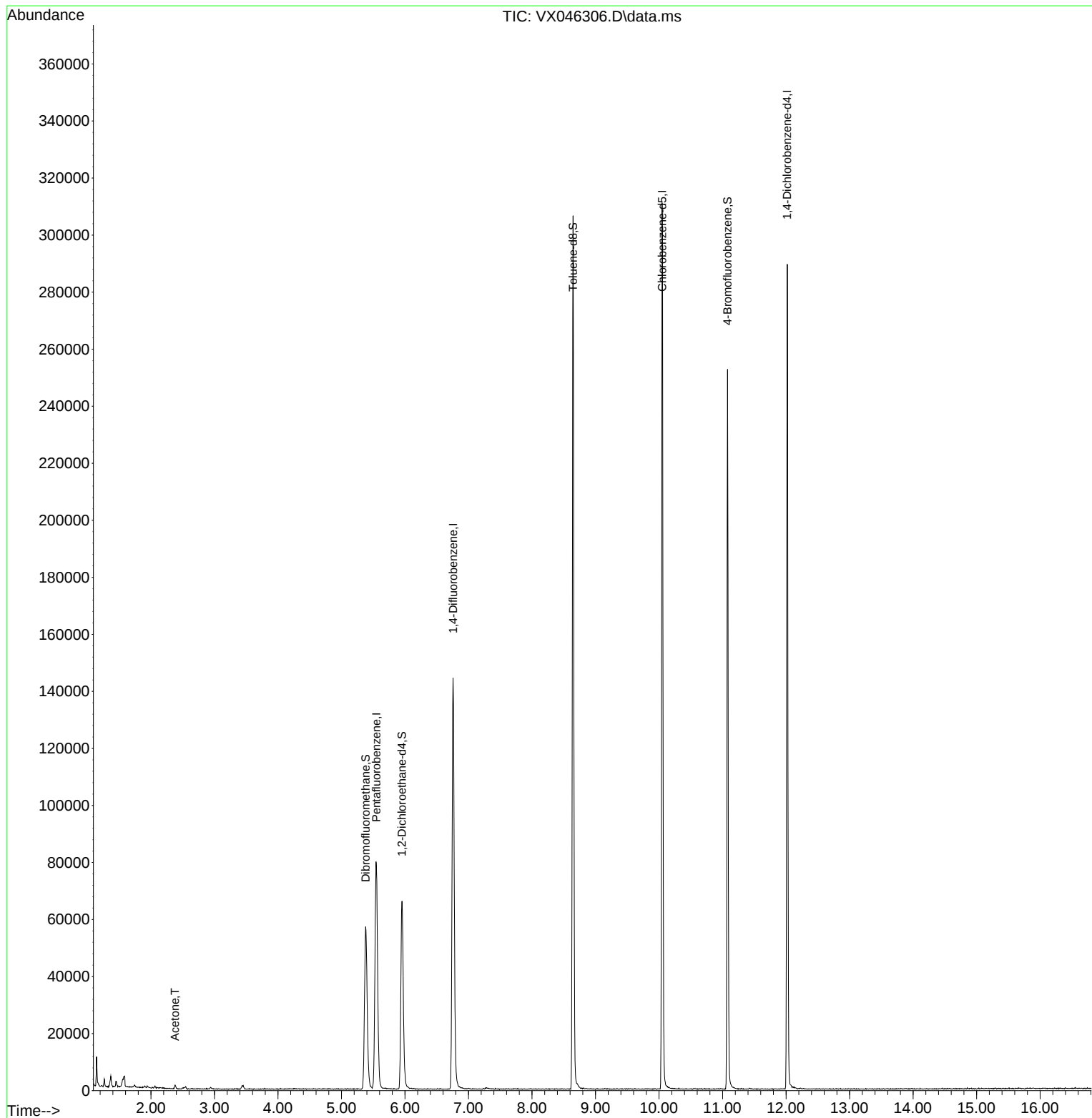
Internal Standards						
1) Pentafluorobenzene	5.550	168	68861	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	136083	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	68826	53.612	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.220%			
35) Dibromofluoromethane	5.379	113	49526	50.540	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.080%			
50) Toluene-d8	8.647	98	170460	50.258	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.520%			
62) 4-Bromofluorobenzene	11.079	95	64603	49.656	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 99.320%			
Target Compounds						
16) Acetone	2.380	43	1379	2.679	ug/l	95

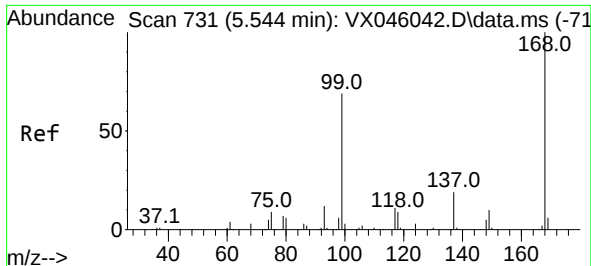
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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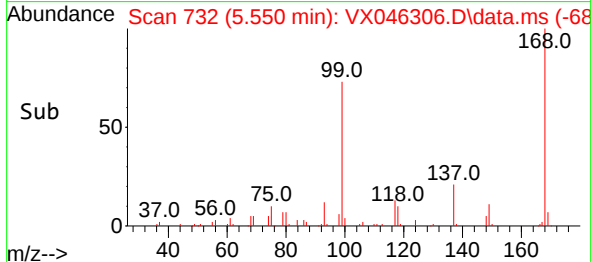
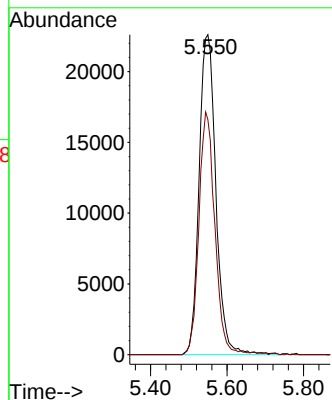
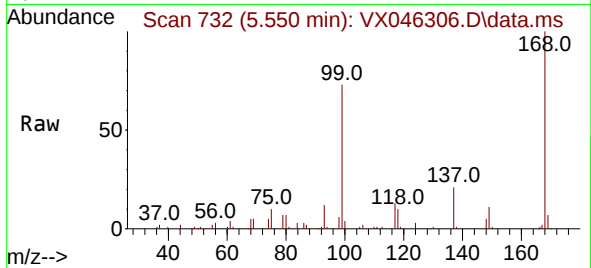




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046306.D
Acq: 21 May 2025 18:35

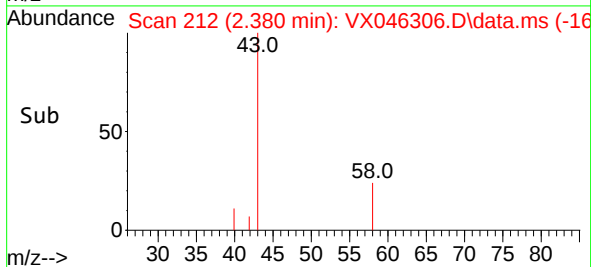
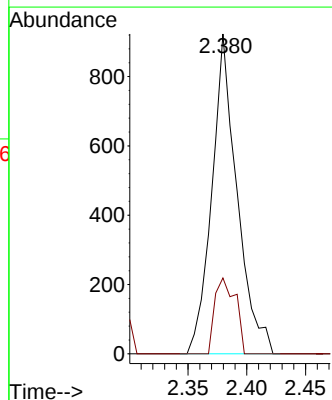
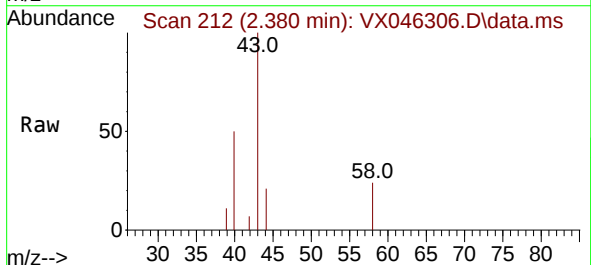
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402

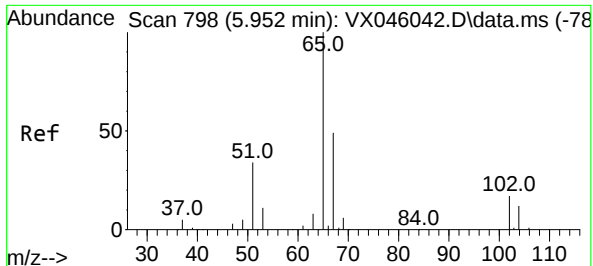
Tgt Ion:168 Resp: 68861
Ion Ratio Lower Upper
168 100
99 73.5 54.9 82.3



#16
Acetone
Concen: 2.679 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046306.D
Acq: 21 May 2025 18:35

Tgt Ion: 43 Resp: 1379
Ion Ratio Lower Upper
43 100
58 23.7 21.2 31.8





#33

1,2-Dichloroethane-d4

Concen: 53.612 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046306.D

Acq: 21 May 2025 18:35

Instrument :

MSVOA_X

ClientSampleId :

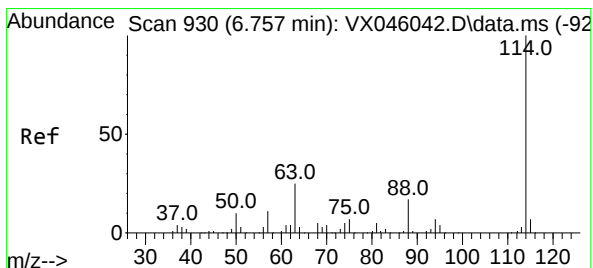
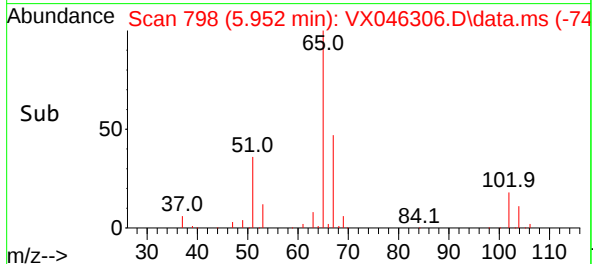
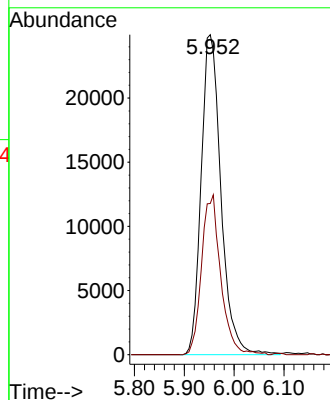
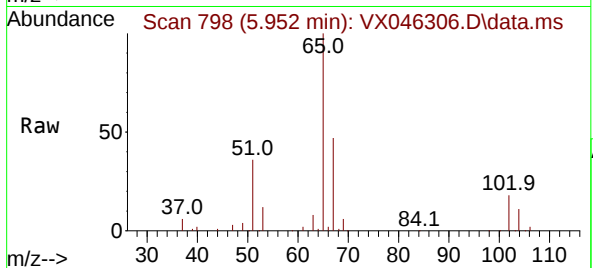
BP-VPB-182-GW-400-402

Tgt Ion: 65 Resp: 68826

Ion Ratio Lower Upper

65 100

67 48.4 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: VX046306.D

Acq: 21 May 2025 18:35

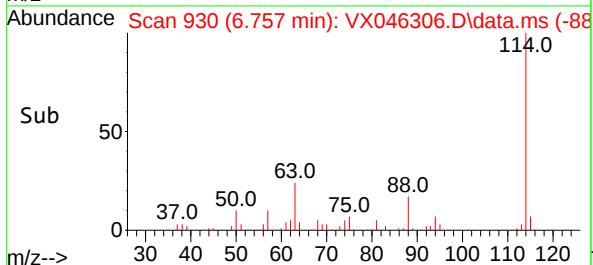
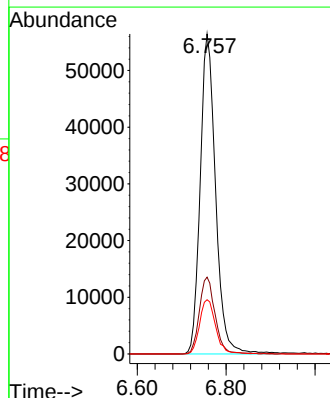
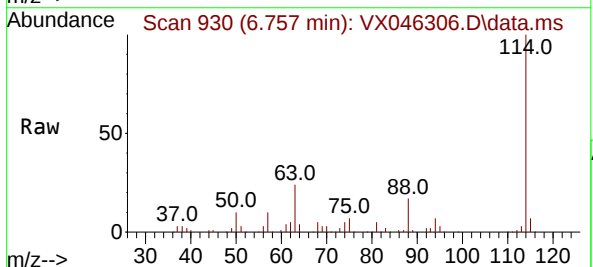
Tgt Ion: 114 Resp: 136083

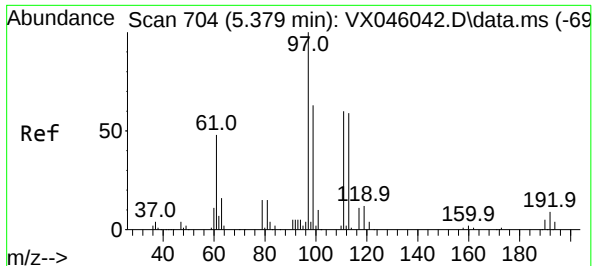
Ion Ratio Lower Upper

114 100

63 24.0 0.0 49.2

88 16.9 0.0 33.6

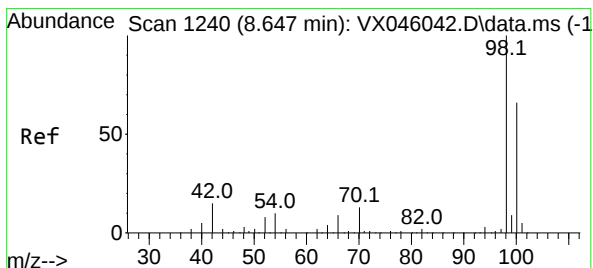
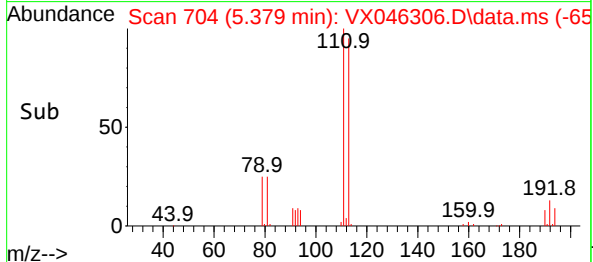
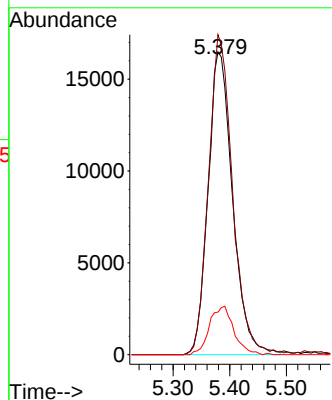
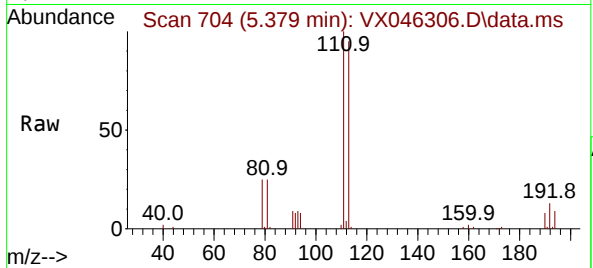




#35
Dibromofluoromethane
Concen: 50.540 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046306.D
Acq: 21 May 2025 18:35

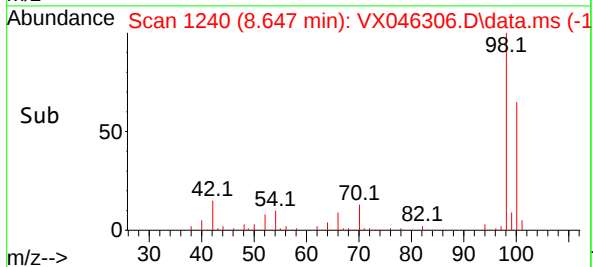
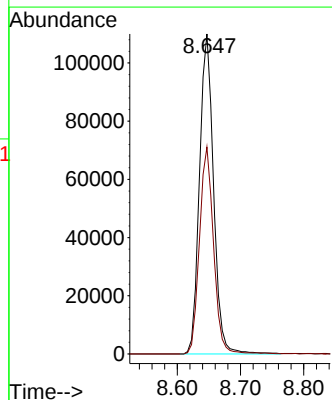
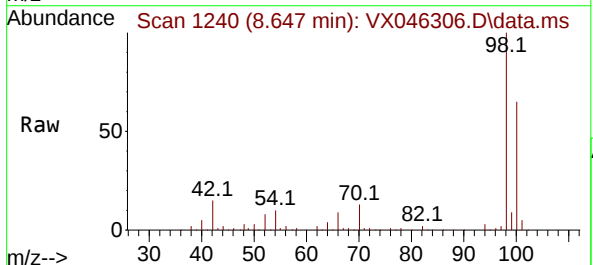
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-400-402

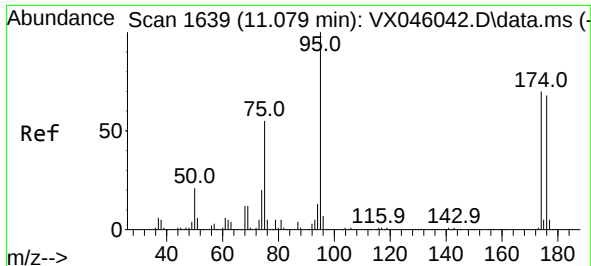
Tgt Ion:113 Resp: 49526
Ion Ratio Lower Upper
113 100
111 103.8 83.1 124.7
192 15.8 13.3 19.9



#50
Toluene-d8
Concen: 50.258 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046306.D
Acq: 21 May 2025 18:35

Tgt Ion: 98 Resp: 170460
Ion Ratio Lower Upper
98 100
100 65.0 53.5 80.3





#62

4-Bromofluorobenzene

Concen: 49.656 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046306.D

Acq: 21 May 2025 18:35

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-400-402

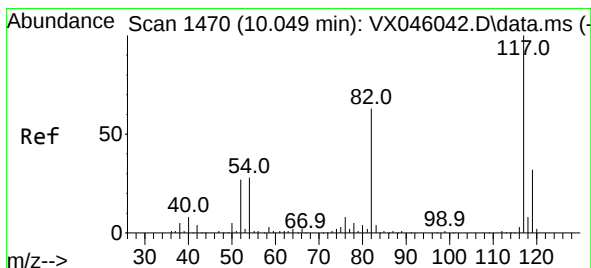
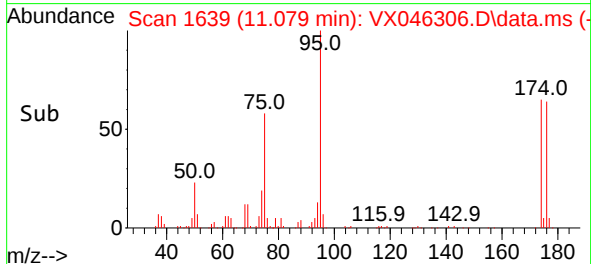
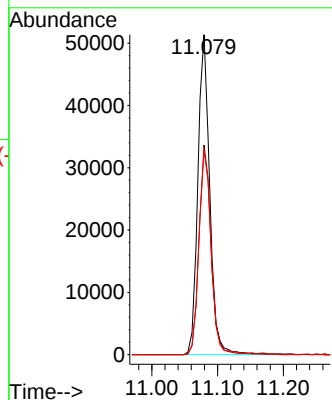
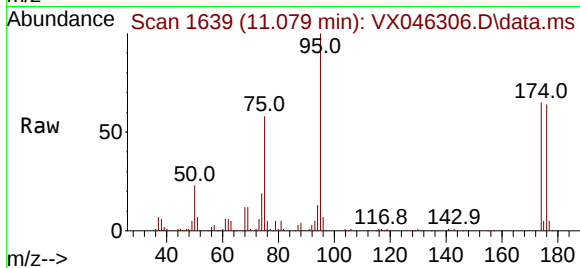
Tgt Ion: 95 Resp: 64603

Ion Ratio Lower Upper

95 100

174 66.6 0.0 135.8

176 65.6 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: VX046306.D

Acq: 21 May 2025 18:35

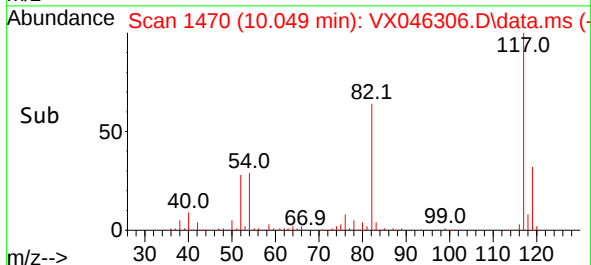
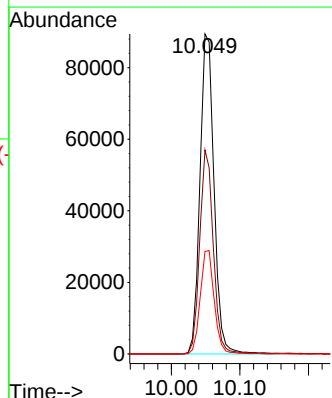
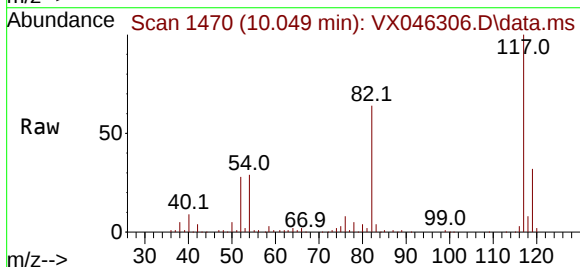
Tgt Ion: 117 Resp: 127972

Ion Ratio Lower Upper

117 100

82 63.8 50.6 76.0

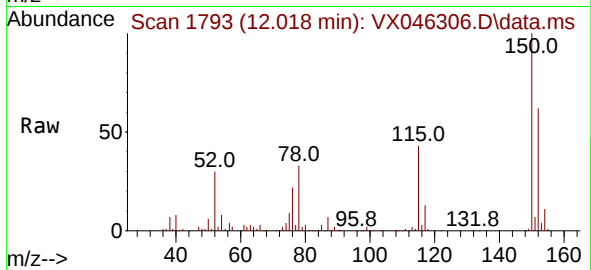
119 32.0 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046306.D
 Acq: 21 May 2025 18:35

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-400-402



Tgt Ion:152 Resp: 53505
 Ion Ratio Lower Upper
 152 100
 115 65.8 46.9 140.7
 150 157.5 0.0 351.0

