

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046348.D
 Acq On : 23 May 2025 16:26
 Operator : JC/MD
 Sample : Q2118-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-560-562

Quant Time: May 23 23:04:24 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)

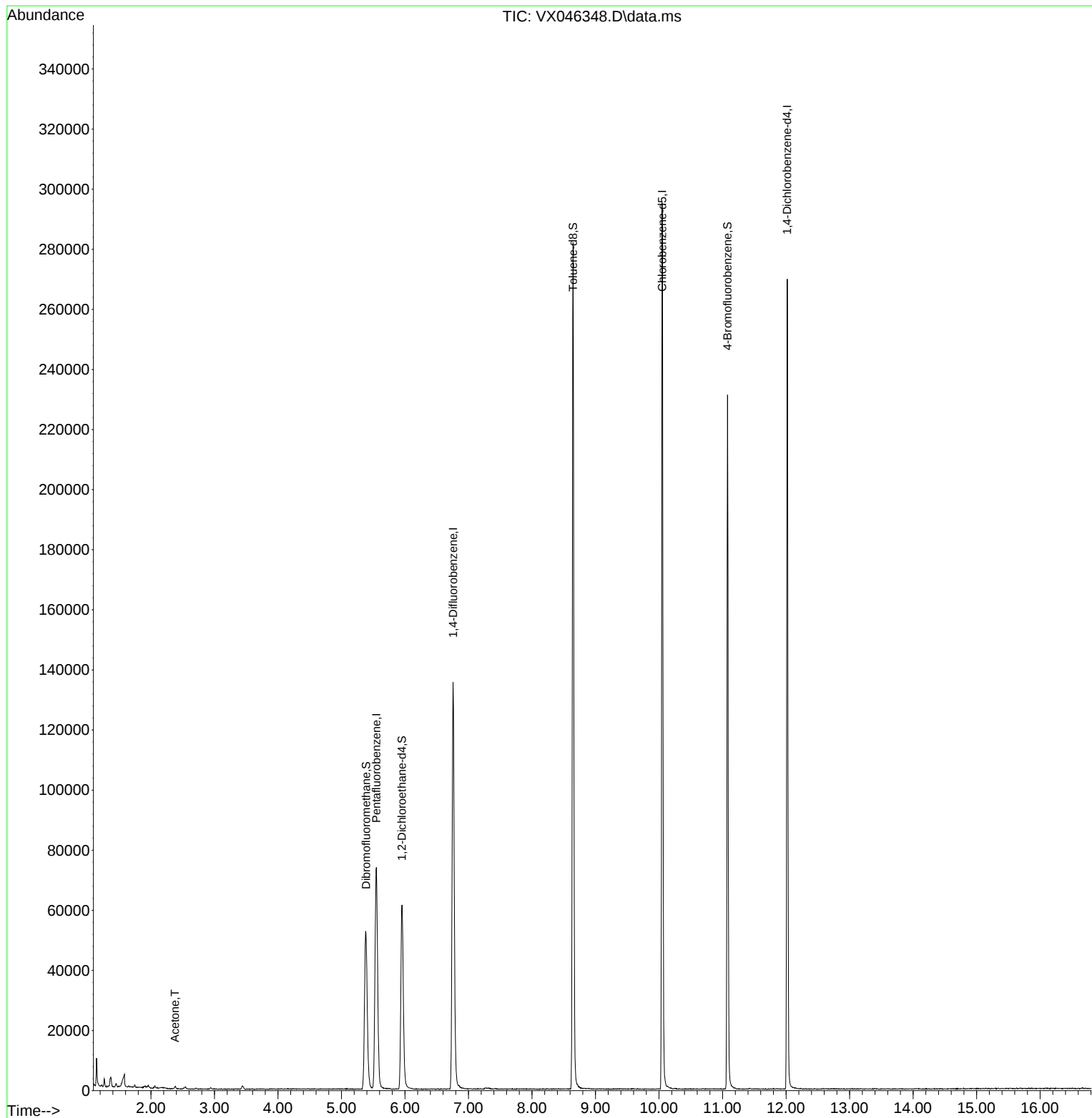
Internal Standards						
1) Pentafluorobenzene	5.550	168	63741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127709	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	49123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64419	54.209	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.420%	
35) Dibromofluoromethane	5.385	113	46552	50.620	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.240%	
50) Toluene-d8	8.647	98	159958	50.254	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.500%	
62) 4-Bromofluorobenzene	11.079	95	60597	49.631	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 99.260%	
Target Compounds						Qvalue
16) Acetone	2.380	43	906	1.901	ug/l	96

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

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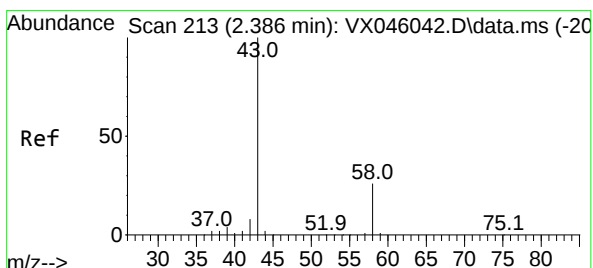
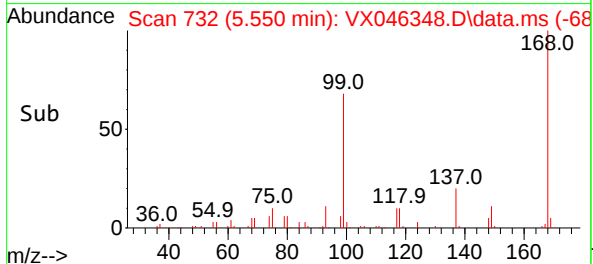
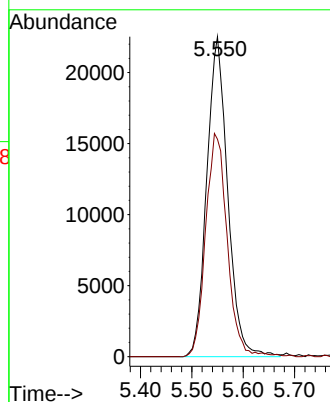
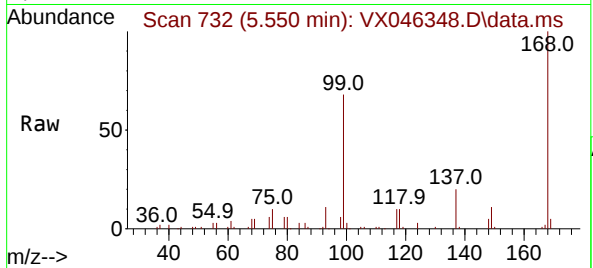




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046348.D
Acq: 23 May 2025 16:26

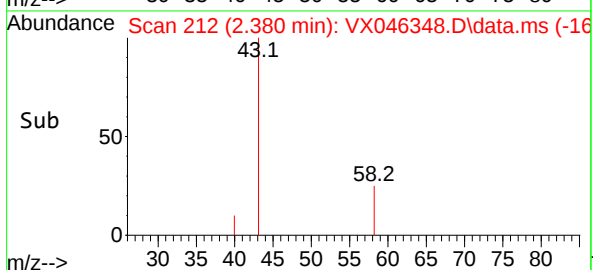
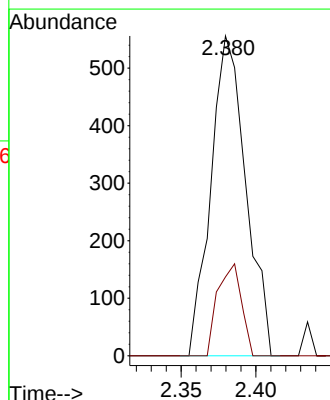
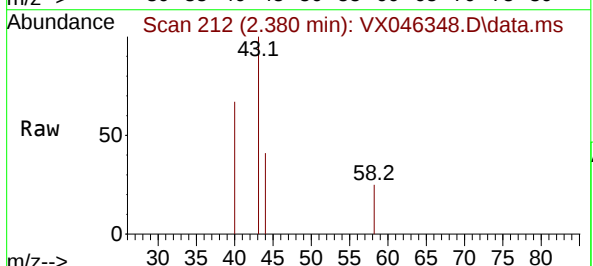
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-560-562

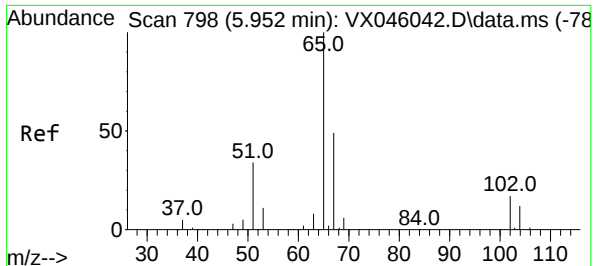
Tgt Ion:168 Resp: 63741
Ion Ratio Lower Upper
168 100
99 67.9 54.9 82.3



#16
Acetone
Concen: 1.901 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046348.D
Acq: 23 May 2025 16:26

Tgt Ion: 43 Resp: 906
Ion Ratio Lower Upper
43 100
58 24.6 21.2 31.8





#33

1,2-Dichloroethane-d4

Concen: 54.209 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046348.D

Acq: 23 May 2025 16:26

Instrument :

MSVOA_X

ClientSampleId :

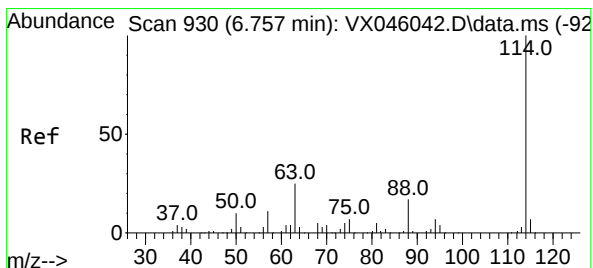
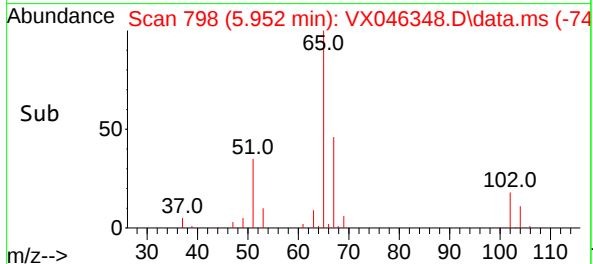
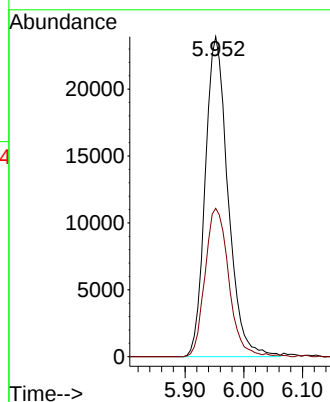
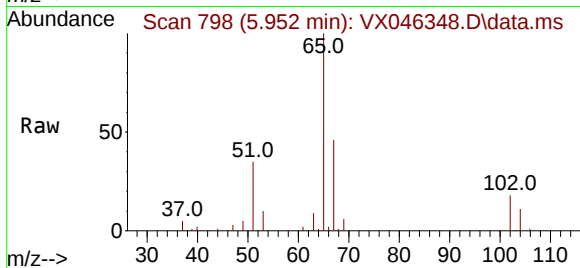
BP-VPB-182-GW-560-562

Tgt Ion: 65 Resp: 64419

Ion Ratio Lower Upper

65 100

67 48.2 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: VX046348.D

Acq: 23 May 2025 16:26

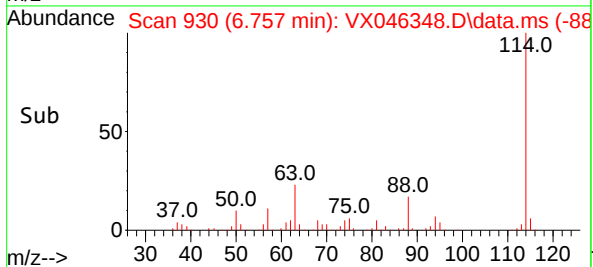
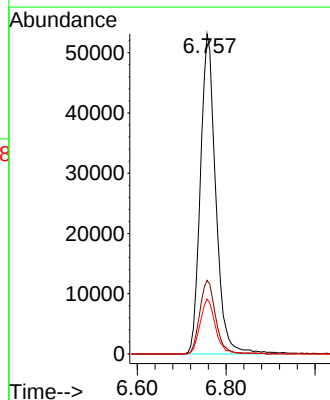
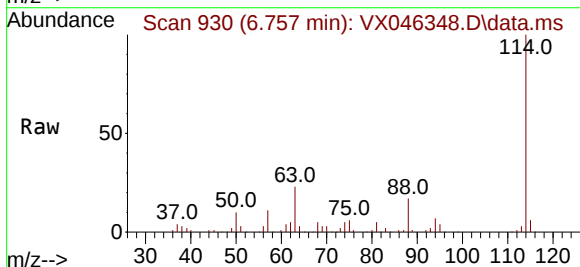
Tgt Ion: 114 Resp: 127709

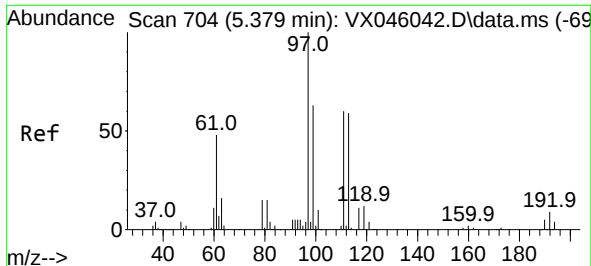
Ion Ratio Lower Upper

114 100

63 23.0 0.0 49.2

88 17.1 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.620 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX046348.D

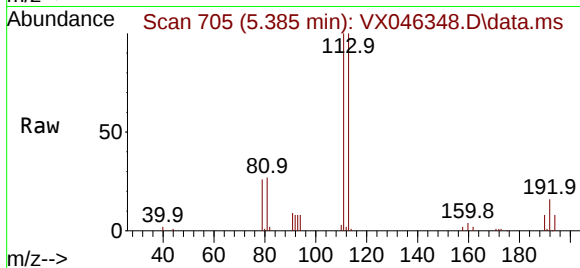
Acq: 23 May 2025 16:26

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-560-562



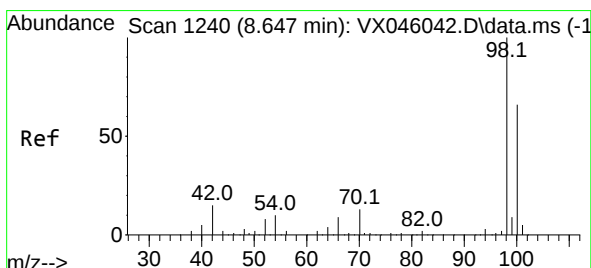
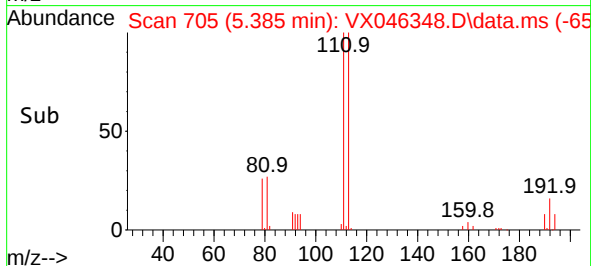
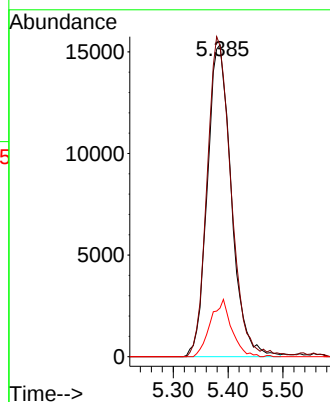
Tgt Ion:113 Resp: 46552

Ion Ratio Lower Upper

113 100

111 102.8 83.1 124.7

192 16.2 13.3 19.9



#50

Toluene-d8

Concen: 50.254 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX046348.D

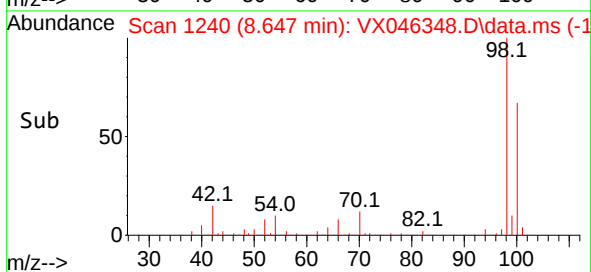
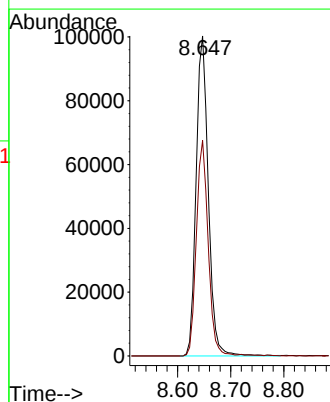
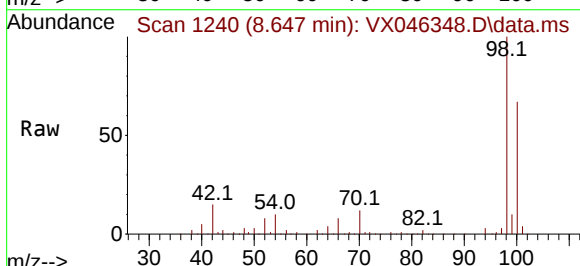
Acq: 23 May 2025 16:26

Tgt Ion: 98 Resp: 159958

Ion Ratio Lower Upper

98 100

100 65.3 53.5 80.3





#62

4-Bromofluorobenzene

Concen: 49.631 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX046348.D

Acq: 23 May 2025 16:26

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-560-562

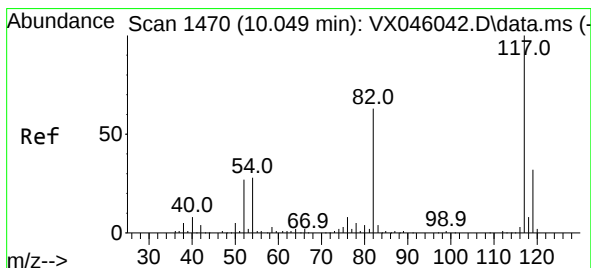
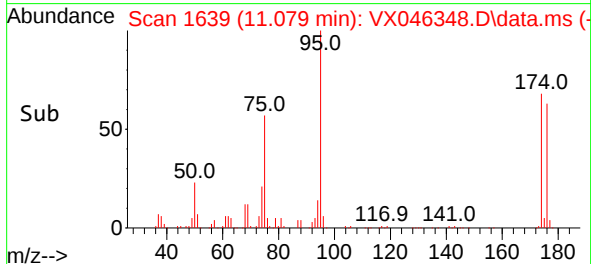
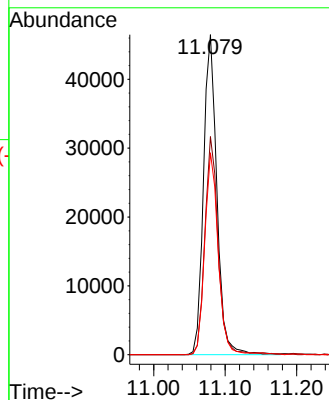
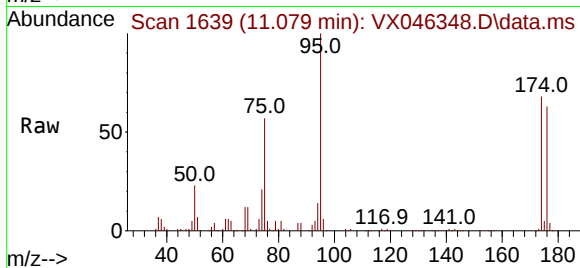
Tgt Ion: 95 Resp: 60597

Ion Ratio Lower Upper

95 100

174 67.2 0.0 135.8

176 63.7 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: VX046348.D

Acq: 23 May 2025 16:26

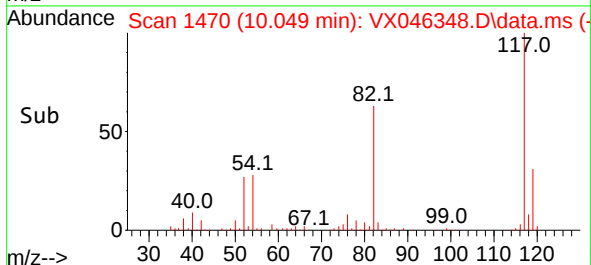
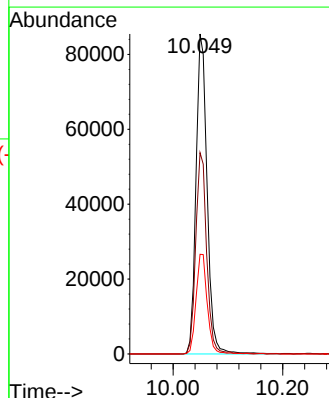
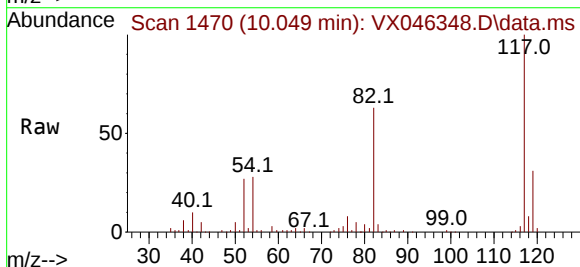
Tgt Ion: 117 Resp: 120561

Ion Ratio Lower Upper

117 100

82 62.9 50.6 76.0

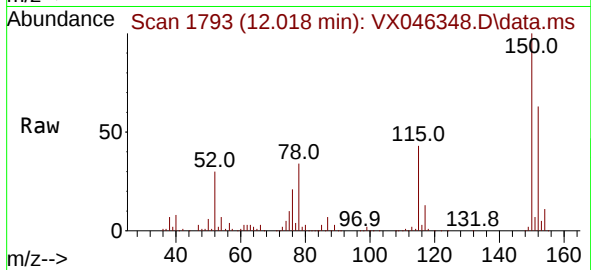
119 31.1 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046348.D
 Acq: 23 May 2025 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-560-562



Tgt Ion:152 Resp: 49123
 Ion Ratio Lower Upper
 152 100
 115 65.6 46.9 140.7
 150 159.2 0.0 351.0

