

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046299.D
 Acq On : 21 May 2025 15:52
 Operator : JC/MD
 Sample : Q2082-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-320-322

Quant Time: May 22 01:51:11 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)

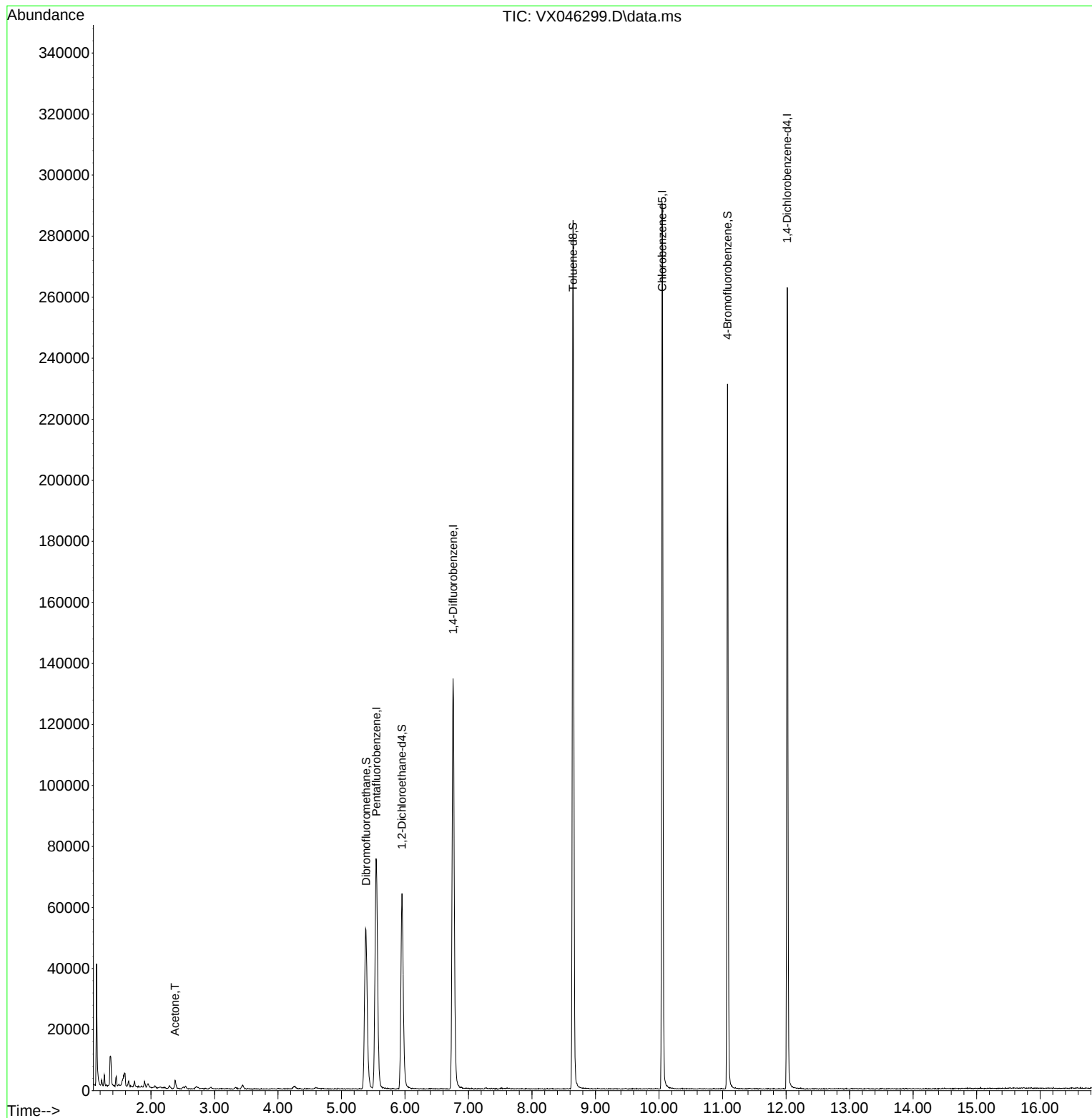
Internal Standards						
1) Pentafluorobenzene	5.550	168	64755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	127417	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	119598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64288	53.252	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.500%	
35) Dibromofluoromethane	5.385	113	46793	50.998	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.000%	
50) Toluene-d8	8.647	98	162006	51.014	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.020%	
62) 4-Bromofluorobenzene	11.079	95	60984	50.062	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.120%	
Target Compounds						
16) Acetone	2.380	43	3079	6.361	ug/l	Qvalue 97

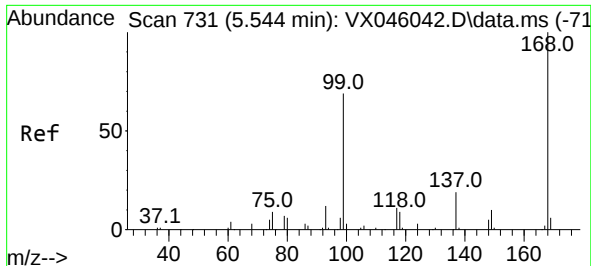
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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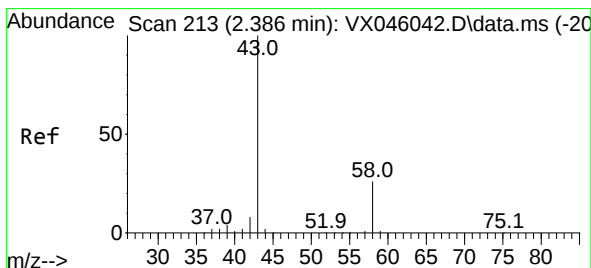
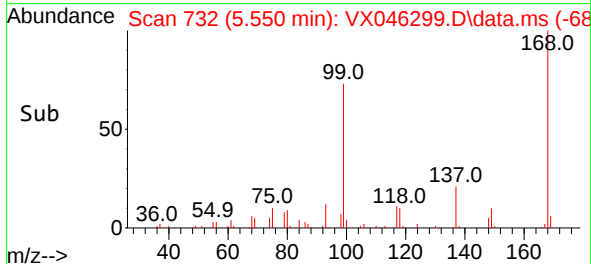
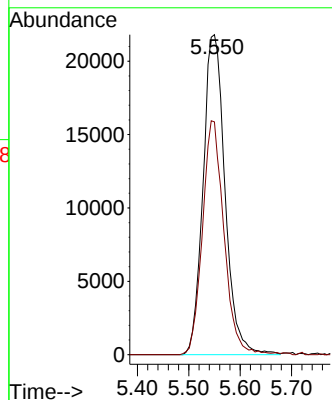
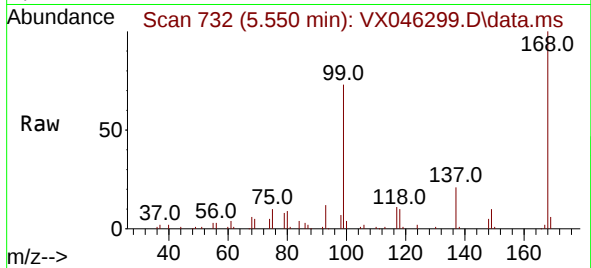




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046299.D
Acq: 21 May 2025 15:52

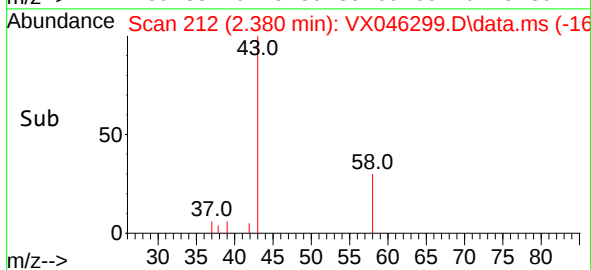
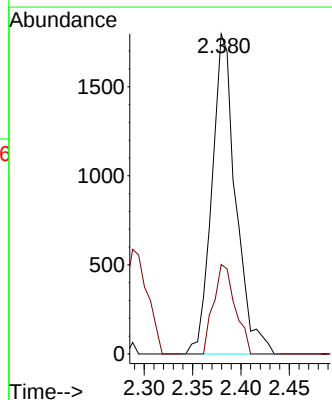
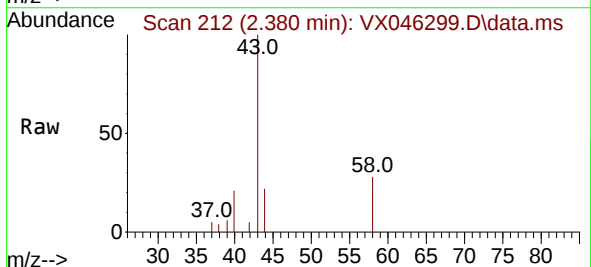
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-320-322

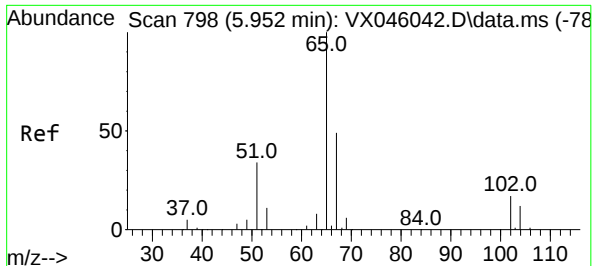
Tgt Ion:168 Resp: 64755
Ion Ratio Lower Upper
168 100
99 72.8 54.9 82.3



#16
Acetone
Concen: 6.361 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046299.D
Acq: 21 May 2025 15:52

Tgt Ion: 43 Resp: 3079
Ion Ratio Lower Upper
43 100
58 28.0 21.2 31.8

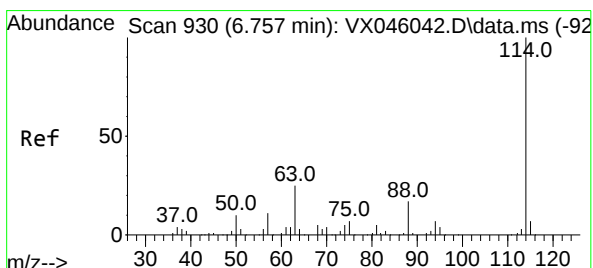
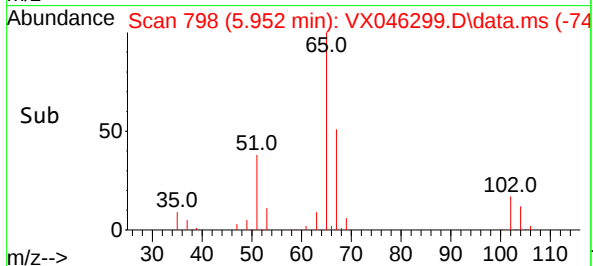
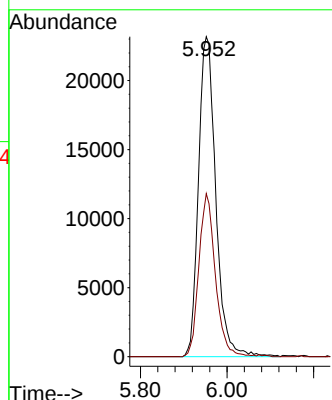
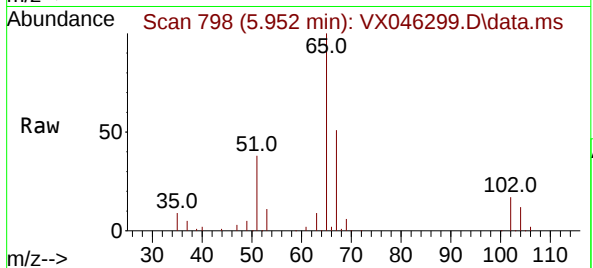




#33
 1,2-Dichloroethane-d4
 Concen: 53.252 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046299.D
 Acq: 21 May 2025 15:52

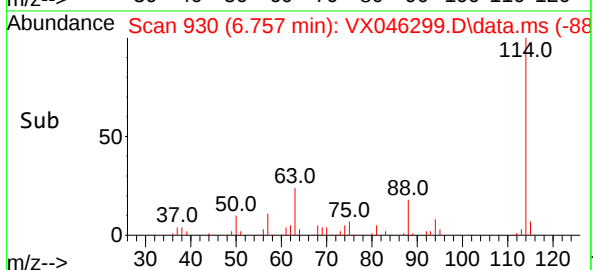
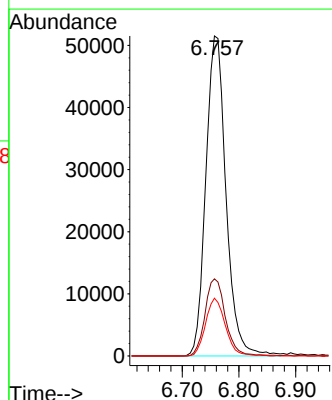
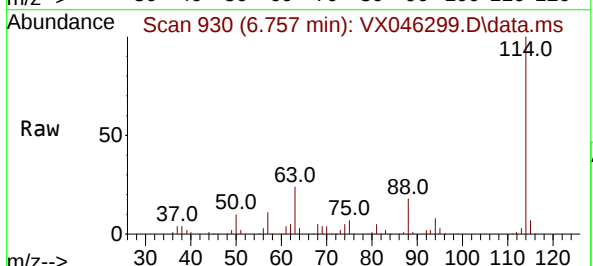
Instrument :
 MSVOA_X
 ClientSampleId :
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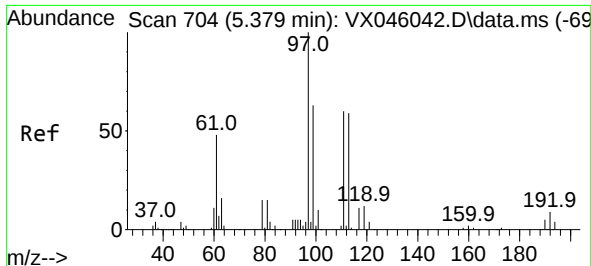
Tgt Ion: 65 Resp: 64288
 Ion Ratio Lower Upper
 65 100
 67 48.7 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.000 min
 Lab File: VX046299.D
 Acq: 21 May 2025 15:52

Tgt Ion: 114 Resp: 127417
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 49.2
 88 18.1 0.0 33.6

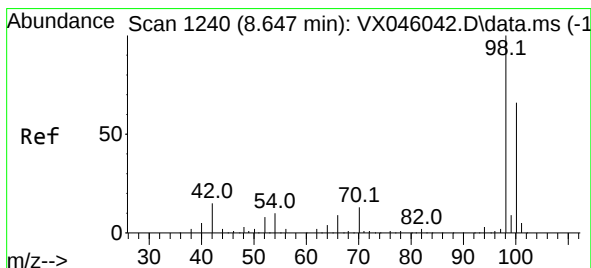
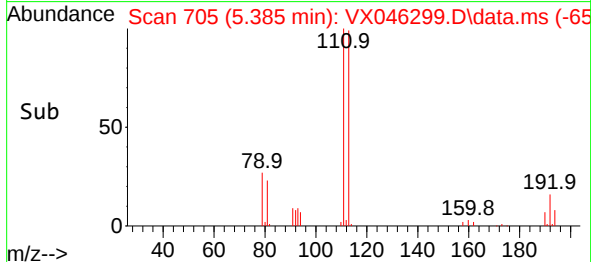
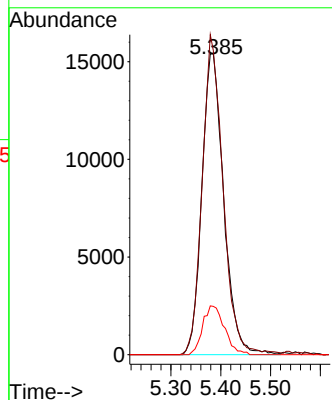
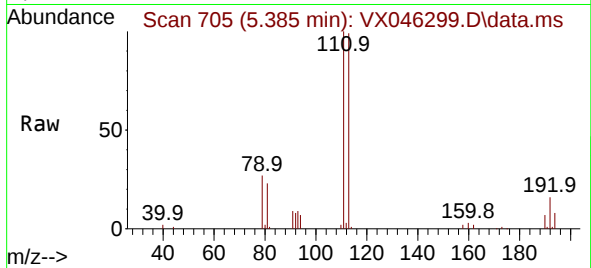




#35
Dibromofluoromethane
Concen: 50.998 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046299.D
Acq: 21 May 2025 15:52

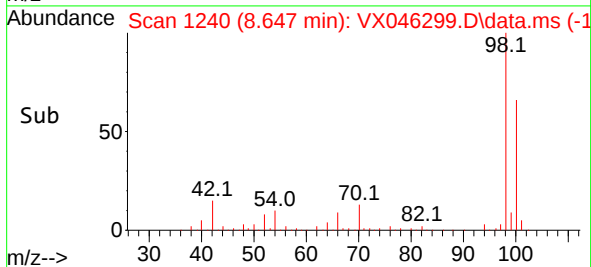
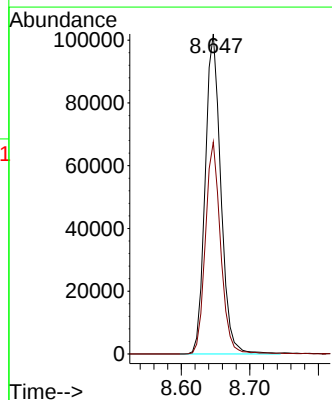
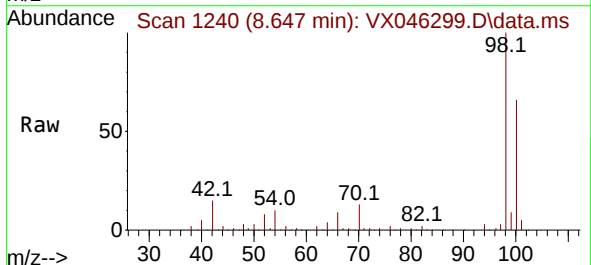
Instrument :
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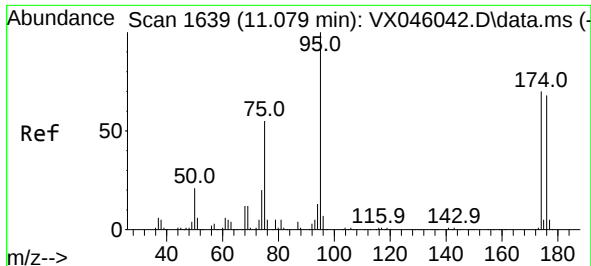
Tgt Ion:113 Resp: 46793
Ion Ratio Lower Upper
113 100
111 100.8 83.1 124.7
192 16.2 13.3 19.9



#50
Toluene-d8
Concen: 51.014 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046299.D
Acq: 21 May 2025 15:52

Tgt Ion: 98 Resp: 162006
Ion Ratio Lower Upper
98 100
100 64.5 53.5 80.3





#62

4-Bromofluorobenzene

Concen: 50.062 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046299.D

Acq: 21 May 2025 15:52

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-320-322

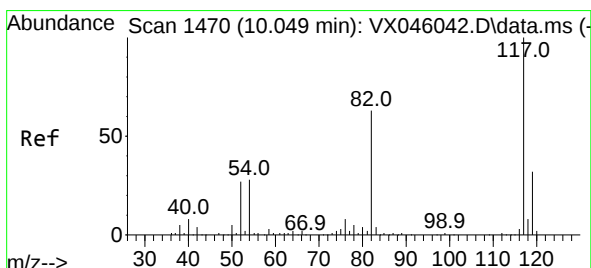
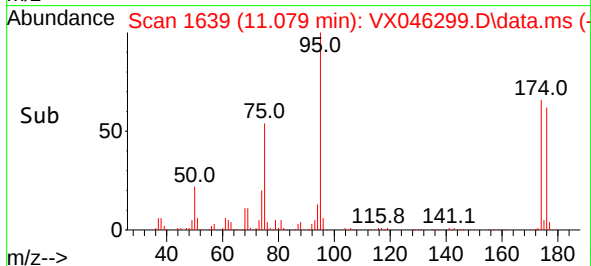
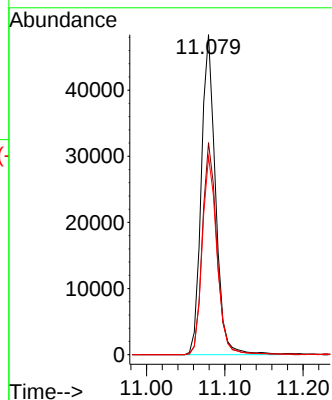
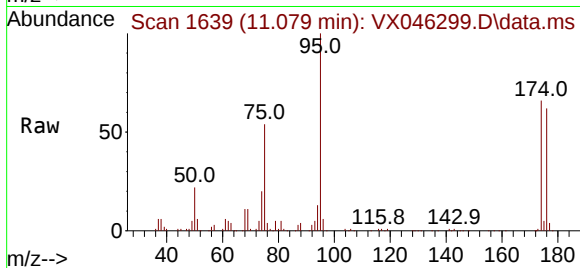
Tgt Ion: 95 Resp: 60984

Ion Ratio Lower Upper

95 100

174 67.6 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: VX046299.D

Acq: 21 May 2025 15:52

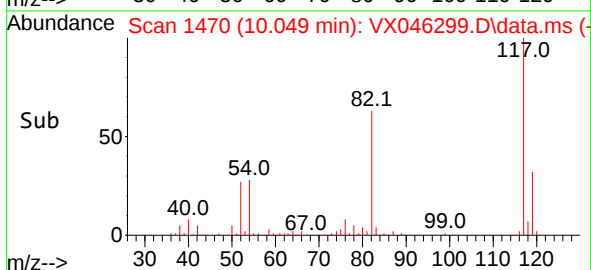
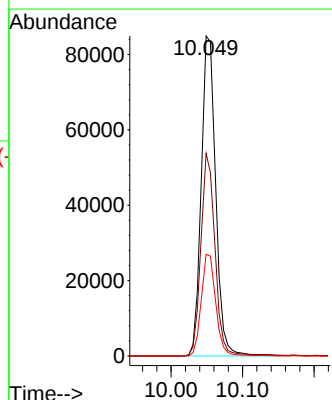
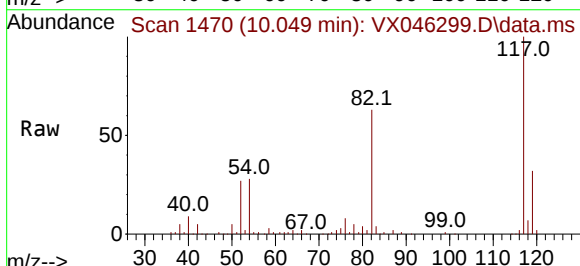
Tgt Ion: 117 Resp: 119598

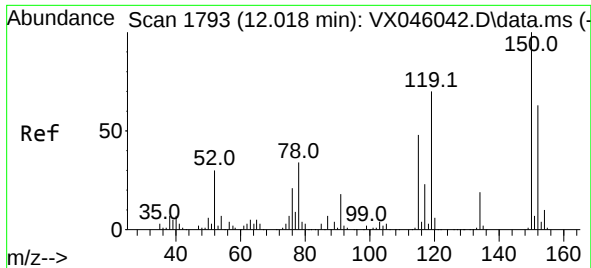
Ion Ratio Lower Upper

117 100

82 63.3 50.6 76.0

119 31.7 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: VX046299.D

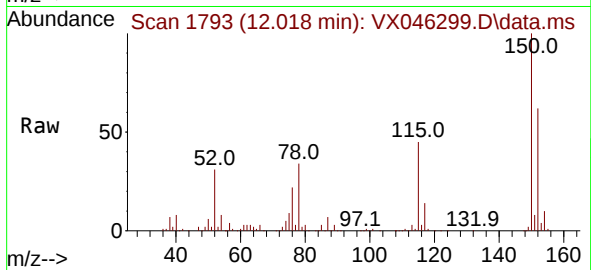
Acq: 21 May 2025 15:52

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-320-322



Tgt Ion:152 Resp: 48477

Ion Ratio Lower Upper

152 100

115 66.8 46.9 140.7

150 159.1 0.0 351.0

