

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
 Data File : VX046214.D
 Acq On : 15 May 2025 15:21
 Operator : JC/MD
 Sample : Q2050-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-220-222

Quant Time: May 16 01:06:57 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)

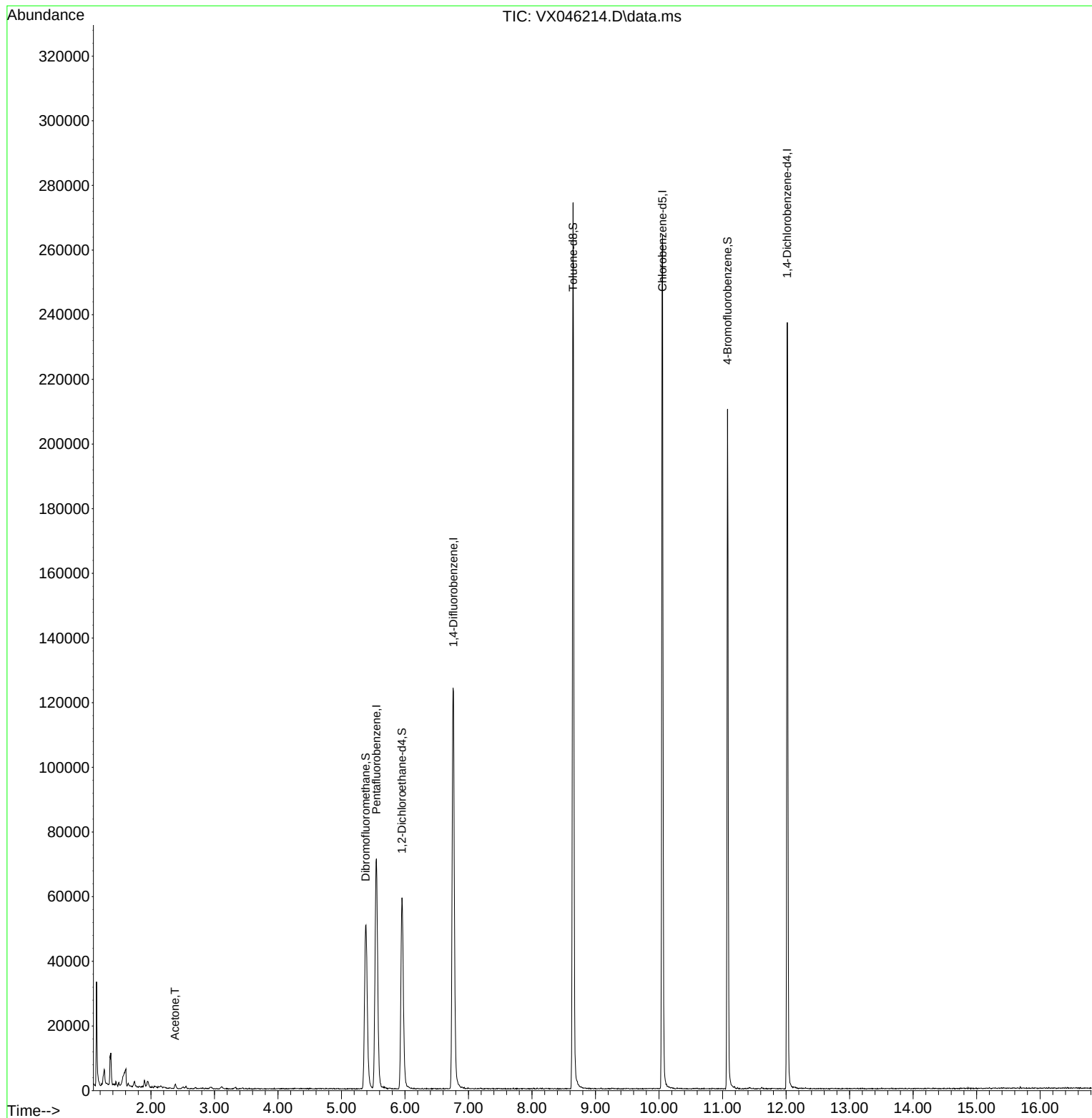
Internal Standards						
1) Pentafluorobenzene	5.550	168	60707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	121001	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	112446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	44995	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61824	54.626	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.260%		
35) Dibromofluoromethane	5.379	113	45003	51.648	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.300%		
50) Toluene-d8	8.647	98	153201	50.799	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.600%		
62) 4-Bromofluorobenzene	11.079	95	55967	48.380	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 96.760%		
Target Compounds						
16) Acetone	2.380	43	1461	3.220	ug/l	Qvalue # 83

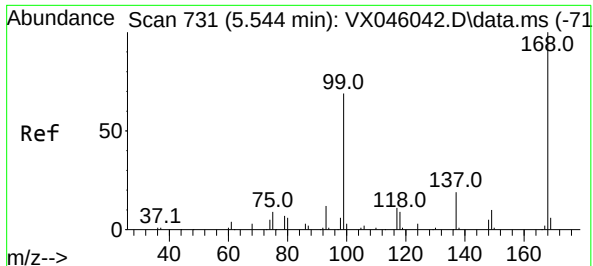
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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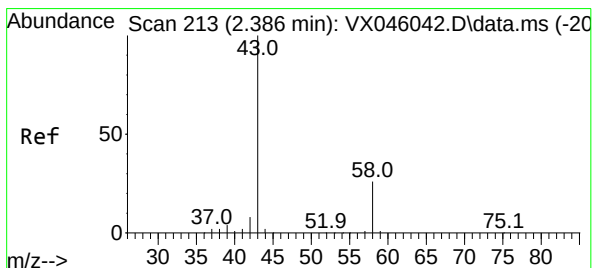
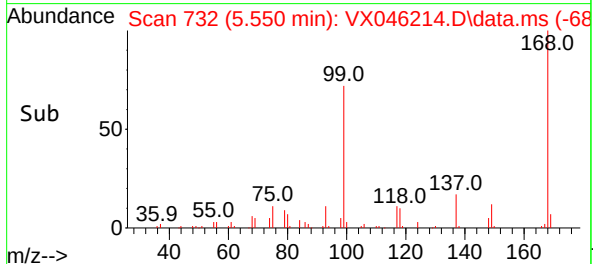
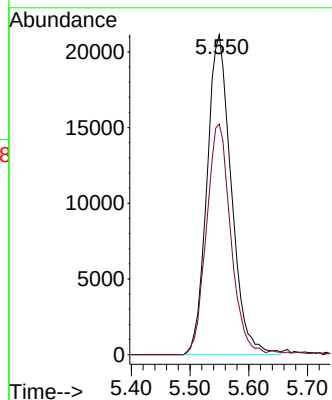
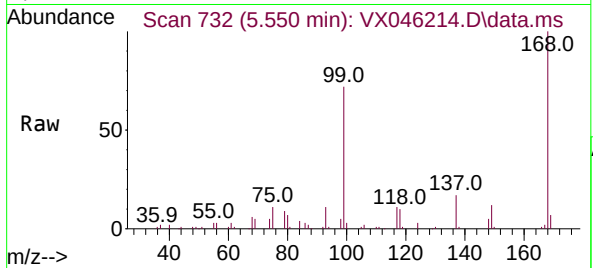




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046214.D
Acq: 15 May 2025 15:21

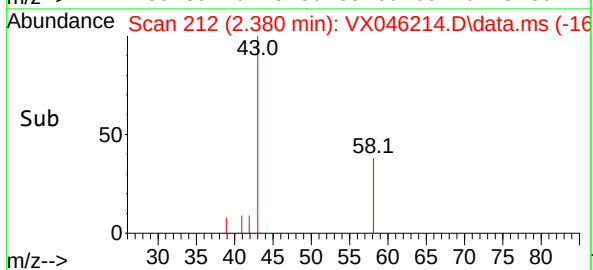
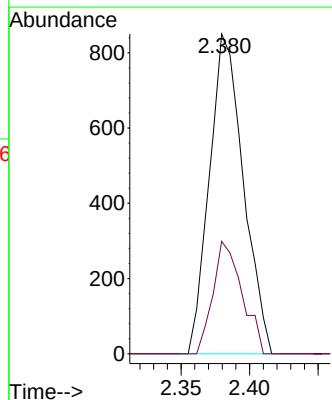
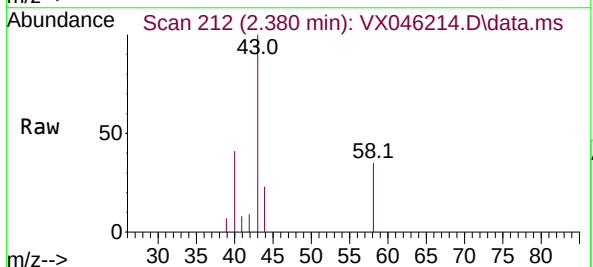
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-220-222

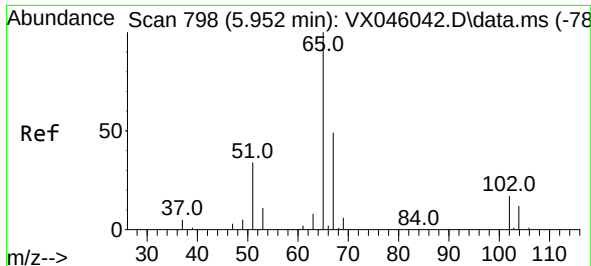
Tgt Ion:168 Resp: 60707
Ion Ratio Lower Upper
168 100
99 72.1 54.9 82.3



#16
Acetone
Concen: 3.220 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046214.D
Acq: 15 May 2025 15:21

Tgt Ion: 43 Resp: 1461
Ion Ratio Lower Upper
43 100
58 35.2 21.2 31.8#





#33

1,2-Dichloroethane-d4

Concen: 54.626 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX046214.D

Acq: 15 May 2025 15:21

Instrument :

MSVOA_X

ClientSampleId :

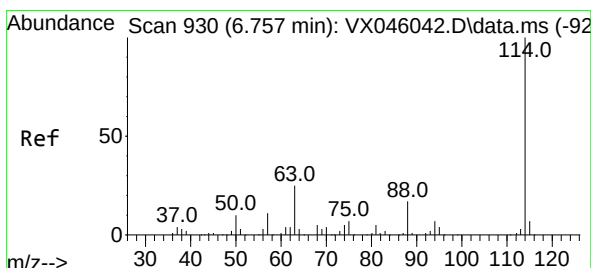
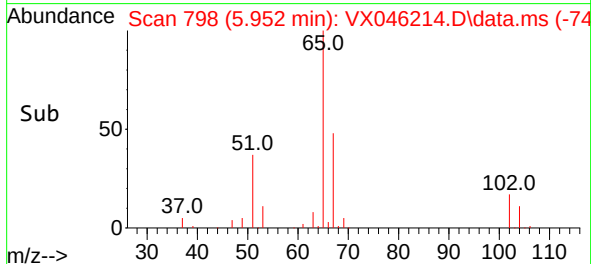
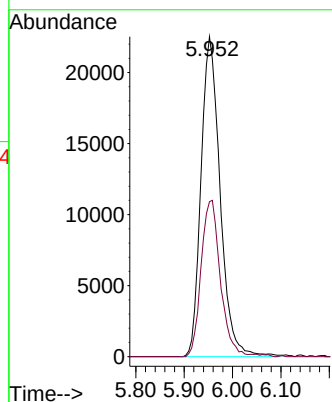
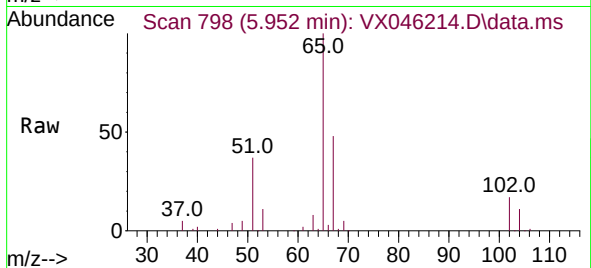
BP-VPB-182-GW-220-222

Tgt Ion: 65 Resp: 61824

Ion Ratio Lower Upper

65 100

67 49.0 0.0 99.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX046214.D

Acq: 15 May 2025 15:21

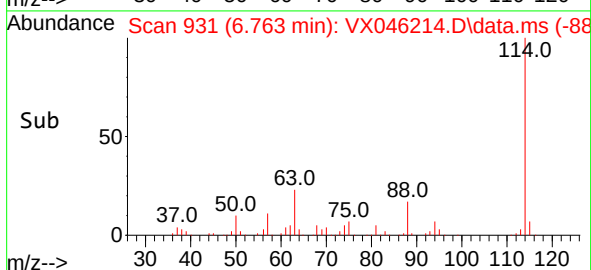
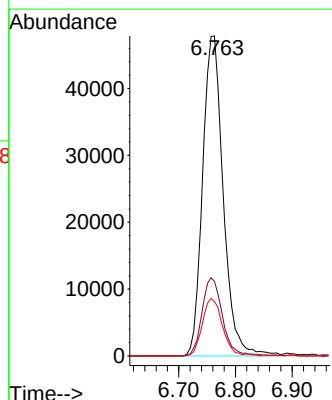
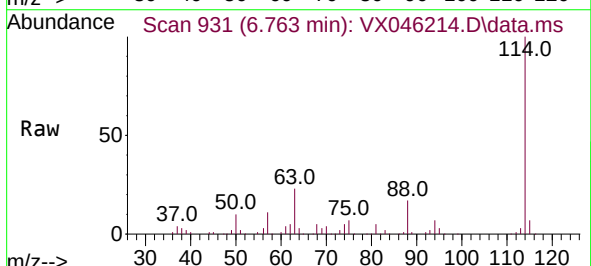
Tgt Ion: 114 Resp: 121001

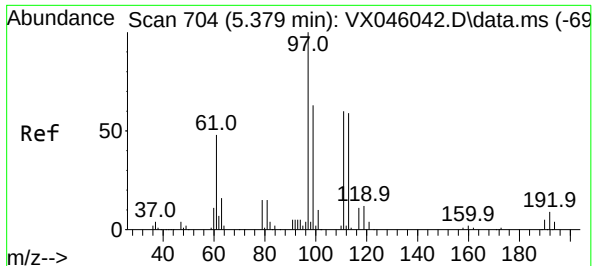
Ion Ratio Lower Upper

114 100

63 23.4 0.0 49.2

88 16.9 0.0 33.6

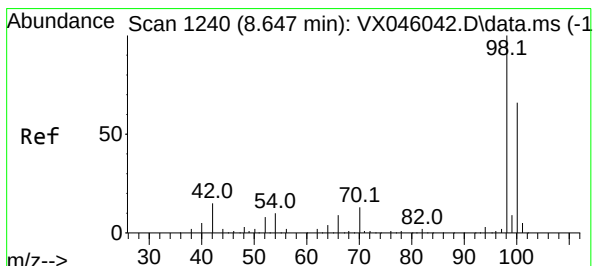
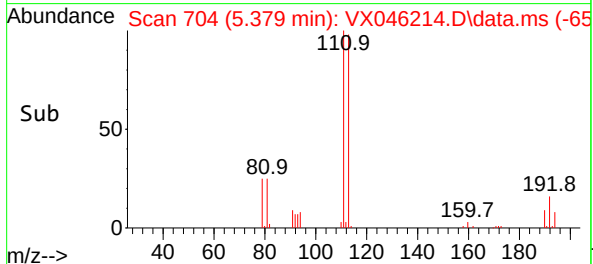
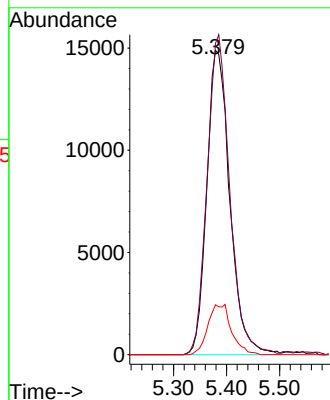
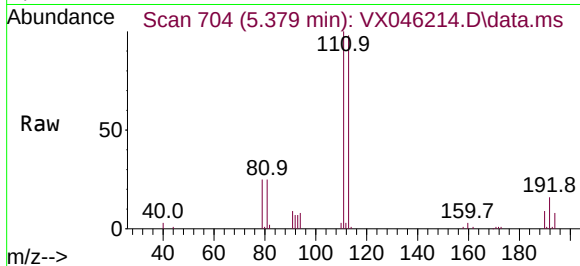




#35
Dibromofluoromethane
Concen: 51.648 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046214.D
Acq: 15 May 2025 15:21

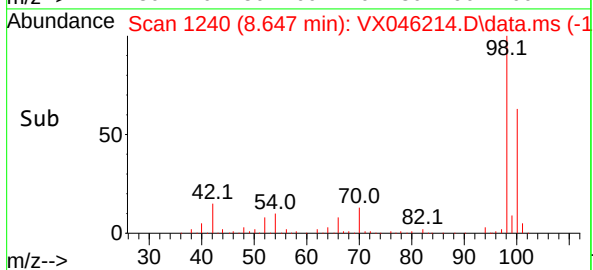
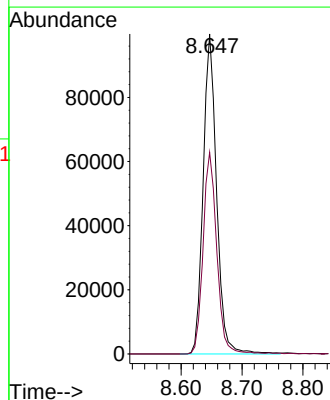
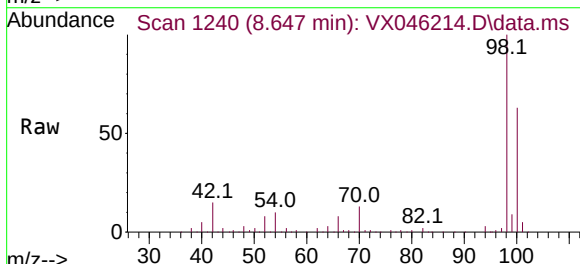
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-182-GW-220-222

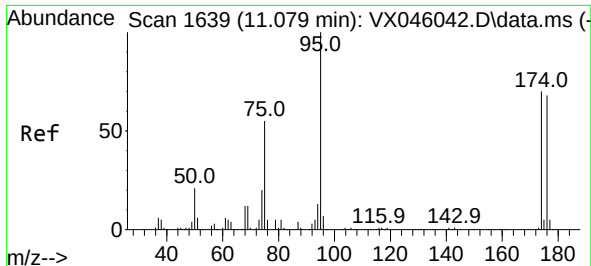
Tgt Ion:113 Resp: 45003
Ion Ratio Lower Upper
113 100
111 103.4 83.1 124.7
192 16.8 13.3 19.9



#50
Toluene-d8
Concen: 50.799 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX046214.D
Acq: 15 May 2025 15:21

Tgt Ion: 98 Resp: 153201
Ion Ratio Lower Upper
98 100
100 64.1 53.5 80.3





#62

4-Bromofluorobenzene

Concen: 48.380 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX046214.D

Acq: 15 May 2025 15:21

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-182-GW-220-222

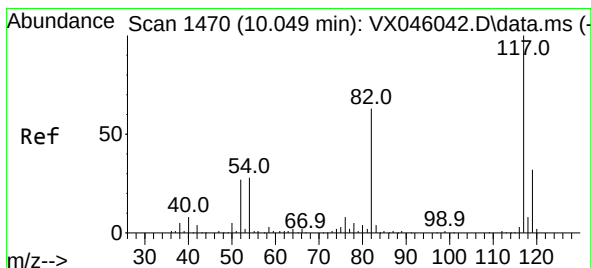
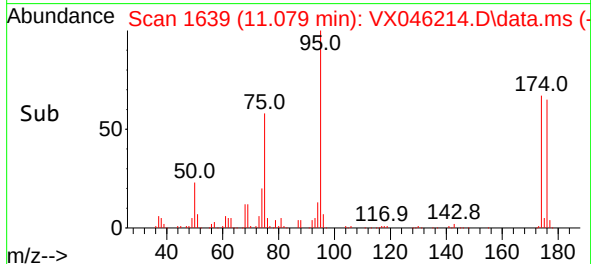
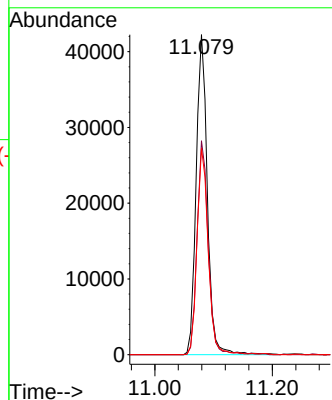
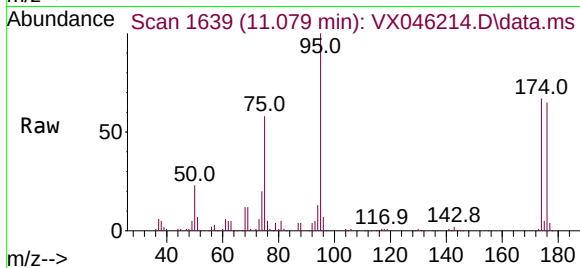
Tgt Ion: 95 Resp: 55967

Ion Ratio Lower Upper

95 100

174 66.8 0.0 135.8

176 64.4 0.0 131.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VX046214.D

Acq: 15 May 2025 15:21

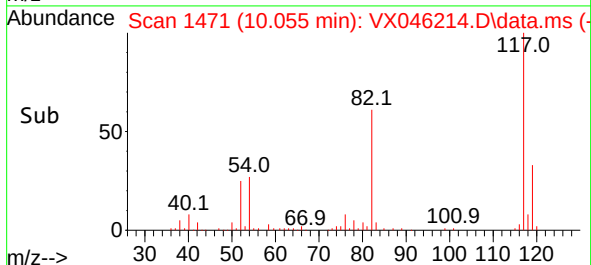
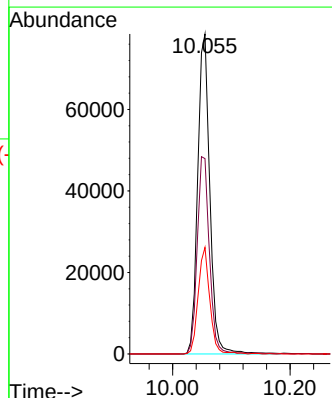
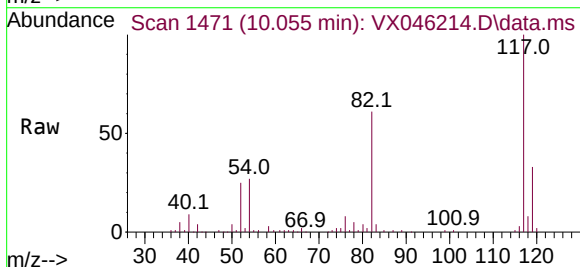
Tgt Ion: 117 Resp: 112446

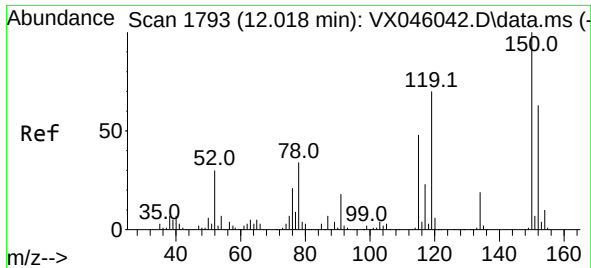
Ion Ratio Lower Upper

117 100

82 61.1 50.6 76.0

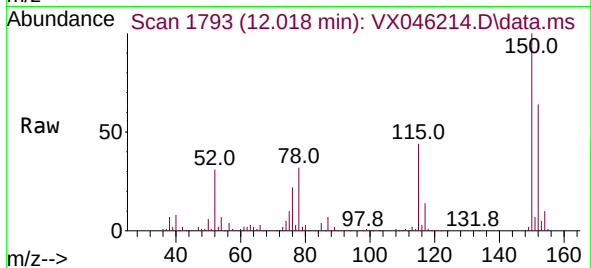
119 33.3 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046214.D
 Acq: 15 May 2025 15:21

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-220-222



Tgt Ion:152 Resp: 44995
 Ion Ratio Lower Upper
 152 100
 115 64.6 46.9 140.7
 150 155.4 0.0 351.0

