

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
 Data File : VX048108.D
 Acq On : 10 Oct 2025 13:52
 Operator : JC/MD
 Sample : Q3324-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-780-782

Quant Time: Oct 10 23:48:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 17 06:39:58 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

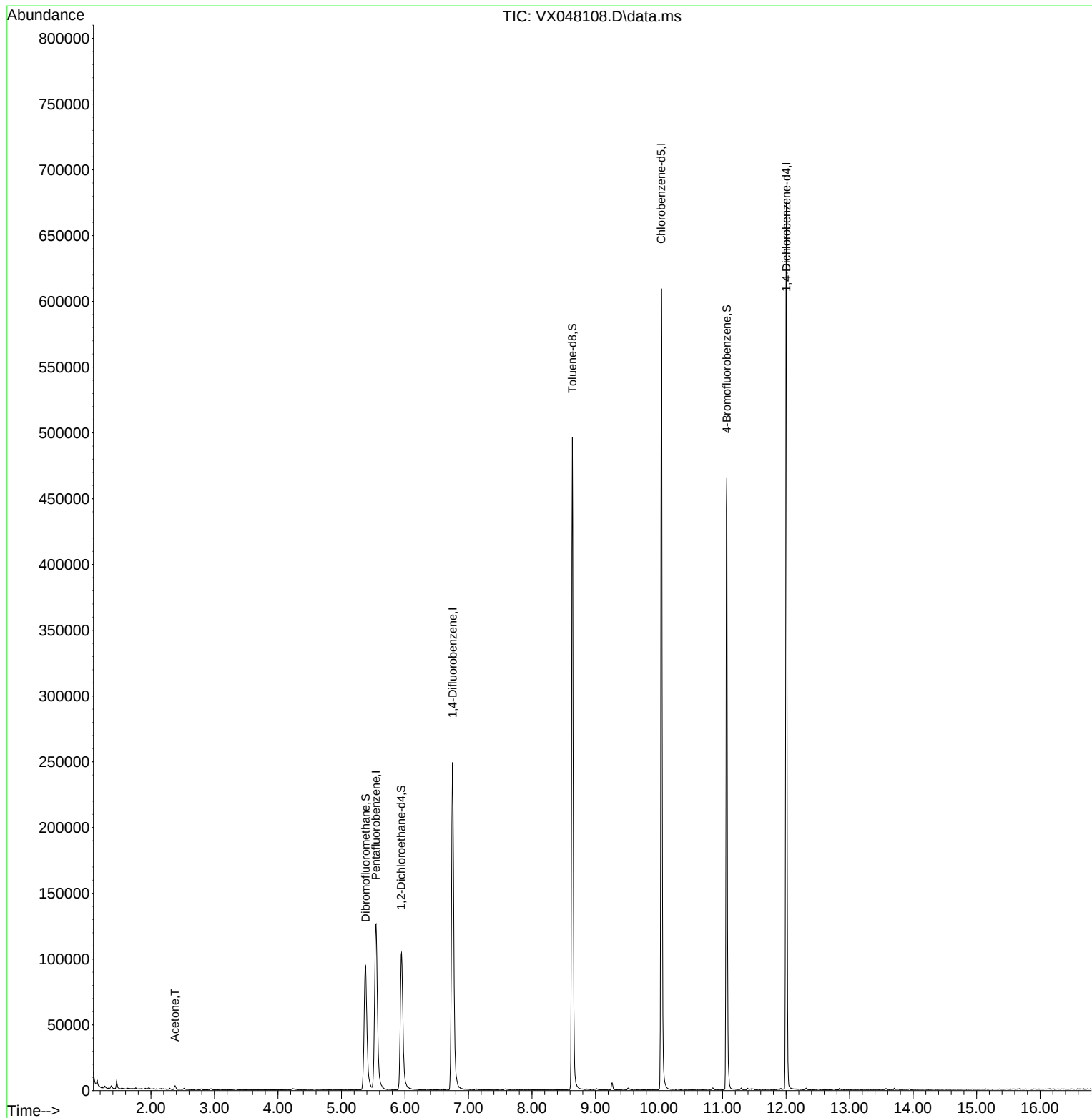
Internal Standards						
1) Pentafluorobenzene	5.544	168	125212	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	264788	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	284245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	139728	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	113353	56.874	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 113.740%	
35) Dibromofluoromethane	5.379	113	90647	51.045	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.100%	
50) Toluene-d8	8.635	98	306680	49.910	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.820%	
62) 4-Bromofluorobenzene	11.067	95	133700	57.332	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.660%	
Target Compounds						
16) Acetone	2.380	43	3707	4.278	ug/l	Qvalue 100

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

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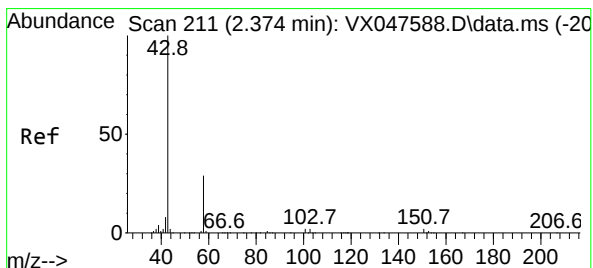
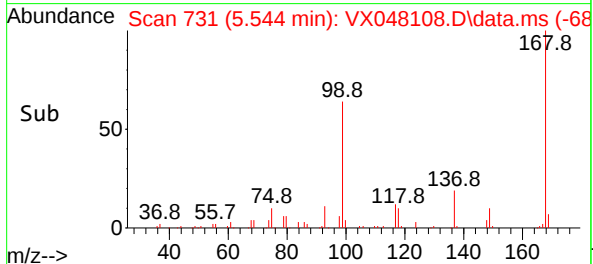
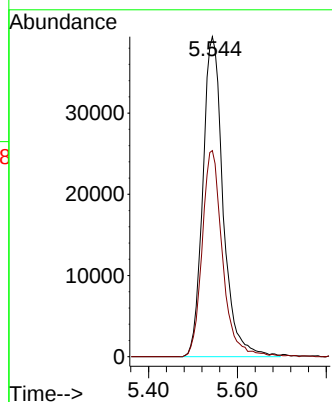
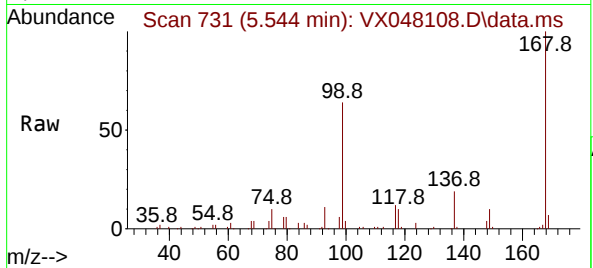




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048108.D
Acq: 10 Oct 2025 13:52

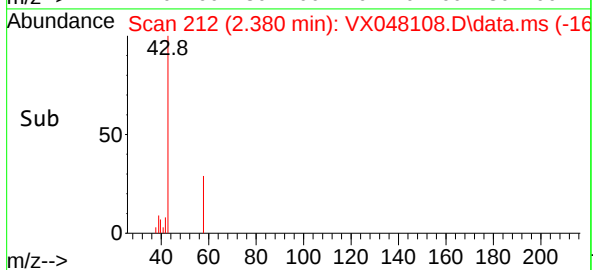
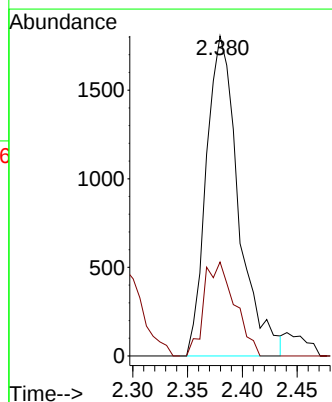
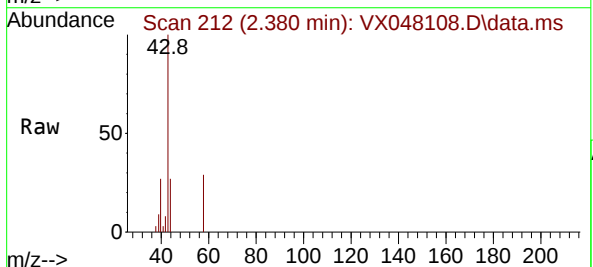
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-780-782

Tgt Ion:168 Resp: 125212
Ion Ratio Lower Upper
168 100
99 64.4 48.8 73.2



#16
Acetone
Concen: 4.278 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048108.D
Acq: 10 Oct 2025 13:52

Tgt Ion: 43 Resp: 3707
Ion Ratio Lower Upper
43 100
58 29.3 23.4 35.0





#33

1,2-Dichloroethane-d4

Concen: 56.874 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048108.D

Acq: 10 Oct 2025 13:52

Instrument :

MSVOA_X

ClientSampleId :

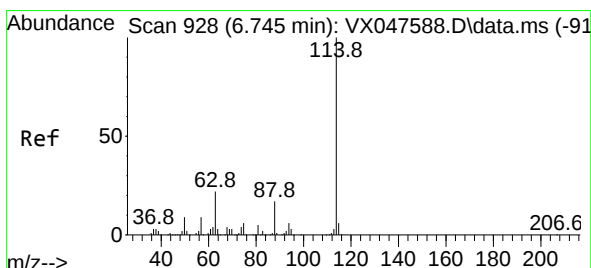
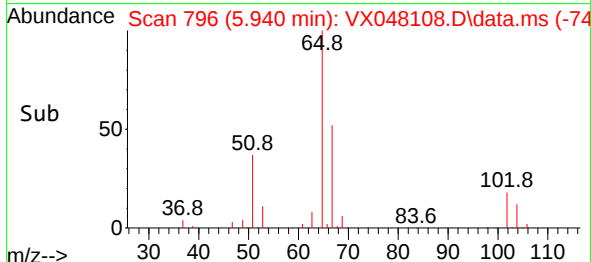
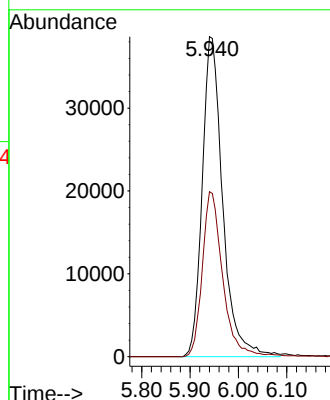
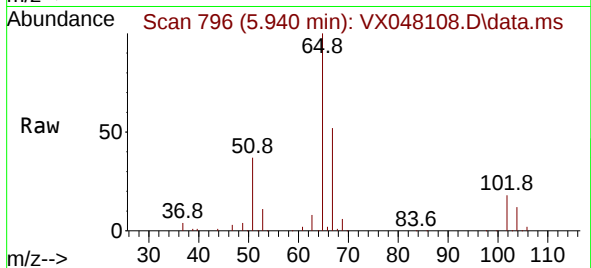
BP-VPB-184-GW-780-782

Tgt Ion: 65 Resp: 113353

Ion Ratio Lower Upper

65 100

67 50.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048108.D

Acq: 10 Oct 2025 13:52

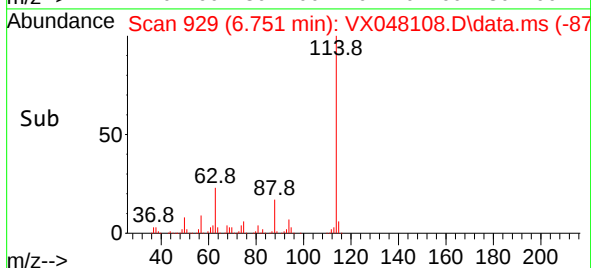
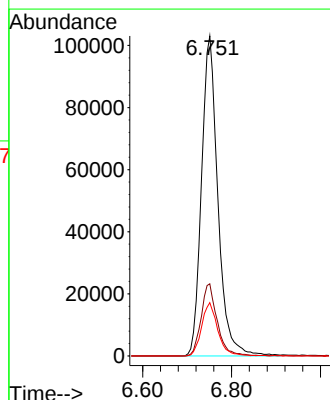
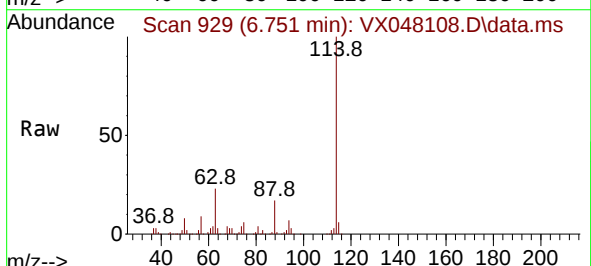
Tgt Ion: 114 Resp: 264788

Ion Ratio Lower Upper

114 100

63 22.5 0.0 44.0

88 16.6 0.0 34.2

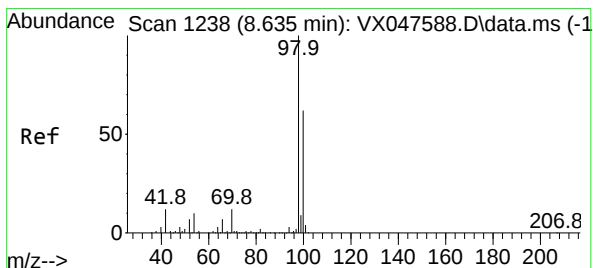
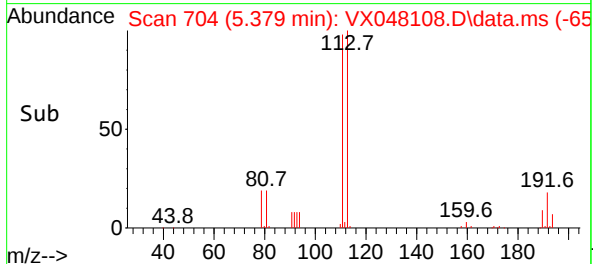
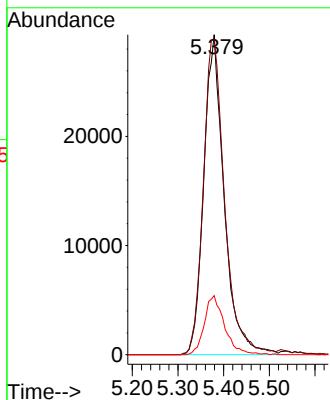
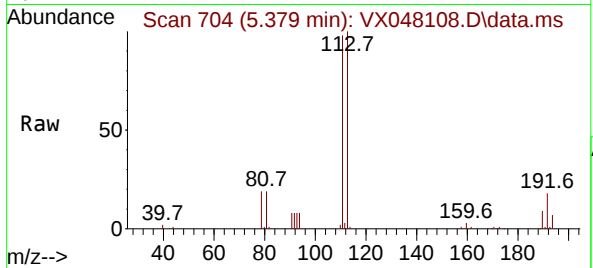




#35
 Dibromofluoromethane
 Concen: 51.045 ug/l
 RT: 5.379 min Scan# 703
 Delta R.T. 0.006 min
 Lab File: VX048108.D
 Acq: 10 Oct 2025 13:52

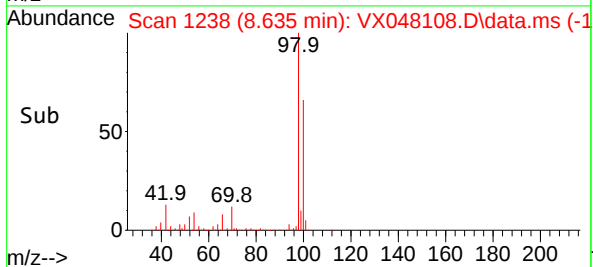
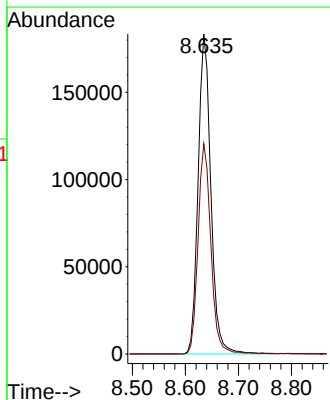
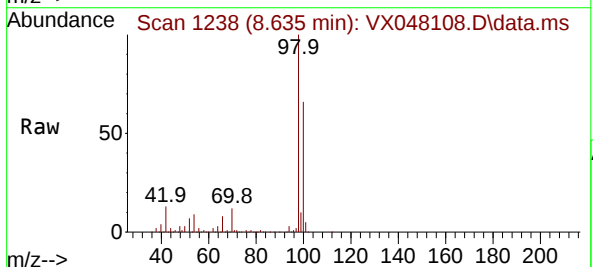
Instrument :
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 ClientSampleId :
 BP-VPB-184-GW-780-782

Tgt Ion:113 Resp: 90647
 Ion Ratio Lower Upper
 113 100
 111 103.3 80.9 121.3
 192 18.3 14.2 21.4



#50
 Toluene-d8
 Concen: 49.910 ug/l
 RT: 8.635 min Scan# 1238
 Delta R.T. -0.000 min
 Lab File: VX048108.D
 Acq: 10 Oct 2025 13:52

Tgt Ion: 98 Resp: 306680
 Ion Ratio Lower Upper
 98 100
 100 66.3 53.0 79.4

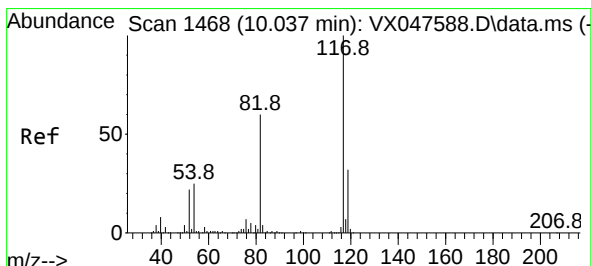
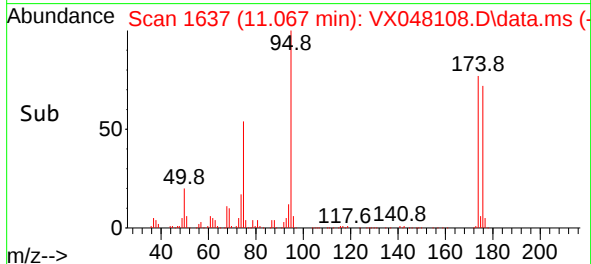
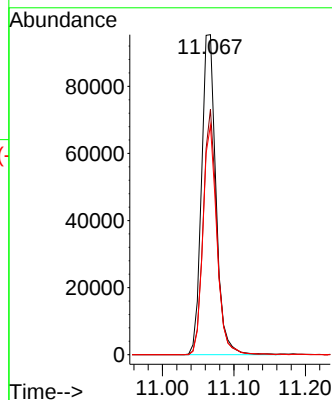
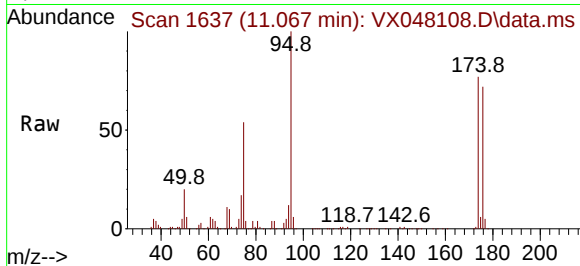




#62
4-Bromofluorobenzene
Concen: 57.332 ug/l
RT: 11.067 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX048108.D
Acq: 10 Oct 2025 13:52

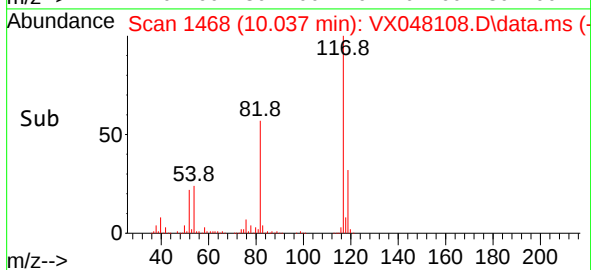
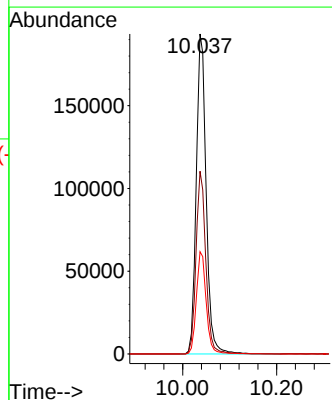
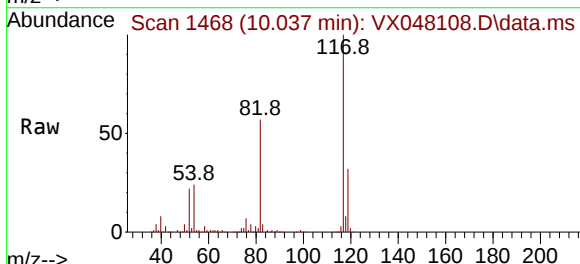
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-780-782

Tgt Ion: 95 Resp: 133700
Ion Ratio Lower Upper
95 100
174 72.3 0.0 141.6
176 69.4 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.037 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048108.D
Acq: 10 Oct 2025 13:52

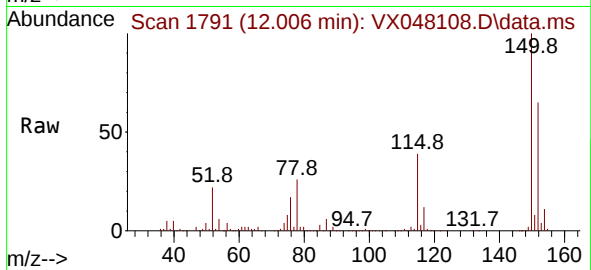
Tgt Ion: 117 Resp: 284245
Ion Ratio Lower Upper
117 100
82 57.1 47.8 71.6
119 31.9 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048108.D
 Acq: 10 Oct 2025 13:52

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-780-782



Tgt Ion:152 Resp: 139728
 Ion Ratio Lower Upper
 152 100
 115 62.9 44.9 134.5
 150 157.9 0.0 352.0

