

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
 Data File : VX048111.D
 Acq On : 10 Oct 2025 14:53
 Operator : JC/MD
 Sample : Q3324-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-820-822

Quant Time: Oct 10 23:49:14 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)

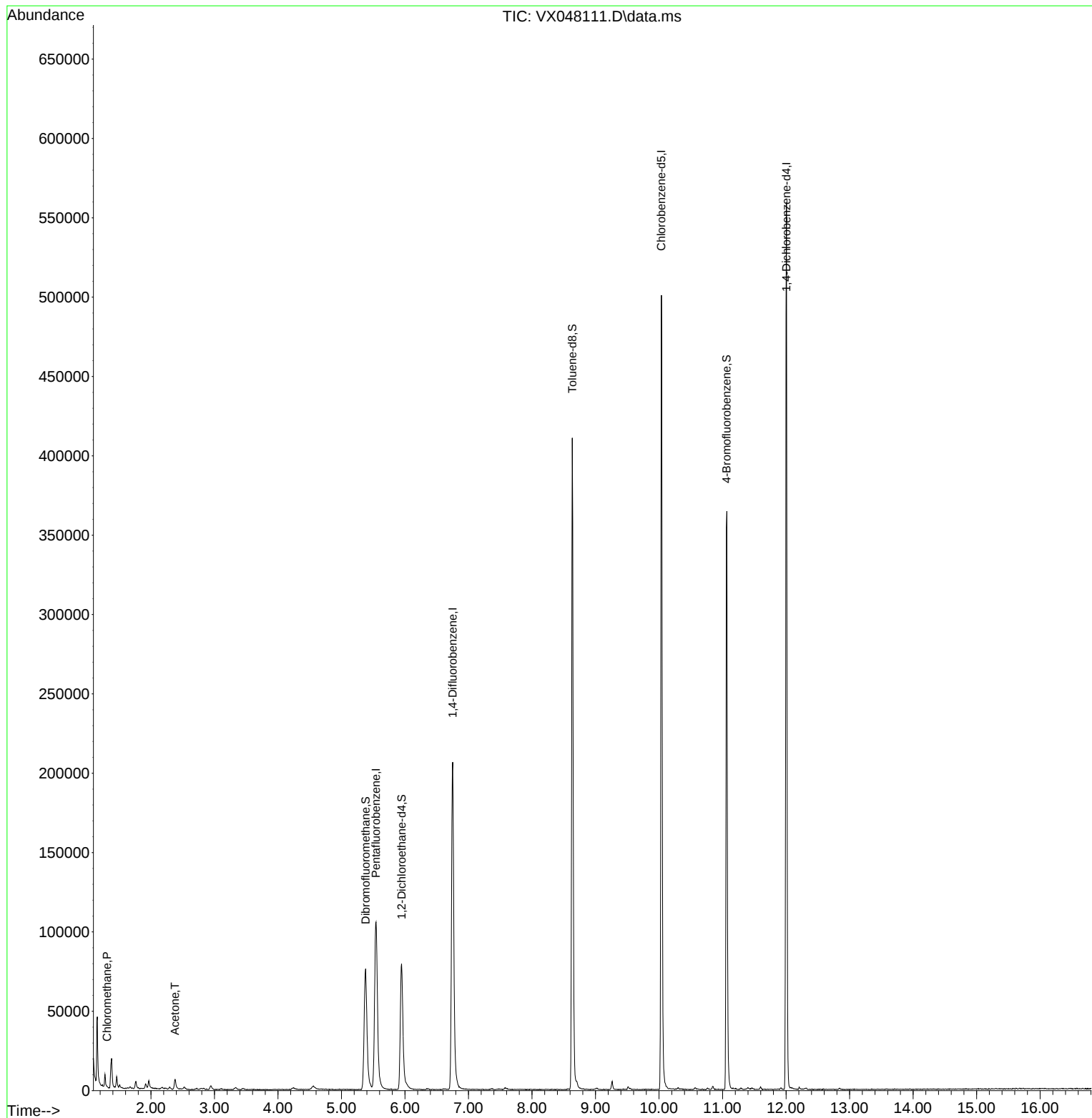
Internal Standards						
1) Pentafluorobenzene	5.544	168	107357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	223217	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	233516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	113061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	88338	51.694	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.380%
35) Dibromofluoromethane	5.379	113	74061	49.472	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.940%
50) Toluene-d8	8.635	98	251294	48.513	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.020%
62) 4-Bromofluorobenzene	11.061	95	106566	54.207	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.420%
Target Compounds						
3) Chloromethane	1.307	50	509	0.348	ug/l	99
16) Acetone	2.380	43	8826	11.879	ug/l	96

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

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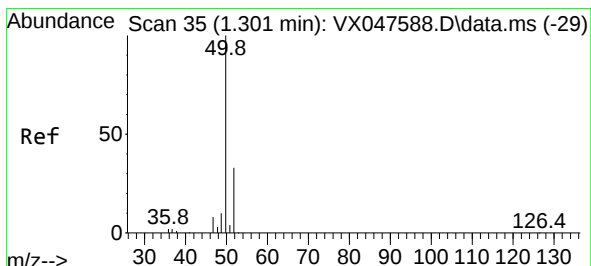
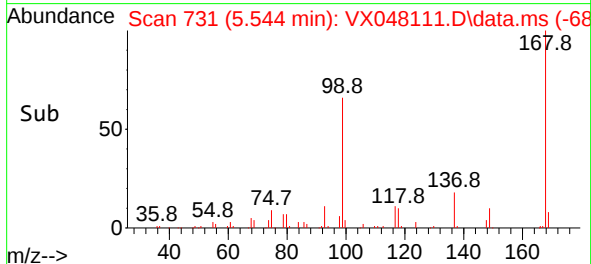
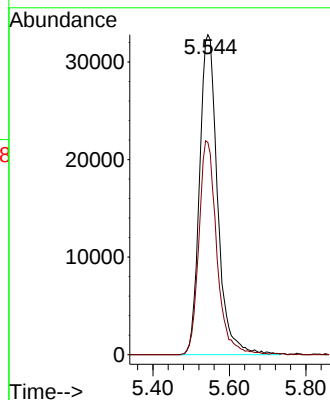
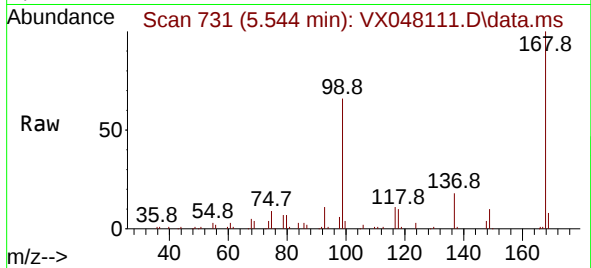




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048111.D
Acq: 10 Oct 2025 14:53

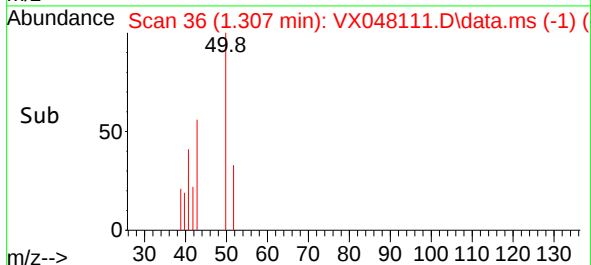
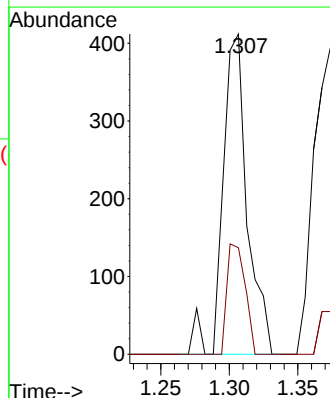
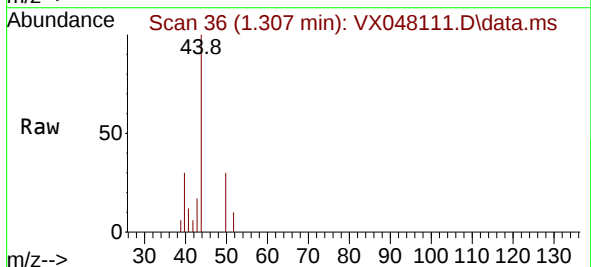
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-820-822

Tgt Ion:168 Resp: 107357
Ion Ratio Lower Upper
168 100
99 66.4 48.8 73.2



#3
Chloromethane
Concen: 0.348 ug/l
RT: 1.307 min Scan# 36
Delta R.T. 0.006 min
Lab File: VX048111.D
Acq: 10 Oct 2025 14:53

Tgt Ion: 50 Resp: 509
Ion Ratio Lower Upper
50 100
52 33.3 26.1 39.1

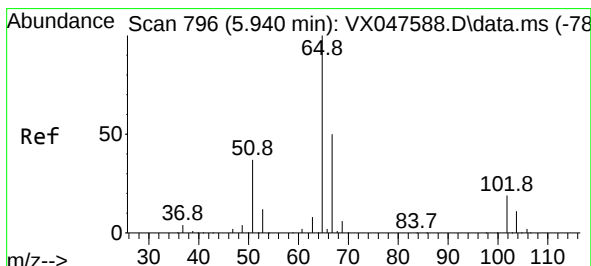
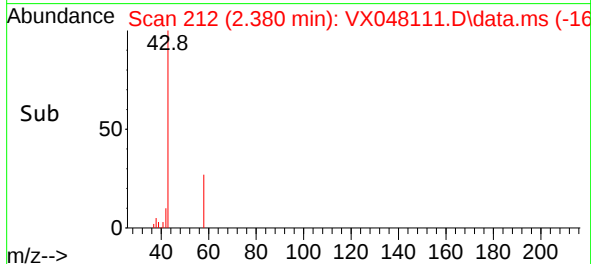
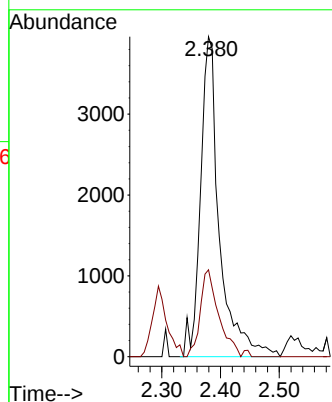
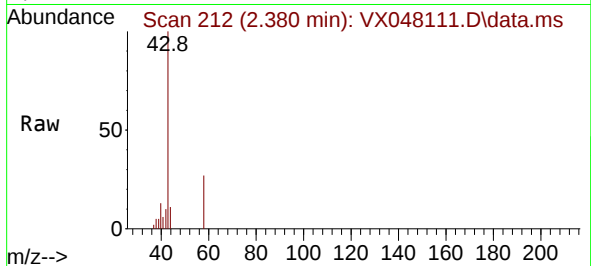




#16
Acetone
Concen: 11.879 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048111.D
Acq: 10 Oct 2025 14:53

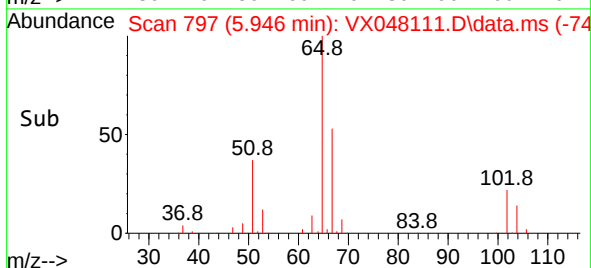
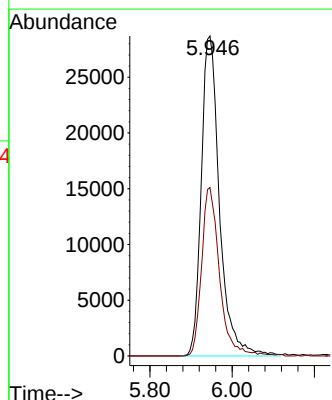
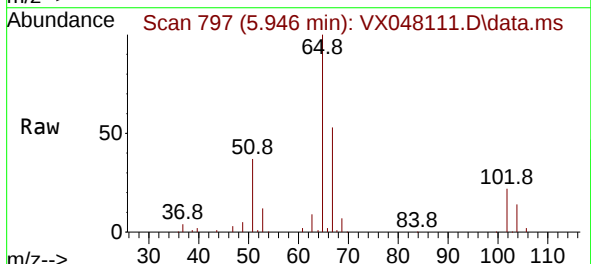
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-820-822

Tgt Ion: 43 Resp: 8826
Ion Ratio Lower Upper
43 100
58 27.2 23.4 35.0



#33
1,2-Dichloroethane-d4
Concen: 51.694 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048111.D
Acq: 10 Oct 2025 14:53

Tgt Ion: 65 Resp: 88338
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.0

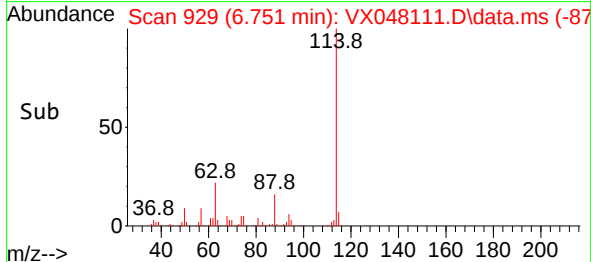
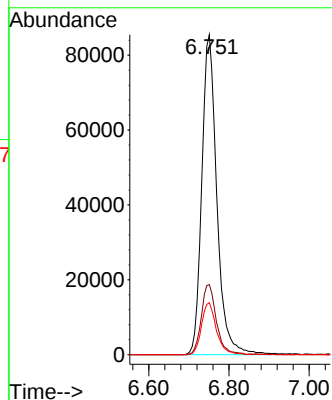
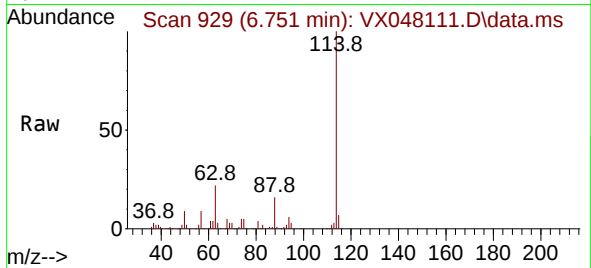




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048111.D
Acq: 10 Oct 2025 14:53

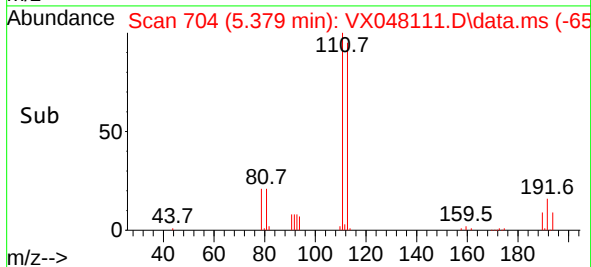
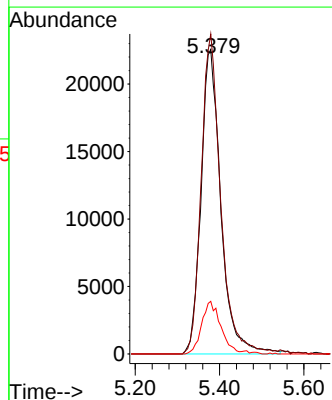
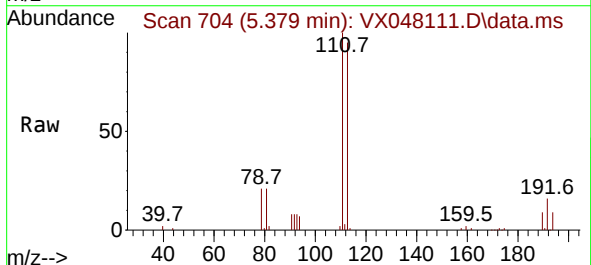
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-820-822

Tgt Ion:114 Resp: 223217
Ion Ratio Lower Upper
114 100
63 21.9 0.0 44.0
88 16.2 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.472 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048111.D
Acq: 10 Oct 2025 14:53

Tgt Ion:113 Resp: 74061
Ion Ratio Lower Upper
113 100
111 102.9 80.9 121.3
192 16.5 14.2 21.4

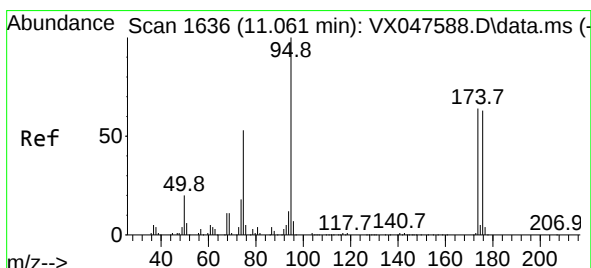
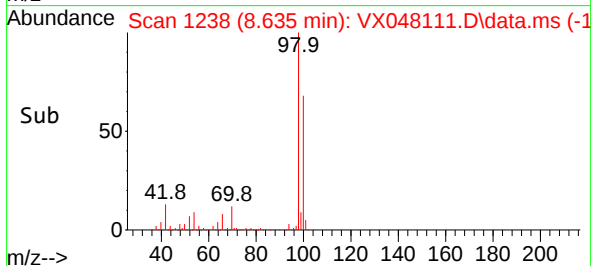
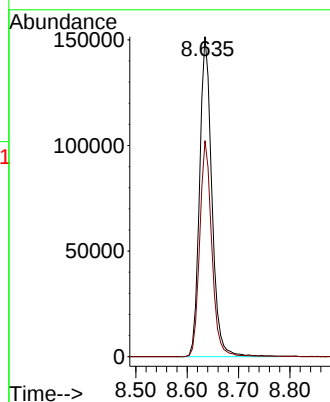
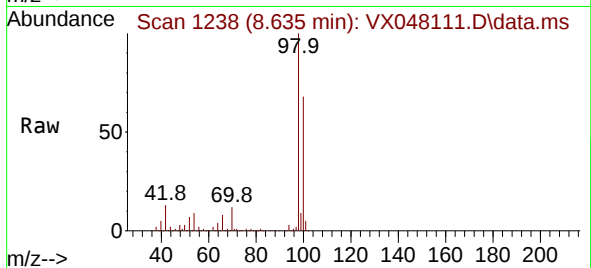




#50
Toluene-d8
Concen: 48.513 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048111.D
Acq: 10 Oct 2025 14:53

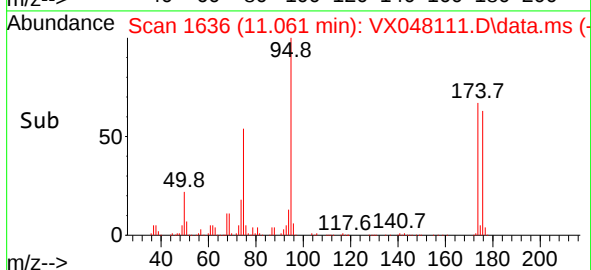
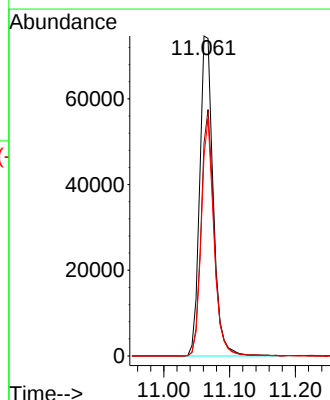
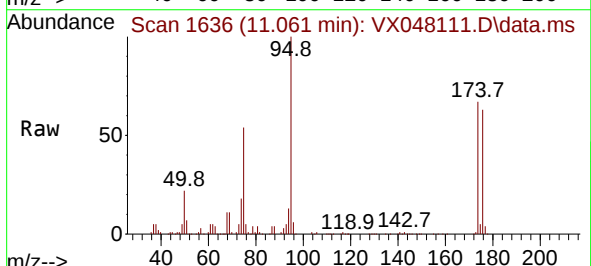
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-820-822

Tgt Ion: 98 Resp: 251294
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.207 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX048111.D
Acq: 10 Oct 2025 14:53

Tgt Ion: 95 Resp: 106566
Ion Ratio Lower Upper
95 100
174 73.7 0.0 141.6
176 69.7 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: VX048111.D

Acq: 10 Oct 2025 14:53

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-820-822

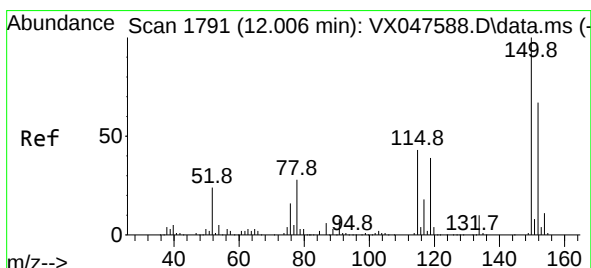
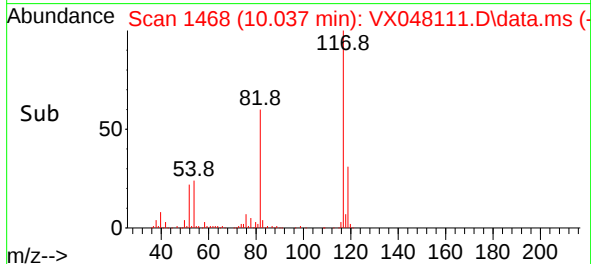
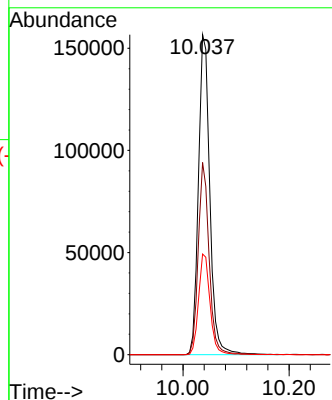
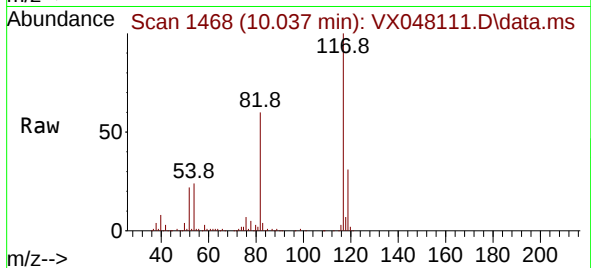
Tgt Ion:117 Resp: 233516

Ion Ratio Lower Upper

117 100

82 60.0 47.8 71.6

119 31.4 25.2 37.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.006 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VX048111.D

Acq: 10 Oct 2025 14:53

Tgt Ion:152 Resp: 113061

Ion Ratio Lower Upper

152 100

115 63.1 44.9 134.5

150 158.5 0.0 352.0

