

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092925\
 Data File : VX047891.D
 Acq On : 29 Sep 2025 17:46
 Operator : JC/MD
 Sample : Q3213-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-440-442

Quant Time: Sep 30 01:25:01 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)

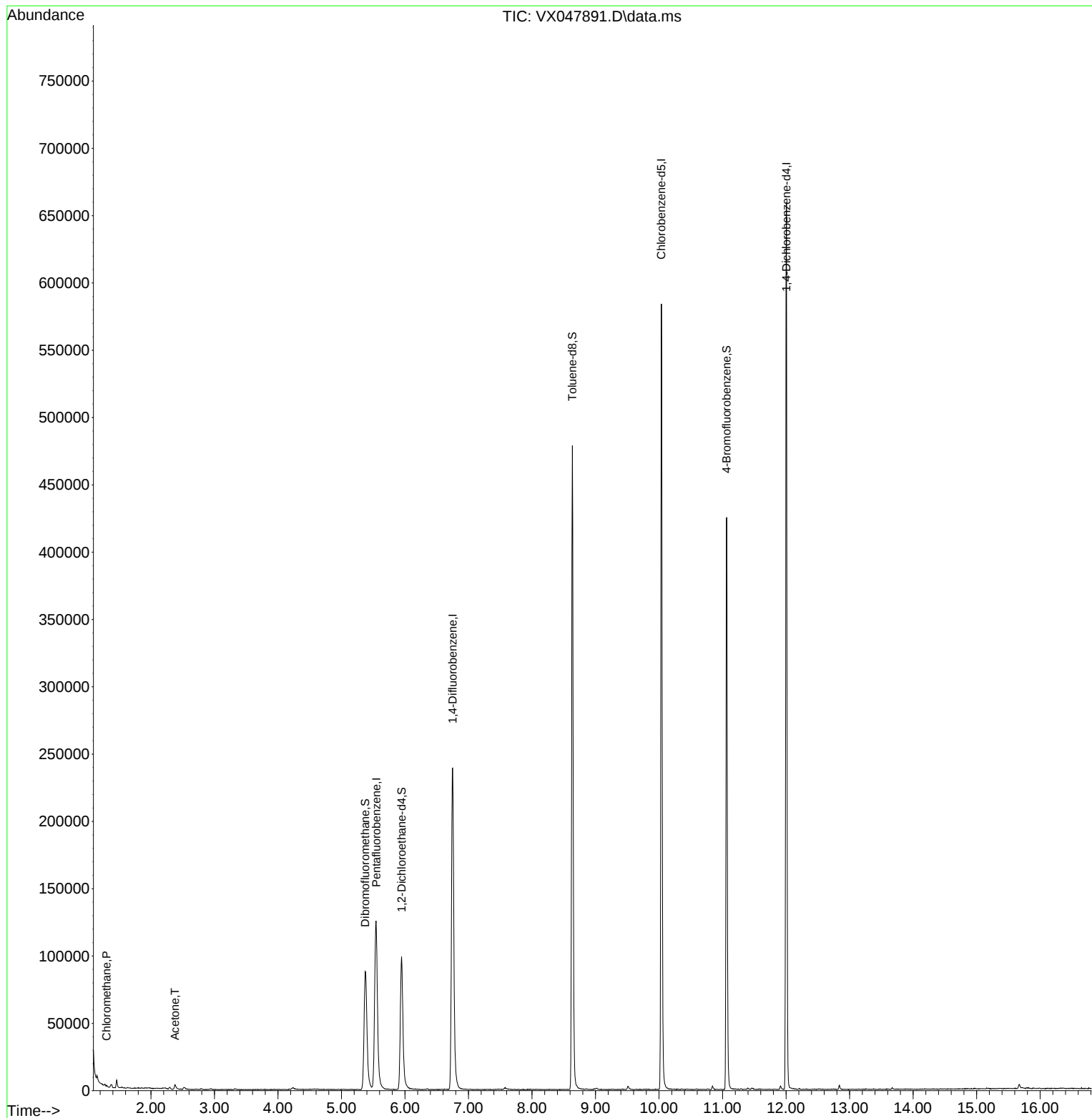
Internal Standards						
1) Pentafluorobenzene	5.550	168	126934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	264916	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	273054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	137102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	105715	52.322	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.640%	
35) Dibromofluoromethane	5.373	113	88669	49.907	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.820%	
50) Toluene-d8	8.635	98	293810	47.792	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 95.580%	
62) 4-Bromofluorobenzene	11.061	95	125076	53.608	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 107.220%	
Target Compounds						
						Qvalue
3) Chloromethane	1.300	50	789	0.457	ug/l	98
16) Acetone	2.380	43	4779	5.440	ug/l #	83

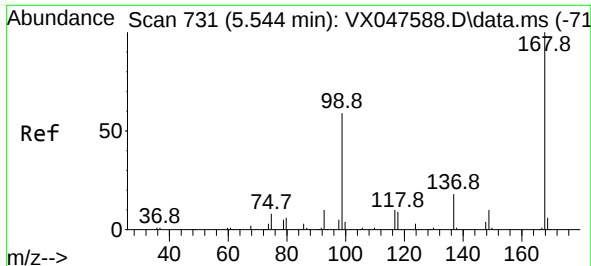
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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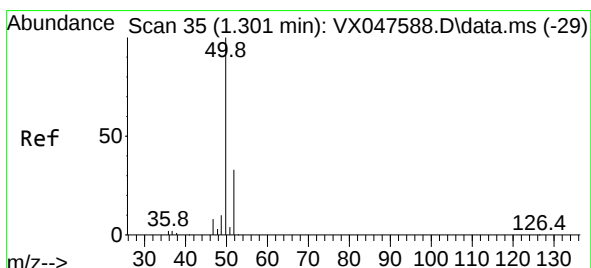
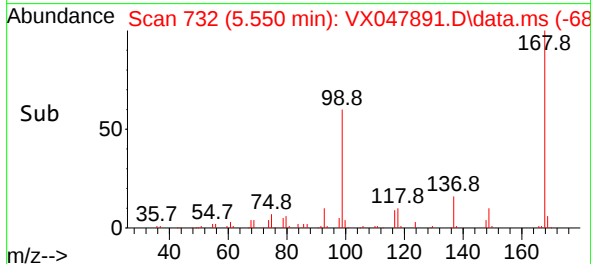
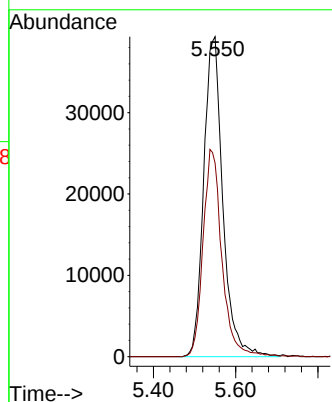
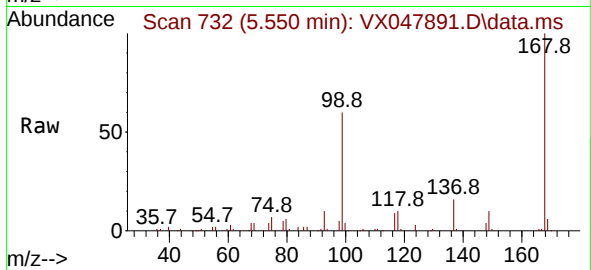




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047891.D
Acq: 29 Sep 2025 17:46

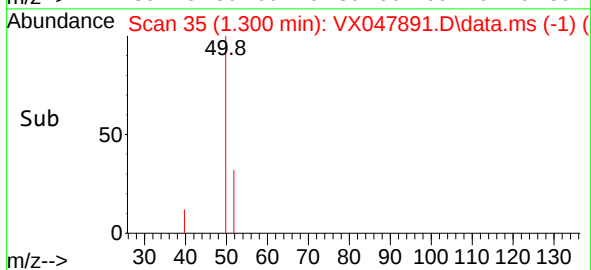
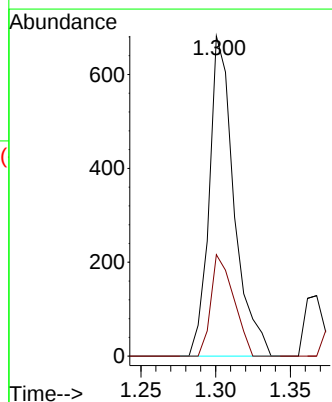
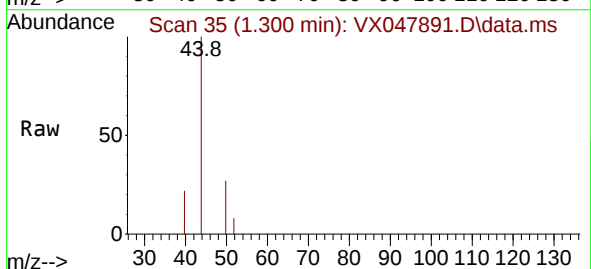
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-440-442

Tgt Ion:168 Resp: 126934
Ion Ratio Lower Upper
168 100
99 60.5 48.8 73.2



#3
Chloromethane
Concen: 0.457 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047891.D
Acq: 29 Sep 2025 17:46

Tgt Ion: 50 Resp: 789
Ion Ratio Lower Upper
50 100
52 31.7 26.1 39.1

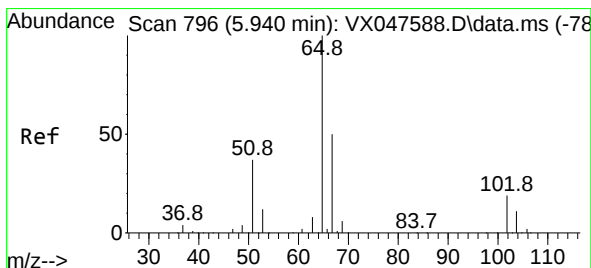
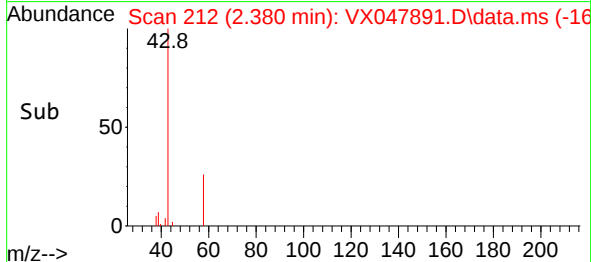
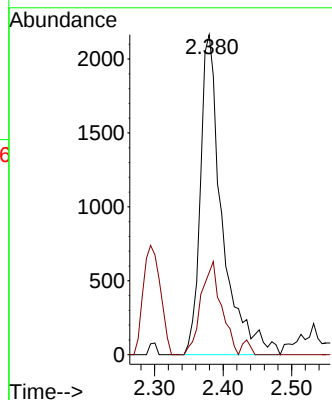
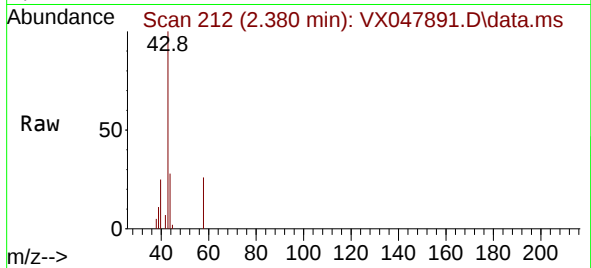




#16
Acetone
Concen: 5.440 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047891.D
Acq: 29 Sep 2025 17:46

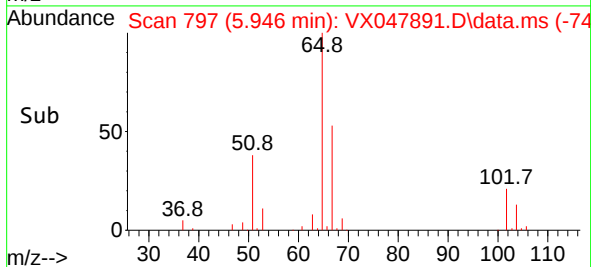
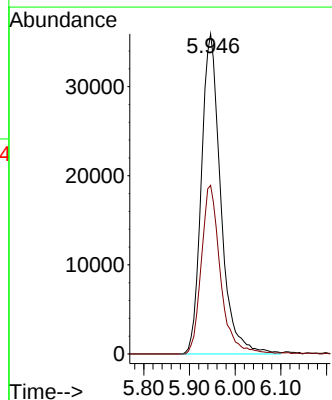
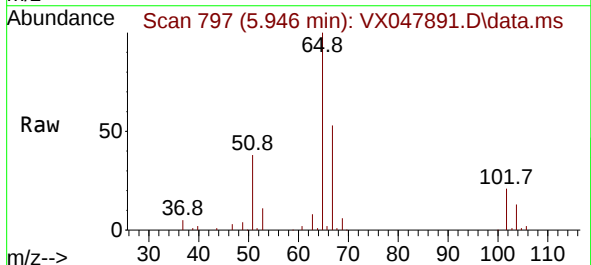
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-440-442

Tgt Ion: 43 Resp: 4779
Ion Ratio Lower Upper
43 100
58 20.0 23.4 35.0#



#33
1,2-Dichloroethane-d4
Concen: 52.322 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047891.D
Acq: 29 Sep 2025 17:46

Tgt Ion: 65 Resp: 105715
Ion Ratio Lower Upper
65 100
67 52.0 0.0 103.0

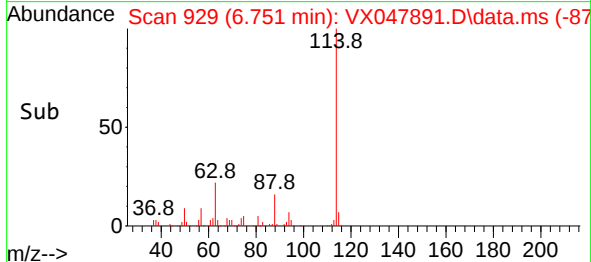
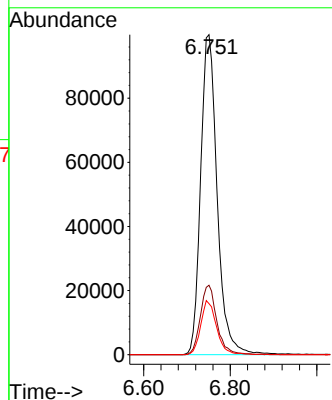
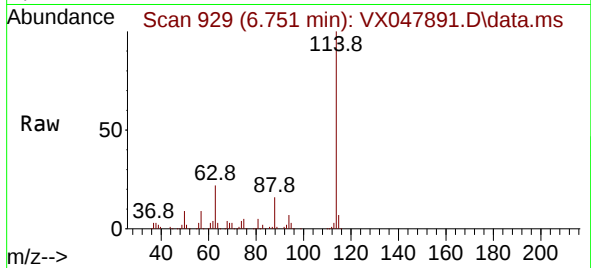




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047891.D
Acq: 29 Sep 2025 17:46

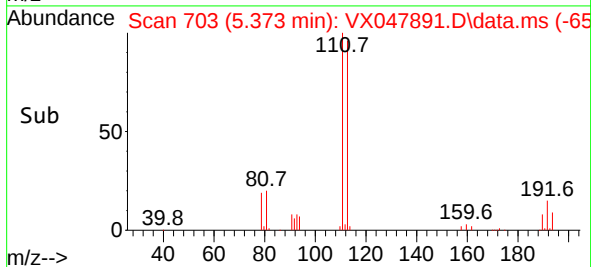
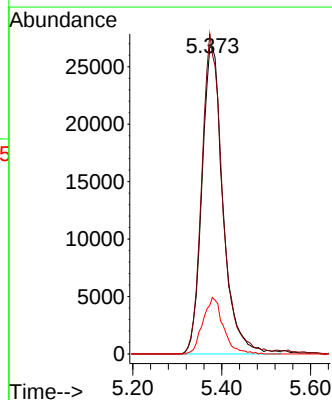
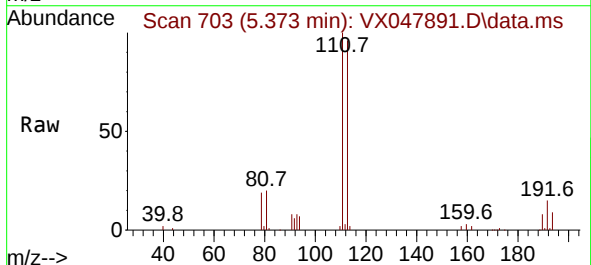
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-440-442

Tgt Ion:114 Resp: 264916
Ion Ratio Lower Upper
114 100
63 21.7 0.0 44.0
88 15.9 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.907 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047891.D
Acq: 29 Sep 2025 17:46

Tgt Ion:113 Resp: 88669
Ion Ratio Lower Upper
113 100
111 101.8 80.9 121.3
192 17.7 14.2 21.4

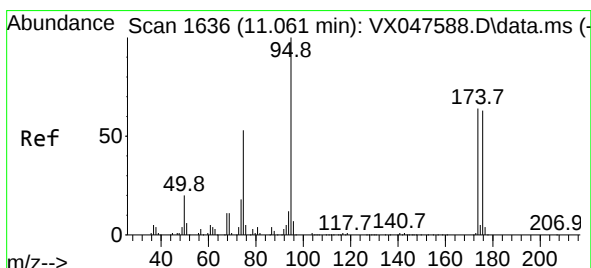
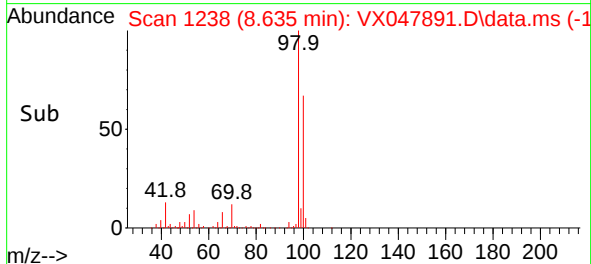
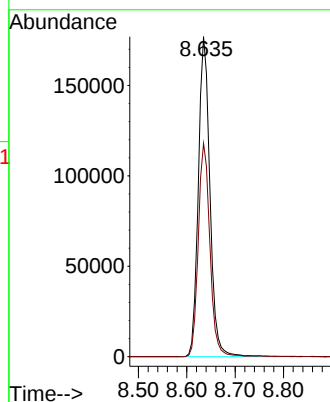
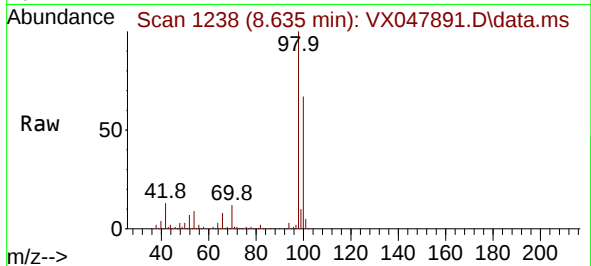




#50
Toluene-d8
Concen: 47.792 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047891.D
Acq: 29 Sep 2025 17:46

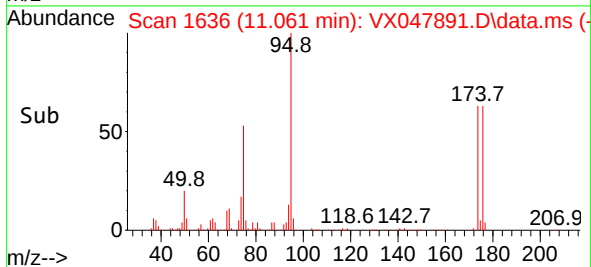
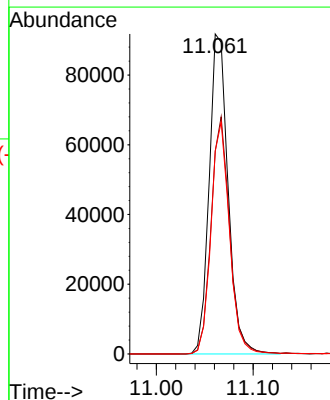
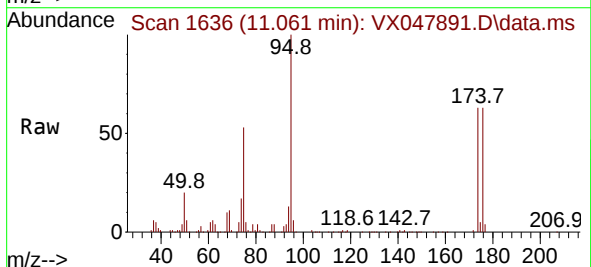
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-440-442

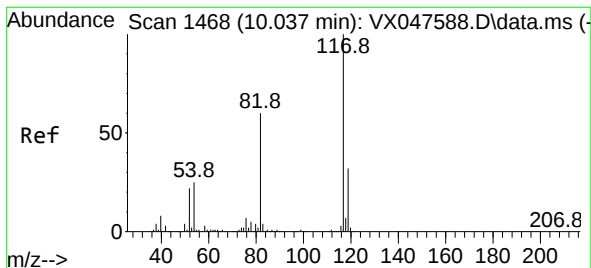
Tgt Ion: 98 Resp: 293810
Ion Ratio Lower Upper
98 100
100 66.8 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.608 ug/l
RT: 11.061 min Scan# 1636
Delta R.T. -0.000 min
Lab File: VX047891.D
Acq: 29 Sep 2025 17:46

Tgt Ion: 95 Resp: 125076
Ion Ratio Lower Upper
95 100
174 72.9 0.0 141.6
176 70.7 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: VX047891.D

Acq: 29 Sep 2025 17:46

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-440-442

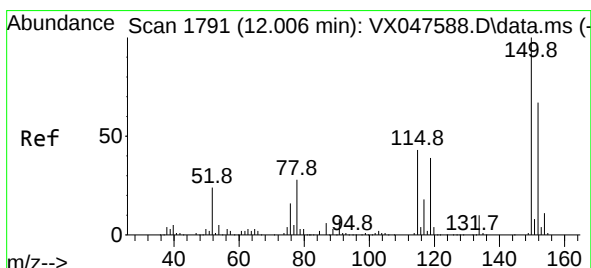
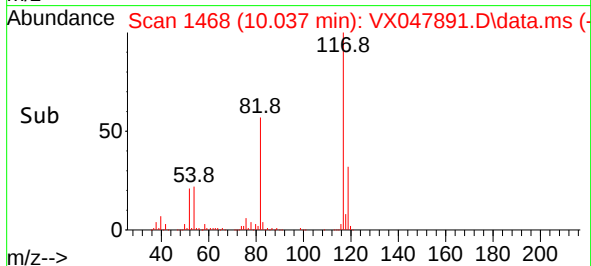
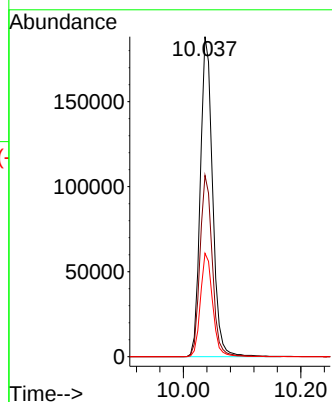
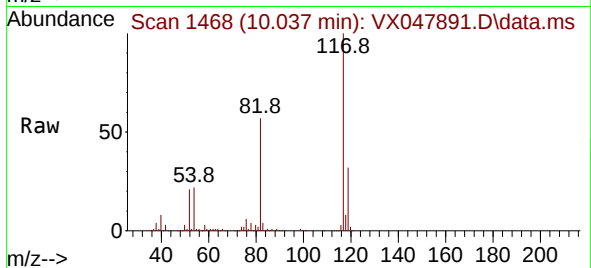
Tgt Ion:117 Resp: 273054

Ion Ratio Lower Upper

117 100

82 56.7 47.8 71.6

119 32.3 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: VX047891.D

Acq: 29 Sep 2025 17:46

Tgt Ion:152 Resp: 137102

Ion Ratio Lower Upper

152 100

115 61.7 44.9 134.5

150 158.0 0.0 352.0

