

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092925\
 Data File : VX047890.D
 Acq On : 29 Sep 2025 17:26
 Operator : JC/MD
 Sample : Q3213-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-420-422

Quant Time: Sep 30 01:24:35 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)

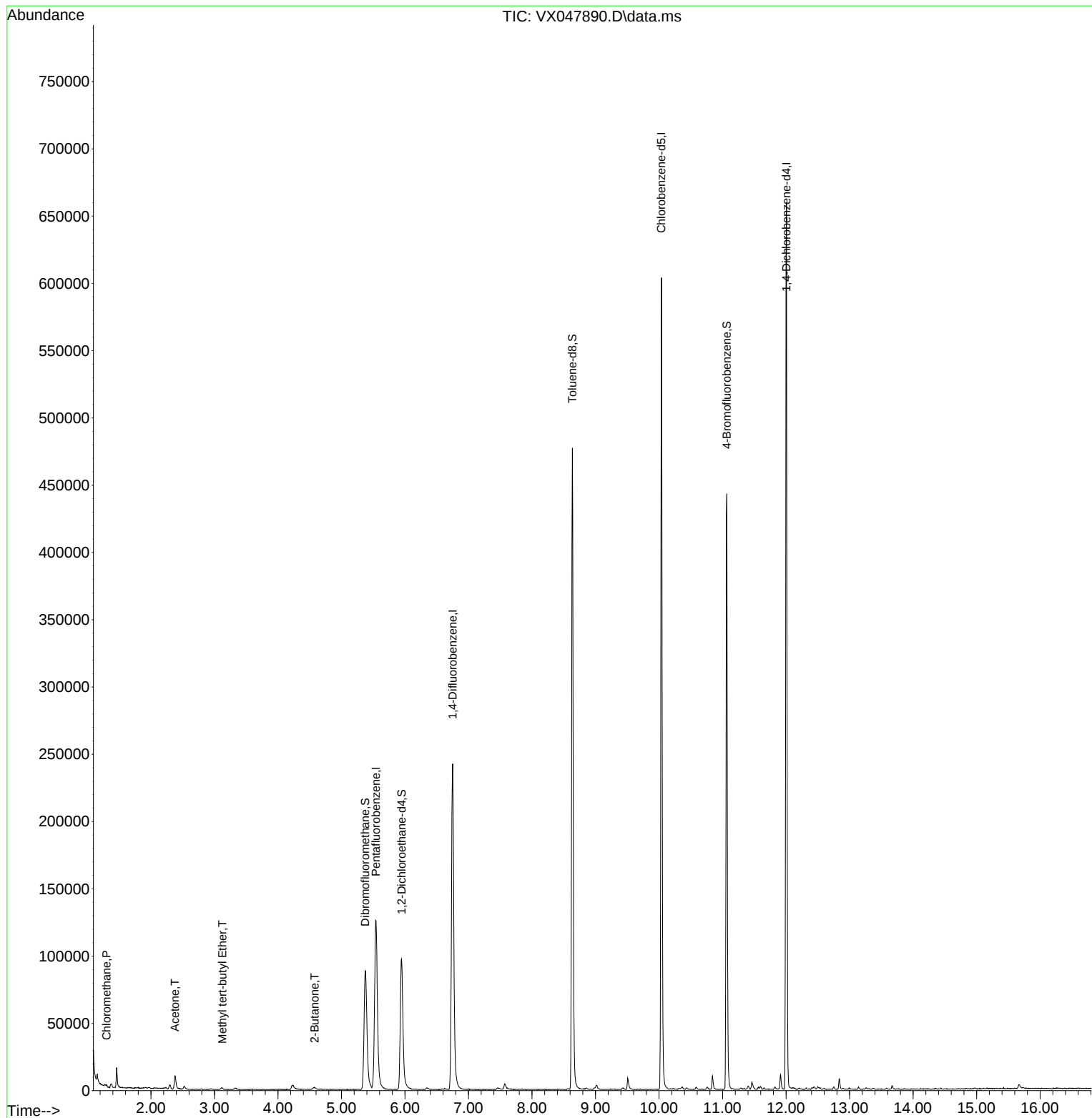
Internal Standards						
1) Pentafluorobenzene	5.544	168	128773	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	265004	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	273028	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	140306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	105554	51.496	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	103.000%	
35) Dibromofluoromethane	5.373	113	87688	49.339	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.680%	
50) Toluene-d8	8.635	98	298703	48.572	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.140%	
62) 4-Bromofluorobenzene	11.067	95	129436	55.459	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	110.920%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	1095	0.625	ug/l	97
16) Acetone	2.380	43	13227	14.841	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	1552	0.278	ug/l	100
25) 2-Butanone	4.574	43	3508	3.156	ug/l #	87

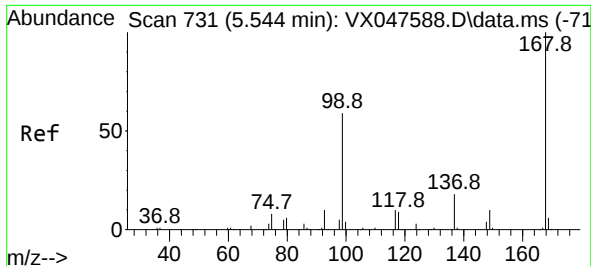
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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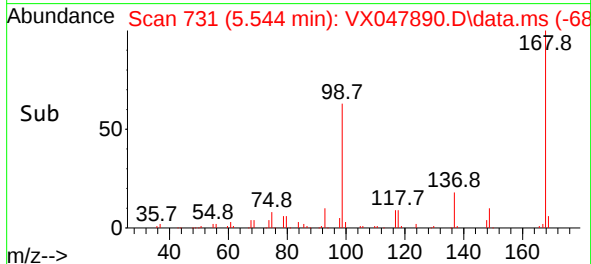
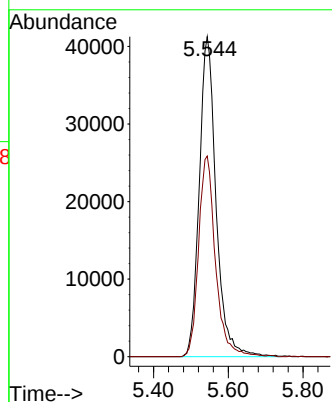
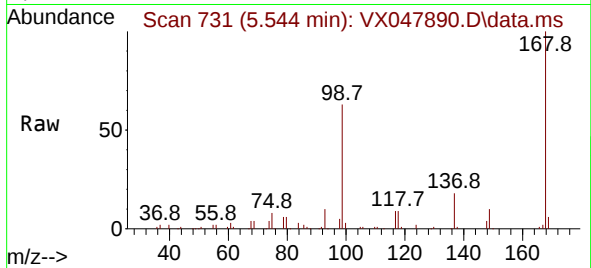




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047890.D
Acq: 29 Sep 2025 17:26

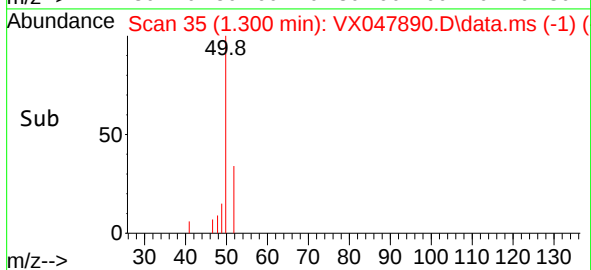
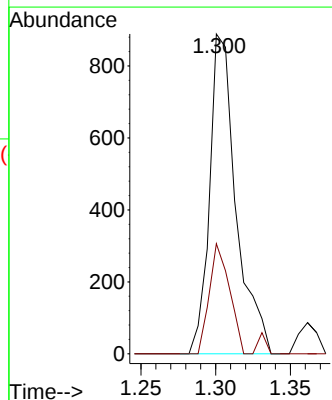
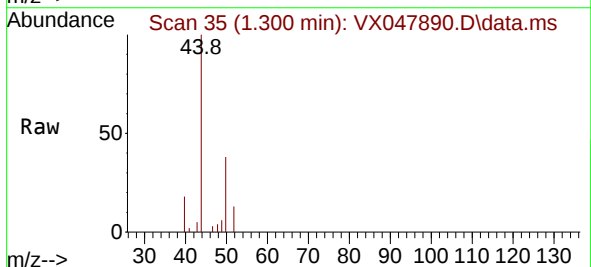
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-420-422

Tgt Ion:168 Resp: 128773
Ion Ratio Lower Upper
168 100
99 62.7 48.8 73.2



#3
Chloromethane
Concen: 0.625 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX047890.D
Acq: 29 Sep 2025 17:26

Tgt Ion: 50 Resp: 1095
Ion Ratio Lower Upper
50 100
52 34.4 26.1 39.1

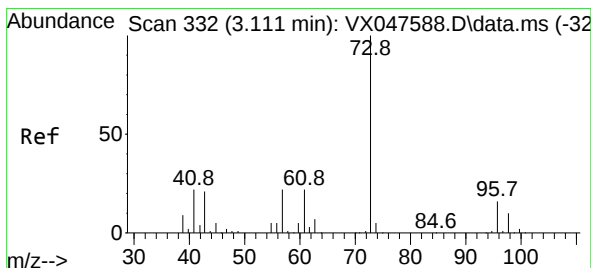
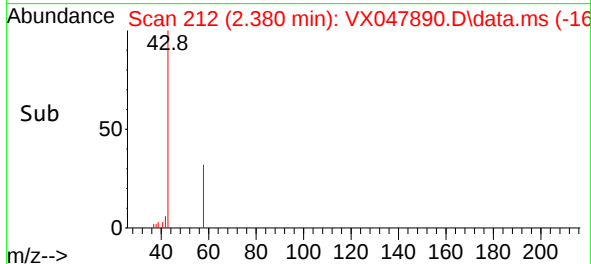
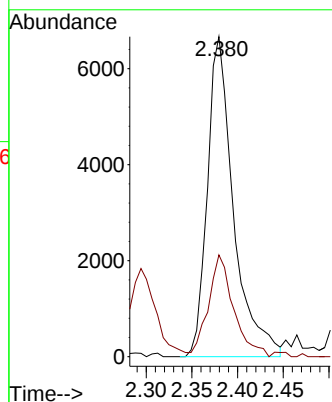
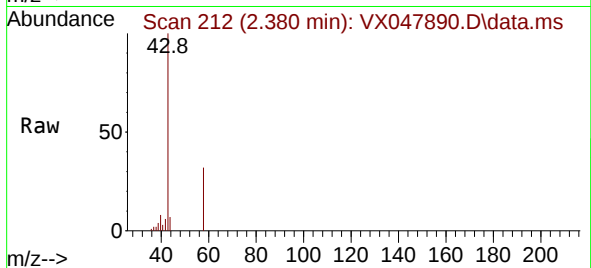




#16
Acetone
Concen: 14.841 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX047890.D
Acq: 29 Sep 2025 17:26

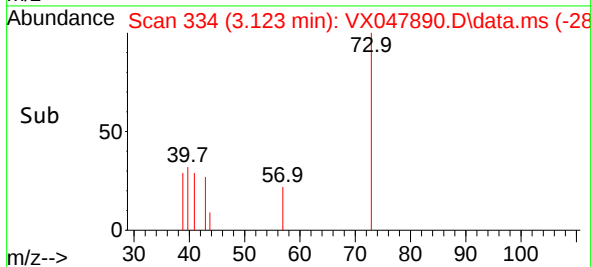
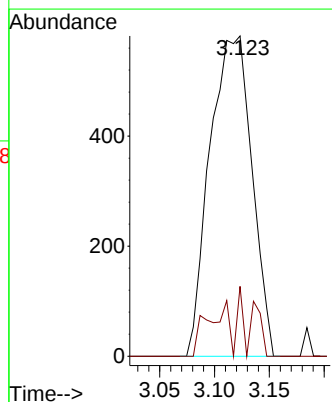
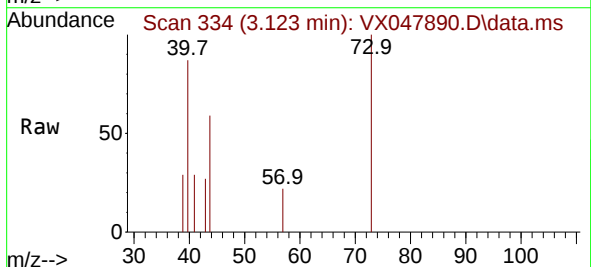
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-420-422

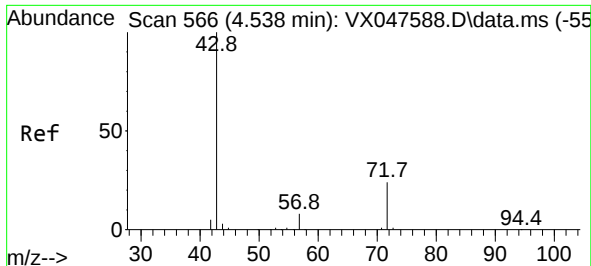
Tgt Ion: 43 Resp: 13227
Ion Ratio Lower Upper
43 100
58 28.5 23.4 35.0



#19
Methyl tert-butyl Ether
Concen: 0.278 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.012 min
Lab File: VX047890.D
Acq: 29 Sep 2025 17:26

Tgt Ion: 73 Resp: 1552
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.2

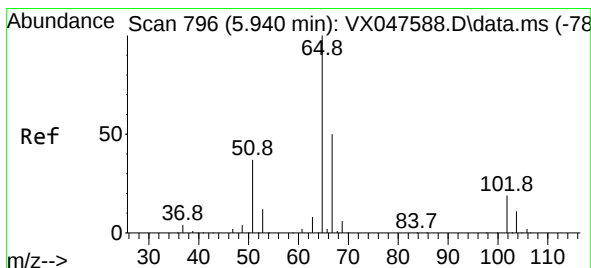
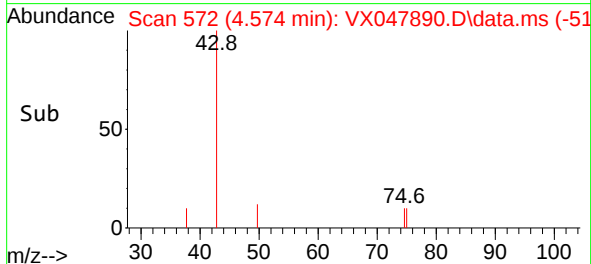
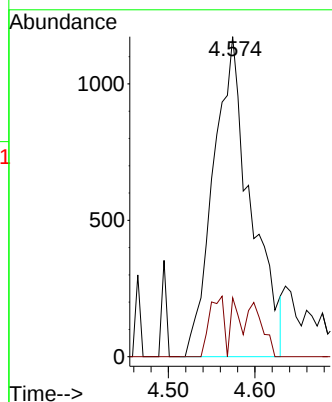
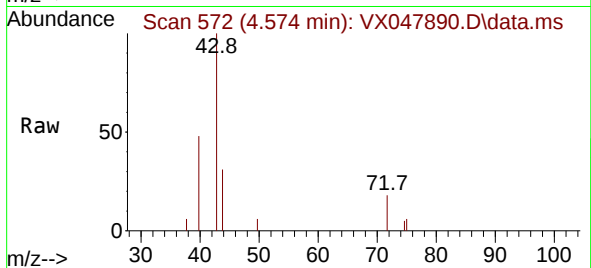




#25
2-Butanone
Concen: 3.156 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.036 min
Lab File: VX047890.D
Acq: 29 Sep 2025 17:26

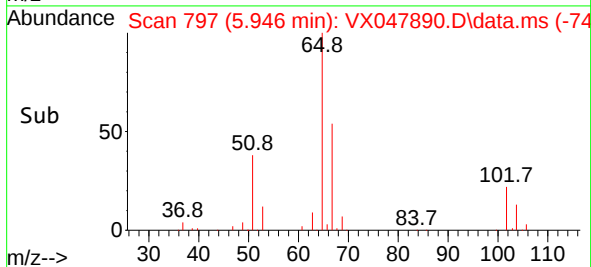
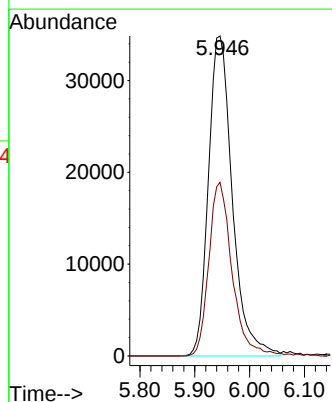
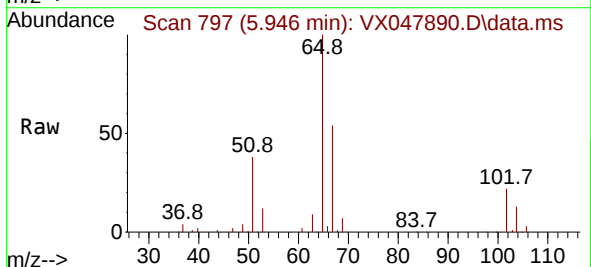
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-420-422

Tgt Ion: 43 Resp: 3508
Ion Ratio Lower Upper
43 100
72 18.4 20.1 30.1#



#33
1,2-Dichloroethane-d4
Concen: 51.496 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047890.D
Acq: 29 Sep 2025 17:26

Tgt Ion: 65 Resp: 105554
Ion Ratio Lower Upper
65 100
67 52.8 0.0 103.0

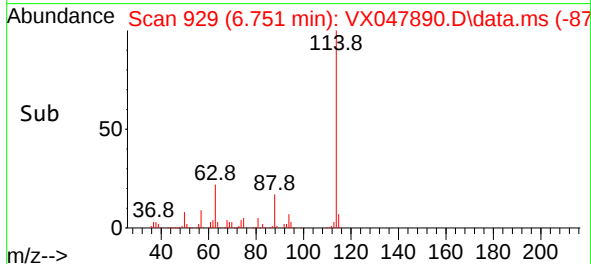
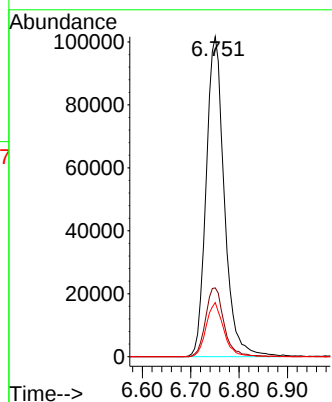
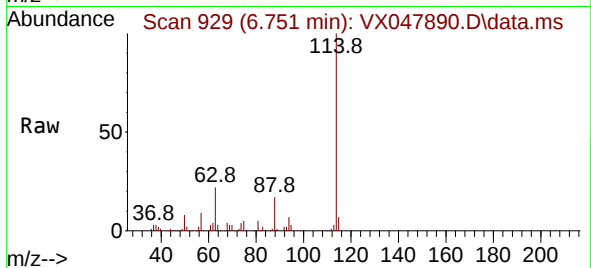




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047890.D
Acq: 29 Sep 2025 17:26

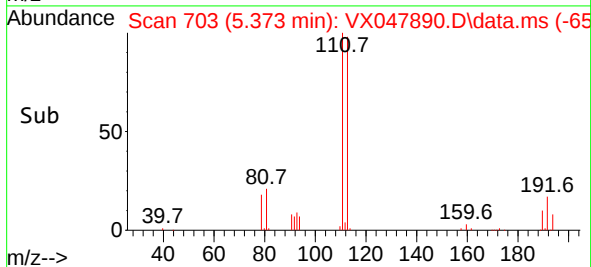
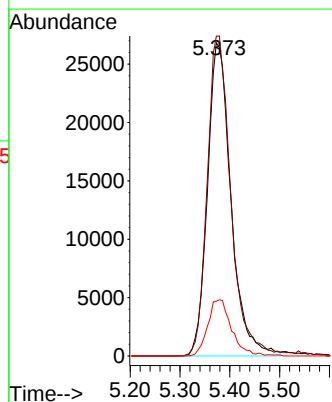
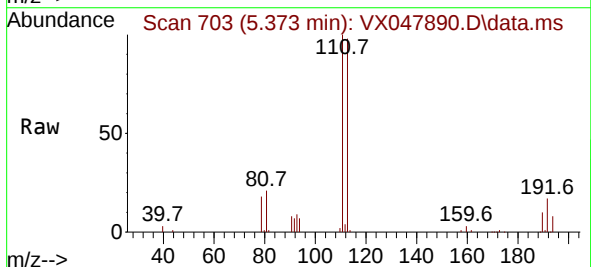
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-420-422

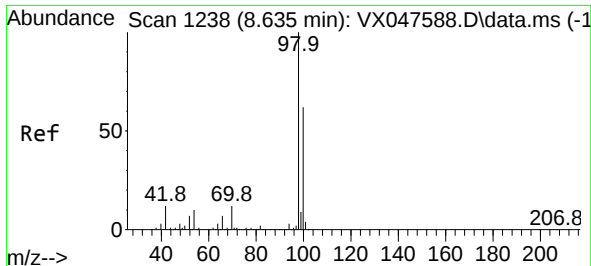
Tgt Ion:114 Resp: 265004
Ion Ratio Lower Upper
114 100
63 21.5 0.0 44.0
88 16.9 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.339 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX047890.D
Acq: 29 Sep 2025 17:26

Tgt Ion:113 Resp: 87688
Ion Ratio Lower Upper
113 100
111 103.3 80.9 121.3
192 18.3 14.2 21.4

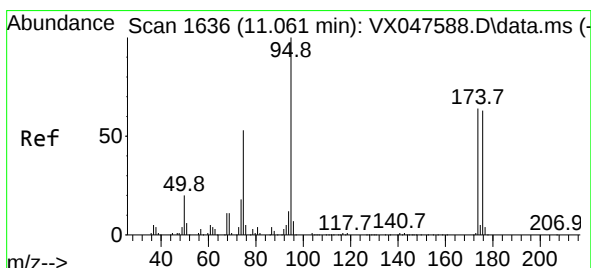
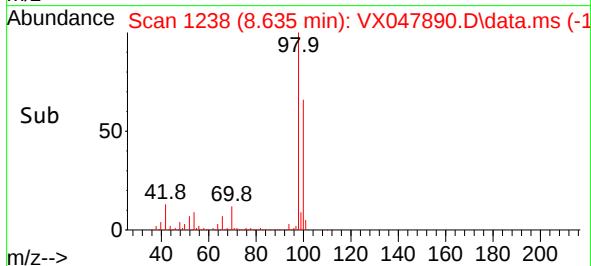
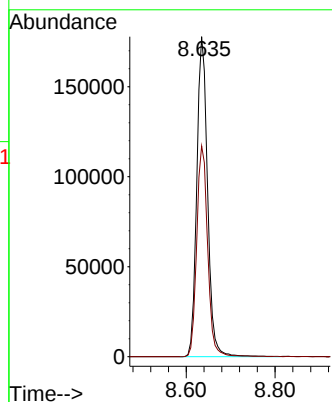
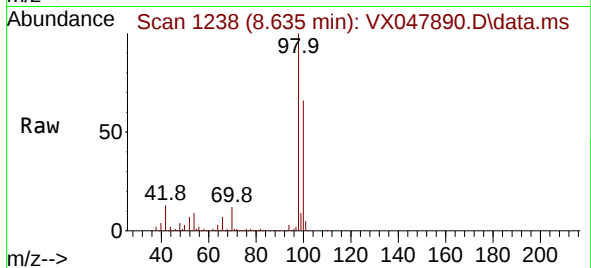




#50
Toluene-d8
Concen: 48.572 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047890.D
Acq: 29 Sep 2025 17:26

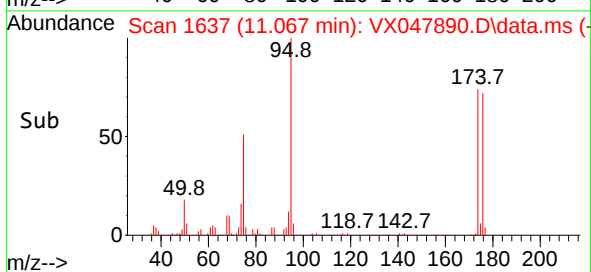
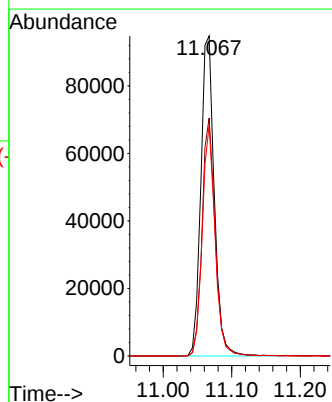
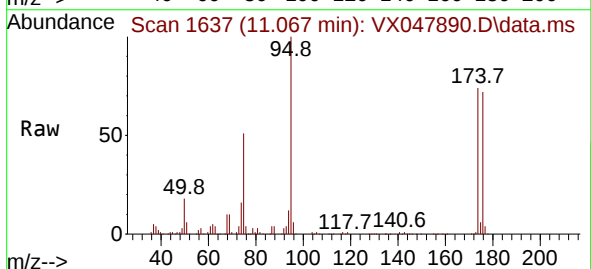
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-420-422

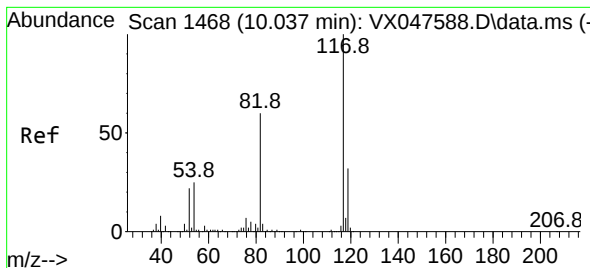
Tgt Ion: 98 Resp: 298703
Ion Ratio Lower Upper
98 100
100 66.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.459 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047890.D
Acq: 29 Sep 2025 17:26

Tgt Ion: 95 Resp: 129436
Ion Ratio Lower Upper
95 100
174 72.4 0.0 141.6
176 68.5 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: VX047890.D

Acq: 29 Sep 2025 17:26

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-420-422

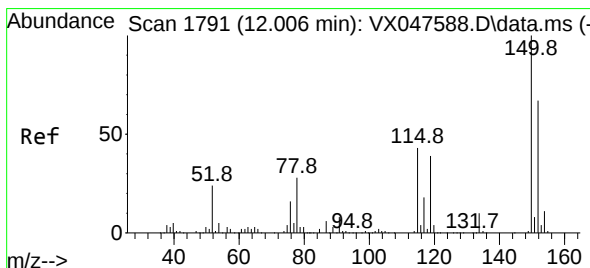
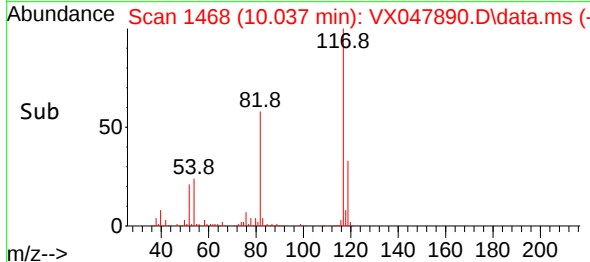
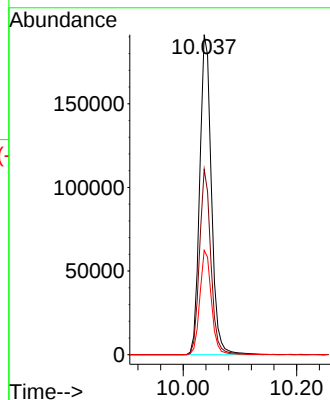
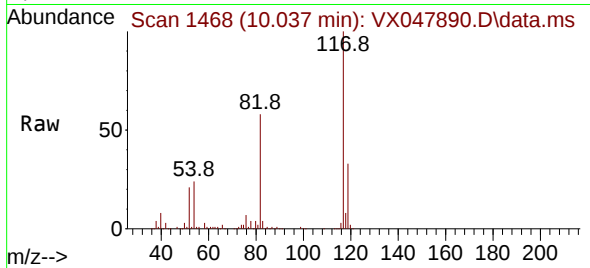
Tgt Ion:117 Resp: 273028

Ion Ratio Lower Upper

117 100

82 58.0 47.8 71.6

119 32.6 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: VX047890.D

Acq: 29 Sep 2025 17:26

Tgt Ion:152 Resp: 140306

Ion Ratio Lower Upper

152 100

115 62.0 44.9 134.5

150 156.0 0.0 352.0

