

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092925\
 Data File : VX047887.D
 Acq On : 29 Sep 2025 16:23
 Operator : JC/MD
 Sample : Q3213-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-360-362

Quant Time: Sep 30 01:23:24 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)

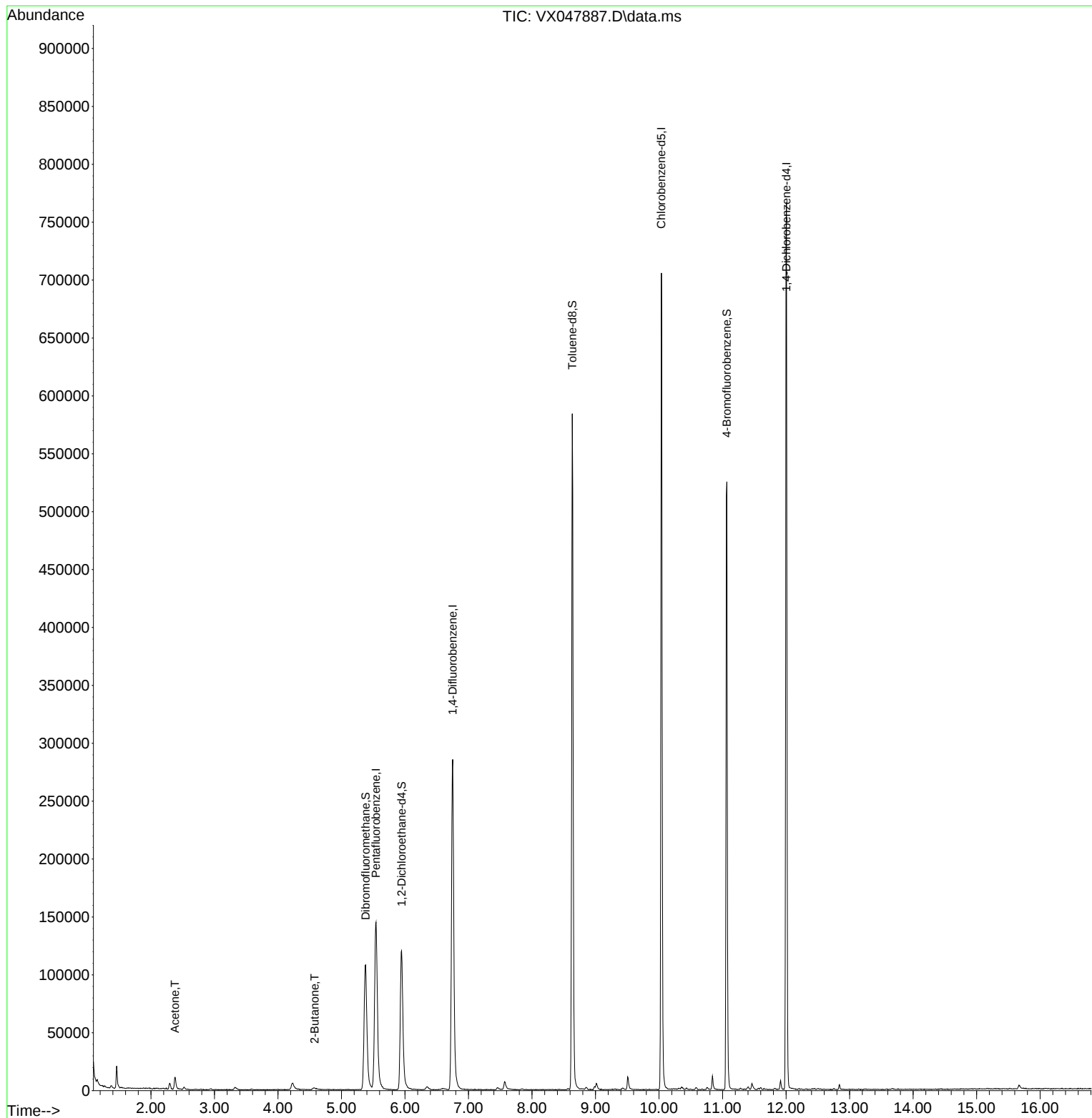
Internal Standards						
1) Pentafluorobenzene	5.544	168	147966	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	308643	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	320742	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	164731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	130174	55.270	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	110.540%
35) Dibromofluoromethane	5.379	113	105173	50.810	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.620%
50) Toluene-d8	8.635	98	353678	49.380	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.760%
62) 4-Bromofluorobenzene	11.067	95	156453	57.557	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	115.120%
Target Compounds						Qvalue
16) Acetone	2.380	43	14228	13.894	ug/l	96
25) 2-Butanone	4.574	43	3897	3.051	ug/l #	81

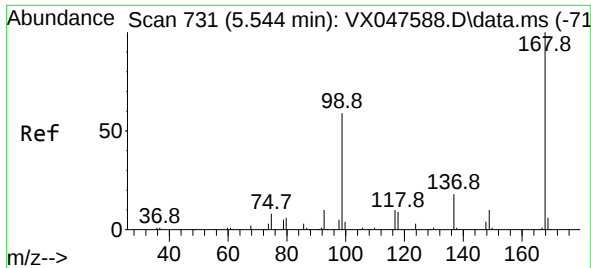
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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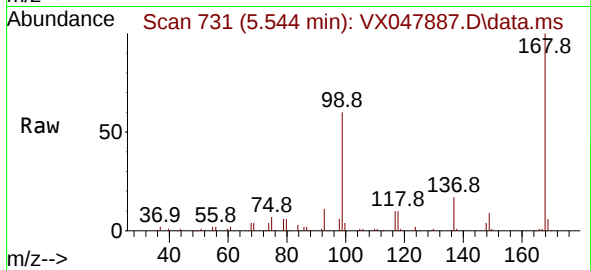
Quant Time: Sep 30 01:23:24 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
Quant Title : SW846 8260
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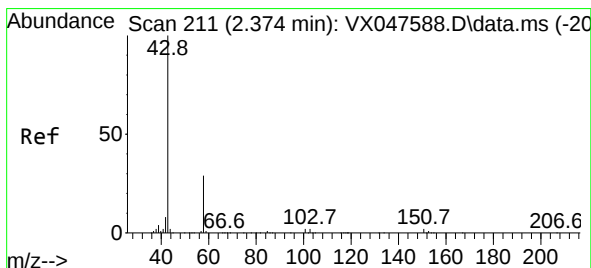
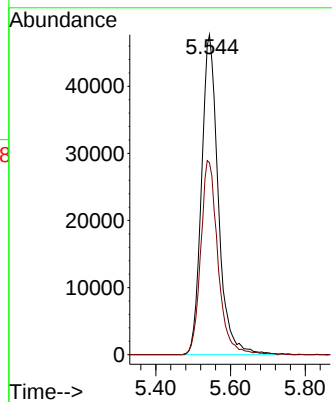
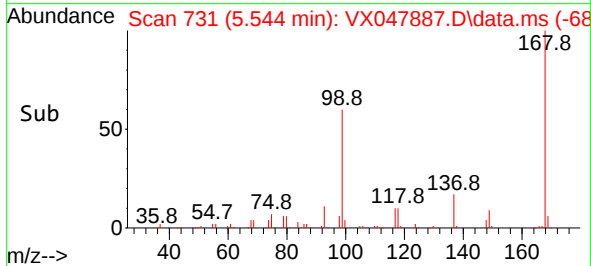


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX047887.D
Acq: 29 Sep 2025 16:23

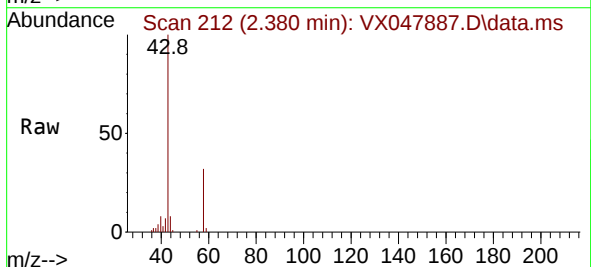
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-360-362



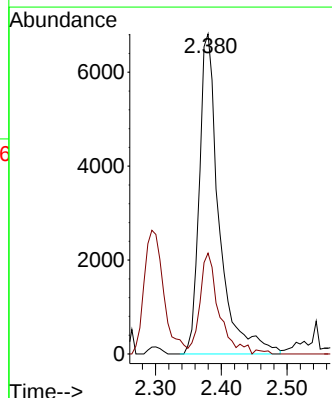
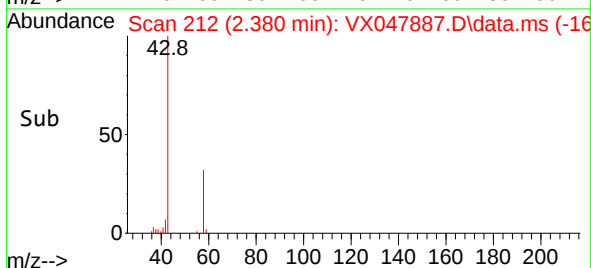
Tgt Ion:168 Resp: 147966
Ion Ratio Lower Upper
168 100
99 60.0 48.8 73.2

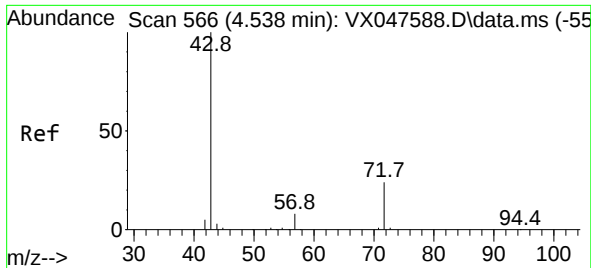


#16
Acetone
Concen: 13.894 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX047887.D
Acq: 29 Sep 2025 16:23



Tgt Ion: 43 Resp: 14228
Ion Ratio Lower Upper
43 100
58 31.5 23.4 35.0

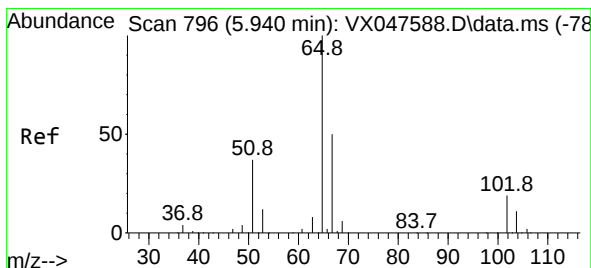
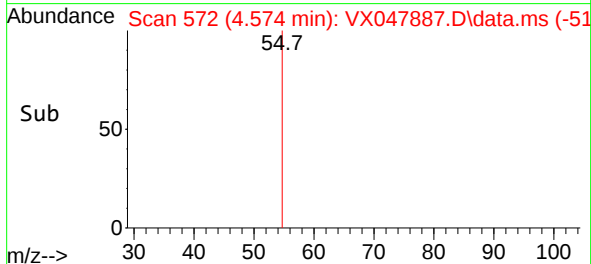
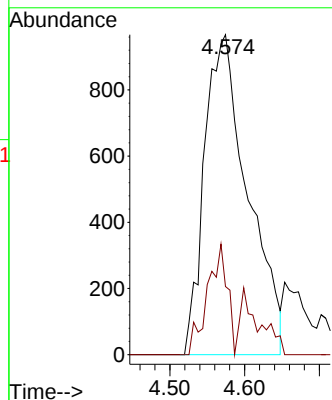
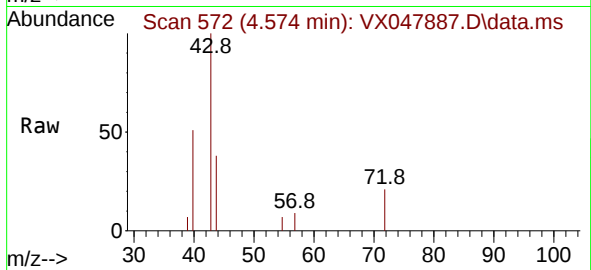




#25
2-Butanone
Concen: 3.051 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.036 min
Lab File: VX047887.D
Acq: 29 Sep 2025 16:23

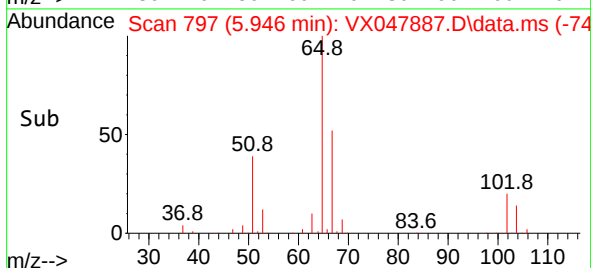
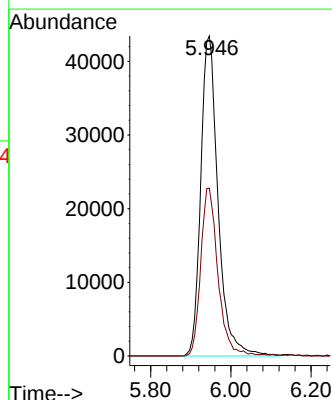
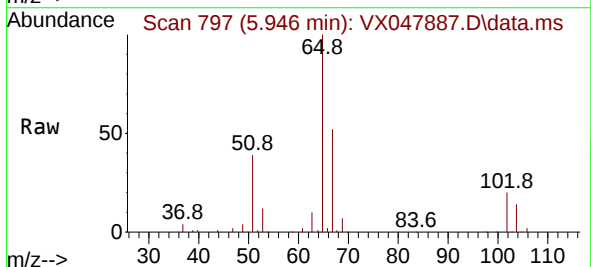
Instrument :
MSVOA_X
ClientSampleId :
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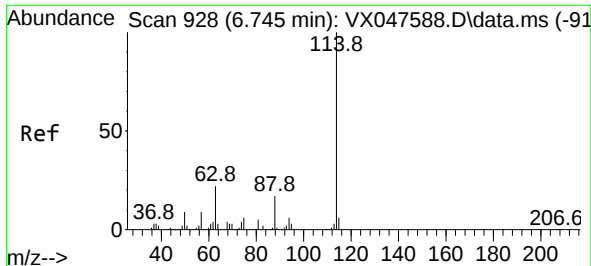
Tgt Ion: 43 Resp: 3897
Ion Ratio Lower Upper
43 100
72 15.4 20.1 30.1#



#33
1,2-Dichloroethane-d4
Concen: 55.270 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX047887.D
Acq: 29 Sep 2025 16:23

Tgt Ion: 65 Resp: 130174
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.0

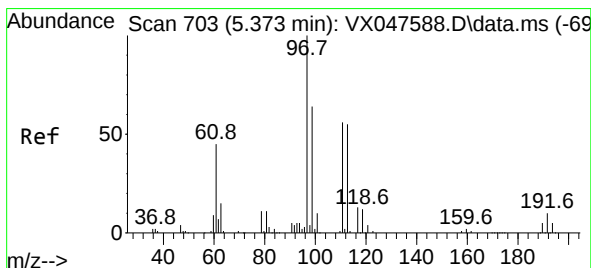
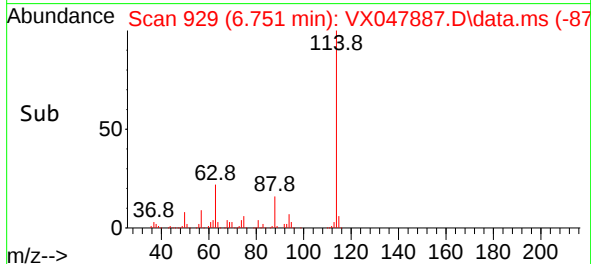
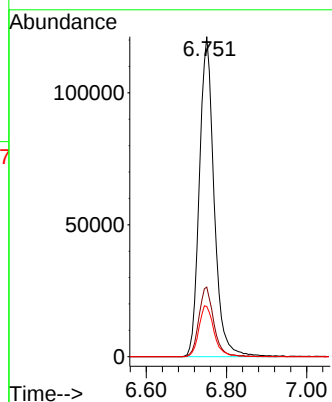
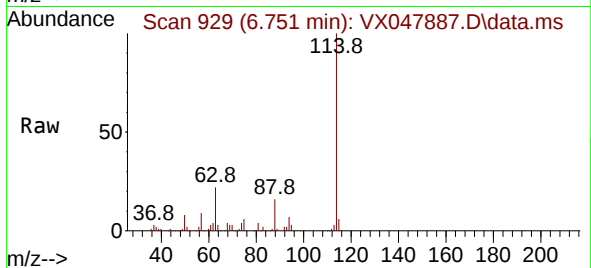




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX047887.D
Acq: 29 Sep 2025 16:23

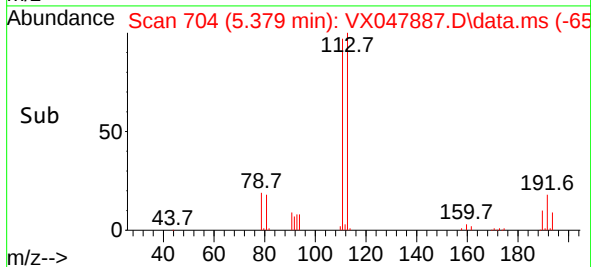
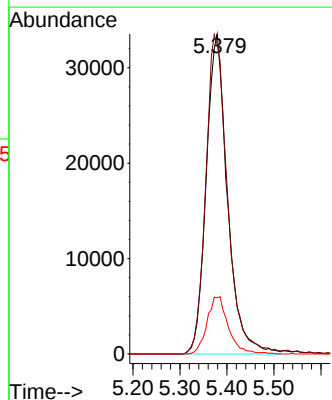
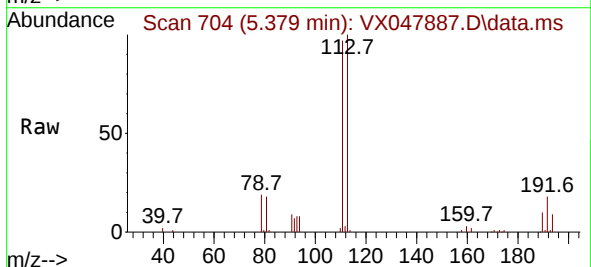
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-360-362

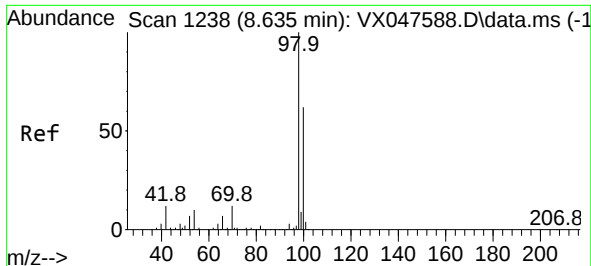
Tgt Ion:114 Resp: 308643
Ion Ratio Lower Upper
114 100
63 21.7 0.0 44.0
88 15.7 0.0 34.2



#35
Dibromofluoromethane
Concen: 50.810 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX047887.D
Acq: 29 Sep 2025 16:23

Tgt Ion:113 Resp: 105173
Ion Ratio Lower Upper
113 100
111 102.5 80.9 121.3
192 18.0 14.2 21.4

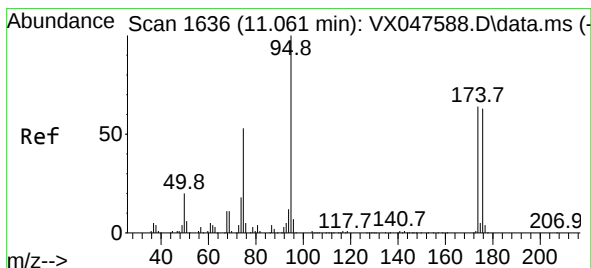
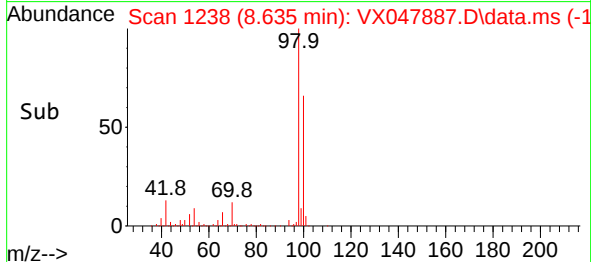
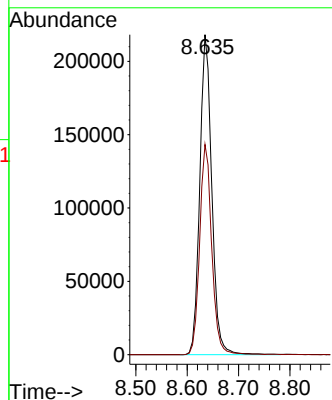
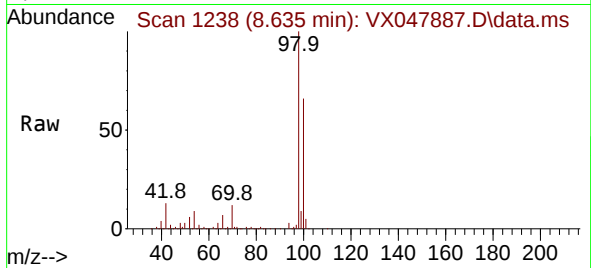




#50
Toluene-d8
Concen: 49.380 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX047887.D
Acq: 29 Sep 2025 16:23

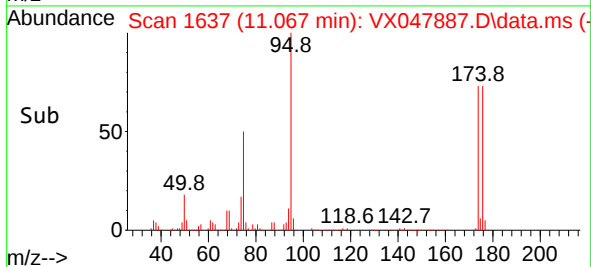
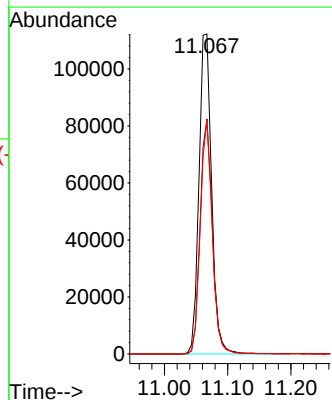
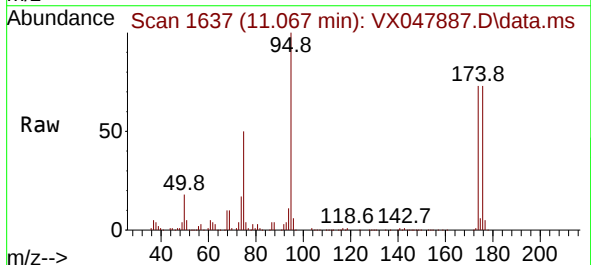
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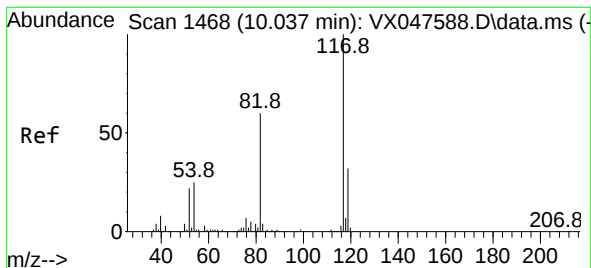
Tgt Ion: 98 Resp: 353678
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 57.557 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX047887.D
Acq: 29 Sep 2025 16:23

Tgt Ion: 95 Resp: 156453
Ion Ratio Lower Upper
95 100
174 71.3 0.0 141.6
176 69.1 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: VX047887.D

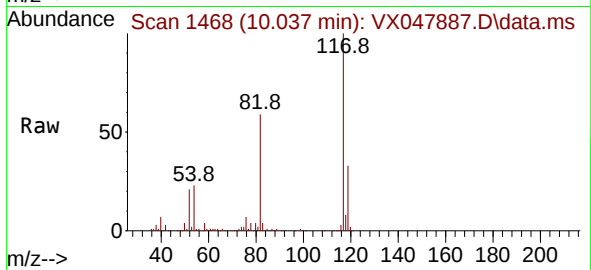
Acq: 29 Sep 2025 16:23

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-360-362



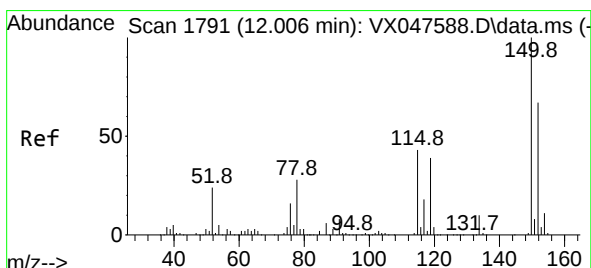
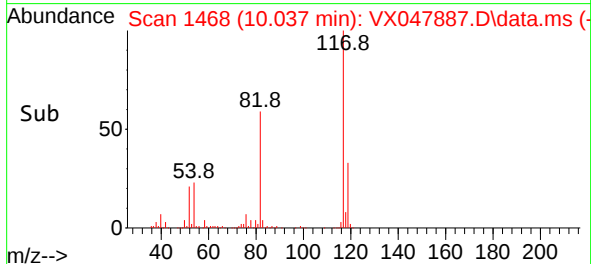
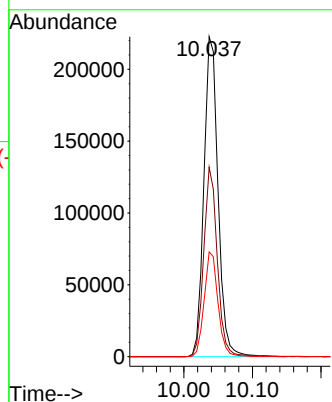
Tgt Ion:117 Resp: 320742

Ion Ratio Lower Upper

117 100

82 59.2 47.8 71.6

119 32.8 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: VX047887.D

Acq: 29 Sep 2025 16:23

Tgt Ion:152 Resp: 164731

Ion Ratio Lower Upper

152 100

115 62.3 44.9 134.5

150 157.7 0.0 352.0

