

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
 Data File : VX048112.D
 Acq On : 10 Oct 2025 15:13
 Operator : JC/MD
 Sample : Q3324-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-860-862

Quant Time: Oct 10 23:49:39 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)

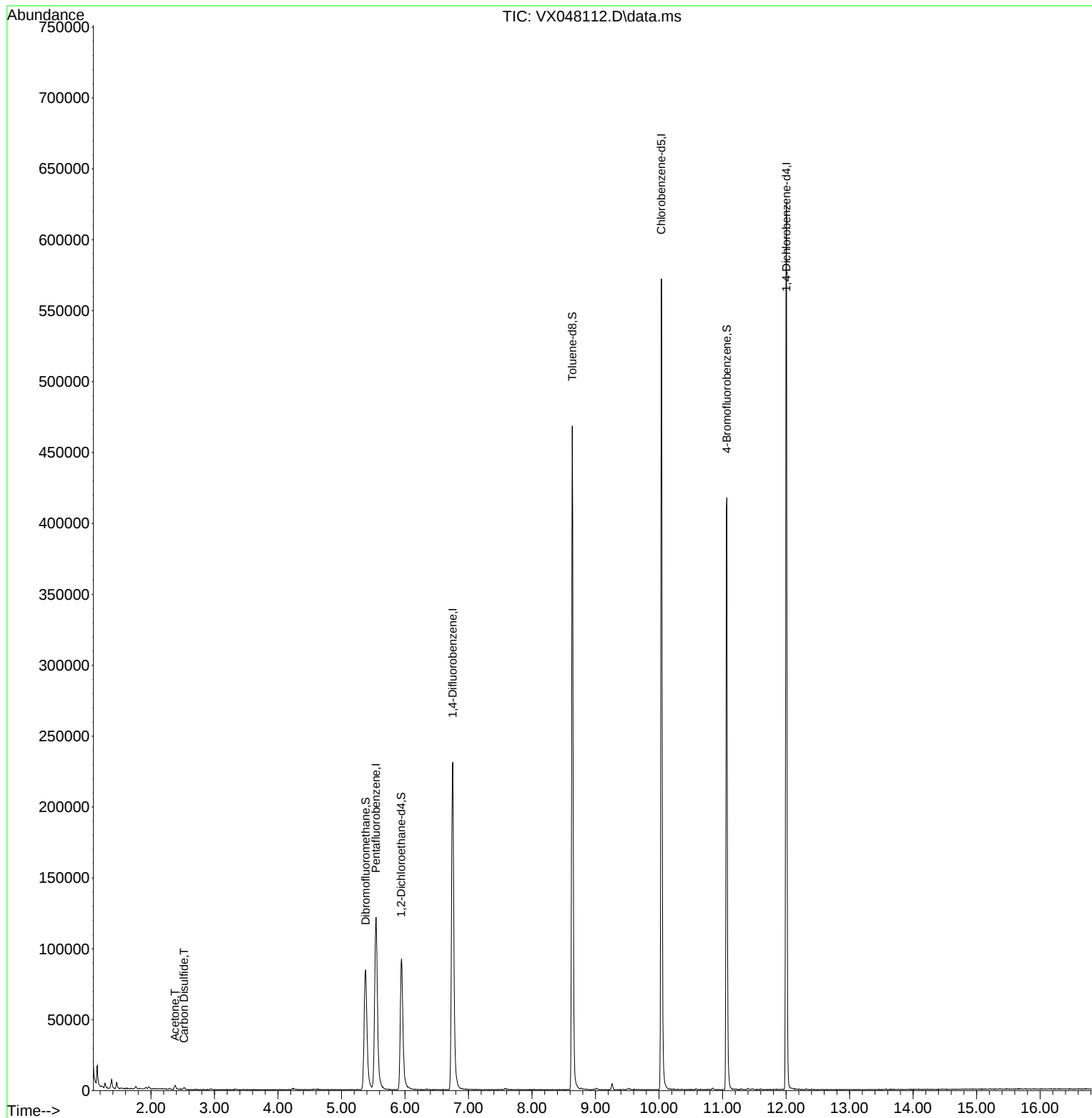
Internal Standards						
1) Pentafluorobenzene	5.544	168	118979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	249066	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	261922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	131287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	102388	54.064	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.120%	
35) Dibromofluoromethane	5.379	113	82913	49.637	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.280%	
50) Toluene-d8	8.635	98	281261	48.663	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 97.320%	
62) 4-Bromofluorobenzene	11.067	95	122524	55.857	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.720%	
Target Compounds						Qvalue
16) Acetone	2.380	43	4046	4.913	ug/l	91
17) Carbon Disulfide	2.520	76	1577	0.408	ug/l #	90

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

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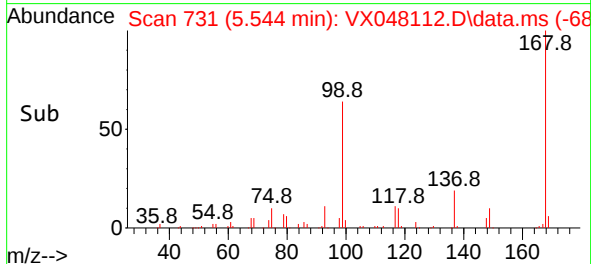
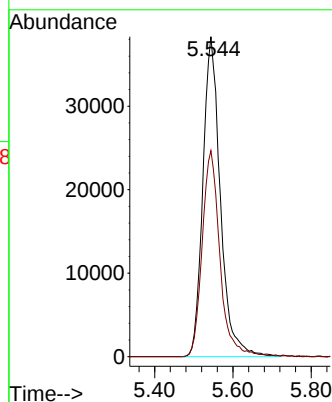
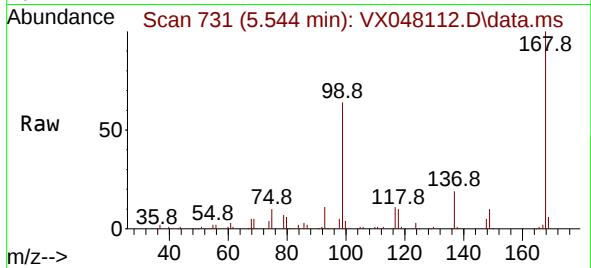




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

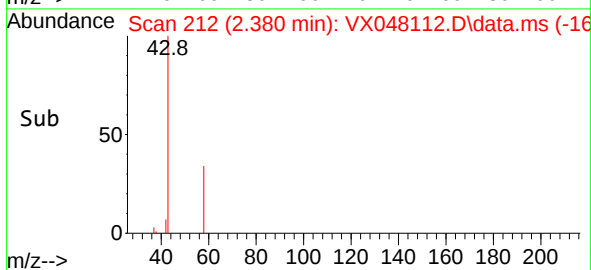
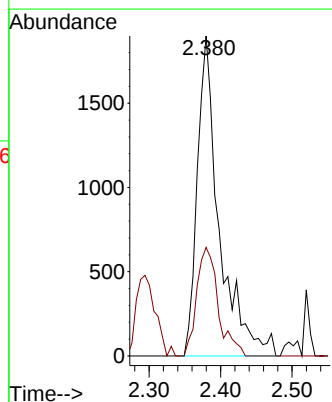
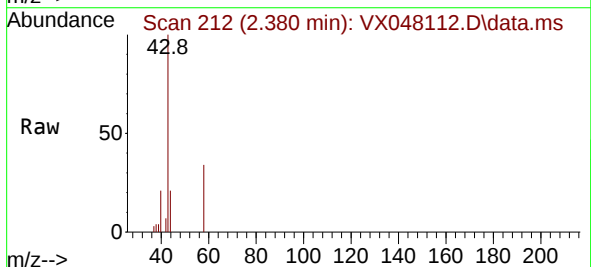
Instrument :
MSVOA_X
ClientSampleId :
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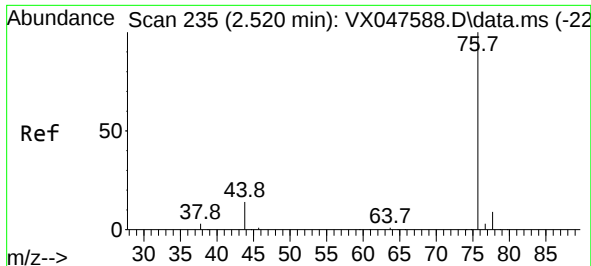
Tgt Ion:168 Resp: 118979
Ion Ratio Lower Upper
168 100
99 64.4 48.8 73.2



#16
Acetone
Concen: 4.913 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

Tgt Ion: 43 Resp: 4046
Ion Ratio Lower Upper
43 100
58 33.9 23.4 35.0

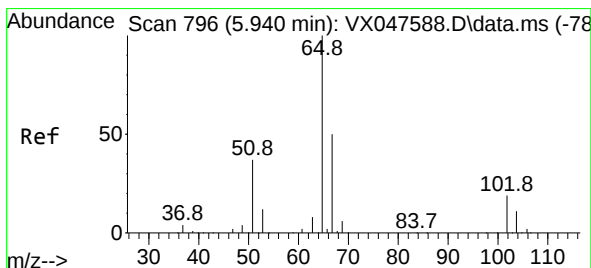
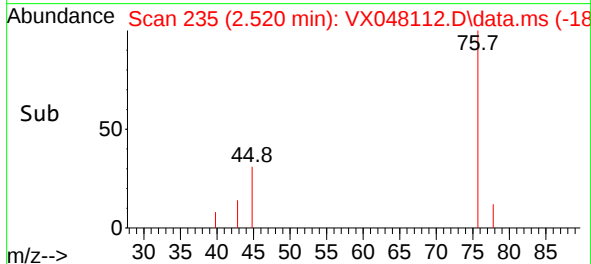
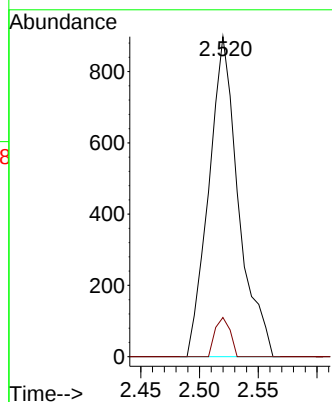
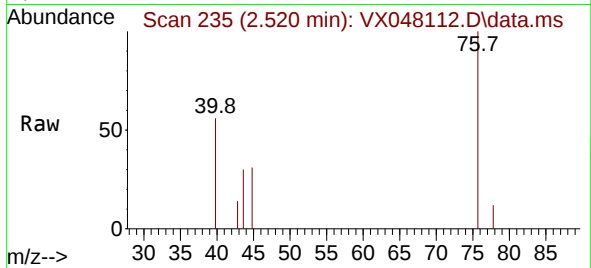




#17
Carbon Disulfide
Concen: 0.408 ug/l
RT: 2.520 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

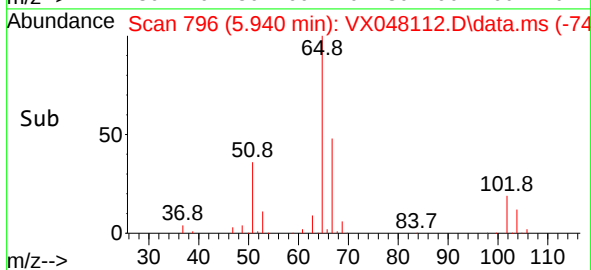
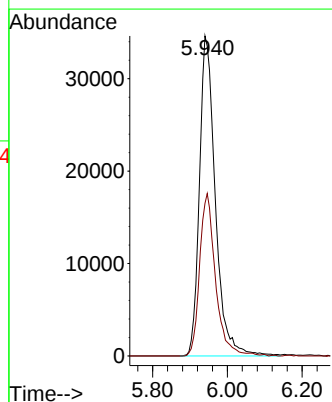
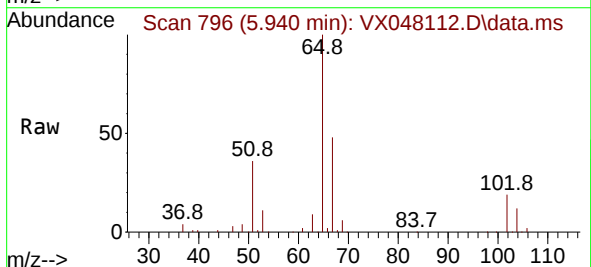
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-860-862

Tgt Ion: 76 Resp: 1577
Ion Ratio Lower Upper
76 100
78 12.2 6.8 10.2#



#33
1,2-Dichloroethane-d4
Concen: 54.064 ug/l
RT: 5.940 min Scan# 796
Delta R.T. -0.000 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

Tgt Ion: 65 Resp: 102388
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.0

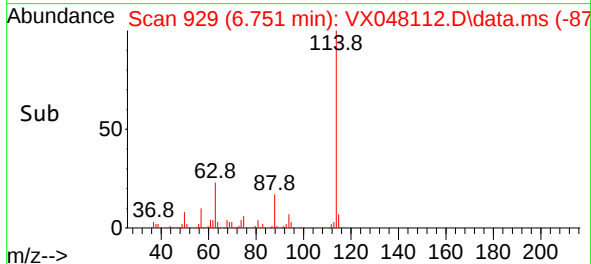
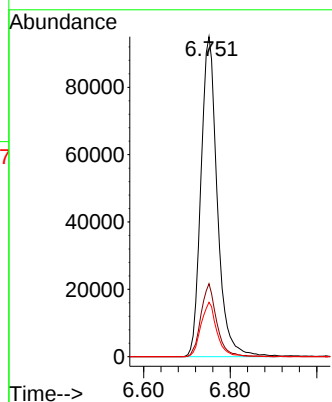
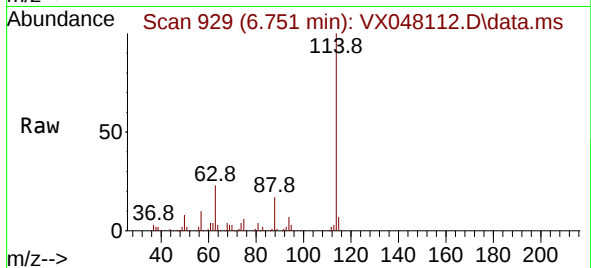




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

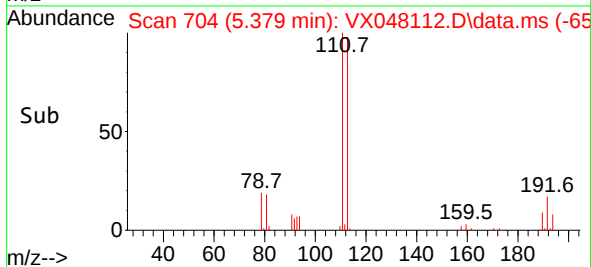
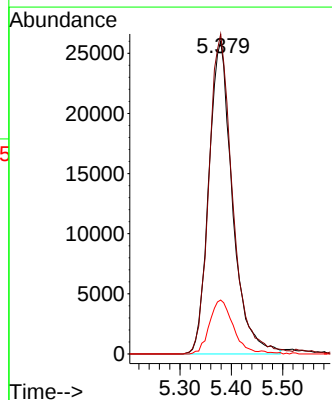
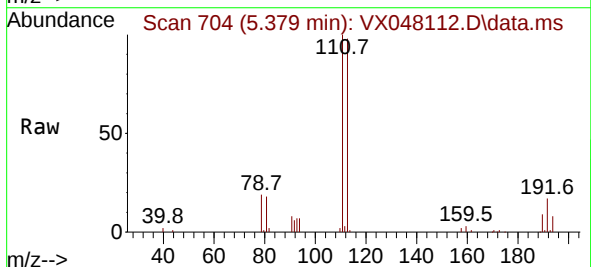
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-860-862

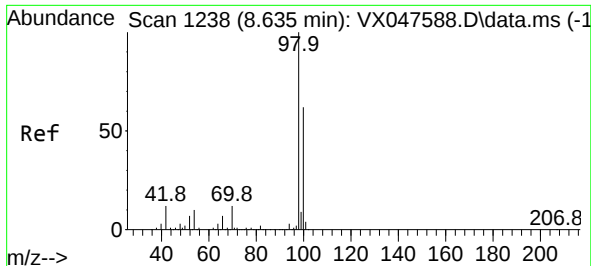
Tgt Ion:114 Resp: 249066
Ion Ratio Lower Upper
114 100
63 22.8 0.0 44.0
88 17.0 0.0 34.2



#35
Dibromofluoromethane
Concen: 49.637 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

Tgt Ion:113 Resp: 82913
Ion Ratio Lower Upper
113 100
111 102.9 80.9 121.3
192 17.1 14.2 21.4

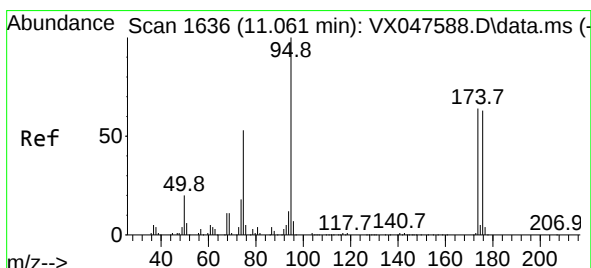
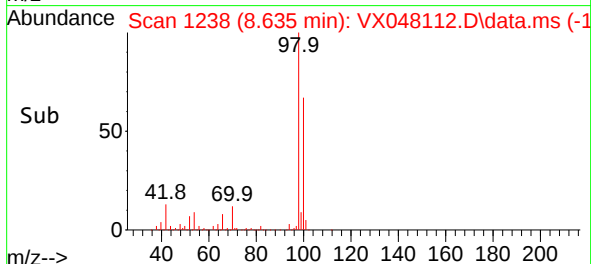
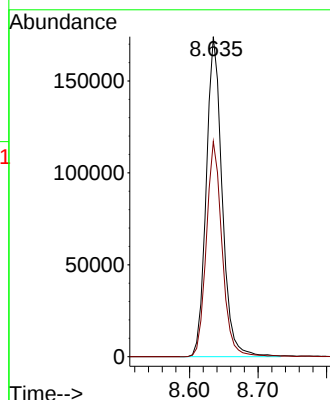
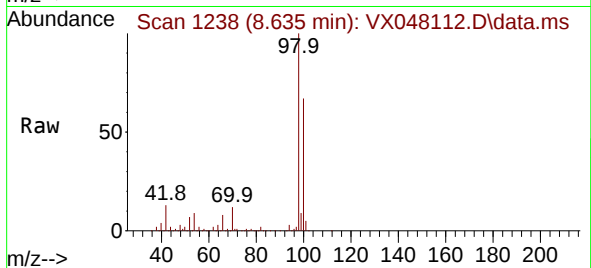




#50
Toluene-d8
Concen: 48.663 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

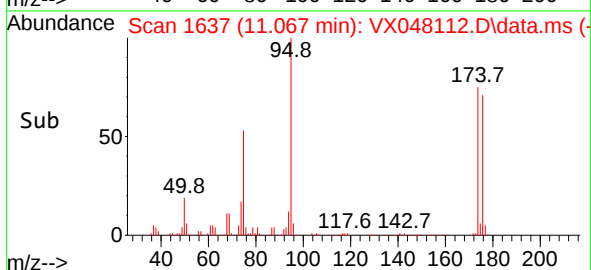
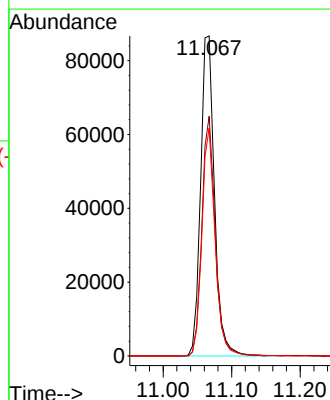
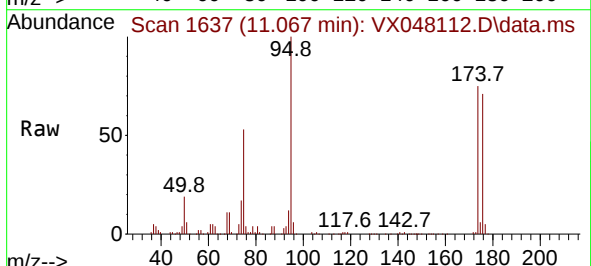
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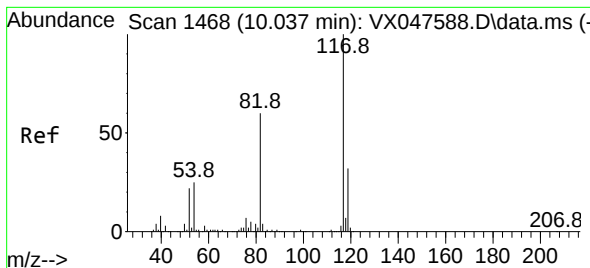
Tgt Ion: 98 Resp: 281261
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 55.857 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048112.D
Acq: 10 Oct 2025 15:13

Tgt Ion: 95 Resp: 122524
Ion Ratio Lower Upper
95 100
174 71.8 0.0 141.6
176 68.0 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: VX048112.D

Acq: 10 Oct 2025 15:13

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-860-862

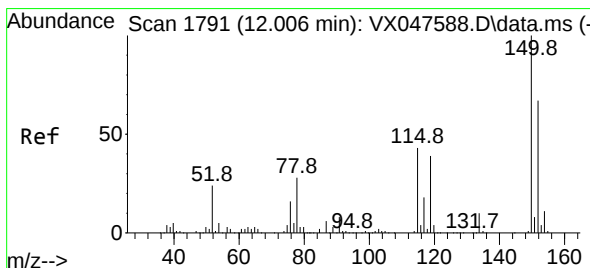
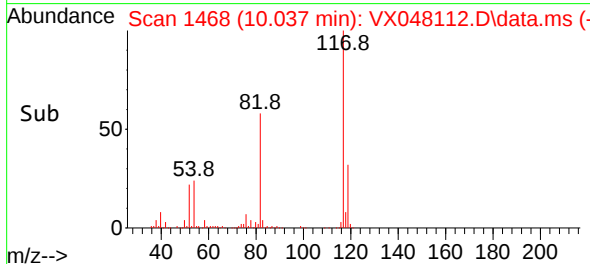
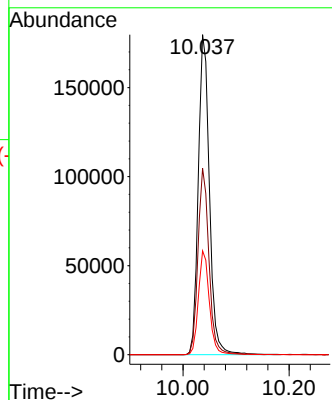
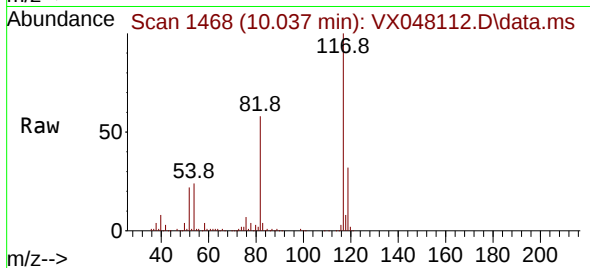
Tgt Ion:117 Resp: 261922

Ion Ratio Lower Upper

117 100

82 58.2 47.8 71.6

119 32.5 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: VX048112.D

Acq: 10 Oct 2025 15:13

Tgt Ion:152 Resp: 131287

Ion Ratio Lower Upper

152 100

115 62.4 44.9 134.5

150 157.3 0.0 352.0

