

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101325\
 Data File : VX048130.D
 Acq On : 13 Oct 2025 11:03
 Operator : JC/MD
 Sample : Q3324-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-184-GW-EB-20251009

Quant Time: Oct 14 01:51:09 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)

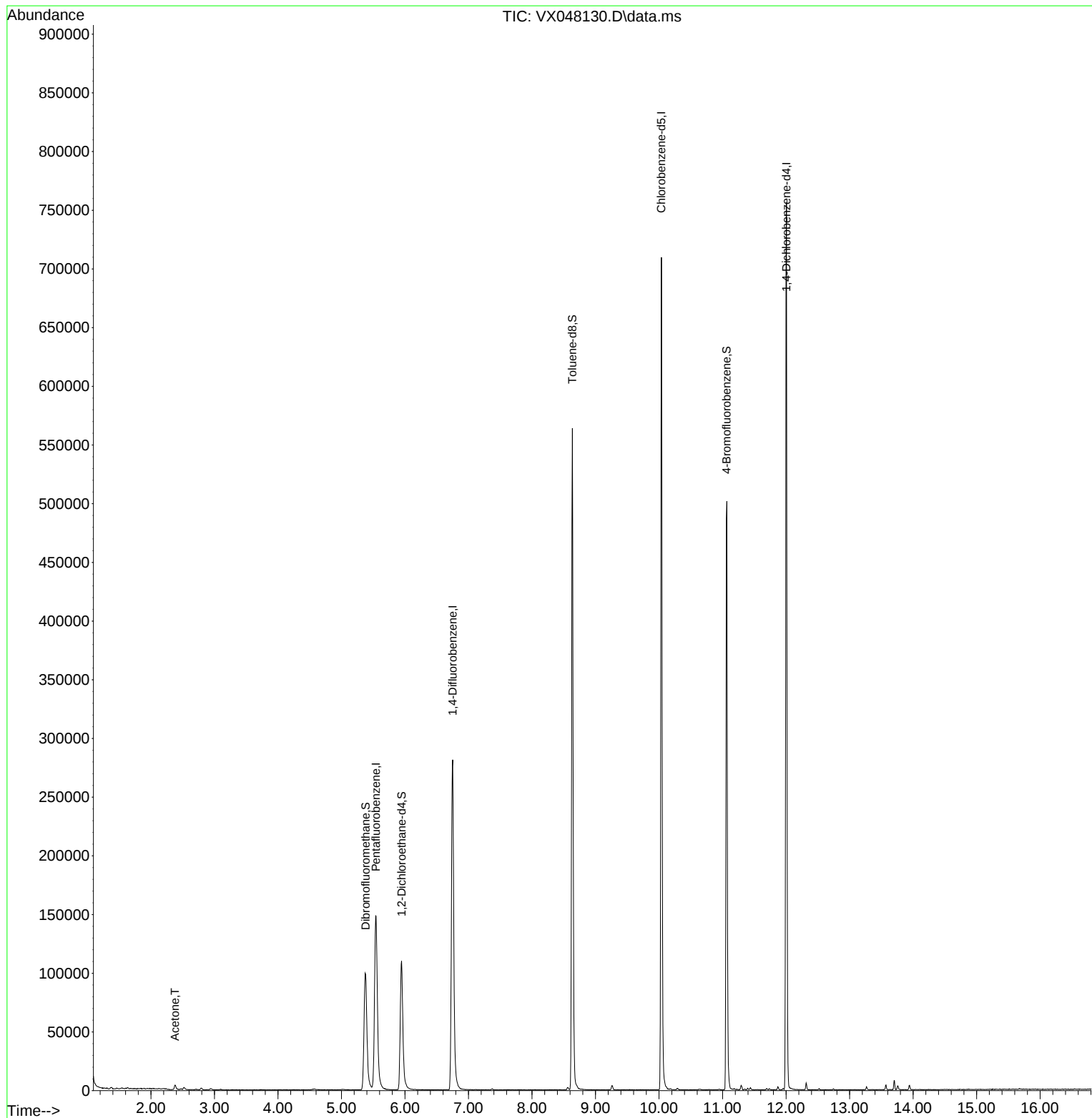
Internal Standards						
1) Pentafluorobenzene	5.543	168	150033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	306612	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	313607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	159311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	120457	50.440	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 100.880%		
35) Dibromofluoromethane	5.379	113	99420	48.349	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 96.700%		
50) Toluene-d8	8.634	98	341571	48.006	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 96.020%		
62) 4-Bromofluorobenzene	11.061	95	148105	54.846	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 109.700%		
Target Compounds						
16) Acetone	2.379	43	5251	5.057	ug/l	Qvalue 99

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

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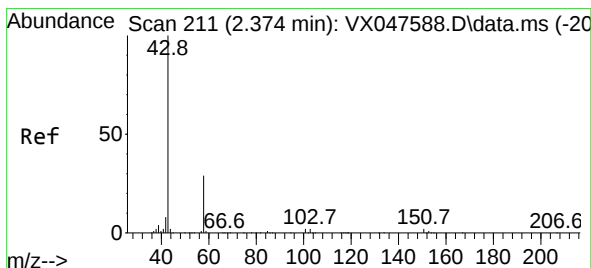
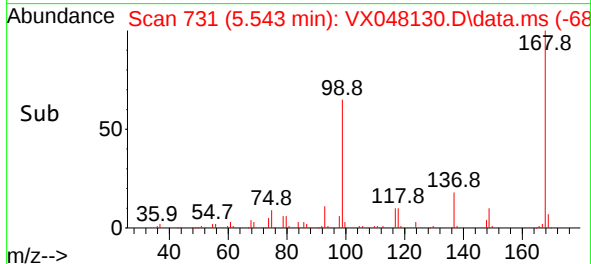
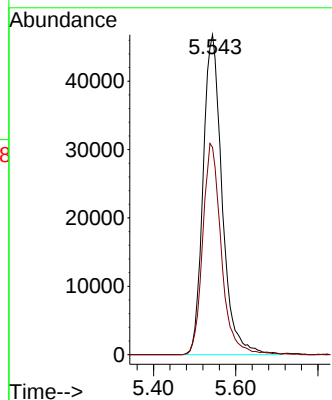
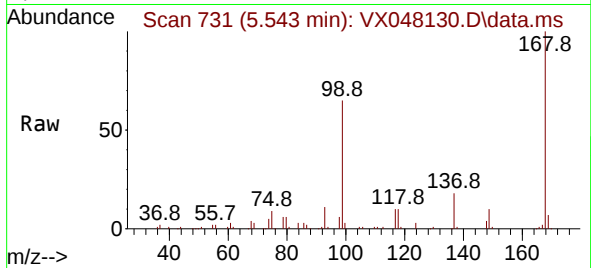




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048130.D
Acq: 13 Oct 2025 11:03

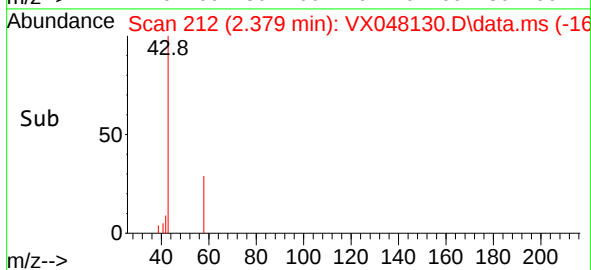
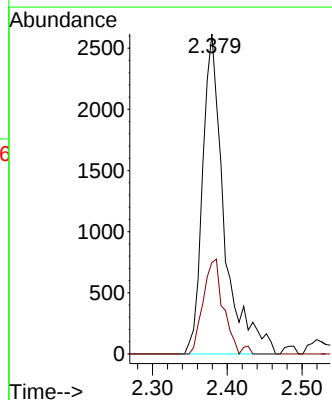
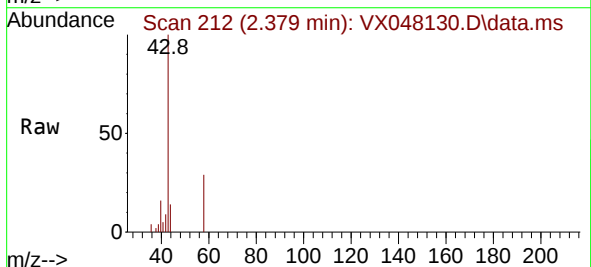
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-GW-EB-20251009

Tgt Ion:168 Resp: 150033
Ion Ratio Lower Upper
168 100
99 64.8 48.8 73.2



#16
Acetone
Concen: 5.057 ug/l
RT: 2.379 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX048130.D
Acq: 13 Oct 2025 11:03

Tgt Ion: 43 Resp: 5251
Ion Ratio Lower Upper
43 100
58 28.5 23.4 35.0





#33

1,2-Dichloroethane-d4

Concen: 50.440 ug/l

RT: 5.946 min Scan# 796

Delta R.T. 0.006 min

Lab File: VX048130.D

Acq: 13 Oct 2025 11:03

Instrument :

MSVOA_X

ClientSampleId :

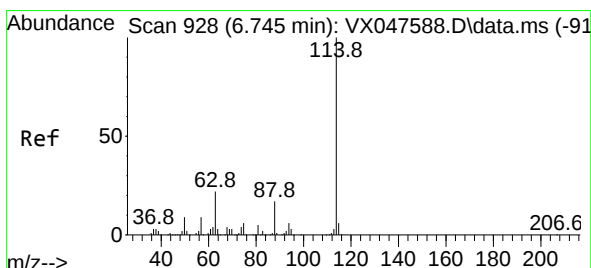
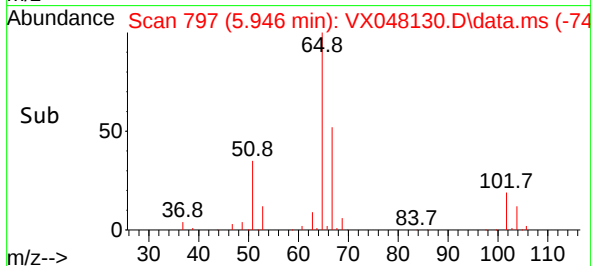
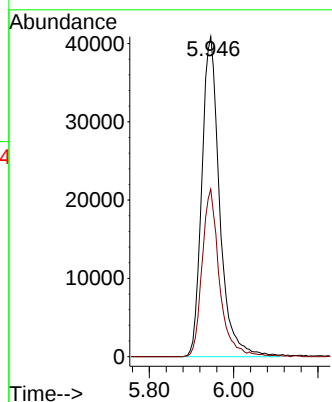
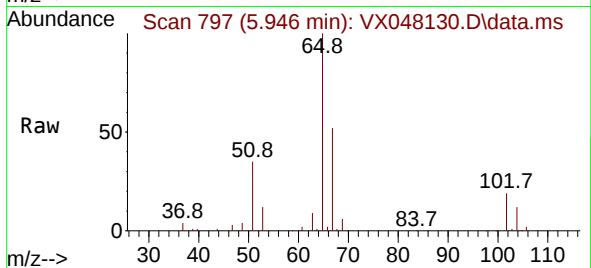
BP-VPB-184-GW-EB-20251009

Tgt Ion: 65 Resp: 120457

Ion Ratio Lower Upper

65 100

67 50.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.750 min Scan# 929

Delta R.T. 0.006 min

Lab File: VX048130.D

Acq: 13 Oct 2025 11:03

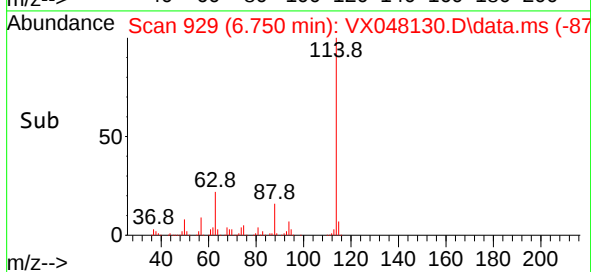
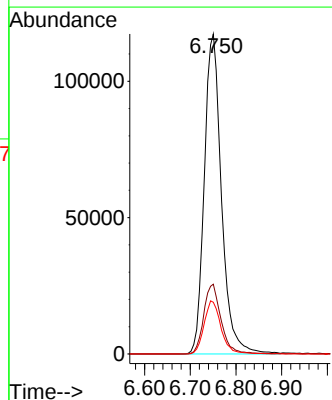
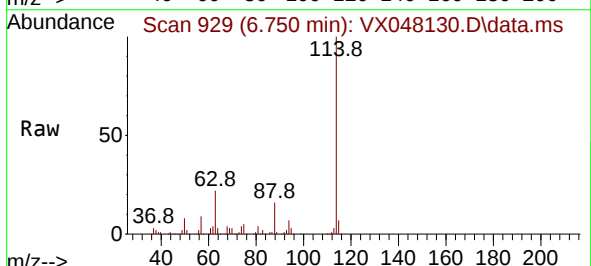
Tgt Ion: 114 Resp: 306612

Ion Ratio Lower Upper

114 100

63 21.8 0.0 44.0

88 16.2 0.0 34.2

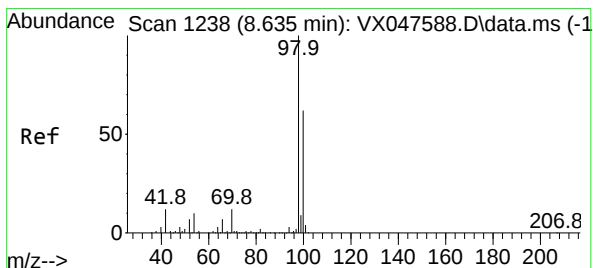
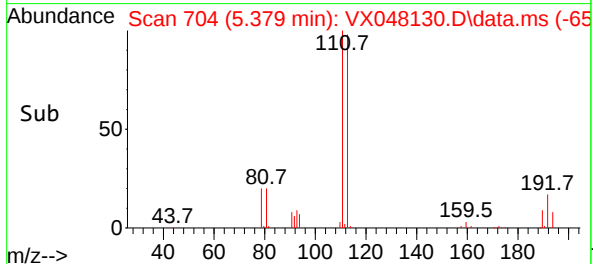
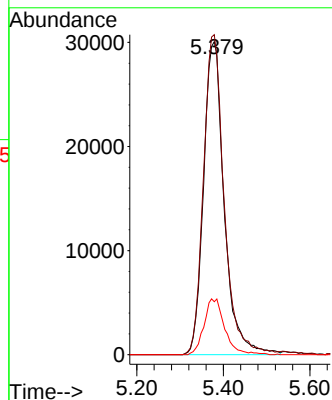
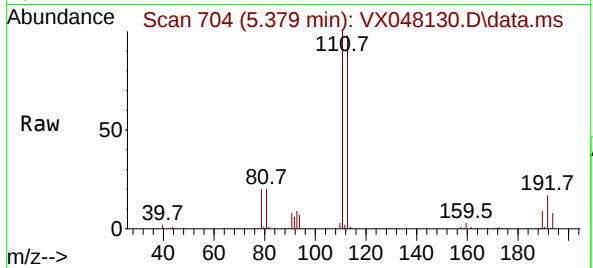




#35
Dibromofluoromethane
Concen: 48.349 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048130.D
Acq: 13 Oct 2025 11:03

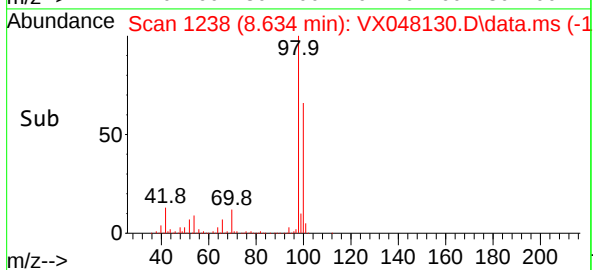
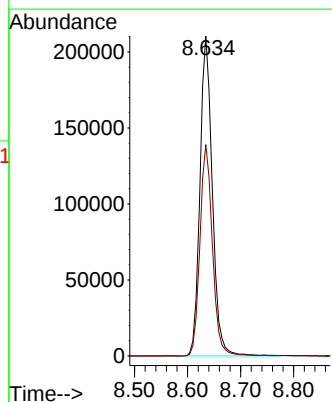
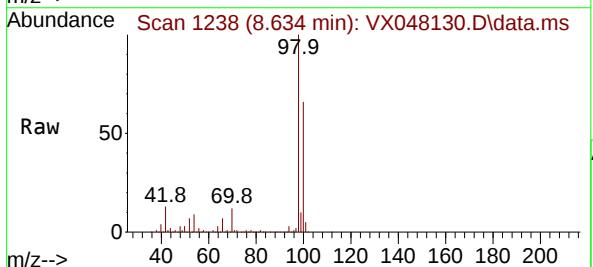
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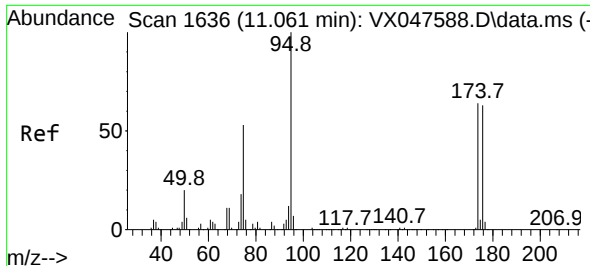
Tgt Ion:113 Resp: 99420
Ion Ratio Lower Upper
113 100
111 102.6 80.9 121.3
192 18.0 14.2 21.4



#50
Toluene-d8
Concen: 48.006 ug/l
RT: 8.634 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048130.D
Acq: 13 Oct 2025 11:03

Tgt Ion: 98 Resp: 341571
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.4

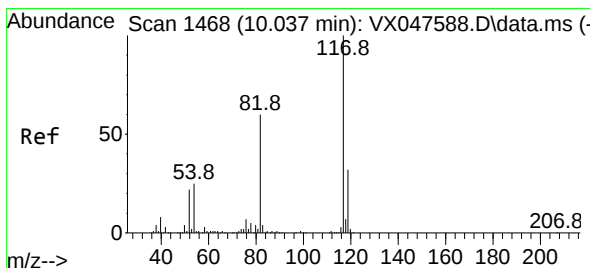
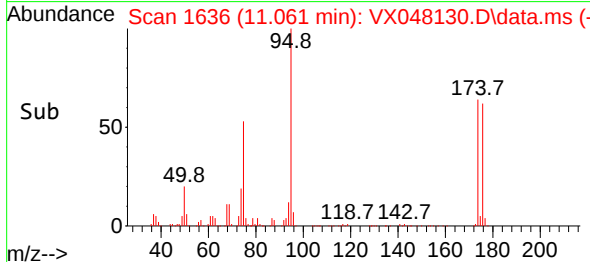
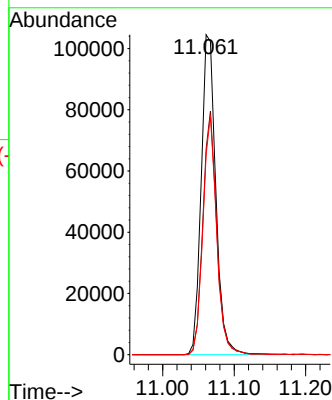
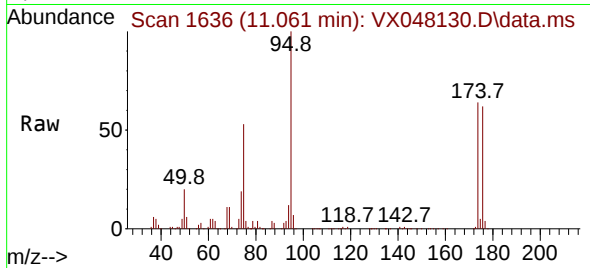




#62
4-Bromofluorobenzene
Concen: 54.846 ug/l
RT: 11.061 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048130.D
Acq: 13 Oct 2025 11:03

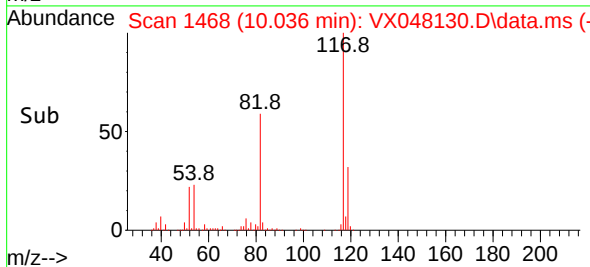
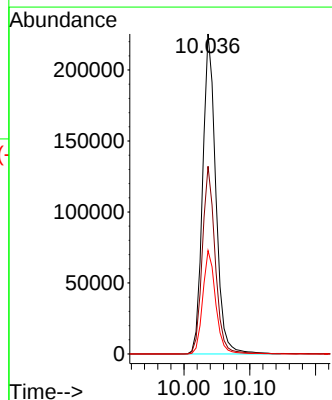
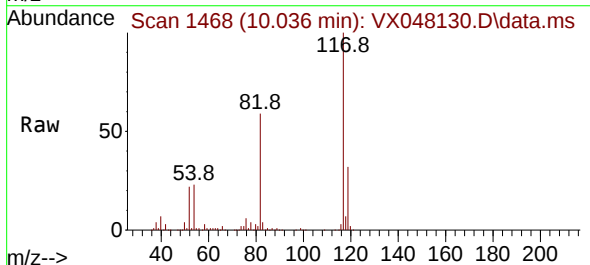
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ClientSampleId :
BP-VPB-184-GW-EB-20251009

Tgt Ion: 95 Resp: 148105
Ion Ratio Lower Upper
95 100
174 72.6 0.0 141.6
176 70.2 0.0 138.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.036 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VX048130.D
Acq: 13 Oct 2025 11:03

Tgt Ion: 117 Resp: 313607
Ion Ratio Lower Upper
117 100
82 58.6 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# 11

Delta R.T. -0.000 min

Lab File: VX048130.D

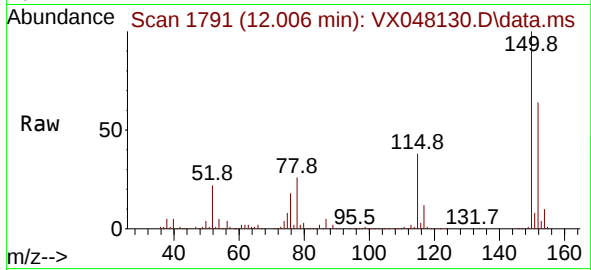
Acq: 13 Oct 2025 11:03

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-GW-EB-20251009



Tgt Ion:152 Resp: 159311

Ion Ratio Lower Upper

152 100

115 60.8 44.9 134.5

150 154.9 0.0 352.0

