

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-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)

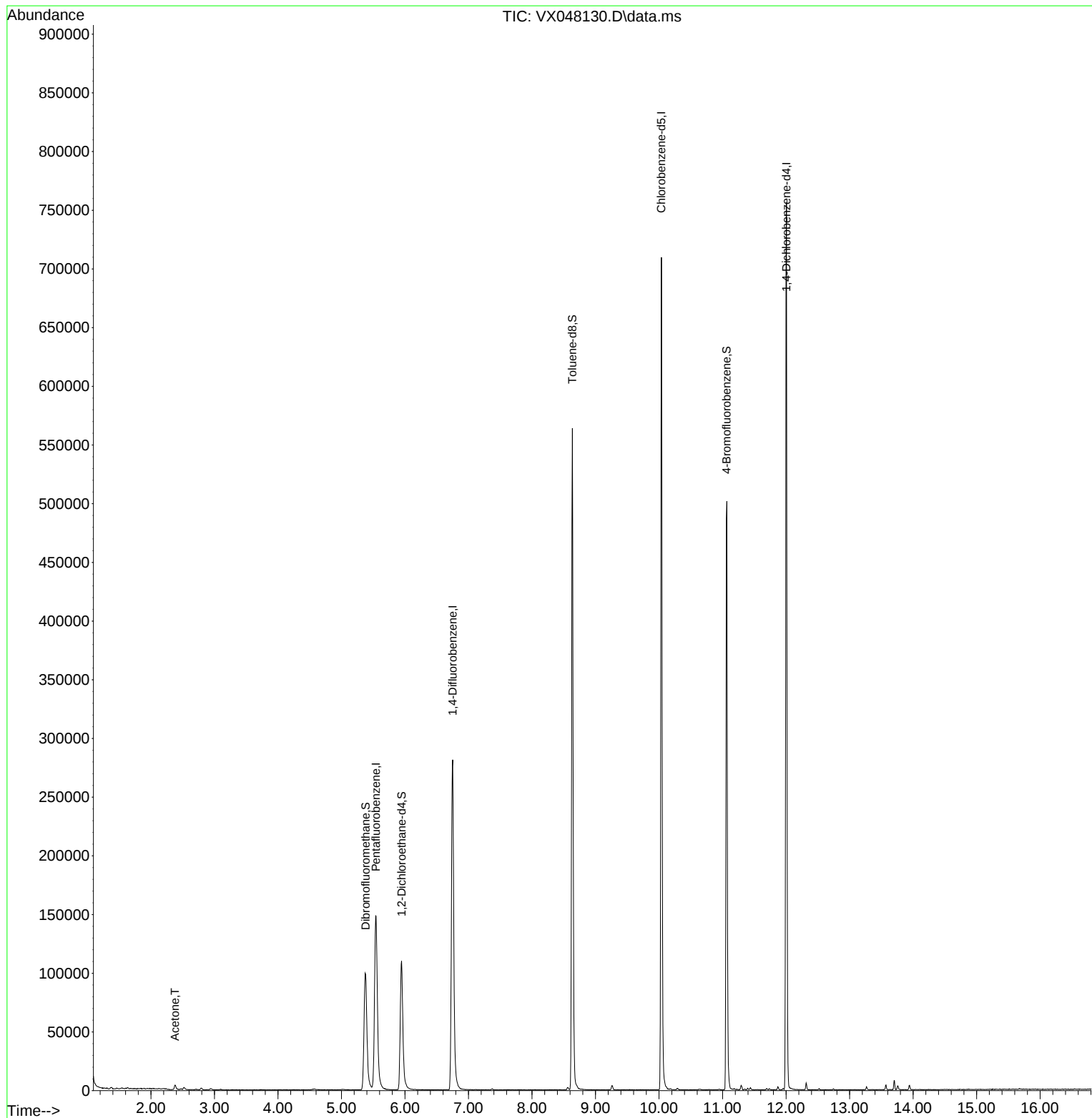
Internal Standards						
1) Pentafluorobenzene	5.543	168	150033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	306612	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.036	117	313607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	159311	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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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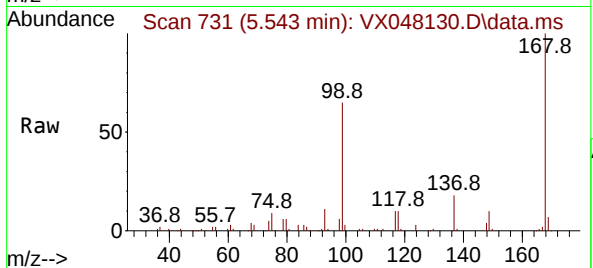
Quant Time: Oct 14 01:51:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091625W.M
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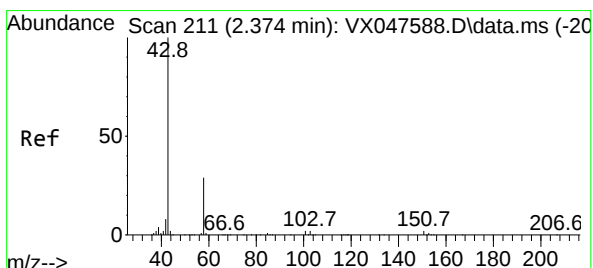
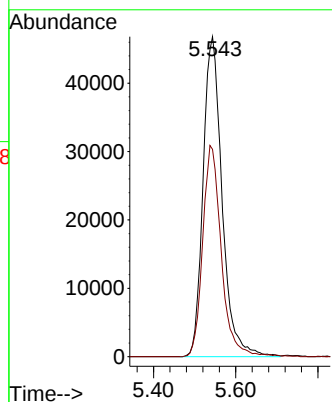
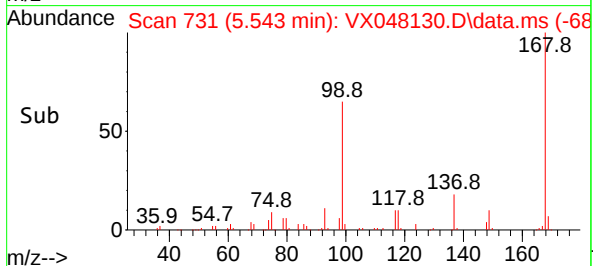


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX048130.D
Acq: 13 Oct 2025 11:03

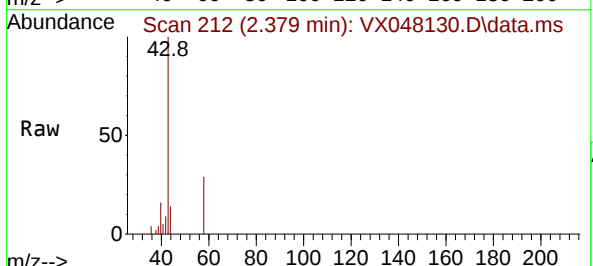
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20251009



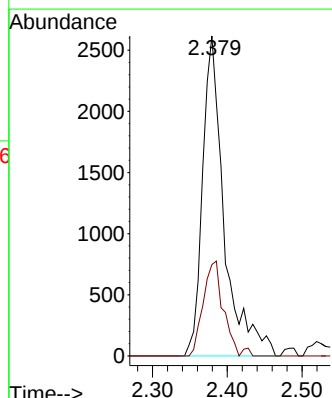
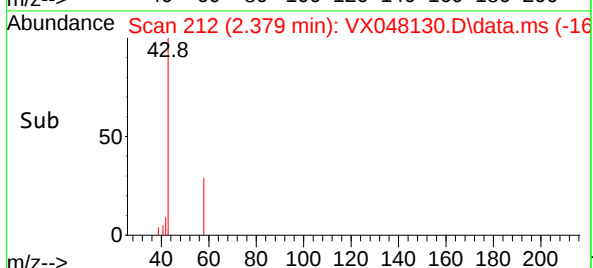
Tgt Ion:168 Resp: 150033
Ion Ratio Lower Upper
168 100
99 64.8 48.8 73.2



#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

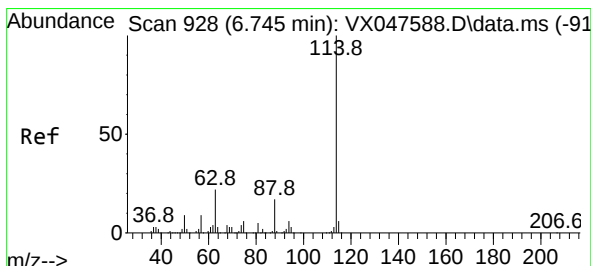
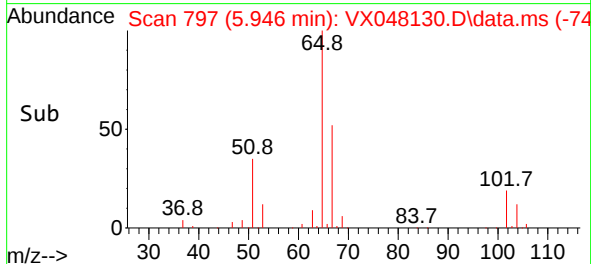
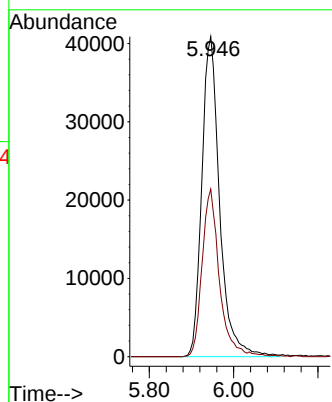
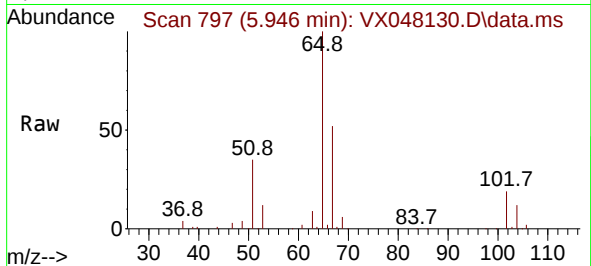




#33
 1,2-Dichloroethane-d4
 Concen: 50.440 ug/l
 RT: 5.946 min Scan# 796
 Delta R.T. 0.006 min
 Lab File: VX048130.D
 Acq: 13 Oct 2025 11:03

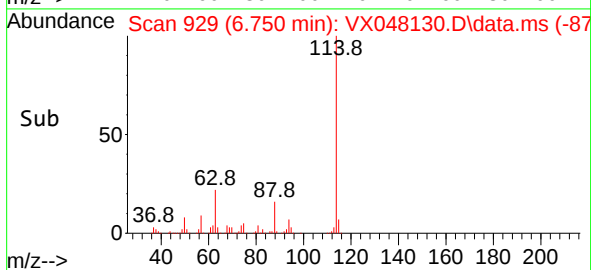
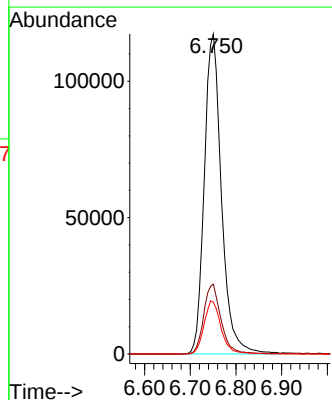
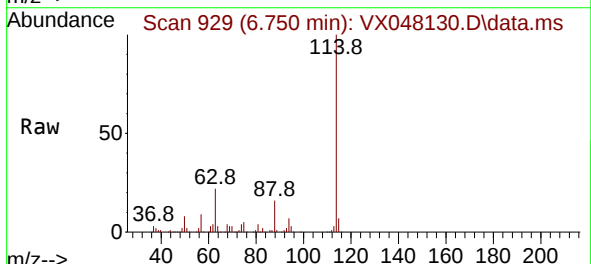
Instrument :
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 ClientSampleId :
 BP-VPB-184-EB-20251009

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

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-EB-20251009

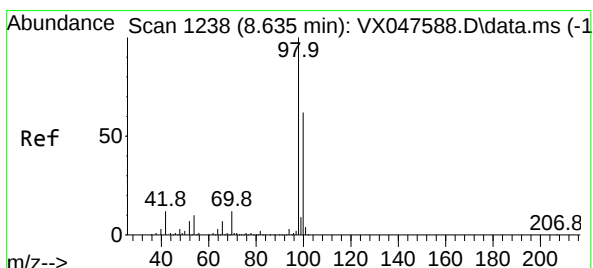
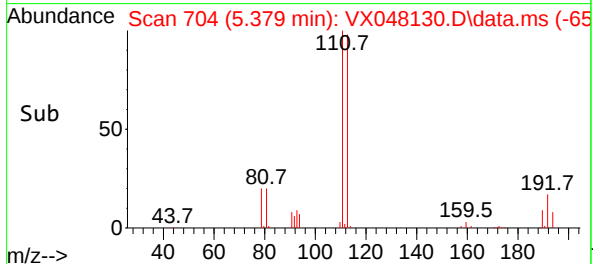
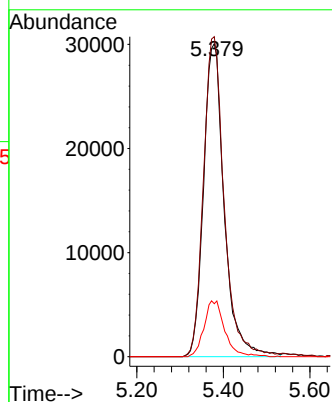
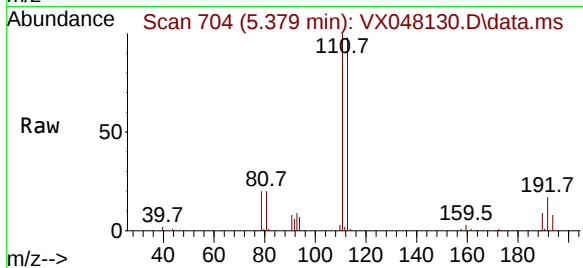
Tgt Ion:113 Resp: 99420

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

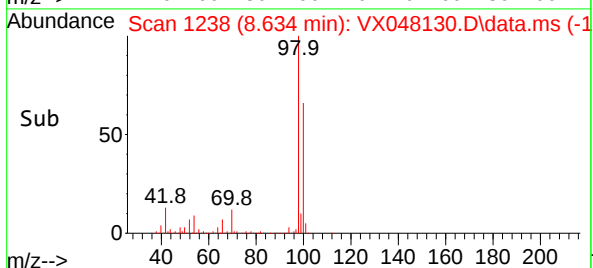
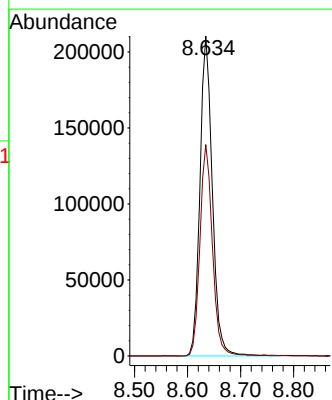
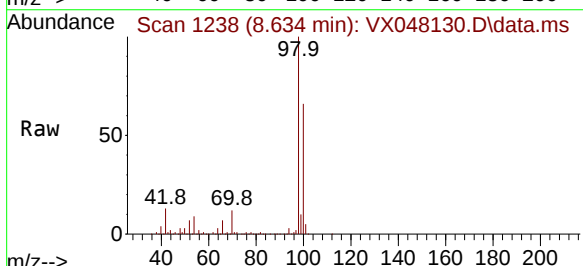
Acq: 13 Oct 2025 11:03

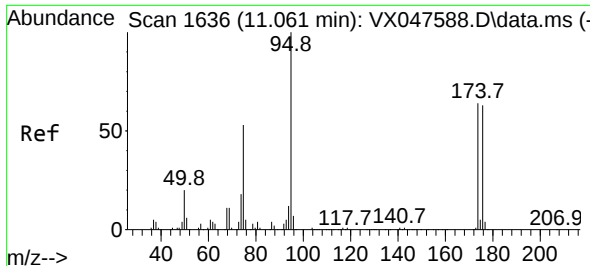
Tgt Ion: 98 Resp: 341571

Ion Ratio Lower Upper

98 100

100 66.7 53.0 79.4

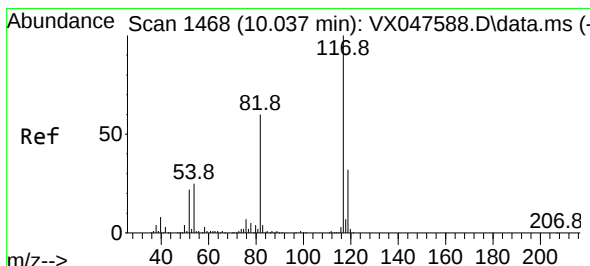
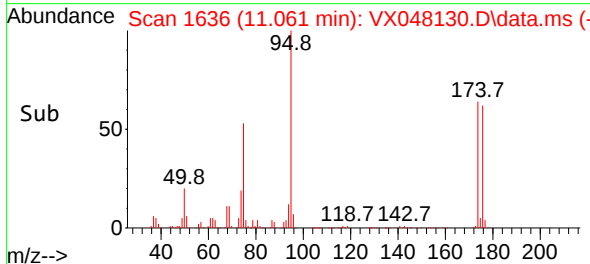
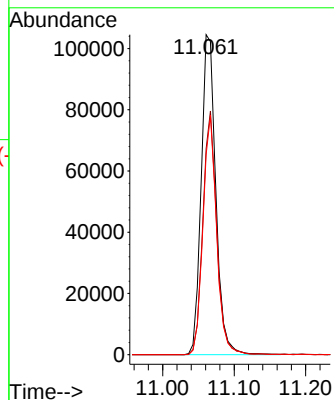
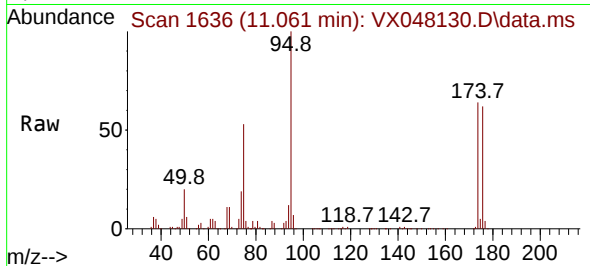




#62
4-Bromofluorobenzene
Concen: 54.846 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048130.D
Acq: 13 Oct 2025 11:03

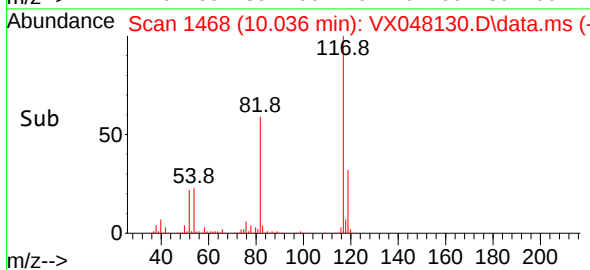
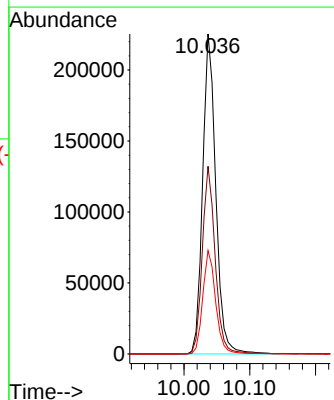
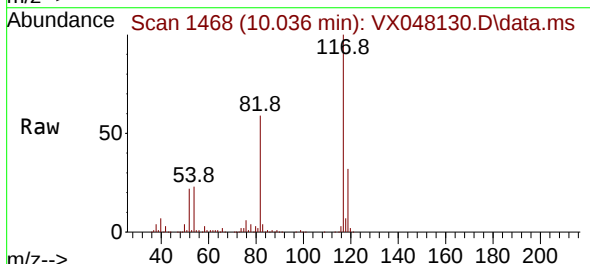
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Tgt Ion: 95 Resp: 148105
Ion Ratio Lower Upper
95 100
174 72.6 0.0 141.6
176 70.2 0.0 138.4



#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

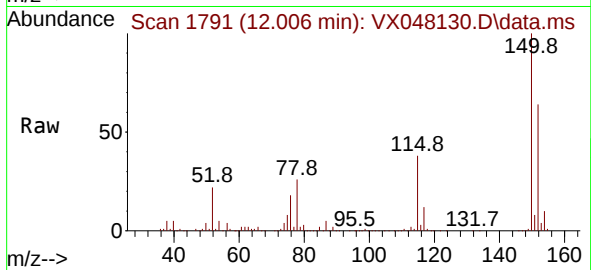
Tgt Ion: 117 Resp: 313607
Ion Ratio Lower Upper
117 100
82 58.6 47.8 71.6
119 32.3 25.2 37.8





#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-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

