

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
 Data File : VX048106.D
 Acq On : 10 Oct 2025 13:11
 Operator : JC/MD
 Sample : Q3324-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Oct 10 23:47:15 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)

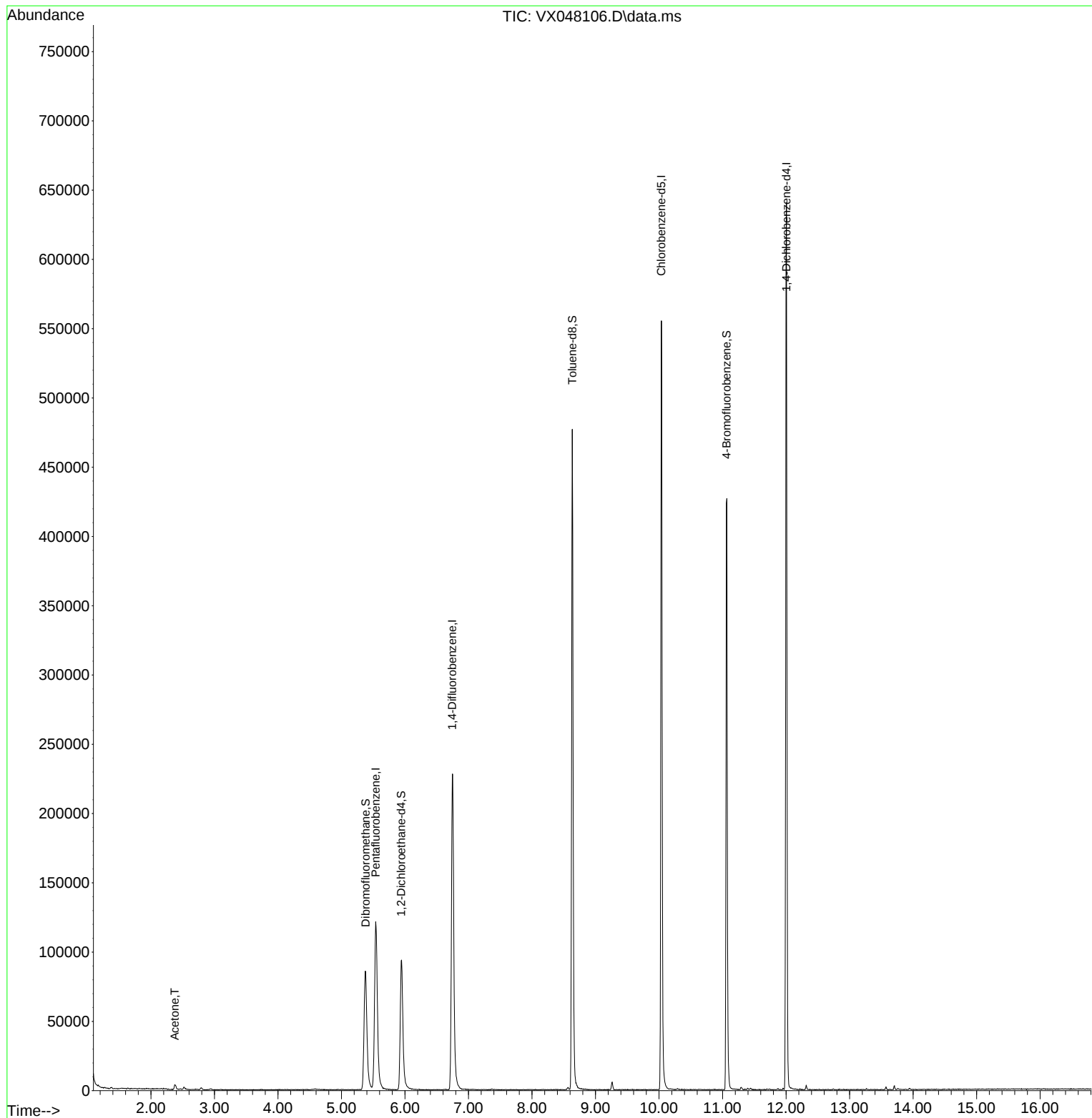
Internal Standards						
1) Pentafluorobenzene	5.538	168	120424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.745	114	251895	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	260599	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	134745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	103011	53.740	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.480%	
35) Dibromofluoromethane	5.379	113	84409	49.965	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 99.940%	
50) Toluene-d8	8.635	98	289751	49.568	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.140%	
62) 4-Bromofluorobenzene	11.061	95	126215	56.893	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.780%	
Target Compounds						Qvalue
16) Acetone	2.373	43	4969	5.962	ug/l	98

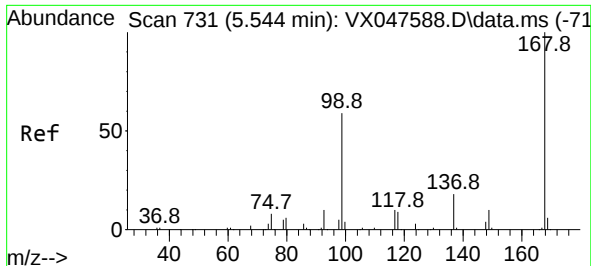
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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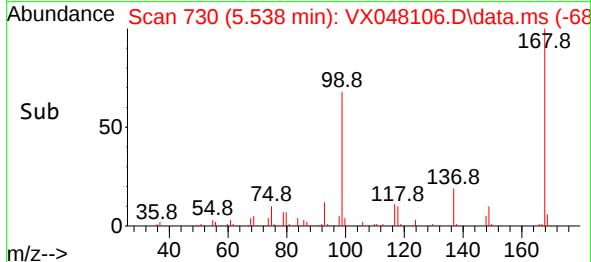
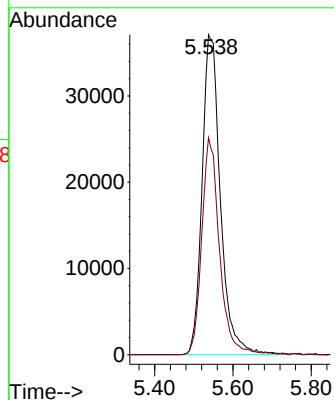
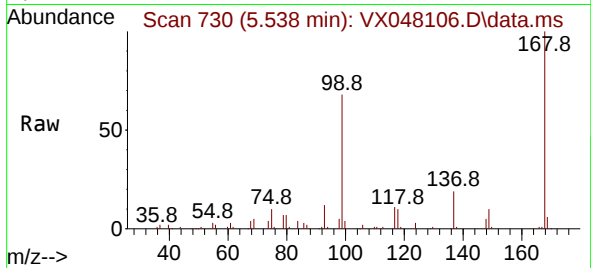




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.538 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX048106.D
Acq: 10 Oct 2025 13:11

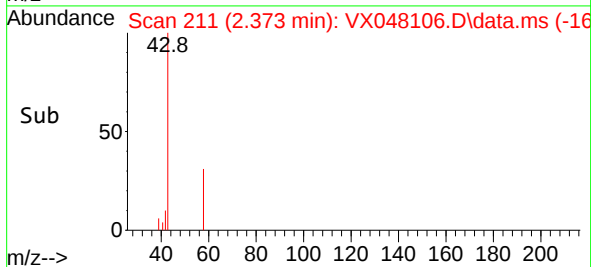
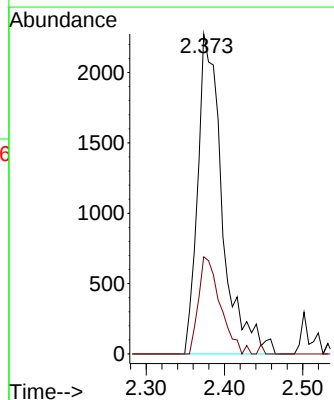
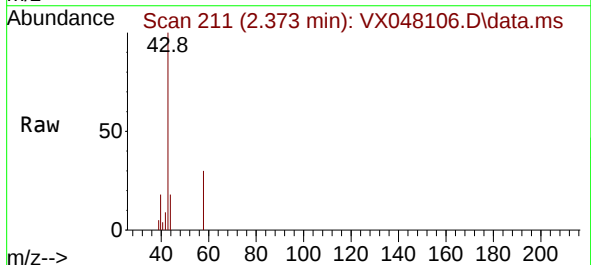
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20251009

Tgt Ion:168 Resp: 120424
Ion Ratio Lower Upper
168 100
99 67.8 48.8 73.2



#16
Acetone
Concen: 5.962 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX048106.D
Acq: 10 Oct 2025 13:11

Tgt Ion: 43 Resp: 4969
Ion Ratio Lower Upper
43 100
58 30.3 23.4 35.0





#33

1,2-Dichloroethane-d4

Concen: 53.740 ug/l

RT: 5.940 min Scan# 796

Delta R.T. -0.000 min

Lab File: VX048106.D

Acq: 10 Oct 2025 13:11

Instrument :

MSVOA_X

ClientSampleId :

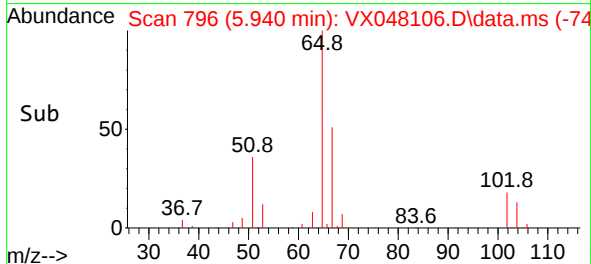
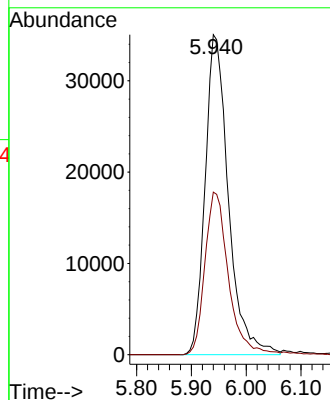
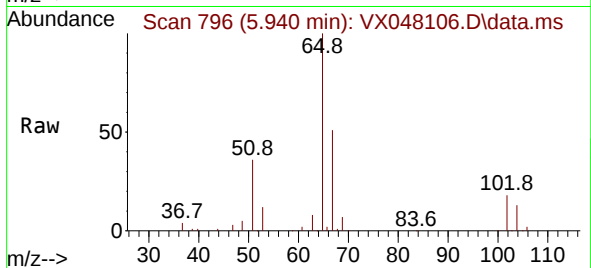
BP-VPB-184-EB-20251009

Tgt Ion: 65 Resp: 103011

Ion Ratio Lower Upper

65 100

67 51.2 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.745 min Scan# 928

Delta R.T. -0.000 min

Lab File: VX048106.D

Acq: 10 Oct 2025 13:11

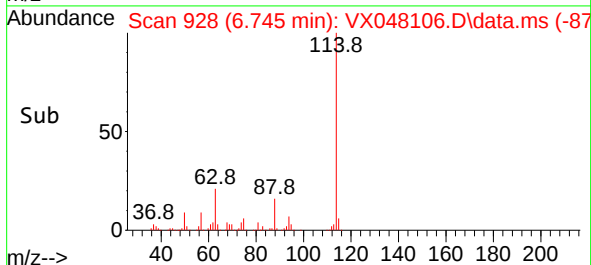
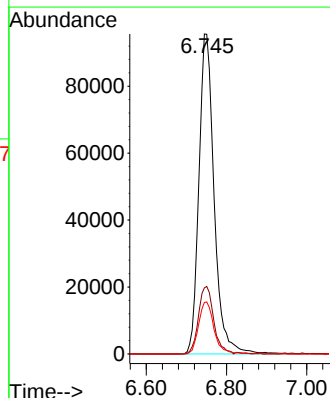
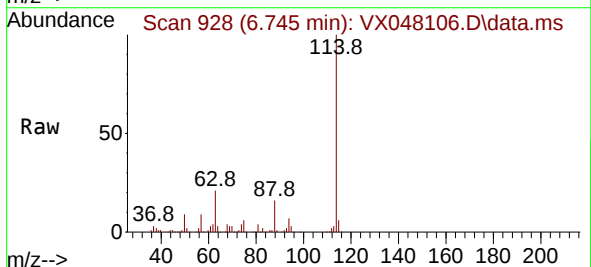
Tgt Ion: 114 Resp: 251895

Ion Ratio Lower Upper

114 100

63 20.6 0.0 44.0

88 16.1 0.0 34.2

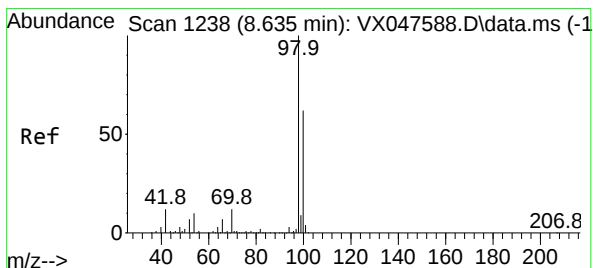
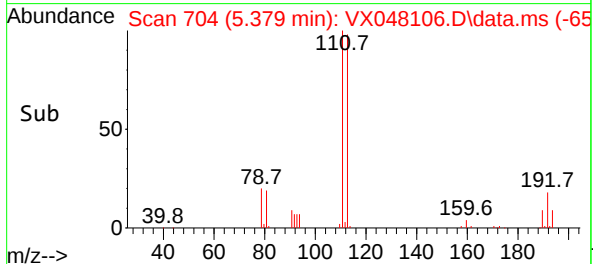
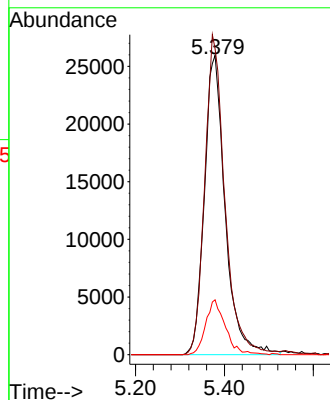
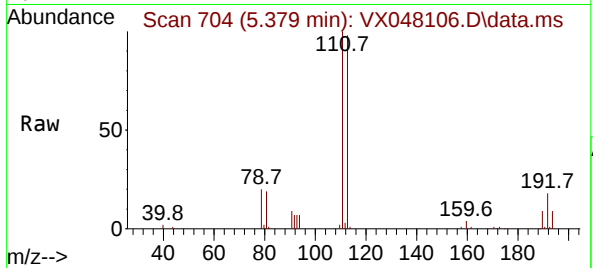




#35
Dibromofluoromethane
Concen: 49.965 ug/l
RT: 5.379 min Scan# 703
Delta R.T. 0.006 min
Lab File: VX048106.D
Acq: 10 Oct 2025 13:11

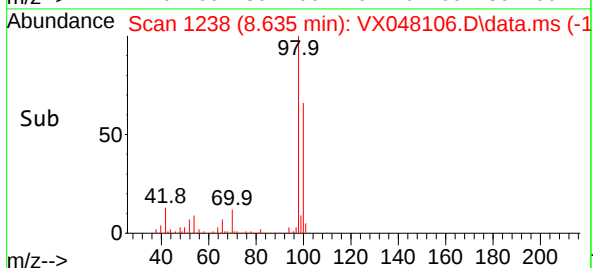
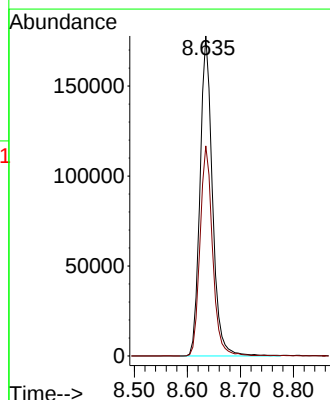
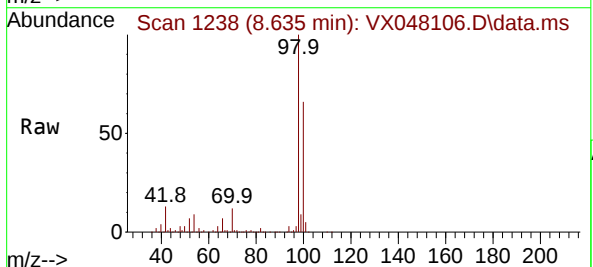
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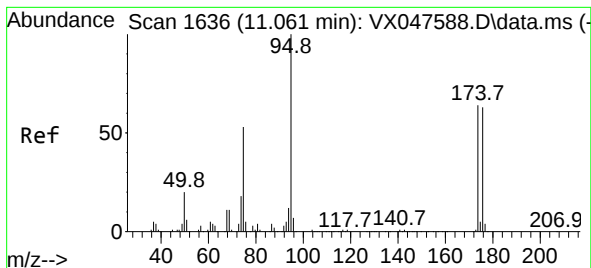
Tgt Ion:113 Resp: 84409
Ion Ratio Lower Upper
113 100
111 103.5 80.9 121.3
192 17.4 14.2 21.4



#50
Toluene-d8
Concen: 49.568 ug/l
RT: 8.635 min Scan# 1238
Delta R.T. -0.000 min
Lab File: VX048106.D
Acq: 10 Oct 2025 13:11

Tgt Ion: 98 Resp: 289751
Ion Ratio Lower Upper
98 100
100 66.2 53.0 79.4

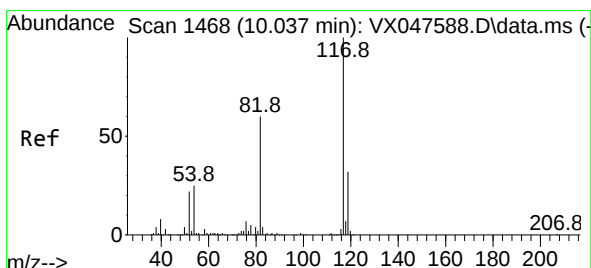
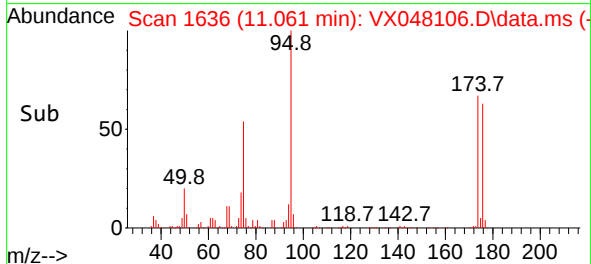
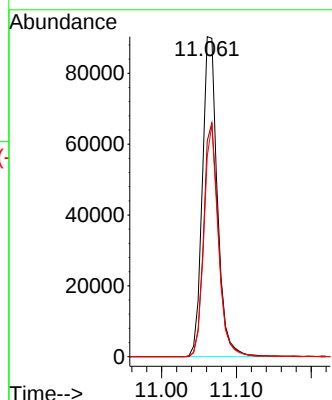
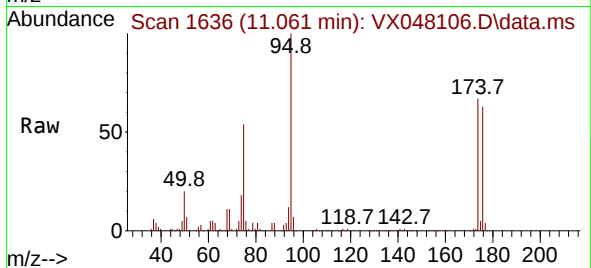




#62
4-Bromofluorobenzene
Concen: 56.893 ug/l
RT: 11.061 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX048106.D
Acq: 10 Oct 2025 13:11

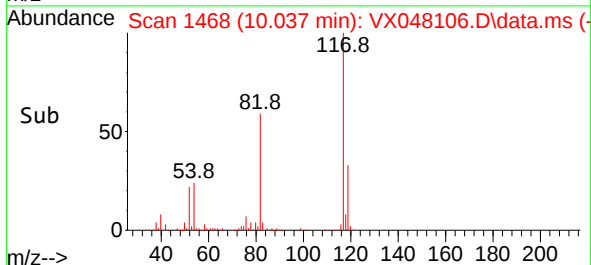
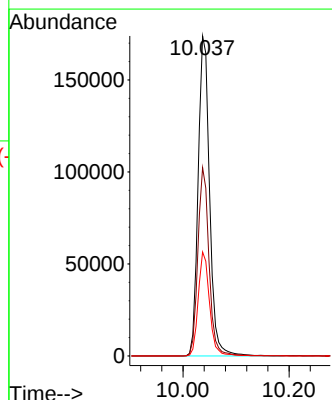
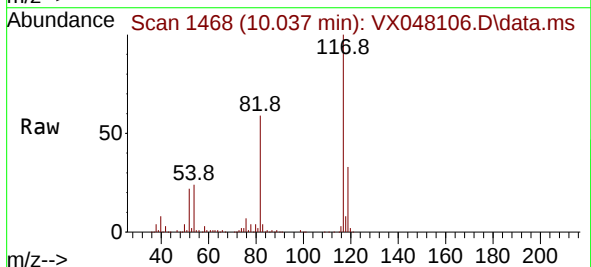
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-EB-20251009

Tgt Ion: 95 Resp: 126215
Ion Ratio Lower Upper
95 100
174 72.6 0.0 141.6
176 69.2 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: VX048106.D
Acq: 10 Oct 2025 13:11

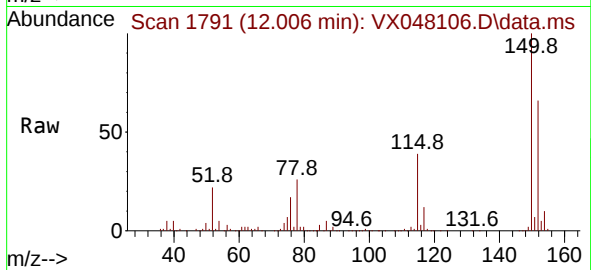
Tgt Ion: 117 Resp: 260599
Ion Ratio Lower Upper
117 100
82 58.8 47.8 71.6
119 32.5 25.2 37.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.006 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX048106.D
 Acq: 10 Oct 2025 13:11

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



Tgt Ion:152 Resp: 134745
 Ion Ratio Lower Upper
 152 100
 115 62.6 44.9 134.5
 150 155.6 0.0 352.0

