

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
 Data File : VX048110.D
 Acq On : 10 Oct 2025 14:33
 Operator : JC/MD
 Sample : Q3324-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Oct 10 23:48:50 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)

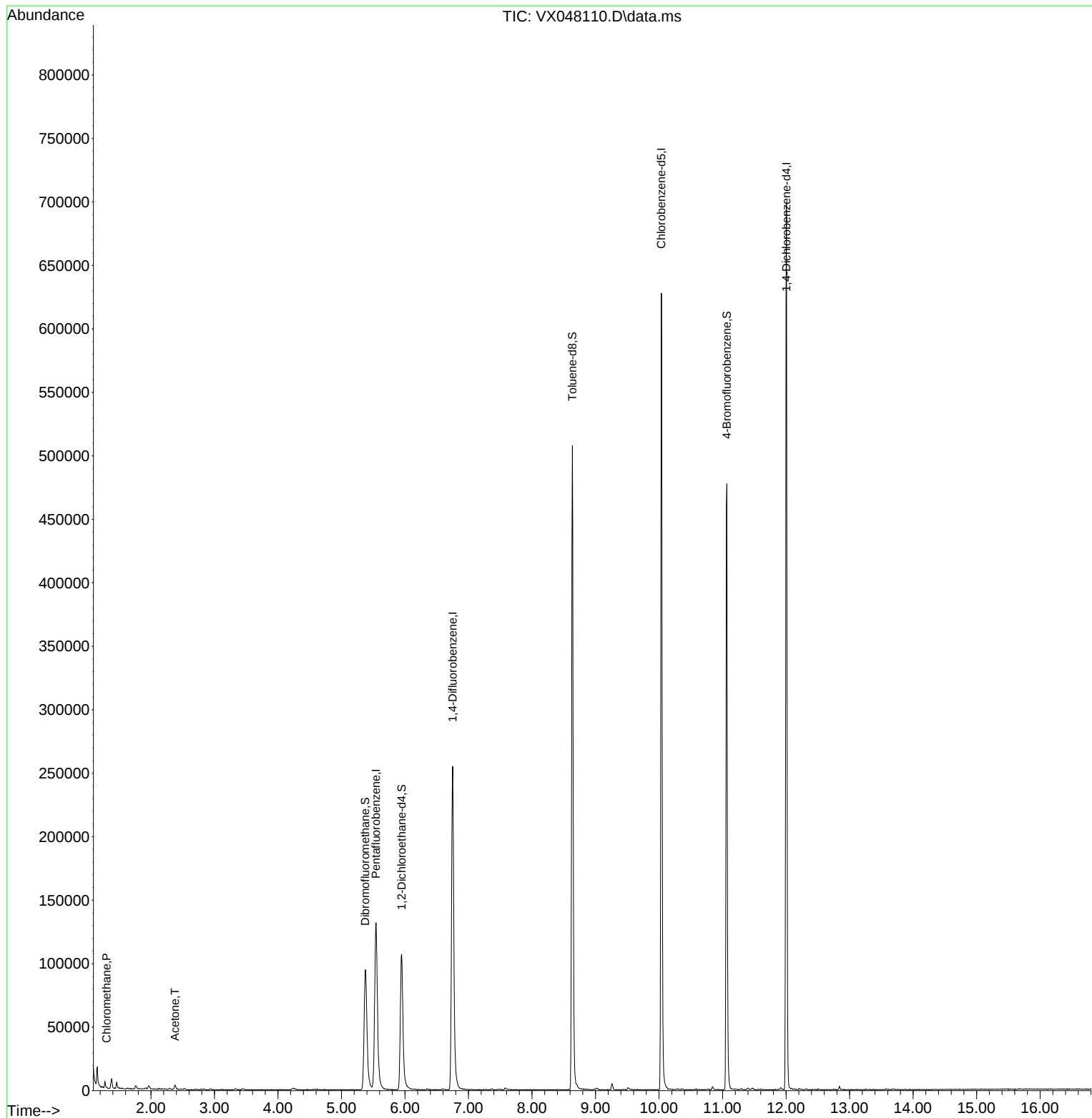
Internal Standards						
1) Pentafluorobenzene	5.544	168	128851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	268084	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	287768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	144717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	117070	57.080	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 114.160%	
35) Dibromofluoromethane	5.373	113	94135	52.358	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.720%	
50) Toluene-d8	8.635	98	314584	50.567	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.140%	
62) 4-Bromofluorobenzene	11.067	95	138355	58.599	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 117.200%	
Target Compounds						Qvalue
3) Chloromethane	1.301	50	447	0.255	ug/l	90
16) Acetone	2.380	43	5008	5.616	ug/l	93

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101025\
Data File : VX048110.D
Acq On : 10 Oct 2025 14:33
Operator : JC/MD
Sample : Q3324-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Oct 10 23:48:50 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

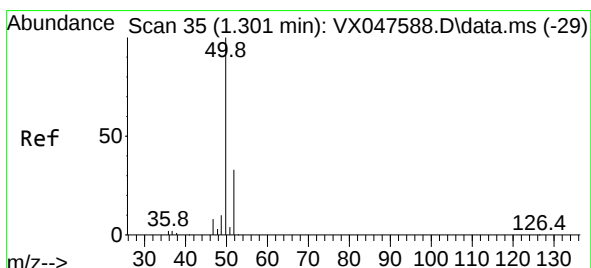
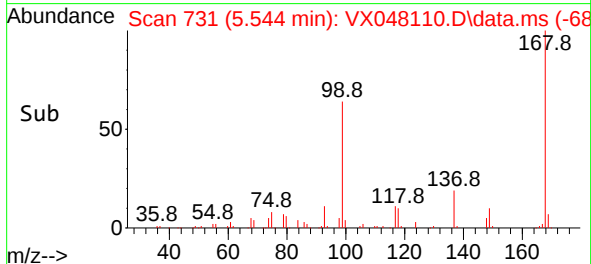
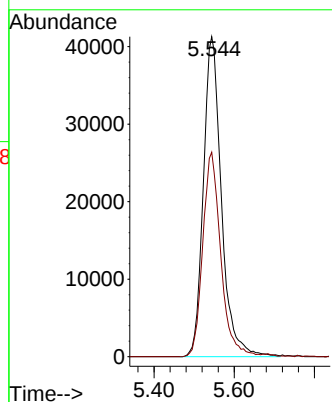
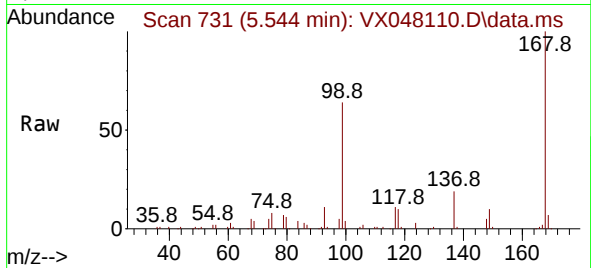




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX048110.D
Acq: 10 Oct 2025 14:33

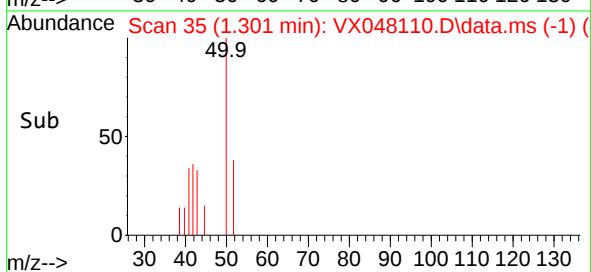
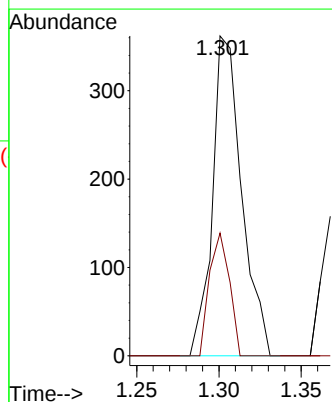
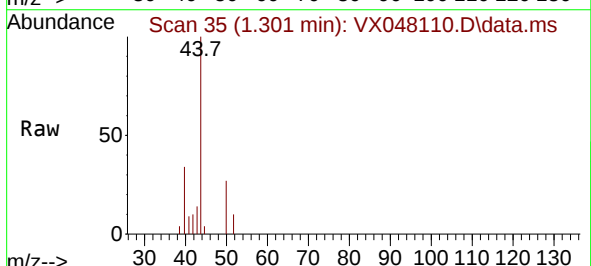
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20251009

Tgt Ion:168 Resp: 128851
Ion Ratio Lower Upper
168 100
99 63.9 48.8 73.2



#3
Chloromethane
Concen: 0.255 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX048110.D
Acq: 10 Oct 2025 14:33

Tgt Ion: 50 Resp: 447
Ion Ratio Lower Upper
50 100
52 38.4 26.1 39.1

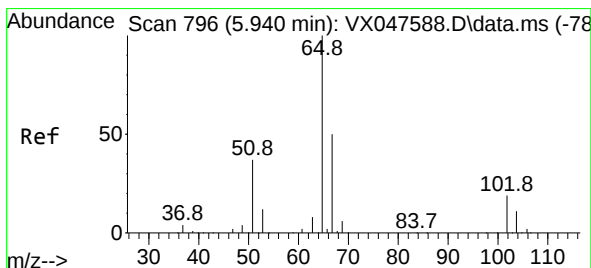
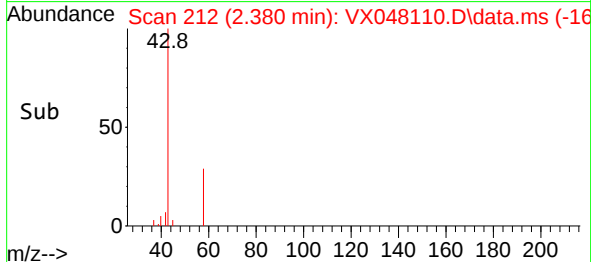
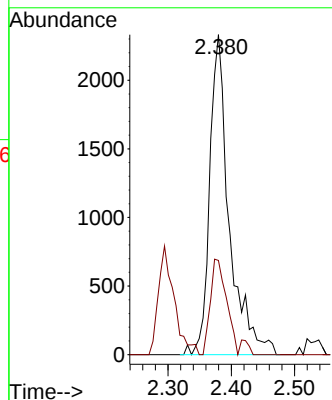
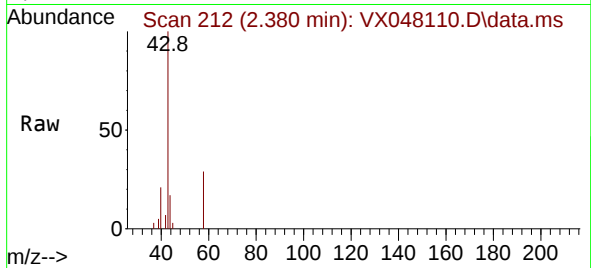




#16
Acetone
Concen: 5.616 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX048110.D
Acq: 10 Oct 2025 14:33

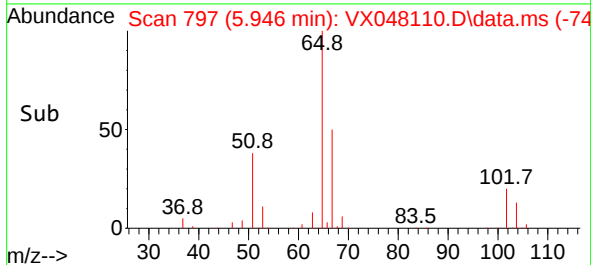
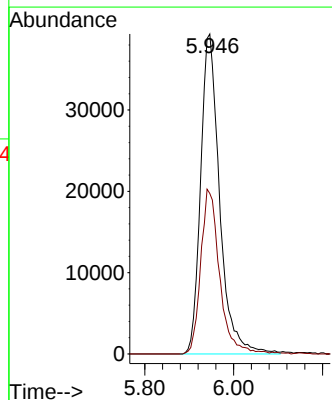
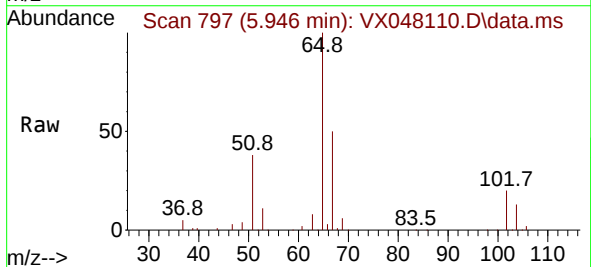
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20251009

Tgt Ion: 43 Resp: 5008
Ion Ratio Lower Upper
43 100
58 25.3 23.4 35.0



#33
1,2-Dichloroethane-d4
Concen: 57.080 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.006 min
Lab File: VX048110.D
Acq: 10 Oct 2025 14:33

Tgt Ion: 65 Resp: 117070
Ion Ratio Lower Upper
65 100
67 51.1 0.0 103.0

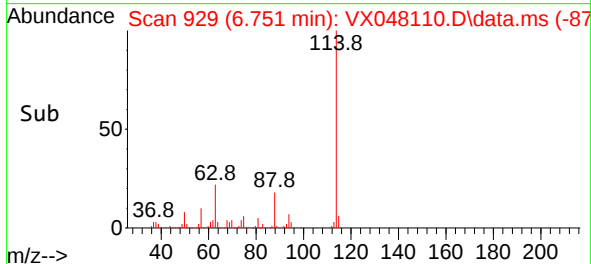
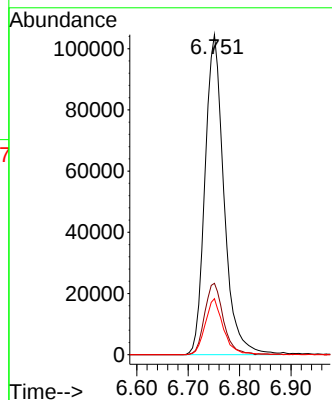
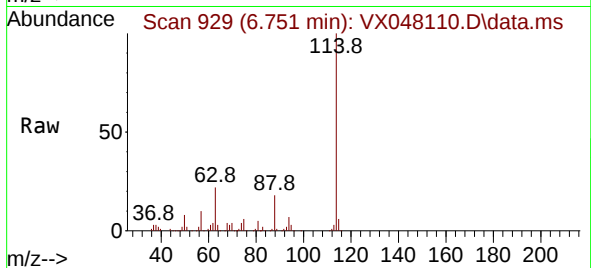




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX048110.D
Acq: 10 Oct 2025 14:33

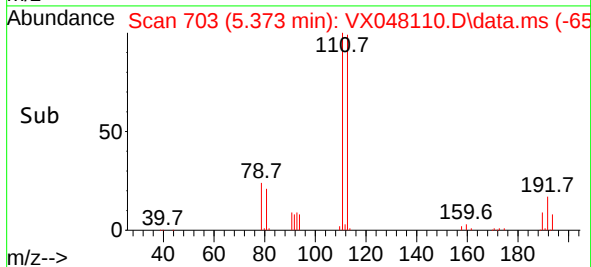
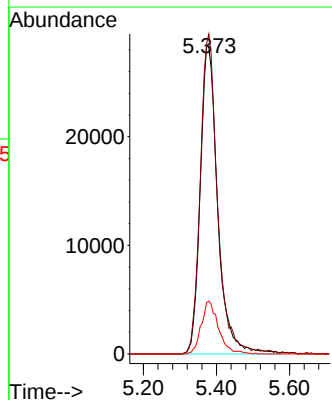
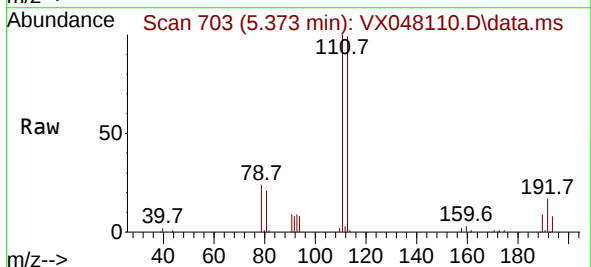
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20251009

Tgt Ion:114 Resp: 268084
Ion Ratio Lower Upper
114 100
63 22.3 0.0 44.0
88 17.5 0.0 34.2



#35
Dibromofluoromethane
Concen: 52.358 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.000 min
Lab File: VX048110.D
Acq: 10 Oct 2025 14:33

Tgt Ion:113 Resp: 94135
Ion Ratio Lower Upper
113 100
111 102.3 80.9 121.3
192 16.9 14.2 21.4

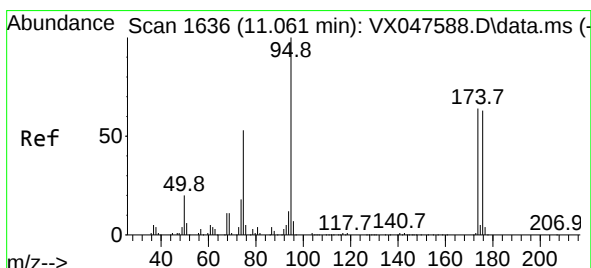
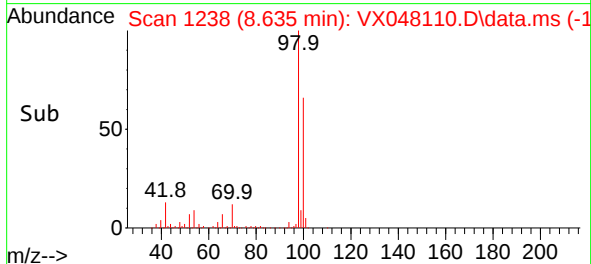
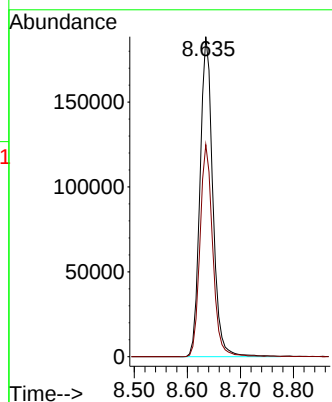
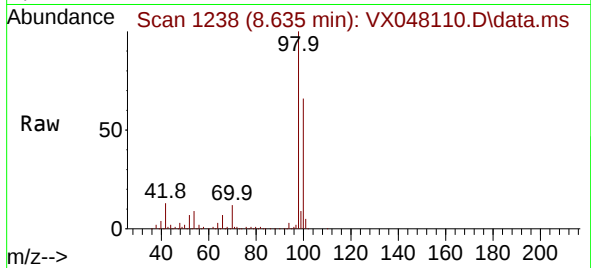




#50
Toluene-d8
Concen: 50.567 ug/l
RT: 8.635 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX048110.D
Acq: 10 Oct 2025 14:33

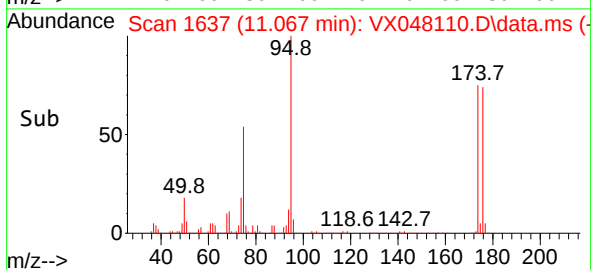
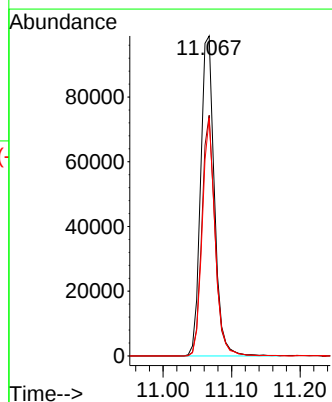
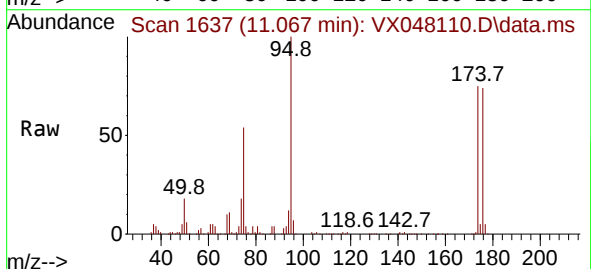
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-184-DUP-20251009

Tgt Ion: 98 Resp: 314584
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 58.599 ug/l
RT: 11.067 min Scan# 1637
Delta R.T. 0.006 min
Lab File: VX048110.D
Acq: 10 Oct 2025 14:33

Tgt Ion: 95 Resp: 138355
Ion Ratio Lower Upper
95 100
174 71.5 0.0 141.6
176 69.3 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: VX048110.D

Acq: 10 Oct 2025 14:33

Instrument :

MSVOA_X

ClientSampleId :

BP-VPB-184-DUP-20251009

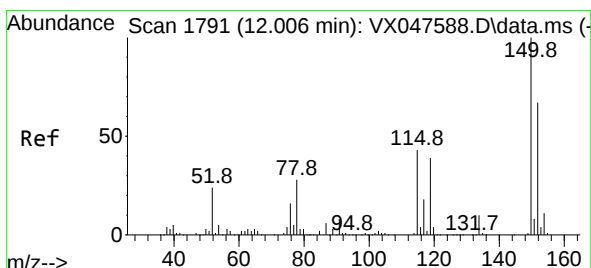
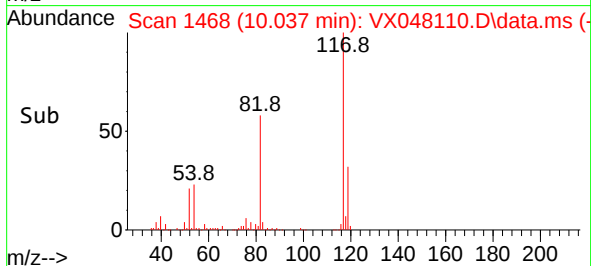
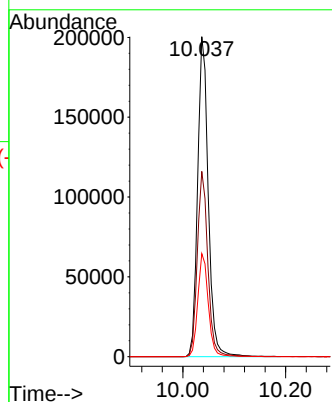
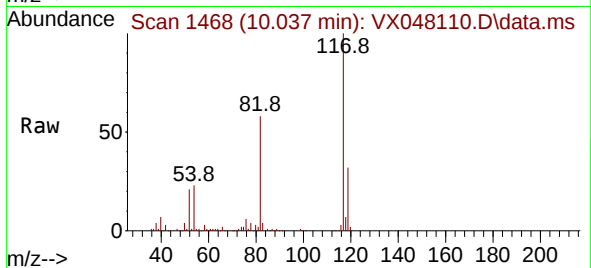
Tgt Ion:117 Resp: 287768

Ion Ratio Lower Upper

117 100

82 57.9 47.8 71.6

119 32.2 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: VX048110.D

Acq: 10 Oct 2025 14:33

Tgt Ion:152 Resp: 144717

Ion Ratio Lower Upper

152 100

115 62.3 44.9 134.5

150 157.4 0.0 352.0

