

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081325\
 Data File : VX047314.D
 Acq On : 13 Aug 2025 12:13
 Operator : JC/MD
 Sample : Q2814-12RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-BP-SRE

Quant Time: Aug 14 03:26:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

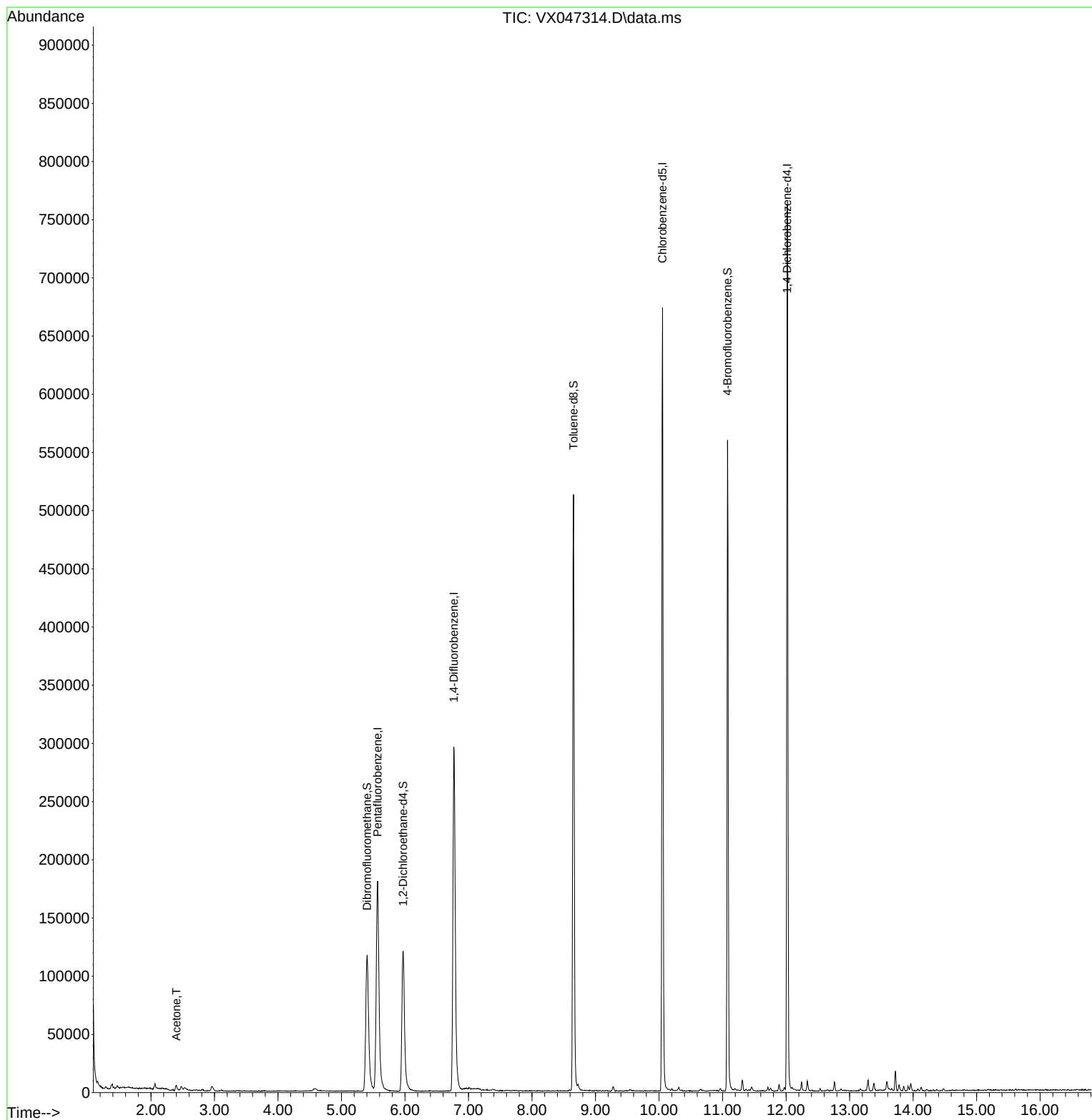
Internal Standards						
1) Pentafluorobenzene	5.568	168	179477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	320322	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	302132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	155373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	133264	59.607	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 119.220%#	
35) Dibromofluoromethane	5.403	113	113615	57.446	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.900%	
50) Toluene-d8	8.653	98	309343	48.297	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 96.600%	
62) 4-Bromofluorobenzene	11.079	95	152202	55.142	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.280%	
Target Compounds						
16) Acetone	2.398	43	7030	7.849	ug/l	Qvalue # 84

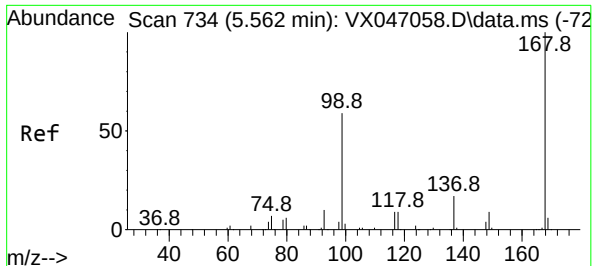
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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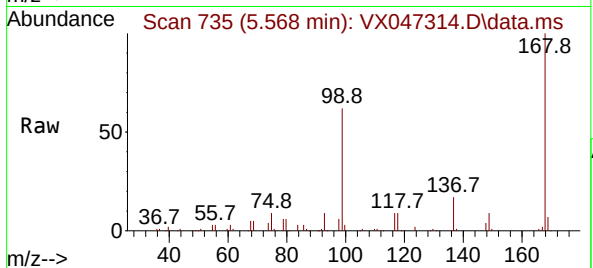
Quant Time: Aug 14 03:26:50 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 22 03:59:51 2025
Response via : Initial Calibration



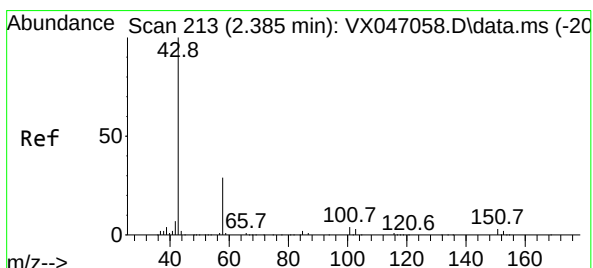
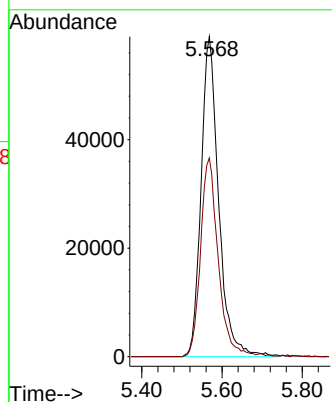
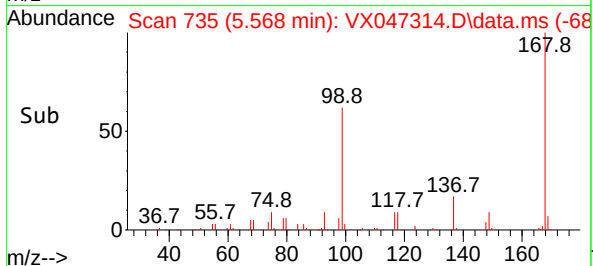


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX047314.D
Acq: 13 Aug 2025 12:13

Instrument :
MSVOA_X
ClientSampleId :
TW-BP-SRE

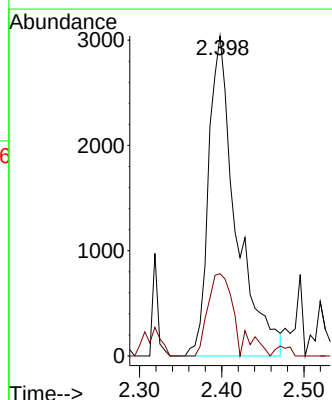
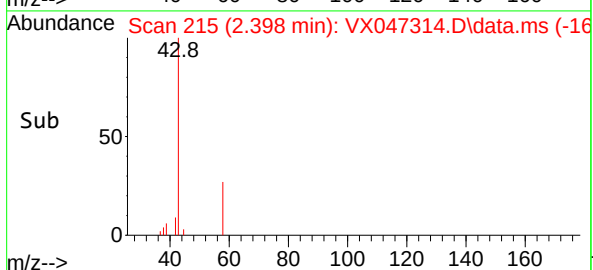
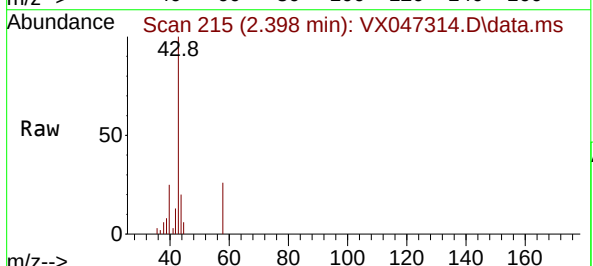


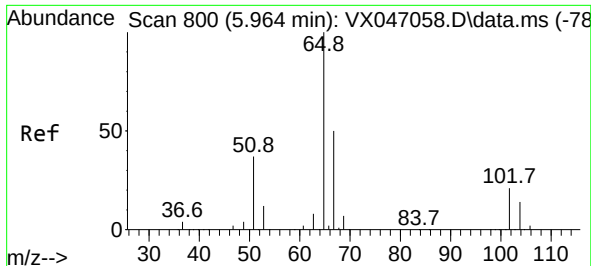
Tgt Ion:168 Resp: 179477
Ion Ratio Lower Upper
168 100
99 62.1 48.0 72.0



#16
Acetone
Concen: 7.849 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.013 min
Lab File: VX047314.D
Acq: 13 Aug 2025 12:13

Tgt Ion: 43 Resp: 7030
Ion Ratio Lower Upper
43 100
58 21.4 24.0 36.0#

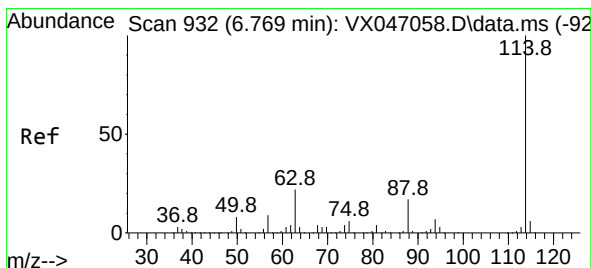
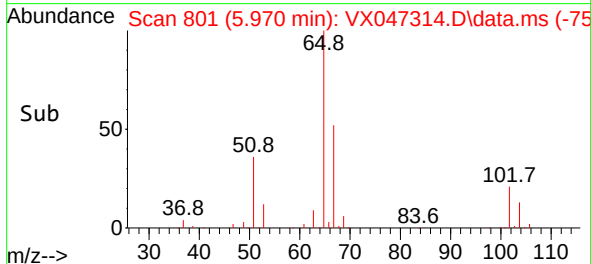
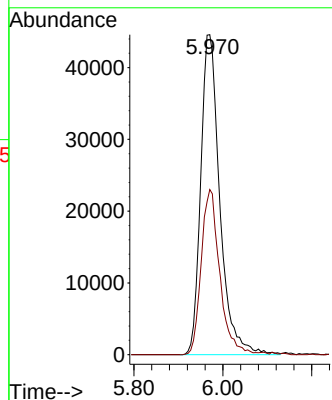
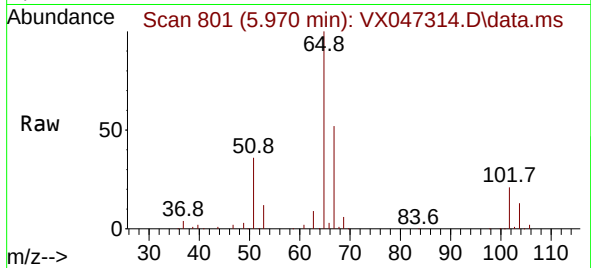




#33
 1,2-Dichloroethane-d4
 Concen: 59.607 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.006 min
 Lab File: VX047314.D
 Acq: 13 Aug 2025 12:13

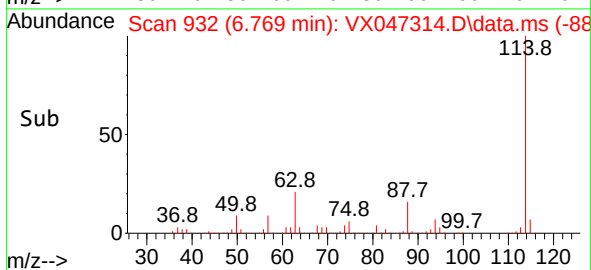
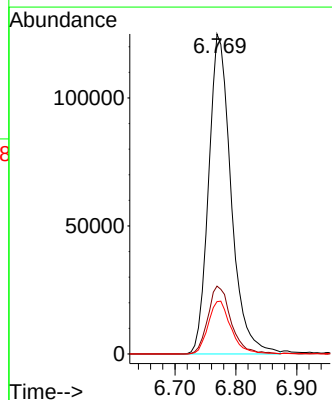
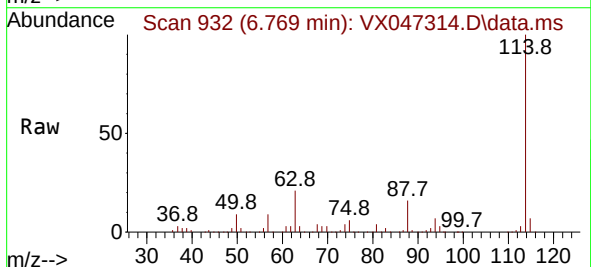
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-BP-SRE

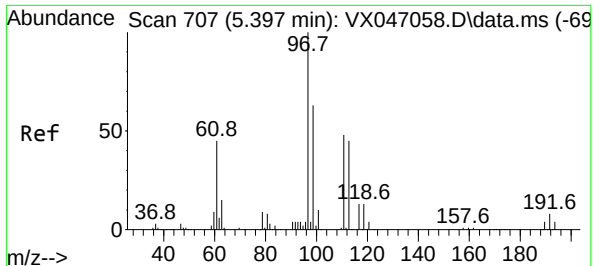
Tgt Ion: 65 Resp: 133264
 Ion Ratio Lower Upper
 65 100
 67 50.2 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047314.D
 Acq: 13 Aug 2025 12:13

Tgt Ion: 114 Resp: 320322
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 43.2
 88 16.3 0.0 33.8

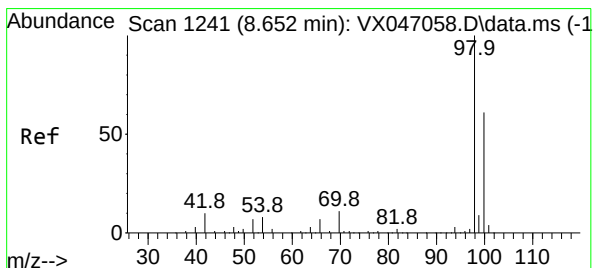
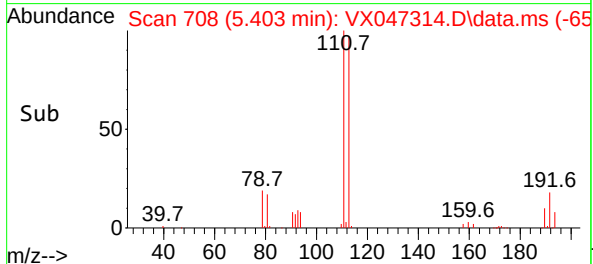
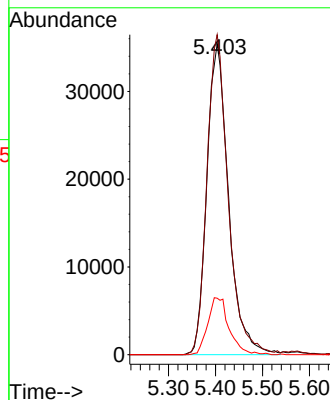
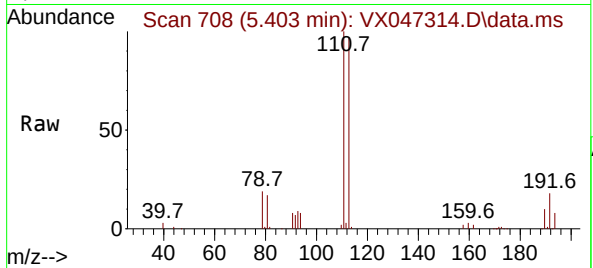




#35
Dibromofluoromethane
Concen: 57.446 ug/l
RT: 5.403 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX047314.D
Acq: 13 Aug 2025 12:13

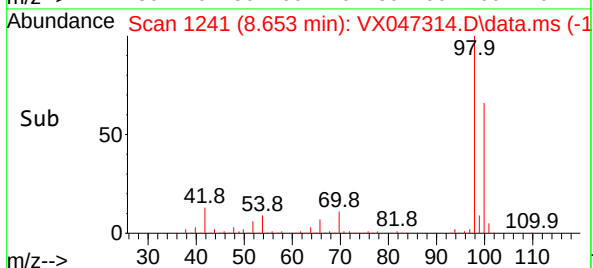
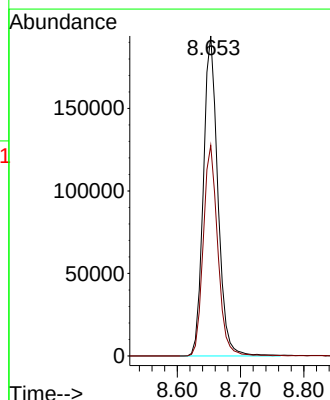
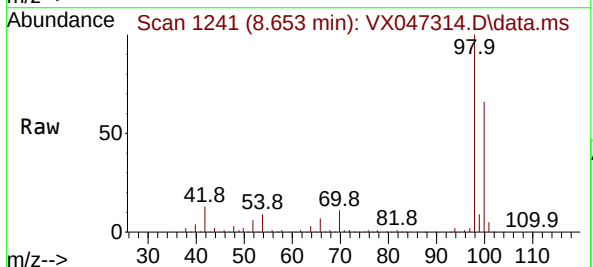
Instrument :
MSVOA_X
ClientSampleId :
TW-BP-SRE

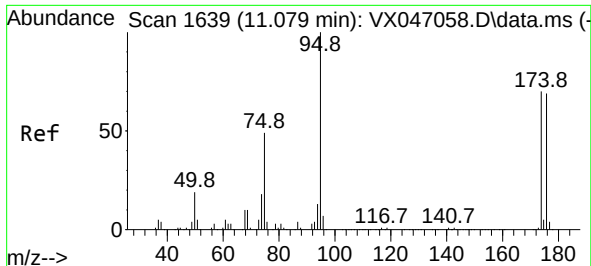
Tgt Ion:113 Resp: 113615
Ion Ratio Lower Upper
113 100
111 100.7 82.6 124.0
192 18.1 14.9 22.3



#50
Toluene-d8
Concen: 48.297 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047314.D
Acq: 13 Aug 2025 12:13

Tgt Ion: 98 Resp: 309343
Ion Ratio Lower Upper
98 100
100 65.9 53.3 79.9





#62

4-Bromofluorobenzene

Concen: 55.142 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX047314.D

Acq: 13 Aug 2025 12:13

Instrument :

MSVOA_X

ClientSampleId :

TW-BP-SRE

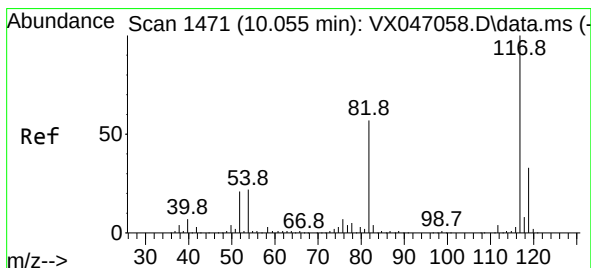
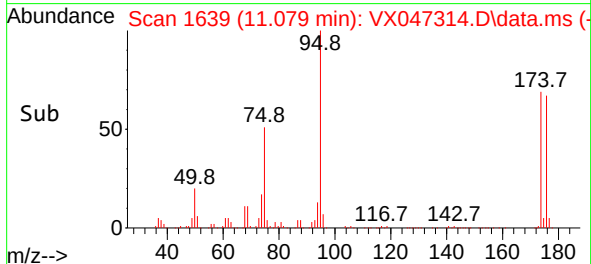
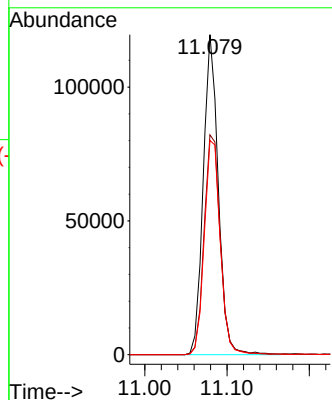
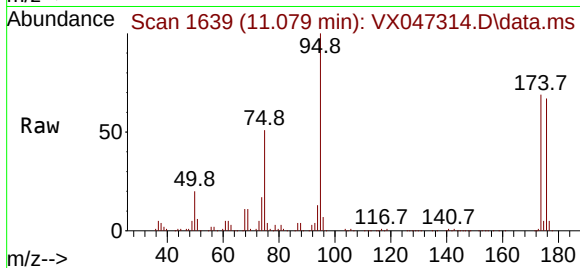
Tgt Ion: 95 Resp: 152202

Ion Ratio Lower Upper

95 100

174 73.7 0.0 144.6

176 71.4 0.0 139.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX047314.D

Acq: 13 Aug 2025 12:13

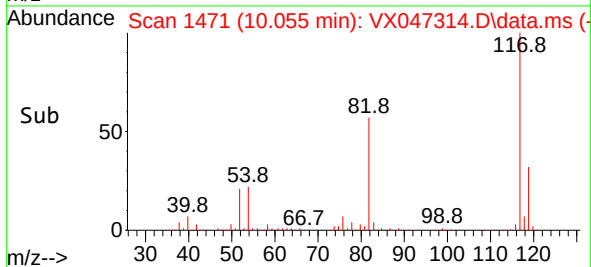
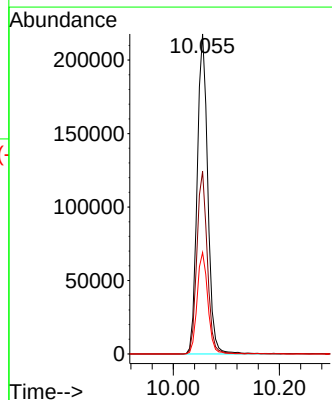
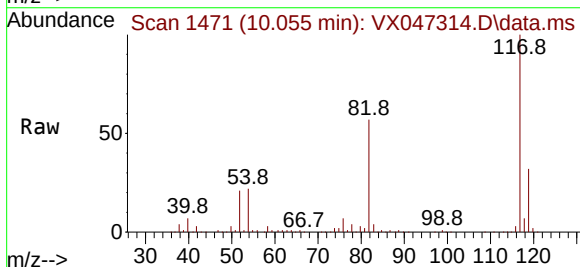
Tgt Ion: 117 Resp: 302132

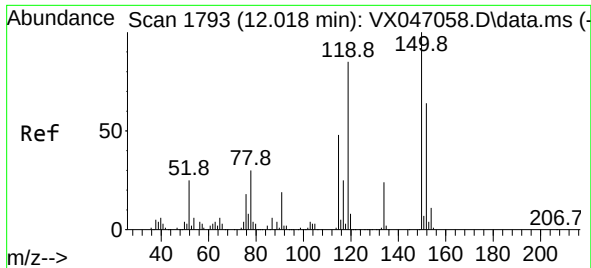
Ion Ratio Lower Upper

117 100

82 57.0 45.4 68.2

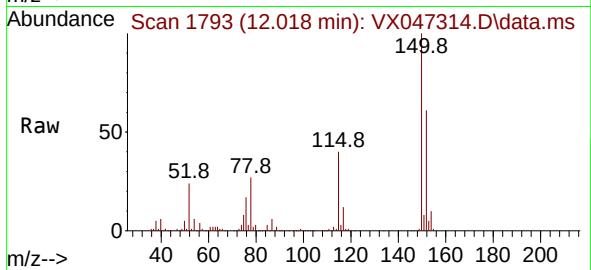
119 31.7 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047314.D
 Acq: 13 Aug 2025 12:13

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-BP-SRE



Tgt Ion:152 Resp: 155373
 Ion Ratio Lower Upper
 152 100
 115 63.1 45.6 136.7
 150 157.6 0.0 354.6

