

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047367.D
 Acq On : 15 Aug 2025 16:58
 Operator : JC/MD
 Sample : Q2886-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT182D-GW-20250814

Quant Time: Aug 18 04:36:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

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

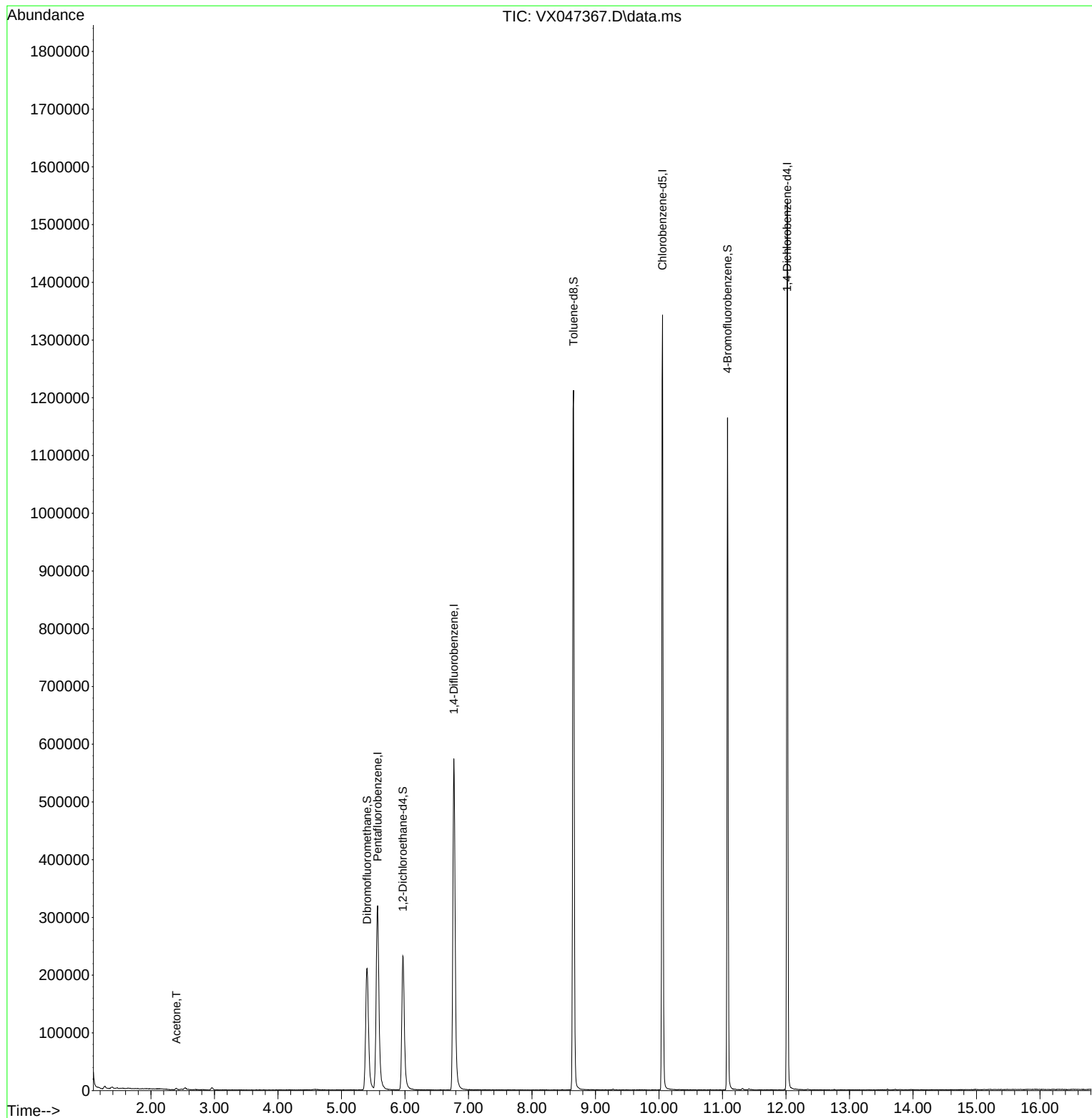
Internal Standards						
1) Pentafluorobenzene	5.568	168	317862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	617831	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	606003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	303172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	243070	54.640	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.280%	
35) Dibromofluoromethane	5.404	113	205401	51.225	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.460%	
50) Toluene-d8	8.653	98	742666	51.819	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 103.640%	
62) 4-Bromofluorobenzene	11.079	95	303397	57.366	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 114.740%	
Target Compounds						Qvalue
16) Acetone	2.398	43	3338	1.996	ug/l	99

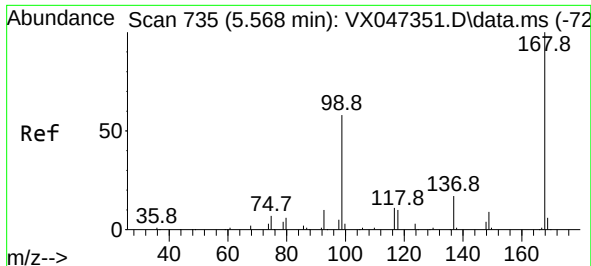
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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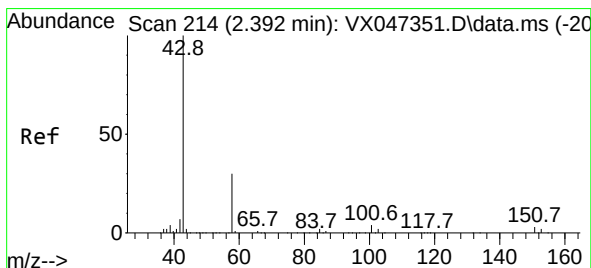
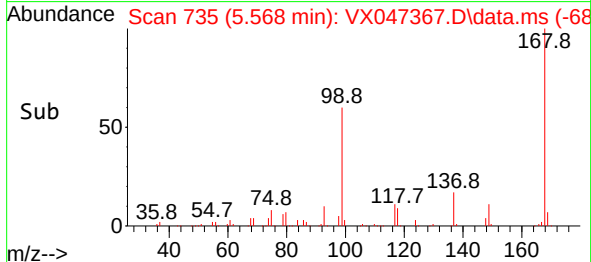
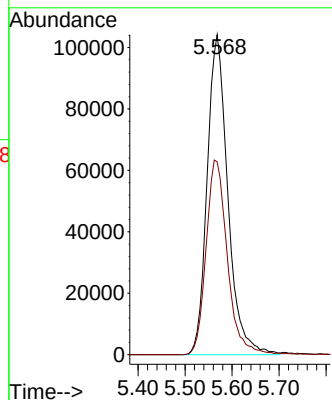
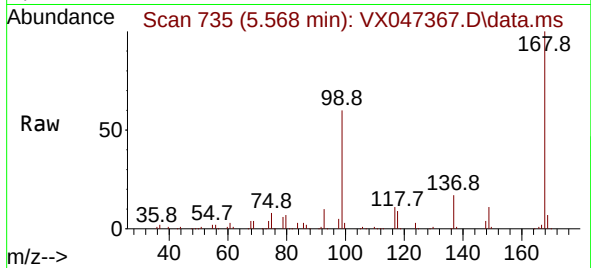




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047367.D
Acq: 15 Aug 2025 16:58

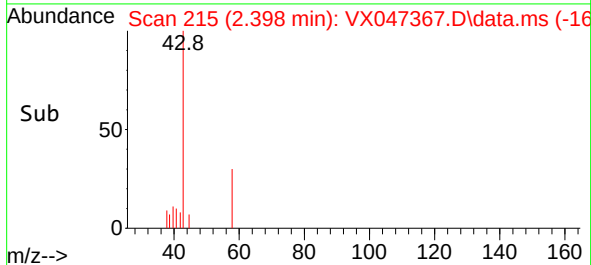
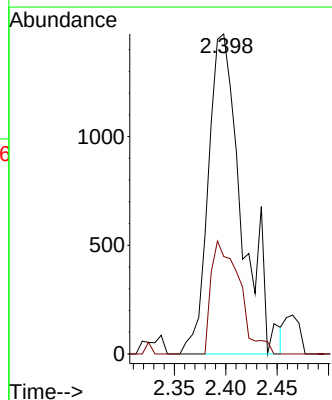
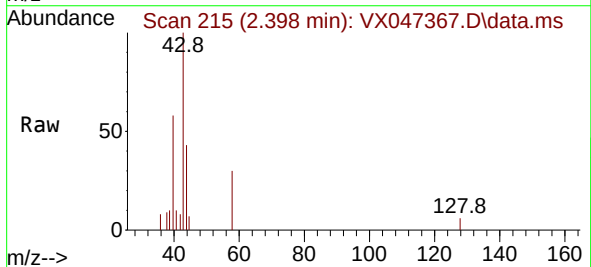
Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-GW-20250814

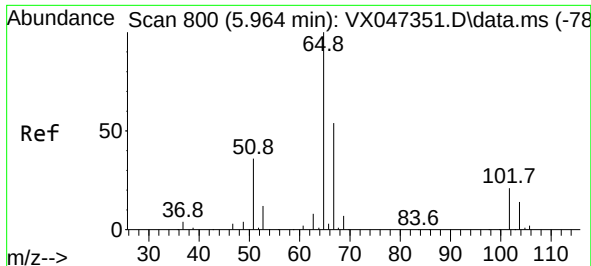
Tgt Ion:168 Resp: 317862
Ion Ratio Lower Upper
168 100
99 60.2 47.9 71.9



#16
Acetone
Concen: 1.996 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX047367.D
Acq: 15 Aug 2025 16:58

Tgt Ion: 43 Resp: 3338
Ion Ratio Lower Upper
43 100
58 30.4 24.8 37.2

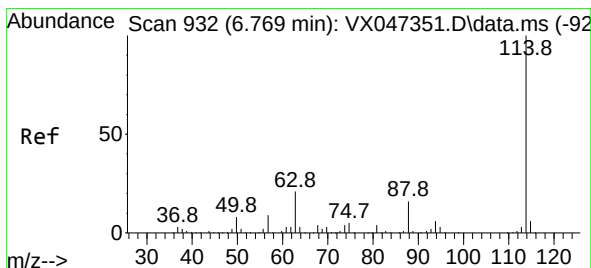
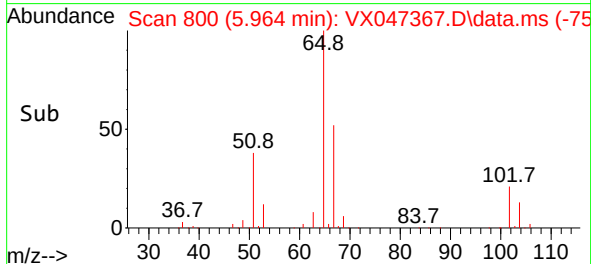
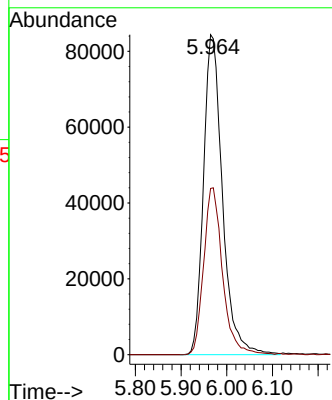
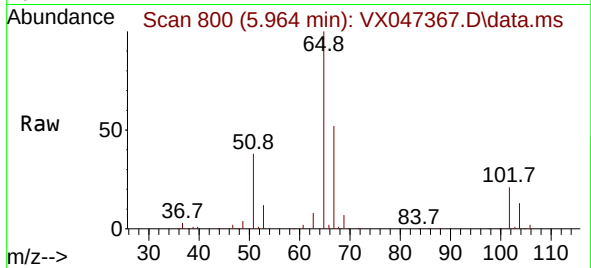




#33
 1,2-Dichloroethane-d4
 Concen: 54.640 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047367.D
 Acq: 15 Aug 2025 16:58

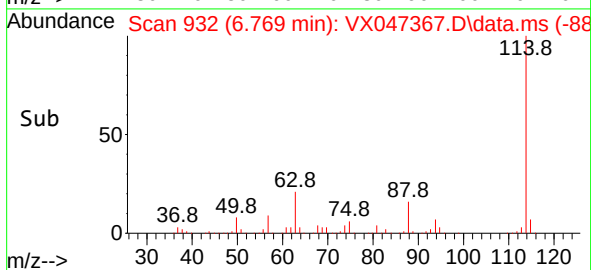
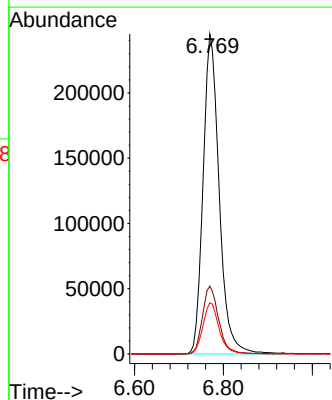
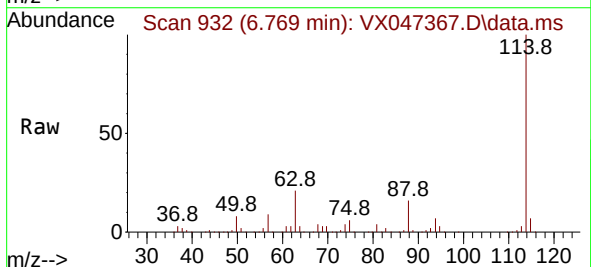
Instrument :
 MSVOA_X
 ClientSampleId :
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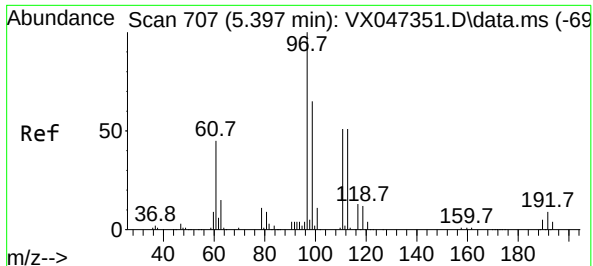
Tgt Ion: 65 Resp: 243070
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047367.D
 Acq: 15 Aug 2025 16:58

Tgt Ion: 114 Resp: 617831
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.4
 88 15.9 0.0 33.0

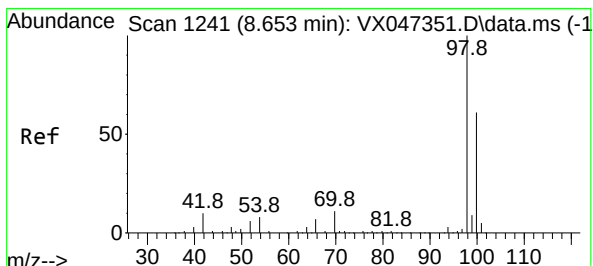
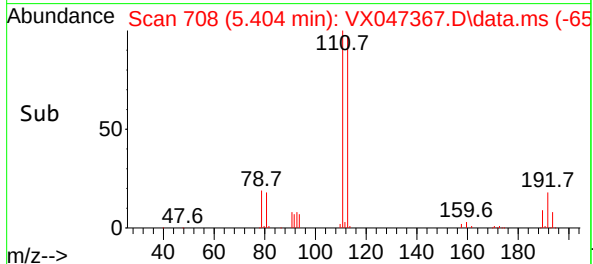
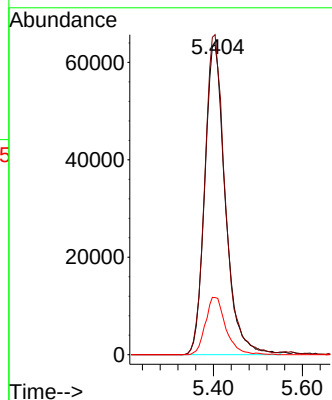
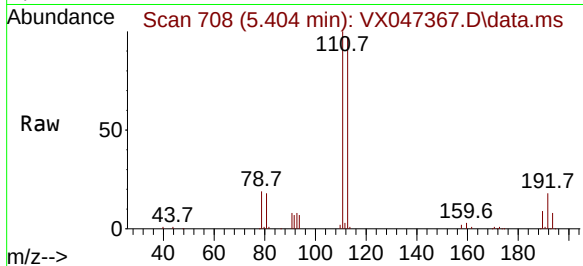




#35
Dibromofluoromethane
Concen: 51.225 ug/l
RT: 5.404 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX047367.D
Acq: 15 Aug 2025 16:58

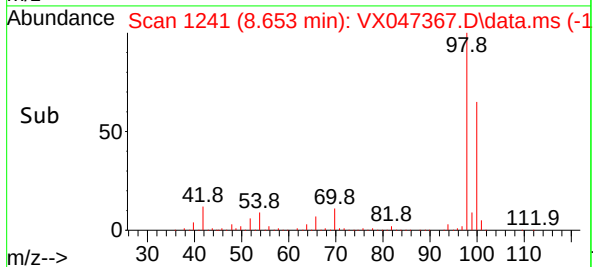
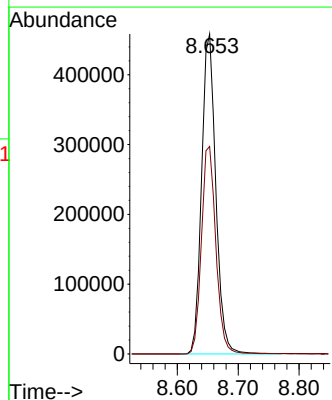
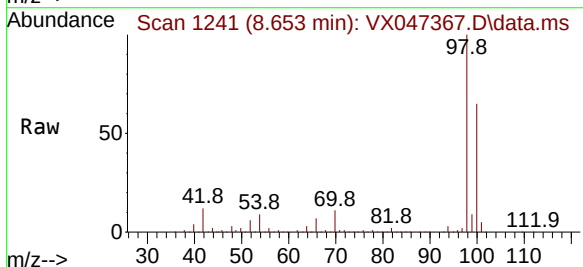
Instrument :
MSVOA_X
ClientSampleId :
BP-TT182D-GW-20250814

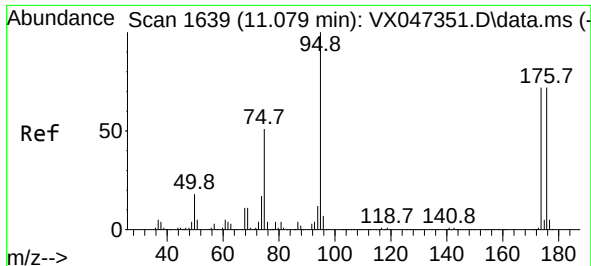
Tgt Ion:113 Resp: 205401
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.2
192 18.1 14.1 21.1



#50
Toluene-d8
Concen: 51.819 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047367.D
Acq: 15 Aug 2025 16:58

Tgt Ion: 98 Resp: 742666
Ion Ratio Lower Upper
98 100
100 66.0 53.9 80.9





#62

4-Bromofluorobenzene

Concen: 57.366 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX047367.D

Acq: 15 Aug 2025 16:58

Instrument :

MSVOA_X

ClientSampleId :

BP-TT182D-GW-20250814

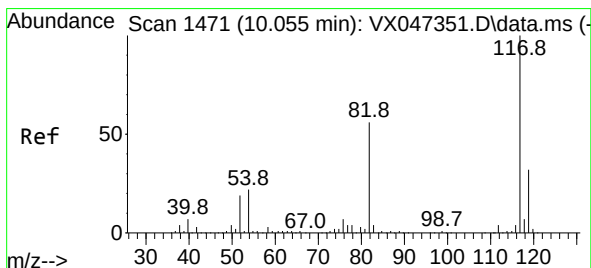
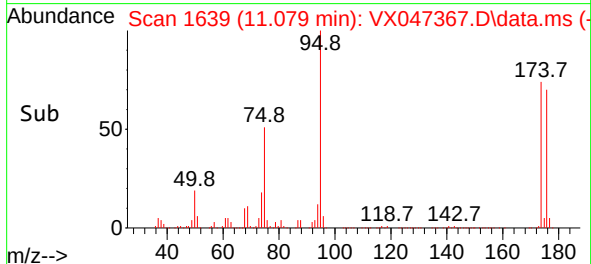
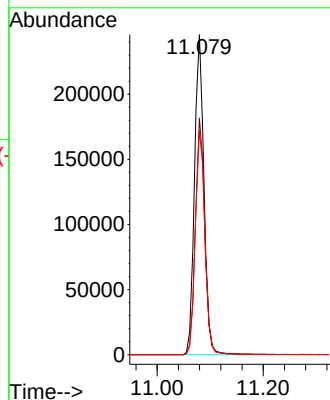
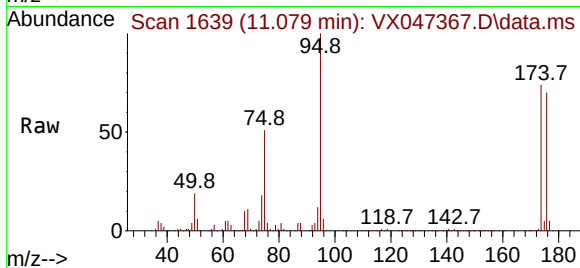
Tgt Ion: 95 Resp: 303397

Ion Ratio Lower Upper

95 100

174 73.3 0.0 148.0

176 70.8 0.0 145.4



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX047367.D

Acq: 15 Aug 2025 16:58

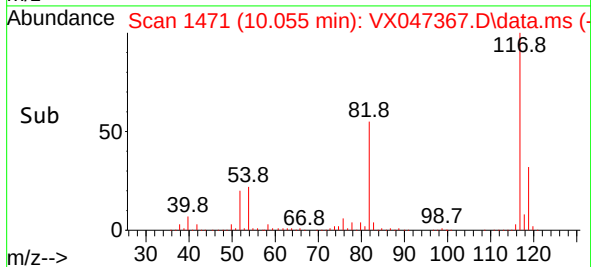
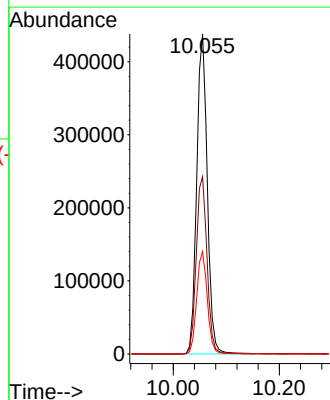
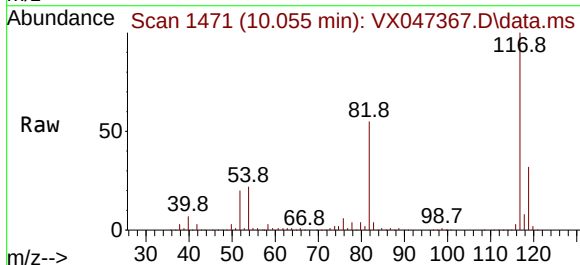
Tgt Ion: 117 Resp: 606003

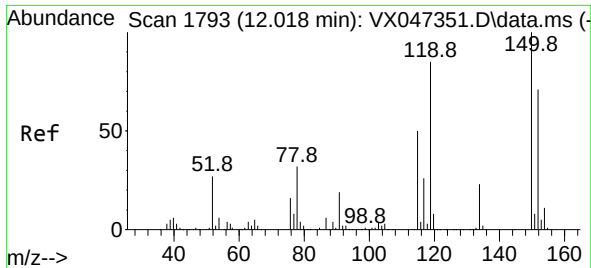
Ion Ratio Lower Upper

117 100

82 55.5 45.0 67.4

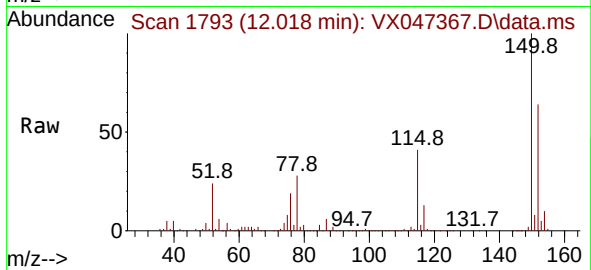
119 32.0 25.8 38.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
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Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	44.6	133.8
150	155.5	0.0	349.8

