

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
 Data File : VX047390.D
 Acq On : 18 Aug 2025 18:05
 Operator : JC/MD
 Sample : Q2815-15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-17M-E

Quant Time: Aug 19 01:47:26 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)

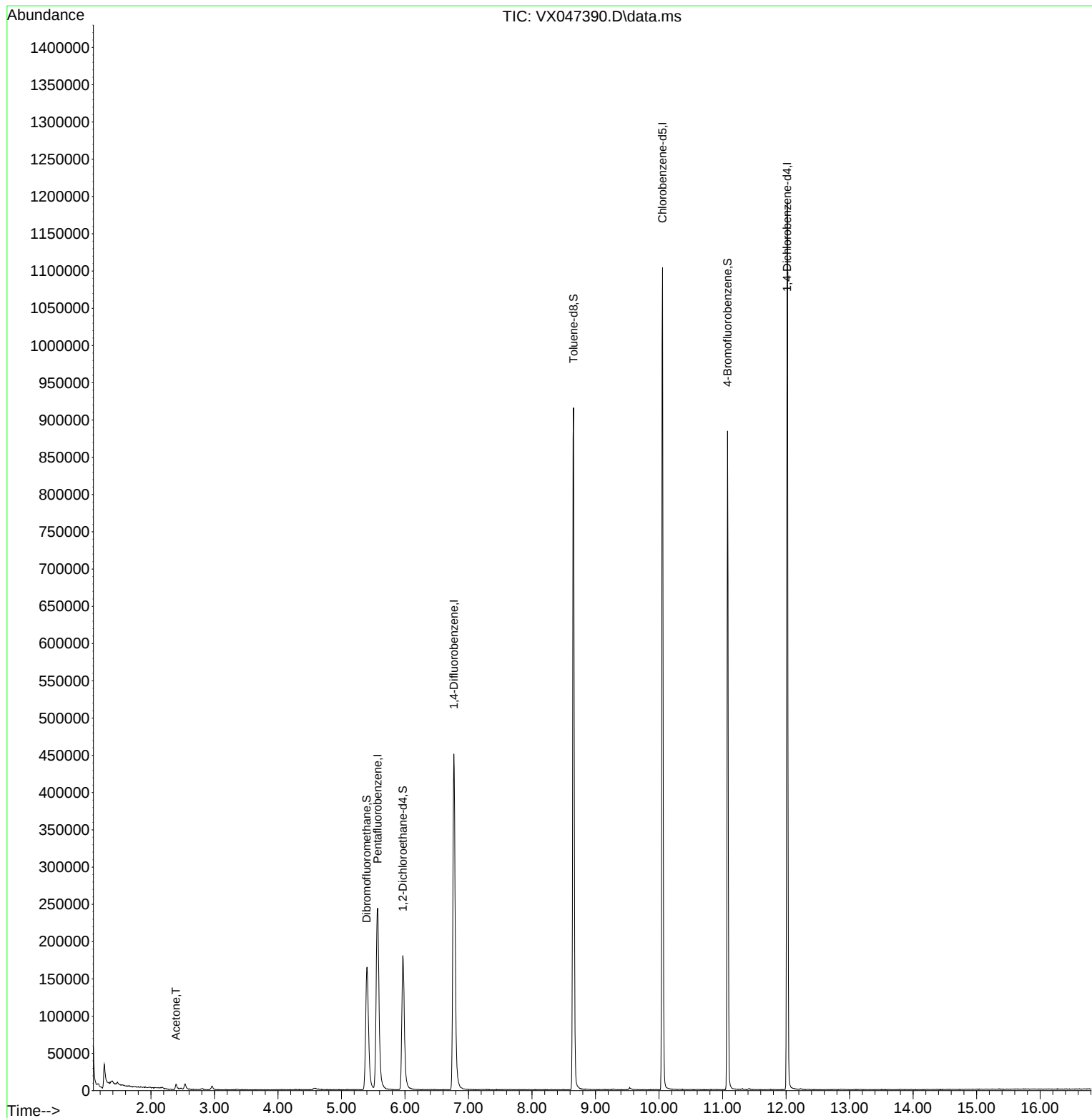
Internal Standards						
1) Pentafluorobenzene	5.568	168	249880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	486066	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	487332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	241466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	191023	54.622	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.240%	
35) Dibromofluoromethane	5.397	113	160622	50.917	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.840%	
50) Toluene-d8	8.653	98	560013	49.667	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.340%	
62) 4-Bromofluorobenzene	11.079	95	229359	55.123	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.240%	
Target Compounds						Qvalue
16) Acetone	2.392	43	9634	7.329	ug/l	98

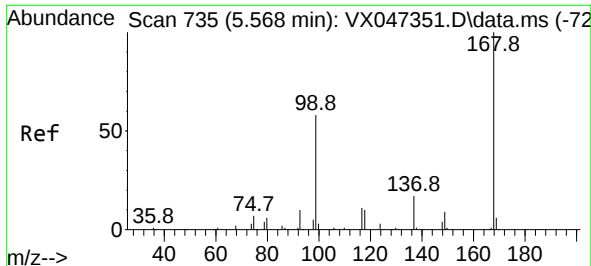
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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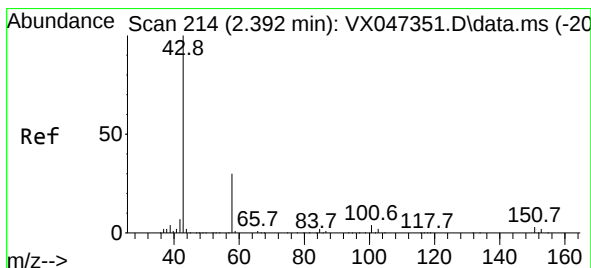
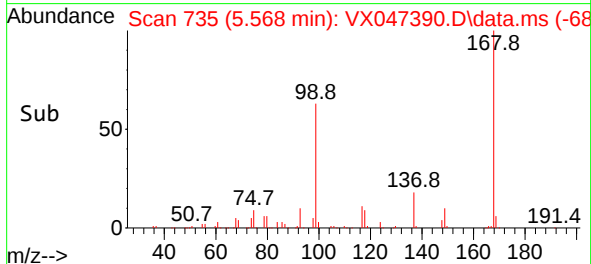
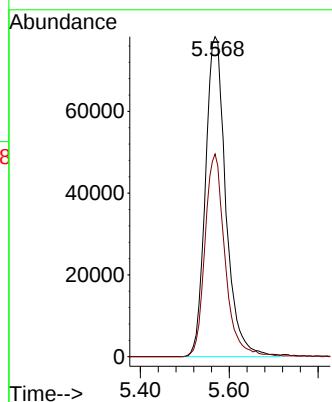
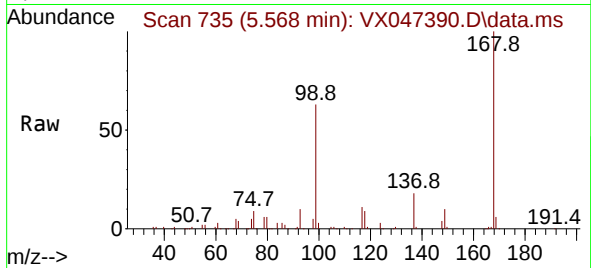




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047390.D
Acq: 18 Aug 2025 18:05

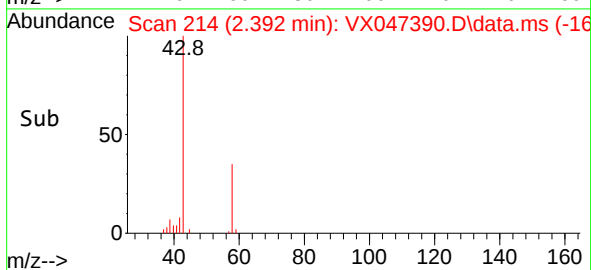
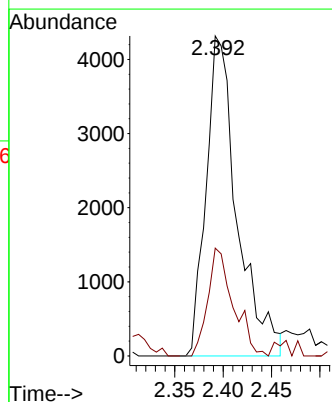
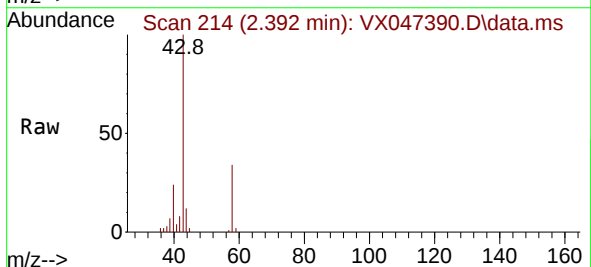
Instrument :
MSVOA_X
ClientSampleId :
TW-17M-E

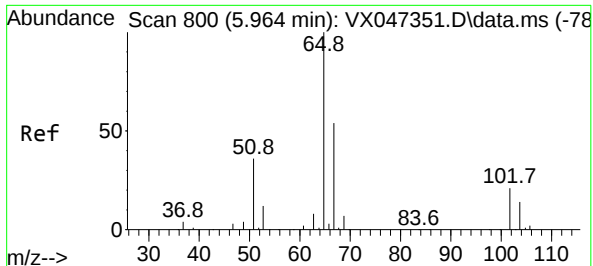
Tgt Ion:168 Resp: 249880
Ion Ratio Lower Upper
168 100
99 63.4 47.9 71.9



#16
Acetone
Concen: 7.329 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047390.D
Acq: 18 Aug 2025 18:05

Tgt Ion: 43 Resp: 9634
Ion Ratio Lower Upper
43 100
58 32.1 24.8 37.2

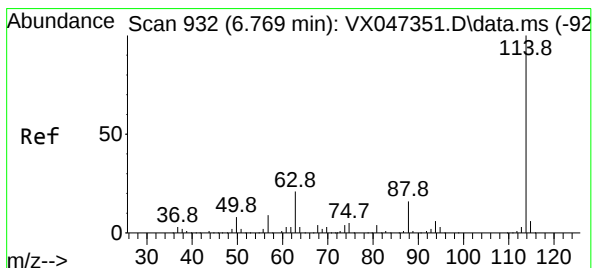
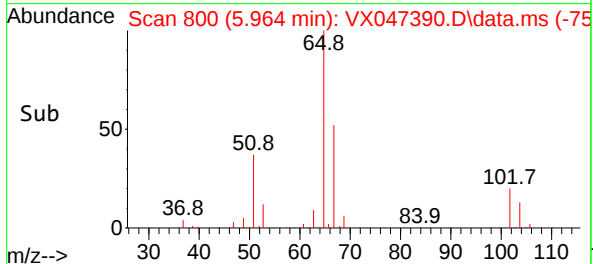
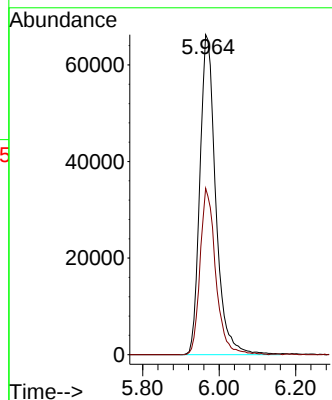
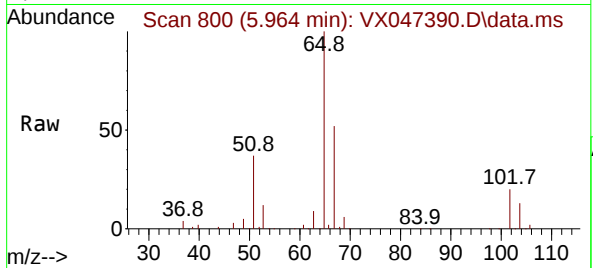




#33
 1,2-Dichloroethane-d4
 Concen: 54.622 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047390.D
 Acq: 18 Aug 2025 18:05

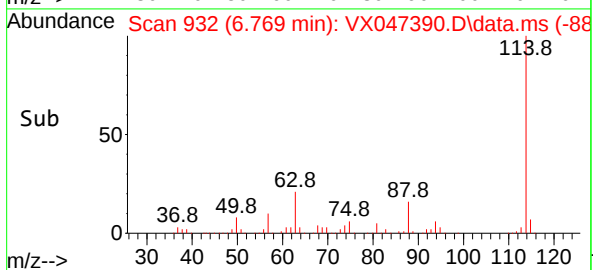
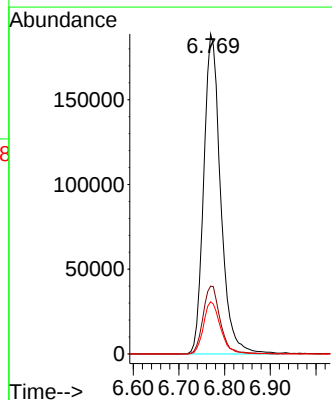
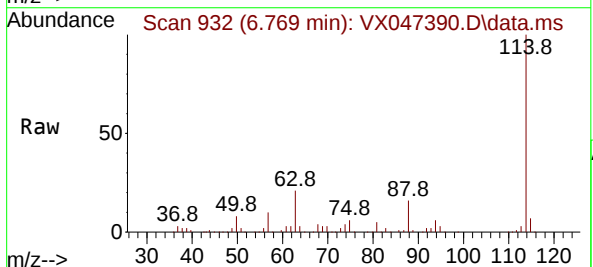
Instrument :
 MSVOA_X
 ClientSampleId :
 TW-17M-E

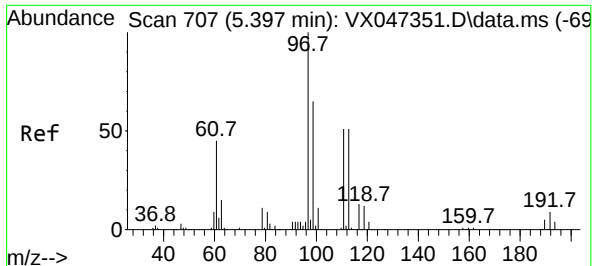
Tgt Ion: 65 Resp: 191023
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047390.D
 Acq: 18 Aug 2025 18:05

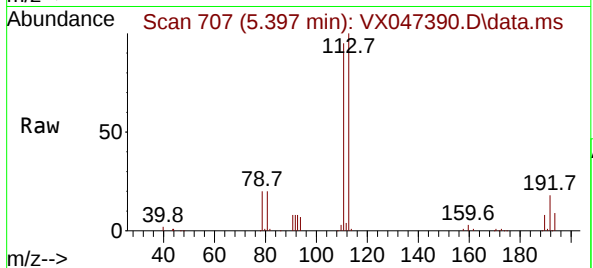
Tgt Ion: 114 Resp: 486066
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.4
 88 16.3 0.0 33.0



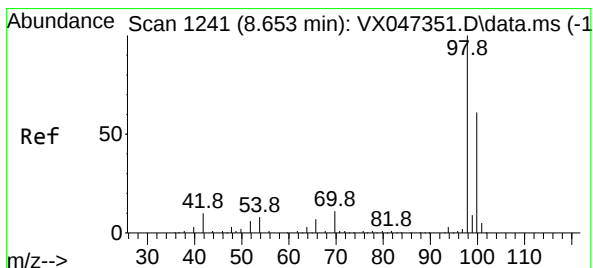
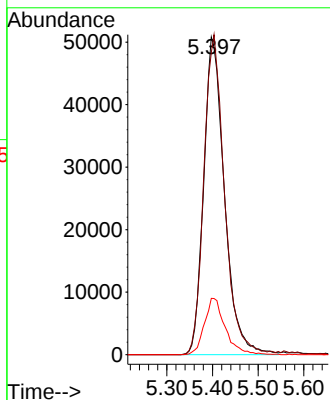
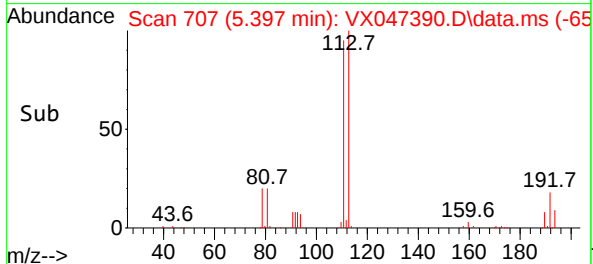


#35
Dibromofluoromethane
Concen: 50.917 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047390.D
Acq: 18 Aug 2025 18:05

Instrument :
MSVOA_X
ClientSampleId :
TW-17M-E

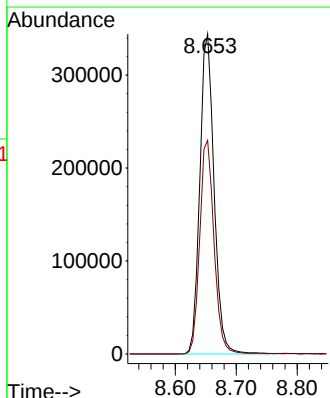
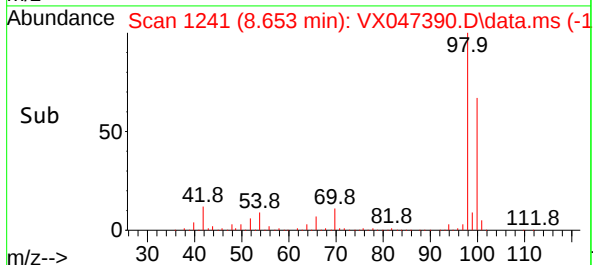
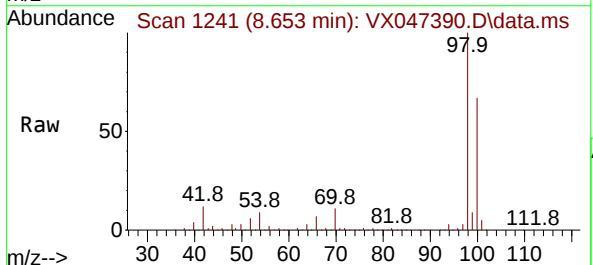


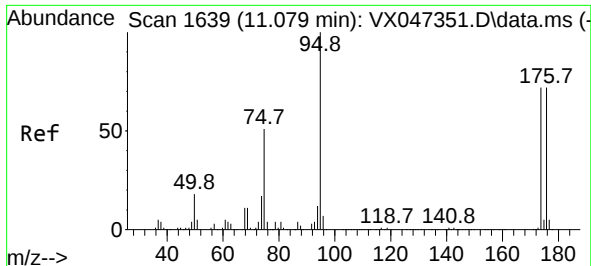
Tgt Ion:113 Resp: 160622
Ion Ratio Lower Upper
113 100
111 100.5 81.4 122.2
192 17.8 14.1 21.1



#50
Toluene-d8
Concen: 49.667 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047390.D
Acq: 18 Aug 2025 18:05

Tgt Ion: 98 Resp: 560013
Ion Ratio Lower Upper
98 100
100 66.8 53.9 80.9

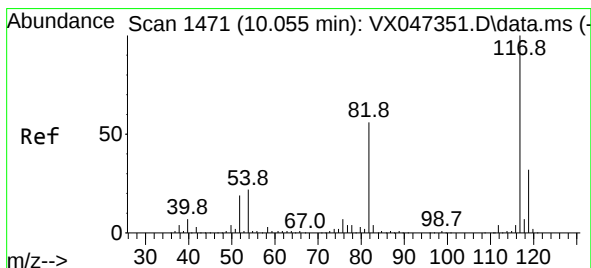
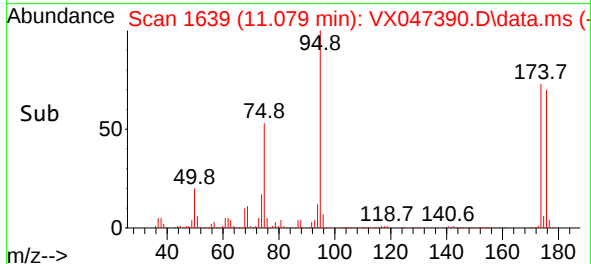
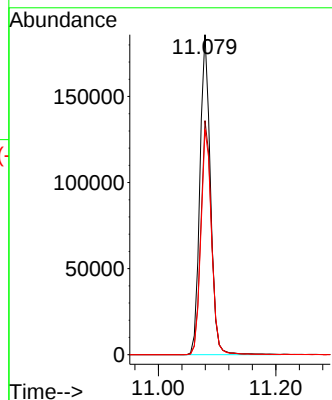
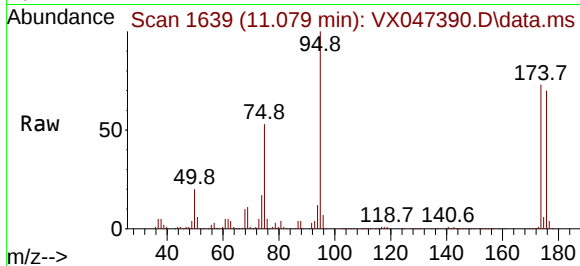




#62
4-Bromofluorobenzene
Concen: 55.123 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047390.D
Acq: 18 Aug 2025 18:05

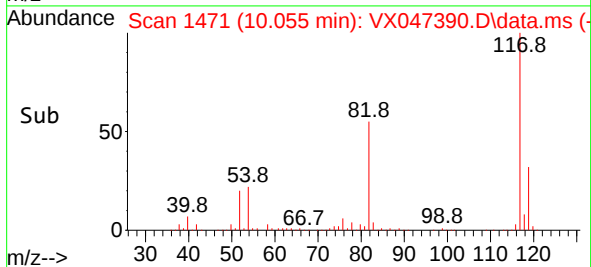
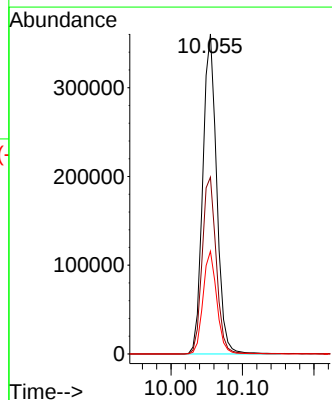
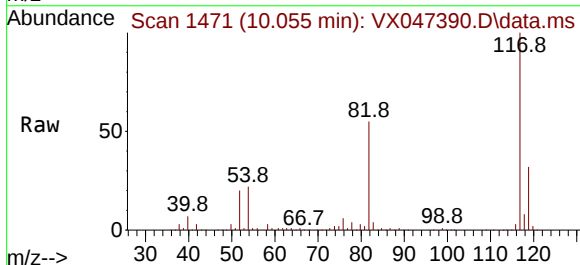
Instrument :
MSVOA_X
ClientSampleId :
TW-17M-E

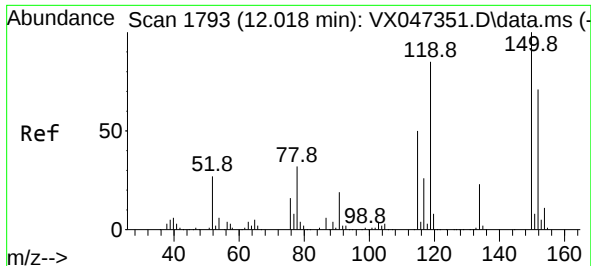
Tgt Ion: 95 Resp: 229359
Ion Ratio Lower Upper
95 100
174 74.6 0.0 148.0
176 71.9 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047390.D
Acq: 18 Aug 2025 18:05

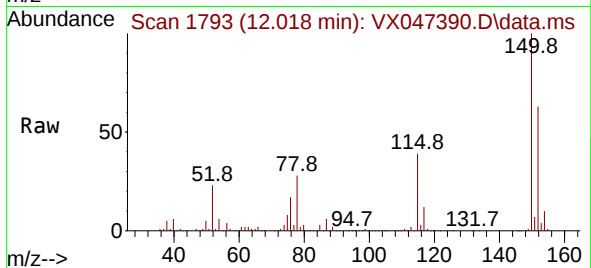
Tgt Ion: 117 Resp: 487332
Ion Ratio Lower Upper
117 100
82 55.2 45.0 67.4
119 32.1 25.8 38.8





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047390.D
 Acq: 18 Aug 2025 18:05

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-17M-E



Tgt Ion:152 Resp: 241466
 Ion Ratio Lower Upper
 152 100
 115 61.3 44.6 133.8
 150 157.3 0.0 349.8

