

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081825\
 Data File : VX047377.D
 Acq On : 18 Aug 2025 13:27
 Operator : JC/MD
 Sample : Q2815-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-705R-S

Quant Time: Aug 19 01:41:42 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)

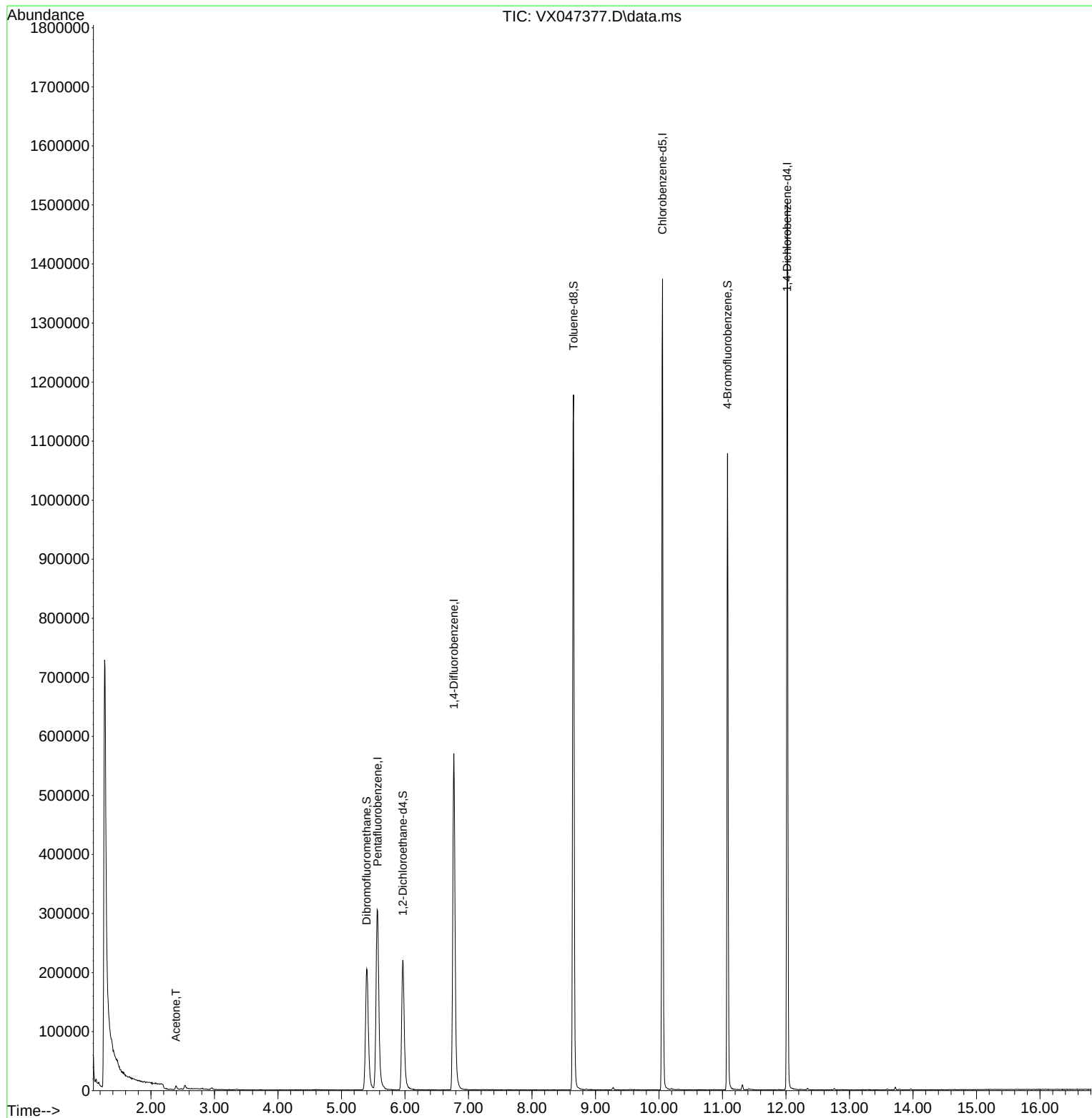
Internal Standards						
1) Pentafluorobenzene	5.568	168	311120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	608136	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	595081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	295876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	234233	53.794	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.580%	
35) Dibromofluoromethane	5.397	113	199309	50.498	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.000%	
50) Toluene-d8	8.653	98	713925	50.607	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.220%	
62) 4-Bromofluorobenzene	11.079	95	291116	55.921	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.840%	
Target Compounds						
16) Acetone	2.392	43	7258	4.435	ug/l	Qvalue 96

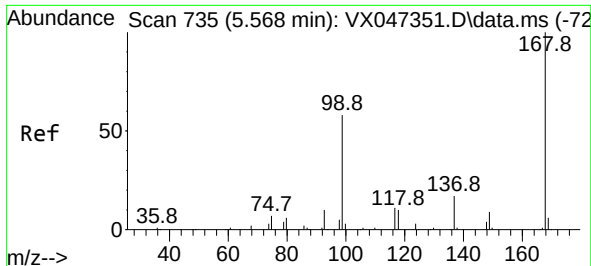
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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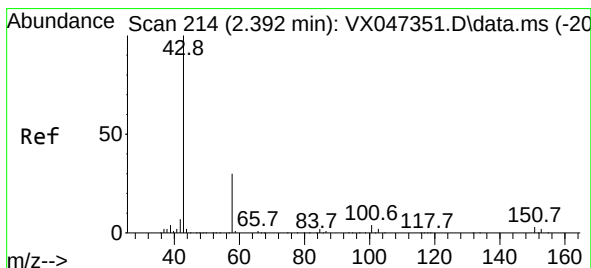
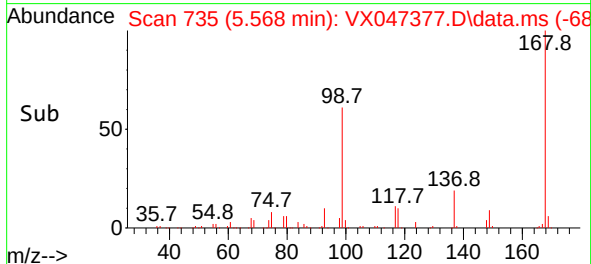
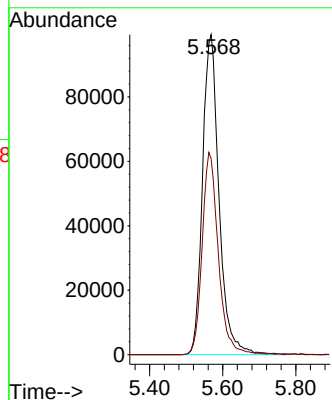
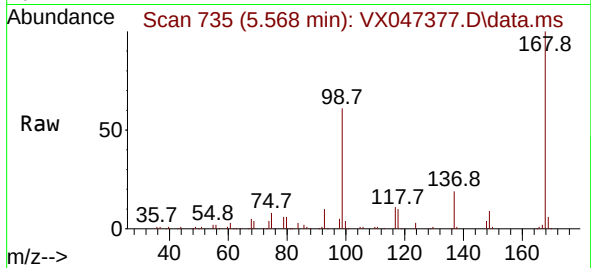




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.000 min
Lab File: VX047377.D
Acq: 18 Aug 2025 13:27

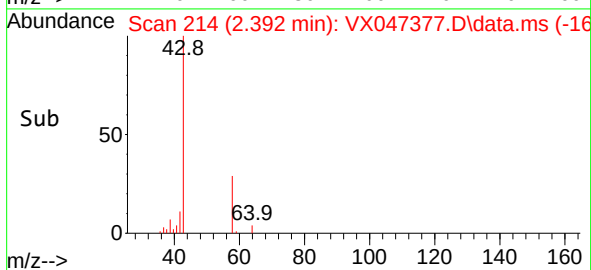
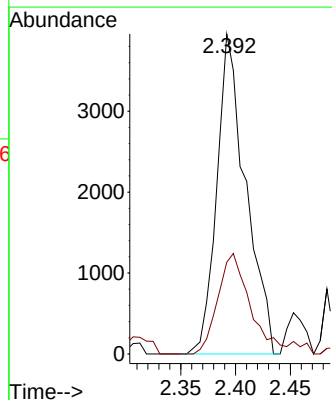
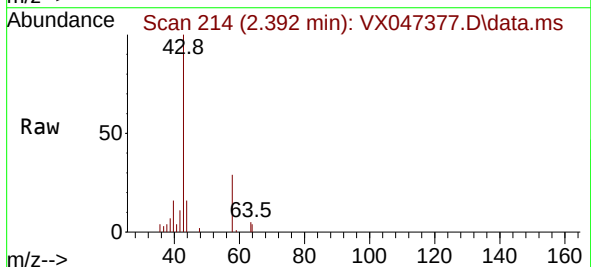
Instrument :
MSVOA_X
ClientSampleId :
TW-705R-S

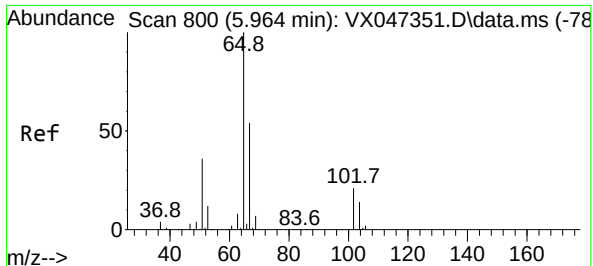
Tgt Ion:168 Resp: 311120
Ion Ratio Lower Upper
168 100
99 61.3 47.9 71.9



#16
Acetone
Concen: 4.435 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX047377.D
Acq: 18 Aug 2025 13:27

Tgt Ion: 43 Resp: 7258
Ion Ratio Lower Upper
43 100
58 28.6 24.8 37.2

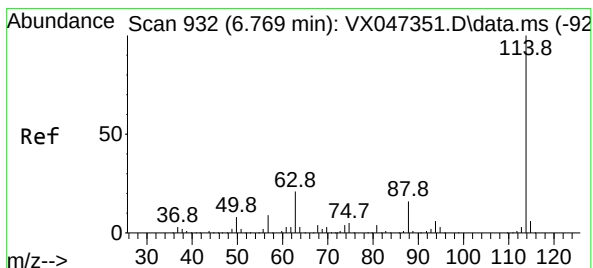
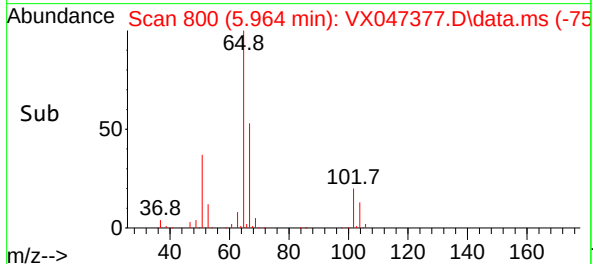
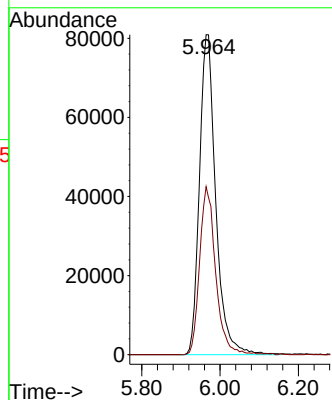
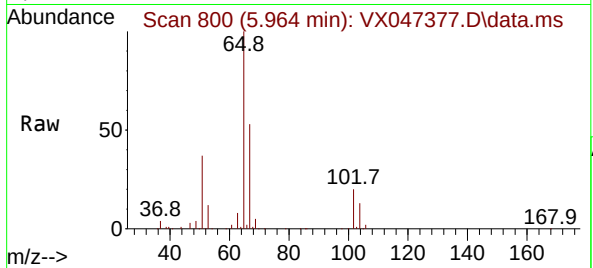




#33
 1,2-Dichloroethane-d4
 Concen: 53.794 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047377.D
 Acq: 18 Aug 2025 13:27

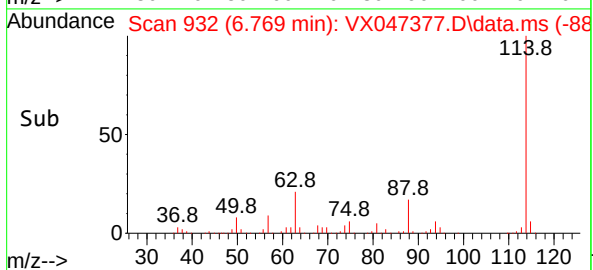
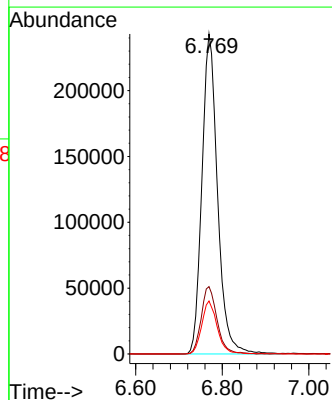
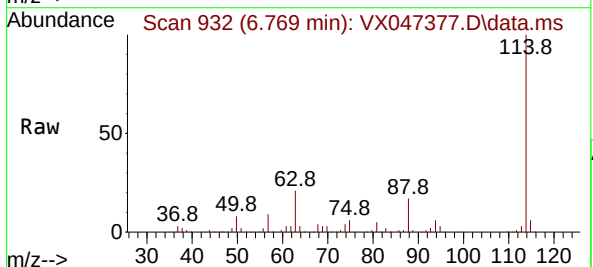
Instrument :
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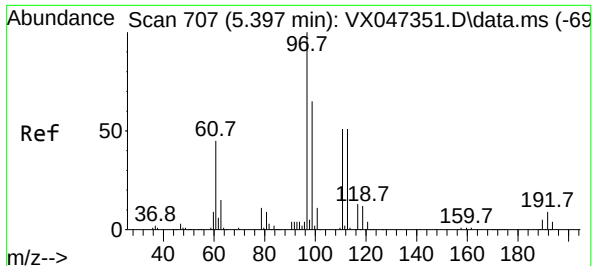
Tgt Ion: 65 Resp: 234233
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 106.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX047377.D
 Acq: 18 Aug 2025 13:27

Tgt Ion: 114 Resp: 608136
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 42.4
 88 16.5 0.0 33.0

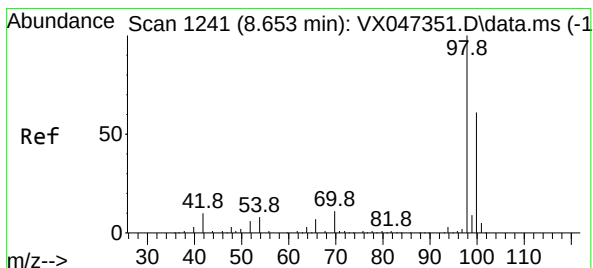
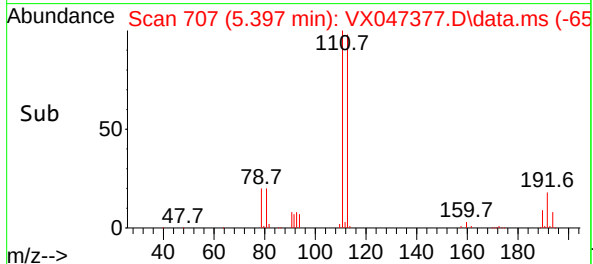
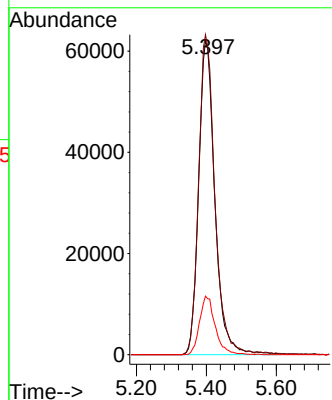
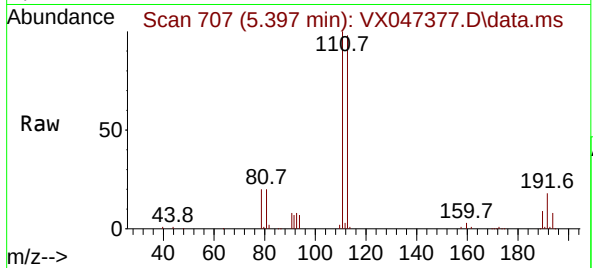




#35
Dibromofluoromethane
Concen: 50.498 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047377.D
Acq: 18 Aug 2025 13:27

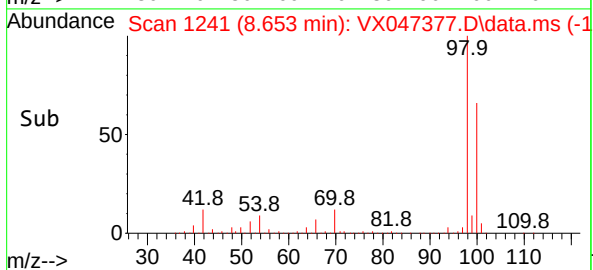
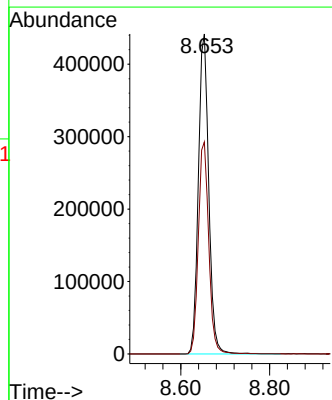
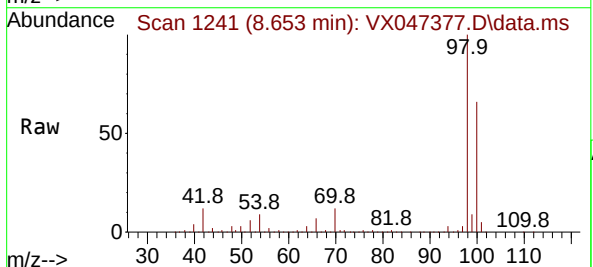
Instrument :
MSVOA_X
ClientSampleId :
TW-705R-S

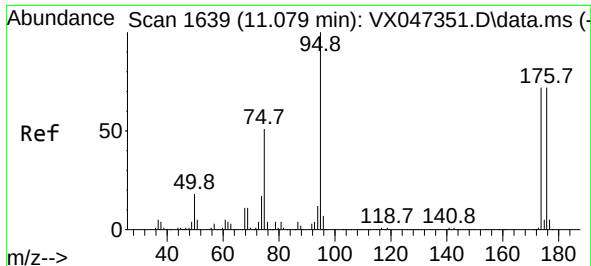
Tgt Ion:113 Resp: 199309
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.2
192 18.0 14.1 21.1



#50
Toluene-d8
Concen: 50.607 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047377.D
Acq: 18 Aug 2025 13:27

Tgt Ion: 98 Resp: 713925
Ion Ratio Lower Upper
98 100
100 66.2 53.9 80.9

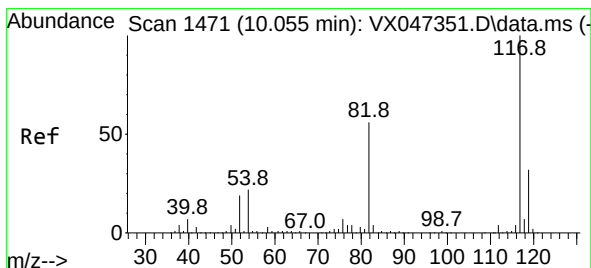
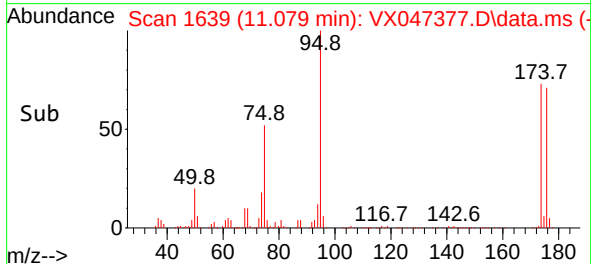
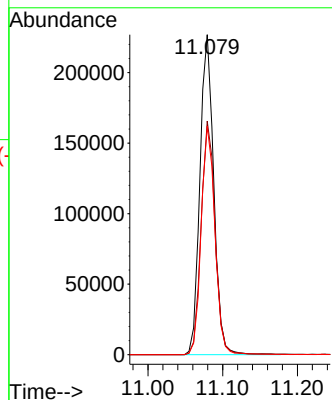
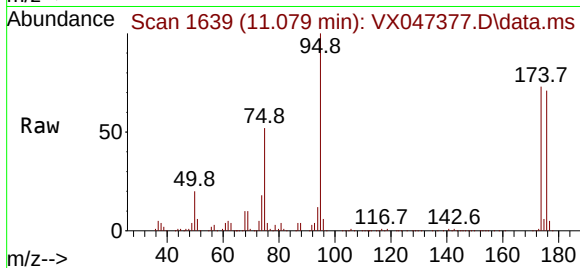




#62
4-Bromofluorobenzene
Concen: 55.921 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047377.D
Acq: 18 Aug 2025 13:27

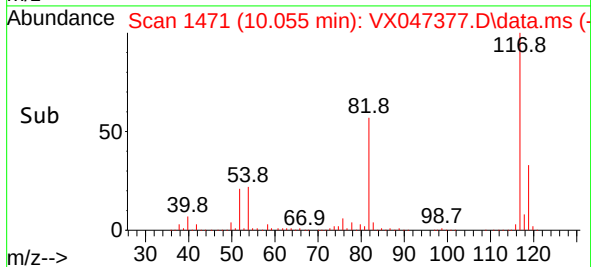
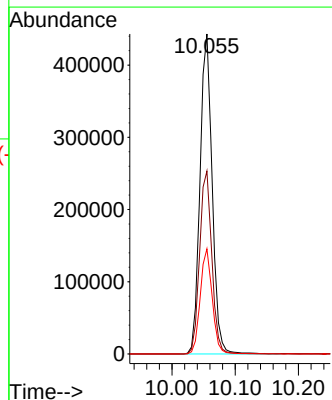
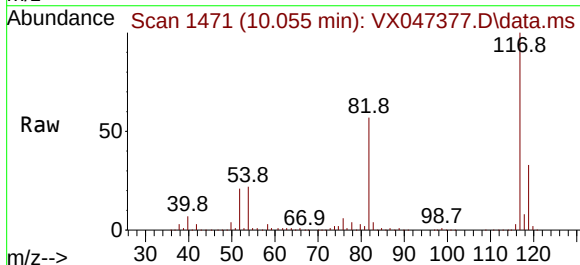
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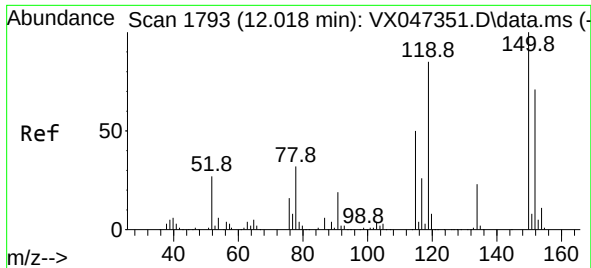
Tgt Ion: 95 Resp: 291116
Ion Ratio Lower Upper
95 100
174 73.6 0.0 148.0
176 71.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047377.D
Acq: 18 Aug 2025 13:27

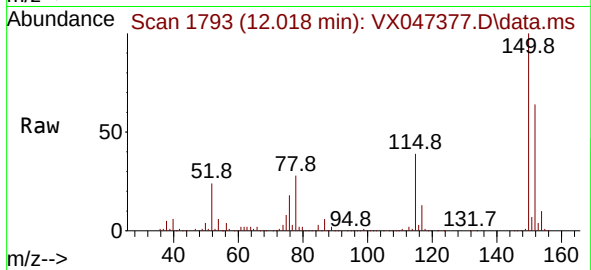
Tgt Ion: 117 Resp: 595081
Ion Ratio Lower Upper
117 100
82 57.2 45.0 67.4
119 32.9 25.8 38.8





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047377.D
Acq: 18 Aug 2025 13:27

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:152 Resp: 295876
Ion Ratio Lower Upper
152 100
115 61.2 44.6 133.8
150 160.0 0.0 349.8

