

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047406.D
 Acq On : 19 Aug 2025 12:59
 Operator : JC/MD
 Sample : Q2815-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-22M-S

Quant Time: Aug 20 01:25:12 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)

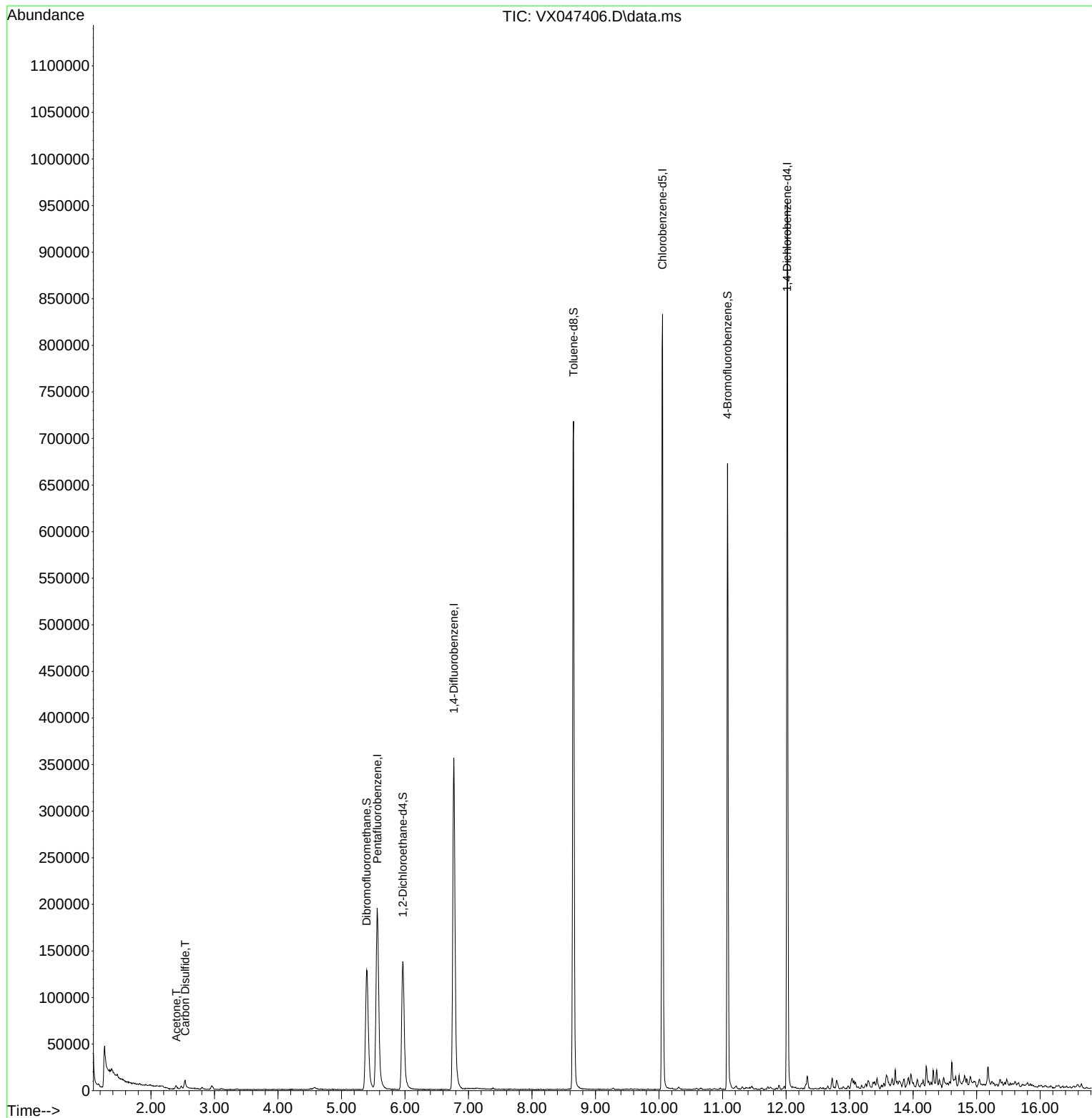
Internal Standards						
1) Pentafluorobenzene	5.562	168	192217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	378823	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	378260	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	187039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	148535	55.215	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 110.420%	
35) Dibromofluoromethane	5.397	113	125348	50.984	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.960%	
50) Toluene-d8	8.653	98	438277	49.874	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 99.740%	
62) 4-Bromofluorobenzene	11.079	95	179486	55.349	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.700%	
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	5746	5.683	ug/l #	87
17) Carbon Disulfide	2.538	76	9106	1.247	ug/l #	93

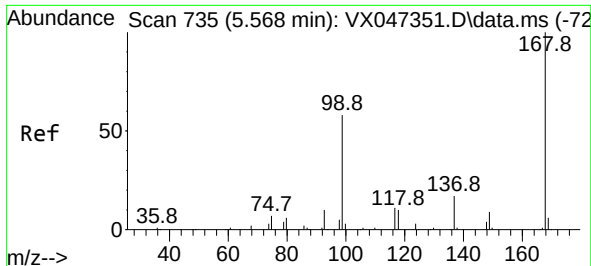
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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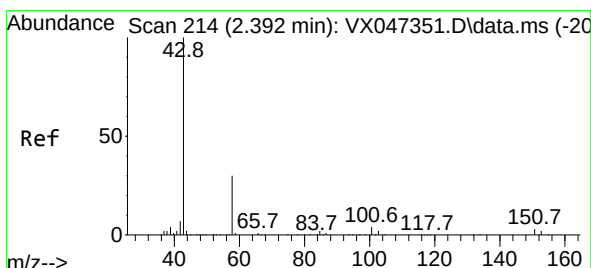
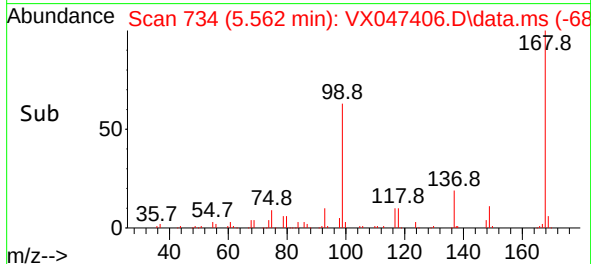
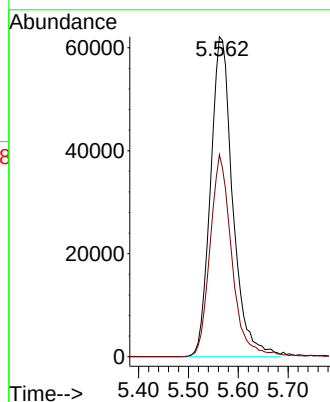
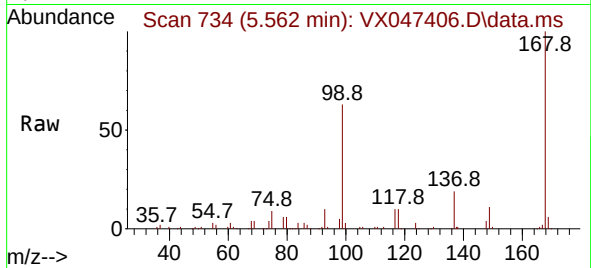




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047406.D
Acq: 19 Aug 2025 12:59

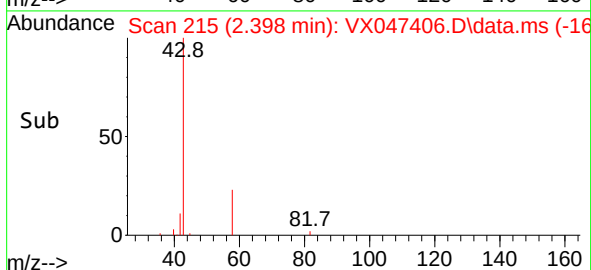
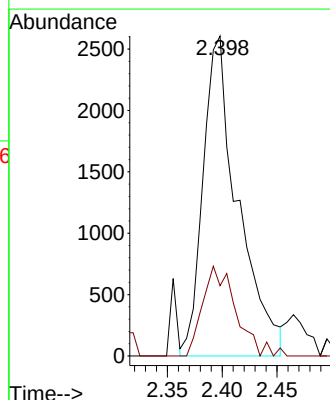
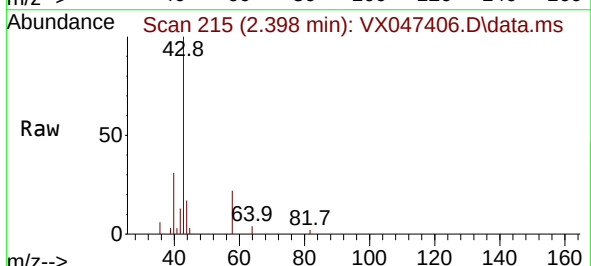
Instrument :
MSVOA_X
ClientSampleId :
TW-22M-S

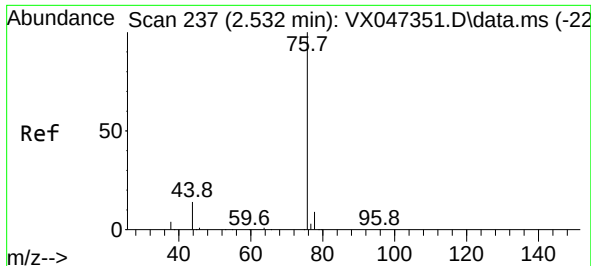
Tgt Ion:168 Resp: 192217
Ion Ratio Lower Upper
168 100
99 63.1 47.9 71.9



#16
Acetone
Concen: 5.683 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX047406.D
Acq: 19 Aug 2025 12:59

Tgt Ion: 43 Resp: 5746
Ion Ratio Lower Upper
43 100
58 24.1 24.8 37.2#

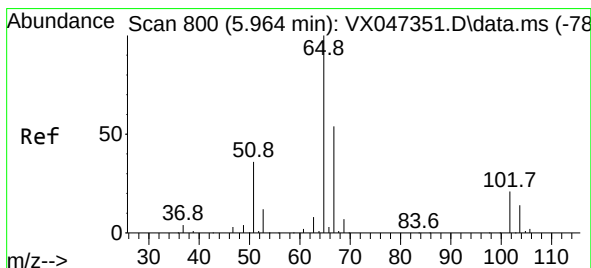
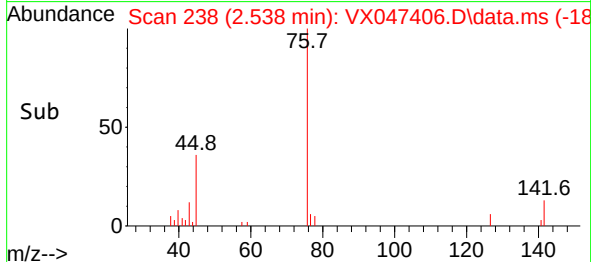
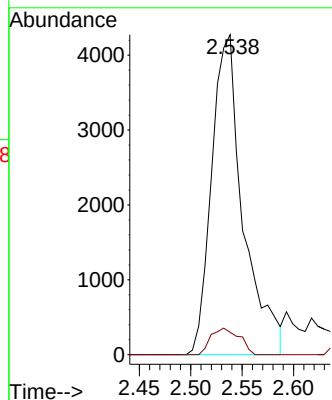
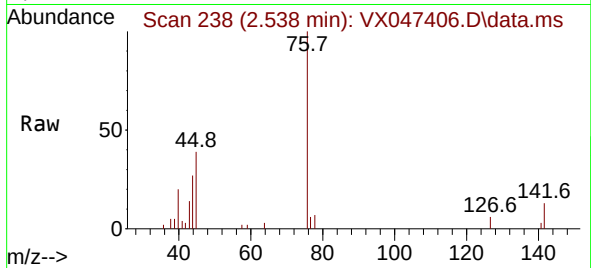




#17
Carbon Disulfide
Concen: 1.247 ug/l
RT: 2.538 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX047406.D
Acq: 19 Aug 2025 12:59

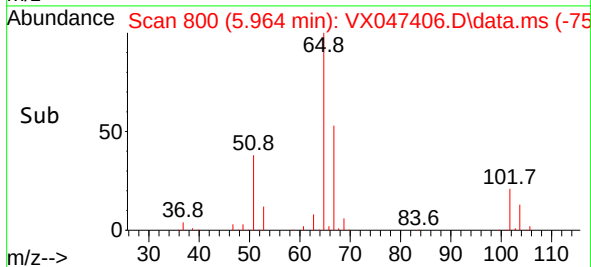
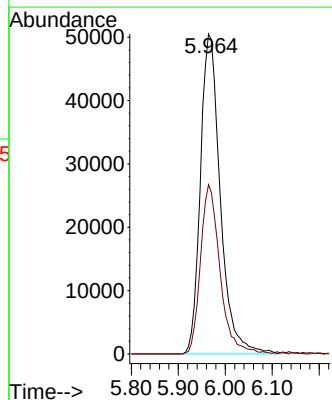
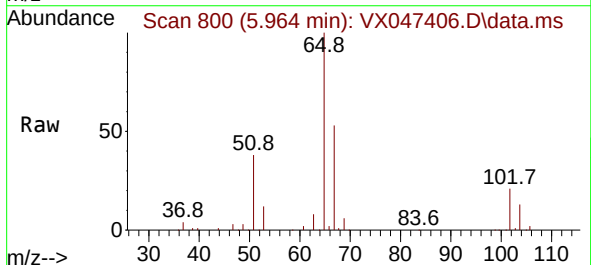
Instrument :
MSVOA_X
ClientSampleId :
TW-22M-S

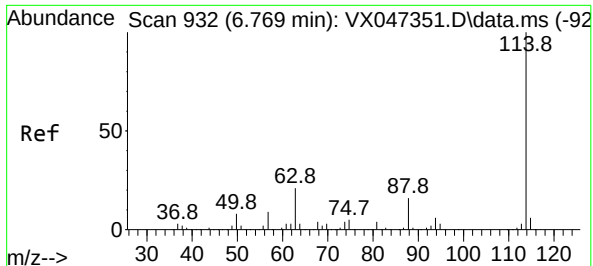
Tgt Ion: 76 Resp: 9106
Ion Ratio Lower Upper
76 100
78 6.6 7.2 10.8#



#33
1,2-Dichloroethane-d4
Concen: 55.215 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047406.D
Acq: 19 Aug 2025 12:59

Tgt Ion: 65 Resp: 148535
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.0

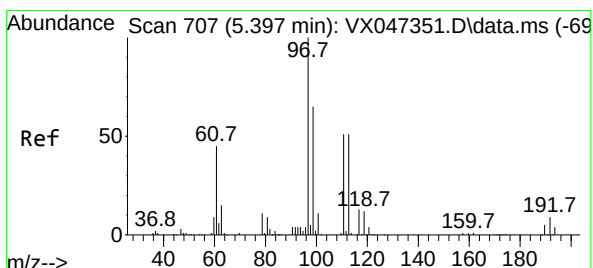
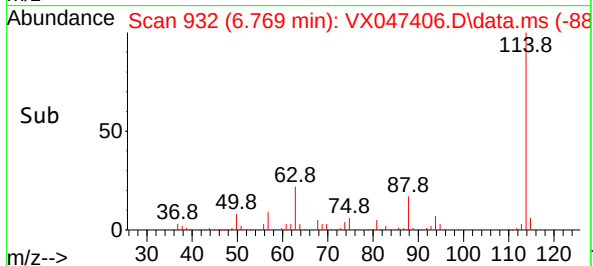
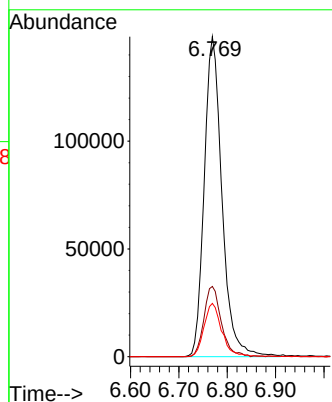
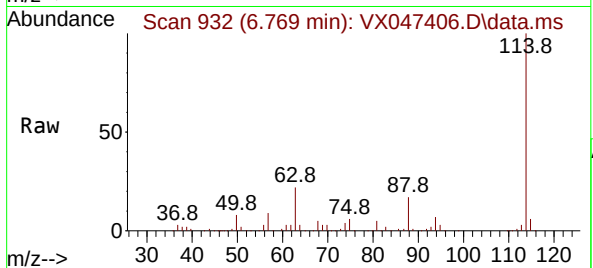




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047406.D
Acq: 19 Aug 2025 12:59

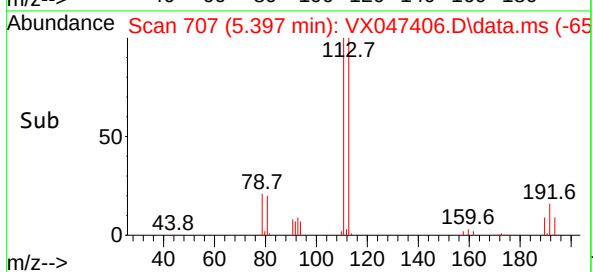
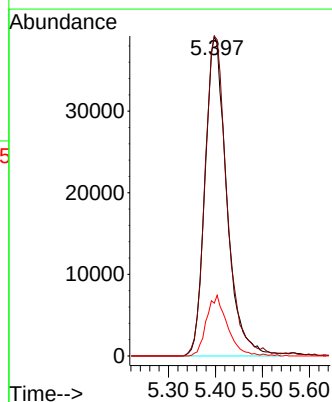
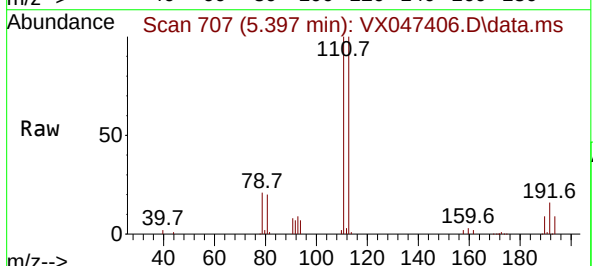
Instrument :
MSVOA_X
ClientSampleId :
TW-22M-S

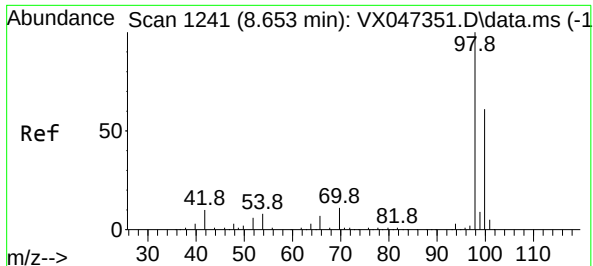
Tgt Ion:114 Resp: 378823
Ion Ratio Lower Upper
114 100
63 22.0 0.0 42.4
88 16.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 50.984 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047406.D
Acq: 19 Aug 2025 12:59

Tgt Ion:113 Resp: 125348
Ion Ratio Lower Upper
113 100
111 101.4 81.4 122.2
192 18.2 14.1 21.1

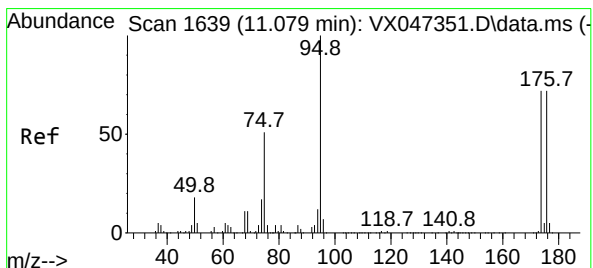
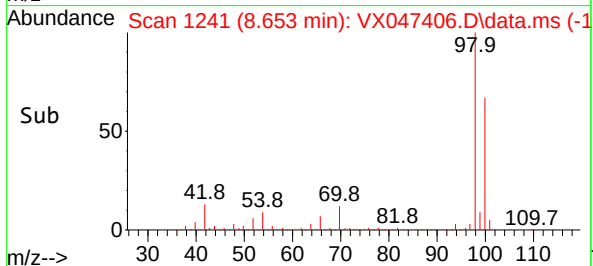
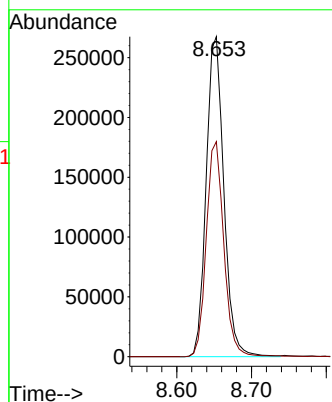
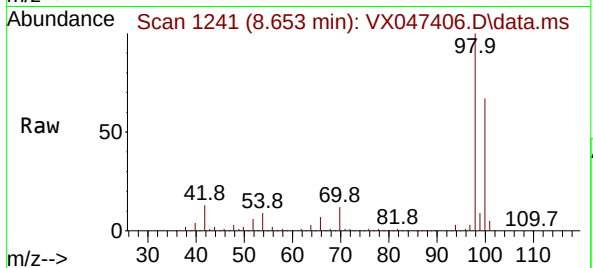




#50
Toluene-d8
Concen: 49.874 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047406.D
Acq: 19 Aug 2025 12:59

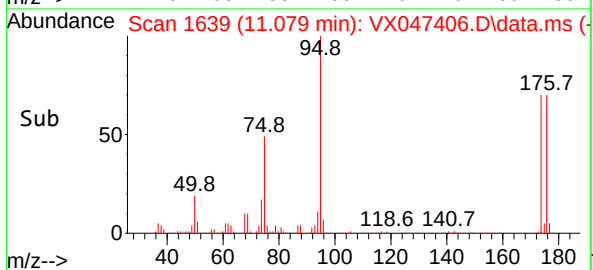
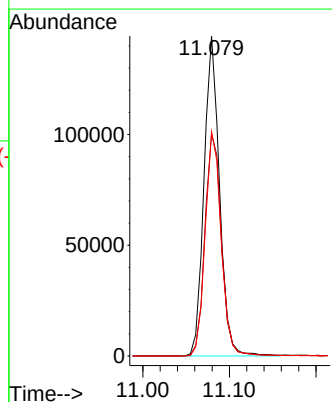
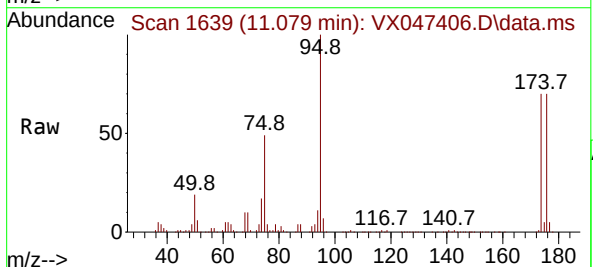
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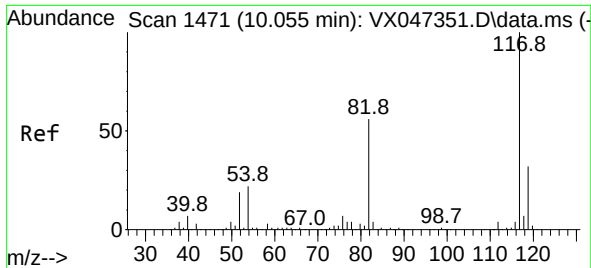
Tgt Ion: 98 Resp: 438277
Ion Ratio Lower Upper
98 100
100 67.0 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 55.349 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047406.D
Acq: 19 Aug 2025 12:59

Tgt Ion: 95 Resp: 179486
Ion Ratio Lower Upper
95 100
174 74.3 0.0 148.0
176 72.2 0.0 145.4

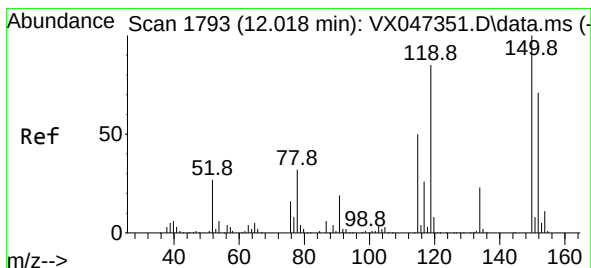
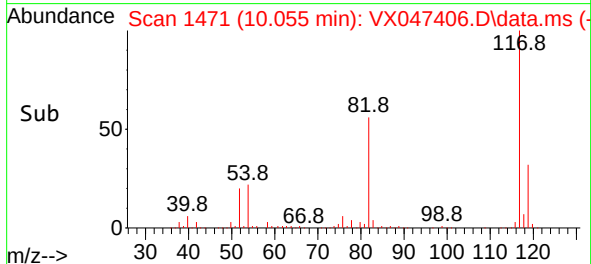
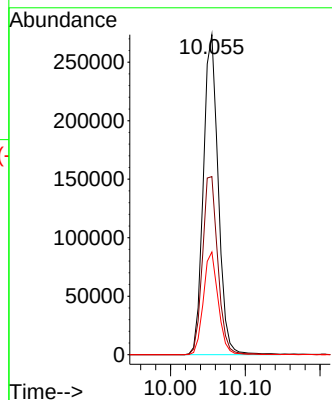
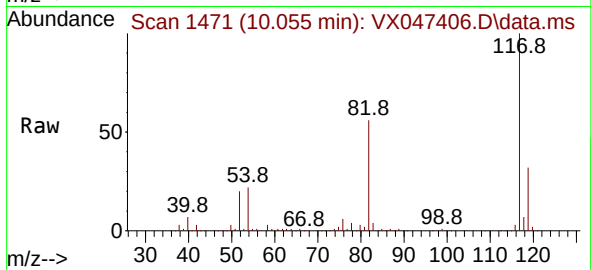




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047406.D
Acq: 19 Aug 2025 12:59

Instrument :
MSVOA_X
ClientSampleId :
TW-22M-S

Tgt Ion:117 Resp: 378260
Ion Ratio Lower Upper
117 100
82 55.7 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# 1793
Delta R.T. 0.000 min
Lab File: VX047406.D
Acq: 19 Aug 2025 12:59

Tgt Ion:152 Resp: 187039
Ion Ratio Lower Upper
152 100
115 62.5 44.6 133.8
150 158.1 0.0 349.8

