

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082025\
 Data File : VX047433.D
 Acq On : 20 Aug 2025 11:49
 Operator : JC/MD
 Sample : Q2815-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-11M-S

Quant Time: Aug 21 01:29:09 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)

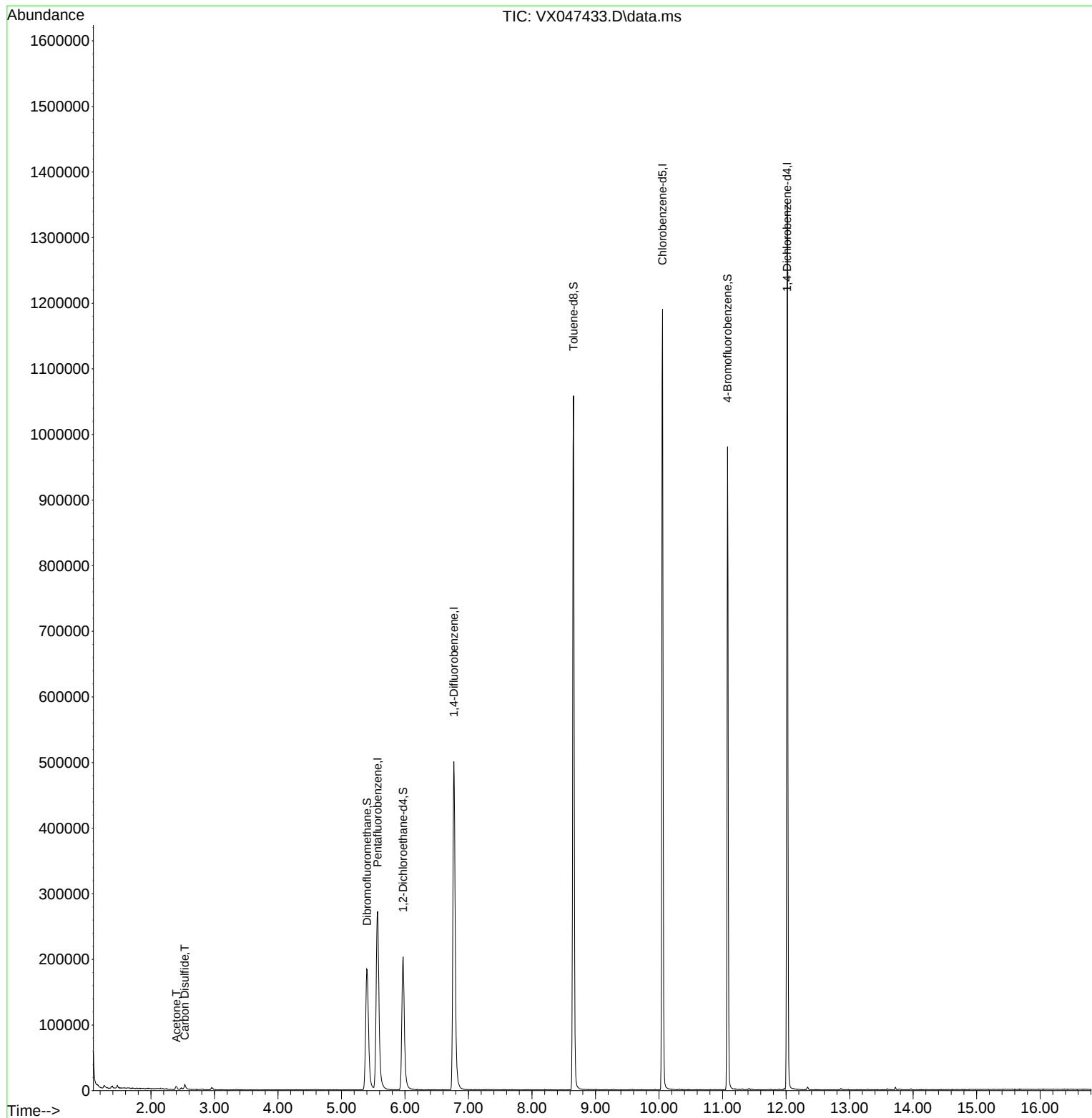
Internal Standards						
1) Pentafluorobenzene	5.568	168	275255	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	538445	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	528308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	264520	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	211576	54.922	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 109.840%	
35) Dibromofluoromethane	5.404	113	178714	51.141	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.280%	
50) Toluene-d8	8.653	98	641607	51.368	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.740%	
62) 4-Bromofluorobenzene	11.079	95	256712	55.695	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 111.400%	
Target Compounds						
					Qvalue	
16) Acetone	2.398	43	7219	4.985	ug/l	96
17) Carbon Disulfide	2.532	76	8056	0.770	ug/l	99

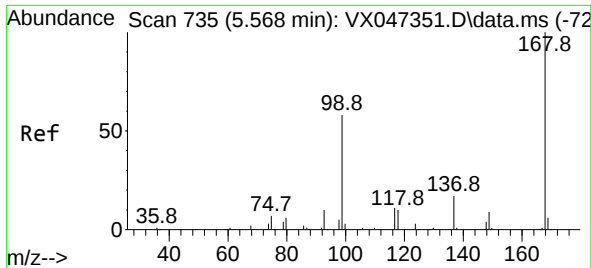
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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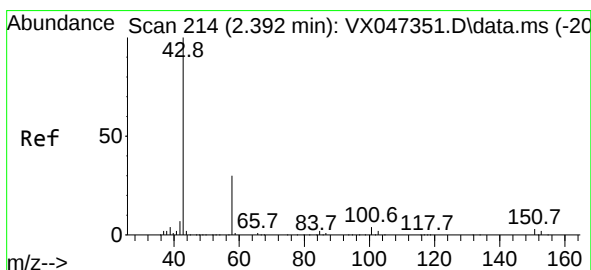
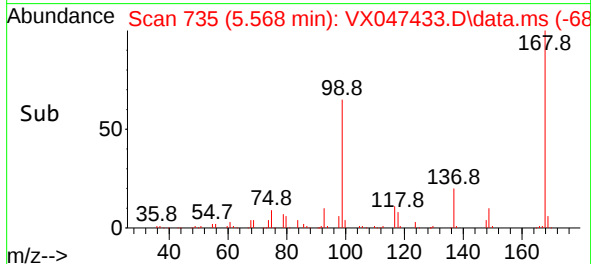
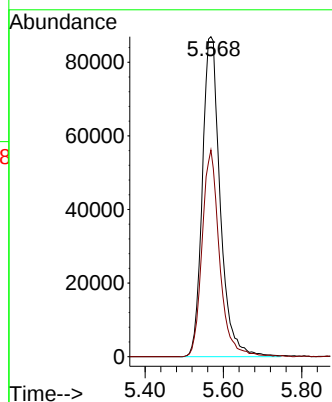
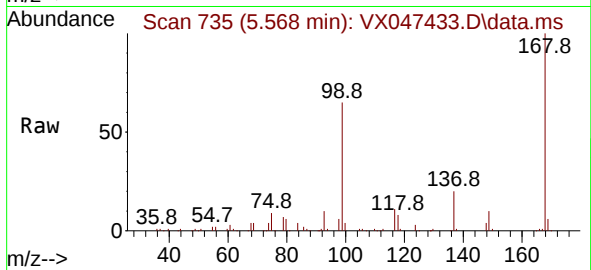




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047433.D
Acq: 20 Aug 2025 11:49

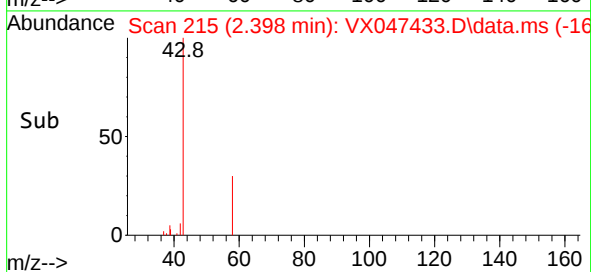
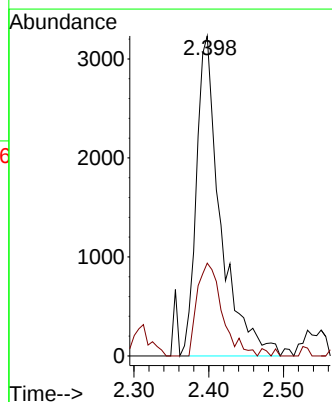
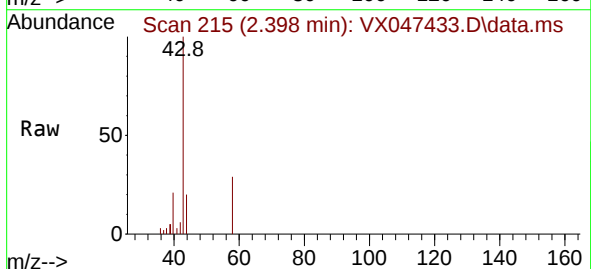
Instrument :
MSVOA_X
ClientSampleId :
TW-11M-S

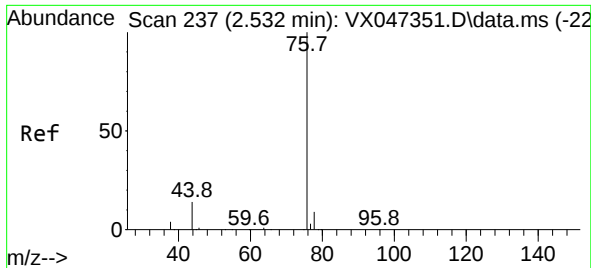
Tgt Ion:168 Resp: 275255
Ion Ratio Lower Upper
168 100
99 64.6 47.9 71.9



#16
Acetone
Concen: 4.985 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX047433.D
Acq: 20 Aug 2025 11:49

Tgt Ion: 43 Resp: 7219
Ion Ratio Lower Upper
43 100
58 29.0 24.8 37.2

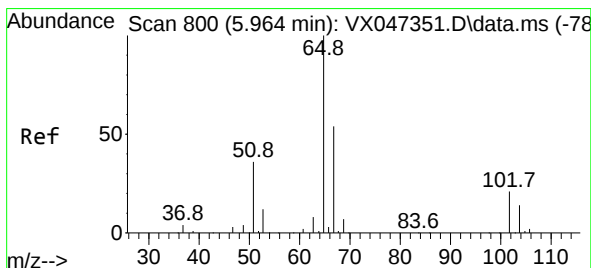
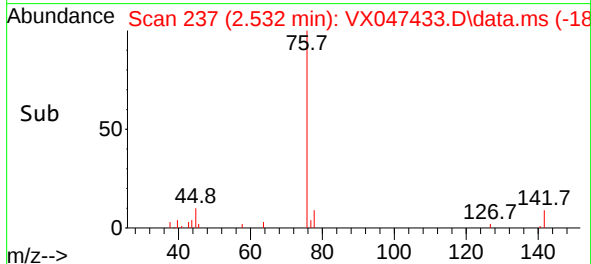
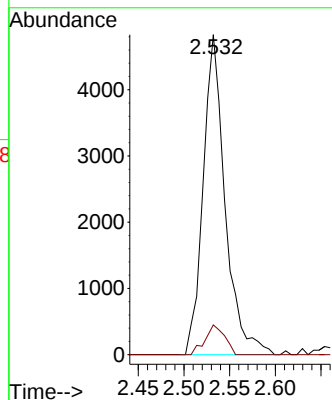
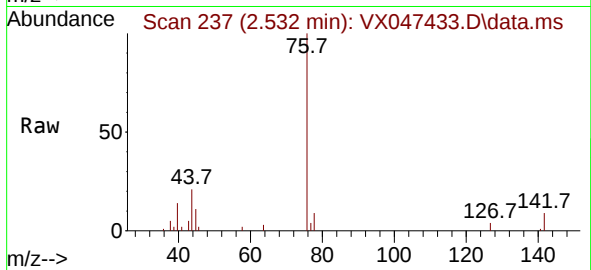




#17
Carbon Disulfide
Concen: 0.770 ug/l
RT: 2.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX047433.D
Acq: 20 Aug 2025 11:49

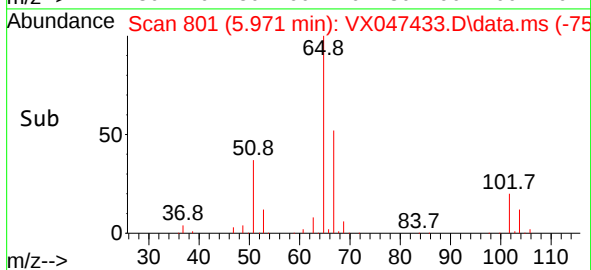
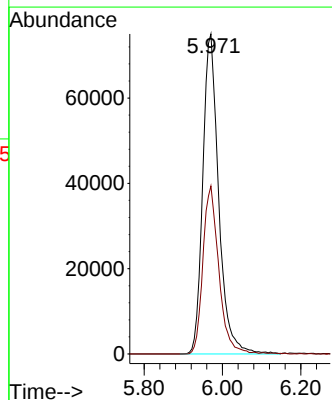
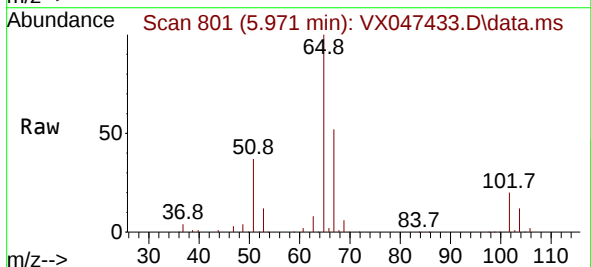
Instrument :
MSVOA_X
ClientSampleId :
TW-11M-S

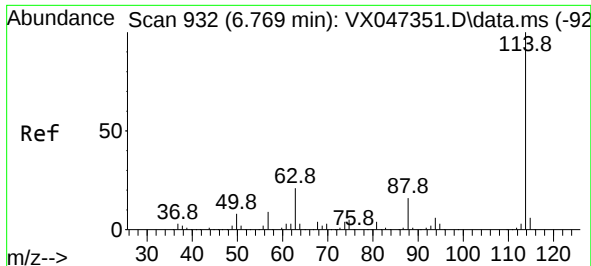
Tgt Ion: 76 Resp: 8056
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8



#33
1,2-Dichloroethane-d4
Concen: 54.922 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX047433.D
Acq: 20 Aug 2025 11:49

Tgt Ion: 65 Resp: 211576
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.0

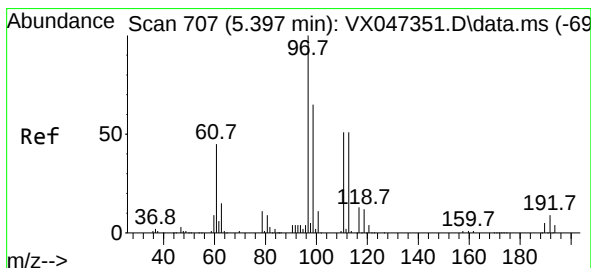
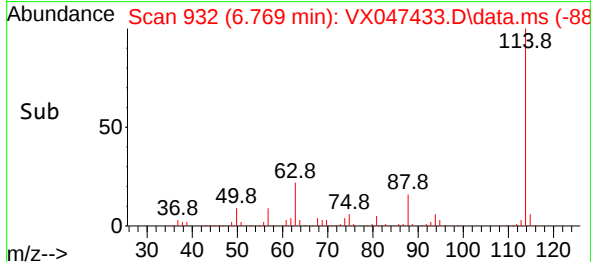
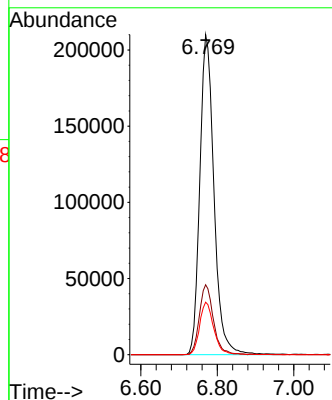
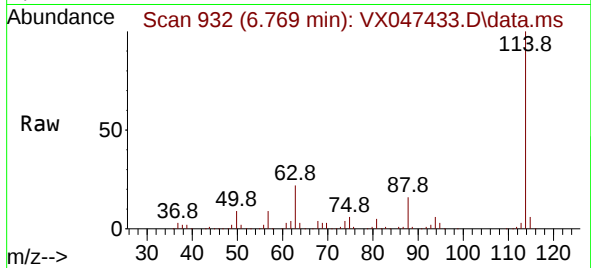




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047433.D
Acq: 20 Aug 2025 11:49

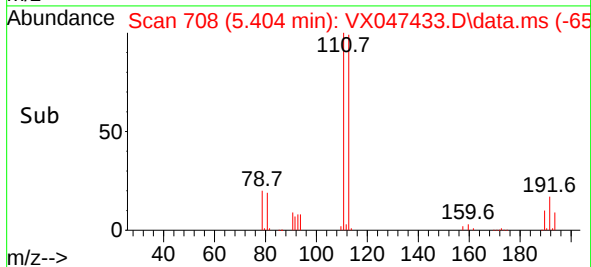
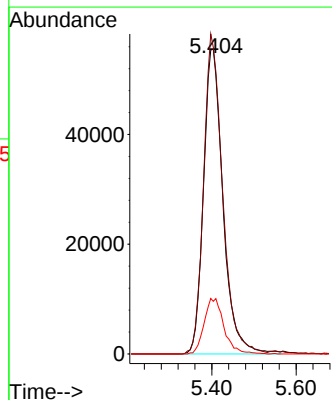
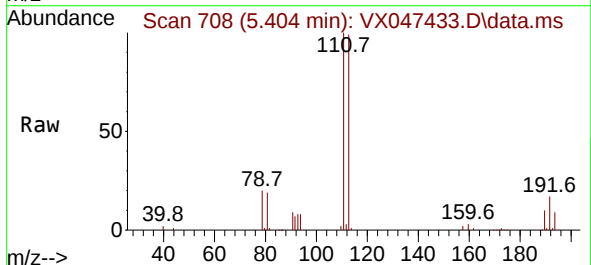
Instrument :
MSVOA_X
ClientSampleId :
TW-11M-S

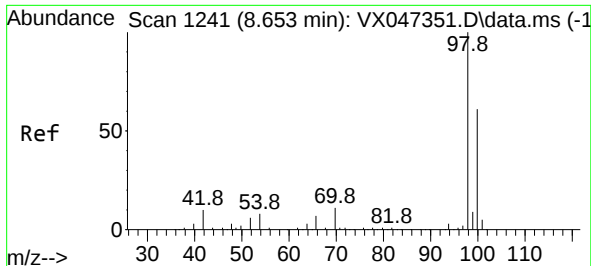
Tgt Ion:114 Resp: 538445
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.4
88 16.4 0.0 33.0



#35
Dibromofluoromethane
Concen: 51.141 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX047433.D
Acq: 20 Aug 2025 11:49

Tgt Ion:113 Resp: 178714
Ion Ratio Lower Upper
113 100
111 102.0 81.4 122.2
192 18.5 14.1 21.1

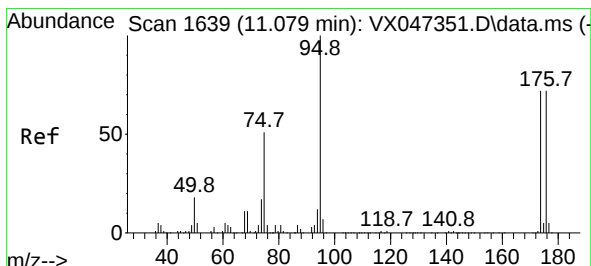
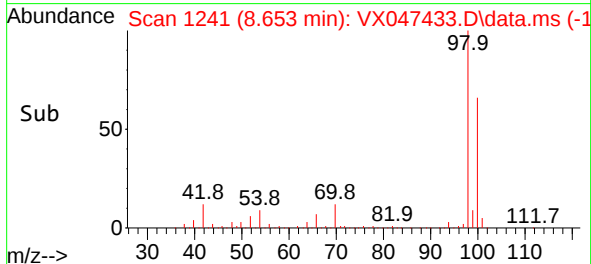
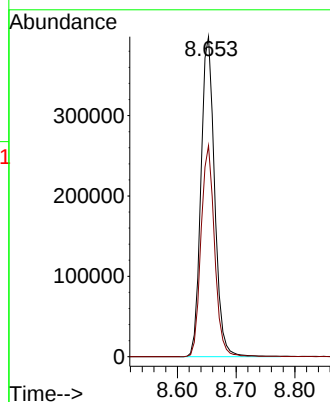
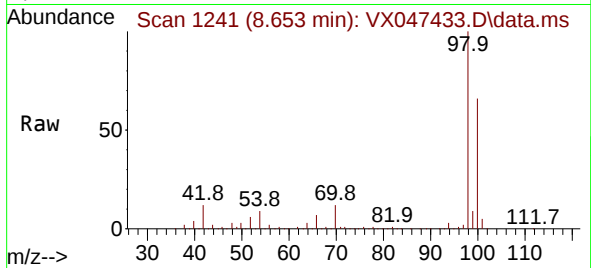




#50
Toluene-d8
Concen: 51.368 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047433.D
Acq: 20 Aug 2025 11:49

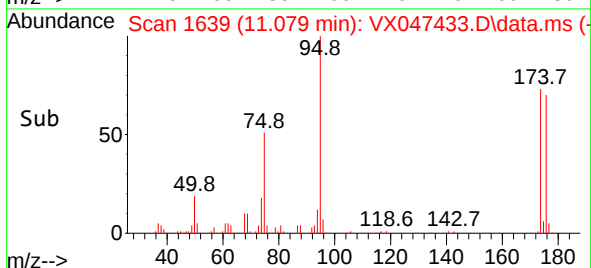
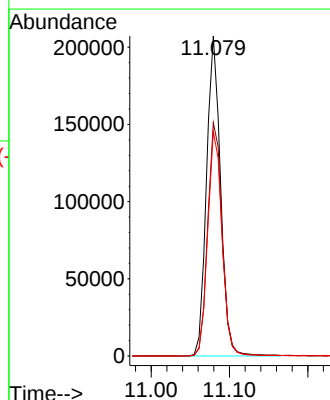
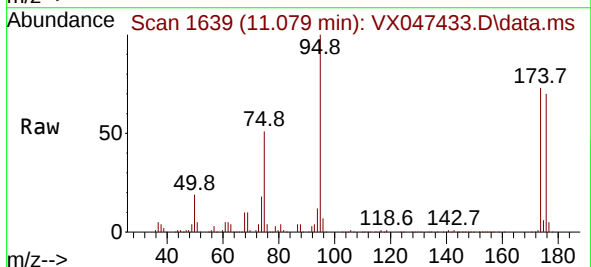
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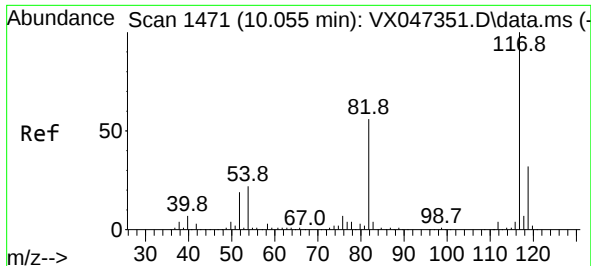
Tgt Ion: 98 Resp: 641607
Ion Ratio Lower Upper
98 100
100 65.5 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 55.695 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047433.D
Acq: 20 Aug 2025 11:49

Tgt Ion: 95 Resp: 256712
Ion Ratio Lower Upper
95 100
174 75.3 0.0 148.0
176 71.7 0.0 145.4

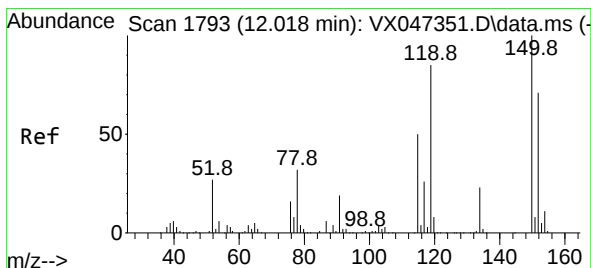
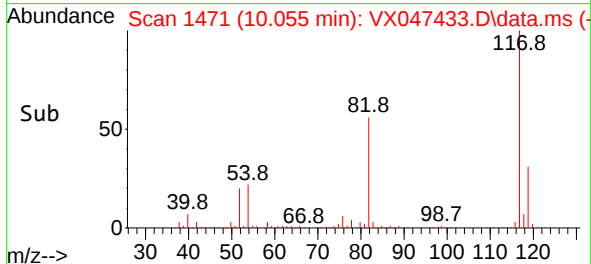
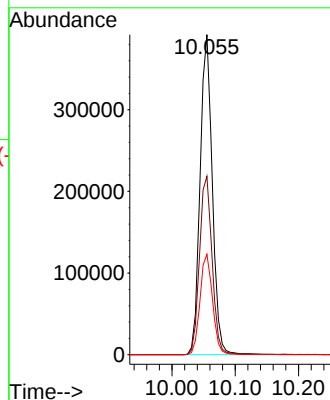
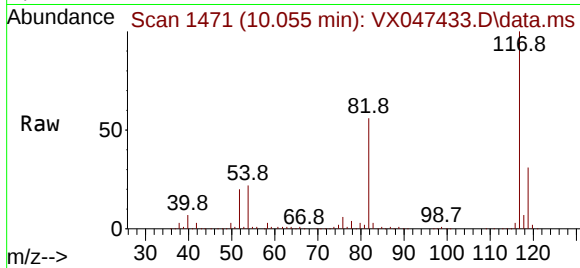




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047433.D
Acq: 20 Aug 2025 11:49

Instrument :
MSVOA_X
ClientSampleId :
TW-11M-S

Tgt Ion:117 Resp: 528308
Ion Ratio Lower Upper
117 100
82 55.7 45.0 67.4
119 31.4 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: VX047433.D
Acq: 20 Aug 2025 11:49

Tgt Ion:152 Resp: 264520
Ion Ratio Lower Upper
152 100
115 62.5 44.6 133.8
150 157.2 0.0 349.8

