

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081925\
 Data File : VX047414.D
 Acq On : 19 Aug 2025 15:53
 Operator : JC/MD
 Sample : Q2815-22
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TW-11M-S

Quant Time: Aug 20 01:28:27 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)

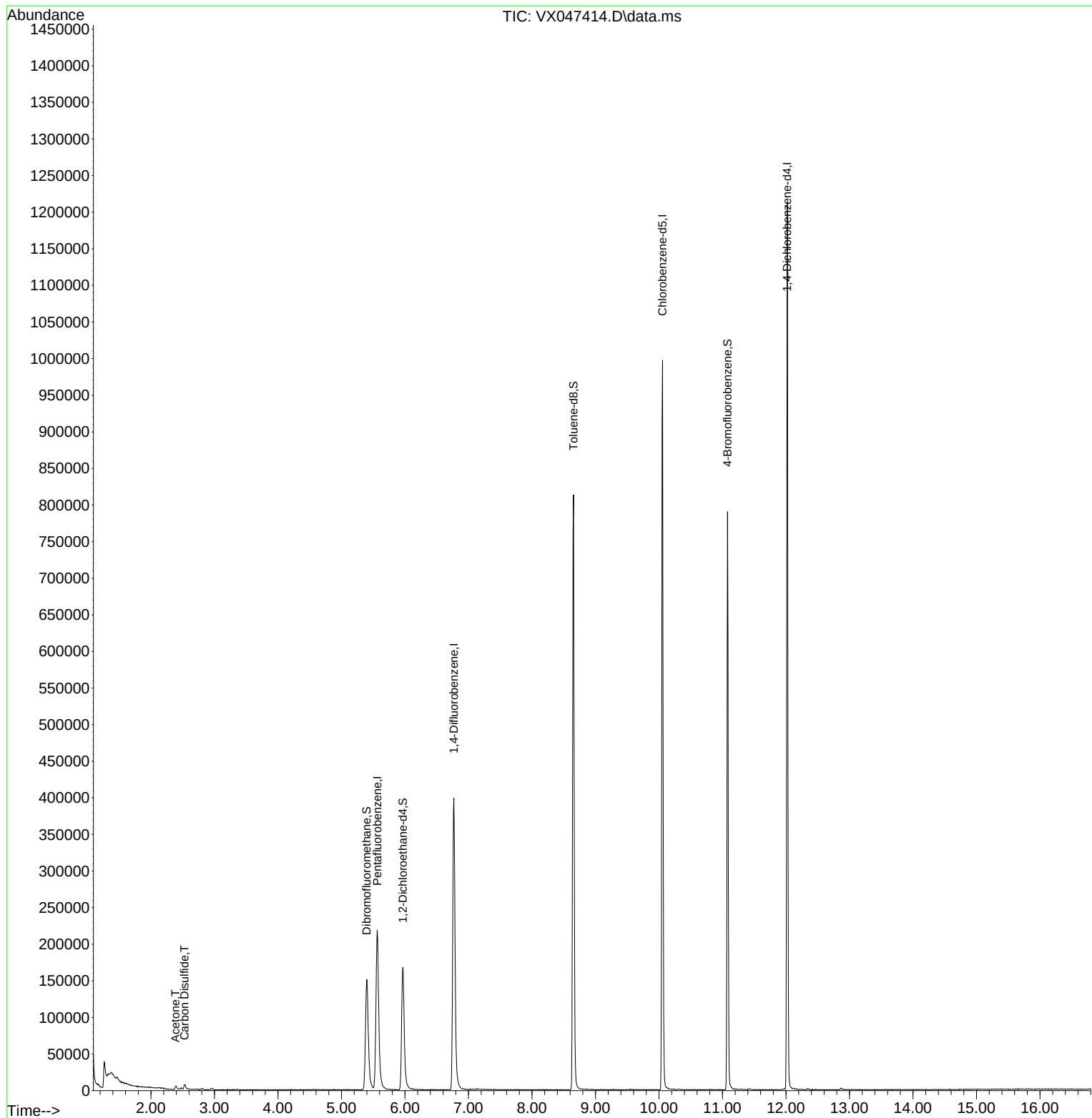
Internal Standards						
1) Pentafluorobenzene	5.562	168	216672	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	434559	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	441424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	234204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	179898	59.325	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 118.660%#			
35) Dibromofluoromethane	5.398	113	147057	52.142	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.280%			
50) Toluene-d8	8.653	98	496123	49.216	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 98.440%			
62) 4-Bromofluorobenzene	11.079	95	213764	57.464	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.920%			
Target Compounds						
16) Acetone	2.386	43	7667	6.727	ug/l	92
17) Carbon Disulfide	2.526	76	9060	1.101	ug/l #	89

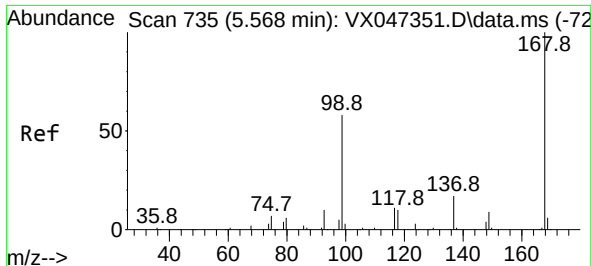
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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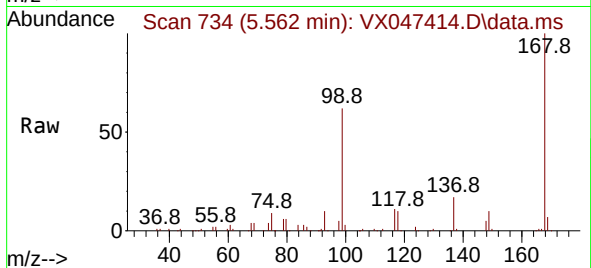
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX047414.D
Acq: 19 Aug 2025 15:53

Instrument :

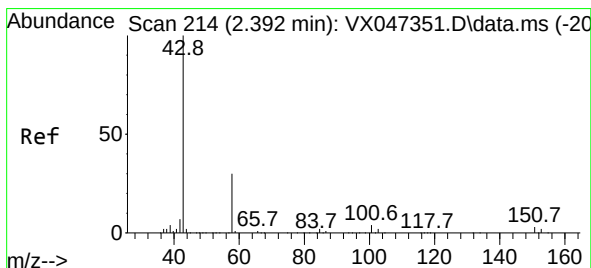
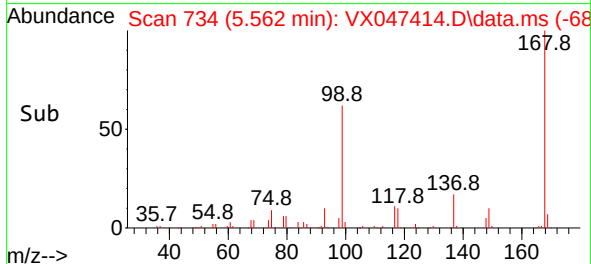
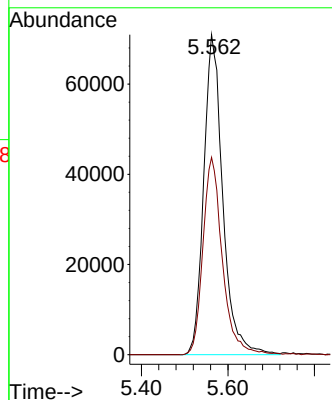
MSVOA_X

ClientSampleId :

TW-11M-S

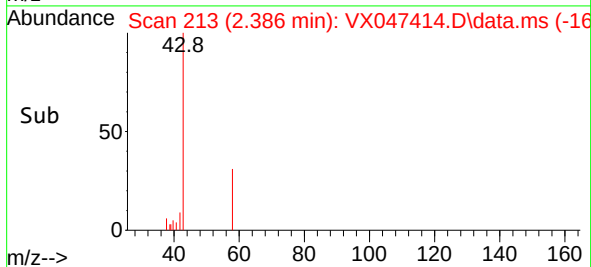
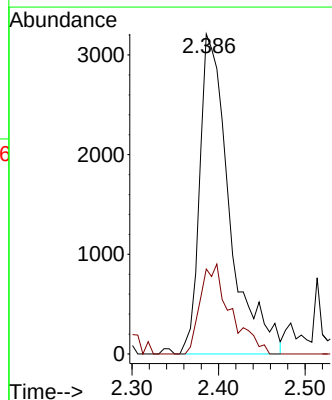
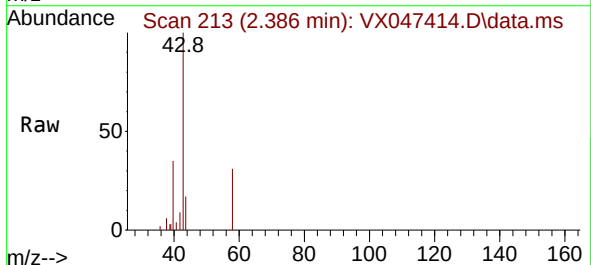


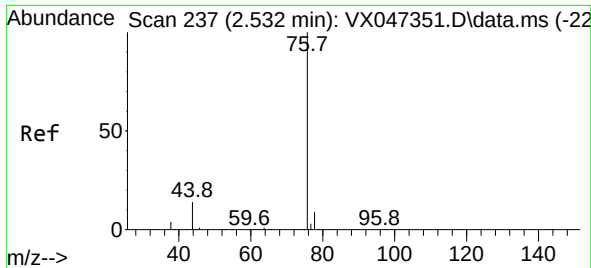
Tgt Ion:168 Resp: 216672
Ion Ratio Lower Upper
168 100
99 61.6 47.9 71.9



#16
Acetone
Concen: 6.727 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX047414.D
Acq: 19 Aug 2025 15:53

Tgt Ion: 43 Resp: 7667
Ion Ratio Lower Upper
43 100
58 26.6 24.8 37.2

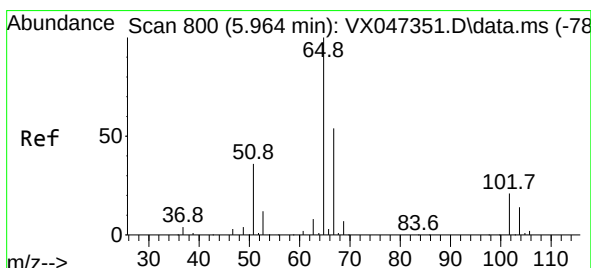
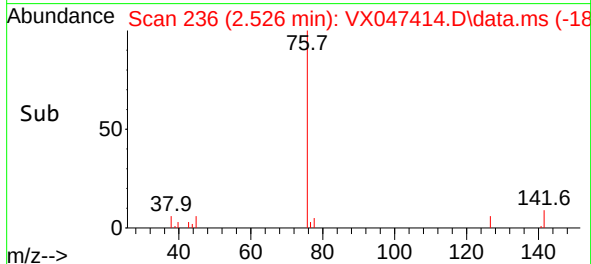
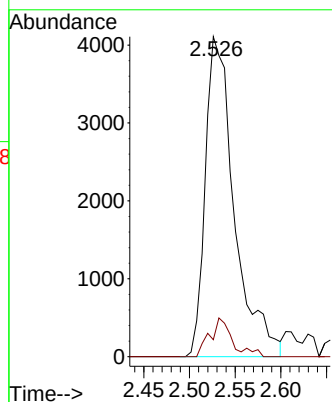
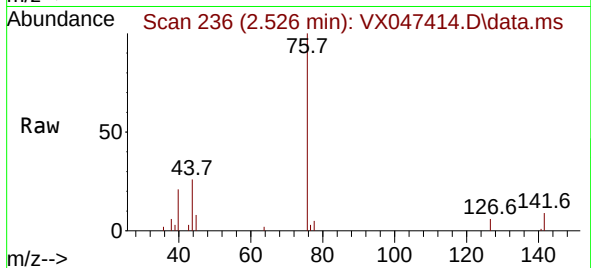




#17
Carbon Disulfide
Concen: 1.101 ug/l
RT: 2.526 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX047414.D
Acq: 19 Aug 2025 15:53

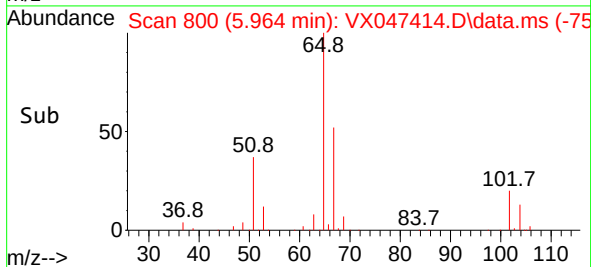
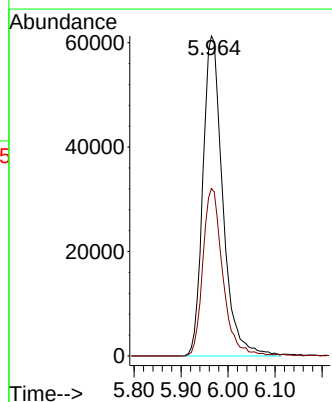
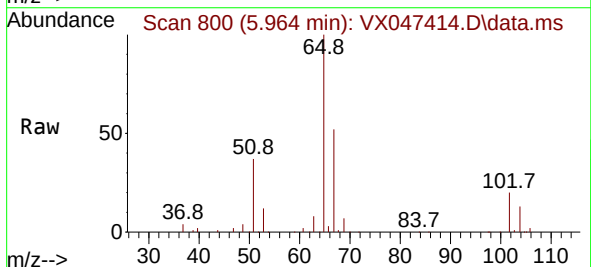
Instrument :
MSVOA_X
ClientSampleId :
TW-11M-S

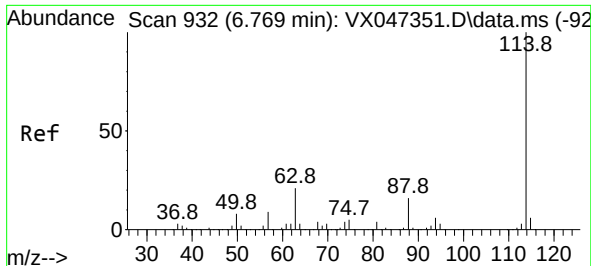
Tgt Ion: 76 Resp: 9060
Ion Ratio Lower Upper
76 100
78 5.1 7.2 10.8#



#33
1,2-Dichloroethane-d4
Concen: 59.325 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX047414.D
Acq: 19 Aug 2025 15:53

Tgt Ion: 65 Resp: 179898
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.0

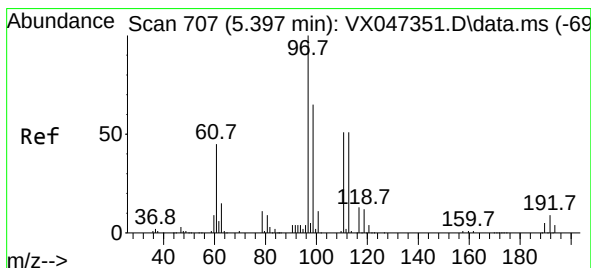
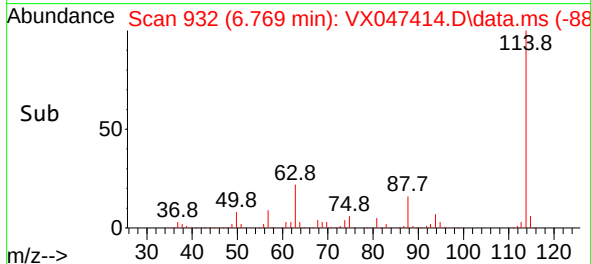
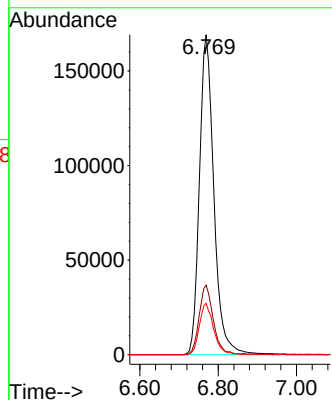
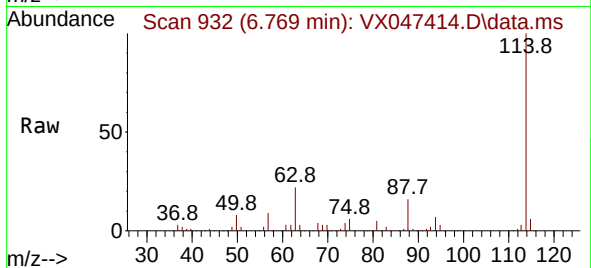




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX047414.D
Acq: 19 Aug 2025 15:53

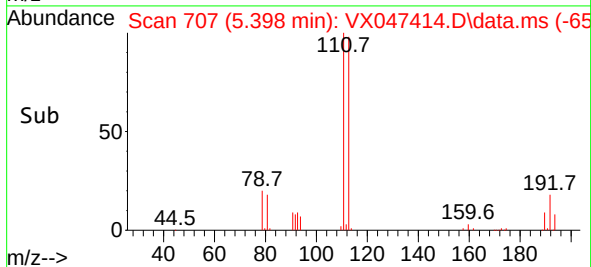
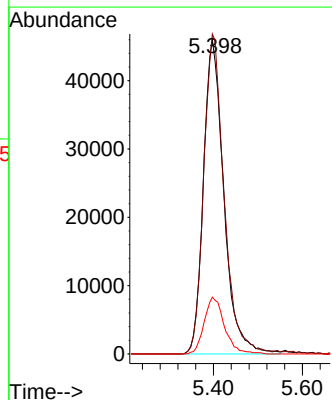
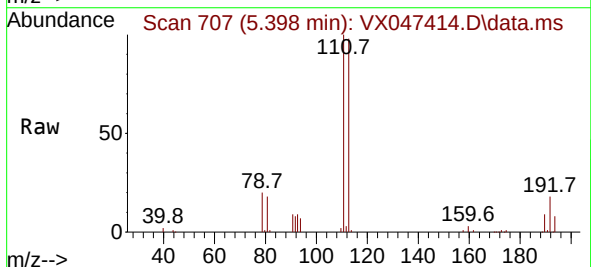
Instrument :
MSVOA_X
ClientSampleId :
TW-11M-S

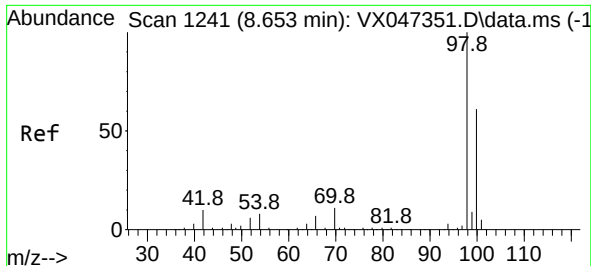
Tgt Ion:114 Resp: 434559
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.4
88 16.0 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.142 ug/l
RT: 5.398 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX047414.D
Acq: 19 Aug 2025 15:53

Tgt Ion:113 Resp: 147057
Ion Ratio Lower Upper
113 100
111 101.2 81.4 122.2
192 18.0 14.1 21.1

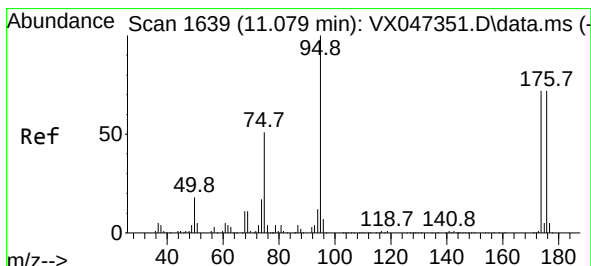
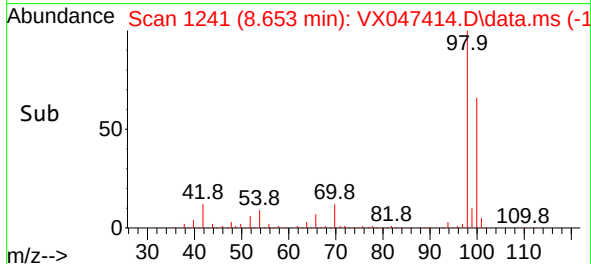
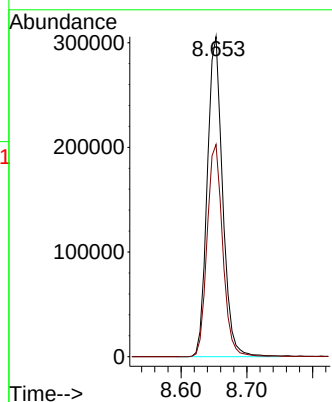
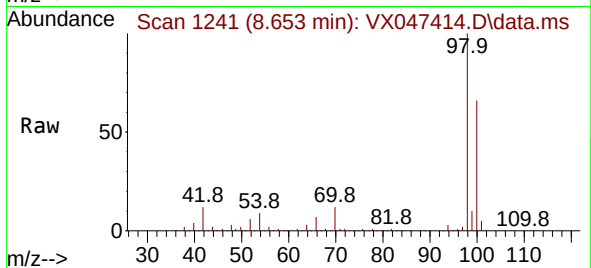




#50
Toluene-d8
Concen: 49.216 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX047414.D
Acq: 19 Aug 2025 15:53

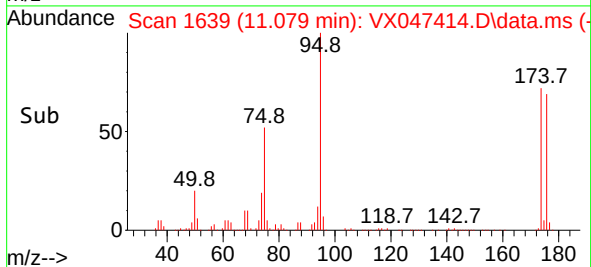
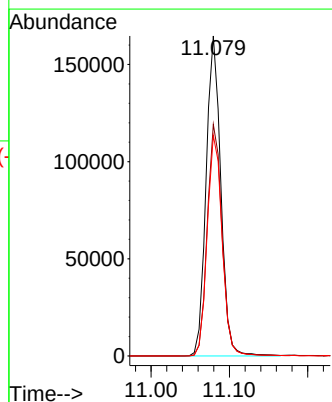
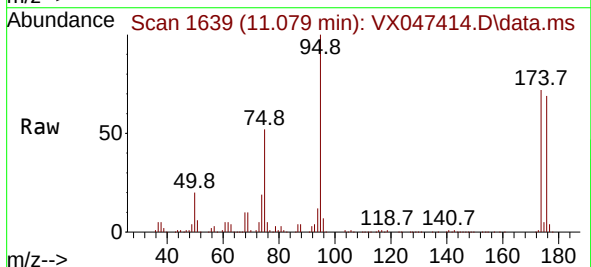
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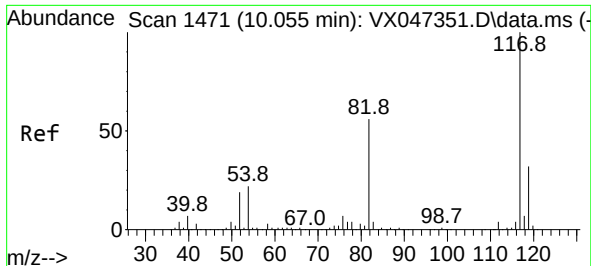
Tgt Ion: 98 Resp: 496123
Ion Ratio Lower Upper
98 100
100 67.4 53.9 80.9



#62
4-Bromofluorobenzene
Concen: 57.464 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047414.D
Acq: 19 Aug 2025 15:53

Tgt Ion: 95 Resp: 213764
Ion Ratio Lower Upper
95 100
174 73.1 0.0 148.0
176 70.3 0.0 145.4

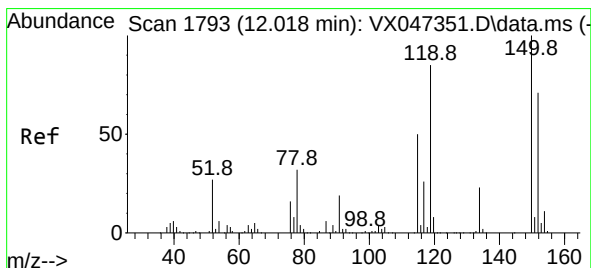
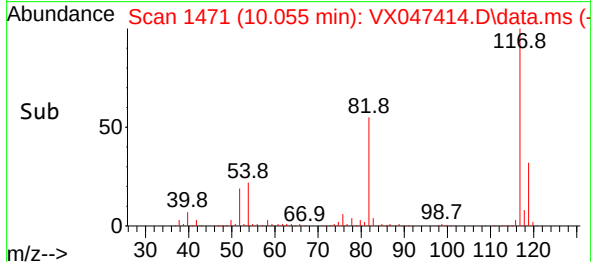
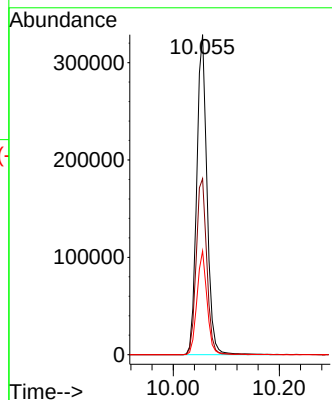
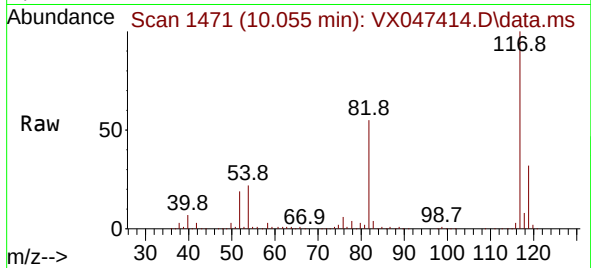




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047414.D
Acq: 19 Aug 2025 15:53

Instrument :
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Tgt Ion:117 Resp: 441424
Ion Ratio Lower Upper
117 100
82 55.0 45.0 67.4
119 32.4 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: VX047414.D
Acq: 19 Aug 2025 15:53

Tgt Ion:152 Resp: 234204
Ion Ratio Lower Upper
152 100
115 62.5 44.6 133.8
150 158.8 0.0 349.8

