

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081425\
 Data File : VX047339.D
 Acq On : 14 Aug 2025 12:47
 Operator : JC/MD
 Sample : Q2814-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB

Quant Time: Aug 18 01:28:02 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

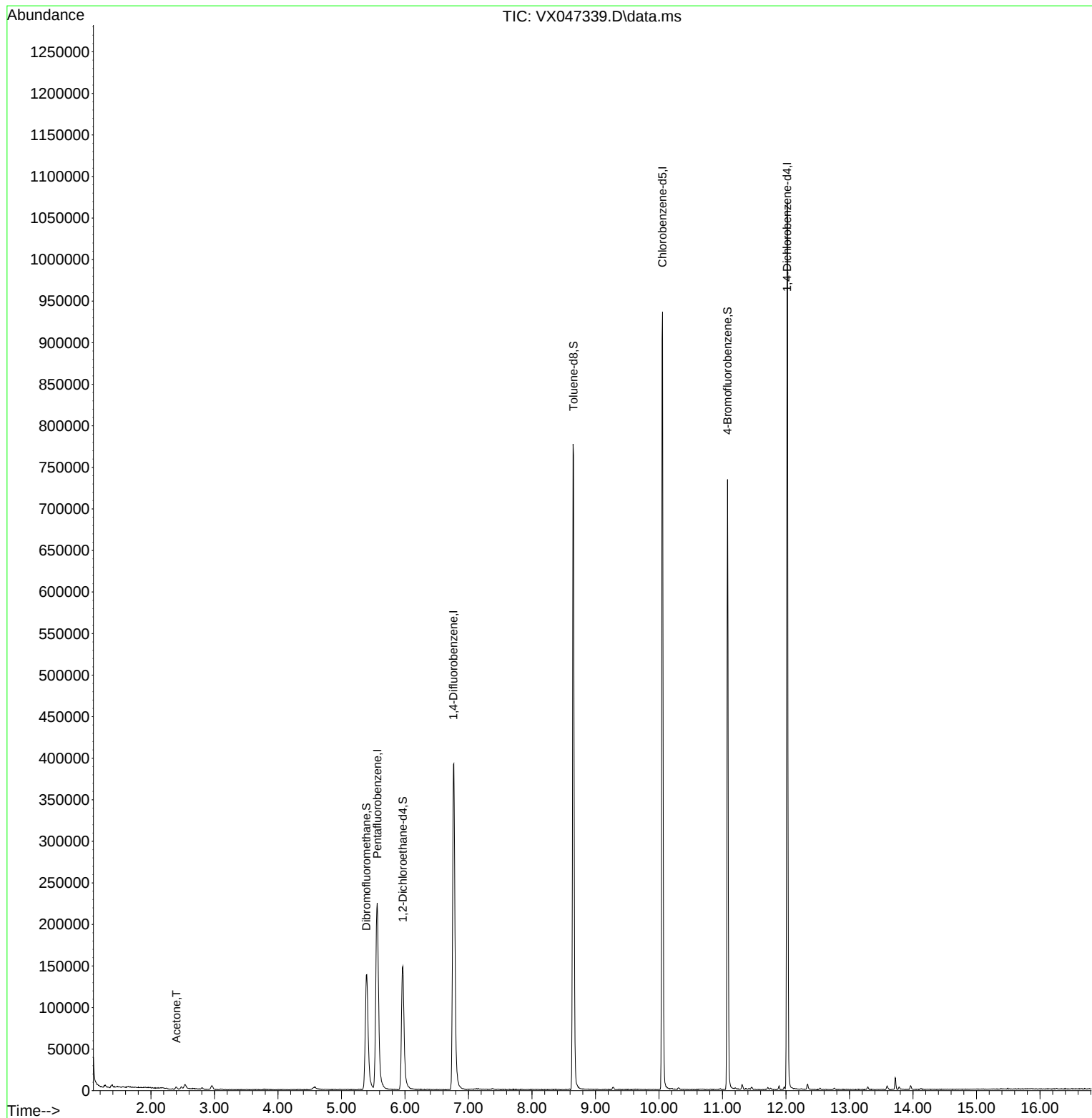
Internal Standards						
1) Pentafluorobenzene	5.562	168	228684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	436084	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	425164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	212249	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	162693	57.112	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 114.220%		
35) Dibromofluoromethane	5.391	113	135473	50.314	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.620%		
50) Toluene-d8	8.653	98	479102	54.945	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 109.880%		
62) 4-Bromofluorobenzene	11.079	95	194775	51.834	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 103.660%		
Target Compounds						
16) Acetone	2.398	43	4133	3.622	ug/l	Qvalue 95

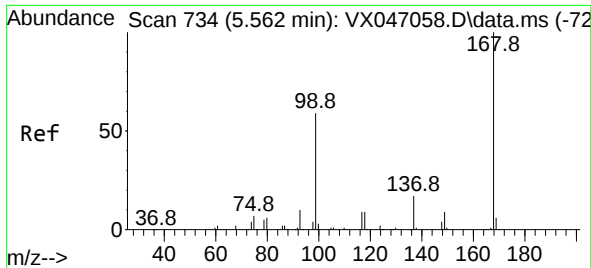
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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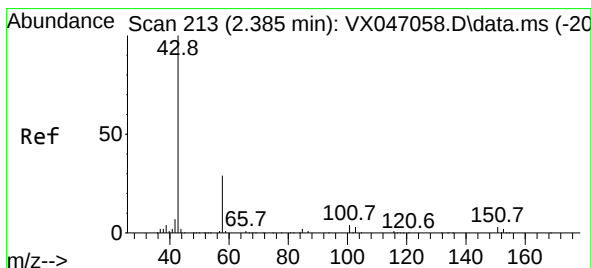
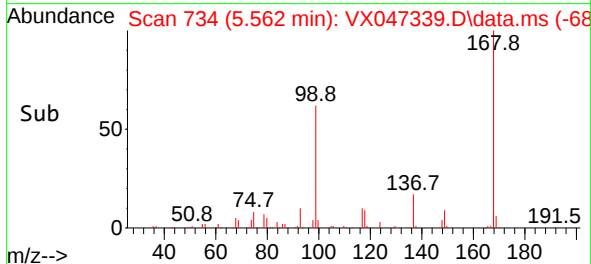
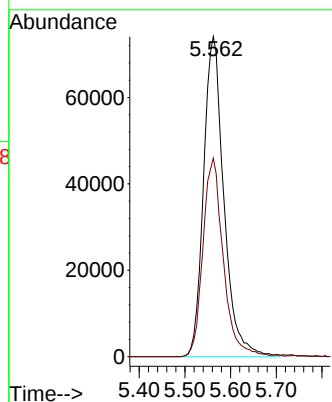
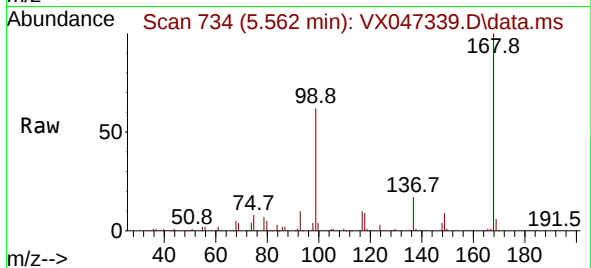




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX047339.D
Acq: 14 Aug 2025 12:47

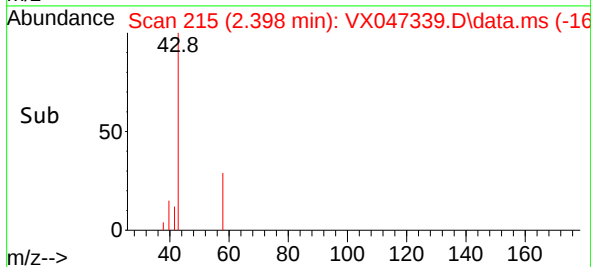
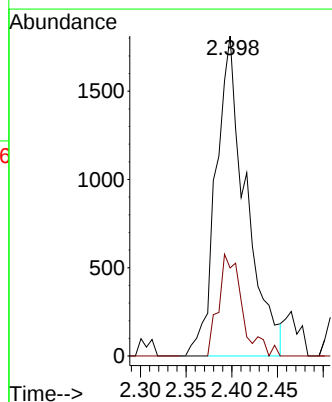
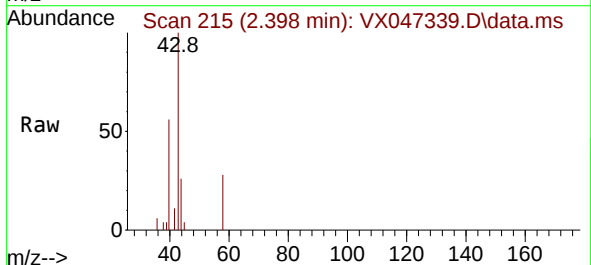
Instrument :
MSVOA_X
ClientSampleId :
TB

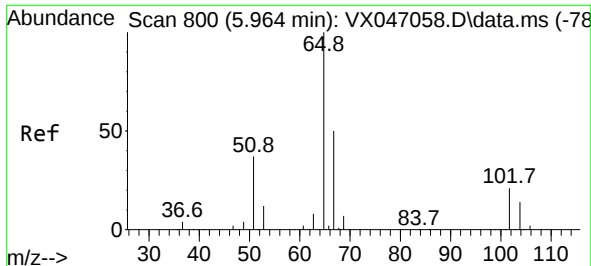
Tgt Ion:168 Resp: 228684
Ion Ratio Lower Upper
168 100
99 62.1 48.0 72.0



#16
Acetone
Concen: 3.622 ug/l
RT: 2.398 min Scan# 215
Delta R.T. 0.013 min
Lab File: VX047339.D
Acq: 14 Aug 2025 12:47

Tgt Ion: 43 Resp: 4133
Ion Ratio Lower Upper
43 100
58 27.5 24.0 36.0

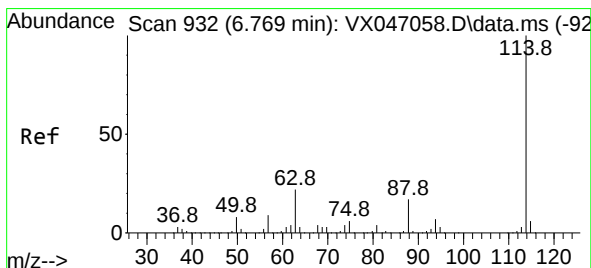
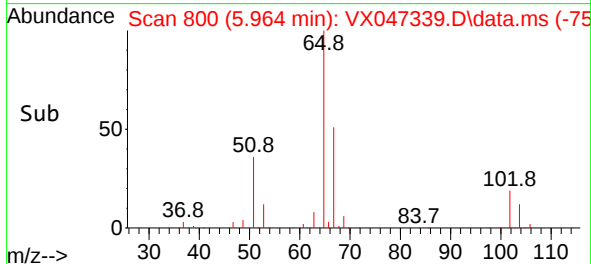
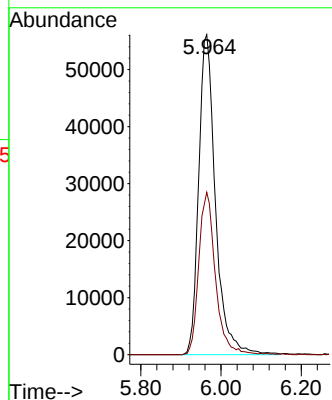
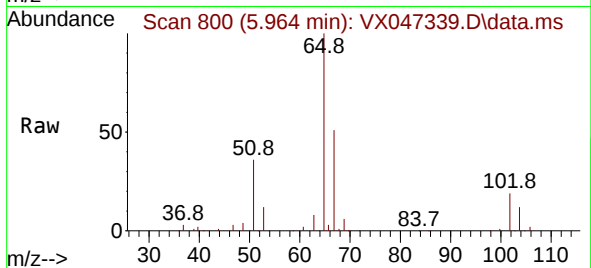




#33
 1,2-Dichloroethane-d4
 Concen: 57.112 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX047339.D
 Acq: 14 Aug 2025 12:47

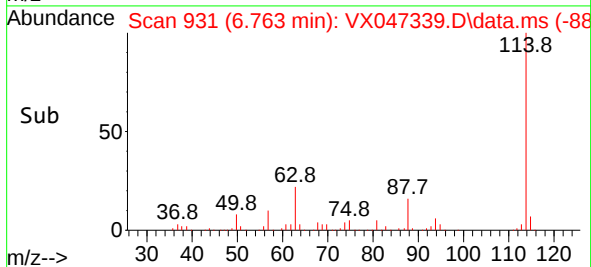
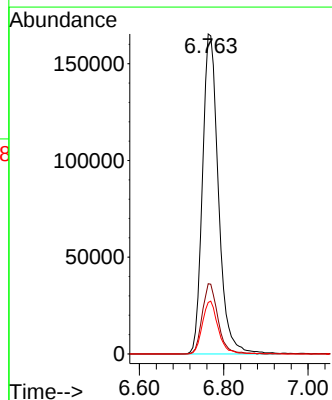
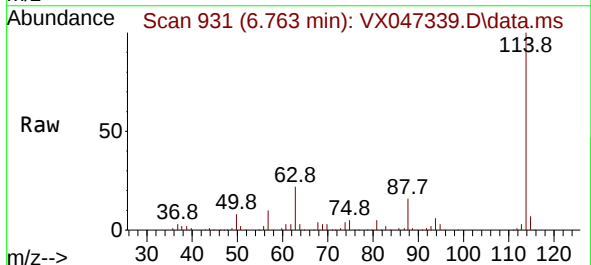
Instrument :
 MSVOA_X
 ClientSampleId :
 TB

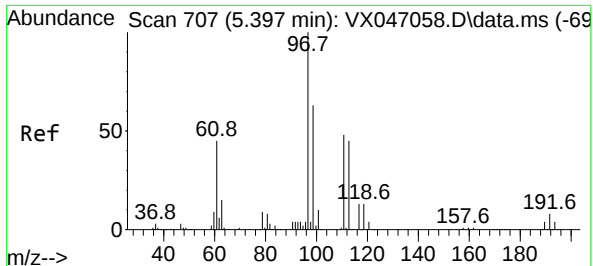
Tgt Ion: 65 Resp: 162693
 Ion Ratio Lower Upper
 65 100
 67 50.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX047339.D
 Acq: 14 Aug 2025 12:47

Tgt Ion: 114 Resp: 436084
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 43.2
 88 16.1 0.0 33.8

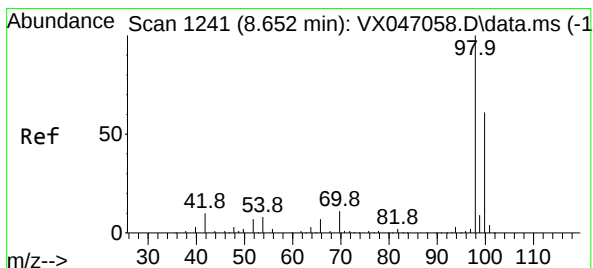
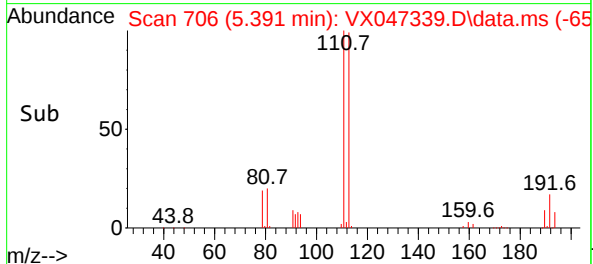
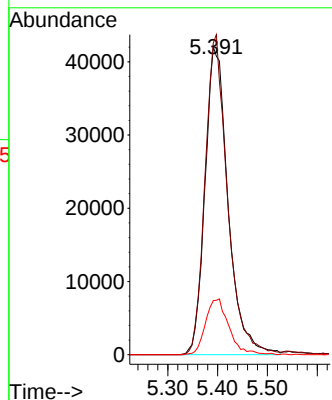
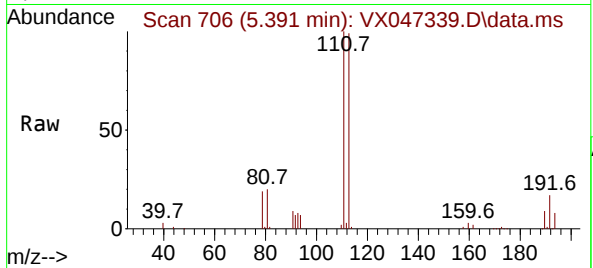




#35
Dibromofluoromethane
Concen: 50.314 ug/l
RT: 5.391 min Scan# 707
Delta R.T. -0.006 min
Lab File: VX047339.D
Acq: 14 Aug 2025 12:47

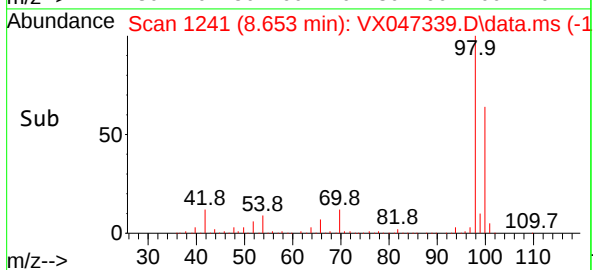
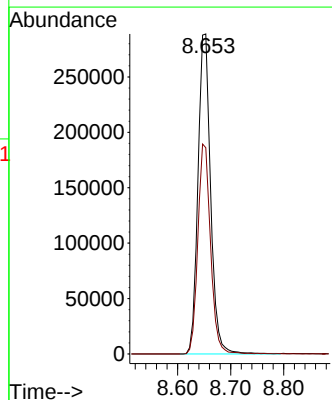
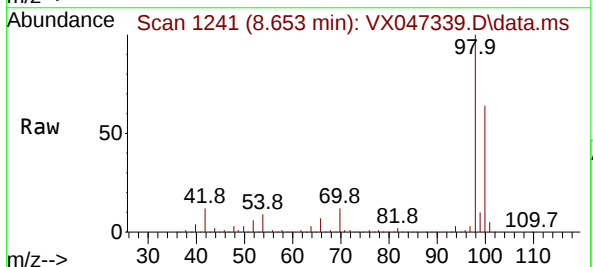
Instrument :
MSVOA_X
ClientSampleId :
TB

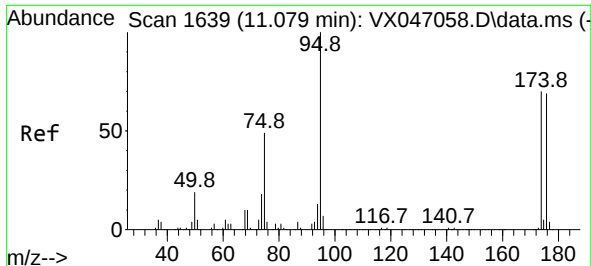
Tgt Ion:113 Resp: 135473
Ion Ratio Lower Upper
113 100
111 100.6 82.6 124.0
192 18.2 14.9 22.3



#50
Toluene-d8
Concen: 54.945 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX047339.D
Acq: 14 Aug 2025 12:47

Tgt Ion: 98 Resp: 479102
Ion Ratio Lower Upper
98 100
100 65.8 53.3 79.9

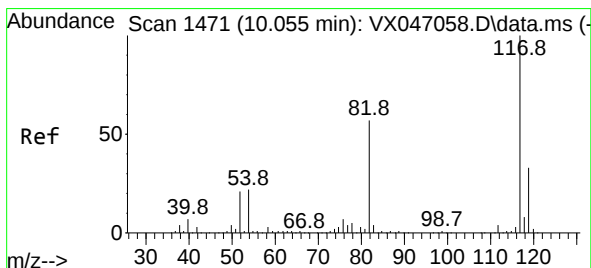
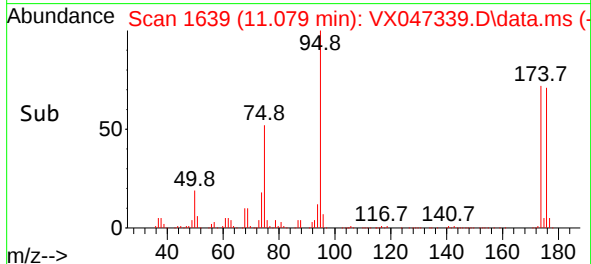
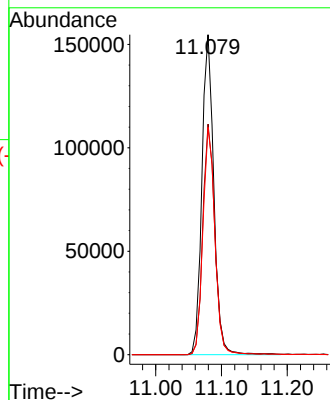
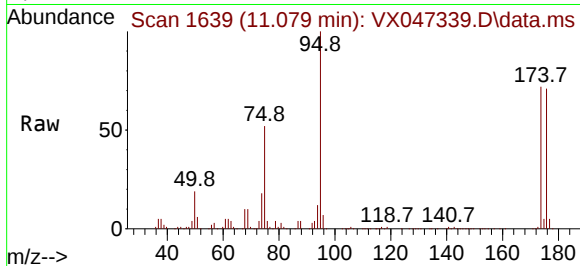




#62
4-Bromofluorobenzene
Concen: 51.834 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX047339.D
Acq: 14 Aug 2025 12:47

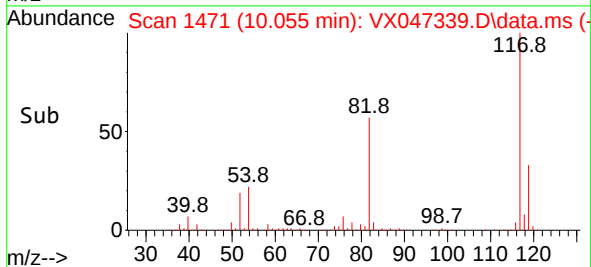
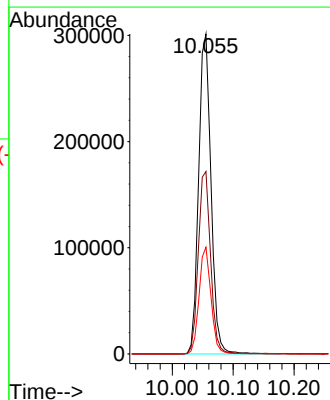
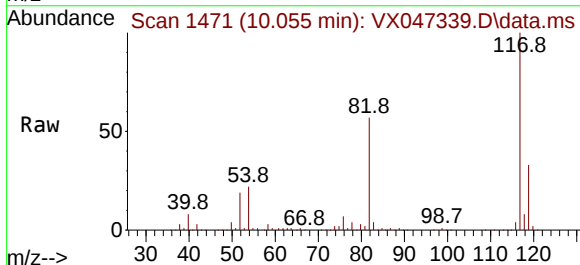
Instrument :
MSVOA_X
ClientSampleId :
TB

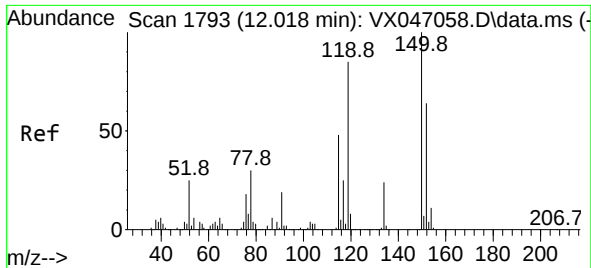
Tgt Ion: 95 Resp: 194775
Ion Ratio Lower Upper
95 100
174 73.1 0.0 144.6
176 71.7 0.0 139.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX047339.D
Acq: 14 Aug 2025 12:47

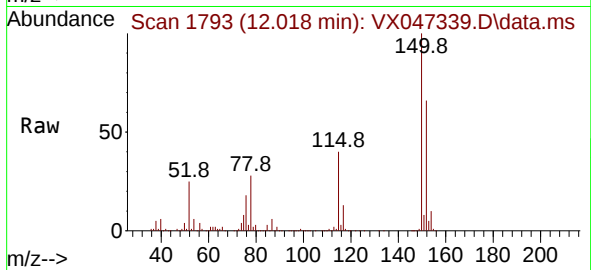
Tgt Ion: 117 Resp: 425164
Ion Ratio Lower Upper
117 100
82 57.0 45.4 68.2
119 33.4 26.1 39.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX047339.D
 Acq: 14 Aug 2025 12:47

Instrument :
 MSVOA_X
 ClientSampleId :
 TB



Tgt Ion:152 Resp: 212249
 Ion Ratio Lower Upper
 152 100
 115 60.5 45.6 136.7
 150 154.7 0.0 354.6

