

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052125\
 Data File : VX046290.D
 Acq On : 21 May 2025 12:23
 Operator : JC/MD
 Sample : Q2068-03 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LAW-25-0074

Quant Time: May 21 12:54:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

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

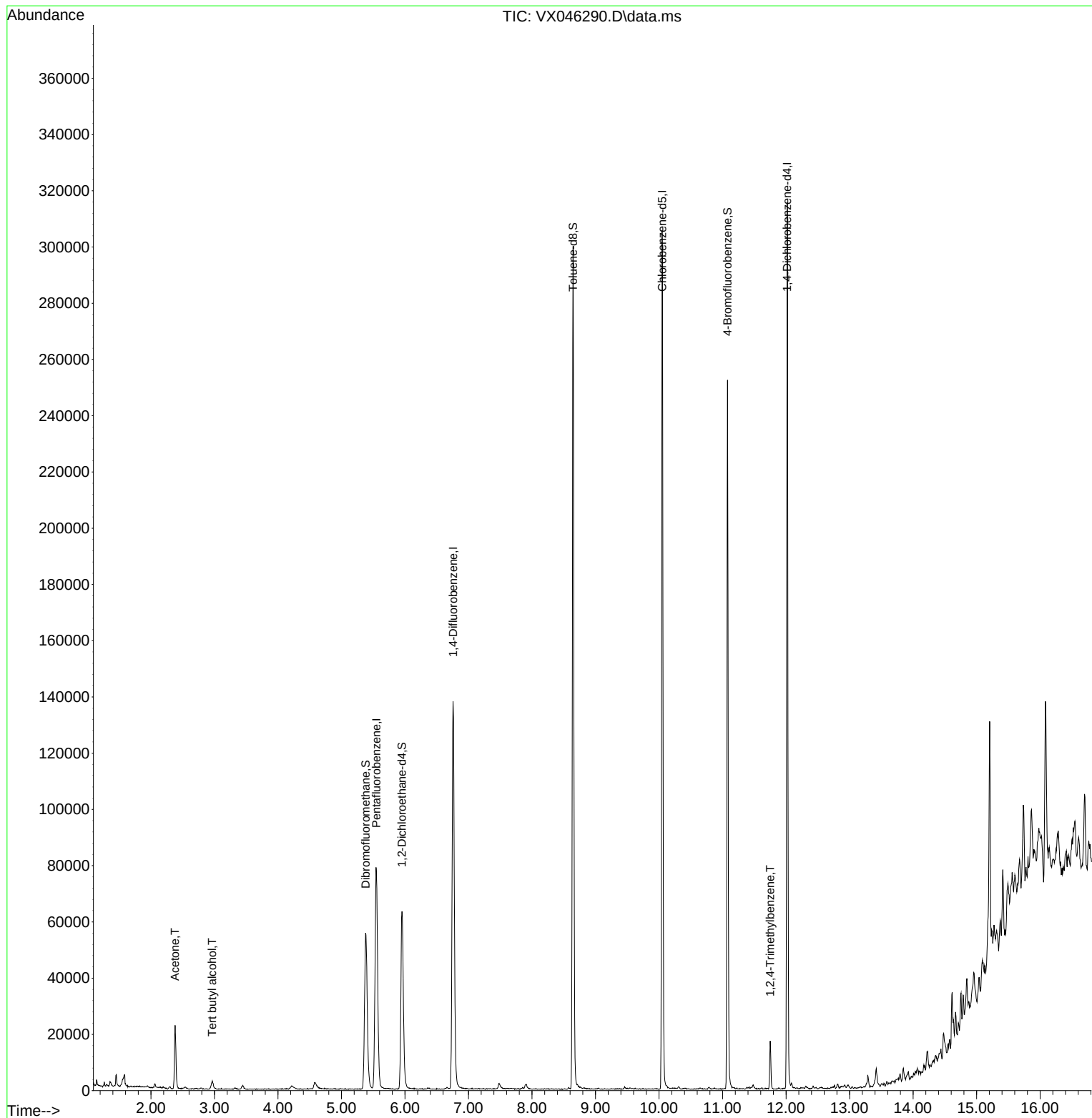
Internal Standards						
1) Pentafluorobenzene	5.550	168	67503	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	132356	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	127207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	57215	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	65750	52.246	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.500%	
35) Dibromofluoromethane	5.379	113	48458	50.842	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.680%	
50) Toluene-d8	8.647	98	167279	50.709	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.420%	
62) 4-Bromofluorobenzene	11.079	95	66397	52.472	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	2963	16.773	ug/l	99
16) Acetone	2.379	43	24838	49.224	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	7558	2.006	ug/l	99

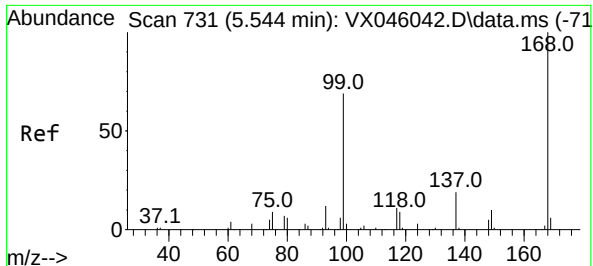
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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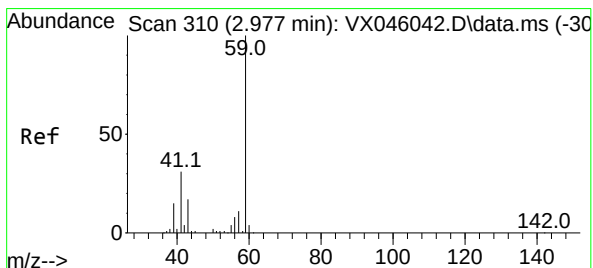
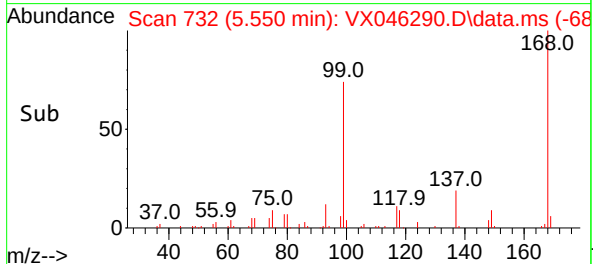
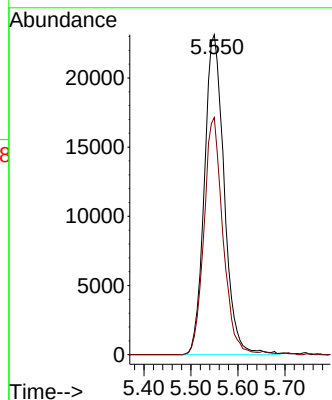
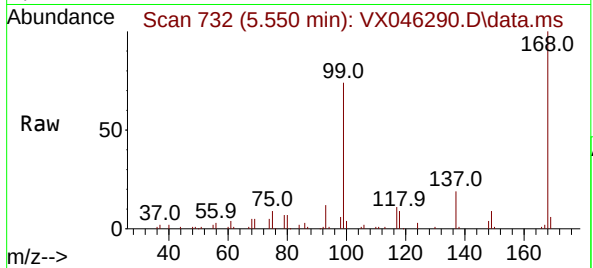




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046290.D
Acq: 21 May 2025 12:23

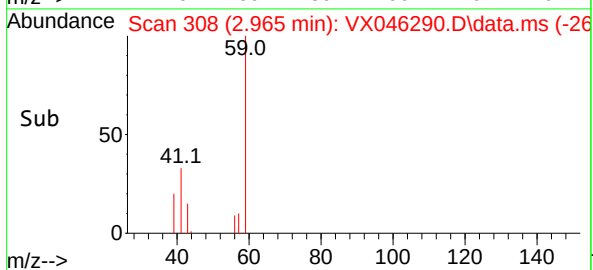
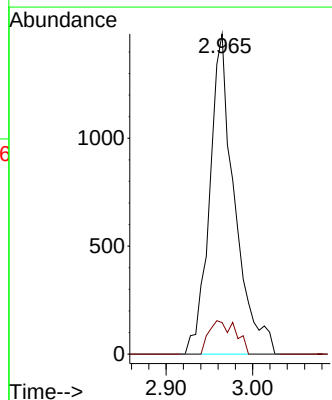
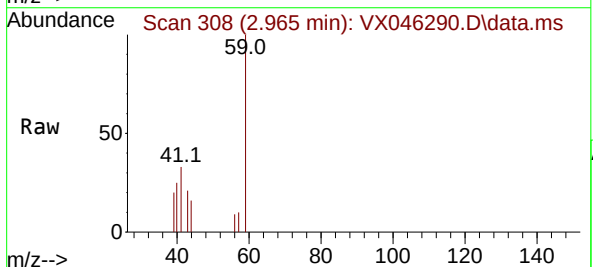
Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0074

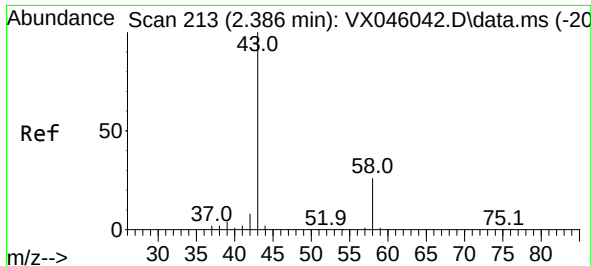
Tgt Ion:168 Resp: 67503
Ion Ratio Lower Upper
168 100
99 74.1 54.9 82.3



#11
Tert butyl alcohol
Concen: 16.773 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX046290.D
Acq: 21 May 2025 12:23

Tgt Ion: 59 Resp: 2963
Ion Ratio Lower Upper
59 100
57 11.2 8.6 12.8

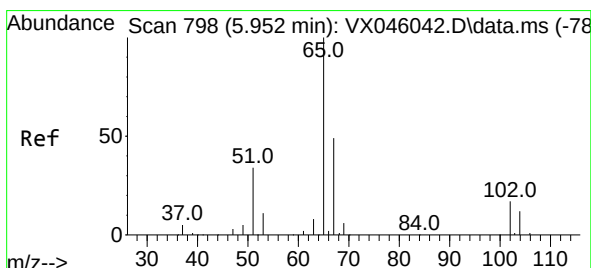
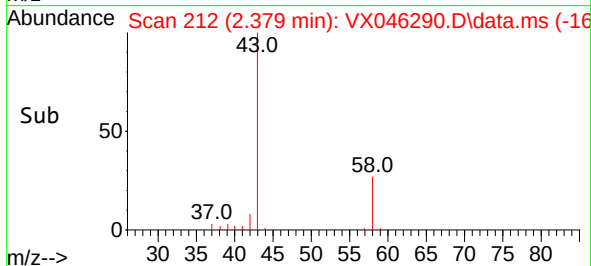
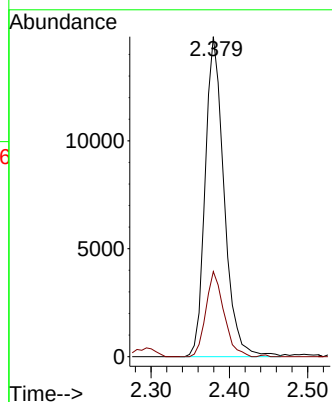
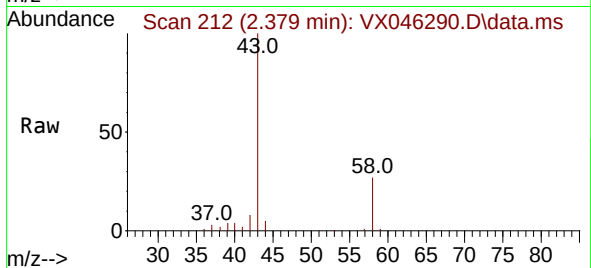




#16
Acetone
Concen: 49.224 ug/l
RT: 2.379 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046290.D
Acq: 21 May 2025 12:23

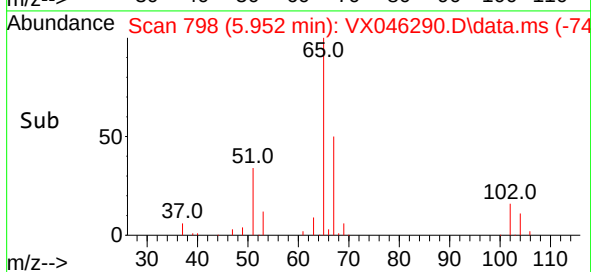
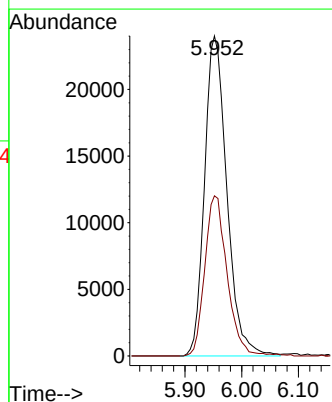
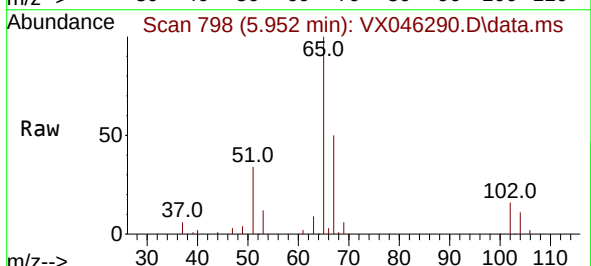
Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0074

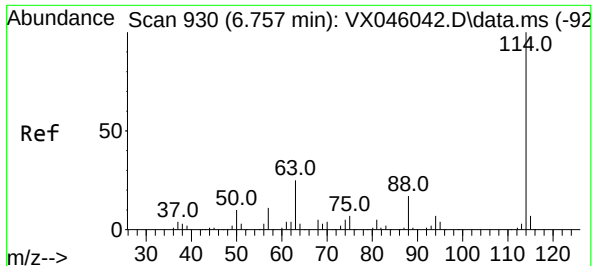
Tgt Ion: 43 Resp: 24838
Ion Ratio Lower Upper
43 100
58 26.6 21.2 31.8



#33
1,2-Dichloroethane-d4
Concen: 52.246 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046290.D
Acq: 21 May 2025 12:23

Tgt Ion: 65 Resp: 65750
Ion Ratio Lower Upper
65 100
67 50.2 0.0 99.0

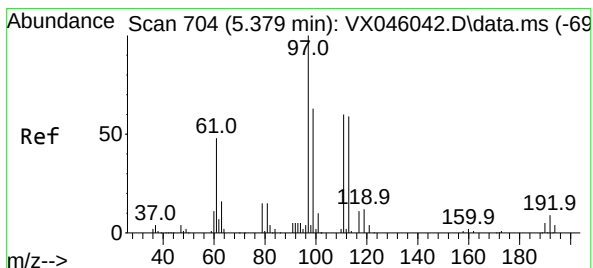
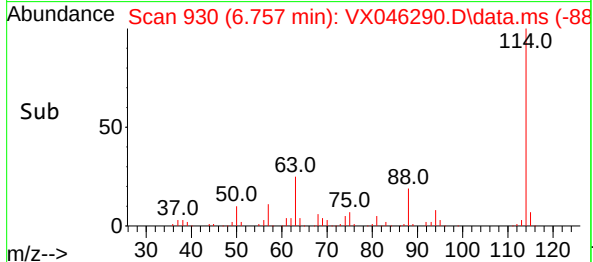
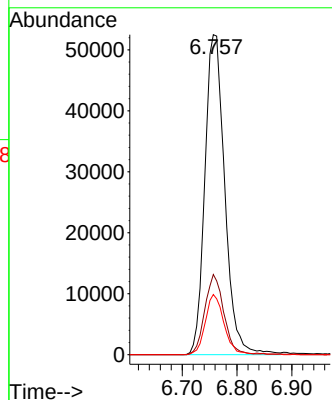
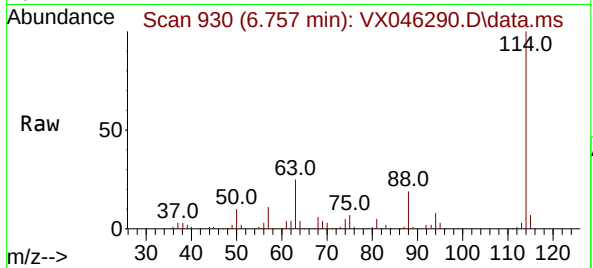




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046290.D
Acq: 21 May 2025 12:23

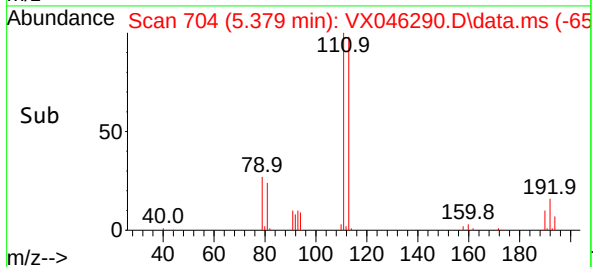
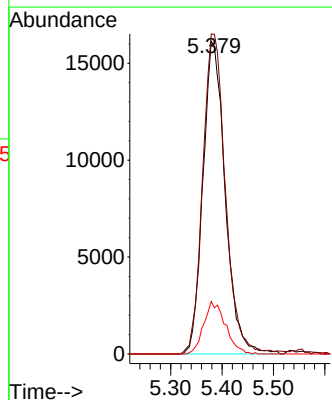
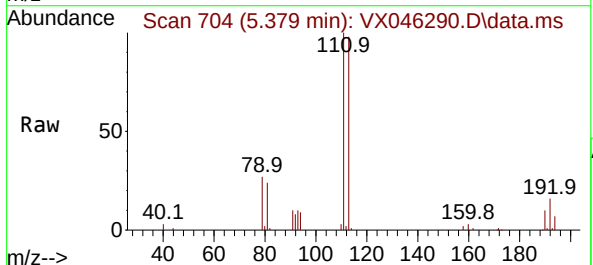
Instrument :
MSVOA_X
ClientSampleId :
LAW-25-0074

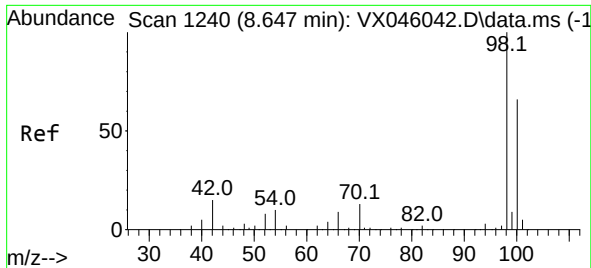
Tgt Ion:114 Resp: 132356
Ion Ratio Lower Upper
114 100
63 25.1 0.0 49.2
88 18.8 0.0 33.6



#35
Dibromofluoromethane
Concen: 50.842 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046290.D
Acq: 21 May 2025 12:23

Tgt Ion:113 Resp: 48458
Ion Ratio Lower Upper
113 100
111 104.7 83.1 124.7
192 16.5 13.3 19.9

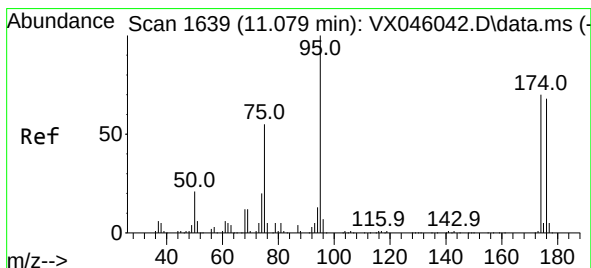
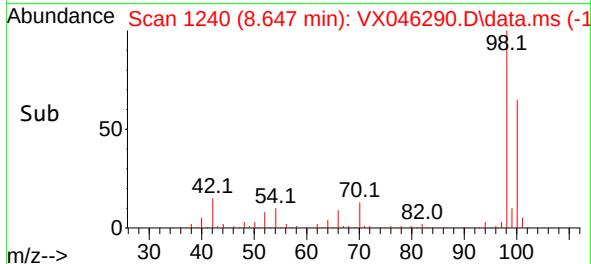
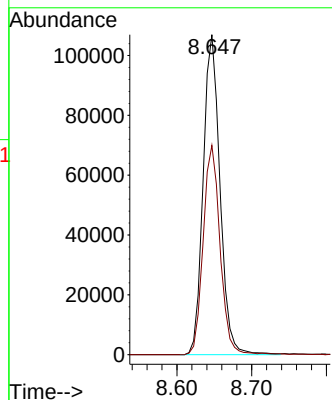
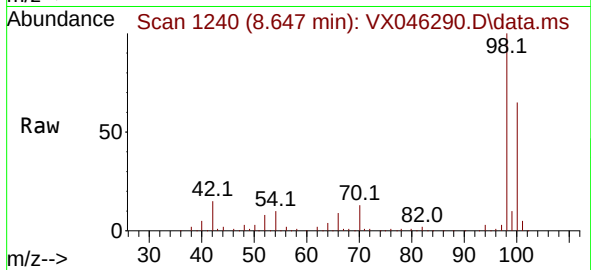




#50
Toluene-d8
Concen: 50.709 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046290.D
Acq: 21 May 2025 12:23

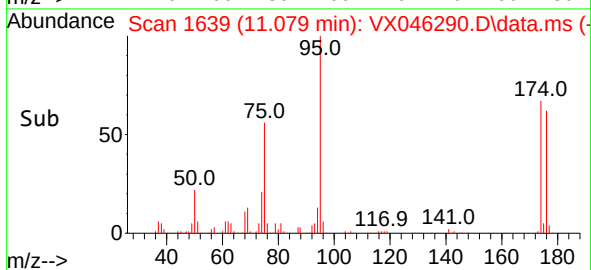
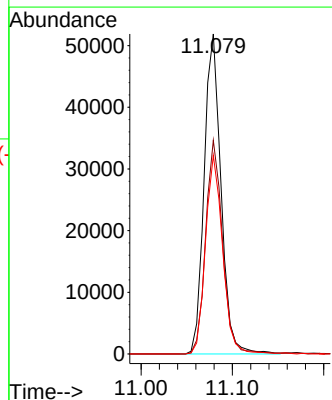
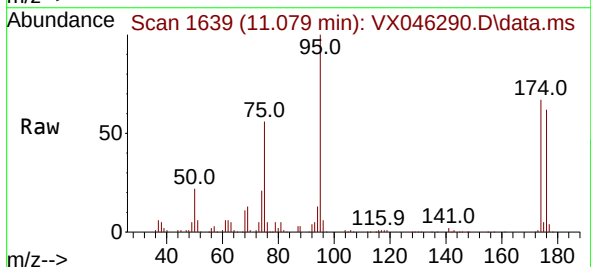
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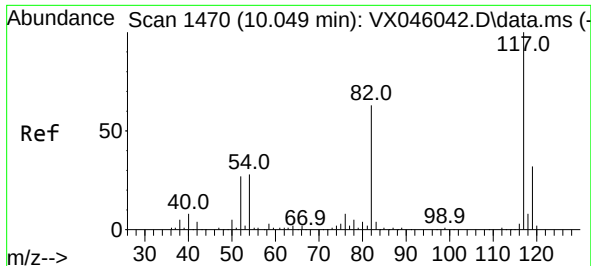
Tgt Ion: 98 Resp: 167279
Ion Ratio Lower Upper
98 100
100 65.7 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 52.472 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046290.D
Acq: 21 May 2025 12:23

Tgt Ion: 95 Resp: 66397
Ion Ratio Lower Upper
95 100
174 67.1 0.0 135.8
176 62.8 0.0 131.4

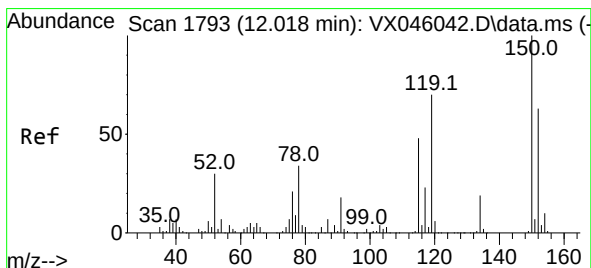
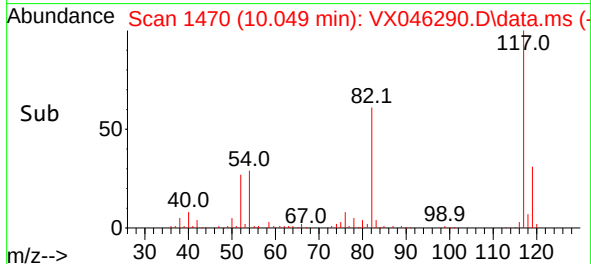
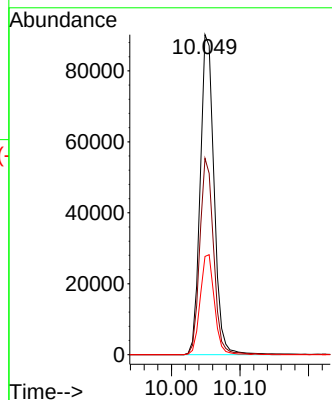
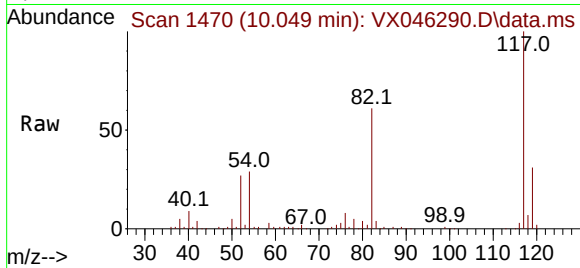




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046290.D
Acq: 21 May 2025 12:23

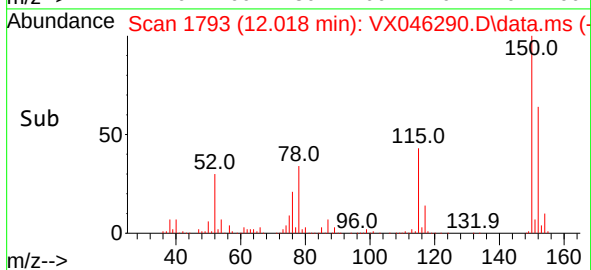
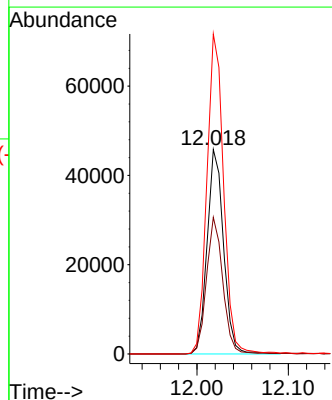
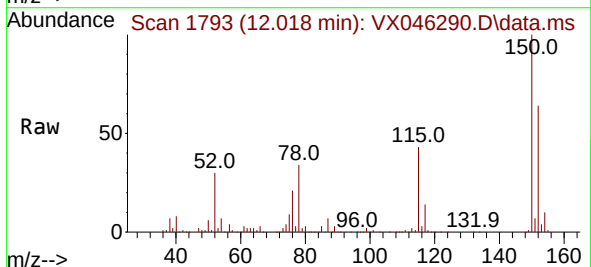
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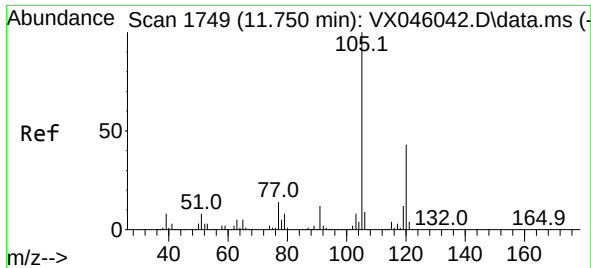
Tgt Ion:117 Resp: 127207
Ion Ratio Lower Upper
117 100
82 61.4 50.6 76.0
119 30.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046290.D
Acq: 21 May 2025 12:23

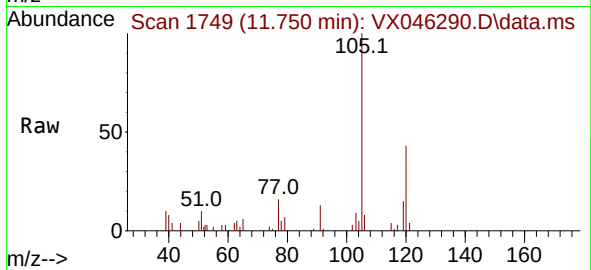
Tgt Ion:152 Resp: 57215
Ion Ratio Lower Upper
152 100
115 66.3 46.9 140.7
150 158.8 0.0 351.0





#84
 1,2,4-Trimethylbenzene
 Concen: 2.006 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX046290.D
 Acq: 21 May 2025 12:23

Instrument :
 MSVOA_X
 ClientSampleId :
 LAW-25-0074



Tgt Ion:105 Resp: 7558
 Ion Ratio Lower Upper
 105 100
 120 42.9 21.2 63.6

