

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046351.D
 Acq On : 23 May 2025 17:36
 Operator : JC/MD
 Sample : Q2114-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GAW1

Quant Time: May 23 23:05:38 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)

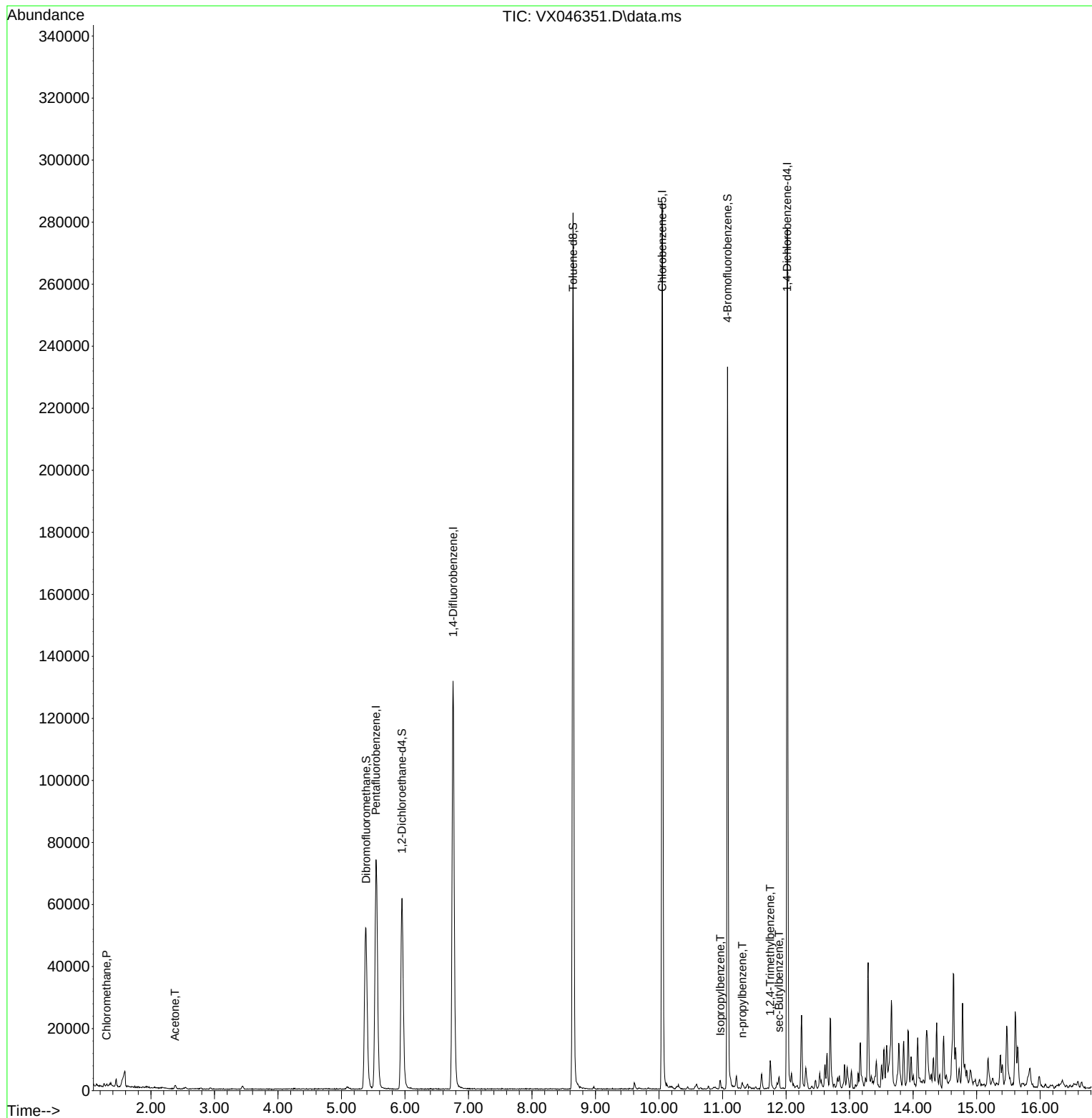
Internal Standards						
1) Pentafluorobenzene	5.544	168	62014	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	123132	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	51005	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	62990	54.483	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.960%	
35) Dibromofluoromethane	5.385	113	46311	52.230	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.460%	
50) Toluene-d8	8.647	98	156324	50.938	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.880%	
62) 4-Bromofluorobenzene	11.079	95	60431	51.335	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	642	0.697	ug/l	97
16) Acetone	2.380	43	1447	3.122	ug/l #	84
73) Isopropylbenzene	10.963	105	1672	0.421	ug/l	99
78) n-propylbenzene	11.311	91	1556	0.337	ug/l	91
84) 1,2,4-Trimethylbenzene	11.750	105	3941	1.173	ug/l	94
85) sec-Butylbenzene	11.890	105	2024	0.493	ug/l #	78

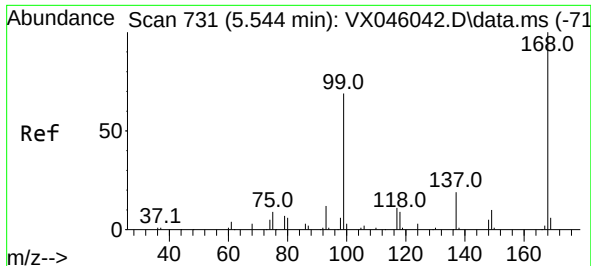
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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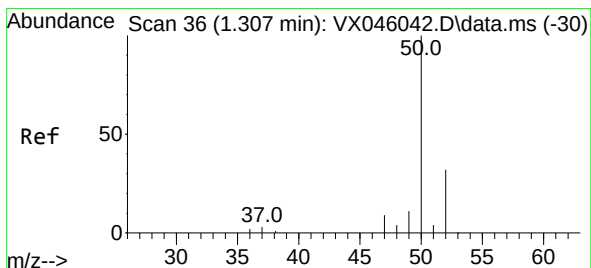
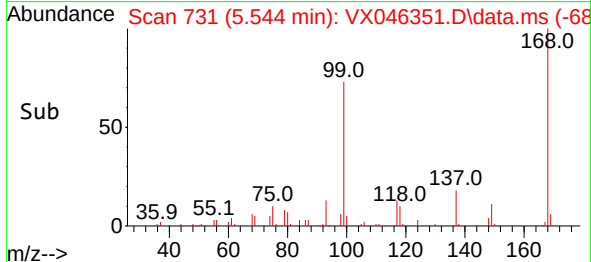
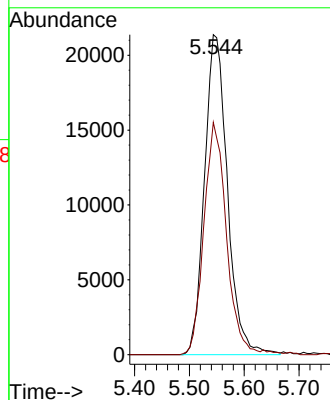
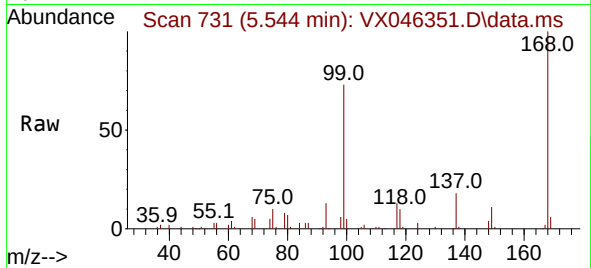




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

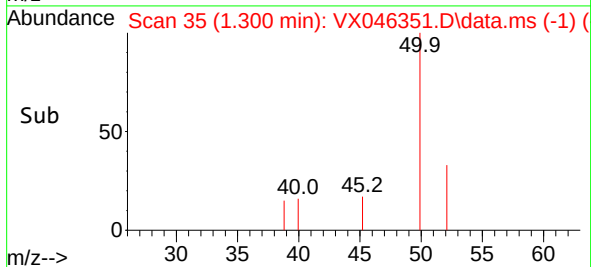
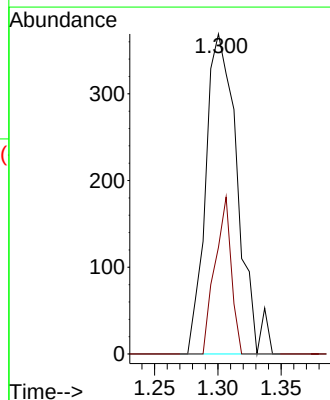
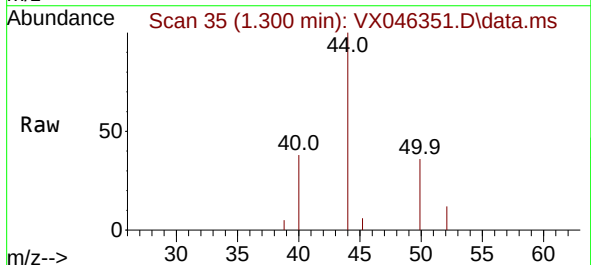
Instrument :
MSVOA_X
ClientSampleId :
GAW1

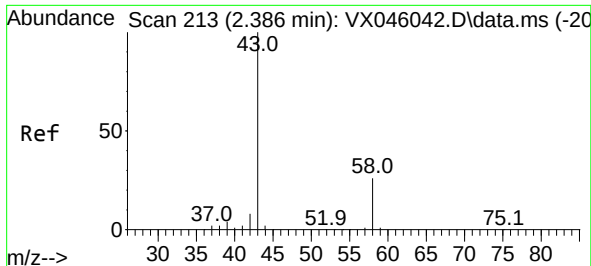
Tgt Ion:168 Resp: 62014
Ion Ratio Lower Upper
168 100
99 72.6 54.9 82.3



#3
Chloromethane
Concen: 0.697 ug/l
RT: 1.300 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

Tgt Ion: 50 Resp: 642
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.2

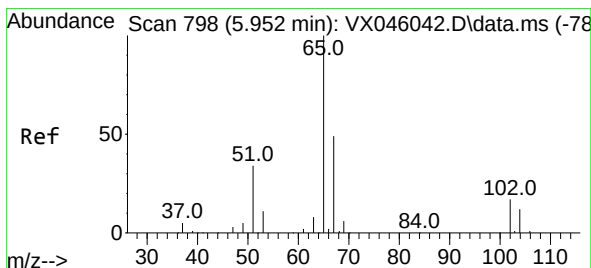
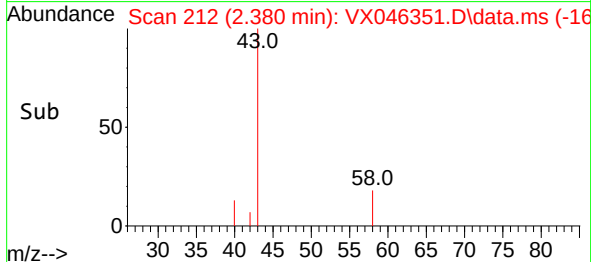
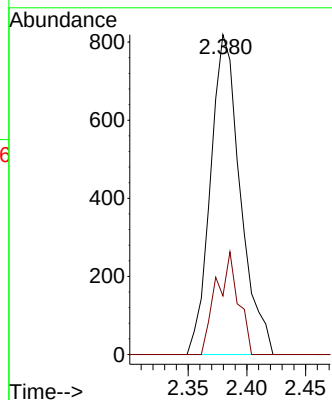
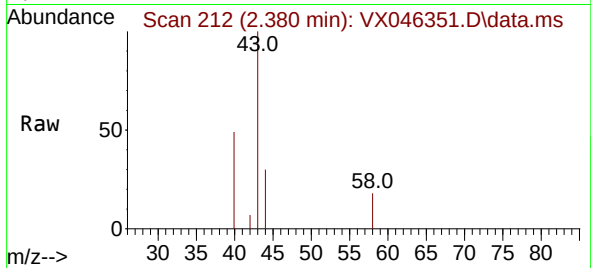




#16
Acetone
Concen: 3.122 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

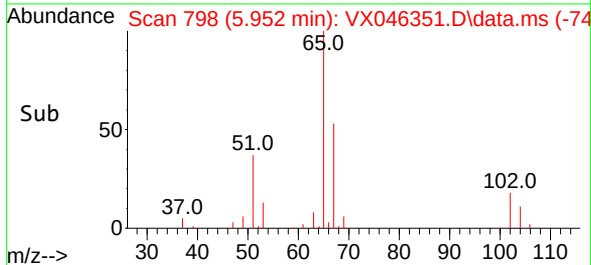
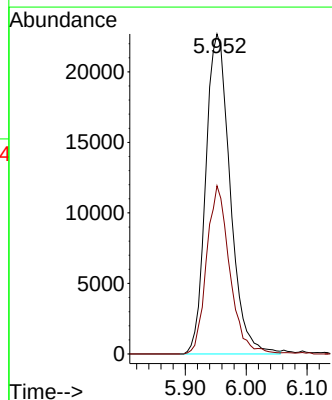
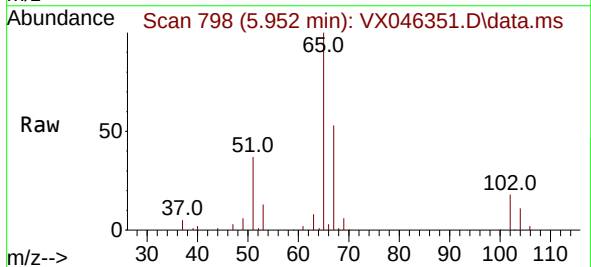
Instrument :
MSVOA_X
ClientSampleId :
GAW1

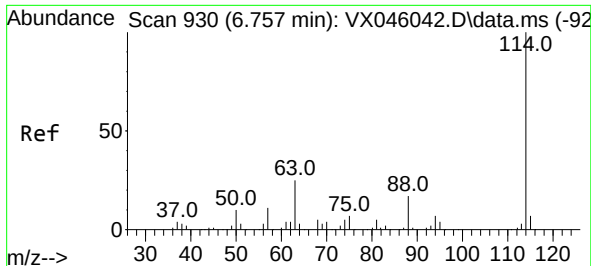
Tgt Ion: 43 Resp: 1447
Ion Ratio Lower Upper
43 100
58 18.3 21.2 31.8#



#33
1,2-Dichloroethane-d4
Concen: 54.483 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

Tgt Ion: 65 Resp: 62990
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.0

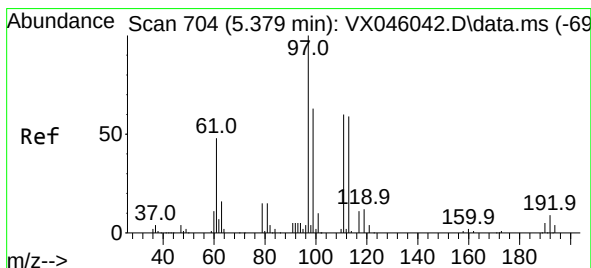
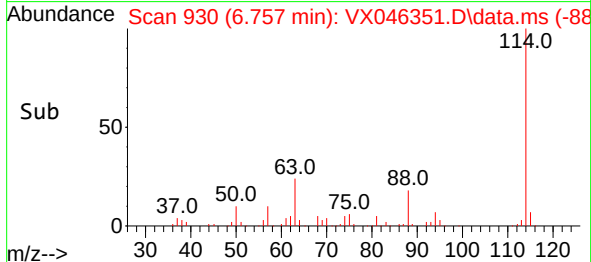
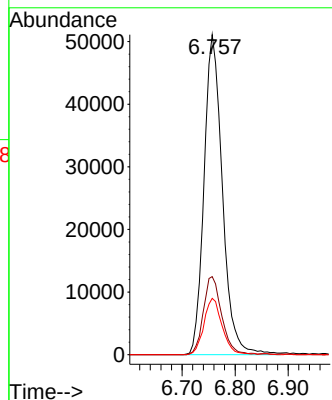
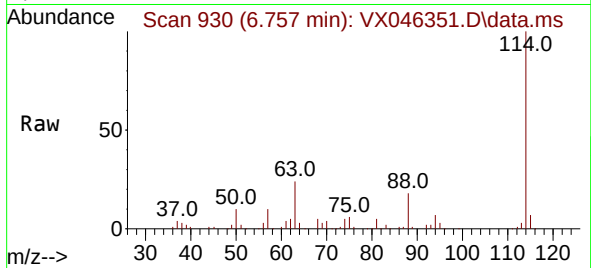




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

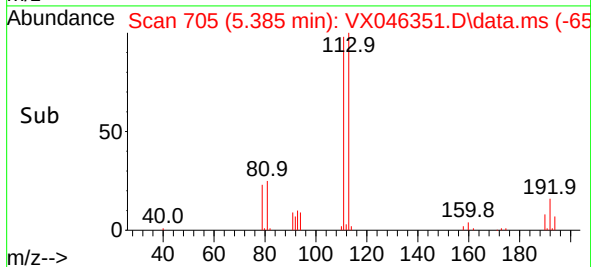
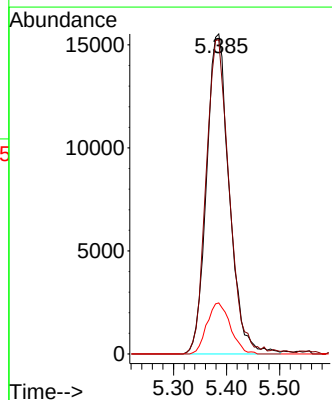
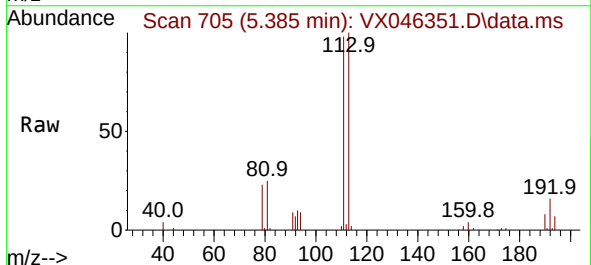
Instrument :
MSVOA_X
ClientSampleId :
GAW1

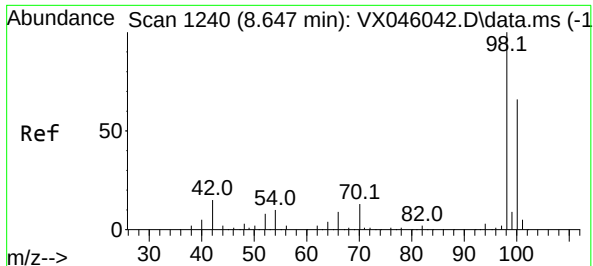
Tgt Ion:114 Resp: 123132
Ion Ratio Lower Upper
114 100
63 24.4 0.0 49.2
88 17.6 0.0 33.6



#35
Dibromofluoromethane
Concen: 52.230 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

Tgt Ion:113 Resp: 46311
Ion Ratio Lower Upper
113 100
111 99.9 83.1 124.7
192 16.4 13.3 19.9

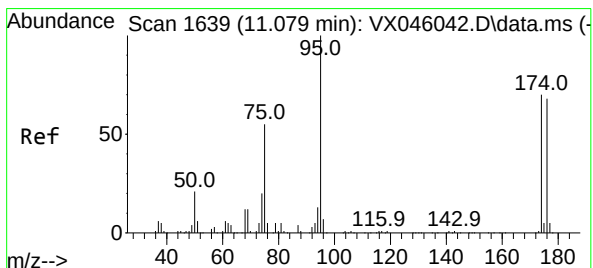
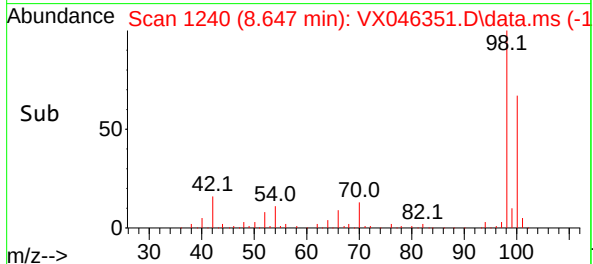
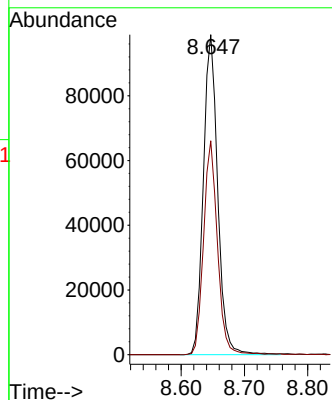
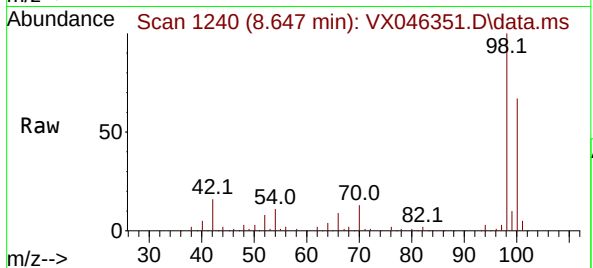




#50
Toluene-d8
Concen: 50.938 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

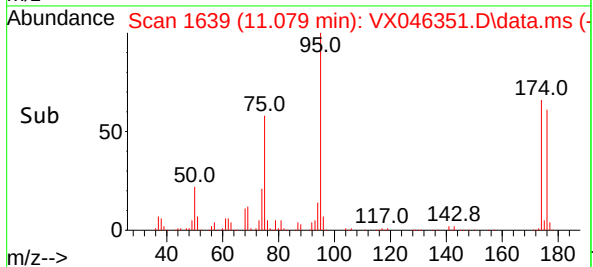
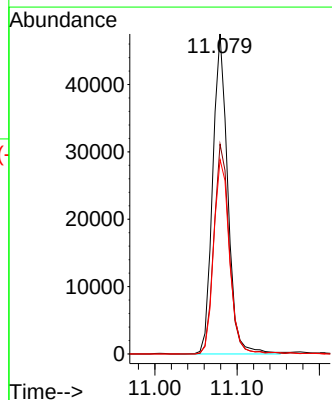
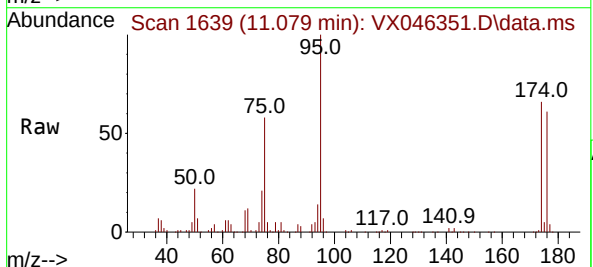
Instrument :
MSVOA_X
ClientSampleId :
GAW1

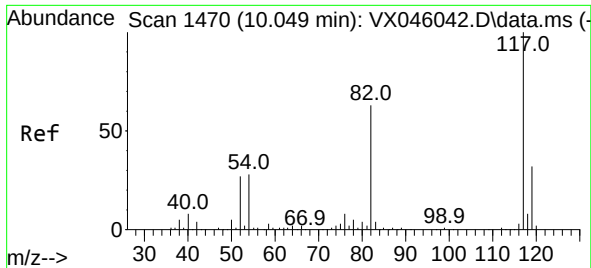
Tgt Ion: 98 Resp: 156324
Ion Ratio Lower Upper
98 100
100 64.5 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 51.335 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

Tgt Ion: 95 Resp: 60431
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.8
176 63.6 0.0 131.4

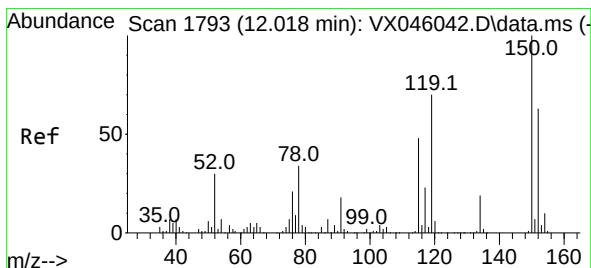
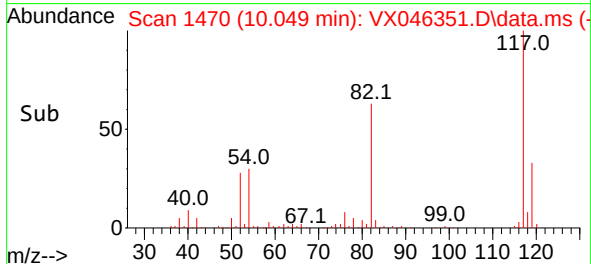
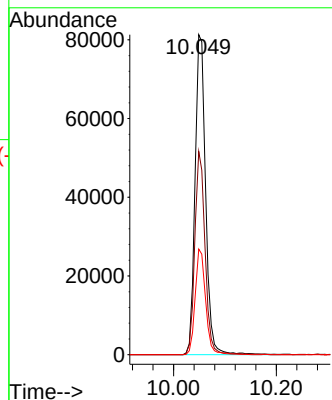
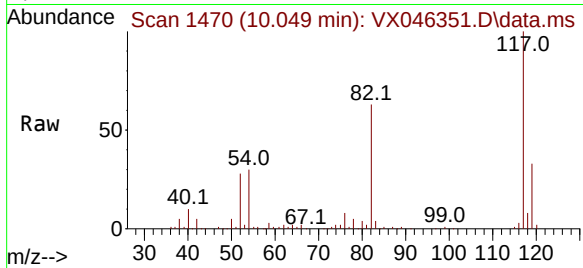




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

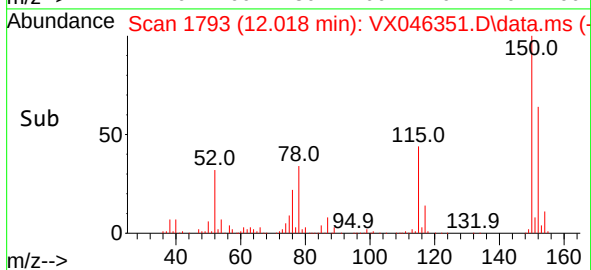
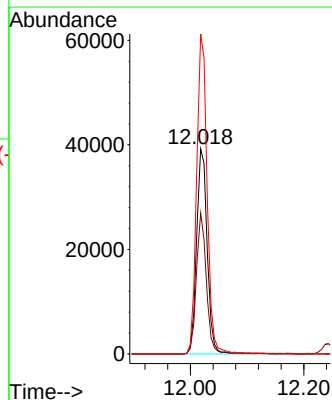
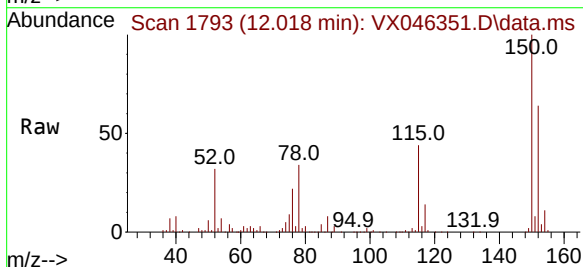
Instrument :
MSVOA_X
ClientSampleId :
GAW1

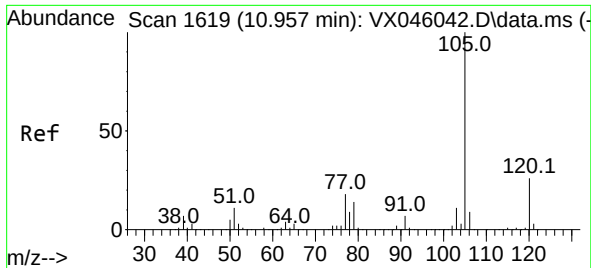
Tgt Ion:117 Resp: 116379
Ion Ratio Lower Upper
117 100
82 63.5 50.6 76.0
119 33.0 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

Tgt Ion:152 Resp: 51005
Ion Ratio Lower Upper
152 100
115 65.1 46.9 140.7
150 154.9 0.0 351.0

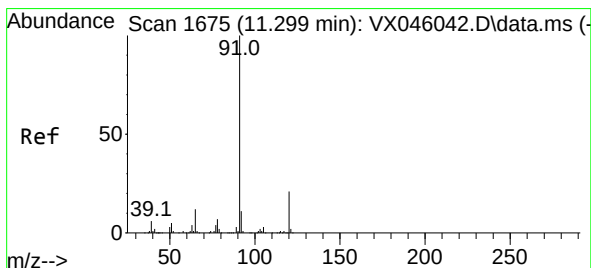
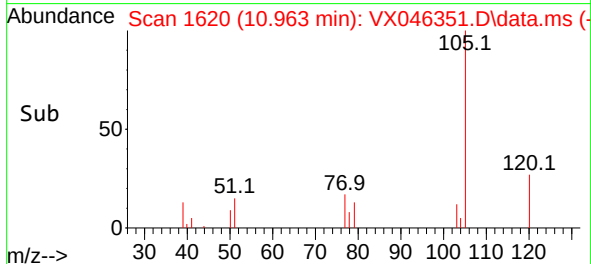
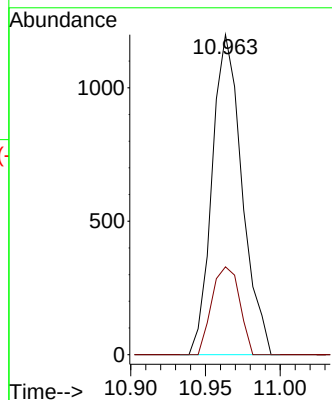
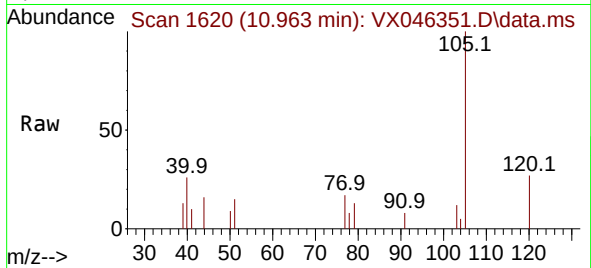




#73
Isopropylbenzene
Concen: 0.421 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

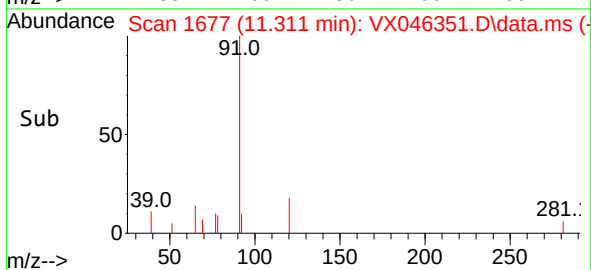
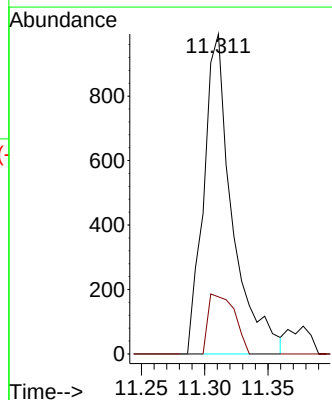
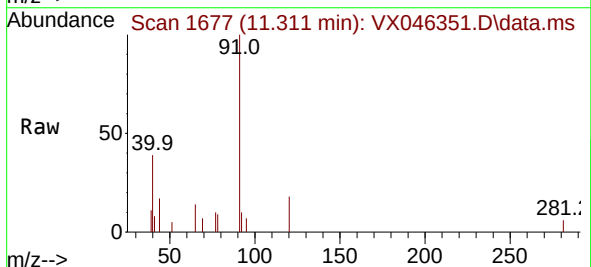
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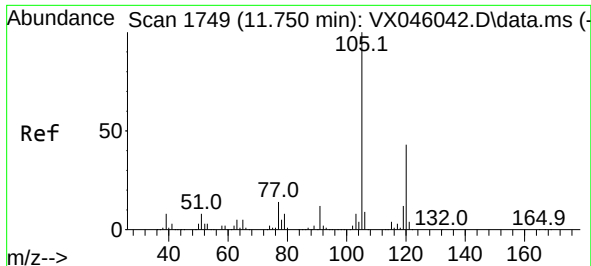
Tgt Ion:105 Resp: 1672
Ion Ratio Lower Upper
105 100
120 25.3 12.8 38.4



#78
n-propylbenzene
Concen: 0.337 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.012 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

Tgt Ion: 91 Resp: 1556
Ion Ratio Lower Upper
91 100
120 17.2 10.8 32.4

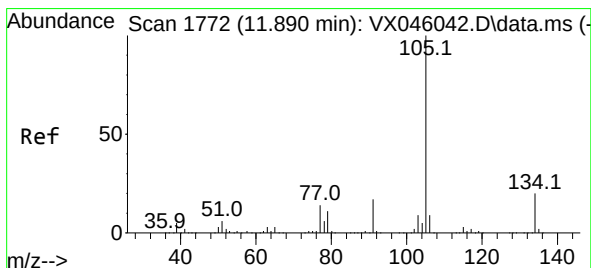
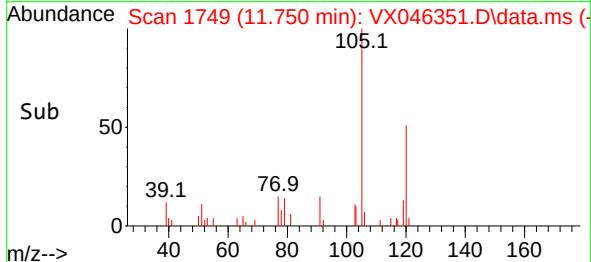
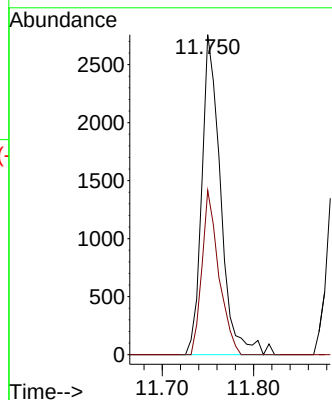
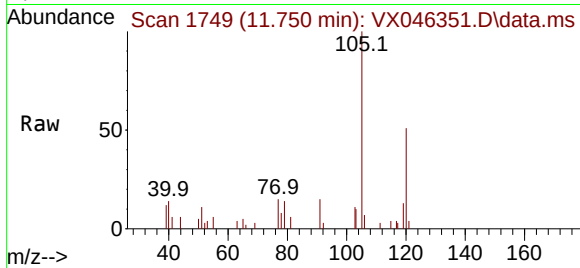




#84
1,2,4-Trimethylbenzene
Concen: 1.173 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

Instrument :
MSVOA_X
ClientSampleId :
GAW1

Tgt Ion:105 Resp: 3941
Ion Ratio Lower Upper
105 100
120 45.9 21.2 63.6



#85
sec-Butylbenzene
Concen: 0.493 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VX046351.D
Acq: 23 May 2025 17:36

Tgt Ion:105 Resp: 2024
Ion Ratio Lower Upper
105 100
134 29.2 9.7 29.1#

