

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060325\
 Data File : VX046478.D
 Acq On : 03 Jun 2025 17:17
 Operator : JC/MD
 Sample : Q2189-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7-20250602

Quant Time: Jun 04 01:31:00 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)

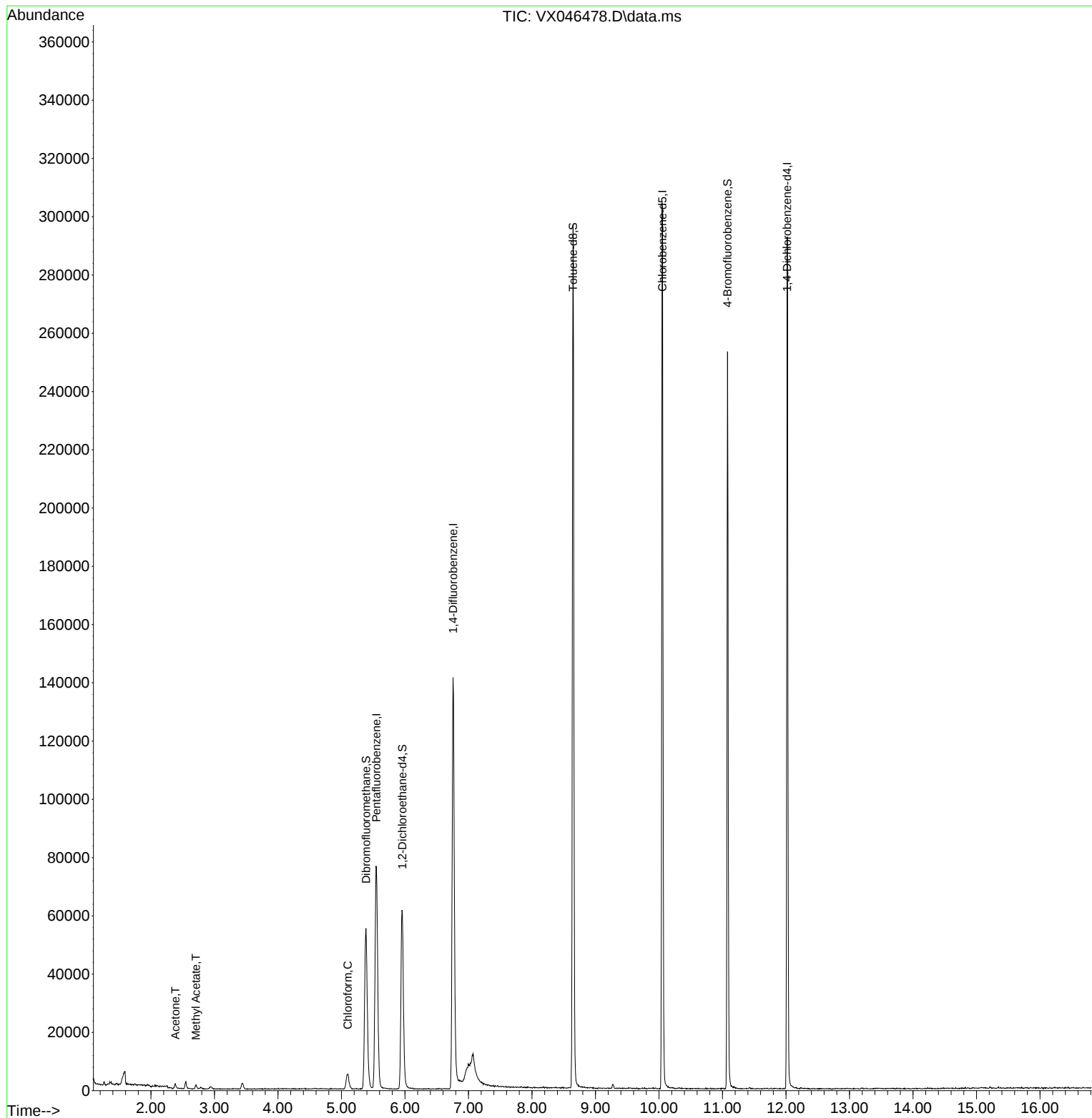
Internal Standards						
1) Pentafluorobenzene	5.550	168	66145	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	134317	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126492	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	53301	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	64449	52.264	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.520%		
35) Dibromofluoromethane	5.385	113	47764	49.383	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 98.760%		
50) Toluene-d8	8.647	98	167860	50.142	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.280%		
62) 4-Bromofluorobenzene	11.079	95	66277	51.613	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 103.220%		
Target Compounds						
						Qvalue
16) Acetone	2.386	43	2037	4.120	ug/l	94
18) Methyl Acetate	2.709	43	1645	1.434	ug/l #	86
30) Chloroform	5.099	83	6496	3.864	ug/l	98

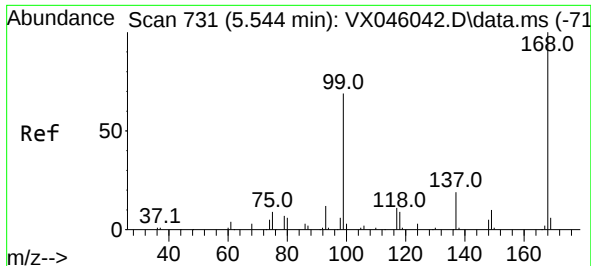
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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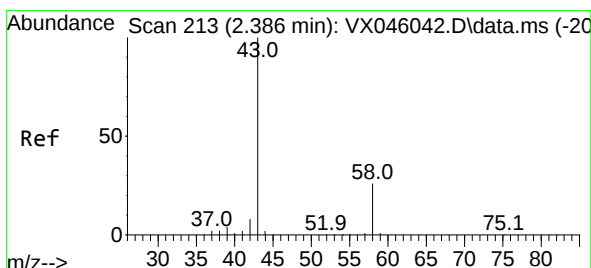
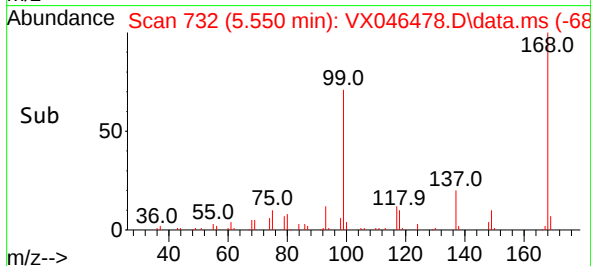
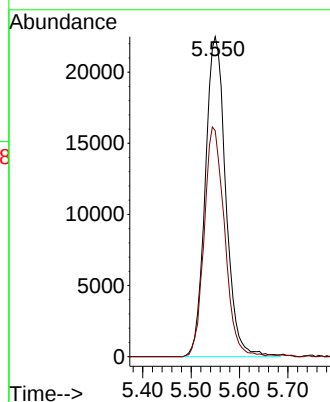
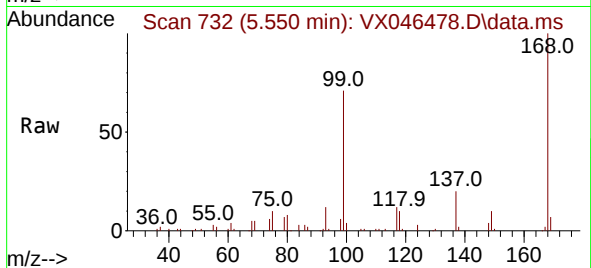




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046478.D
Acq: 03 Jun 2025 17:17

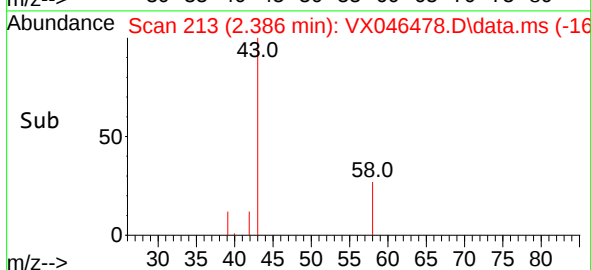
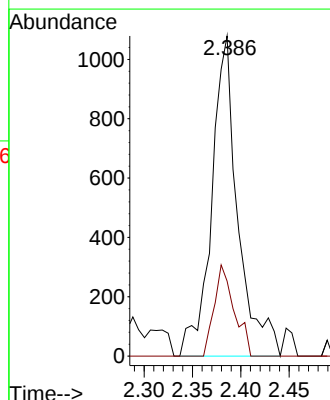
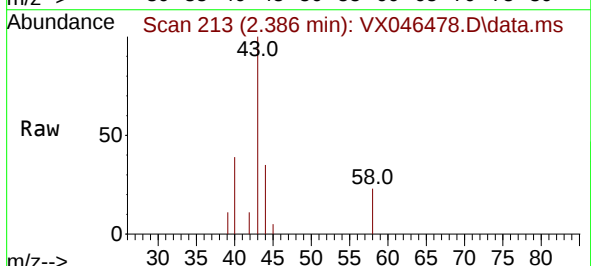
Instrument :
MSVOA_X
ClientSampleId :
MW-7-20250602

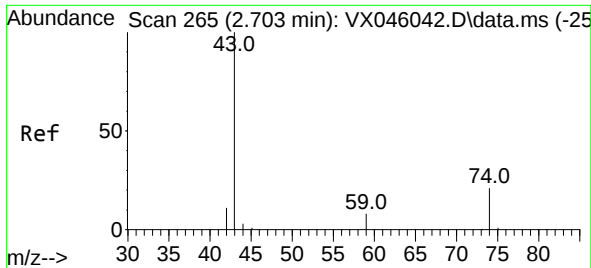
Tgt Ion:168 Resp: 66145
Ion Ratio Lower Upper
168 100
99 70.6 54.9 82.3



#16
Acetone
Concen: 4.120 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX046478.D
Acq: 03 Jun 2025 17:17

Tgt Ion: 43 Resp: 2037
Ion Ratio Lower Upper
43 100
58 23.4 21.2 31.8

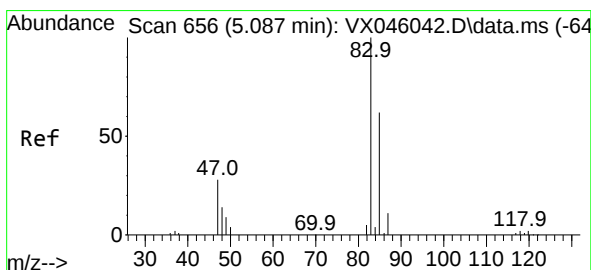
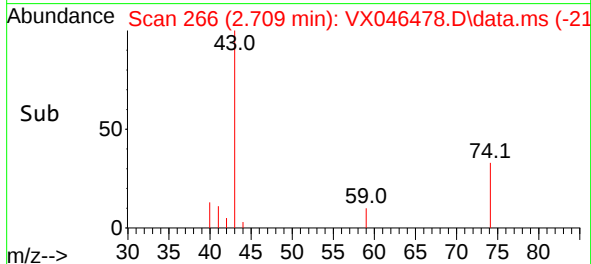
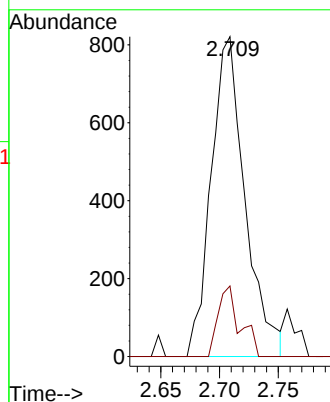
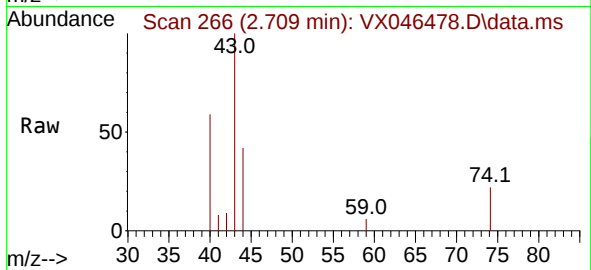




#18
Methyl Acetate
Concen: 1.434 ug/l
RT: 2.709 min Scan# 2
Delta R.T. 0.006 min
Lab File: VX046478.D
Acq: 03 Jun 2025 17:17

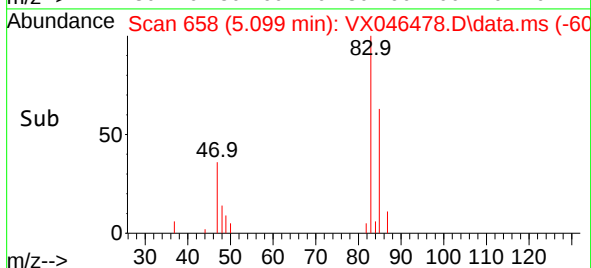
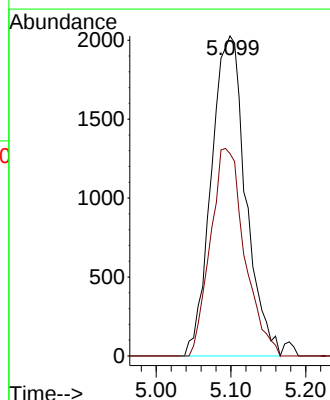
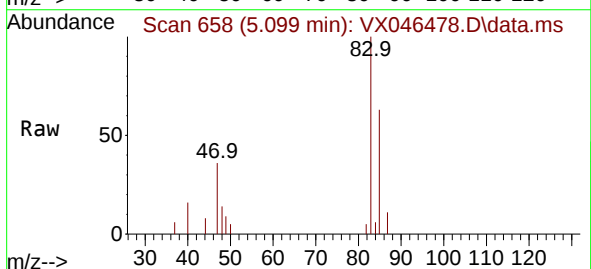
Instrument :
MSVOA_X
ClientSampleId :
MW-7-20250602

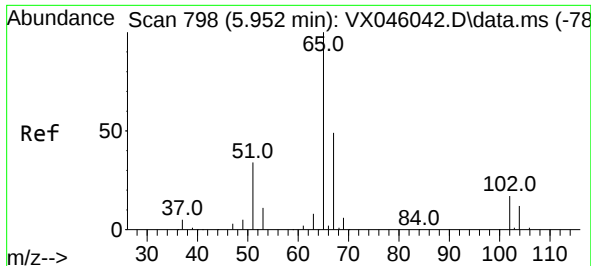
Tgt Ion: 43 Resp: 1645
Ion Ratio Lower Upper
43 100
74 14.2 16.7 25.1#



#30
Chloroform
Concen: 3.864 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.012 min
Lab File: VX046478.D
Acq: 03 Jun 2025 17:17

Tgt Ion: 83 Resp: 6496
Ion Ratio Lower Upper
83 100
85 63.2 49.3 73.9

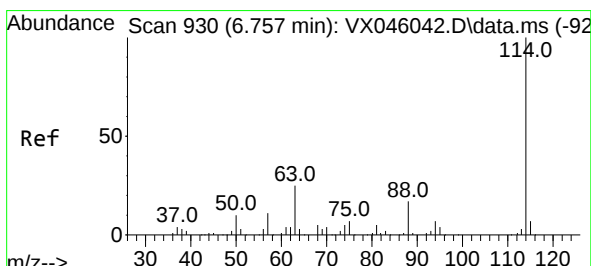
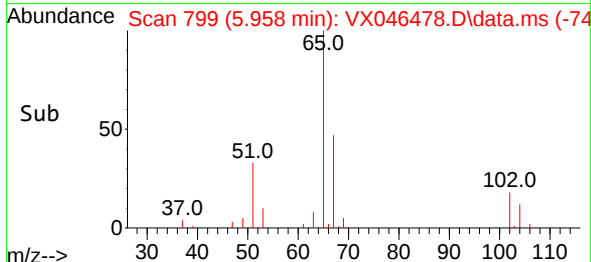
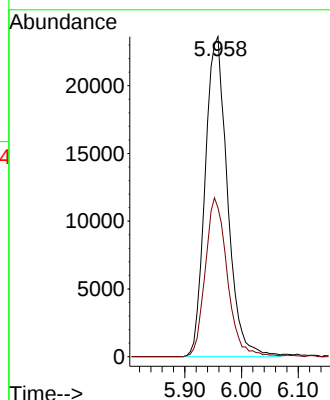
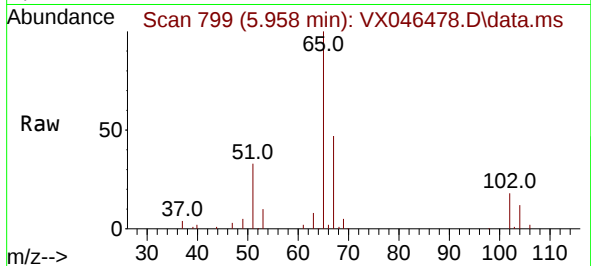




#33
 1,2-Dichloroethane-d4
 Concen: 52.264 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX046478.D
 Acq: 03 Jun 2025 17:17

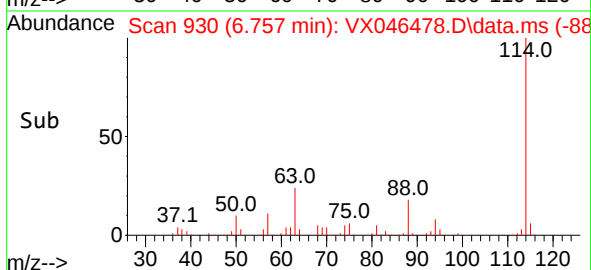
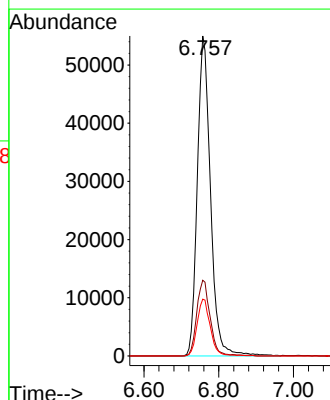
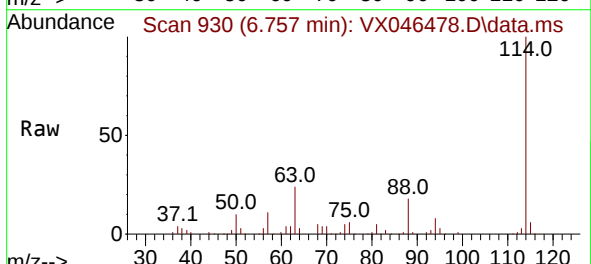
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7-20250602

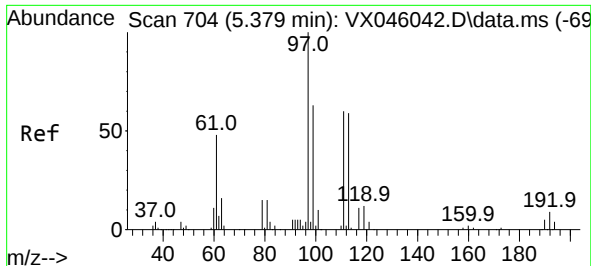
Tgt Ion: 65 Resp: 64449
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX046478.D
 Acq: 03 Jun 2025 17:17

Tgt Ion: 114 Resp: 134317
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 49.2
 88 17.7 0.0 33.6

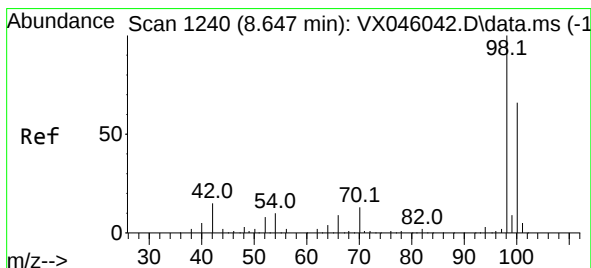
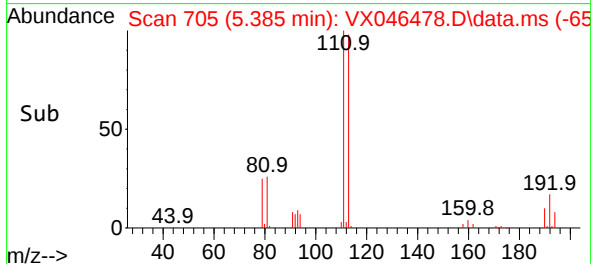
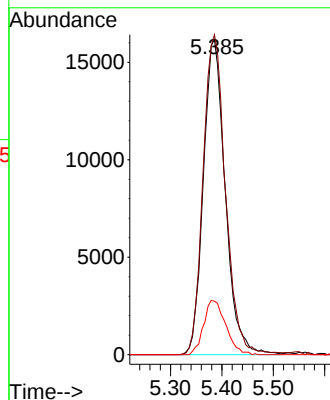
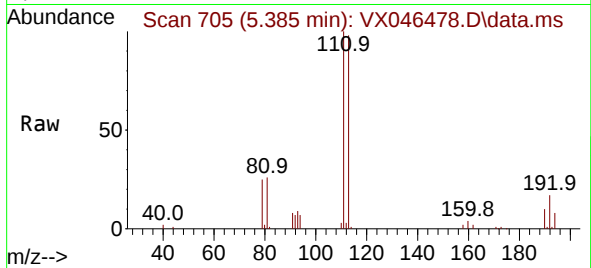




#35
Dibromofluoromethane
Concen: 49.383 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX046478.D
Acq: 03 Jun 2025 17:17

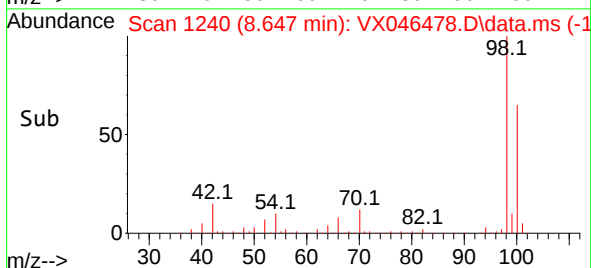
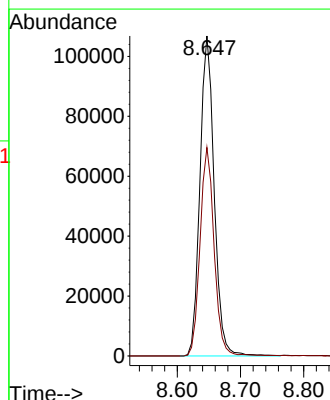
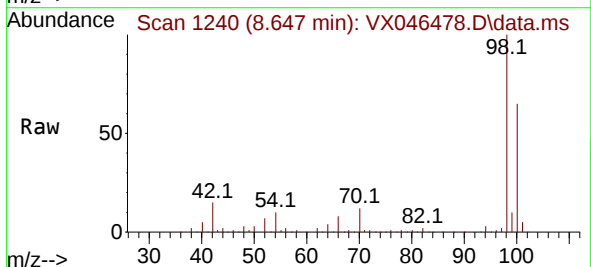
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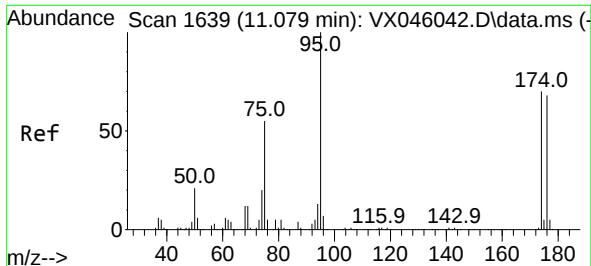
Tgt Ion:113 Resp: 47764
Ion Ratio Lower Upper
113 100
111 104.1 83.1 124.7
192 17.4 13.3 19.9



#50
Toluene-d8
Concen: 50.142 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX046478.D
Acq: 03 Jun 2025 17:17

Tgt Ion: 98 Resp: 167860
Ion Ratio Lower Upper
98 100
100 64.4 53.5 80.3

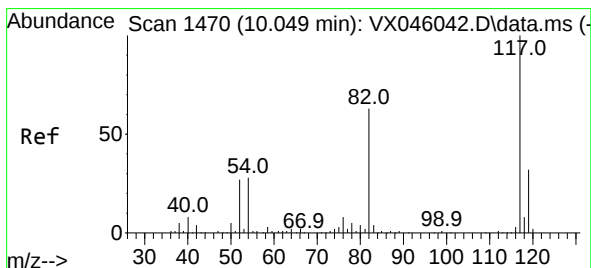
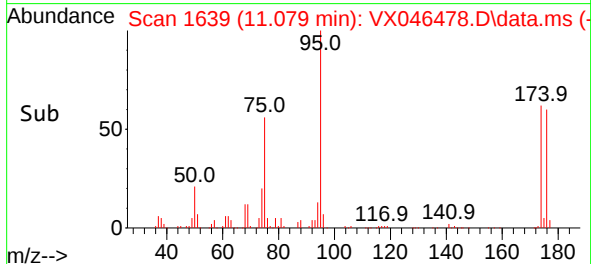
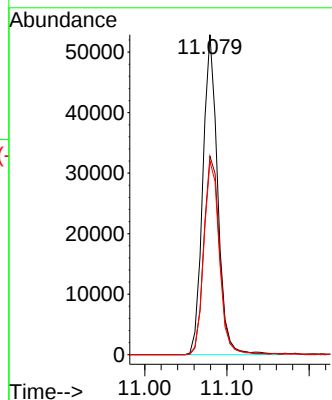
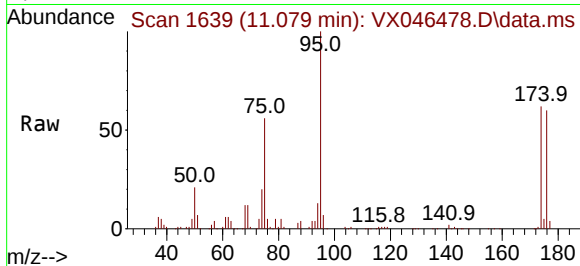




#62
4-Bromofluorobenzene
Concen: 51.613 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX046478.D
Acq: 03 Jun 2025 17:17

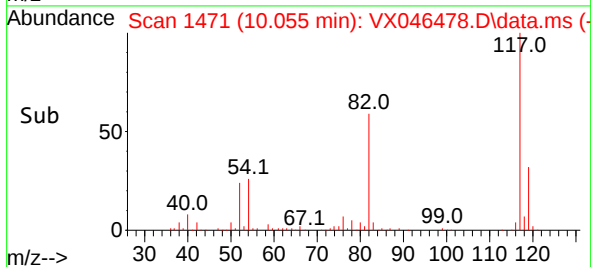
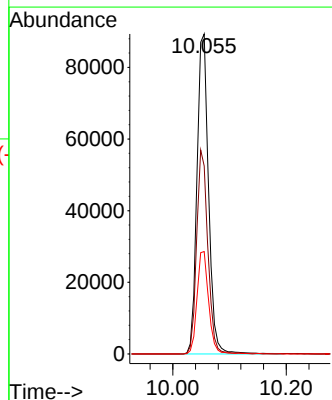
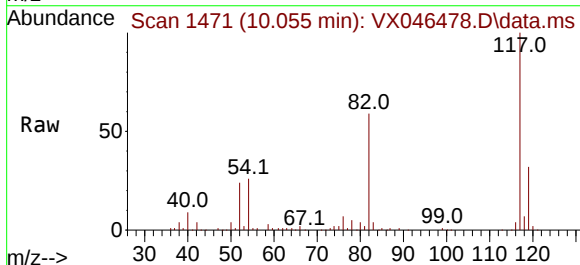
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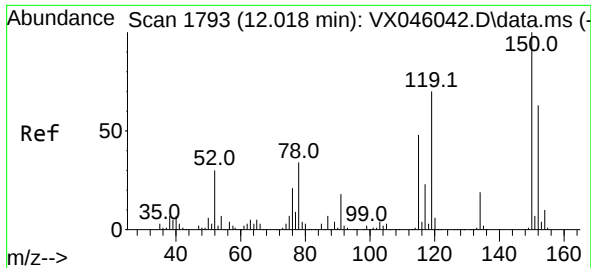
Tgt Ion: 95 Resp: 66277
Ion Ratio Lower Upper
95 100
174 65.9 0.0 135.8
176 63.2 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX046478.D
Acq: 03 Jun 2025 17:17

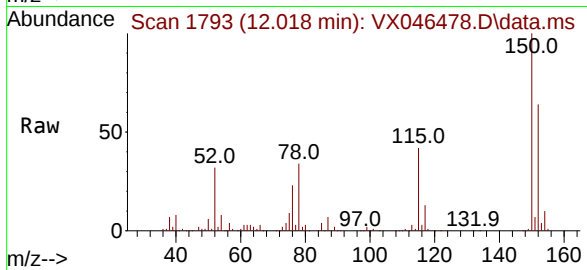
Tgt Ion: 117 Resp: 126492
Ion Ratio Lower Upper
117 100
82 58.7 50.6 76.0
119 32.0 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX046478.D
 Acq: 03 Jun 2025 17:17

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7-20250602



Tgt Ion:152 Resp: 53301
 Ion Ratio Lower Upper
 152 100
 115 65.6 46.9 140.7
 150 157.6 0.0 351.0

