

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051925\
 Data File : VX046262.D
 Acq On : 19 May 2025 13:03
 Operator : JC/MD
 Sample : Q2057-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-L

Quant Time: May 19 23:09:42 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)

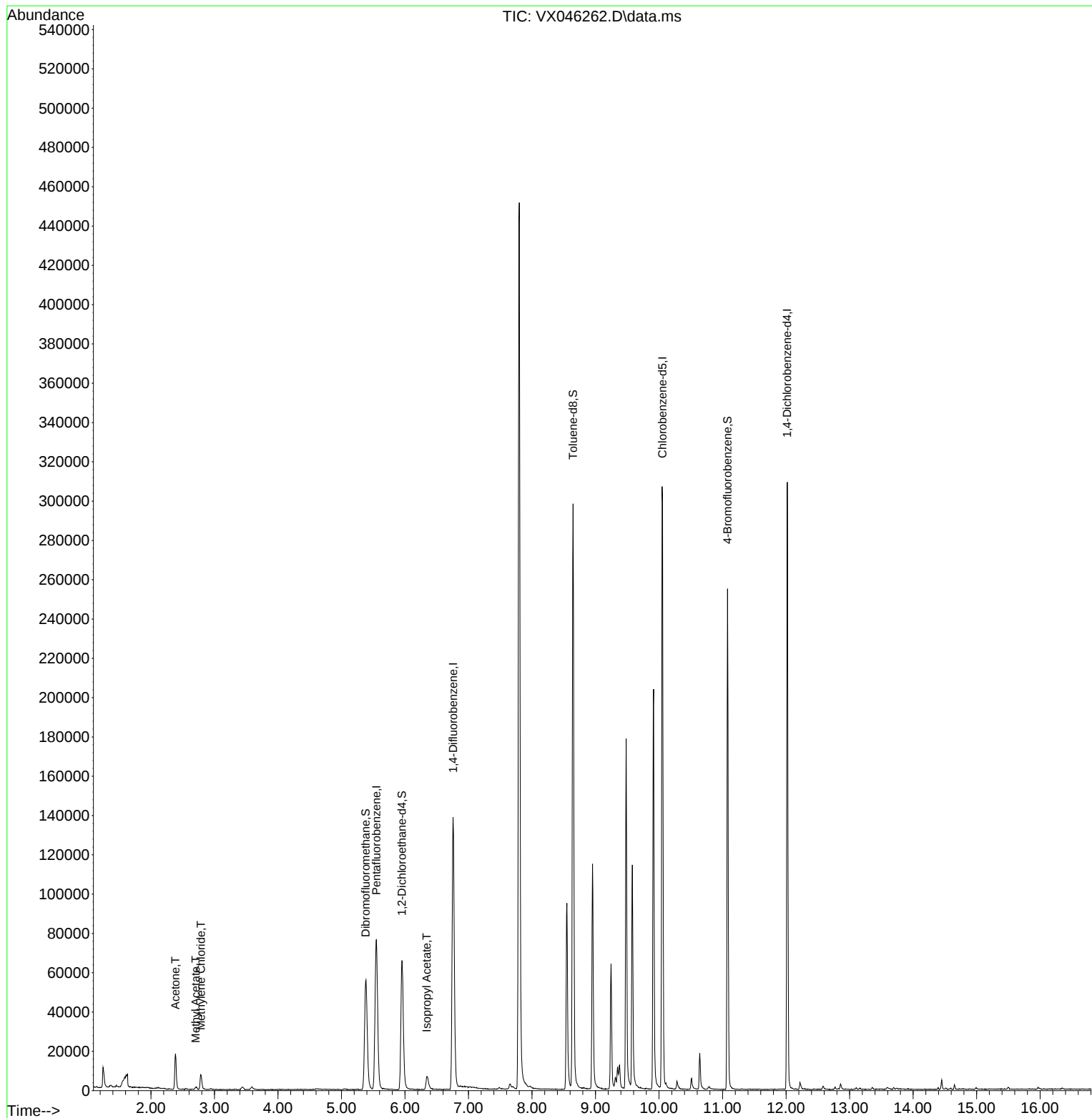
Internal Standards						
1) Pentafluorobenzene	5.550	168	65399	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129752	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55408	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67890	55.682	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.360%
35) Dibromofluoromethane	5.379	113	49136	52.588	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.180%
50) Toluene-d8	8.647	98	170036	52.579	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.160%
62) 4-Bromofluorobenzene	11.079	95	65926	53.145	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.300%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	20250	41.423	ug/l	95
18) Methyl Acetate	2.703	43	1845	1.626	ug/l	95
20) Methylene Chloride	2.788	84	3800	4.056	ug/l	96
43) Isopropyl Acetate	6.342	43	11047	4.669	ug/l	99

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

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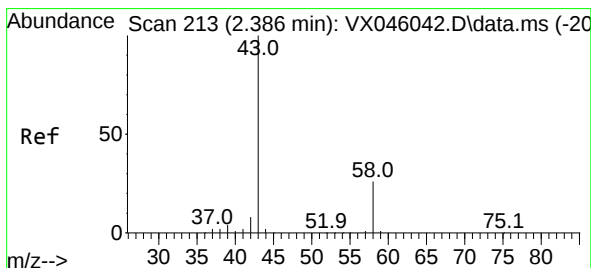
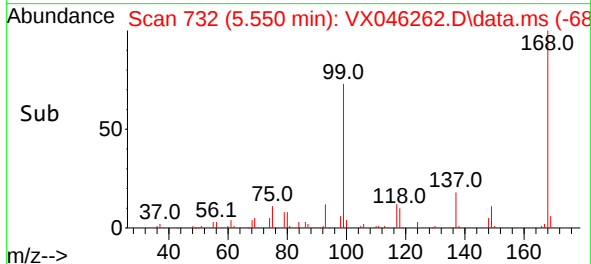
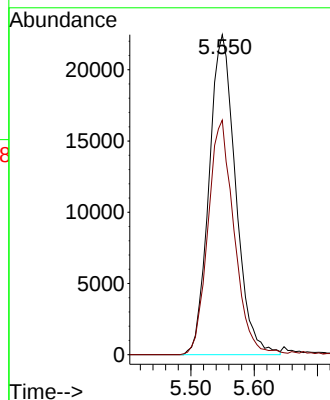
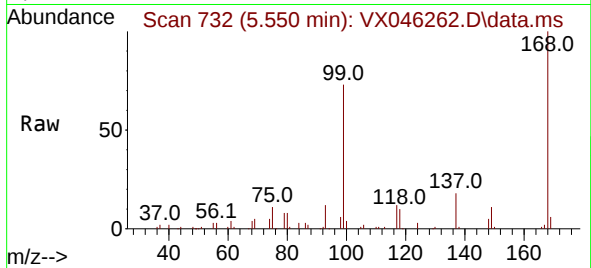




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046262.D
Acq: 19 May 2025 13:03

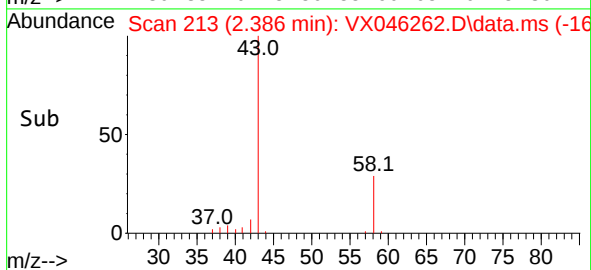
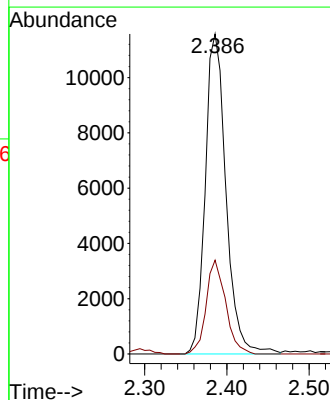
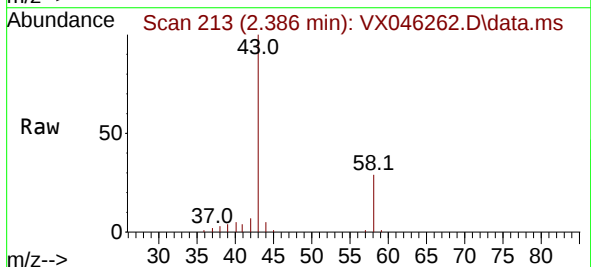
Instrument :
MSVOA_X
ClientSampleId :
MH-L

Tgt Ion:168 Resp: 65399
Ion Ratio Lower Upper
168 100
99 73.3 54.9 82.3



#16
Acetone
Concen: 41.423 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX046262.D
Acq: 19 May 2025 13:03

Tgt Ion: 43 Resp: 20250
Ion Ratio Lower Upper
43 100
58 29.3 21.2 31.8

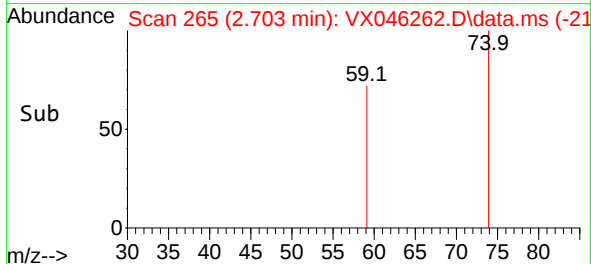
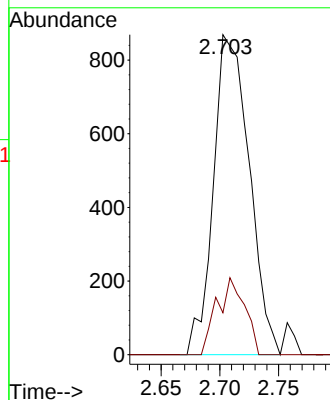
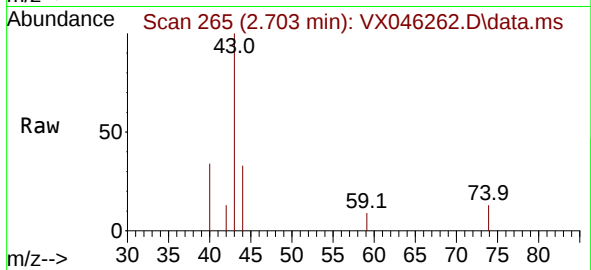




#18
Methyl Acetate
Concen: 1.626 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX046262.D
Acq: 19 May 2025 13:03

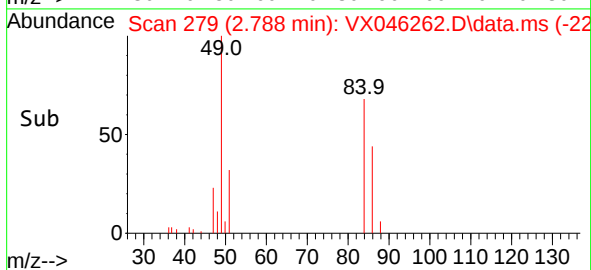
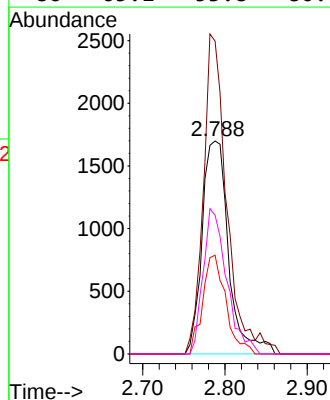
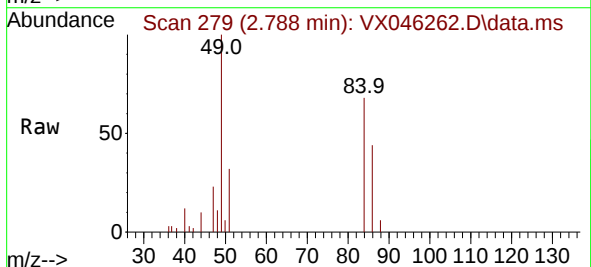
Instrument :
MSVOA_X
ClientSampleId :
MH-L

Tgt Ion: 43 Resp: 1845
Ion Ratio Lower Upper
43 100
74 18.6 16.7 25.1



#20
Methylene Chloride
Concen: 4.056 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX046262.D
Acq: 19 May 2025 13:03

Tgt Ion: 84 Resp: 3800
Ion Ratio Lower Upper
84 100
49 146.9 113.9 170.9
51 46.3 33.5 50.3
86 65.1 53.8 80.8

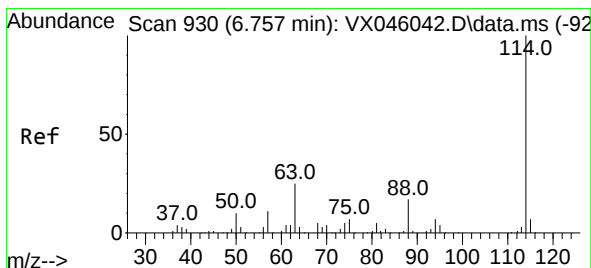
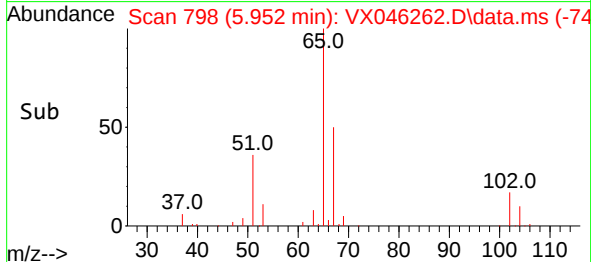
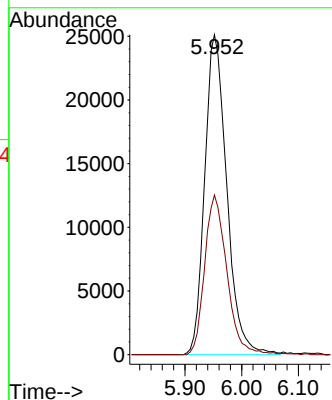
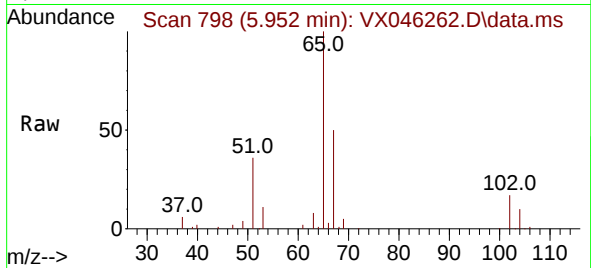




#33
 1,2-Dichloroethane-d4
 Concen: 55.682 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.000 min
 Lab File: VX046262.D
 Acq: 19 May 2025 13:03

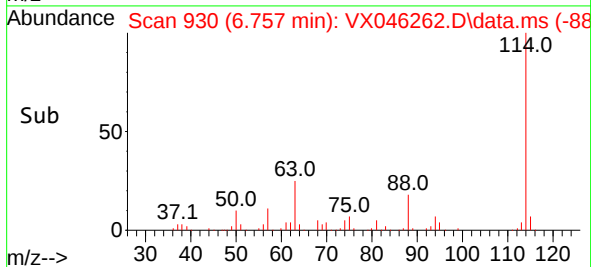
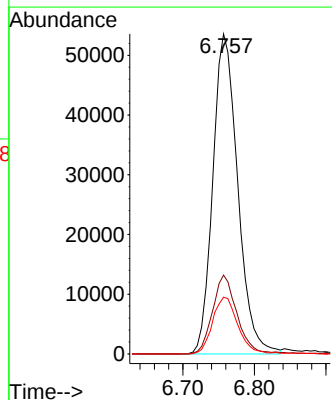
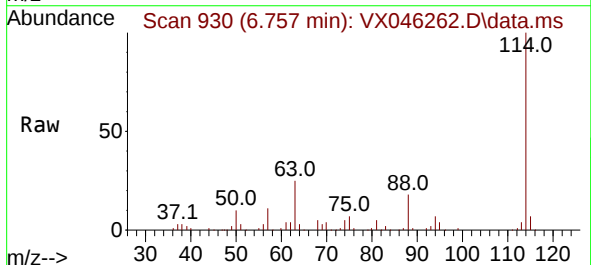
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-L

Tgt Ion: 65 Resp: 67890
 Ion Ratio Lower Upper
 65 100
 67 50.3 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: VX046262.D
 Acq: 19 May 2025 13:03

Tgt Ion: 114 Resp: 129752
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 49.2
 88 17.7 0.0 33.6

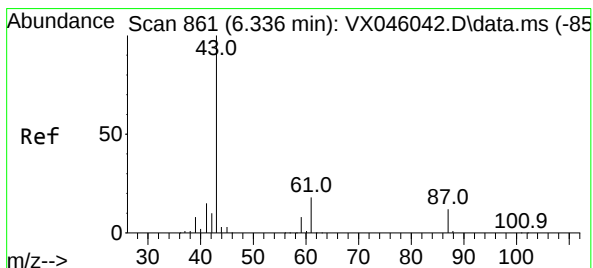
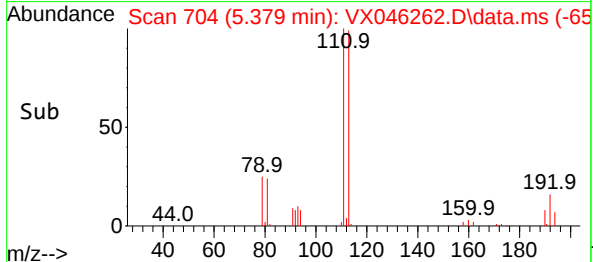
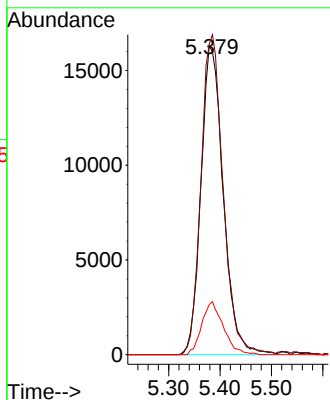
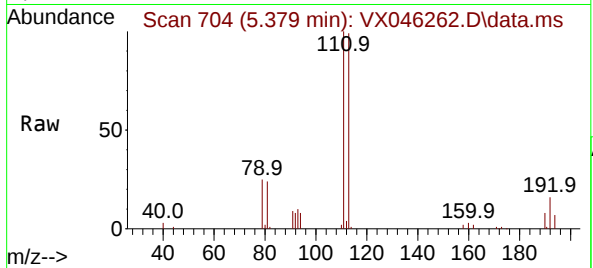




#35
Dibromofluoromethane
Concen: 52.588 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046262.D
Acq: 19 May 2025 13:03

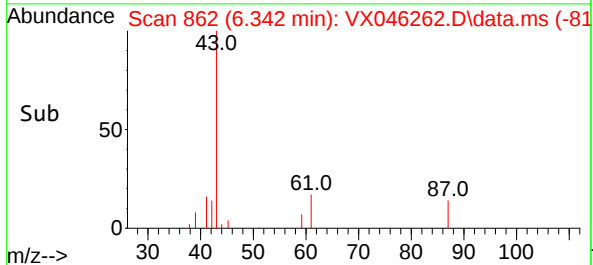
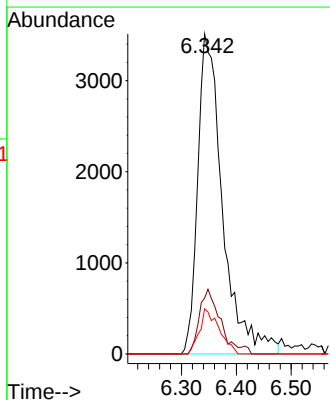
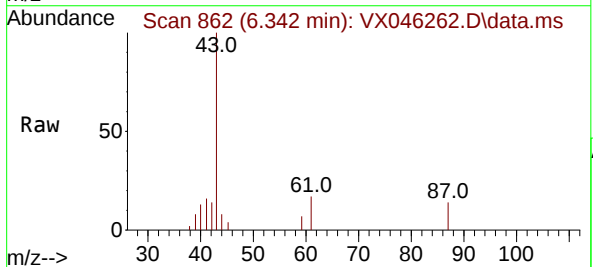
Instrument :
MSVOA_X
ClientSampleId :
MH-L

Tgt Ion:113 Resp: 49136
Ion Ratio Lower Upper
113 100
111 102.8 83.1 124.7
192 16.7 13.3 19.9



#43
Isopropyl Acetate
Concen: 4.669 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX046262.D
Acq: 19 May 2025 13:03

Tgt Ion: 43 Resp: 11047
Ion Ratio Lower Upper
43 100
61 17.3 14.3 21.5
87 11.2 9.5 14.3

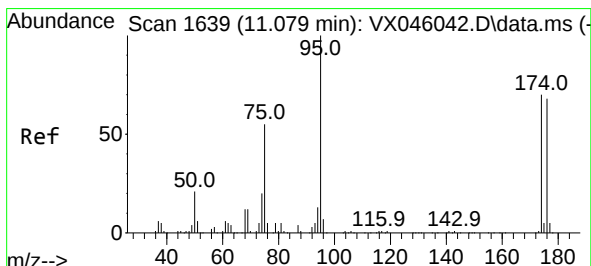
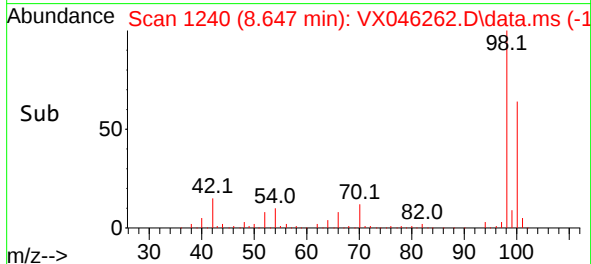
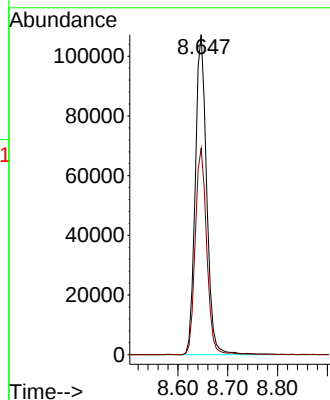
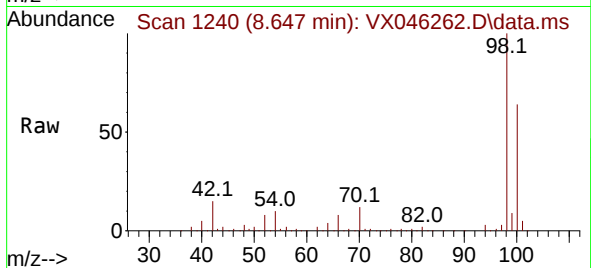




#50
Toluene-d8
Concen: 52.579 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX046262.D
Acq: 19 May 2025 13:03

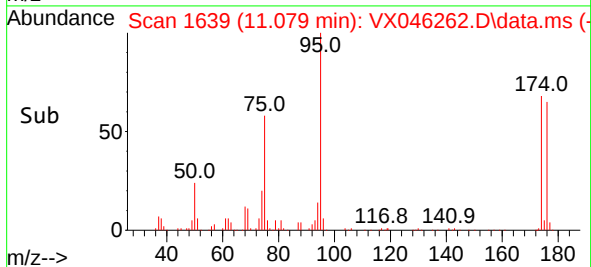
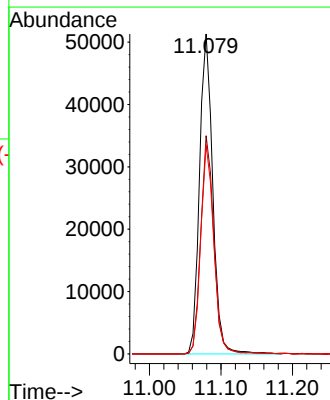
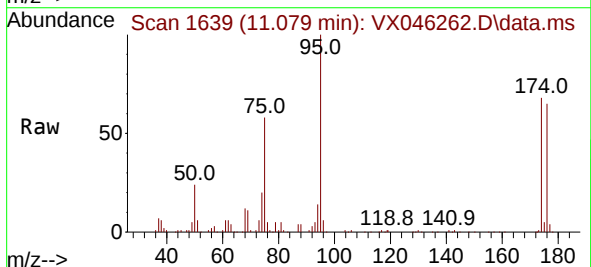
Instrument :
MSVOA_X
ClientSampleId :
MH-L

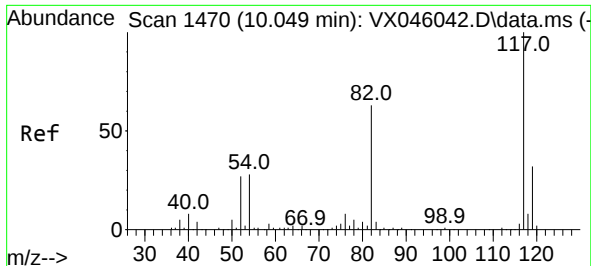
Tgt Ion: 98 Resp: 170036
Ion Ratio Lower Upper
98 100
100 65.0 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 53.145 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046262.D
Acq: 19 May 2025 13:03

Tgt Ion: 95 Resp: 65926
Ion Ratio Lower Upper
95 100
174 67.3 0.0 135.8
176 65.0 0.0 131.4

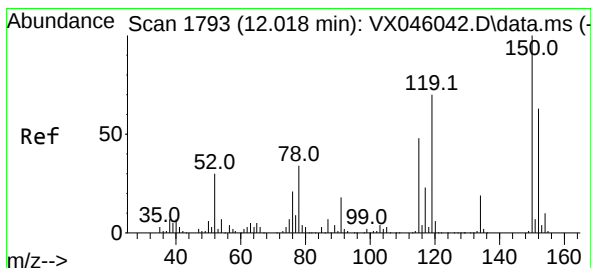
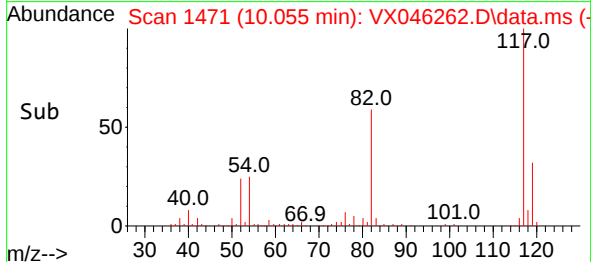
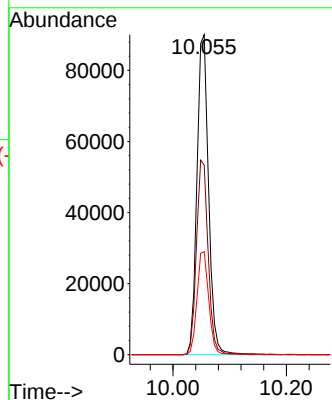
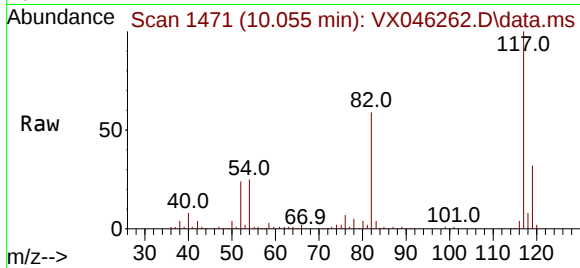




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX046262.D
Acq: 19 May 2025 13:03

Instrument :
MSVOA_X
ClientSampleId :
MH-L

Tgt Ion:117 Resp: 127866
Ion Ratio Lower Upper
117 100
82 59.3 50.6 76.0
119 32.2 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: VX046262.D
Acq: 19 May 2025 13:03

Tgt Ion:152 Resp: 55408
Ion Ratio Lower Upper
152 100
115 64.5 46.9 140.7
150 158.5 0.0 351.0

