

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050825\
 Data File : VX046094.D
 Acq On : 08 May 2025 16:26
 Operator : JC/MD
 Sample : Q1972-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SUB-WC-2

Quant Time: May 09 01:58:22 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)

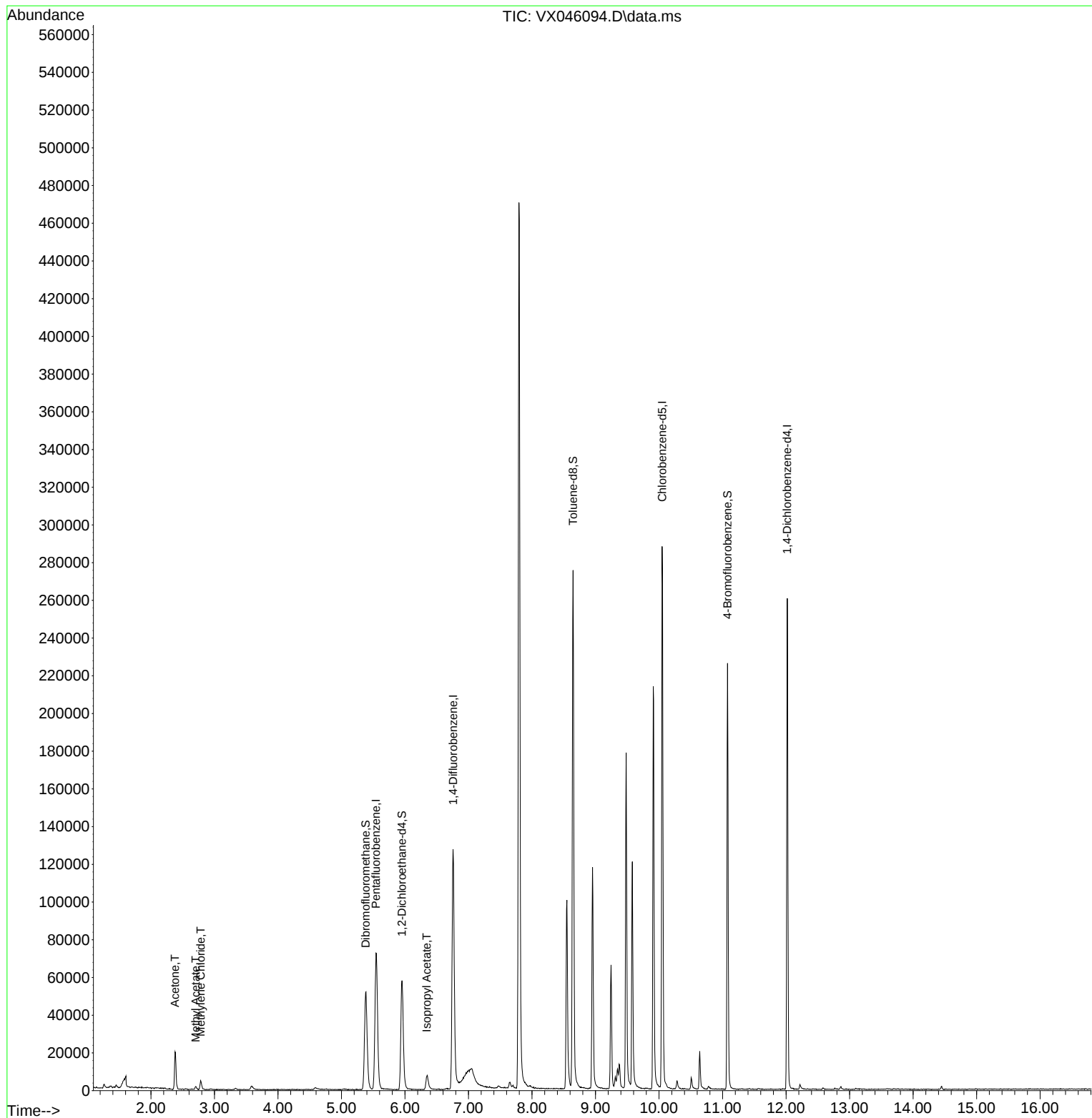
Internal Standards						
1) Pentafluorobenzene	5.544	168	61992	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	121402	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	116858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47611	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61340	53.075	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.140%	
35) Dibromofluoromethane	5.379	113	44540	50.948	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.900%	
50) Toluene-d8	8.647	98	156852	51.838	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.680%	
62) 4-Bromofluorobenzene	11.079	95	59463	51.232	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.460%	
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	21880	47.217	ug/l	99
18) Methyl Acetate	2.703	43	2214	2.059	ug/l	93
20) Methylene Chloride	2.782	84	2244	2.527	ug/l	86
43) Isopropyl Acetate	6.342	43	12006	5.423	ug/l	96

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

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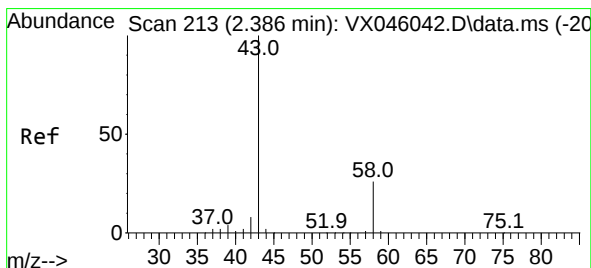
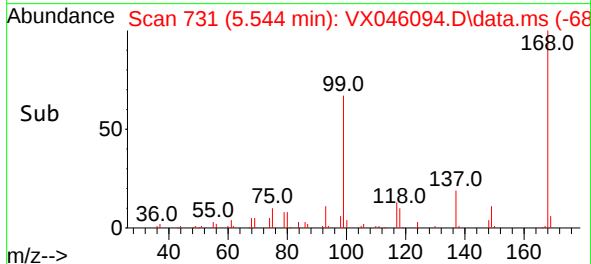
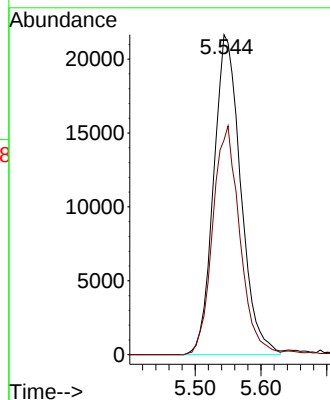
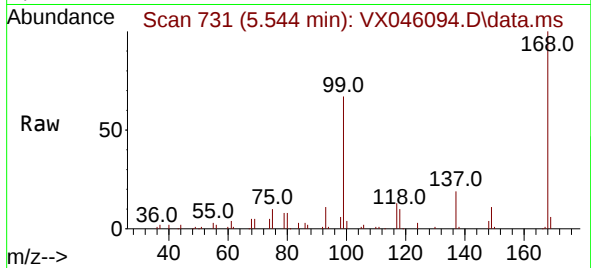




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX046094.D
Acq: 08 May 2025 16:26

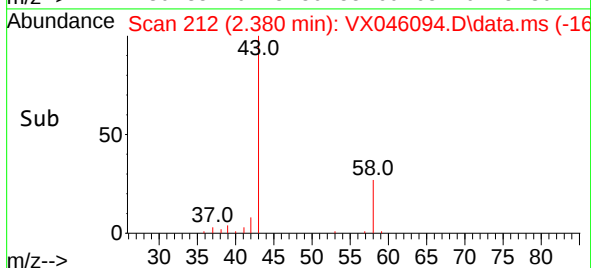
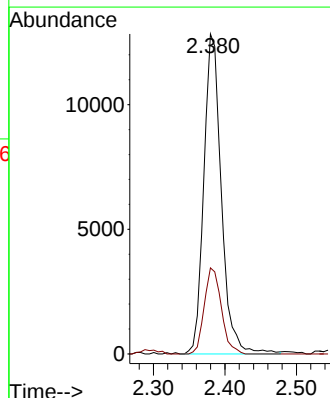
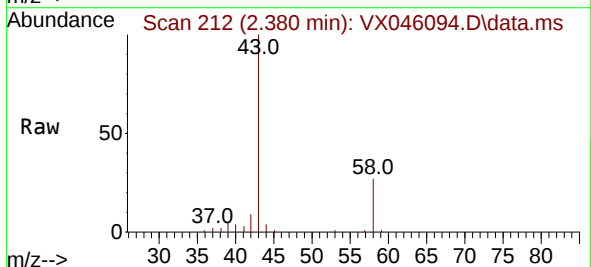
Instrument :
MSVOA_X
ClientSampleId :
SUB-WC-2

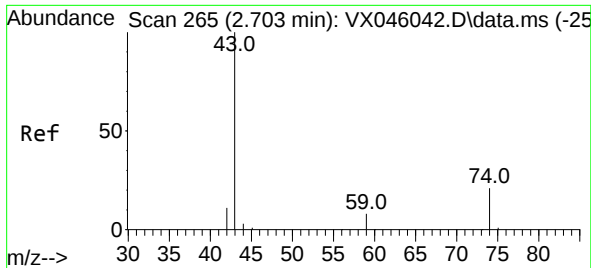
Tgt Ion:168 Resp: 61992
Ion Ratio Lower Upper
168 100
99 67.1 54.9 82.3



#16
Acetone
Concen: 47.217 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX046094.D
Acq: 08 May 2025 16:26

Tgt Ion: 43 Resp: 21880
Ion Ratio Lower Upper
43 100
58 26.9 21.2 31.8

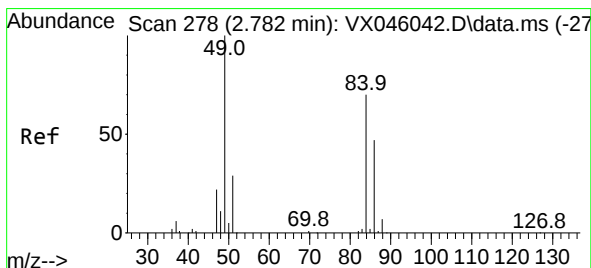
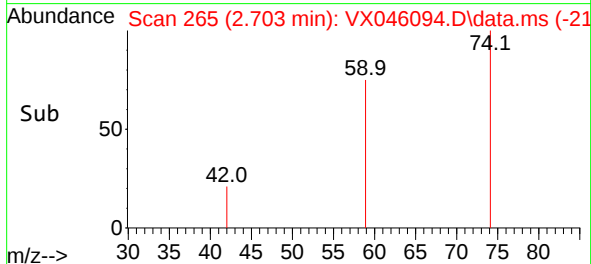
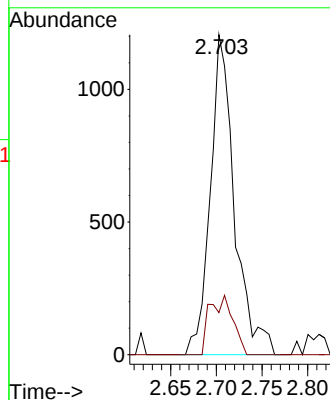
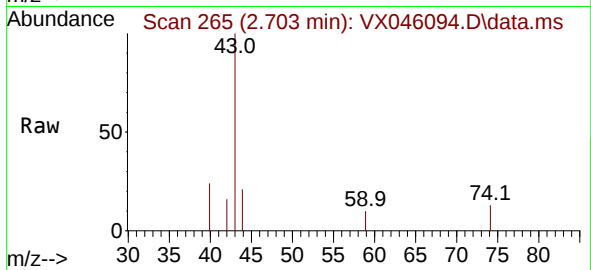




#18
Methyl Acetate
Concen: 2.059 ug/l
RT: 2.703 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX046094.D
Acq: 08 May 2025 16:26

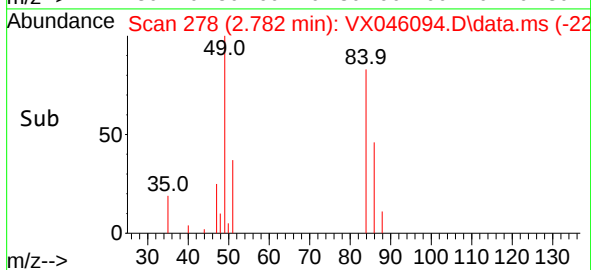
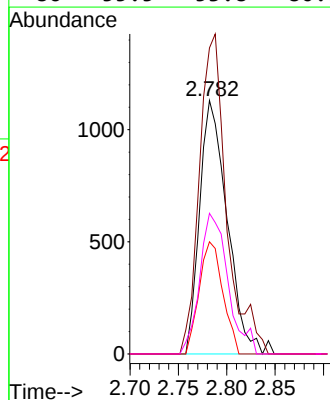
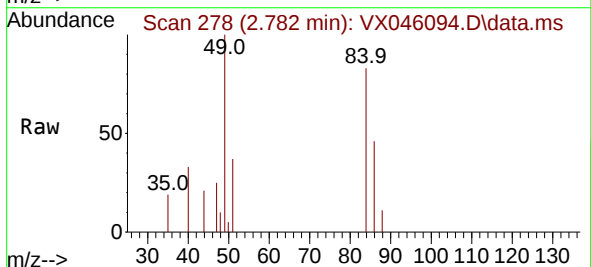
Instrument :
MSVOA_X
ClientSampleId :
SUB-WC-2

Tgt Ion: 43 Resp: 2214
Ion Ratio Lower Upper
43 100
74 17.8 16.7 25.1



#20
Methylene Chloride
Concen: 2.527 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX046094.D
Acq: 08 May 2025 16:26

Tgt Ion: 84 Resp: 2244
Ion Ratio Lower Upper
84 100
49 120.8 113.9 170.9
51 44.2 33.5 50.3
86 55.5 53.8 80.8

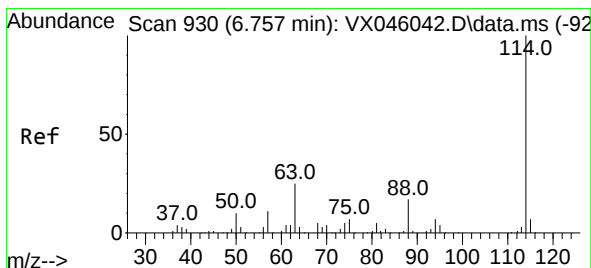
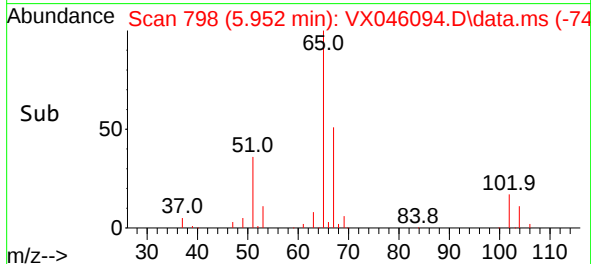
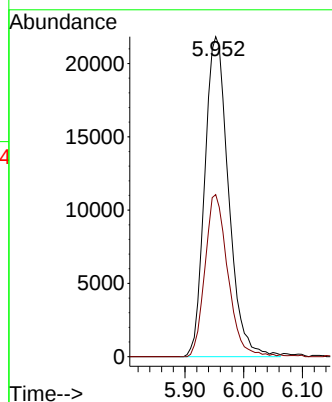
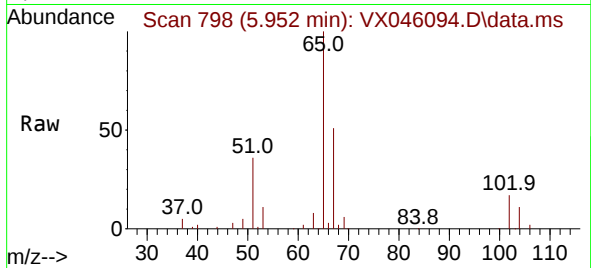




#33
 1,2-Dichloroethane-d4
 Concen: 53.075 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX046094.D
 Acq: 08 May 2025 16:26

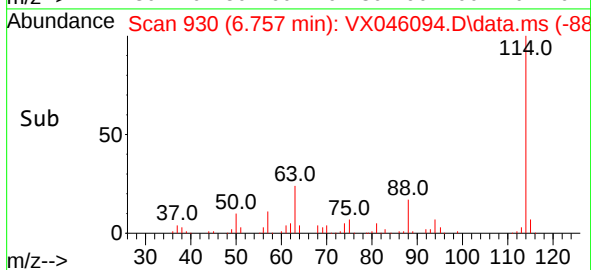
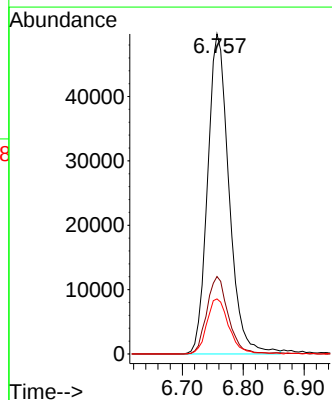
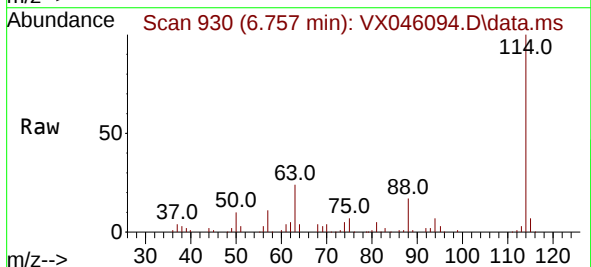
Instrument :
 MSVOA_X
 ClientSampleId :
 SUB-WC-2

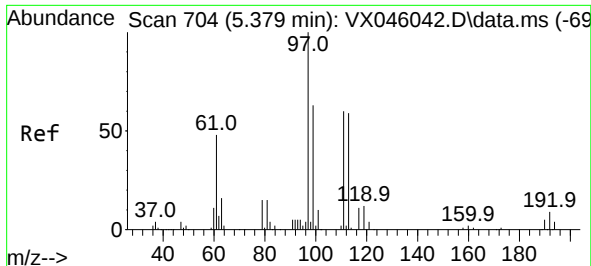
Tgt Ion: 65 Resp: 61340
 Ion Ratio Lower Upper
 65 100
 67 48.9 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX046094.D
 Acq: 08 May 2025 16:26

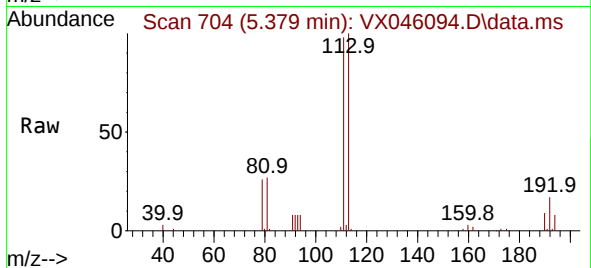
Tgt Ion: 114 Resp: 121402
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 49.2
 88 17.2 0.0 33.6



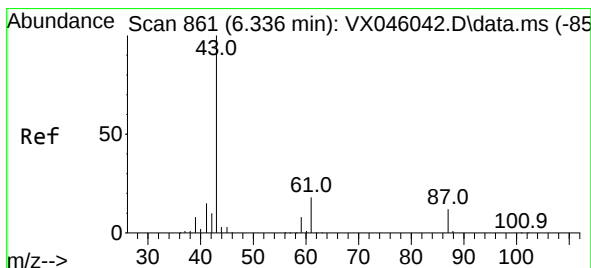
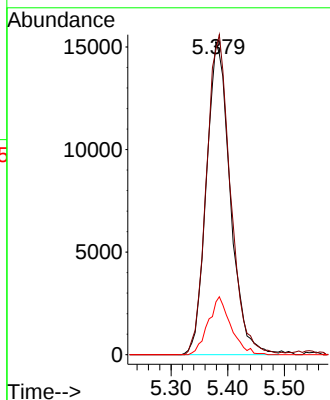
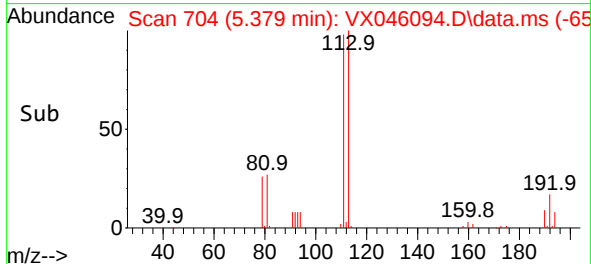


#35
Dibromofluoromethane
Concen: 50.948 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.000 min
Lab File: VX046094.D
Acq: 08 May 2025 16:26

Instrument :
MSVOA_X
ClientSampleId :
SUB-WC-2

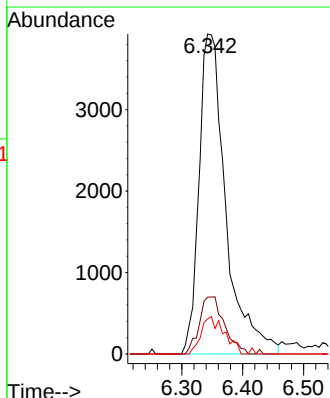
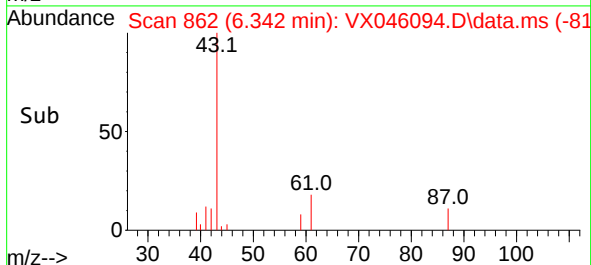
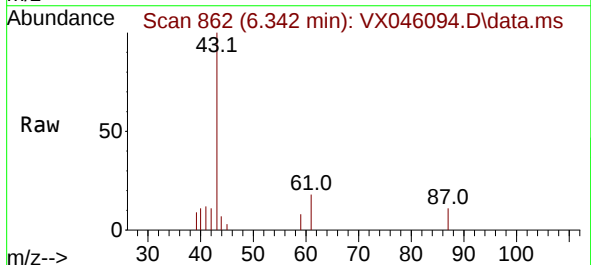


Tgt Ion:113 Resp: 44540
Ion Ratio Lower Upper
113 100
111 102.9 83.1 124.7
192 17.5 13.3 19.9



#43
Isopropyl Acetate
Concen: 5.423 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX046094.D
Acq: 08 May 2025 16:26

Tgt Ion: 43 Resp: 12006
Ion Ratio Lower Upper
43 100
61 16.6 14.3 21.5
87 10.0 9.5 14.3

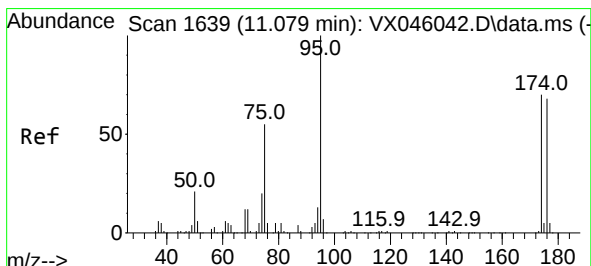
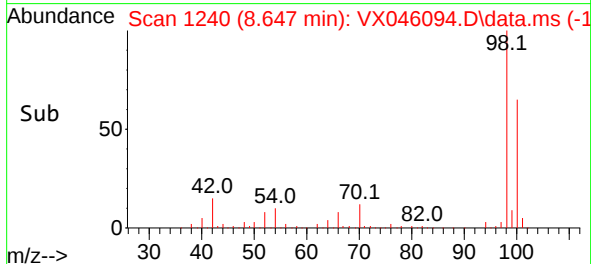
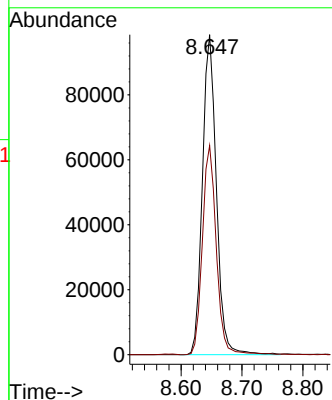
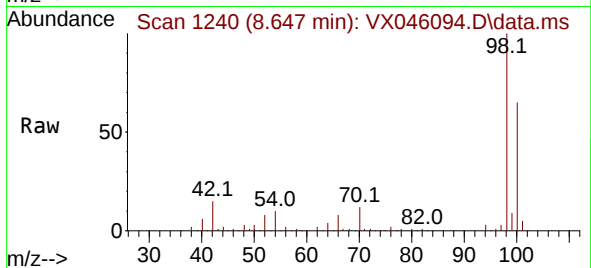




#50
Toluene-d8
Concen: 51.838 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX046094.D
Acq: 08 May 2025 16:26

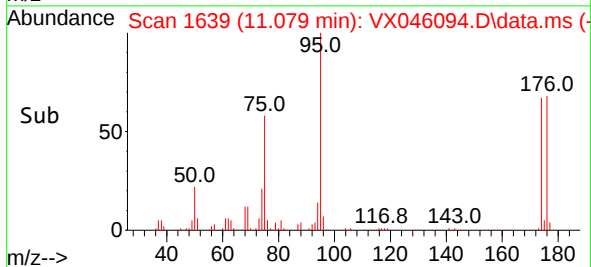
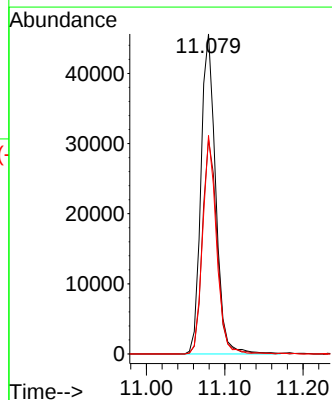
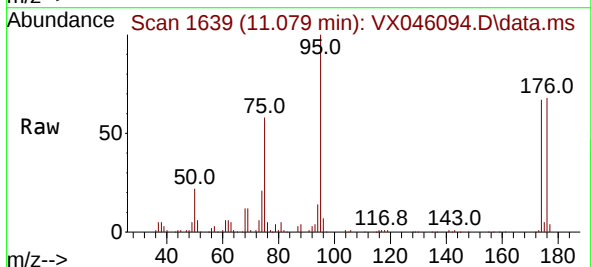
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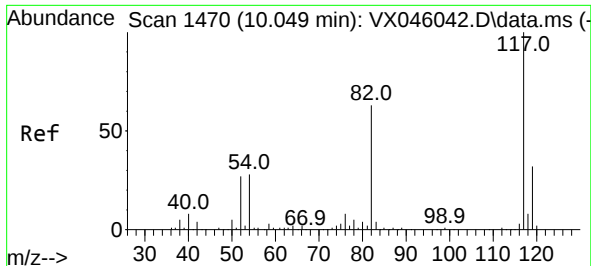
Tgt Ion: 98 Resp: 156852
Ion Ratio Lower Upper
98 100
100 65.1 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 51.232 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX046094.D
Acq: 08 May 2025 16:26

Tgt Ion: 95 Resp: 59463
Ion Ratio Lower Upper
95 100
174 66.9 0.0 135.8
176 64.2 0.0 131.4

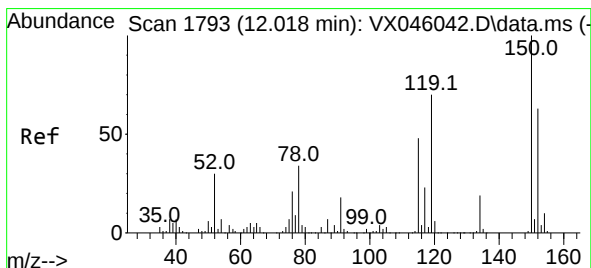
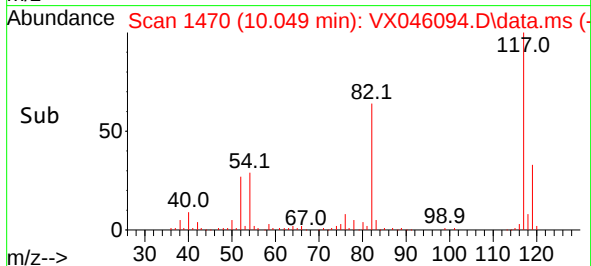
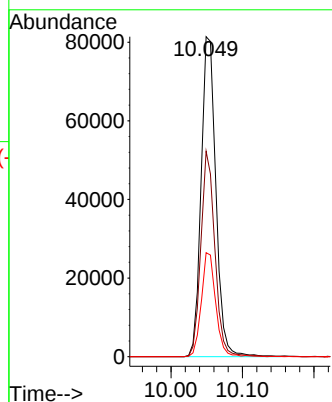
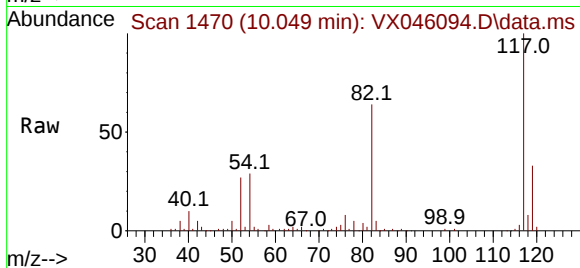




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX046094.D
Acq: 08 May 2025 16:26

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 116858
Ion Ratio Lower Upper
117 100
82 64.2 50.6 76.0
119 32.5 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: VX046094.D
Acq: 08 May 2025 16:26

Tgt Ion:152 Resp: 47611
Ion Ratio Lower Upper
152 100
115 67.2 46.9 140.7
150 157.7 0.0 351.0

