

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042425\
 Data File : VX045926.D
 Acq On : 24 Apr 2025 14:47
 Operator : JC/MD
 Sample : Q1852-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 72-11977

Quant Time: Apr 25 02:27:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

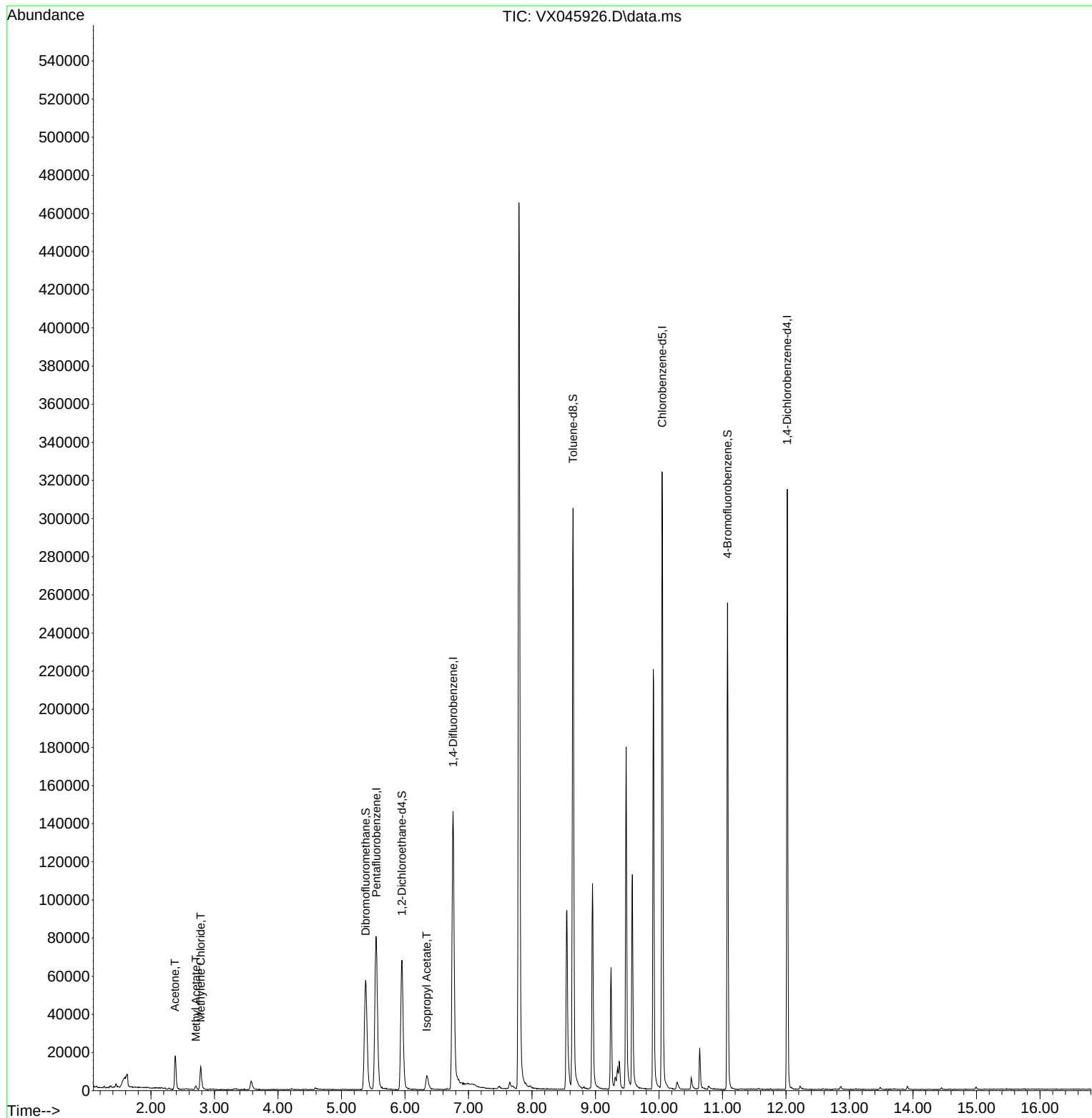
Internal Standards						
1) Pentafluorobenzene	5.550	168	69700	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	138229	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	130387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	56639	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69599	54.603	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.200%		
35) Dibromofluoromethane	5.379	113	50280	51.268	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.540%		
50) Toluene-d8	8.647	98	173783	50.767	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 101.540%		
62) 4-Bromofluorobenzene	11.079	95	65543	52.565	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 105.140%		
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	20726	39.599	ug/l	95
18) Methyl Acetate	2.709	43	2609	2.165	ug/l #	87
20) Methylene Chloride	2.782	84	5245	5.353	ug/l	94
43) Isopropyl Acetate	6.342	43	11612	4.591	ug/l	98

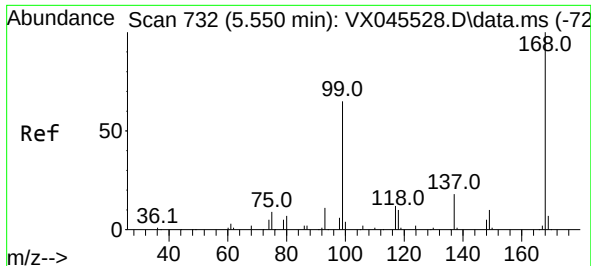
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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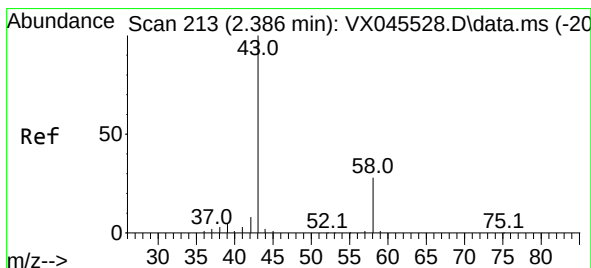
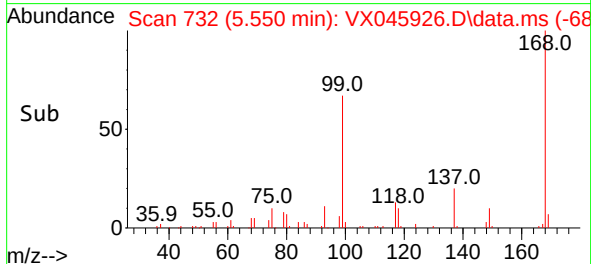
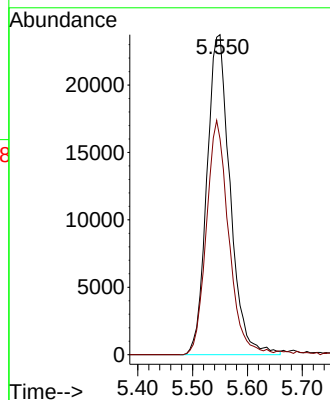
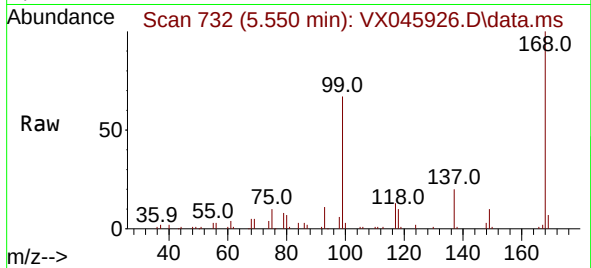




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045926.D
Acq: 24 Apr 2025 14:47

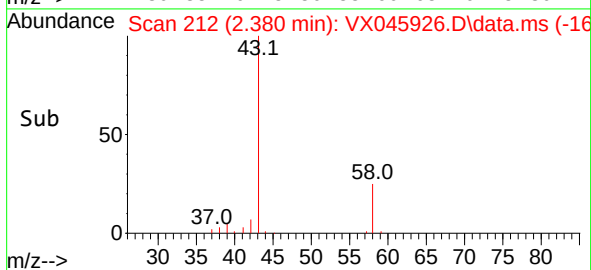
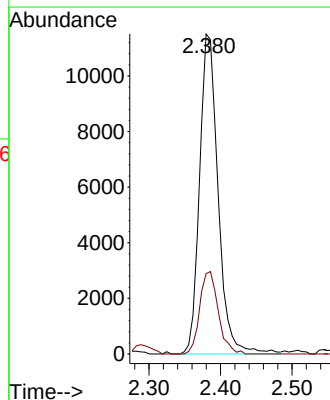
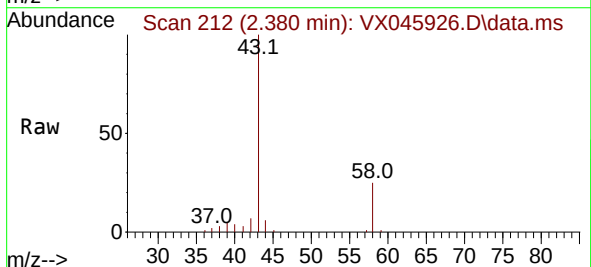
Instrument :
MSVOA_X
ClientSampleId :
72-11977

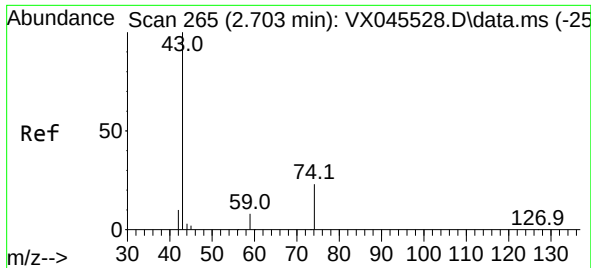
Tgt Ion:168 Resp: 69700
Ion Ratio Lower Upper
168 100
99 67.4 52.3 78.5



#16
Acetone
Concen: 39.599 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX045926.D
Acq: 24 Apr 2025 14:47

Tgt Ion: 43 Resp: 20726
Ion Ratio Lower Upper
43 100
58 25.1 22.3 33.5

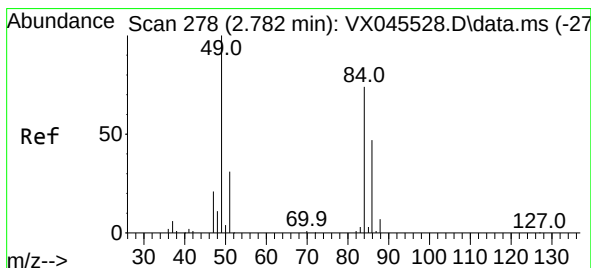
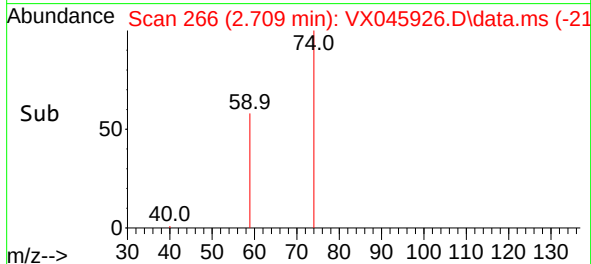
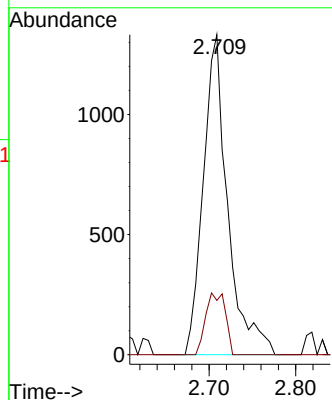
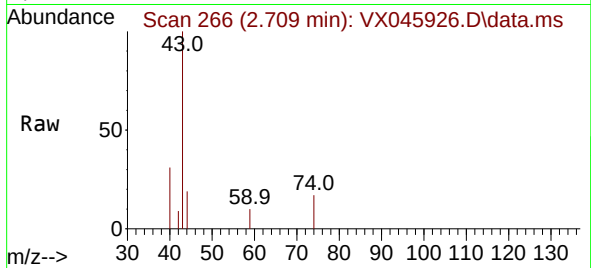




#18
Methyl Acetate
Concen: 2.165 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX045926.D
Acq: 24 Apr 2025 14:47

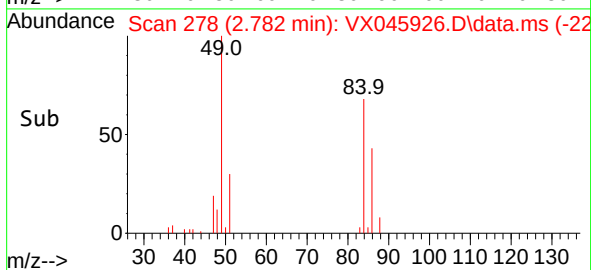
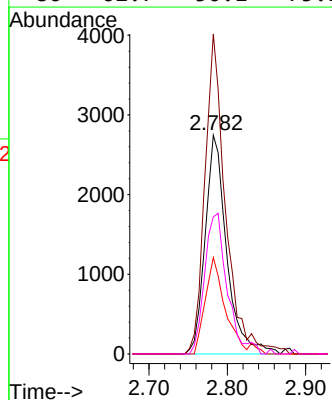
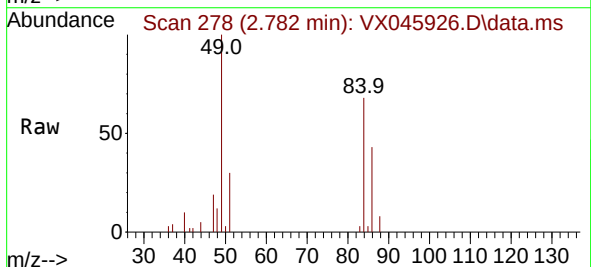
Instrument :
MSVOA_X
ClientSampleId :
72-11977

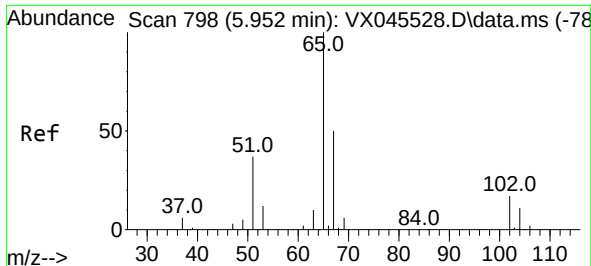
Tgt Ion: 43 Resp: 2609
Ion Ratio Lower Upper
43 100
74 15.5 17.5 26.3#



#20
Methylene Chloride
Concen: 5.353 ug/l
RT: 2.782 min Scan# 278
Delta R.T. 0.000 min
Lab File: VX045926.D
Acq: 24 Apr 2025 14:47

Tgt Ion: 84 Resp: 5245
Ion Ratio Lower Upper
84 100
49 146.3 107.5 161.3
51 44.1 33.0 49.6
86 62.7 50.1 75.1





#33

1,2-Dichloroethane-d4

Concen: 54.603 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX045926.D

Acq: 24 Apr 2025 14:47

Instrument :

MSVOA_X

ClientSampleId :

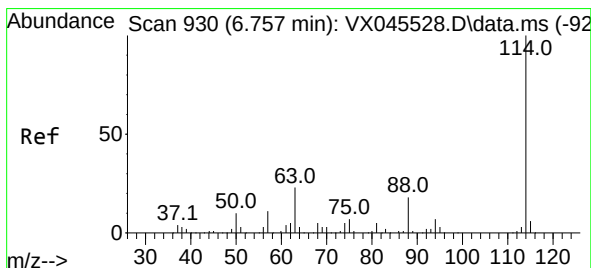
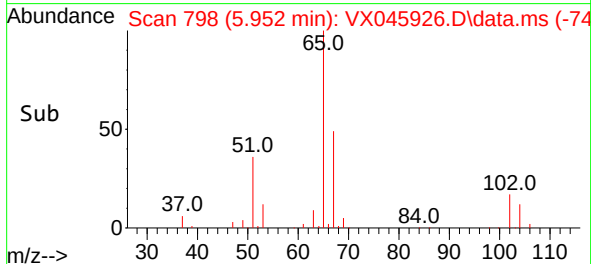
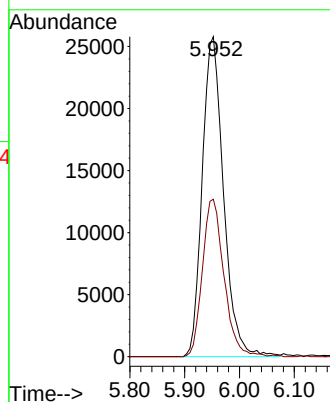
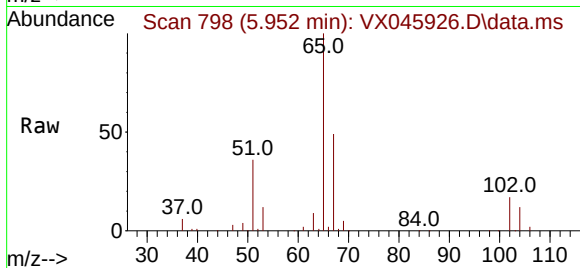
72-11977

Tgt Ion: 65 Resp: 69599

Ion Ratio Lower Upper

65 100

67 49.7 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: VX045926.D

Acq: 24 Apr 2025 14:47

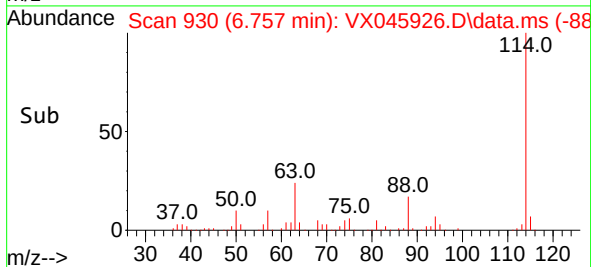
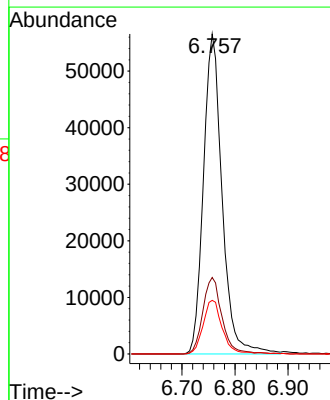
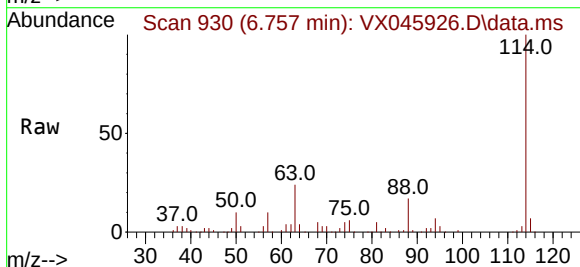
Tgt Ion: 114 Resp: 138229

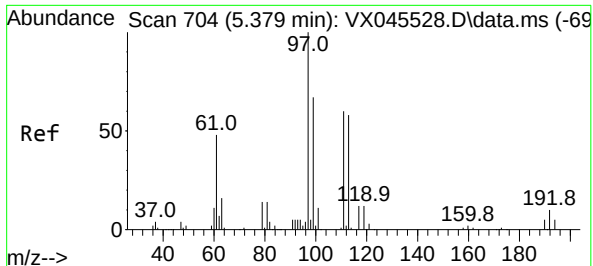
Ion Ratio Lower Upper

114 100

63 23.9 0.0 46.8

88 16.8 0.0 35.4

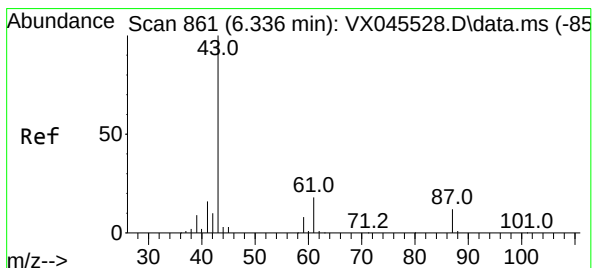
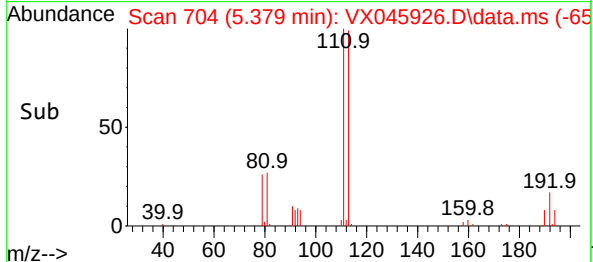
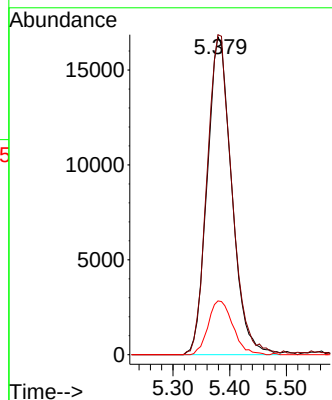
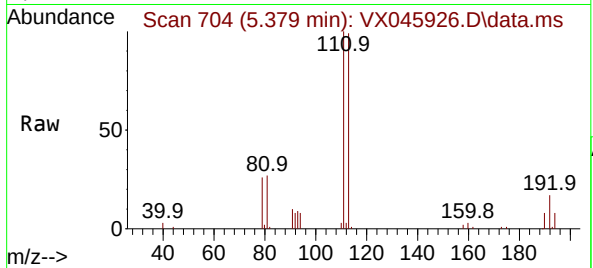




#35
Dibromofluoromethane
Concen: 51.268 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045926.D
Acq: 24 Apr 2025 14:47

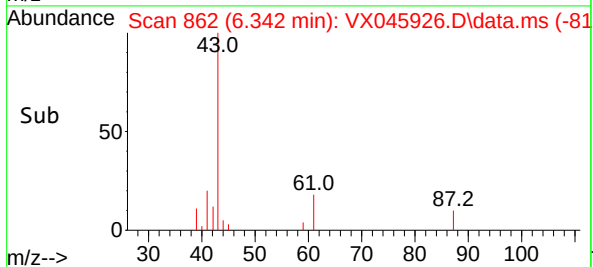
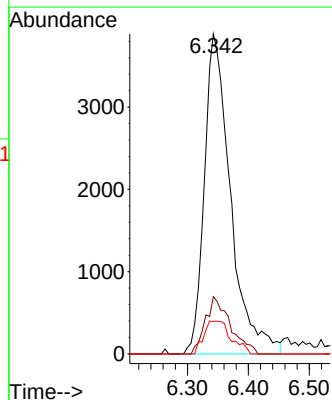
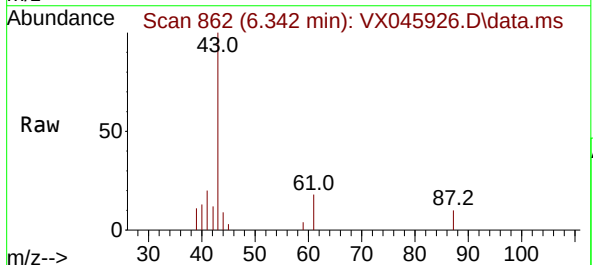
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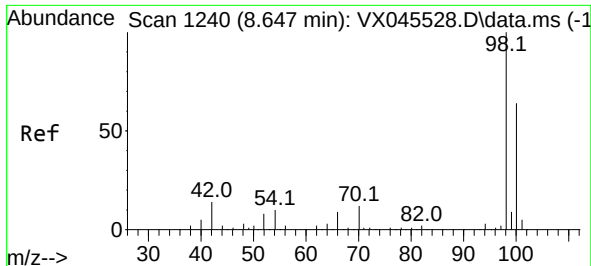
Tgt Ion:113 Resp: 50280
Ion Ratio Lower Upper
113 100
111 101.8 81.8 122.6
192 17.0 13.8 20.6



#43
Isopropyl Acetate
Concen: 4.591 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.006 min
Lab File: VX045926.D
Acq: 24 Apr 2025 14:47

Tgt Ion: 43 Resp: 11612
Ion Ratio Lower Upper
43 100
61 17.1 14.1 21.1
87 10.6 9.2 13.8

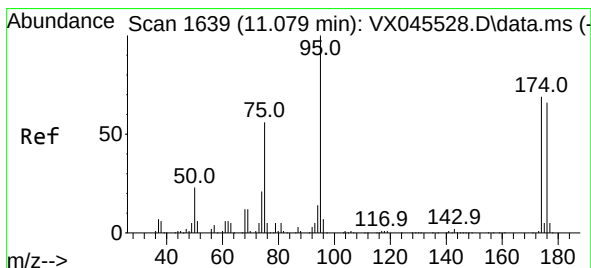
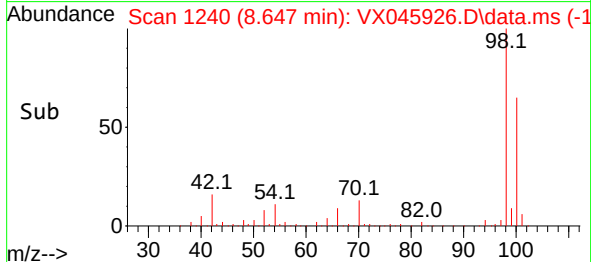
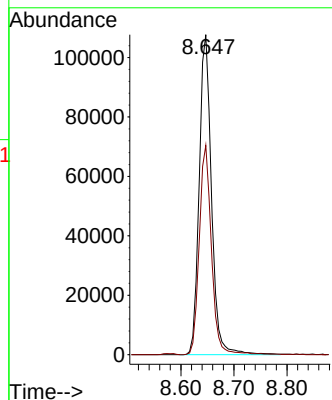
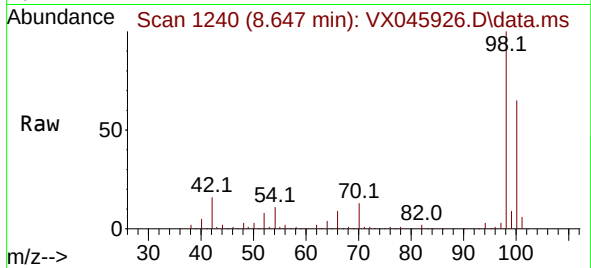




#50
Toluene-d8
Concen: 50.767 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045926.D
Acq: 24 Apr 2025 14:47

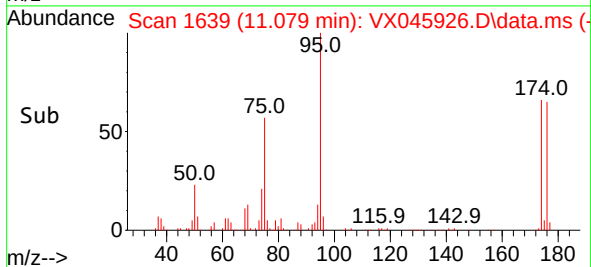
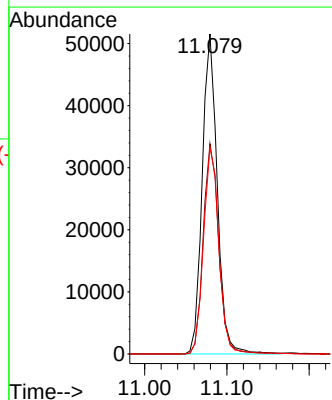
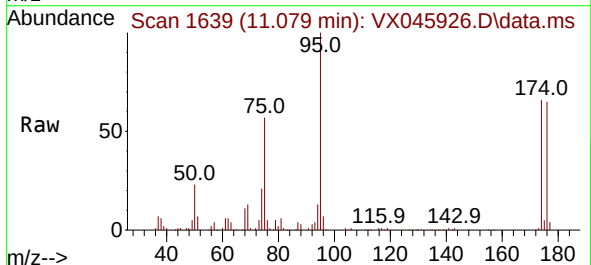
Instrument :
MSVOA_X
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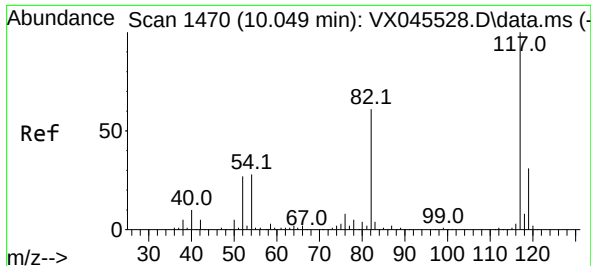
Tgt Ion: 98 Resp: 173783
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 52.565 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045926.D
Acq: 24 Apr 2025 14:47

Tgt Ion: 95 Resp: 65543
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 66.0 0.0 131.4

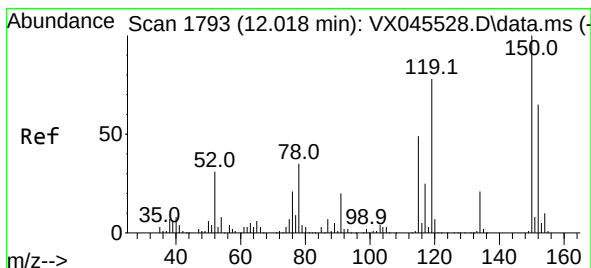
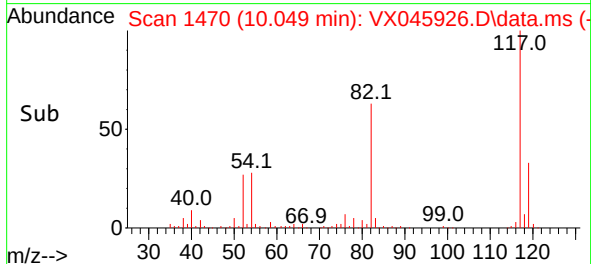
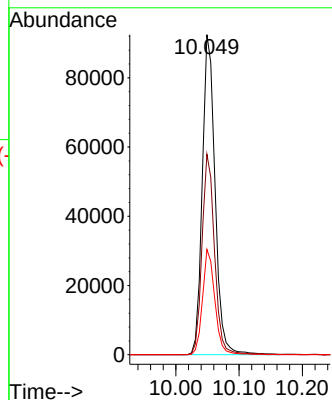
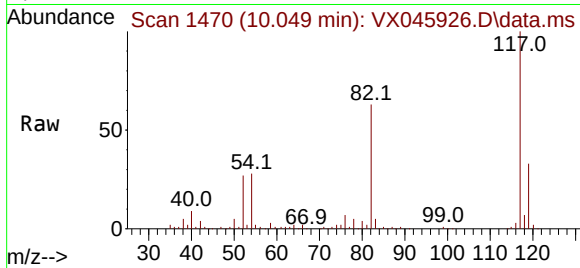




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045926.D
Acq: 24 Apr 2025 14:47

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 130387
Ion Ratio Lower Upper
117 100
82 62.6 49.2 73.8
119 32.9 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045926.D
Acq: 24 Apr 2025 14:47

Tgt Ion:152 Resp: 56639
Ion Ratio Lower Upper
152 100
115 64.0 46.9 140.7
150 155.1 0.0 349.4

