

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022425\
 Data File : VN085840.D
 Acq On : 24 Feb 2025 16:26
 Operator : JC\MD
 Sample : Q1405-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-26-021825

Quant Time: Feb 25 01:56:59 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

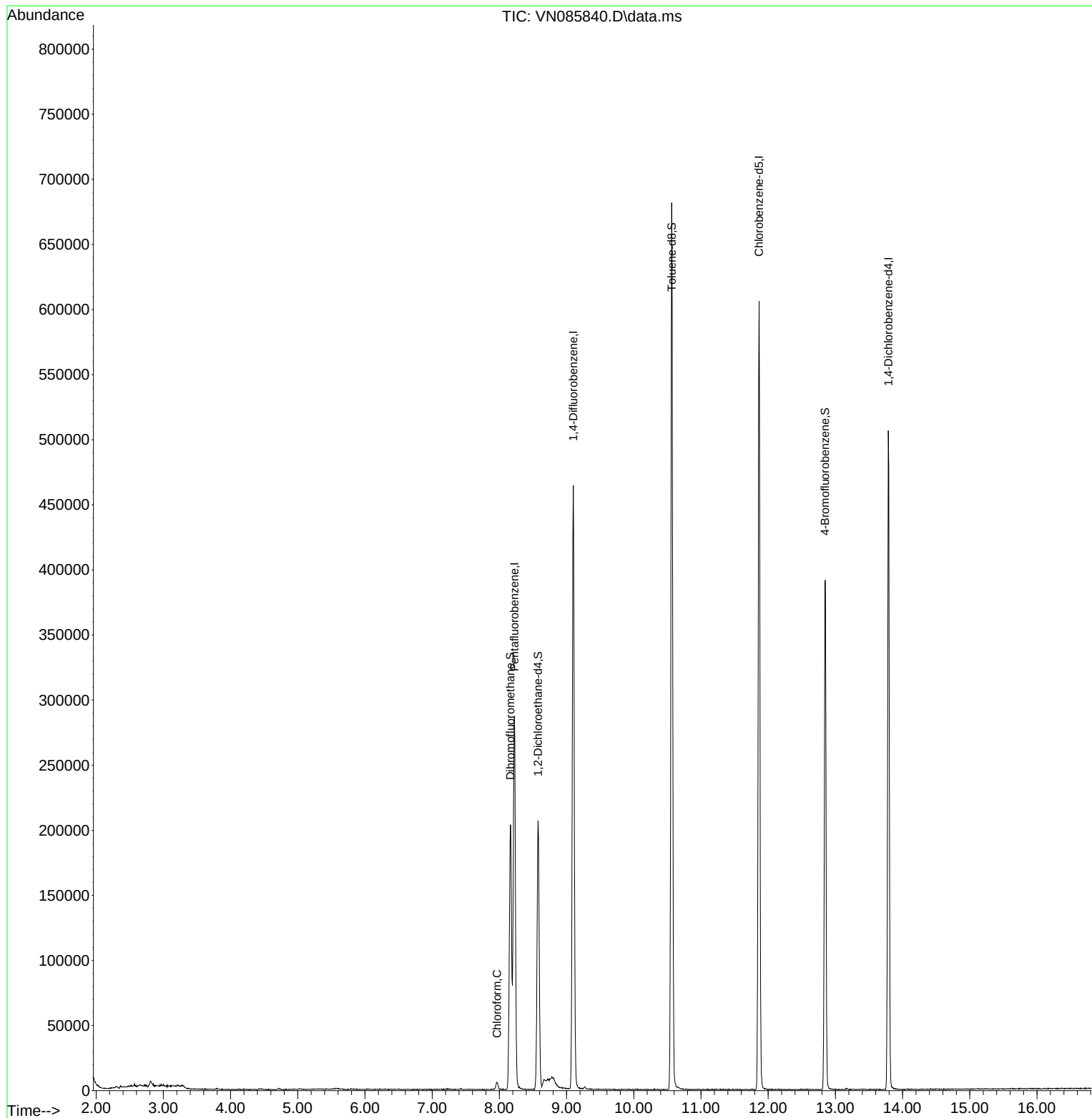
Internal Standards						
1) Pentafluorobenzene	8.224	168	210306	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	401411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	356777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	169648	62.221	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 124.440%	
35) Dibromofluoromethane	8.165	113	149253	56.823	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.640%	
50) Toluene-d8	10.565	98	477627	49.979	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.960%	
62) 4-Bromofluorobenzene	12.847	95	139899	44.431	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 88.860%	
Target Compounds						
					Qvalue	
30) Chloroform	7.965	83	5972	1.229	ug/l	98

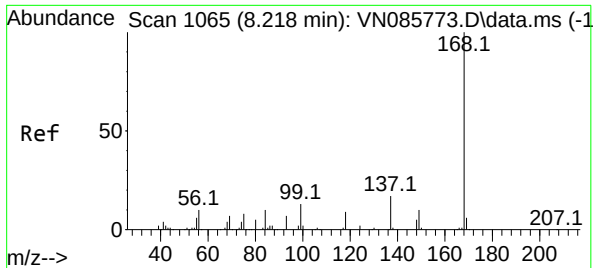
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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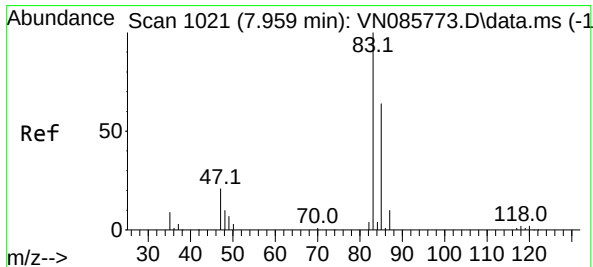
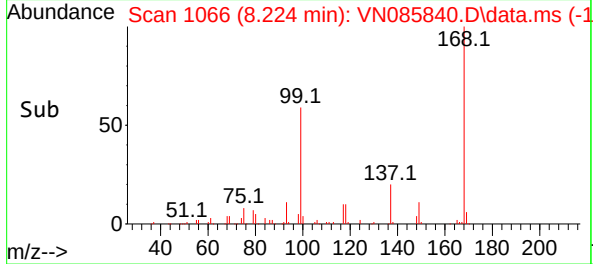
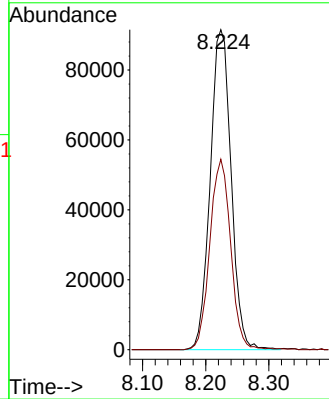
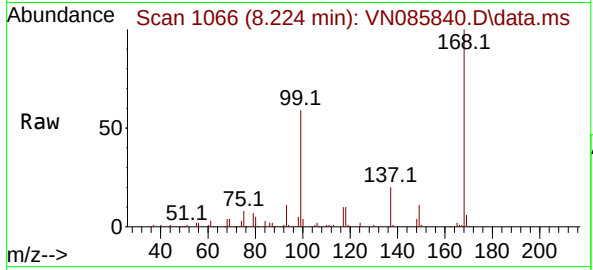




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085840.D
Acq: 24 Feb 2025 16:26

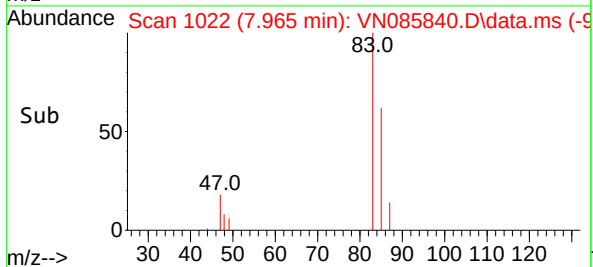
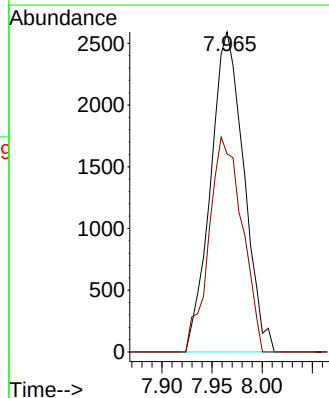
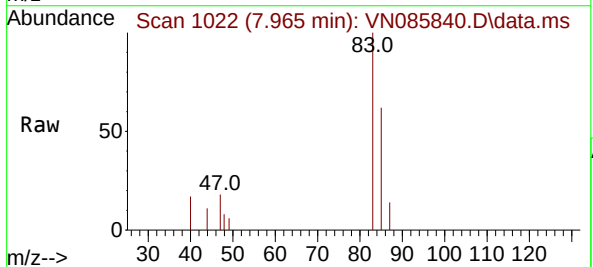
Instrument :
MSVOA_N
ClientSampleId :
MW-26-021825

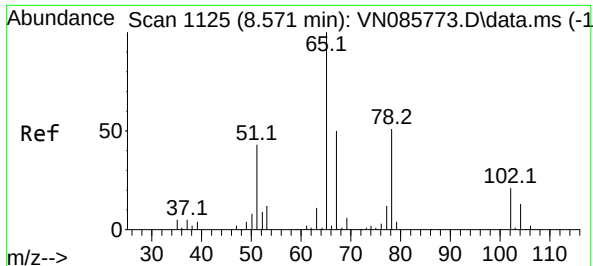
Tgt Ion:168 Resp: 210306
Ion Ratio Lower Upper
168 100
99 59.5 47.9 71.9



#30
Chloroform
Concen: 1.229 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085840.D
Acq: 24 Feb 2025 16:26

Tgt Ion: 83 Resp: 5972
Ion Ratio Lower Upper
83 100
85 61.9 50.9 76.3





#33

1,2-Dichloroethane-d4

Concen: 62.221 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085840.D

Acq: 24 Feb 2025 16:26

Instrument :

MSVOA_N

ClientSampleId :

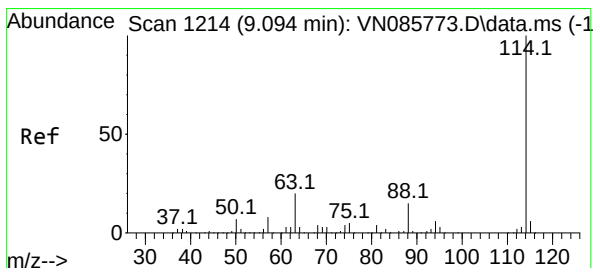
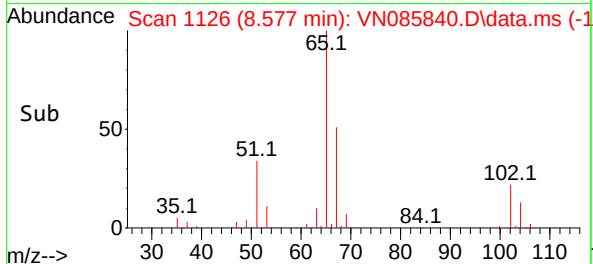
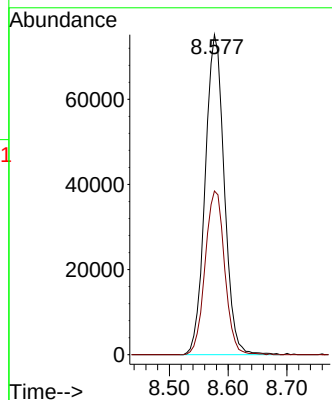
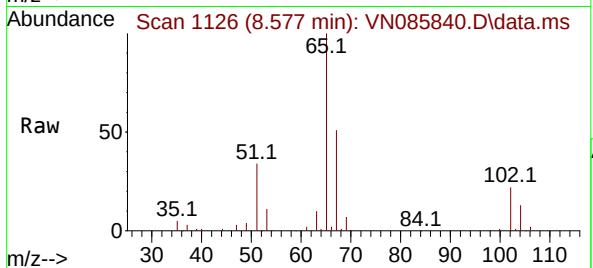
MW-26-021825

Tgt Ion: 65 Resp: 169648

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085840.D

Acq: 24 Feb 2025 16:26

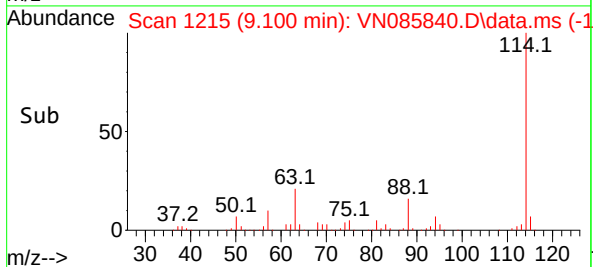
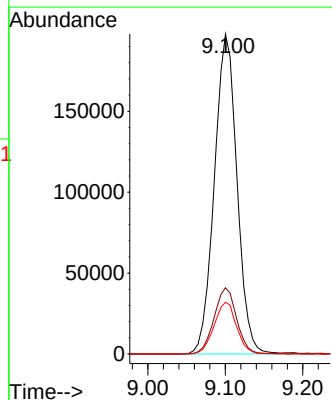
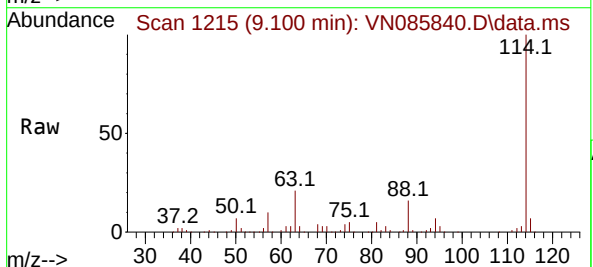
Tgt Ion: 114 Resp: 401411

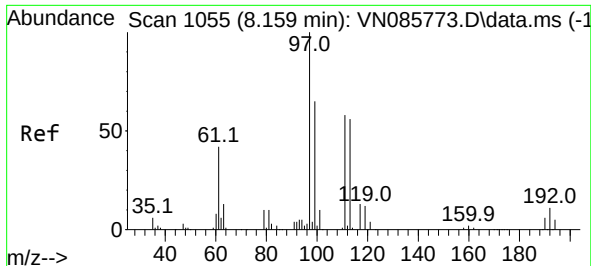
Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.2

88 16.2 0.0 30.0

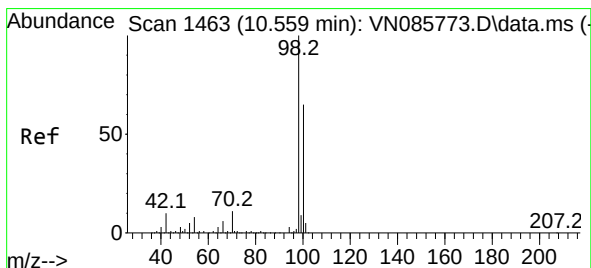
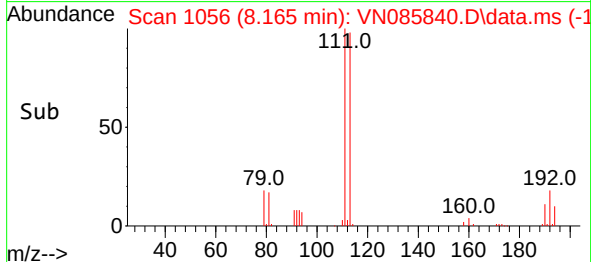
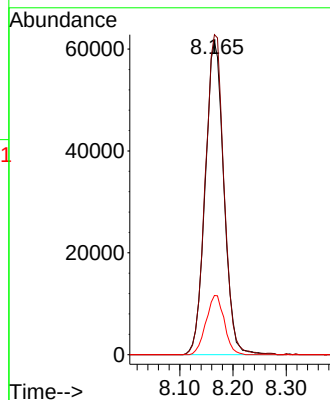
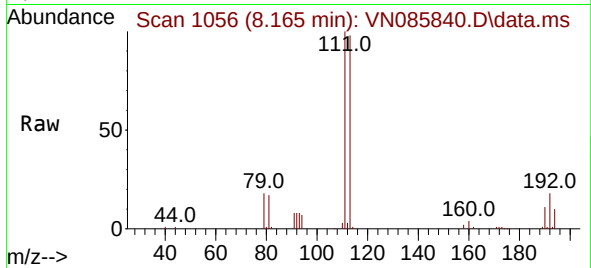




#35
Dibromofluoromethane
Concen: 56.823 ug/l
RT: 8.165 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN085840.D
Acq: 24 Feb 2025 16:26

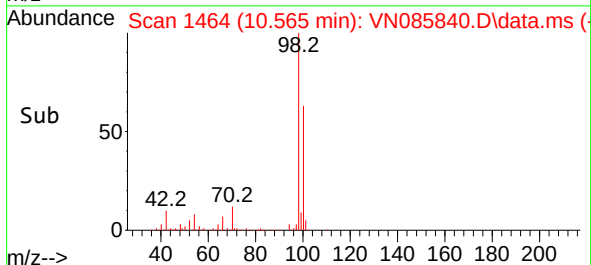
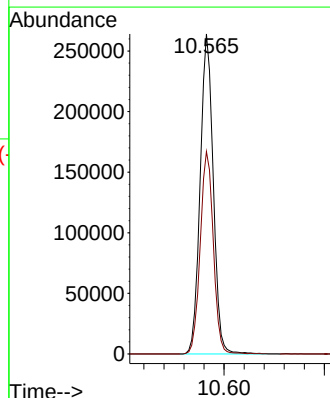
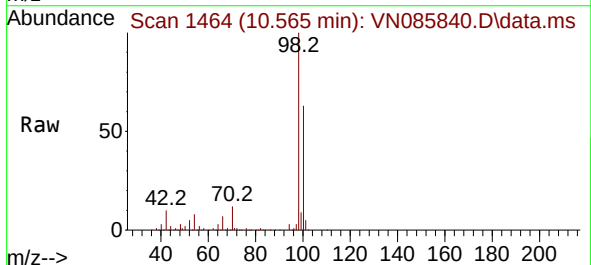
Instrument :
MSVOA_N
ClientSampleId :
MW-26-021825

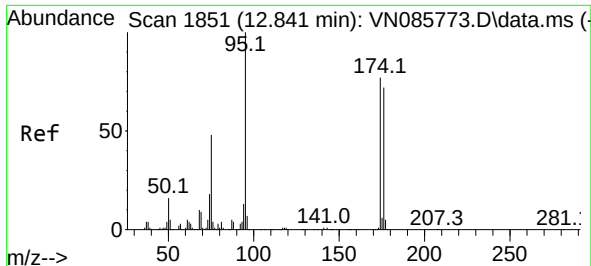
Tgt Ion:113 Resp: 149253
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.4
192 18.5 14.7 22.1



#50
Toluene-d8
Concen: 49.979 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN085840.D
Acq: 24 Feb 2025 16:26

Tgt Ion: 98 Resp: 477627
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1

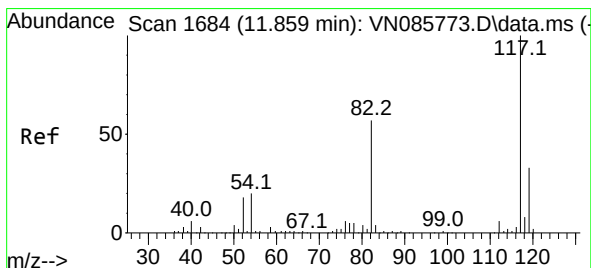
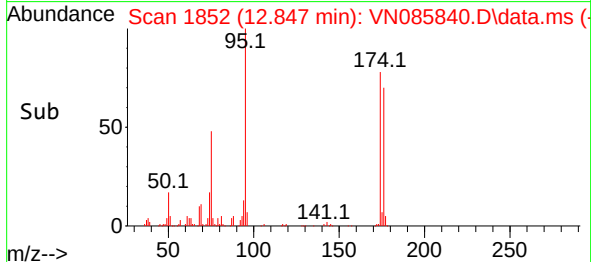
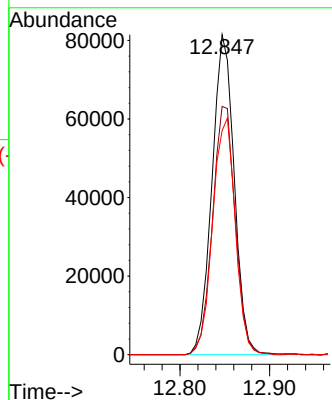
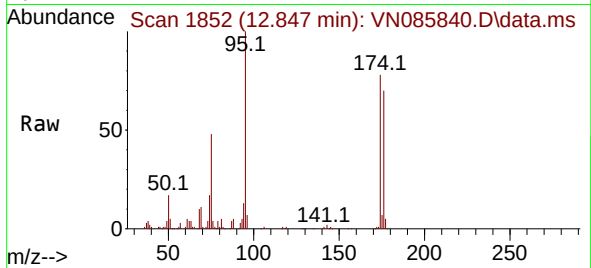




#62
4-Bromofluorobenzene
Concen: 44.431 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085840.D
Acq: 24 Feb 2025 16:26

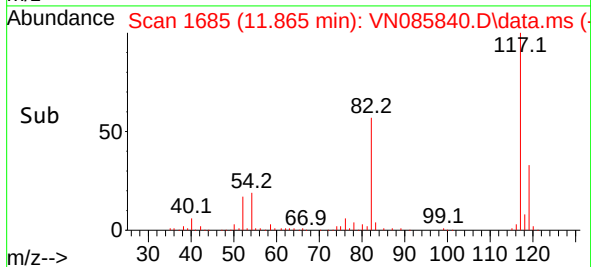
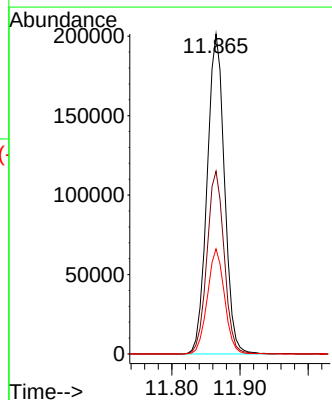
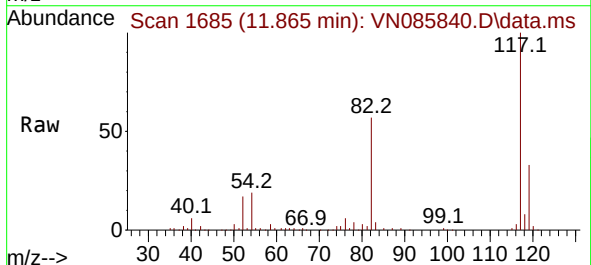
Instrument :
MSVOA_N
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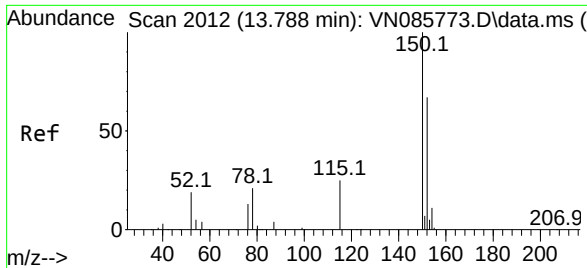
Tgt Ion: 95 Resp: 139899
Ion Ratio Lower Upper
95 100
174 79.8 0.0 152.4
176 75.2 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085840.D
Acq: 24 Feb 2025 16:26

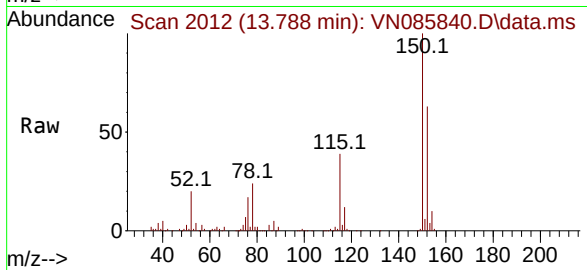
Tgt Ion: 117 Resp: 356777
Ion Ratio Lower Upper
117 100
82 57.1 45.7 68.5
119 32.8 26.2 39.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085840.D
 Acq: 24 Feb 2025 16:26

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-26-021825



Tgt Ion:152 Resp: 143476
 Ion Ratio Lower Upper
 152 100
 115 59.9 30.4 91.3
 150 156.7 0.0 345.4

