

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040125\
 Data File : VN086198.D
 Acq On : 01 Apr 2025 16:01
 Operator : JC\MD
 Sample : Q1690-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW112010

Quant Time: Apr 02 01:53:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

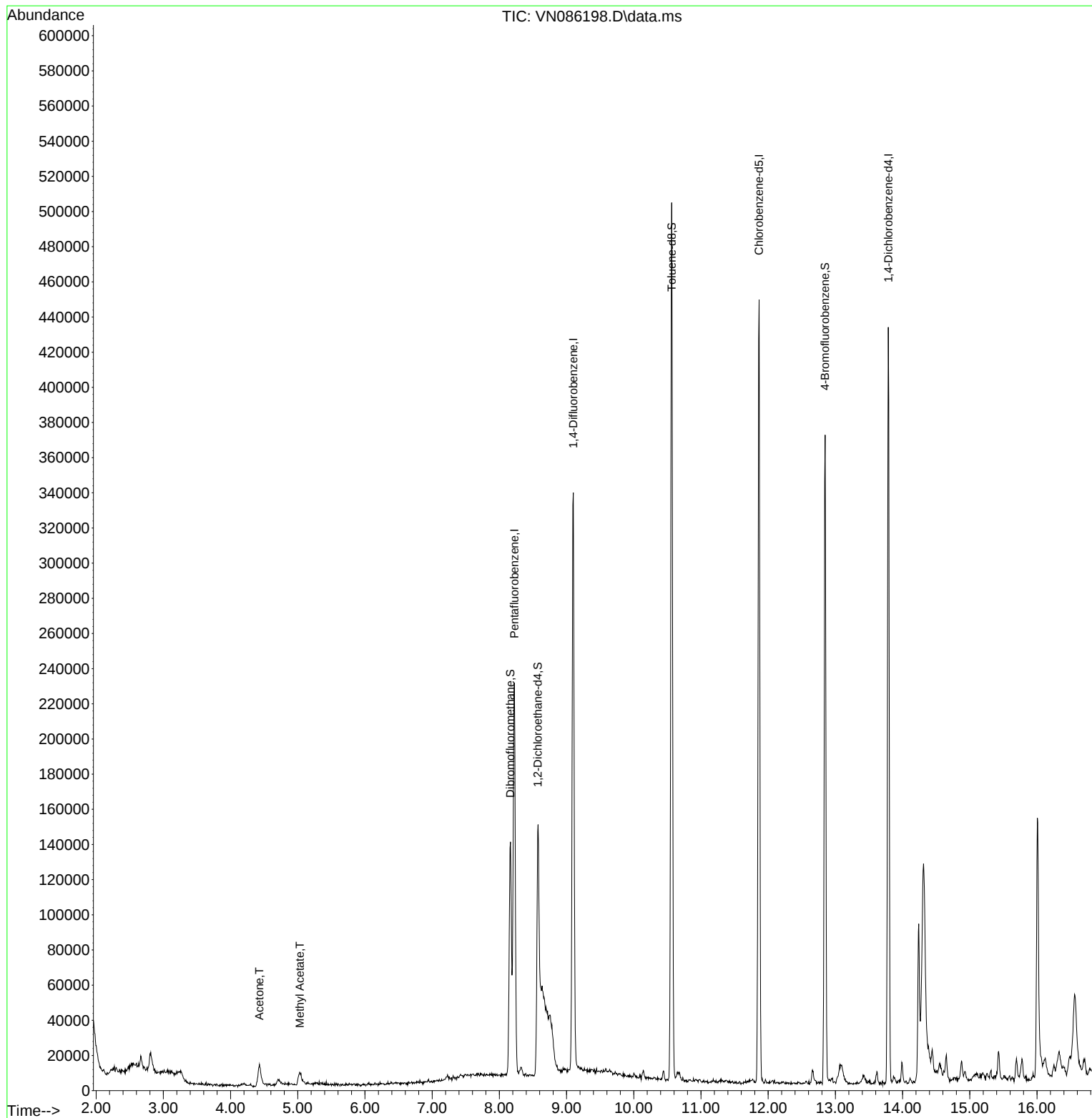
Internal Standards						
1) Pentafluorobenzene	8.224	168	155880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278463	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	256873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	123079	57.661	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.320%
35) Dibromofluoromethane	8.165	113	95606	49.189	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.380%
50) Toluene-d8	10.565	98	349170	49.499	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.000%
62) 4-Bromofluorobenzene	12.847	95	130215	51.761	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.520%
Target Compounds						
16) Acetone	4.430	43	23211	35.593	ug/l	98
18) Methyl Acetate	5.030	43	15706	9.734	ug/l	94

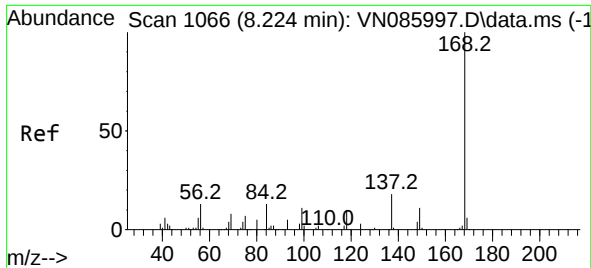
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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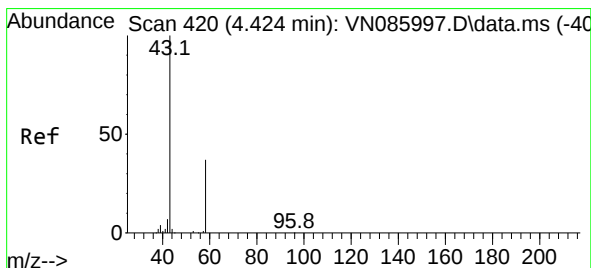
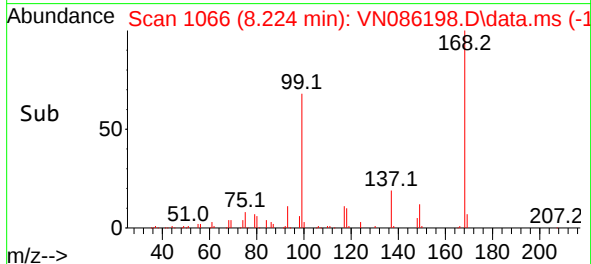
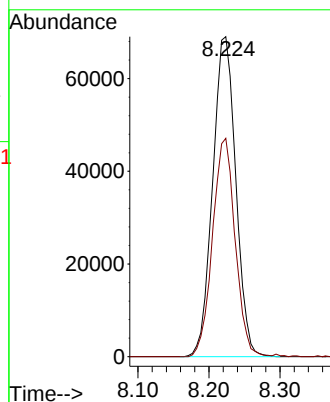
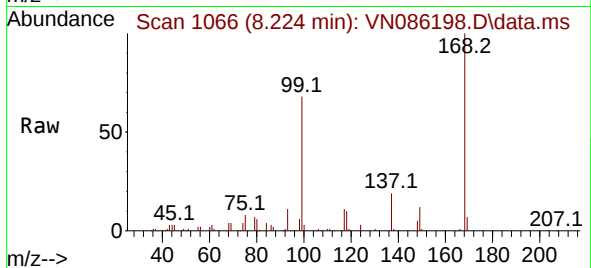




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086198.D
Acq: 01 Apr 2025 16:01

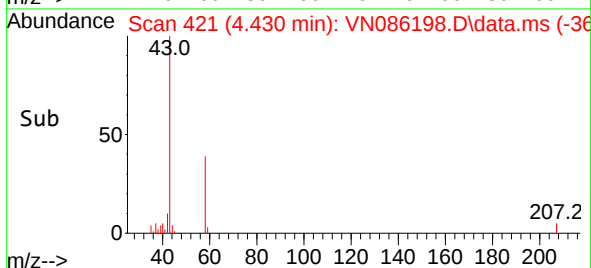
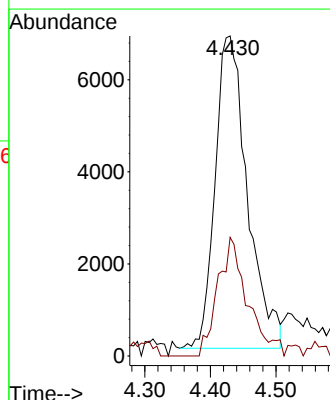
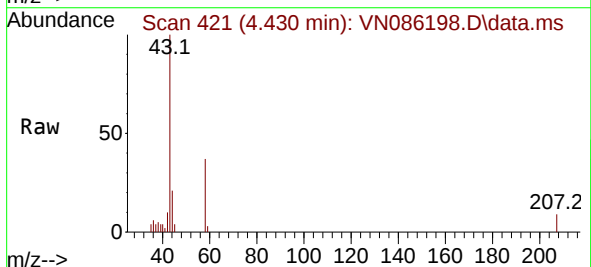
Instrument :
MSVOA_N
ClientSampleId :
MW112010

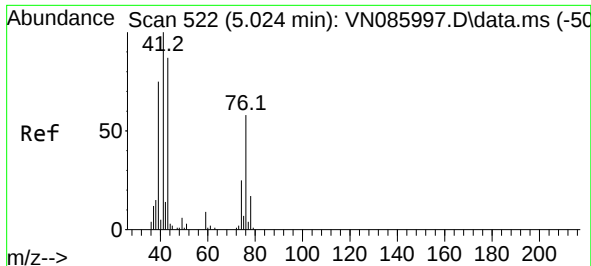
Tgt Ion:168 Resp: 155880
Ion Ratio Lower Upper
168 100
99 68.2 49.4 74.2



#16
Acetone
Concen: 35.593 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086198.D
Acq: 01 Apr 2025 16:01

Tgt Ion: 43 Resp: 23211
Ion Ratio Lower Upper
43 100
58 38.0 29.4 44.2

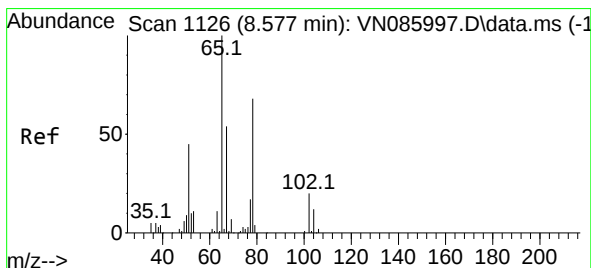
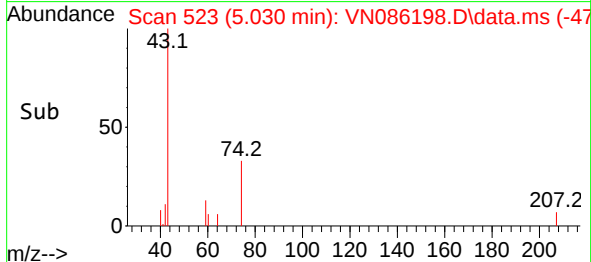
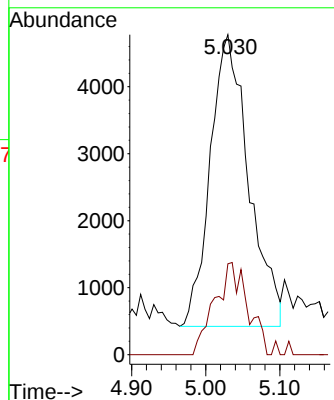
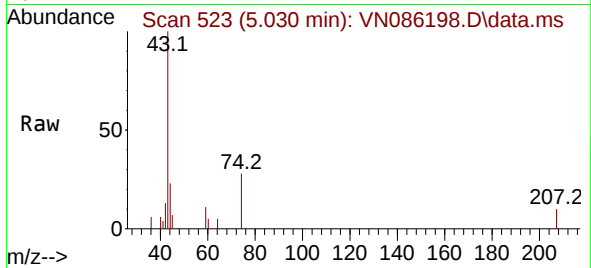




#18
Methyl Acetate
Concen: 9.734 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086198.D
Acq: 01 Apr 2025 16:01

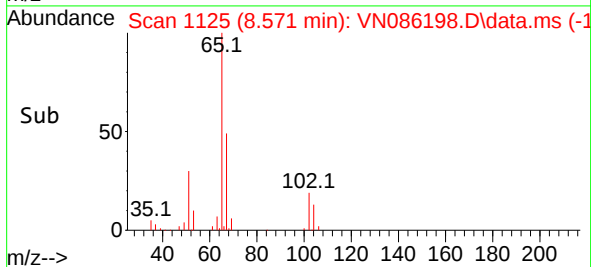
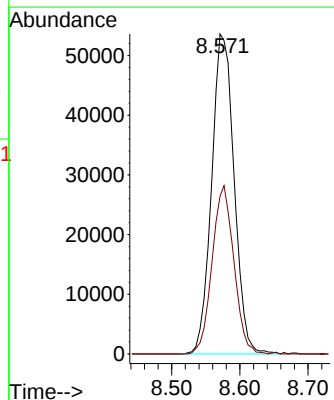
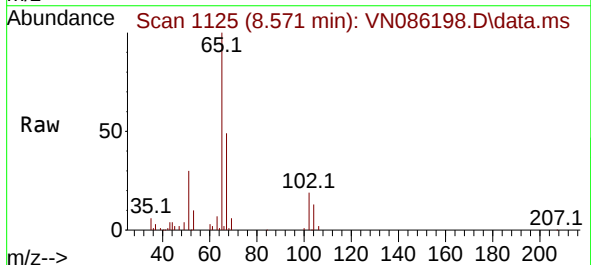
Instrument :
MSVOA_N
ClientSampleId :
MW112010

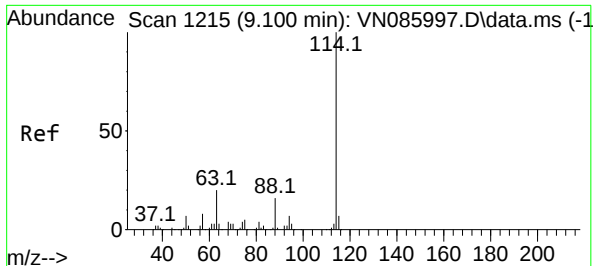
Tgt Ion: 43 Resp: 15706
Ion Ratio Lower Upper
43 100
74 26.9 23.9 35.9



#33
1,2-Dichloroethane-d4
Concen: 57.661 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN086198.D
Acq: 01 Apr 2025 16:01

Tgt Ion: 65 Resp: 123079
Ion Ratio Lower Upper
65 100
67 50.8 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086198.D

Acq: 01 Apr 2025 16:01

Instrument :

MSVOA_N

ClientSampleId :

MW112010

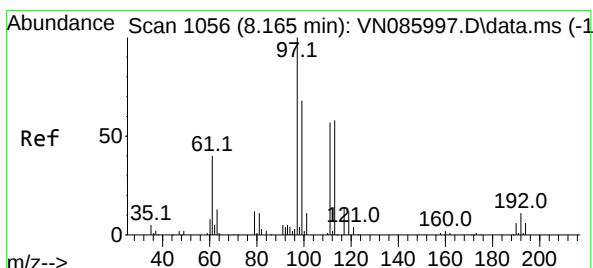
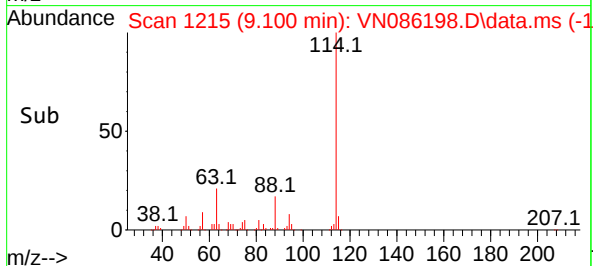
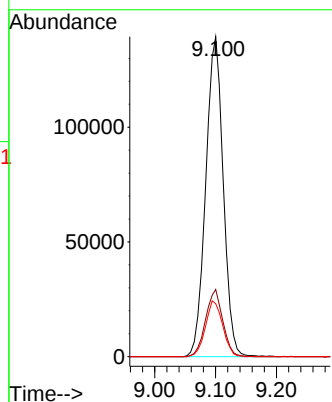
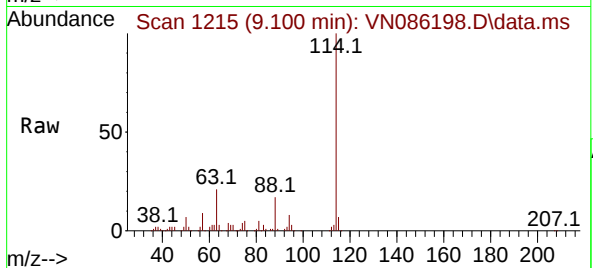
Tgt Ion:114 Resp: 278463

Ion Ratio Lower Upper

114 100

63 21.0 0.0 39.6

88 16.6 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.189 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086198.D

Acq: 01 Apr 2025 16:01

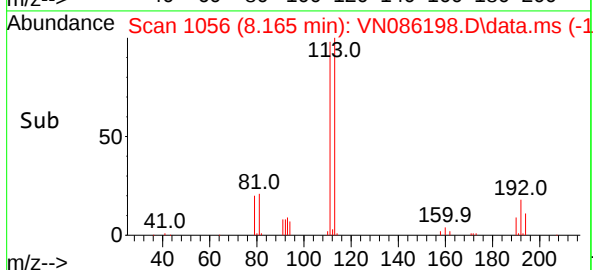
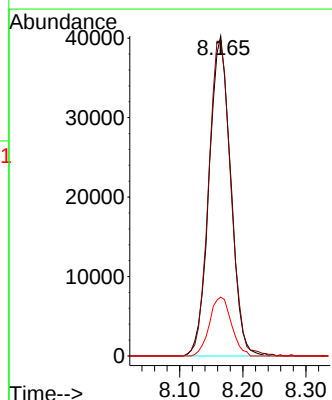
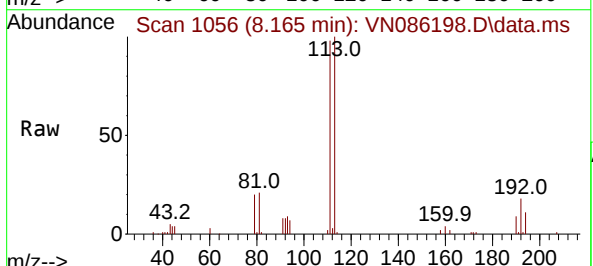
Tgt Ion:113 Resp: 95606

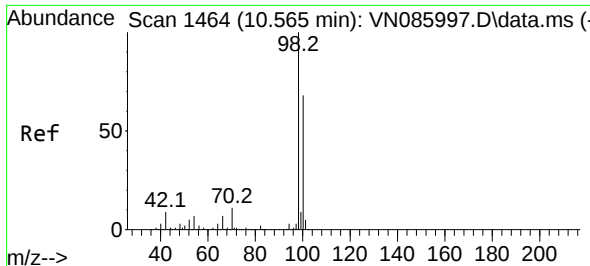
Ion Ratio Lower Upper

113 100

111 101.4 81.8 122.8

192 18.7 15.9 23.9

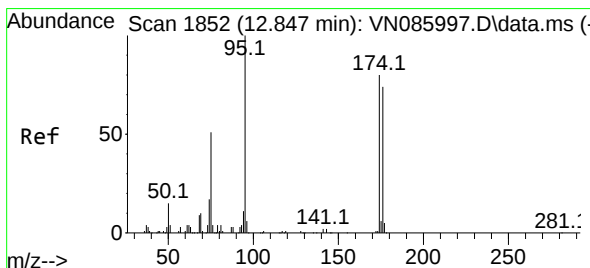
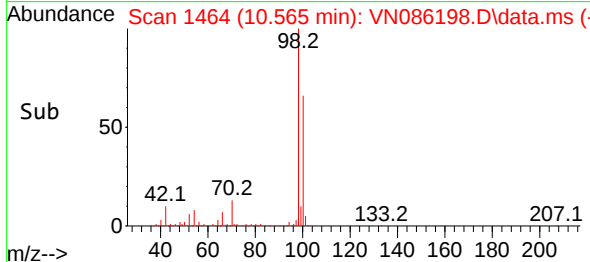
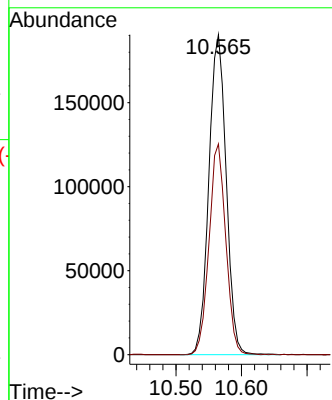
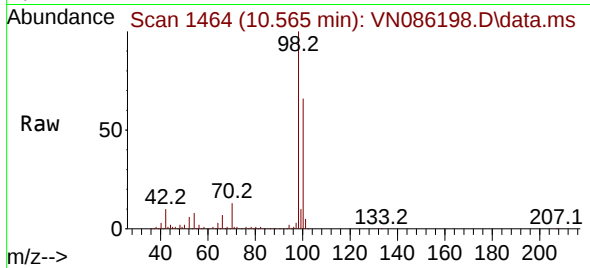




#50
Toluene-d8
Concen: 49.499 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086198.D
Acq: 01 Apr 2025 16:01

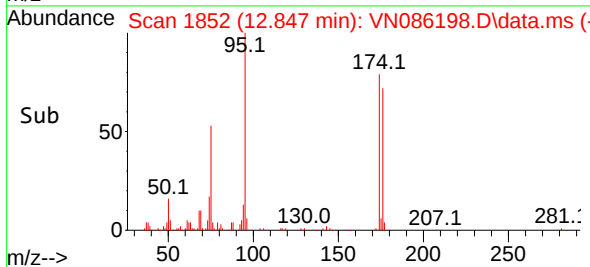
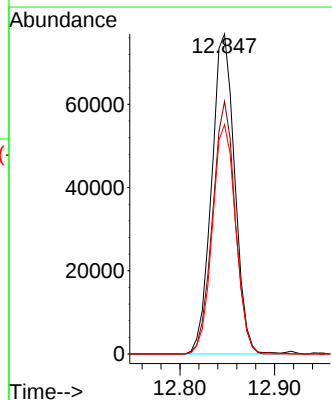
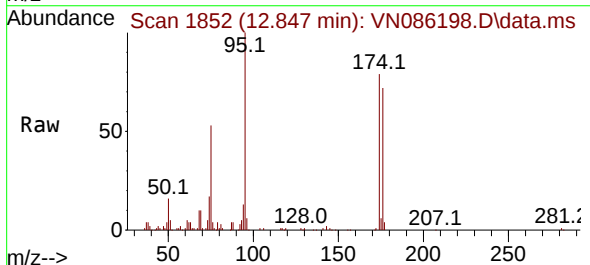
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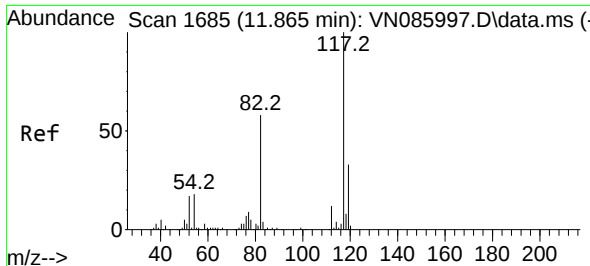
Tgt Ion: 98 Resp: 349170
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 51.761 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086198.D
Acq: 01 Apr 2025 16:01

Tgt Ion: 95 Resp: 130215
Ion Ratio Lower Upper
95 100
174 77.6 0.0 156.8
176 72.4 0.0 152.2

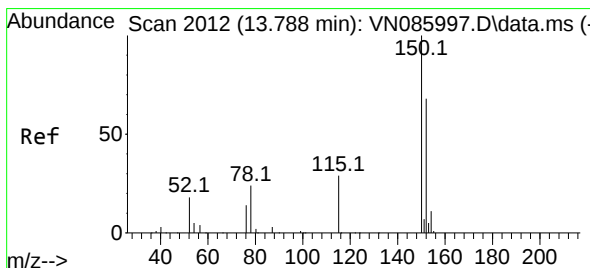
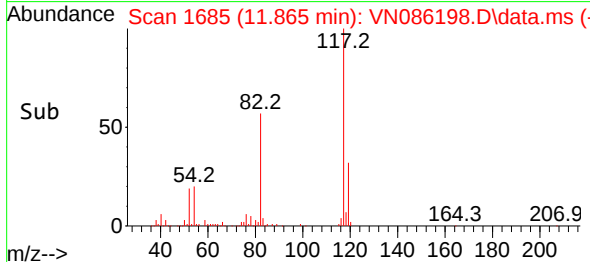
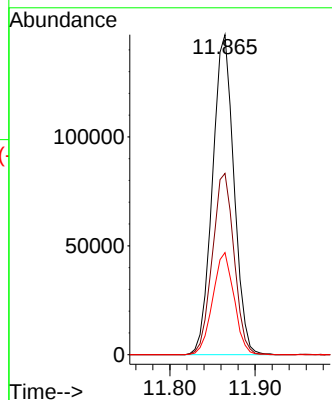
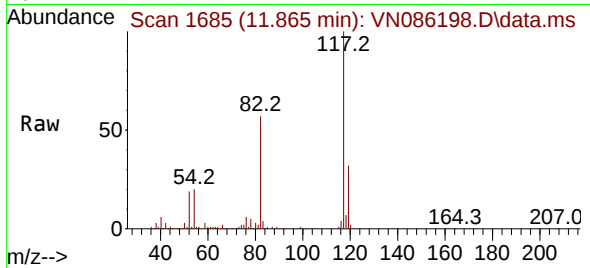




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086198.D
Acq: 01 Apr 2025 16:01

Instrument :
MSVOA_N
ClientSampleId :
MW112010

Tgt Ion:117 Resp: 256873
Ion Ratio Lower Upper
117 100
82 56.7 46.7 70.1
119 31.9 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086198.D
Acq: 01 Apr 2025 16:01

Tgt Ion:152 Resp: 118313
Ion Ratio Lower Upper
152 100
115 63.9 31.1 93.2
150 155.3 0.0 359.6

