

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086087.D
 Acq On : 24 Mar 2025 21:14
 Operator : JC\MD
 Sample : Q1622-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW3

Quant Time: Mar 25 01:33:08 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)

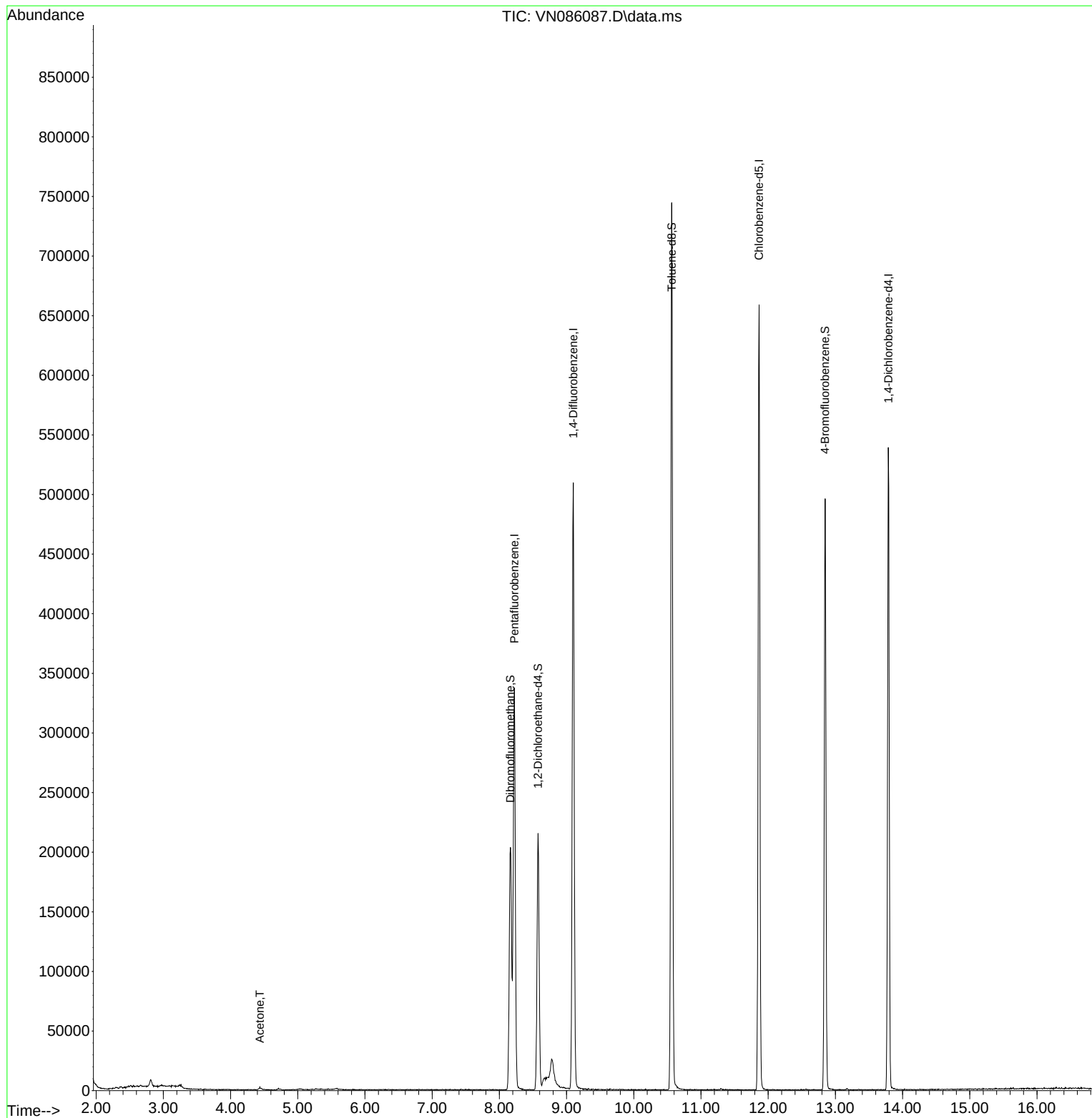
Internal Standards						
1) Pentafluorobenzene	8.224	168	243235	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	452406	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	398702	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	157433	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	173567	52.111	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.220%
35) Dibromofluoromethane	8.165	113	153852	48.722	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.440%
50) Toluene-d8	10.565	98	532835	46.494	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.980%
62) 4-Bromofluorobenzene	12.847	95	177536	43.438	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	86.880%
Target Compounds						
16) Acetone	4.436	43	3370	3.312	ug/l	Qvalue 92

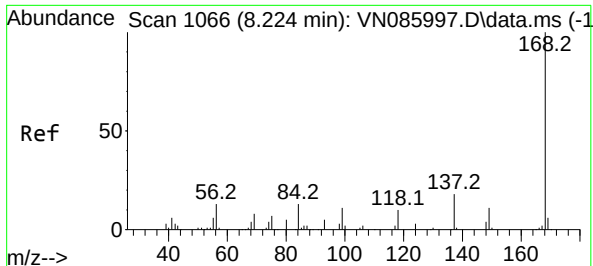
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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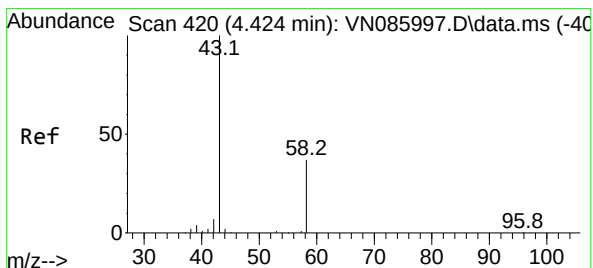
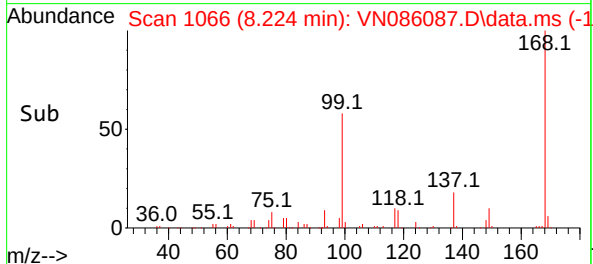
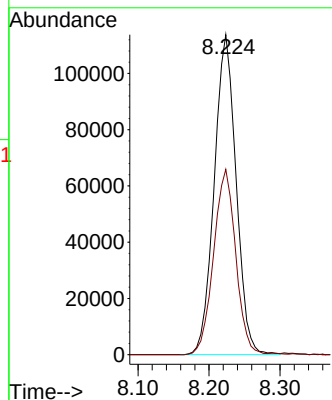
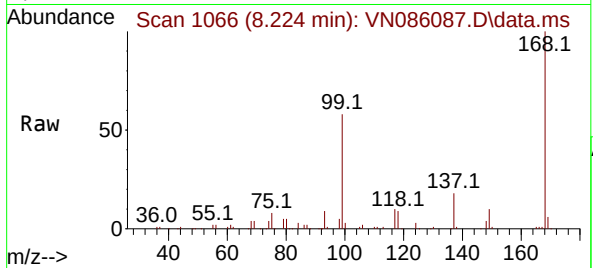




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086087.D
Acq: 24 Mar 2025 21:14

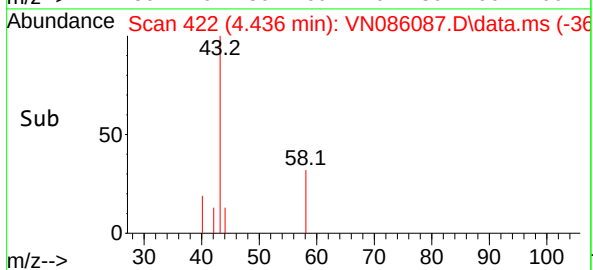
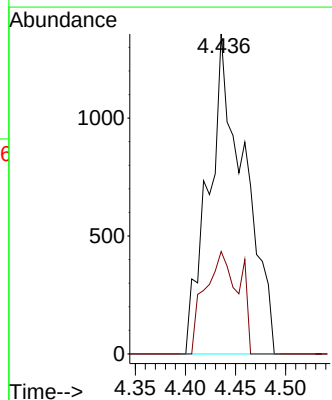
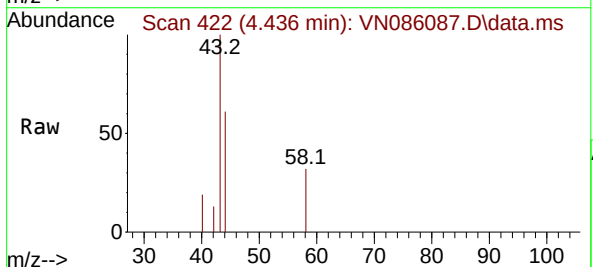
Instrument :
MSVOA_N
ClientSampleId :
MW3

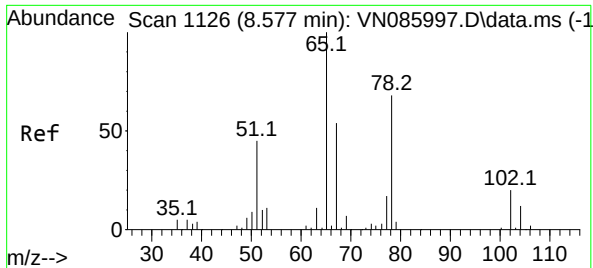
Tgt Ion:168 Resp: 243235
Ion Ratio Lower Upper
168 100
99 57.9 49.4 74.2



#16
Acetone
Concen: 3.312 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086087.D
Acq: 24 Mar 2025 21:14

Tgt Ion: 43 Resp: 3370
Ion Ratio Lower Upper
43 100
58 32.0 29.4 44.2

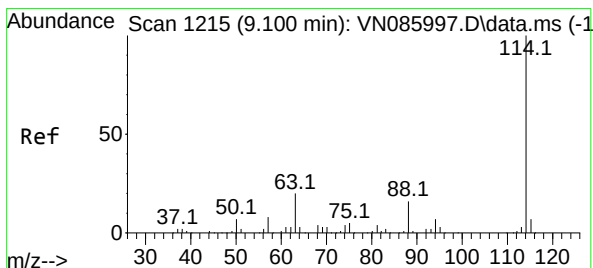
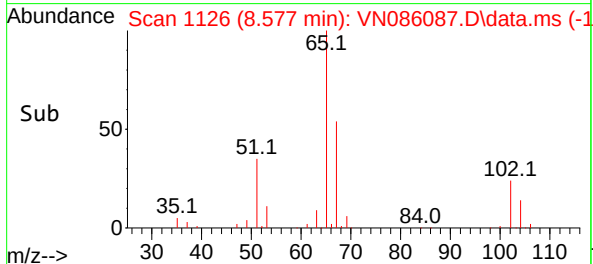
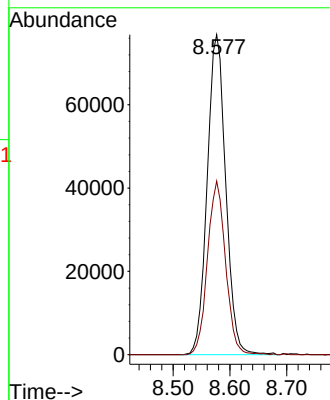
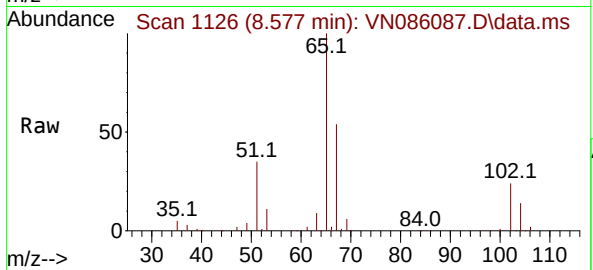




#33
 1,2-Dichloroethane-d4
 Concen: 52.111 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086087.D
 Acq: 24 Mar 2025 21:14

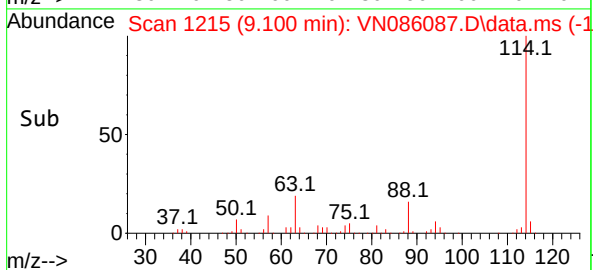
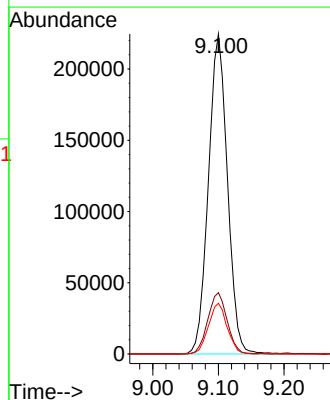
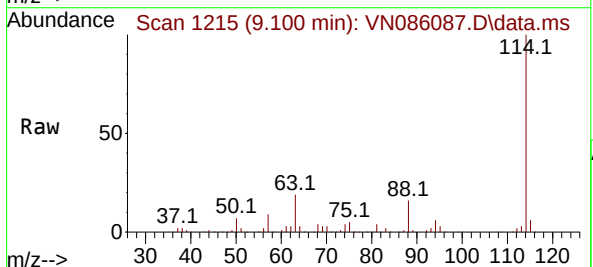
Instrument :
 MSVOA_N
 ClientSampleId :
 MW3

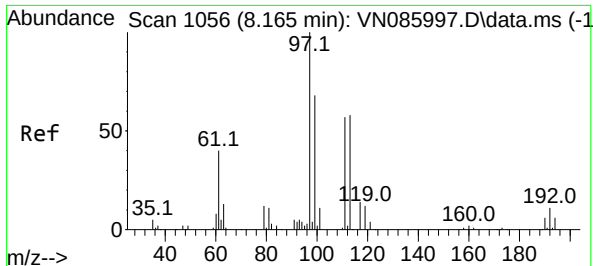
Tgt Ion: 65 Resp: 173567
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN086087.D
 Acq: 24 Mar 2025 21:14

Tgt Ion: 114 Resp: 452406
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.6
 88 15.9 0.0 32.6

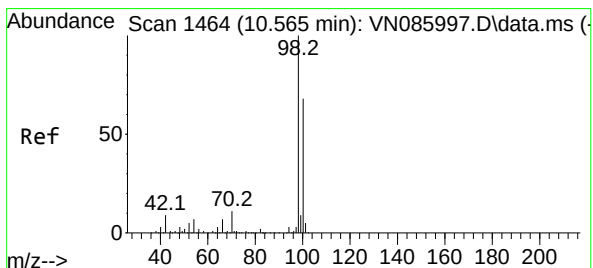
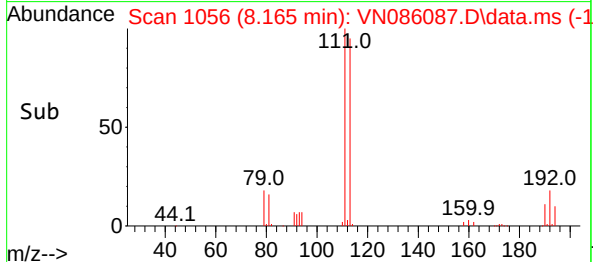
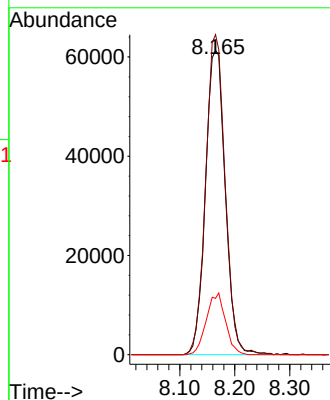
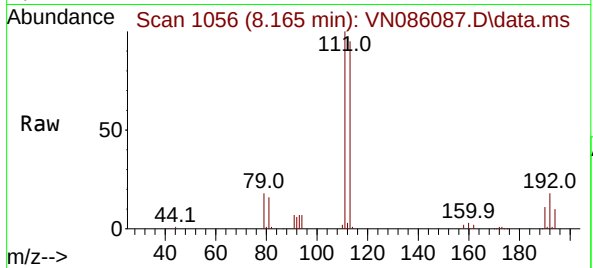




#35
Dibromofluoromethane
Concen: 48.722 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086087.D
Acq: 24 Mar 2025 21:14

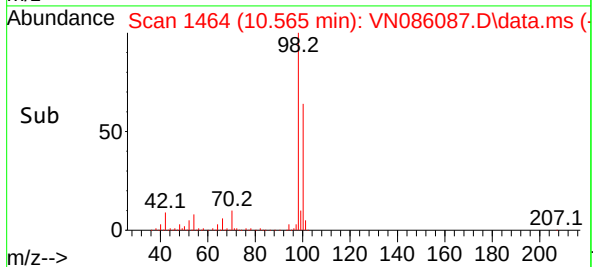
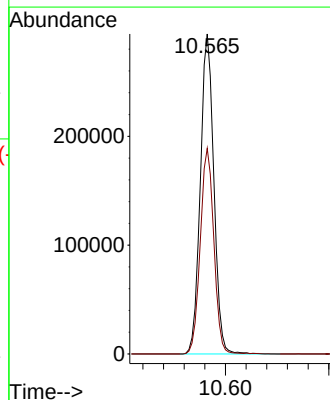
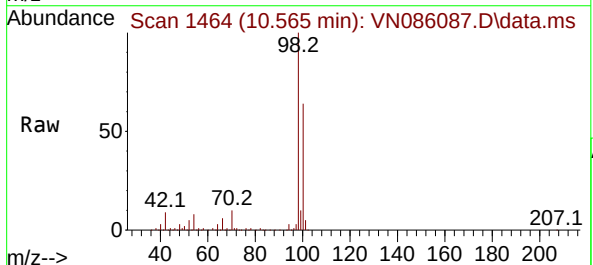
Instrument :
MSVOA_N
ClientSampleId :
MW3

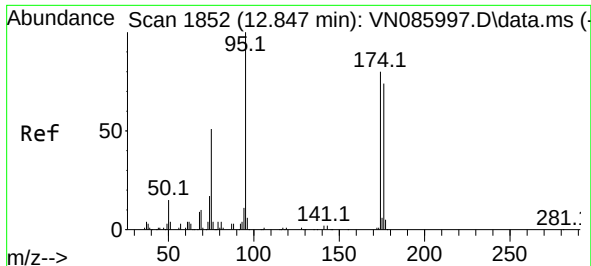
Tgt Ion:113 Resp: 153852
Ion Ratio Lower Upper
113 100
111 102.8 81.8 122.8
192 19.6 15.9 23.9



#50
Toluene-d8
Concen: 46.494 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086087.D
Acq: 24 Mar 2025 21:14

Tgt Ion: 98 Resp: 532835
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7

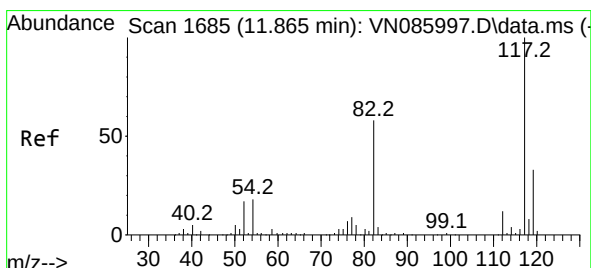
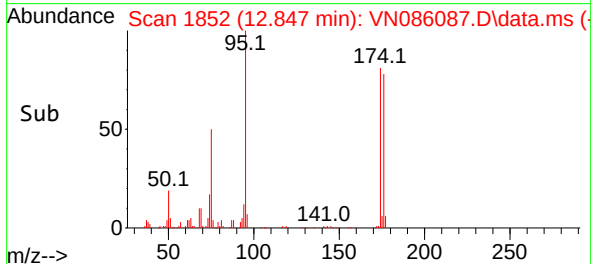
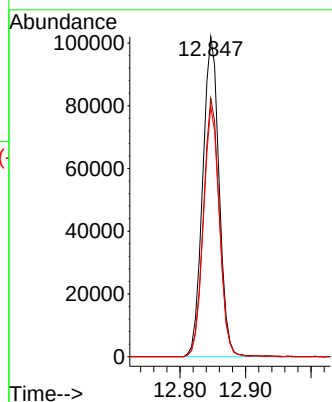
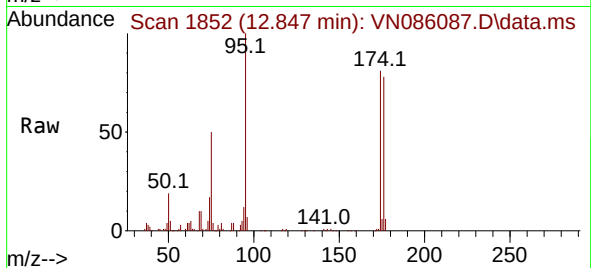




#62
4-Bromofluorobenzene
Concen: 43.438 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086087.D
Acq: 24 Mar 2025 21:14

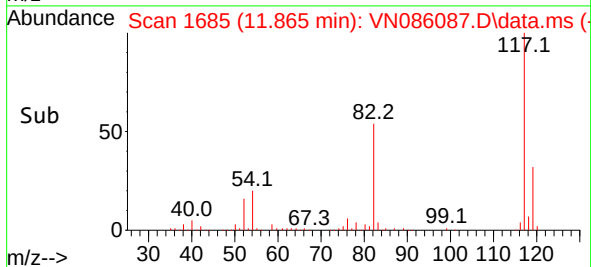
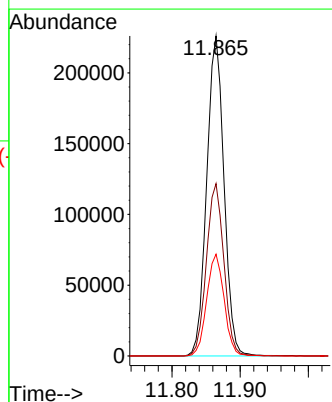
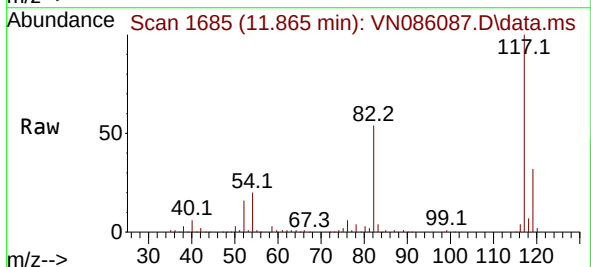
Instrument :
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ClientSampleId :
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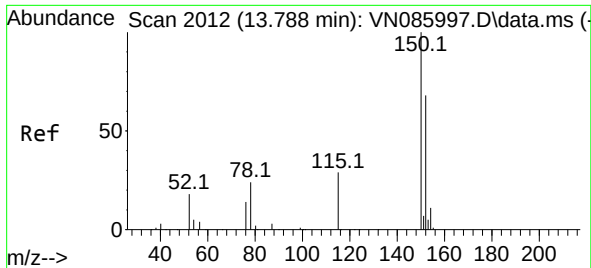
Tgt Ion: 95 Resp: 177536
Ion Ratio Lower Upper
95 100
174 78.7 0.0 156.8
176 76.4 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086087.D
Acq: 24 Mar 2025 21:14

Tgt Ion: 117 Resp: 398702
Ion Ratio Lower Upper
117 100
82 53.9 46.7 70.1
119 31.8 26.5 39.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN086087.D

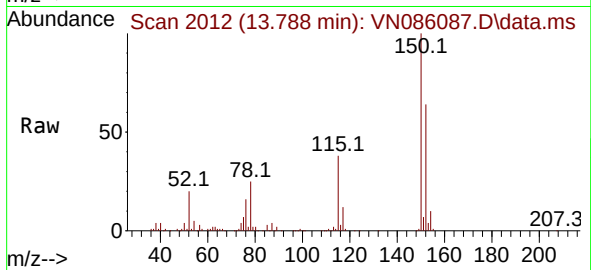
Acq: 24 Mar 2025 21:14

Instrument :

MSVOA_N

ClientSampleId :

MW3



Tgt Ion:152 Resp: 157433

Ion Ratio Lower Upper

152 100

115 59.7 31.1 93.2

150 155.6 0.0 359.6

