

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032025\
 Data File : VN086030.D
 Acq On : 20 Mar 2025 17:33
 Operator : JC\MD
 Sample : Q1575-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW7

Quant Time: Mar 21 02:47:23 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)

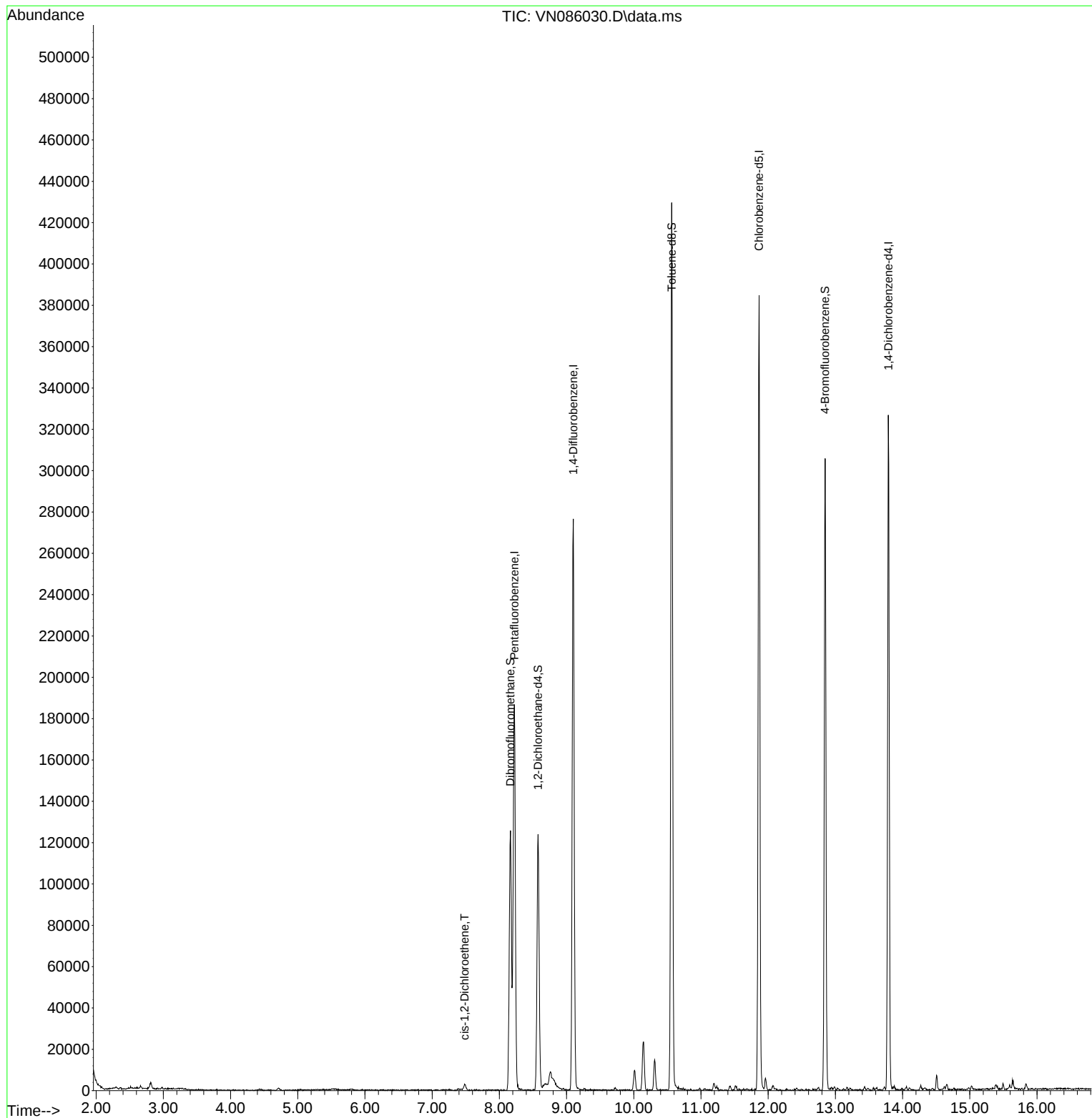
Internal Standards						
1) Pentafluorobenzene	8.224	168	138616	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	242981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226759	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	92285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104495	55.052	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.100%
35) Dibromofluoromethane	8.165	113	89735	52.911	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.820%
50) Toluene-d8	10.565	98	306504	49.796	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.600%
62) 4-Bromofluorobenzene	12.847	95	110086	50.150	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.300%
Target Compounds						
27) cis-1,2-Dichloroethene	7.483	96	1966	1.115	ug/l	Qvalue 87

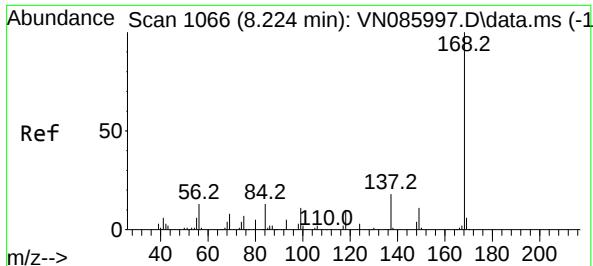
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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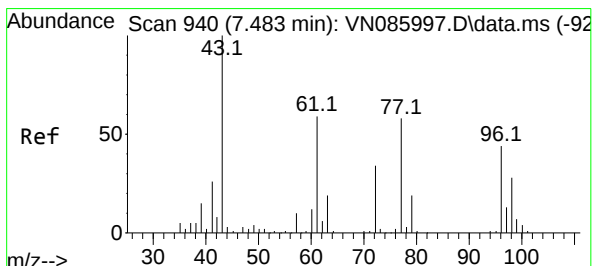
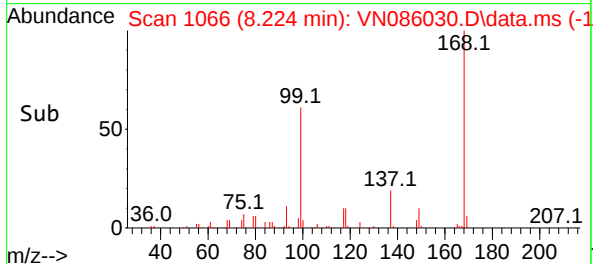
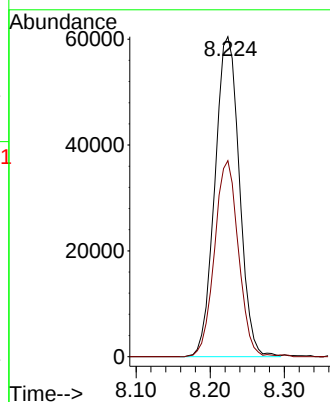
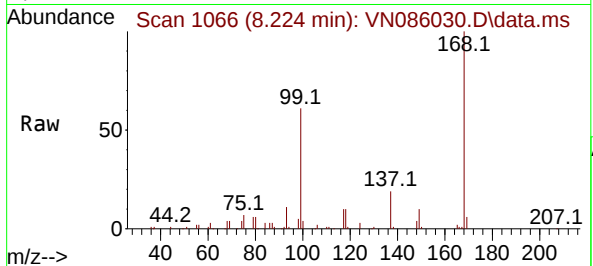




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086030.D
Acq: 20 Mar 2025 17:33

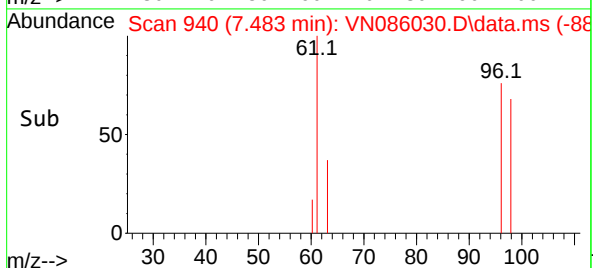
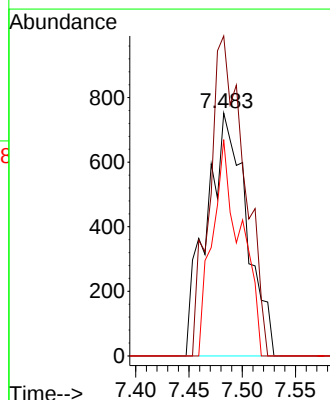
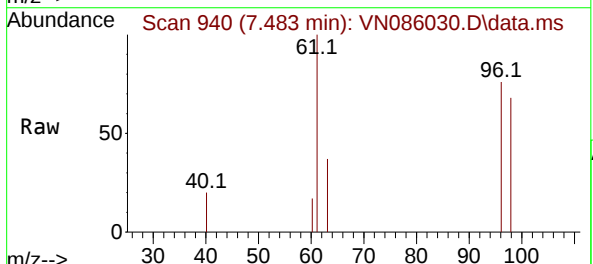
Instrument :
MSVOA_N
ClientSampleId :
MW7

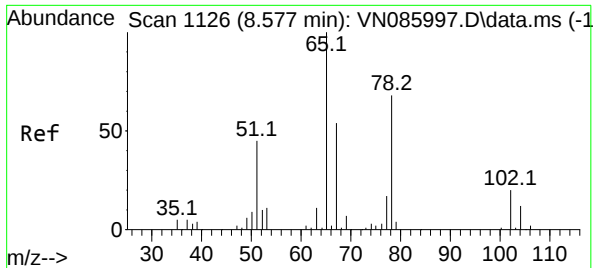
Tgt Ion:168 Resp: 138616
Ion Ratio Lower Upper
168 100
99 61.3 49.4 74.2



#27
cis-1,2-Dichloroethene
Concen: 1.115 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086030.D
Acq: 20 Mar 2025 17:33

Tgt Ion: 96 Resp: 1966
Ion Ratio Lower Upper
96 100
61 114.4 0.0 272.8
98 63.5 0.0 124.8





#33

1,2-Dichloroethane-d4

Concen: 55.052 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086030.D

Acq: 20 Mar 2025 17:33

Instrument :

MSVOA_N

ClientSampleId :

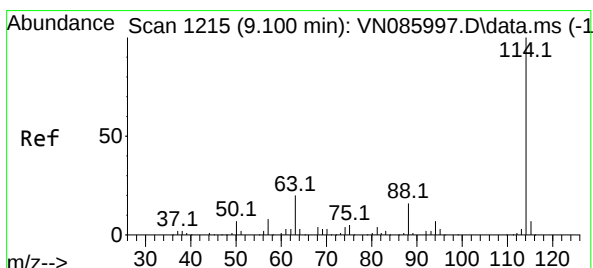
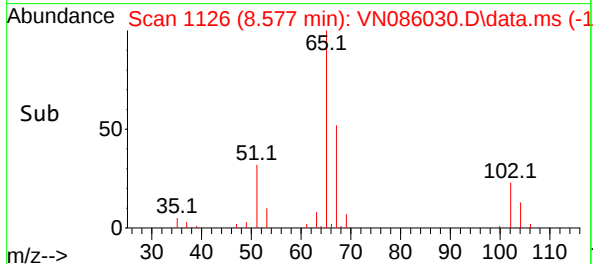
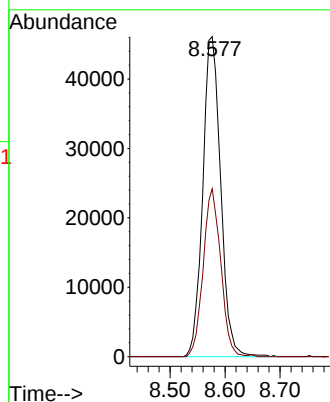
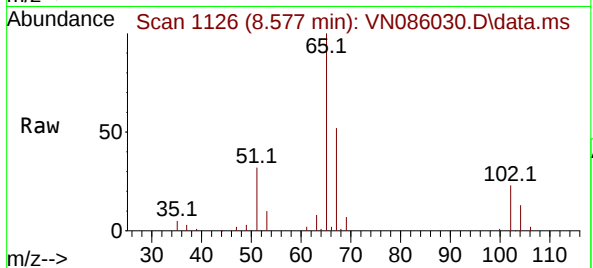
MW7

Tgt Ion: 65 Resp: 104495

Ion Ratio Lower Upper

65 100

67 51.2 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: VN086030.D

Acq: 20 Mar 2025 17:33

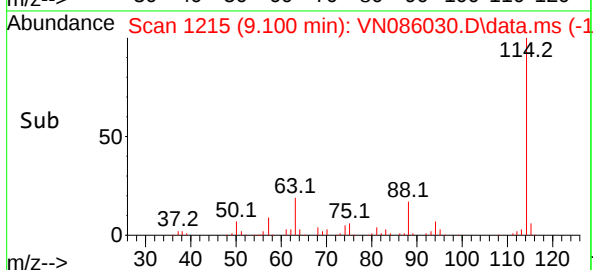
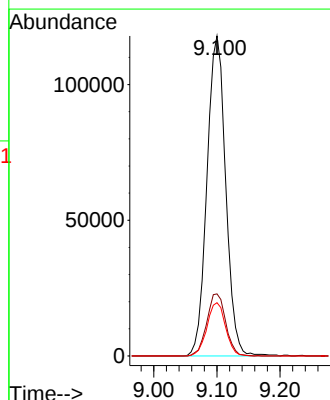
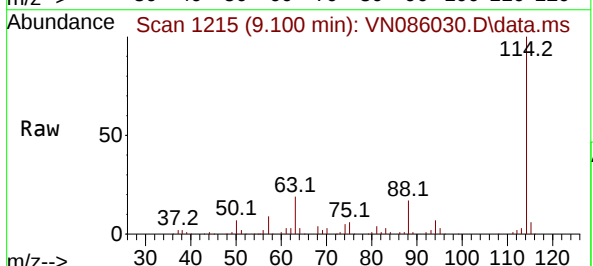
Tgt Ion: 114 Resp: 242981

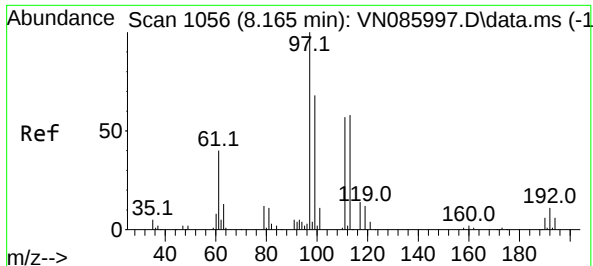
Ion Ratio Lower Upper

114 100

63 19.4 0.0 39.6

88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.911 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086030.D

Acq: 20 Mar 2025 17:33

Instrument :

MSVOA_N

ClientSampleId :

MW7

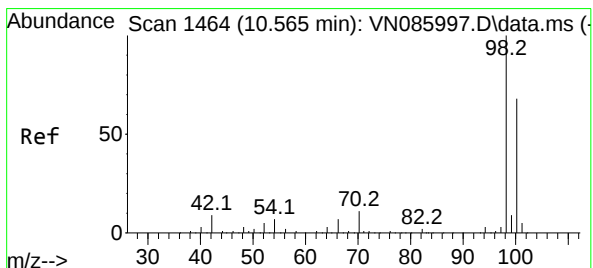
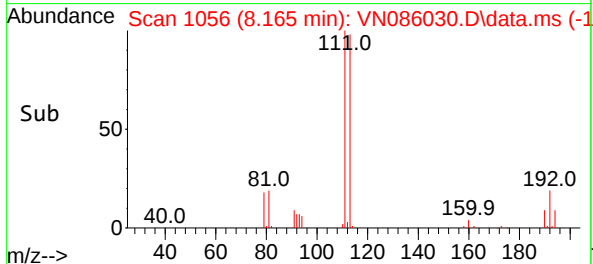
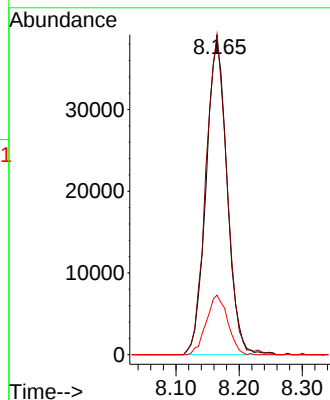
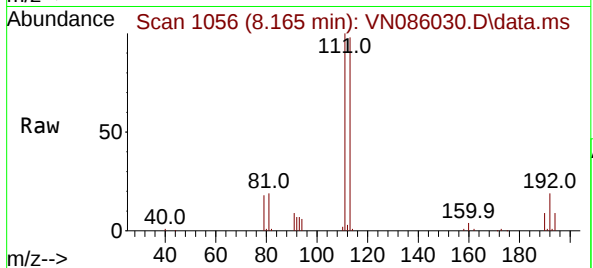
Tgt Ion:113 Resp: 89735

Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.8

192 19.1 15.9 23.9



#50

Toluene-d8

Concen: 49.796 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086030.D

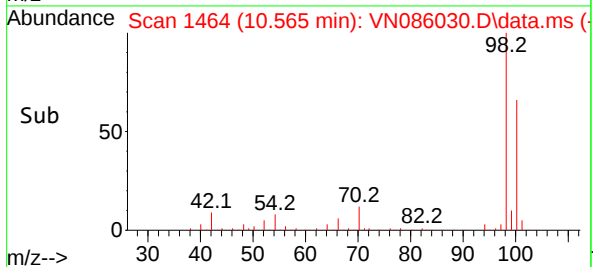
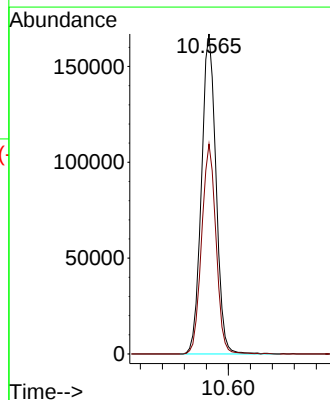
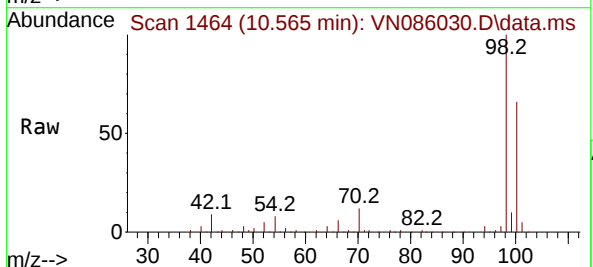
Acq: 20 Mar 2025 17:33

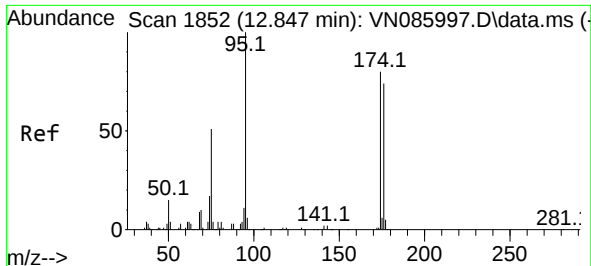
Tgt Ion: 98 Resp: 306504

Ion Ratio Lower Upper

98 100

100 64.7 53.1 79.7

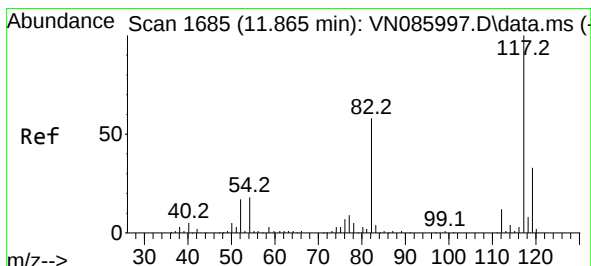
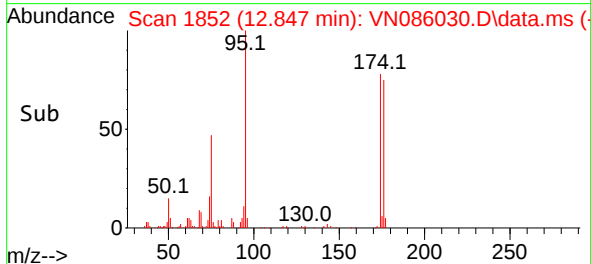
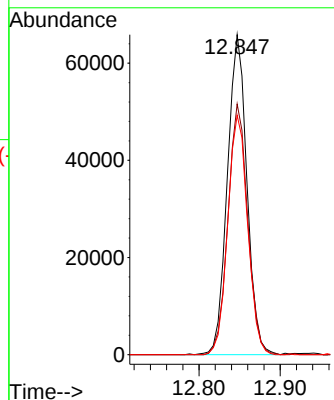
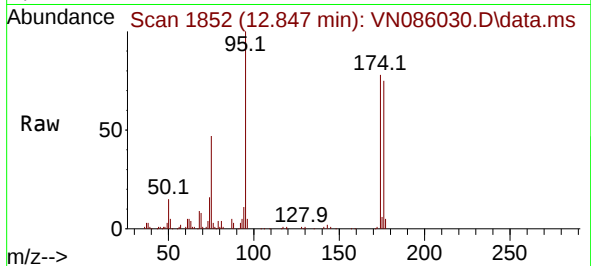




#62
4-Bromofluorobenzene
Concen: 50.150 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086030.D
Acq: 20 Mar 2025 17:33

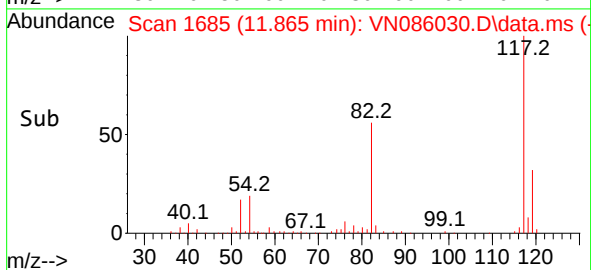
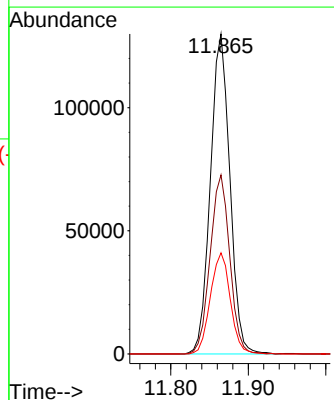
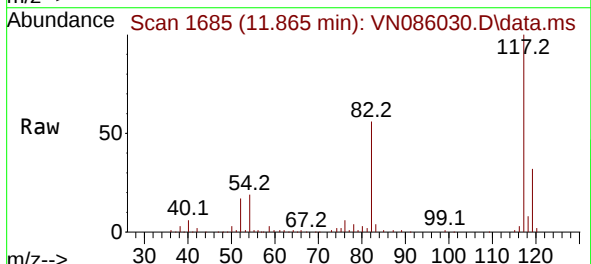
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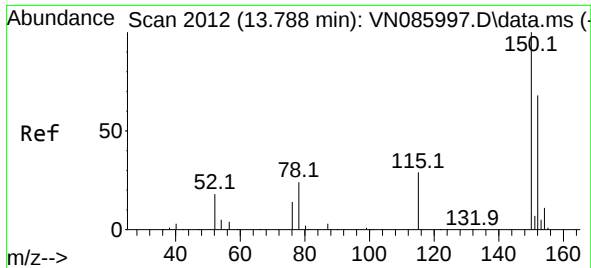
Tgt Ion: 95 Resp: 110086
Ion Ratio Lower Upper
95 100
174 79.2 0.0 156.8
176 76.0 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086030.D
Acq: 20 Mar 2025 17:33

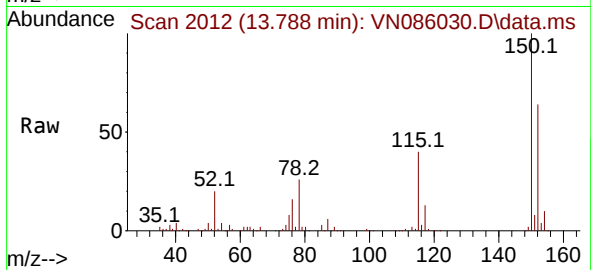
Tgt Ion: 117 Resp: 226759
Ion Ratio Lower Upper
117 100
82 56.0 46.7 70.1
119 31.6 26.5 39.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN086030.D
Acq: 20 Mar 2025 17:33

Instrument :
MSVOA_N
ClientSampleId :
MW7



Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.6	31.1	93.2
150	157.6	0.0	359.6

