

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061225\
 Data File : VN086986.D
 Acq On : 12 Jun 2025 18:33
 Operator : JC\MD
 Sample : Q2268-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-20250605

Quant Time: Jun 13 01:32:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

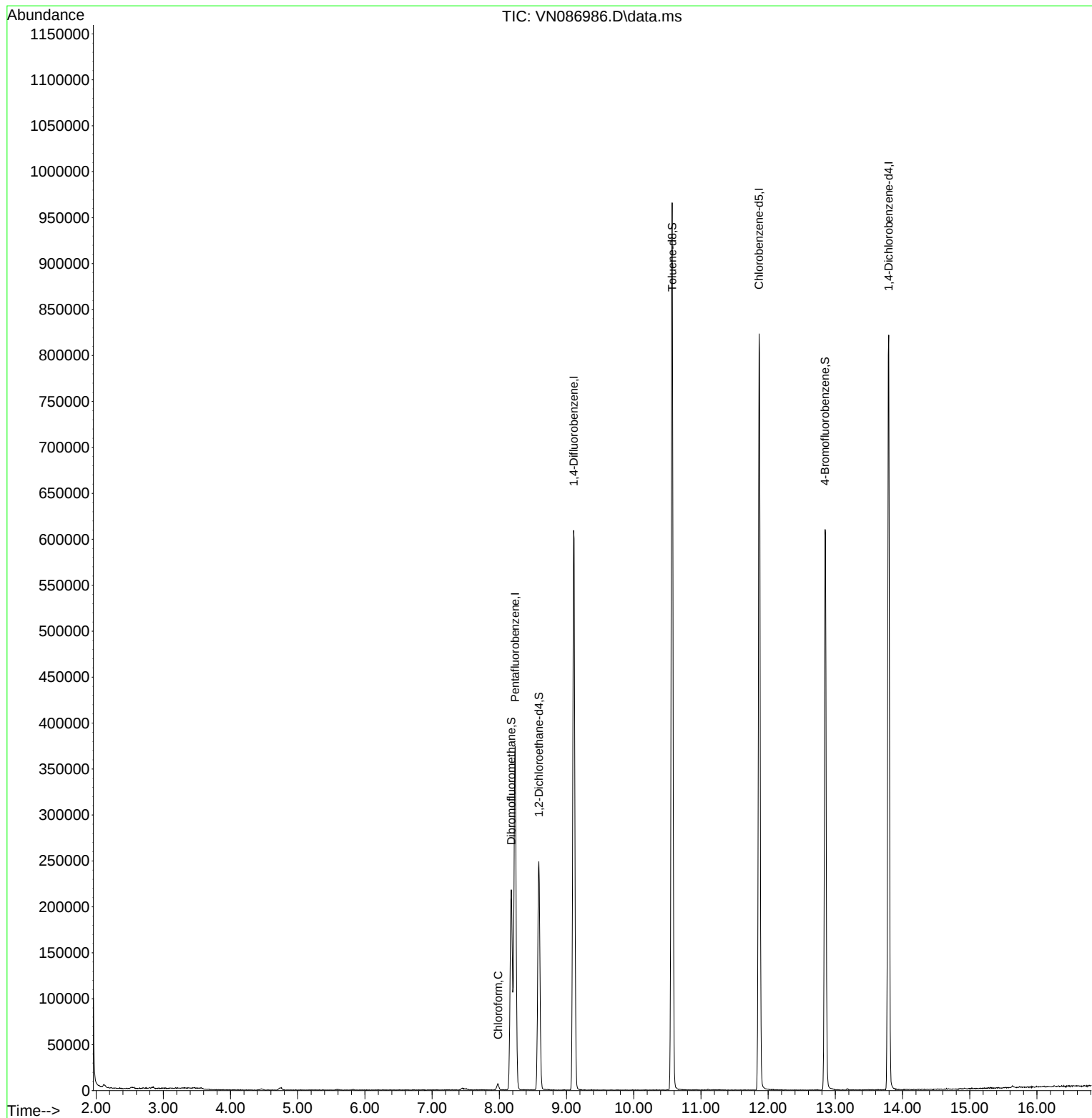
Internal Standards						
1) Pentafluorobenzene	8.236	168	290913	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	573001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	515947	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	245935	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	205650	52.798	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 105.600%	
35) Dibromofluoromethane	8.177	113	170765	50.288	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.580%	
50) Toluene-d8	10.571	98	700800	52.132	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 104.260%	
62) 4-Bromofluorobenzene	12.847	95	251186	50.293	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.580%	
Target Compounds						
					Qvalue	
30) Chloroform	7.983	83	6861	1.055	ug/l	85

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

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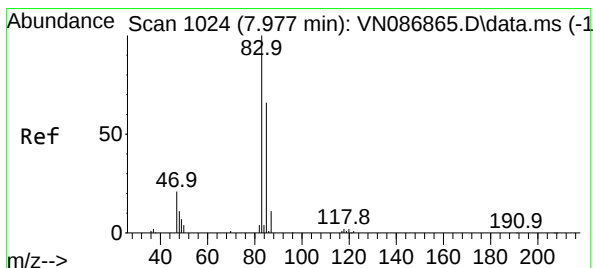
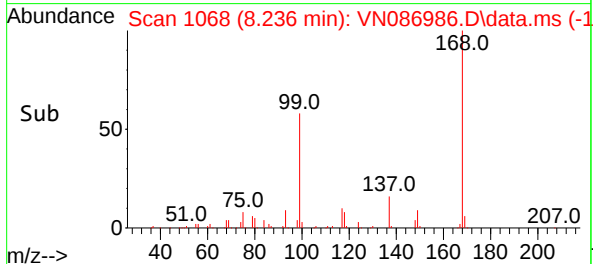
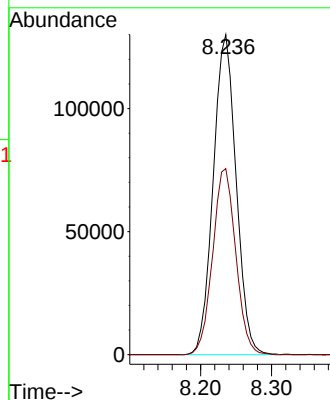
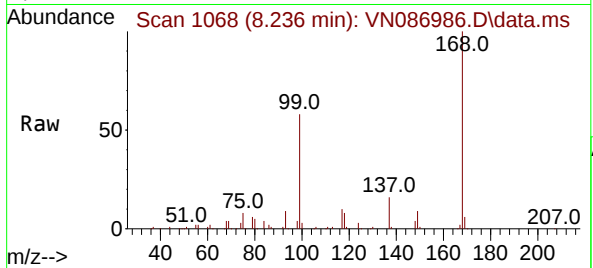




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN086986.D
Acq: 12 Jun 2025 18:33

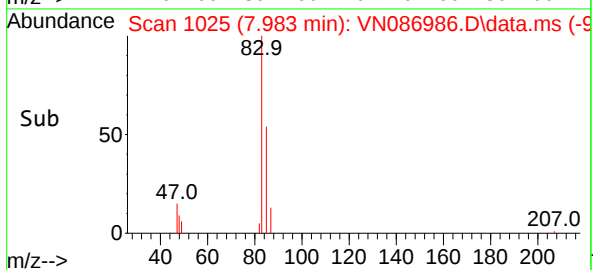
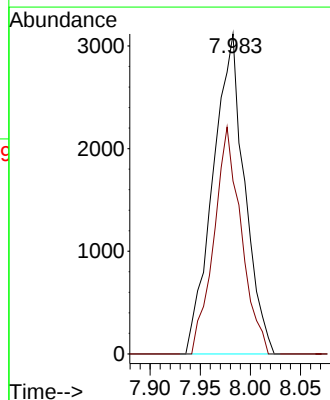
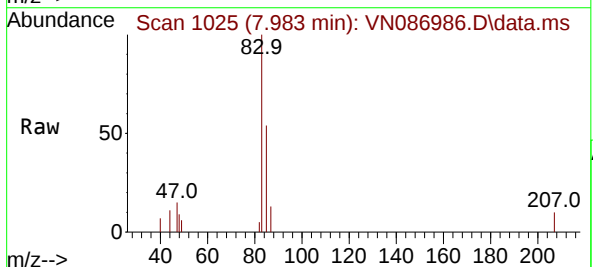
Instrument :
MSVOA_N
ClientSampleId :
MW-4-20250605

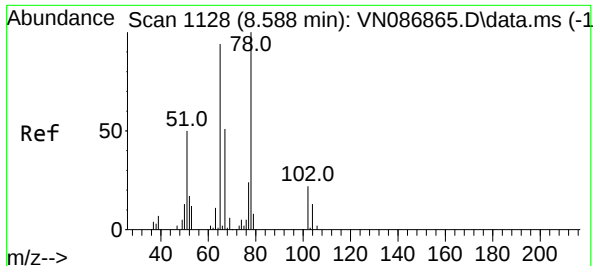
Tgt Ion:168 Resp: 290913
Ion Ratio Lower Upper
168 100
99 58.1 49.1 73.7



#30
Chloroform
Concen: 1.055 ug/l
RT: 7.983 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN086986.D
Acq: 12 Jun 2025 18:33

Tgt Ion: 83 Resp: 6861
Ion Ratio Lower Upper
83 100
85 54.1 52.9 79.3





#33

1,2-Dichloroethane-d4

Concen: 52.798 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086986.D

Acq: 12 Jun 2025 18:33

Instrument :

MSVOA_N

ClientSampleId :

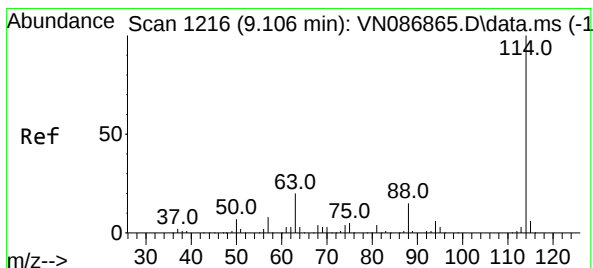
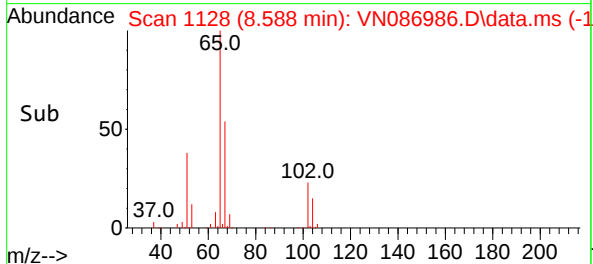
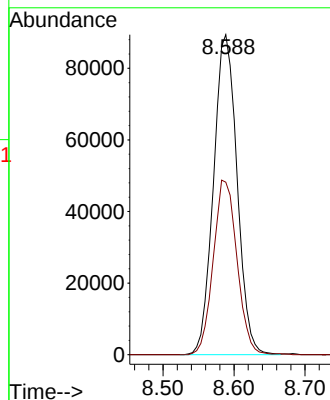
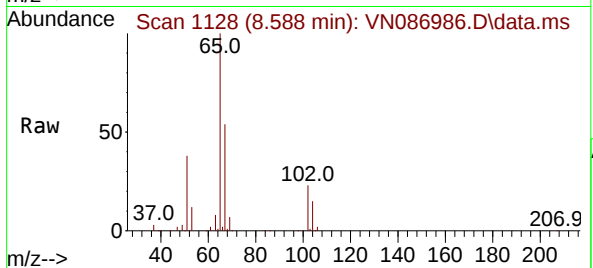
MW-4-20250605

Tgt Ion: 65 Resp: 205650

Ion Ratio Lower Upper

65 100

67 54.9 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086986.D

Acq: 12 Jun 2025 18:33

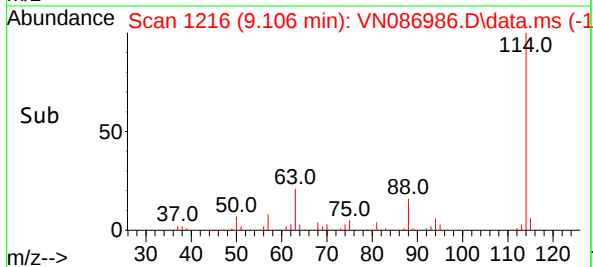
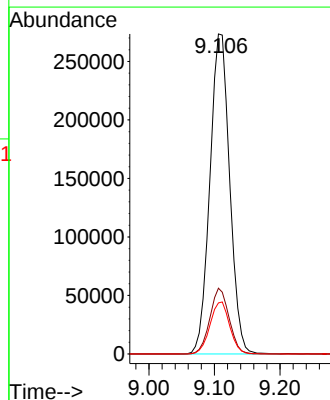
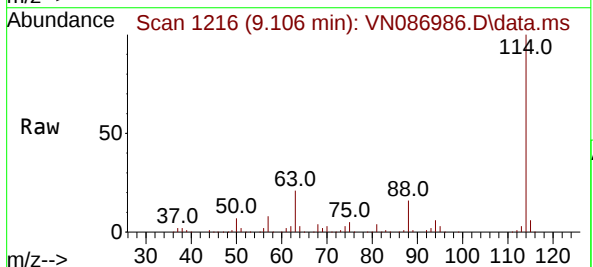
Tgt Ion: 114 Resp: 573001

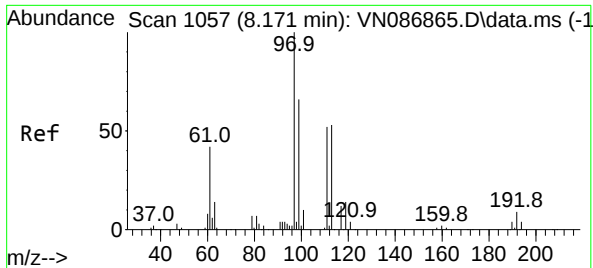
Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.6

88 16.0 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.288 ug/l

RT: 8.177 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN086986.D

Acq: 12 Jun 2025 18:33

Instrument :

MSVOA_N

ClientSampleId :

MW-4-20250605

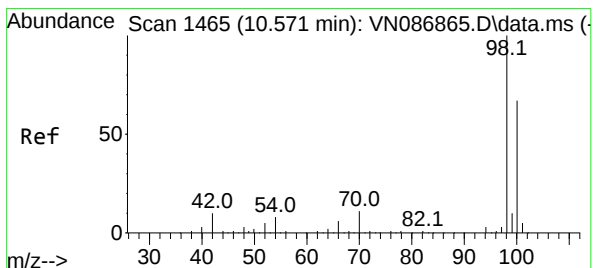
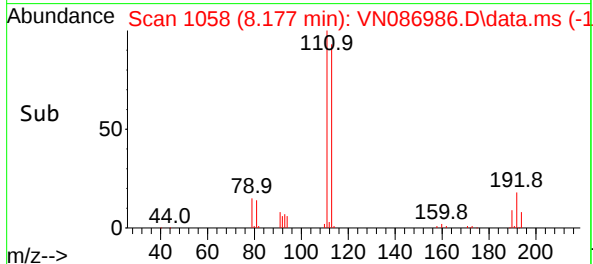
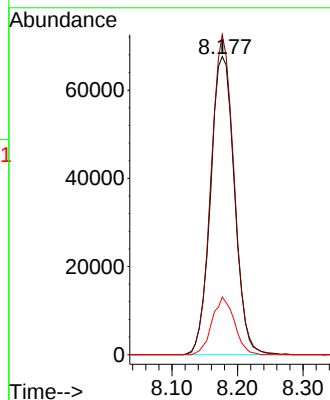
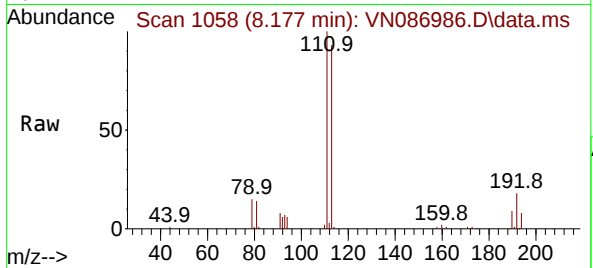
Tgt Ion:113 Resp: 170765

Ion Ratio Lower Upper

113 100

111 103.6 84.2 126.2

192 18.1 14.2 21.4



#50

Toluene-d8

Concen: 52.132 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN086986.D

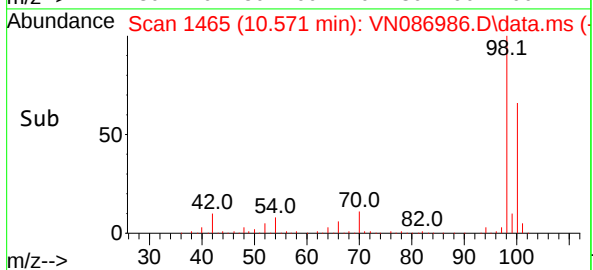
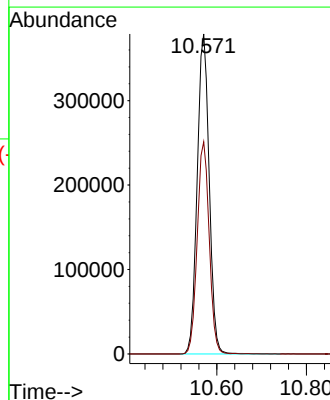
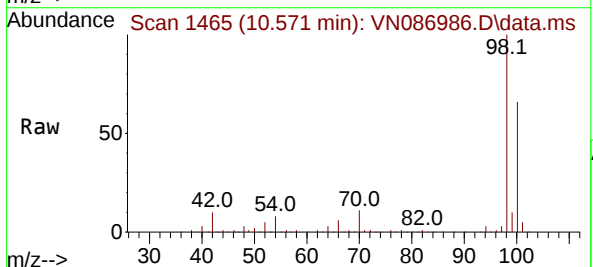
Acq: 12 Jun 2025 18:33

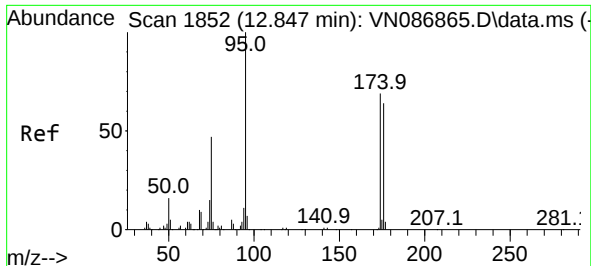
Tgt Ion: 98 Resp: 700800

Ion Ratio Lower Upper

98 100

100 66.2 53.4 80.0

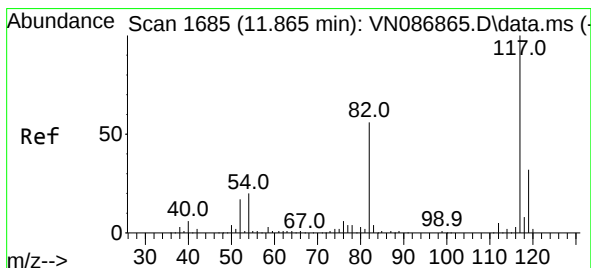
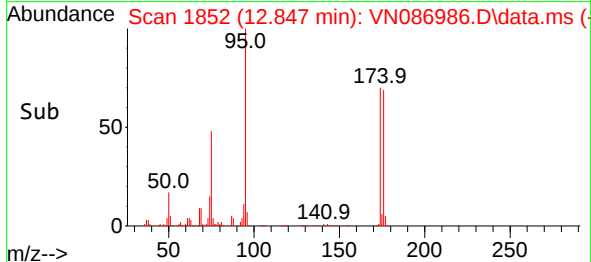
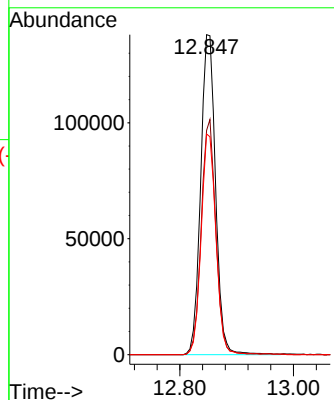
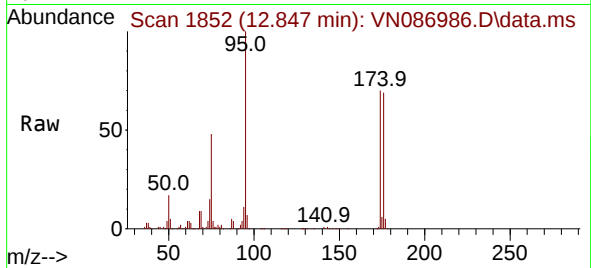




#62
4-Bromofluorobenzene
Concen: 50.293 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086986.D
Acq: 12 Jun 2025 18:33

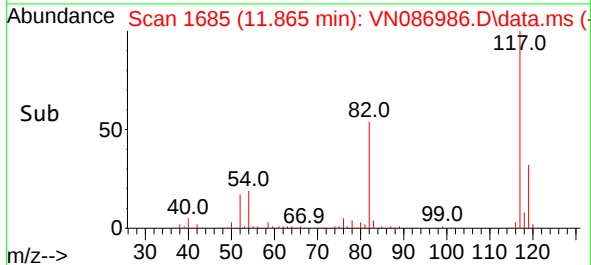
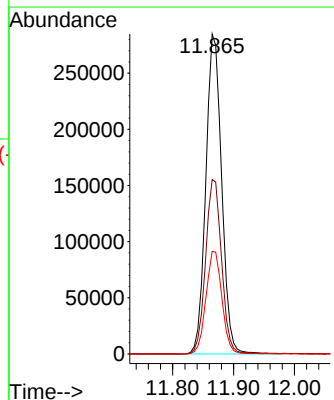
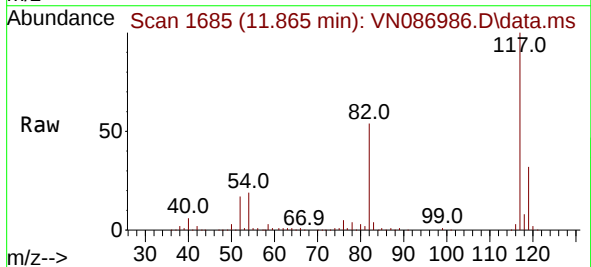
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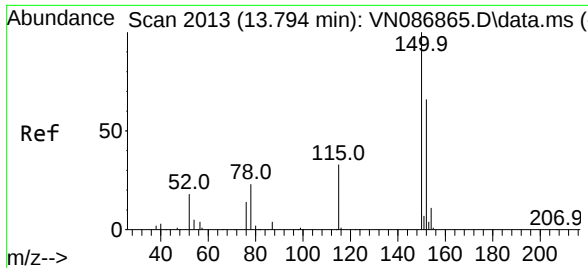
Tgt Ion: 95 Resp: 251186
Ion Ratio Lower Upper
95 100
174 71.9 0.0 141.8
176 68.3 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086986.D
Acq: 12 Jun 2025 18:33

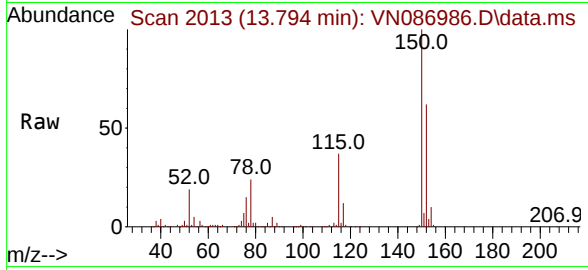
Tgt Ion: 117 Resp: 515947
Ion Ratio Lower Upper
117 100
82 54.5 44.6 67.0
119 32.1 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086986.D
 Acq: 12 Jun 2025 18:33

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-4-20250605



Tgt Ion:152 Resp: 245935

Ion	Ratio	Lower	Upper
152	100		
115	60.9	30.1	90.5
150	157.4	0.0	345.0

