

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062025\
 Data File : VN087137.D
 Acq On : 20 Jun 2025 14:27
 Operator : JC\MD
 Sample : Q2377-01 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PW-B6-L66-061925

Quant Time: Jun 20 23:06:05 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)

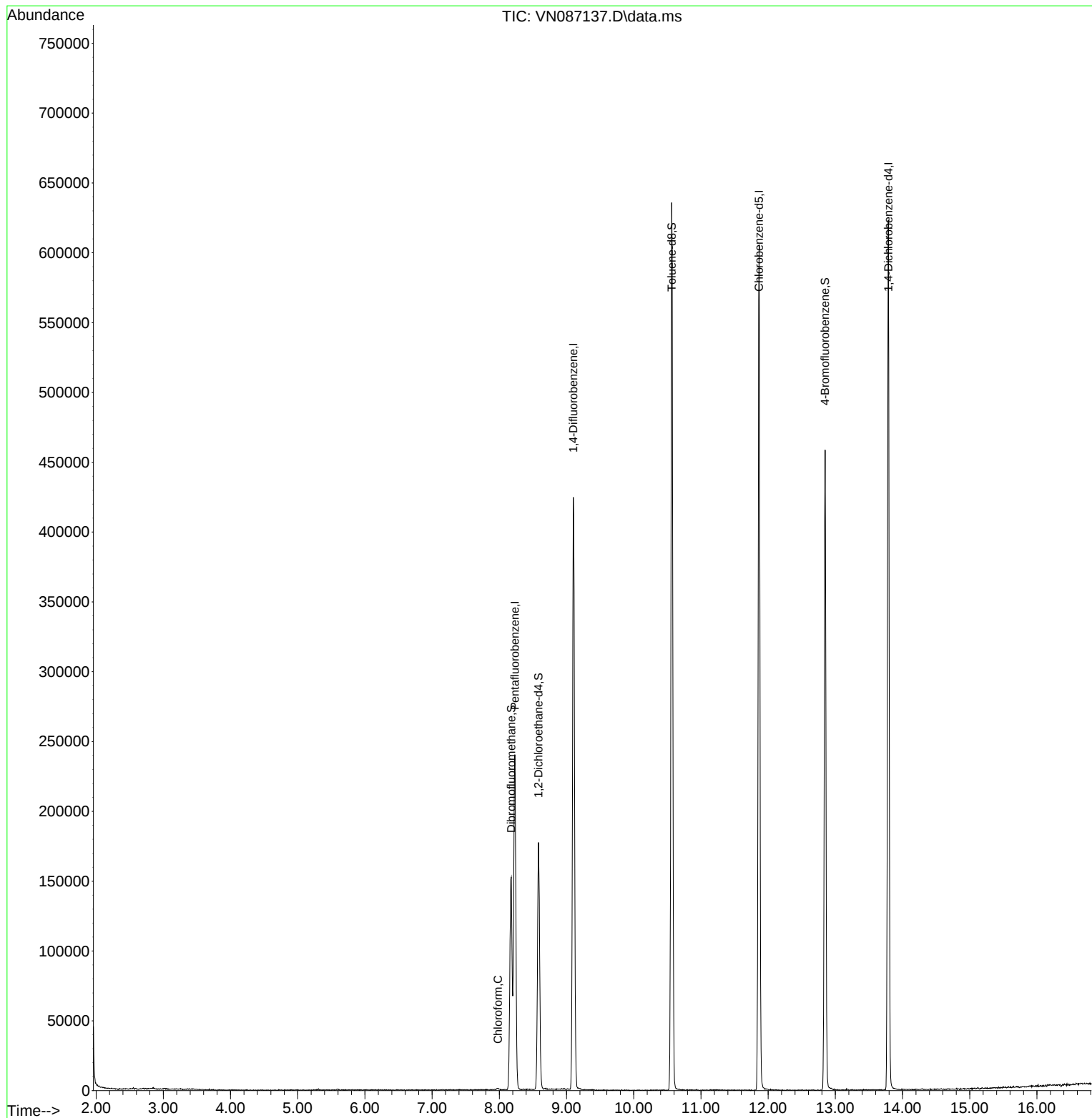
Internal Standards						
1) Pentafluorobenzene	8.230	168	187295	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	394752	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	381540	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	178554	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	142816	56.952	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.900%
35) Dibromofluoromethane	8.177	113	118312	50.574	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.140%
50) Toluene-d8	10.565	98	467107	50.438	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.880%
62) 4-Bromofluorobenzene	12.847	95	182384	53.007	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.020%
Target Compounds						
30) Chloroform	7.977	83	1286	0.307	ug/l	Qvalue 92

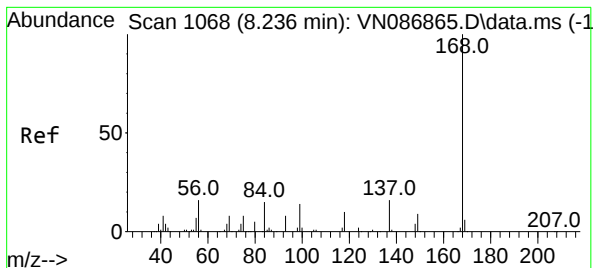
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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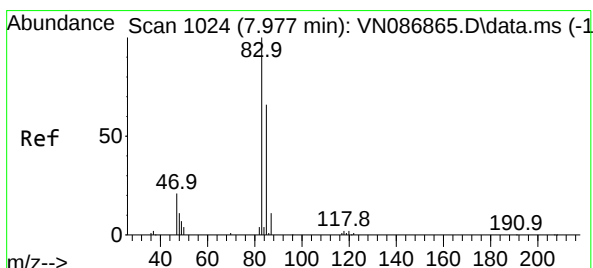
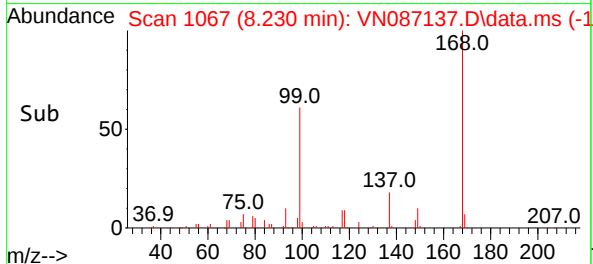
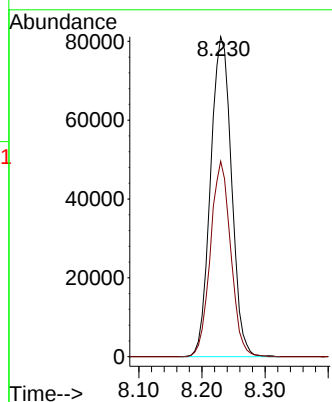
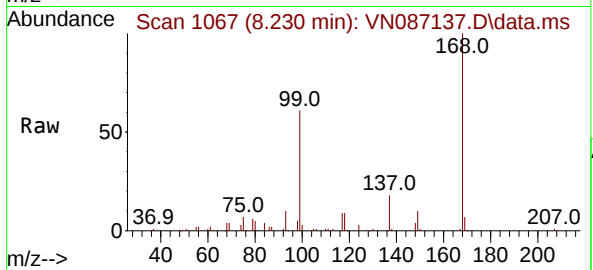




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.006 min
Lab File: VN087137.D
Acq: 20 Jun 2025 14:27

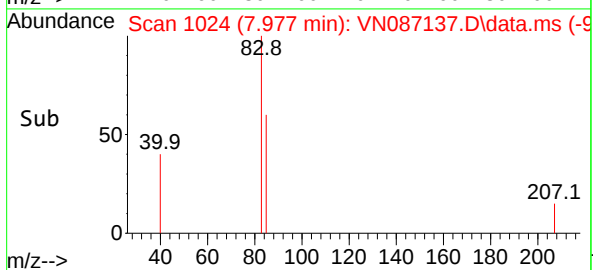
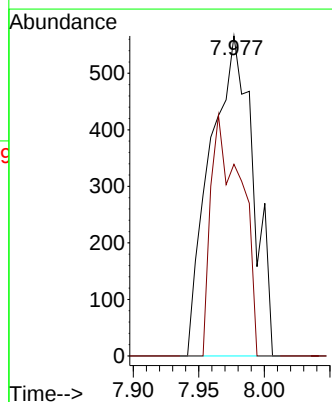
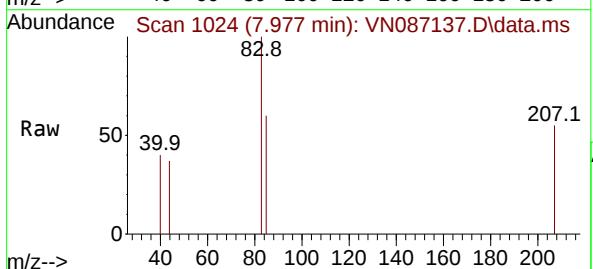
Instrument :
MSVOA_N
ClientSampleId :
PW-B6-L66-061925

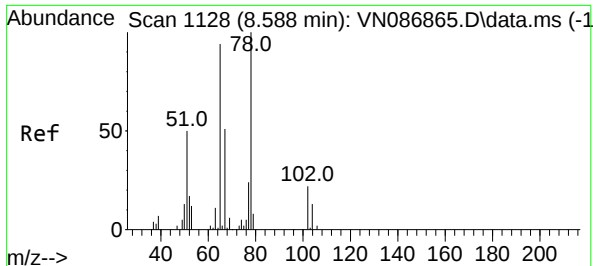
Tgt Ion:168 Resp: 187295
Ion Ratio Lower Upper
168 100
99 61.0 49.1 73.7



#30
Chloroform
Concen: 0.307 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN087137.D
Acq: 20 Jun 2025 14:27

Tgt Ion: 83 Resp: 1286
Ion Ratio Lower Upper
83 100
85 59.9 52.9 79.3





#33

1,2-Dichloroethane-d4

Concen: 56.952 ug/l

RT: 8.583 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN087137.D

Acq: 20 Jun 2025 14:27

Instrument :

MSVOA_N

ClientSampleId :

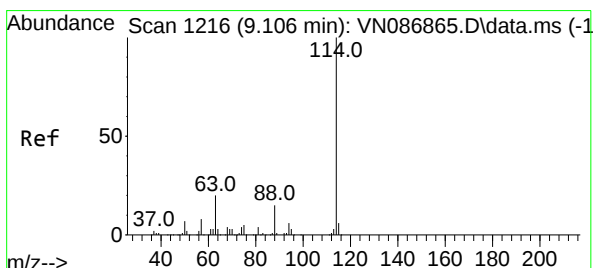
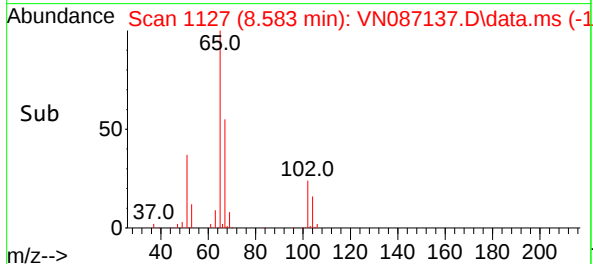
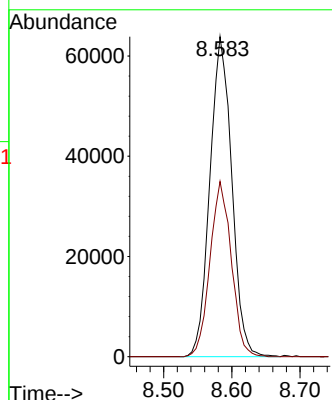
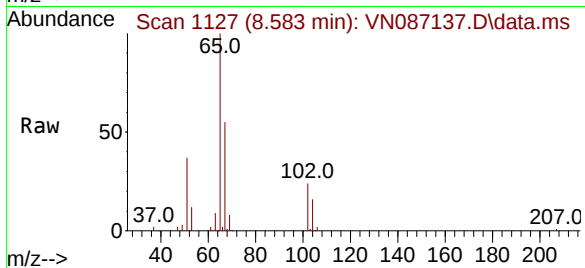
PW-B6-L66-061925

Tgt Ion: 65 Resp: 142816

Ion Ratio Lower Upper

65 100

67 53.4 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN087137.D

Acq: 20 Jun 2025 14:27

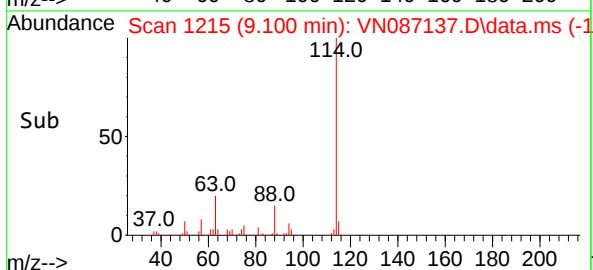
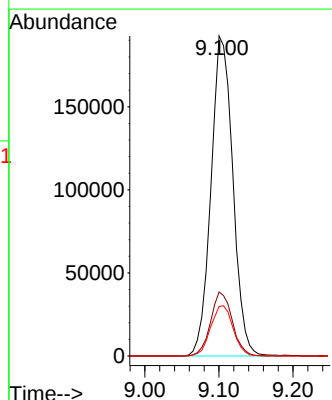
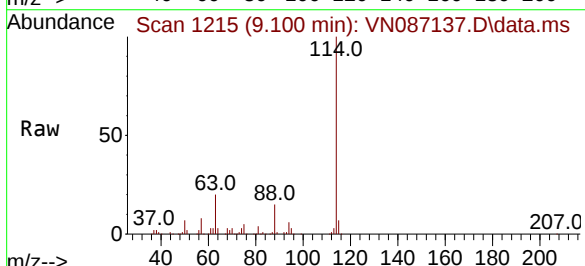
Tgt Ion: 114 Resp: 394752

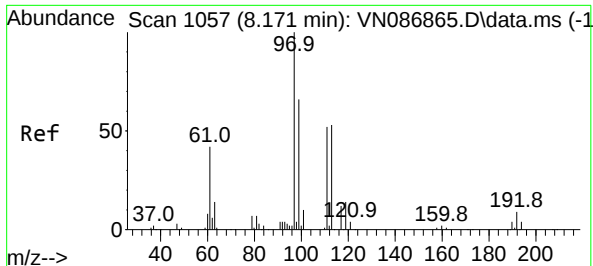
Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.6

88 15.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 50.574 ug/l

RT: 8.177 min Scan# 113

Delta R.T. 0.006 min

Lab File: VN087137.D

Acq: 20 Jun 2025 14:27

Instrument :

MSVOA_N

ClientSampleId :

PW-B6-L66-061925

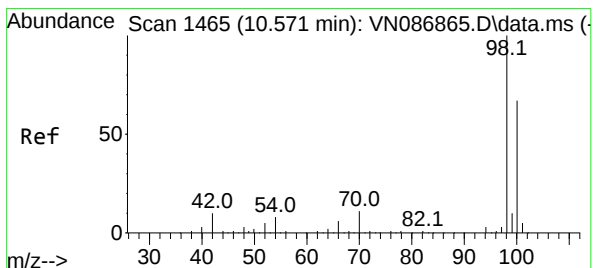
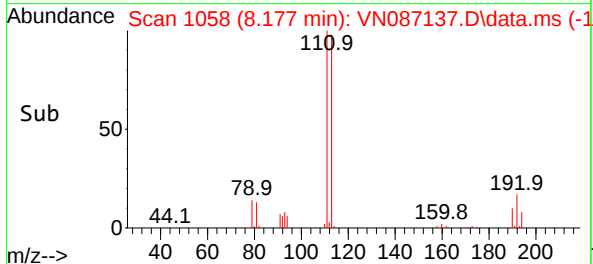
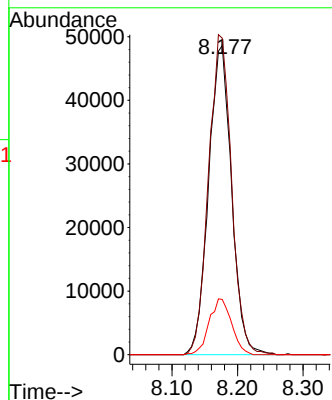
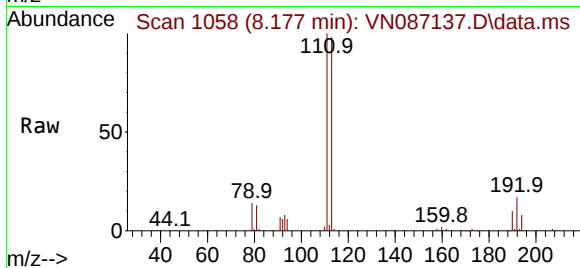
Tgt Ion:113 Resp: 118312

Ion Ratio Lower Upper

113 100

111 103.1 84.2 126.2

192 17.6 14.2 21.4



#50

Toluene-d8

Concen: 50.438 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VN087137.D

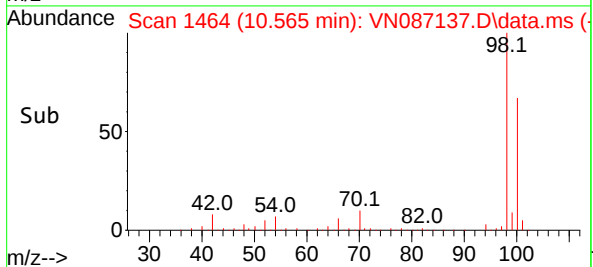
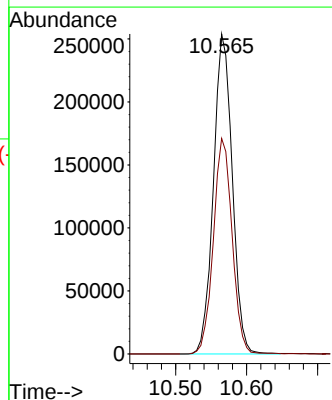
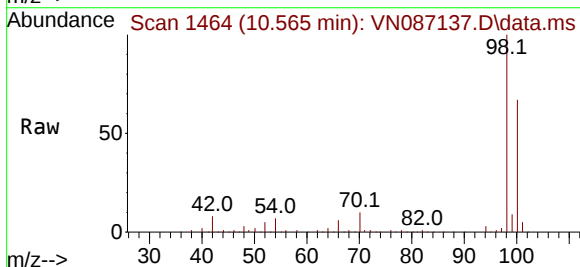
Acq: 20 Jun 2025 14:27

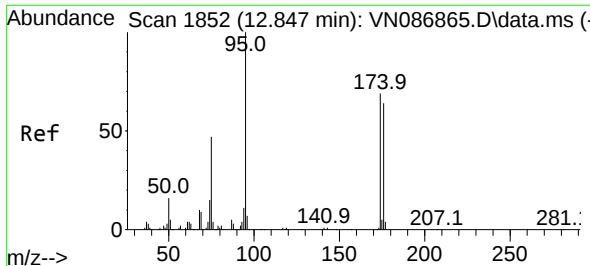
Tgt Ion: 98 Resp: 467107

Ion Ratio Lower Upper

98 100

100 67.0 53.4 80.0

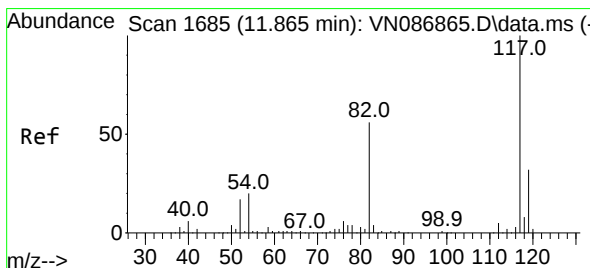
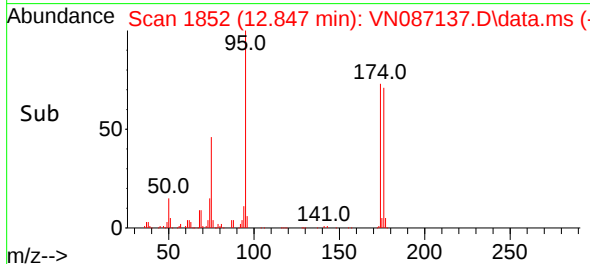
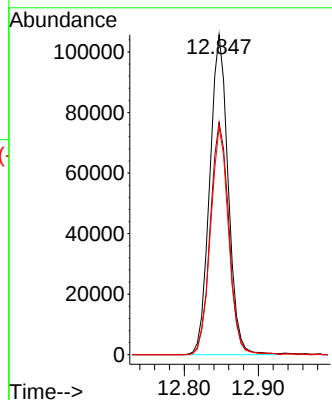
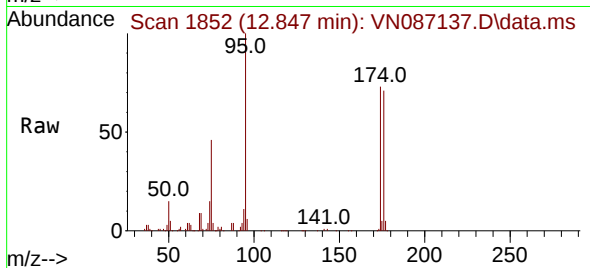




#62
4-Bromofluorobenzene
Concen: 53.007 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087137.D
Acq: 20 Jun 2025 14:27

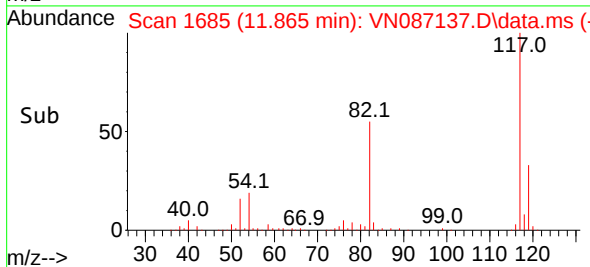
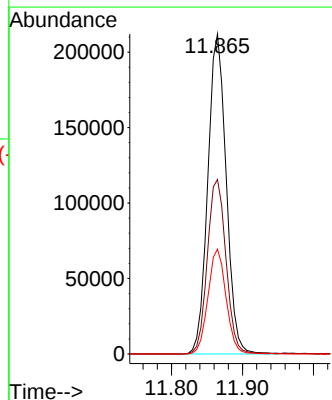
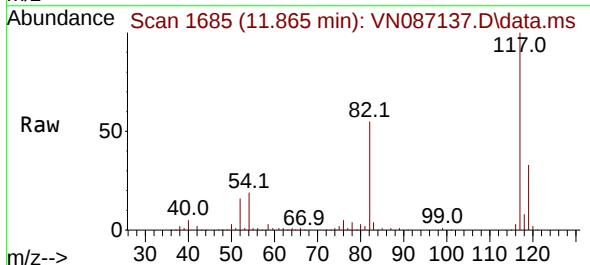
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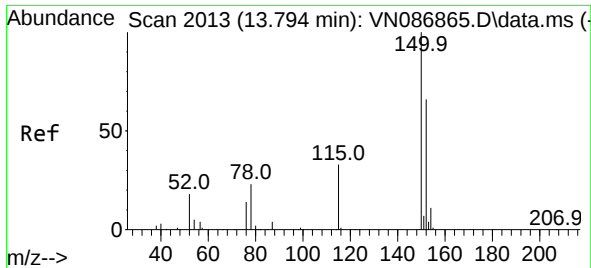
Tgt Ion: 95 Resp: 182384
Ion Ratio Lower Upper
95 100
174 73.7 0.0 141.8
176 69.6 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN087137.D
Acq: 20 Jun 2025 14:27

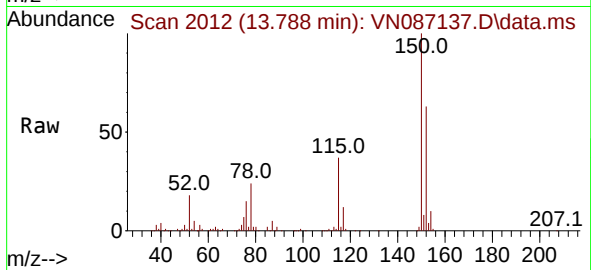
Tgt Ion: 117 Resp: 381540
Ion Ratio Lower Upper
117 100
82 54.5 44.6 67.0
119 32.7 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN087137.D
 Acq: 20 Jun 2025 14:27

Instrument :
 MSVOA_N
 ClientSampleId :
 PW-B6-L66-061925



Tgt Ion:152 Resp: 178554
 Ion Ratio Lower Upper
 152 100
 115 60.1 30.1 90.5
 150 159.3 0.0 345.0

