

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061125\
 Data File : VN086946.D
 Acq On : 11 Jun 2025 14:22
 Operator : JC\MD
 Sample : Q2251-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VPB182-HYD-20250605

Quant Time: Jun 12 02:11:00 2025
 Quant Title :
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

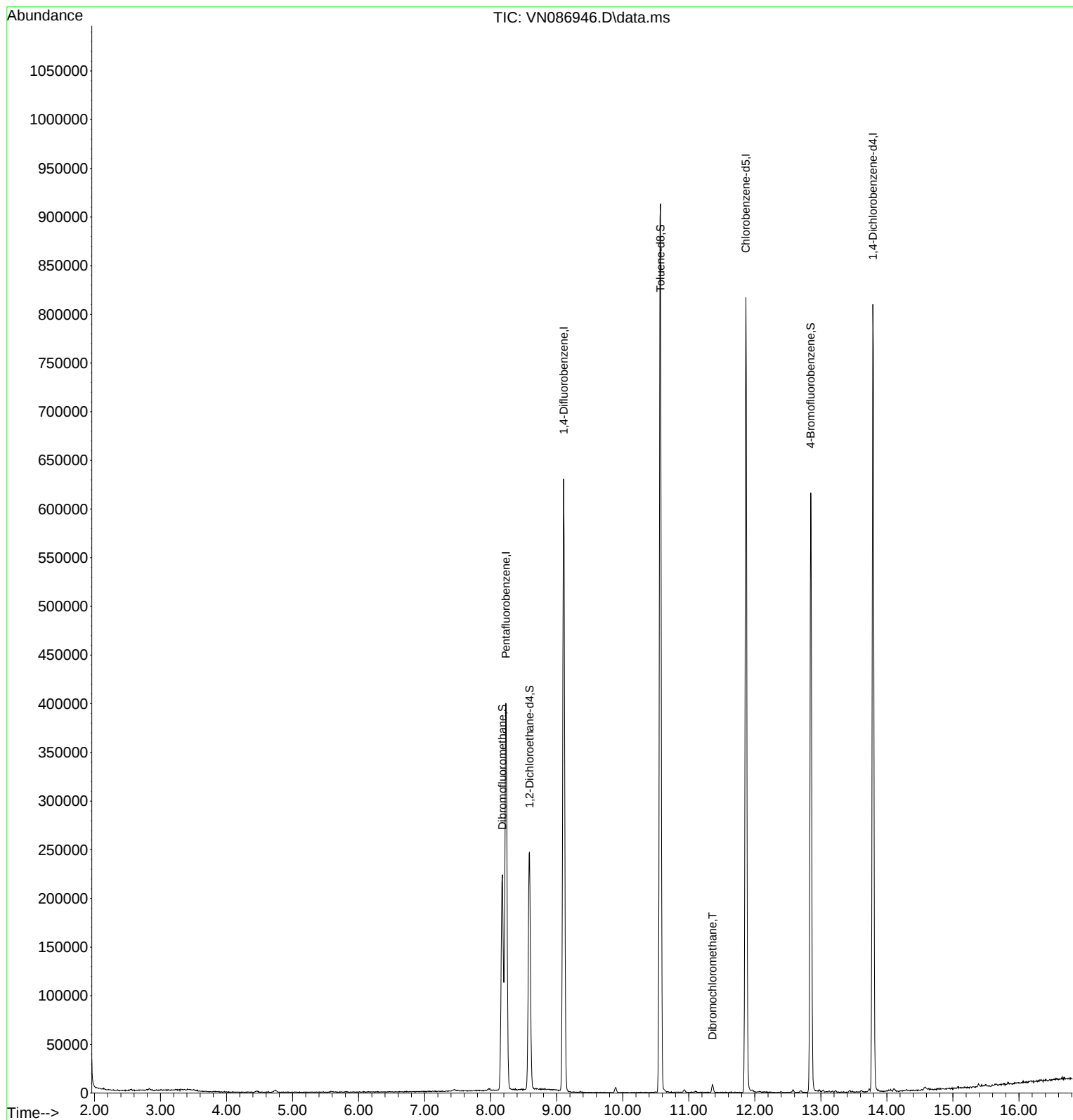
Internal Standards						
1) Pentafluorobenzene	8.230	168	313297	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	589692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	504294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	239780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	200852	47.882	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.760%
35) Dibromofluoromethane	8.177	113	172903	49.476	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.960%
50) Toluene-d8	10.571	98	683622	49.415	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.820%
62) 4-Bromofluorobenzene	12.847	95	248144	48.278	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.560%
Target Compounds						
60) Dibromochloromethane	11.359	129	4962	1.189	ug/l	Qvalue 98

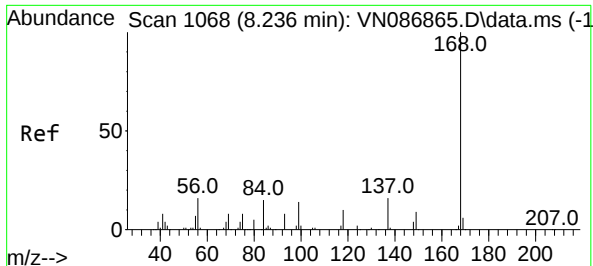
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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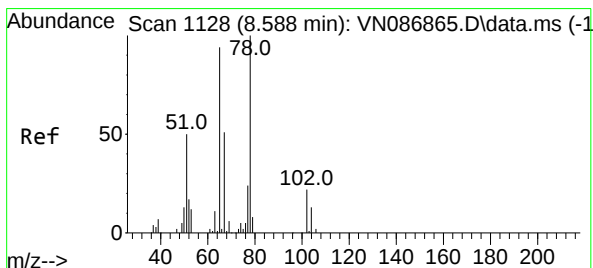
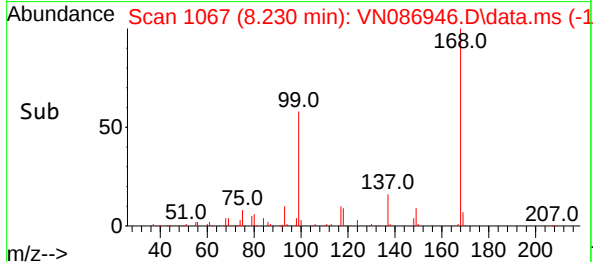
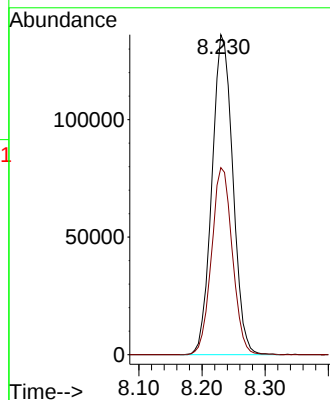
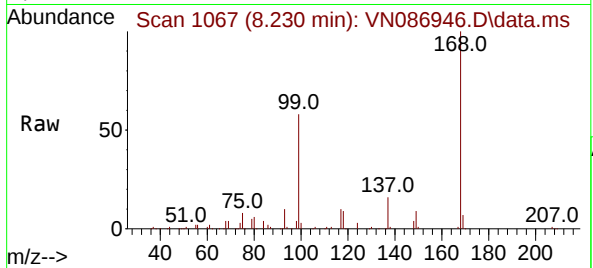




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VN086946.D
Acq: 11 Jun 2025 14:22

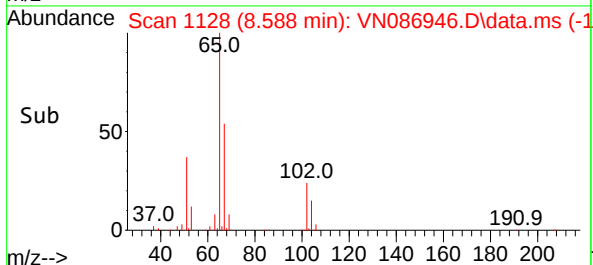
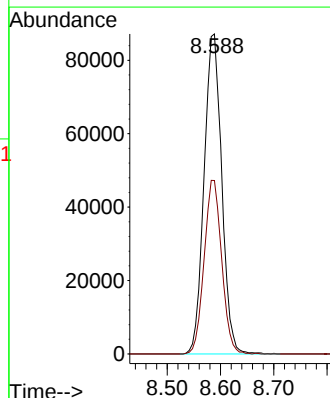
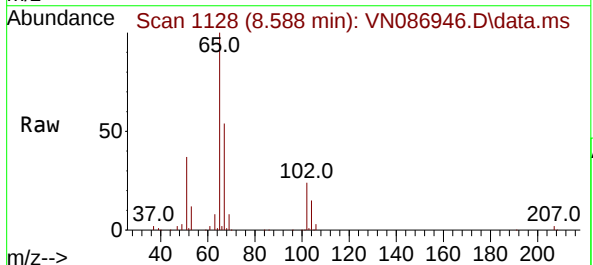
Instrument :
MSVOA_N
ClientSampleId :
VPB182-HYD-20250605

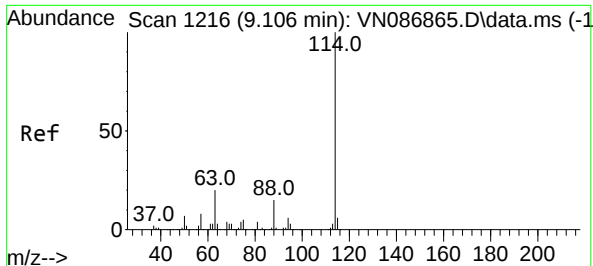
Tgt Ion:168 Resp: 313297
Ion Ratio Lower Upper
168 100
99 58.4 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 47.882 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN086946.D
Acq: 11 Jun 2025 14:22

Tgt Ion: 65 Resp: 200852
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086946.D

Acq: 11 Jun 2025 14:22

Instrument :

MSVOA_N

ClientSampleId :

VPB182-HYD-20250605

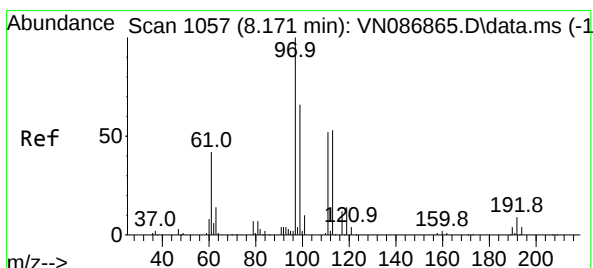
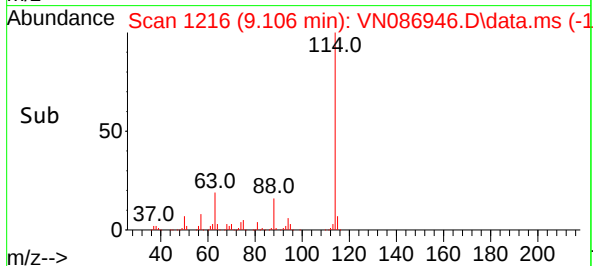
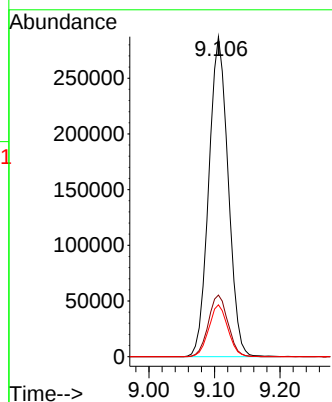
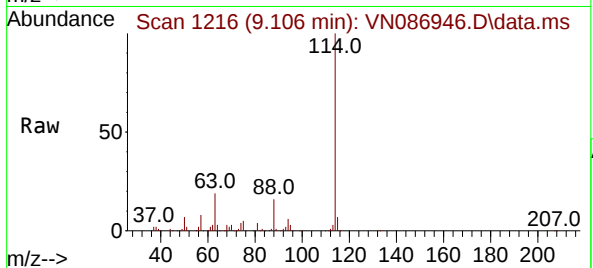
Tgt Ion:114 Resp: 589692

Ion Ratio Lower Upper

114 100

63 19.3 0.0 39.6

88 16.2 0.0 30.2



#35

Dibromofluoromethane

Concen: 49.476 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN086946.D

Acq: 11 Jun 2025 14:22

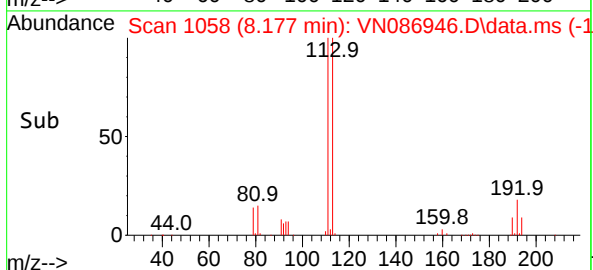
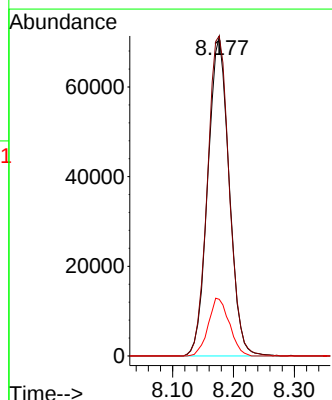
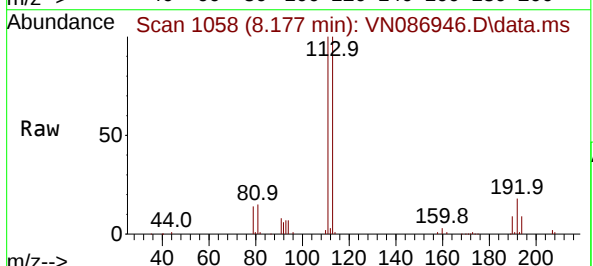
Tgt Ion:113 Resp: 172903

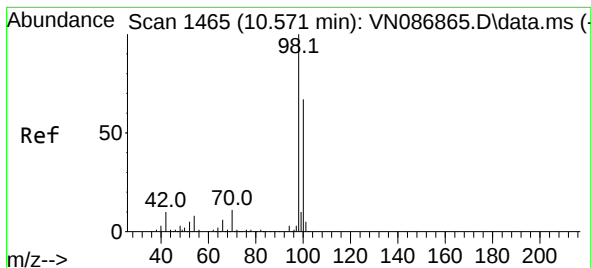
Ion Ratio Lower Upper

113 100

111 102.4 84.2 126.2

192 17.9 14.2 21.4





#50

Toluene-d8

Concen: 49.415 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN086946.D

Acq: 11 Jun 2025 14:22

Instrument :

MSVOA_N

ClientSampleId :

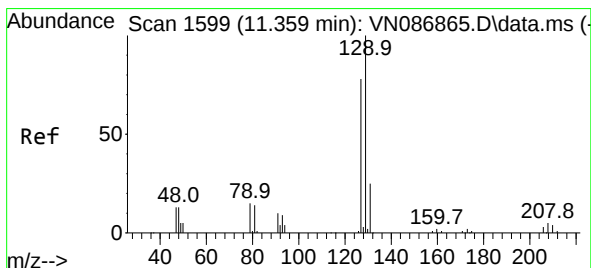
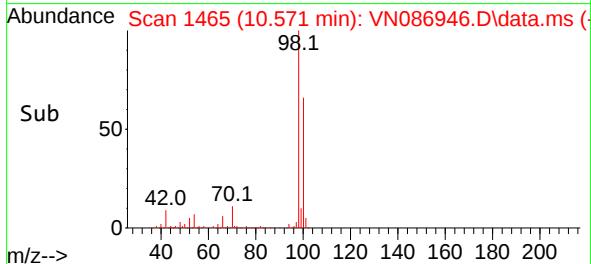
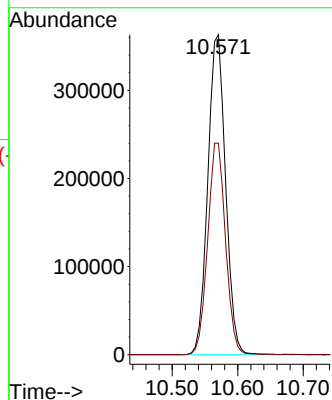
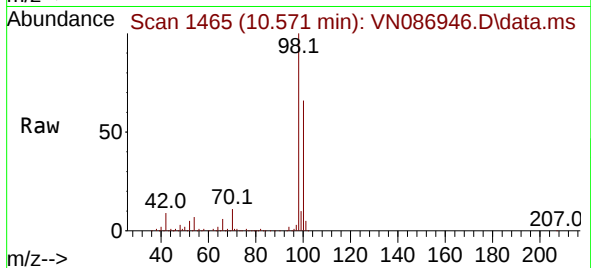
VPB182-HYD-20250605

Tgt Ion: 98 Resp: 683622

Ion Ratio Lower Upper

98 100

100 66.5 53.4 80.0



#60

Dibromochloromethane

Concen: 1.189 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN086946.D

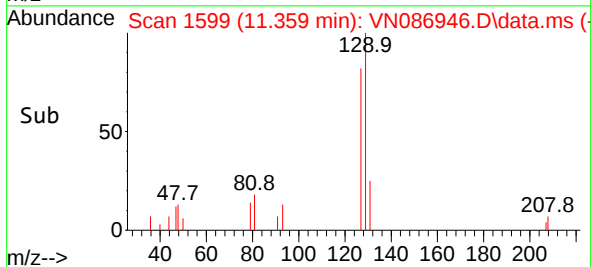
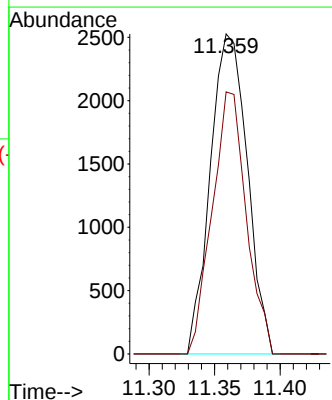
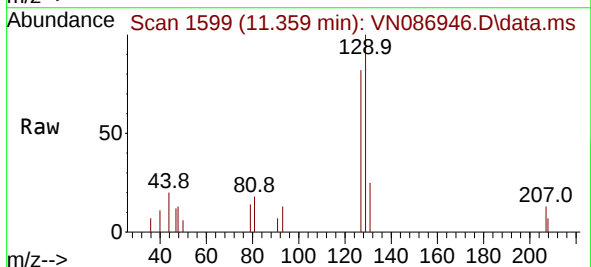
Acq: 11 Jun 2025 14:22

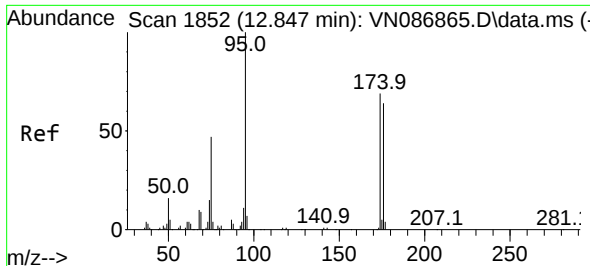
Tgt Ion:129 Resp: 4962

Ion Ratio Lower Upper

129 100

127 75.4 38.6 115.8

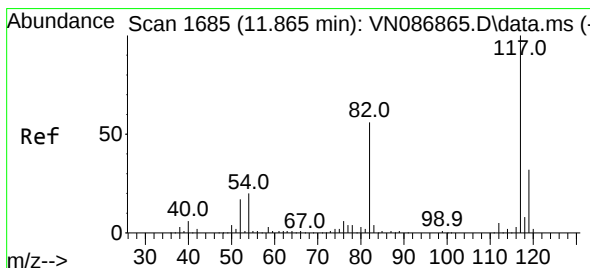
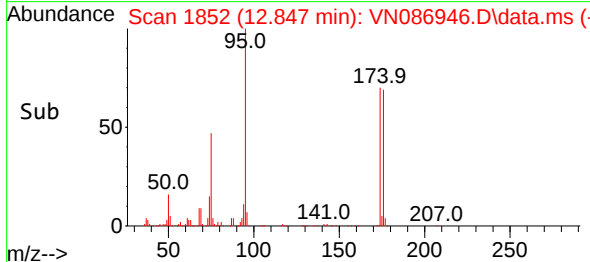
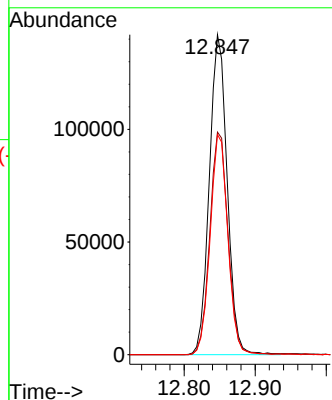
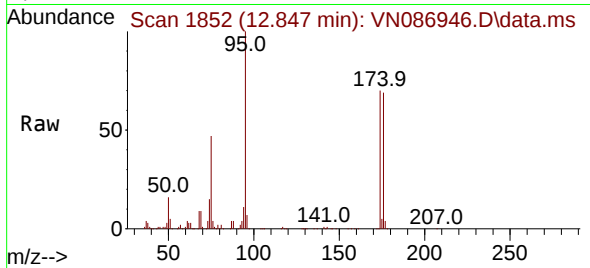




#62
4-Bromofluorobenzene
Concen: 48.278 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086946.D
Acq: 11 Jun 2025 14:22

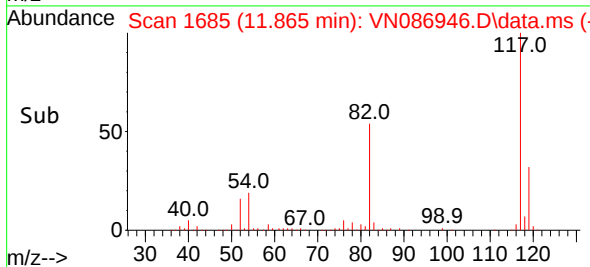
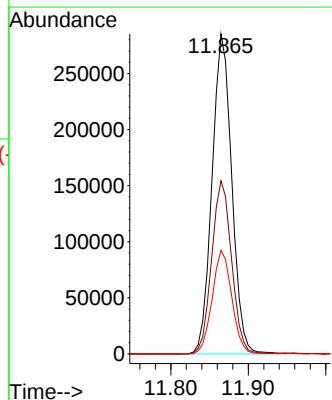
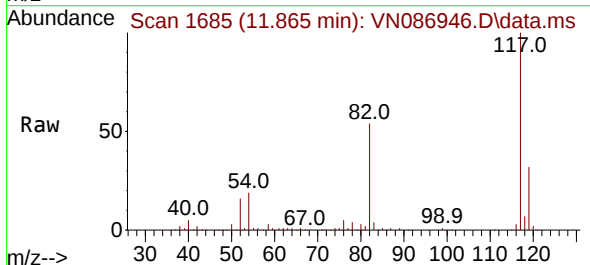
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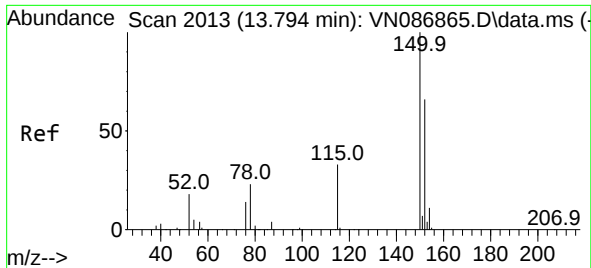
Tgt Ion: 95 Resp: 248144
Ion Ratio Lower Upper
95 100
174 71.3 0.0 141.8
176 68.2 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086946.D
Acq: 11 Jun 2025 14:22

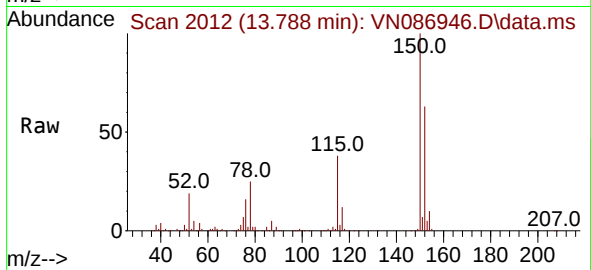
Tgt Ion: 117 Resp: 504294
Ion Ratio Lower Upper
117 100
82 54.1 44.6 67.0
119 32.4 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN086946.D
 Acq: 11 Jun 2025 14:22

Instrument :
 MSVOA_N
 ClientSampleId :
 VPB182-HYD-20250605



Tgt Ion:152 Resp: 239780
 Ion Ratio Lower Upper
 152 100
 115 60.0 30.1 90.5
 150 158.4 0.0 345.0

