

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100324\
 Data File : VN084295.D
 Acq On : 03 Oct 2024 13:52
 Operator : JC\MD
 Sample : P4226-27
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW6-9-20240927

Quant Time: Oct 04 01:34:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	156599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	95098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	119095	51.293	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	102.580%
35) Dibromofluoromethane	8.165	113	93481	51.547	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.100%
50) Toluene-d8	10.565	98	336952	50.502	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.000%
62) 4-Bromofluorobenzene	12.847	95	113417	46.660	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.320%

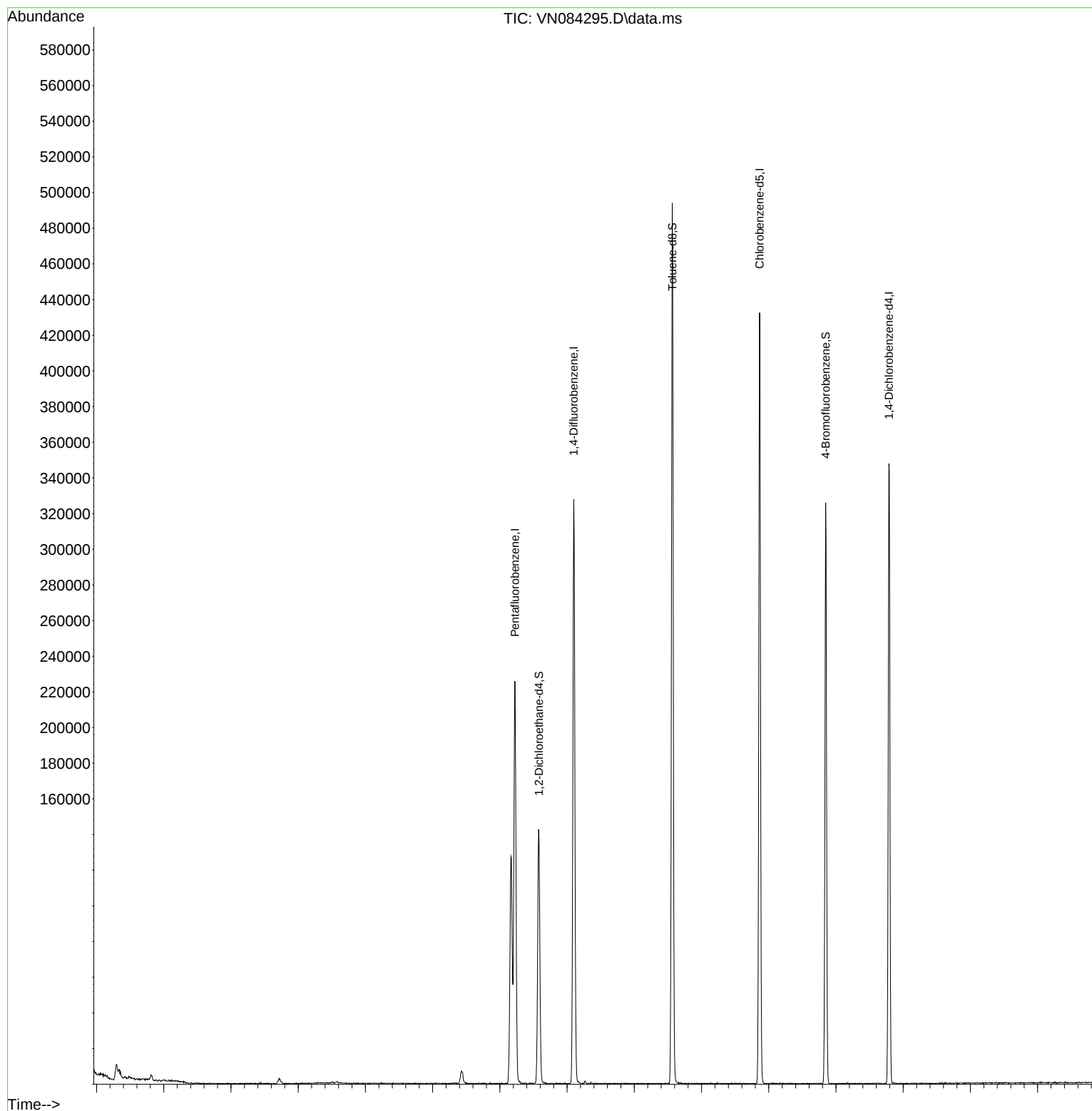
Target Compounds Qvalue

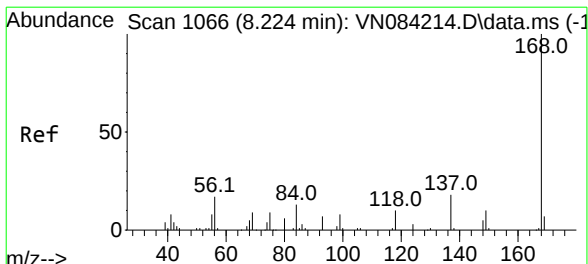
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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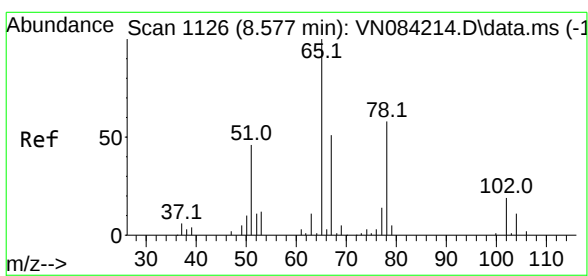
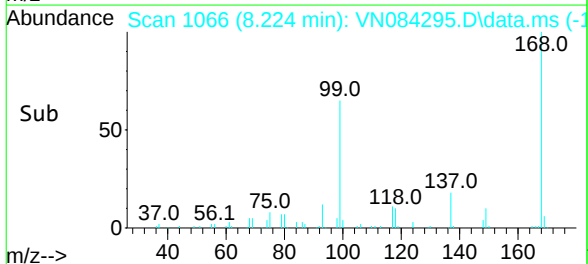
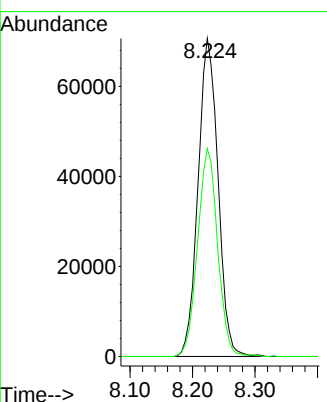
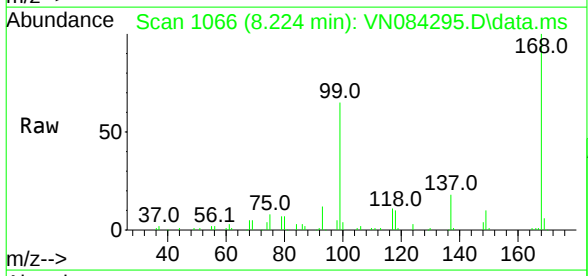


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.000 min
 Lab File: VN084295.D
 Acq: 03 Oct 2024 13:52

Instrument : MSVOA_N
 ClientSampleId : BPOW6-9-20240927

Tgt Ion: 168 Resp: 156599

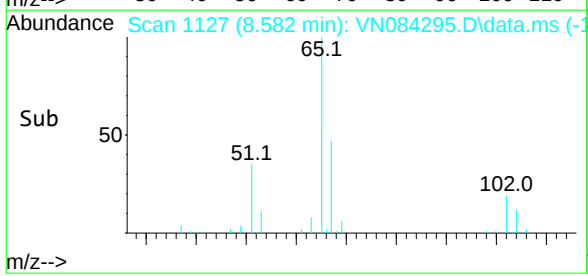
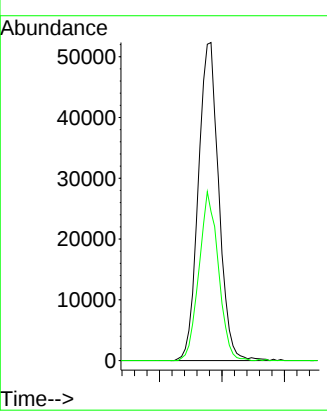
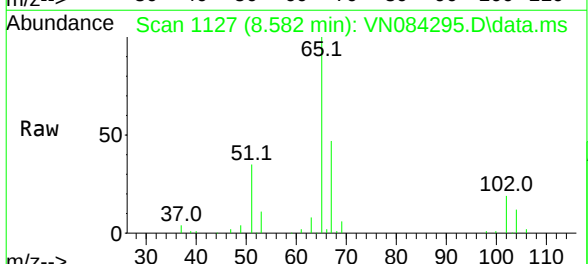
Ion	Ratio	Lower	Upper
168	100		
99	65.4	54.2	81.2

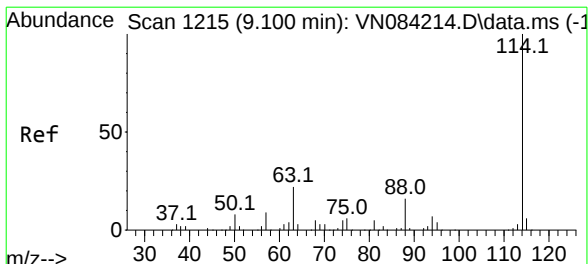


#33
 1,2-Dichloroethane-d4
 Concen: 51.293 ug/l
 RT: 8.582 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN084295.D
 Acq: 03 Oct 2024 13:52

Tgt Ion: 65 Resp: 119095

Ion	Ratio	Lower	Upper
65	100		
67	50.3	0.0	102.0

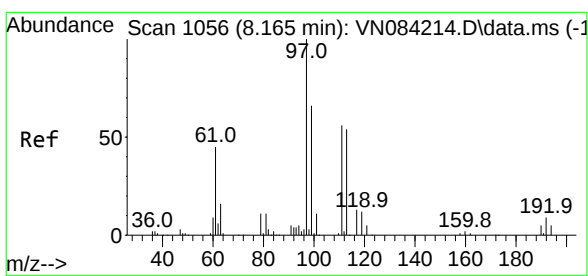
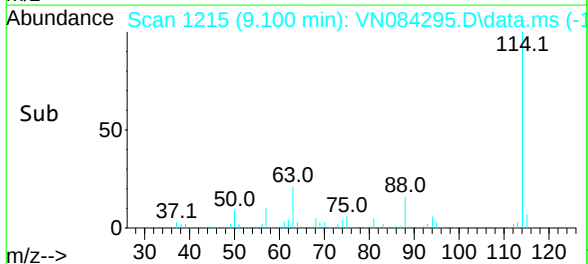
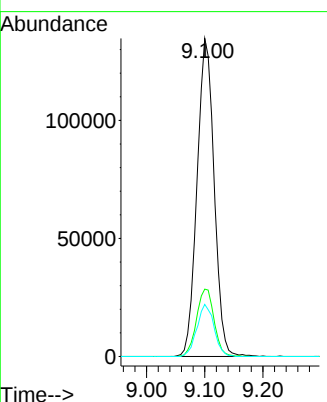
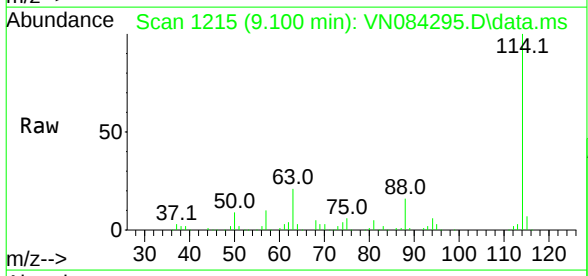




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. -0.000 min
 Lab File: VN084295.D
 Acq: 03 Oct 2024 13:52

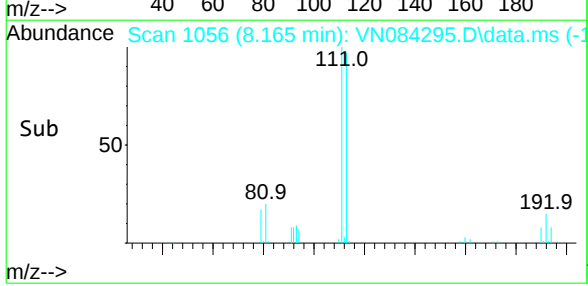
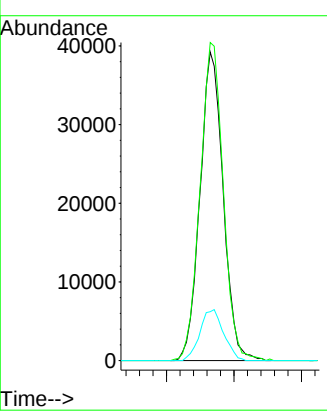
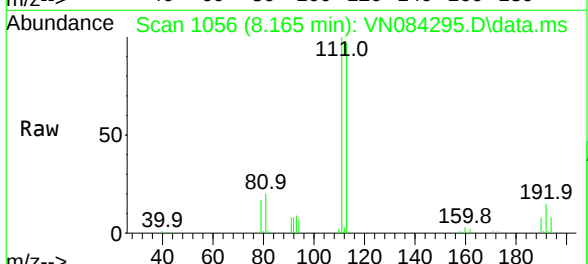
Instrument :
 MSVOA_N
 ClientSampleId :
 BPOW6-9-20240927

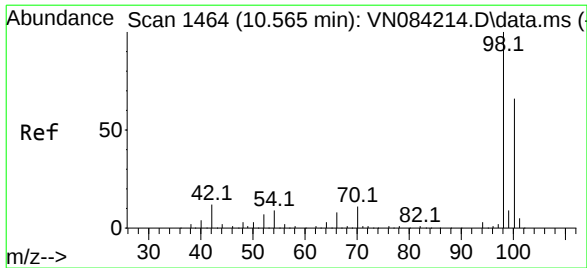
Tgt Ion:	114	Resp:	275081
Ion Ratio	Lower	Upper	
114	100		
63	21.2	0.0	43.8
88	16.4	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 51.547 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084295.D
 Acq: 03 Oct 2024 13:52

Tgt Ion:	113	Resp:	93481
Ion Ratio	Lower	Upper	
113	100		
111	103.2	83.3	124.9
192	16.9	13.5	20.3





#50

Toluene-d8

Concen: 50.502 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084295.D

Acq: 03 Oct 2024 13:52

Instrument :

MSVOA_N

ClientSampleId :

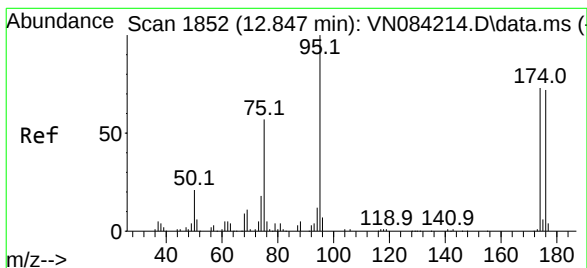
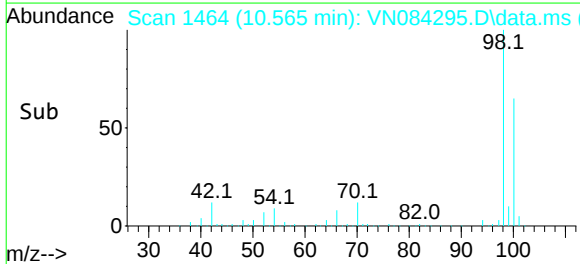
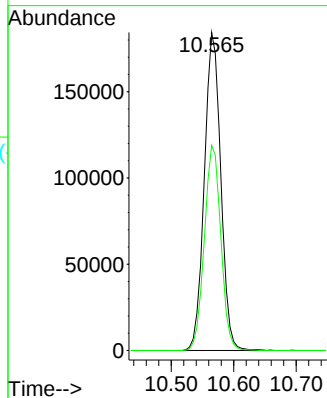
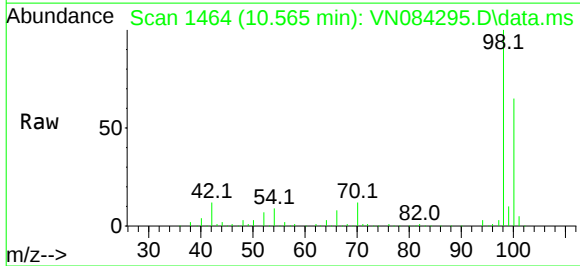
BPOW6-9-20240927

Tgt Ion: 98 Resp: 336952

Ion Ratio Lower Upper

98 100

100 64.8 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 46.660 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084295.D

Acq: 03 Oct 2024 13:52

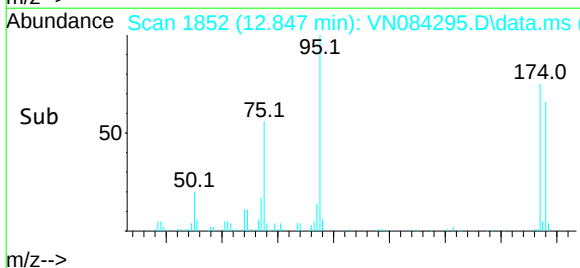
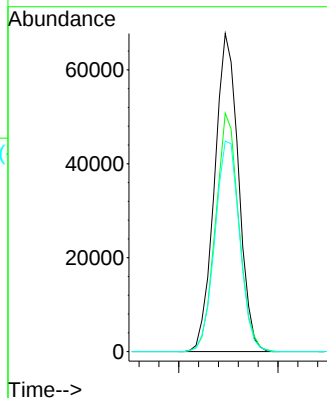
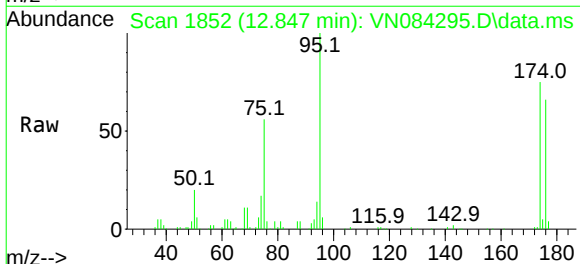
Tgt Ion: 95 Resp: 113417

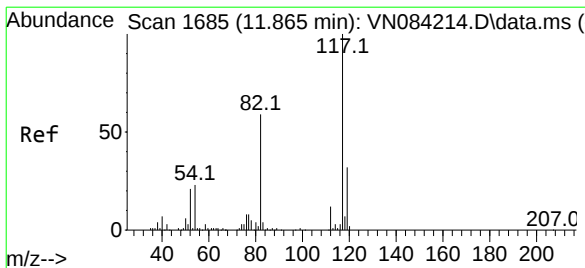
Ion Ratio Lower Upper

95 100

174 73.0 0.0 145.2

176 68.3 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. -0.000 min

Lab File: VN084295.D

Acq: 03 Oct 2024 13:52

Instrument :

MSVOA_N

ClientSampleId :

BPOW6-9-20240927

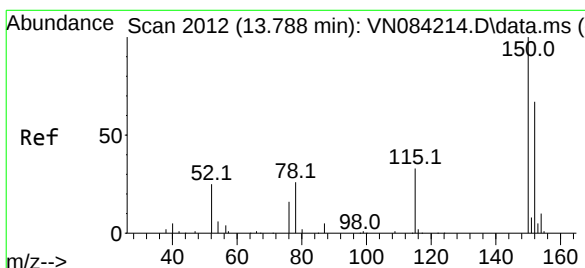
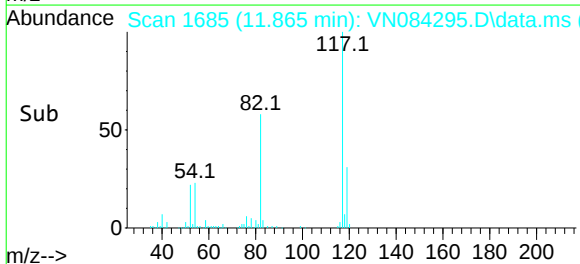
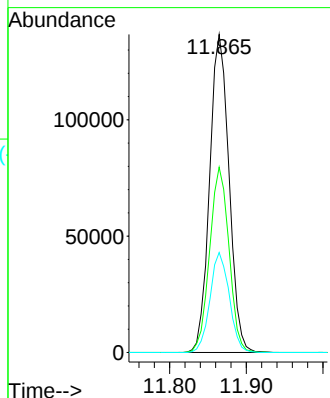
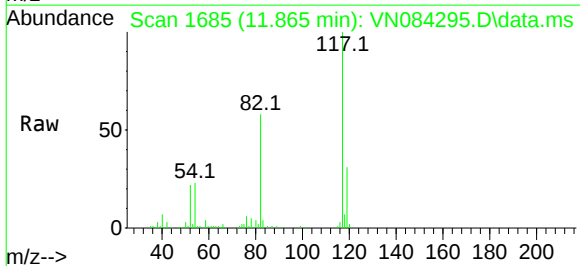
Tgt Ion:117 Resp: 240213

Ion Ratio Lower Upper

117 100

82 58.3 47.2 70.8

119 31.4 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN084295.D

Acq: 03 Oct 2024 13:52

Tgt Ion:152 Resp: 95098

Ion Ratio Lower Upper

152 100

115 62.5 31.3 93.9

150 155.0 0.0 349.8

