

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100124\
 Data File : VN084243.D
 Acq On : 01 Oct 2024 16:42
 Operator : JC\MD
 Sample : P4209-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-2

Quant Time: Oct 02 02:04:58 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	157857	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	240070	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	93717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118486	50.624	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 101.240%		
35) Dibromofluoromethane	8.165	113	92180	50.249	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 100.500%		
50) Toluene-d8	10.565	98	338179	50.107	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 100.220%		
62) 4-Bromofluorobenzene	12.847	95	106132	43.164	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 86.320%		

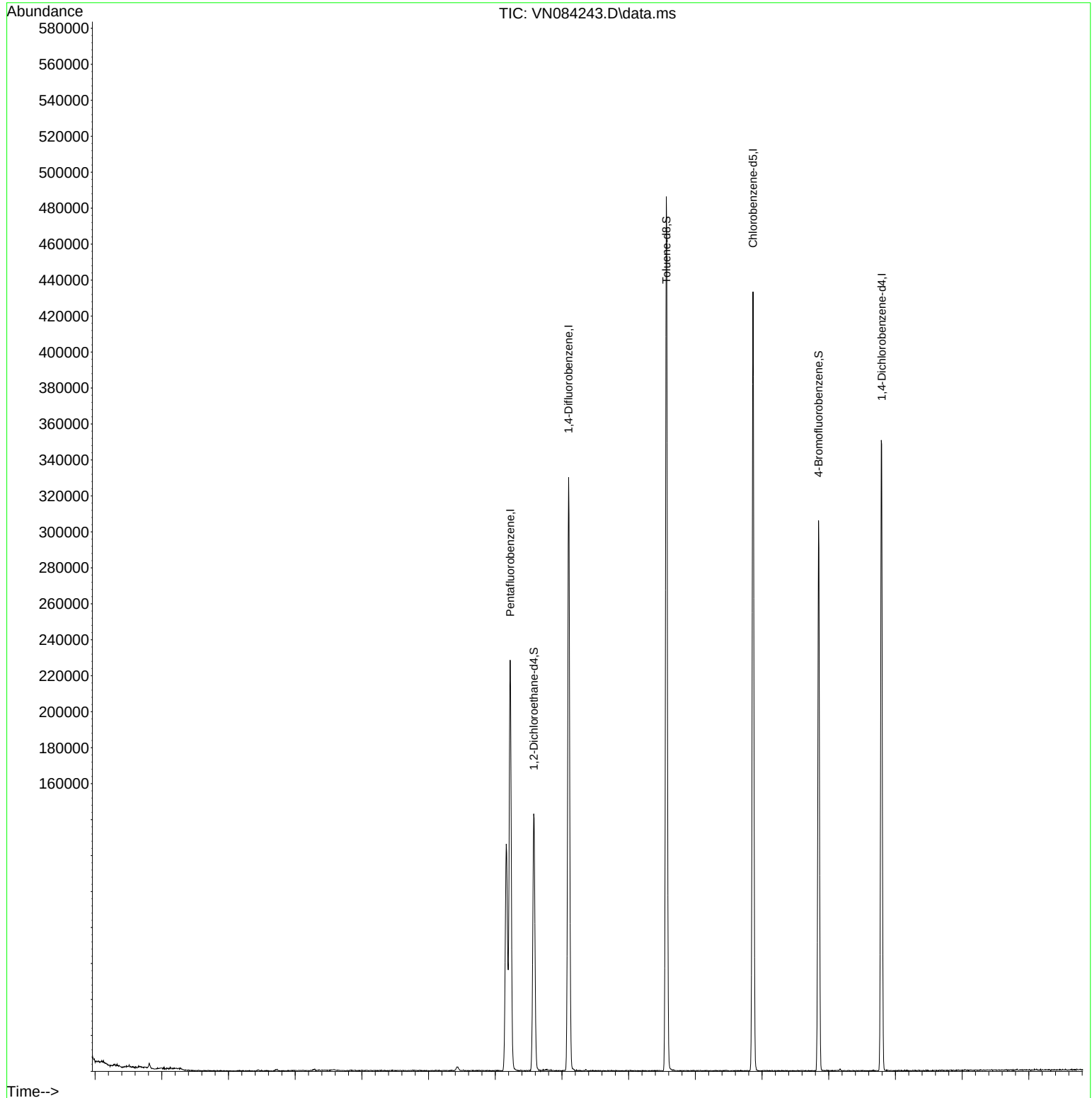
Target Compounds Qvalue

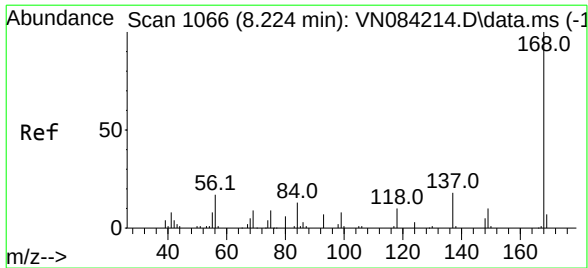
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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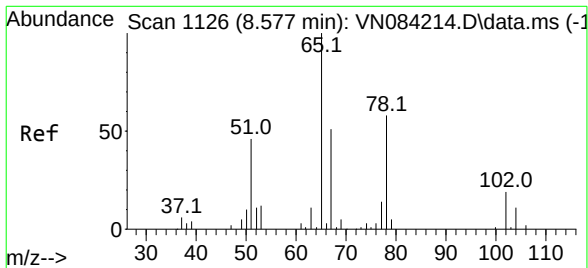
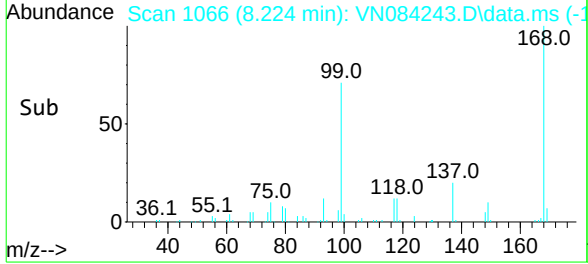
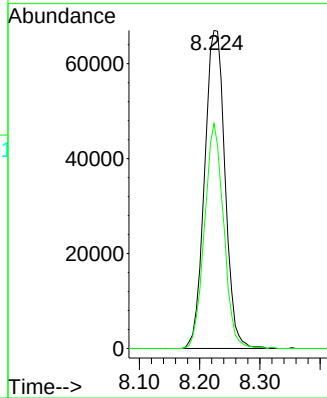
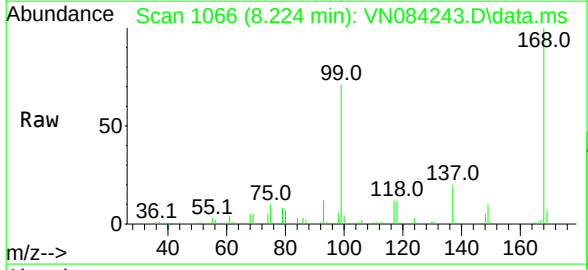




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084243.D
Acq: 01 Oct 2024 16:42

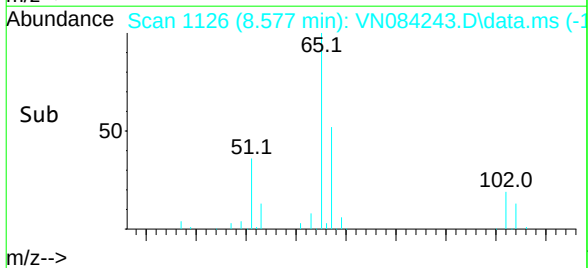
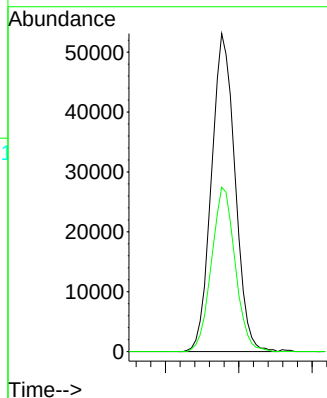
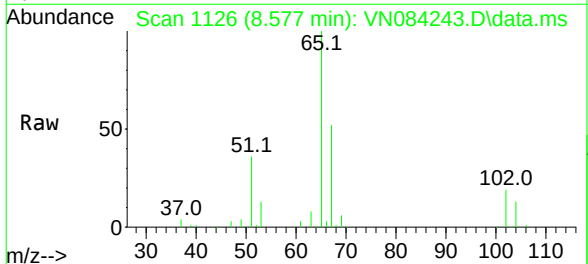
Instrument :
MSVOA_N
ClientSampleId :
DRUM-2

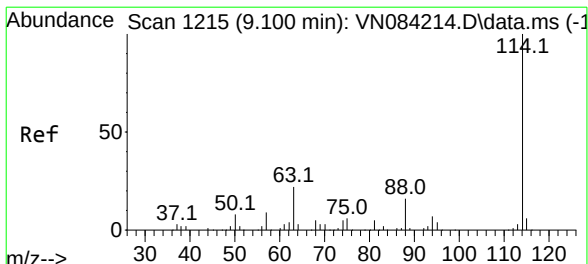
Tgt Ion:168 Resp: 157857
Ion Ratio Lower Upper
168 100
99 70.7 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 50.624 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084243.D
Acq: 01 Oct 2024 16:42

Tgt Ion: 65 Resp: 118486
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.0

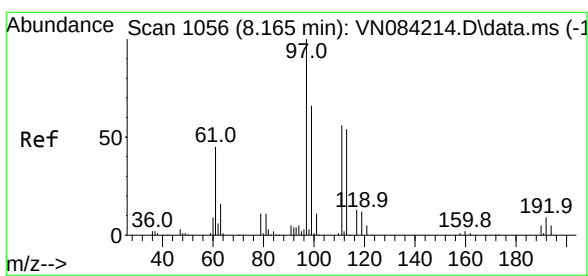
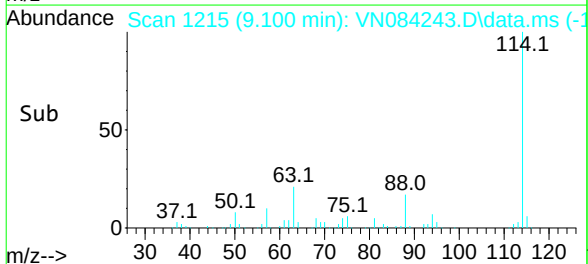
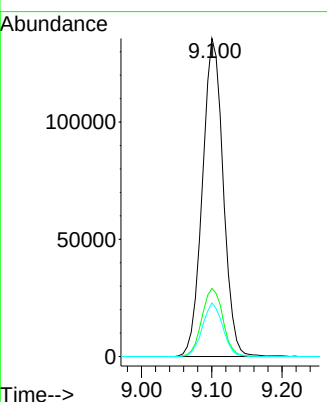
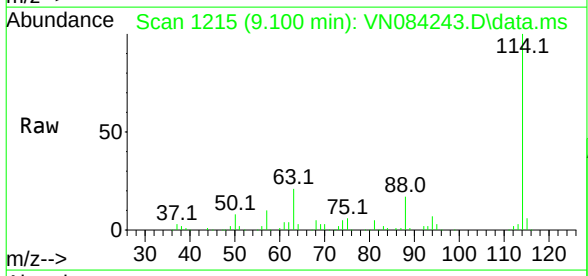




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VN084243.D
 Acq: 01 Oct 2024 16:42

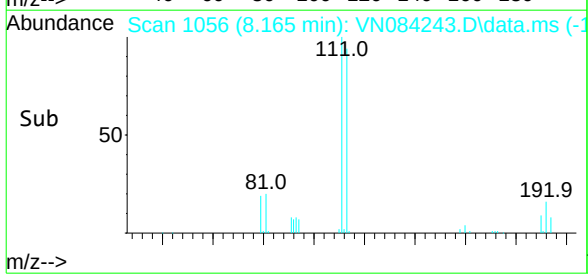
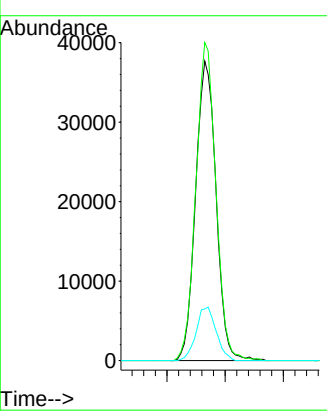
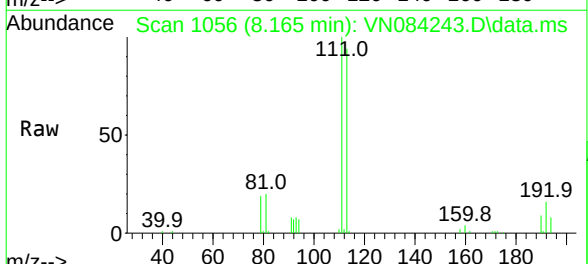
Instrument :
 MSVOA_N
 ClientSampleId :
 DRUM-2

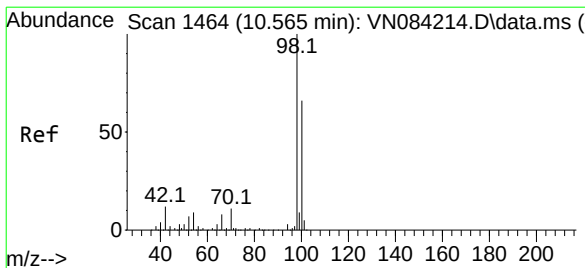
Tgt Ion:	114	Resp:	278260
Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.8
88	16.8	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 50.249 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084243.D
 Acq: 01 Oct 2024 16:42

Tgt Ion:	113	Resp:	92180
Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.3	124.9
192	17.5	13.5	20.3





#50

Toluene-d8

Concen: 50.107 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084243.D

Acq: 01 Oct 2024 16:42

Instrument :

MSVOA_N

ClientSampleId :

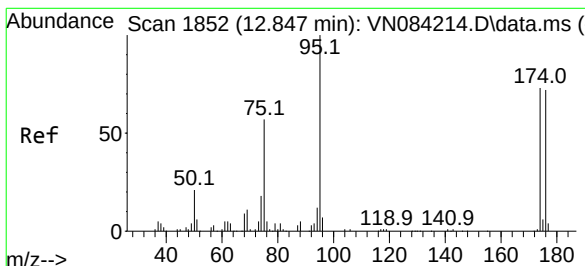
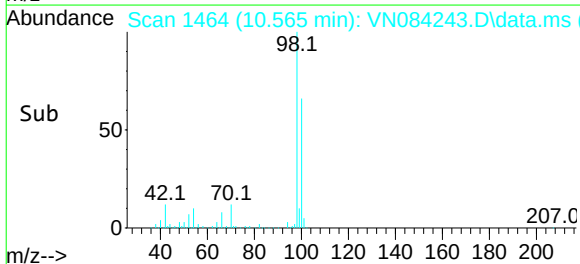
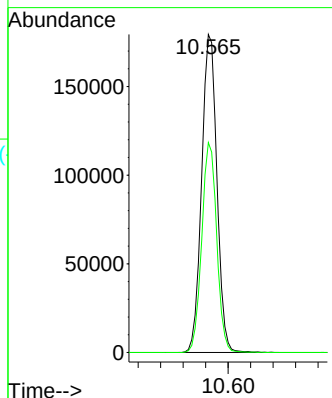
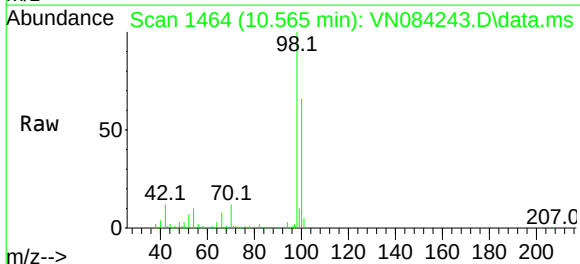
DRUM-2

Tgt Ion: 98 Resp: 338179

Ion Ratio Lower Upper

98 100

100 64.7 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 43.164 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084243.D

Acq: 01 Oct 2024 16:42

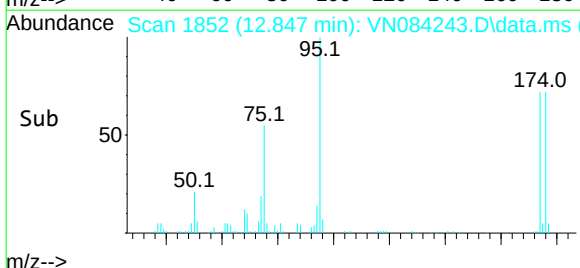
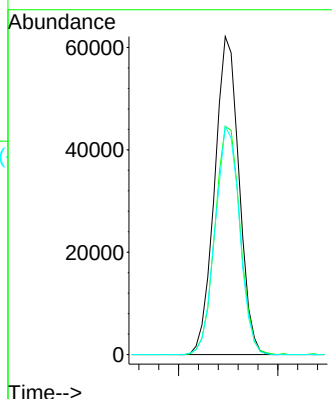
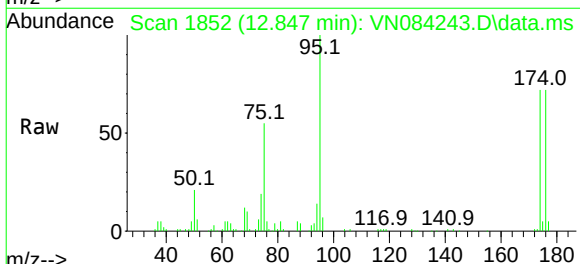
Tgt Ion: 95 Resp: 106132

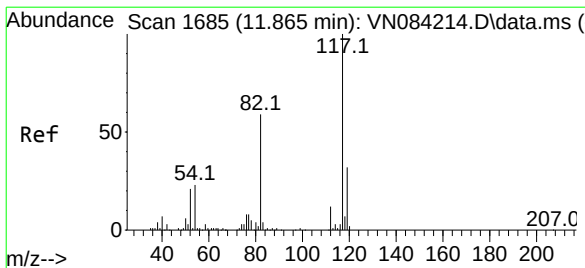
Ion Ratio Lower Upper

95 100

174 73.9 0.0 145.2

176 72.1 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: VN084243.D

Acq: 01 Oct 2024 16:42

Instrument :

MSVOA_N

ClientSampleId :

DRUM-2

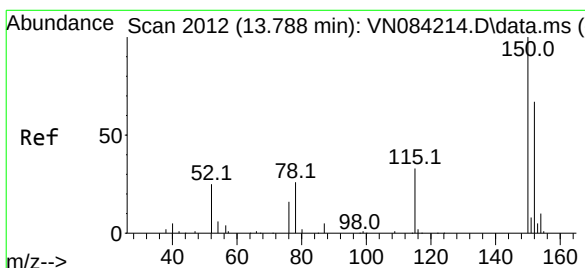
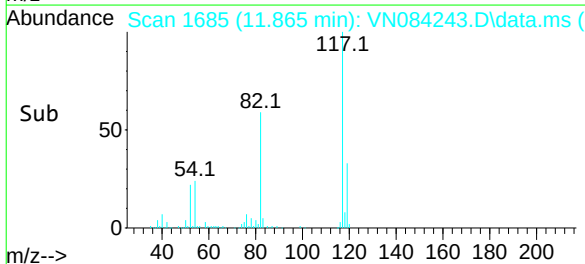
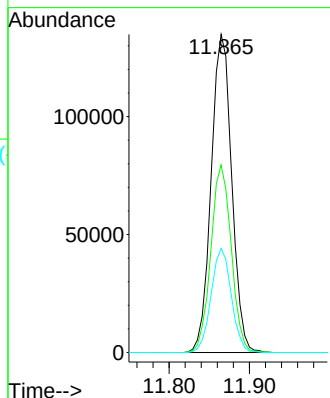
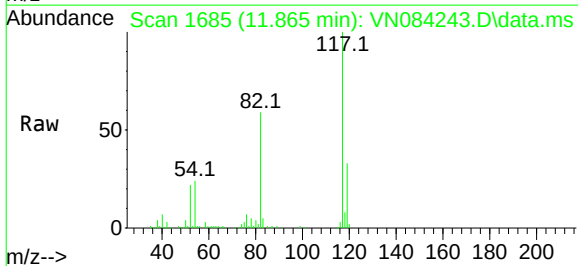
Tgt Ion:117 Resp: 240070

Ion Ratio Lower Upper

117 100

82 59.0 47.2 70.8

119 32.7 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN084243.D

Acq: 01 Oct 2024 16:42

Tgt Ion:152 Resp: 93717

Ion Ratio Lower Upper

152 100

115 62.8 31.3 93.9

150 160.2 0.0 349.8

