

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110624\
 Data File : VN084707.D
 Acq On : 06 Nov 2024 13:38
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Nov 07 00:18:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	168184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	289384	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	251159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	116558	47.983	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.960%
35) Dibromofluoromethane	8.165	113	96365	49.196	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.400%
50) Toluene-d8	10.565	98	336049	46.573	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.140%
62) 4-Bromofluorobenzene	12.847	95	124622	46.213	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	92.420%

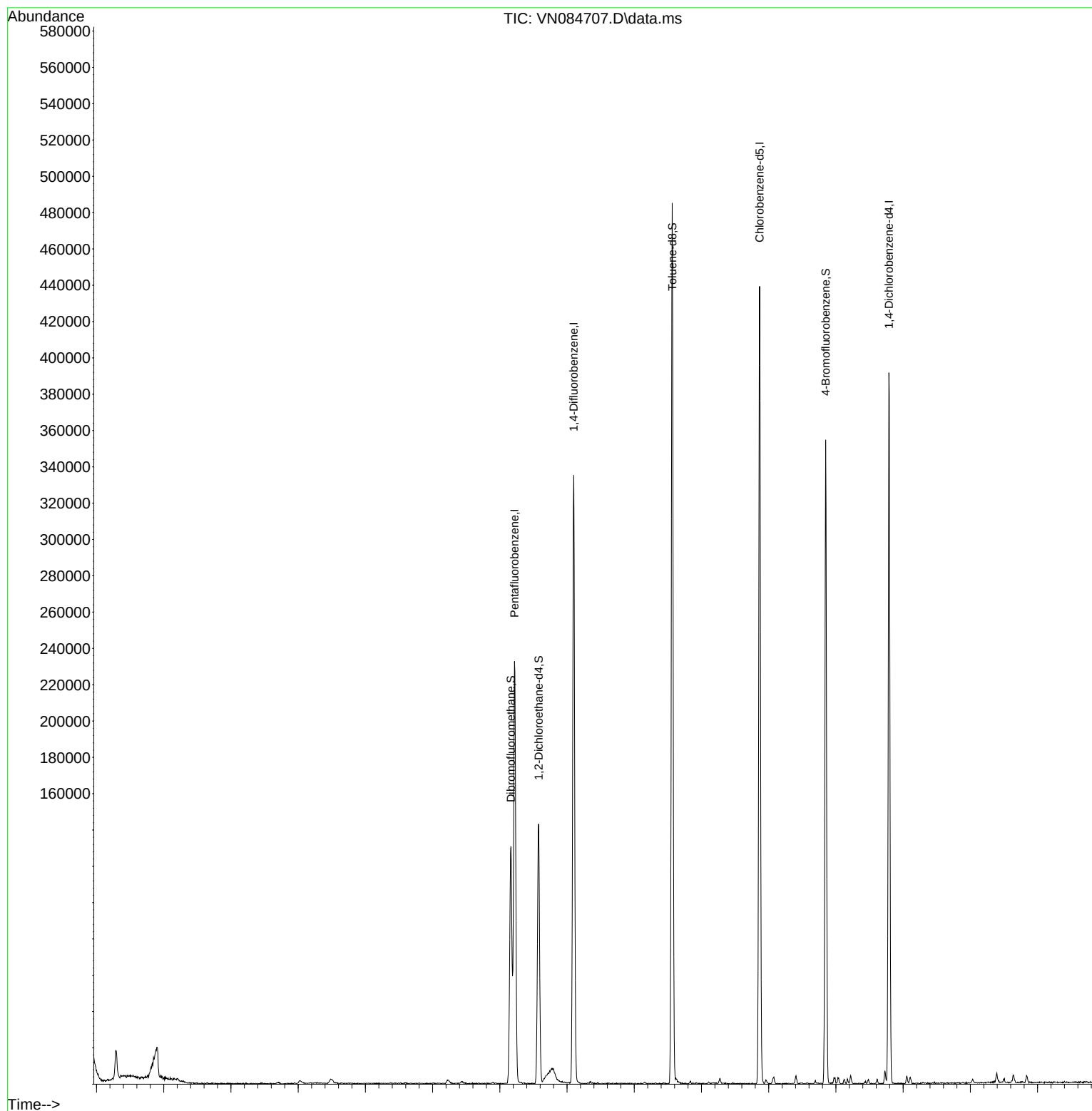
Target Compounds Qvalue

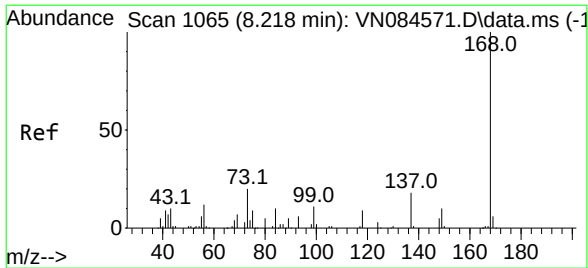
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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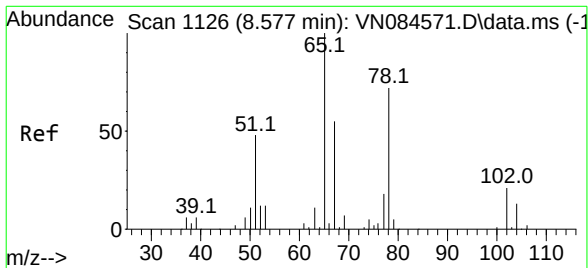
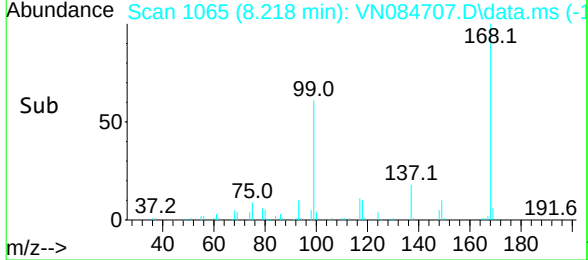
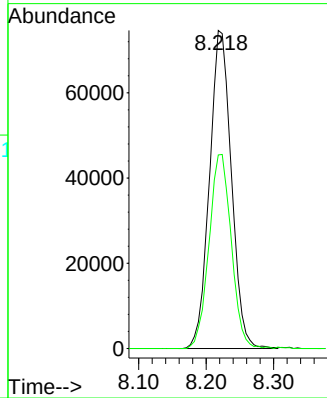
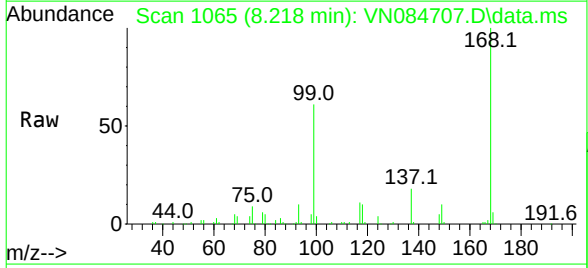




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084707.D
Acq: 06 Nov 2024 13:38

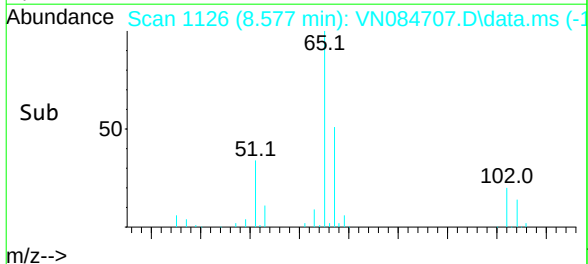
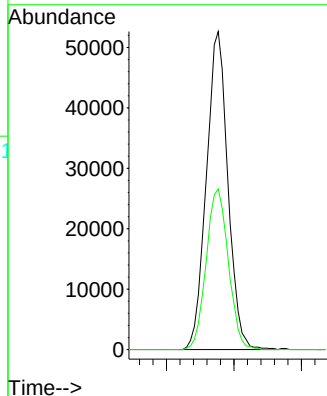
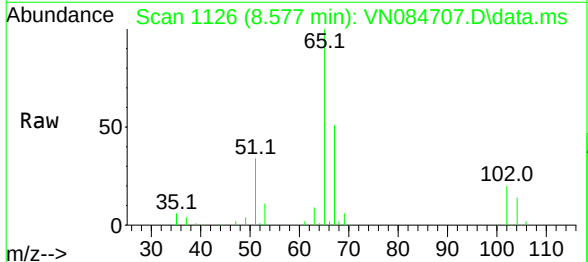
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

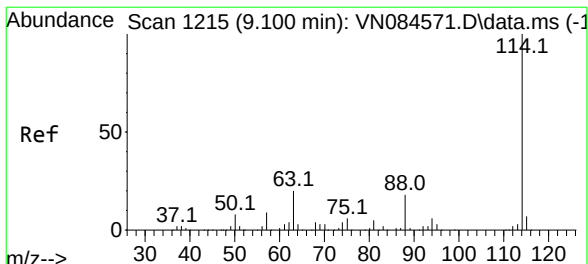
Tgt Ion:168 Resp: 168184
Ion Ratio Lower Upper
168 100
99 60.9 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 47.983 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084707.D
Acq: 06 Nov 2024 13:38

Tgt Ion: 65 Resp: 116558
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.0

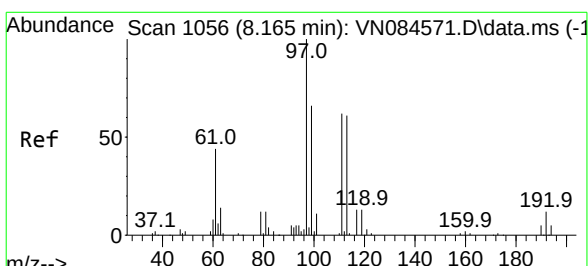
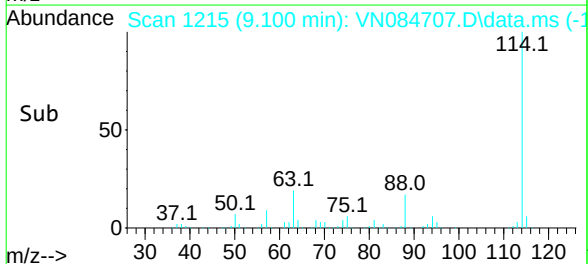
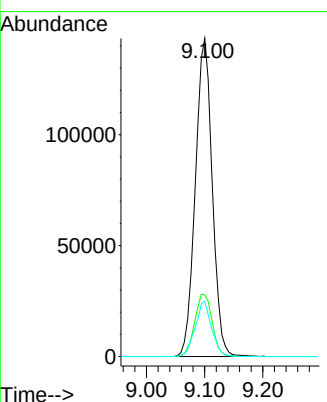
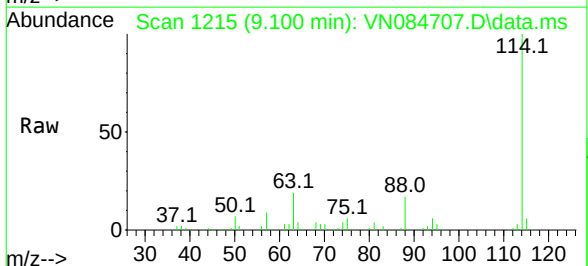




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VN084707.D
 Acq: 06 Nov 2024 13:38

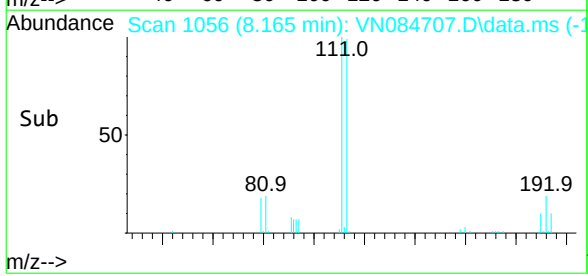
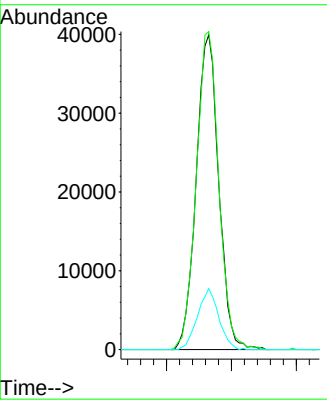
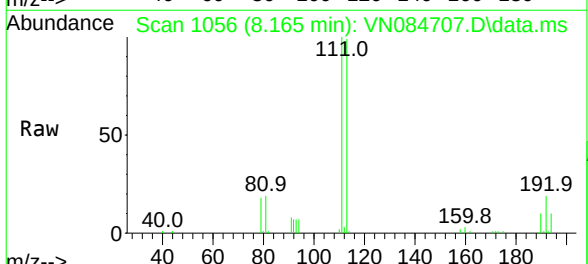
Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

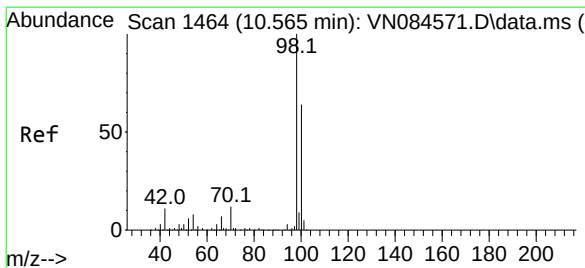
Tgt Ion:	114	Resp:	289384
Ion Ratio	Lower	Upper	
114	100		
63	19.4	0.0	43.8
88	17.3	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 49.196 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084707.D
 Acq: 06 Nov 2024 13:38

Tgt Ion:	113	Resp:	96365
Ion Ratio	Lower	Upper	
113	100		
111	101.1	83.3	124.9
192	18.2	13.5	20.3





#50

Toluene-d8

Concen: 46.573 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084707.D

Acq: 06 Nov 2024 13:38

Instrument :

MSVOA_N

ClientSampleId :

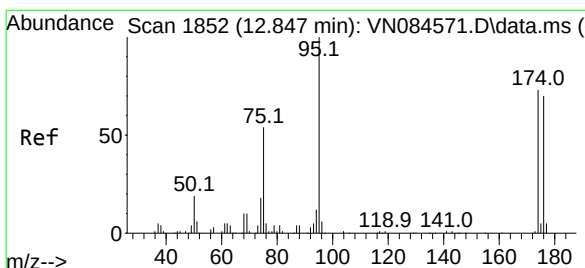
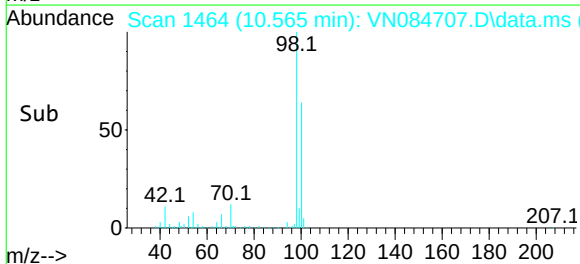
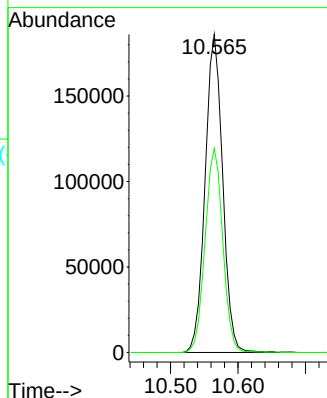
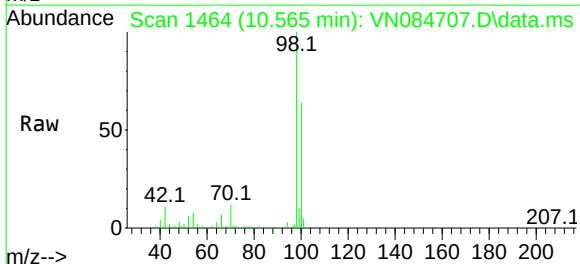
VIBLK

Tgt Ion: 98 Resp: 336049

Ion Ratio Lower Upper

98 100

100 64.6 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 46.213 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084707.D

Acq: 06 Nov 2024 13:38

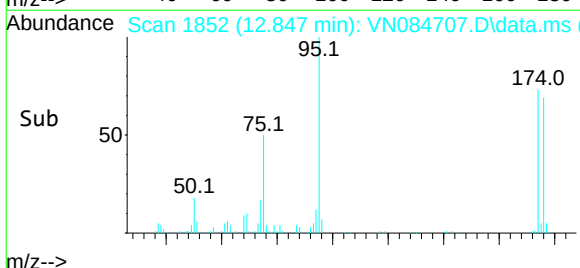
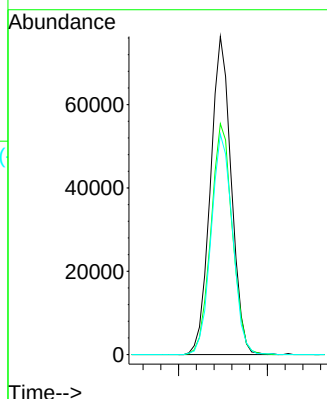
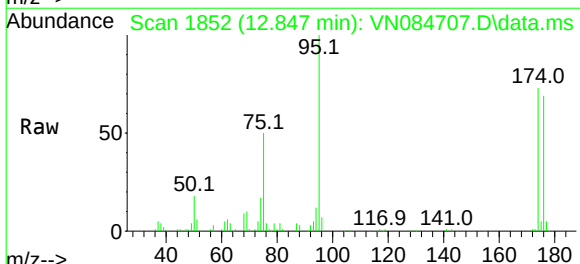
Tgt Ion: 95 Resp: 124622

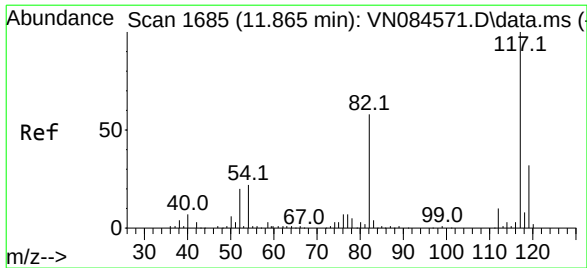
Ion Ratio Lower Upper

95 100

174 74.5 0.0 145.2

176 71.0 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: VN084707.D

Acq: 06 Nov 2024 13:38

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

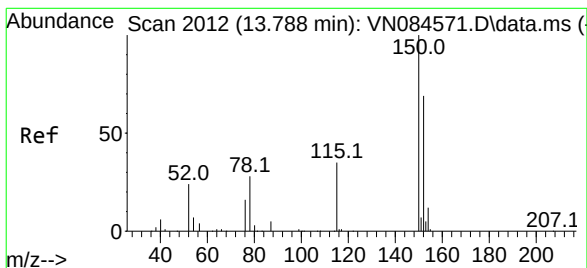
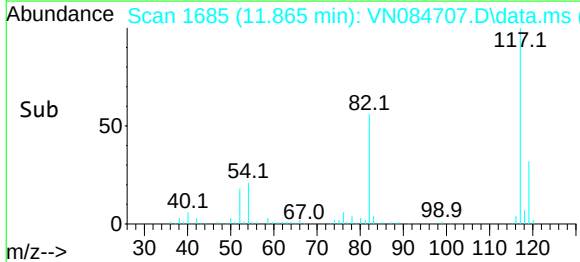
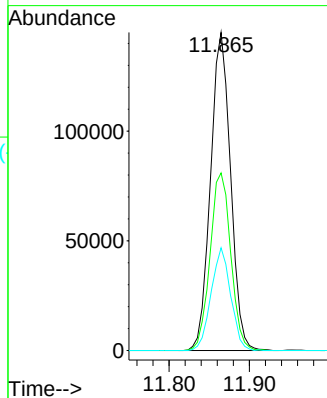
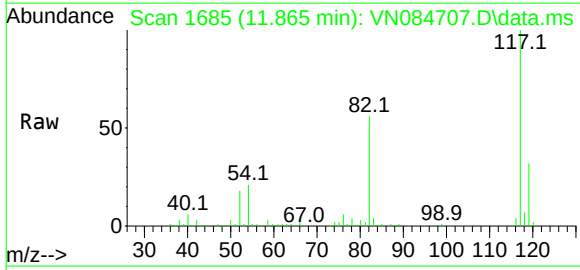
Tgt Ion:117 Resp: 251159

Ion Ratio Lower Upper

117 100

82 55.8 47.2 70.8

119 32.3 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: VN084707.D

Acq: 06 Nov 2024 13:38

Tgt Ion:152 Resp: 109492

Ion Ratio Lower Upper

152 100

115 61.8 31.3 93.9

150 154.6 0.0 349.8

