

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110724\
 Data File : VN084723.D
 Acq On : 07 Nov 2024 15:57
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Nov 08 00:27:57 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	191823	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	330647	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	292622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	134221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	136257	49.180	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	98.360%	
35) Dibromofluoromethane	8.165	113	108467	48.464	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	96.920%	
50) Toluene-d8	10.565	98	390555	47.372	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	94.740%	
62) 4-Bromofluorobenzene	12.847	95	142885	46.373	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	92.740%	

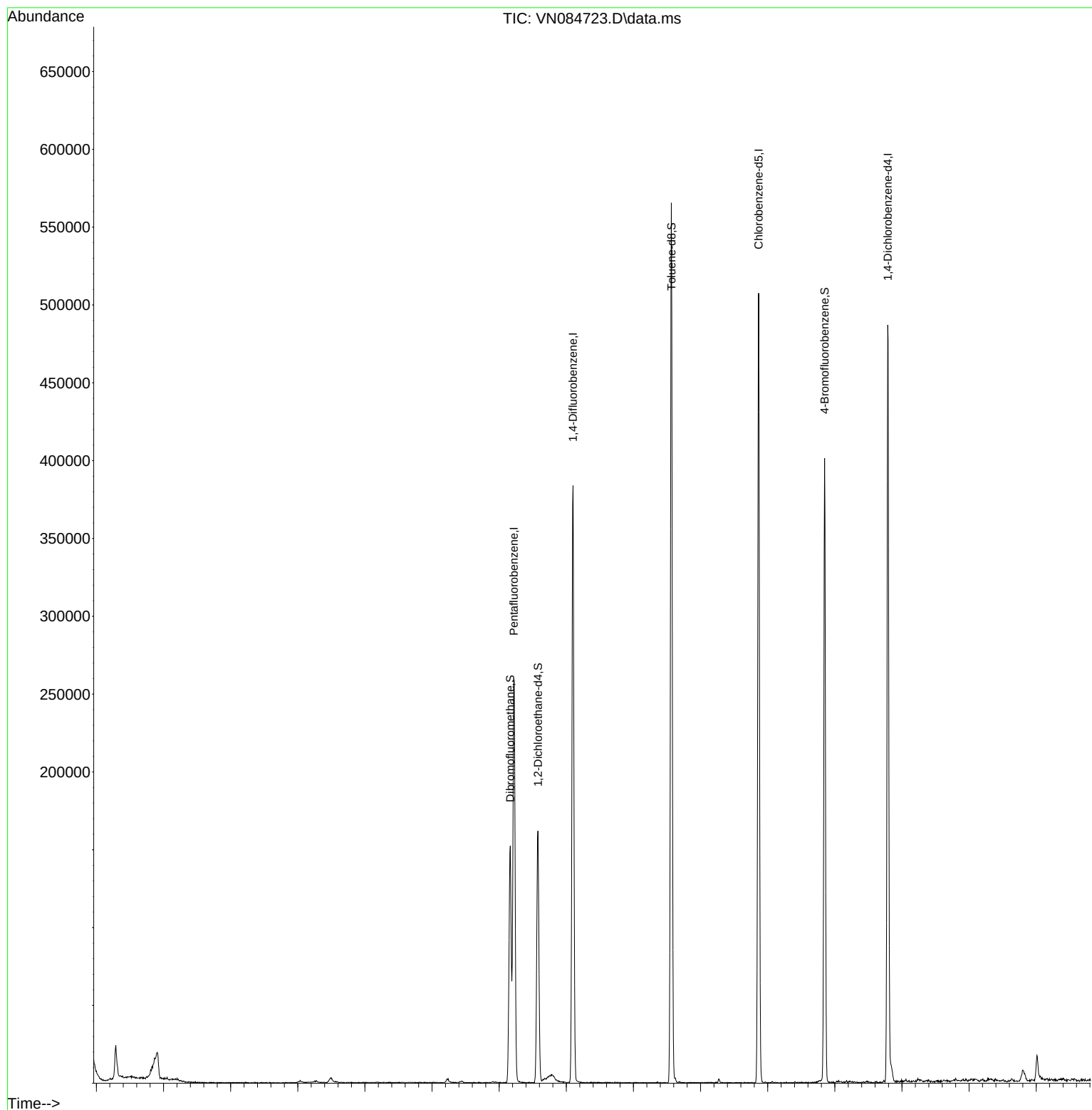
Target Compounds Qvalue

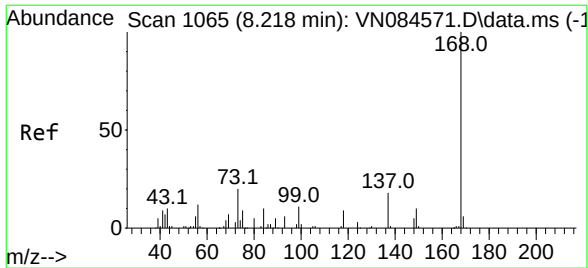
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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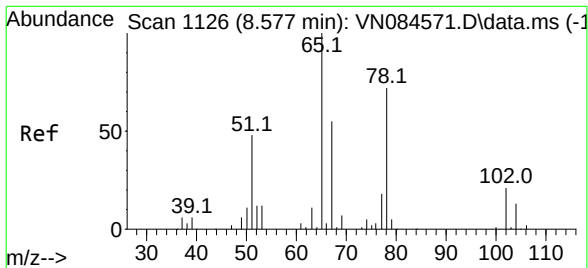
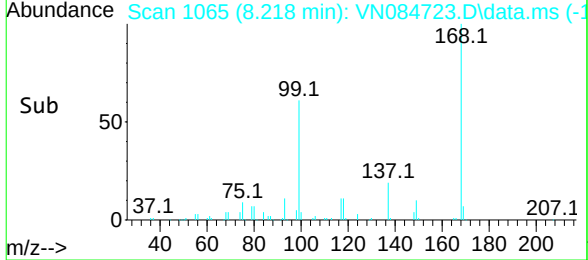
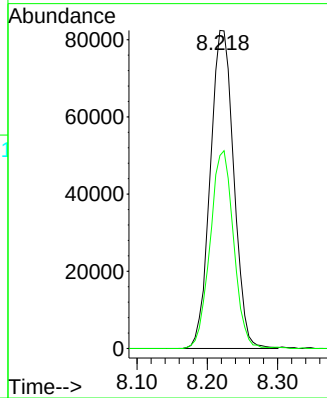
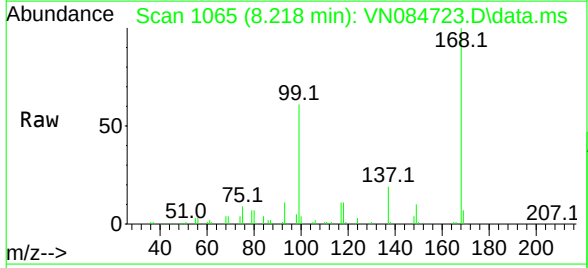


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084723.D
Acq: 07 Nov 2024 15:57

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

Tgt Ion: 168 Resp: 191823

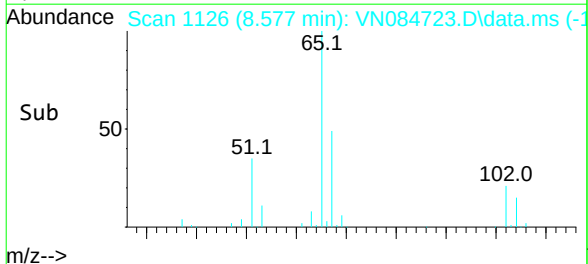
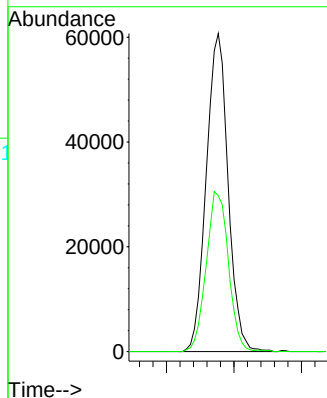
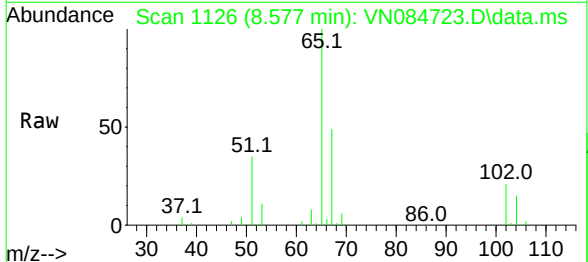
Ion	Ratio	Lower	Upper
168	100		
99	60.7	54.2	81.2

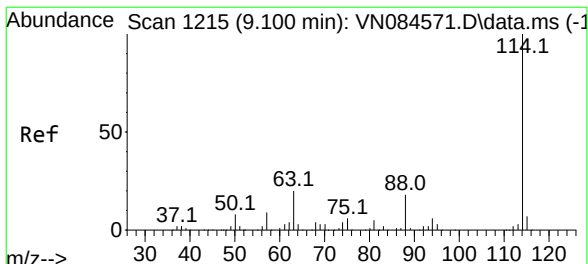


#33
1,2-Dichloroethane-d4
Concen: 49.180 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084723.D
Acq: 07 Nov 2024 15:57

Tgt Ion: 65 Resp: 136257

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.0

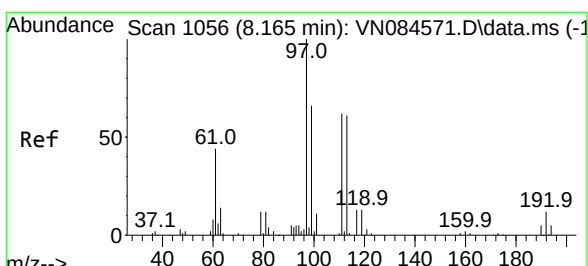
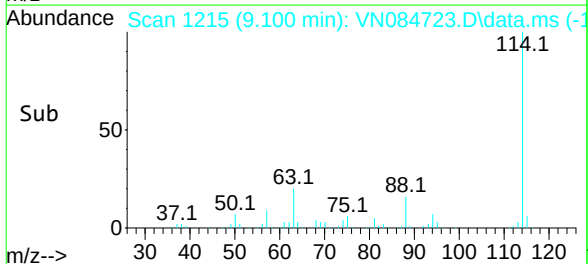
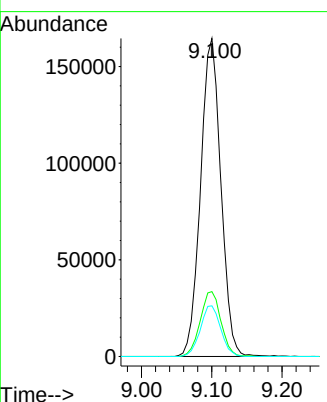
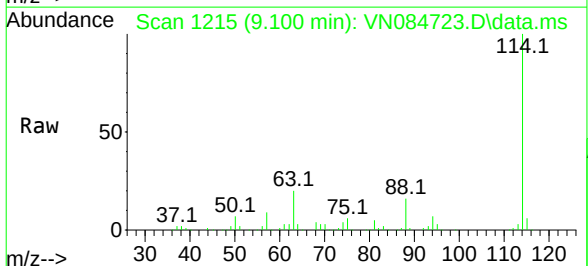




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084723.D
 Acq: 07 Nov 2024 15:57

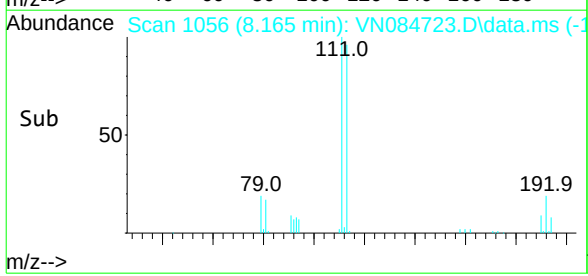
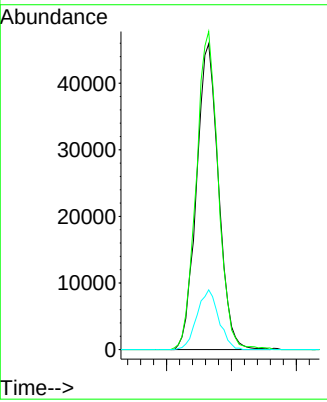
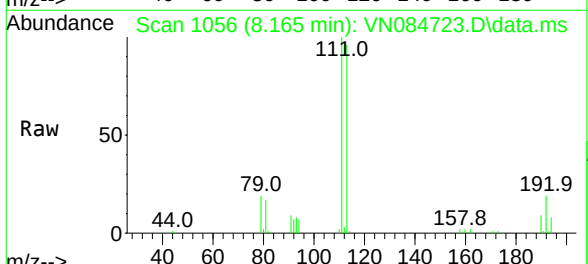
Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

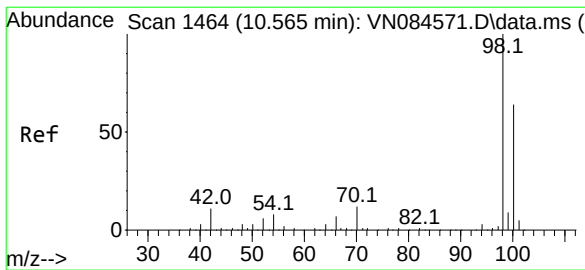
Tgt Ion:	114	Resp:	330647
Ion Ratio	Lower	Upper	
114	100		
63	20.4	0.0	43.8
88	15.9	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 48.464 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084723.D
 Acq: 07 Nov 2024 15:57

Tgt Ion:	113	Resp:	108467
Ion Ratio	Lower	Upper	
113	100		
111	103.8	83.3	124.9
192	19.2	13.5	20.3





#50

Toluene-d8

Concen: 47.372 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084723.D

Acq: 07 Nov 2024 15:57

Instrument :

MSVOA_N

ClientSampleId :

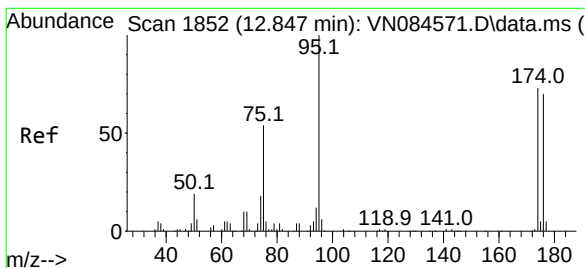
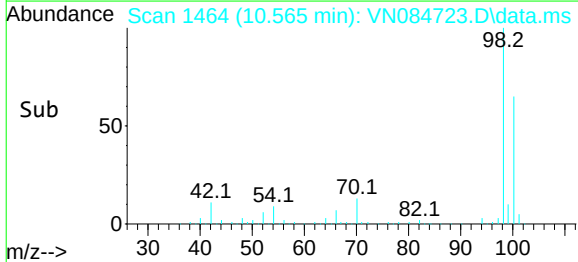
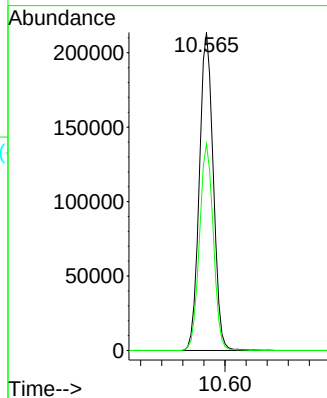
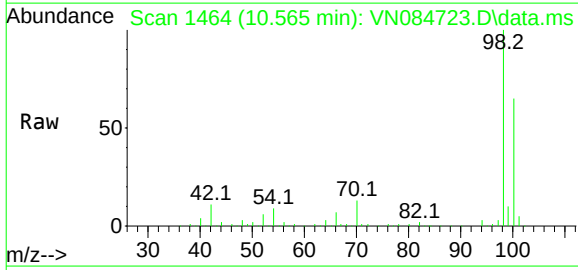
VIBLK

Tgt Ion: 98 Resp: 390555

Ion Ratio Lower Upper

98 100

100 64.7 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 46.373 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084723.D

Acq: 07 Nov 2024 15:57

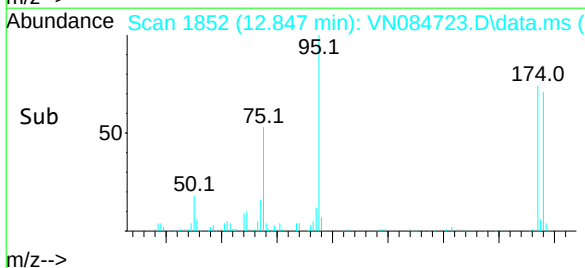
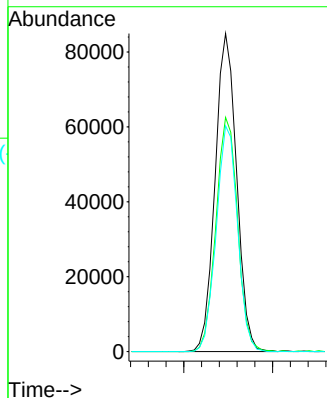
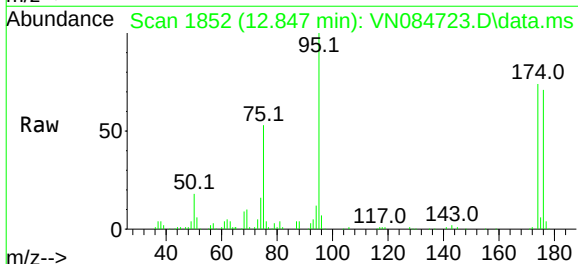
Tgt Ion: 95 Resp: 142885

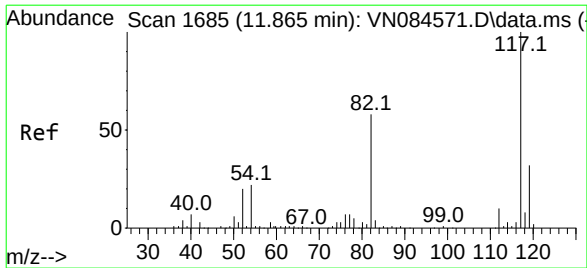
Ion Ratio Lower Upper

95 100

174 74.1 0.0 145.2

176 70.3 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: VN084723.D

Acq: 07 Nov 2024 15:57

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

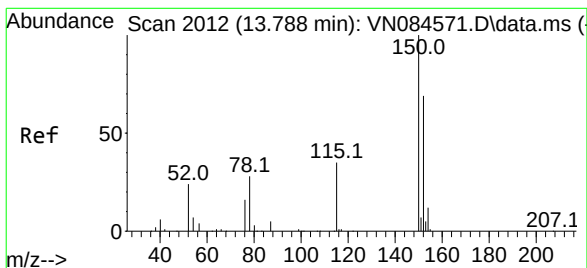
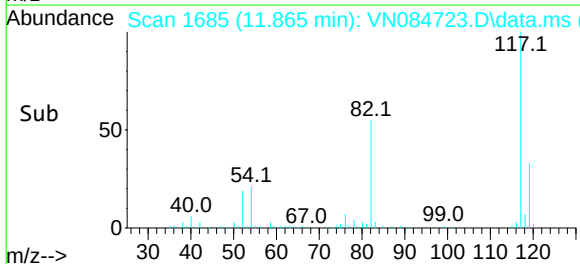
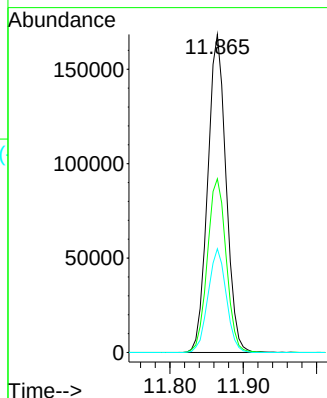
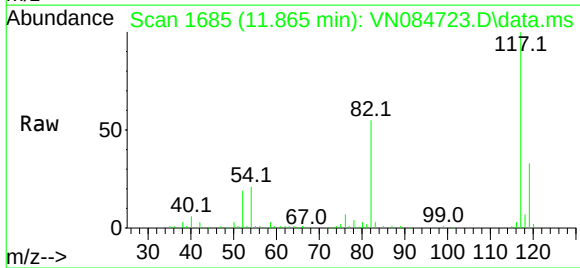
Tgt Ion:117 Resp: 292622

Ion Ratio Lower Upper

117 100

82 54.6 47.2 70.8

119 32.6 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: VN084723.D

Acq: 07 Nov 2024 15:57

Tgt Ion:152 Resp: 134221

Ion Ratio Lower Upper

152 100

115 63.1 31.3 93.9

150 158.9 0.0 349.8

