

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050324\
 Data File : VN081988.D
 Acq On : 03 May 2024 13:48
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: May 06 01:54:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	161084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	323280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	297748	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	130662	48.061	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	96.120%	
35) Dibromofluoromethane	8.171	113	95361	48.993	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	97.980%	
50) Toluene-d8	10.571	98	413085	54.037	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	108.080%	
62) 4-Bromofluorobenzene	12.847	95	140701	46.561	ug/l	0.00
Spiked Amount	50.000	Range 64 - 133	Recovery	=	93.120%	

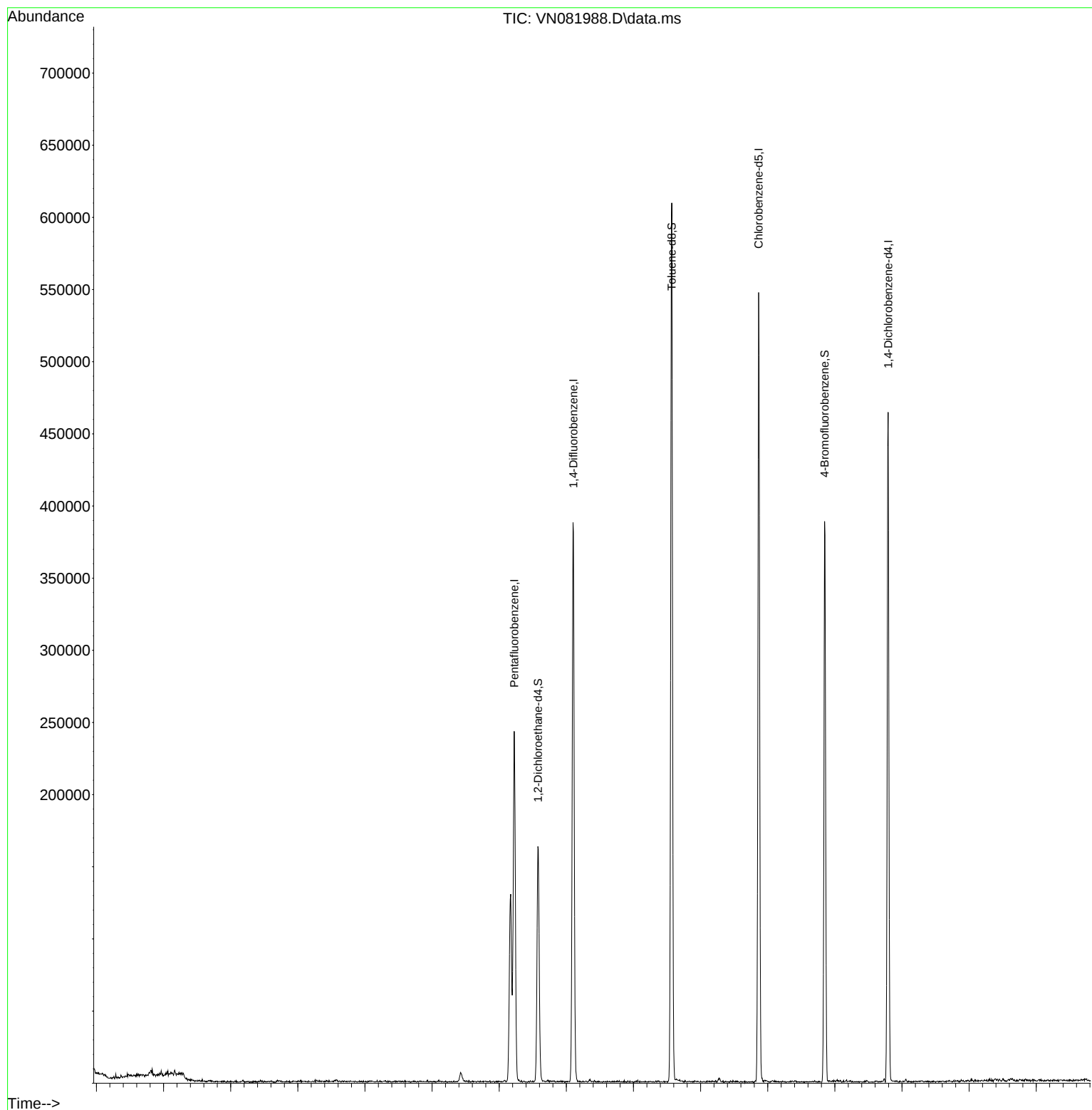
Target Compounds Qvalue

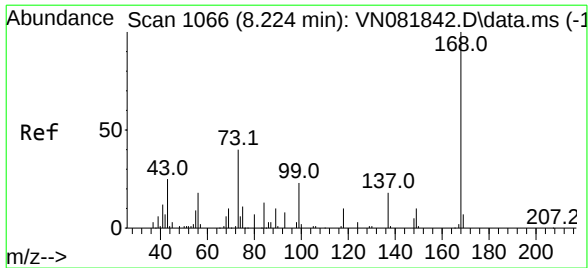
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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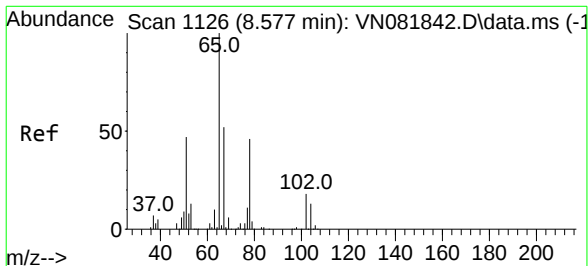
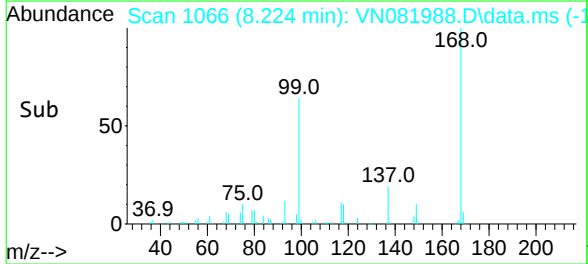
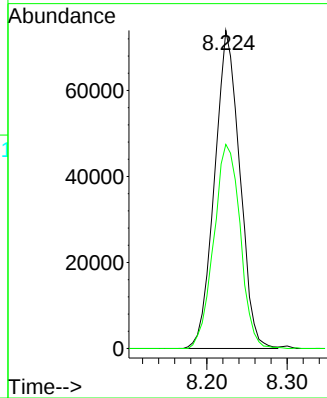
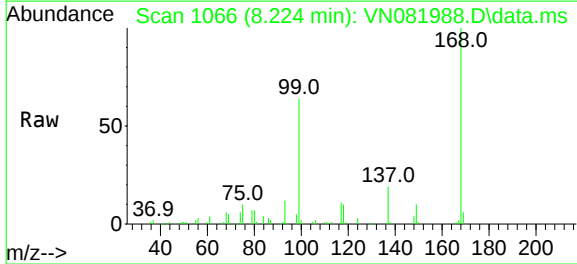




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081988.D
Acq: 03 May 2024 13:48

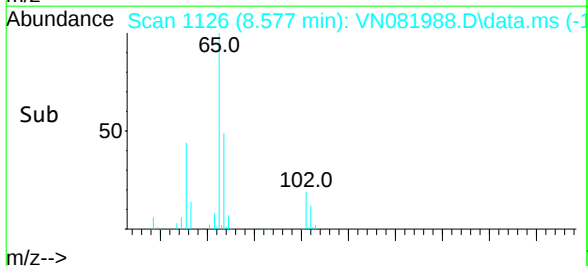
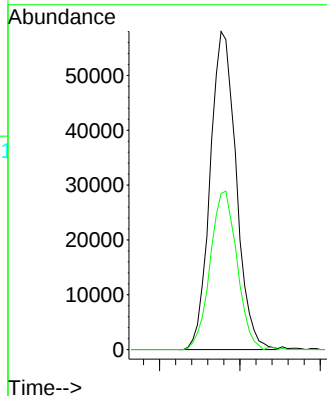
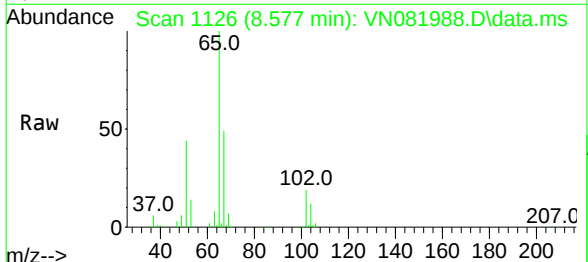
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

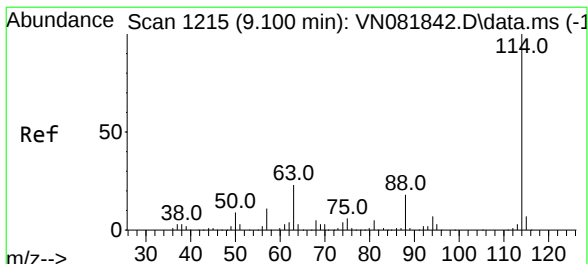
Tgt Ion:168 Resp: 161084
Ion Ratio Lower Upper
168 100
99 64.2 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 48.061 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN081988.D
Acq: 03 May 2024 13:48

Tgt Ion: 65 Resp: 130662
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.0

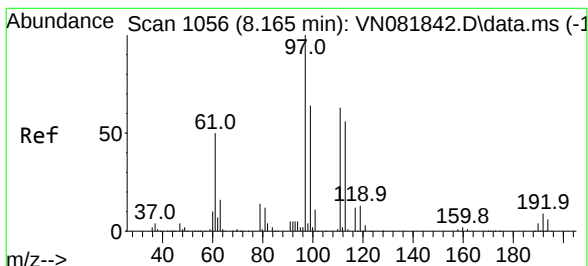
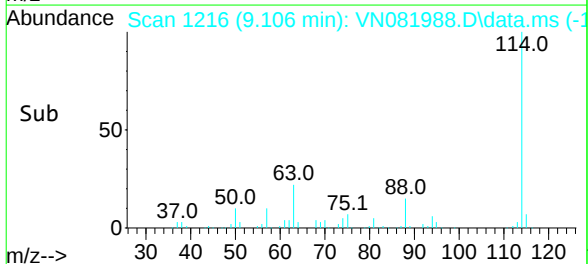
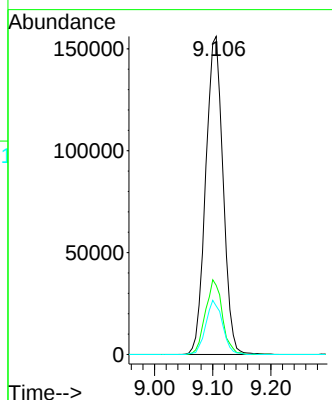
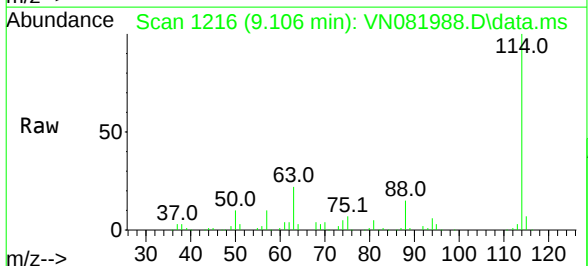




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN081988.D
 Acq: 03 May 2024 13:48

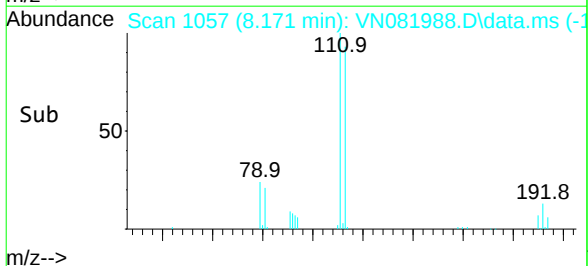
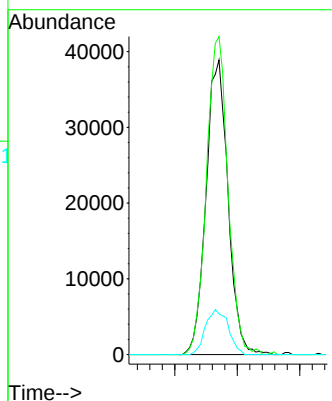
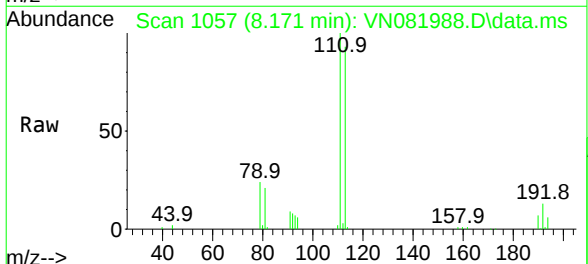
Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

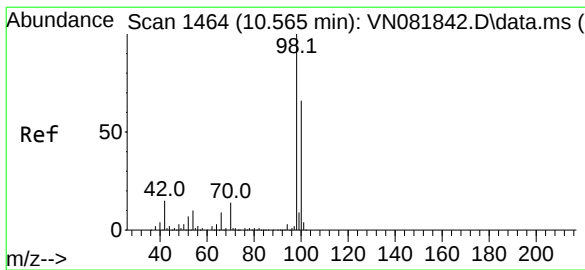
Tgt Ion:	114	Resp:	323280
Ion Ratio	Lower	Upper	
114	100		
63	21.7	0.0	41.0
88	15.2	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 48.993 ug/l
 RT: 8.171 min Scan# 1057
 Delta R.T. 0.006 min
 Lab File: VN081988.D
 Acq: 03 May 2024 13:48

Tgt Ion:	113	Resp:	95361
Ion Ratio	Lower	Upper	
113	100		
111	105.7	83.4	125.2
192	15.8	14.0	21.0





#50

Toluene-d8

Concen: 54.037 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN081988.D

Acq: 03 May 2024 13:48

Instrument :

MSVOA_N

ClientSampleId :

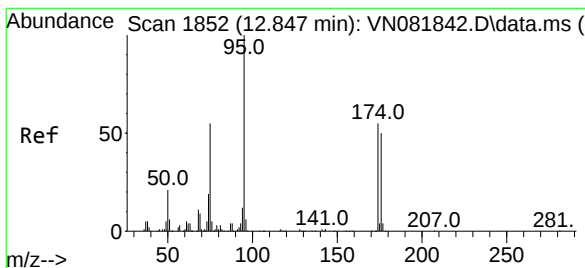
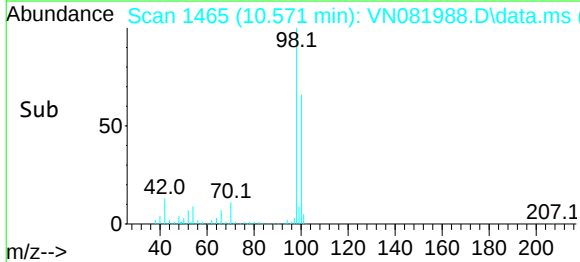
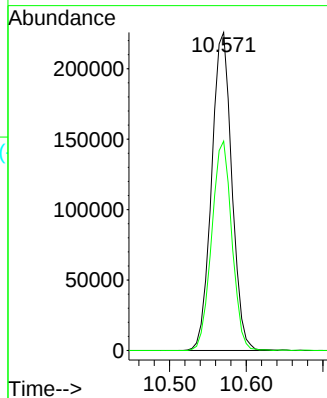
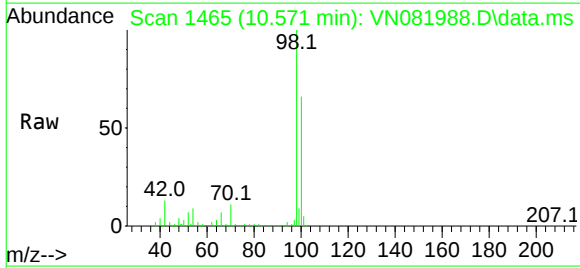
VIBLK

Tgt Ion: 98 Resp: 413085

Ion Ratio Lower Upper

98 100

100 65.6 51.8 77.6



#62

4-Bromofluorobenzene

Concen: 46.561 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN081988.D

Acq: 03 May 2024 13:48

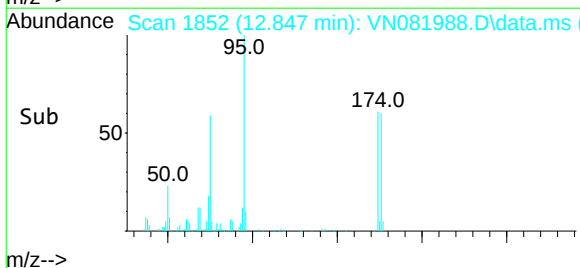
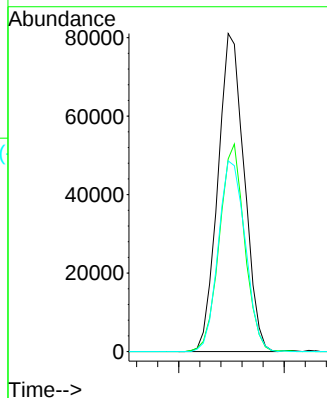
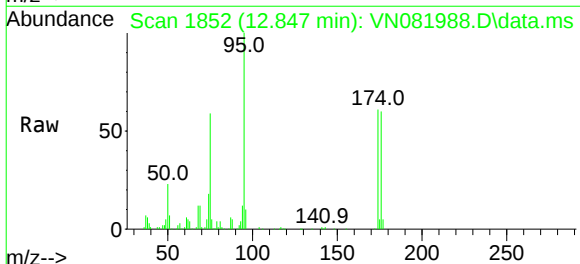
Tgt Ion: 95 Resp: 140701

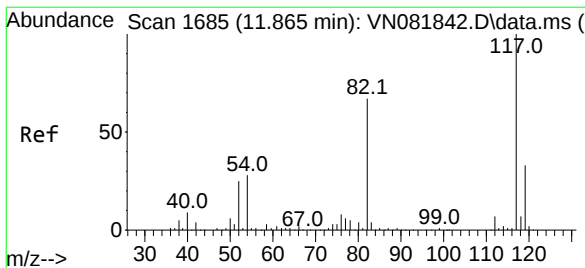
Ion Ratio Lower Upper

95 100

174 62.4 0.0 160.6

176 61.5 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. -0.000 min

Lab File: VN081988.D

Acq: 03 May 2024 13:48

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

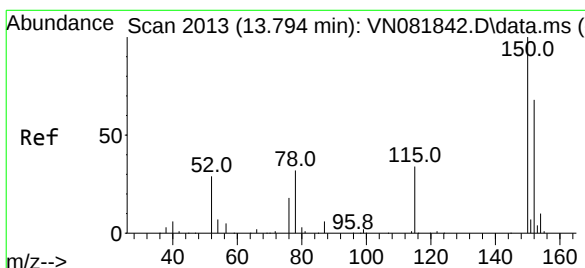
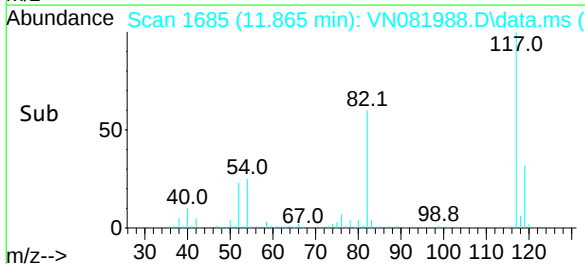
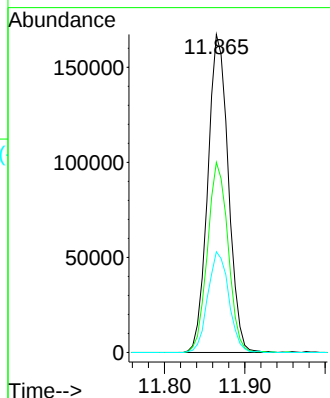
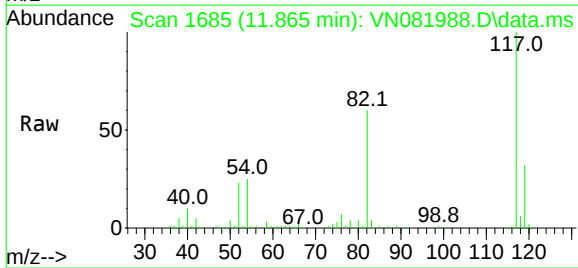
Tgt Ion:117 Resp: 297748

Ion Ratio Lower Upper

117 100

82 59.8 44.6 66.8

119 31.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081988.D

Acq: 03 May 2024 13:48

Tgt Ion:152 Resp: 113038

Ion Ratio Lower Upper

152 100

115 66.6 30.4 91.3

150 160.3 0.0 353.2

