

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100324\
 Data File : VN084285.D
 Acq On : 03 Oct 2024 09:42
 Operator : JC\MD
 Sample : VN1003WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBL01

Quant Time: Oct 04 01:29:02 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	163611	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	286487	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	98264	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125911	51.904	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.800%
35) Dibromofluoromethane	8.165	113	98018	51.897	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.800%
50) Toluene-d8	10.565	98	350297	50.412	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.820%
62) 4-Bromofluorobenzene	12.847	95	117713	46.499	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.000%

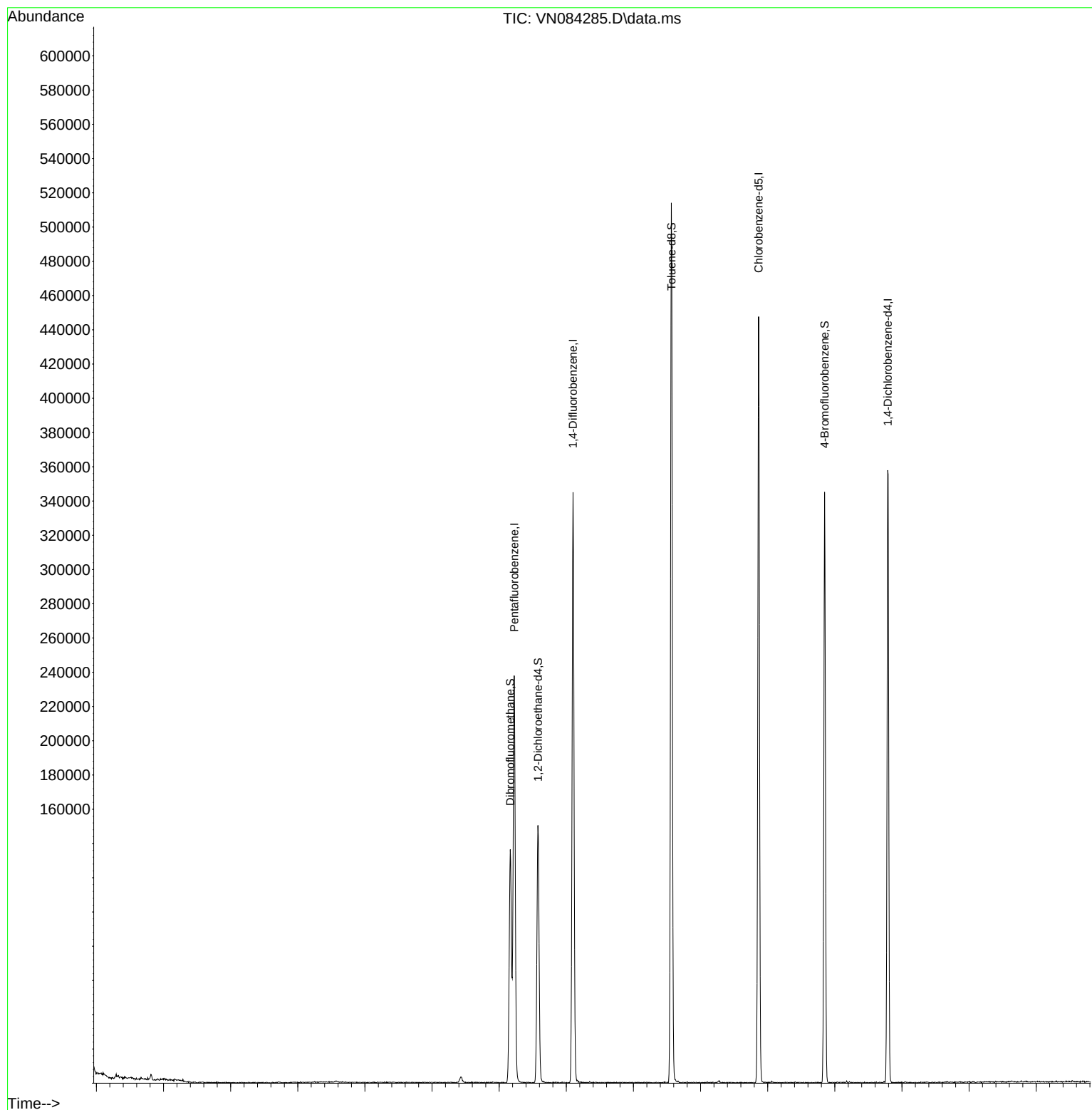
Target Compounds	Qvalue

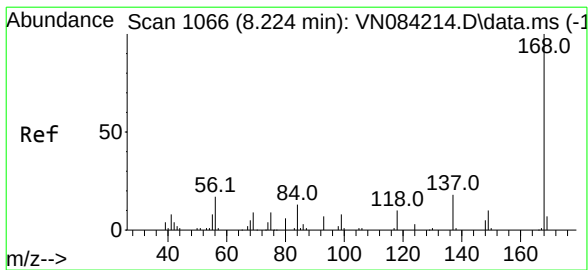
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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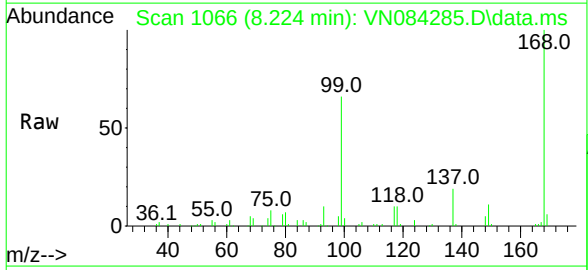
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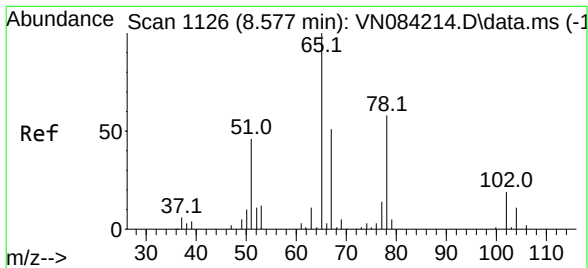
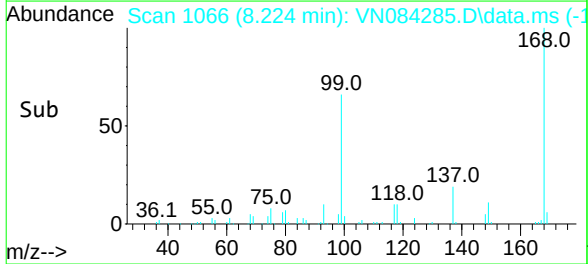
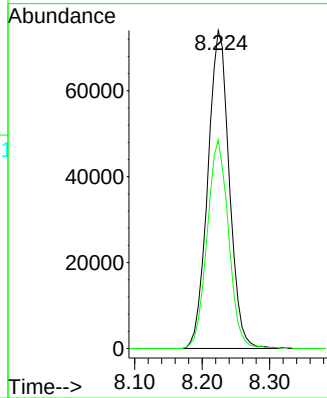


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084285.D
Acq: 03 Oct 2024 09:42

Instrument :
MSVOA_N
ClientSampleId :
VN1003WBL01

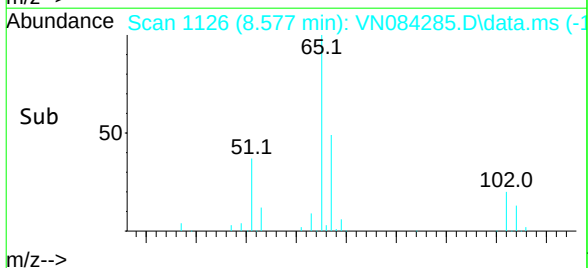
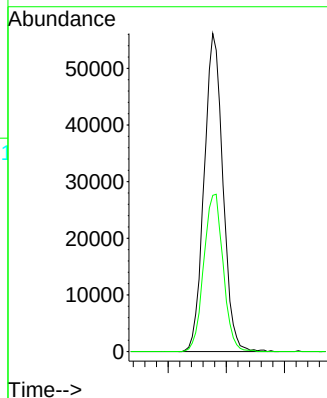
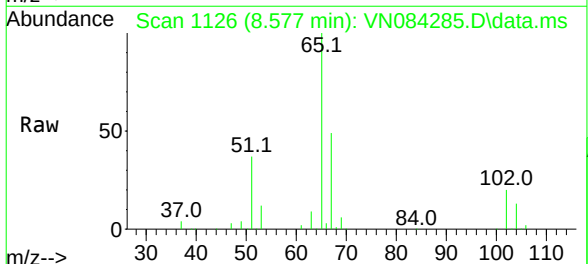


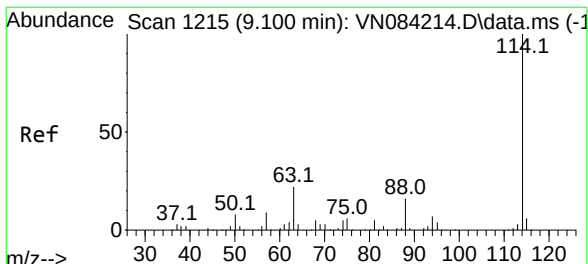
Tgt Ion:168 Resp: 163611
Ion Ratio Lower Upper
168 100
99 65.5 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 51.904 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084285.D
Acq: 03 Oct 2024 09:42

Tgt Ion: 65 Resp: 125911
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.0

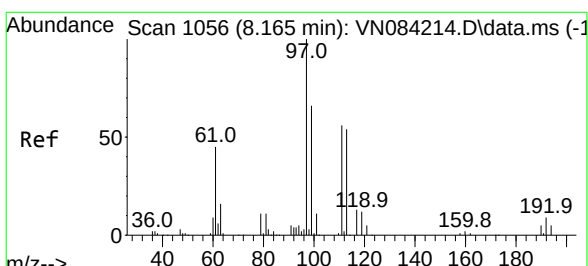
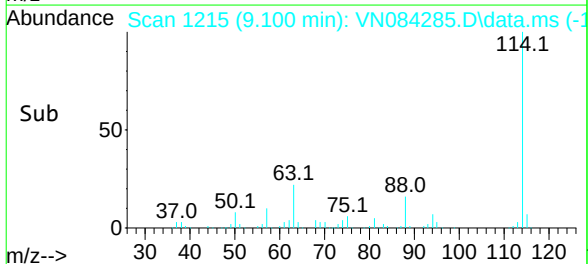
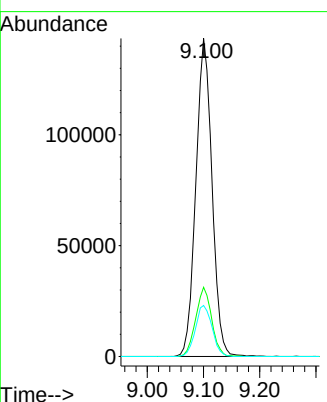
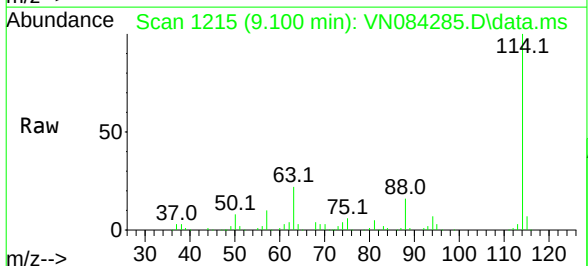




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. 0.000 min
 Lab File: VN084285.D
 Acq: 03 Oct 2024 09:42

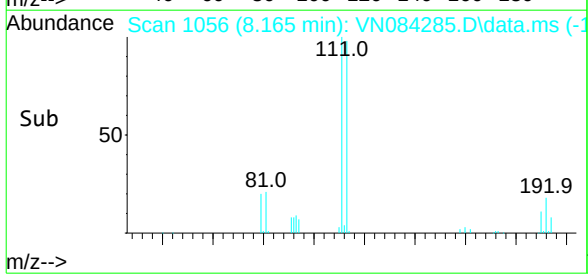
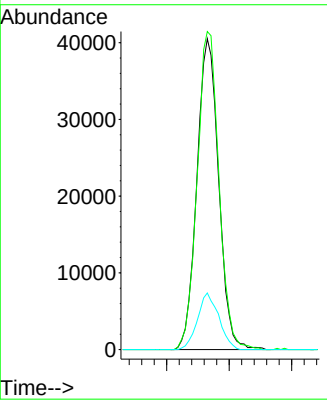
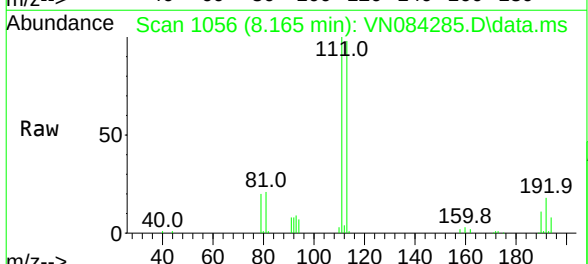
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1003WBL01

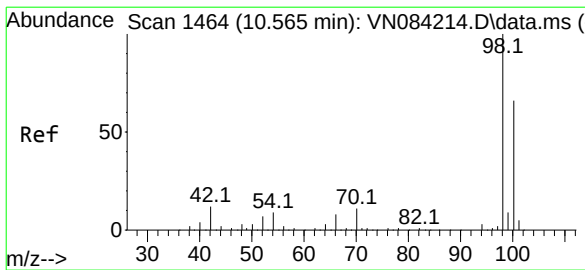
Tgt Ion:	114	Resp:	286487
Ion	Ratio	Lower	Upper
114	100		
63	21.8	0.0	43.8
88	16.0	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 51.897 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084285.D
 Acq: 03 Oct 2024 09:42

Tgt Ion:	113	Resp:	98018
Ion	Ratio	Lower	Upper
113	100		
111	102.2	83.3	124.9
192	17.9	13.5	20.3





#50

Toluene-d8

Concen: 50.412 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084285.D

Acq: 03 Oct 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

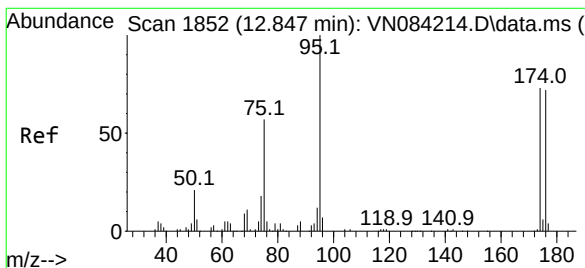
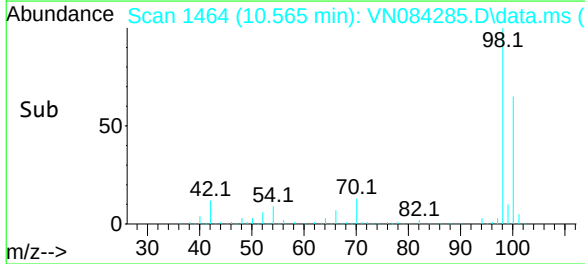
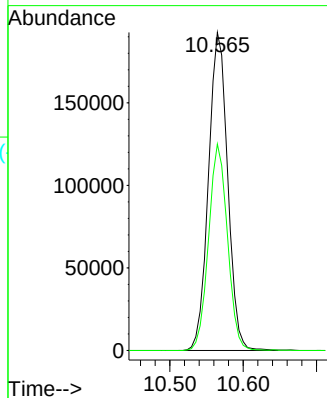
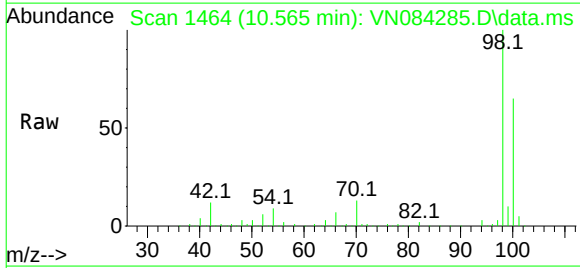
VN1003WBL01

Tgt Ion: 98 Resp: 350297

Ion Ratio Lower Upper

98 100

100 63.9 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 46.499 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084285.D

Acq: 03 Oct 2024 09:42

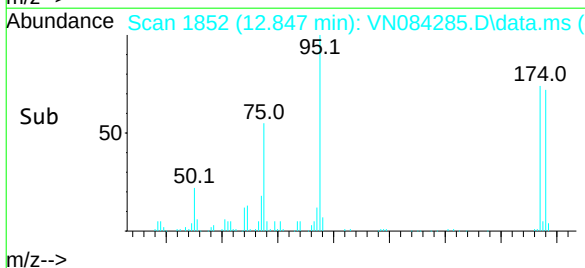
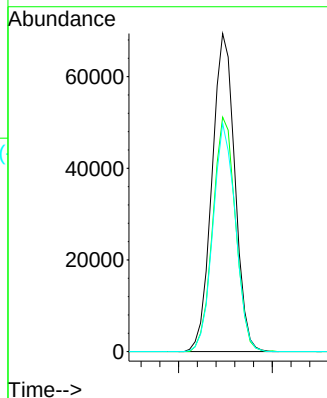
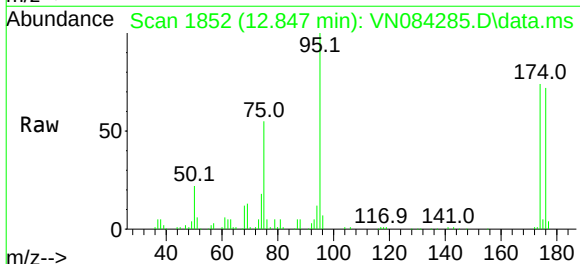
Tgt Ion: 95 Resp: 117713

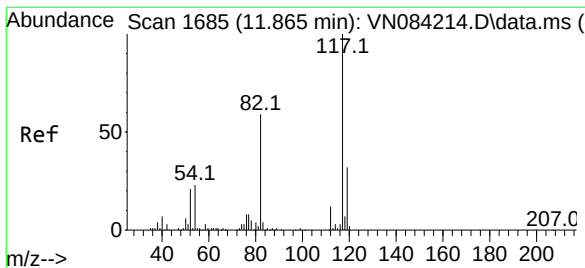
Ion Ratio Lower Upper

95 100

174 73.3 0.0 145.2

176 70.7 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: VN084285.D

Acq: 03 Oct 2024 09:42

Instrument :

MSVOA_N

ClientSampleId :

VN1003WBL01

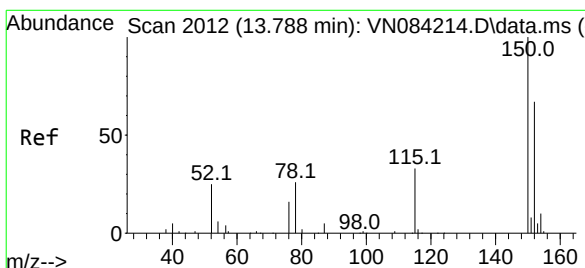
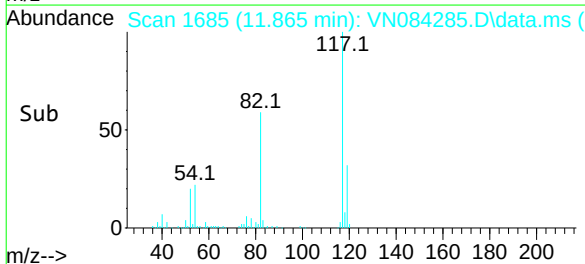
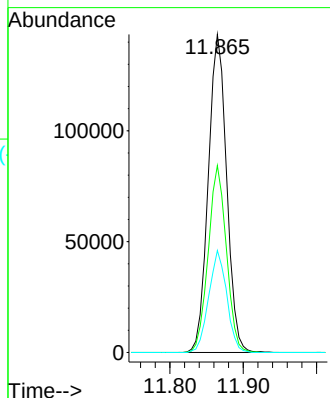
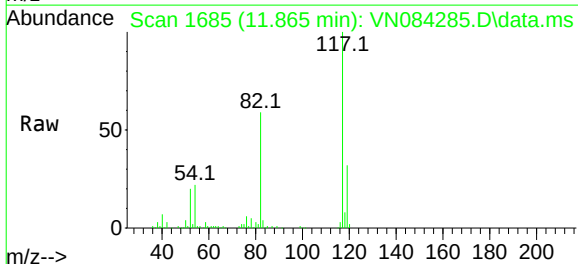
Tgt Ion:117 Resp: 249556

Ion Ratio Lower Upper

117 100

82 58.8 47.2 70.8

119 32.1 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: VN084285.D

Acq: 03 Oct 2024 09:42

Tgt Ion:152 Resp: 98264

Ion Ratio Lower Upper

152 100

115 62.2 31.3 93.9

150 158.1 0.0 349.8

