

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051424\
 Data File : VN082121.D
 Acq On : 14 May 2024 17:39
 Operator : JC\MD
 Sample : P2462-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 240430037-01-TRIP-BLANK

Quant Time: May 15 02:49:58 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 14 11:29:16 2024
 Response via : Initial Calibration

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

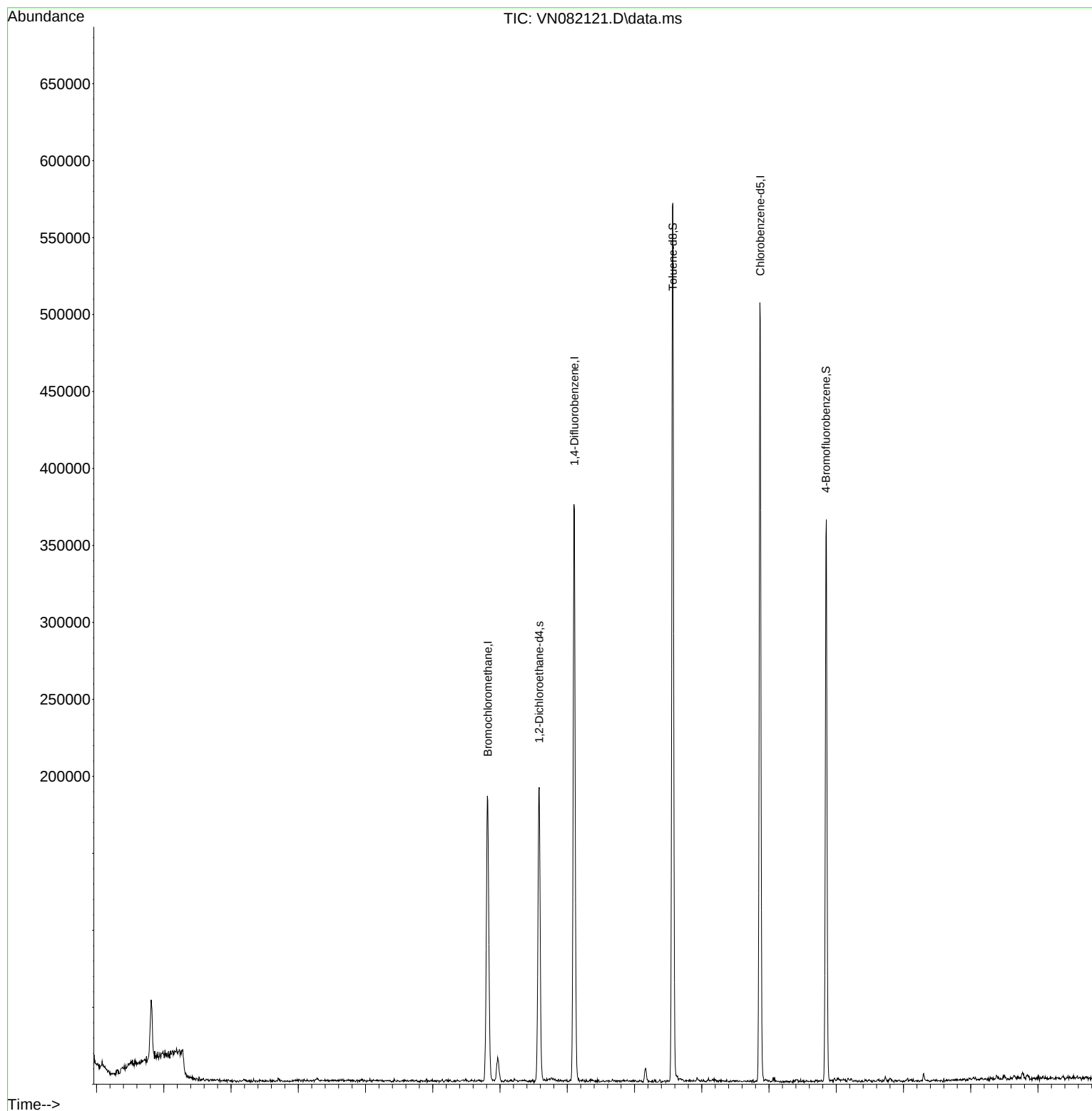
Internal Standards						
1) Bromochloromethane	7.818	128	57592	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	297270	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	264349	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	154648	32.072	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.900%
60) 4-Bromofluorobenzene	12.847	95	111200	25.276	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.267%
63) Toluene-d8	10.571	98	380955	30.345	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.167%
Target Compounds						
25) Chloroform	7.965	83	13931	2.003	ug/l	93
55) 2-Chloroethyl vinyl ether	10.165	63	3857	1.294	ug/l #	81

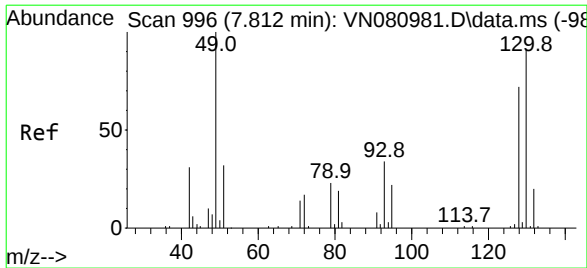
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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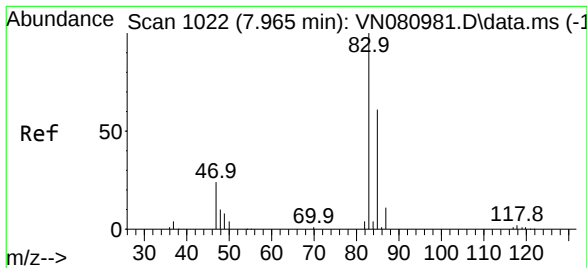
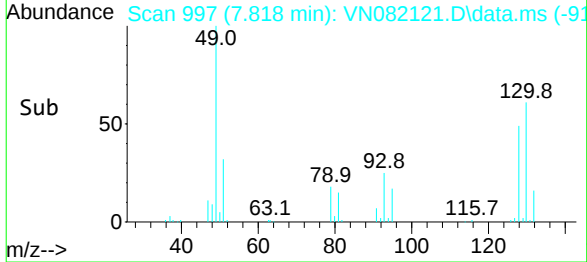
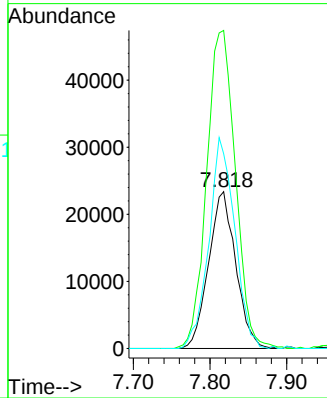
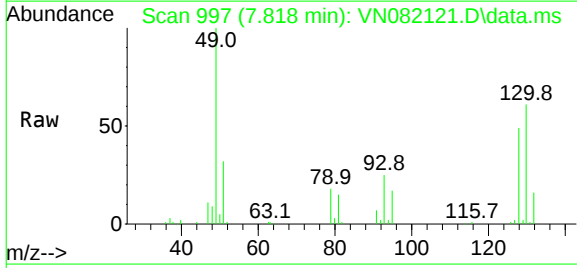




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 997
Delta R.T. 0.006 min
Lab File: VN082121.D
Acq: 14 May 2024 17:39

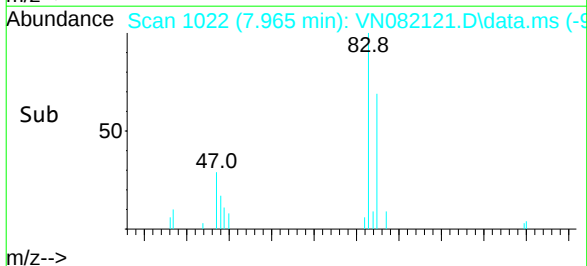
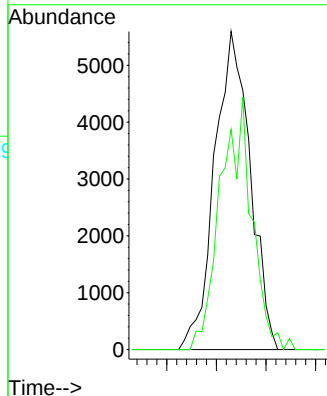
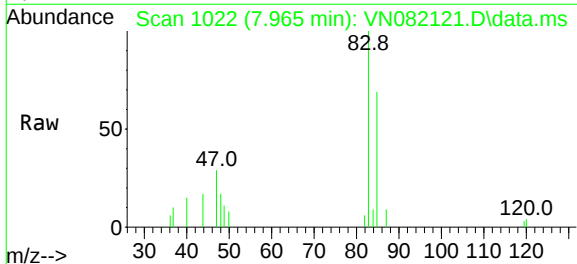
Instrument :
MSVOA_N
ClientSampleId :
240430037-01-TRIP-BLANK

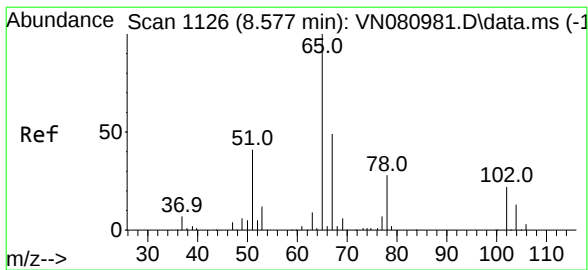
Tgt Ion	Ratio	Lower	Upper
128	100		
49	214.2	0.0	403.7
130	128.4	0.0	323.3



#25
Chloroform
Concen: 2.003 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN082121.D
Acq: 14 May 2024 17:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	69.2	50.9	76.3

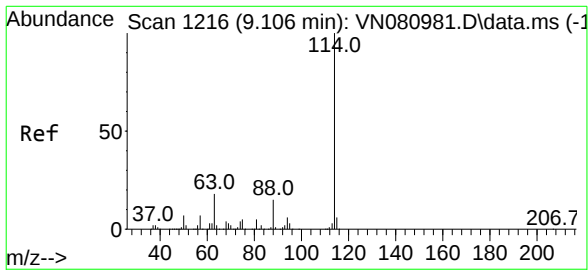
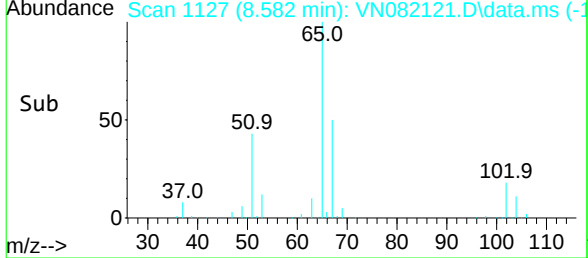
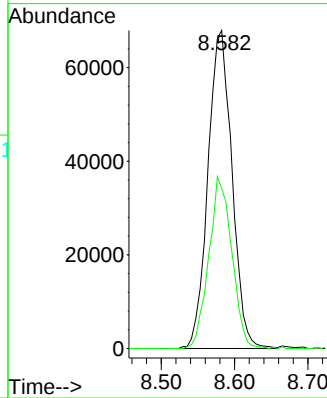
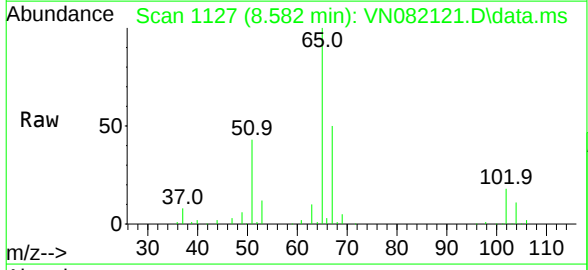




#27
1,2-Dichloroethane-d4
Concen: 32.072 ug/l
RT: 8.582 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN082121.D
Acq: 14 May 2024 17:39

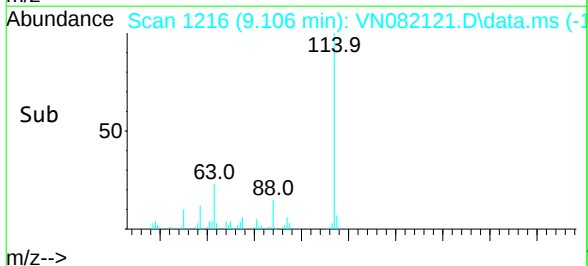
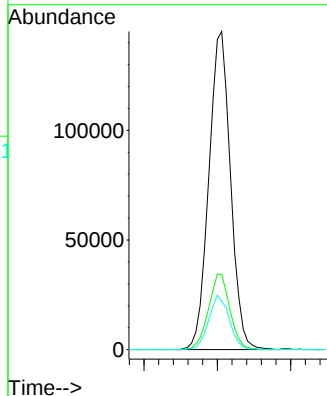
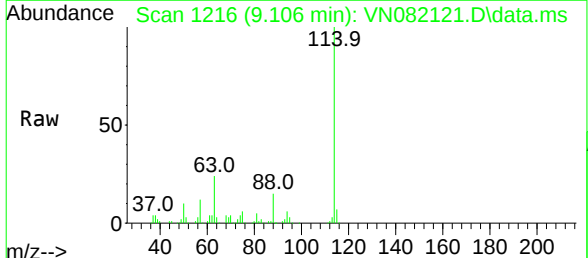
Instrument :
MSVOA_N
ClientSampleId :
240430037-01-TRIP-BLANK

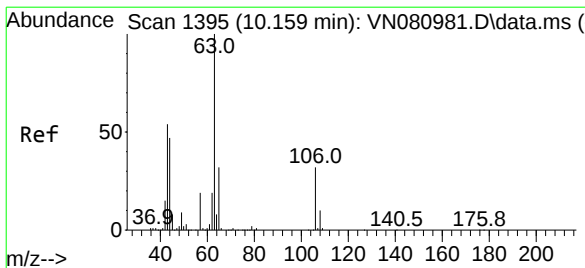
Tgt Ion: 65 Resp: 154648
Ion Ratio Lower Upper
65 100
67 51.6 43.2 64.8



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN082121.D
Acq: 14 May 2024 17:39

Tgt Ion: 114 Resp: 297270
Ion Ratio Lower Upper
114 100
63 23.5 15.9 23.9
88 16.1 12.7 19.1





#55

2-Chloroethyl vinyl ether

Concen: 1.294 ug/l

RT: 10.165 min Scan# 13

Delta R.T. 0.006 min

Lab File: VN082121.D

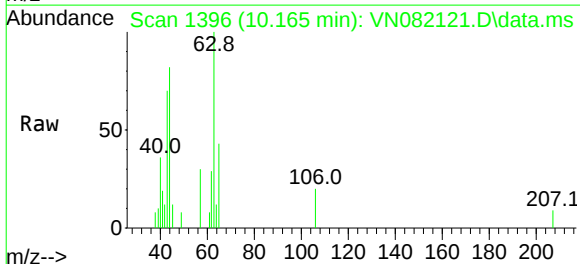
Acq: 14 May 2024 17:39

Instrument :

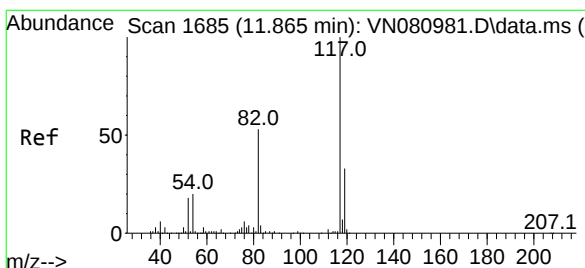
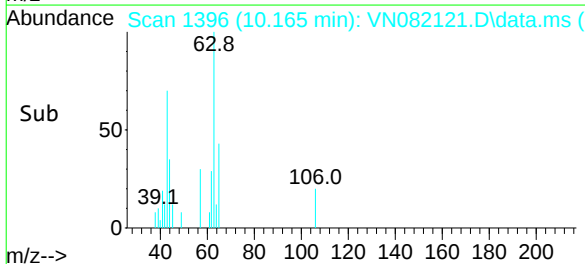
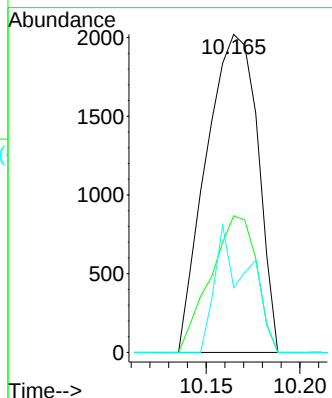
MSVOA_N

ClientSampleId :

240430037-01-TRIP-BLANK



Tgt Ion:	63	Resp:	3857
Ion	Ratio	Lower	Upper
63	100		
65	38.3	26.2	39.2
106	14.2	23.8	35.8



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

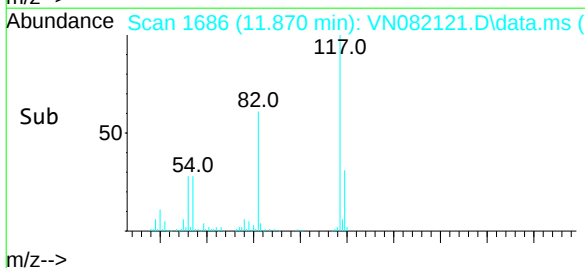
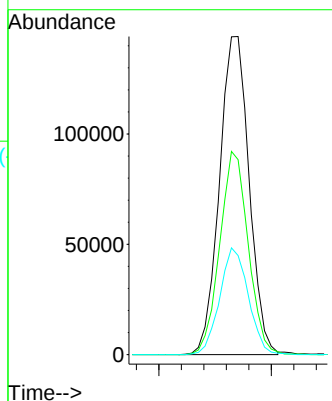
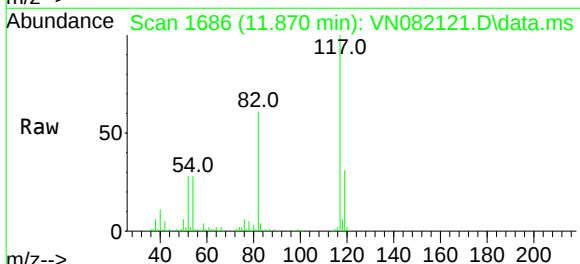
RT: 11.870 min Scan# 1686

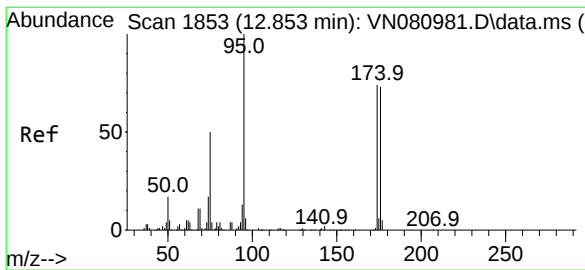
Delta R.T. 0.006 min

Lab File: VN082121.D

Acq: 14 May 2024 17:39

Tgt Ion:	117	Resp:	264349
Ion	Ratio	Lower	Upper
117	100		
82	61.2	46.6	69.8
119	32.3	25.4	38.2





#60

4-Bromofluorobenzene

Concen: 25.276 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.006 min

Lab File: VN082121.D

Acq: 14 May 2024 17:39

Instrument :

MSVOA_N

ClientSampleId :

240430037-01-TRIP-BLANK

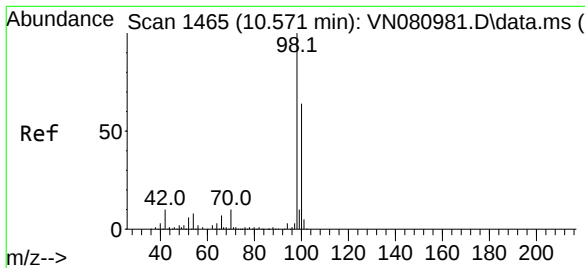
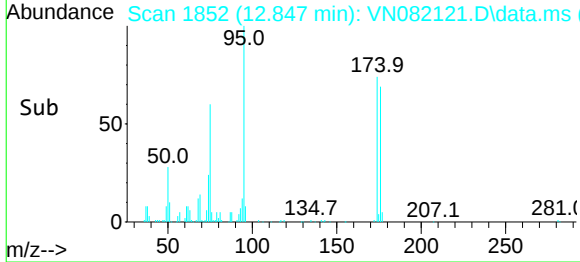
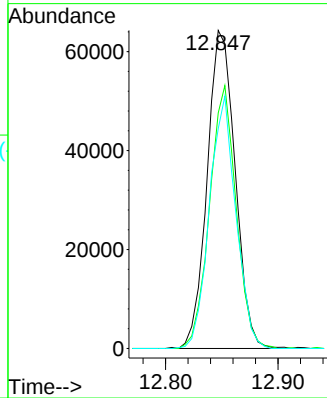
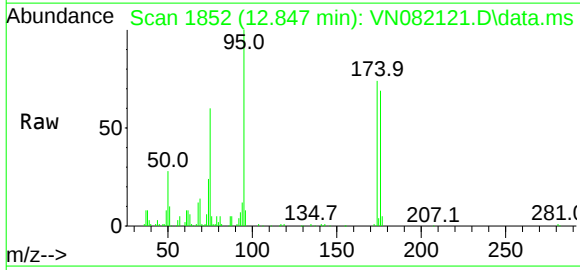
Tgt Ion: 95 Resp: 111200

Ion Ratio Lower Upper

95 100

174 78.4 60.5 90.7

176 74.9 57.8 86.6



#63

Toluene-d8

Concen: 30.345 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN082121.D

Acq: 14 May 2024 17:39

Tgt Ion: 98 Resp: 380955

Ion Ratio Lower Upper

98 100

100 62.8 52.7 79.1

