

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050124\
 Data File : VN081953.D
 Acq On : 01 May 2024 13:50
 Operator : JC\MD
 Sample : P2306-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20240429

Quant Time: May 02 01:36:03 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	8.230	168	193324	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	380377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	339455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130957	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	146580	44.925	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.840%
35) Dibromofluoromethane	8.171	113	109659	47.882	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.760%
50) Toluene-d8	10.571	98	474130	52.713	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.420%
62) 4-Bromofluorobenzene	12.847	95	156712	44.075	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	88.140%

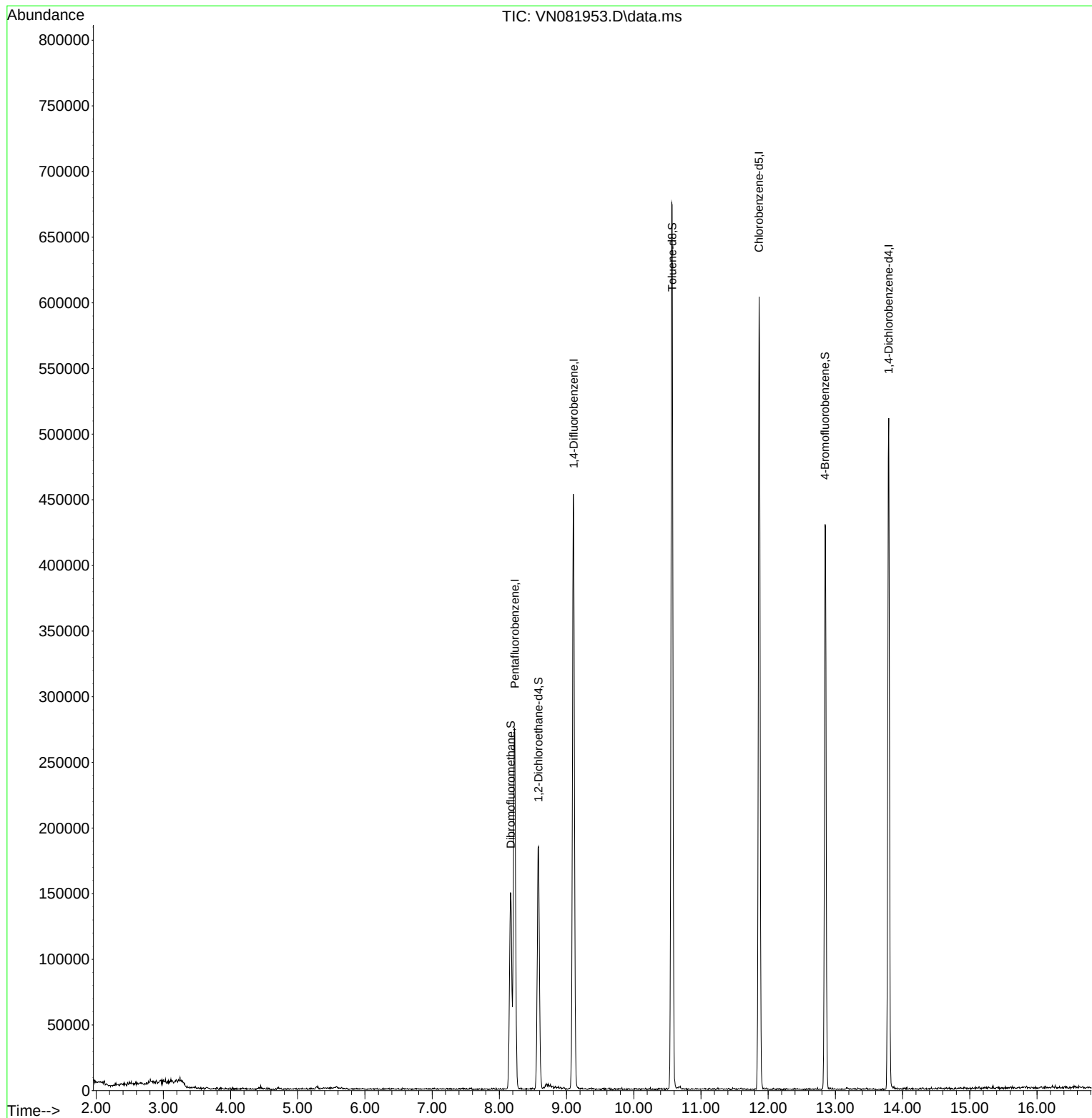
Target Compounds	Qvalue

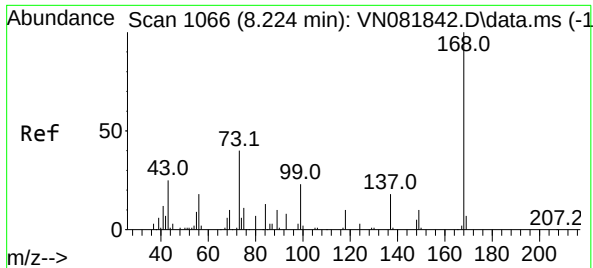
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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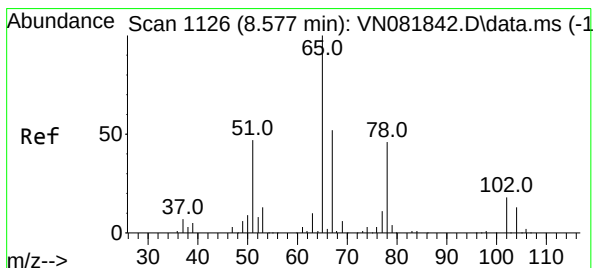
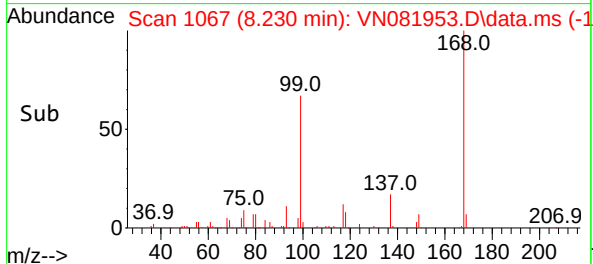
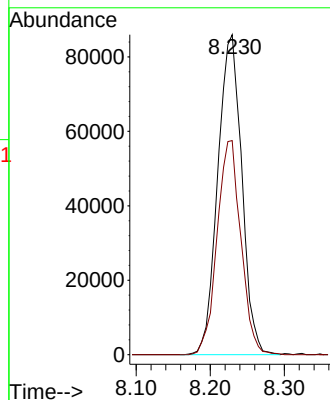
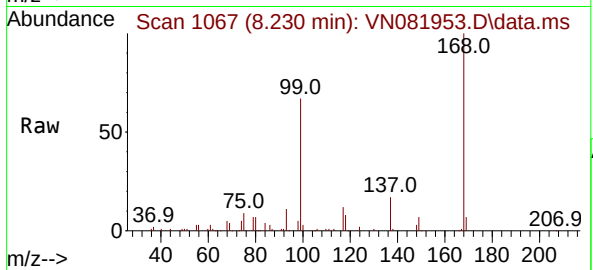




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN081953.D
Acq: 01 May 2024 13:50

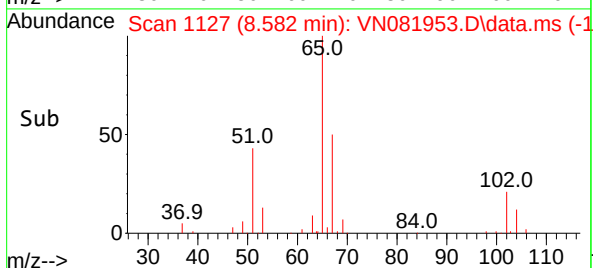
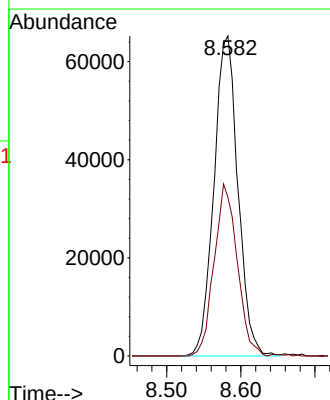
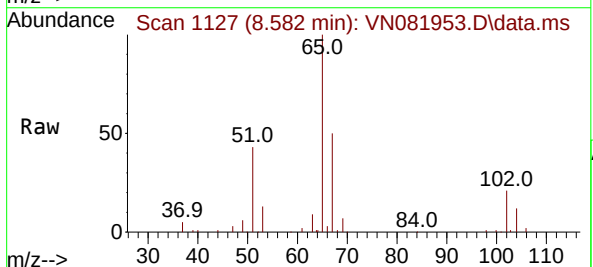
Instrument :
MSVOA_N
ClientSampleId :
TB-20240429

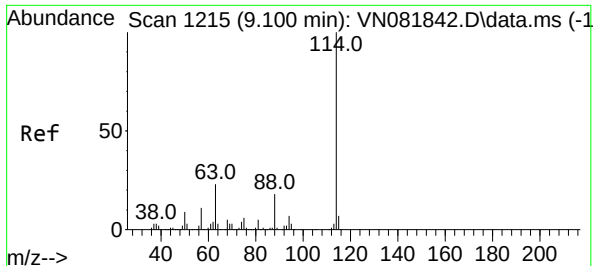
Tgt Ion:168 Resp: 193324
Ion Ratio Lower Upper
168 100
99 66.9 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 44.925 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081953.D
Acq: 01 May 2024 13:50

Tgt Ion: 65 Resp: 146580
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN081953.D

Acq: 01 May 2024 13:50

Instrument :

MSVOA_N

ClientSampleId :

TB-20240429

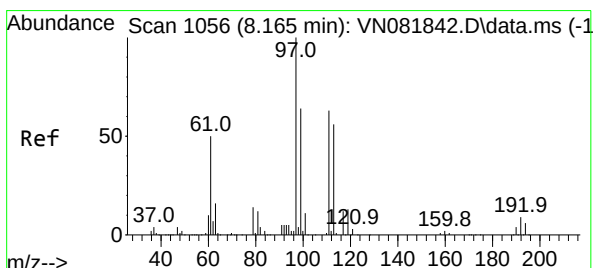
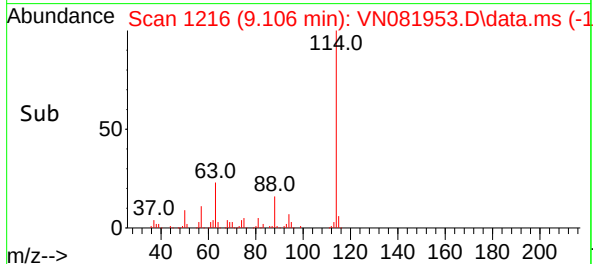
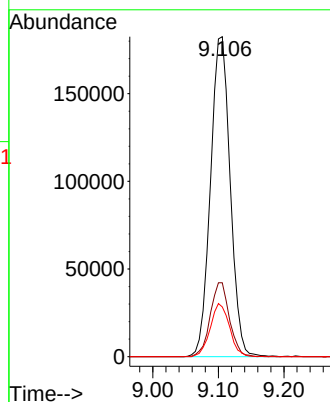
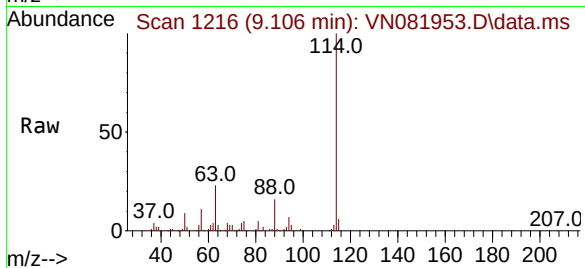
Tgt Ion:114 Resp: 380377

Ion Ratio Lower Upper

114 100

63 23.1 0.0 41.0

88 15.6 0.0 31.4



#35

Dibromofluoromethane

Concen: 47.882 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081953.D

Acq: 01 May 2024 13:50

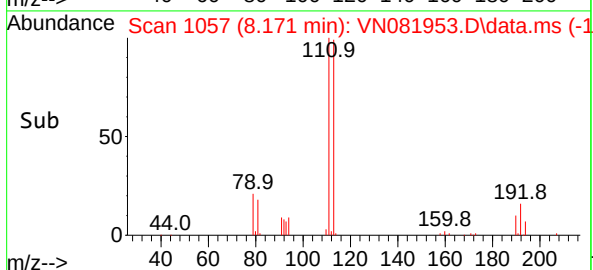
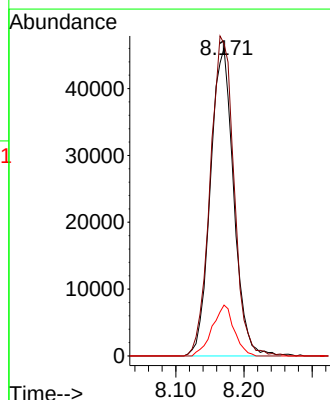
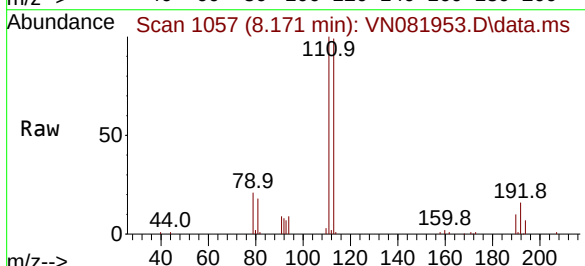
Tgt Ion:113 Resp: 109659

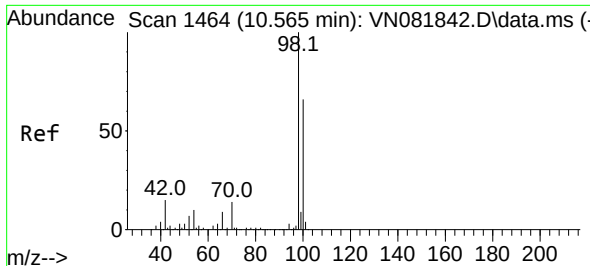
Ion Ratio Lower Upper

113 100

111 106.0 83.4 125.2

192 15.5 14.0 21.0

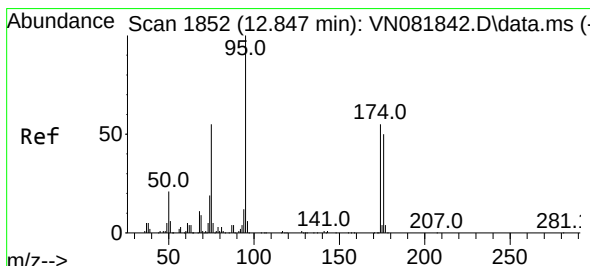
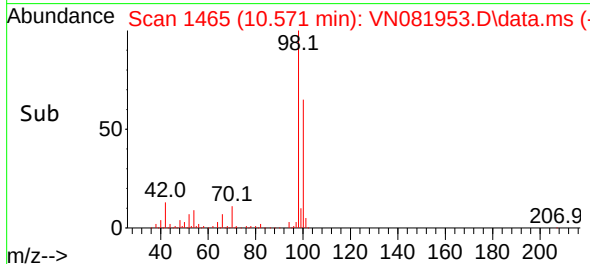
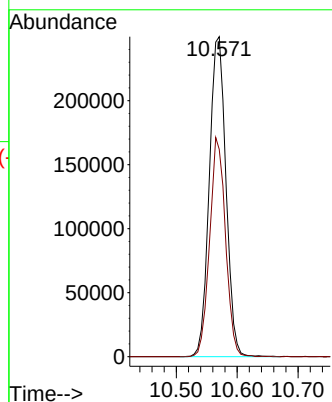
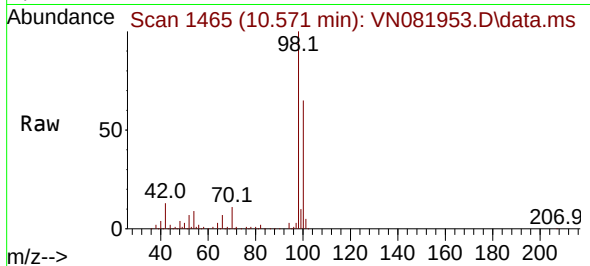




#50
Toluene-d8
Concen: 52.713 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081953.D
Acq: 01 May 2024 13:50

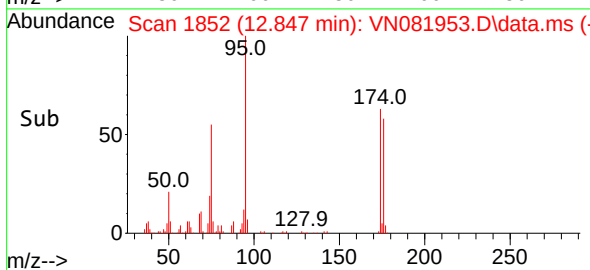
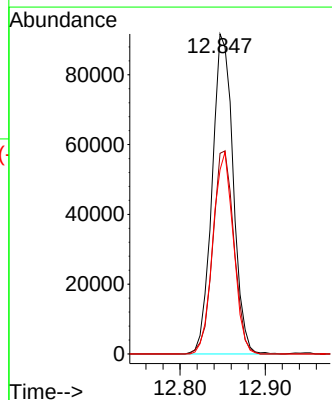
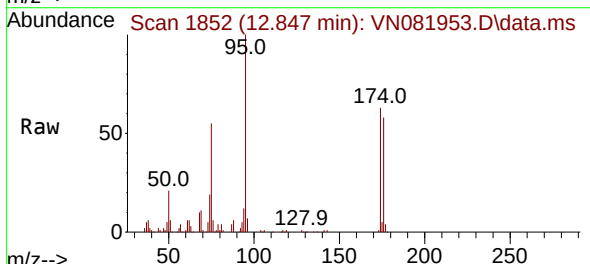
Instrument :
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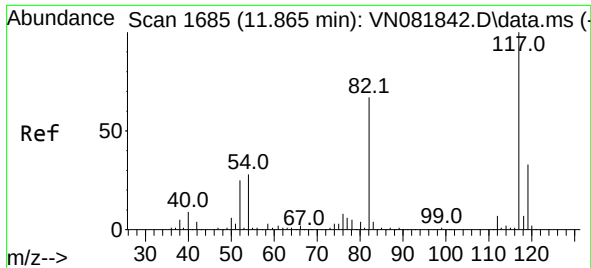
Tgt Ion: 98 Resp: 474130
Ion Ratio Lower Upper
98 100
100 65.2 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 44.075 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN081953.D
Acq: 01 May 2024 13:50

Tgt Ion: 95 Resp: 156712
Ion Ratio Lower Upper
95 100
174 64.0 0.0 160.6
176 61.6 0.0 152.8

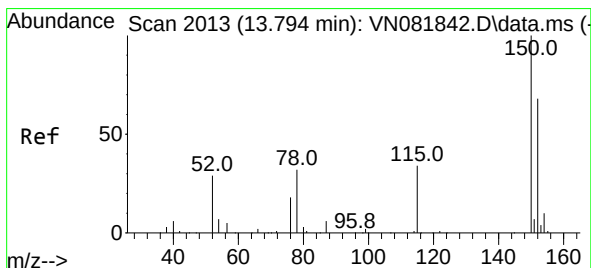
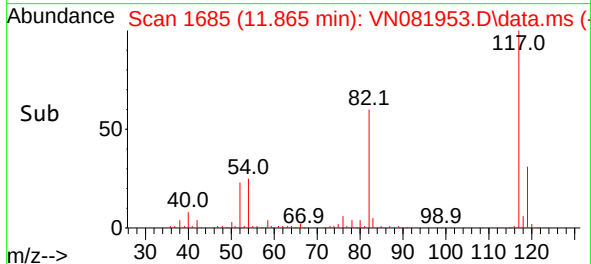
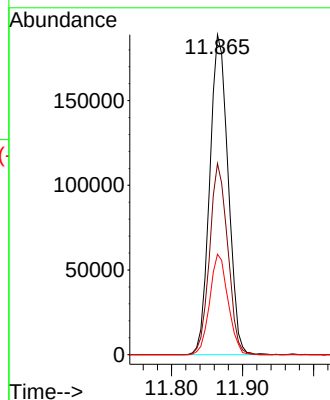
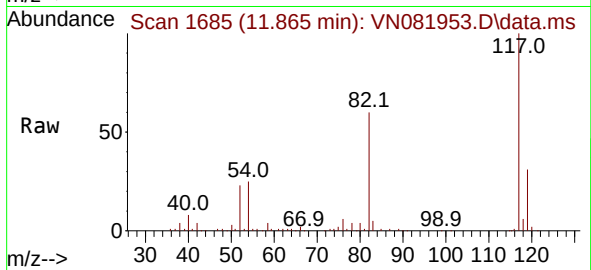




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081953.D
Acq: 01 May 2024 13:50

Instrument :
MSVOA_N
ClientSampleId :
TB-20240429

Tgt Ion:117 Resp: 339455
Ion Ratio Lower Upper
117 100
82 59.7 44.6 66.8
119 31.4 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: VN081953.D
Acq: 01 May 2024 13:50

Tgt Ion:152 Resp: 130957
Ion Ratio Lower Upper
152 100
115 61.8 30.4 91.3
150 153.8 0.0 353.2

