

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120423\
 Data File : VN080338.D
 Acq On : 04 Dec 2023 15:10
 Operator : JC\MD
 Sample : 05611-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-12-1-23

Quant Time: Dec 05 04:16:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	151680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	292107	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	297727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130890	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	141511	56.503	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.000%
35) Dibromofluoromethane	8.171	113	111165	51.576	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.160%
50) Toluene-d8	10.571	98	373846	48.116	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.240%
62) 4-Bromofluorobenzene	12.853	95	142850	48.676	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.360%

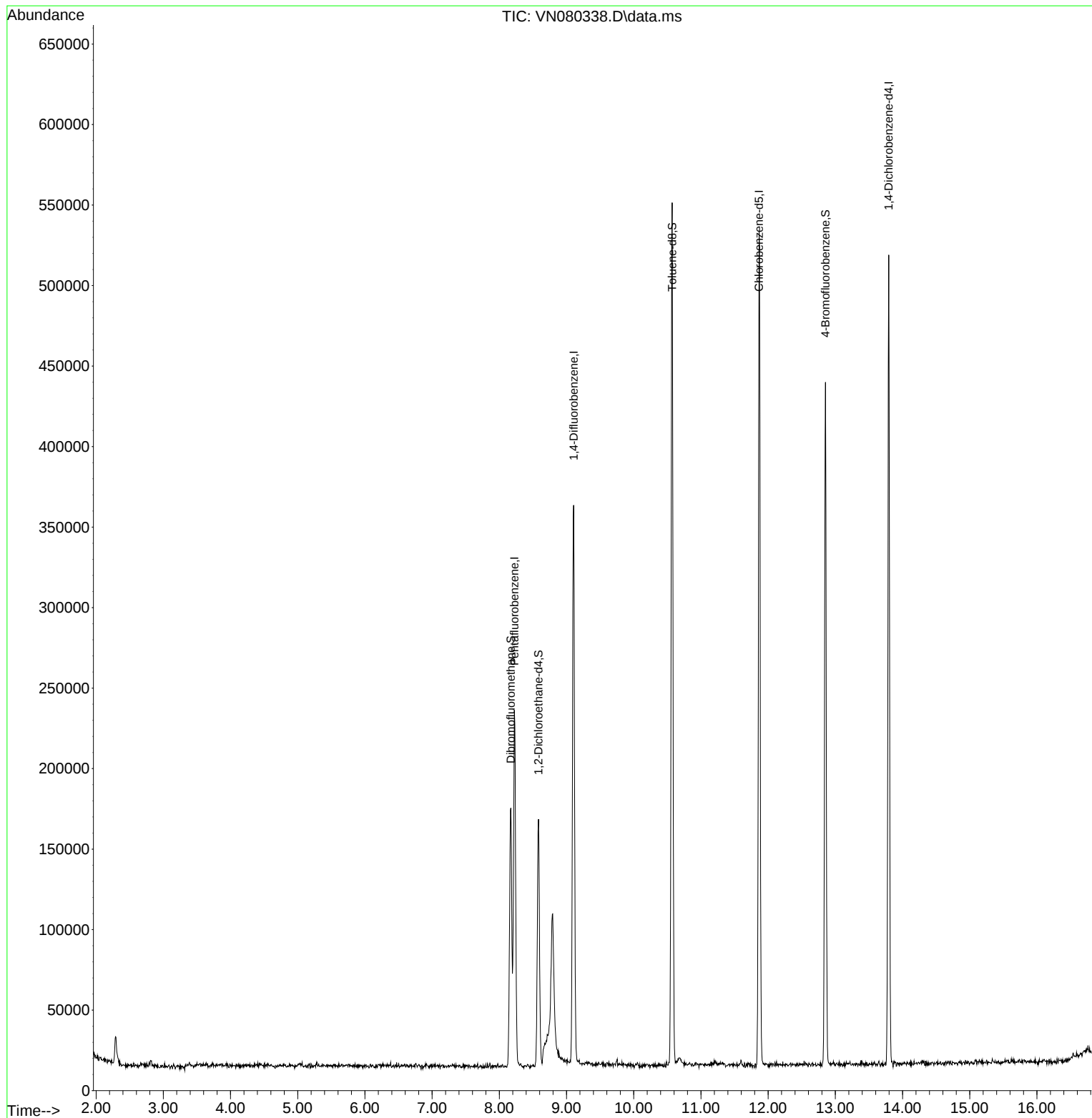
Target Compounds	Qvalue

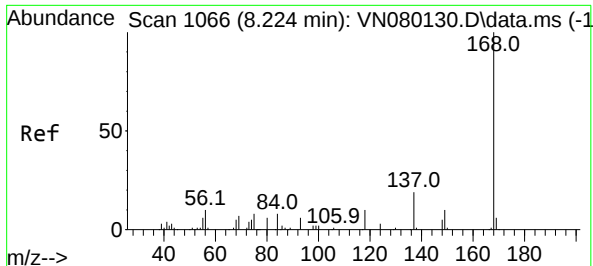
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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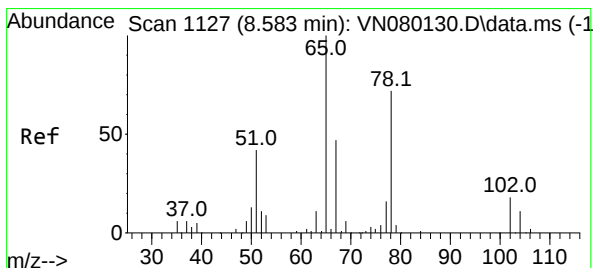
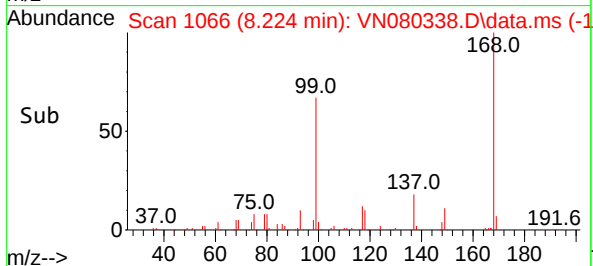
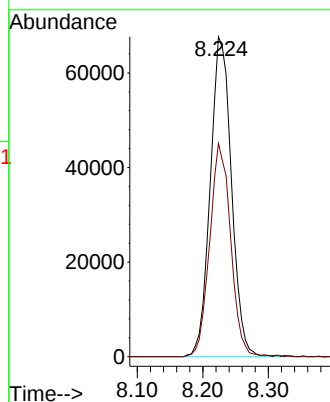
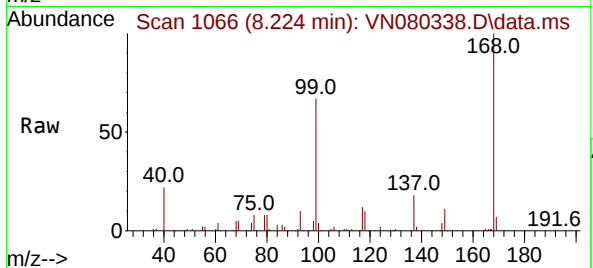




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080338.D
Acq: 04 Dec 2023 15:10

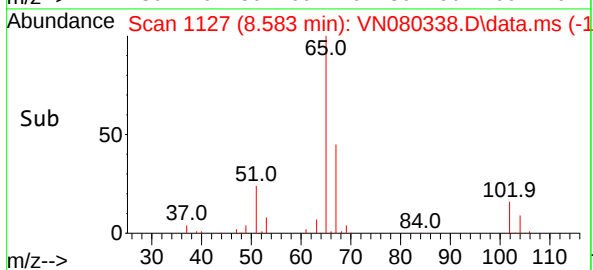
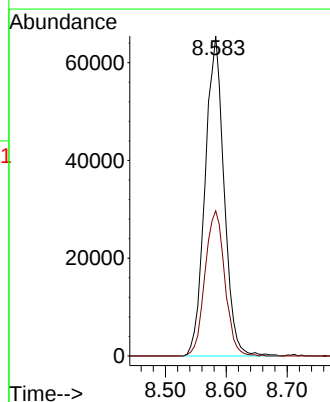
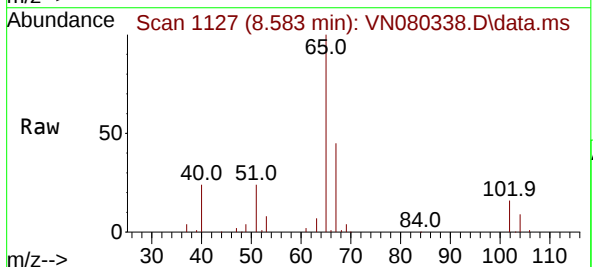
Instrument :
MSVOA_N
ClientSampleId :
TB-12-1-23

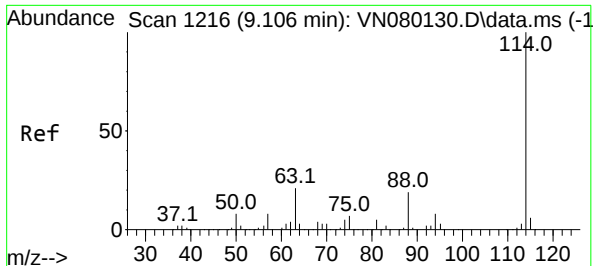
Tgt Ion:168 Resp: 151680
Ion Ratio Lower Upper
168 100
99 66.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 56.503 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080338.D
Acq: 04 Dec 2023 15:10

Tgt Ion: 65 Resp: 141511
Ion Ratio Lower Upper
65 100
67 47.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN080338.D

Acq: 04 Dec 2023 15:10

Instrument :

MSVOA_N

ClientSampleId :

TB-12-1-23

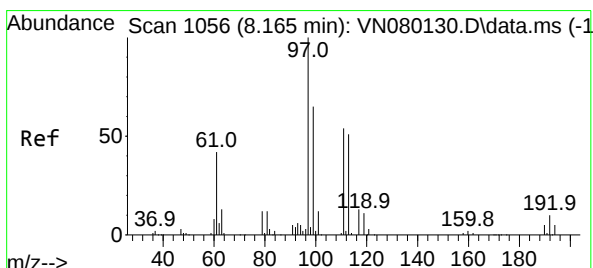
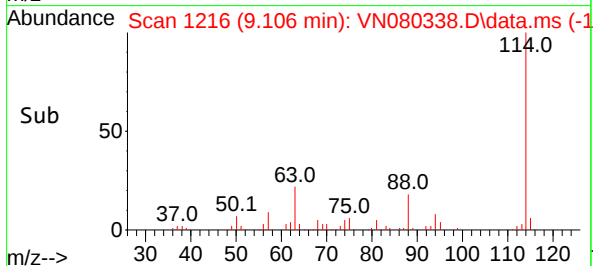
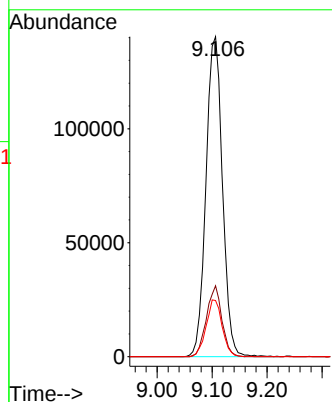
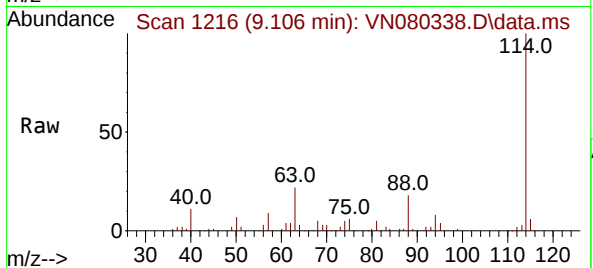
Tgt Ion:114 Resp: 292107

Ion Ratio Lower Upper

114 100

63 22.2 0.0 36.4

88 17.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.576 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080338.D

Acq: 04 Dec 2023 15:10

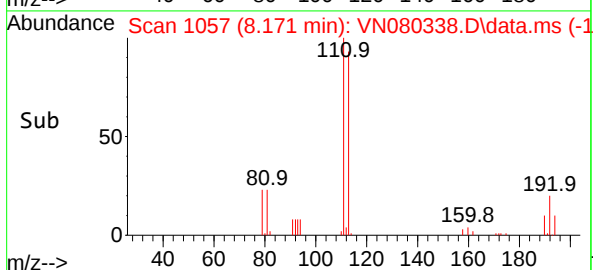
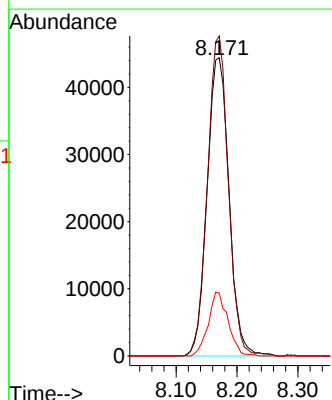
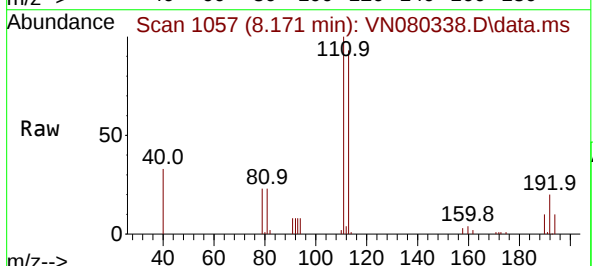
Tgt Ion:113 Resp: 111165

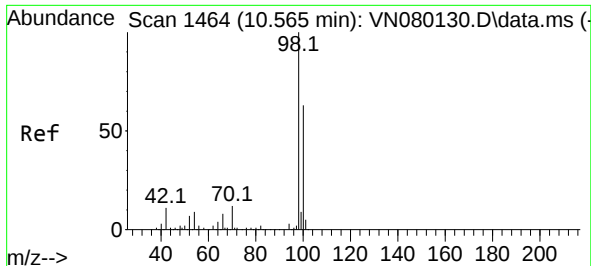
Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

192 19.3 12.7 19.1#

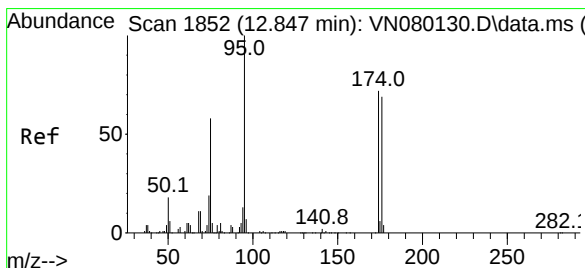
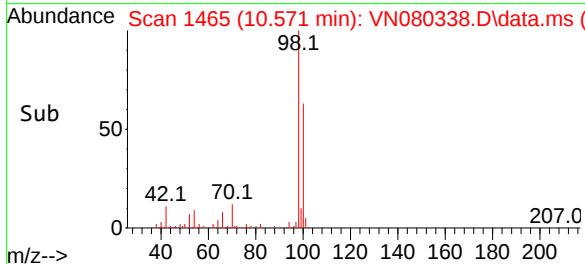
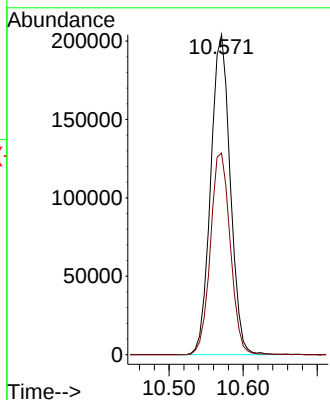
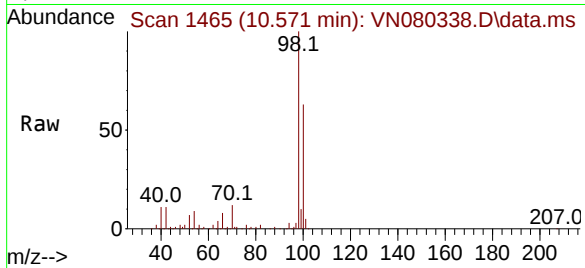




#50
Toluene-d8
Concen: 48.116 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080338.D
Acq: 04 Dec 2023 15:10

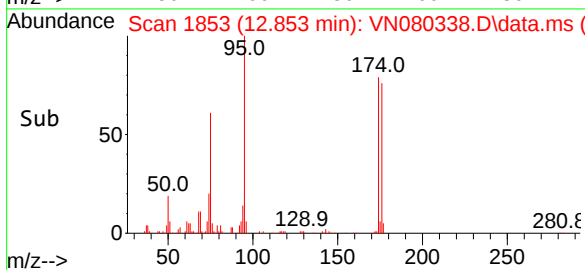
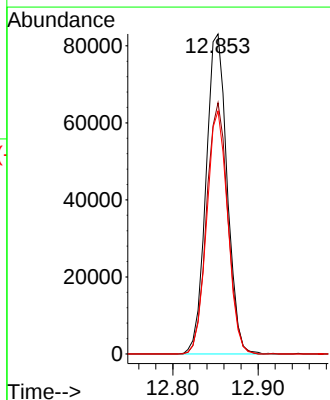
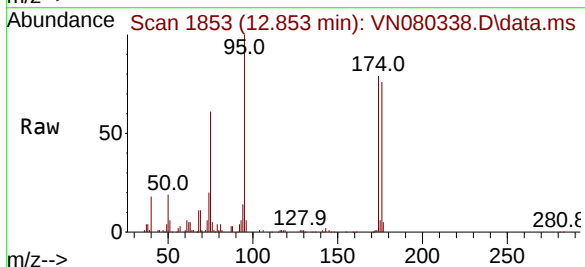
Instrument :
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TB-12-1-23

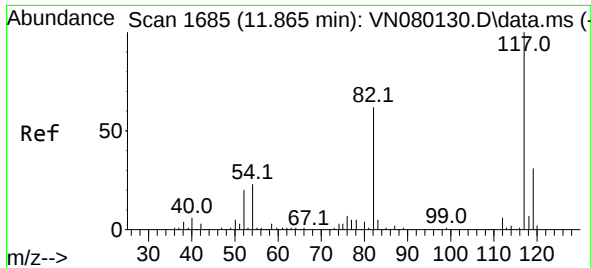
Tgt Ion: 98 Resp: 373846
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.676 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080338.D
Acq: 04 Dec 2023 15:10

Tgt Ion: 95 Resp: 142850
Ion Ratio Lower Upper
95 100
174 79.1 0.0 143.8
176 75.5 0.0 135.8

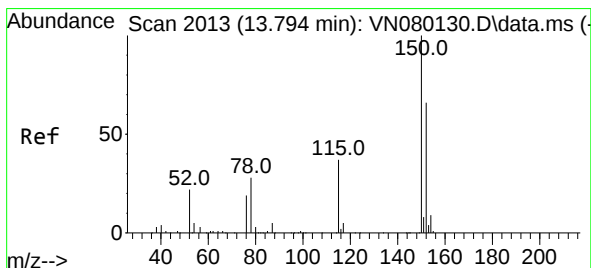
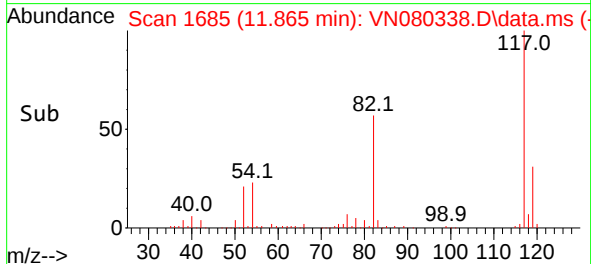
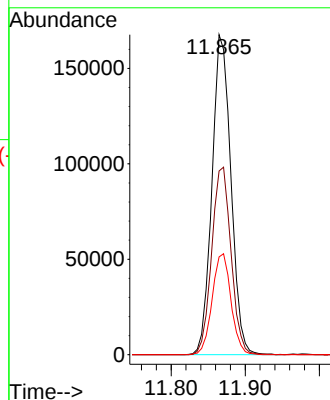
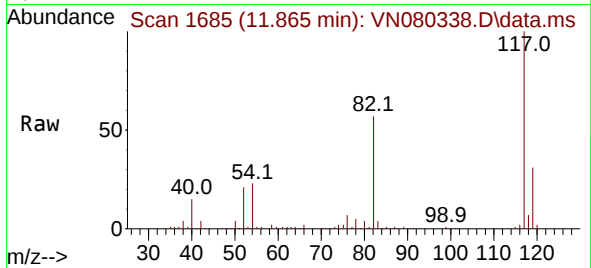




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080338.D
Acq: 04 Dec 2023 15:10

Instrument :
MSVOA_N
ClientSampleId :
TB-12-1-23

Tgt Ion:117 Resp: 297727
Ion Ratio Lower Upper
117 100
82 57.4 44.0 66.0
119 30.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080338.D
Acq: 04 Dec 2023 15:10

Tgt Ion:152 Resp: 130890
Ion Ratio Lower Upper
152 100
115 64.0 32.3 96.8
150 158.4 0.0 355.8

