

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120623\
 Data File : VN080382.D
 Acq On : 06 Dec 2023 13:36
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 07 00:59:05 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	214368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	373118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	389186	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	189040	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	164739	46.542	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.080%
35) Dibromofluoromethane	8.165	113	137626	49.989	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.980%
50) Toluene-d8	10.571	98	495791	49.957	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.920%
62) 4-Bromofluorobenzene	12.853	95	205122	54.719	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.440%

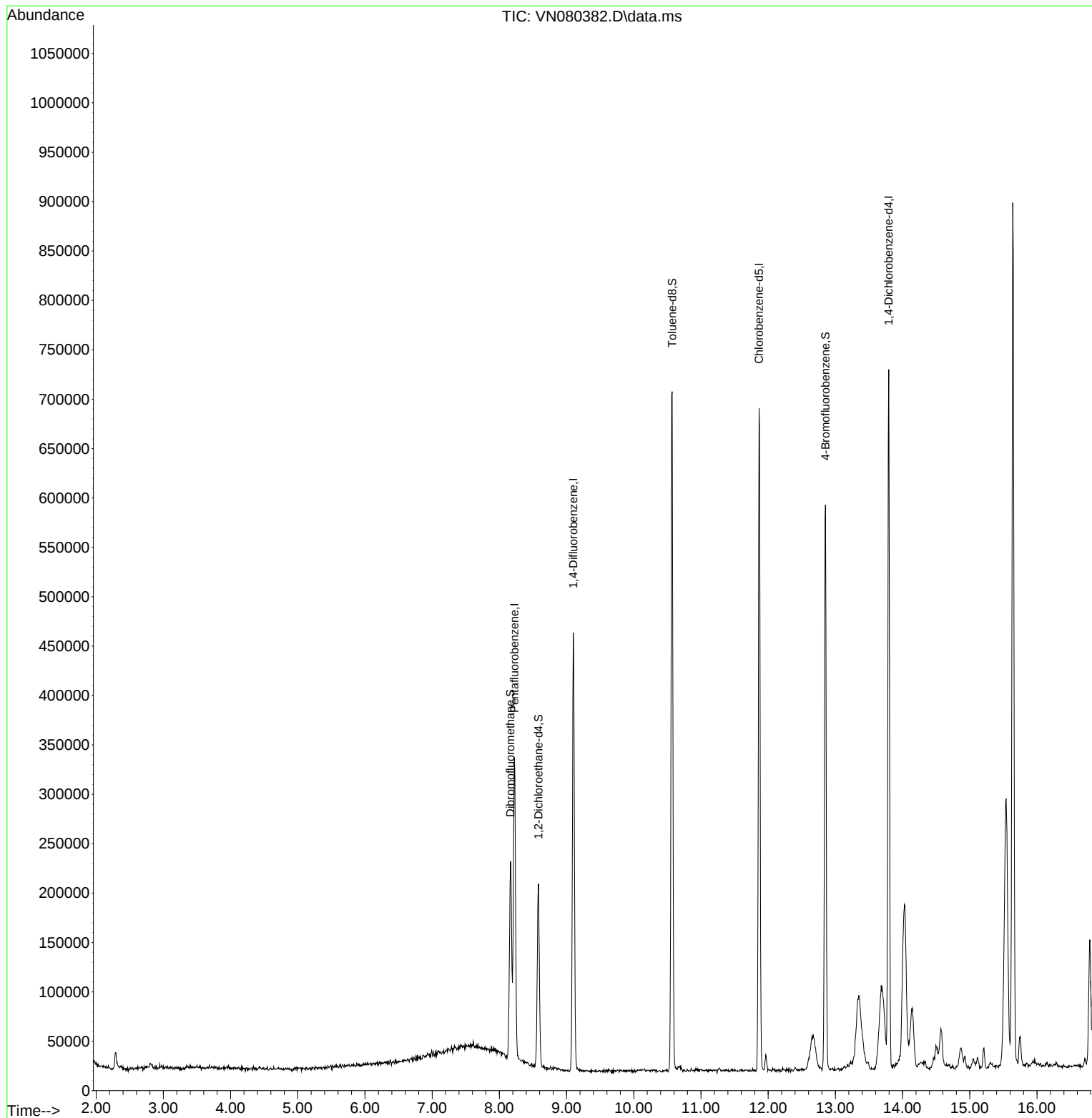
Target Compounds	Qvalue

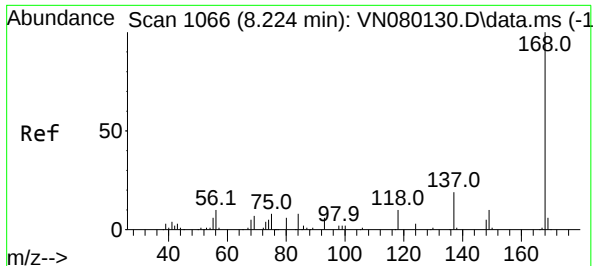
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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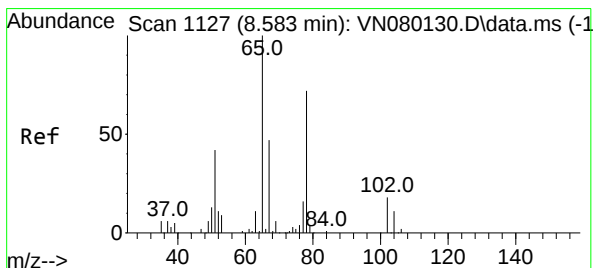
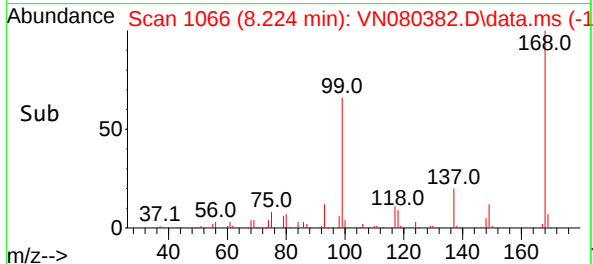
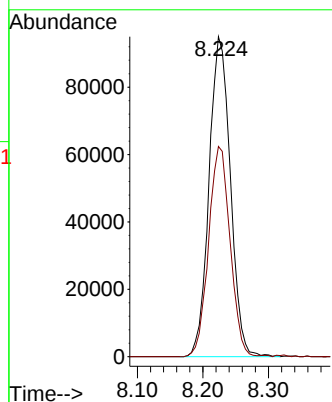
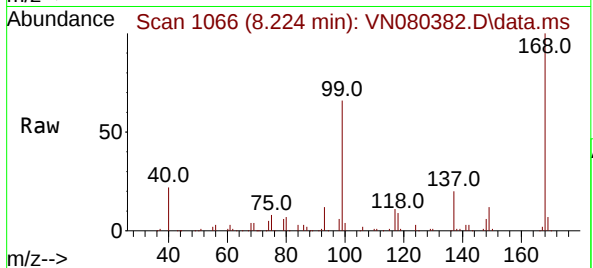




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080382.D
Acq: 06 Dec 2023 13:36

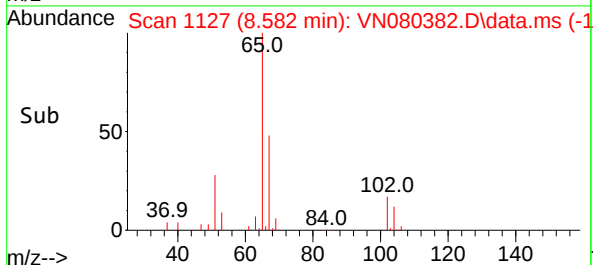
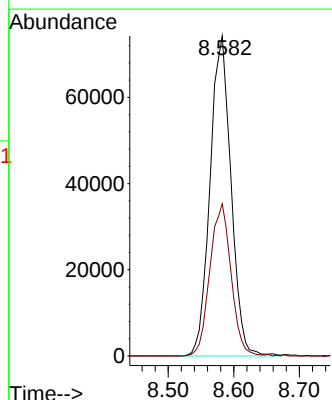
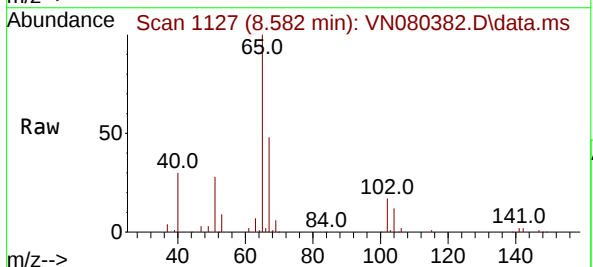
Instrument :
MSVOA_N
ClientSampleId :
IBLK

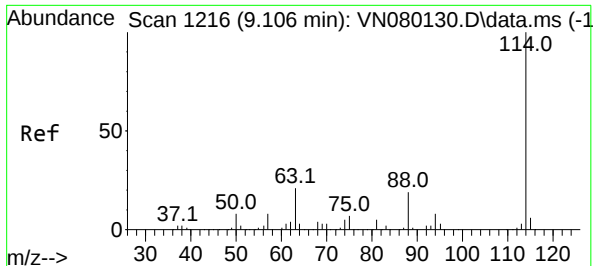
Tgt Ion:168 Resp: 214368
Ion Ratio Lower Upper
168 100
99 65.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 46.542 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080382.D
Acq: 06 Dec 2023 13:36

Tgt Ion: 65 Resp: 164739
Ion Ratio Lower Upper
65 100
67 48.1 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN080382.D

Acq: 06 Dec 2023 13:36

Instrument :

MSVOA_N

ClientSampleId :

IBLK

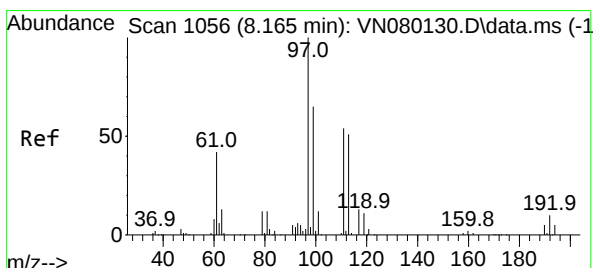
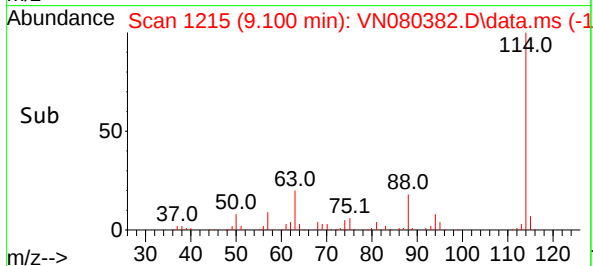
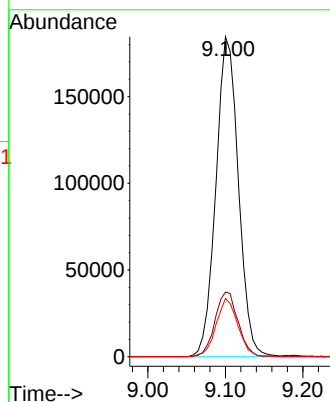
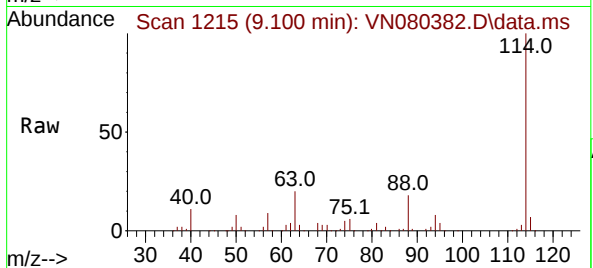
Tgt Ion:114 Resp: 373118

Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 18.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.989 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080382.D

Acq: 06 Dec 2023 13:36

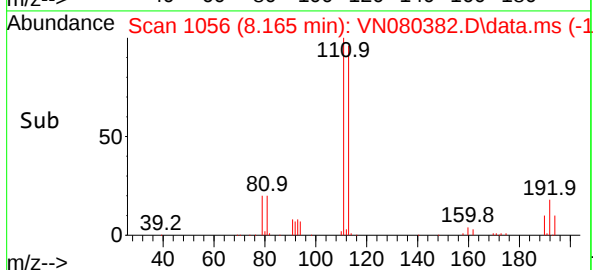
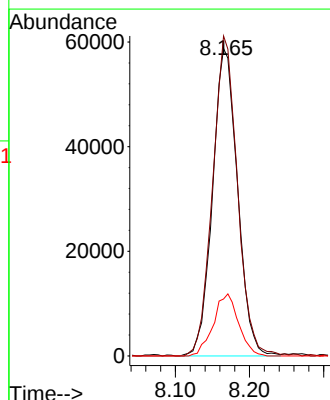
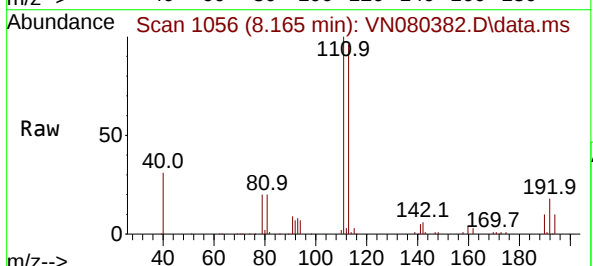
Tgt Ion:113 Resp: 137626

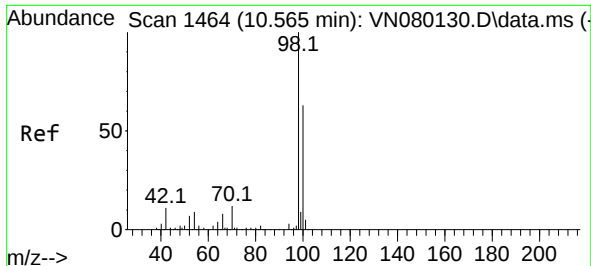
Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 20.3 12.7 19.1#

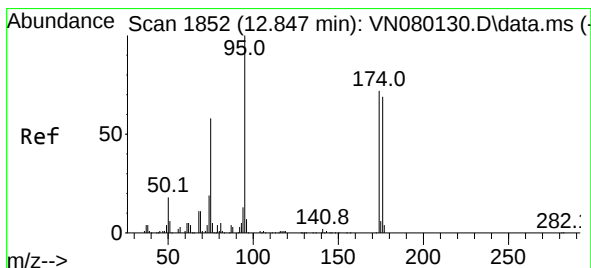
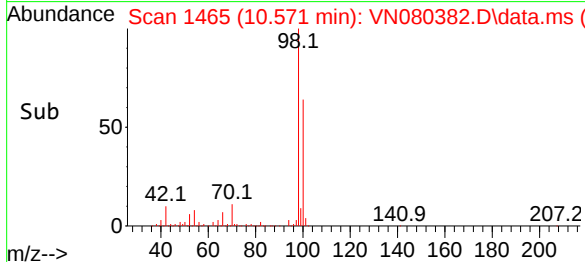
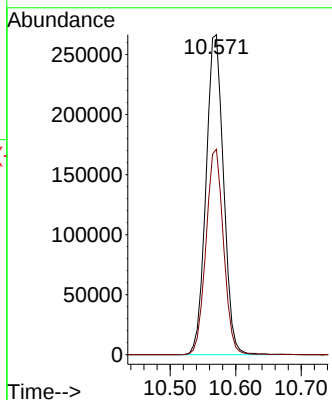
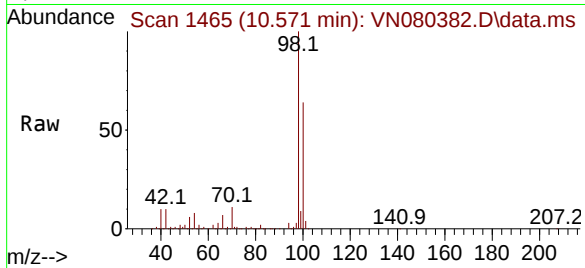




#50
Toluene-d8
Concen: 49.957 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN080382.D
Acq: 06 Dec 2023 13:36

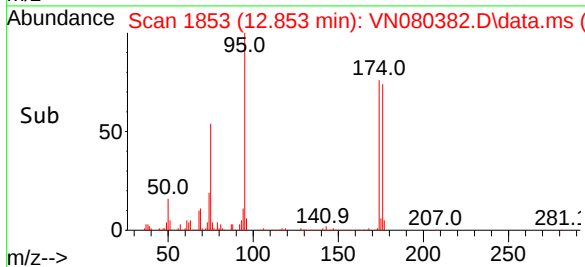
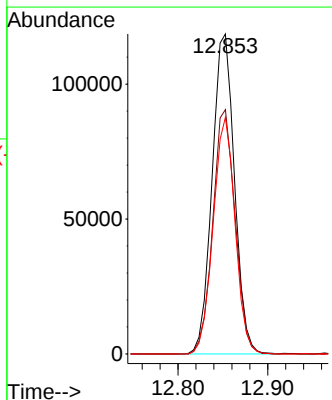
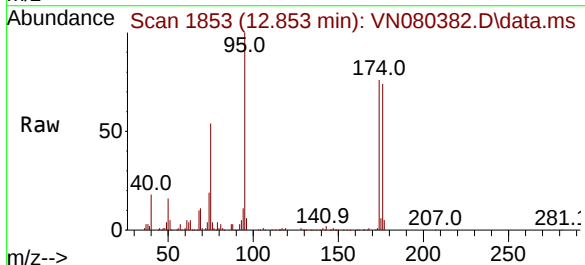
Instrument :
MSVOA_N
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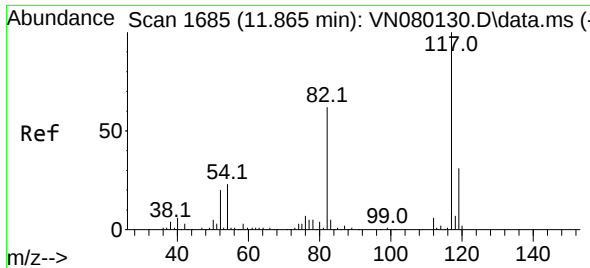
Tgt Ion: 98 Resp: 495791
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 54.719 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080382.D
Acq: 06 Dec 2023 13:36

Tgt Ion: 95 Resp: 205122
Ion Ratio Lower Upper
95 100
174 76.4 0.0 143.8
176 72.4 0.0 135.8

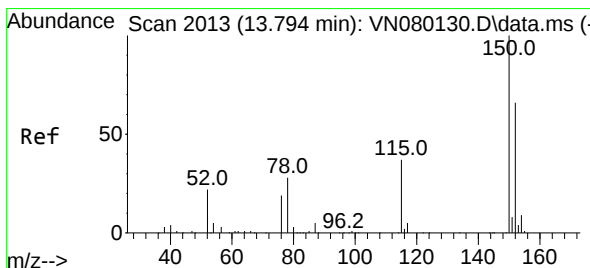
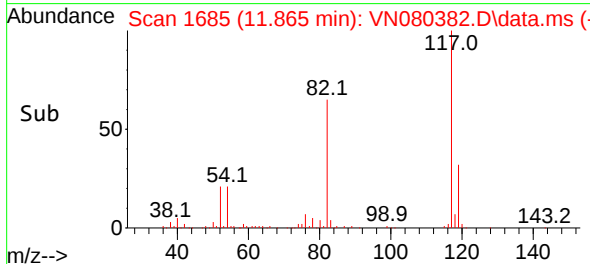
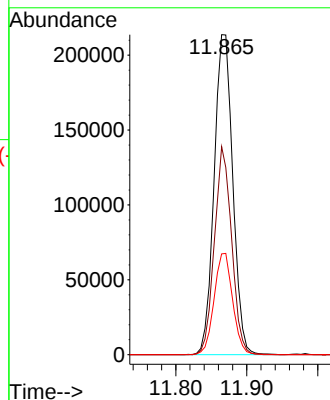
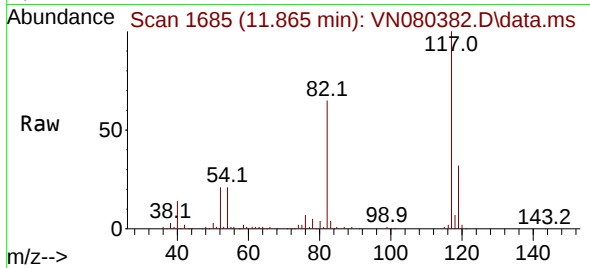




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080382.D
Acq: 06 Dec 2023 13:36

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 389186
Ion Ratio Lower Upper
117 100
82 65.0 44.0 66.0
119 31.5 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: VN080382.D
Acq: 06 Dec 2023 13:36

Tgt Ion:152 Resp: 189040
Ion Ratio Lower Upper
152 100
115 64.8 32.3 96.8
150 156.6 0.0 355.8

