

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112223\
 Data File : VN080237.D
 Acq On : 22 Nov 2023 10:45
 Operator : JC\MD
 Sample : VN1122MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122MBL01

Quant Time: Nov 23 00:15:16 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)

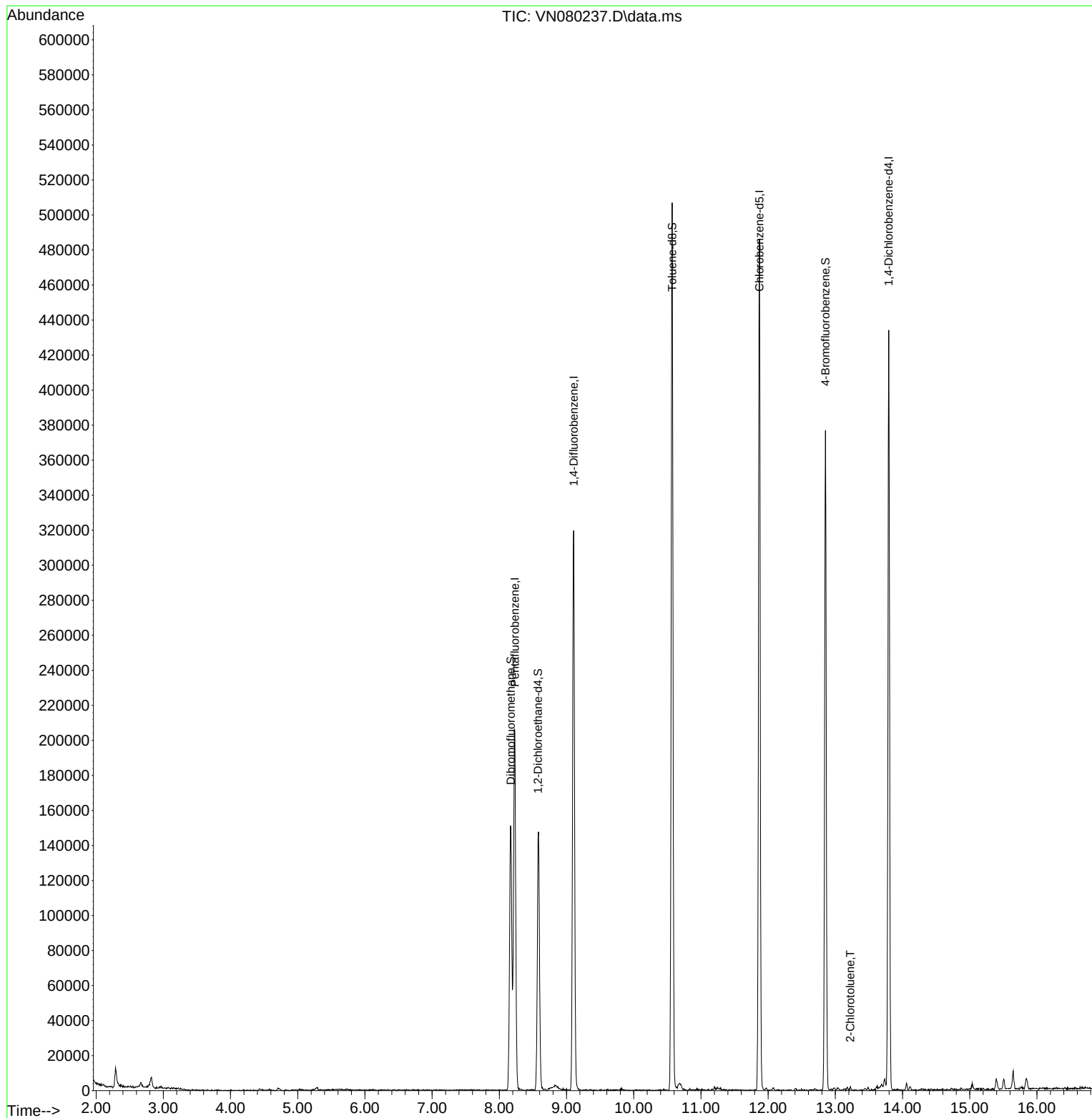
Internal Standards						
1) Pentafluorobenzene	8.230	168	144057	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	262905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	276002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	135880	57.126	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	114.260%
35) Dibromofluoromethane	8.171	113	104806	54.027	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	108.060%
50) Toluene-d8	10.571	98	345434	49.398	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.800%
62) 4-Bromofluorobenzene	12.853	95	129713	49.109	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.220%
Target Compounds						
79) 2-Chlorotoluene	13.223	91	1536	0.240	ug/l	95

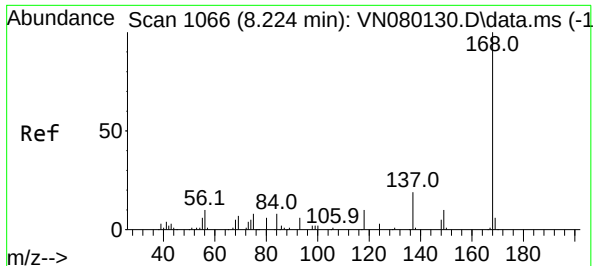
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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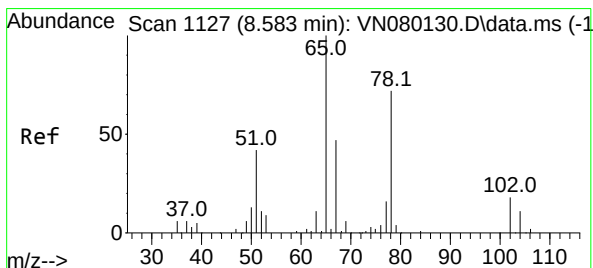
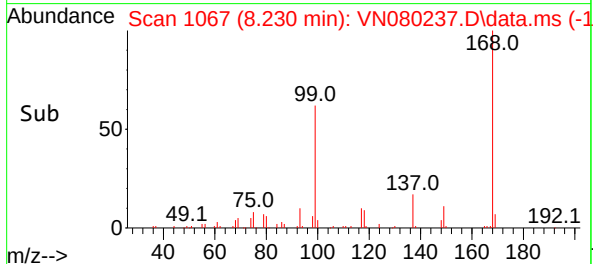
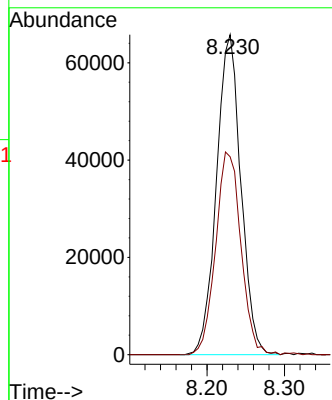
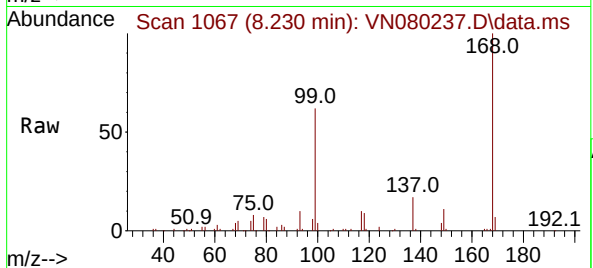




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN080237.D
Acq: 22 Nov 2023 10:45

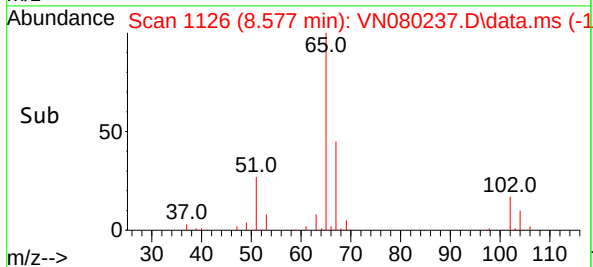
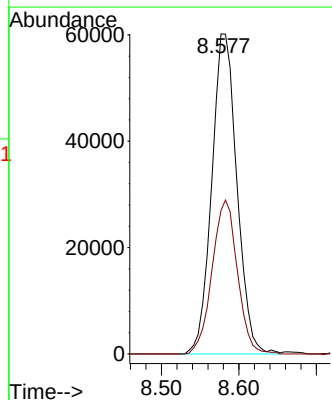
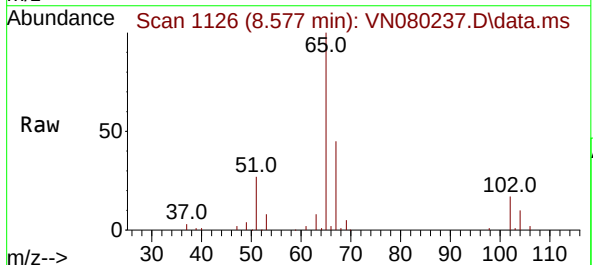
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBL01

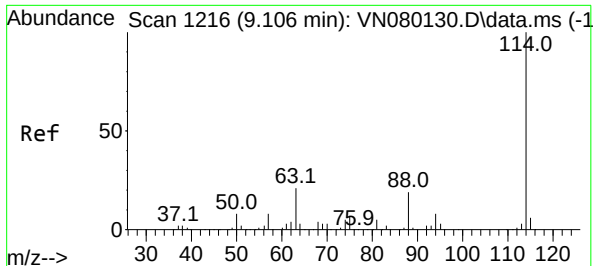
Tgt Ion:168 Resp: 144057
Ion Ratio Lower Upper
168 100
99 61.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 57.126 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN080237.D
Acq: 22 Nov 2023 10:45

Tgt Ion: 65 Resp: 135880
Ion Ratio Lower Upper
65 100
67 48.2 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN080237.D

Acq: 22 Nov 2023 10:45

Instrument :

MSVOA_N

ClientSampleId :

VN1122MBL01

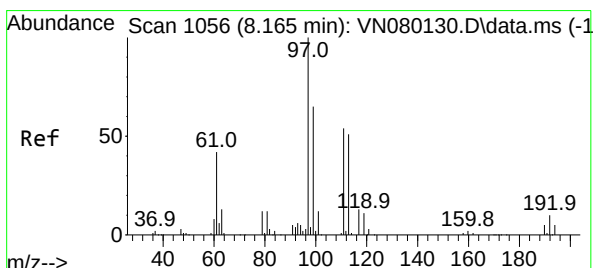
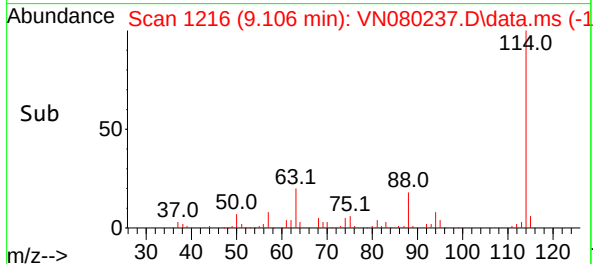
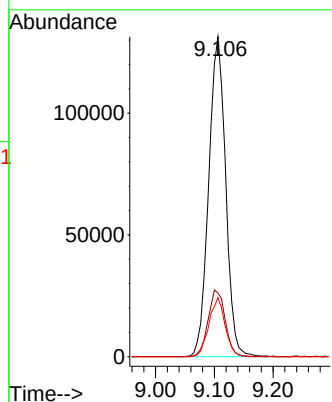
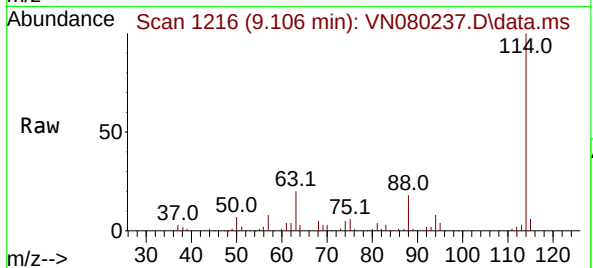
Tgt Ion:114 Resp: 262905

Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

88 18.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.027 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080237.D

Acq: 22 Nov 2023 10:45

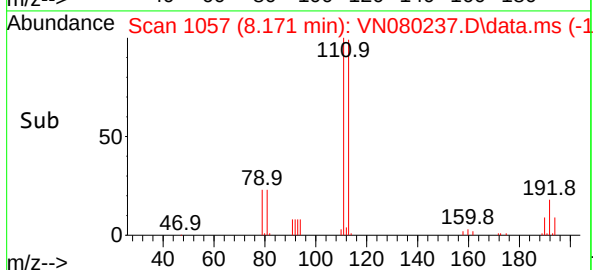
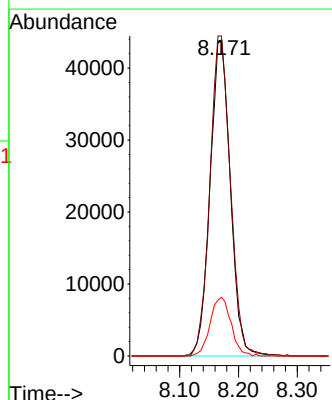
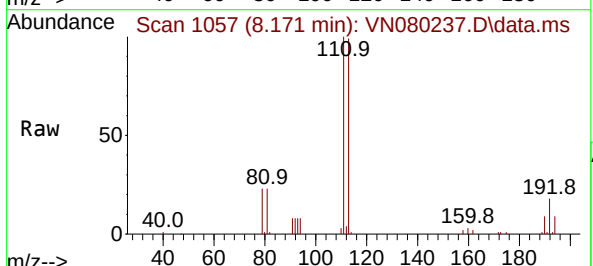
Tgt Ion:113 Resp: 104806

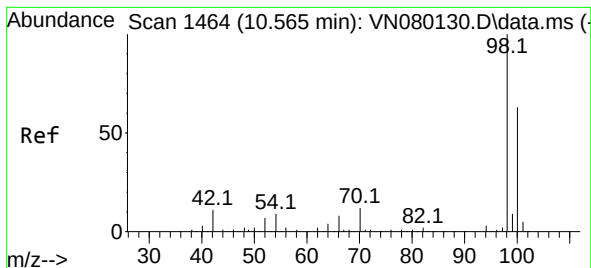
Ion Ratio Lower Upper

113 100

111 102.7 82.6 123.8

192 19.2 12.7 19.1#





#50

Toluene-d8

Concen: 49.398 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080237.D

Acq: 22 Nov 2023 10:45

Instrument :

MSVOA_N

ClientSampleId :

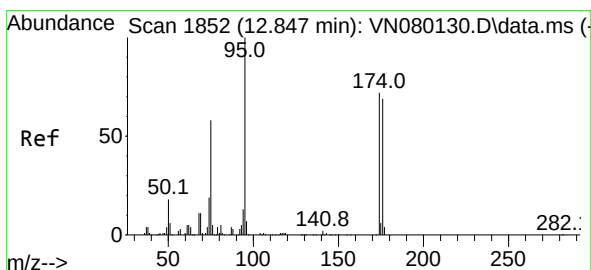
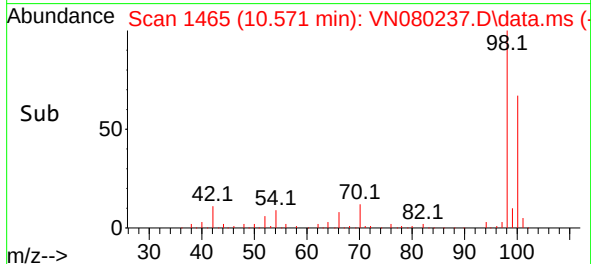
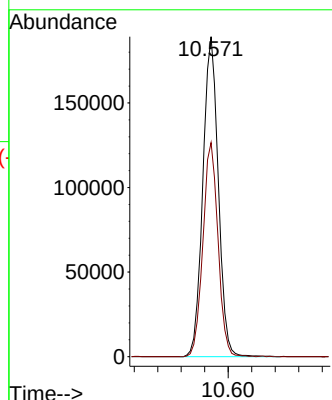
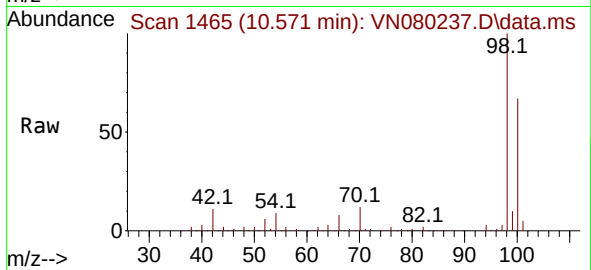
VN1122MBL01

Tgt Ion: 98 Resp: 345434

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.109 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN080237.D

Acq: 22 Nov 2023 10:45

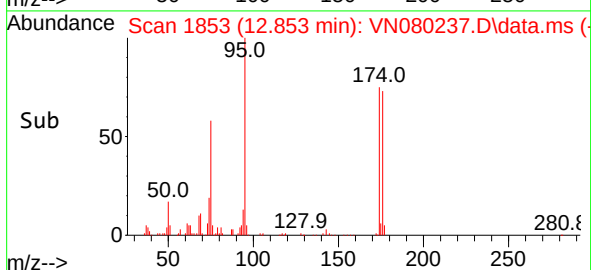
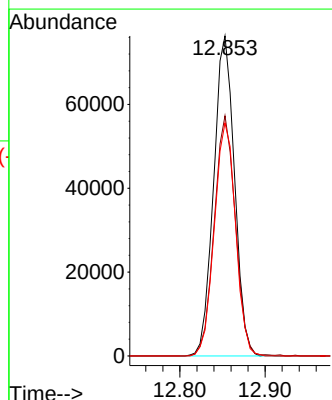
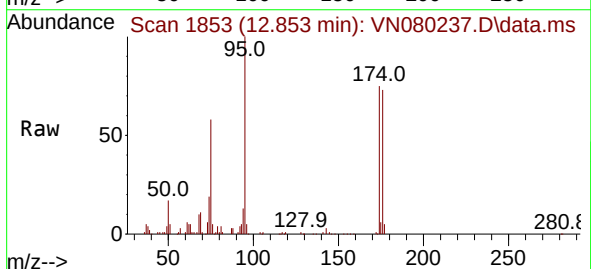
Tgt Ion: 95 Resp: 129713

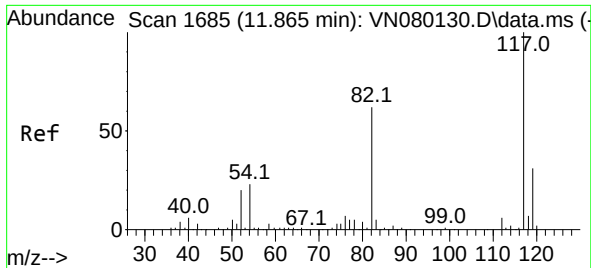
Ion Ratio Lower Upper

95 100

174 76.3 0.0 143.8

176 74.0 0.0 135.8

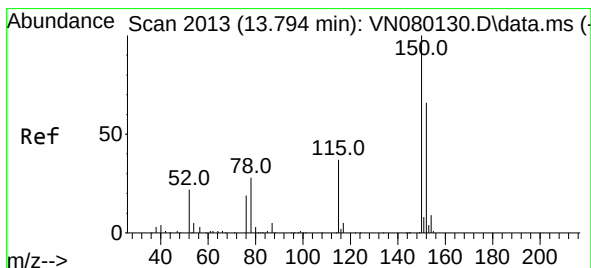
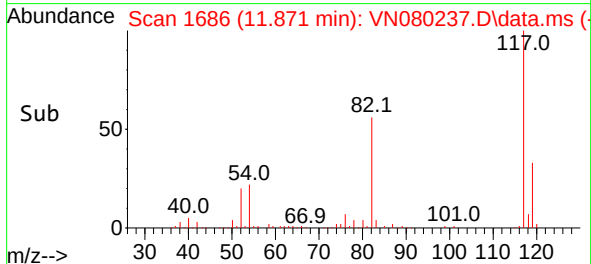
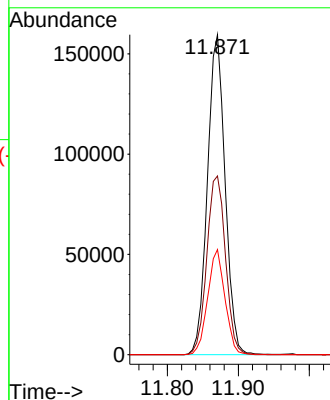
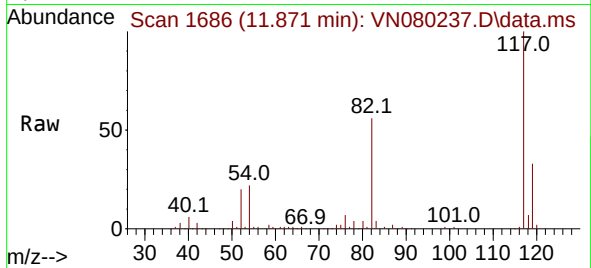




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080237.D
Acq: 22 Nov 2023 10:45

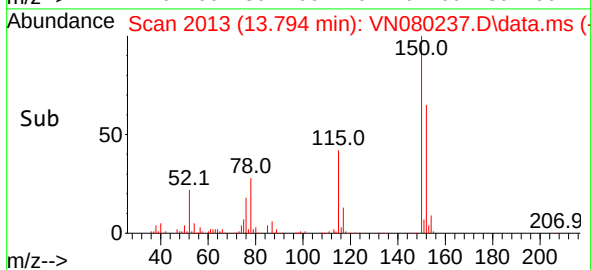
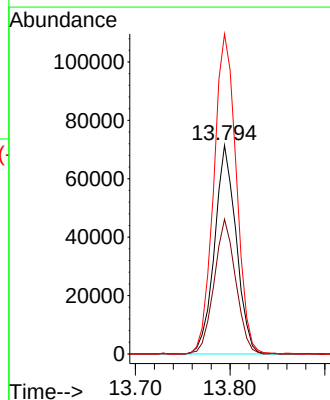
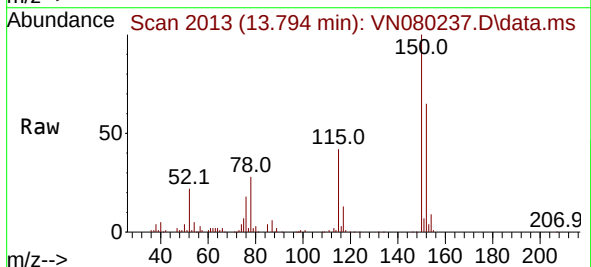
Instrument :
MSVOA_N
ClientSampleId :
VN1122MBL01

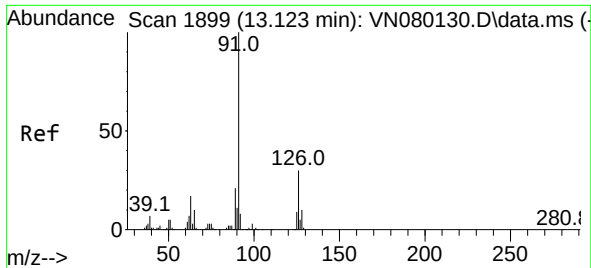
Tgt Ion:117 Resp: 276002
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 32.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080237.D
Acq: 22 Nov 2023 10:45

Tgt Ion:152 Resp: 113363
Ion Ratio Lower Upper
152 100
115 64.5 32.3 96.8
150 159.6 0.0 355.8





#79
 2-Chlorotoluene
 Concen: 0.240 ug/l
 RT: 13.223 min Scan# 1916
 Delta R.T. 0.100 min
 Lab File: VN080237.D
 Acq: 22 Nov 2023 10:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1122MBL01

Tgt Ion: 91 Resp: 1536
 Ion Ratio Lower Upper
 91 100
 126 29.6 16.3 48.8

