

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020224\
 Data File : VN080887.D
 Acq On : 02 Feb 2024 20:39
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 02 23:58:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	79794	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	191374	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	211210	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	85970	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	72965	52.857	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.720%
35) Dibromofluoromethane	8.171	113	56418	48.186	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.380%
50) Toluene-d8	10.571	98	220933	48.212	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.420%
62) 4-Bromofluorobenzene	12.853	95	94860	59.403	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	118.800%

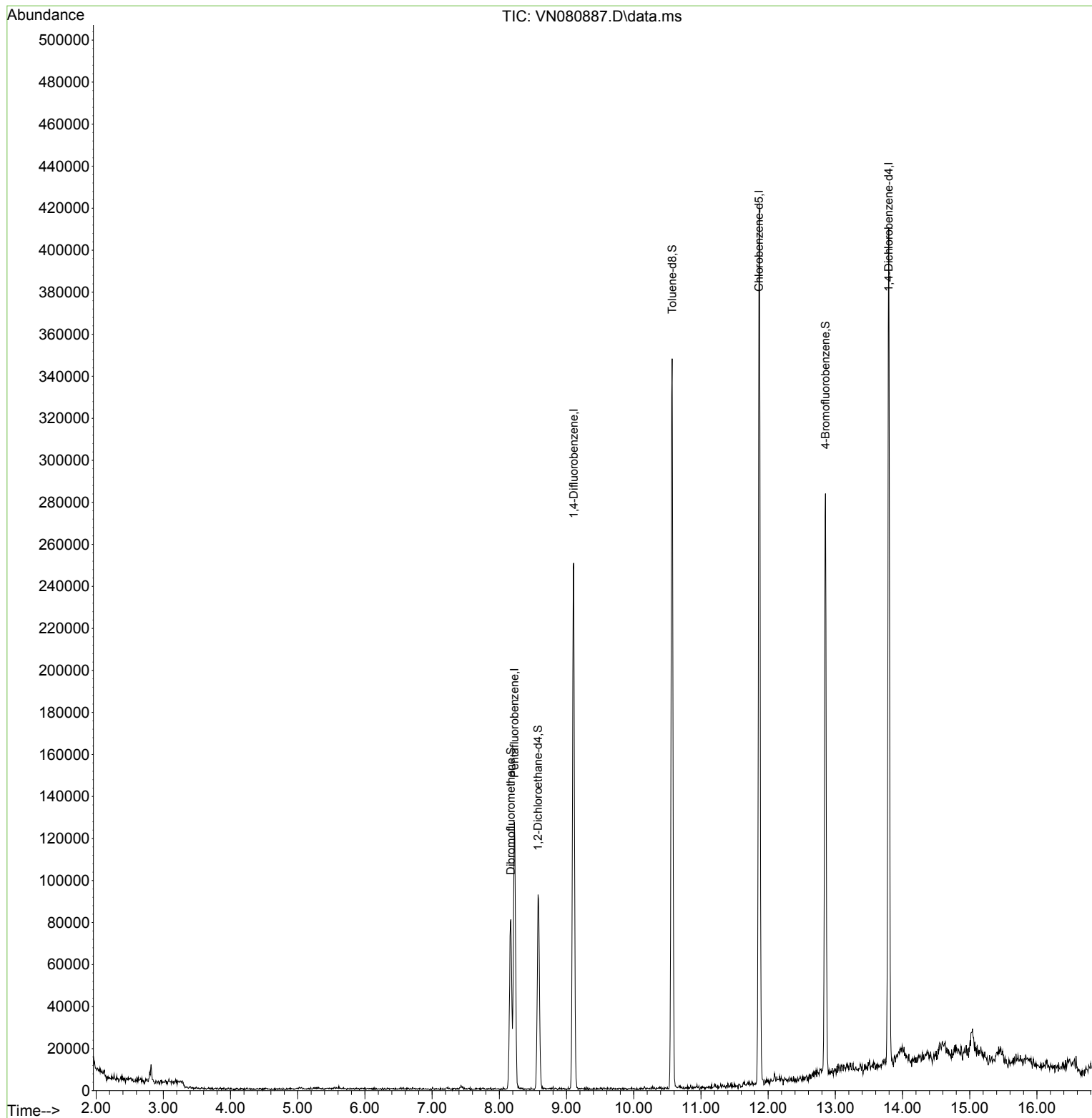
Target Compounds	Qvalue

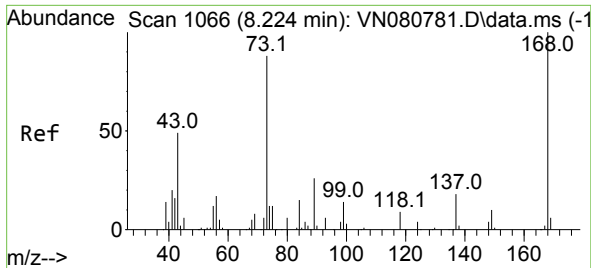
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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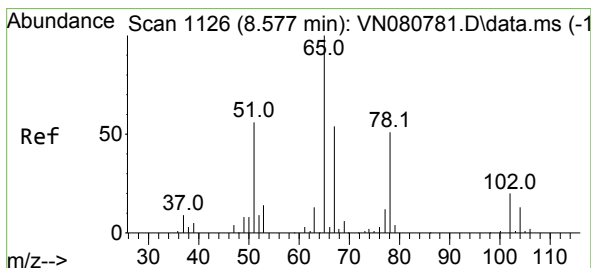
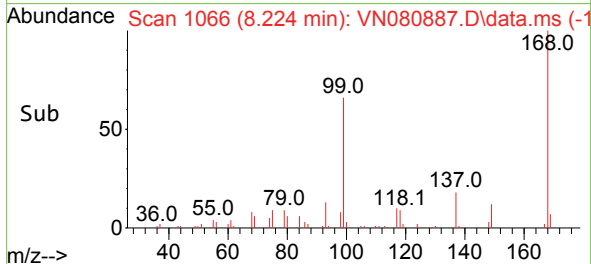
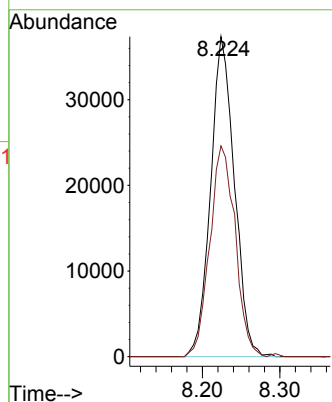
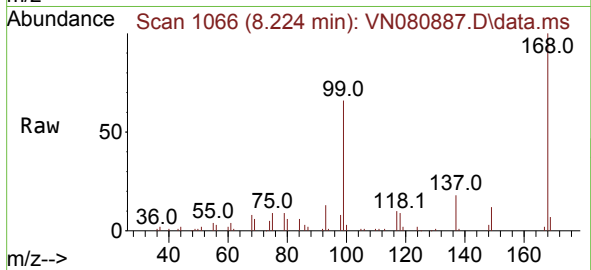




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080887.D
Acq: 02 Feb 2024 20:39

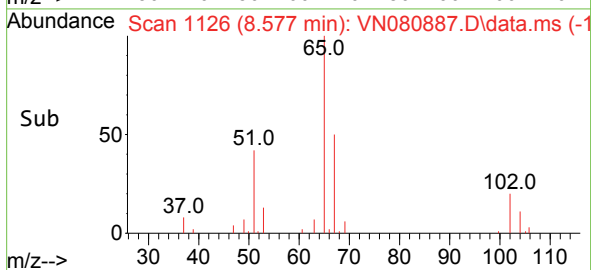
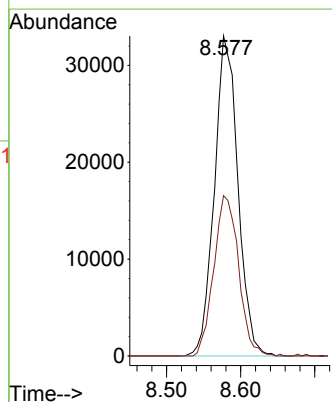
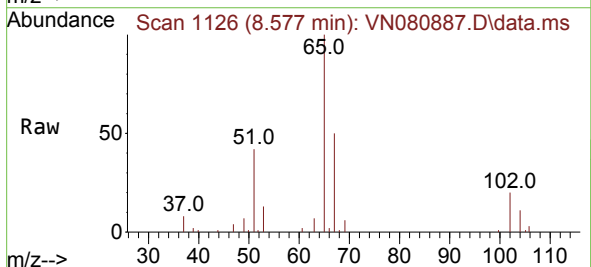
Instrument :
MSVOA_N
ClientSampleId :
IBLK

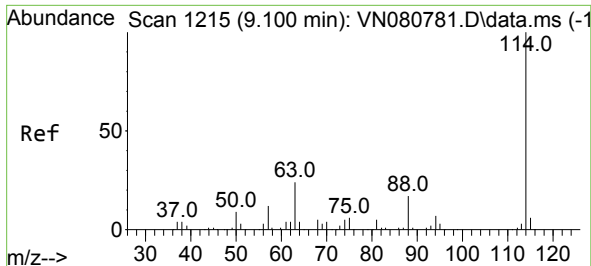
Tgt Ion:168 Resp: 79794
Ion Ratio Lower Upper
168 100
99 65.9 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 52.857 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN080887.D
Acq: 02 Feb 2024 20:39

Tgt Ion: 65 Resp: 72965
Ion Ratio Lower Upper
65 100
67 52.9 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080887.D

Acq: 02 Feb 2024 20:39

Instrument :

MSVOA_N

ClientSampleId :

IBLK

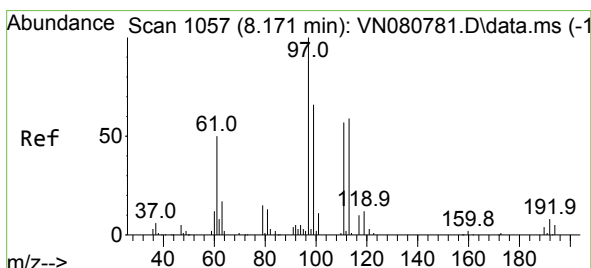
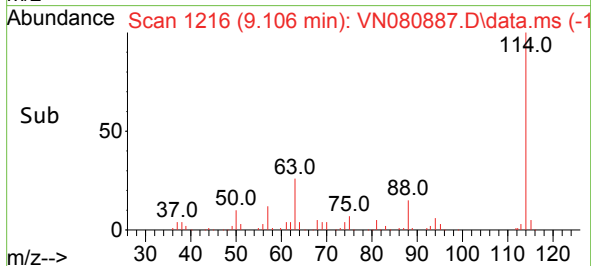
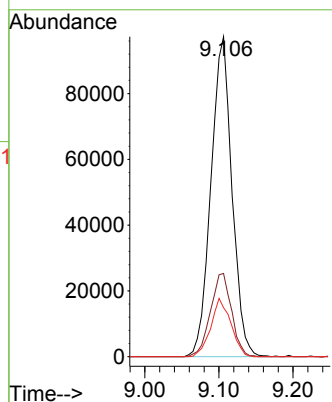
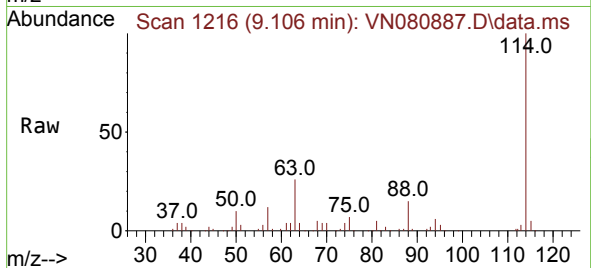
Tgt Ion:114 Resp: 191374

Ion Ratio Lower Upper

114 100

63 26.0 0.0 48.0

88 15.3 0.0 34.8



#35

Dibromofluoromethane

Concen: 48.186 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN080887.D

Acq: 02 Feb 2024 20:39

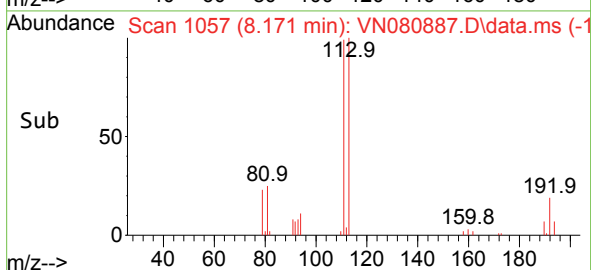
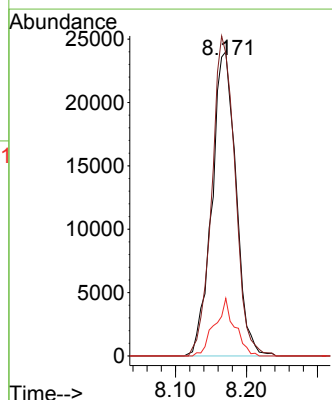
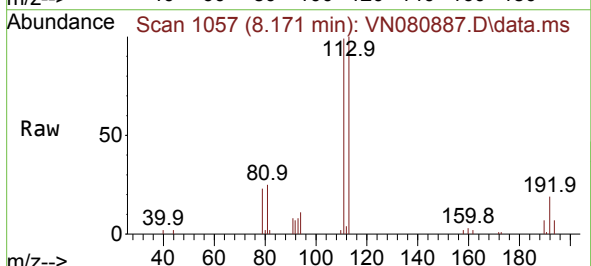
Tgt Ion:113 Resp: 56418

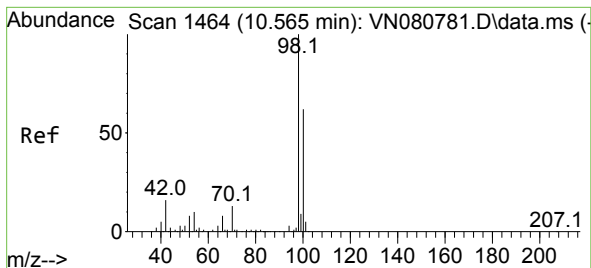
Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

192 15.8 12.5 18.7





#50

Toluene-d8

Concen: 48.212 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080887.D

Acq: 02 Feb 2024 20:39

Instrument :

MSVOA_N

ClientSampleId :

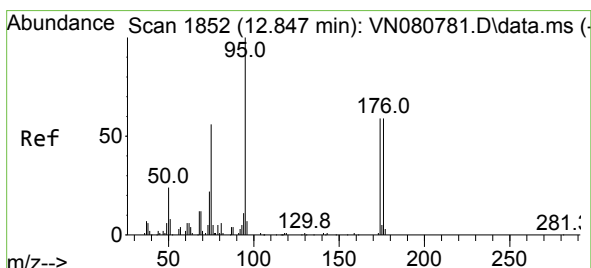
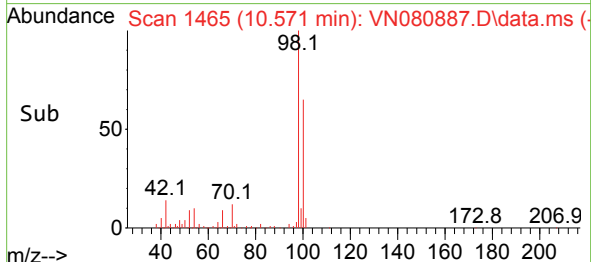
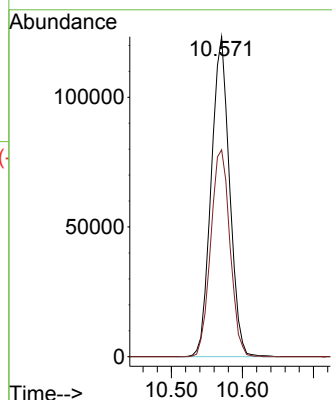
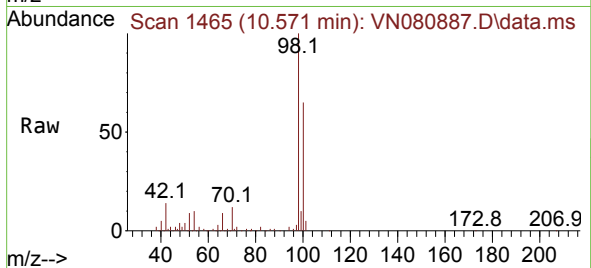
IBLK

Tgt Ion: 98 Resp: 220933

Ion Ratio Lower Upper

98 100

100 67.8 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 59.403 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.006 min

Lab File: VN080887.D

Acq: 02 Feb 2024 20:39

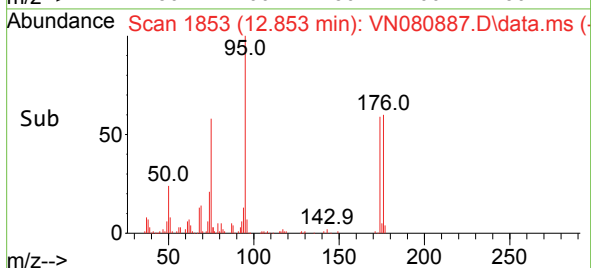
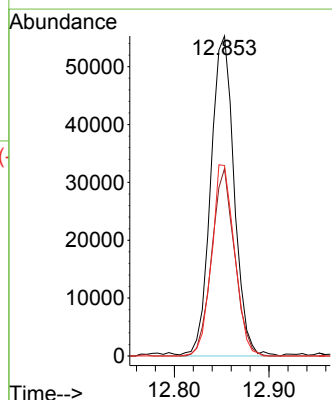
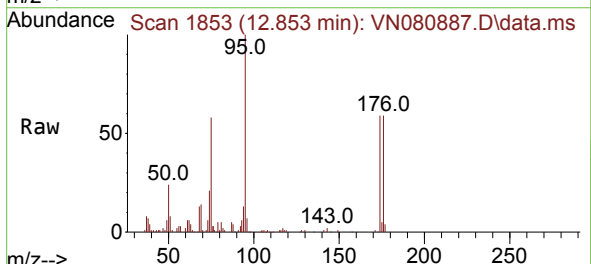
Tgt Ion: 95 Resp: 94860

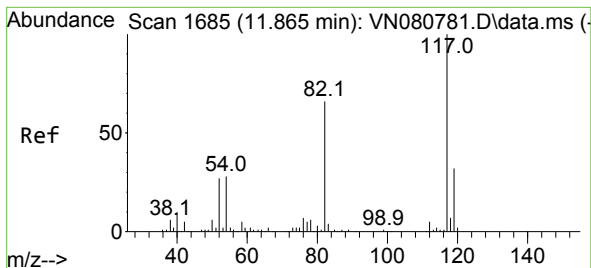
Ion Ratio Lower Upper

95 100

174 57.3 0.0 120.4

176 58.4 0.0 121.0

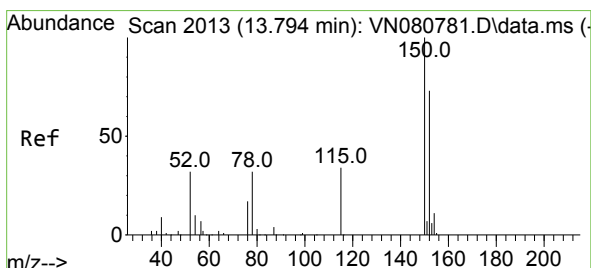
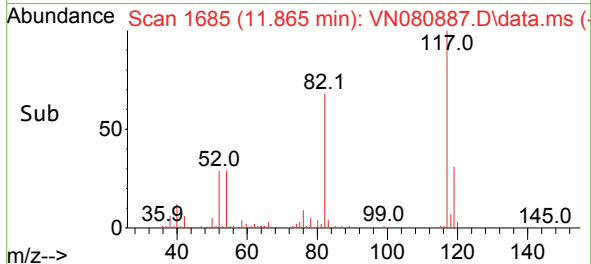
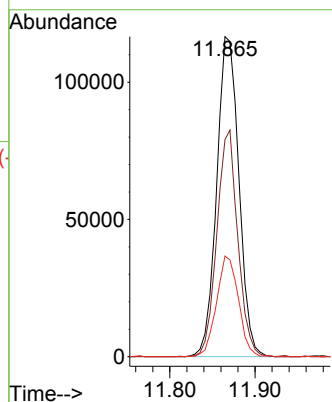
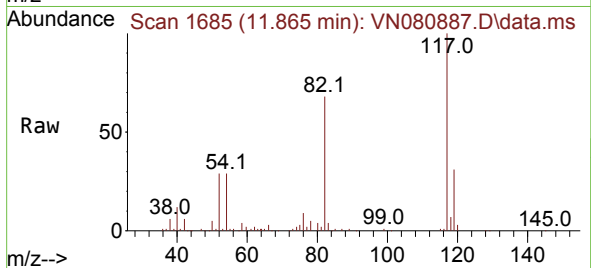




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080887.D
Acq: 02 Feb 2024 20:39

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 211210
Ion Ratio Lower Upper
117 100
82 67.7 52.7 79.1
119 31.5 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080887.D
Acq: 02 Feb 2024 20:39

Tgt Ion:152 Resp: 85970
Ion Ratio Lower Upper
152 100
115 68.7 32.3 96.8
150 160.6 0.0 339.8

