

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012324\
 Data File : VN080761.D
 Acq On : 23 Jan 2024 14:36
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jan 24 02:00:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	118856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	266023	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	279881	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	111873	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	91553	43.863	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.720%
35) Dibromofluoromethane	8.165	113	74332	49.178	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.360%
50) Toluene-d8	10.570	98	306731	53.221	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.440%
62) 4-Bromofluorobenzene	12.847	95	121825	55.122	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.240%

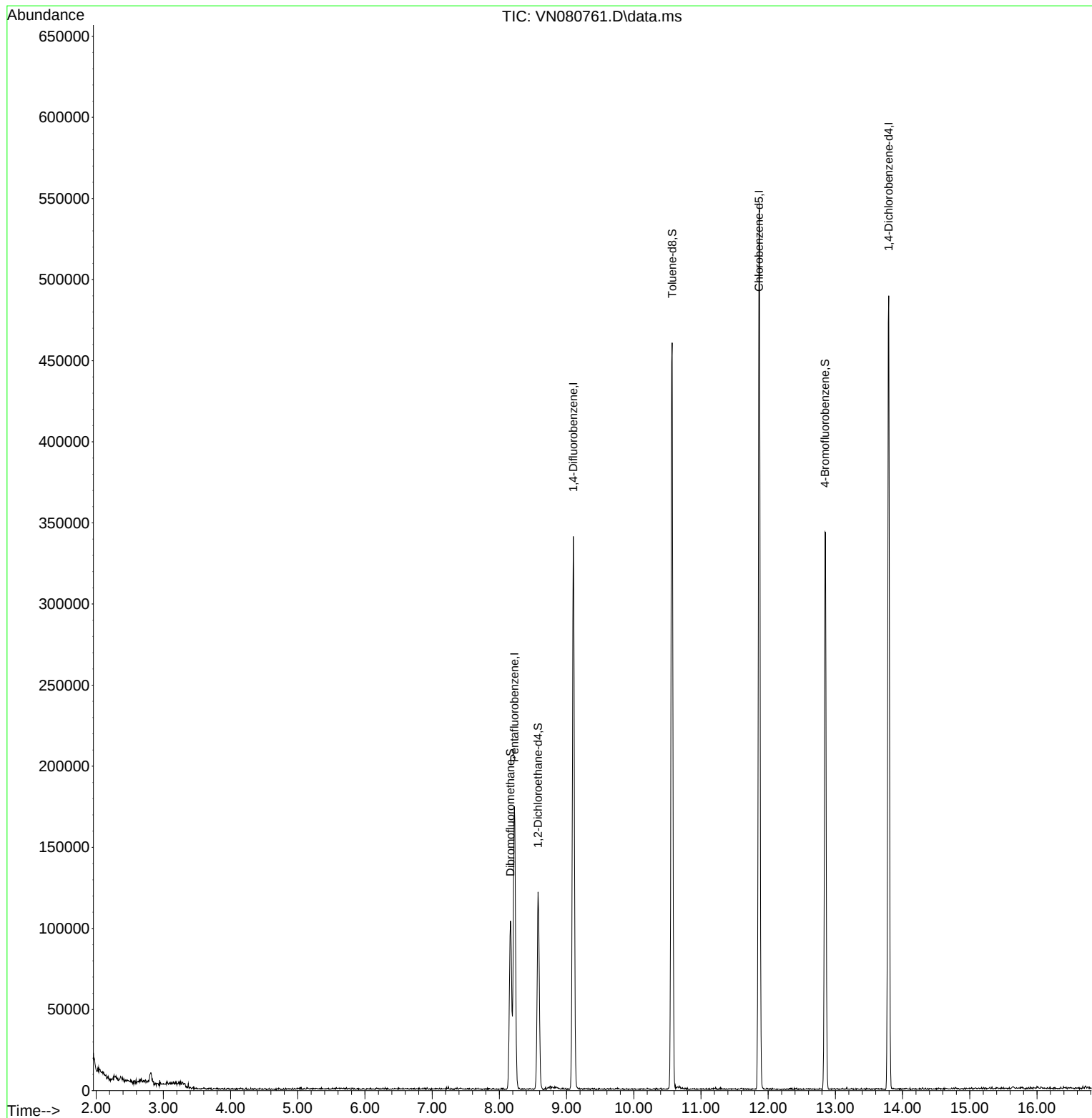
Target Compounds	Qvalue

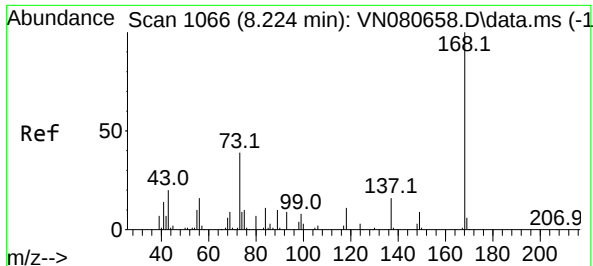
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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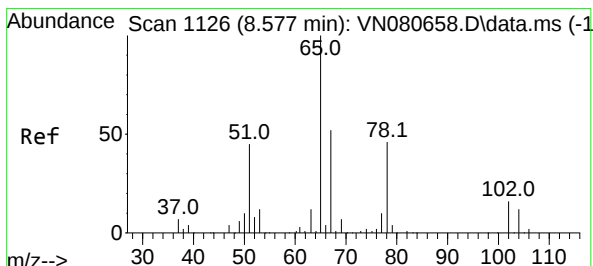
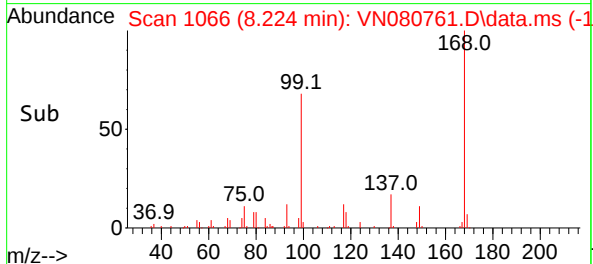
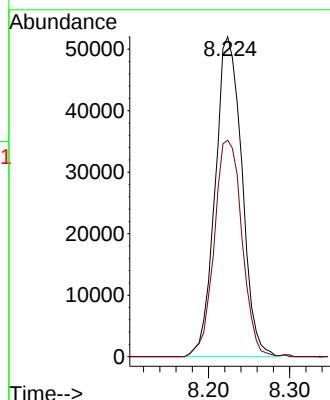
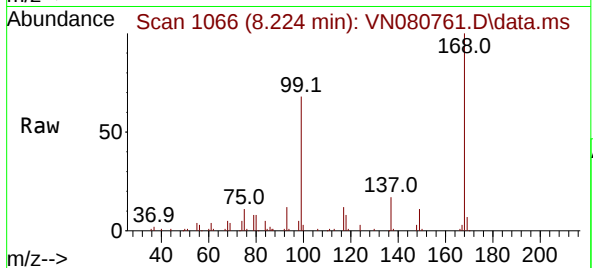




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080761.D
Acq: 23 Jan 2024 14:36

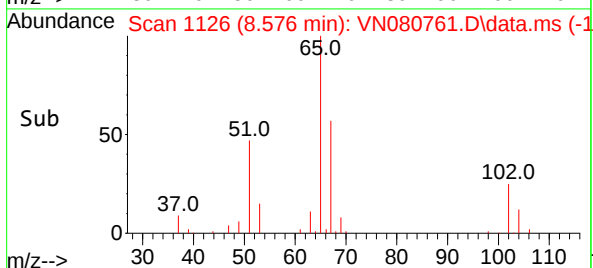
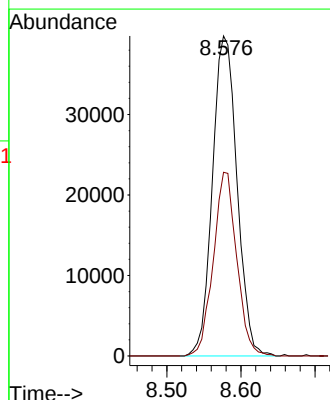
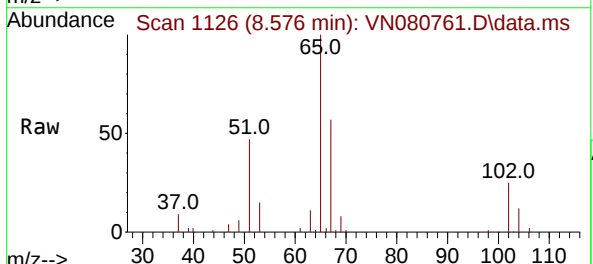
Instrument :
MSVOA_N
ClientSampleId :
IBLK

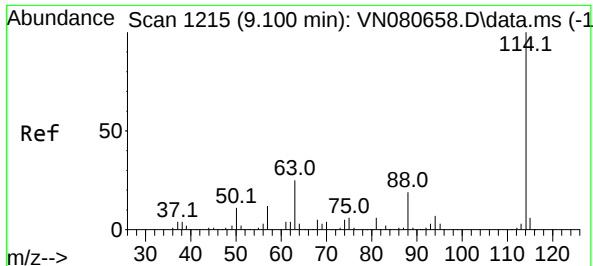
Tgt Ion:168 Resp: 118856
Ion Ratio Lower Upper
168 100
99 67.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 43.863 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.001 min
Lab File: VN080761.D
Acq: 23 Jan 2024 14:36

Tgt Ion: 65 Resp: 91553
Ion Ratio Lower Upper
65 100
67 54.7 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080761.D

Acq: 23 Jan 2024 14:36

Instrument :

MSVOA_N

ClientSampleId :

IBLK

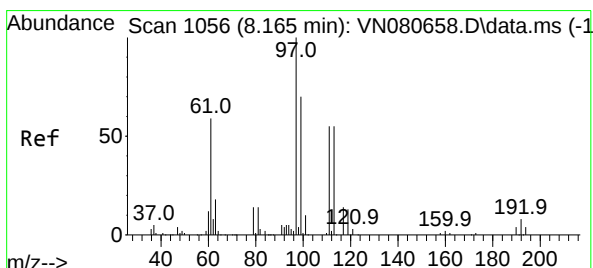
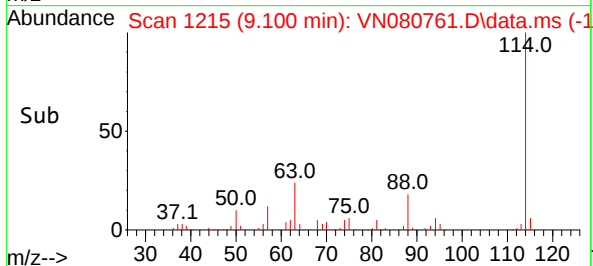
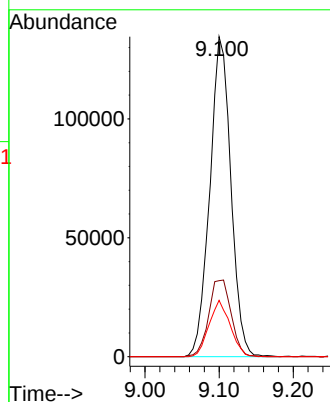
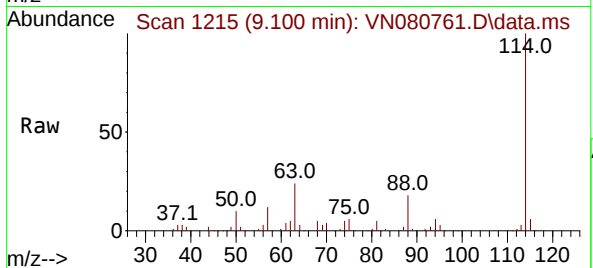
Tgt Ion:114 Resp: 266023

Ion Ratio Lower Upper

114 100

63 23.7 0.0 36.4

88 17.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.178 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080761.D

Acq: 23 Jan 2024 14:36

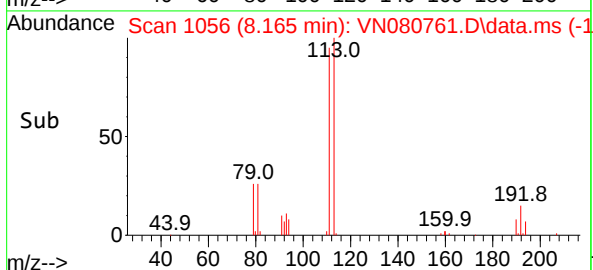
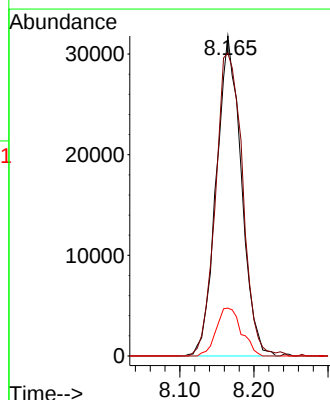
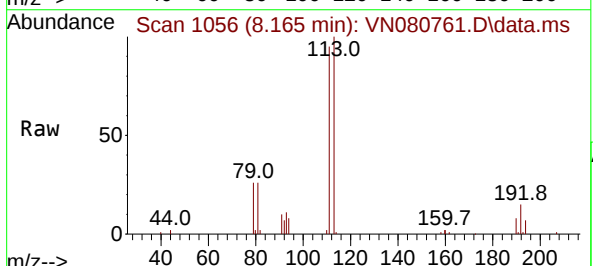
Tgt Ion:113 Resp: 74332

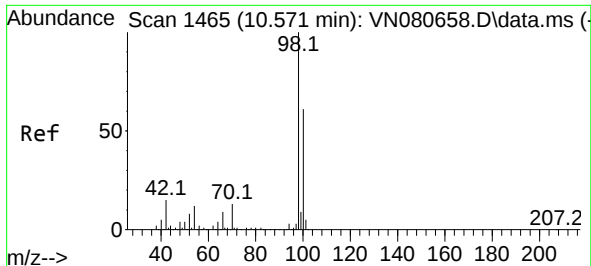
Ion Ratio Lower Upper

113 100

111 102.5 82.6 123.8

192 15.1 12.7 19.1

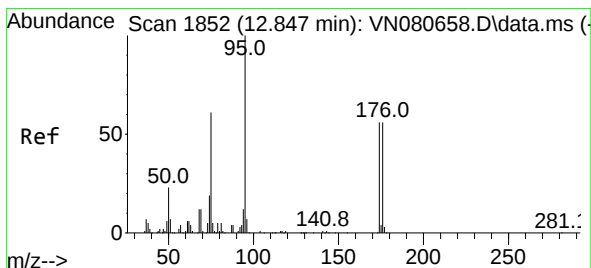
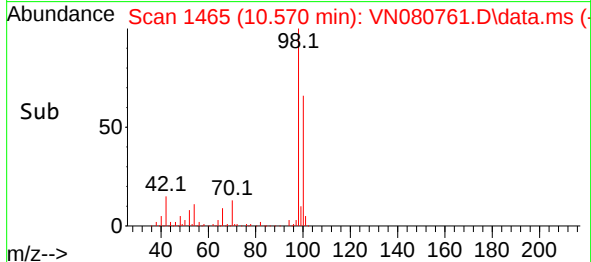
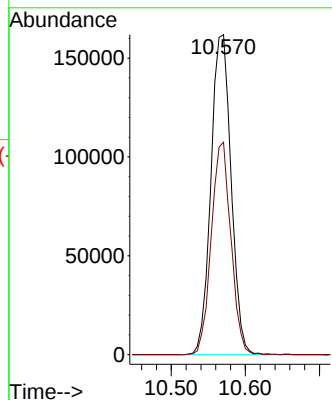
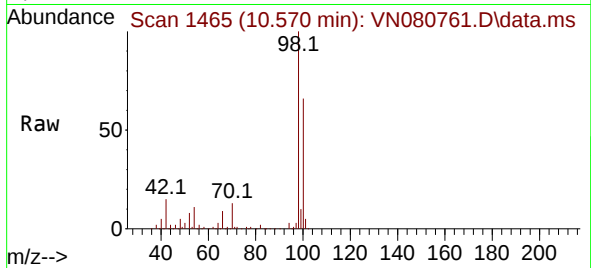




#50
Toluene-d8
Concen: 53.221 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN080761.D
Acq: 23 Jan 2024 14:36

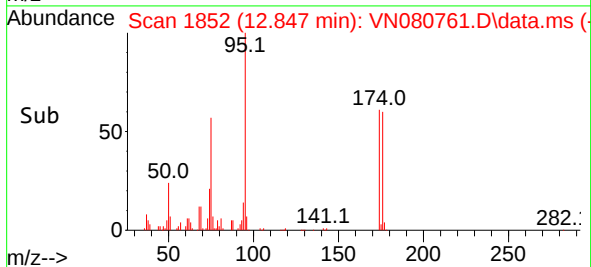
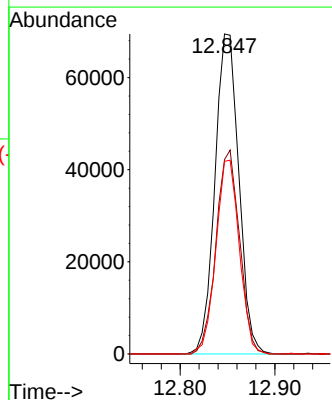
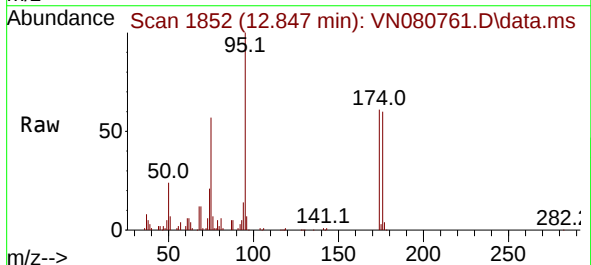
Instrument :
MSVOA_N
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IBLK

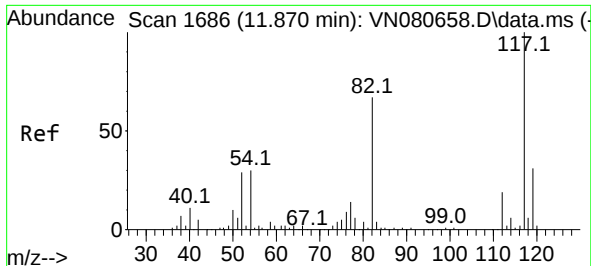
Tgt Ion: 98 Resp: 306731
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 55.122 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080761.D
Acq: 23 Jan 2024 14:36

Tgt Ion: 95 Resp: 121825
Ion Ratio Lower Upper
95 100
174 62.7 0.0 143.8
176 59.3 0.0 135.8

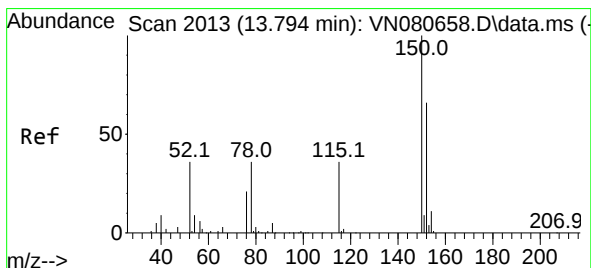
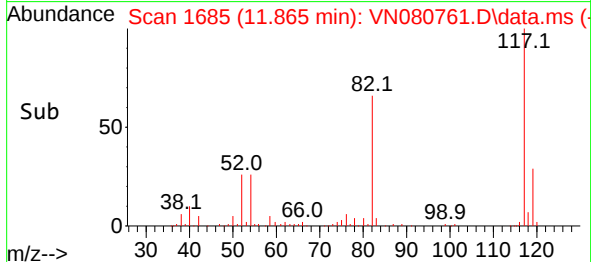
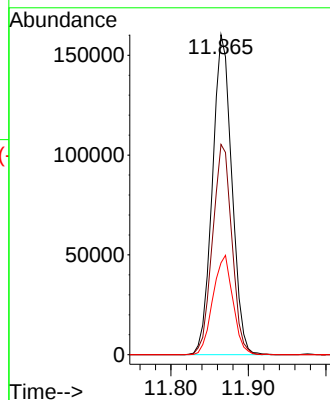
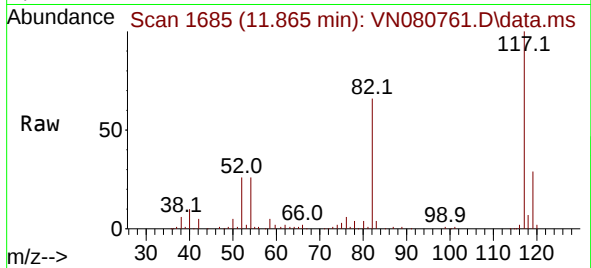




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080761.D
Acq: 23 Jan 2024 14:36

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 279881
Ion Ratio Lower Upper
117 100
82 65.7 44.0 66.0
119 28.7 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: VN080761.D
Acq: 23 Jan 2024 14:36

Tgt Ion:152 Resp: 111873
Ion Ratio Lower Upper
152 100
115 70.7 32.3 96.8
150 160.3 0.0 355.8

