

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042524\
 Data File : VN081865.D
 Acq On : 25 Apr 2024 21:04
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Apr 26 05:42:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042524W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 26 05:26:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	224084	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	409892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	367827	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	154485	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	171641	45.384	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.760%
35) Dibromofluoromethane	8.171	113	124559	50.472	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.940%
50) Toluene-d8	10.571	98	507003	52.309	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.620%
62) 4-Bromofluorobenzene	12.853	95	189356	49.421	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	98.840%

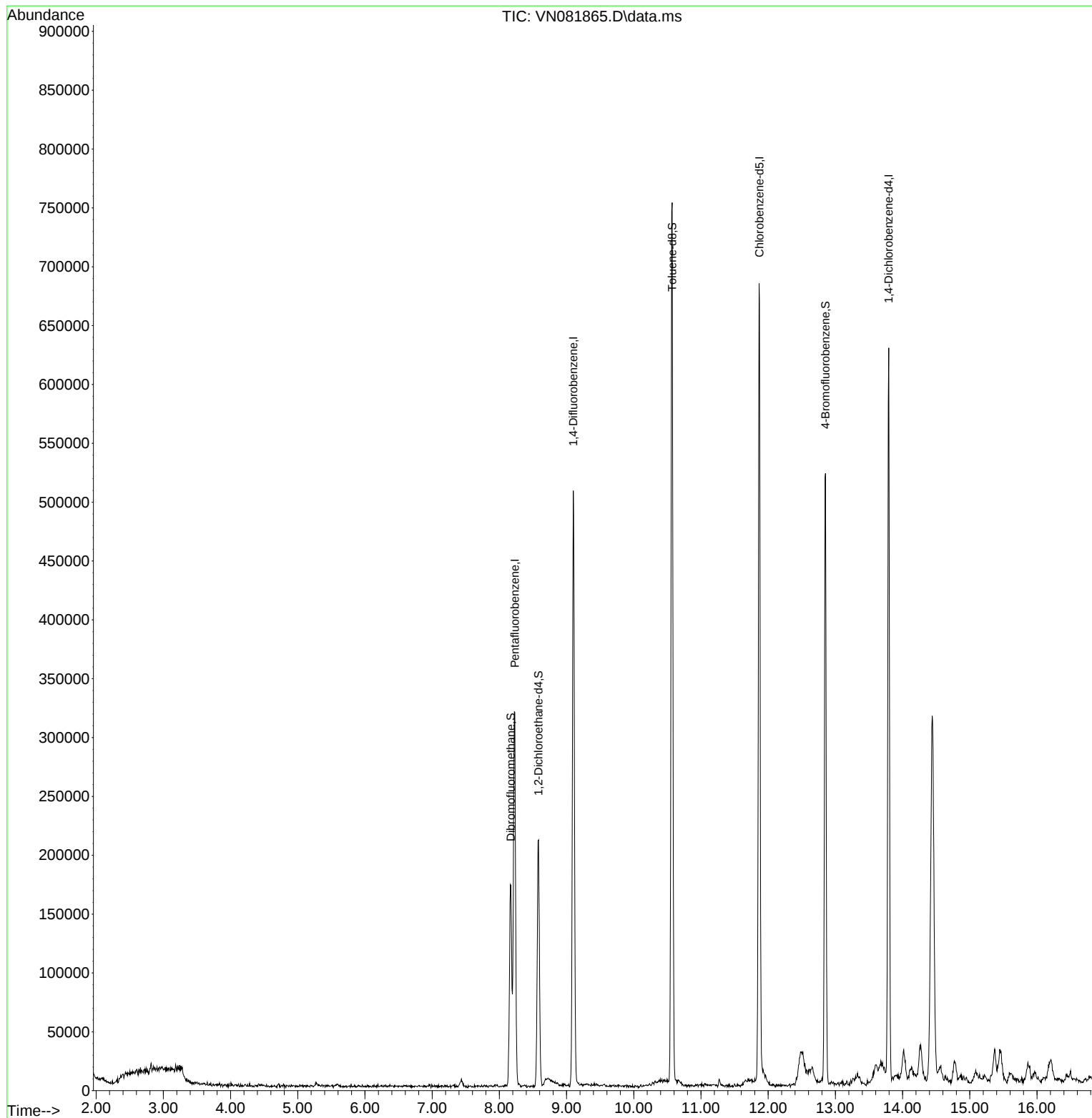
Target Compounds	Qvalue

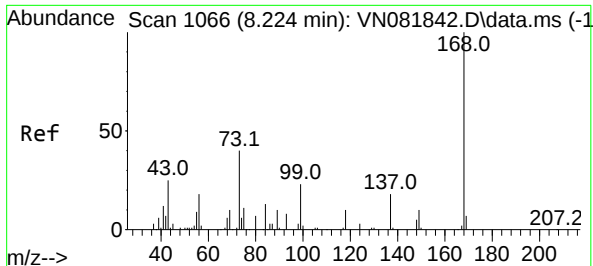
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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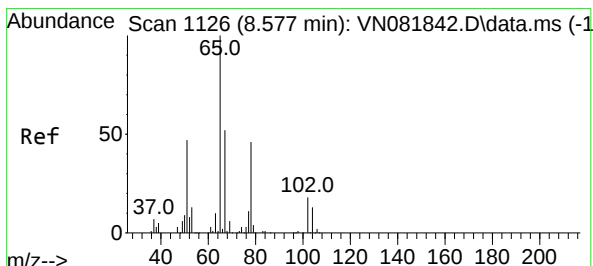
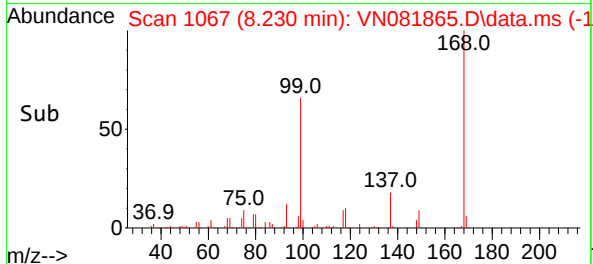
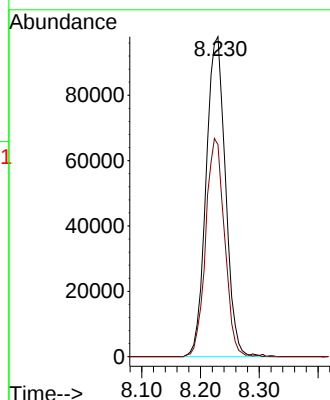
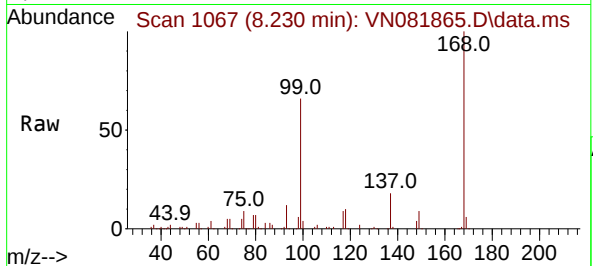




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081865.D
Acq: 25 Apr 2024 21:04

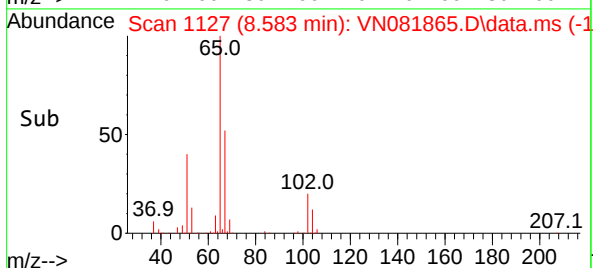
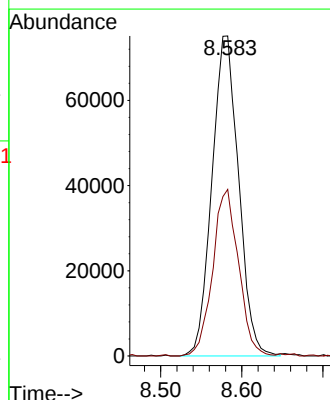
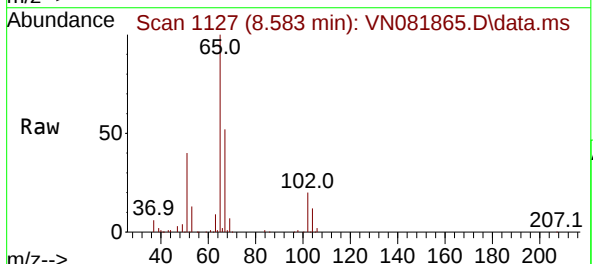
Instrument :
MSVOA_N
ClientSampleId :
IBLK

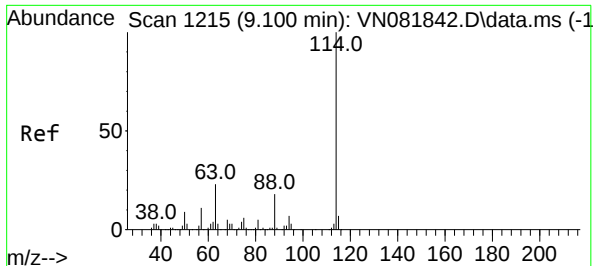
Tgt Ion:168 Resp: 224084
Ion Ratio Lower Upper
168 100
99 66.2 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 45.384 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081865.D
Acq: 25 Apr 2024 21:04

Tgt Ion: 65 Resp: 171641
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081865.D

Acq: 25 Apr 2024 21:04

Instrument :

MSVOA_N

ClientSampleId :

IBLK

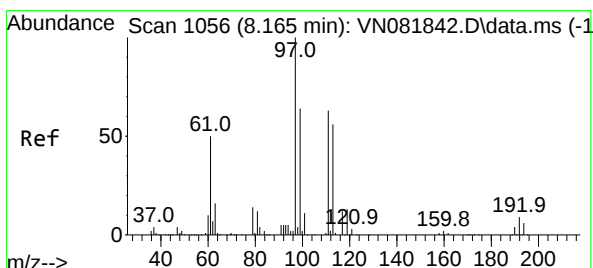
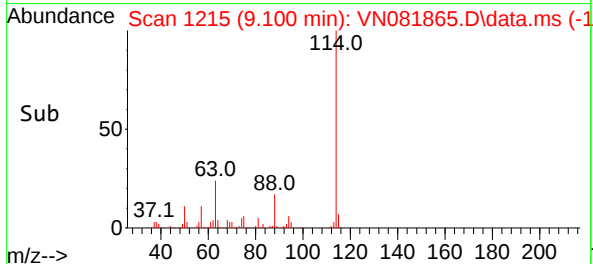
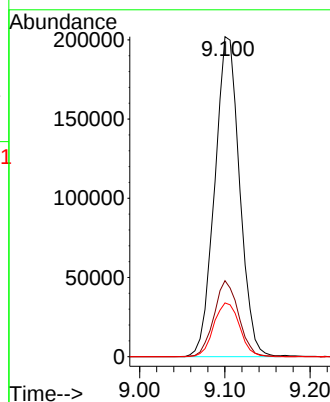
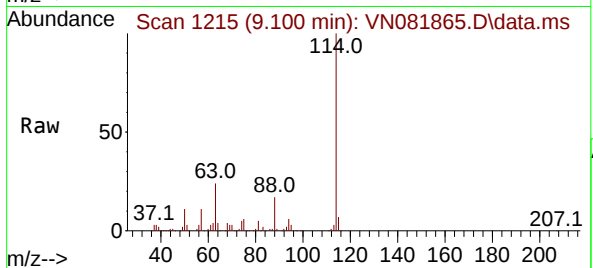
Tgt Ion:114 Resp: 409892

Ion Ratio Lower Upper

114 100

63 23.7 0.0 41.0

88 16.8 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.472 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN081865.D

Acq: 25 Apr 2024 21:04

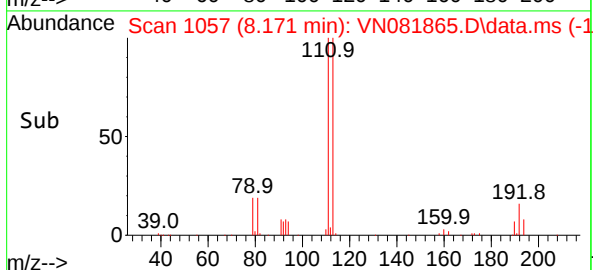
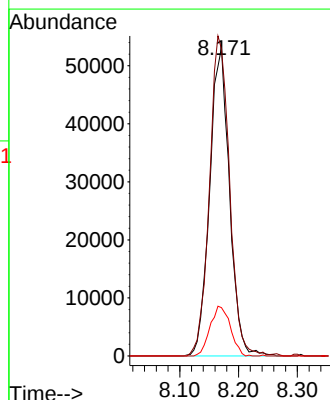
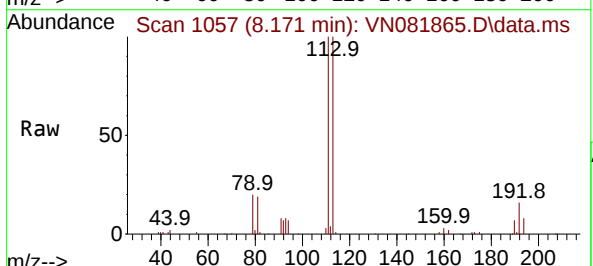
Tgt Ion:113 Resp: 124559

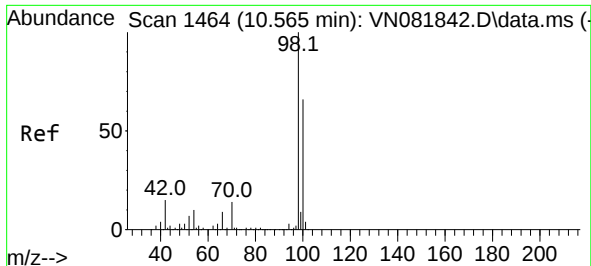
Ion Ratio Lower Upper

113 100

111 105.1 83.4 125.2

192 16.5 14.0 21.0

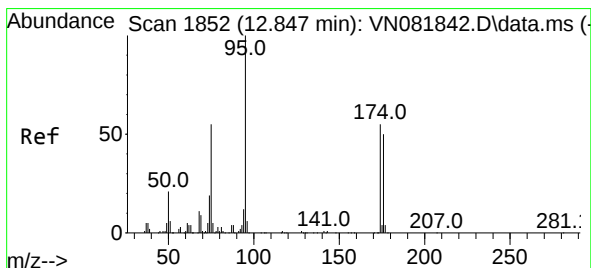
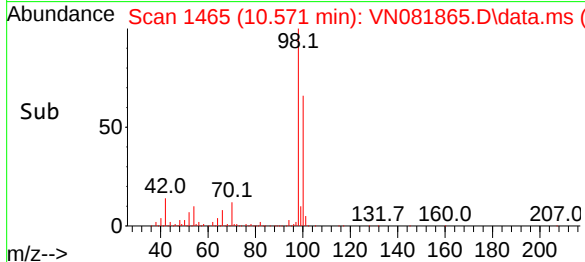
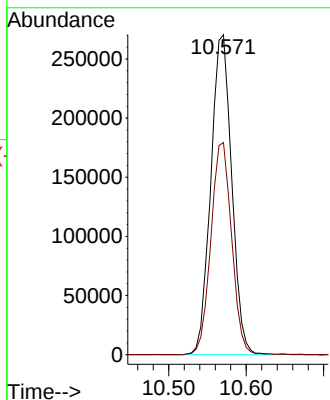
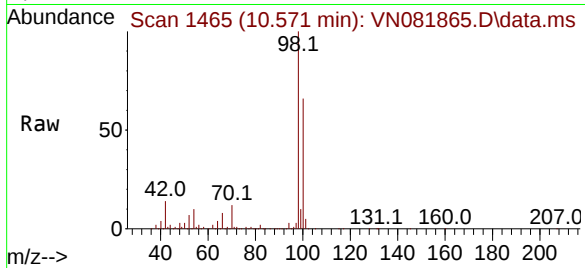




#50
Toluene-d8
Concen: 52.309 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081865.D
Acq: 25 Apr 2024 21:04

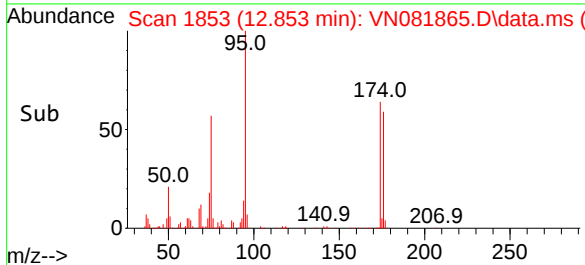
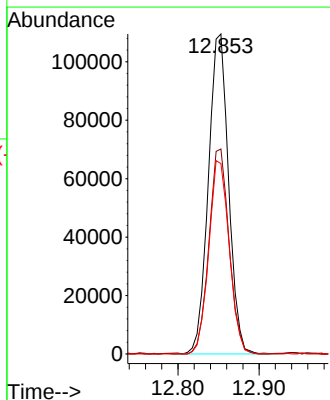
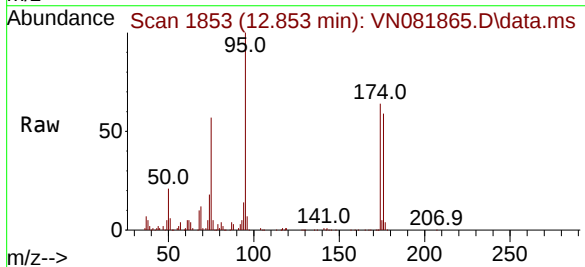
Instrument :
MSVOA_N
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IBLK

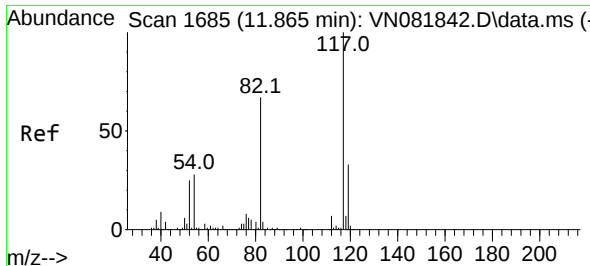
Tgt Ion: 98 Resp: 507003
Ion Ratio Lower Upper
98 100
100 65.8 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 49.421 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN081865.D
Acq: 25 Apr 2024 21:04

Tgt Ion: 95 Resp: 189356
Ion Ratio Lower Upper
95 100
174 64.0 0.0 160.6
176 60.9 0.0 152.8

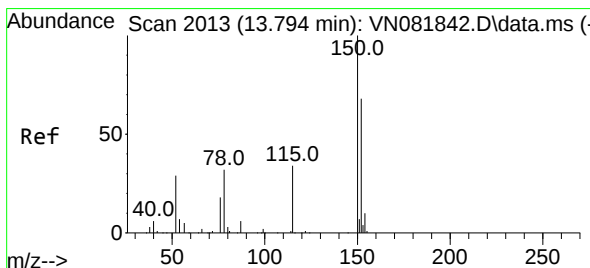
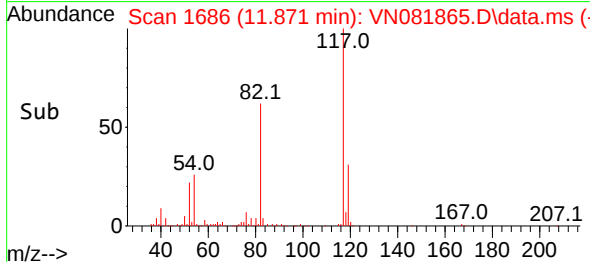
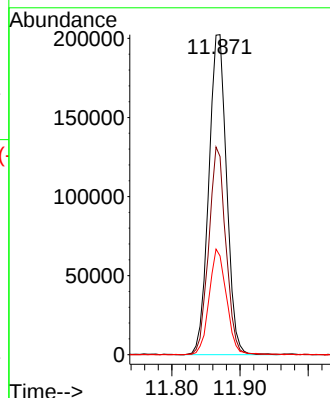
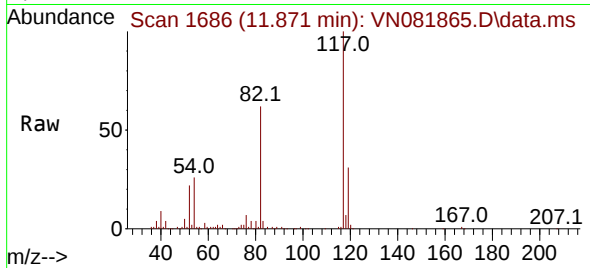




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN081865.D
Acq: 25 Apr 2024 21:04

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 367827
Ion Ratio Lower Upper
117 100
82 61.9 44.6 66.8
119 30.9 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081865.D
Acq: 25 Apr 2024 21:04

Tgt Ion:152 Resp: 154485
Ion Ratio Lower Upper
152 100
115 66.1 30.4 91.3
150 158.3 0.0 353.2

