

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
 Data File : VN082322.D
 Acq On : 23 May 2024 15:30
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 24 04:19:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	201329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	352620	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	343988	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	169344	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	158389	49.823	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.640%
35) Dibromofluoromethane	8.171	113	111351	51.334	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.660%
50) Toluene-d8	10.571	98	452757	54.442	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.880%
62) 4-Bromofluorobenzene	12.853	95	177522	59.806	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	119.620%

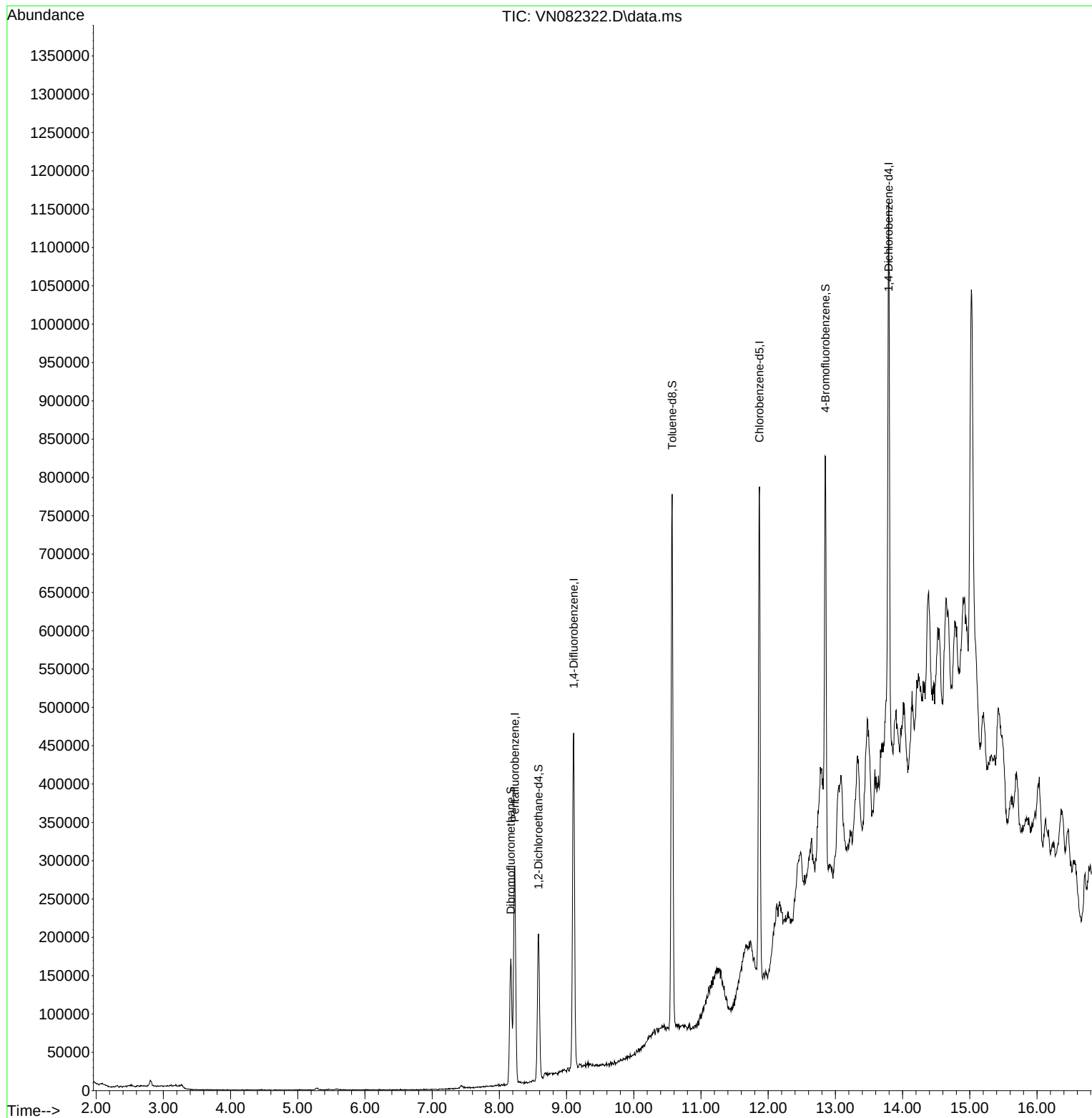
Target Compounds	Qvalue

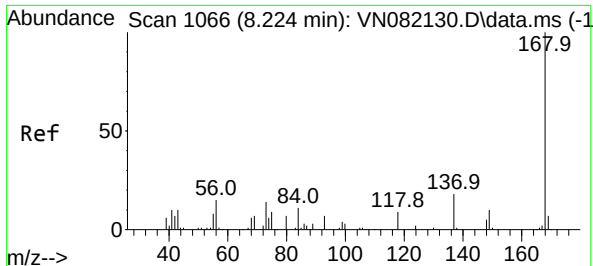
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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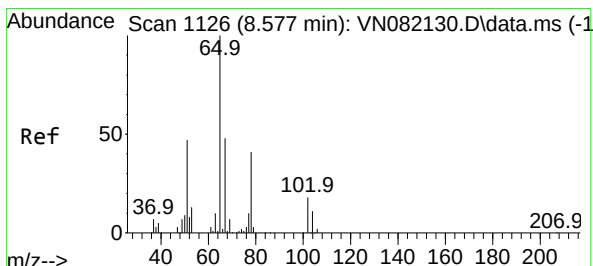
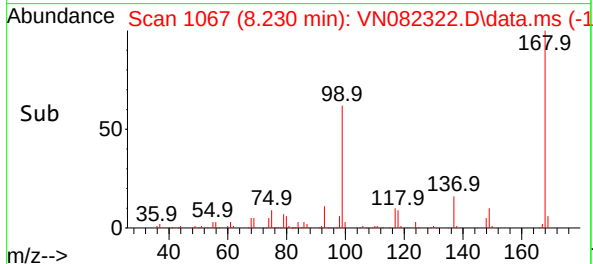
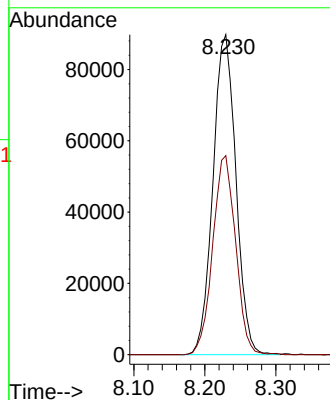
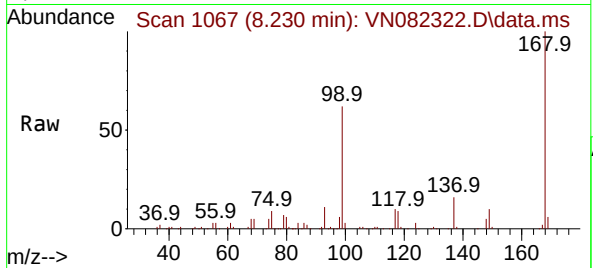




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN082322.D
Acq: 23 May 2024 15:30

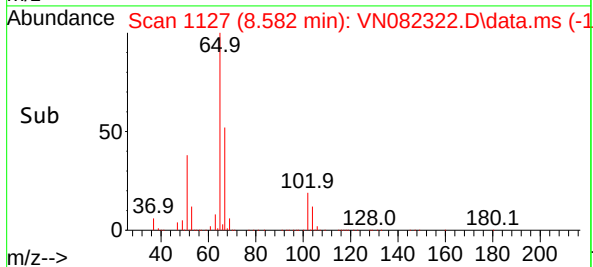
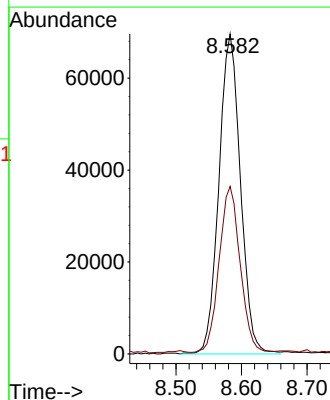
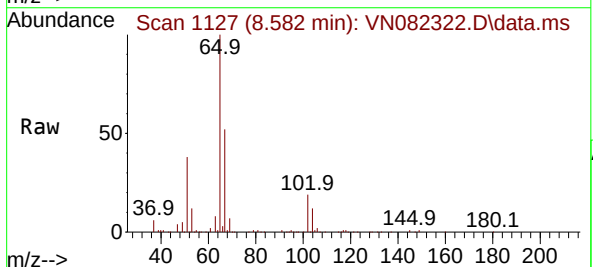
Instrument :
MSVOA_N
ClientSampleId :
IBLK

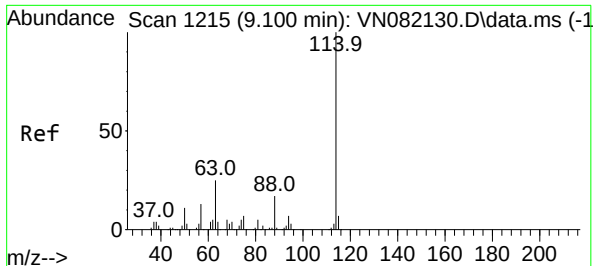
Tgt Ion:168 Resp: 201329
Ion Ratio Lower Upper
168 100
99 62.2 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 49.823 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082322.D
Acq: 23 May 2024 15:30

Tgt Ion: 65 Resp: 158389
Ion Ratio Lower Upper
65 100
67 50.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082322.D

Acq: 23 May 2024 15:30

Instrument :

MSVOA_N

ClientSampleId :

IBLK

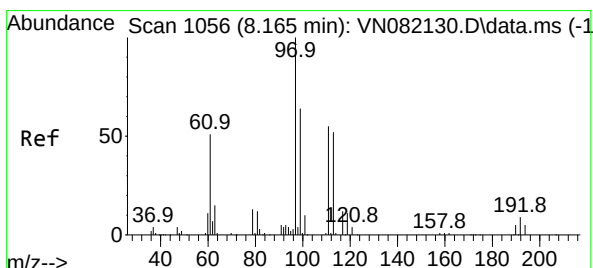
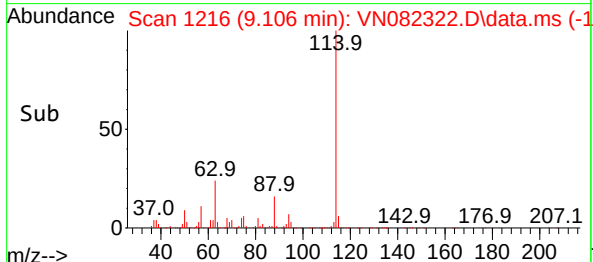
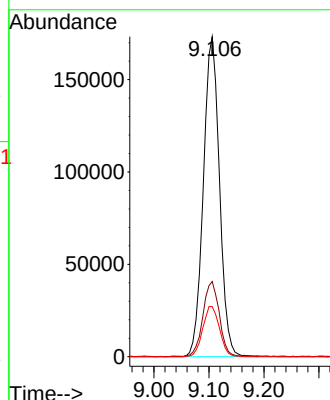
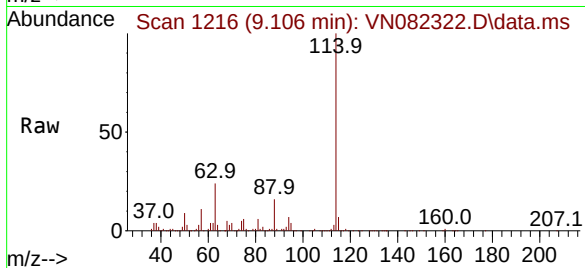
Tgt Ion:114 Resp: 352620

Ion Ratio Lower Upper

114 100

63 23.4 0.0 41.0

88 15.7 0.0 31.4



#35

Dibromofluoromethane

Concen: 51.334 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082322.D

Acq: 23 May 2024 15:30

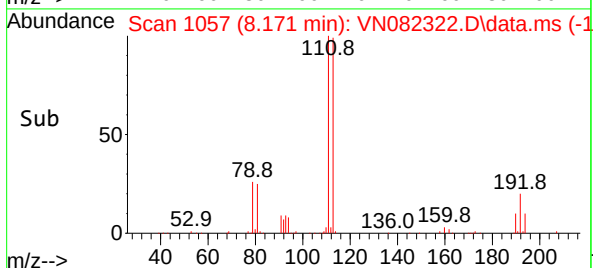
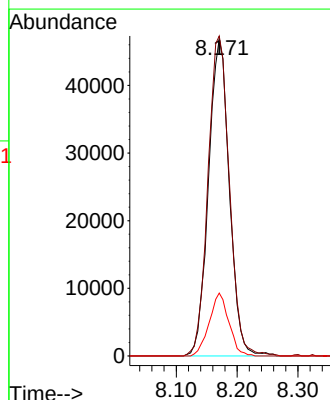
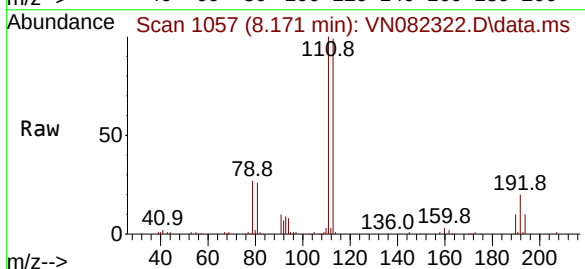
Tgt Ion:113 Resp: 111351

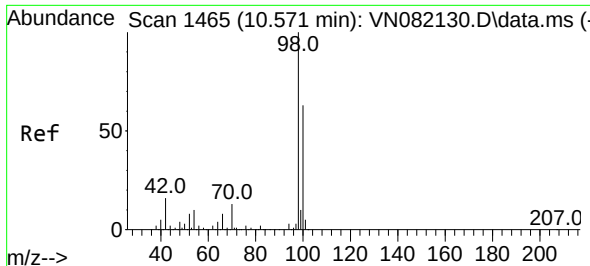
Ion Ratio Lower Upper

113 100

111 103.6 83.4 125.2

192 18.7 14.0 21.0

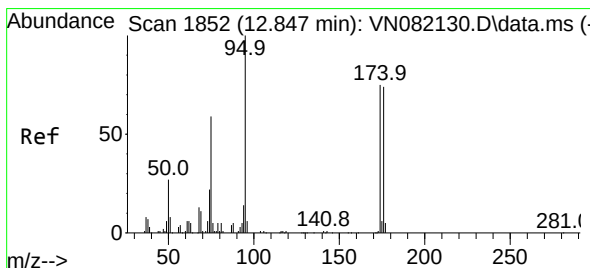
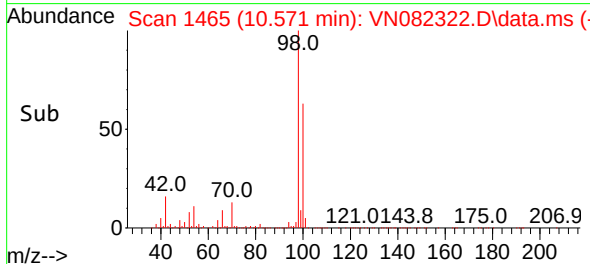
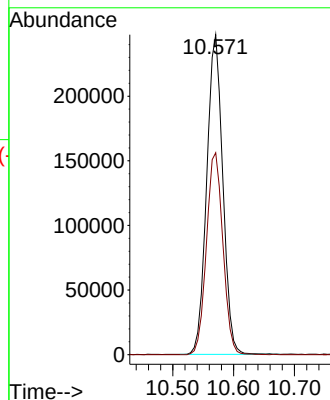
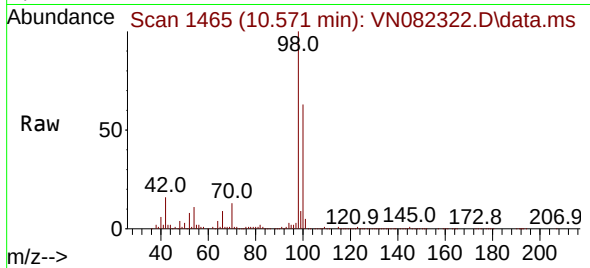




#50
Toluene-d8
Concen: 54.442 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082322.D
Acq: 23 May 2024 15:30

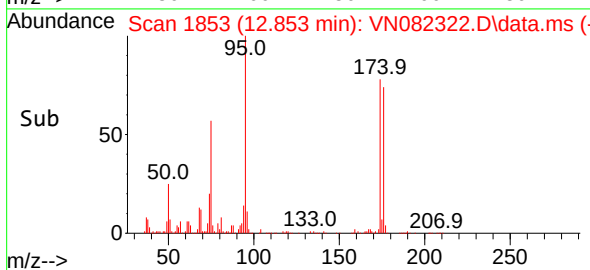
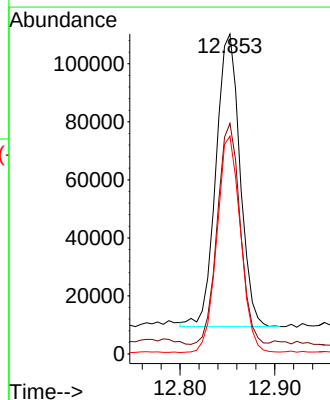
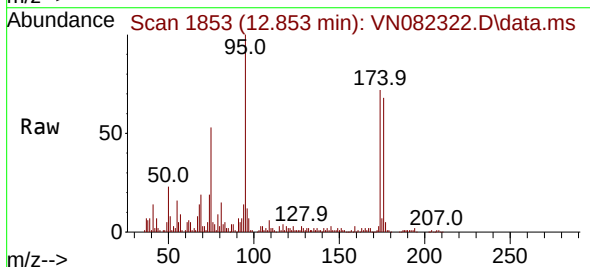
Instrument :
MSVOA_N
ClientSampleId :
IBLK

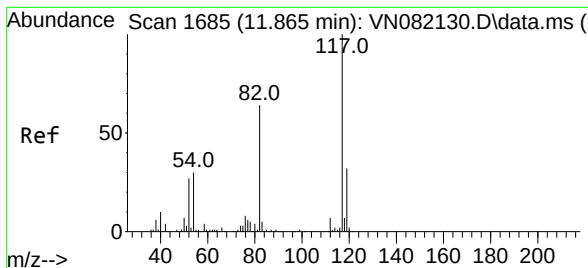
Tgt Ion: 98 Resp: 452757
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 59.806 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082322.D
Acq: 23 May 2024 15:30

Tgt Ion: 95 Resp: 177522
Ion Ratio Lower Upper
95 100
174 72.0 0.0 160.6
176 72.7 0.0 152.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN082322.D

Acq: 23 May 2024 15:30

Instrument :

MSVOA_N

ClientSampleId :

IBLK

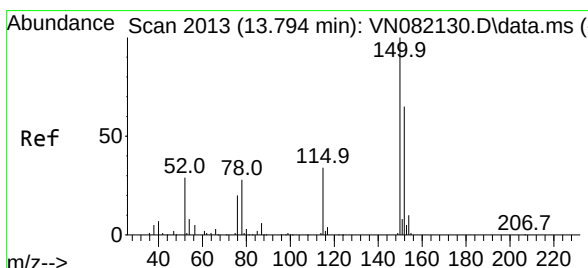
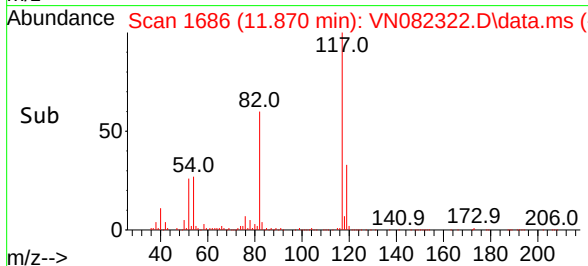
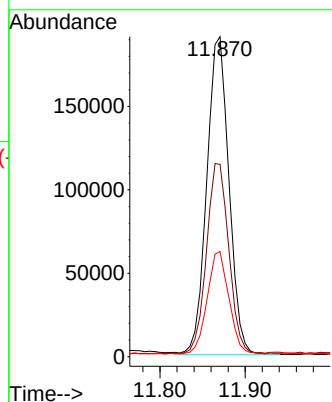
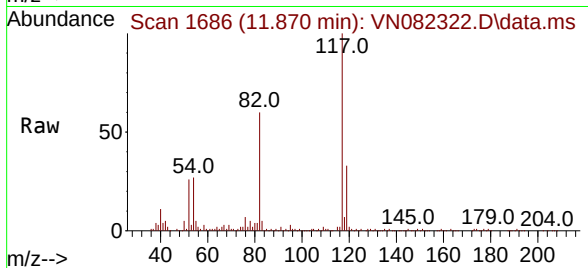
Tgt Ion:117 Resp: 343988

Ion Ratio Lower Upper

117 100

82 59.5 44.6 66.8

119 32.2 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: VN082322.D

Acq: 23 May 2024 15:30

Tgt Ion:152 Resp: 169344

Ion Ratio Lower Upper

152 100

115 65.8 30.4 91.3

150 158.5 0.0 353.2

