

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071724\
 Data File : VN082957.D
 Acq On : 17 Jul 2024 12:45
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 18 05:22:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	82554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	175765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	196383	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	80345	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	65747	56.814	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.620%
35) Dibromofluoromethane	8.165	113	53722	47.633	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.260%
50) Toluene-d8	10.571	98	203022	48.737	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.480%
62) 4-Bromofluorobenzene	12.853	95	72767	48.630	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	97.260%

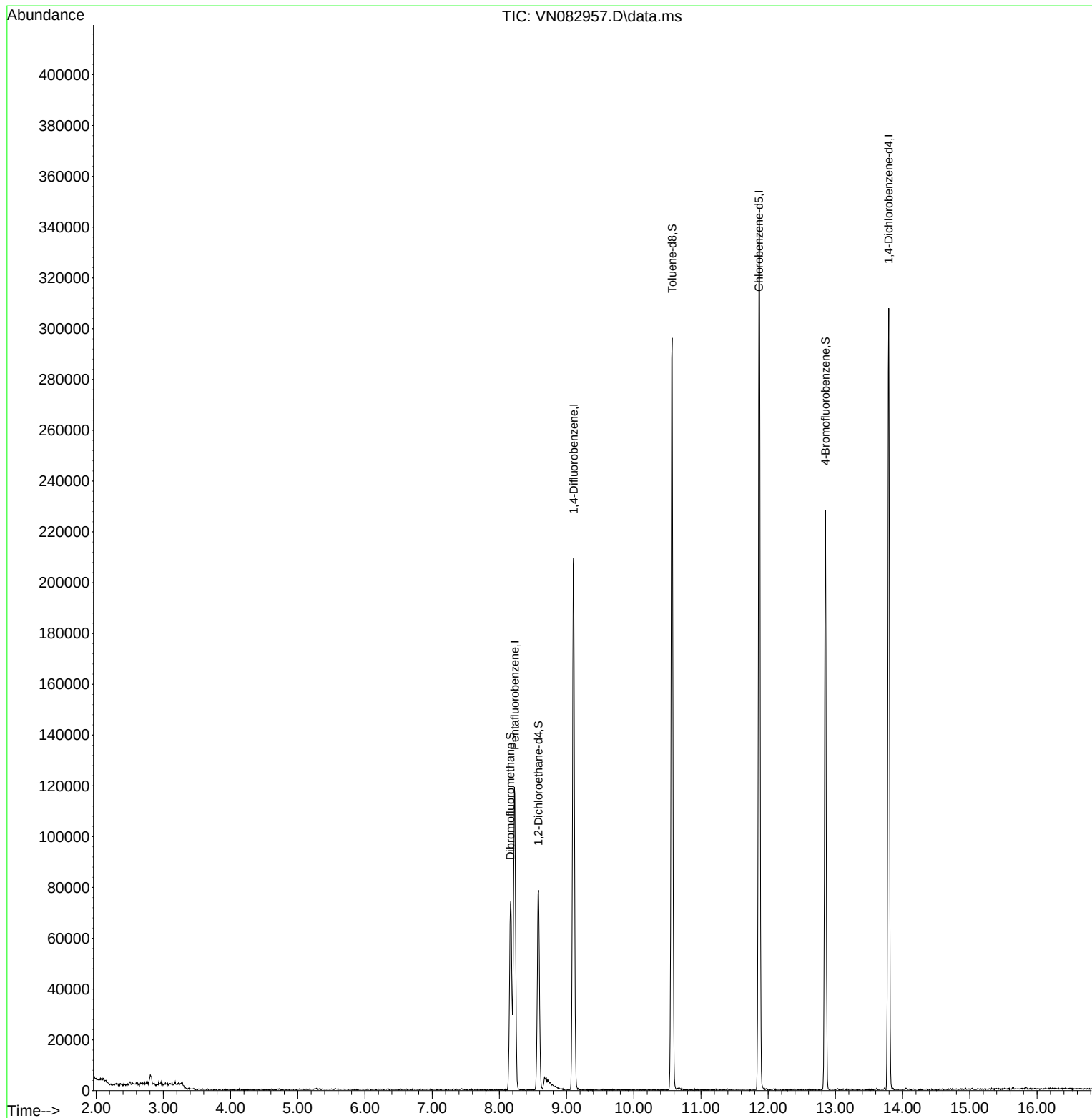
Target Compounds	Qvalue

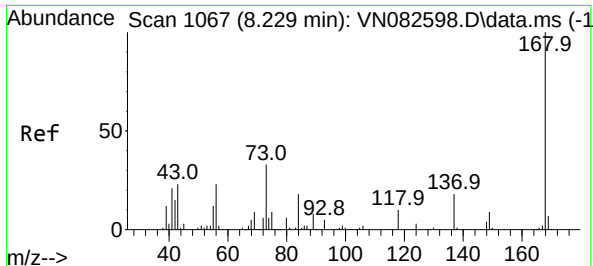
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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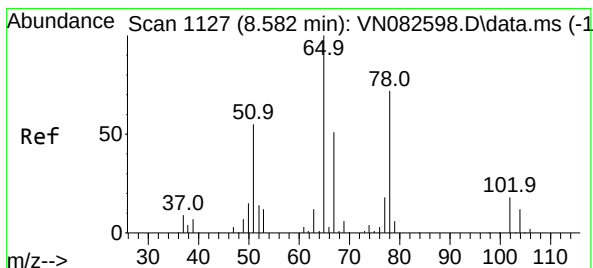
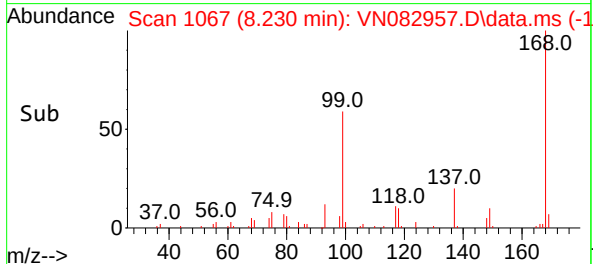
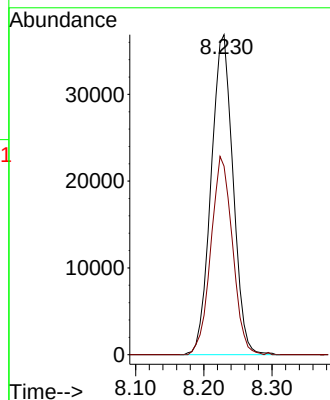
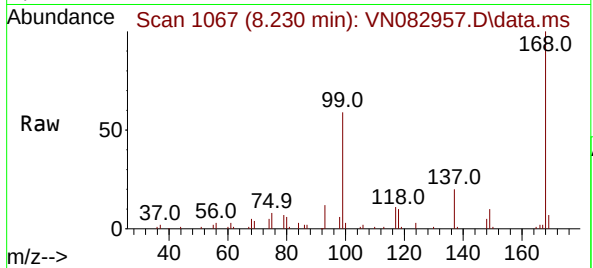




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN082957.D
Acq: 17 Jul 2024 12:45

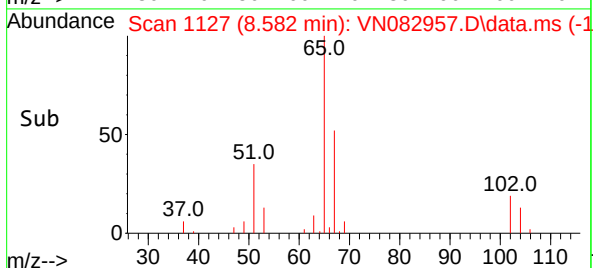
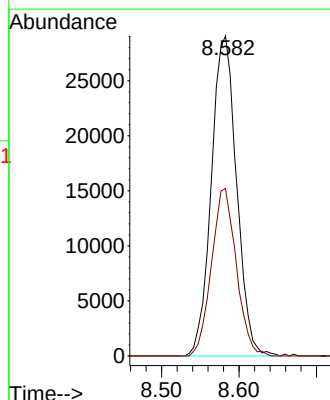
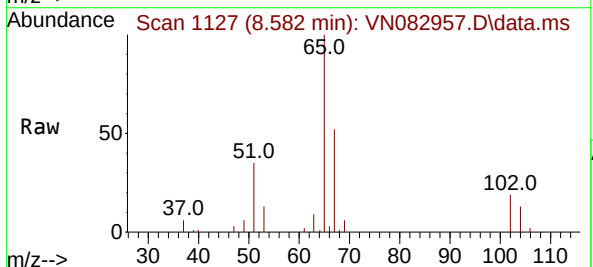
Instrument :
MSVOA_N
ClientSampleId :
IBLK

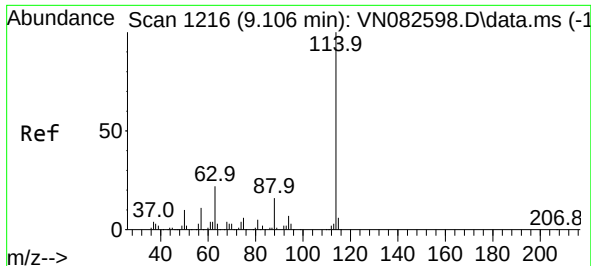
Tgt Ion:168 Resp: 82554
Ion Ratio Lower Upper
168 100
99 58.9 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 56.814 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082957.D
Acq: 17 Jul 2024 12:45

Tgt Ion: 65 Resp: 65747
Ion Ratio Lower Upper
65 100
67 51.5 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN082957.D

Acq: 17 Jul 2024 12:45

Instrument :

MSVOA_N

ClientSampleId :

IBLK

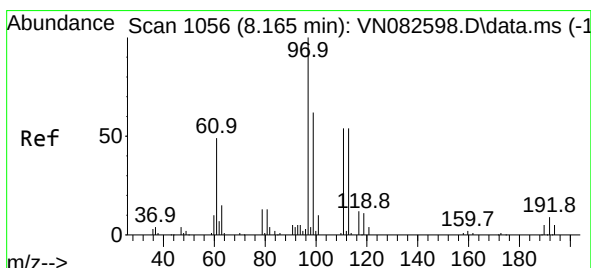
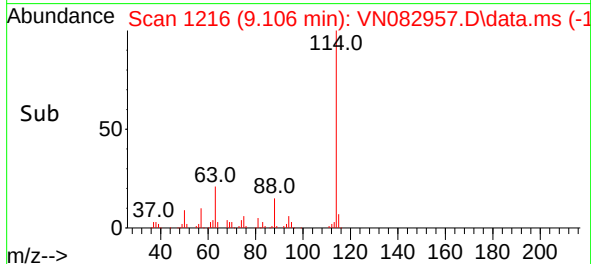
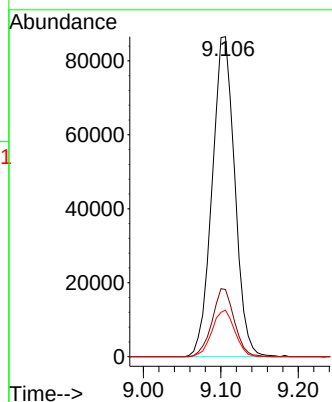
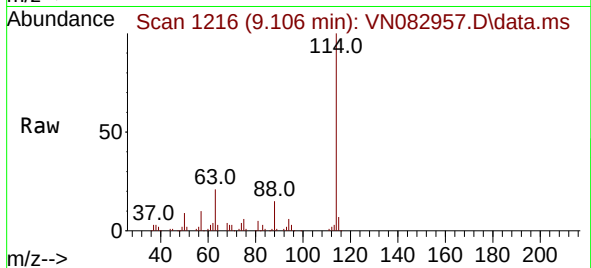
Tgt Ion:114 Resp: 175765

Ion Ratio Lower Upper

114 100

63 21.0 0.0 44.6

88 14.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 47.633 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN082957.D

Acq: 17 Jul 2024 12:45

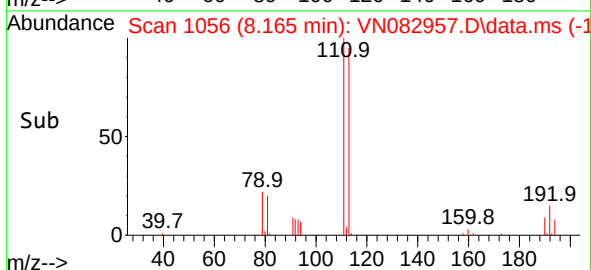
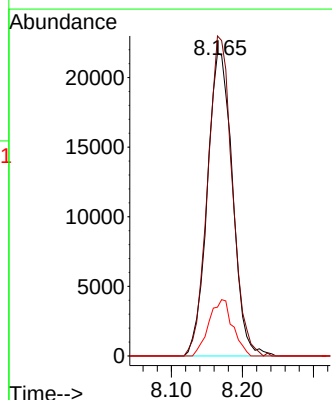
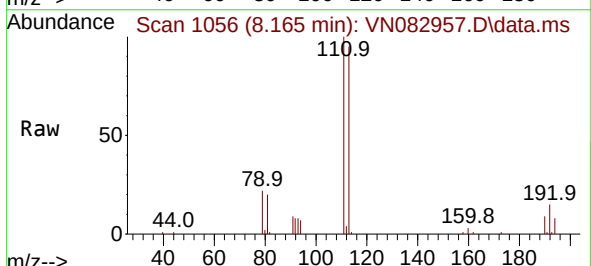
Tgt Ion:113 Resp: 53722

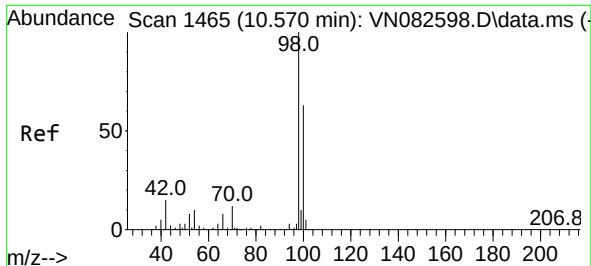
Ion Ratio Lower Upper

113 100

111 102.7 82.4 123.6

192 17.5 14.9 22.3

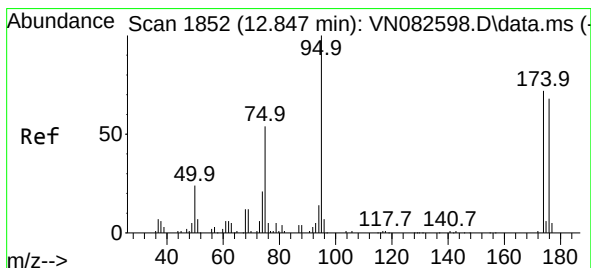
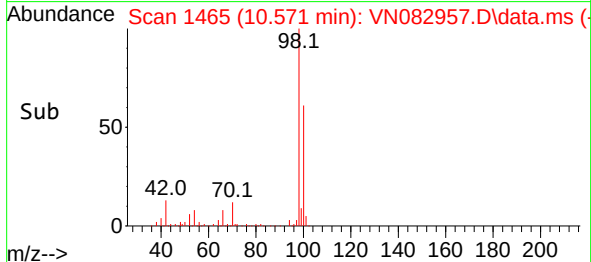
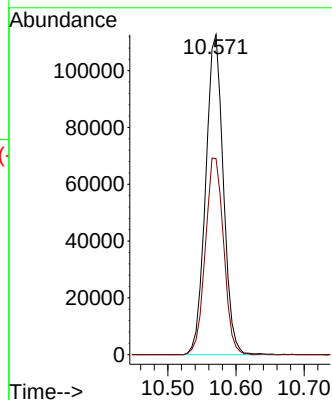
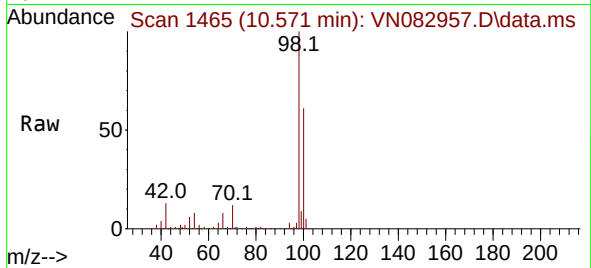




#50
Toluene-d8
Concen: 48.737 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082957.D
Acq: 17 Jul 2024 12:45

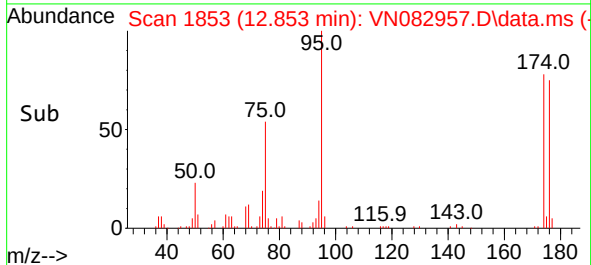
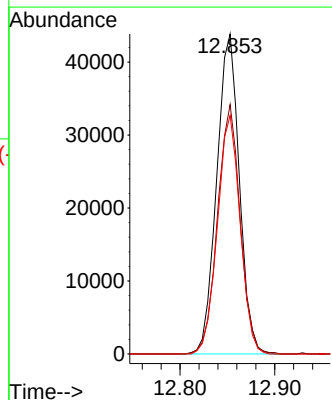
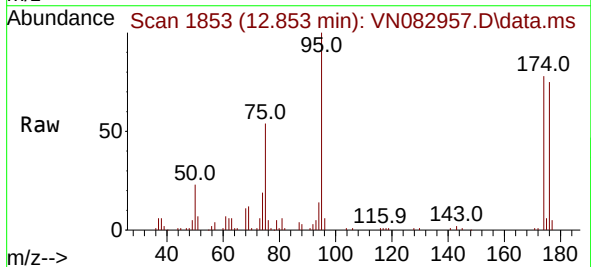
Instrument :
MSVOA_N
ClientSampleId :
IBLK

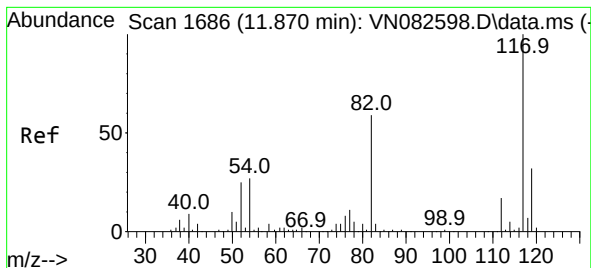
Tgt Ion: 98 Resp: 203022
Ion Ratio Lower Upper
98 100
100 63.6 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 48.630 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082957.D
Acq: 17 Jul 2024 12:45

Tgt Ion: 95 Resp: 72767
Ion Ratio Lower Upper
95 100
174 78.0 0.0 159.2
176 74.5 0.0 147.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.005 min

Lab File: VN082957.D

Acq: 17 Jul 2024 12:45

Instrument :

MSVOA_N

ClientSampleId :

IBLK

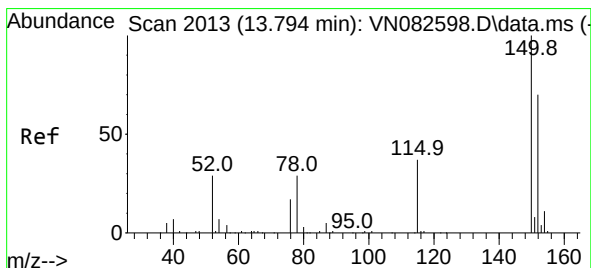
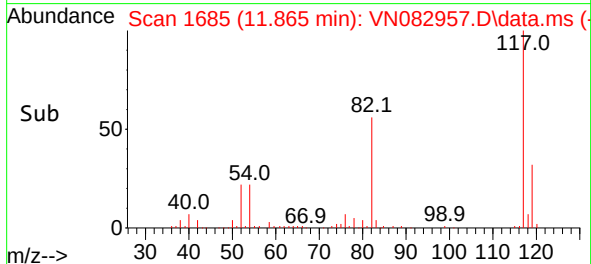
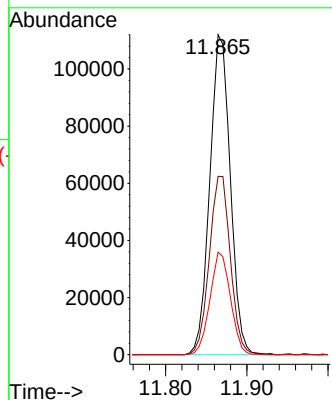
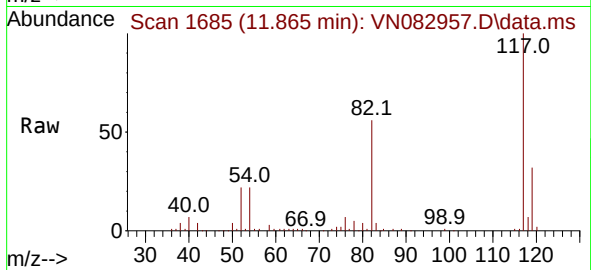
Tgt Ion:117 Resp: 196383

Ion Ratio Lower Upper

117 100

82 55.8 47.5 71.3

119 32.0 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: VN082957.D

Acq: 17 Jul 2024 12:45

Tgt Ion:152 Resp: 80345

Ion Ratio Lower Upper

152 100

115 60.9 30.6 91.6

150 159.0 0.0 348.6

