

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031524\
 Data File : VN081433.D
 Acq On : 15 Mar 2024 18:29
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Mar 15 23:37:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	301129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	548863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	476625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	175574	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	233408	53.608	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.220%
35) Dibromofluoromethane	8.171	113	174748	51.967	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.940%
50) Toluene-d8	10.571	98	652235	51.886	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.780%
62) 4-Bromofluorobenzene	12.853	95	199248	44.846	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	89.700%

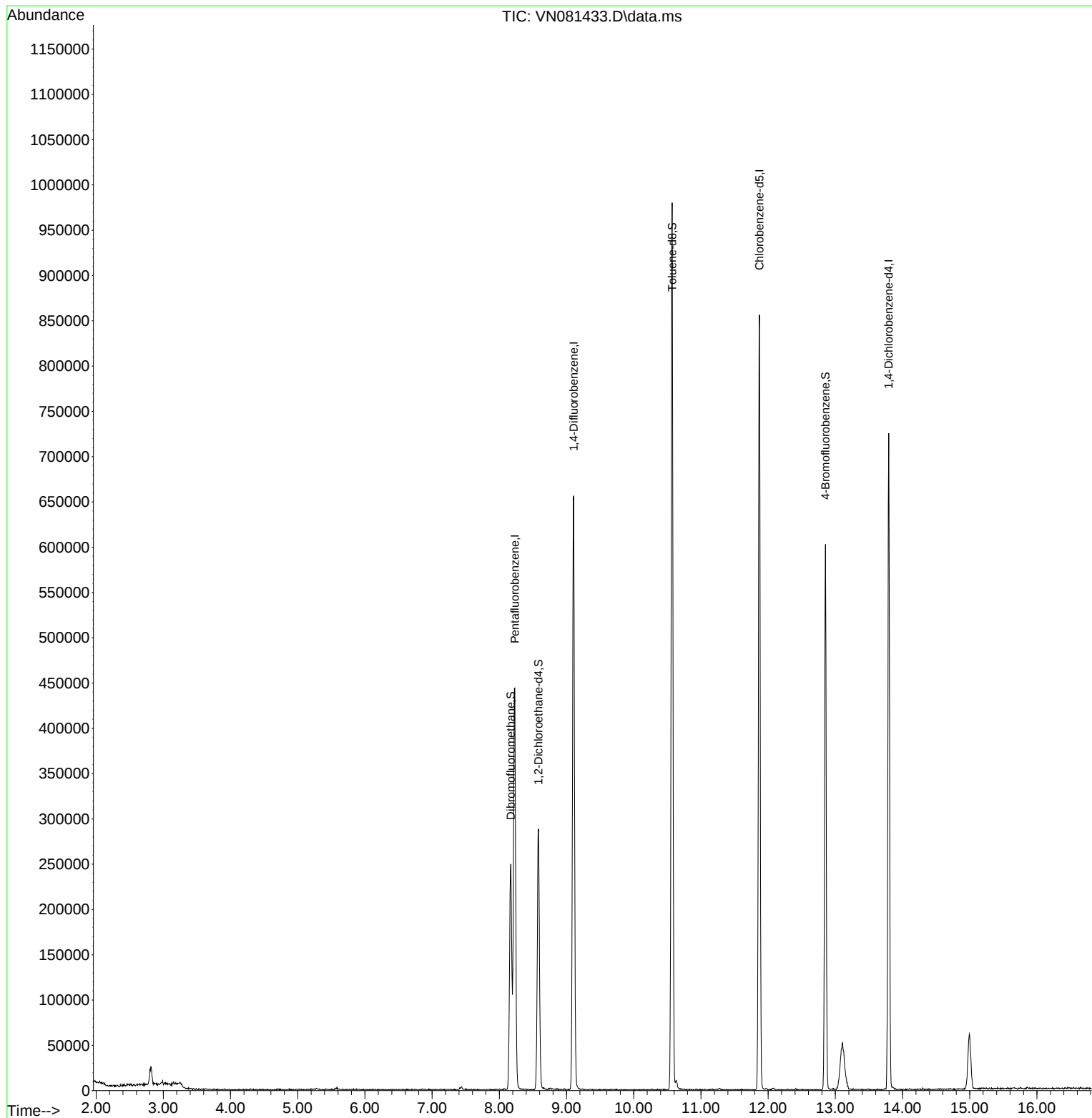
Target Compounds	Qvalue

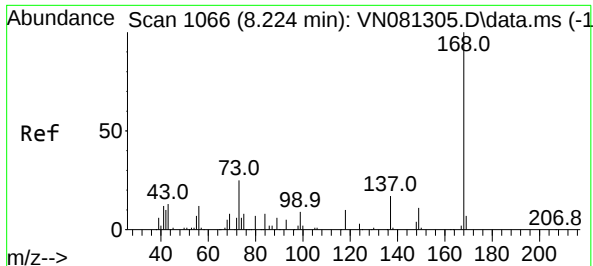
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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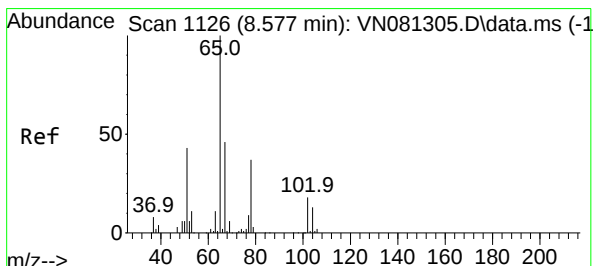
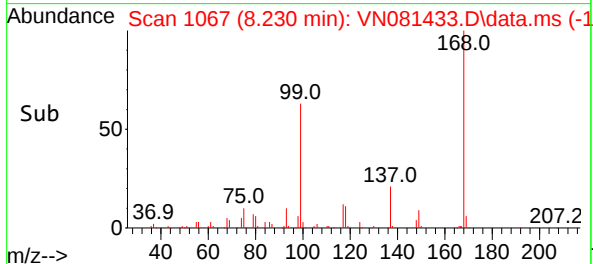
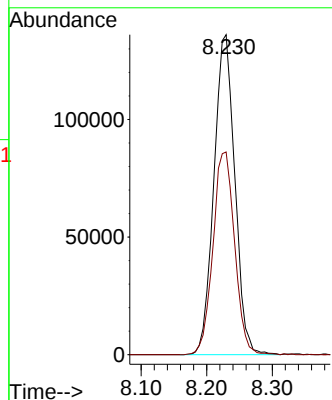
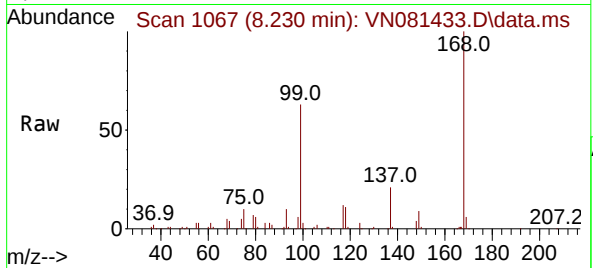




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081433.D
Acq: 15 Mar 2024 18:29

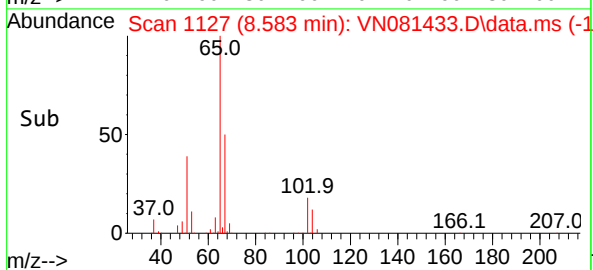
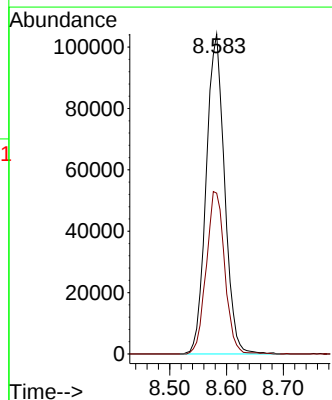
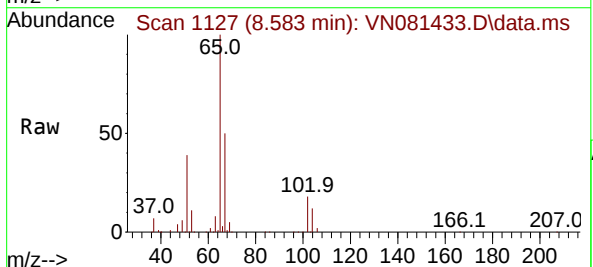
Instrument :
MSVOA_N
ClientSampleId :
IBLK

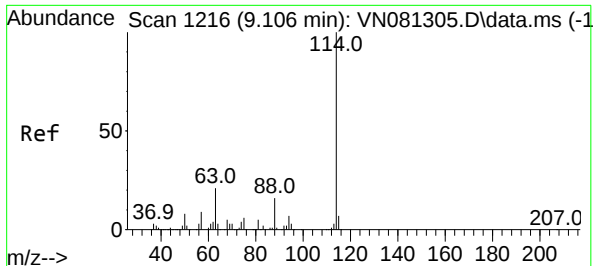
Tgt Ion:168 Resp: 301129
Ion Ratio Lower Upper
168 100
99 63.3 59.9 89.9



#33
1,2-Dichloroethane-d4
Concen: 53.608 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN081433.D
Acq: 15 Mar 2024 18:29

Tgt Ion: 65 Resp: 233408
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.4

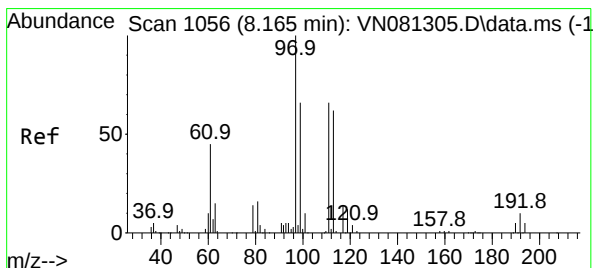
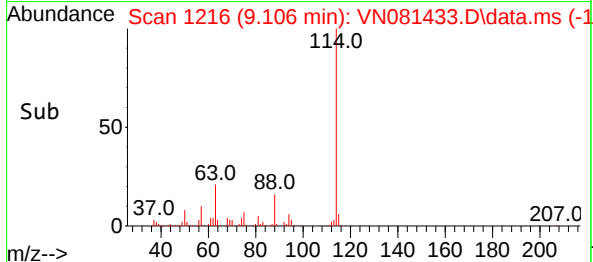
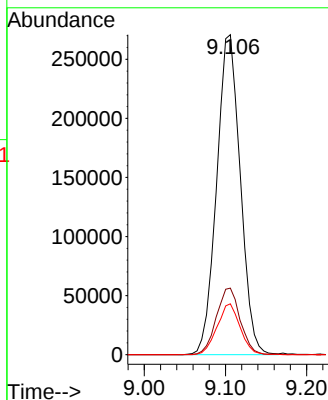
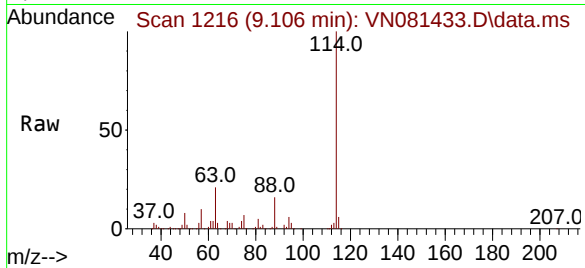




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081433.D
Acq: 15 Mar 2024 18:29

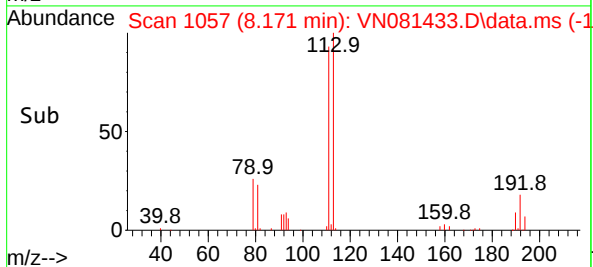
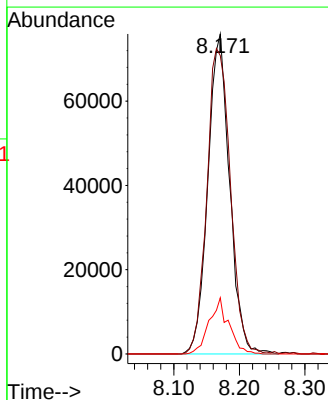
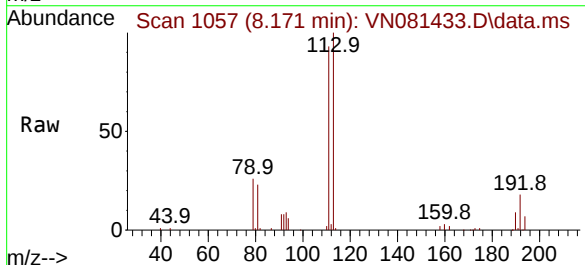
Instrument :
MSVOA_N
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IBLK

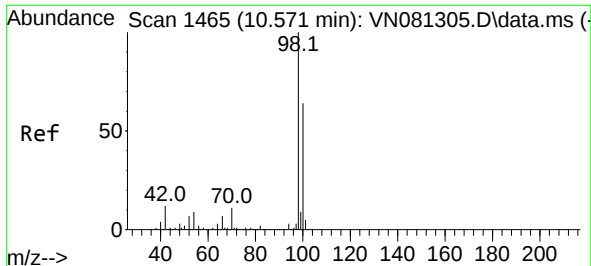
Tgt Ion:114 Resp: 548863
Ion Ratio Lower Upper
114 100
63 20.8 0.0 48.0
88 15.9 0.0 34.8



#35
Dibromofluoromethane
Concen: 51.967 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN081433.D
Acq: 15 Mar 2024 18:29

Tgt Ion:113 Resp: 174748
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 15.9 12.5 18.7

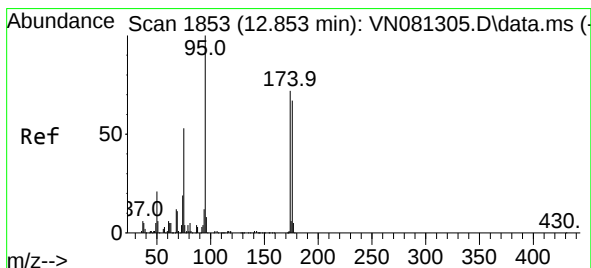
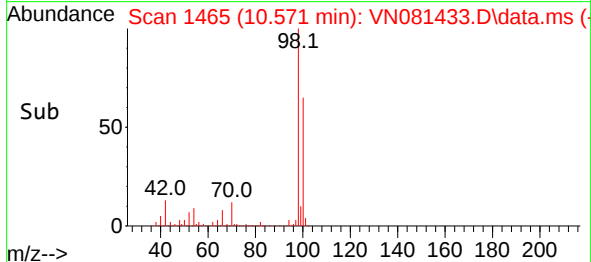
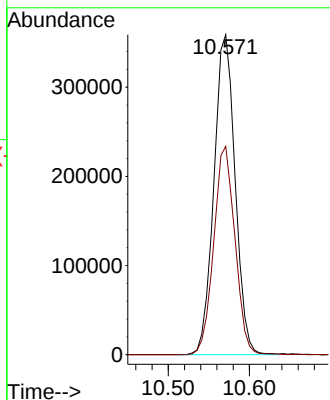
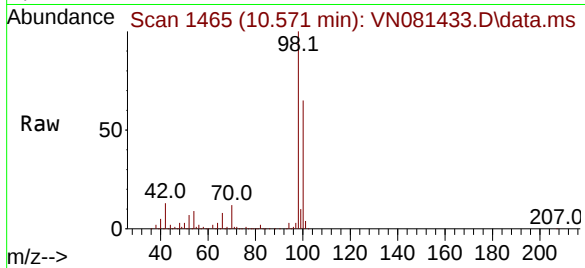




#50
Toluene-d8
Concen: 51.886 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081433.D
Acq: 15 Mar 2024 18:29

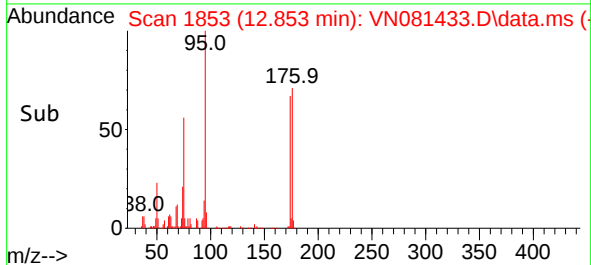
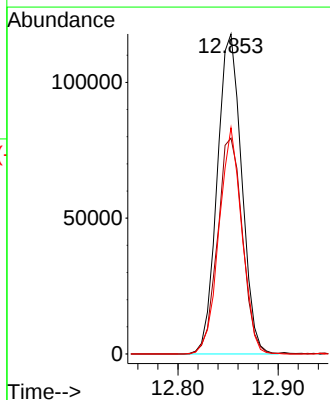
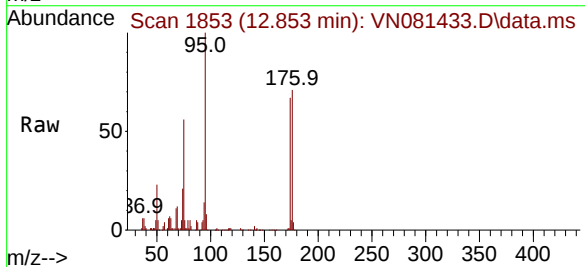
Instrument :
MSVOA_N
ClientSampleId :
IBLK

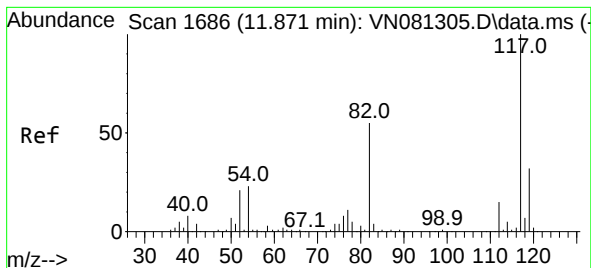
Tgt Ion: 98 Resp: 652235
Ion Ratio Lower Upper
98 100
100 65.2 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 44.846 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081433.D
Acq: 15 Mar 2024 18:29

Tgt Ion: 95 Resp: 199248
Ion Ratio Lower Upper
95 100
174 68.8 0.0 120.4
176 66.2 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN081433.D

Acq: 15 Mar 2024 18:29

Instrument :

MSVOA_N

ClientSampleId :

IBLK

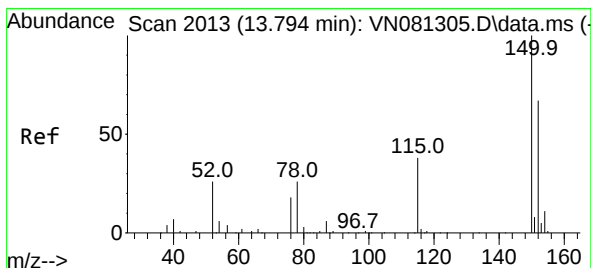
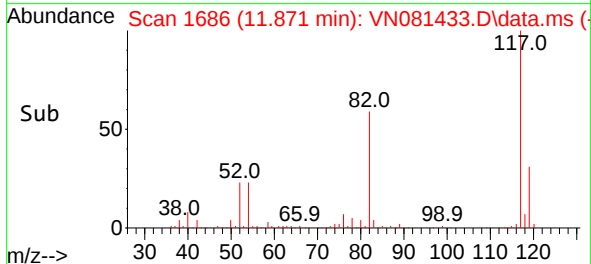
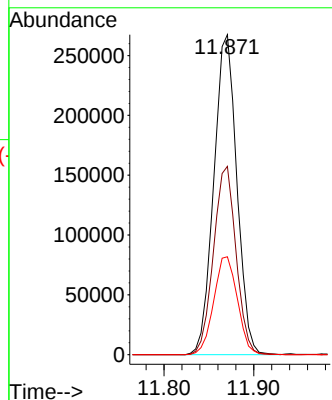
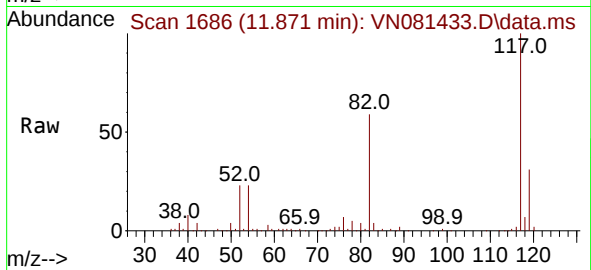
Tgt Ion:117 Resp: 476625

Ion Ratio Lower Upper

117 100

82 58.8 52.7 79.1

119 30.6 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: VN081433.D

Acq: 15 Mar 2024 18:29

Tgt Ion:152 Resp: 175574

Ion Ratio Lower Upper

152 100

115 64.4 32.3 96.8

150 165.9 0.0 339.8

