

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071723\
 Data File : VN078545.D
 Acq On : 17 Jul 2023 16:02
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Jul 18 04:25:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	425097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	726967	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	663650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	210947	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	272510	47.818	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.640%
35) Dibromofluoromethane	8.177	113	300445	60.882	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	121.760%
50) Toluene-d8	10.576	98	847559	45.464	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.920%
62) 4-Bromofluorobenzene	12.859	95	275750	48.021	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.040%

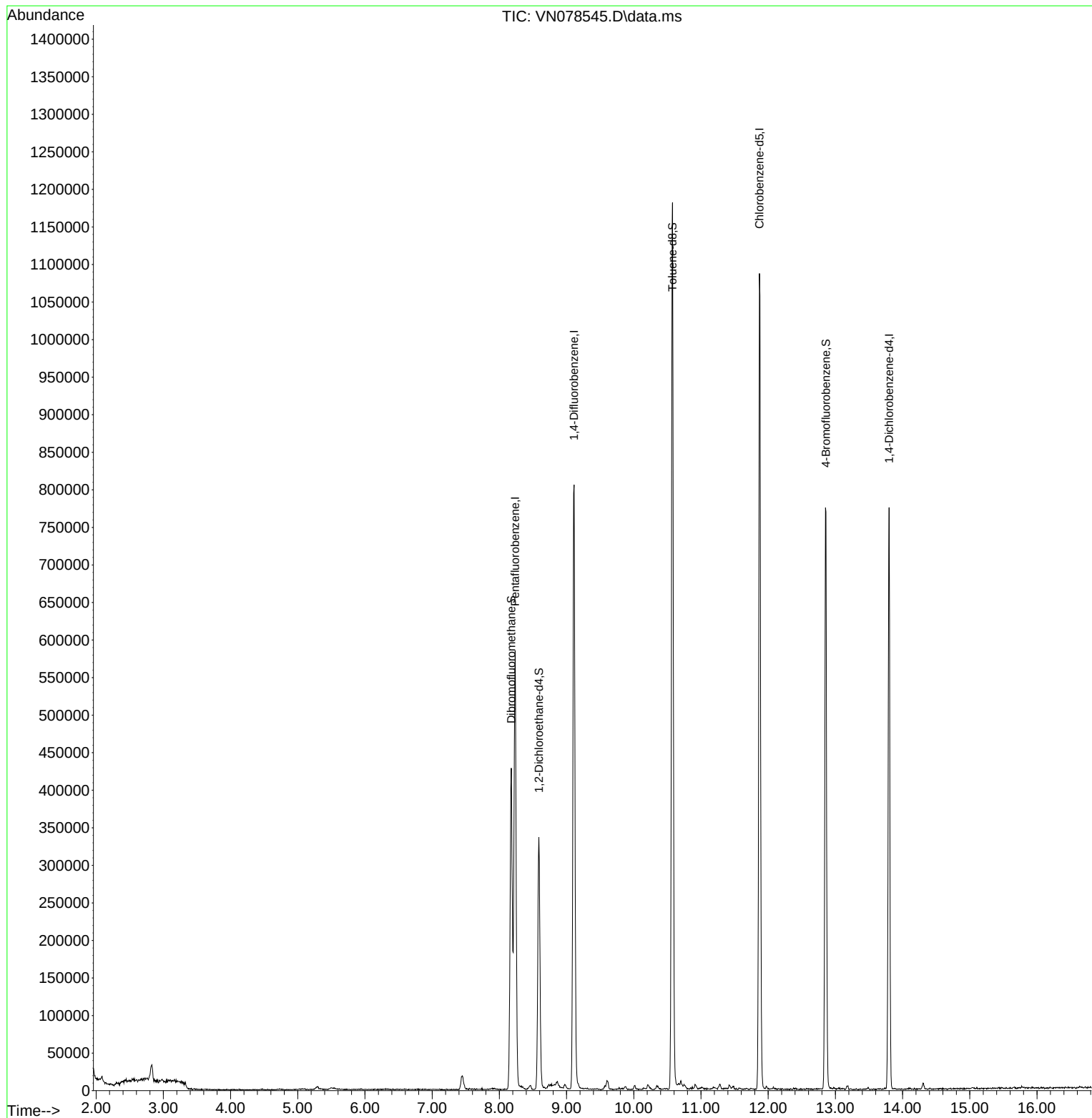
Target Compounds	Qvalue

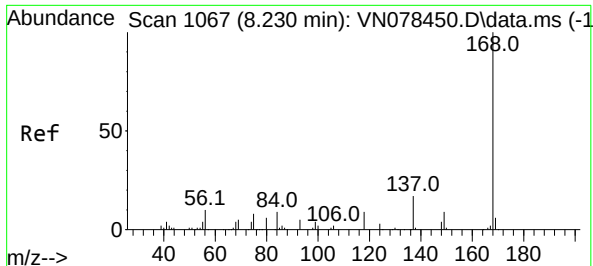
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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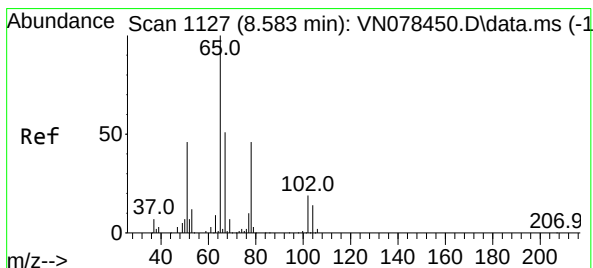
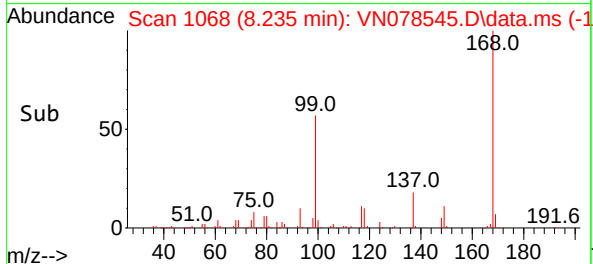
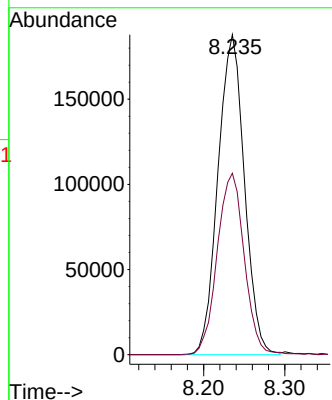
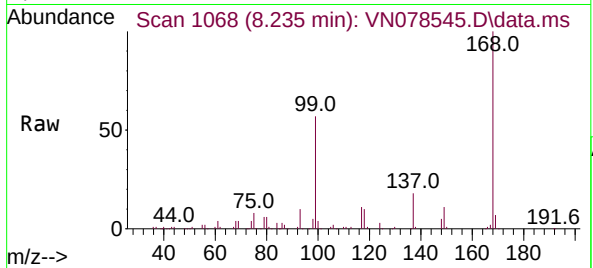




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN078545.D
Acq: 17 Jul 2023 16:02

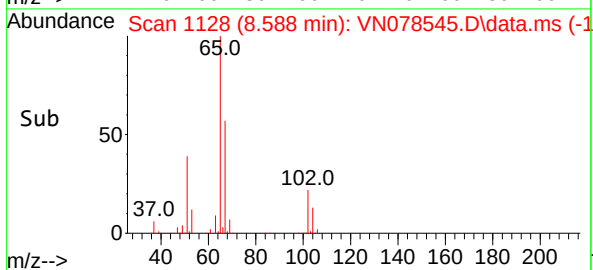
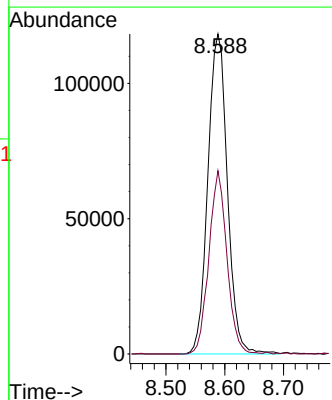
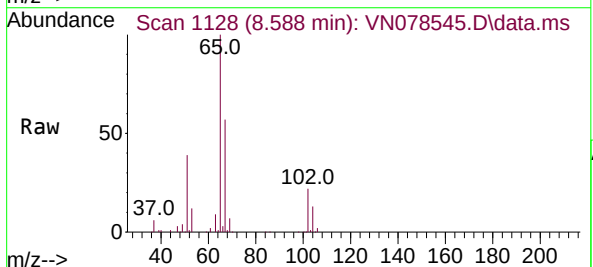
Instrument :
MSVOA_N
ClientSampleId :
IBLK

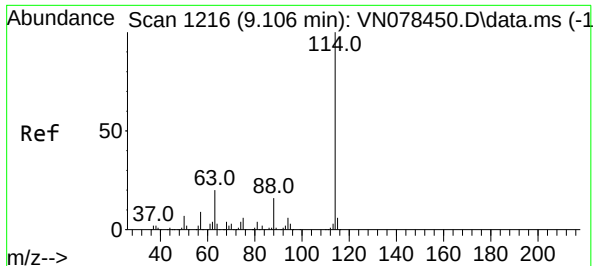
Tgt Ion:168 Resp: 425097
Ion Ratio Lower Upper
168 100
99 56.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 47.818 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078545.D
Acq: 17 Jul 2023 16:02

Tgt Ion: 65 Resp: 272510
Ion Ratio Lower Upper
65 100
67 53.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078545.D

Acq: 17 Jul 2023 16:02

Instrument :

MSVOA_N

ClientSampleId :

IBLK

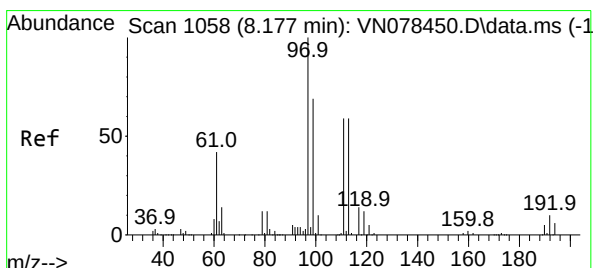
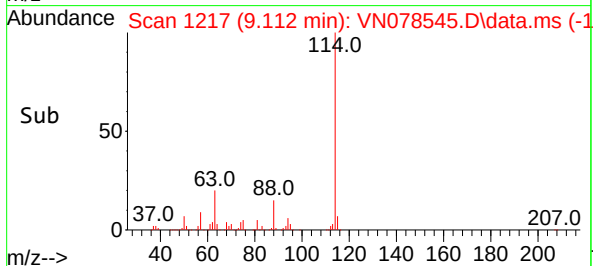
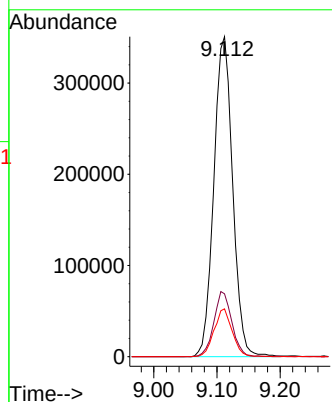
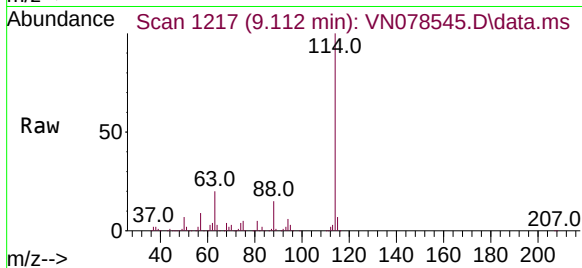
Tgt Ion:114 Resp: 726967

Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

88 15.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 60.882 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078545.D

Acq: 17 Jul 2023 16:02

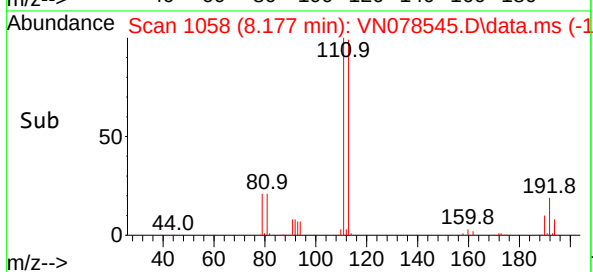
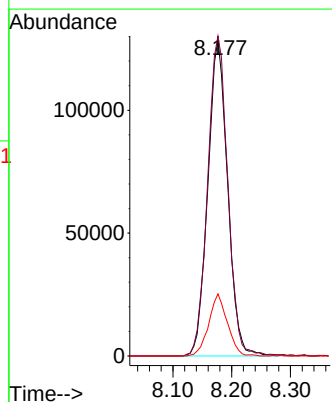
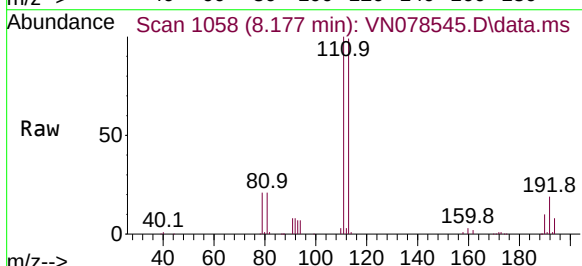
Tgt Ion:113 Resp: 300445

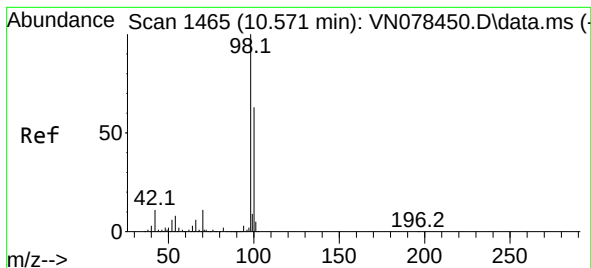
Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 18.5 12.7 19.1

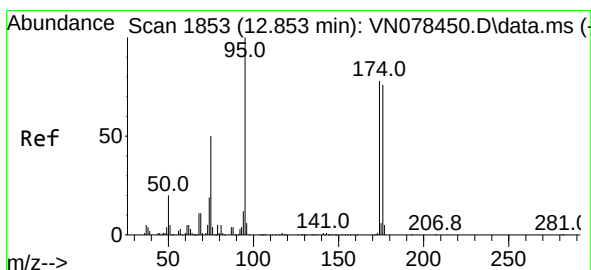
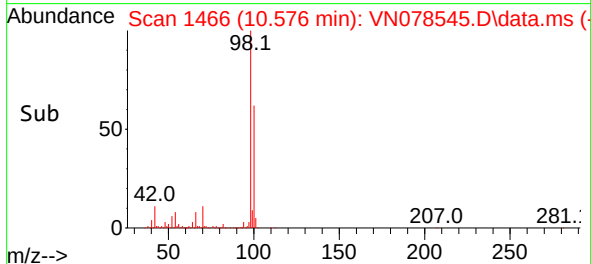
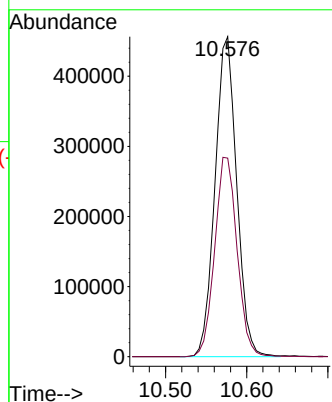
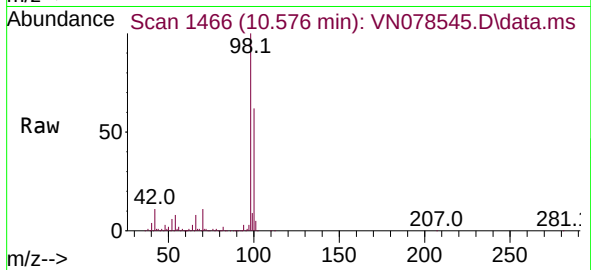




#50
Toluene-d8
Concen: 45.464 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN078545.D
Acq: 17 Jul 2023 16:02

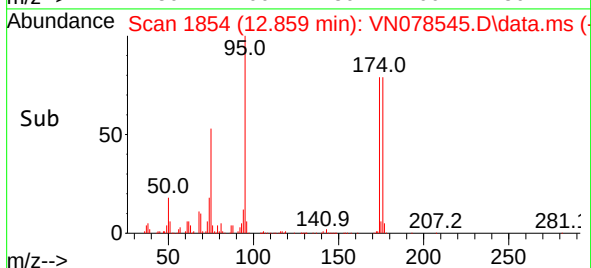
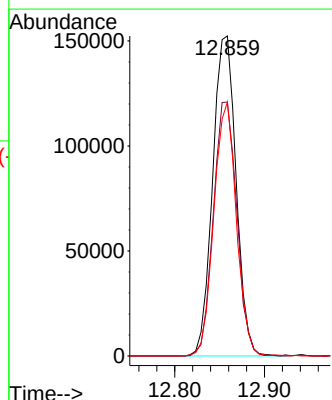
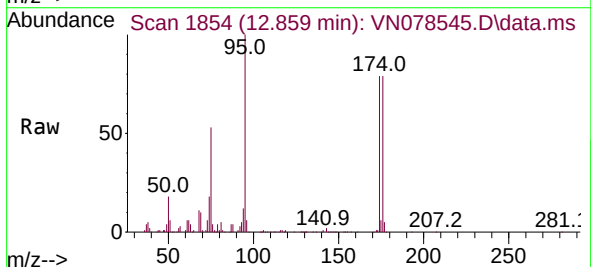
Instrument :
MSVOA_N
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IBLK

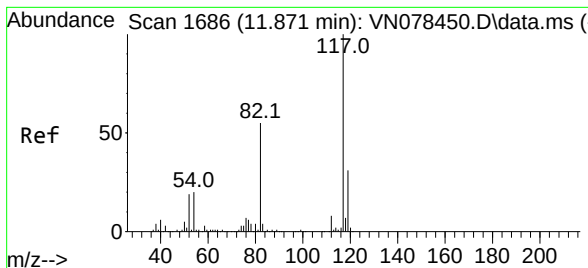
Tgt Ion: 98 Resp: 847559
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.021 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN078545.D
Acq: 17 Jul 2023 16:02

Tgt Ion: 95 Resp: 275750
Ion Ratio Lower Upper
95 100
174 79.5 0.0 143.8
176 76.1 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.870 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN078545.D

Acq: 17 Jul 2023 16:02

Instrument :

MSVOA_N

ClientSampleId :

IBLK

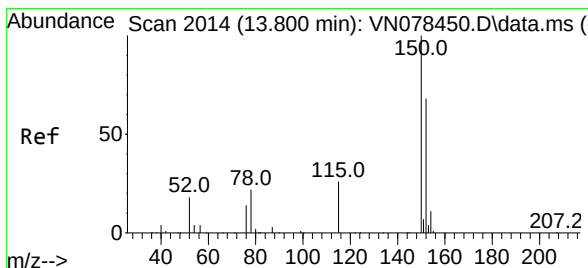
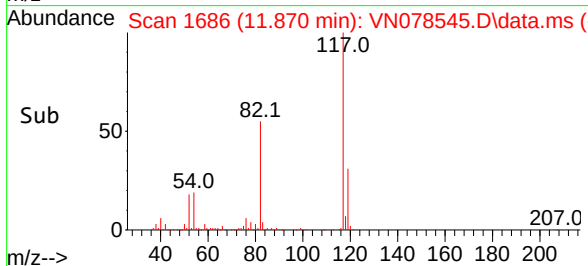
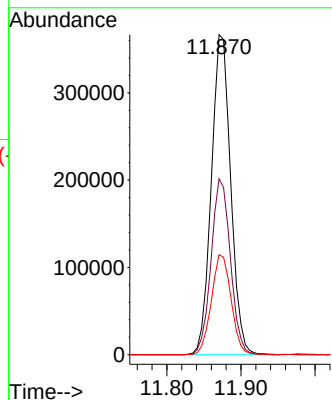
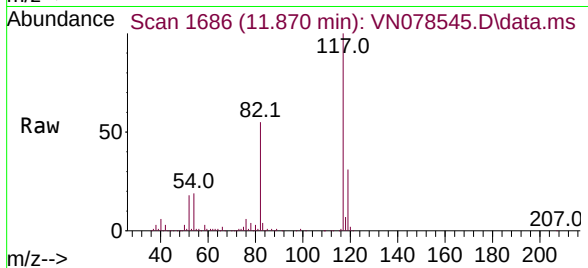
Tgt Ion:117 Resp: 663650

Ion Ratio Lower Upper

117 100

82 55.0 44.0 66.0

119 31.3 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN078545.D

Acq: 17 Jul 2023 16:02

Tgt Ion:152 Resp: 210947

Ion Ratio Lower Upper

152 100

115 61.0 32.3 96.8

150 157.1 0.0 355.8

