

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060723\
 Data File : VN078090.D
 Acq On : 07 Jun 2023 09:43
 Operator : JC\MD
 Sample : VN0607MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0607MBL01

Quant Time: Jun 07 16:39:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	391428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	707661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	631031	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	186302	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	261662	50.137	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	100.280%
35) Dibromofluoromethane	8.177	113	231680	51.778	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.560%
50) Toluene-d8	10.571	98	879917	51.011	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.020%
62) 4-Bromofluorobenzene	12.853	95	254872	47.529	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.060%

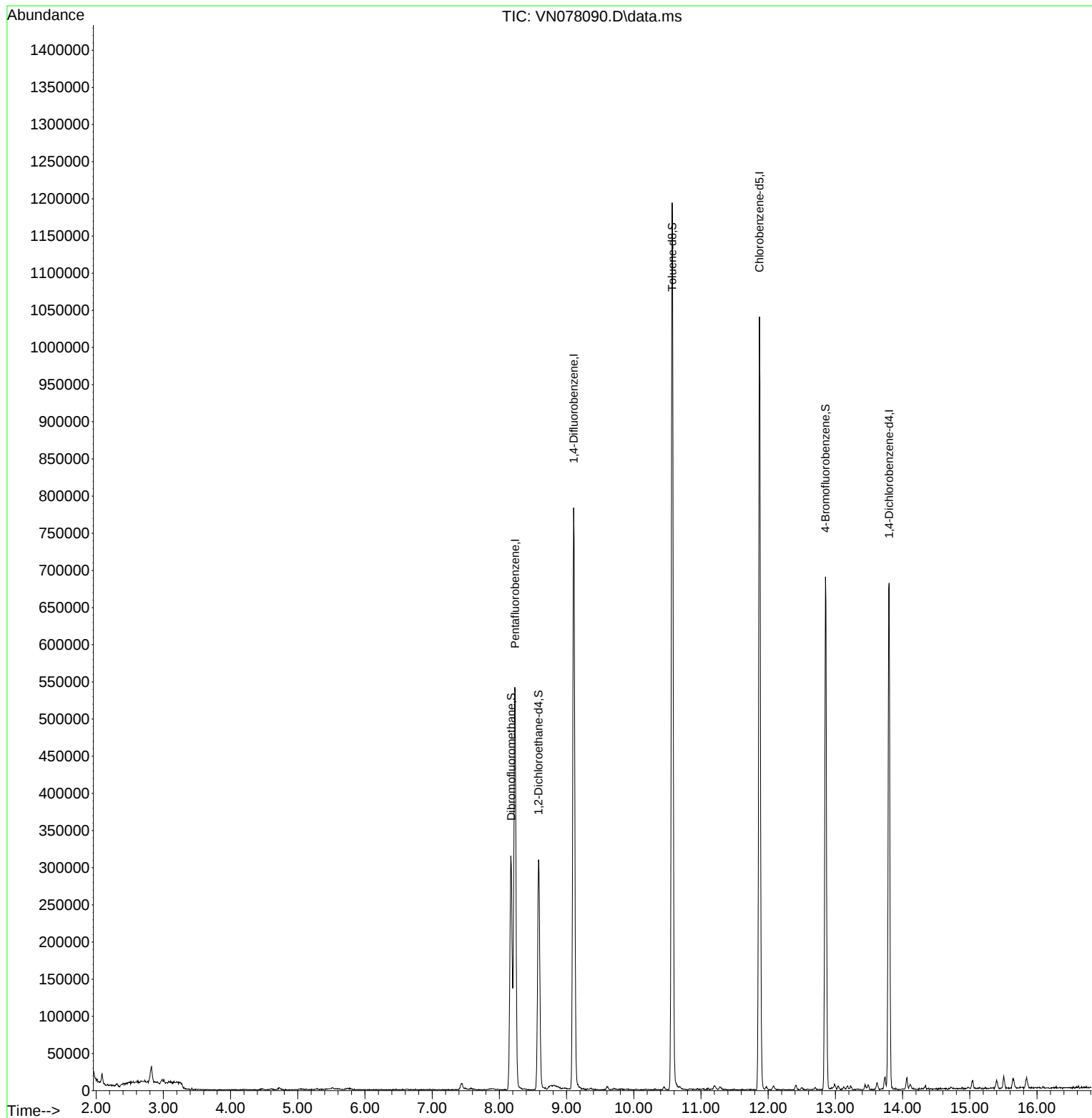
Target Compounds	Qvalue

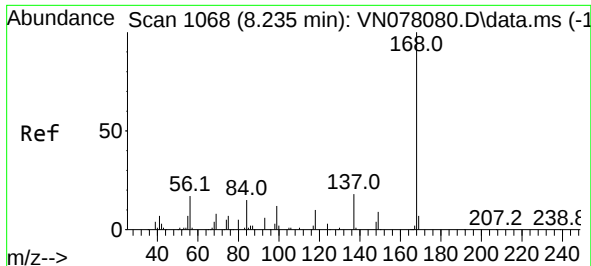
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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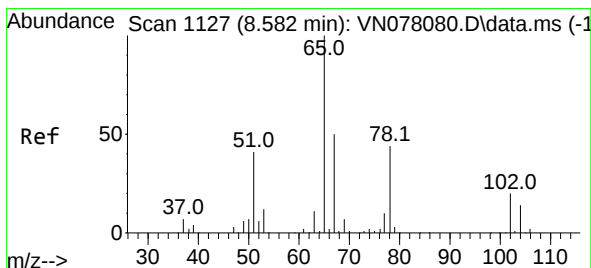
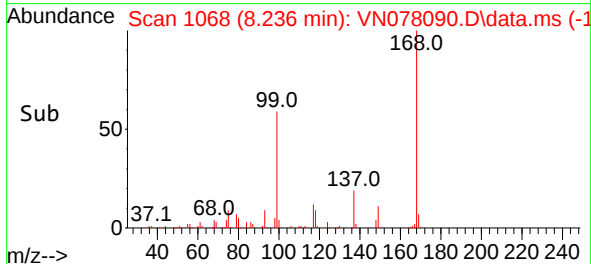
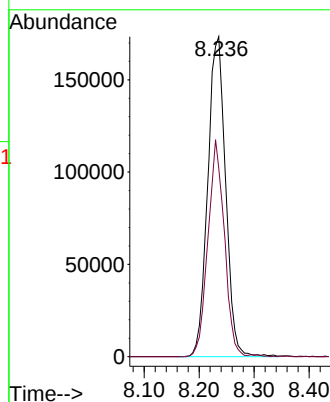
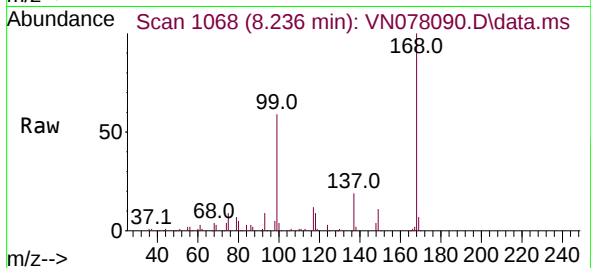




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.001 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

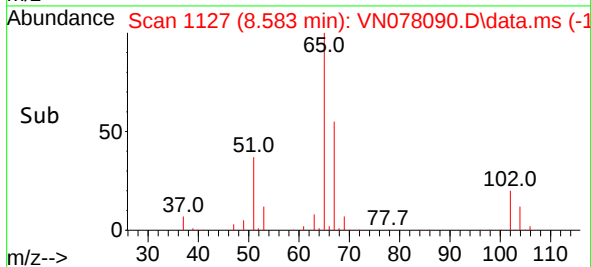
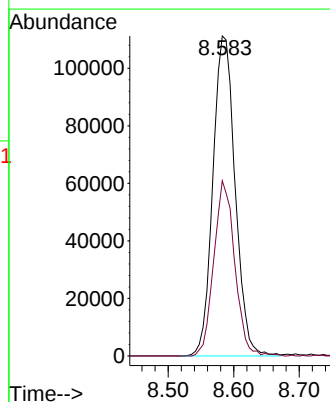
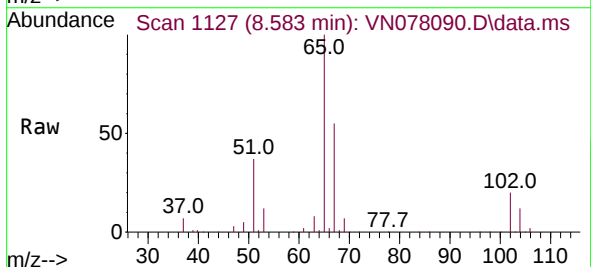
Instrument :
MSVOA_N
ClientSampleId :
VN0607MBL01

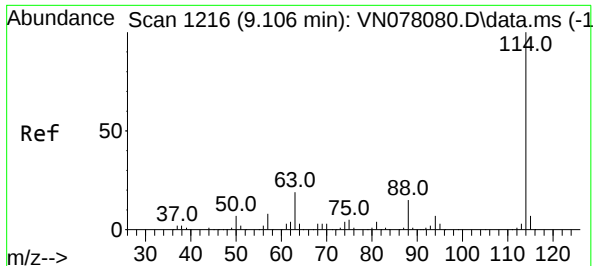
Tgt Ion:168 Resp: 391428
Ion Ratio Lower Upper
168 100
99 58.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.137 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

Tgt Ion: 65 Resp: 261662
Ion Ratio Lower Upper
65 100
67 51.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078090.D

Acq: 07 Jun 2023 09:43

Instrument :

MSVOA_N

ClientSampleId :

VN0607MBL01

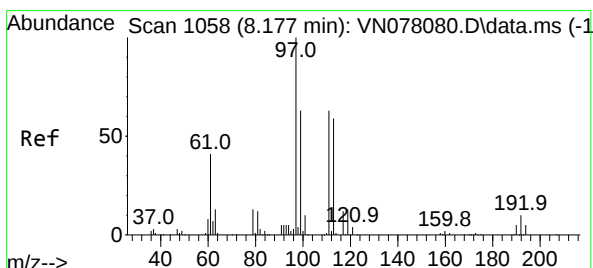
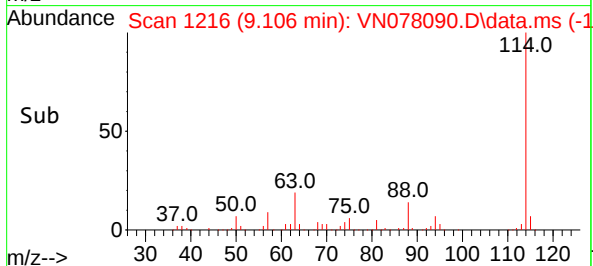
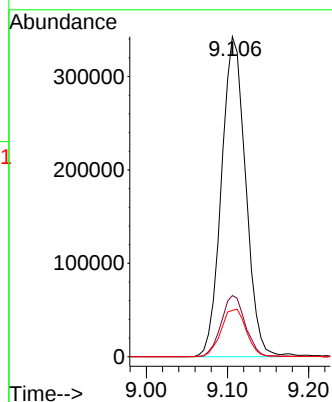
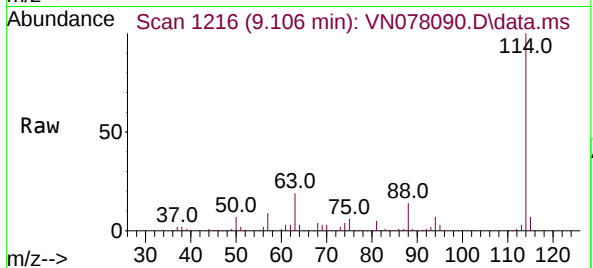
Tgt Ion:114 Resp: 707661

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 51.778 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078090.D

Acq: 07 Jun 2023 09:43

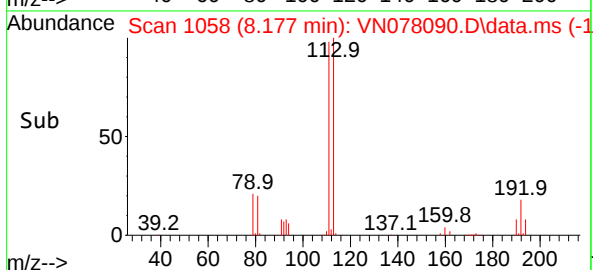
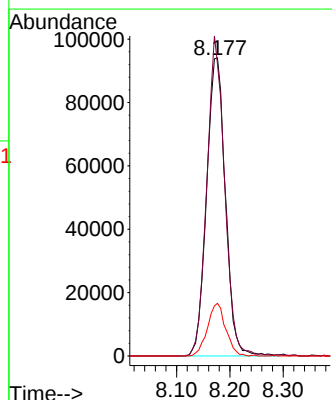
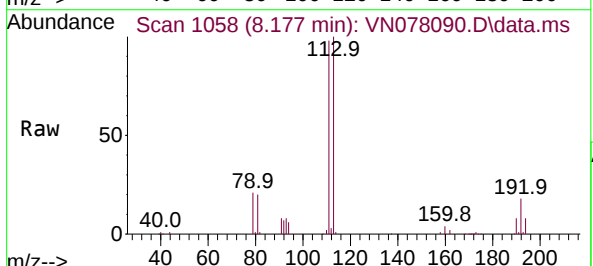
Tgt Ion:113 Resp: 231680

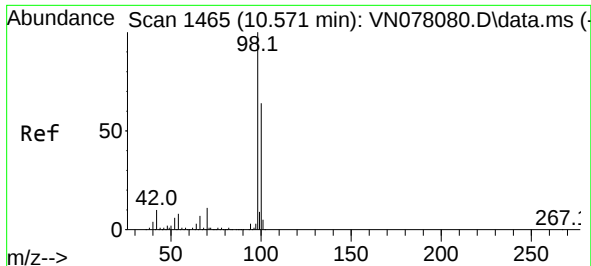
Ion Ratio Lower Upper

113 100

111 101.3 82.6 123.8

192 17.1 12.7 19.1

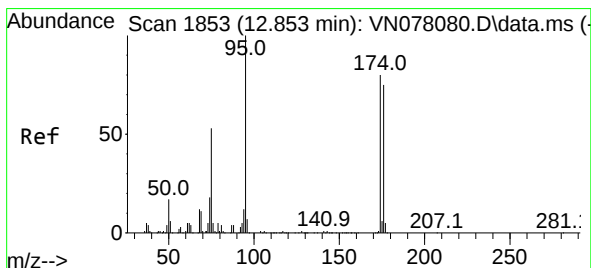
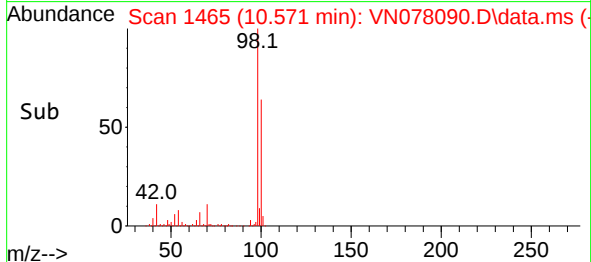
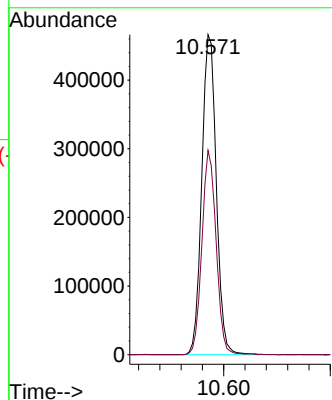
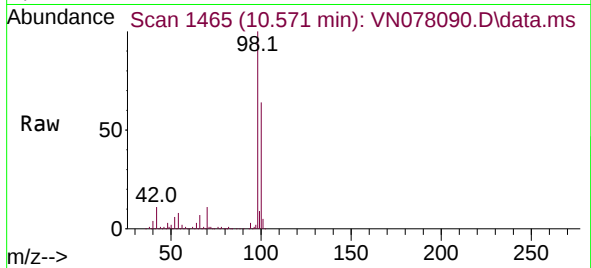




#50
Toluene-d8
Concen: 51.011 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

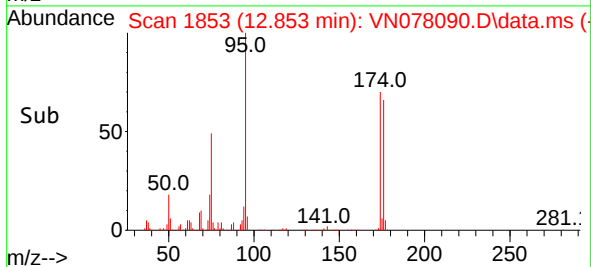
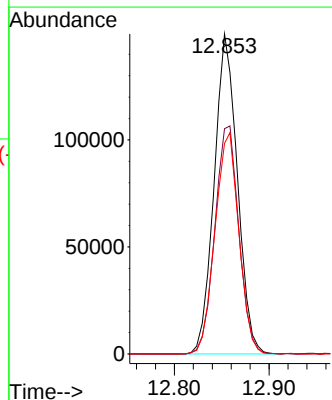
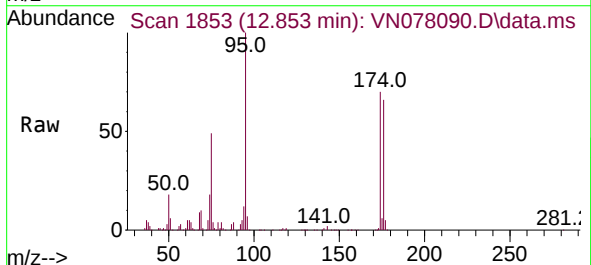
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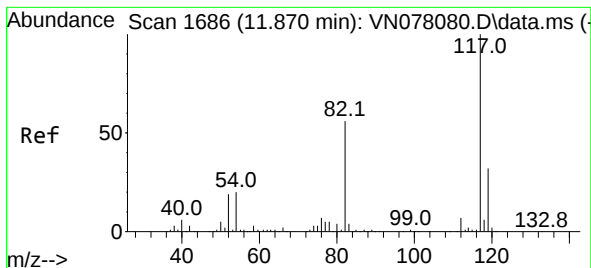
Tgt Ion: 98 Resp: 879917
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.529 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078090.D
Acq: 07 Jun 2023 09:43

Tgt Ion: 95 Resp: 254872
Ion Ratio Lower Upper
95 100
174 73.5 0.0 143.8
176 71.0 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078090.D

Acq: 07 Jun 2023 09:43

Instrument :

MSVOA_N

ClientSampleId :

VN0607MBL01

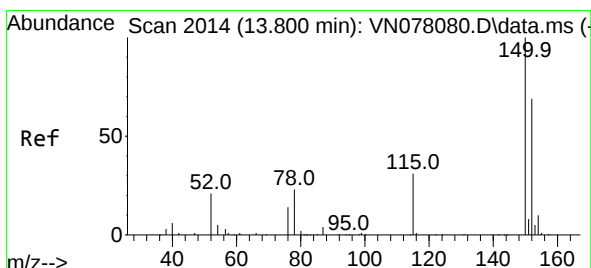
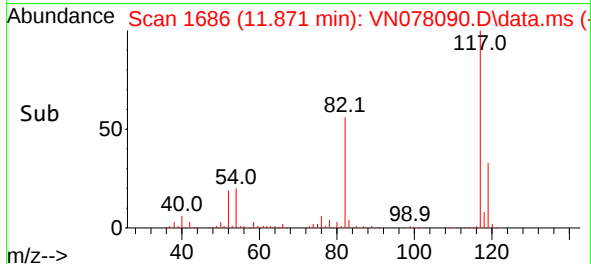
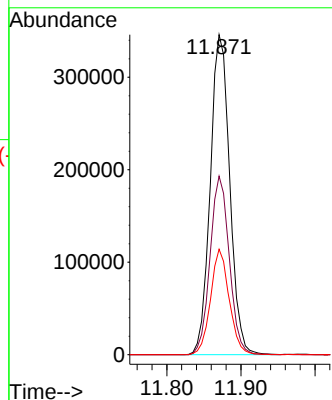
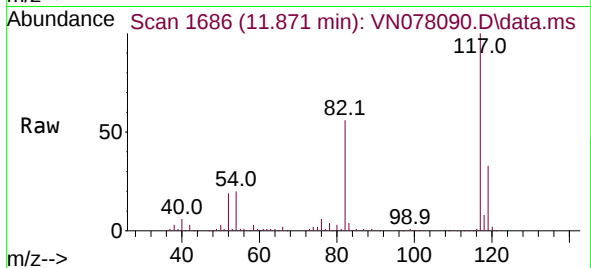
Tgt Ion:117 Resp: 631031

Ion Ratio Lower Upper

117 100

82 55.8 44.0 66.0

119 32.9 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: VN078090.D

Acq: 07 Jun 2023 09:43

Tgt Ion:152 Resp: 186302

Ion Ratio Lower Upper

152 100

115 61.9 32.3 96.8

150 154.2 0.0 355.8

