

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081623\
 Data File : VN078892.D
 Acq On : 16 Aug 2023 10:32
 Operator : JC\MD
 Sample : VN0816MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0816MBL01

Quant Time: Aug 17 01:43:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:42:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	127632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	240165	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	213165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	64522	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	104869	52.802	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.600%
35) Dibromofluoromethane	8.171	113	82222	50.859	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.720%
50) Toluene-d8	10.571	98	297612	49.579	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.160%
62) 4-Bromofluorobenzene	12.853	95	85451	43.551	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.100%

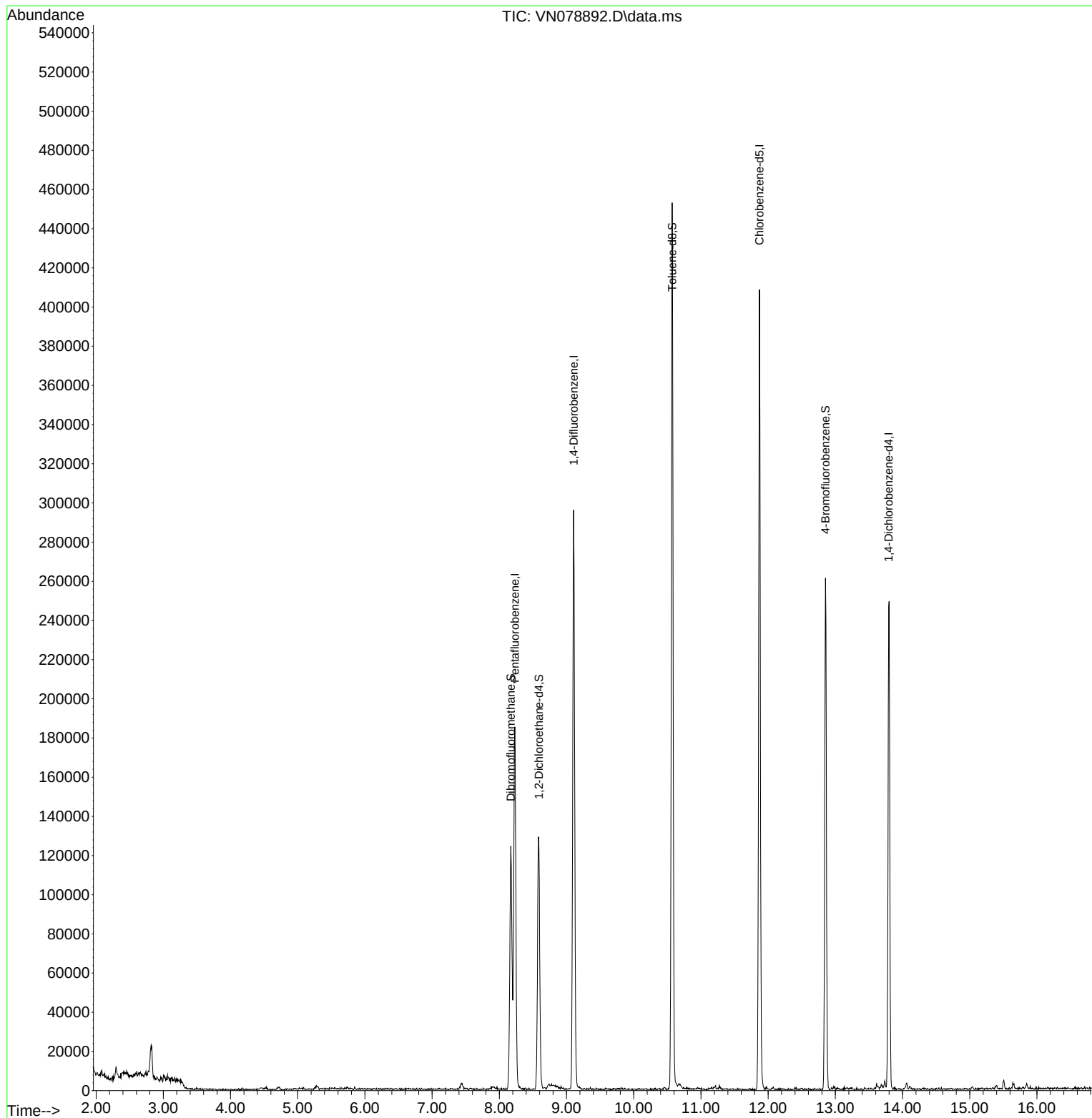
Target Compounds	Qvalue

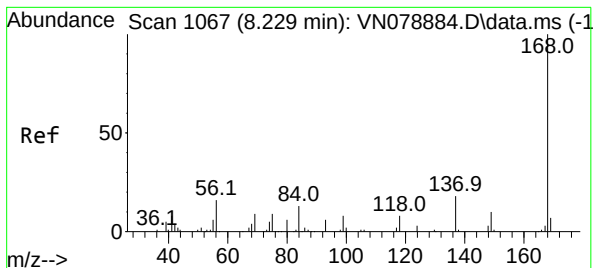
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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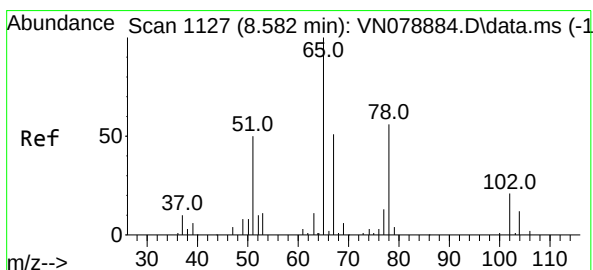
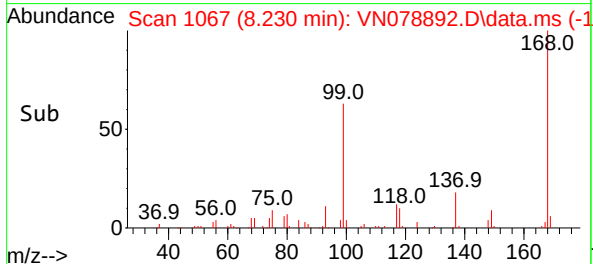
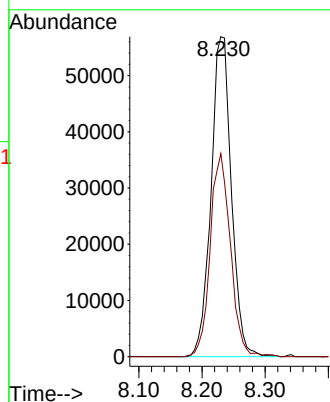
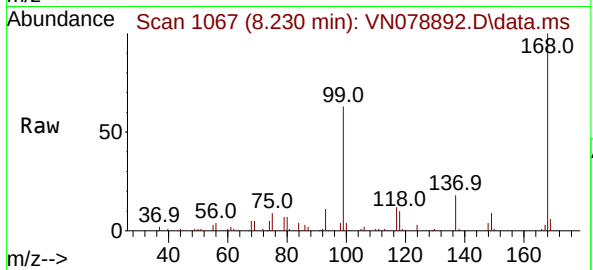




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078892.D
Acq: 16 Aug 2023 10:32

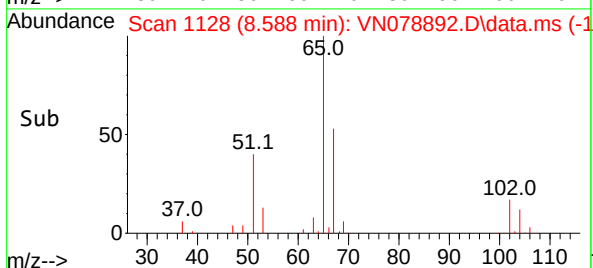
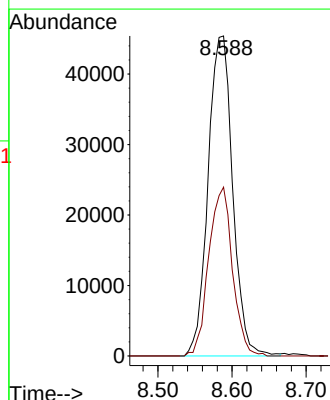
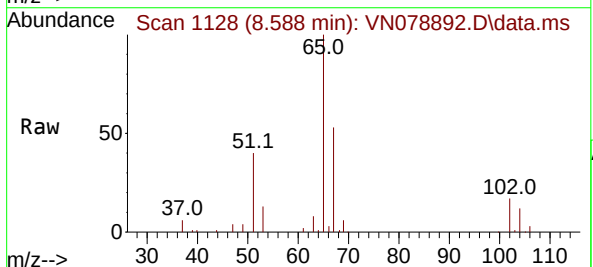
Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL01

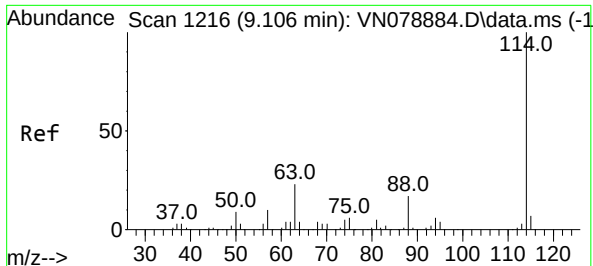
Tgt Ion:168 Resp: 127632
Ion Ratio Lower Upper
168 100
99 63.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 52.802 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.005 min
Lab File: VN078892.D
Acq: 16 Aug 2023 10:32

Tgt Ion: 65 Resp: 104869
Ion Ratio Lower Upper
65 100
67 50.9 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078892.D

Acq: 16 Aug 2023 10:32

Instrument :

MSVOA_N

ClientSampleId :

VN0816MBL01

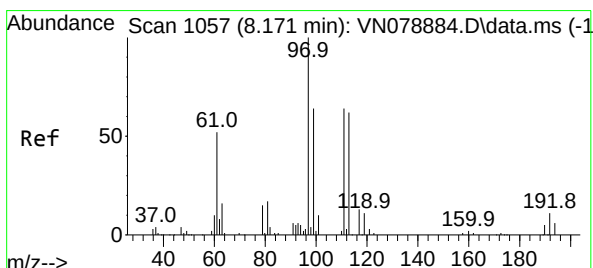
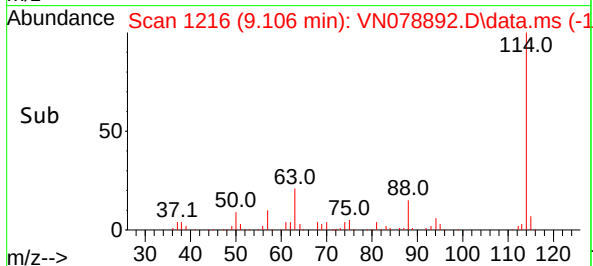
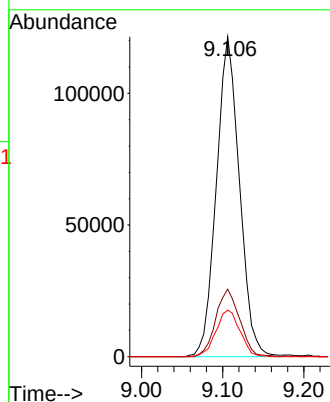
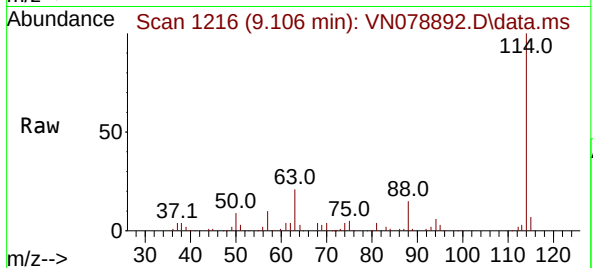
Tgt Ion:114 Resp: 240165

Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.4

88 14.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.859 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN078892.D

Acq: 16 Aug 2023 10:32

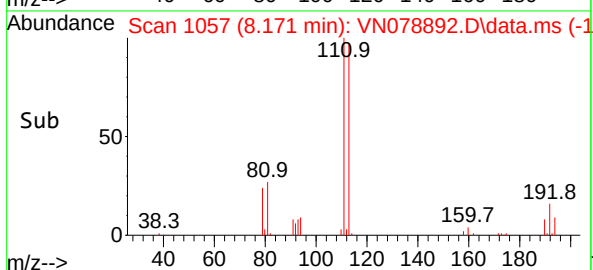
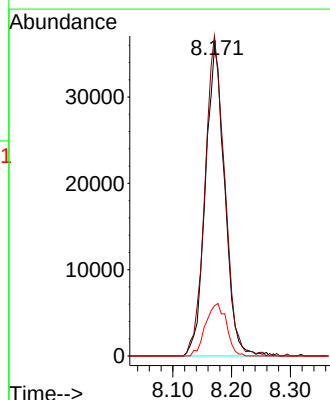
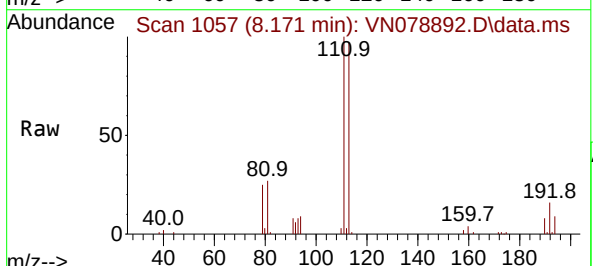
Tgt Ion:113 Resp: 82222

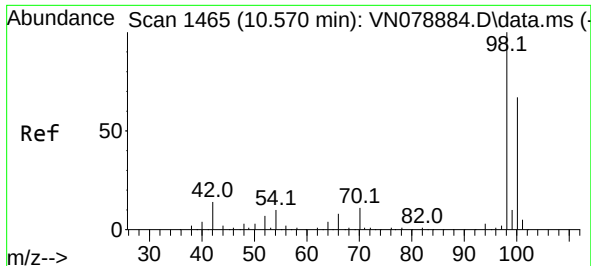
Ion Ratio Lower Upper

113 100

111 105.5 82.6 123.8

192 18.2 12.7 19.1

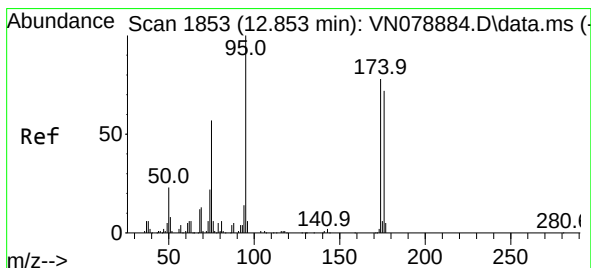
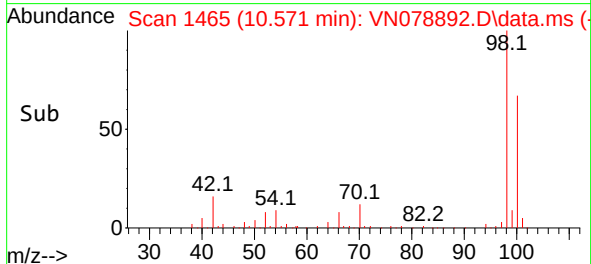
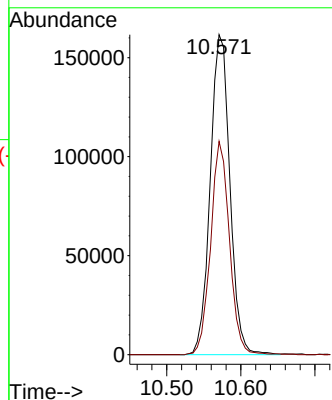
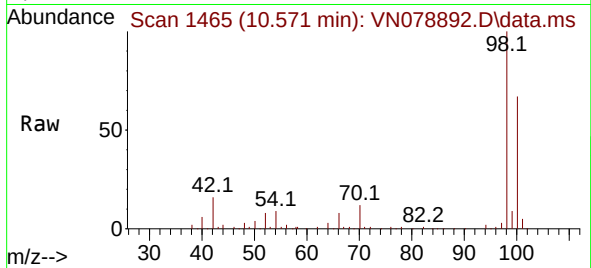




#50
Toluene-d8
Concen: 49.579 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078892.D
Acq: 16 Aug 2023 10:32

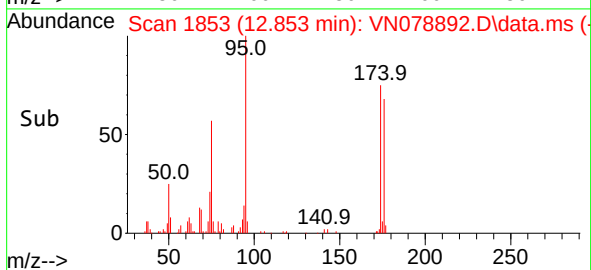
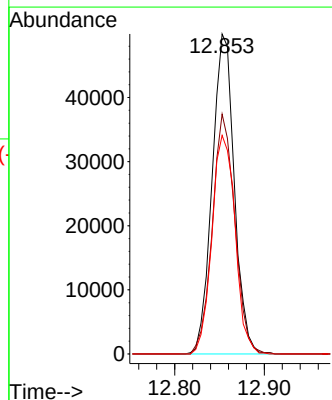
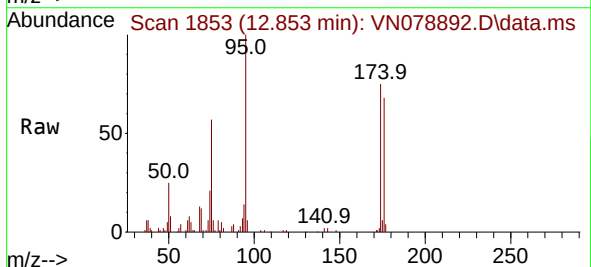
Instrument :
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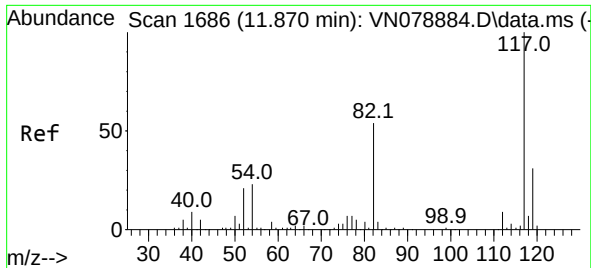
Tgt Ion: 98 Resp: 297612
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.551 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078892.D
Acq: 16 Aug 2023 10:32

Tgt Ion: 95 Resp: 85451
Ion Ratio Lower Upper
95 100
174 76.2 0.0 143.8
176 71.5 0.0 135.8

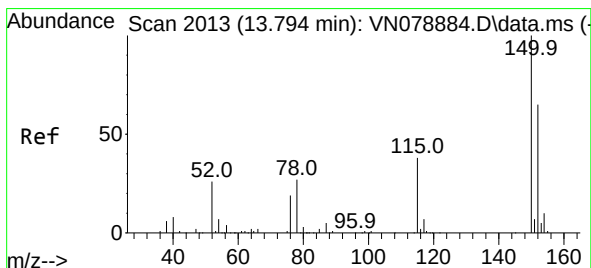
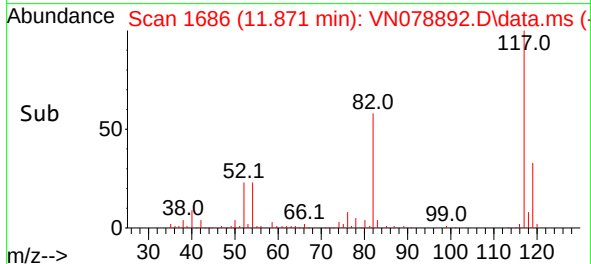
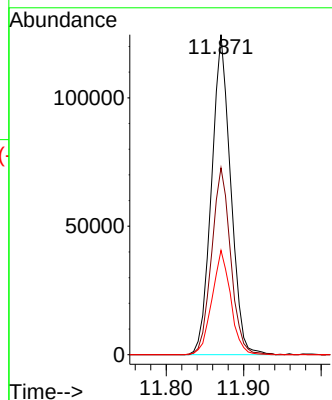
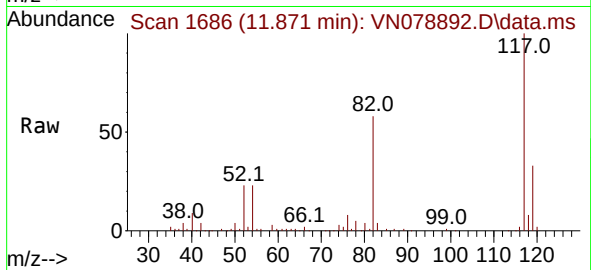




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078892.D
Acq: 16 Aug 2023 10:32

Instrument :
MSVOA_N
ClientSampleId :
VN0816MBL01

Tgt Ion:117 Resp: 213165
Ion Ratio Lower Upper
117 100
82 58.4 44.0 66.0
119 32.6 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: VN078892.D
Acq: 16 Aug 2023 10:32

Tgt Ion:152 Resp: 64522
Ion Ratio Lower Upper
152 100
115 60.7 32.3 96.8
150 156.4 0.0 355.8

