

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082223\
 Data File : VN078981.D
 Acq On : 22 Aug 2023 09:58
 Operator : JC\MD
 Sample : VN0822MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0822MBL01

Quant Time: Aug 23 02:56:46 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	158062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	296994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	273278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	81751	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	131886	53.621	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.240%
35) Dibromofluoromethane	8.165	113	105147	52.594	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.180%
50) Toluene-d8	10.571	98	397228	53.511	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.020%
62) 4-Bromofluorobenzene	12.853	95	109606	45.173	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.340%

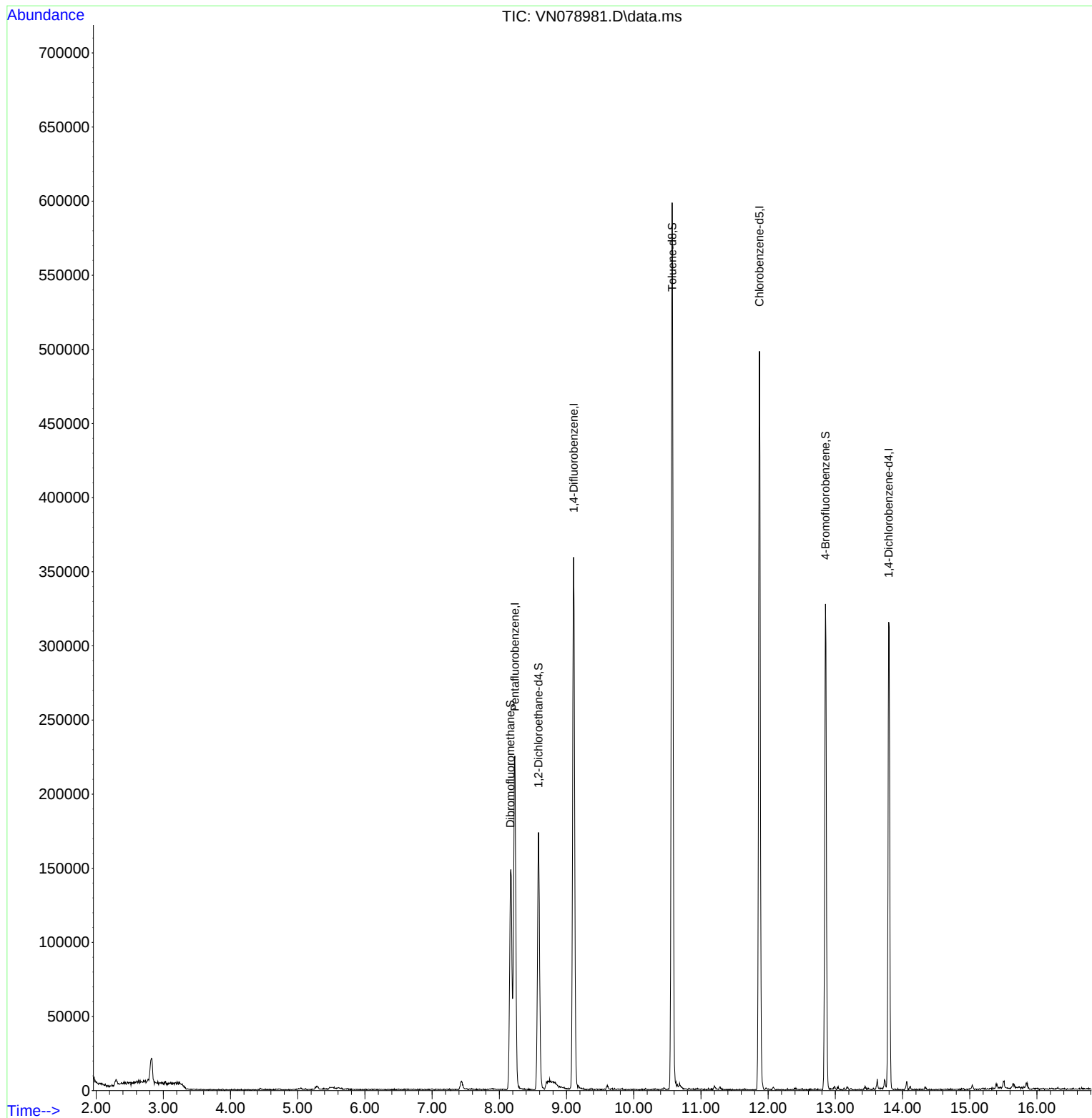
Target Compounds	Qvalue

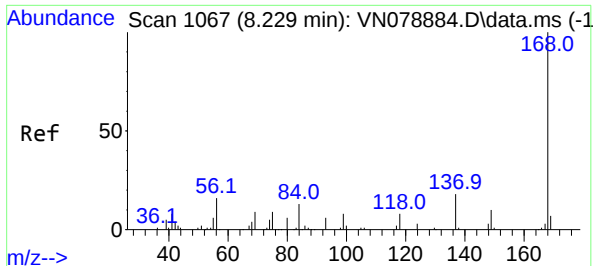
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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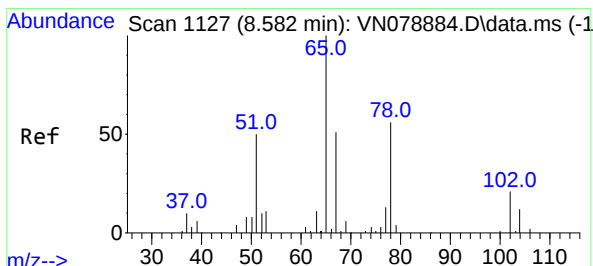
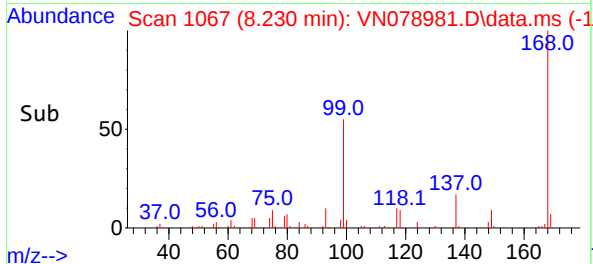
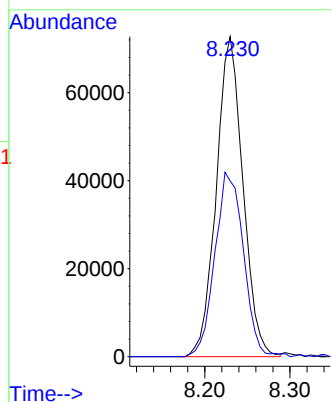
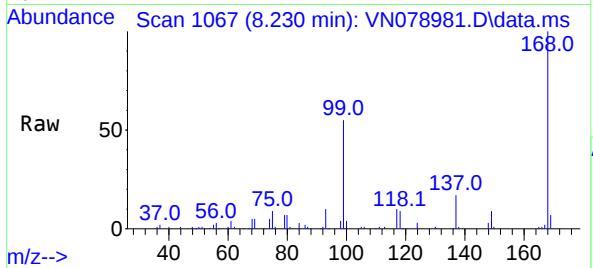




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078981.D
Acq: 22 Aug 2023 09:58

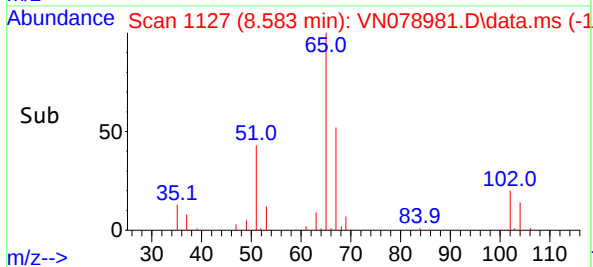
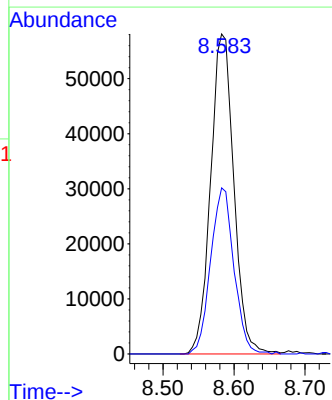
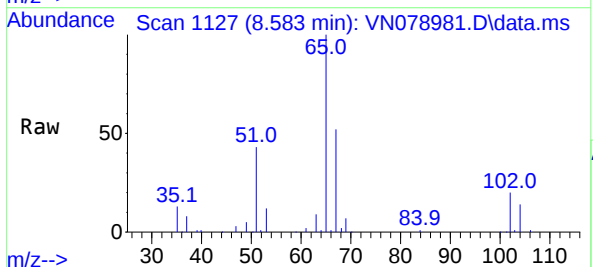
Instrument :
MSVOA_N
ClientSampleId :
VN0822MBL01

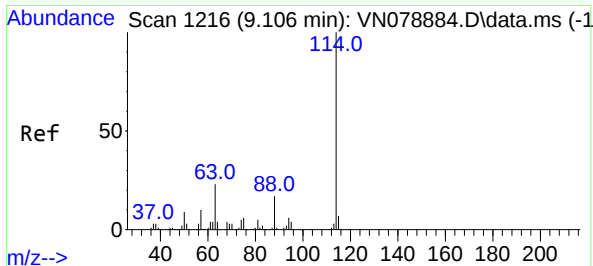
Tgt Ion:168 Resp: 158062
Ion Ratio Lower Upper
168 100
99 54.9 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 53.621 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078981.D
Acq: 22 Aug 2023 09:58

Tgt Ion: 65 Resp: 131886
Ion Ratio Lower Upper
65 100
67 52.0 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: VN078981.D

Acq: 22 Aug 2023 09:58

Instrument :

MSVOA_N

ClientSampleId :

VN0822MBL01

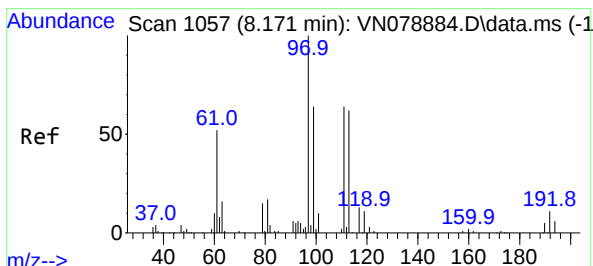
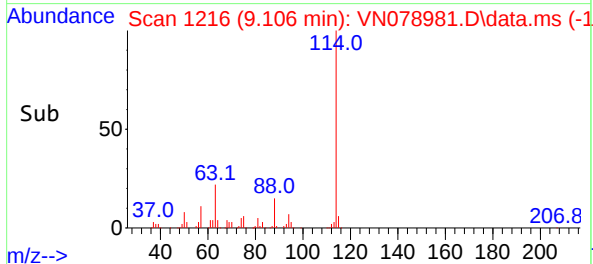
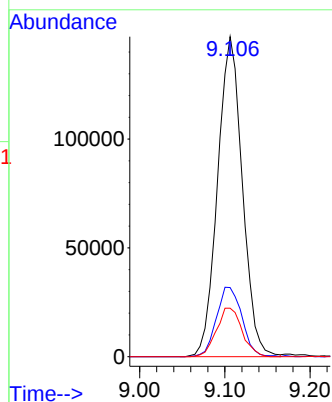
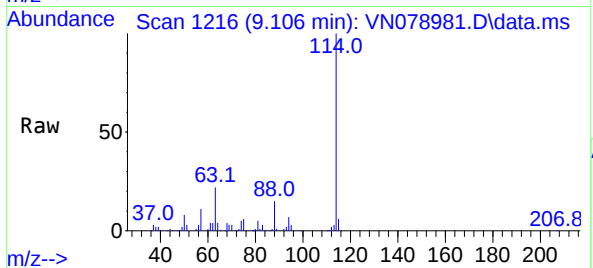
Tgt Ion:114 Resp: 296994

Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.4

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.594 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN078981.D

Acq: 22 Aug 2023 09:58

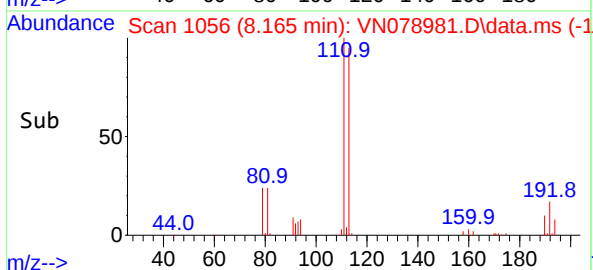
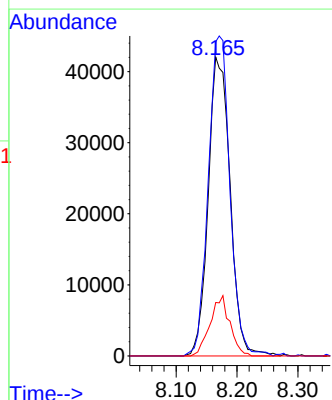
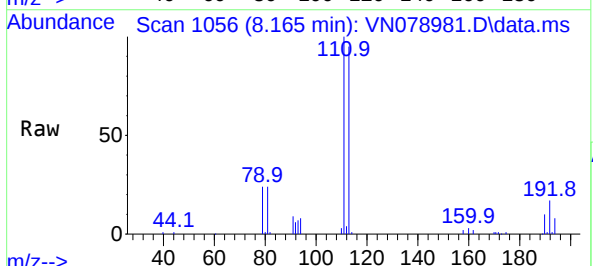
Tgt Ion:113 Resp: 105147

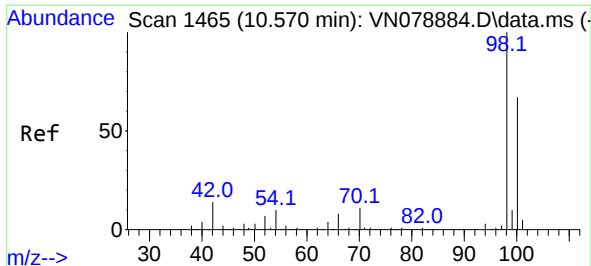
Ion Ratio Lower Upper

113 100

111 105.6 82.6 123.8

192 18.2 12.7 19.1

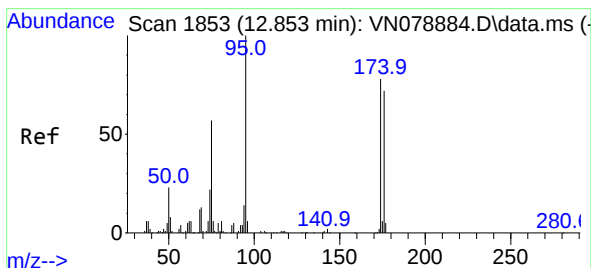
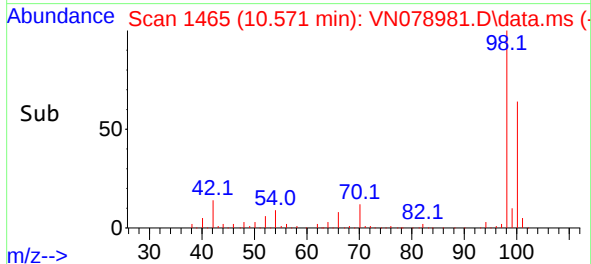
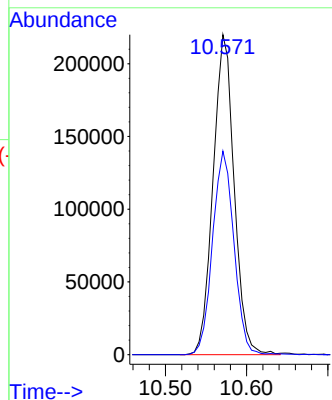
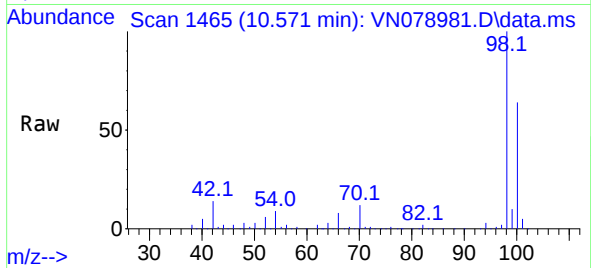




#50
Toluene-d8
Concen: 53.511 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078981.D
Acq: 22 Aug 2023 09:58

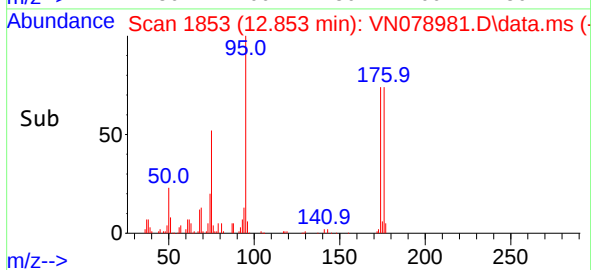
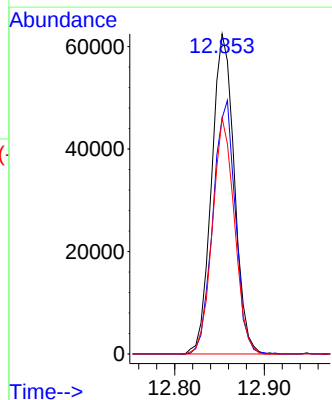
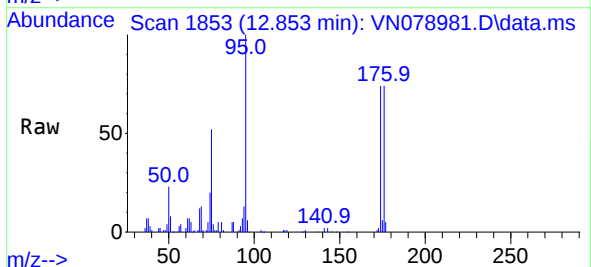
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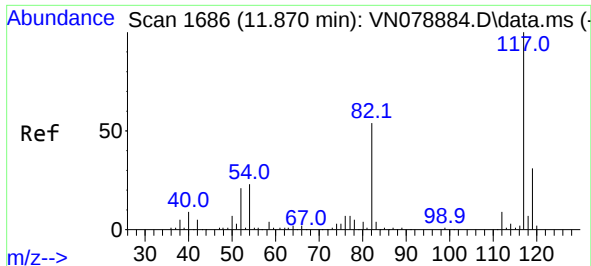
Tgt Ion: 98 Resp: 397228
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.173 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078981.D
Acq: 22 Aug 2023 09:58

Tgt Ion: 95 Resp: 109606
Ion Ratio Lower Upper
95 100
174 78.0 0.0 143.8
176 71.6 0.0 135.8

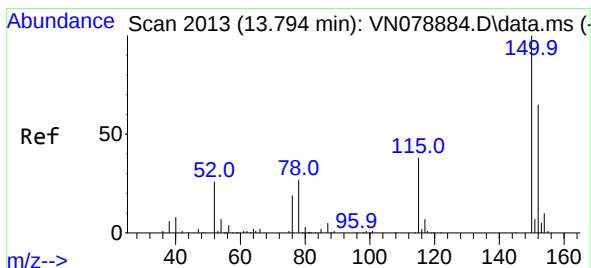
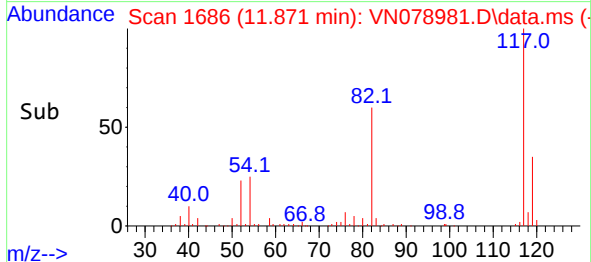
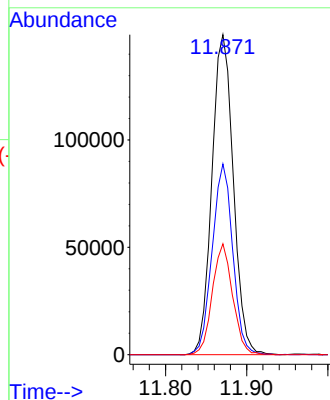
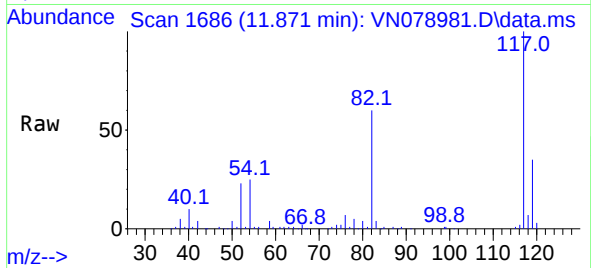




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078981.D
Acq: 22 Aug 2023 09:58

Instrument :
MSVOA_N
ClientSampleId :
VN0822MBL01

Tgt Ion:117 Resp: 273278
Ion Ratio Lower Upper
117 100
82 59.6 44.0 66.0
119 34.7 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: VN078981.D
Acq: 22 Aug 2023 09:58

Tgt Ion:152 Resp: 81751
Ion Ratio Lower Upper
152 100
115 58.7 32.3 96.8
150 156.8 0.0 355.8

