

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090223\
 Data File : VN079135.D
 Acq On : 02 Sep 2023 11:37
 Operator : JC\MD
 Sample : VN0902WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBL01

Quant Time: Sep 04 01:00:01 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	264717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	433489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	435165	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109257	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	189948	46.113	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.220%
35) Dibromofluoromethane	8.171	113	170539	58.443	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	116.880%
50) Toluene-d8	10.571	98	568679	52.486	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.980%
62) 4-Bromofluorobenzene	12.853	95	176982	49.974	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.940%

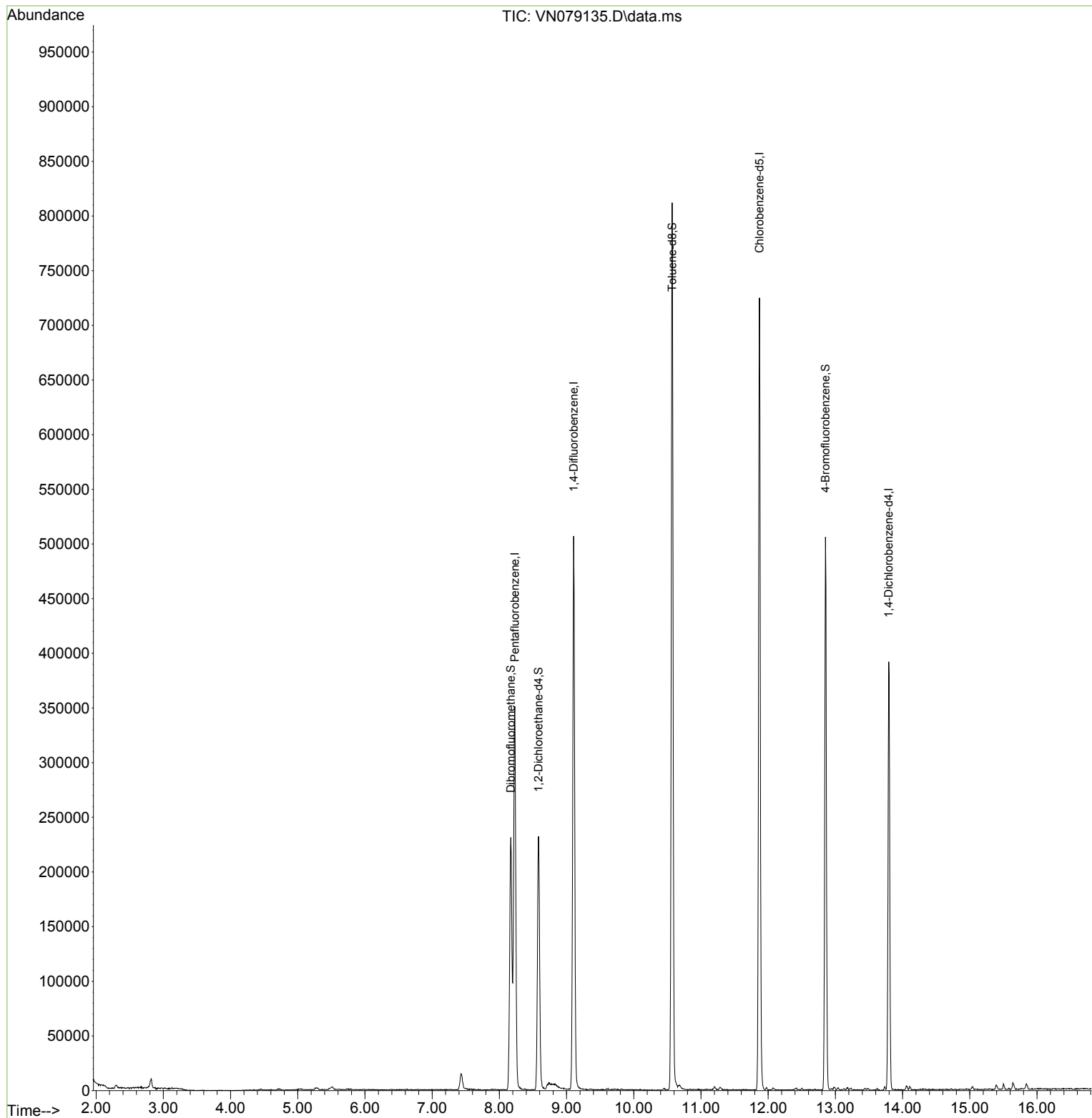
Target Compounds	Qvalue

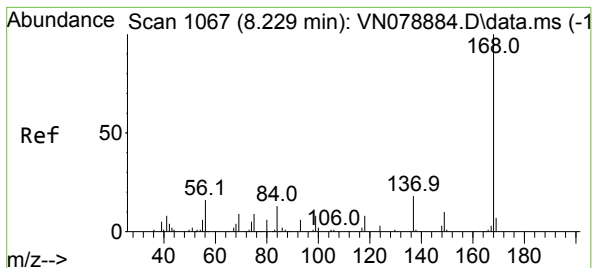
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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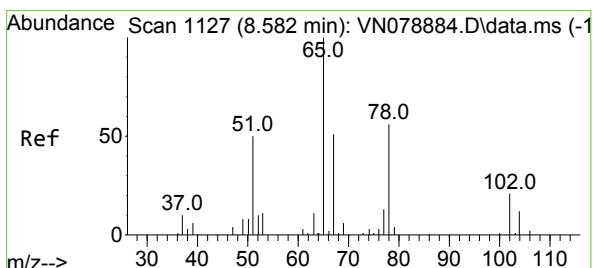
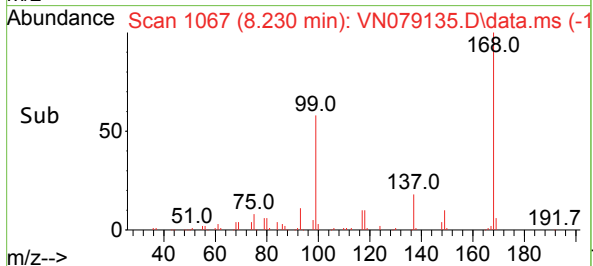
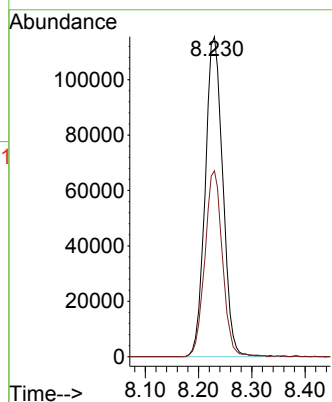
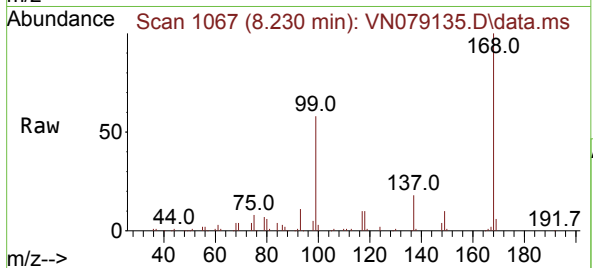




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079135.D
Acq: 02 Sep 2023 11:37

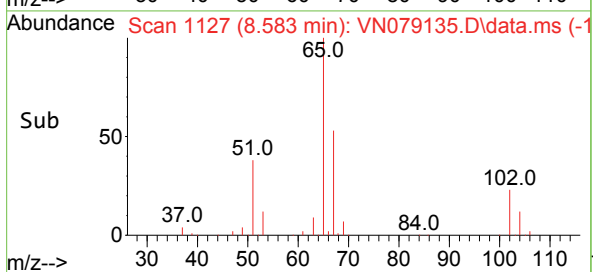
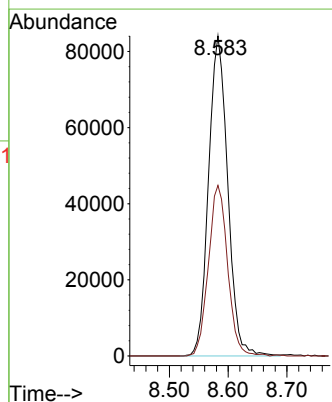
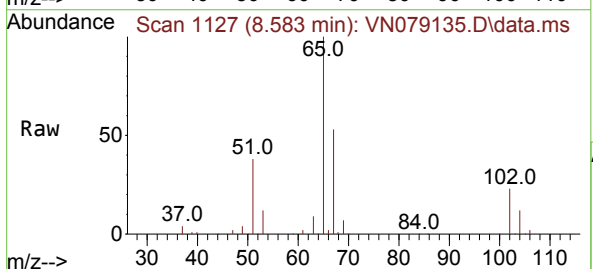
Instrument :
MSVOA_N
ClientSampleId :
VN0902WBL01

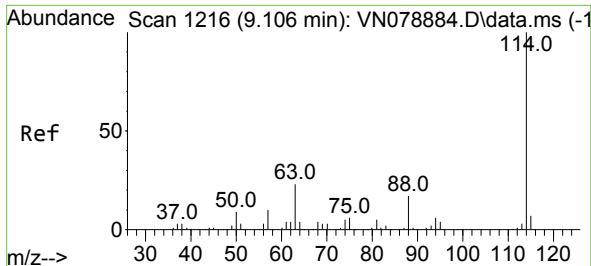
Tgt Ion:168 Resp: 264717
Ion Ratio Lower Upper
168 100
99 58.1 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 46.113 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079135.D
Acq: 02 Sep 2023 11:37

Tgt Ion: 65 Resp: 189948
Ion Ratio Lower Upper
65 100
67 53.5 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN079135.D

Acq: 02 Sep 2023 11:37

Instrument :

MSVOA_N

ClientSampleId :

VN0902WBL01

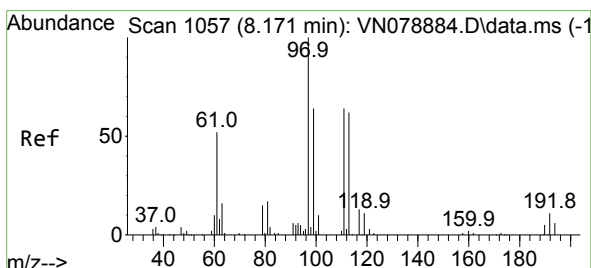
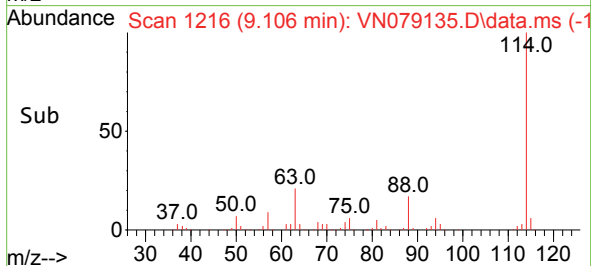
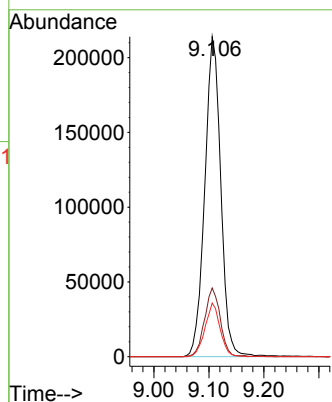
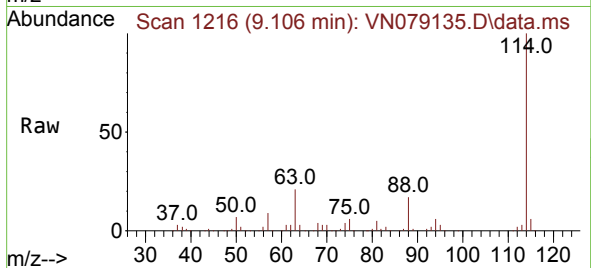
Tgt Ion:114 Resp: 433489

Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 16.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 58.443 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079135.D

Acq: 02 Sep 2023 11:37

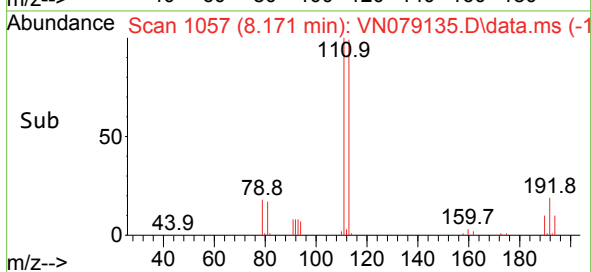
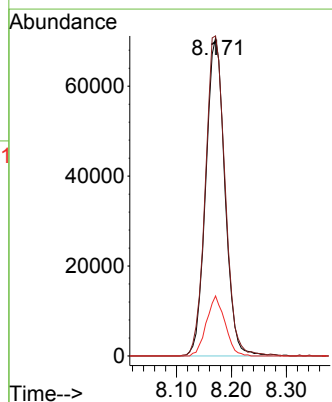
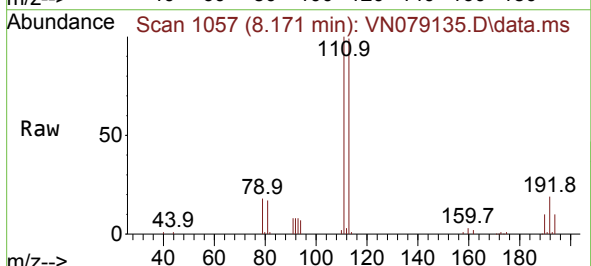
Tgt Ion:113 Resp: 170539

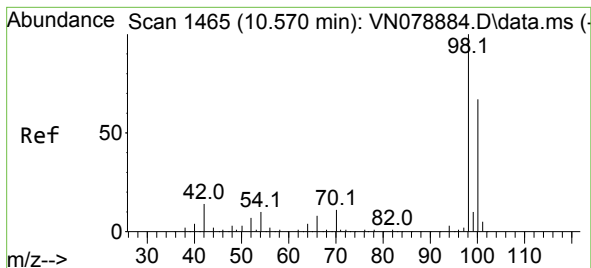
Ion Ratio Lower Upper

113 100

111 103.4 82.6 123.8

192 18.3 12.7 19.1

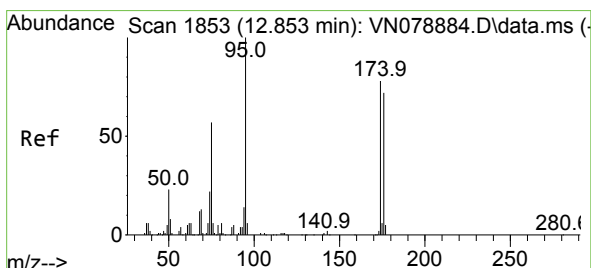
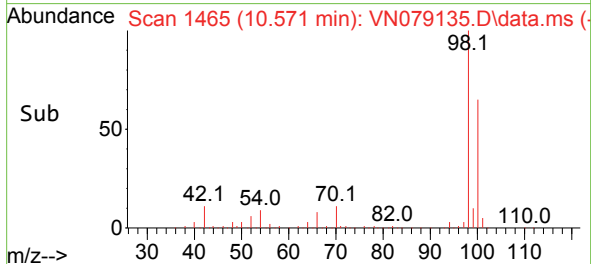
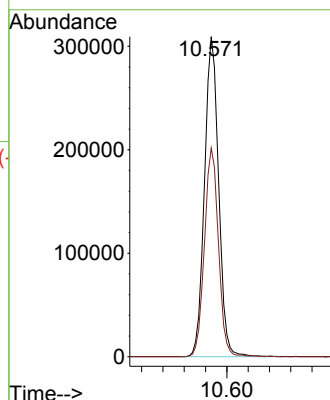
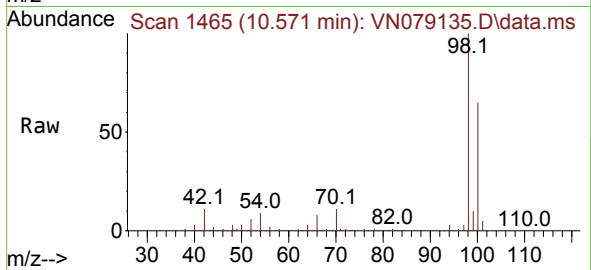




#50
Toluene-d8
Concen: 52.486 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079135.D
Acq: 02 Sep 2023 11:37

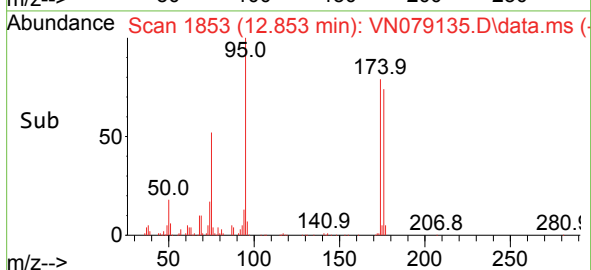
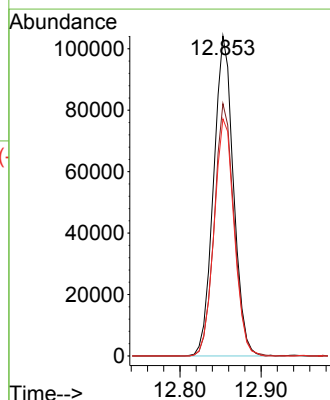
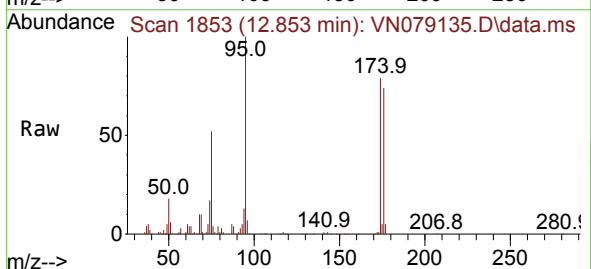
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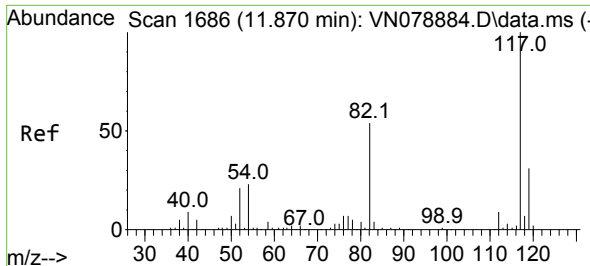
Tgt Ion: 98 Resp: 568679
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.974 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079135.D
Acq: 02 Sep 2023 11:37

Tgt Ion: 95 Resp: 176982
Ion Ratio Lower Upper
95 100
174 78.4 0.0 143.8
176 75.0 0.0 135.8

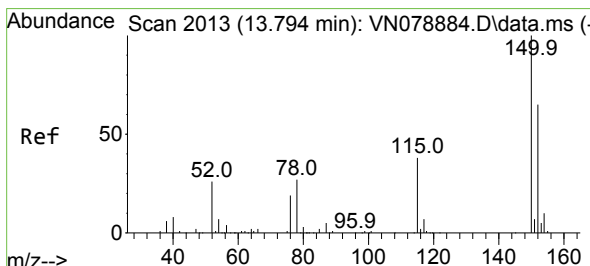
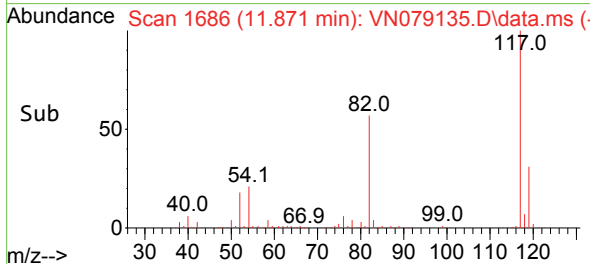
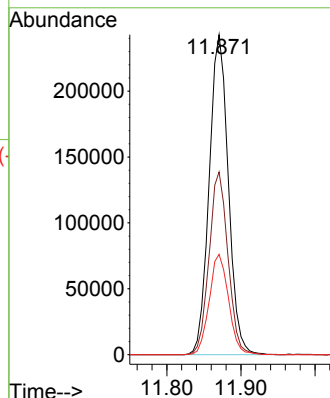
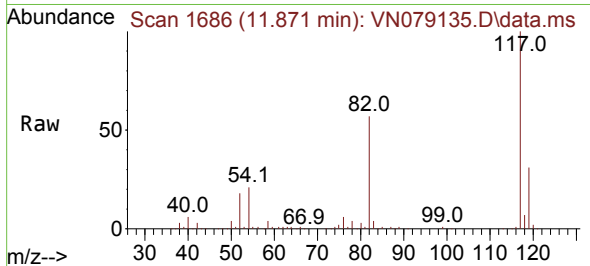




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079135.D
Acq: 02 Sep 2023 11:37

Instrument :
MSVOA_N
ClientSampleId :
VN0902WBL01

Tgt Ion:117 Resp: 435165
Ion Ratio Lower Upper
117 100
82 57.1 44.0 66.0
119 31.4 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: VN079135.D
Acq: 02 Sep 2023 11:37

Tgt Ion:152 Resp: 109257
Ion Ratio Lower Upper
152 100
115 59.3 32.3 96.8
150 155.4 0.0 355.8

