

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090123\
 Data File : VN079118.D
 Acq On : 01 Sep 2023 13:10
 Operator : JC\MD
 Sample : VN0901WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0901WBL01

Quant Time: Sep 01 23:10:14 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	289521	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	518841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	472109	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	149621	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	202028	44.843	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.680%
35) Dibromofluoromethane	8.171	113	182563	52.272	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.540%
50) Toluene-d8	10.571	98	614301	47.370	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.740%
62) 4-Bromofluorobenzene	12.853	95	196655	46.394	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.780%

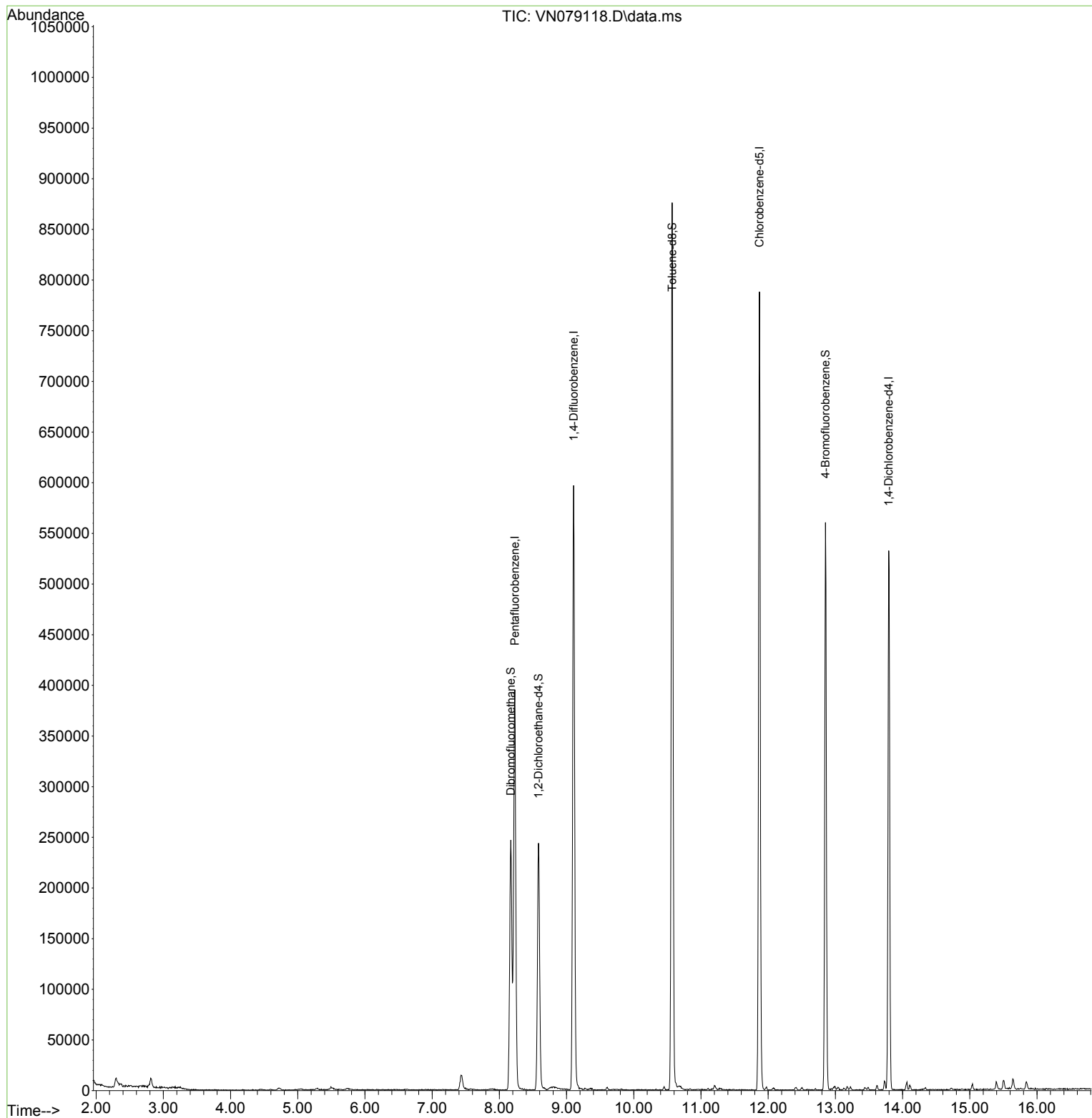
Target Compounds	Qvalue

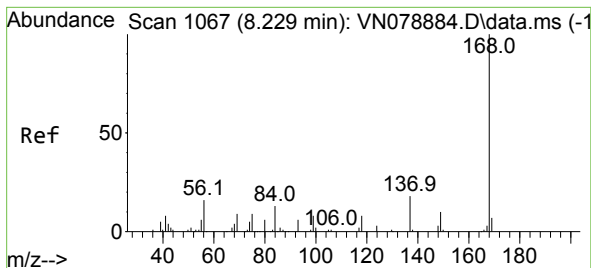
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.000 min

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Instrument :

MSVOA_N

ClientSampleId :

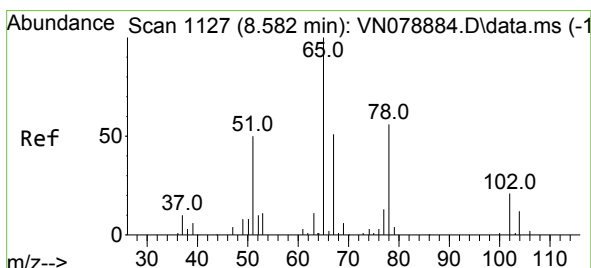
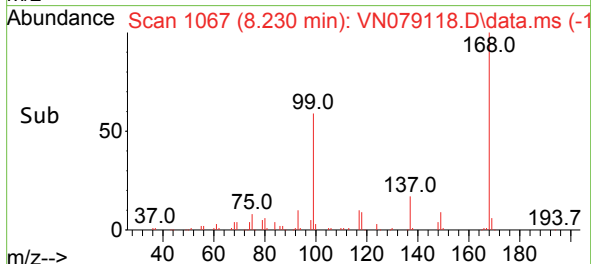
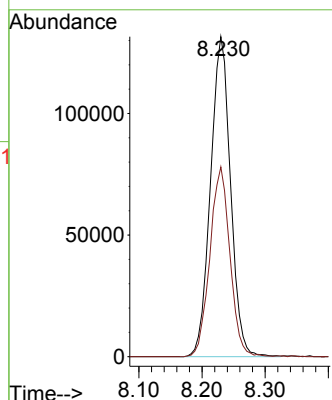
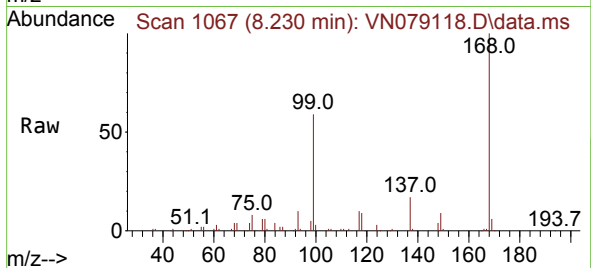
VN0901WBL01

Tgt Ion:168 Resp: 289521

Ion Ratio Lower Upper

168 100

99 59.3 53.0 79.6



#33

1,2-Dichloroethane-d4

Concen: 44.843 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079118.D

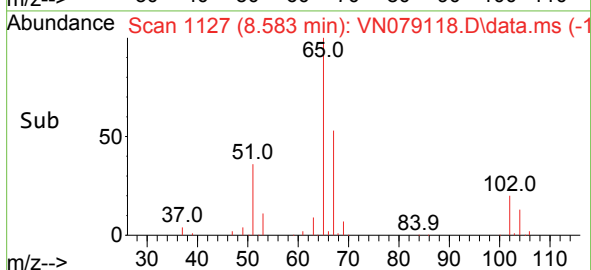
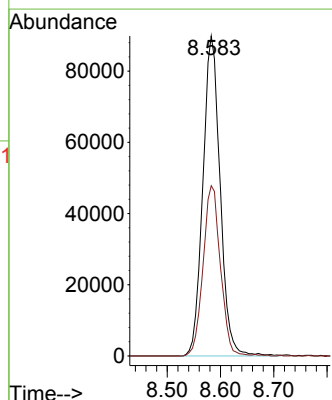
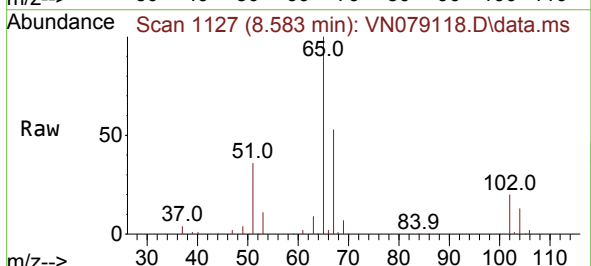
Acq: 01 Sep 2023 13:10

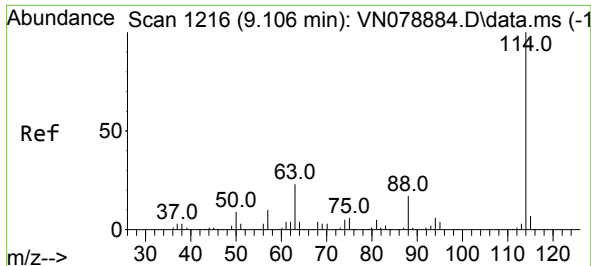
Tgt Ion: 65 Resp: 202028

Ion Ratio Lower Upper

65 100

67 53.3 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: VN079118.D

Acq: 01 Sep 2023 13:10

Instrument :

MSVOA_N

ClientSampleId :

VN0901WBL01

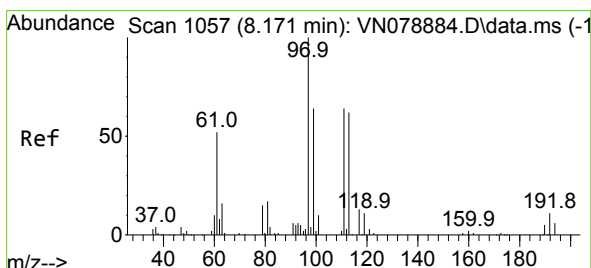
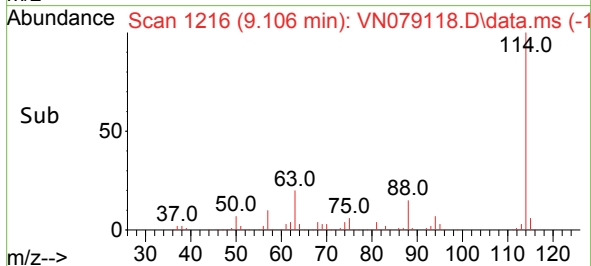
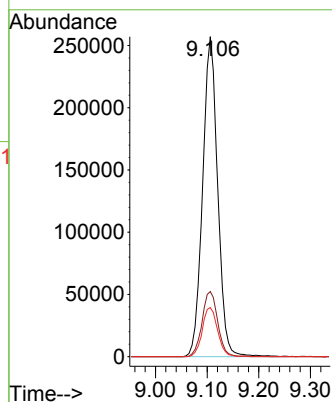
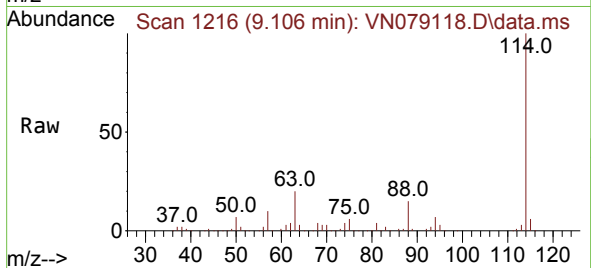
Tgt Ion:114 Resp: 518841

Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 52.272 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

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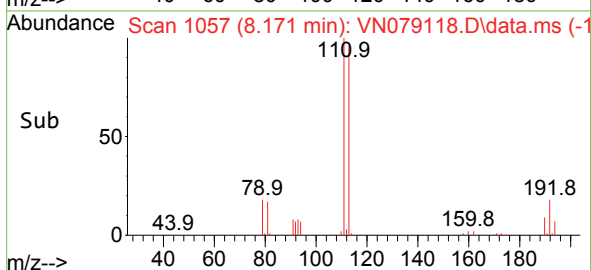
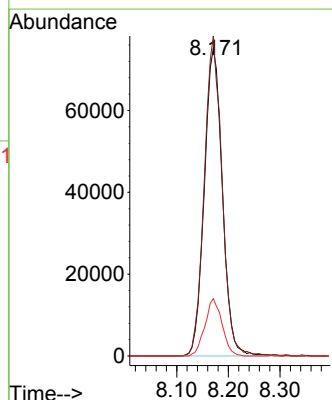
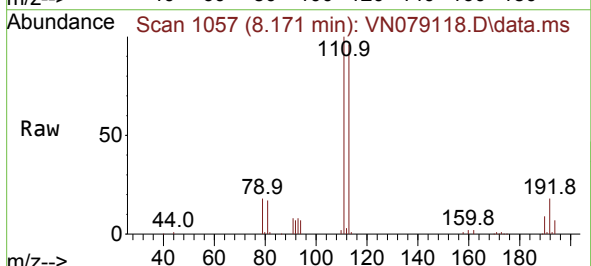
Tgt Ion:113 Resp: 182563

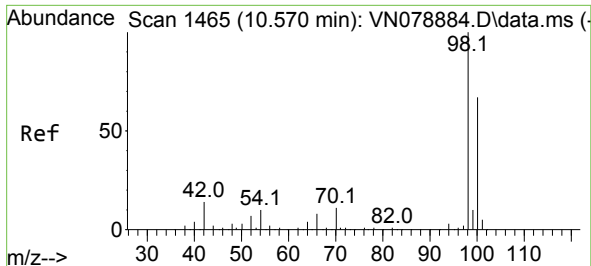
Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

192 17.7 12.7 19.1

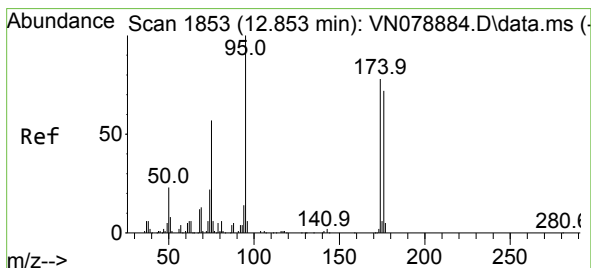
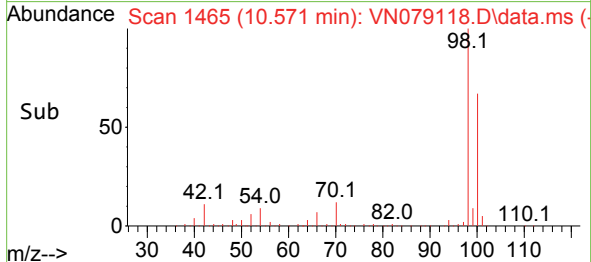
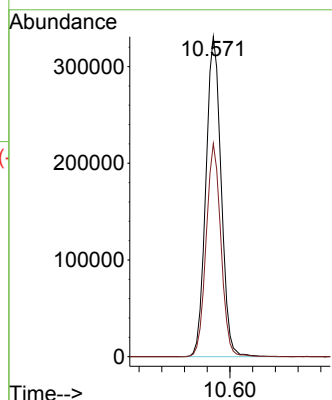
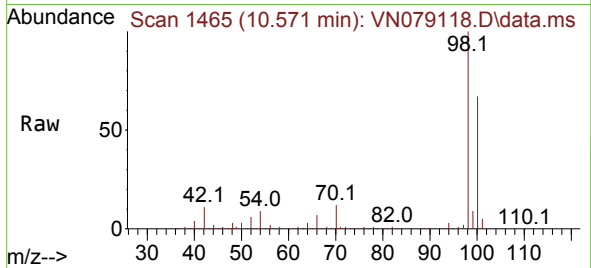




#50
Toluene-d8
Concen: 47.370 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079118.D
Acq: 01 Sep 2023 13:10

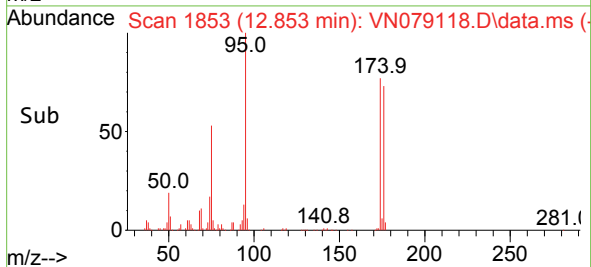
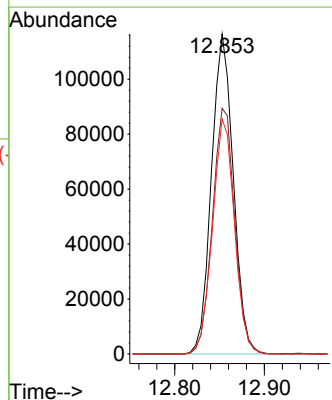
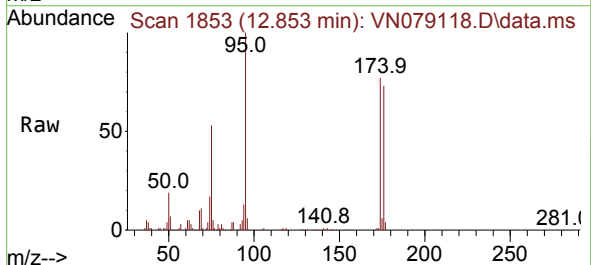
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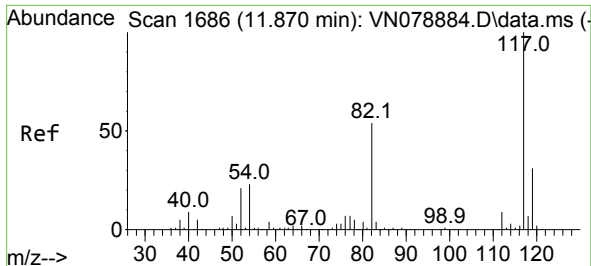
Tgt Ion: 98 Resp: 614301
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.394 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079118.D
Acq: 01 Sep 2023 13:10

Tgt Ion: 95 Resp: 196655
Ion Ratio Lower Upper
95 100
174 78.7 0.0 143.8
176 74.0 0.0 135.8

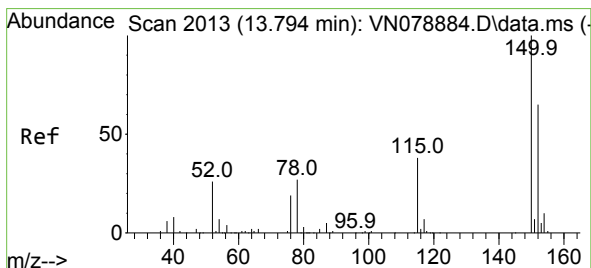
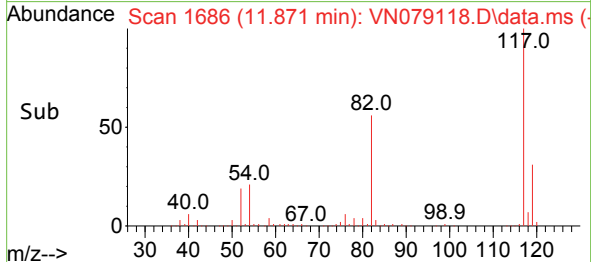
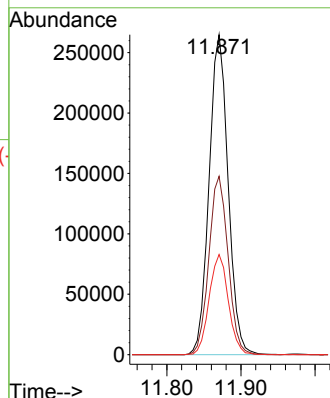
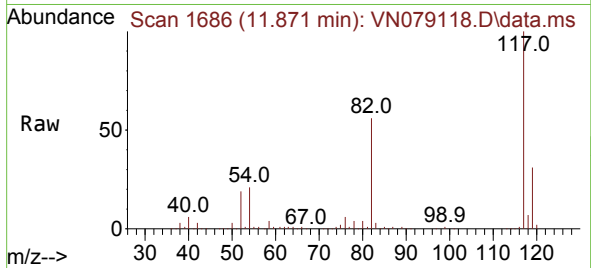




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079118.D
Acq: 01 Sep 2023 13:10

Instrument :
MSVOA_N
ClientSampleId :
VN0901WBL01

Tgt Ion:117 Resp: 472109
Ion Ratio Lower Upper
117 100
82 55.8 44.0 66.0
119 31.3 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: VN079118.D
Acq: 01 Sep 2023 13:10

Tgt Ion:152 Resp: 149621
Ion Ratio Lower Upper
152 100
115 60.4 32.3 96.8
150 154.8 0.0 355.8

