

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092623\
 Data File : VN079346.D
 Acq On : 26 Sep 2023 10:31
 Operator : JC\MD
 Sample : VN0926WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0926WBL01

Quant Time: Sep 27 06:23:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	154173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	283276	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	246237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	71953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	130060	62.493	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	124.980%
35) Dibromofluoromethane	8.171	113	103813	55.094	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.180%
50) Toluene-d8	10.571	98	341663	49.381	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.853	95	105162	47.650	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.300%

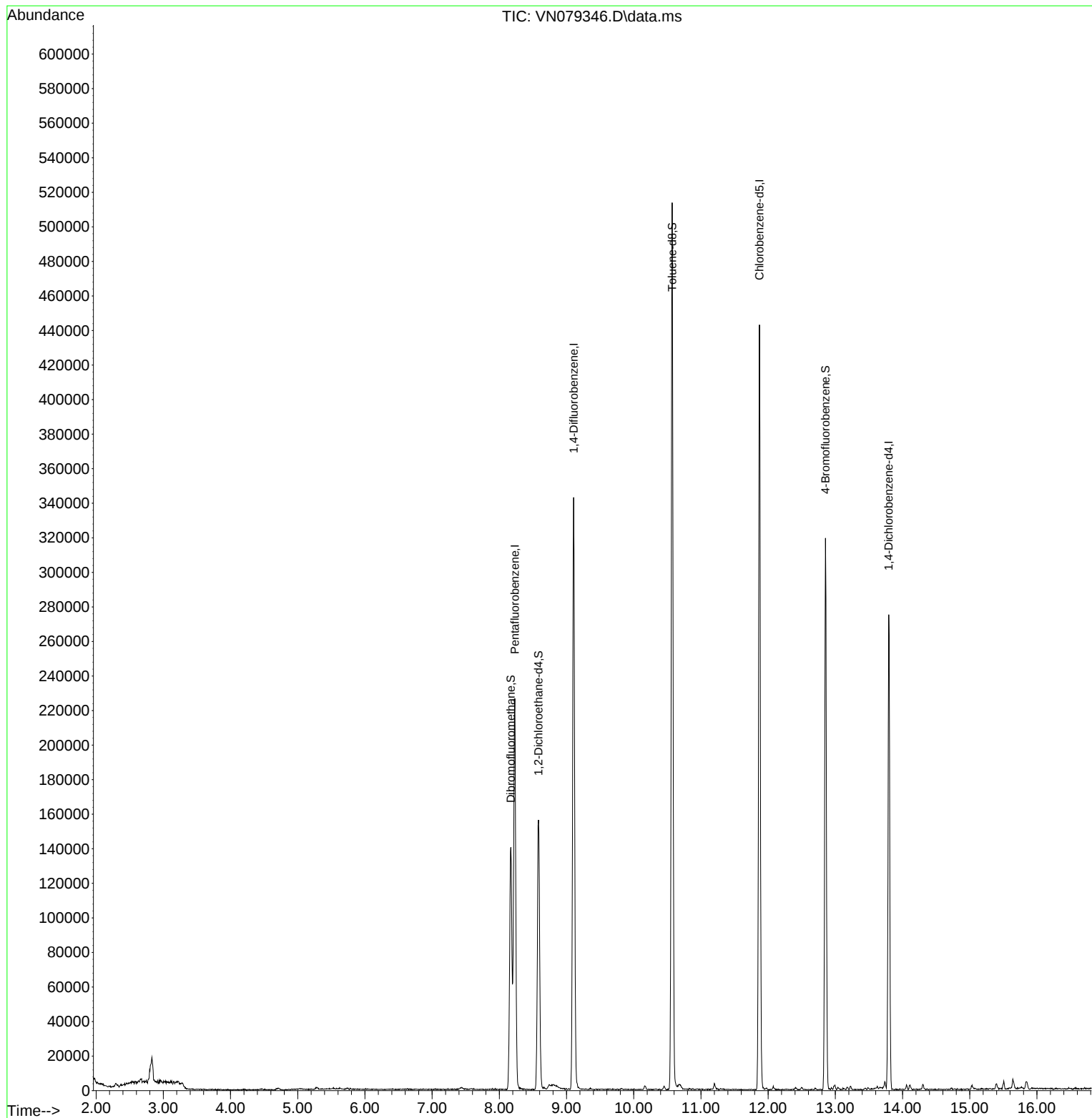
Target Compounds	Qvalue

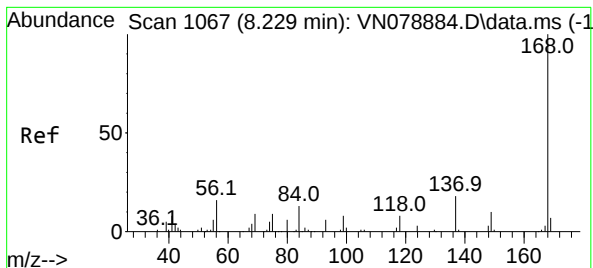
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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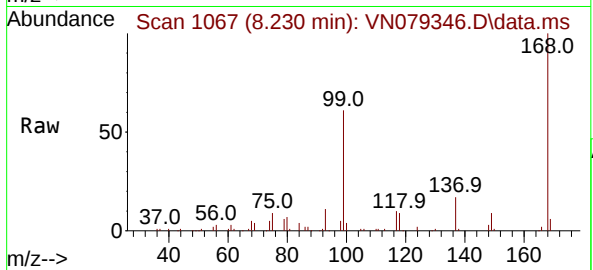
Quant Time: Sep 27 06:23:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
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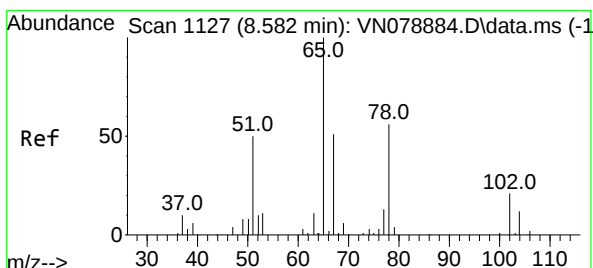
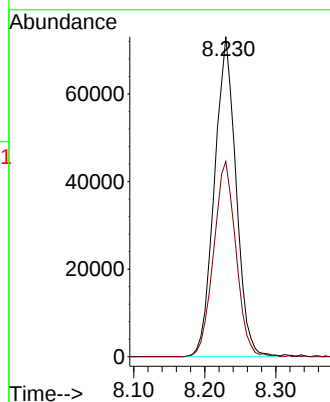
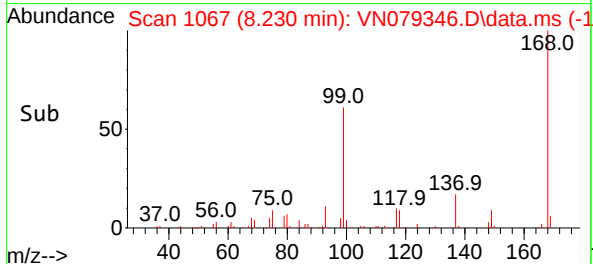


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN079346.D
Acq: 26 Sep 2023 10:31

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBL01

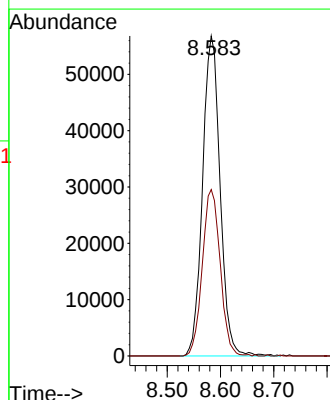
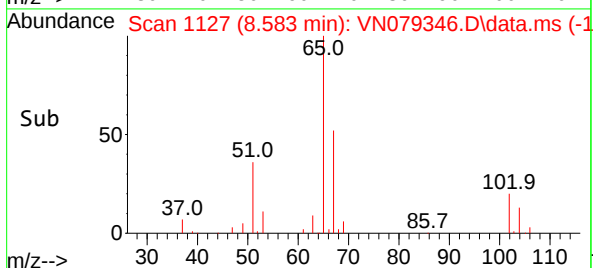
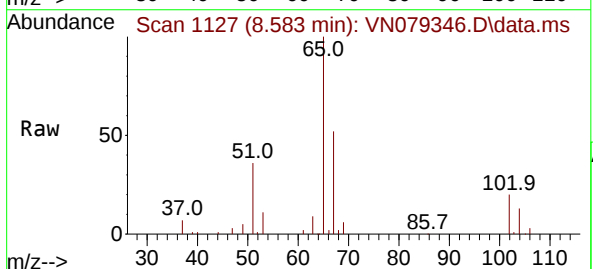


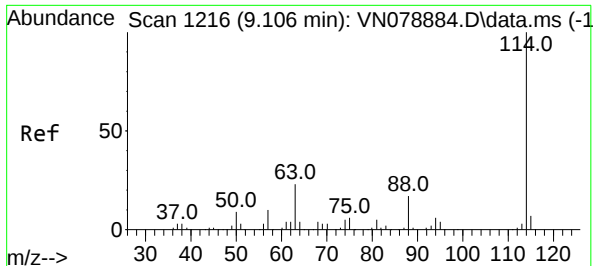
Tgt Ion:168 Resp: 154173
Ion Ratio Lower Upper
168 100
99 61.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 62.493 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079346.D
Acq: 26 Sep 2023 10:31

Tgt Ion: 65 Resp: 130060
Ion Ratio Lower Upper
65 100
67 53.0 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: VN079346.D

Acq: 26 Sep 2023 10:31

Instrument :

MSVOA_N

ClientSampleId :

VN0926WBL01

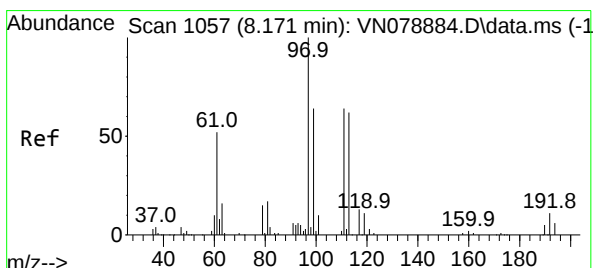
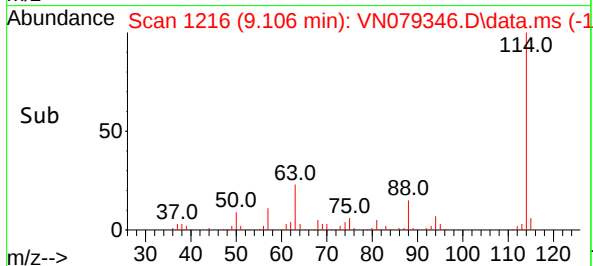
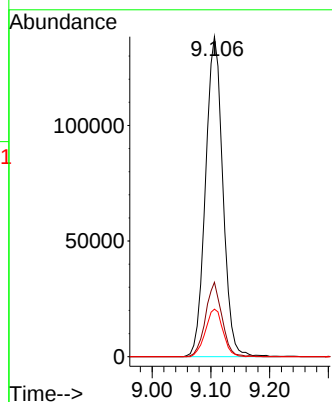
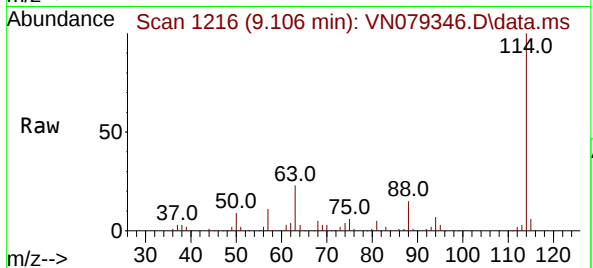
Tgt Ion:114 Resp: 283276

Ion Ratio Lower Upper

114 100

63 23.2 0.0 36.4

88 14.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.094 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079346.D

Acq: 26 Sep 2023 10:31

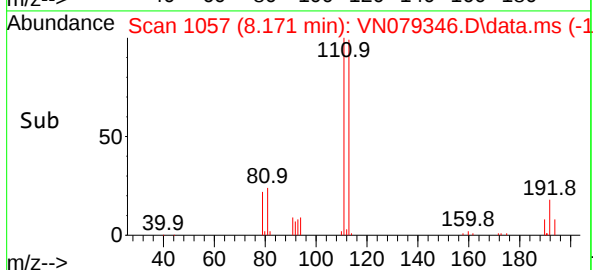
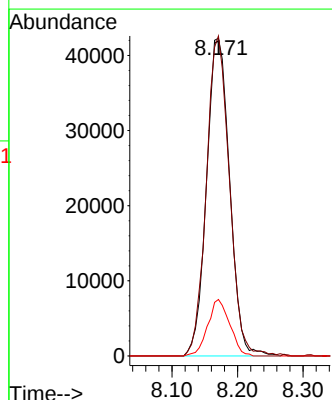
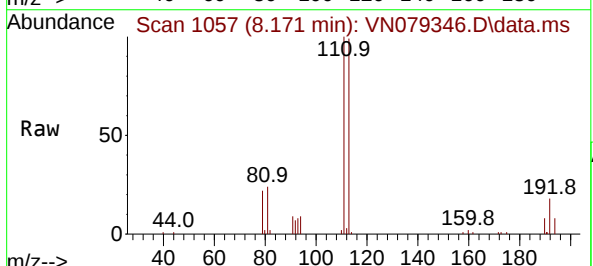
Tgt Ion:113 Resp: 103813

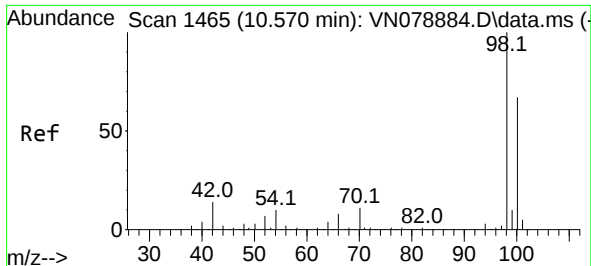
Ion Ratio Lower Upper

113 100

111 100.3 82.6 123.8

192 16.9 12.7 19.1





#50

Toluene-d8

Concen: 49.381 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079346.D

Acq: 26 Sep 2023 10:31

Instrument :

MSVOA_N

ClientSampleId :

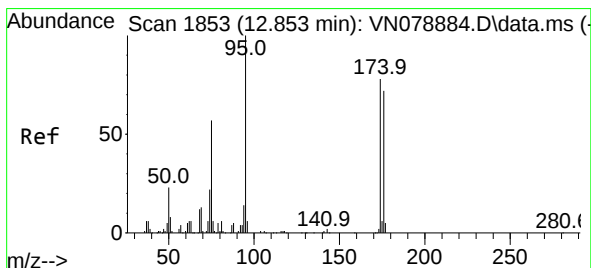
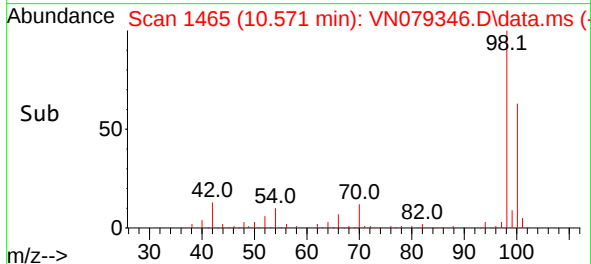
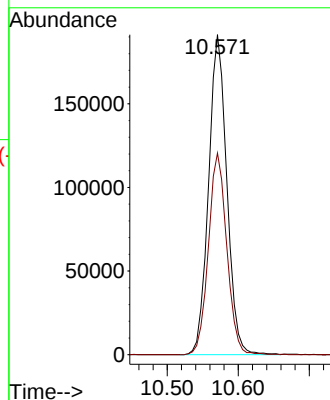
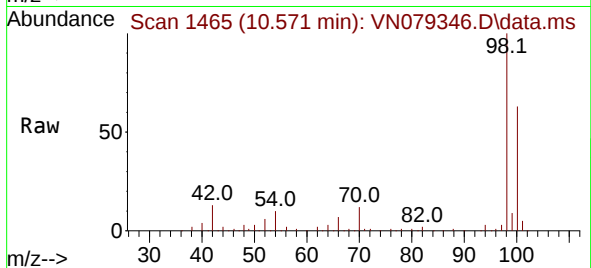
VN0926WBL01

Tgt Ion: 98 Resp: 341663

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 47.650 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN079346.D

Acq: 26 Sep 2023 10:31

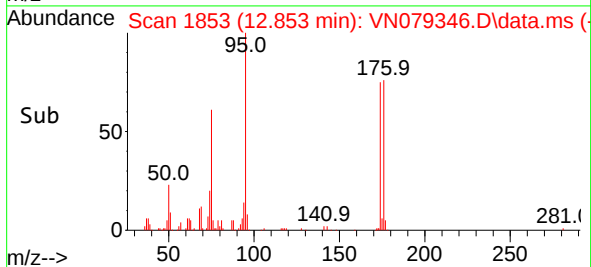
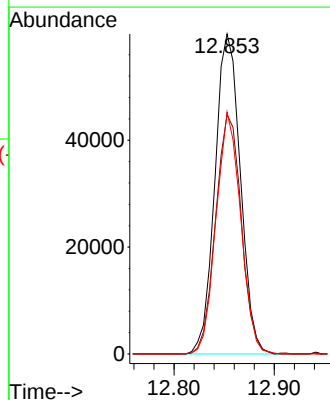
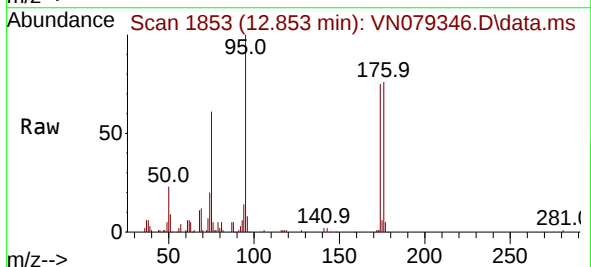
Tgt Ion: 95 Resp: 105162

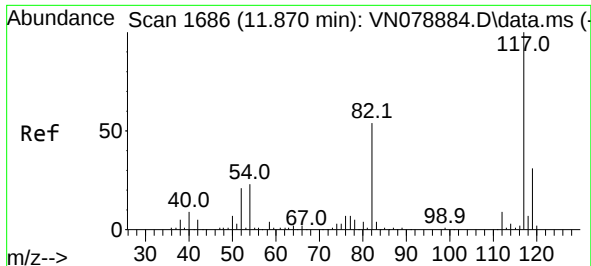
Ion Ratio Lower Upper

95 100

174 75.9 0.0 143.8

176 73.2 0.0 135.8

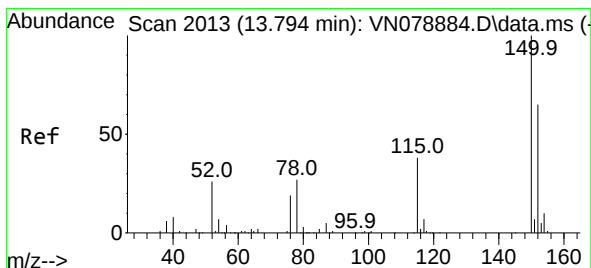
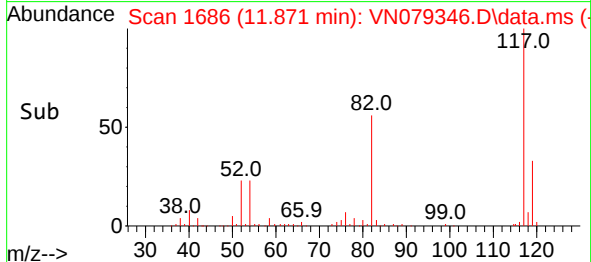
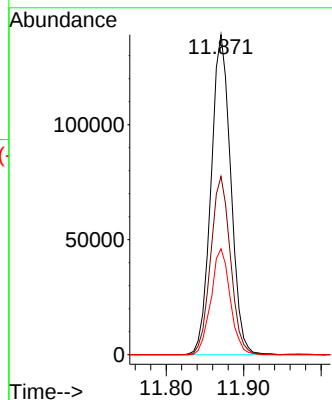
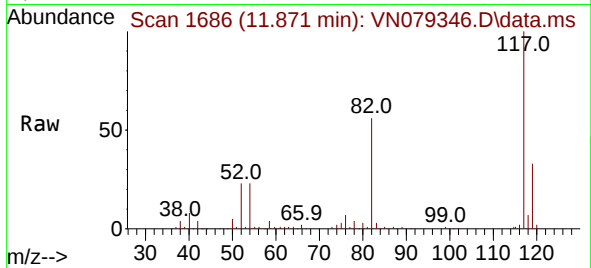




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079346.D
Acq: 26 Sep 2023 10:31

Instrument :
MSVOA_N
ClientSampleId :
VN0926WBL01

Tgt Ion:117 Resp: 246237
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 33.1 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: VN079346.D
Acq: 26 Sep 2023 10:31

Tgt Ion:152 Resp: 71953
Ion Ratio Lower Upper
152 100
115 58.9 32.3 96.8
150 154.1 0.0 355.8

