

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060723\
 Data File : VN078106.D
 Acq On : 07 Jun 2023 16:15
 Operator : JC\MD
 Sample : 03067-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB

Quant Time: Jun 08 05:28:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	387319	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	712119	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	620087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	176234	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	261060	50.552	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.100%
35) Dibromofluoromethane	8.177	113	228718	50.796	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.600%
50) Toluene-d8	10.571	98	867936	50.002	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.000%
62) 4-Bromofluorobenzene	12.853	95	243652	45.152	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.300%

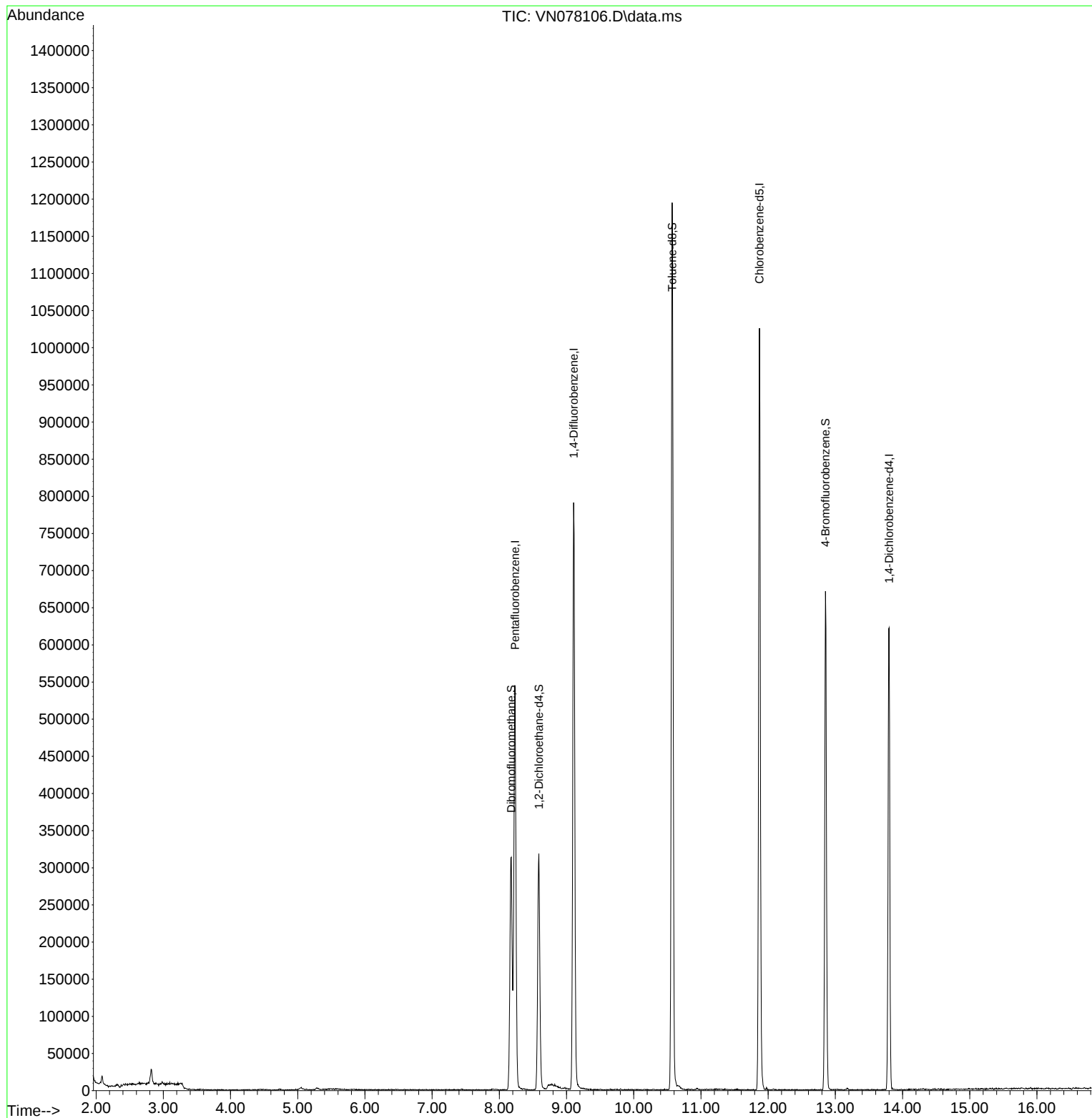
Target Compounds	Qvalue

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

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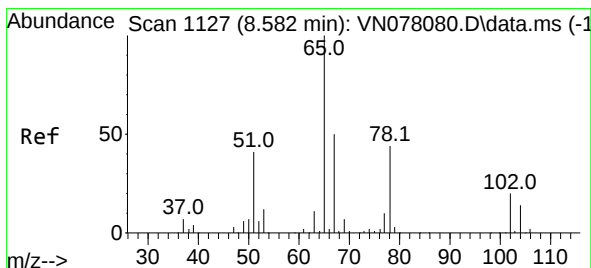
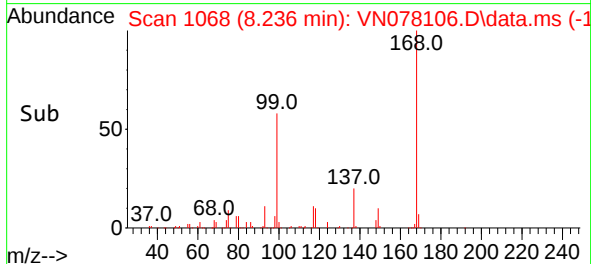
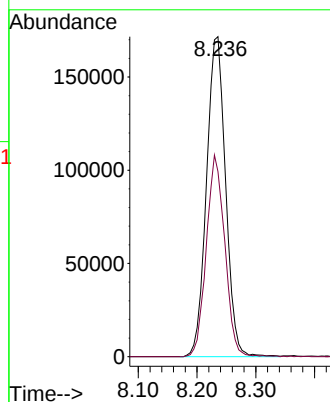
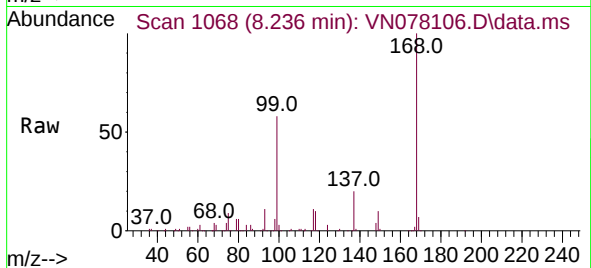




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1106
Delta R.T. 0.001 min
Lab File: VN078106.D
Acq: 07 Jun 2023 16:15

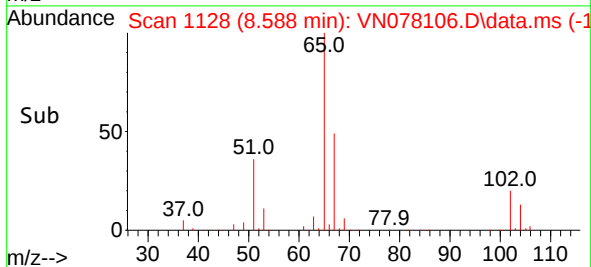
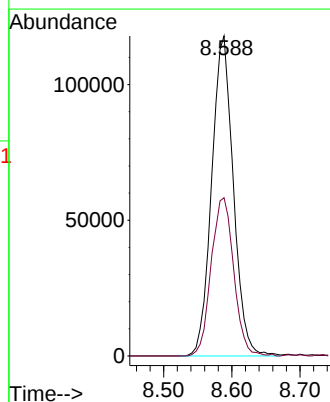
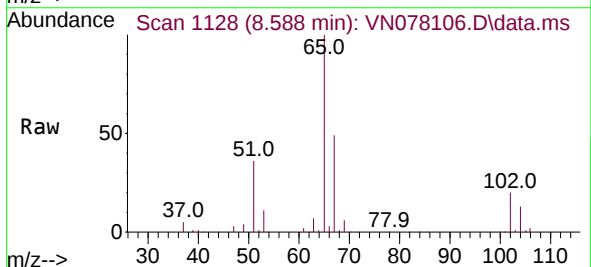
Instrument :
MSVOA_N
ClientSampleId :
TB

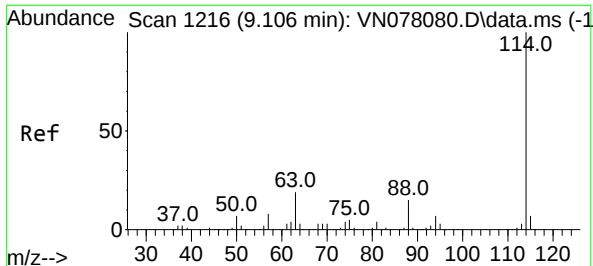
Tgt Ion:168 Resp: 387319
Ion Ratio Lower Upper
168 100
99 57.8 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 50.552 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078106.D
Acq: 07 Jun 2023 16:15

Tgt Ion: 65 Resp: 261060
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078106.D

Acq: 07 Jun 2023 16:15

Instrument :

MSVOA_N

ClientSampleId :

TB

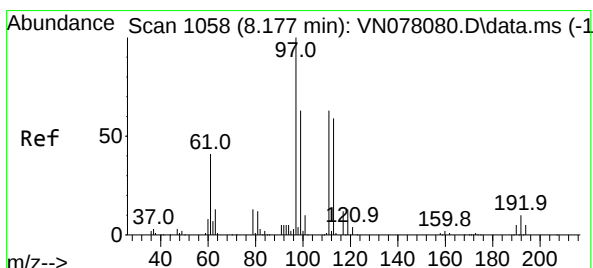
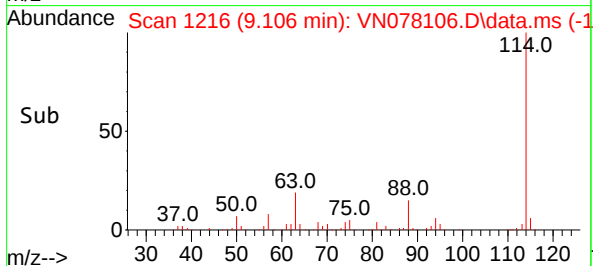
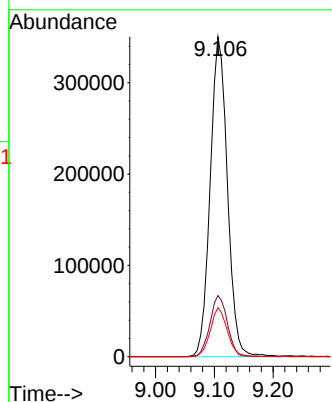
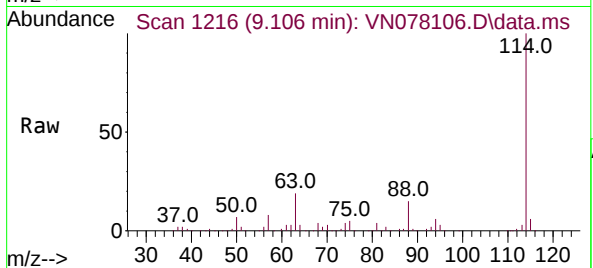
Tgt Ion:114 Resp: 712119

Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.4

88 15.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.796 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078106.D

Acq: 07 Jun 2023 16:15

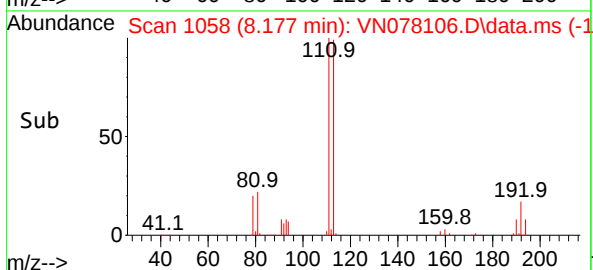
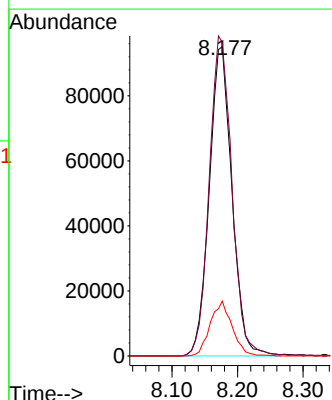
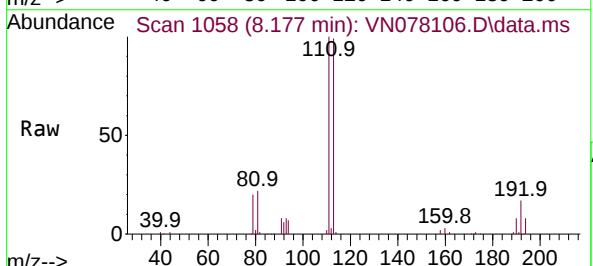
Tgt Ion:113 Resp: 228718

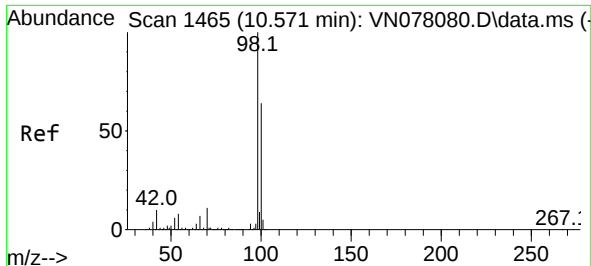
Ion Ratio Lower Upper

113 100

111 103.3 82.6 123.8

192 17.2 12.7 19.1

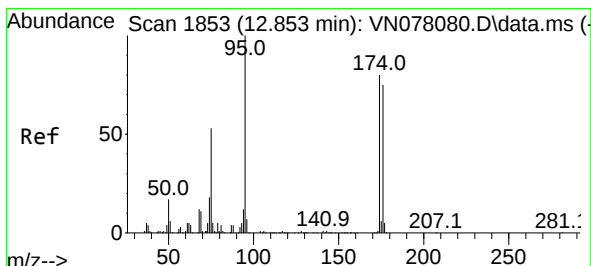
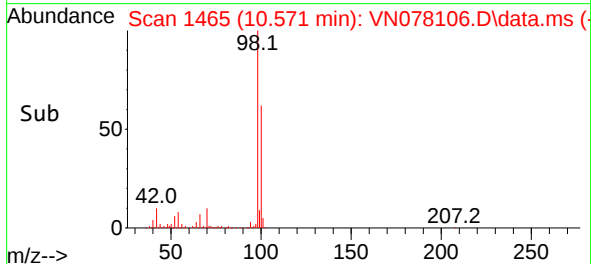
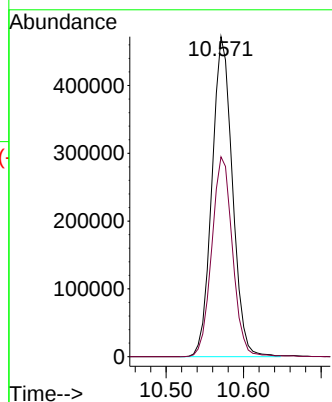
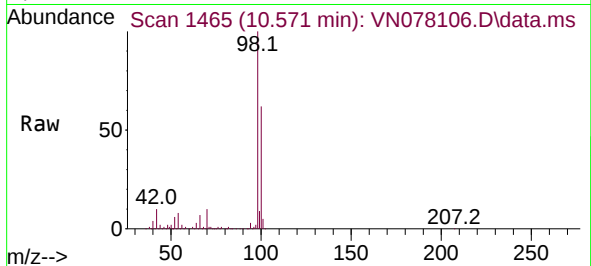




#50
Toluene-d8
Concen: 50.002 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078106.D
Acq: 07 Jun 2023 16:15

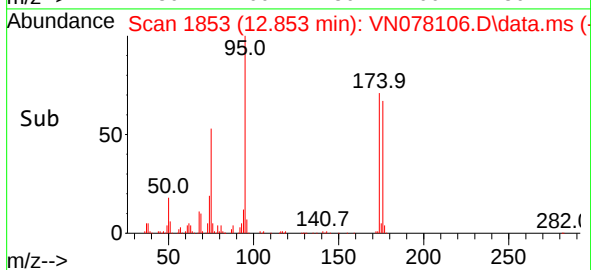
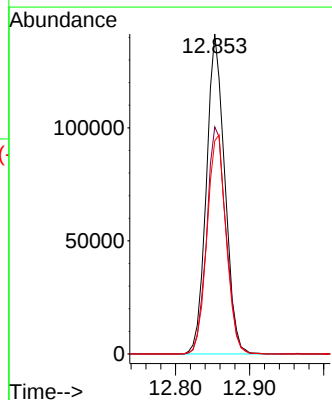
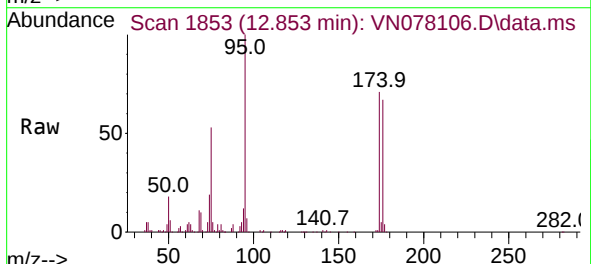
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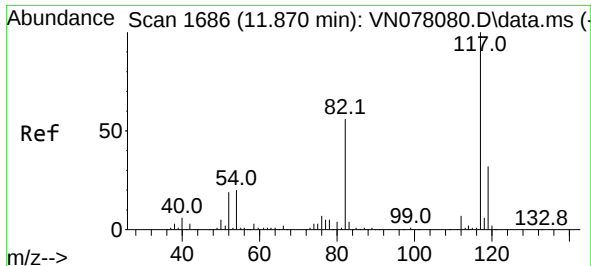
Tgt Ion: 98 Resp: 867936
Ion Ratio Lower Upper
98 100
100 63.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.152 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078106.D
Acq: 07 Jun 2023 16:15

Tgt Ion: 95 Resp: 243652
Ion Ratio Lower Upper
95 100
174 74.3 0.0 143.8
176 71.2 0.0 135.8

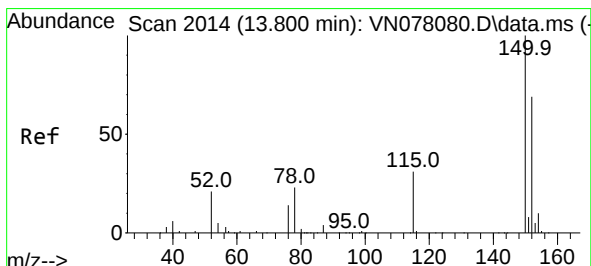
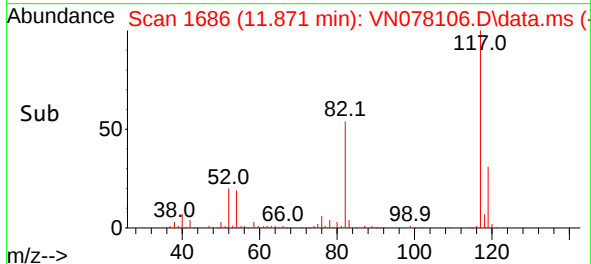
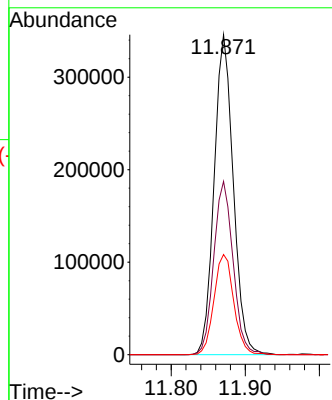
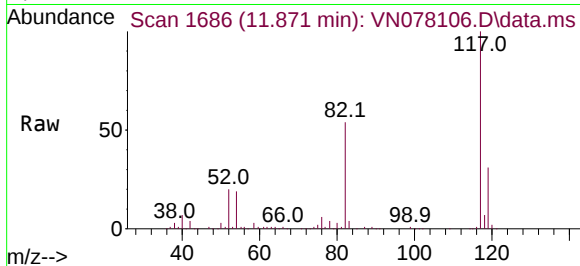




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078106.D
Acq: 07 Jun 2023 16:15

Instrument :
MSVOA_N
ClientSampleId :
TB

Tgt Ion:117 Resp: 620087
Ion Ratio Lower Upper
117 100
82 54.1 44.0 66.0
119 31.3 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078106.D
Acq: 07 Jun 2023 16:15

Tgt Ion:152 Resp: 176234
Ion Ratio Lower Upper
152 100
115 61.4 32.3 96.8
150 158.3 0.0 355.8

