

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062223\
 Data File : VN078352.D
 Acq On : 22 Jun 2023 16:04
 Operator : JC\MD
 Sample : 03378-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-062123

Quant Time: Jun 23 08:02:50 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)

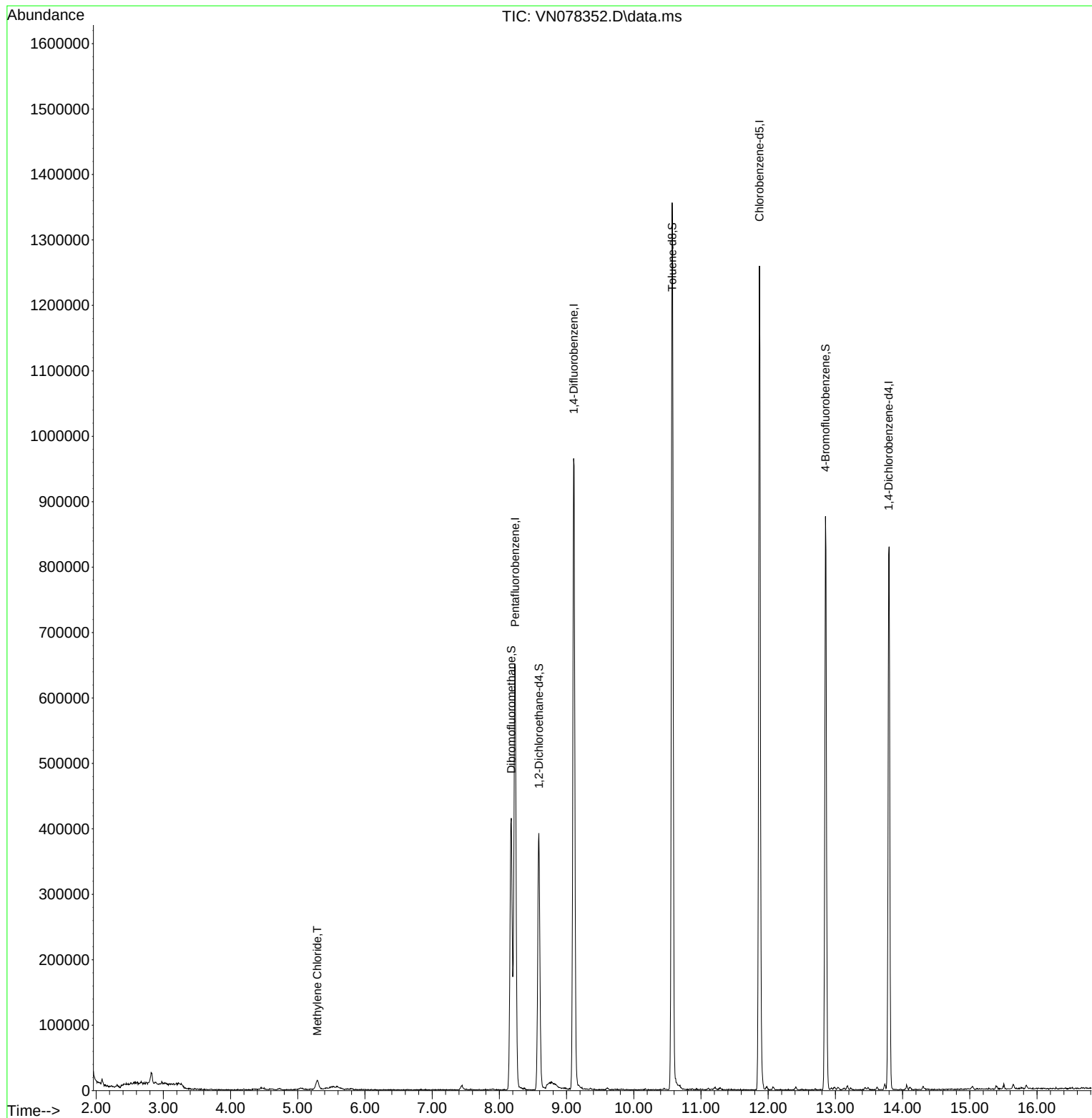
Internal Standards						
1) Pentafluorobenzene	8.236	168	476670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	864484	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	754997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	231909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	320095	50.365	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.740%	
35) Dibromofluoromethane	8.177	113	303598	55.543	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.080%	
50) Toluene-d8	10.571	98	979196	46.469	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 92.940%	
62) 4-Bromofluorobenzene	12.853	95	311417	47.539	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 95.080%	
Target Compounds						Qvalue
20) Methylene Chloride	5.289	84	10562	1.747	ug/l	94

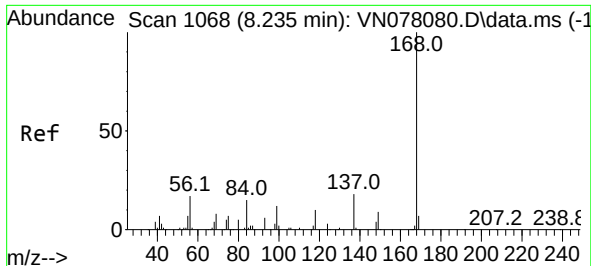
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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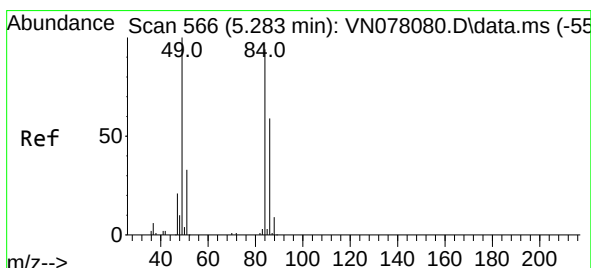
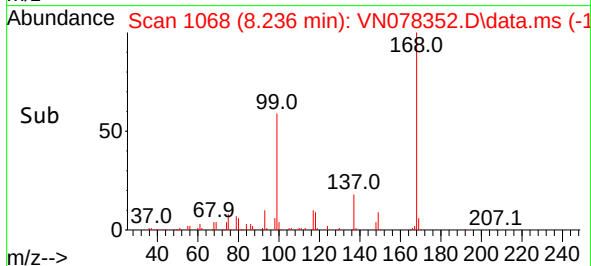
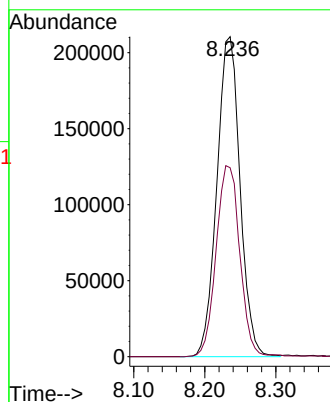
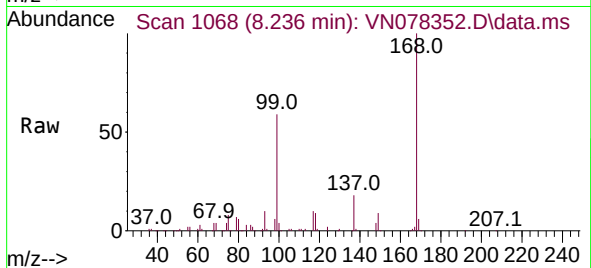




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.001 min
Lab File: VN078352.D
Acq: 22 Jun 2023 16:04

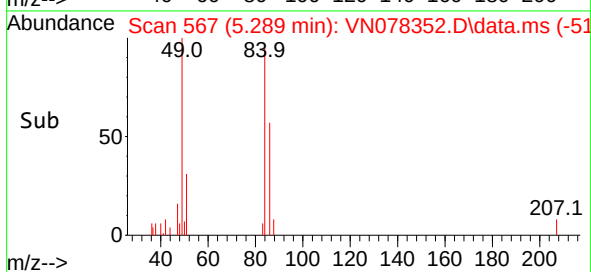
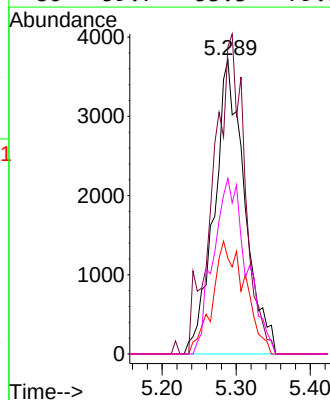
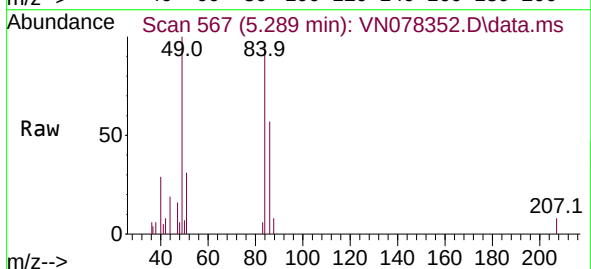
Instrument :
MSVOA_N
ClientSampleId :
TB-01-062123

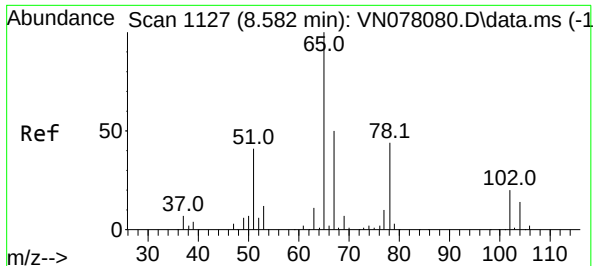
Tgt Ion:168 Resp: 476670
Ion Ratio Lower Upper
168 100
99 59.1 53.0 79.6



#20
Methylene Chloride
Concen: 1.747 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078352.D
Acq: 22 Jun 2023 16:04

Tgt Ion: 84 Resp: 10562
Ion Ratio Lower Upper
84 100
49 104.4 79.7 119.5
51 32.5 25.2 37.8
86 59.7 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 50.365 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078352.D

Acq: 22 Jun 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

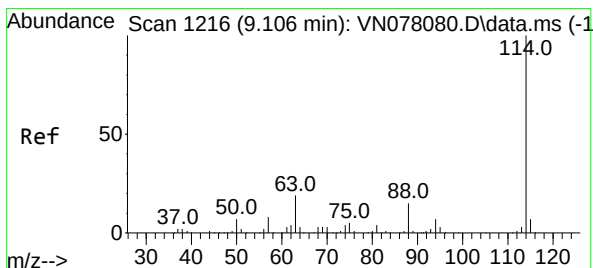
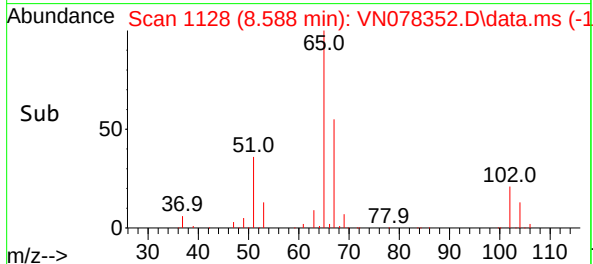
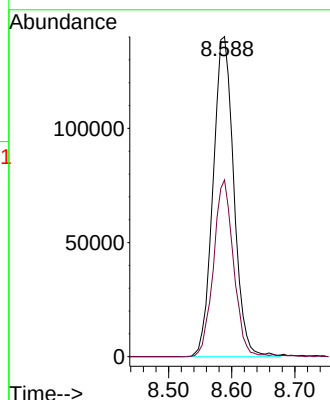
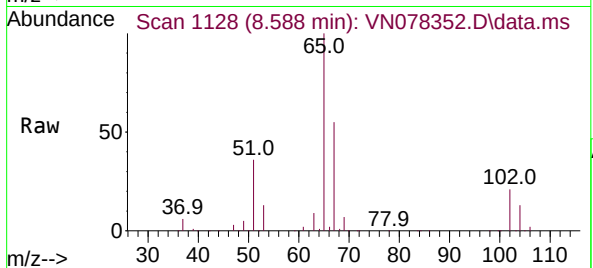
TB-01-062123

Tgt Ion: 65 Resp: 320095

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# 1216

Delta R.T. 0.000 min

Lab File: VN078352.D

Acq: 22 Jun 2023 16:04

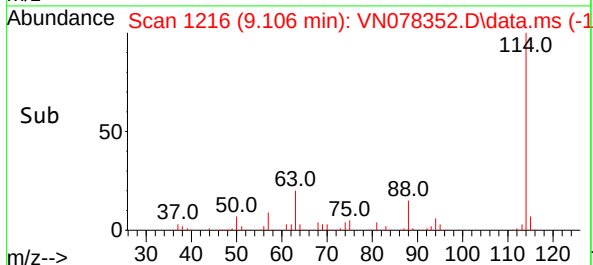
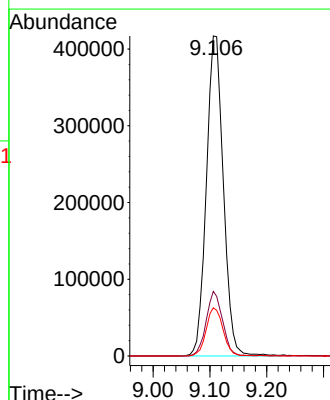
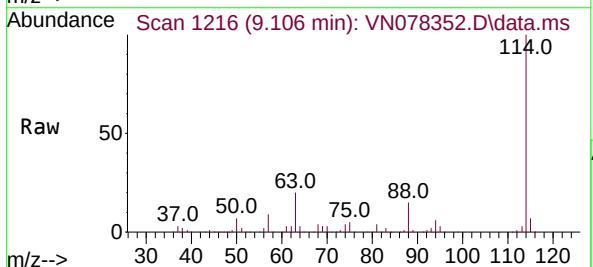
Tgt Ion: 114 Resp: 864484

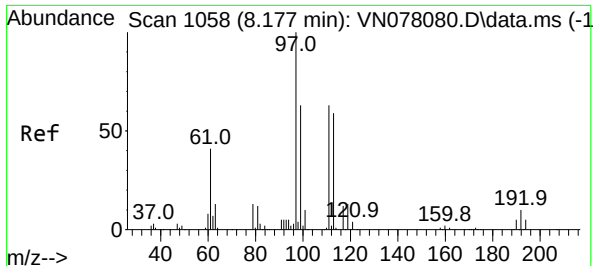
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.4

88 15.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.543 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078352.D

Acq: 22 Jun 2023 16:04

Instrument :

MSVOA_N

ClientSampleId :

TB-01-062123

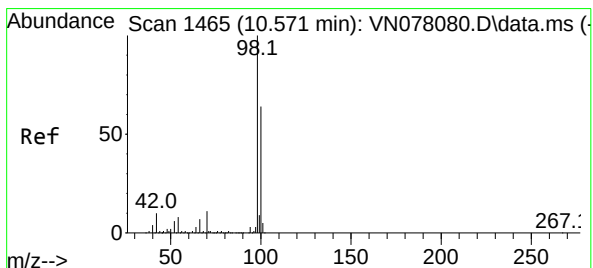
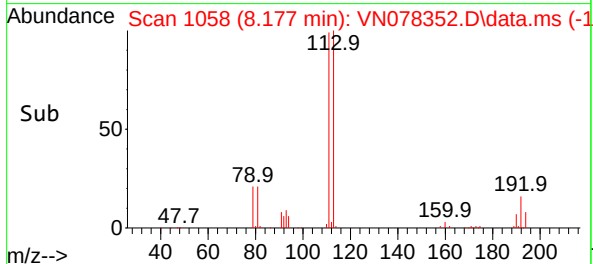
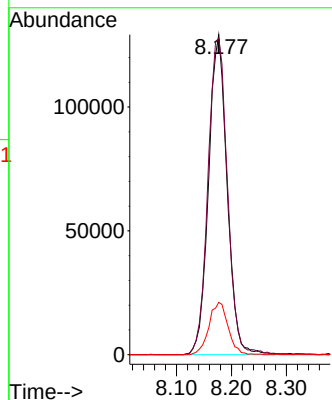
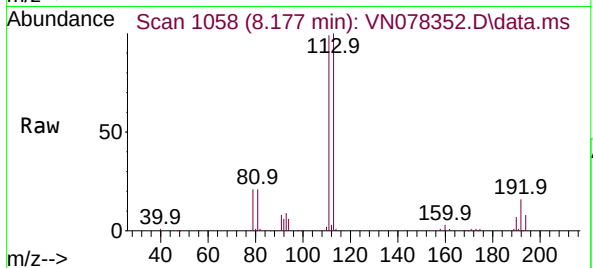
Tgt Ion:113 Resp: 303598

Ion Ratio Lower Upper

113 100

111 103.8 82.6 123.8

192 16.9 12.7 19.1



#50

Toluene-d8

Concen: 46.469 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078352.D

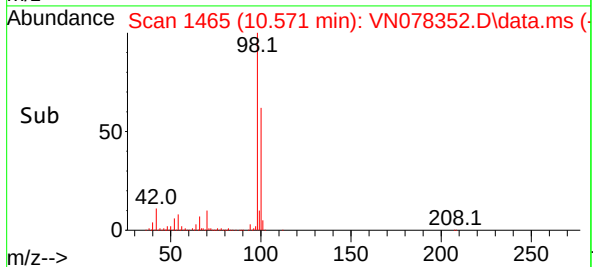
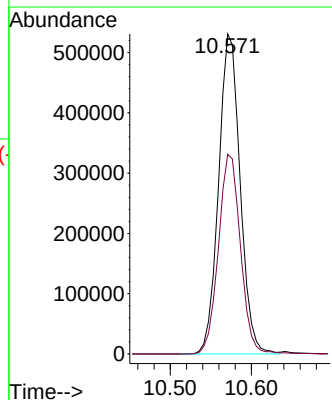
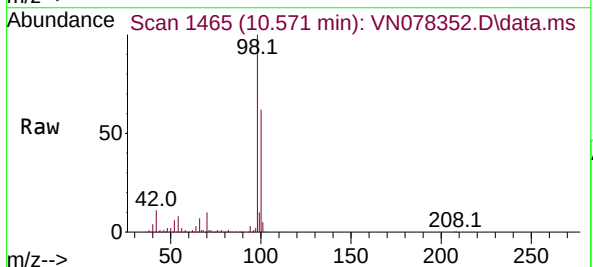
Acq: 22 Jun 2023 16:04

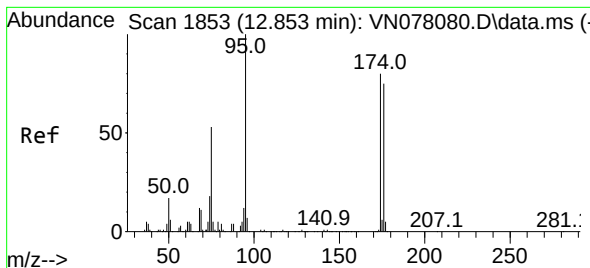
Tgt Ion: 98 Resp: 979196

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0

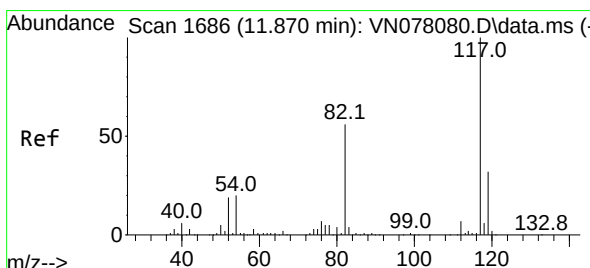
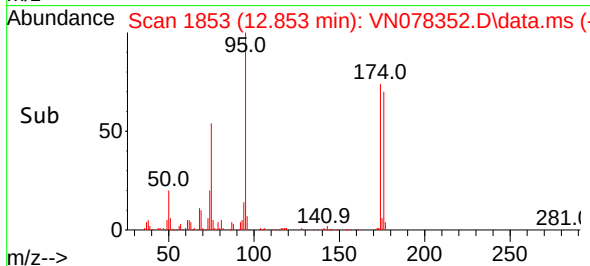
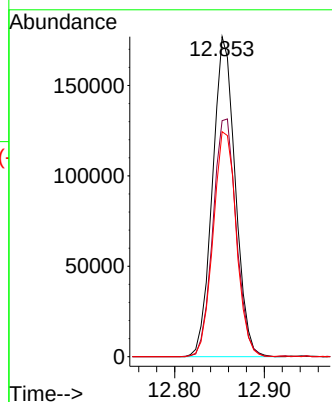
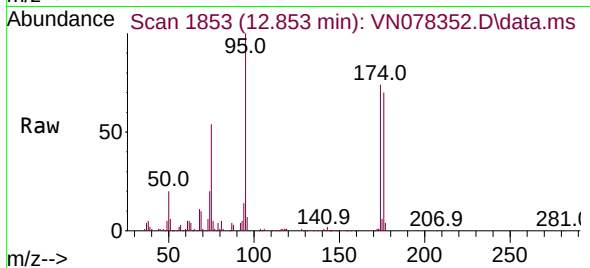




#62
4-Bromofluorobenzene
Concen: 47.539 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078352.D
Acq: 22 Jun 2023 16:04

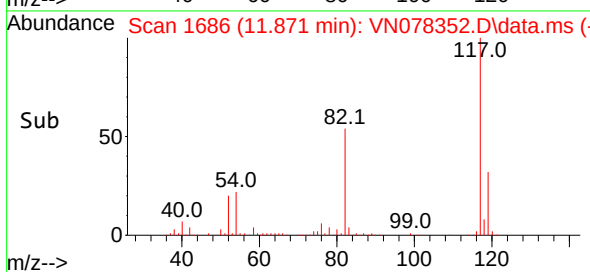
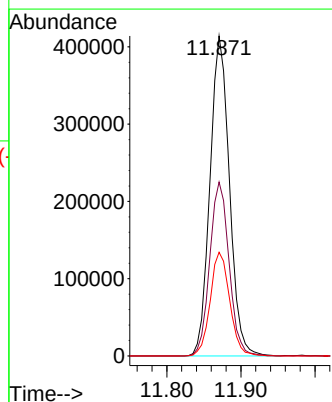
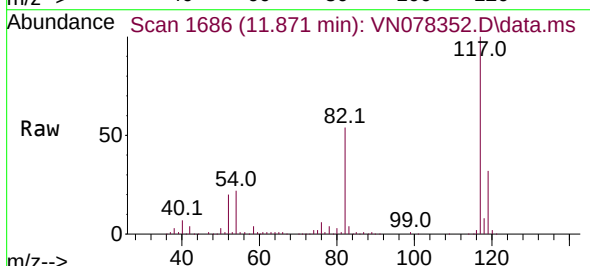
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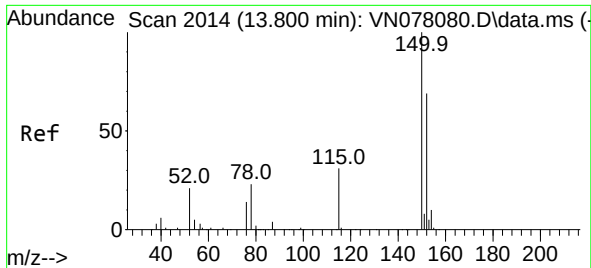
Tgt Ion: 95 Resp: 311417
Ion Ratio Lower Upper
95 100
174 76.3 0.0 143.8
176 71.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078352.D
Acq: 22 Jun 2023 16:04

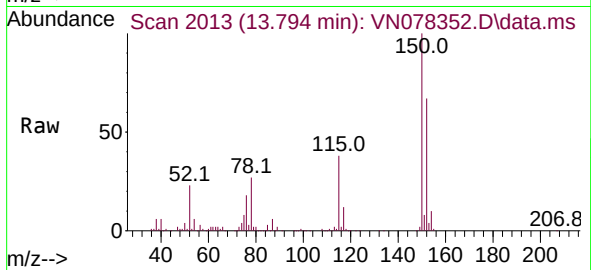
Tgt Ion: 117 Resp: 754997
Ion Ratio Lower Upper
117 100
82 54.3 44.0 66.0
119 32.4 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN078352.D
 Acq: 22 Jun 2023 16:04

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-062123



Tgt Ion:152 Resp: 231909
 Ion Ratio Lower Upper
 152 100
 115 60.6 32.3 96.8
 150 156.3 0.0 355.8

