

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060723\
 Data File : VN078103.D
 Acq On : 07 Jun 2023 15:04
 Operator : JC\MD
 Sample : 03037-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-2

Quant Time: Jun 08 05:28:26 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)

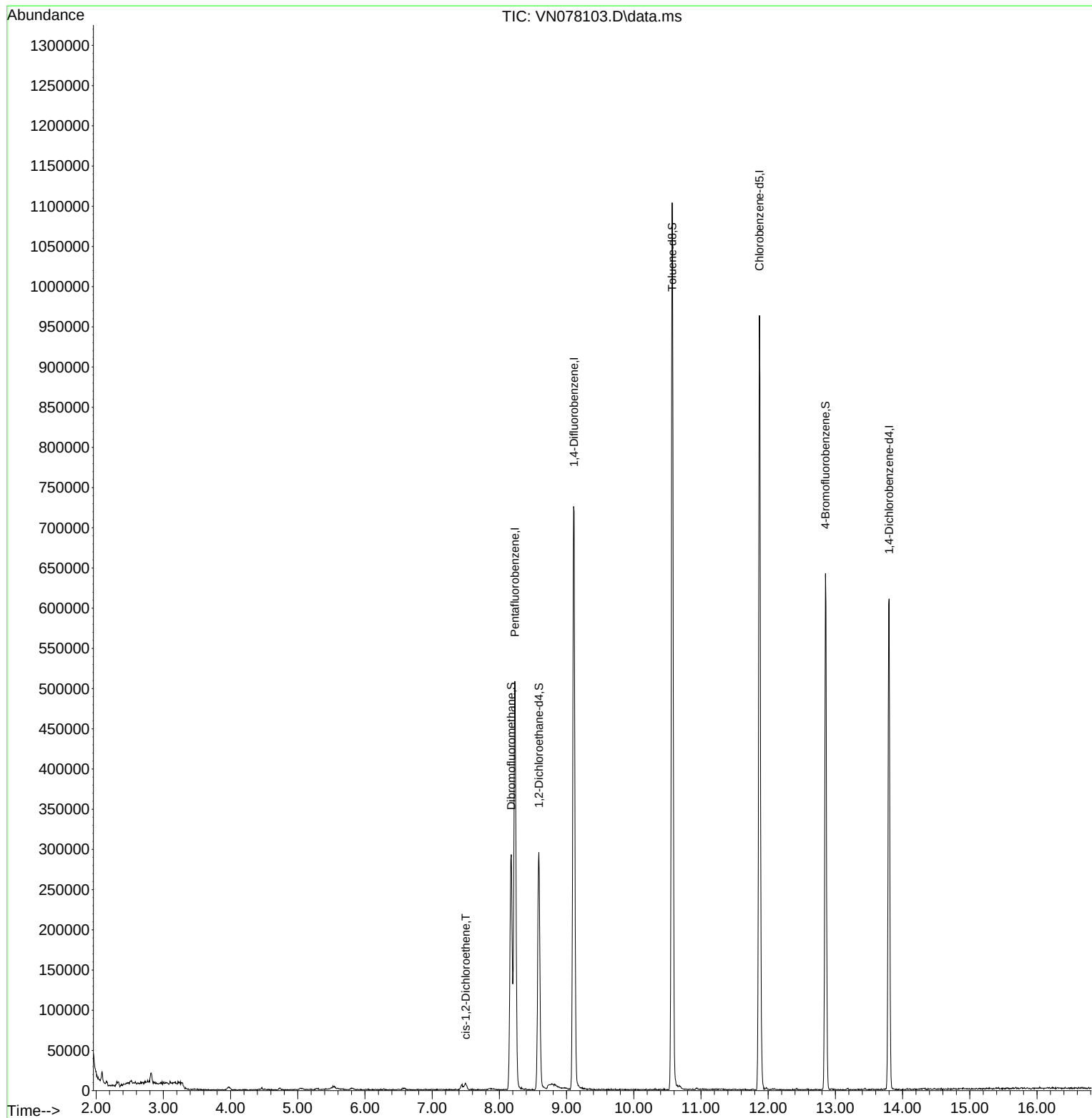
Internal Standards						
1) Pentafluorobenzene	8.229	168	362455	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	676254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	578893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	168222	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	253719	52.501	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.000%
35) Dibromofluoromethane	8.177	113	219252	51.277	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.560%
50) Toluene-d8	10.571	98	809093	49.084	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.160%
62) 4-Bromofluorobenzene	12.853	95	227750	44.444	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.880%
Target Compounds						
27) cis-1,2-Dichloroethene	7.500	96	5238	1.029	ug/l	Qvalue 82

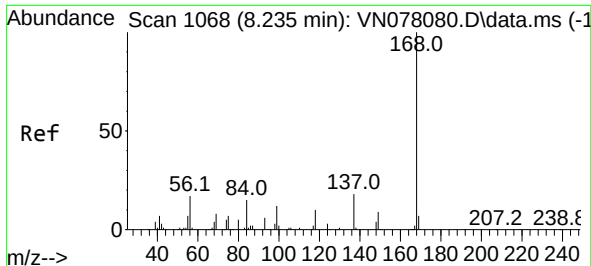
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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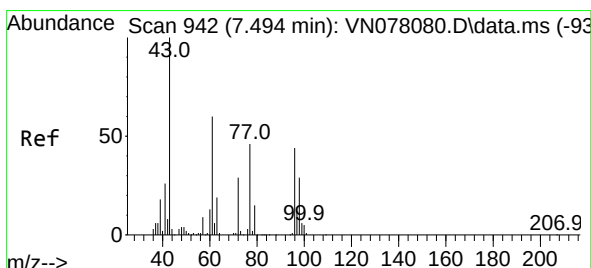
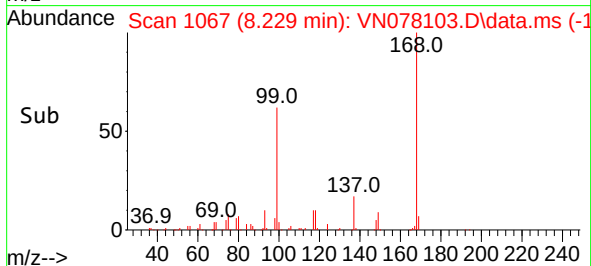
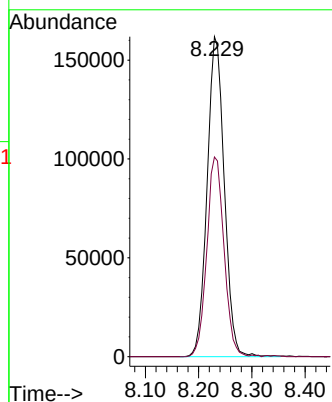
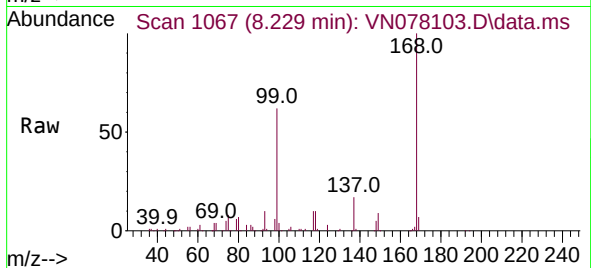




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078103.D
Acq: 07 Jun 2023 15:04

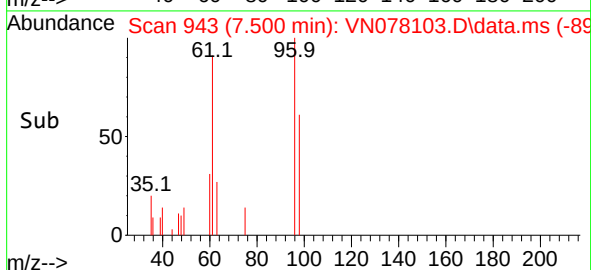
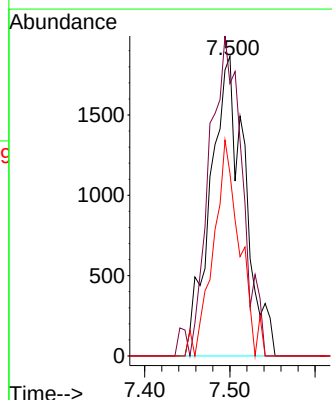
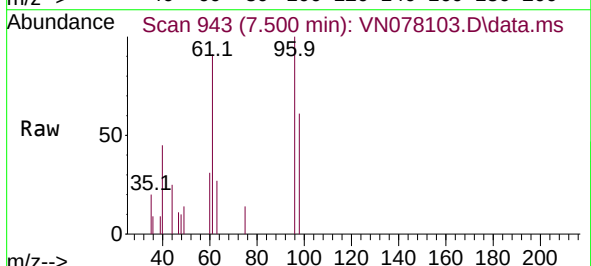
Instrument :
MSVOA_N
ClientSampleId :
MW-2

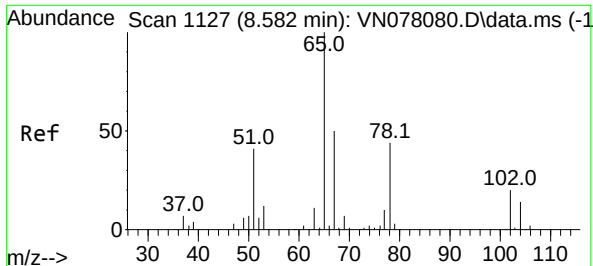
Tgt Ion:168 Resp: 362455
Ion Ratio Lower Upper
168 100
99 62.4 53.0 79.6



#27
cis-1,2-Dichloroethene
Concen: 1.029 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078103.D
Acq: 07 Jun 2023 15:04

Tgt Ion: 96 Resp: 5238
Ion Ratio Lower Upper
96 100
61 103.2 0.0 255.2
98 55.0 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 52.501 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078103.D

Acq: 07 Jun 2023 15:04

Instrument :

MSVOA_N

ClientSampleId :

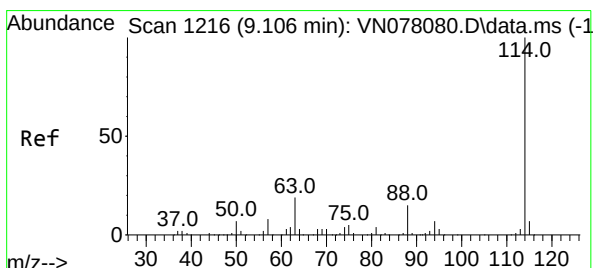
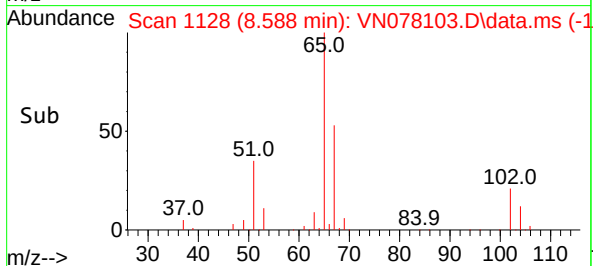
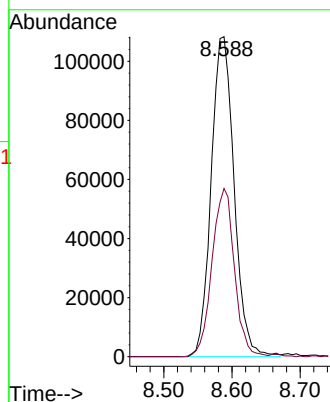
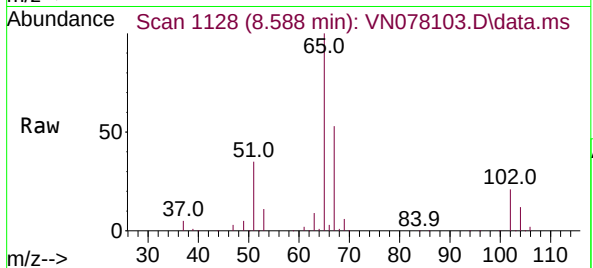
MW-2

Tgt Ion: 65 Resp: 253719

Ion Ratio Lower Upper

65 100

67 51.2 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078103.D

Acq: 07 Jun 2023 15:04

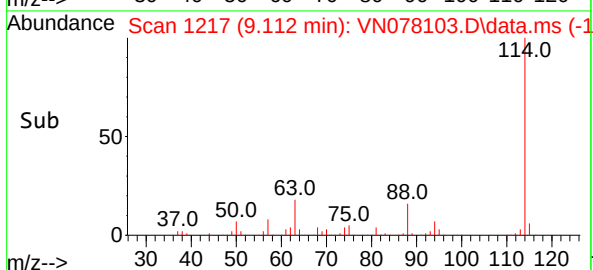
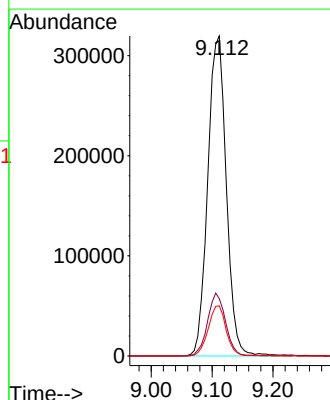
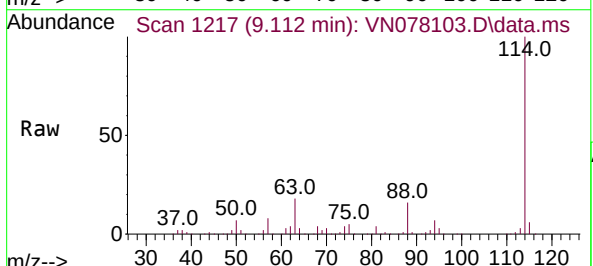
Tgt Ion: 114 Resp: 676254

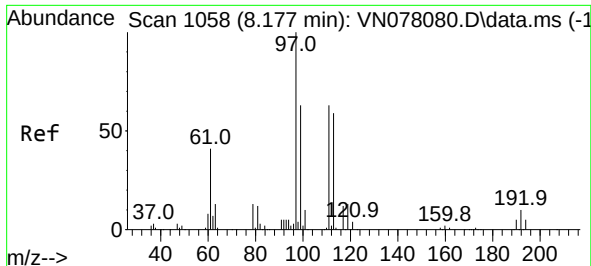
Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.4

88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 51.277 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078103.D

Acq: 07 Jun 2023 15:04

Instrument :

MSVOA_N

ClientSampleId :

MW-2

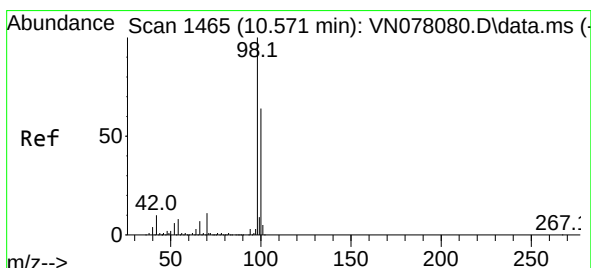
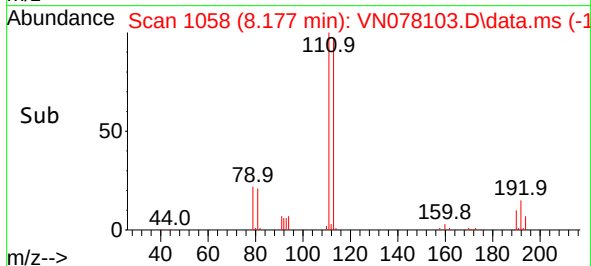
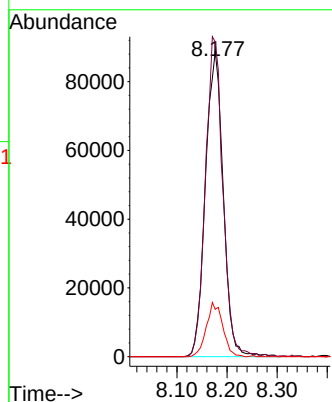
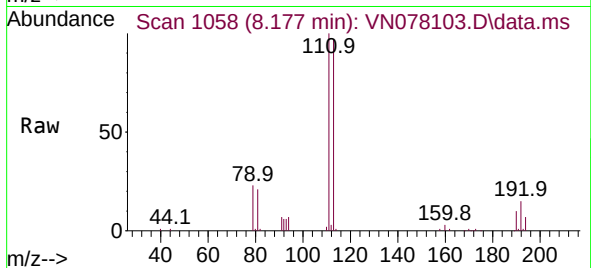
Tgt Ion:113 Resp: 219252

Ion Ratio Lower Upper

113 100

111 102.2 82.6 123.8

192 16.4 12.7 19.1



#50

Toluene-d8

Concen: 49.084 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078103.D

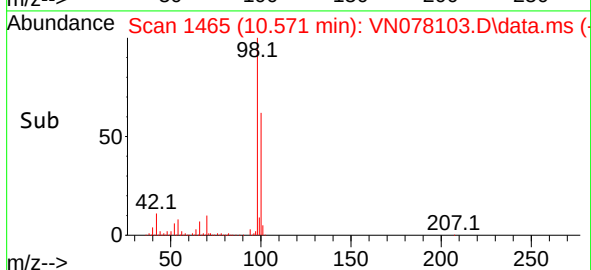
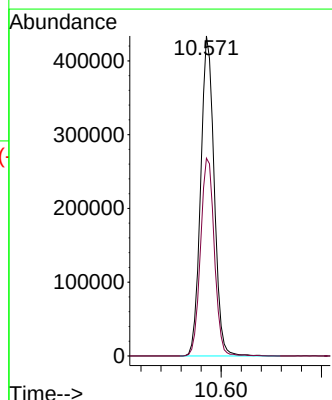
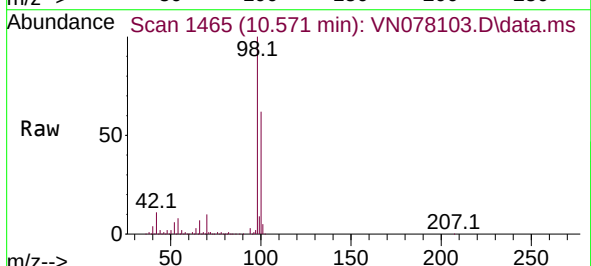
Acq: 07 Jun 2023 15:04

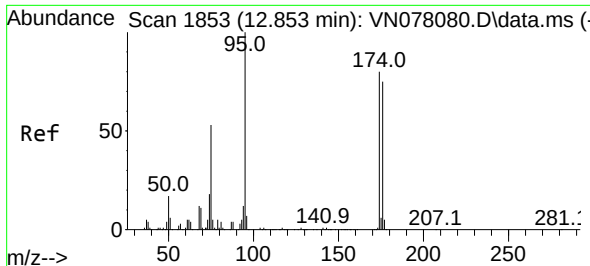
Tgt Ion: 98 Resp: 809093

Ion Ratio Lower Upper

98 100

100 63.3 52.0 78.0

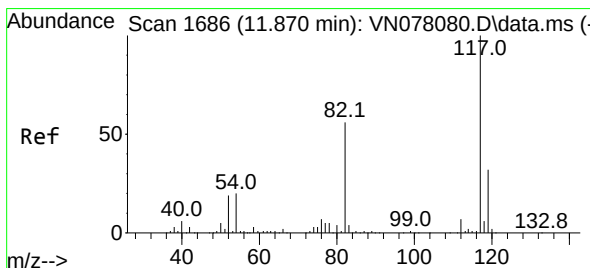
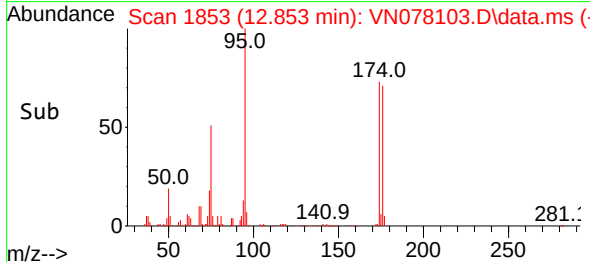
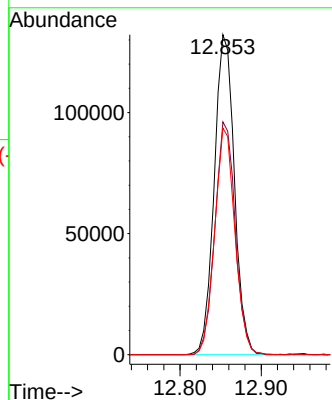
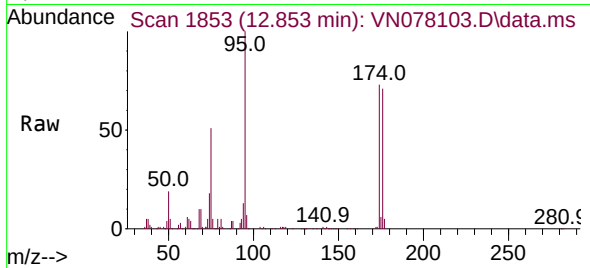




#62
4-Bromofluorobenzene
Concen: 44.444 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078103.D
Acq: 07 Jun 2023 15:04

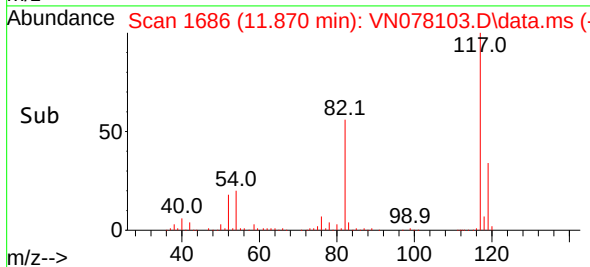
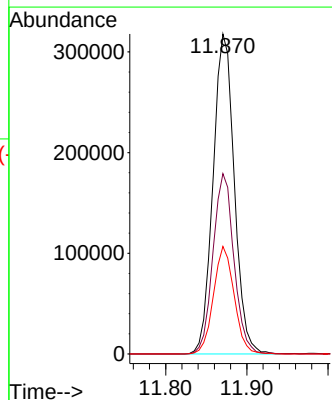
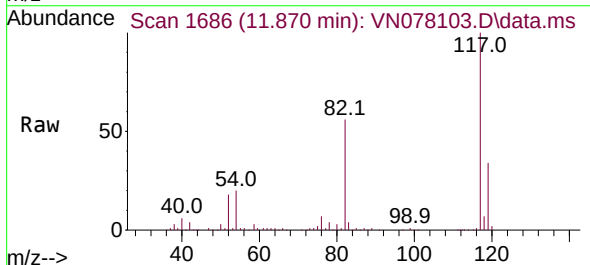
Instrument :
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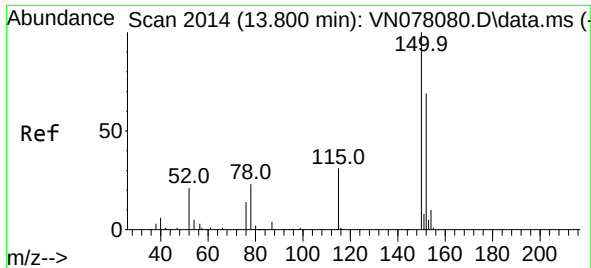
Tgt Ion: 95 Resp: 227750
Ion Ratio Lower Upper
95 100
174 73.5 0.0 143.8
176 71.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078103.D
Acq: 07 Jun 2023 15:04

Tgt Ion: 117 Resp: 578893
Ion Ratio Lower Upper
117 100
82 56.4 44.0 66.0
119 33.6 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 20

Delta R.T. -0.000 min

Lab File: VN078103.D

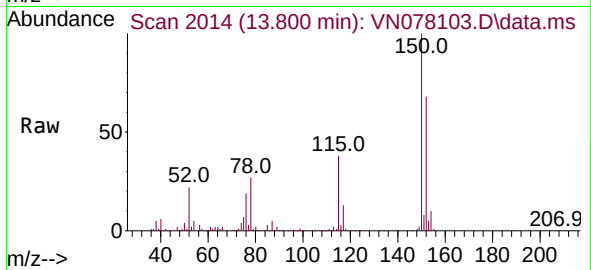
Acq: 07 Jun 2023 15:04

Instrument :

MSVOA_N

ClientSampleId :

MW-2



Tgt Ion:152 Resp: 168222

Ion Ratio Lower Upper

152 100

115 60.9 32.3 96.8

150 156.0 0.0 355.8

