

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112023\
 Data File : VN080203.D
 Acq On : 20 Nov 2023 13:25
 Operator : JC\MD
 Sample : 05481-02 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-AQ

Quant Time: Nov 21 01:03:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

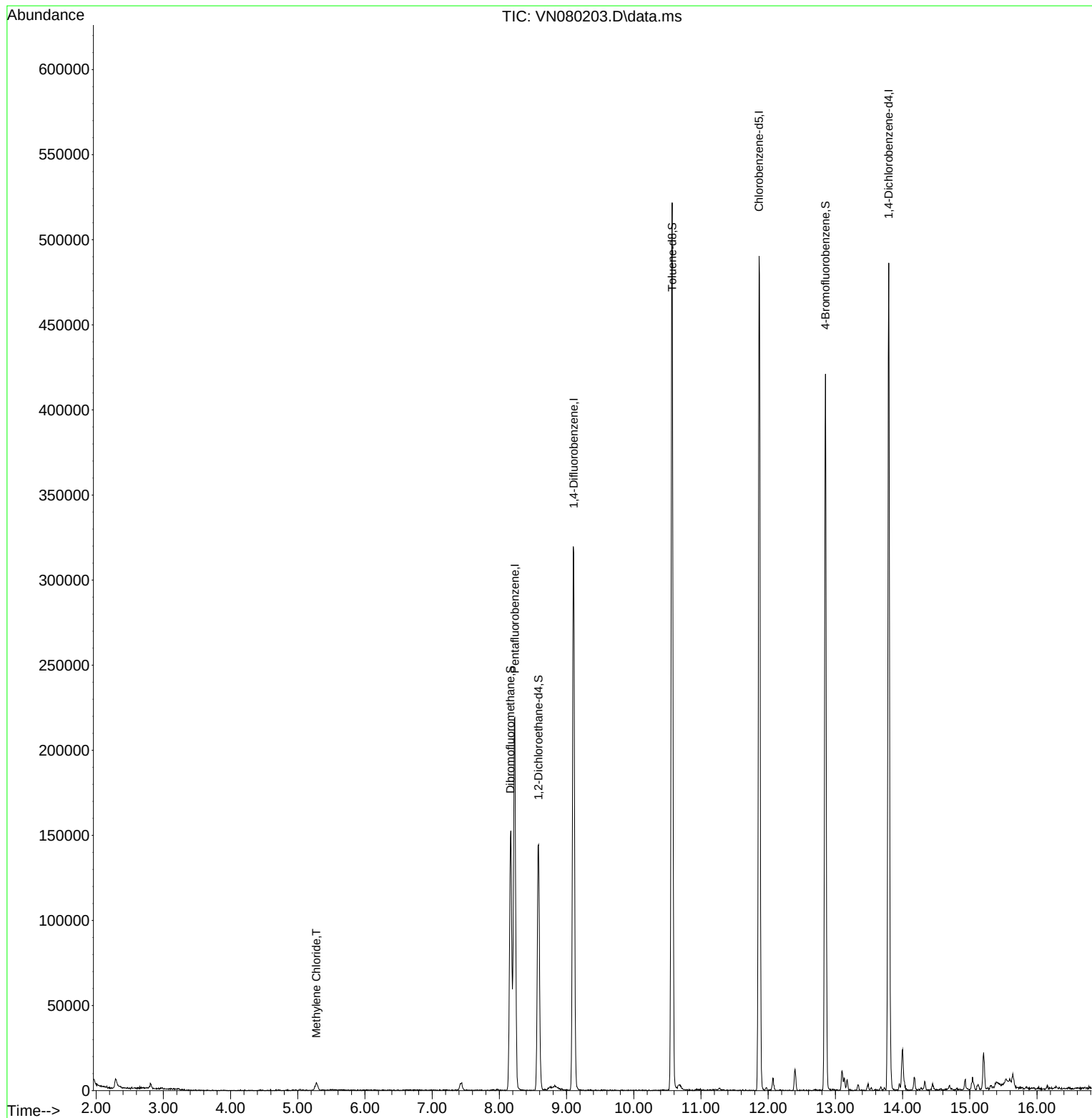
Internal Standards						
1) Pentafluorobenzene	8.229	168	145997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	268674	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	282756	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129176	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	137391	56.994	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.980%
35) Dibromofluoromethane	8.165	113	104236	52.579	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.160%
50) Toluene-d8	10.570	98	355217	49.706	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.420%
62) 4-Bromofluorobenzene	12.853	95	137135	50.804	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.600%
Target Compounds						Qvalue
20) Methylene Chloride	5.277	84	3283	1.936	ug/l	92

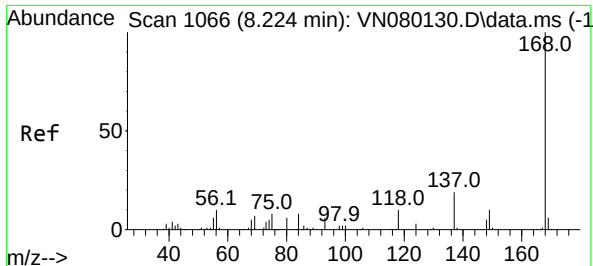
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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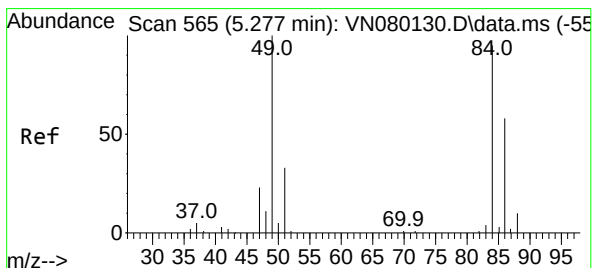
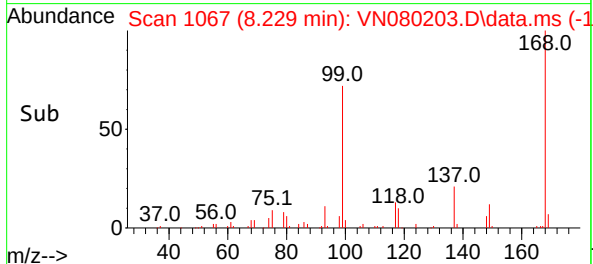
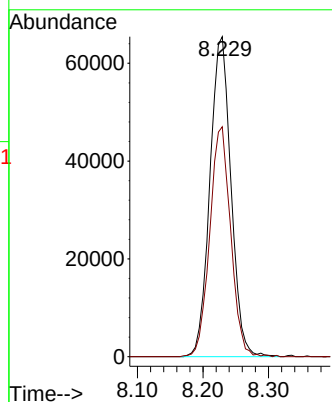
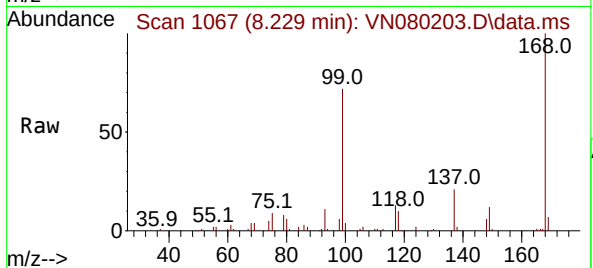




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1066
Delta R.T. 0.005 min
Lab File: VN080203.D
Acq: 20 Nov 2023 13:25

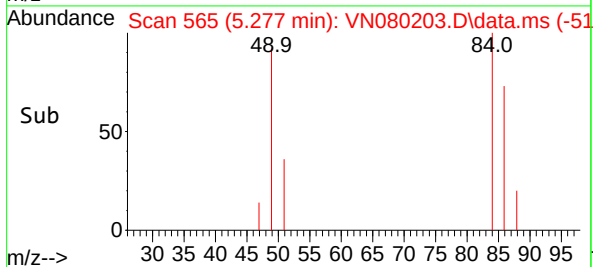
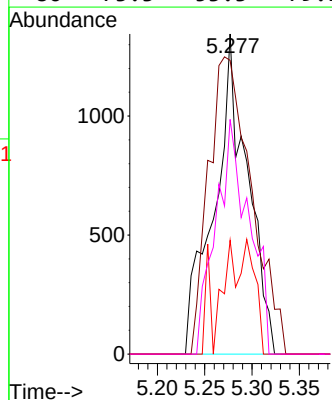
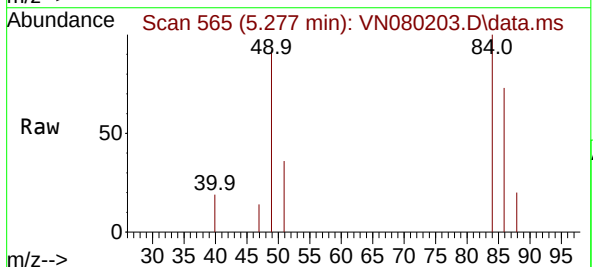
Instrument :
MSVOA_N
ClientSampleId :
COMP-AQ

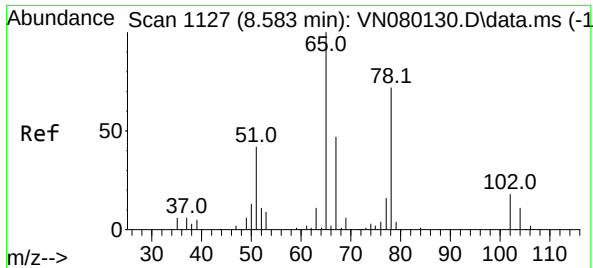
Tgt Ion:168 Resp: 145997
Ion Ratio Lower Upper
168 100
99 71.8 53.0 79.6



#20
Methylene Chloride
Concen: 1.936 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.000 min
Lab File: VN080203.D
Acq: 20 Nov 2023 13:25

Tgt Ion: 84 Resp: 3283
Ion Ratio Lower Upper
84 100
49 91.7 79.7 119.5
51 35.5 25.2 37.8
86 73.3 53.3 79.9





#33

1,2-Dichloroethane-d4

Concen: 56.994 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN080203.D

Acq: 20 Nov 2023 13:25

Instrument :

MSVOA_N

ClientSampleId :

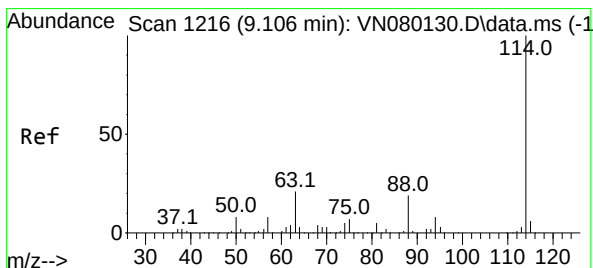
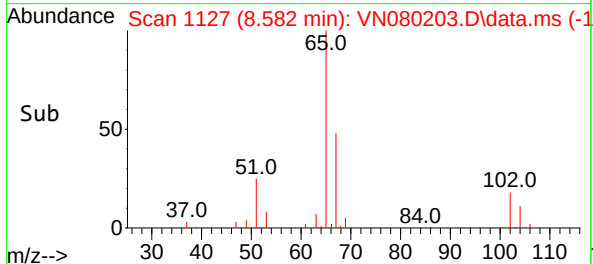
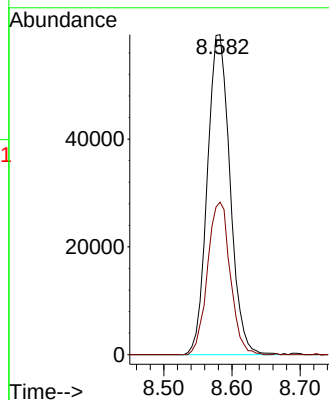
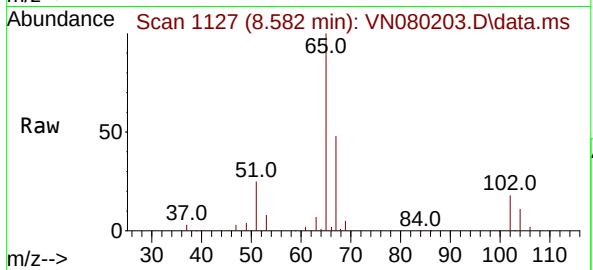
COMP-AQ

Tgt Ion: 65 Resp: 137391

Ion Ratio Lower Upper

65 100

67 47.8 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: VN080203.D

Acq: 20 Nov 2023 13:25

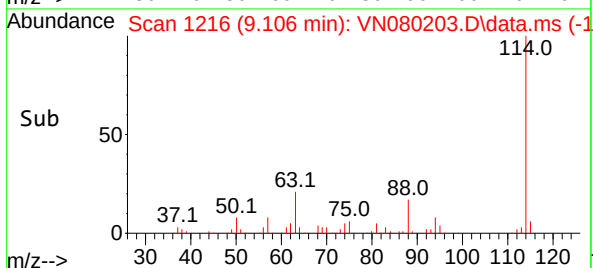
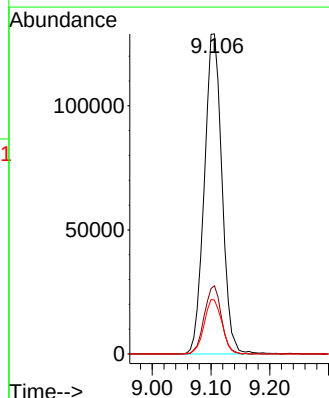
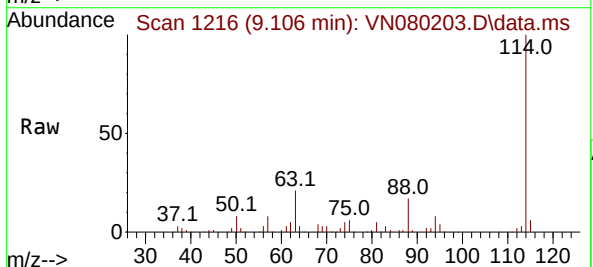
Tgt Ion: 114 Resp: 268674

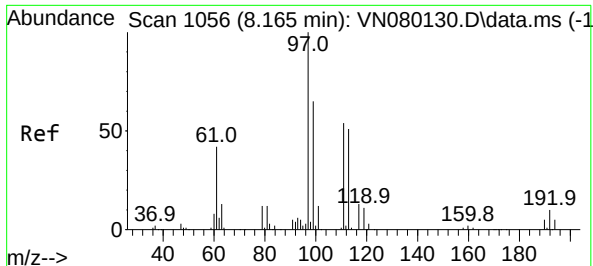
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 16.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 52.579 ug/l

RT: 8.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN080203.D

Acq: 20 Nov 2023 13:25

Instrument :

MSVOA_N

ClientSampleId :

COMP-AQ

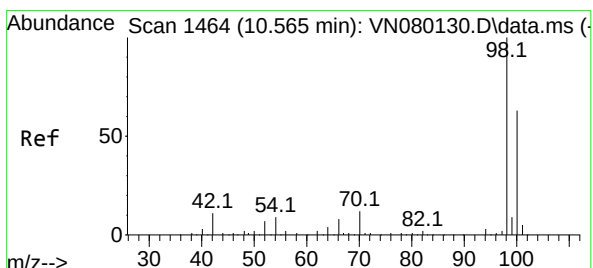
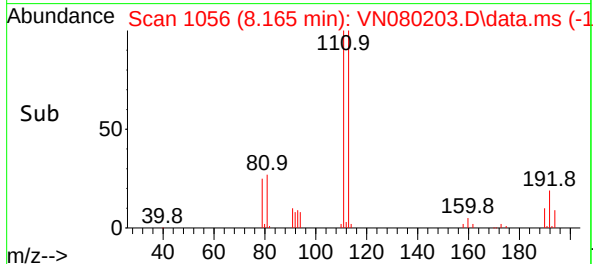
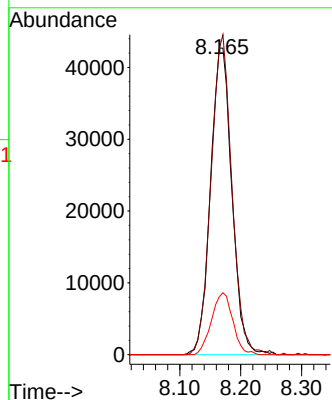
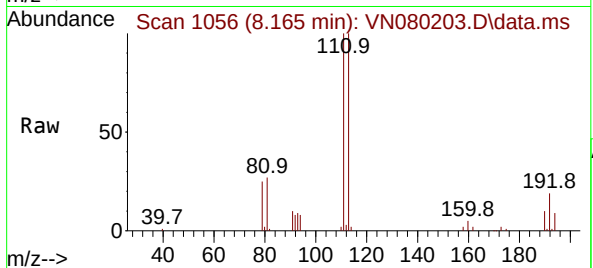
Tgt Ion:113 Resp: 104236

Ion Ratio Lower Upper

113 100

111 101.8 82.6 123.8

192 20.1 12.7 19.1#



#50

Toluene-d8

Concen: 49.706 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080203.D

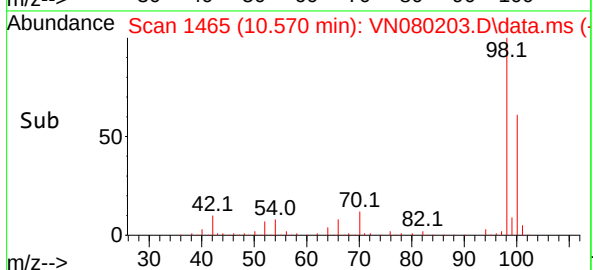
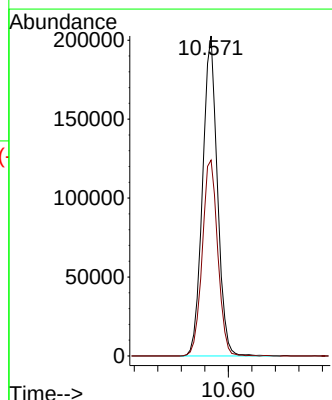
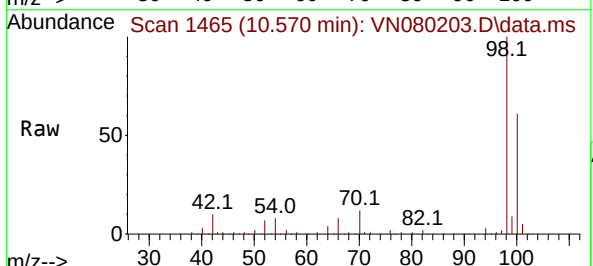
Acq: 20 Nov 2023 13:25

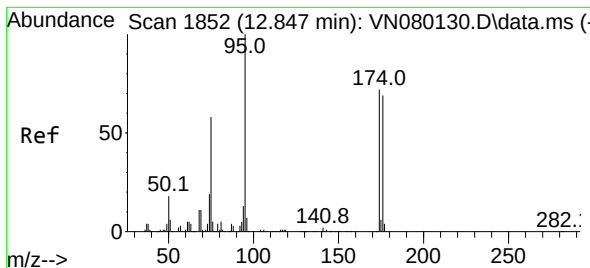
Tgt Ion: 98 Resp: 355217

Ion Ratio Lower Upper

98 100

100 63.9 52.0 78.0

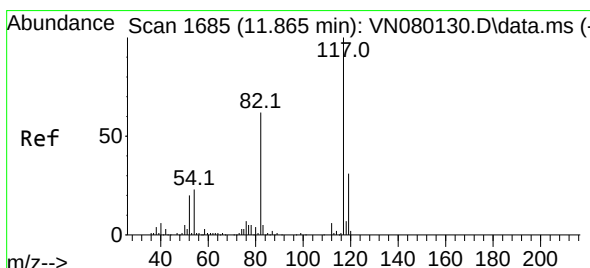
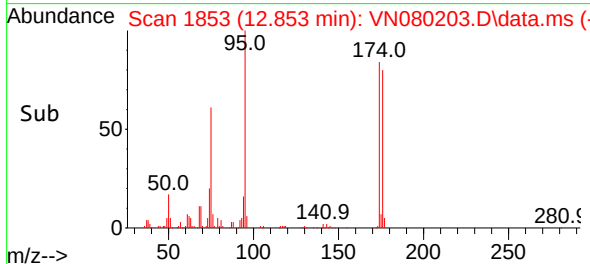
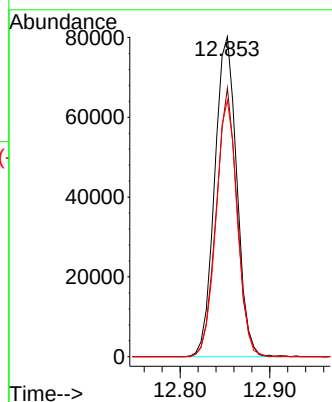
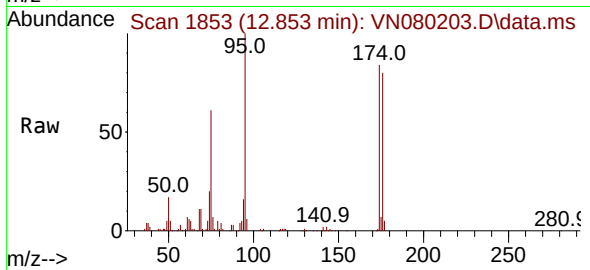




#62
4-Bromofluorobenzene
Concen: 50.804 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN080203.D
Acq: 20 Nov 2023 13:25

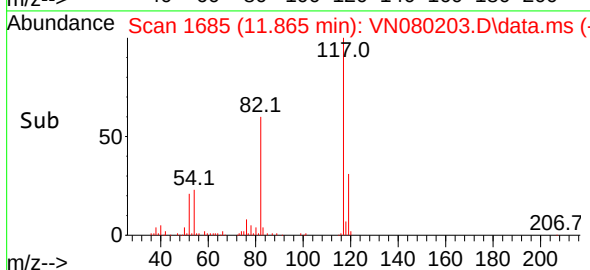
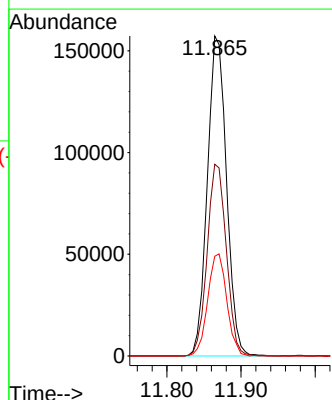
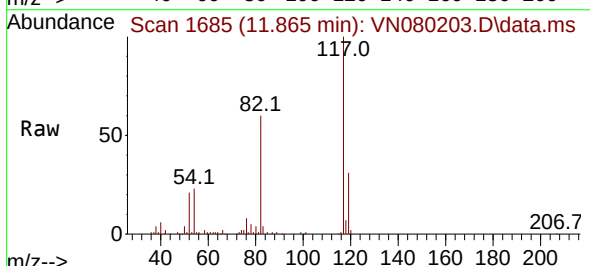
Instrument :
MSVOA_N
ClientSampleId :
COMP-AQ

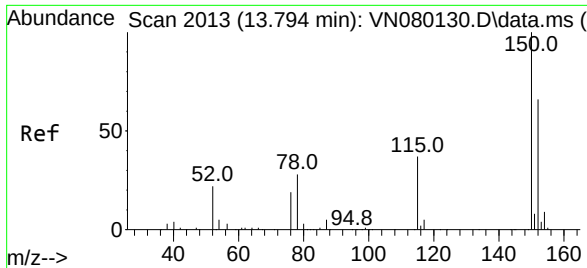
Tgt Ion: 95 Resp: 137135
Ion Ratio Lower Upper
95 100
174 79.3 0.0 143.8
176 77.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN080203.D
Acq: 20 Nov 2023 13:25

Tgt Ion: 117 Resp: 282756
Ion Ratio Lower Upper
117 100
82 59.9 44.0 66.0
119 31.2 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN080203.D
 Acq: 20 Nov 2023 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-AQ

Tgt Ion:152 Resp: 129176
 Ion Ratio Lower Upper
 152 100
 115 65.6 32.3 96.8
 150 155.4 0.0 355.8

