

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020224\
 Data File : VN080882.D
 Acq On : 02 Feb 2024 18:39
 Operator : JC\MD
 Sample : P1365-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-20240201

Quant Time: Feb 02 23:55:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

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

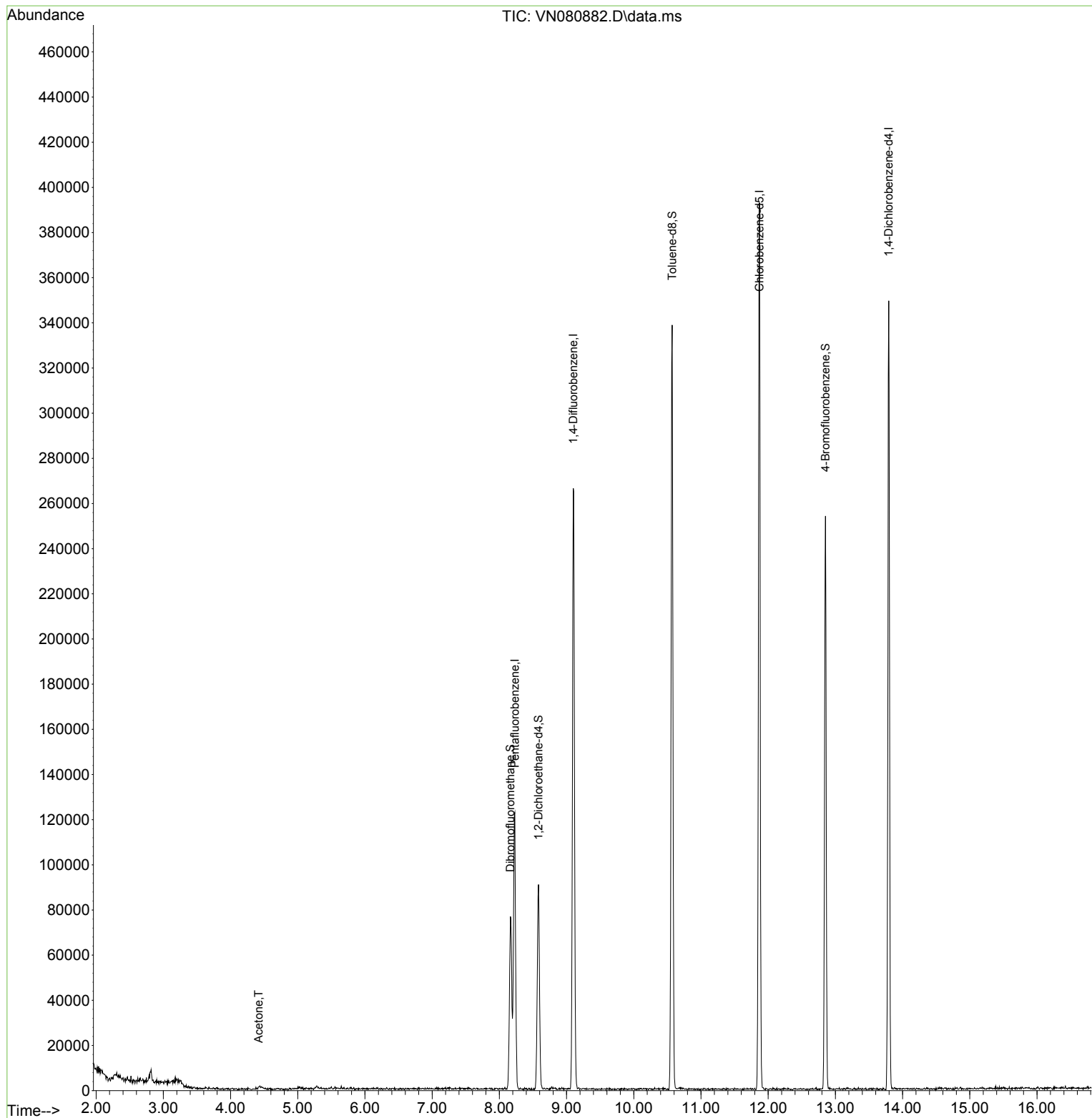
Internal Standards						
1) Pentafluorobenzene	8.230	168	76404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	207035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	196298	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	78246	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	69757	52.775	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	105.560%
35) Dibromofluoromethane	8.165	113	53718	42.410	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	84.820%
50) Toluene-d8	10.571	98	221653	44.710	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.420%
62) 4-Bromofluorobenzene	12.853	95	82400	47.697	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.400%
Target Compounds						
16) Acetone	4.418	43	2195m	4.579	ug/l	Qvalue

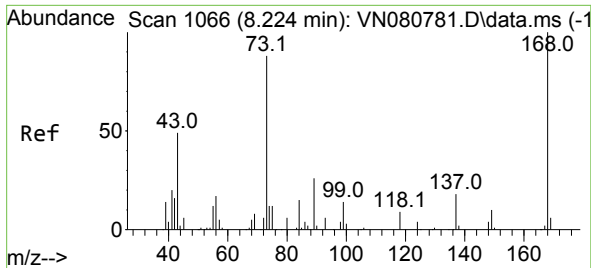
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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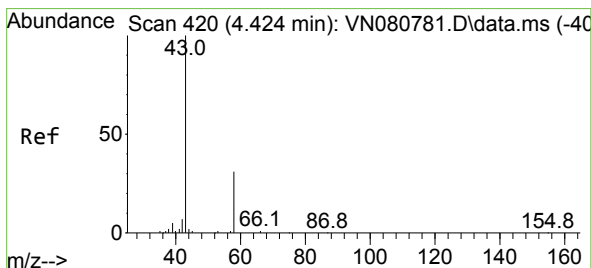
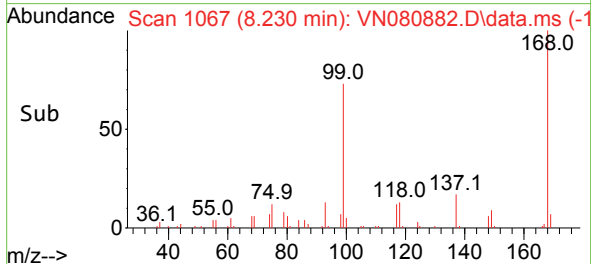
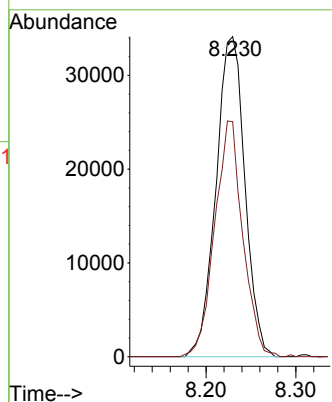
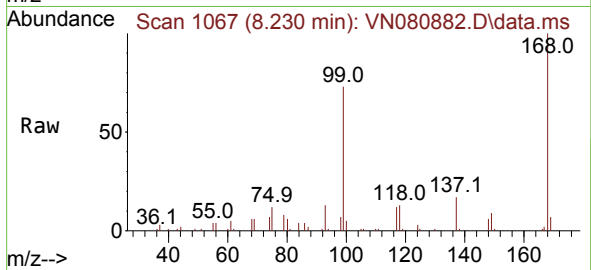




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080882.D
Acq: 02 Feb 2024 18:39

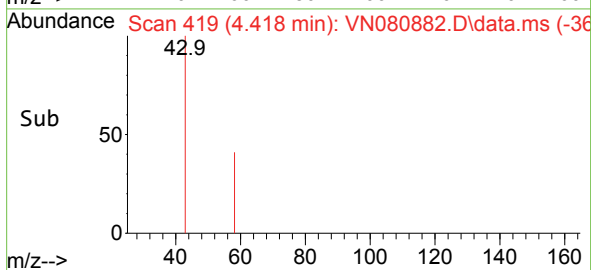
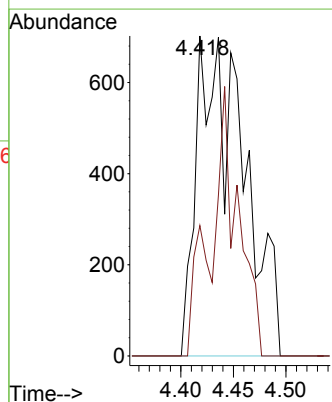
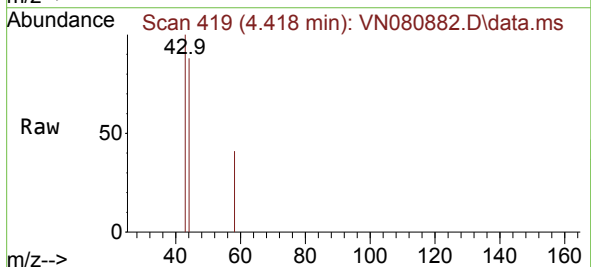
Instrument :
MSVOA_N
ClientSampleId :
FB-20240201

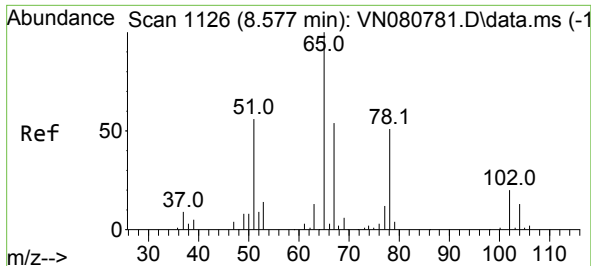
Tgt Ion:168 Resp: 76404
Ion Ratio Lower Upper
168 100
99 73.4 59.9 89.9



#16
Acetone
Concen: 4.579 ug/l m
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN080882.D
Acq: 02 Feb 2024 18:39

Tgt Ion: 43 Resp: 2195
Ion Ratio Lower Upper
43 100
58 40.7 24.8 37.2#





#33

1,2-Dichloroethane-d4

Concen: 52.775 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN080882.D

Acq: 02 Feb 2024 18:39

Instrument :

MSVOA_N

ClientSampleId :

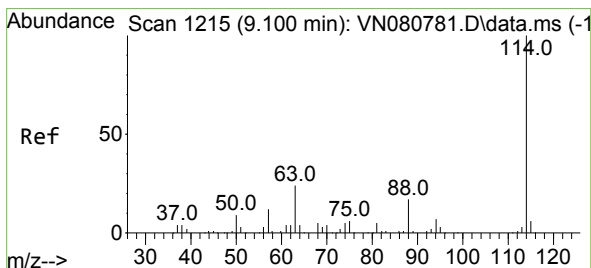
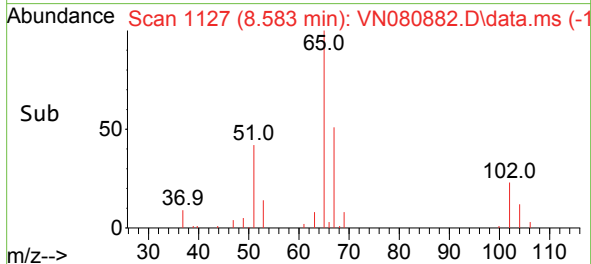
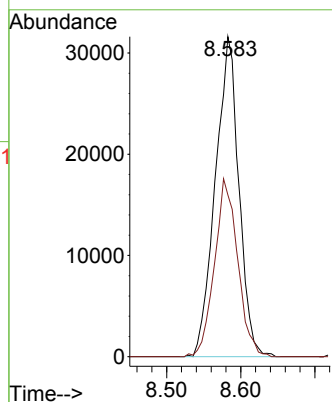
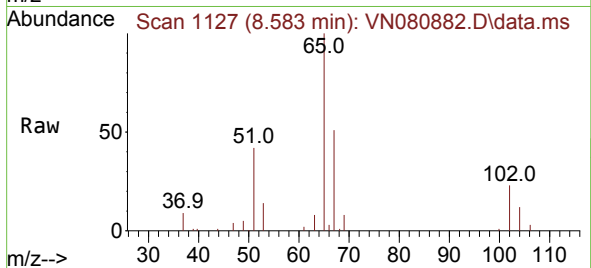
FB-20240201

Tgt Ion: 65 Resp: 69757

Ion Ratio Lower Upper

65 100

67 54.8 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080882.D

Acq: 02 Feb 2024 18:39

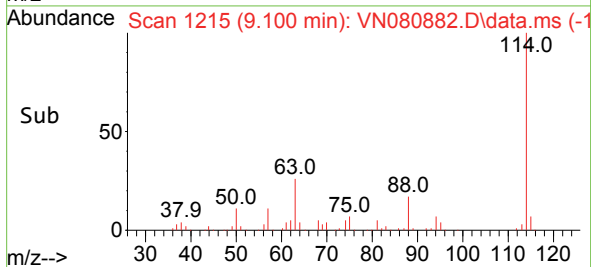
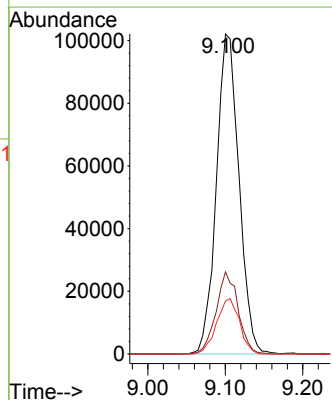
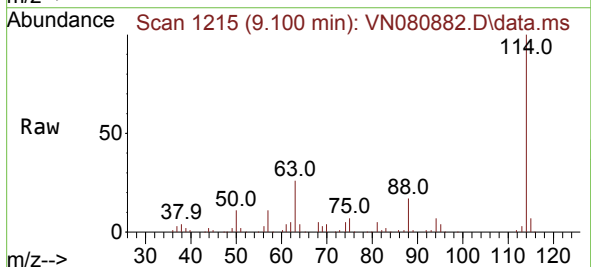
Tgt Ion: 114 Resp: 207035

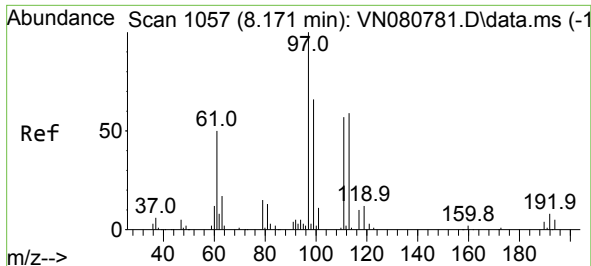
Ion Ratio Lower Upper

114 100

63 25.7 0.0 48.0

88 16.6 0.0 34.8





#35

Dibromofluoromethane

Concen: 42.410 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080882.D

Acq: 02 Feb 2024 18:39

Instrument :

MSVOA_N

ClientSampleId :

FB-20240201

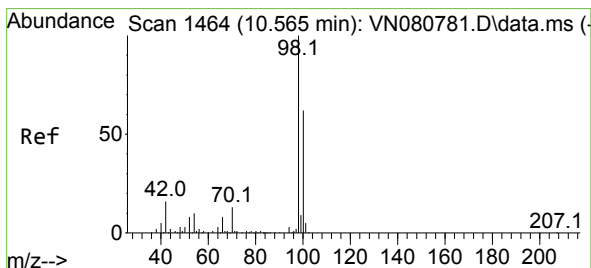
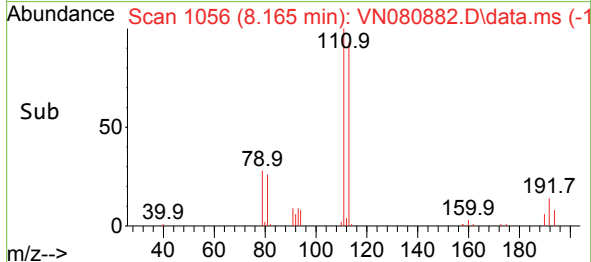
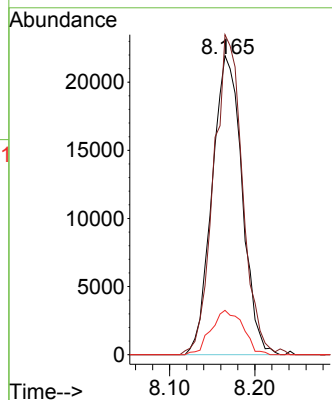
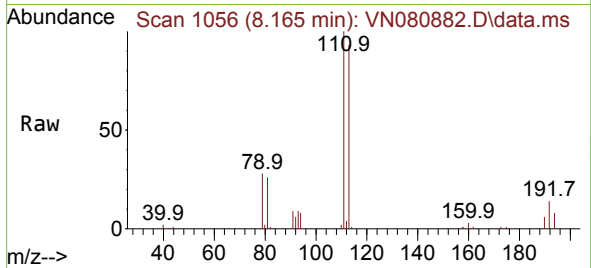
Tgt Ion:113 Resp: 53718

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.4

192 15.8 12.5 18.7



#50

Toluene-d8

Concen: 44.710 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN080882.D

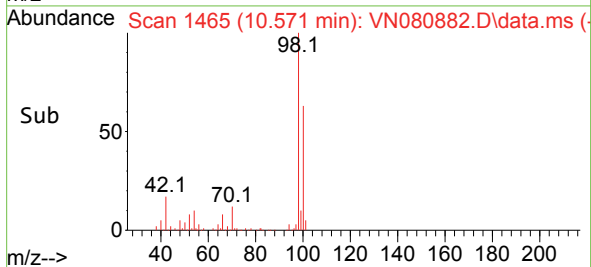
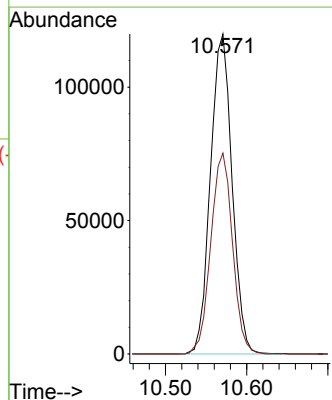
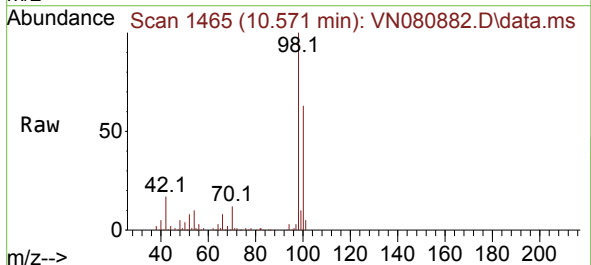
Acq: 02 Feb 2024 18:39

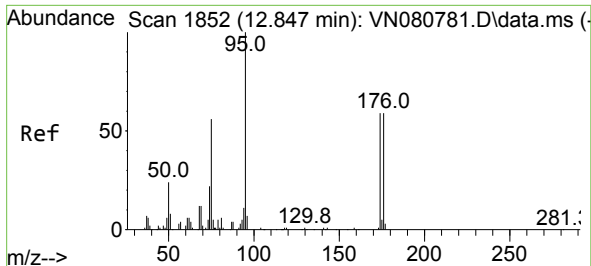
Tgt Ion: 98 Resp: 221653

Ion Ratio Lower Upper

98 100

100 63.2 51.4 77.0

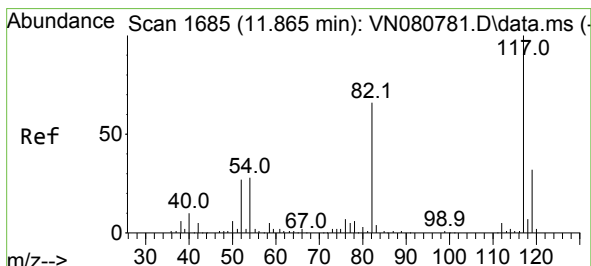
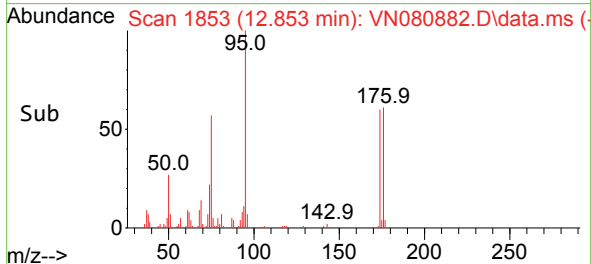
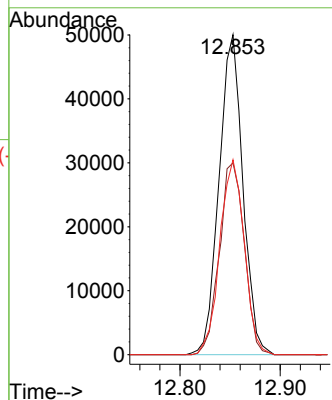
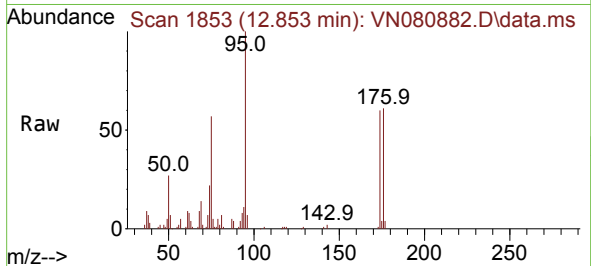




#62
4-Bromofluorobenzene
Concen: 47.697 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080882.D
Acq: 02 Feb 2024 18:39

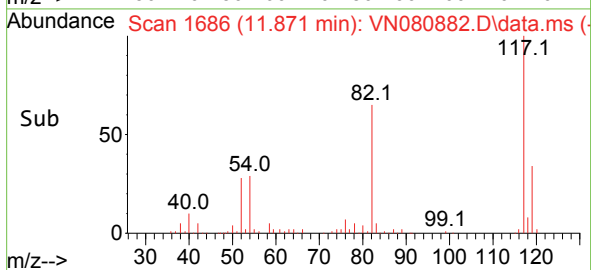
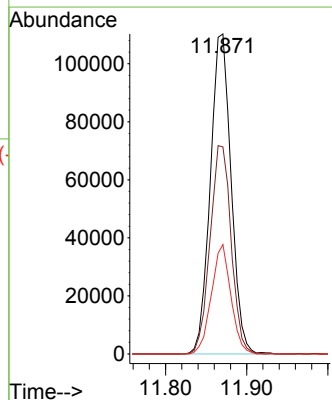
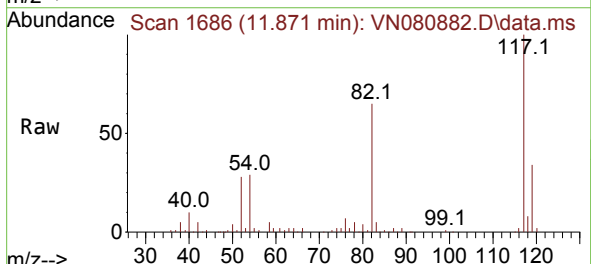
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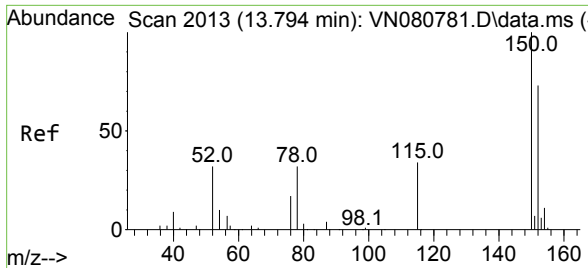
Tgt Ion: 95 Resp: 82400
Ion Ratio Lower Upper
95 100
174 62.5 0.0 120.4
176 62.6 0.0 121.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VN080882.D
Acq: 02 Feb 2024 18:39

Tgt Ion: 117 Resp: 196298
Ion Ratio Lower Upper
117 100
82 64.7 52.7 79.1
119 34.2 25.3 37.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080882.D
 Acq: 02 Feb 2024 18:39

Instrument :
 MSVOA_N
 ClientSampleId :
 FB-20240201

Tgt Ion:	152	Resp:	78246
Ion	Ratio	Lower	Upper
152	100		
115	68.5	32.3	96.8
150	161.3	0.0	339.8

