

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111423\
 Data File : VN080094.D
 Acq On : 14 Nov 2023 17:14
 Operator : JC\MD
 Sample : 05378-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-3

Quant Time: Nov 15 03:57:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

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

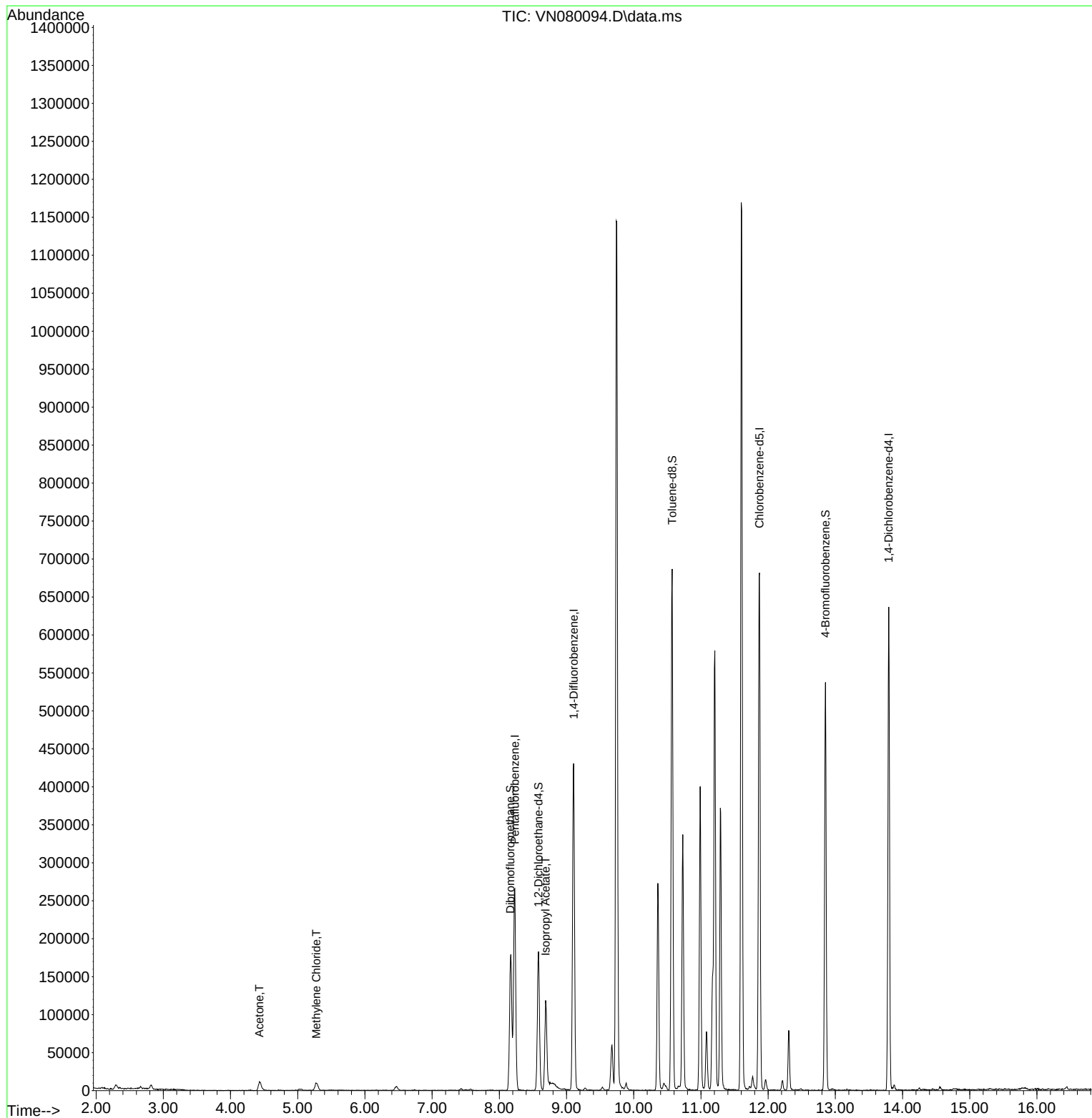
Internal Standards						
1) Pentafluorobenzene	8.230	168	182173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	358577	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	386282	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	163505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	162779	58.649	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.300%
35) Dibromofluoromethane	8.165	113	126284	49.760	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.520%
50) Toluene-d8	10.571	98	466899	49.974	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.940%
62) 4-Bromofluorobenzene	12.853	95	182503	58.900	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	117.800%
Target Compounds						
					Qvalue	
16) Acetone	4.430	43	22790	23.377	ug/l	99
20) Methylene Chloride	5.277	84	7969	3.239	ug/l	90
43) Isopropyl Acetate	8.688	43	129130	22.157	ug/l #	84

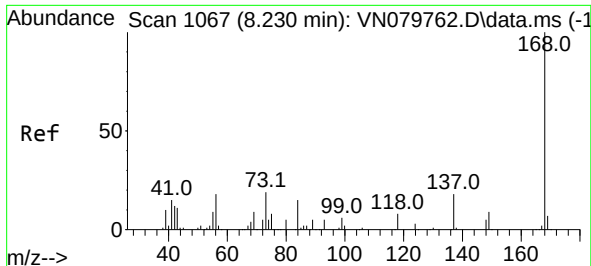
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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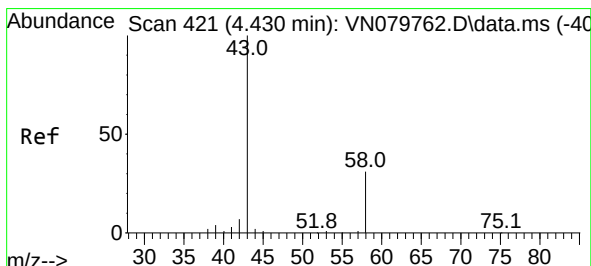
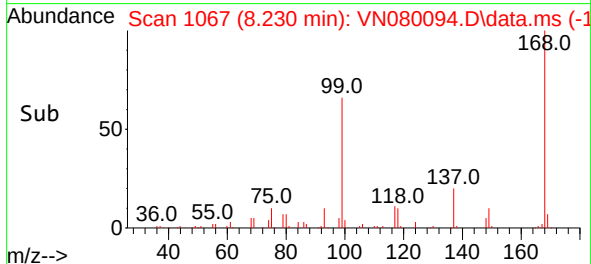
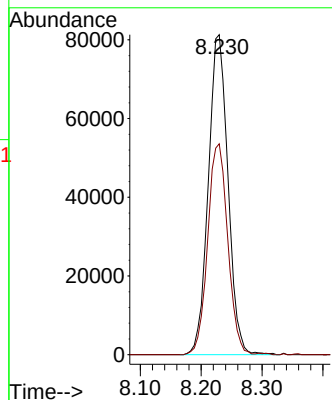
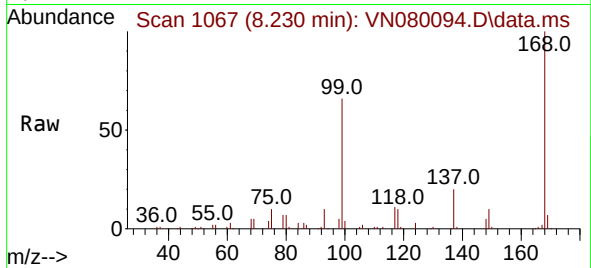




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. 0.001 min
Lab File: VN080094.D
Acq: 14 Nov 2023 17:14

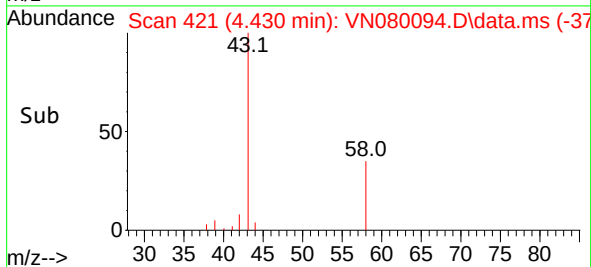
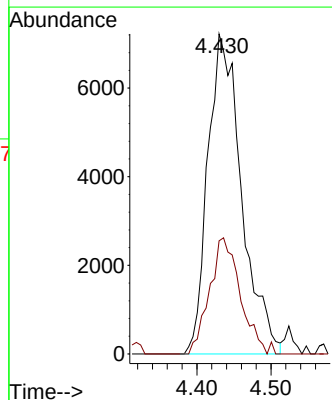
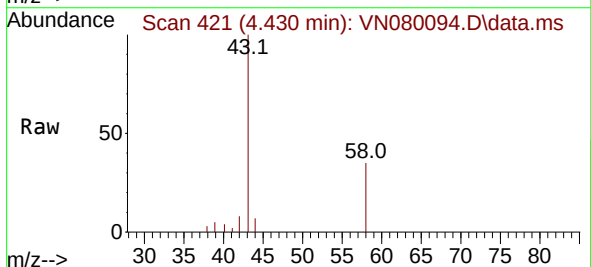
Instrument :
MSVOA_N
ClientSampleId :
MH-3

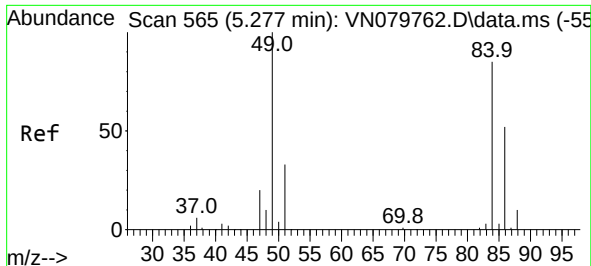
Tgt Ion:168 Resp: 182173
Ion Ratio Lower Upper
168 100
99 65.9 53.0 79.6



#16
Acetone
Concen: 23.377 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.000 min
Lab File: VN080094.D
Acq: 14 Nov 2023 17:14

Tgt Ion: 43 Resp: 22790
Ion Ratio Lower Upper
43 100
58 35.3 28.0 42.0

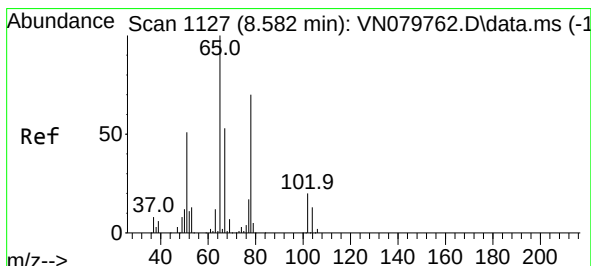
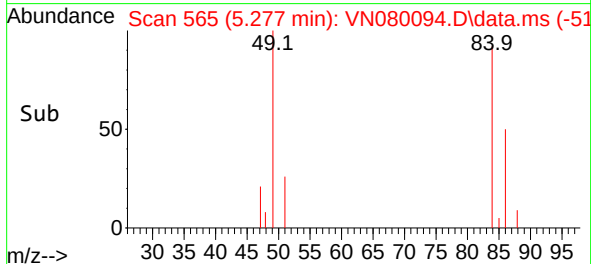
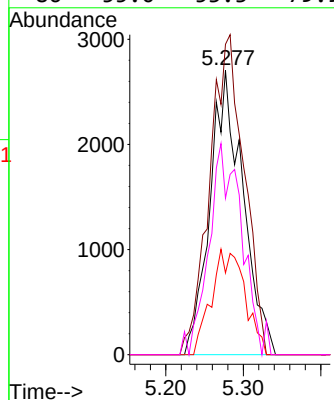
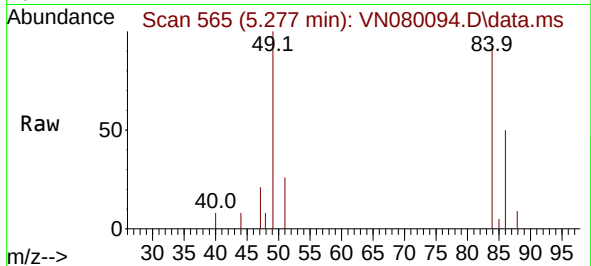




#20
Methylene Chloride
Concen: 3.239 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN080094.D
Acq: 14 Nov 2023 17:14

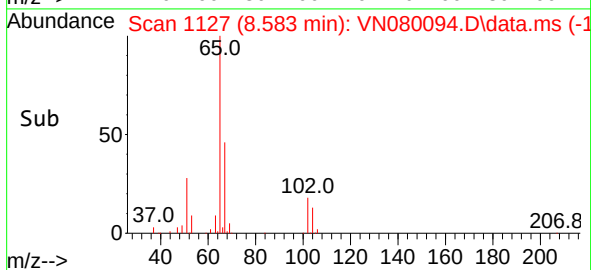
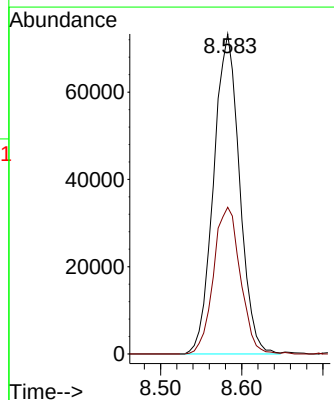
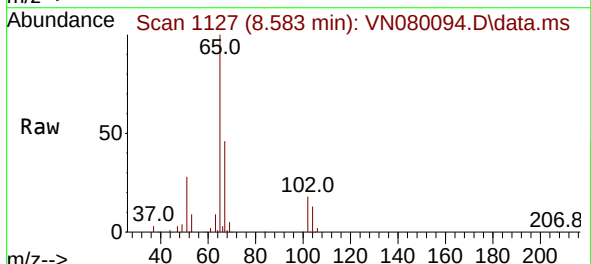
Instrument :
MSVOA_N
ClientSampleId :
MH-3

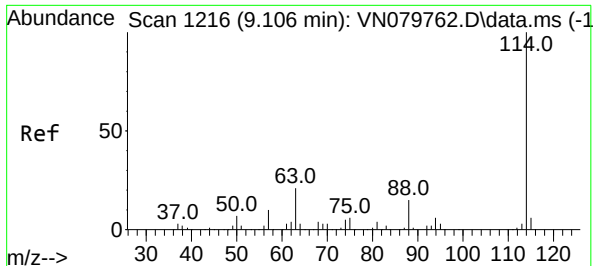
Tgt Ion:	84	Resp:	7969
Ion	Ratio	Lower	Upper
84	100		
49	109.1	79.7	119.5
51	28.8	25.2	37.8
86	55.0	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 58.649 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080094.D
Acq: 14 Nov 2023 17:14

Tgt Ion:	65	Resp:	162779
Ion	Ratio	Lower	Upper
65	100		
67	47.4	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: VN080094.D

Acq: 14 Nov 2023 17:14

Instrument :

MSVOA_N

ClientSampleId :

MH-3

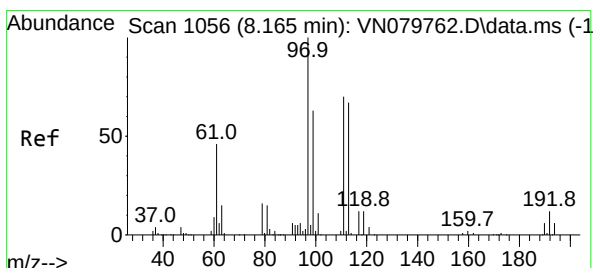
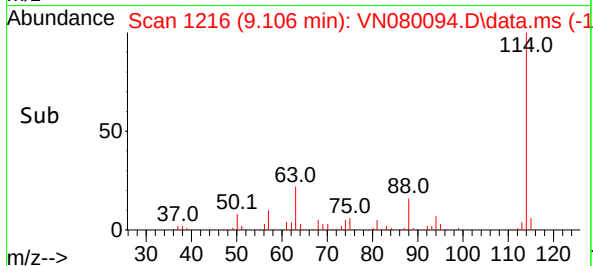
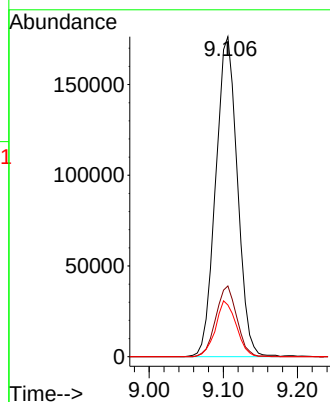
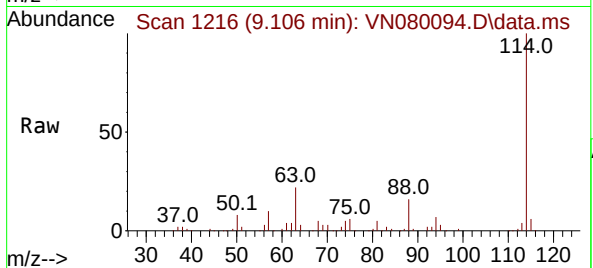
Tgt Ion:114 Resp: 358577

Ion Ratio Lower Upper

114 100

63 22.1 0.0 36.4

88 16.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.760 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080094.D

Acq: 14 Nov 2023 17:14

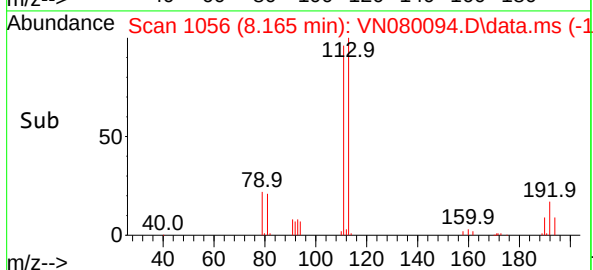
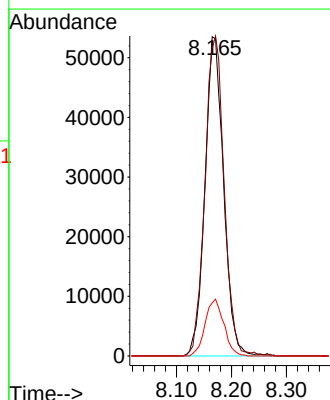
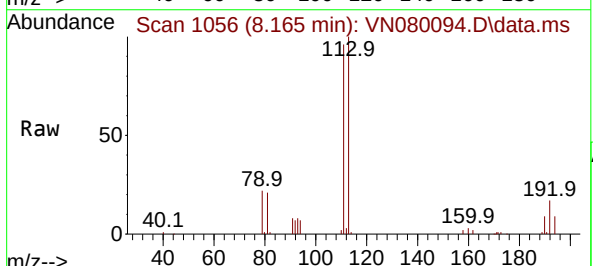
Tgt Ion:113 Resp: 126284

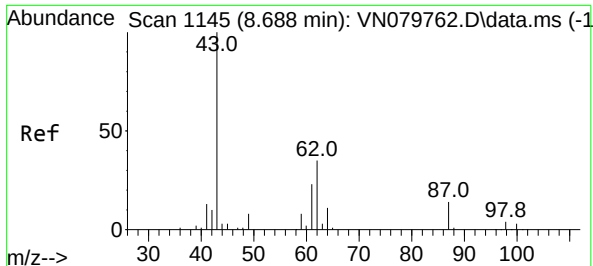
Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

192 17.8 12.7 19.1





#43

Isopropyl Acetate

Concen: 22.157 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN080094.D

Acq: 14 Nov 2023 17:14

Instrument :

MSVOA_N

ClientSampleId :

MH-3

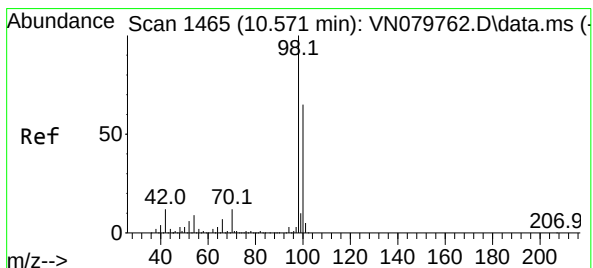
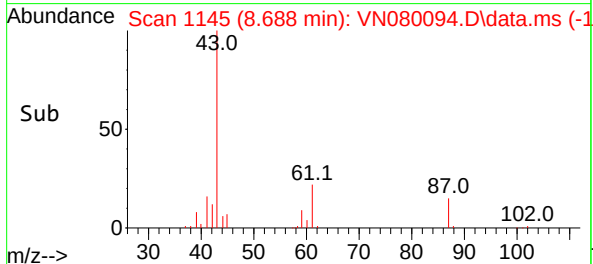
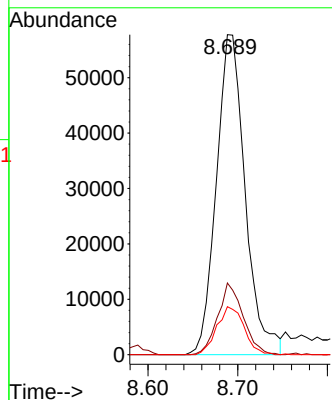
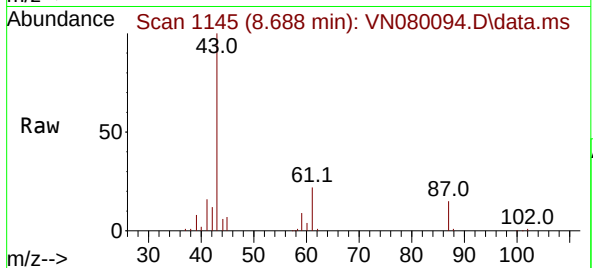
Tgt Ion: 43 Resp: 129130

Ion Ratio Lower Upper

43 100

61 19.7 24.7 37.1#

87 14.2 14.6 21.8#



#50

Toluene-d8

Concen: 49.974 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN080094.D

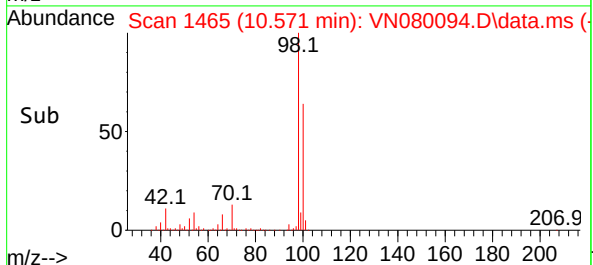
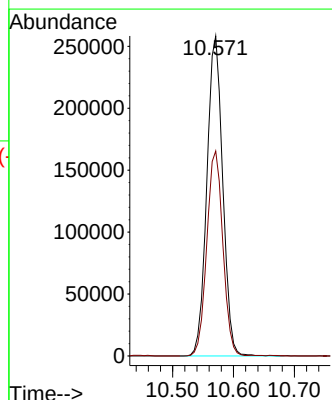
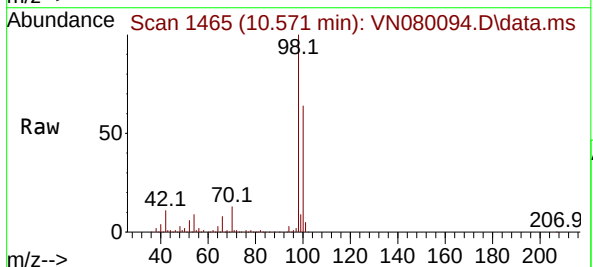
Acq: 14 Nov 2023 17:14

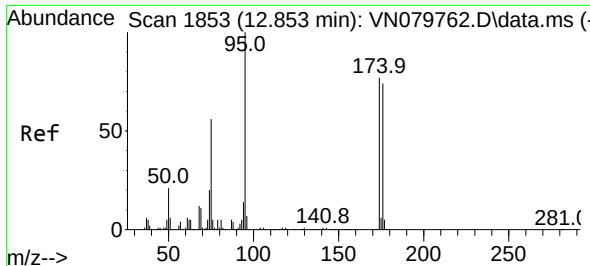
Tgt Ion: 98 Resp: 466899

Ion Ratio Lower Upper

98 100

100 64.8 52.0 78.0

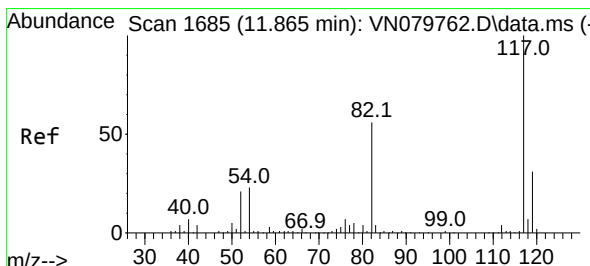
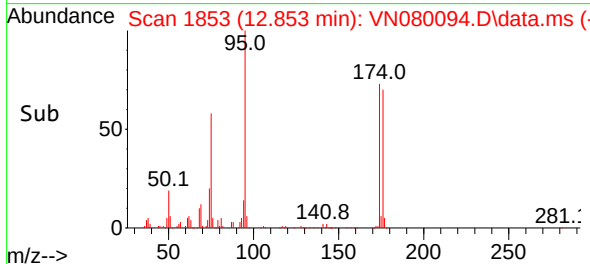
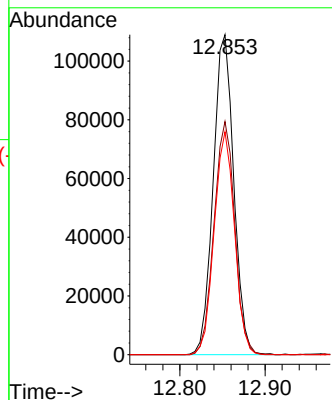
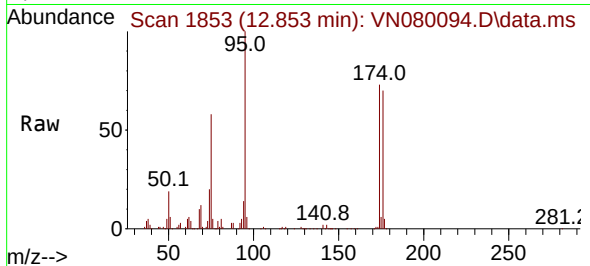




#62
4-Bromofluorobenzene
Concen: 58.900 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080094.D
Acq: 14 Nov 2023 17:14

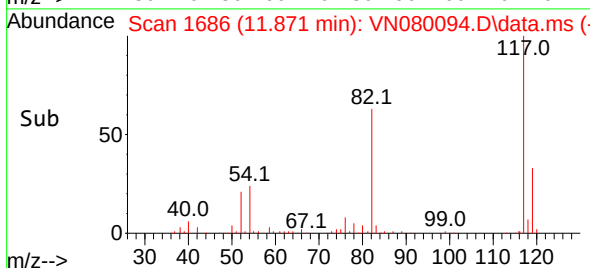
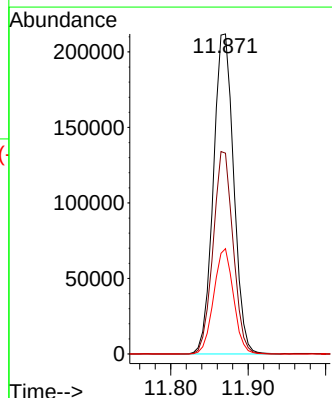
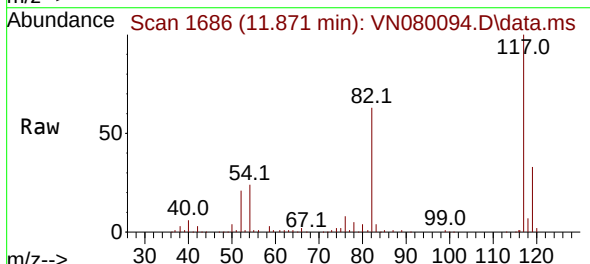
Instrument :
MSVOA_N
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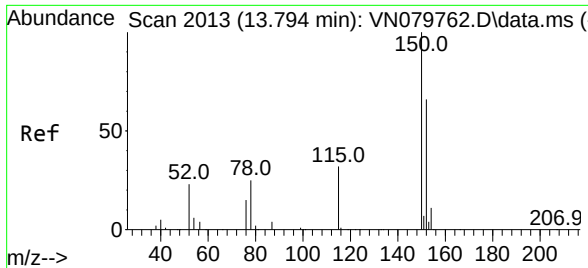
Tgt Ion: 95 Resp: 182503
Ion Ratio Lower Upper
95 100
174 73.6 0.0 143.8
176 69.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN080094.D
Acq: 14 Nov 2023 17:14

Tgt Ion: 117 Resp: 386282
Ion Ratio Lower Upper
117 100
82 62.8 44.0 66.0
119 32.9 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: VN080094.D
 Acq: 14 Nov 2023 17:14

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-3

Tgt Ion:	152	Resp:	163505
Ion	Ratio	Lower	Upper
152	100		
115	67.1	32.3	96.8
150	156.4	0.0	355.8

