

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111523\
 Data File : VN080111.D
 Acq On : 15 Nov 2023 15:30
 Operator : JC\MD
 Sample : 05412-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-1

Quant Time: Nov 15 21:53:37 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)

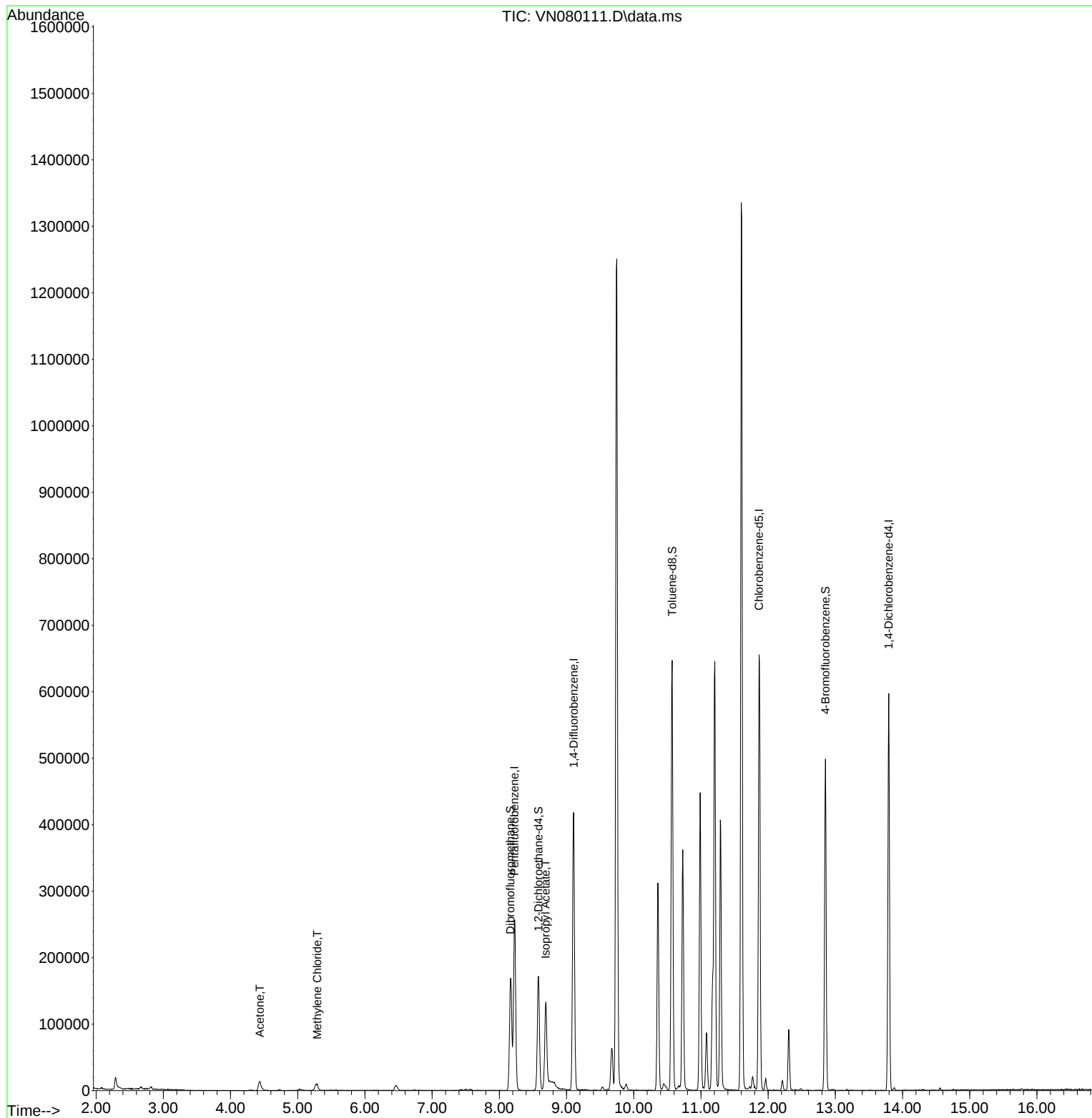
Internal Standards						
1) Pentafluorobenzene	8.224	168	177496	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	340558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	370359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150385	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	154053	56.968	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	113.940%	
35) Dibromofluoromethane	8.165	113	120998	50.200	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	100.400%	
50) Toluene-d8	10.571	98	441222	49.725	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	99.440%	
62) 4-Bromofluorobenzene	12.853	95	168497	57.257	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	114.520%	
Target Compounds						
						Qvalue
16) Acetone	4.436	43	25991	27.362	ug/l	98
20) Methylene Chloride	5.289	84	9080	3.788	ug/l #	90
43) Isopropyl Acetate	8.688	43	161156	29.115	ug/l #	80

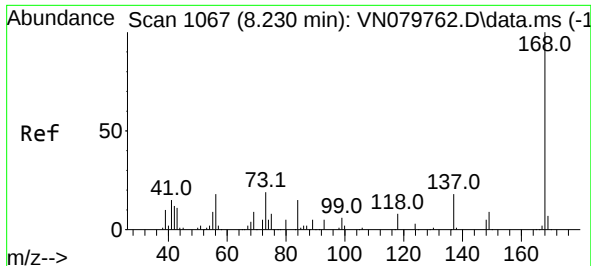
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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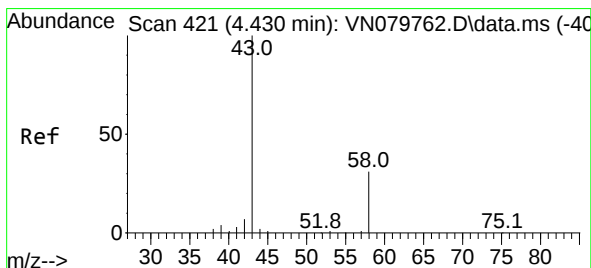
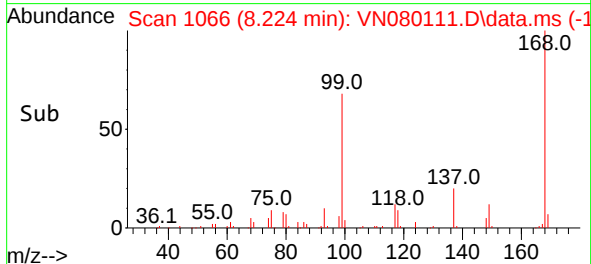
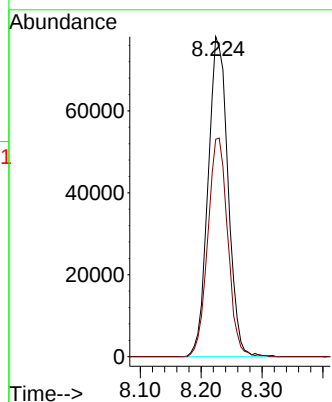
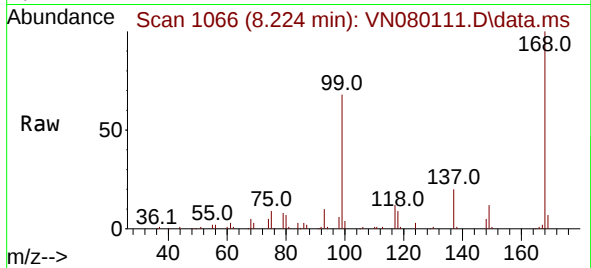




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN080111.D
Acq: 15 Nov 2023 15:30

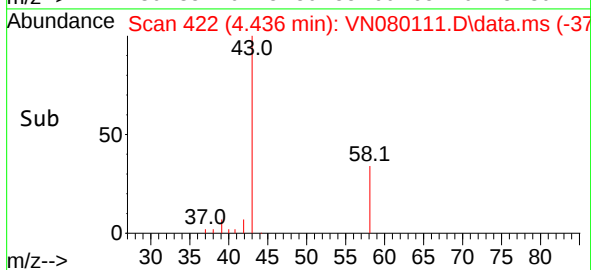
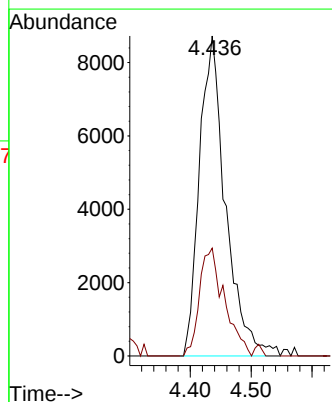
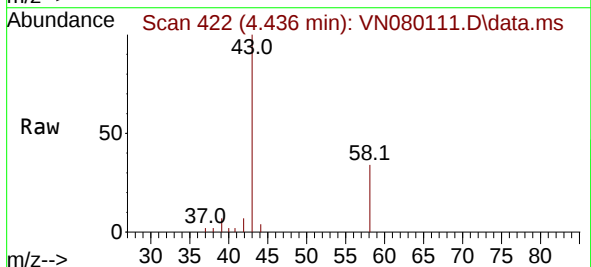
Instrument :
MSVOA_N
ClientSampleId :
MH-1

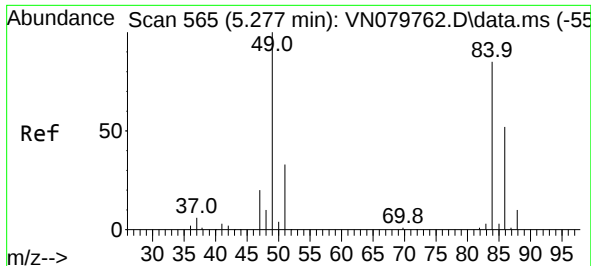
Tgt Ion:168 Resp: 177496
Ion Ratio Lower Upper
168 100
99 68.0 53.0 79.6



#16
Acetone
Concen: 27.362 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN080111.D
Acq: 15 Nov 2023 15:30

Tgt Ion: 43 Resp: 25991
Ion Ratio Lower Upper
43 100
58 33.7 28.0 42.0

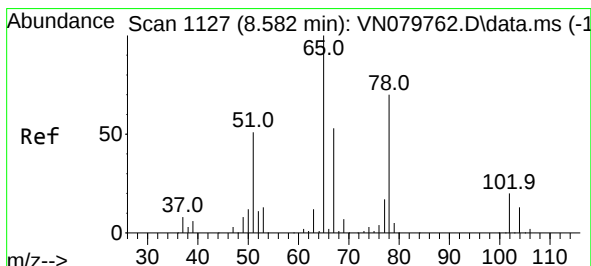
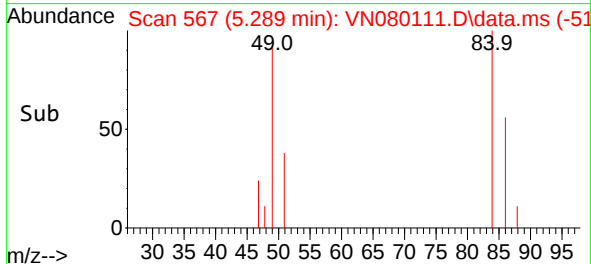
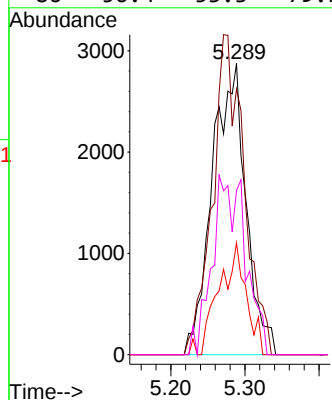
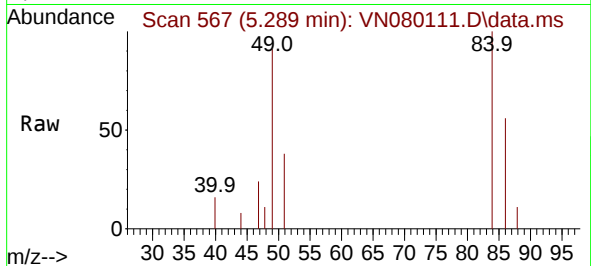




#20
Methylene Chloride
Concen: 3.788 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN080111.D
Acq: 15 Nov 2023 15:30

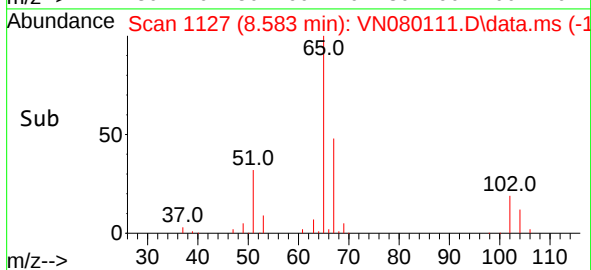
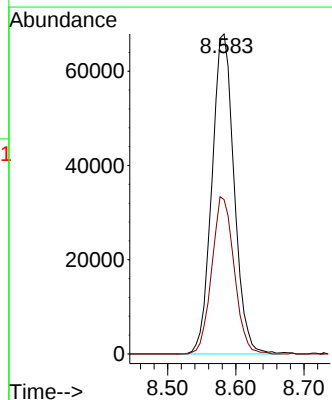
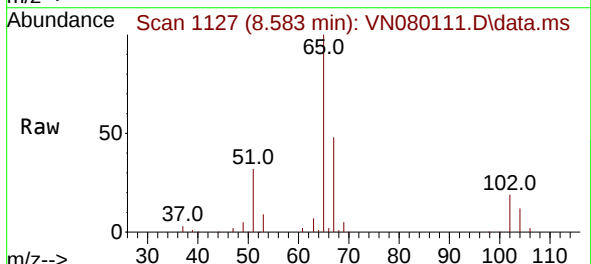
Instrument :
MSVOA_N
ClientSampleId :
MH-1

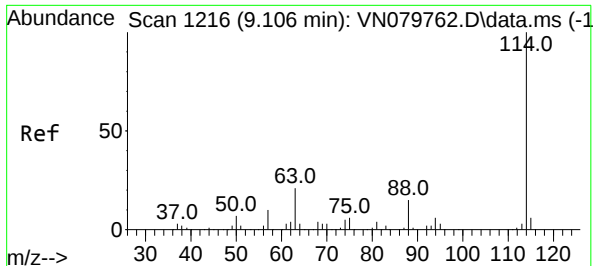
Tgt Ion: 84	Resp: 9080
Ion Ratio	Lower Upper
84	100
49	91.3 79.7 119.5
51	38.4 25.2 37.8#
86	56.4 53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 56.968 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080111.D
Acq: 15 Nov 2023 15:30

Tgt Ion: 65	Resp: 154053
Ion Ratio	Lower Upper
65	100
67	49.5 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: VN080111.D

Acq: 15 Nov 2023 15:30

Instrument :

MSVOA_N

ClientSampleId :

MH-1

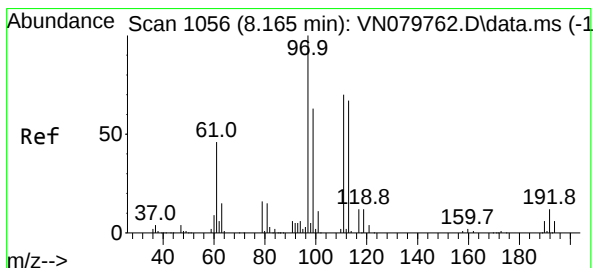
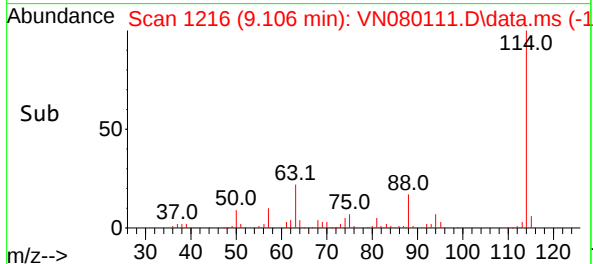
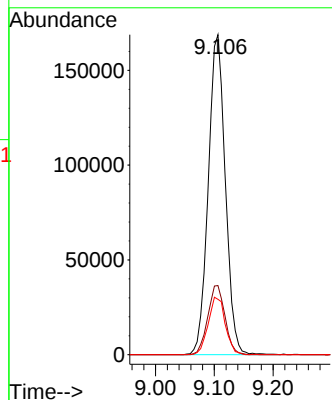
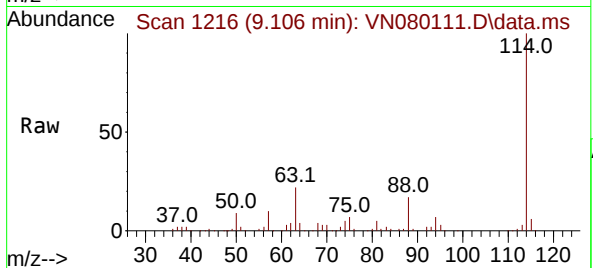
Tgt Ion:114 Resp: 340558

Ion Ratio Lower Upper

114 100

63 21.6 0.0 36.4

88 17.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.200 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN080111.D

Acq: 15 Nov 2023 15:30

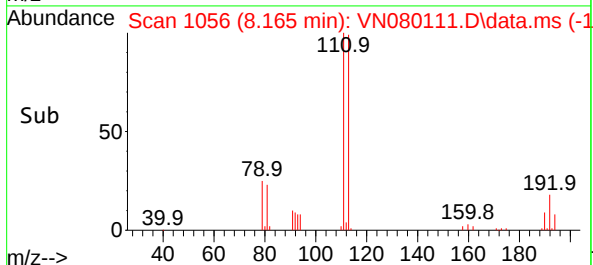
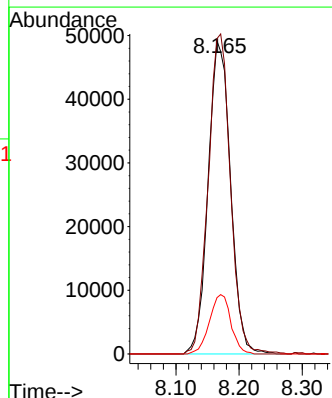
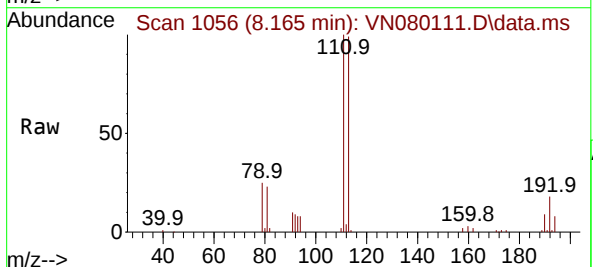
Tgt Ion:113 Resp: 120998

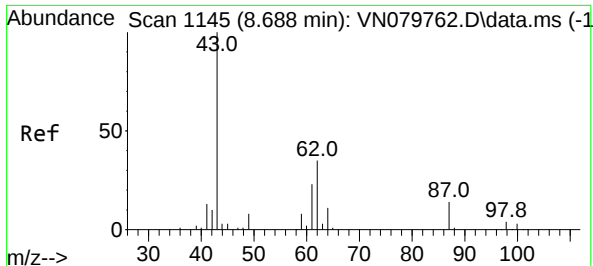
Ion Ratio Lower Upper

113 100

111 101.6 82.6 123.8

192 18.1 12.7 19.1

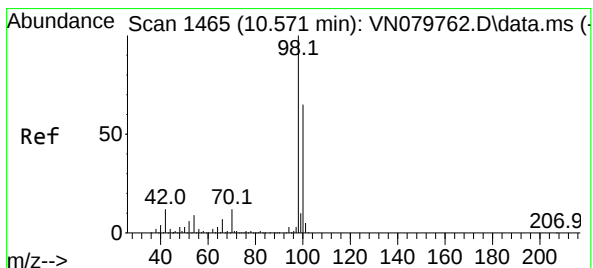
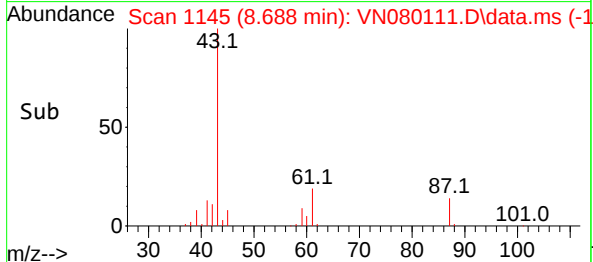
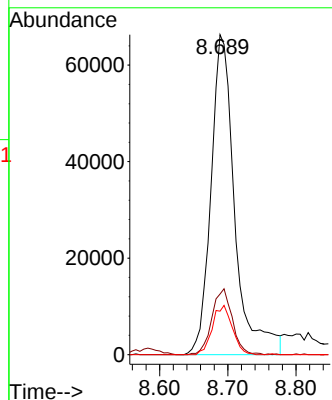
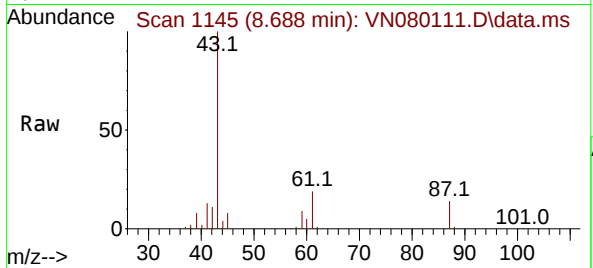




#43
Isopropyl Acetate
Concen: 29.115 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080111.D
Acq: 15 Nov 2023 15:30

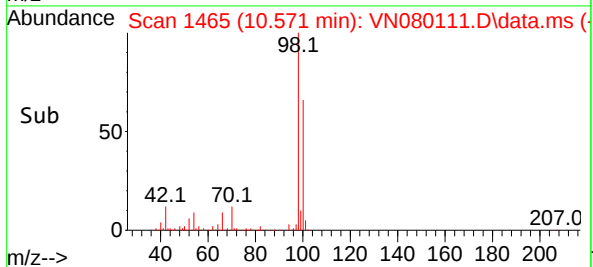
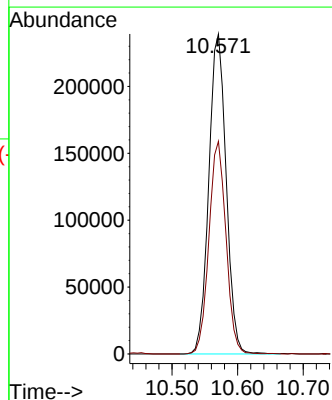
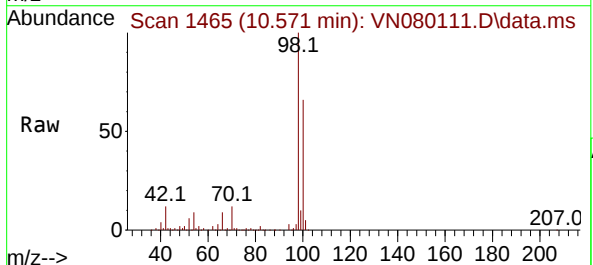
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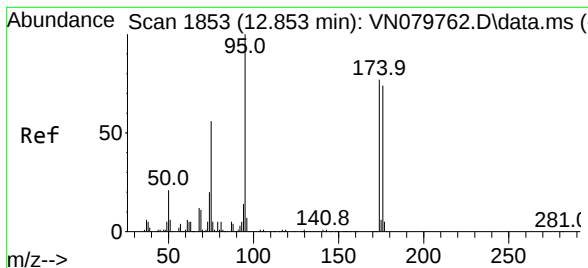
Tgt Ion: 43 Resp: 161156
Ion Ratio Lower Upper
43 100
61 17.7 24.7 37.1#
87 12.9 14.6 21.8#



#50
Toluene-d8
Concen: 49.725 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080111.D
Acq: 15 Nov 2023 15:30

Tgt Ion: 98 Resp: 441222
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0

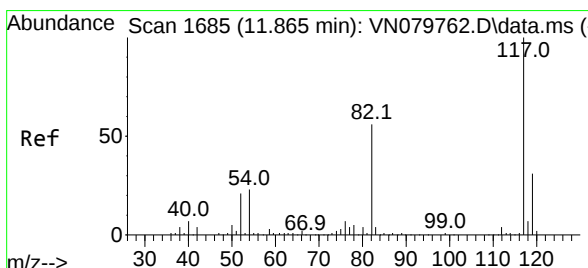
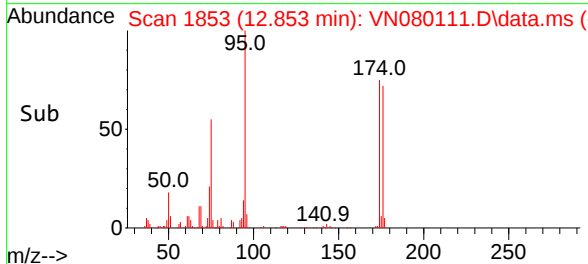
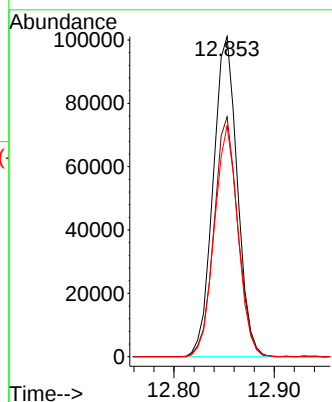
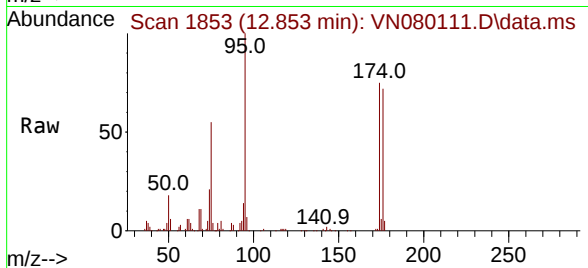




#62
4-Bromofluorobenzene
Concen: 57.257 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080111.D
Acq: 15 Nov 2023 15:30

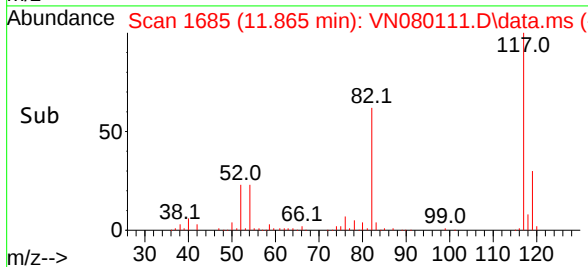
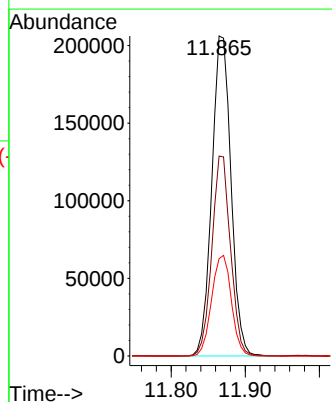
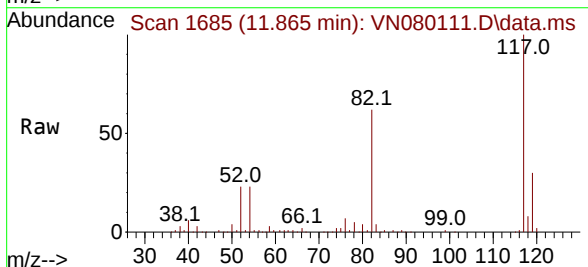
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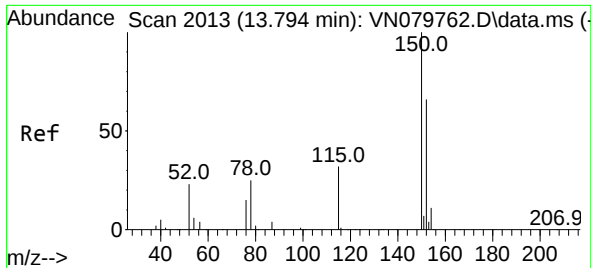
Tgt Ion: 95 Resp: 168497
Ion Ratio Lower Upper
95 100
174 74.1 0.0 143.8
176 70.6 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.006 min
Lab File: VN080111.D
Acq: 15 Nov 2023 15:30

Tgt Ion: 117 Resp: 370359
Ion Ratio Lower Upper
117 100
82 62.5 44.0 66.0
119 30.4 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080111.D
 Acq: 15 Nov 2023 15:30

Instrument :
 MSVOA_N
 ClientSampleId :
 MH-1

Tgt Ion:152 Resp: 150385
 Ion Ratio Lower Upper
 152 100
 115 66.4 32.3 96.8
 150 160.4 0.0 355.8

