

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062023\
 Data File : VN078311.D
 Acq On : 20 Jun 2023 15:49
 Operator : JC\MD
 Sample : 03321-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-22

Quant Time: Jun 21 05:48:04 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)

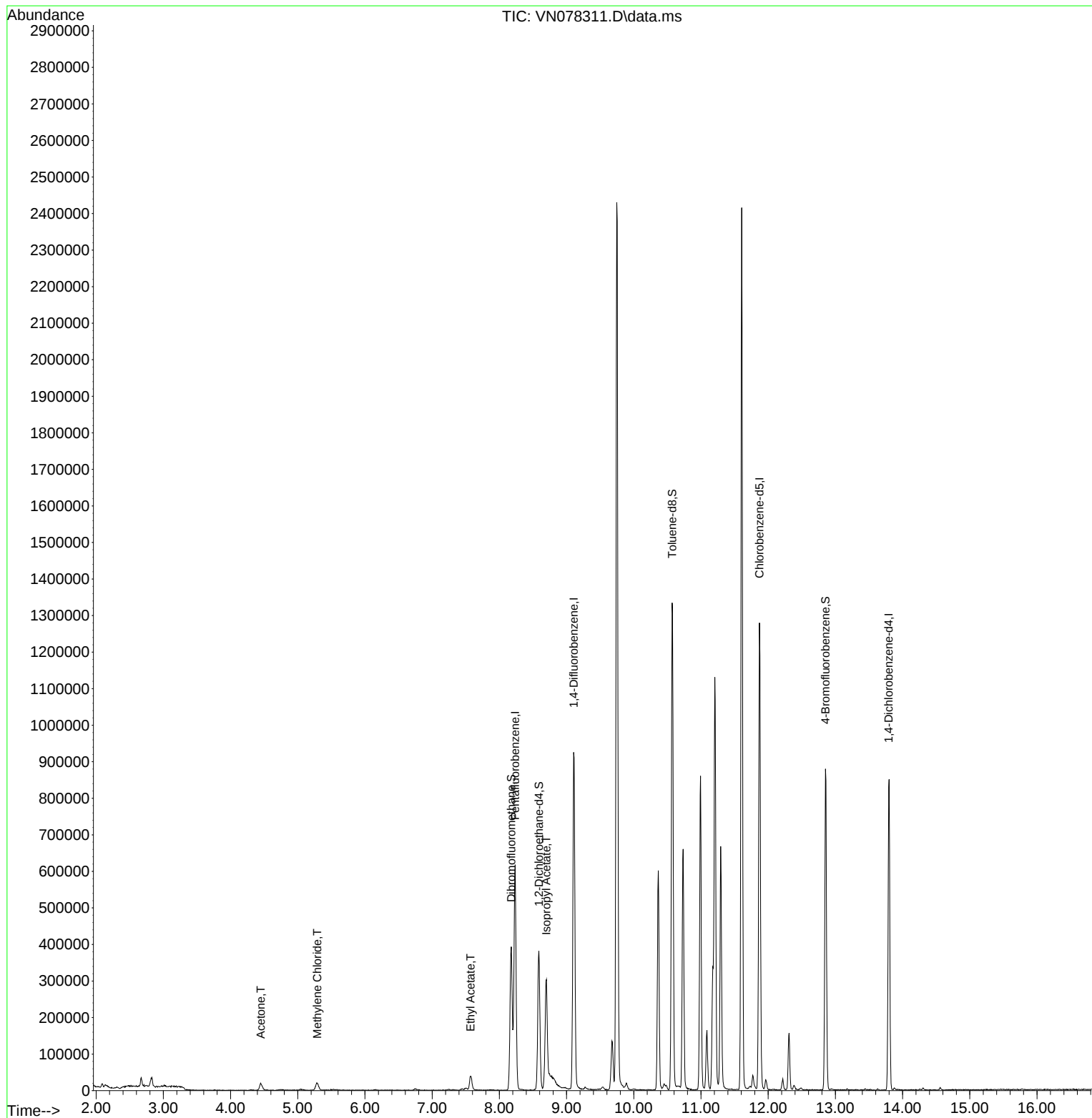
Internal Standards						
1) Pentafluorobenzene	8.235	168	429029	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	820500	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	761417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	234056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	313424	54.792	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 109.580%		
35) Dibromofluoromethane	8.177	113	285091	54.953	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 109.900%		
50) Toluene-d8	10.571	98	969278	48.464	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 96.920%		
62) 4-Bromofluorobenzene	12.853	95	309463	49.773	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 99.540%		
Target Compounds						Qvalue
16) Acetone	4.447	43	35559	21.597	ug/l	100
20) Methylene Chloride	5.289	84	15390	2.829	ug/l #	84
37) Ethyl Acetate	7.571	43	60226	10.360	ug/l	96
43) Isopropyl Acetate	8.700	43	372084	33.468	ug/l #	77

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

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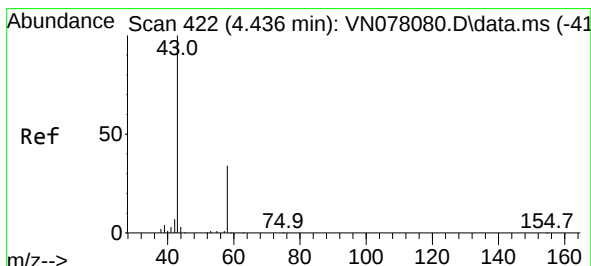
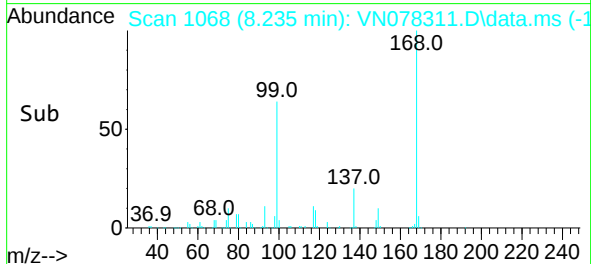
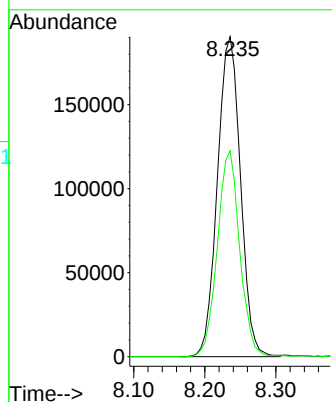
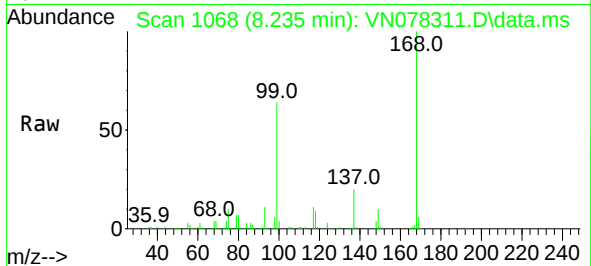




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078311.D
Acq: 20 Jun 2023 15:49

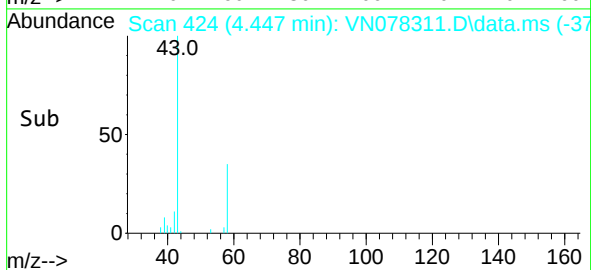
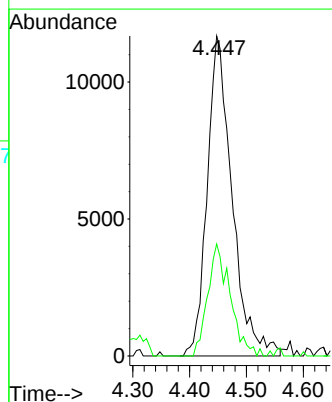
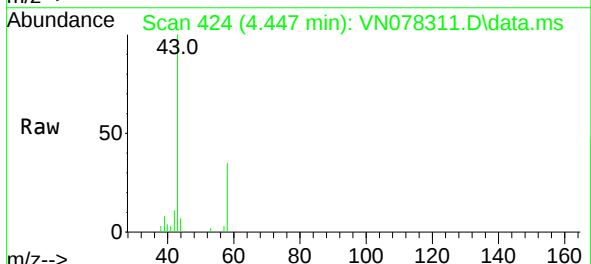
Instrument :
MSVOA_N
ClientSampleId :
WC-22

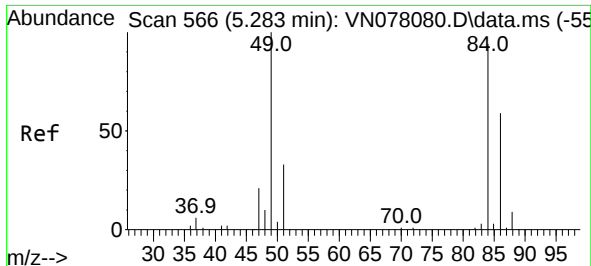
Tgt Ion:168 Resp: 429029
Ion Ratio Lower Upper
168 100
99 64.3 53.0 79.6



#16
Acetone
Concen: 21.597 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078311.D
Acq: 20 Jun 2023 15:49

Tgt Ion: 43 Resp: 35559
Ion Ratio Lower Upper
43 100
58 35.0 28.0 42.0

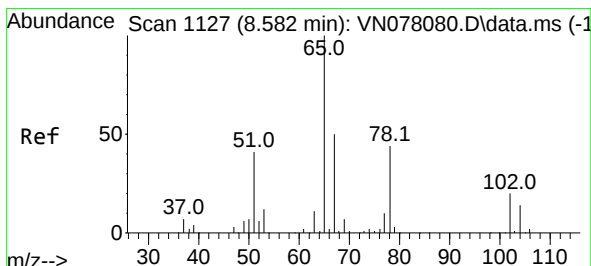
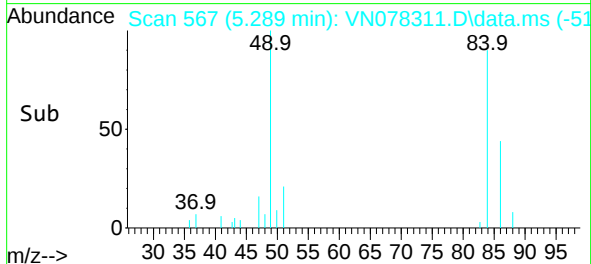
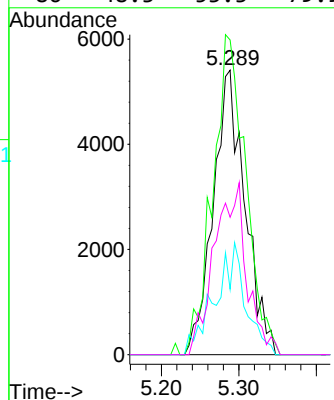
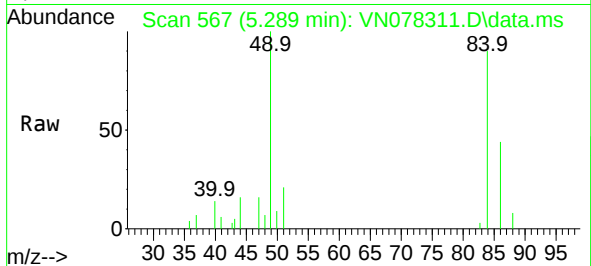




#20
Methylene Chloride
Concen: 2.829 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078311.D
Acq: 20 Jun 2023 15:49

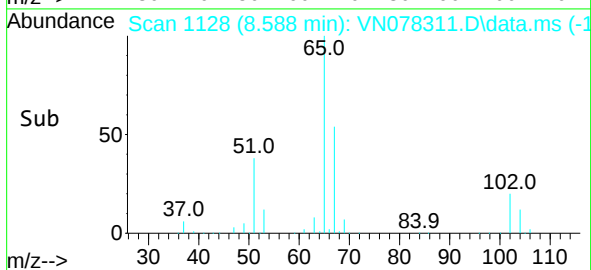
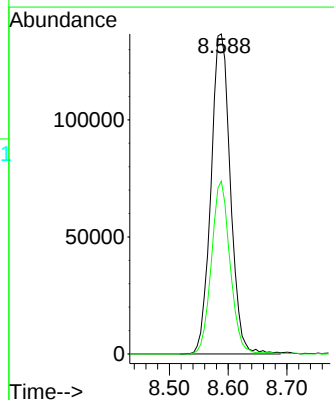
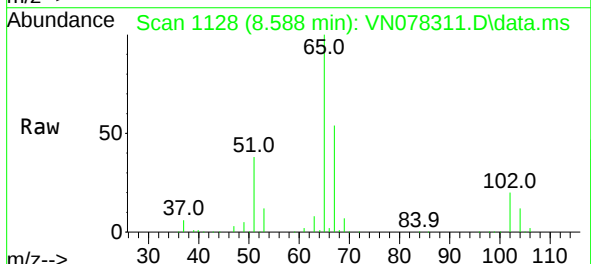
Instrument :
MSVOA_N
ClientSampleId :
WC-22

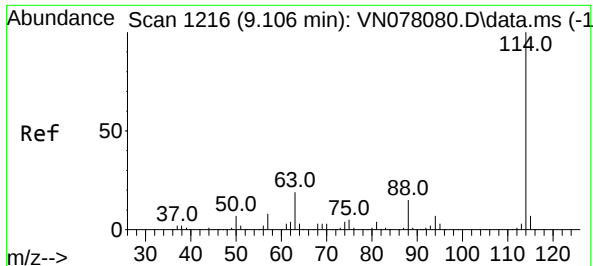
Tgt Ion: 84	Resp: 15390
Ion Ratio	Lower Upper
84 100	
49 110.6	79.7 119.5
51 23.0	25.2 37.8#
86 48.3	53.3 79.9#



#33
1,2-Dichloroethane-d4
Concen: 54.792 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078311.D
Acq: 20 Jun 2023 15:49

Tgt Ion: 65	Resp: 313424
Ion Ratio	Lower Upper
65 100	
67 51.8	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: VN078311.D

Acq: 20 Jun 2023 15:49

Instrument :

MSVOA_N

ClientSampleId :

WC-22

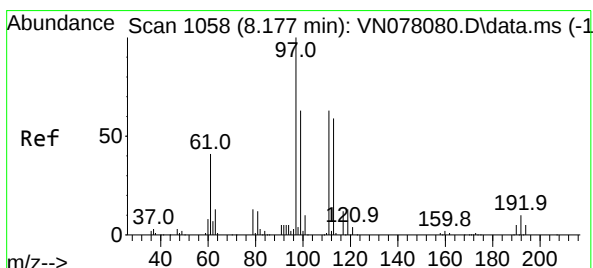
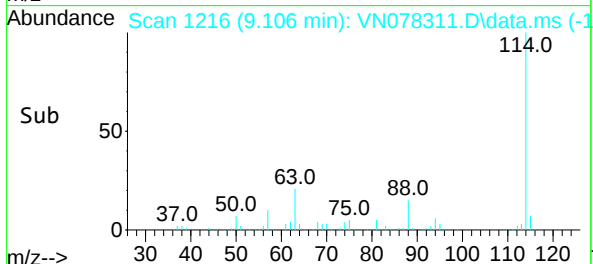
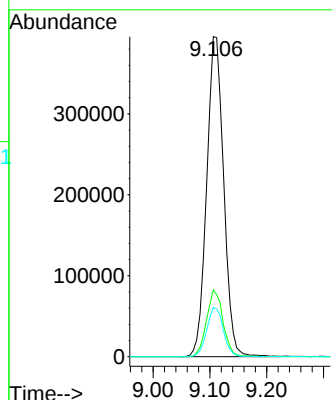
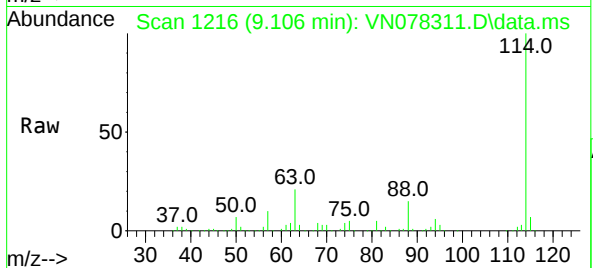
Tgt Ion:114 Resp: 820500

Ion Ratio Lower Upper

114 100

63 20.9 0.0 36.4

88 15.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 54.953 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078311.D

Acq: 20 Jun 2023 15:49

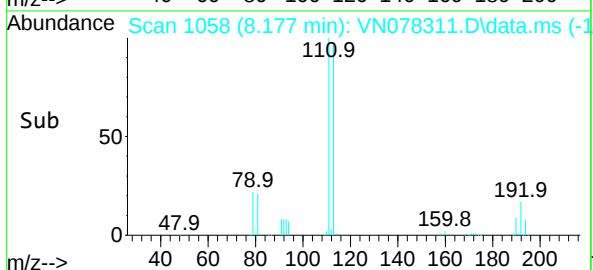
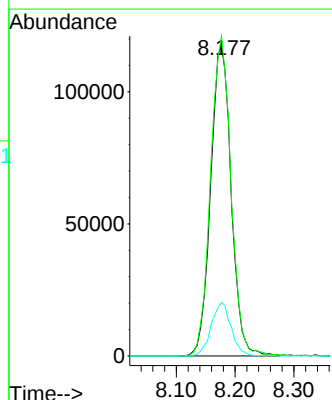
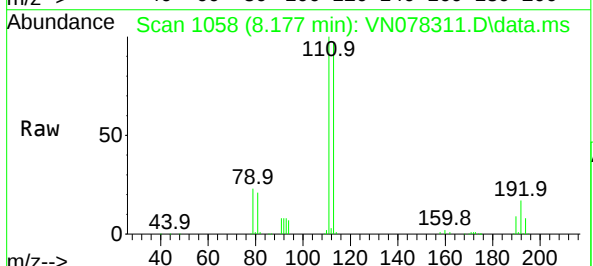
Tgt Ion:113 Resp: 285091

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 16.7 12.7 19.1

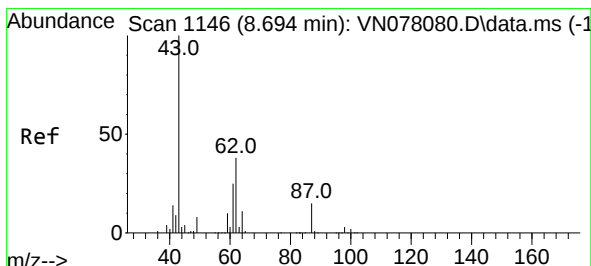
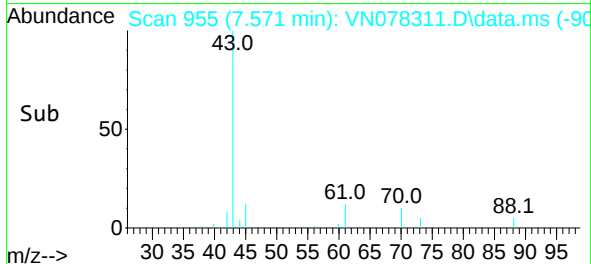
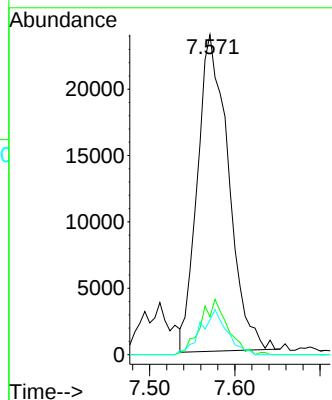
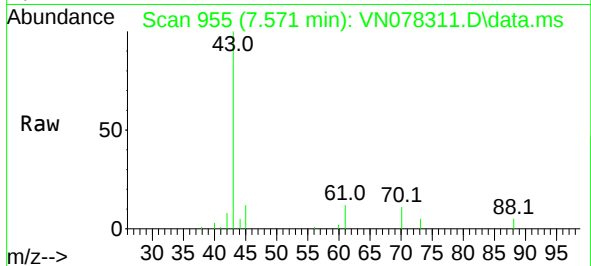




#37
Ethyl Acetate
Concen: 10.360 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078311.D
Acq: 20 Jun 2023 15:49

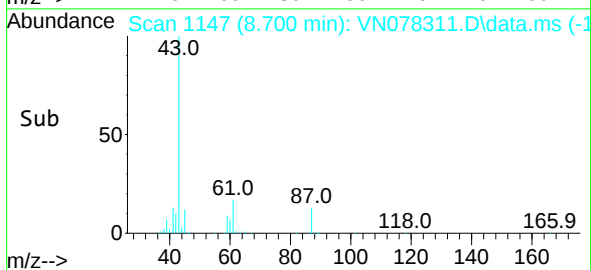
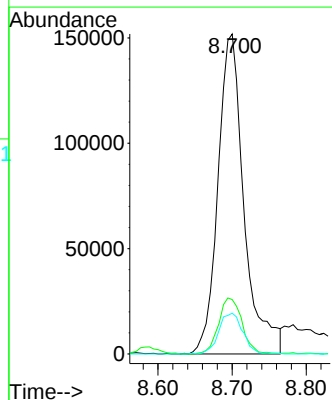
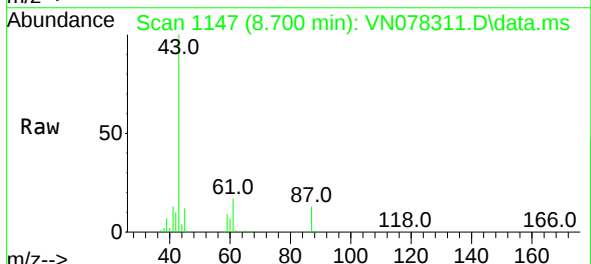
Instrument :
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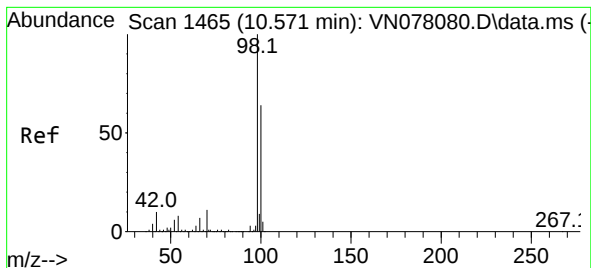
Tgt Ion: 43 Resp: 60226
Ion Ratio Lower Upper
43 100
61 15.4 13.2 19.8
70 12.2 11.3 16.9



#43
Isopropyl Acetate
Concen: 33.468 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078311.D
Acq: 20 Jun 2023 15:49

Tgt Ion: 43 Resp: 372084
Ion Ratio Lower Upper
43 100
61 15.8 24.7 37.1#
87 11.7 14.6 21.8#





#50

Toluene-d8

Concen: 48.464 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078311.D

Acq: 20 Jun 2023 15:49

Instrument :

MSVOA_N

ClientSampleId :

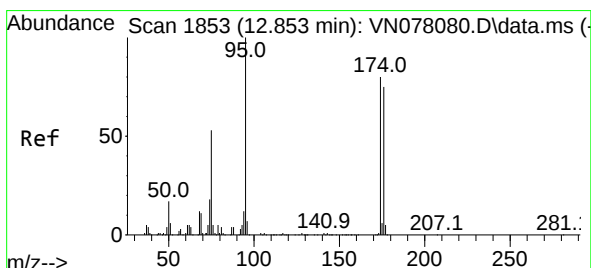
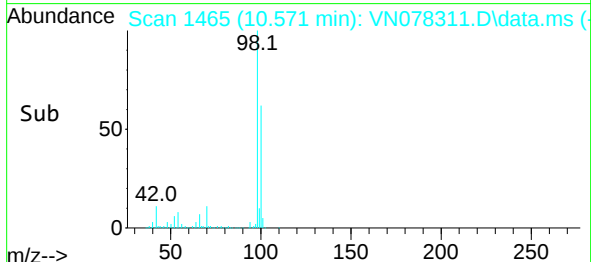
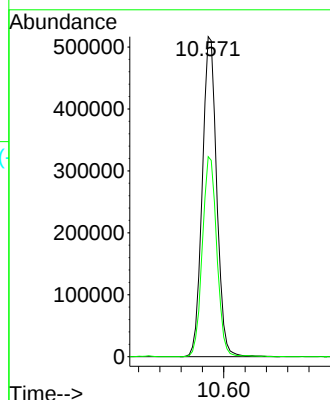
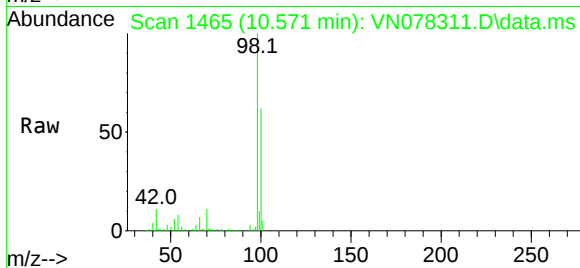
WC-22

Tgt Ion: 98 Resp: 969278

Ion Ratio Lower Upper

98 100

100 62.9 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 49.773 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN078311.D

Acq: 20 Jun 2023 15:49

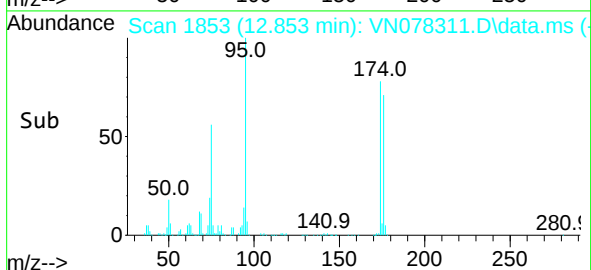
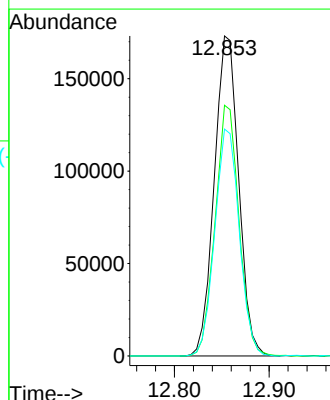
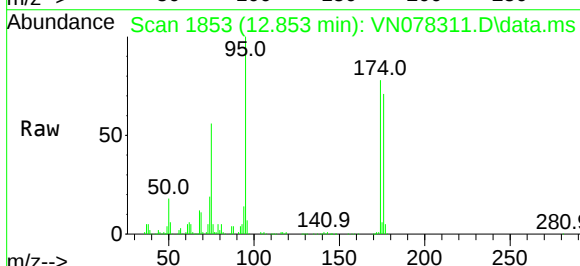
Tgt Ion: 95 Resp: 309463

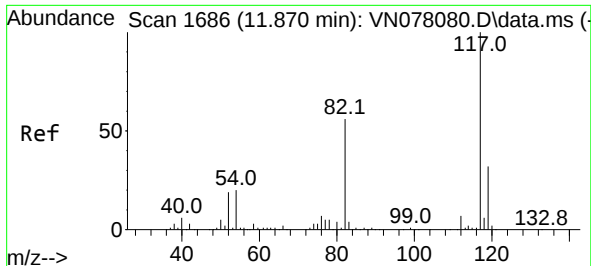
Ion Ratio Lower Upper

95 100

174 76.7 0.0 143.8

176 71.2 0.0 135.8

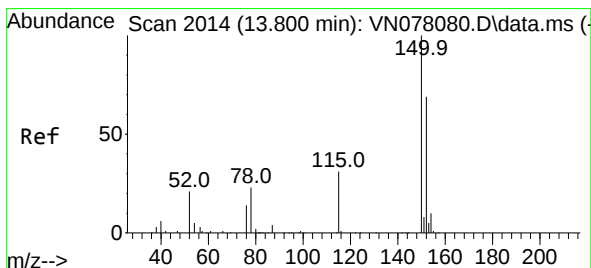
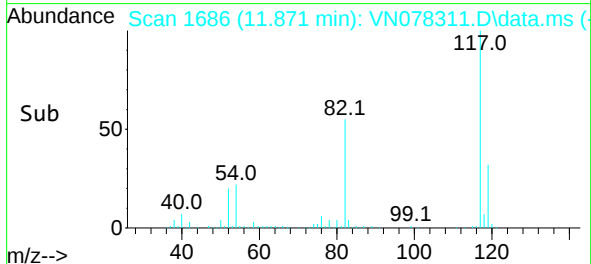
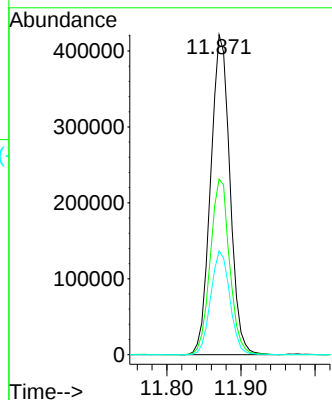
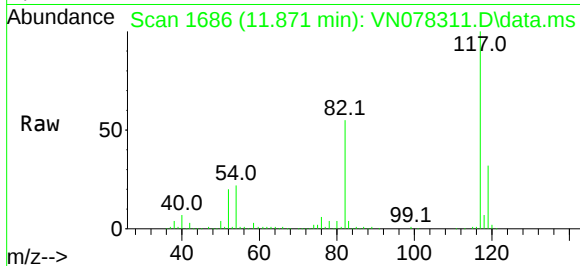




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN078311.D
Acq: 20 Jun 2023 15:49

Instrument :
MSVOA_N
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Tgt Ion:117 Resp: 761417
Ion Ratio Lower Upper
117 100
82 54.9 44.0 66.0
119 32.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078311.D
Acq: 20 Jun 2023 15:49

Tgt Ion:152 Resp: 234056
Ion Ratio Lower Upper
152 100
115 60.8 32.3 96.8
150 155.2 0.0 355.8

