

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062023\
 Data File : VN078308.D
 Acq On : 20 Jun 2023 14:36
 Operator : JC\MD
 Sample : 03321-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-21

Quant Time: Jun 21 05:46:55 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)

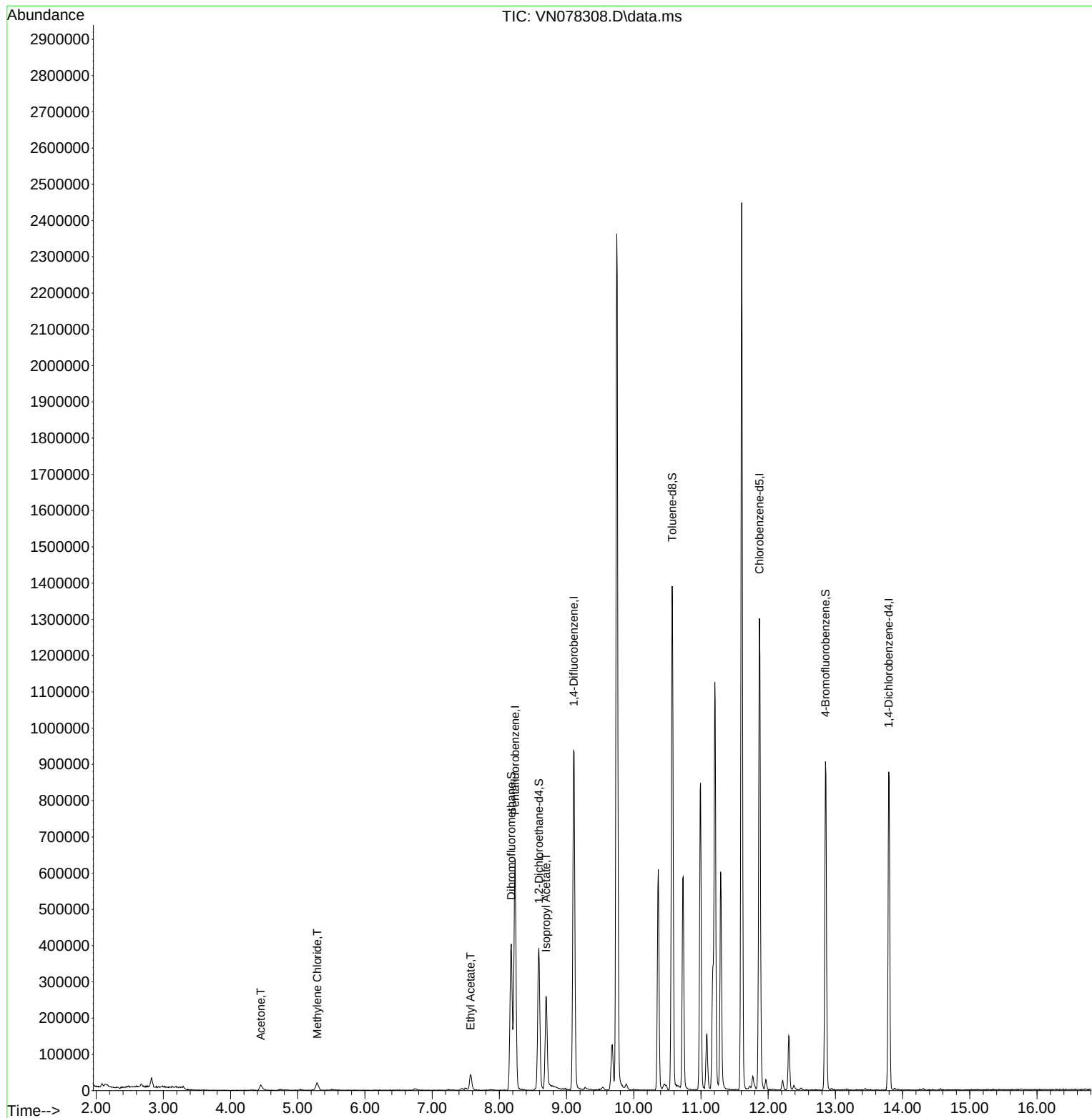
Internal Standards						
1) Pentafluorobenzene	8.236	168	449011	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	841094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	783961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	242436	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	318987	53.283	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.560%	
35) Dibromofluoromethane	8.177	113	295514	55.567	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 111.140%	
50) Toluene-d8	10.571	98	999069	48.731	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 97.460%	
62) 4-Bromofluorobenzene	12.853	95	327512	51.386	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.780%	
Target Compounds						Qvalue
16) Acetone	4.448	43	26573	15.421	ug/l	92
20) Methylene Chloride	5.289	84	14354	2.521	ug/l	92
37) Ethyl Acetate	7.571	43	64230	10.778	ug/l	97
43) Isopropyl Acetate	8.694	43	298949	26.231	ug/l #	84

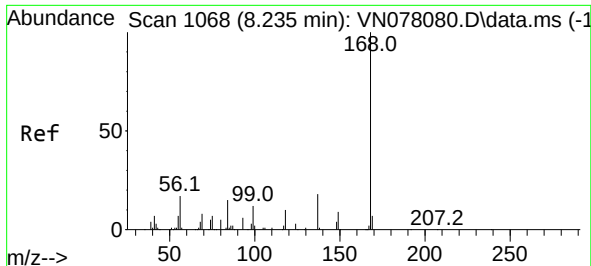
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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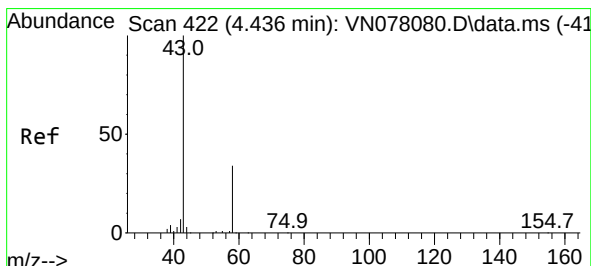
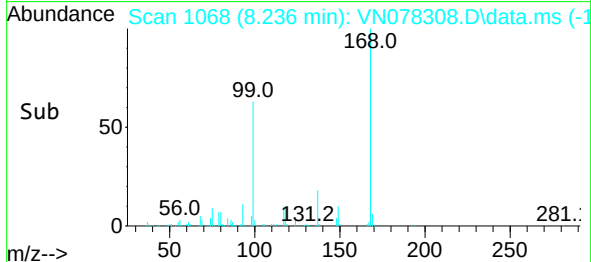
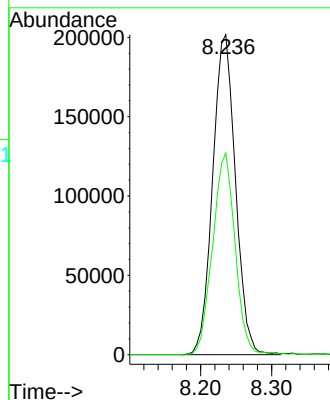
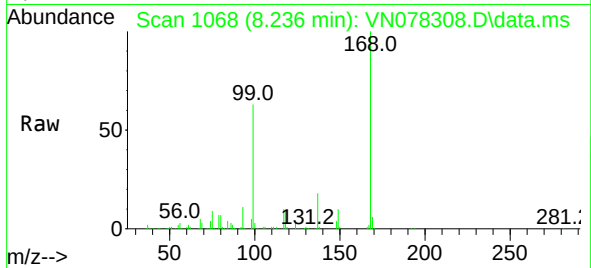




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.001 min
Lab File: VN078308.D
Acq: 20 Jun 2023 14:36

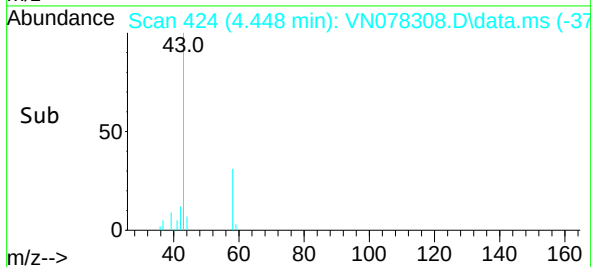
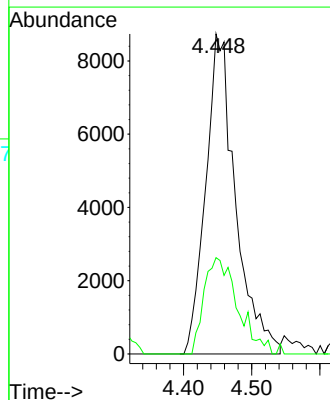
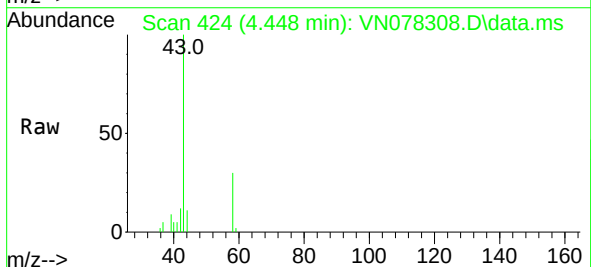
Instrument :
MSVOA_N
ClientSampleId :
WC-21

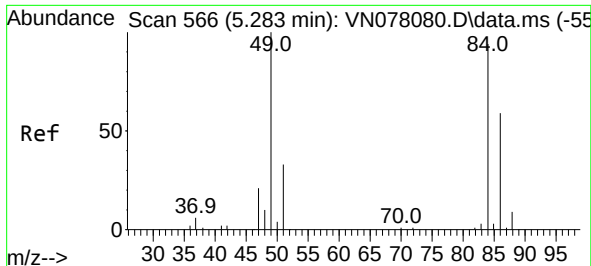
Tgt Ion:168 Resp: 449011
Ion Ratio Lower Upper
168 100
99 63.1 53.0 79.6



#16
Acetone
Concen: 15.421 ug/l
RT: 4.448 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078308.D
Acq: 20 Jun 2023 14:36

Tgt Ion: 43 Resp: 26573
Ion Ratio Lower Upper
43 100
58 30.1 28.0 42.0

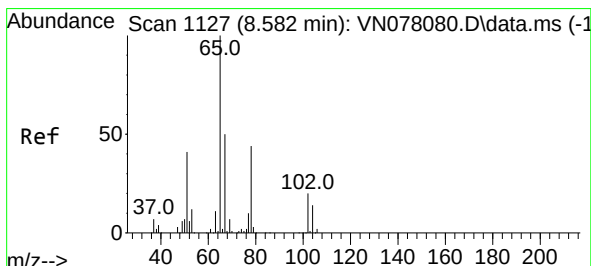
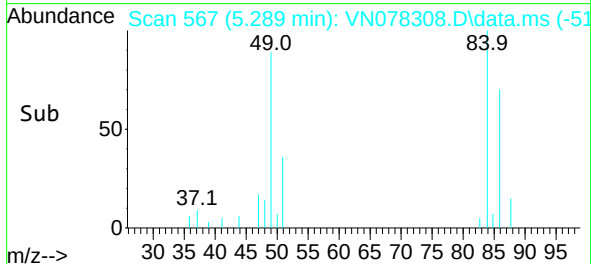
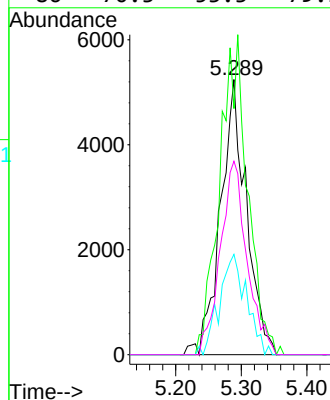
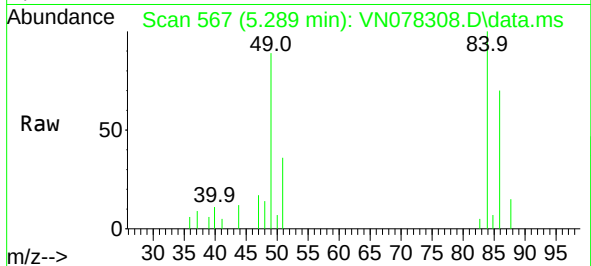




#20
Methylene Chloride
Concen: 2.521 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078308.D
Acq: 20 Jun 2023 14:36

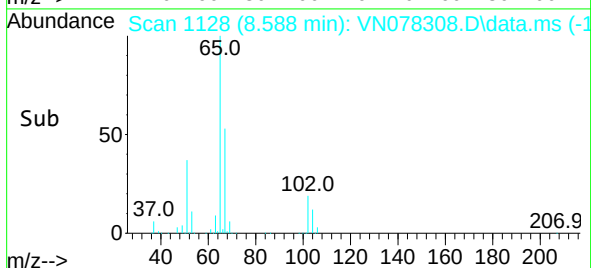
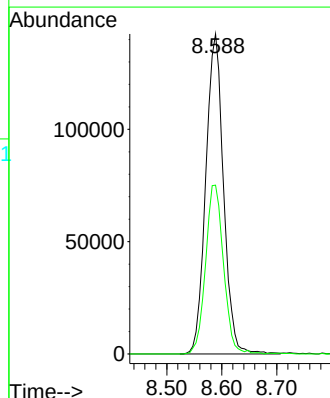
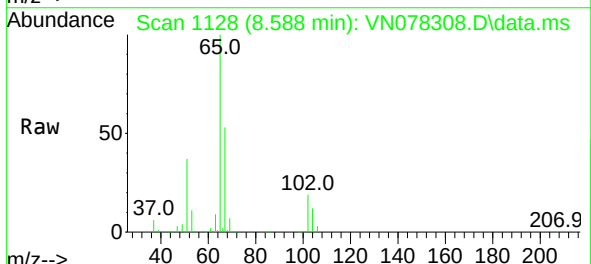
Instrument :
MSVOA_N
ClientSampleId :
WC-21

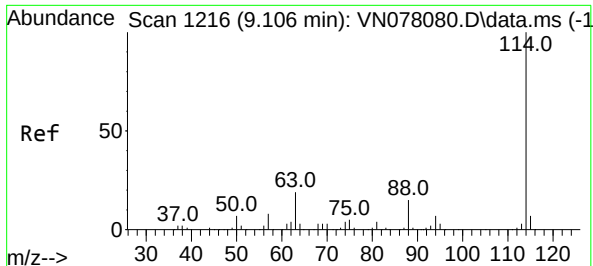
Tgt Ion: 84	Resp: 14354
Ion Ratio	Lower Upper
84 100	
49 89.4	79.7 119.5
51 36.5	25.2 37.8
86 70.3	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 53.283 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078308.D
Acq: 20 Jun 2023 14:36

Tgt Ion: 65	Resp: 318987
Ion Ratio	Lower Upper
65 100	
67 53.4	0.0 106.6

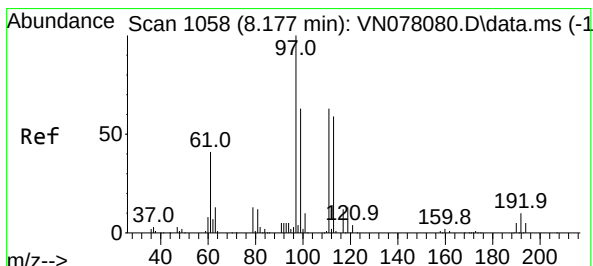
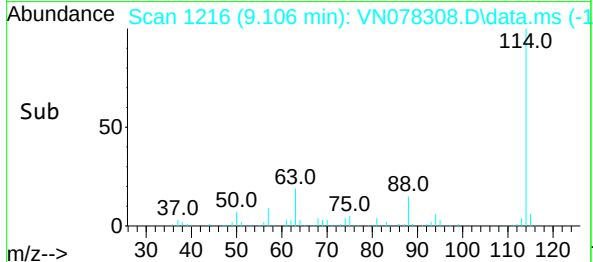
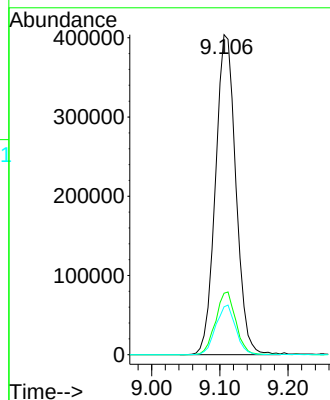
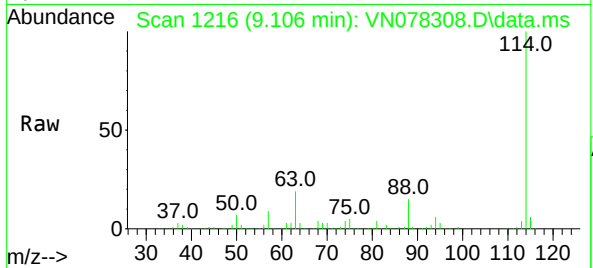




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078308.D
Acq: 20 Jun 2023 14:36

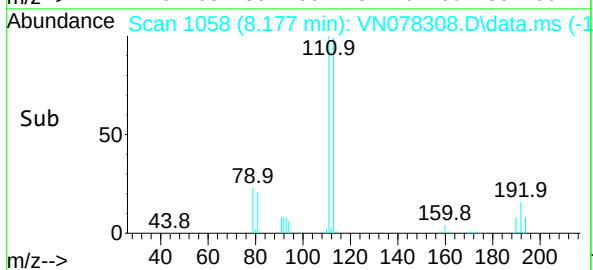
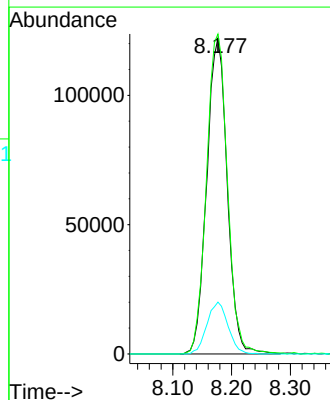
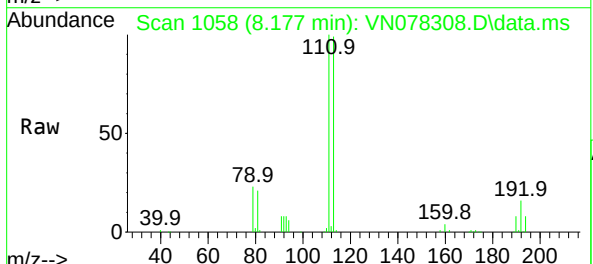
Instrument :
MSVOA_N
ClientSampleId :
WC-21

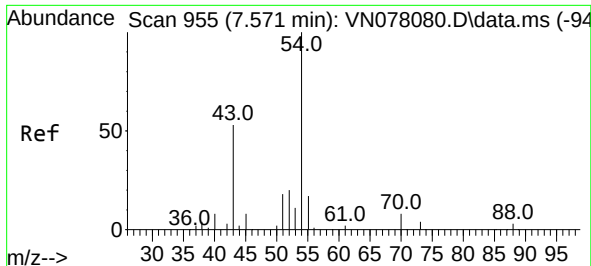
Tgt Ion:114 Resp: 841094
Ion Ratio Lower Upper
114 100
63 19.2 0.0 36.4
88 15.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 55.567 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078308.D
Acq: 20 Jun 2023 14:36

Tgt Ion:113 Resp: 295514
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 16.9 12.7 19.1





#37

Ethyl Acetate

Concen: 10.778 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN078308.D

Acq: 20 Jun 2023 14:36

Instrument :

MSVOA_N

ClientSampleId :

WC-21

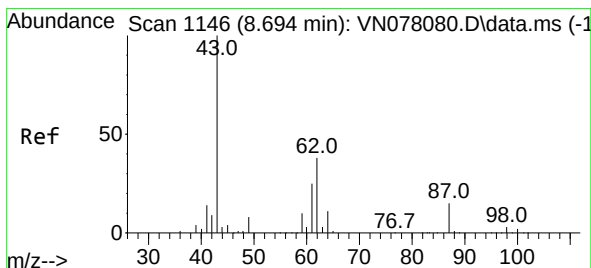
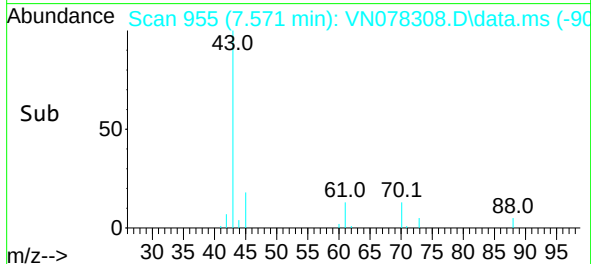
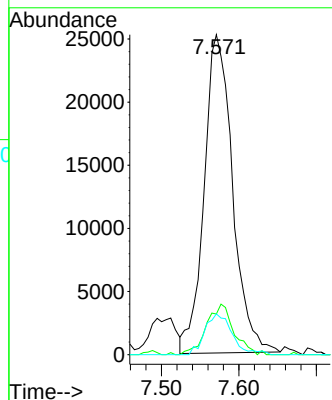
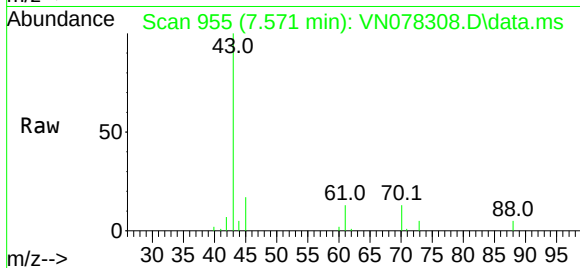
Tgt Ion: 43 Resp: 64230

Ion Ratio Lower Upper

43 100

61 15.3 13.2 19.8

70 12.4 11.3 16.9



#43

Isopropyl Acetate

Concen: 26.231 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078308.D

Acq: 20 Jun 2023 14:36

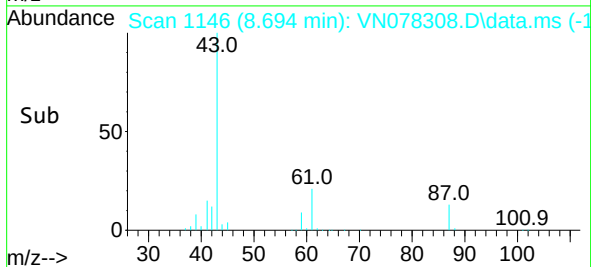
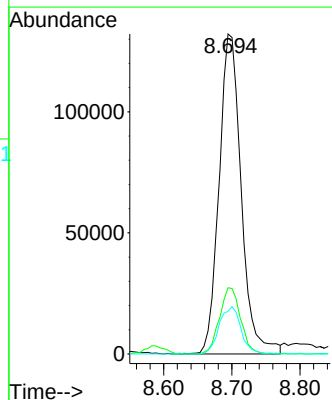
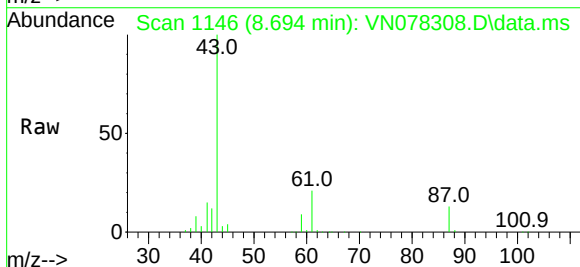
Tgt Ion: 43 Resp: 298949

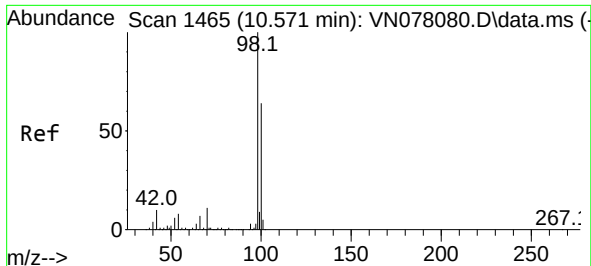
Ion Ratio Lower Upper

43 100

61 19.6 24.7 37.1#

87 14.5 14.6 21.8#

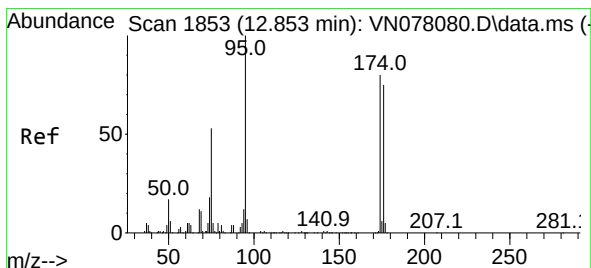
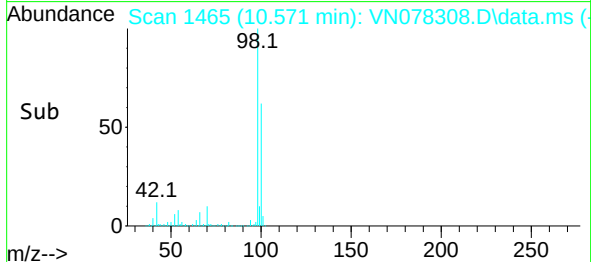
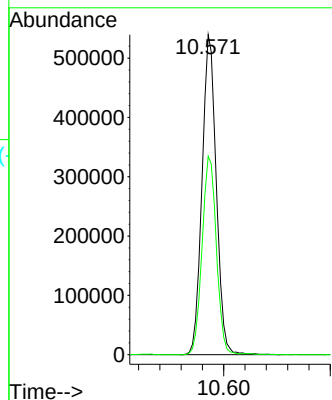
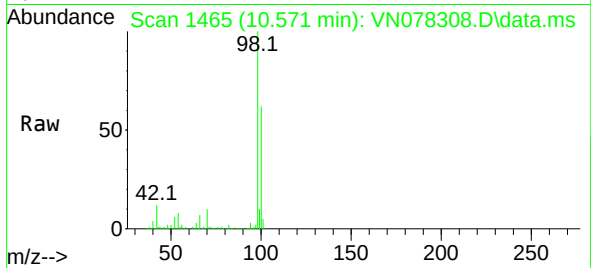




#50
Toluene-d8
Concen: 48.731 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078308.D
Acq: 20 Jun 2023 14:36

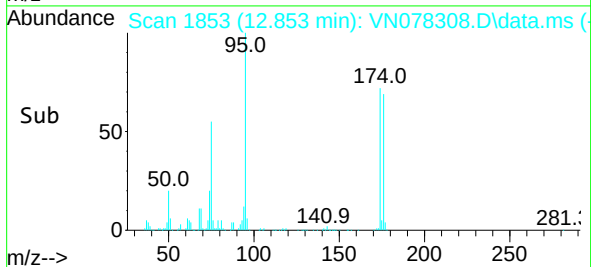
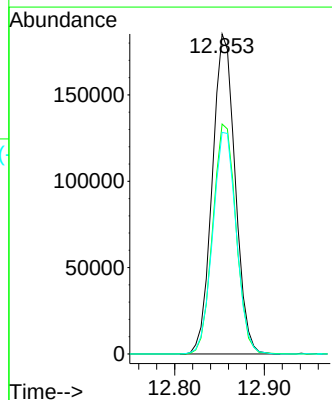
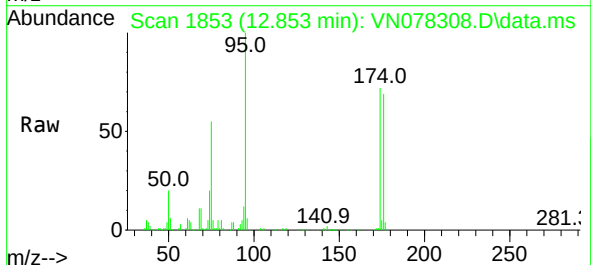
Instrument :
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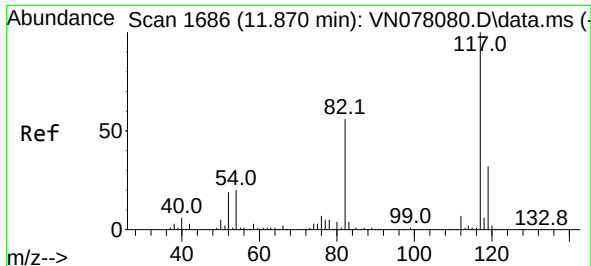
Tgt Ion: 98 Resp: 999069
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.386 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078308.D
Acq: 20 Jun 2023 14:36

Tgt Ion: 95 Resp: 327512
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 71.4 0.0 135.8

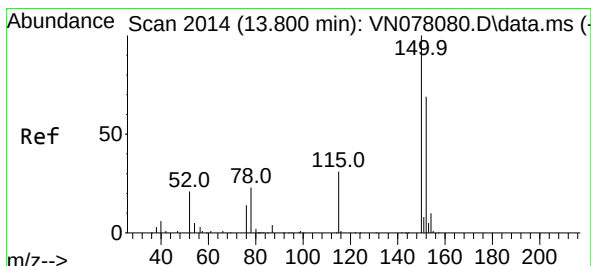
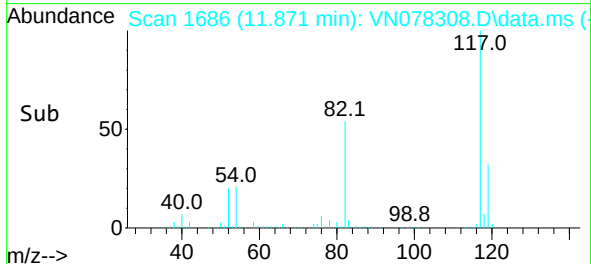
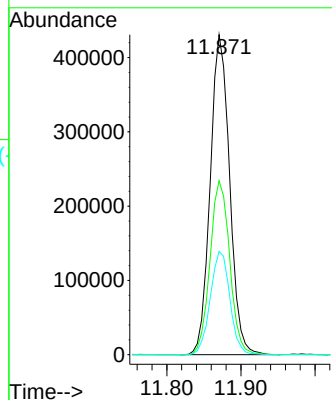
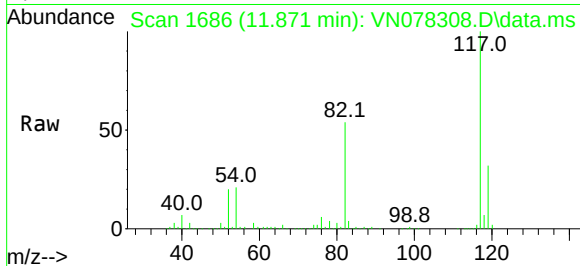




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078308.D
Acq: 20 Jun 2023 14:36

Instrument :
MSVOA_N
ClientSampleId :
WC-21

Tgt Ion:117 Resp: 783961
Ion Ratio Lower Upper
117 100
82 54.3 44.0 66.0
119 32.2 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: VN078308.D
Acq: 20 Jun 2023 14:36

Tgt Ion:152 Resp: 242436
Ion Ratio Lower Upper
152 100
115 61.7 32.3 96.8
150 157.0 0.0 355.8

