

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062023\
 Data File : VN078309.D
 Acq On : 20 Jun 2023 15:00
 Operator : JC\MD
 Sample : 03321-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-20

Quant Time: Jun 21 05:47:19 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)

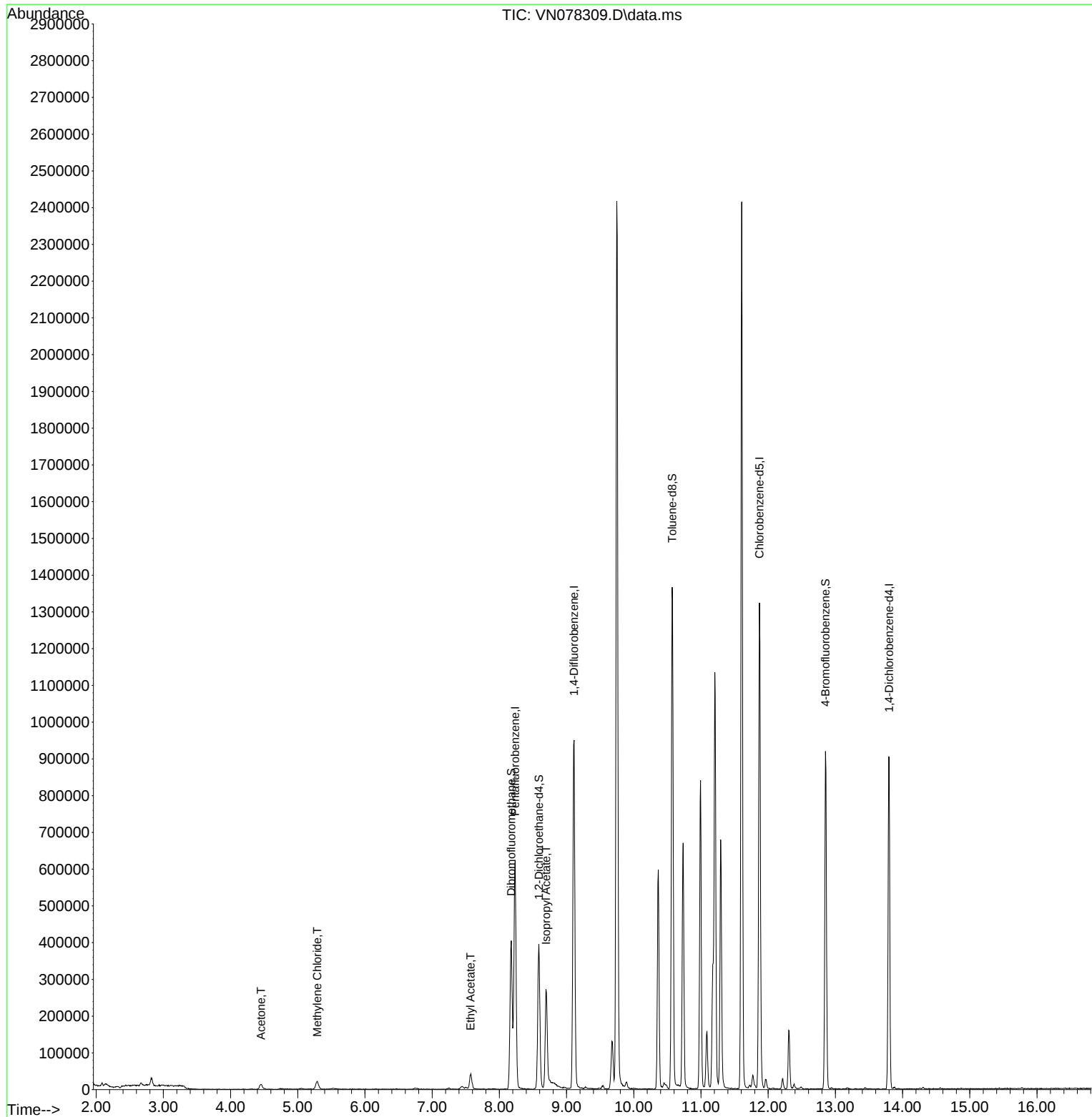
Internal Standards						
1) Pentafluorobenzene	8.235	168	447907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	832015	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	789707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	250597	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	316872	53.060	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 106.120%		
35) Dibromofluoromethane	8.177	113	293883	55.864	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 111.720%		
50) Toluene-d8	10.571	98	999352	49.276	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.560%		
62) 4-Bromofluorobenzene	12.853	95	323365	51.289	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 102.580%		
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	26135	15.204	ug/l	99
20) Methylene Chloride	5.289	84	17274	3.041	ug/l #	77
37) Ethyl Acetate	7.571	43	62732	10.642	ug/l #	95
43) Isopropyl Acetate	8.694	43	311031	27.589	ug/l #	82

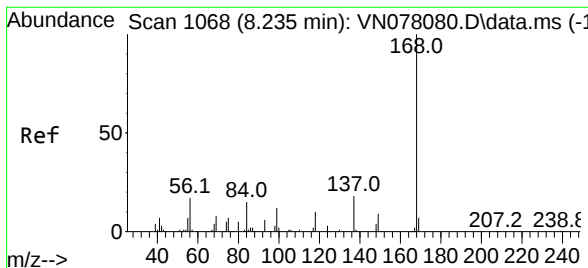
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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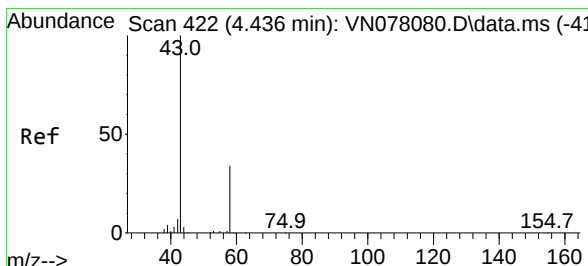
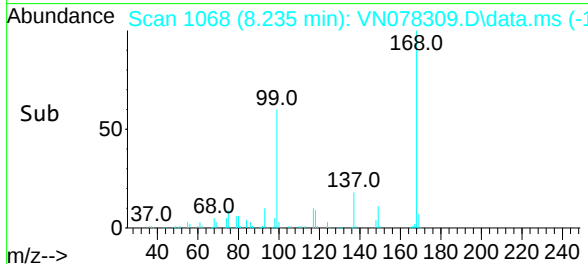
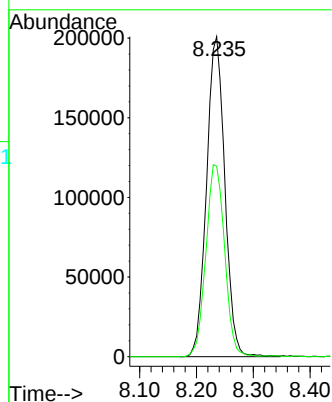
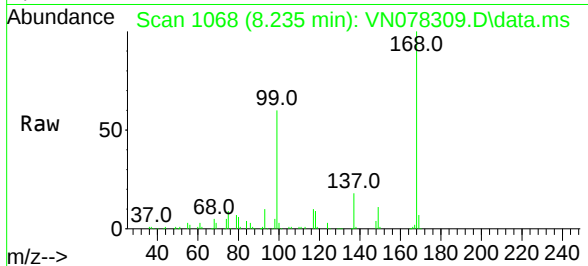




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078309.D
Acq: 20 Jun 2023 15:00

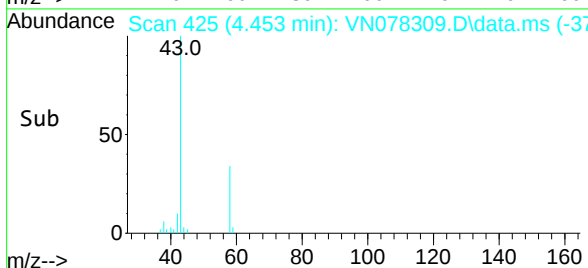
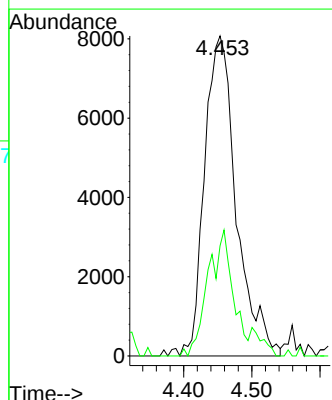
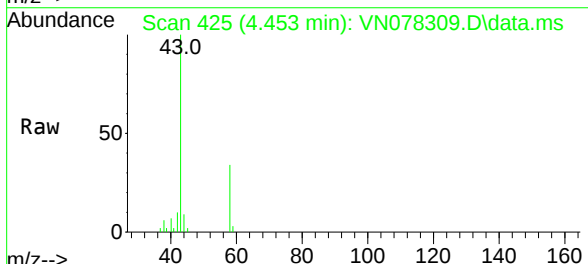
Instrument :
MSVOA_N
ClientSampleId :
WC-20

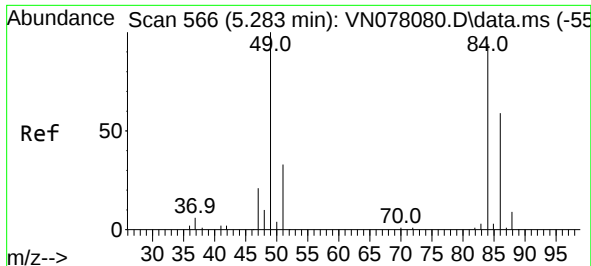
Tgt Ion:168 Resp: 447907
Ion Ratio Lower Upper
168 100
99 59.5 53.0 79.6



#16
Acetone
Concen: 15.204 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.018 min
Lab File: VN078309.D
Acq: 20 Jun 2023 15:00

Tgt Ion: 43 Resp: 26135
Ion Ratio Lower Upper
43 100
58 34.4 28.0 42.0

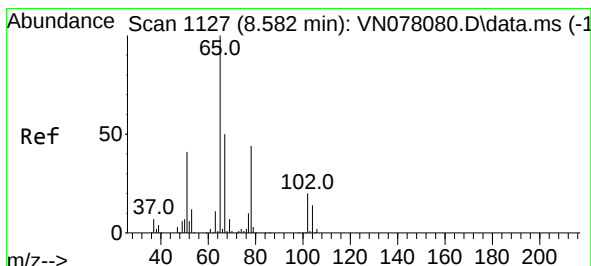
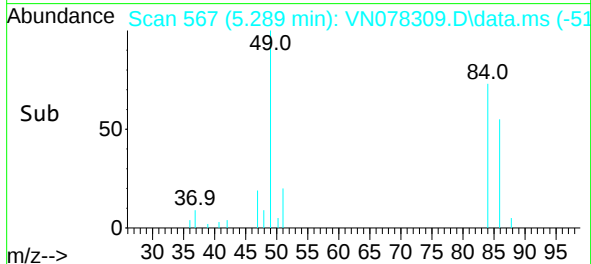
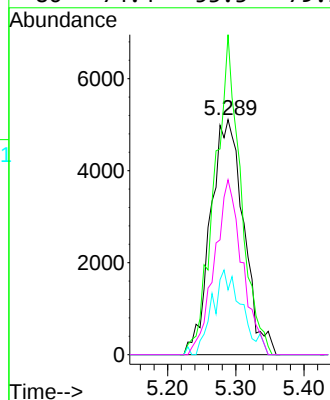
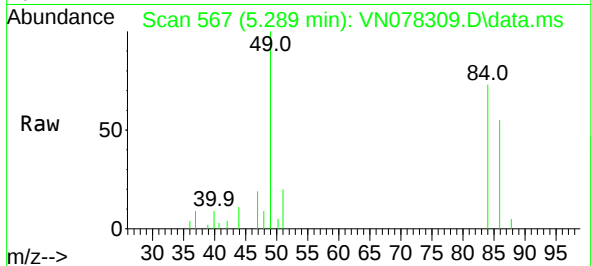




#20
Methylene Chloride
Concen: 3.041 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078309.D
Acq: 20 Jun 2023 15:00

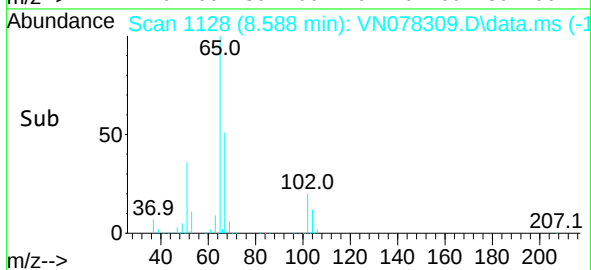
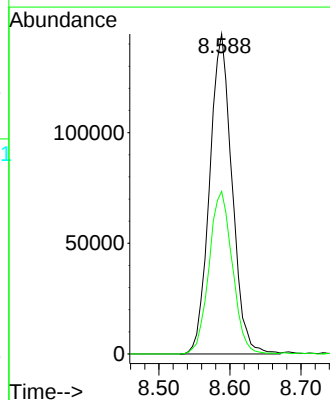
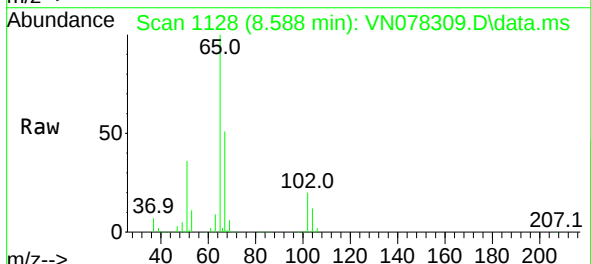
Instrument :
MSVOA_N
ClientSampleId :
WC-20

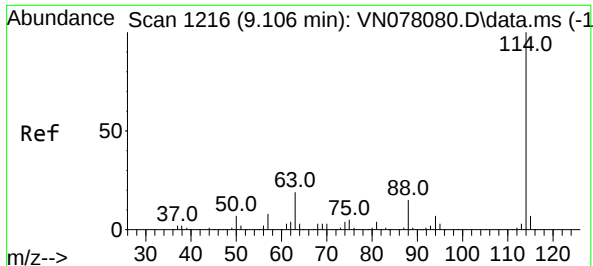
Tgt Ion:	84	Resp:	17274
Ion	Ratio	Lower	Upper
84	100		
49	136.1	79.7	119.5#
51	27.6	25.2	37.8
86	74.4	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 53.060 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078309.D
Acq: 20 Jun 2023 15:00

Tgt Ion:	65	Resp:	316872
Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN078309.D

Acq: 20 Jun 2023 15:00

Instrument :

MSVOA_N

ClientSampleId :

WC-20

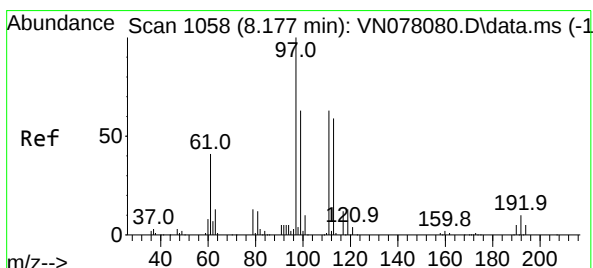
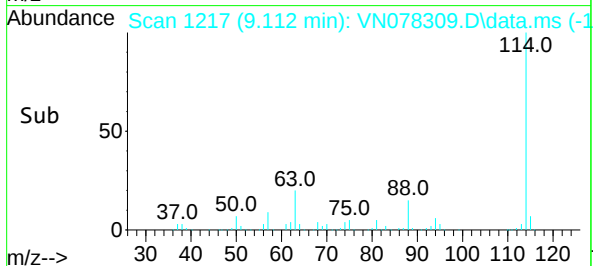
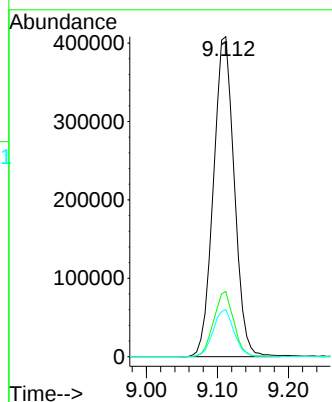
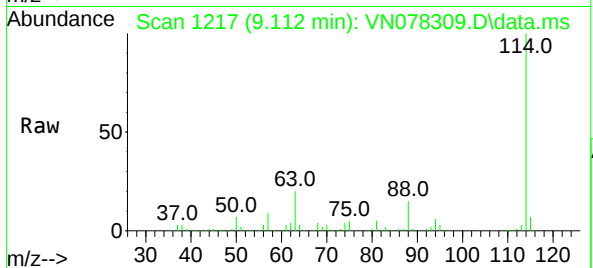
Tgt Ion:114 Resp: 832015

Ion Ratio Lower Upper

114 100

63 20.3 0.0 36.4

88 14.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 55.864 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078309.D

Acq: 20 Jun 2023 15:00

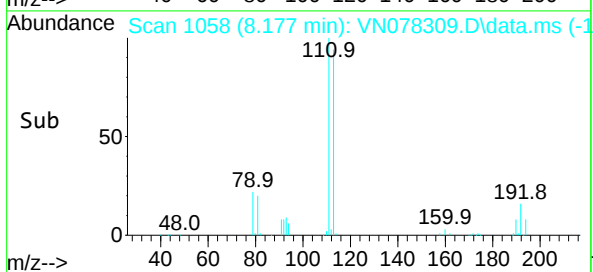
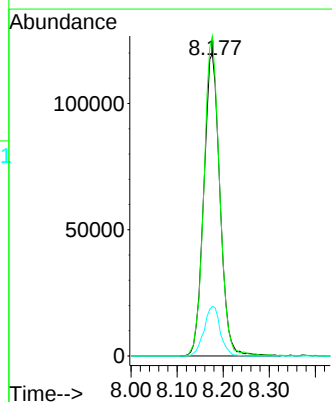
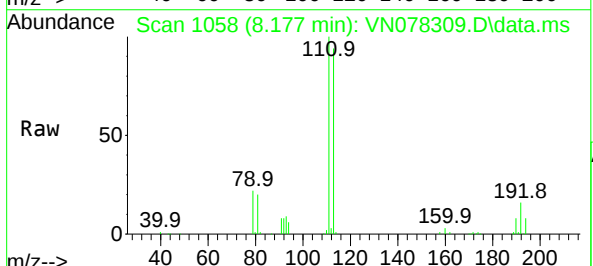
Tgt Ion:113 Resp: 293883

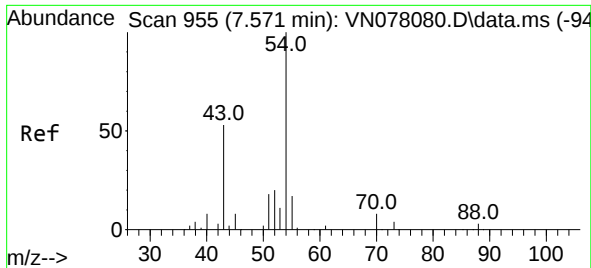
Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

192 16.4 12.7 19.1

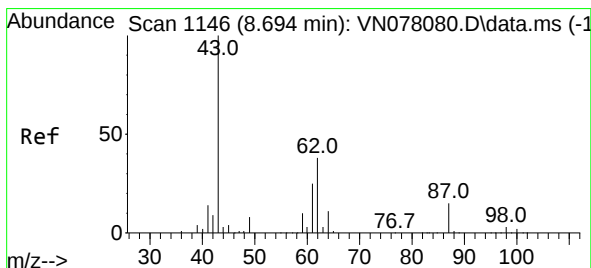
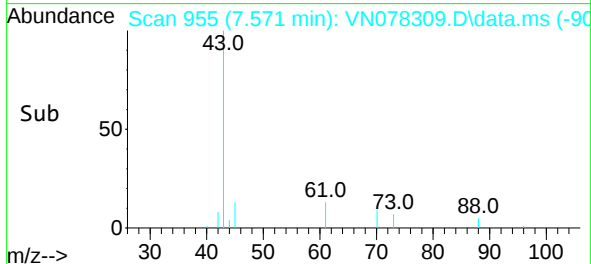
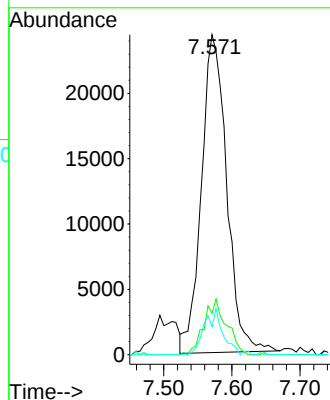
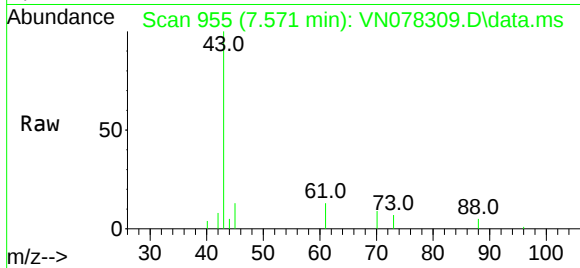




#37
Ethyl Acetate
Concen: 10.642 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078309.D
Acq: 20 Jun 2023 15:00

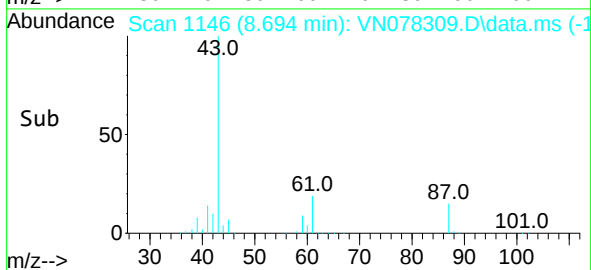
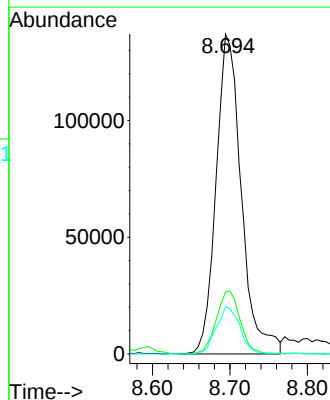
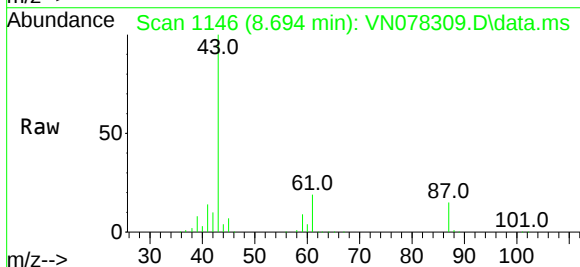
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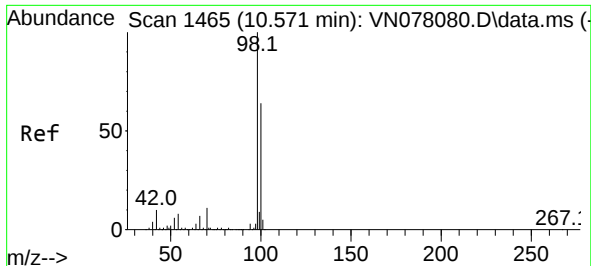
Tgt Ion: 43 Resp: 62732
Ion Ratio Lower Upper
43 100
61 15.5 13.2 19.8
70 10.8 11.3 16.9#



#43
Isopropyl Acetate
Concen: 27.589 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078309.D
Acq: 20 Jun 2023 15:00

Tgt Ion: 43 Resp: 311031
Ion Ratio Lower Upper
43 100
61 18.5 24.7 37.1#
87 13.9 14.6 21.8#

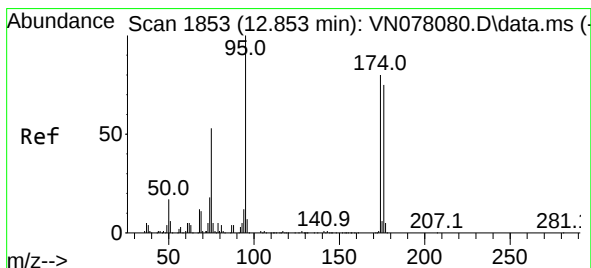
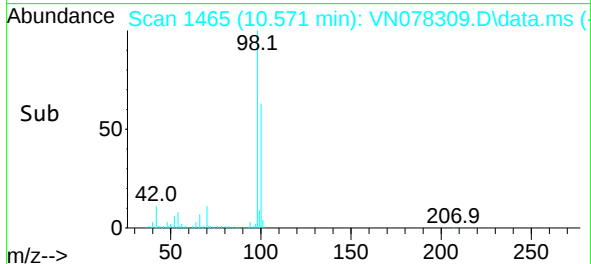
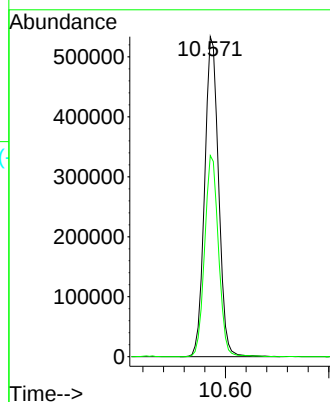
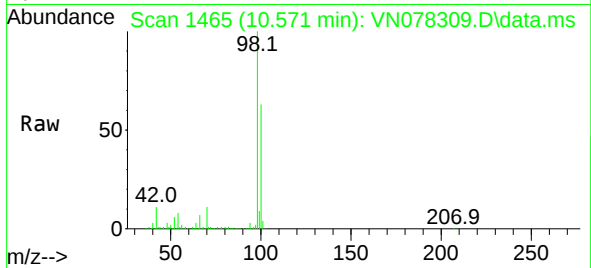




#50
Toluene-d8
Concen: 49.276 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078309.D
Acq: 20 Jun 2023 15:00

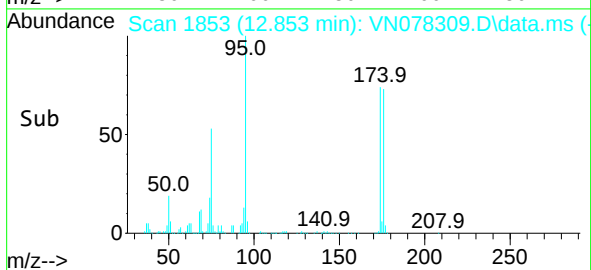
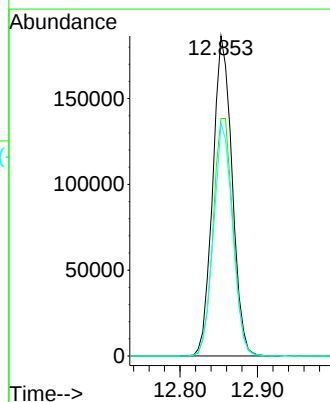
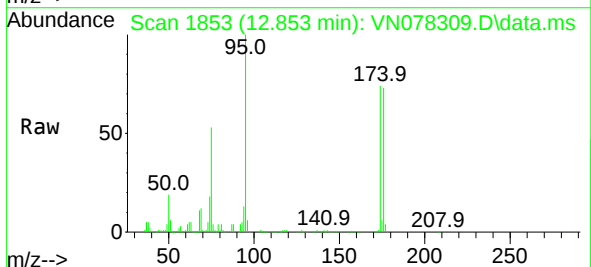
Instrument :
MSVOA_N
ClientSampleId :
WC-20

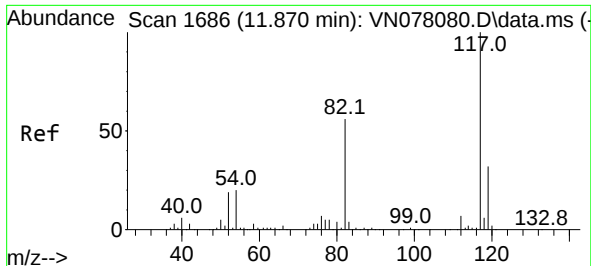
Tgt Ion: 98 Resp: 999352
Ion Ratio Lower Upper
98 100
100 62.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.289 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078309.D
Acq: 20 Jun 2023 15:00

Tgt Ion: 95 Resp: 323365
Ion Ratio Lower Upper
95 100
174 76.4 0.0 143.8
176 72.0 0.0 135.8

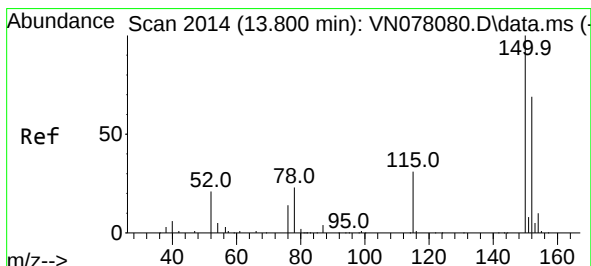
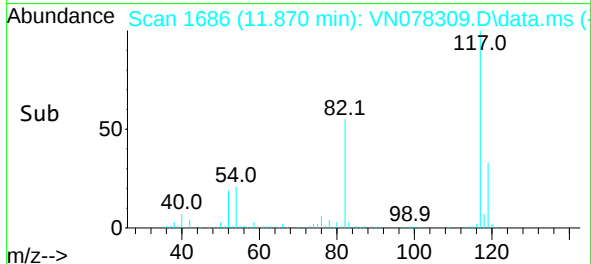
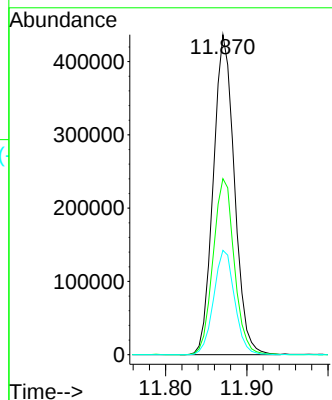
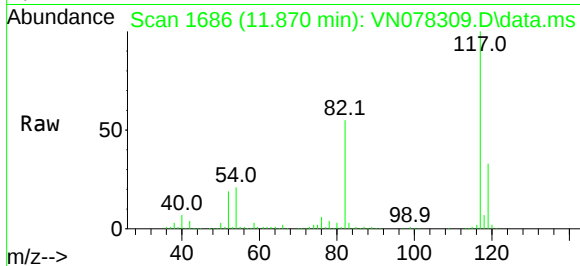




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078309.D
Acq: 20 Jun 2023 15:00

Instrument :
MSVOA_N
ClientSampleId :
WC-20

Tgt Ion:117 Resp: 789707
Ion Ratio Lower Upper
117 100
82 55.0 44.0 66.0
119 32.6 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078309.D
Acq: 20 Jun 2023 15:00

Tgt Ion:152 Resp: 250597
Ion Ratio Lower Upper
152 100
115 59.1 32.3 96.8
150 155.7 0.0 355.8

