

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061923\
 Data File : VN078291.D
 Acq On : 19 Jun 2023 20:15
 Operator : JC\MD
 Sample : 03320-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-14

Quant Time: Jun 20 01:35:07 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)

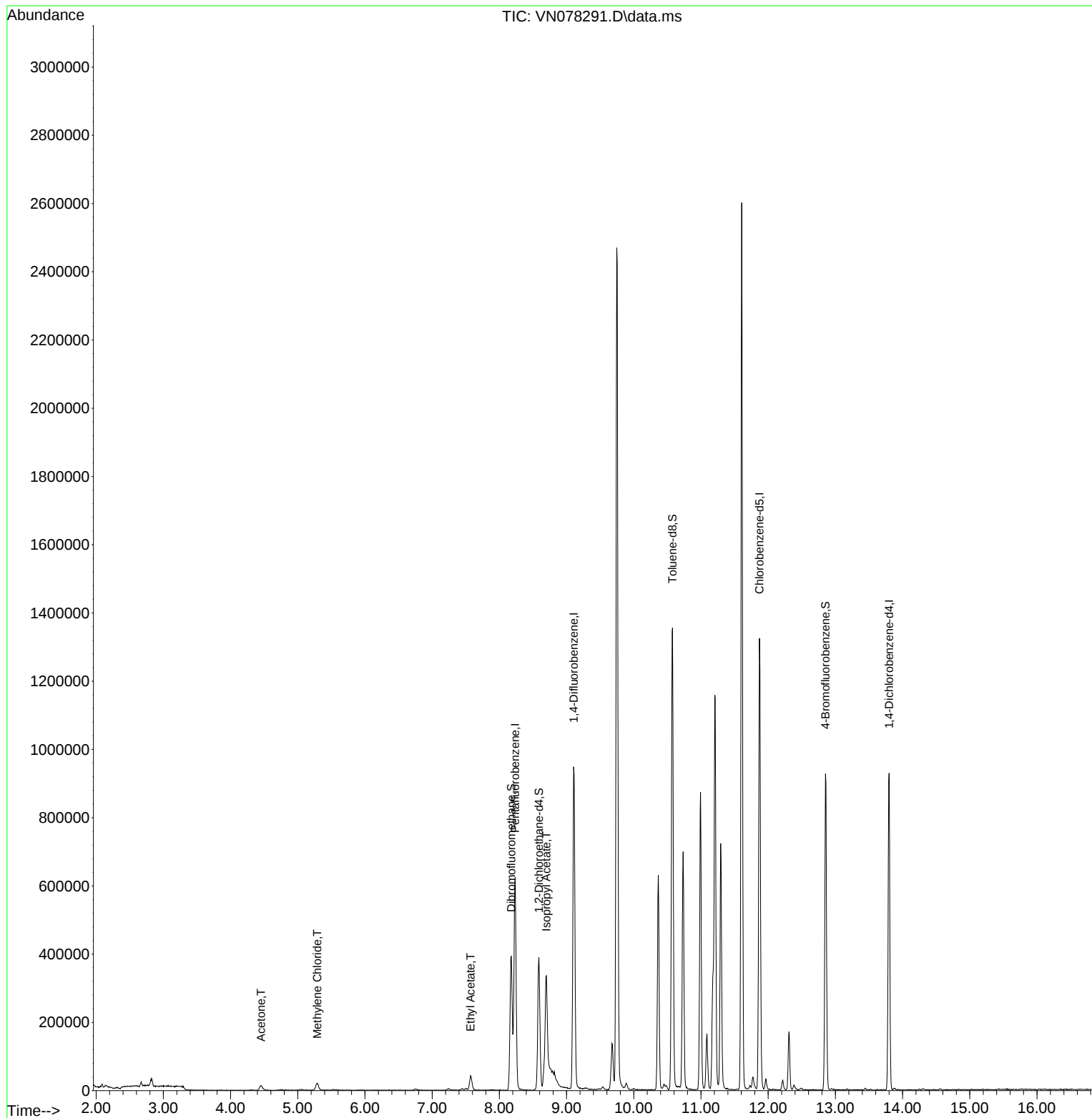
Internal Standards						
1) Pentafluorobenzene	8.235	168	441920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	844247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	786570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	252621	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	315711	53.582	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.160%		
35) Dibromofluoromethane	8.177	113	287233	53.808	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 107.620%		
50) Toluene-d8	10.576	98	980268	47.635	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 95.260%		
62) 4-Bromofluorobenzene	12.853	95	331649	51.841	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 103.680%		
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	27002	15.921	ug/l	98
20) Methylene Chloride	5.289	84	16998	3.033	ug/l	90
37) Ethyl Acetate	7.571	43	62333	10.421	ug/l	96
43) Isopropyl Acetate	8.700	43	464354	40.593	ug/l #	73

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

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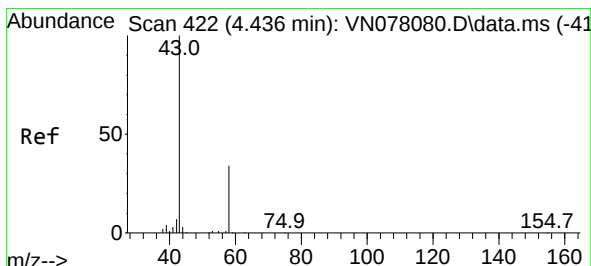
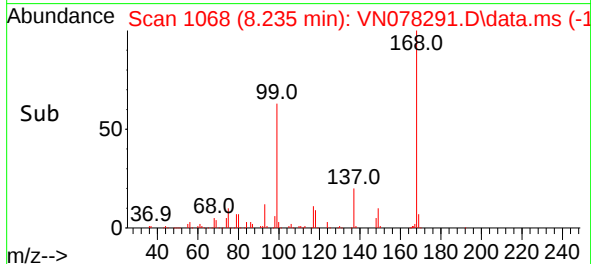
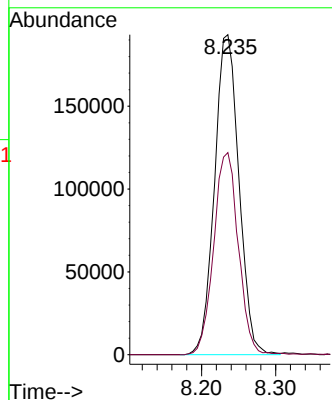
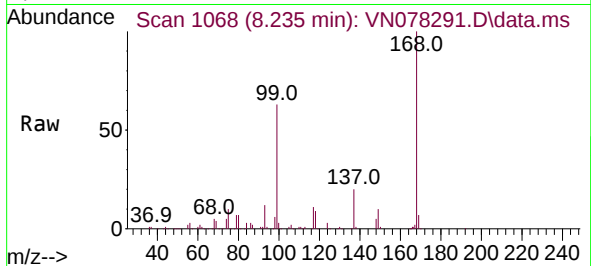




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078291.D
Acq: 19 Jun 2023 20:15

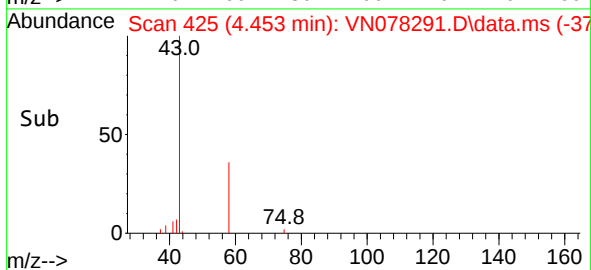
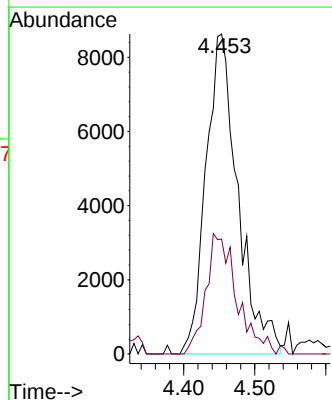
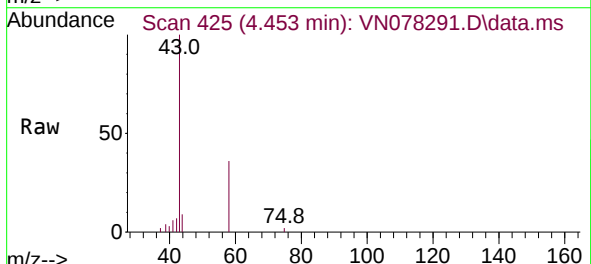
Instrument :
MSVOA_N
ClientSampleId :
WC-14

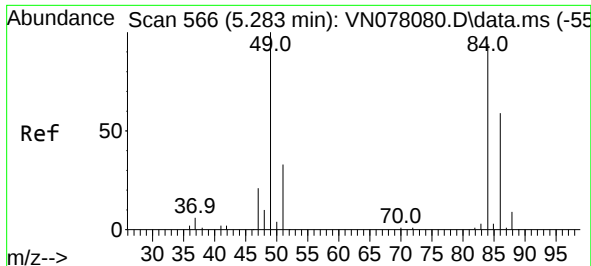
Tgt Ion:168 Resp: 441920
Ion Ratio Lower Upper
168 100
99 63.2 53.0 79.6



#16
Acetone
Concen: 15.921 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.018 min
Lab File: VN078291.D
Acq: 19 Jun 2023 20:15

Tgt Ion: 43 Resp: 27002
Ion Ratio Lower Upper
43 100
58 35.9 28.0 42.0

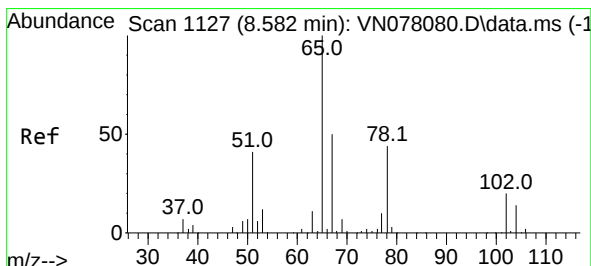
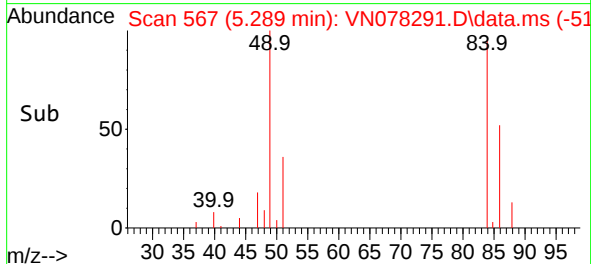
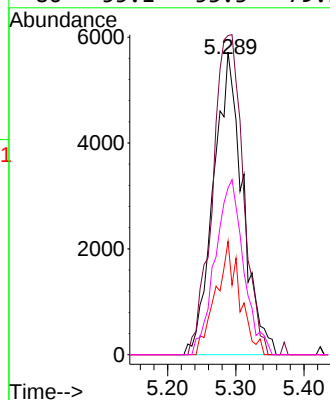
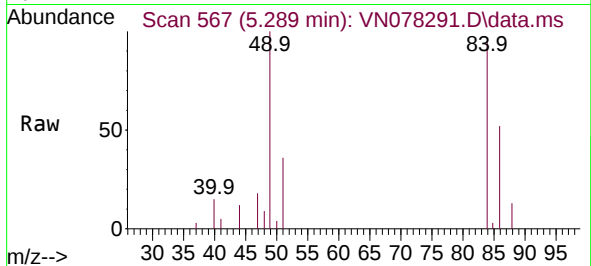




#20
Methylene Chloride
Concen: 3.033 ug/l
RT: 5.289 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN078291.D
Acq: 19 Jun 2023 20:15

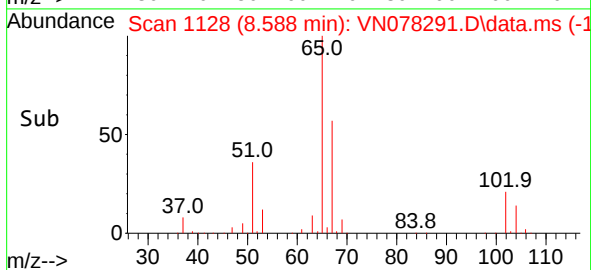
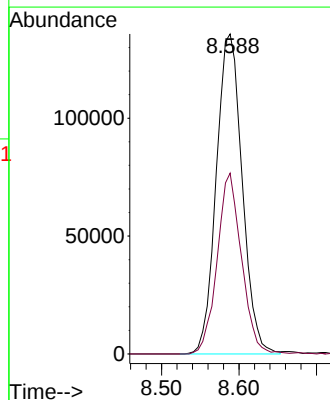
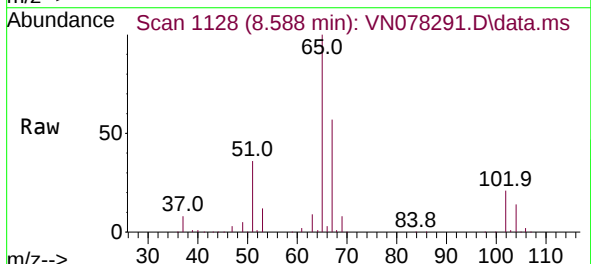
Instrument :
MSVOA_N
ClientSampleId :
WC-14

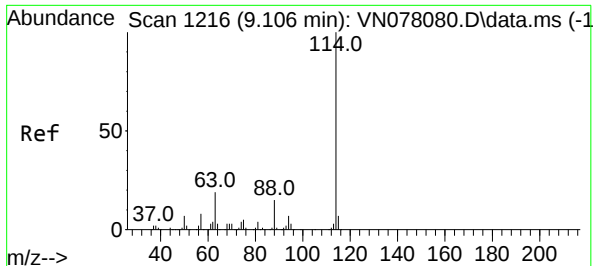
Tgt Ion: 84	Resp: 16998		
Ion	Ratio	Lower	Upper
84	100		
49	105.4	79.7	119.5
51	37.5	25.2	37.8
86	55.1	53.3	79.9



#33
1,2-Dichloroethane-d4
Concen: 53.582 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN078291.D
Acq: 19 Jun 2023 20:15

Tgt Ion: 65	Resp: 315711
Ion Ratio	Lower Upper
65 100	
67 53.0	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: VN078291.D

Acq: 19 Jun 2023 20:15

Instrument :

MSVOA_N

ClientSampleId :

WC-14

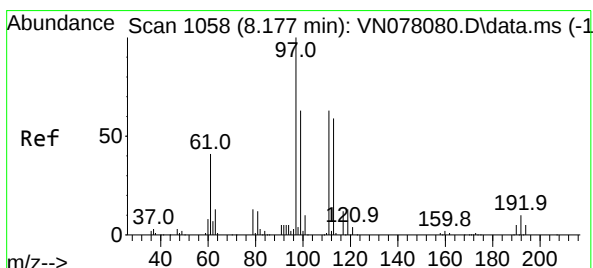
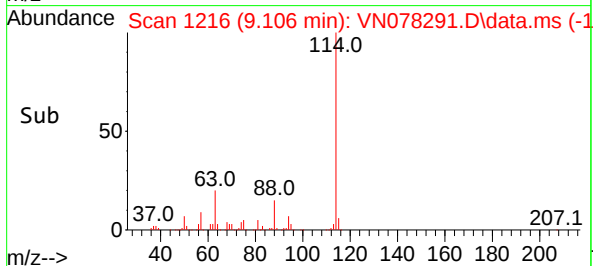
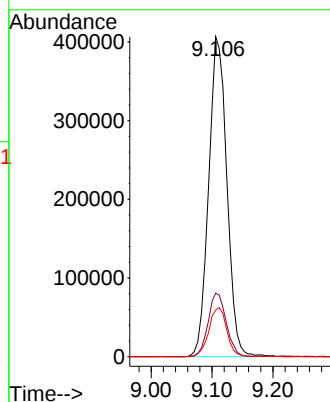
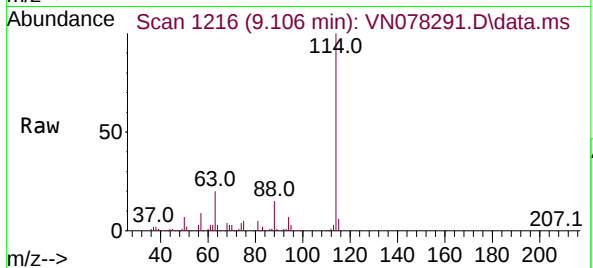
Tgt Ion:114 Resp: 844247

Ion Ratio Lower Upper

114 100

63 19.9 0.0 36.4

88 14.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 53.808 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078291.D

Acq: 19 Jun 2023 20:15

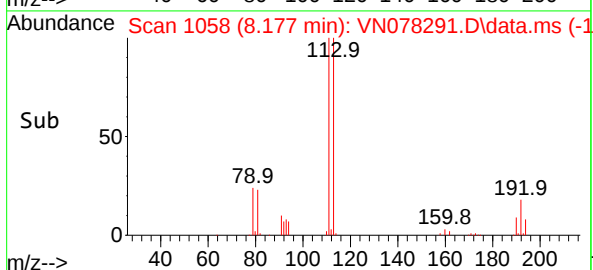
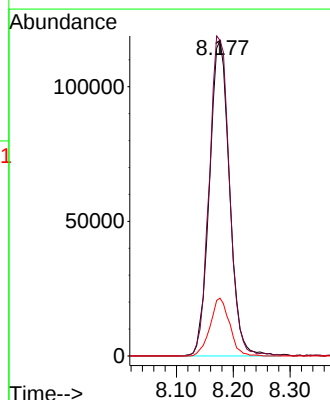
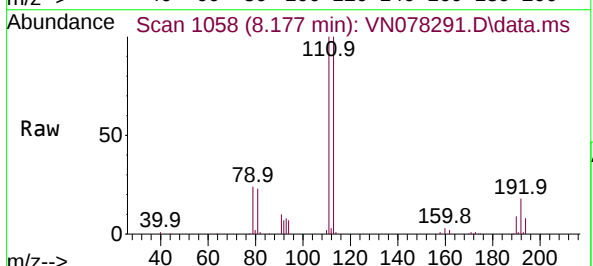
Tgt Ion:113 Resp: 287233

Ion Ratio Lower Upper

113 100

111 101.6 82.6 123.8

192 17.7 12.7 19.1

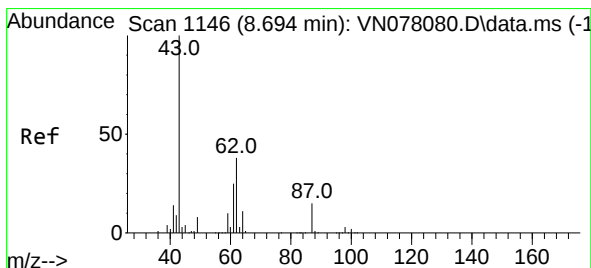
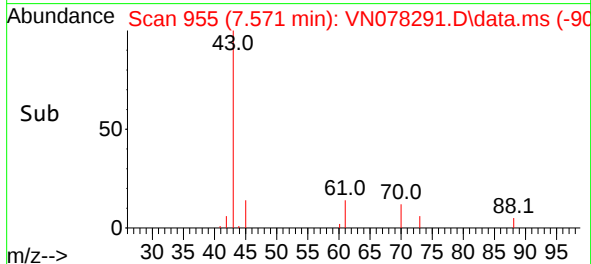
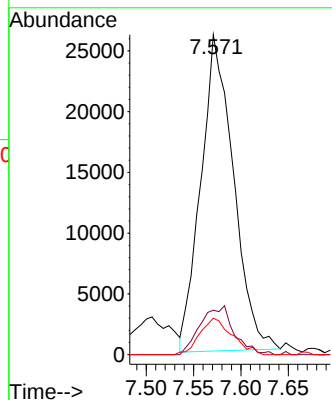
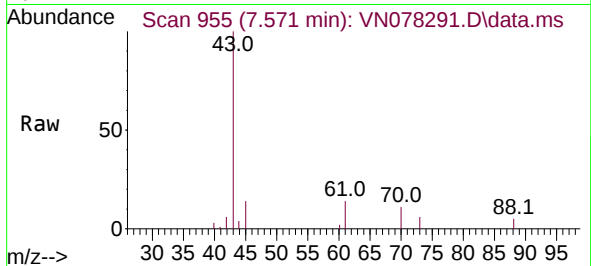




#37
Ethyl Acetate
Concen: 10.421 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078291.D
Acq: 19 Jun 2023 20:15

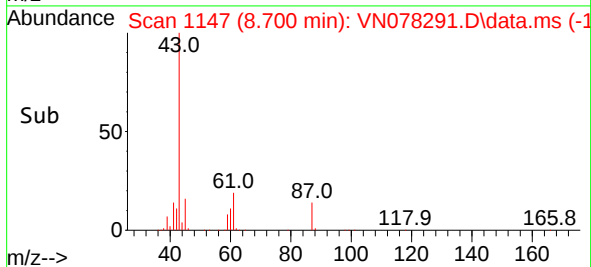
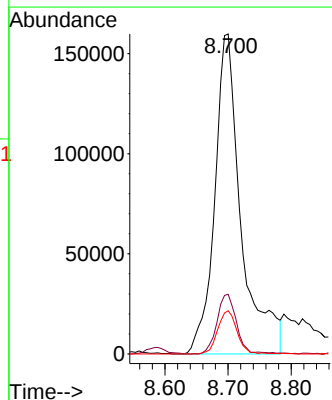
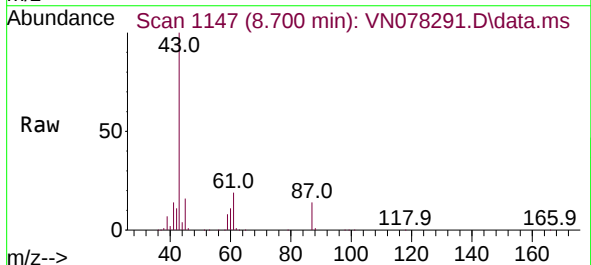
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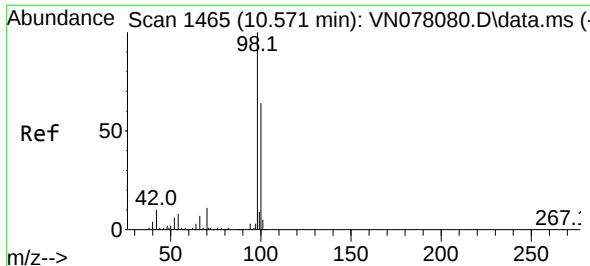
Tgt Ion: 43 Resp: 62333
Ion Ratio Lower Upper
43 100
61 15.9 13.2 19.8
70 11.5 11.3 16.9



#43
Isopropyl Acetate
Concen: 40.593 ug/l
RT: 8.700 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VN078291.D
Acq: 19 Jun 2023 20:15

Tgt Ion: 43 Resp: 464354
Ion Ratio Lower Upper
43 100
61 13.5 24.7 37.1#
87 9.9 14.6 21.8#

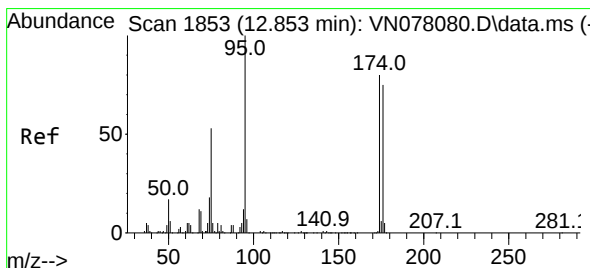
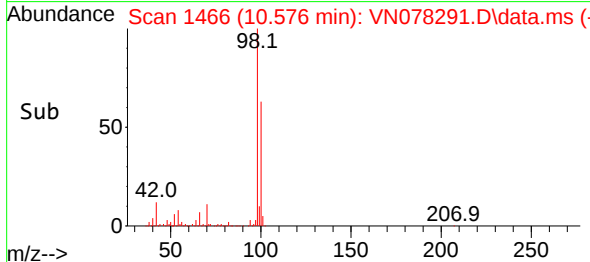
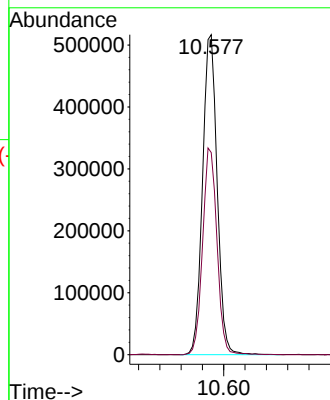
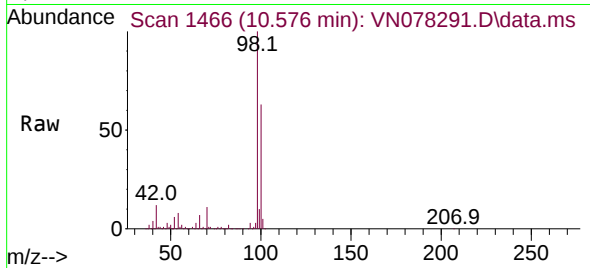




#50
Toluene-d8
Concen: 47.635 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN078291.D
Acq: 19 Jun 2023 20:15

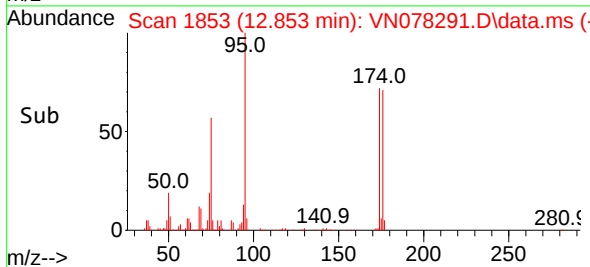
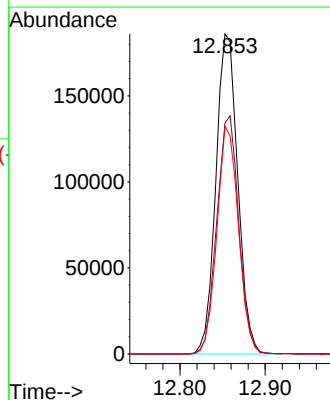
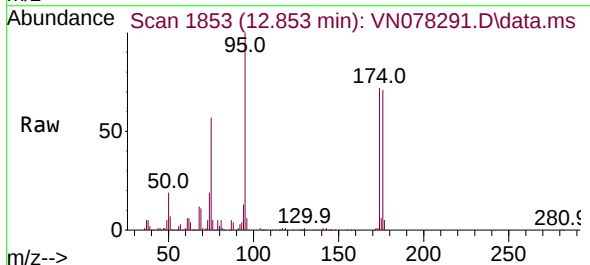
Instrument :
MSVOA_N
ClientSampleId :
WC-14

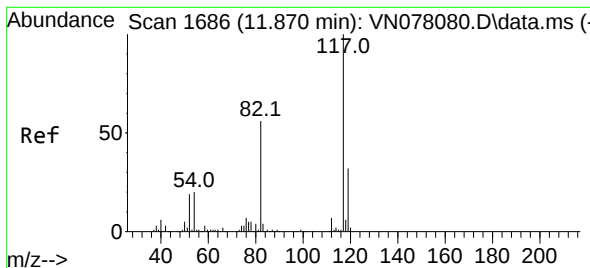
Tgt Ion: 98 Resp: 980268
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 51.841 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078291.D
Acq: 19 Jun 2023 20:15

Tgt Ion: 95 Resp: 331649
Ion Ratio Lower Upper
95 100
174 74.7 0.0 143.8
176 70.2 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078291.D

Acq: 19 Jun 2023 20:15

Instrument :

MSVOA_N

ClientSampleId :

WC-14

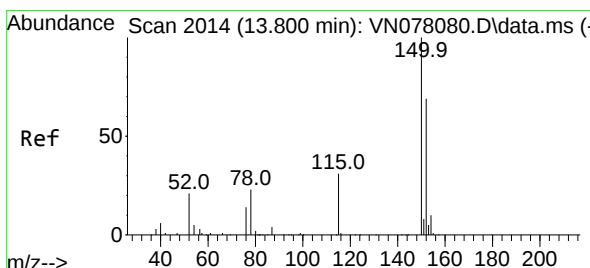
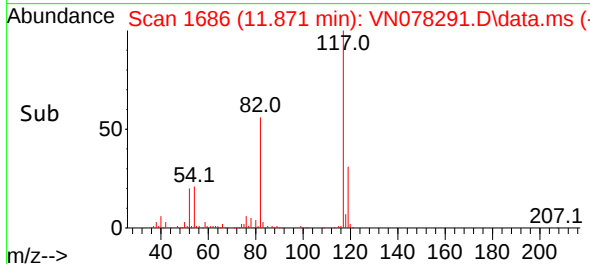
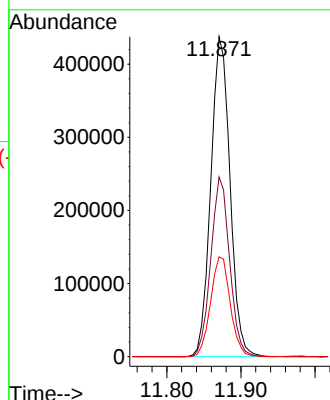
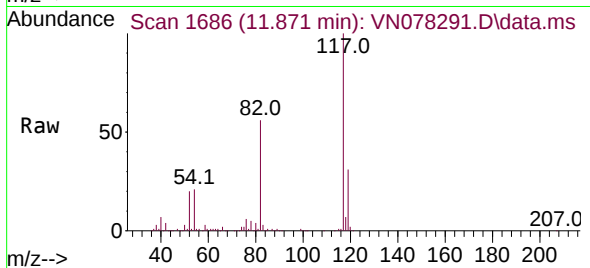
Tgt Ion:117 Resp: 786570

Ion Ratio Lower Upper

117 100

82 56.1 44.0 66.0

119 31.2 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: VN078291.D

Acq: 19 Jun 2023 20:15

Tgt Ion:152 Resp: 252621

Ion Ratio Lower Upper

152 100

115 61.7 32.3 96.8

150 156.3 0.0 355.8

