

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052024\
 Data File : VN082221.D
 Acq On : 20 May 2024 19:48
 Operator : JC\MD
 Sample : P2518-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-MH-FF

Quant Time: May 21 03:53:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

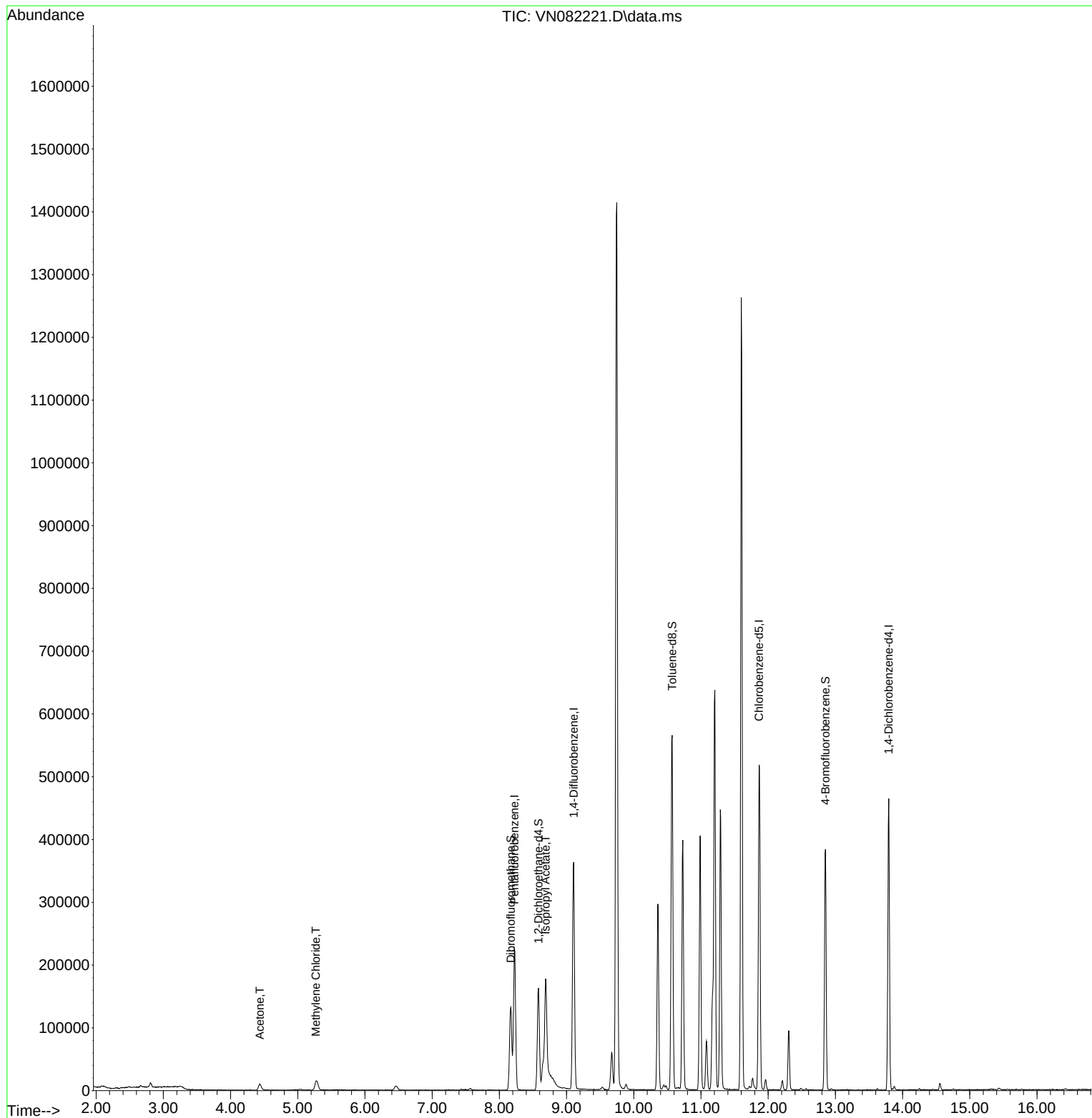
Internal Standards						
1) Pentafluorobenzene	8.224	168	154772	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	282210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	277217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	114396	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	133340	54.561	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.120%	
35) Dibromofluoromethane	8.171	113	93129	53.645	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.280%	
50) Toluene-d8	10.571	98	374154	56.215	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.420%	
62) 4-Bromofluorobenzene	12.853	95	125508	52.832	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 105.660%	
Target Compounds						
						Qvalue
16) Acetone	4.436	43	19821	19.771	ug/l #	88
20) Methylene Chloride	5.271	84	11167	5.521	ug/l #	80
43) Isopropyl Acetate	8.688	43	265847	46.044	ug/l #	71

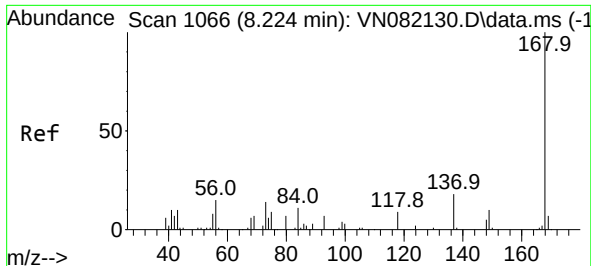
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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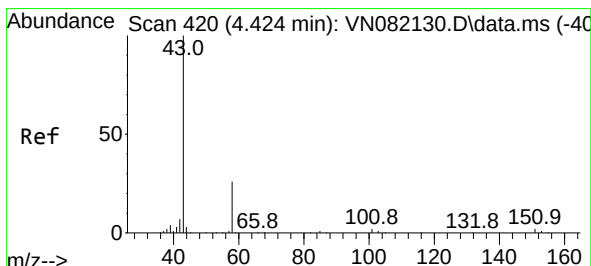
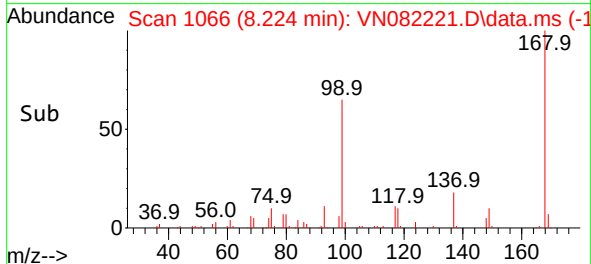
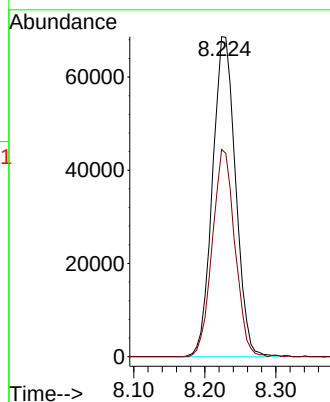
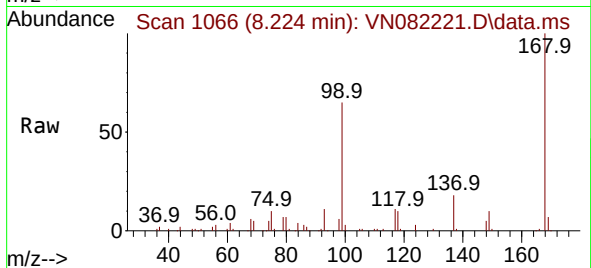




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082221.D
Acq: 20 May 2024 19:48

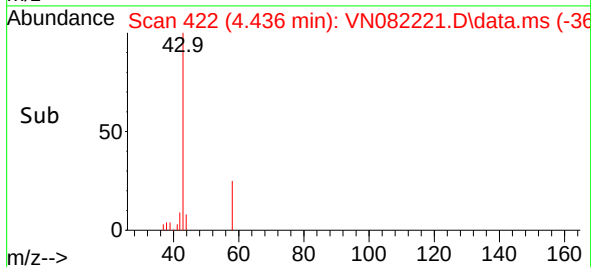
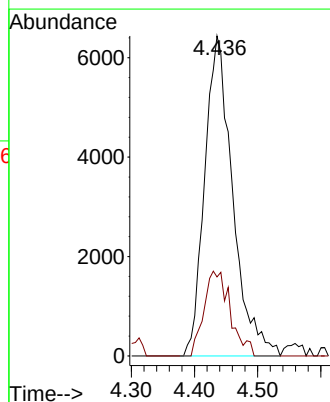
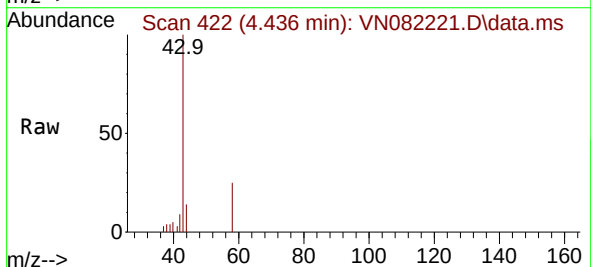
Instrument :
MSVOA_N
ClientSampleId :
WC-MH-FF

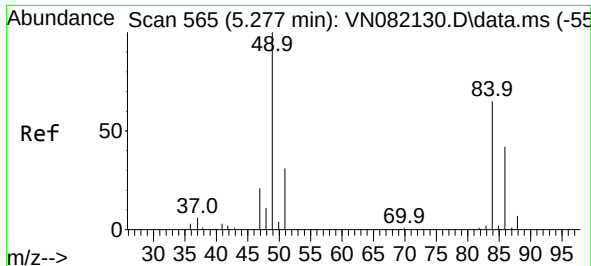
Tgt Ion:168 Resp: 154772
Ion Ratio Lower Upper
168 100
99 64.8 48.2 72.4



#16
Acetone
Concen: 19.771 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN082221.D
Acq: 20 May 2024 19:48

Tgt Ion: 43 Resp: 19821
Ion Ratio Lower Upper
43 100
58 24.7 25.2 37.8#

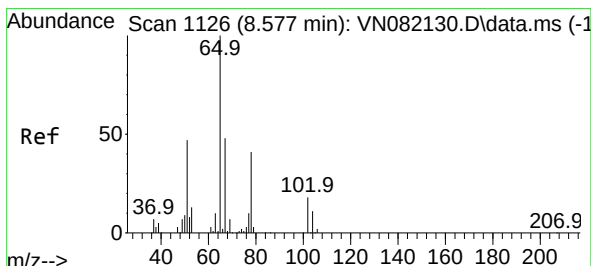
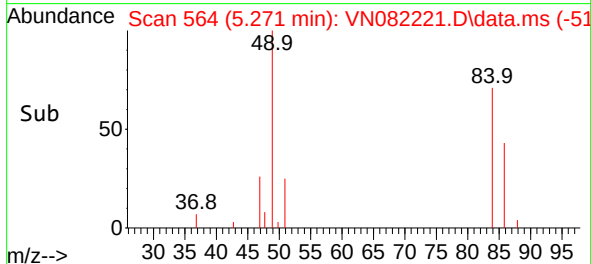
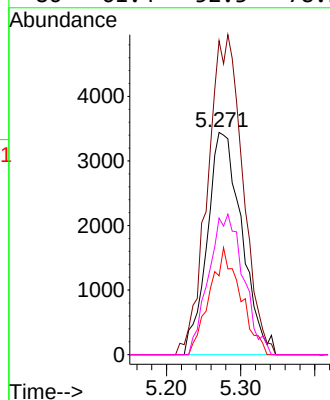
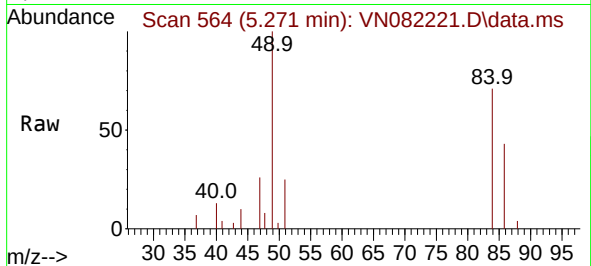




#20
Methylene Chloride
Concen: 5.521 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN082221.D
Acq: 20 May 2024 19:48

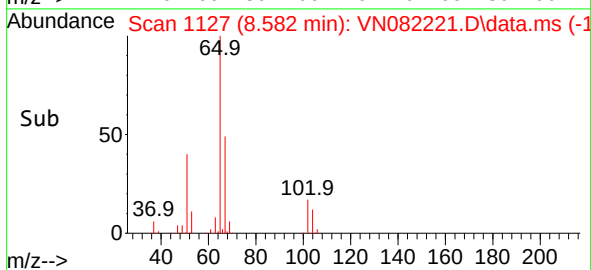
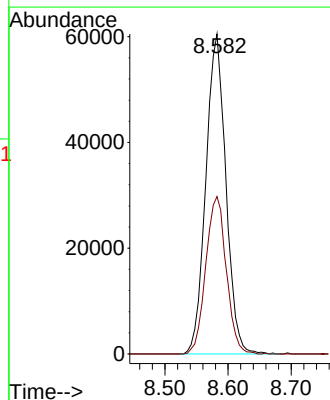
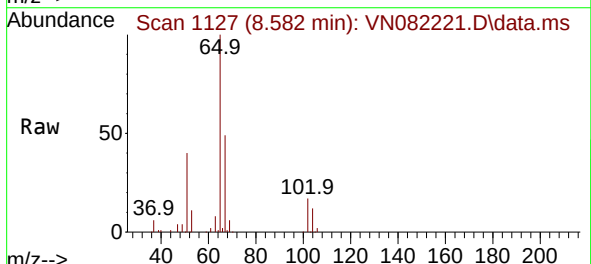
Instrument :
MSVOA_N
ClientSampleId :
WC-MH-FF

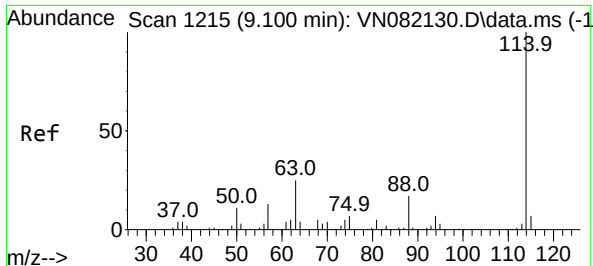
Tgt Ion: 84	Resp: 11167
Ion Ratio	Lower Upper
84 100	
49 141.2	84.9 127.3#
51 35.5	27.0 40.6
86 61.4	52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 54.561 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN082221.D
Acq: 20 May 2024 19:48

Tgt Ion: 65	Resp: 133340
Ion Ratio	Lower Upper
65 100	
67 50.3	0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN082221.D

Acq: 20 May 2024 19:48

Instrument :

MSVOA_N

ClientSampleId :

WC-MH-FF

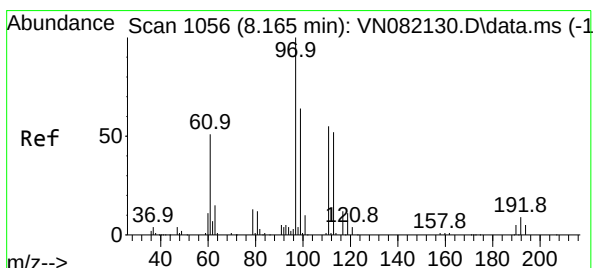
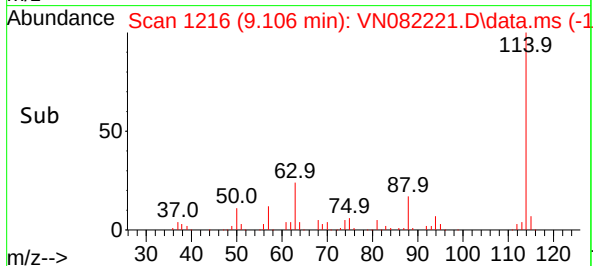
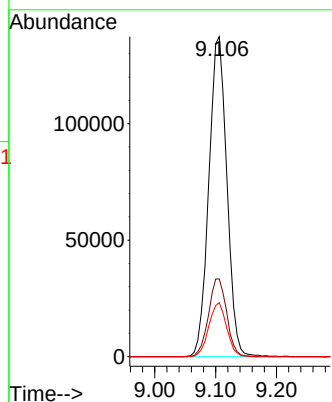
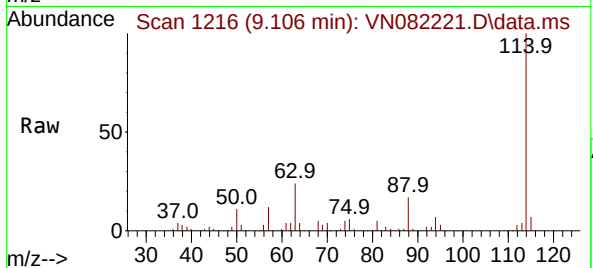
Tgt Ion:114 Resp: 282210

Ion Ratio Lower Upper

114 100

63 24.3 0.0 41.0

88 16.9 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.645 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082221.D

Acq: 20 May 2024 19:48

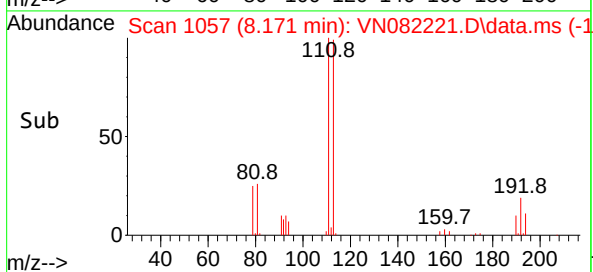
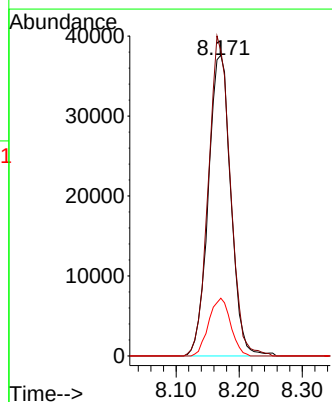
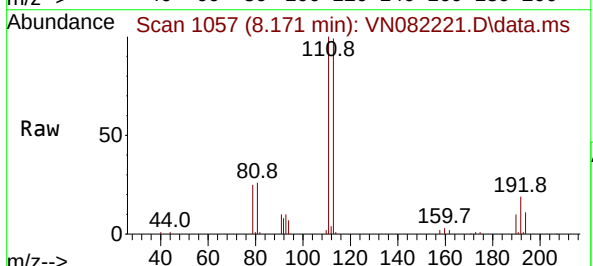
Tgt Ion:113 Resp: 93129

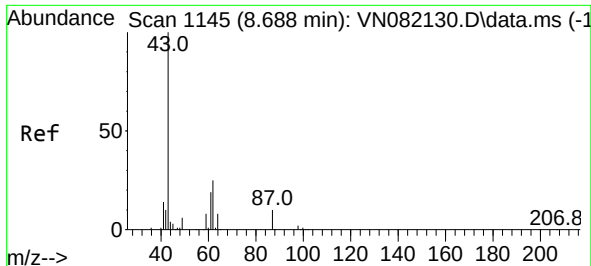
Ion Ratio Lower Upper

113 100

111 103.5 83.4 125.2

192 18.6 14.0 21.0

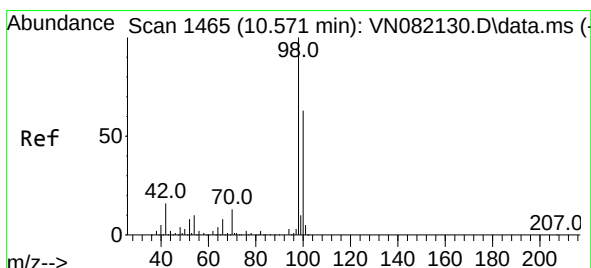
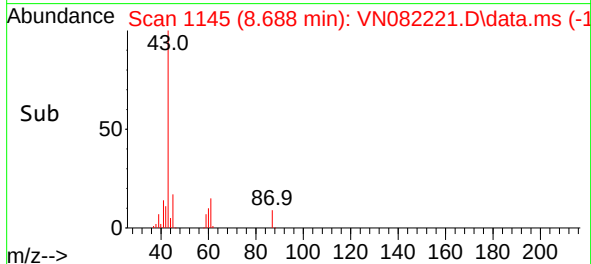
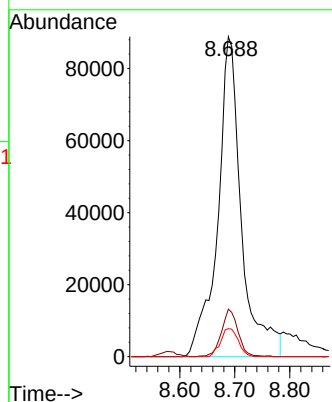
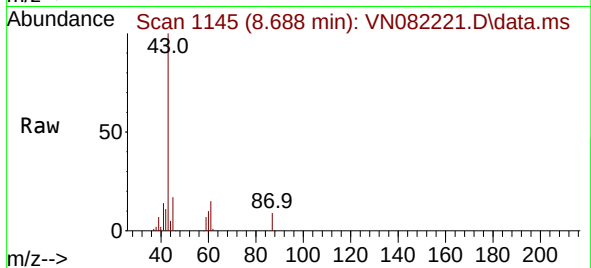




#43
Isopropyl Acetate
Concen: 46.044 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN082221.D
Acq: 20 May 2024 19:48

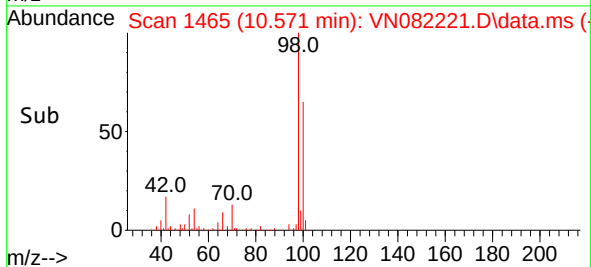
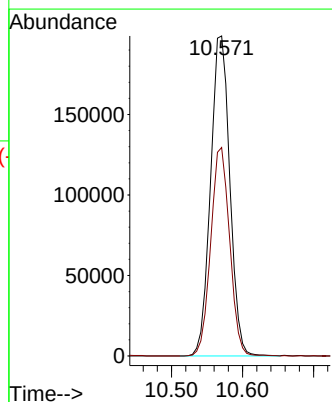
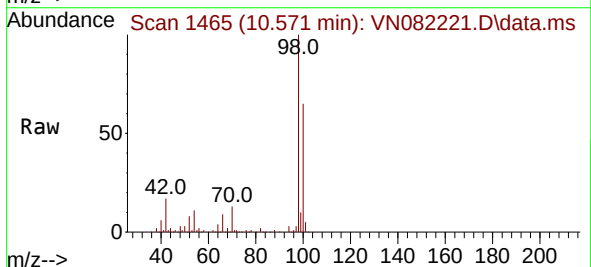
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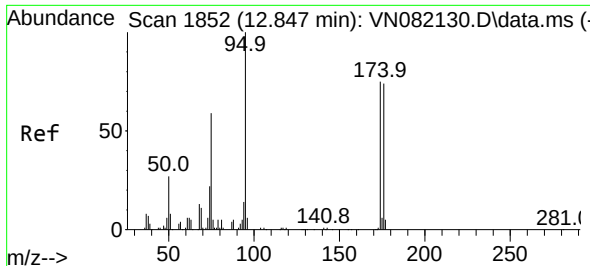
Tgt Ion: 43 Resp: 265847
Ion Ratio Lower Upper
43 100
61 10.5 22.8 34.2#
87 6.5 12.0 18.0#



#50
Toluene-d8
Concen: 56.215 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082221.D
Acq: 20 May 2024 19:48

Tgt Ion: 98 Resp: 374154
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6

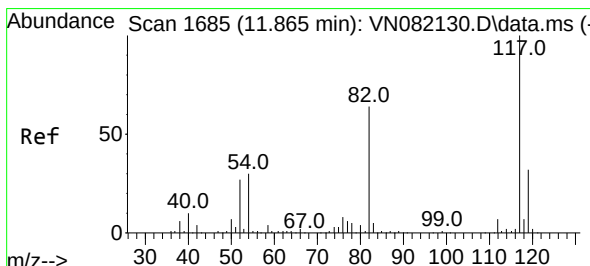
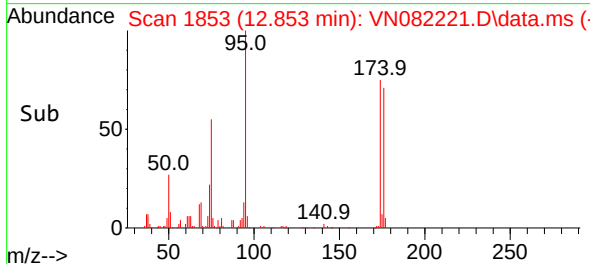
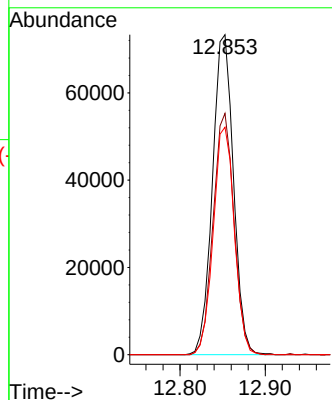
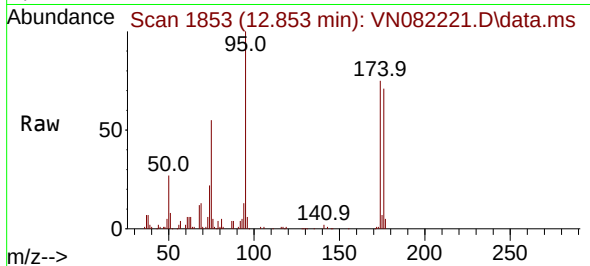




#62
4-Bromofluorobenzene
Concen: 52.832 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082221.D
Acq: 20 May 2024 19:48

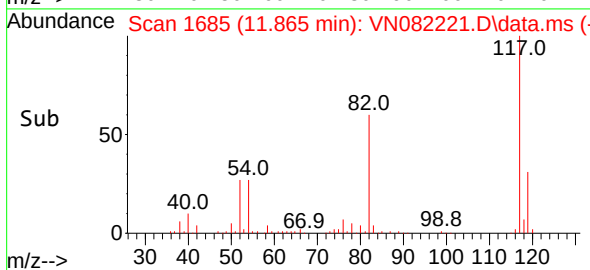
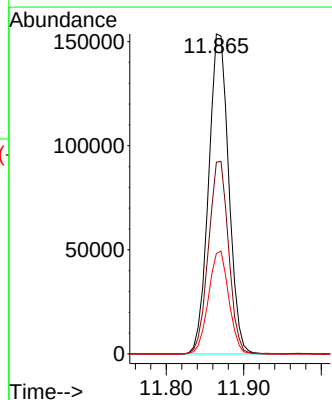
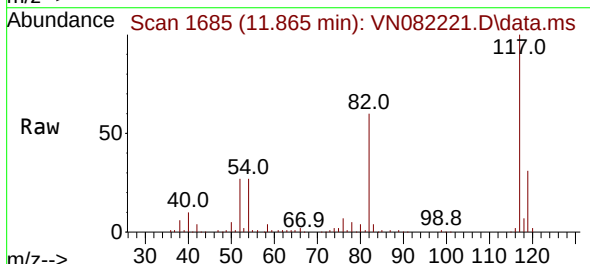
Instrument :
MSVOA_N
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WC-MH-FF

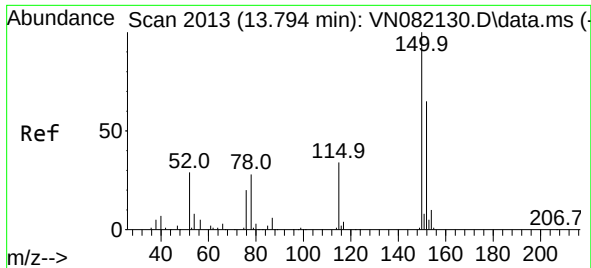
Tgt Ion: 95 Resp: 125508
Ion Ratio Lower Upper
95 100
174 75.2 0.0 160.6
176 71.3 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082221.D
Acq: 20 May 2024 19:48

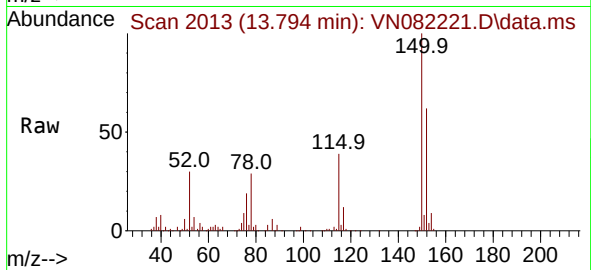
Tgt Ion: 117 Resp: 277217
Ion Ratio Lower Upper
117 100
82 59.9 44.6 66.8
119 31.4 25.9 38.9





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN082221.D
Acq: 20 May 2024 19:48

Instrument :
MSVOA_N
ClientSampleId :
WC-MH-FF



Tgt Ion:152 Resp: 114396
Ion Ratio Lower Upper
152 100
115 62.0 30.4 91.3
150 158.1 0.0 353.2

