

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062023\
 Data File : VN078312.D
 Acq On : 20 Jun 2023 16:13
 Operator : JC\MD
 Sample : 03321-05RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-24

Quant Time: Jun 21 05:48:26 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)

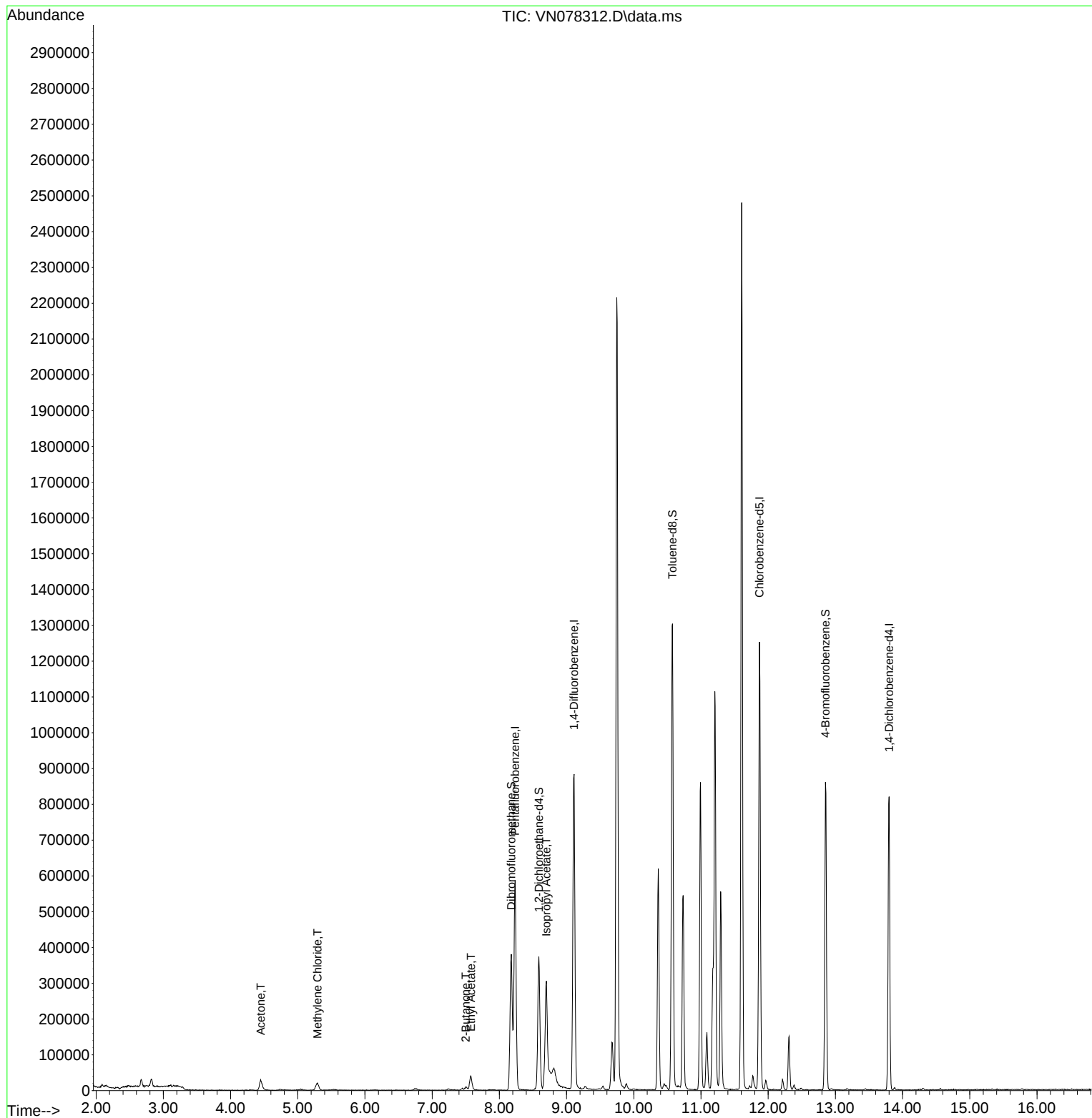
Internal Standards						
1) Pentafluorobenzene	8.235	168	421045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	792964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	726505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	220459	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	301660	53.735	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 107.480%		
35) Dibromofluoromethane	8.177	113	277273	55.302	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 110.600%		
50) Toluene-d8	10.576	98	963672	49.857	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 99.720%		
62) 4-Bromofluorobenzene	12.853	95	294828	49.066	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 98.140%		
Target Compounds						Qvalue
16) Acetone	4.447	43	52871	32.720	ug/l	90
20) Methylene Chloride	5.295	84	16643	3.117	ug/l	96
25) 2-Butanone	7.500	43	13127	5.283	ug/l	88
37) Ethyl Acetate	7.577	43	58082	10.338	ug/l #	96
43) Isopropyl Acetate	8.700	43	386167	35.941	ug/l #	75

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

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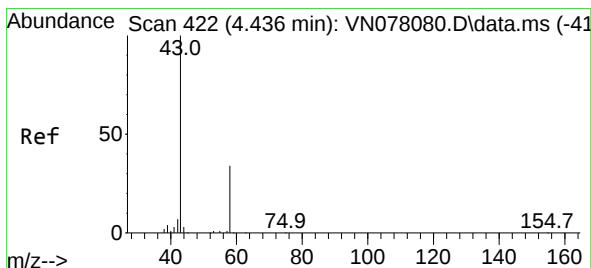
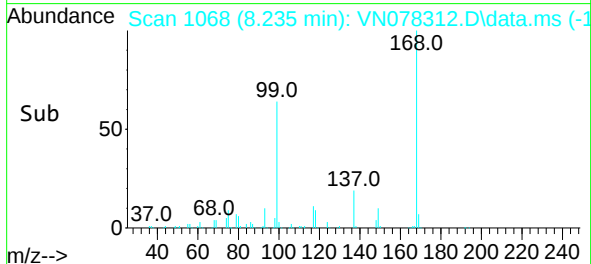
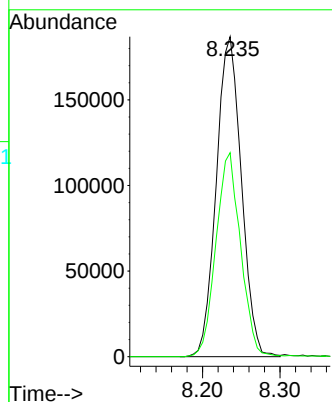
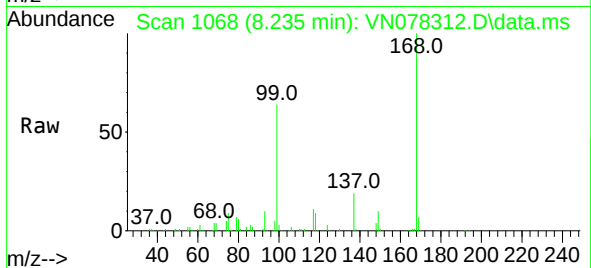




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078312.D
Acq: 20 Jun 2023 16:13

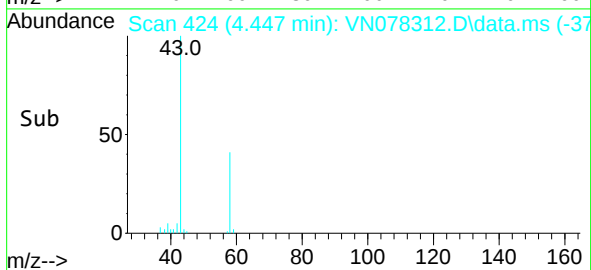
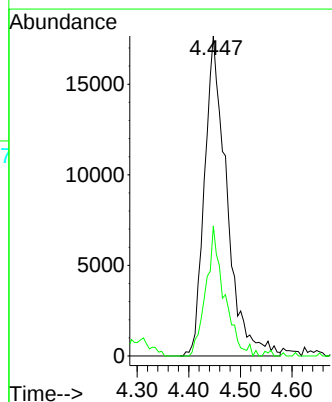
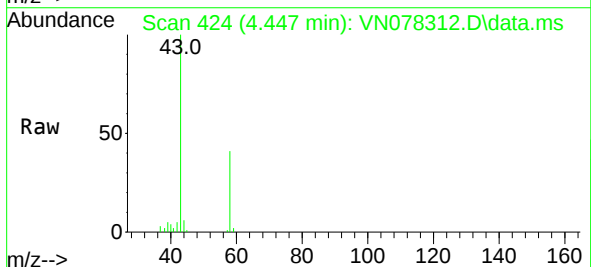
Instrument :
MSVOA_N
ClientSampleId :
WC-24

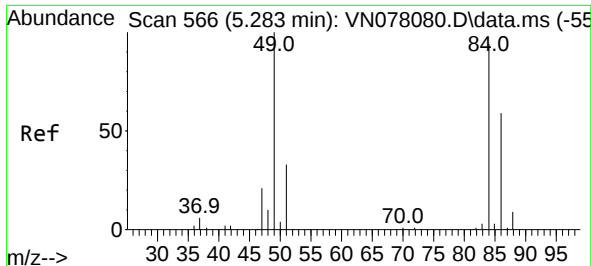
Tgt Ion:168 Resp: 421045
Ion Ratio Lower Upper
168 100
99 63.8 53.0 79.6



#16
Acetone
Concen: 32.720 ug/l
RT: 4.447 min Scan# 424
Delta R.T. 0.012 min
Lab File: VN078312.D
Acq: 20 Jun 2023 16:13

Tgt Ion: 43 Resp: 52871
Ion Ratio Lower Upper
43 100
58 40.7 28.0 42.0

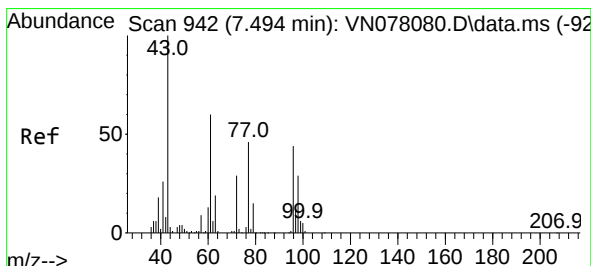
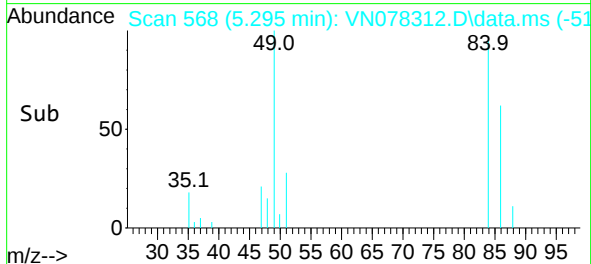
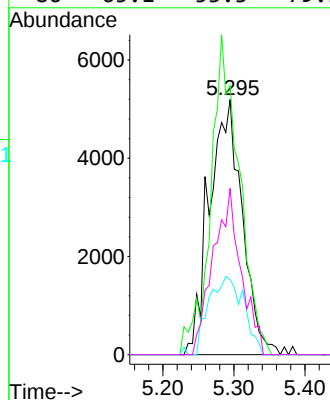
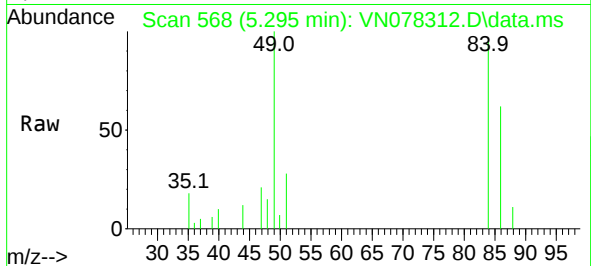




#20
Methylene Chloride
Concen: 3.117 ug/l
RT: 5.295 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN078312.D
Acq: 20 Jun 2023 16:13

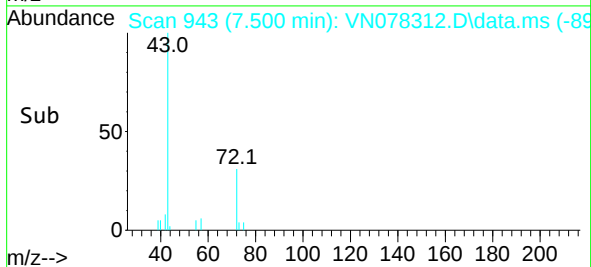
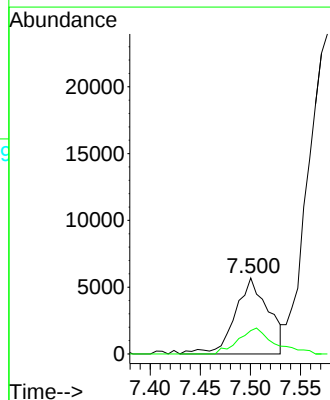
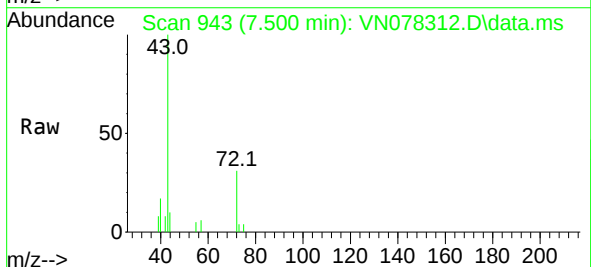
Instrument :
MSVOA_N
ClientSampleId :
WC-24

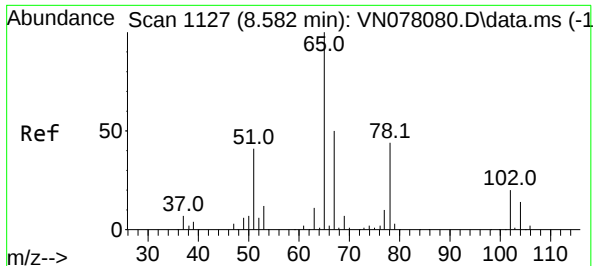
Tgt Ion: 84	Resp: 16643
Ion Ratio	Lower Upper
84 100	
49 105.5	79.7 119.5
51 29.4	25.2 37.8
86 65.1	53.3 79.9



#25
2-Butanone
Concen: 5.283 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078312.D
Acq: 20 Jun 2023 16:13

Tgt Ion: 43	Resp: 13127		
Ion Ratio	Lower	Upper	
43 100			
72 30.7	30.2	45.2	





#33

1,2-Dichloroethane-d4

Concen: 53.735 ug/l

RT: 8.588 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN078312.D

Acq: 20 Jun 2023 16:13

Instrument :

MSVOA_N

ClientSampleId :

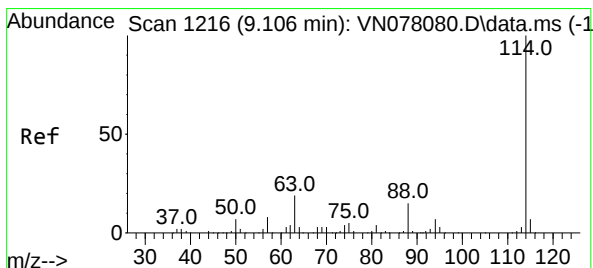
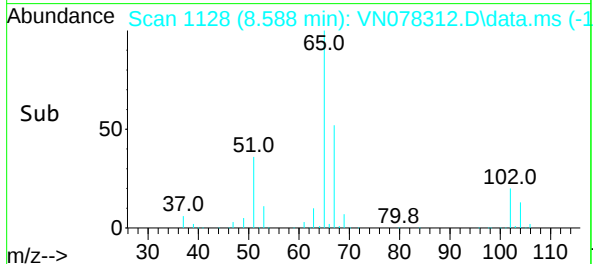
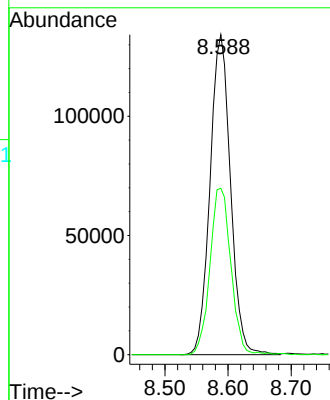
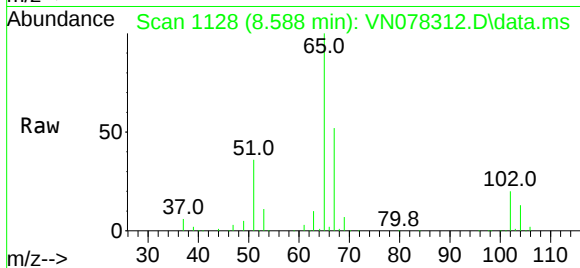
WC-24

Tgt Ion: 65 Resp: 301660

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.112 min Scan# 1217

Delta R.T. 0.006 min

Lab File: VN078312.D

Acq: 20 Jun 2023 16:13

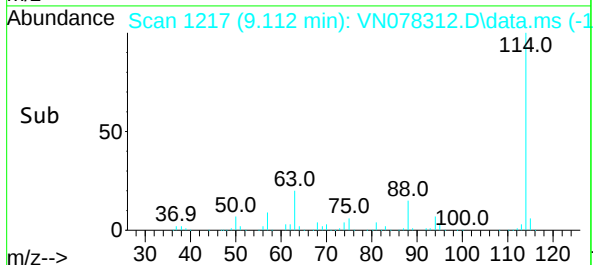
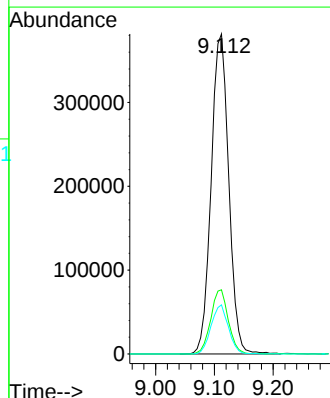
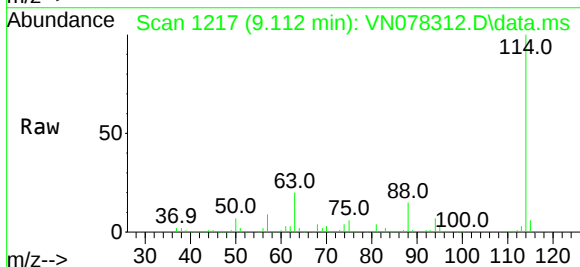
Tgt Ion: 114 Resp: 792964

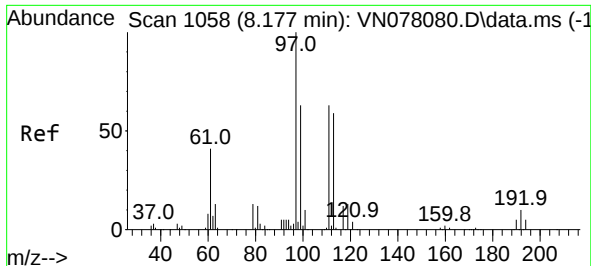
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 15.3 0.0 30.6

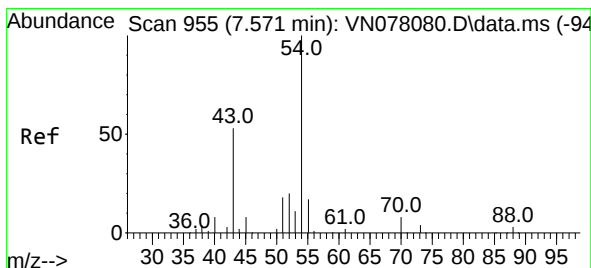
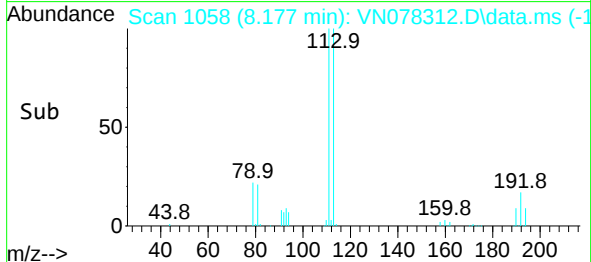
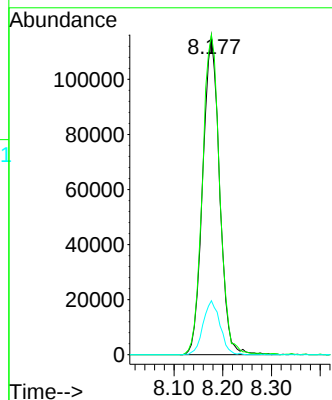
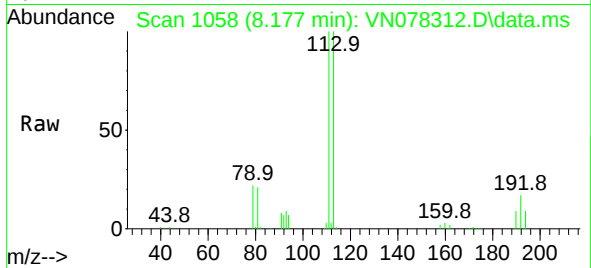




#35
Dibromofluoromethane
Concen: 55.302 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078312.D
Acq: 20 Jun 2023 16:13

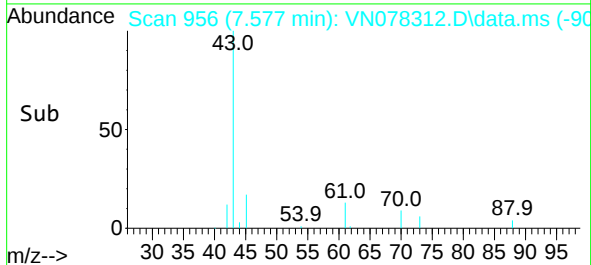
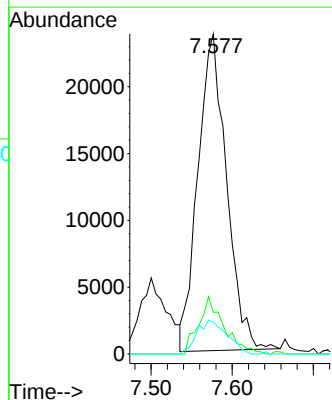
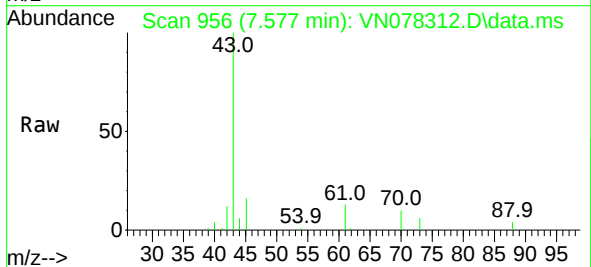
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MSVOA_N
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WC-24

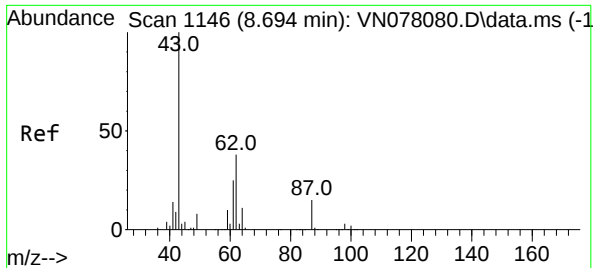
Tgt Ion:113 Resp: 277273
Ion Ratio Lower Upper
113 100
111 102.8 82.6 123.8
192 17.0 12.7 19.1



#37
Ethyl Acetate
Concen: 10.338 ug/l
RT: 7.577 min Scan# 956
Delta R.T. 0.006 min
Lab File: VN078312.D
Acq: 20 Jun 2023 16:13

Tgt Ion: 43 Resp: 58082
Ion Ratio Lower Upper
43 100
61 16.1 13.2 19.8
70 11.2 11.3 16.9#

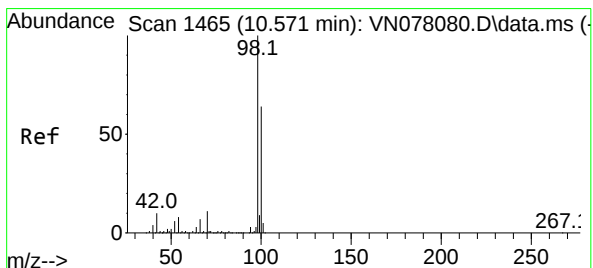
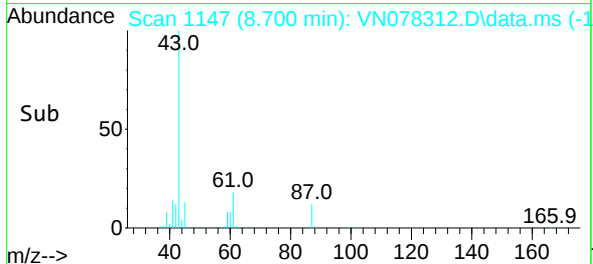
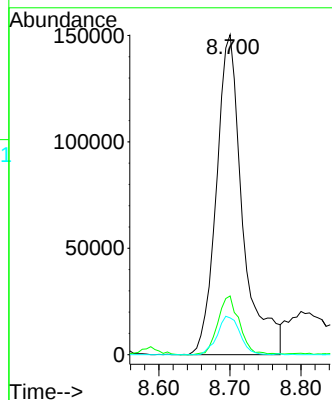
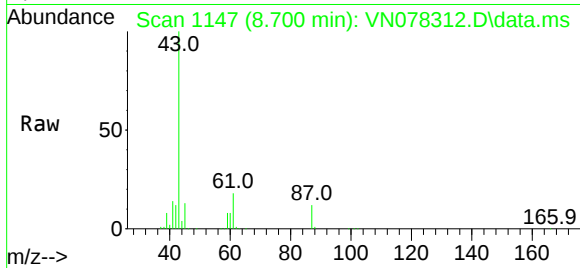




#43
Isopropyl Acetate
Concen: 35.941 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078312.D
Acq: 20 Jun 2023 16:13

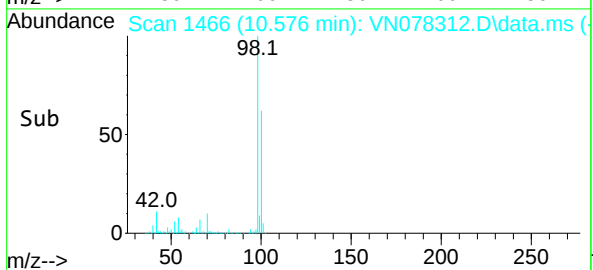
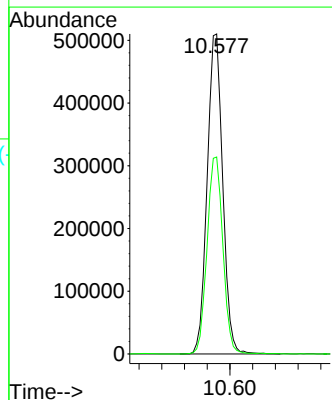
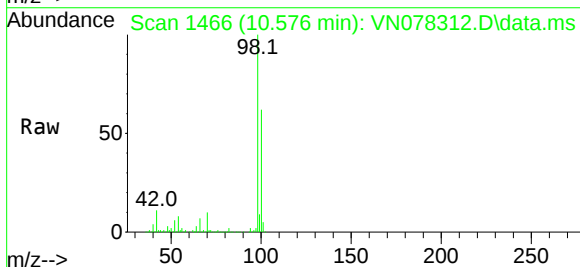
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WC-24

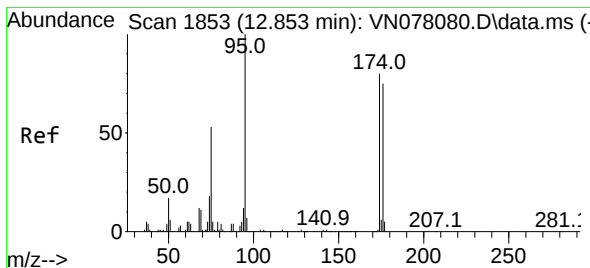
Tgt Ion: 43 Resp: 386167
Ion Ratio Lower Upper
43 100
61 15.2 24.7 37.1#
87 10.3 14.6 21.8#



#50
Toluene-d8
Concen: 49.857 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078312.D
Acq: 20 Jun 2023 16:13

Tgt Ion: 98 Resp: 963672
Ion Ratio Lower Upper
98 100
100 62.7 52.0 78.0

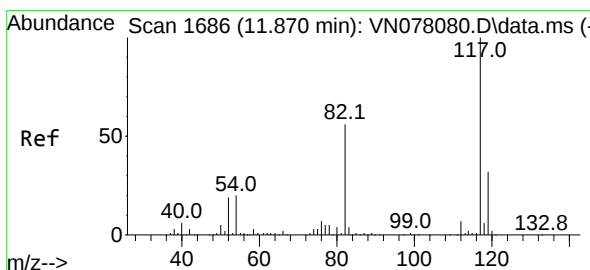
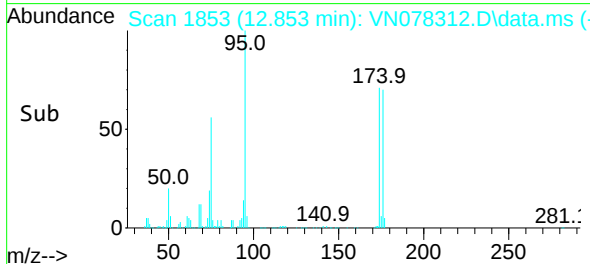
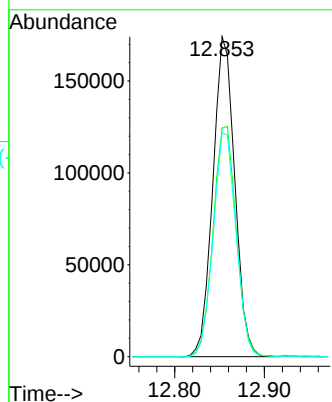
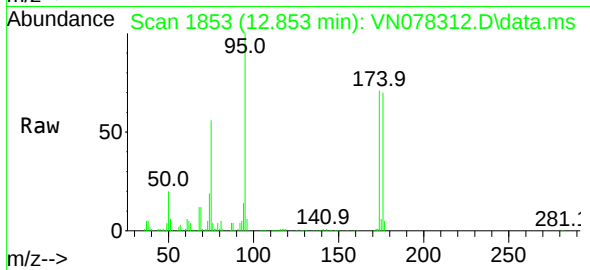




#62
4-Bromofluorobenzene
Concen: 49.066 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078312.D
Acq: 20 Jun 2023 16:13

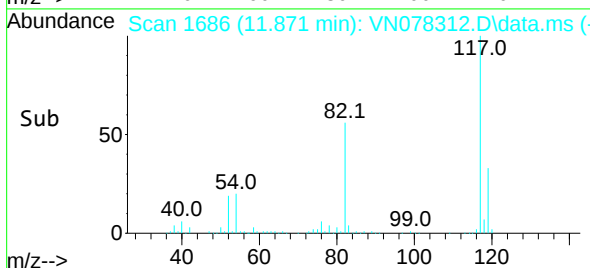
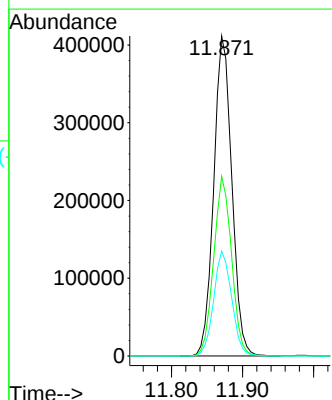
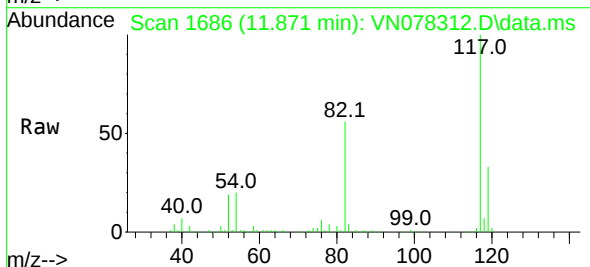
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WC-24

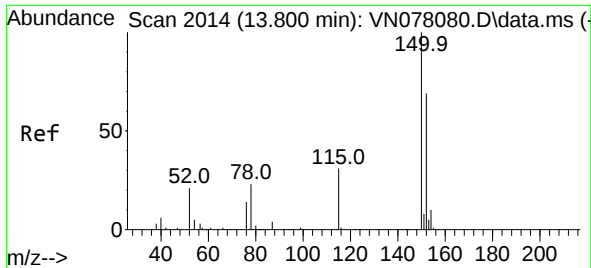
Tgt Ion: 95 Resp: 294828
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.8
176 73.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078312.D
Acq: 20 Jun 2023 16:13

Tgt Ion: 117 Resp: 726505
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 32.8 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN078312.D

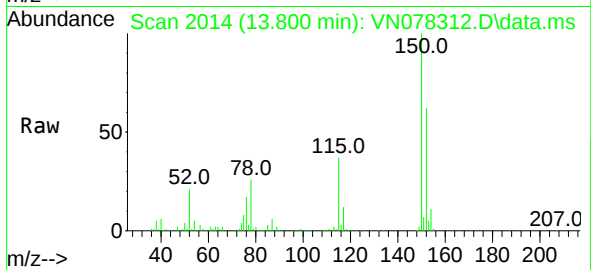
Acq: 20 Jun 2023 16:13

Instrument :

MSVOA_N

ClientSampleId :

WC-24



Tgt Ion:152 Resp: 220459

Ion Ratio Lower Upper

152 100

115 62.0 32.3 96.8

150 158.4 0.0 355.8

