

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062223\
 Data File : VN078359.D
 Acq On : 22 Jun 2023 18:52
 Operator : JC\MD
 Sample : 03357-20
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-SCAN-04-G

Quant Time: Jun 23 08:04:07 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)

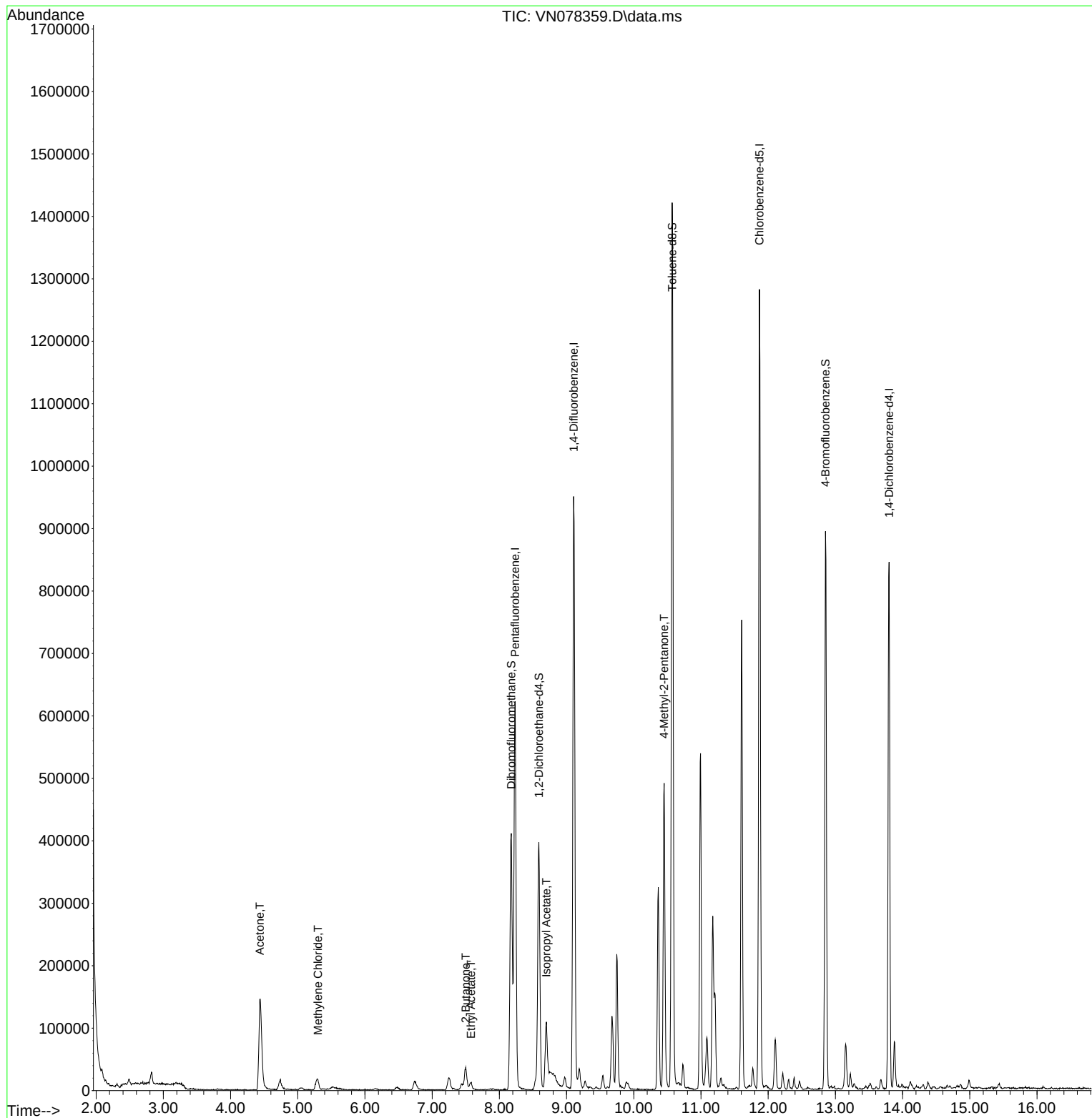
Internal Standards						
1) Pentafluorobenzene	8.235	168	441923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	850091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	770370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	233386	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	323704	54.938	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.880%			
35) Dibromofluoromethane	8.177	113	299310	55.685	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.380%			
50) Toluene-d8	10.571	98	1016563	49.059	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.120%			
62) 4-Bromofluorobenzene	12.853	95	307305	47.705	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.420%			
Target Compounds					Qvalue	
16) Acetone	4.436	43	270323	159.390	ug/l	98
20) Methylene Chloride	5.300	84	13894	2.479	ug/l	93
25) 2-Butanone	7.500	43	55016	21.095	ug/l #	84
37) Ethyl Acetate	7.577	43	18855	3.131	ug/l #	94
43) Isopropyl Acetate	8.700	43	124942	10.847	ug/l #	76
51) 4-Methyl-2-Pentanone	10.453	43	327022	53.915	ug/l	90

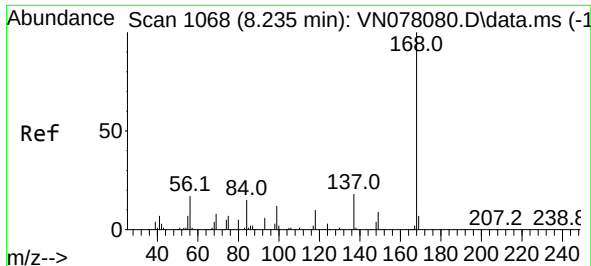
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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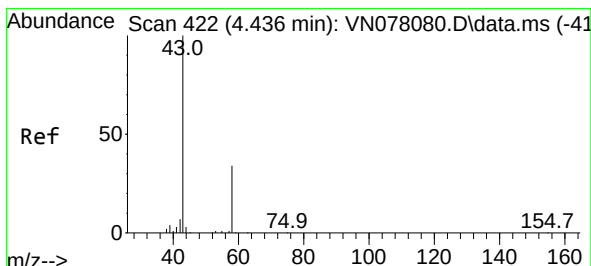
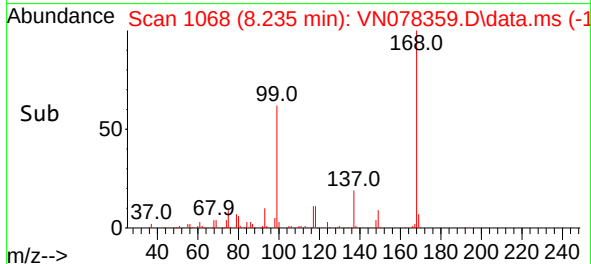
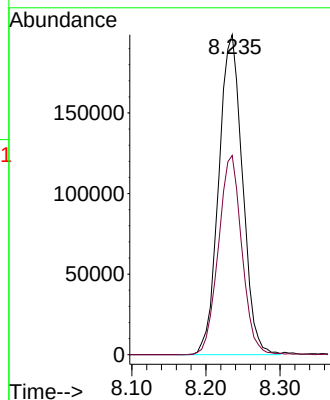
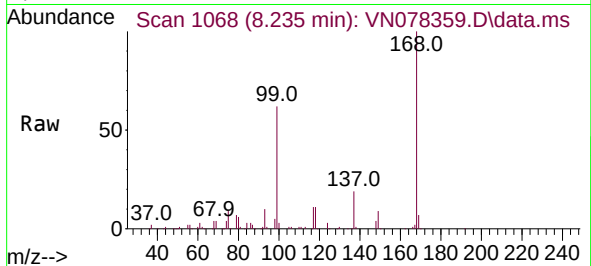




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VN078359.D
Acq: 22 Jun 2023 18:52

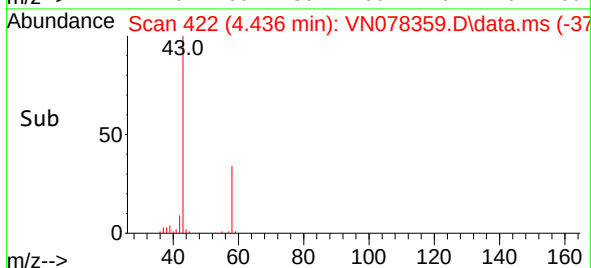
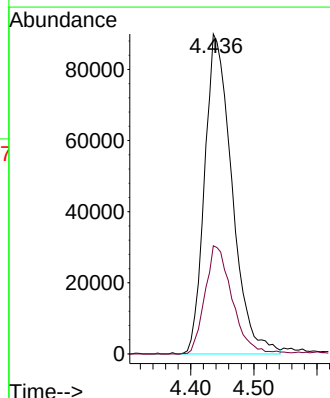
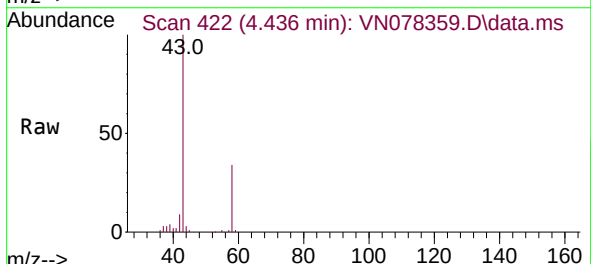
Instrument :
MSVOA_N
ClientSampleId :
WC-SCAN-04-G

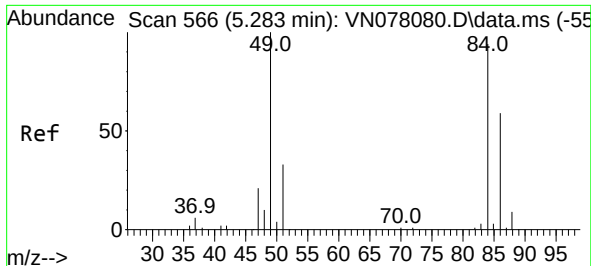
Tgt Ion:168 Resp: 441923
Ion Ratio Lower Upper
168 100
99 62.2 53.0 79.6



#16
Acetone
Concen: 159.390 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078359.D
Acq: 22 Jun 2023 18:52

Tgt Ion: 43 Resp: 270323
Ion Ratio Lower Upper
43 100
58 33.8 28.0 42.0

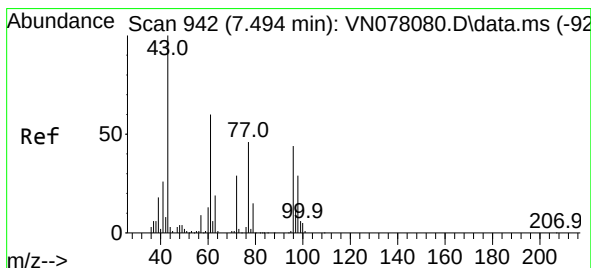
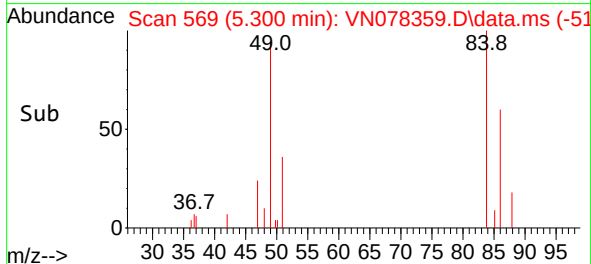
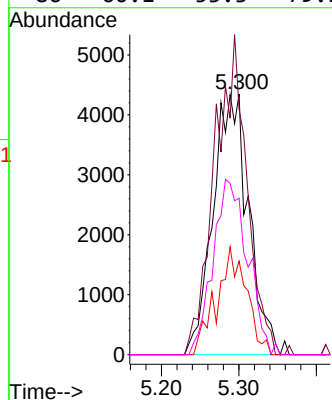
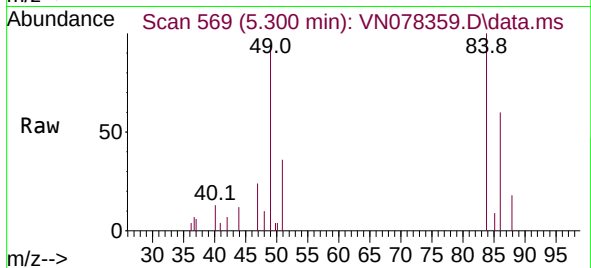




#20
Methylene Chloride
Concen: 2.479 ug/l
RT: 5.300 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN078359.D
Acq: 22 Jun 2023 18:52

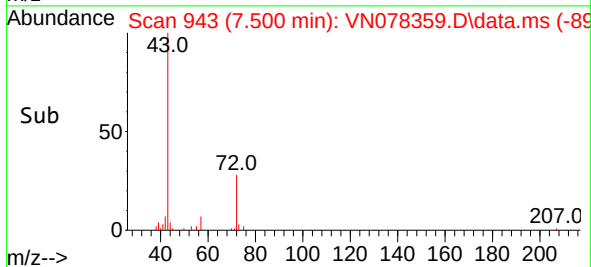
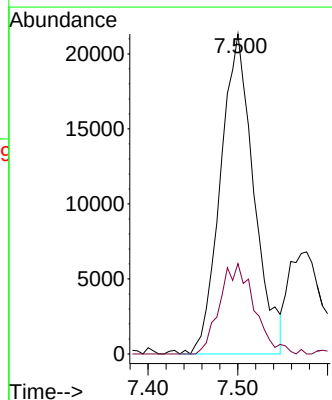
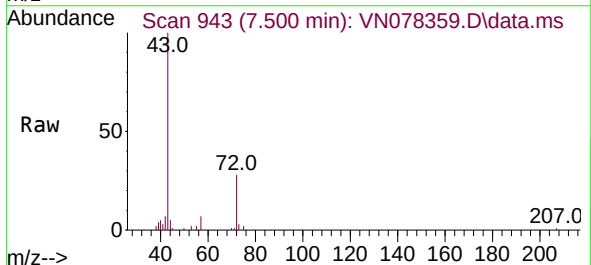
Instrument :
MSVOA_N
ClientSampleId :
WC-SCAN-04-G

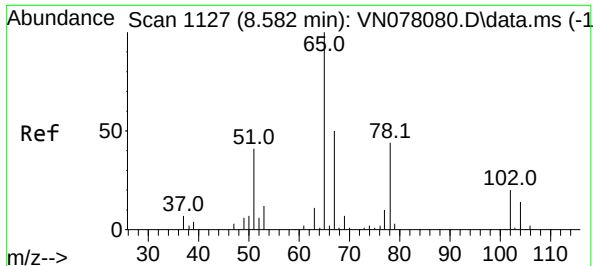
Tgt Ion: 84	Resp: 13894
Ion Ratio	Lower Upper
84 100	
49 94.1	79.7 119.5
51 35.9	25.2 37.8
86 60.1	53.3 79.9



#25
2-Butanone
Concen: 21.095 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078359.D
Acq: 22 Jun 2023 18:52

Tgt Ion: 43	Resp: 55016
Ion Ratio	Lower Upper
43 100	
72 28.3	30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 54.938 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078359.D

Acq: 22 Jun 2023 18:52

Instrument :

MSVOA_N

ClientSampleId :

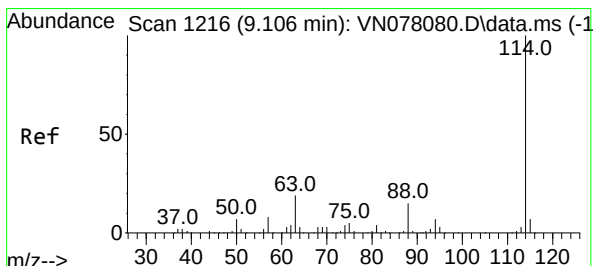
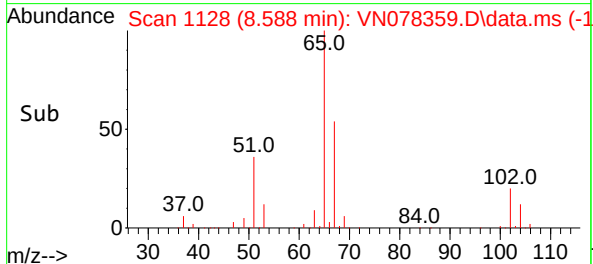
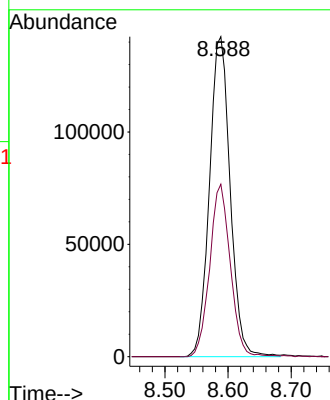
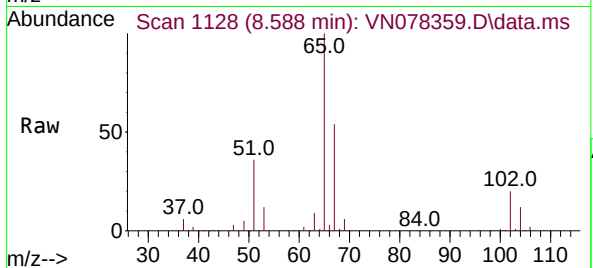
WC-SCAN-04-G

Tgt Ion: 65 Resp: 323704

Ion Ratio Lower Upper

65 100

67 53.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078359.D

Acq: 22 Jun 2023 18:52

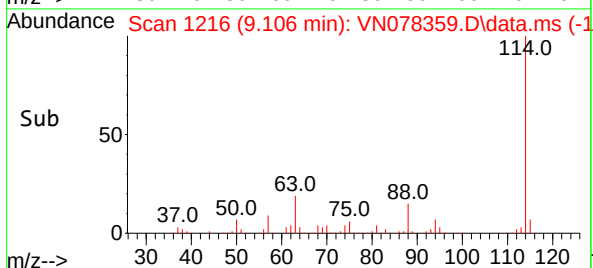
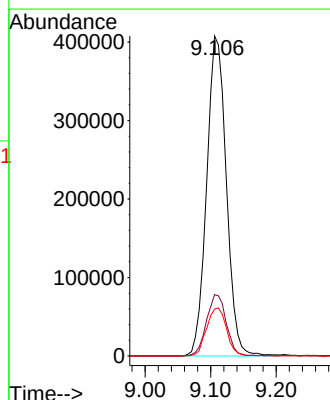
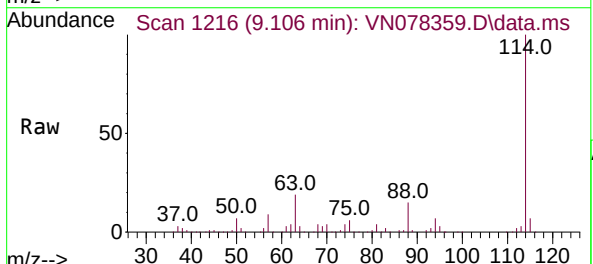
Tgt Ion: 114 Resp: 850091

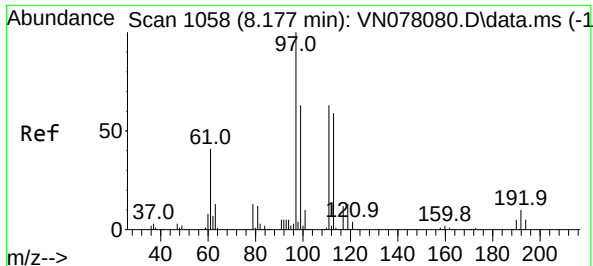
Ion Ratio Lower Upper

114 100

63 19.2 0.0 36.4

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 55.685 ug/l

RT: 8.177 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078359.D

Acq: 22 Jun 2023 18:52

Instrument :

MSVOA_N

ClientSampleId :

WC-SCAN-04-G

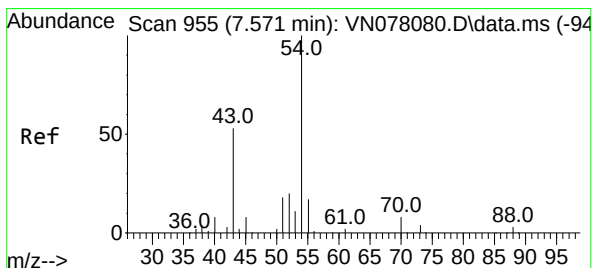
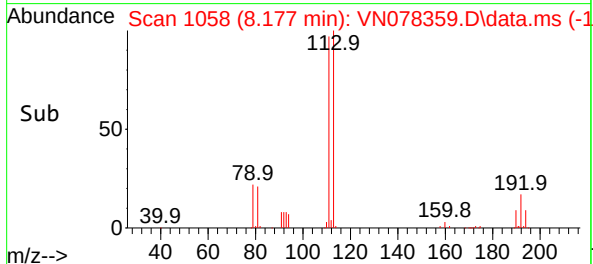
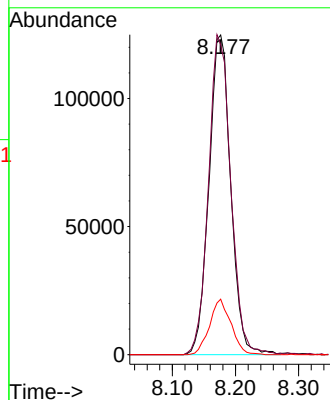
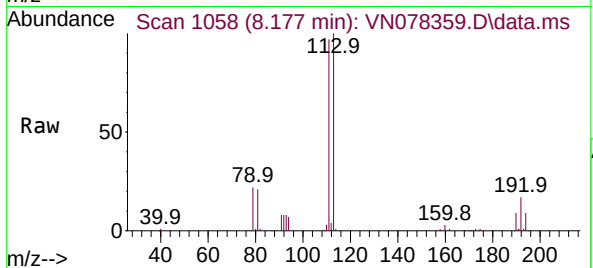
Tgt Ion:113 Resp: 299310

Ion Ratio Lower Upper

113 100

111 102.3 82.6 123.8

192 17.1 12.7 19.1



#37

Ethyl Acetate

Concen: 3.131 ug/l

RT: 7.577 min Scan# 956

Delta R.T. 0.006 min

Lab File: VN078359.D

Acq: 22 Jun 2023 18:52

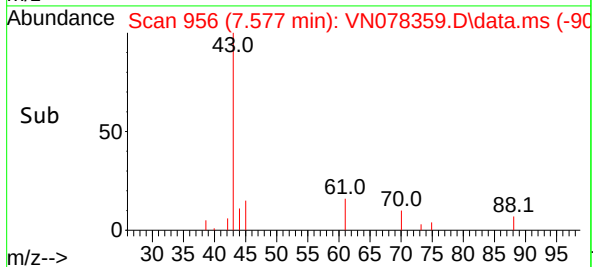
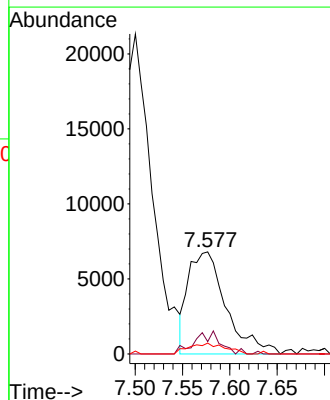
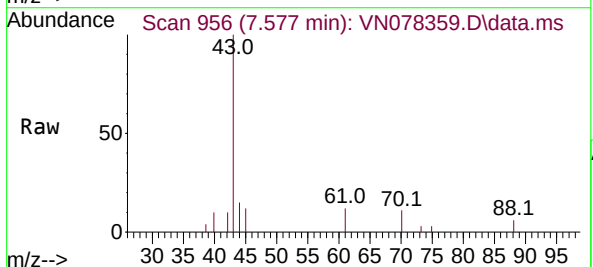
Tgt Ion: 43 Resp: 18855

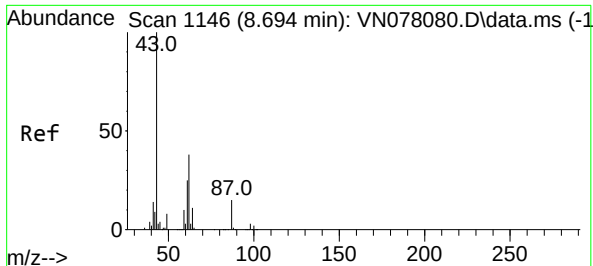
Ion Ratio Lower Upper

43 100

61 15.2 13.2 19.8

70 10.1 11.3 16.9#

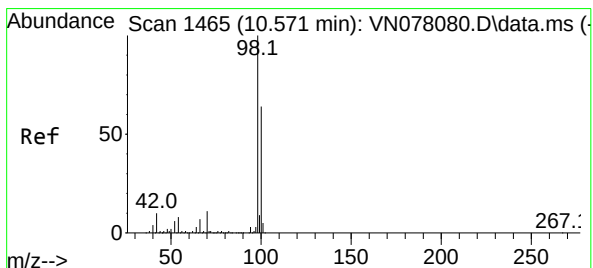
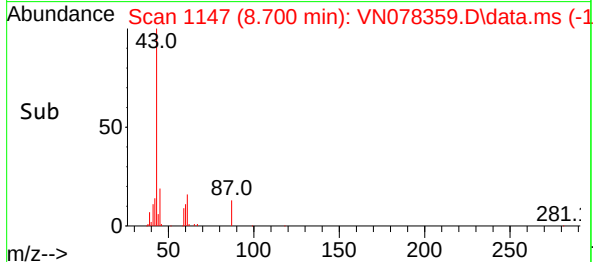
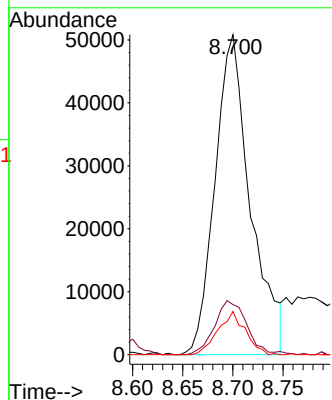
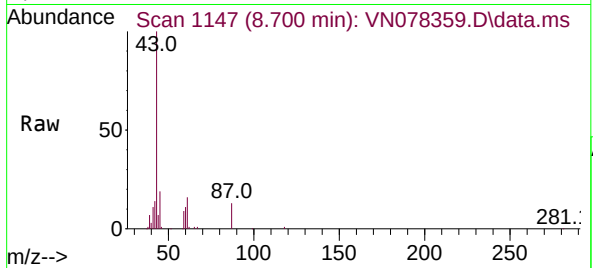




#43
Isopropyl Acetate
Concen: 10.847 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078359.D
Acq: 22 Jun 2023 18:52

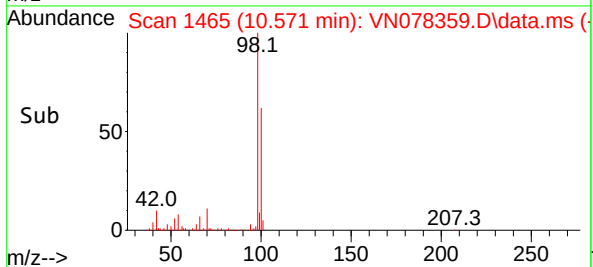
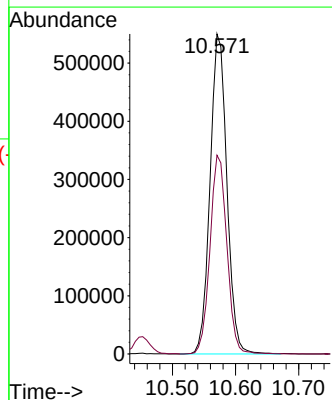
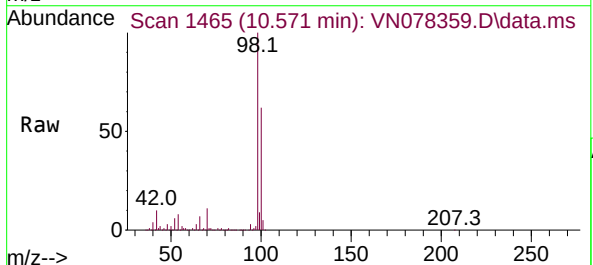
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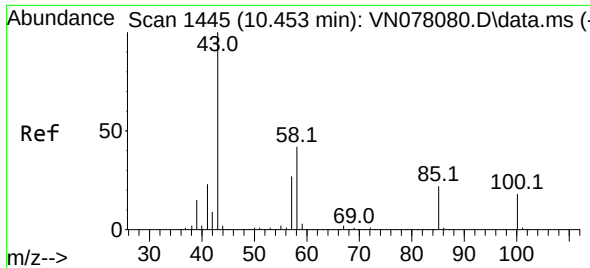
Tgt Ion: 43 Resp: 124942
Ion Ratio Lower Upper
43 100
61 15.5 24.7 37.1#
87 10.4 14.6 21.8#



#50
Toluene-d8
Concen: 49.059 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078359.D
Acq: 22 Jun 2023 18:52

Tgt Ion: 98 Resp: 1016563
Ion Ratio Lower Upper
98 100
100 62.4 52.0 78.0

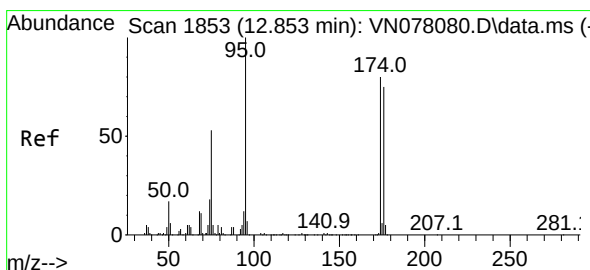
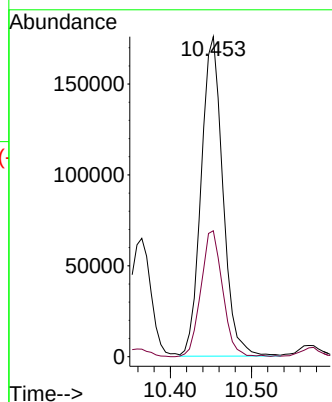
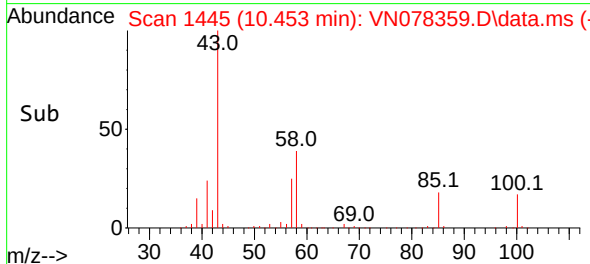
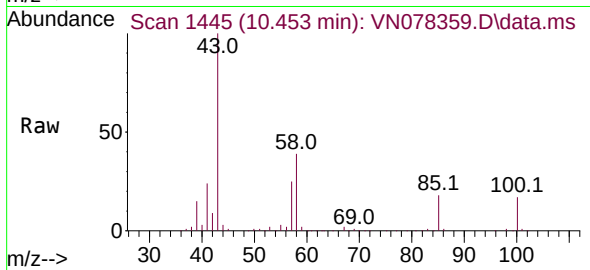




#51
4-Methyl-2-Pentanone
Concen: 53.915 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078359.D
Acq: 22 Jun 2023 18:52

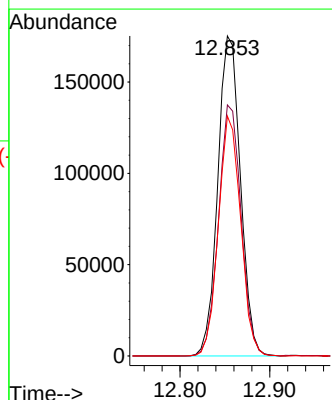
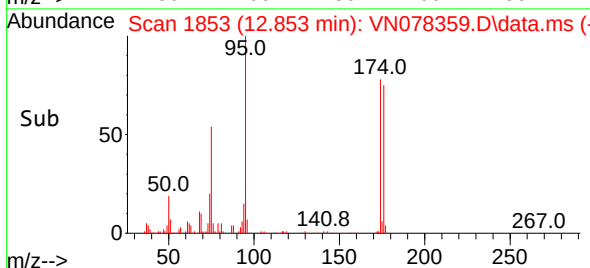
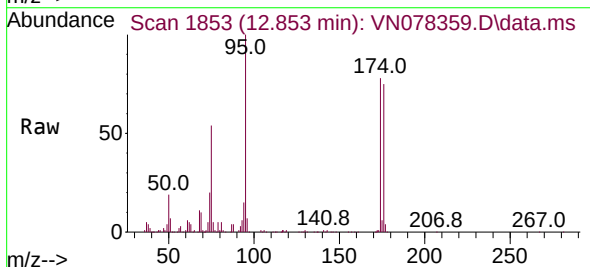
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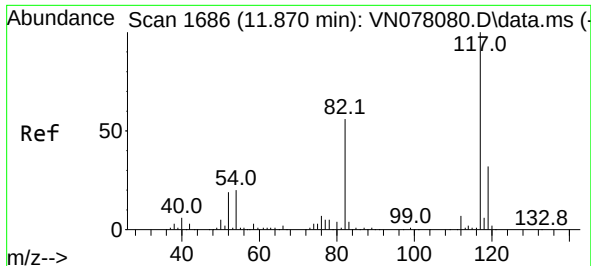
Tgt Ion: 43 Resp: 327022
Ion Ratio Lower Upper
43 100
58 39.4 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 47.705 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078359.D
Acq: 22 Jun 2023 18:52

Tgt Ion: 95 Resp: 307305
Ion Ratio Lower Upper
95 100
174 78.3 0.0 143.8
176 73.7 0.0 135.8

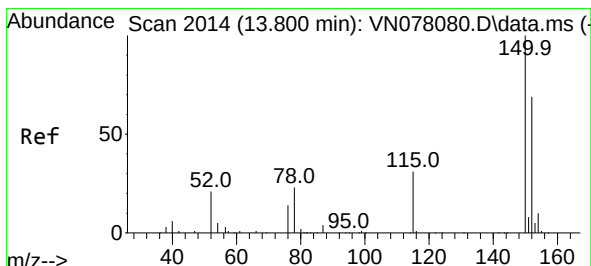
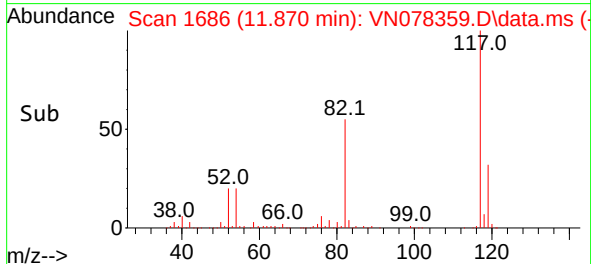
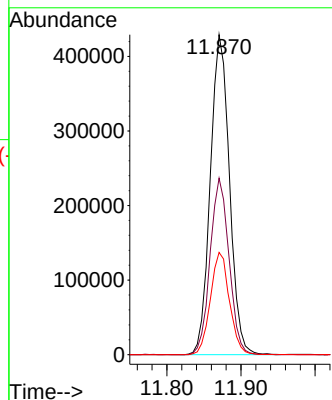
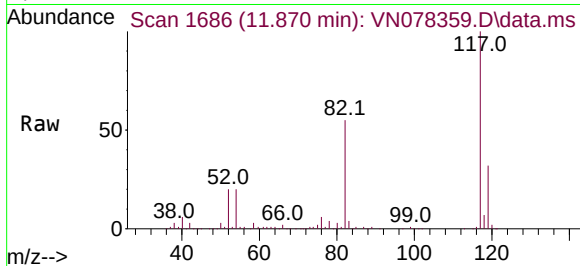




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078359.D
Acq: 22 Jun 2023 18:52

Instrument :
MSVOA_N
ClientSampleId :
WC-SCAN-04-G

Tgt Ion:117 Resp: 770370
Ion Ratio Lower Upper
117 100
82 55.1 44.0 66.0
119 32.0 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: VN078359.D
Acq: 22 Jun 2023 18:52

Tgt Ion:152 Resp: 233386
Ion Ratio Lower Upper
152 100
115 62.2 32.3 96.8
150 159.0 0.0 355.8

