

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080823\
 Data File : VN078801.D
 Acq On : 08 Aug 2023 14:48
 Operator : JC\MD
 Sample : 03921-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-1

Quant Time: Aug 09 02:48:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

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

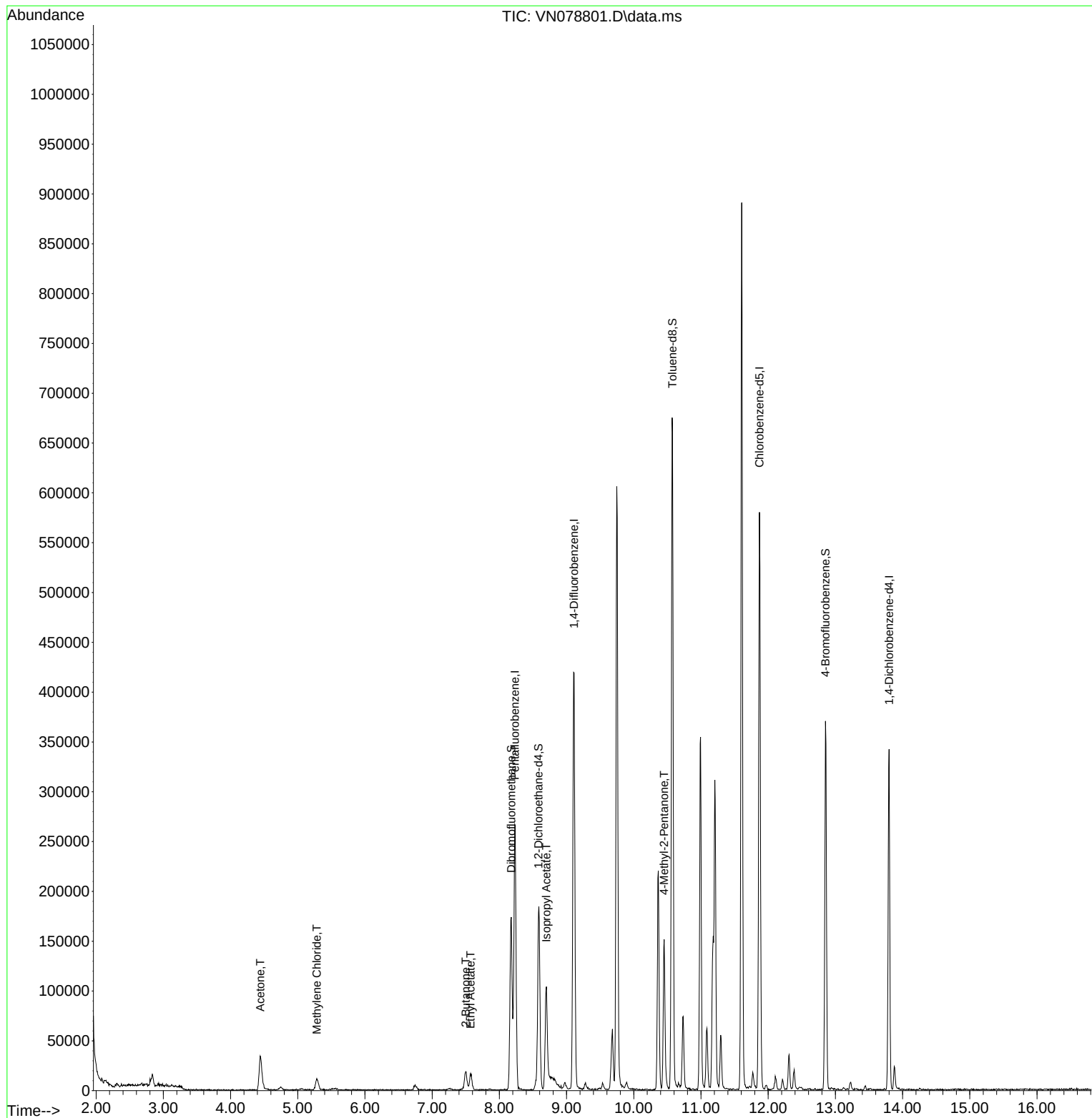
Internal Standards						
1) Pentafluorobenzene	8.230	168	186217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	359683	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	322590	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	83239	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	146424	52.450	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.900%		
35) Dibromofluoromethane	8.177	113	118951	48.972	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 97.940%		
50) Toluene-d8	10.576	98	444987	49.783	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 99.560%		
62) 4-Bromofluorobenzene	12.853	95	117153	43.855	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 87.700%		
Target Compounds						
					Qvalue	
16) Acetone	4.442	43	63405	59.030	ug/l	95
20) Methylene Chloride	5.283	84	7585	2.851	ug/l #	70
25) 2-Butanone	7.500	43	31423	17.276	ug/l #	77
37) Ethyl Acetate	7.571	43	25287	6.311	ug/l #	95
43) Isopropyl Acetate	8.700	43	126574	18.738	ug/l #	76
51) 4-Methyl-2-Pentanone	10.453	43	106386	25.712	ug/l	86

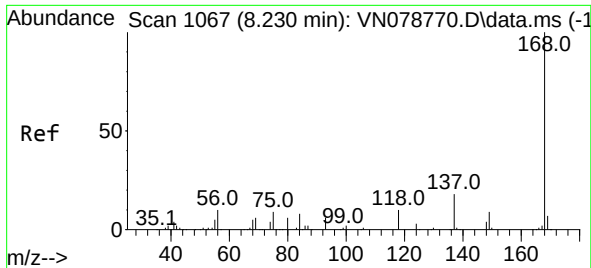
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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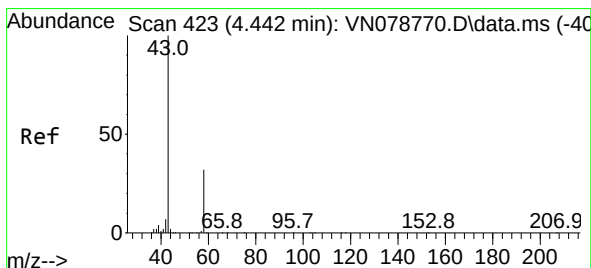
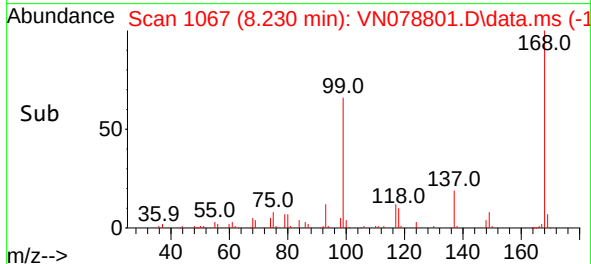
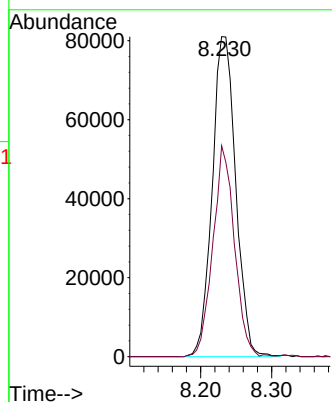
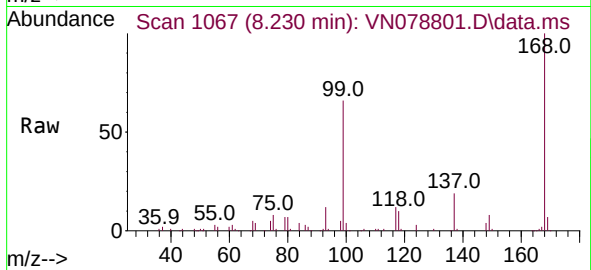




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN078801.D
Acq: 08 Aug 2023 14:48

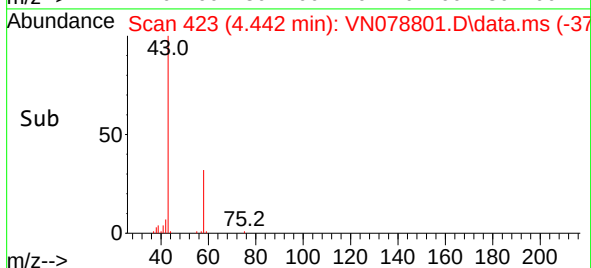
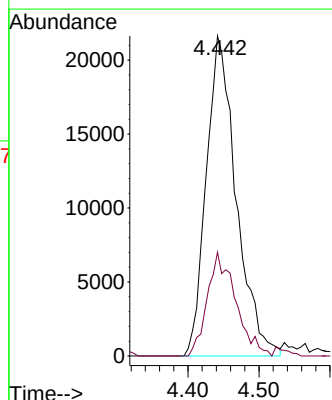
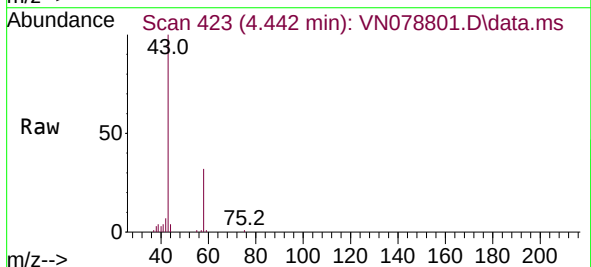
Instrument :
MSVOA_N
ClientSampleId :
WC-1

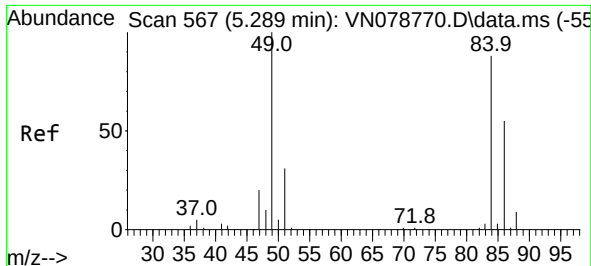
Tgt Ion:168 Resp: 186217
Ion Ratio Lower Upper
168 100
99 65.9 53.0 79.6



#16
Acetone
Concen: 59.030 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.000 min
Lab File: VN078801.D
Acq: 08 Aug 2023 14:48

Tgt Ion: 43 Resp: 63405
Ion Ratio Lower Upper
43 100
58 32.4 28.0 42.0

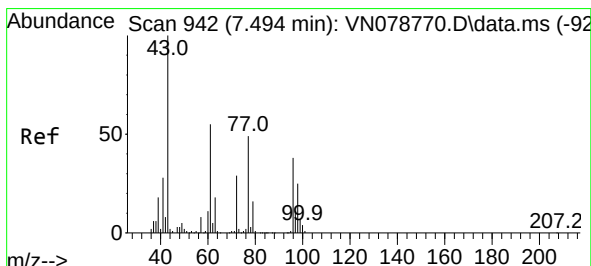
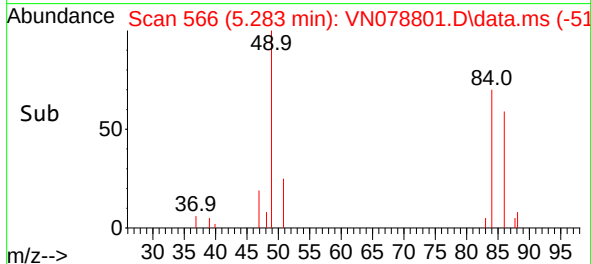
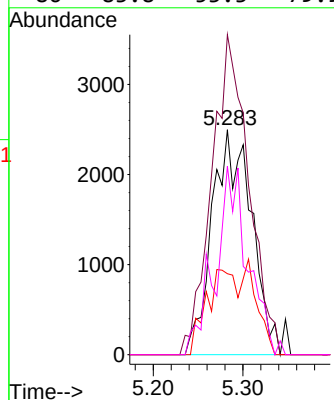
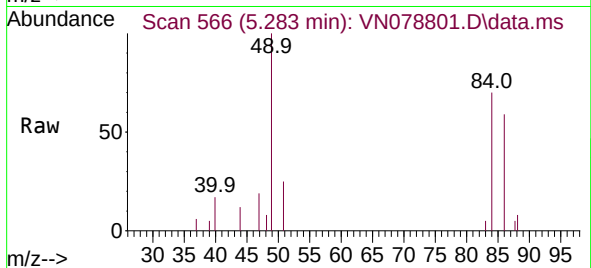




#20
Methylene Chloride
Concen: 2.851 ug/l
RT: 5.283 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN078801.D
Acq: 08 Aug 2023 14:48

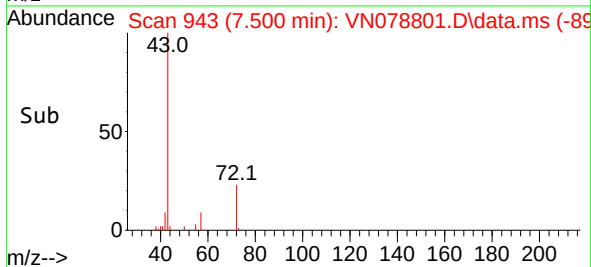
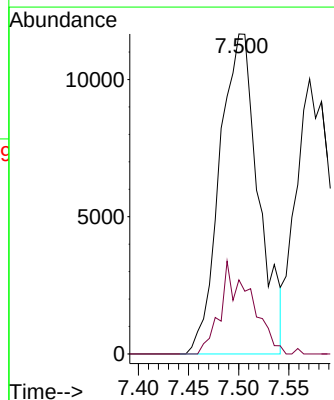
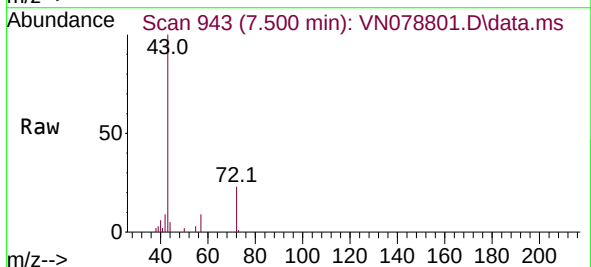
Instrument :
MSVOA_N
ClientSampleId :
WC-1

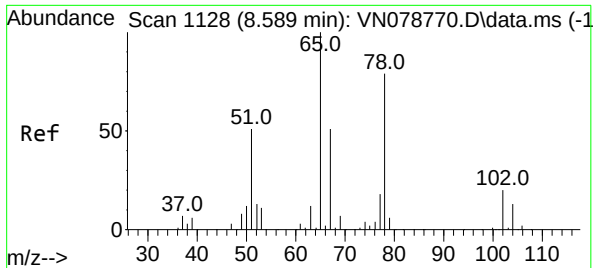
Tgt Ion: 84	Resp: 7585
Ion Ratio	Lower Upper
84 100	
49 142.2	79.7 119.5#
51 35.9	25.2 37.8
86 83.8	53.3 79.9#



#25
2-Butanone
Concen: 17.276 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN078801.D
Acq: 08 Aug 2023 14:48

Tgt Ion: 43	Resp: 31423
Ion Ratio	Lower Upper
43 100	
72 24.0	30.2 45.2#





#33

1,2-Dichloroethane-d4

Concen: 52.450 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.006 min

Lab File: VN078801.D

Acq: 08 Aug 2023 14:48

Instrument :

MSVOA_N

ClientSampleId :

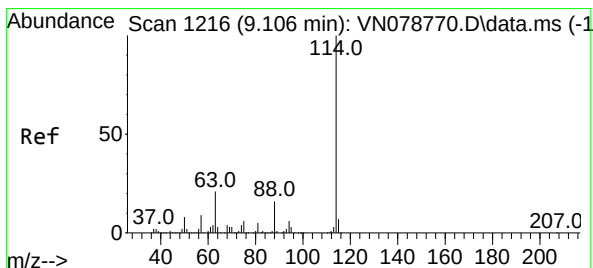
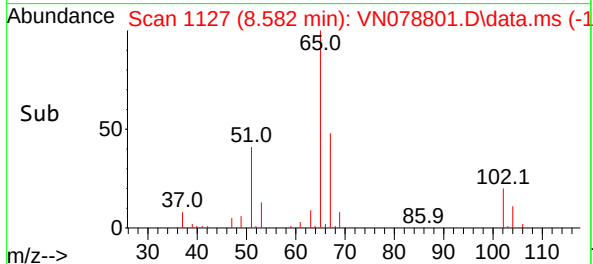
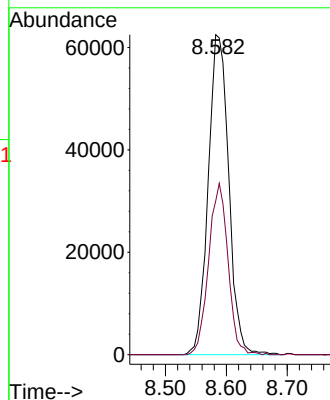
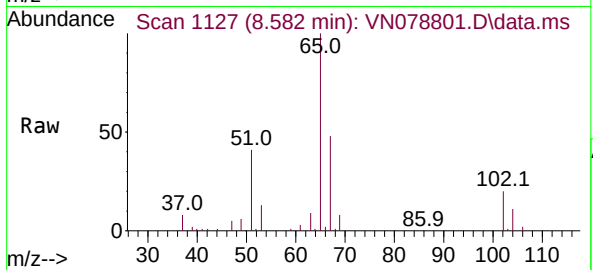
WC-1

Tgt Ion: 65 Resp: 146424

Ion Ratio Lower Upper

65 100

67 50.5 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: VN078801.D

Acq: 08 Aug 2023 14:48

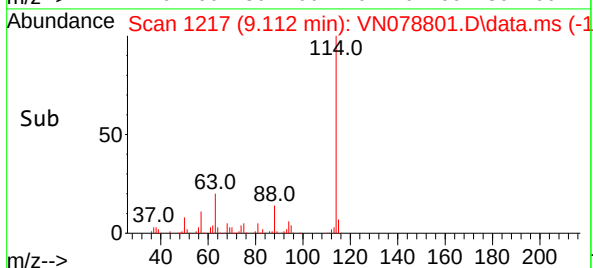
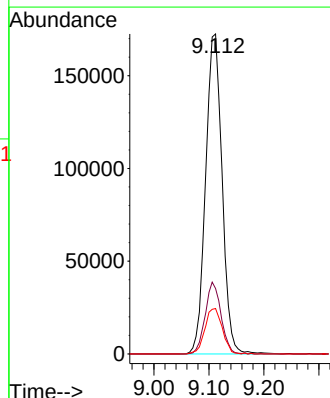
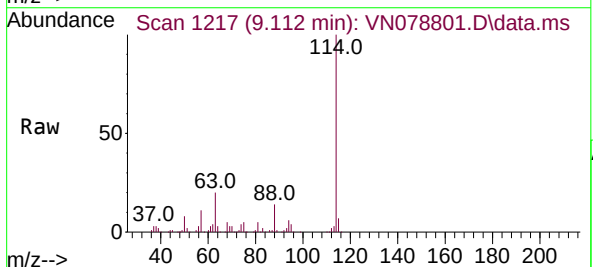
Tgt Ion: 114 Resp: 359683

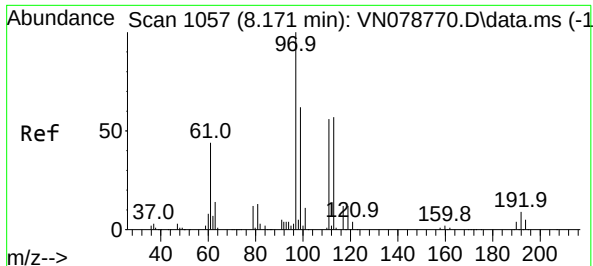
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.4

88 14.2 0.0 30.6

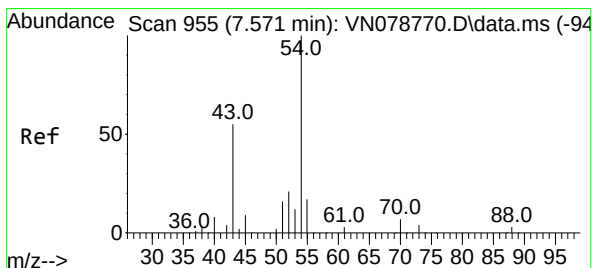
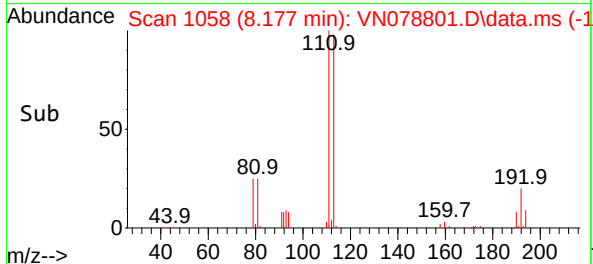
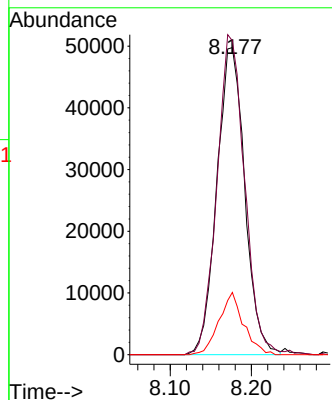
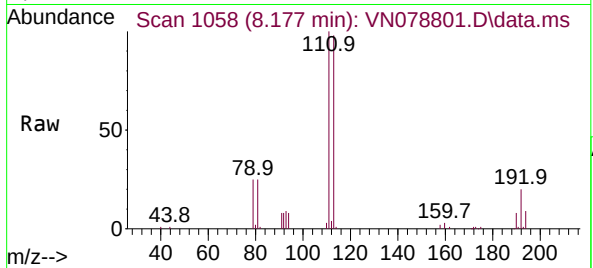




#35
Dibromofluoromethane
Concen: 48.972 ug/l
RT: 8.177 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN078801.D
Acq: 08 Aug 2023 14:48

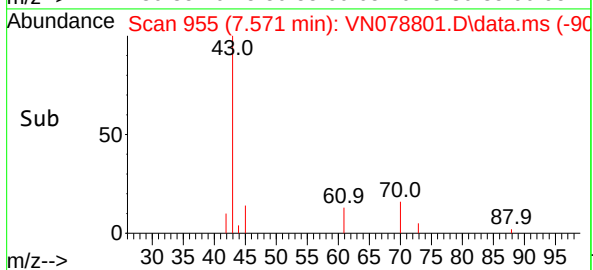
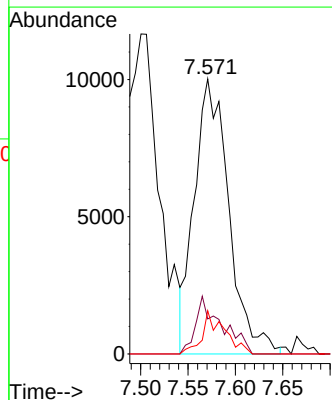
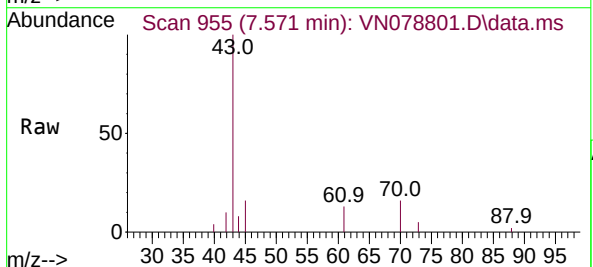
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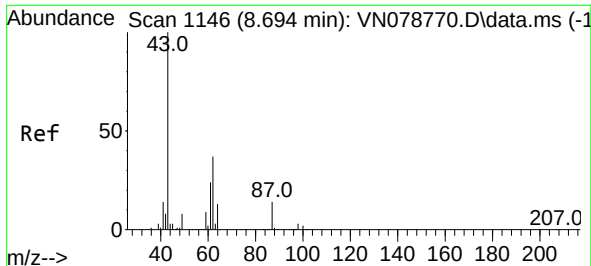
Tgt Ion:113 Resp: 118951
Ion Ratio Lower Upper
113 100
111 103.6 82.6 123.8
192 17.9 12.7 19.1



#37
Ethyl Acetate
Concen: 6.311 ug/l
RT: 7.571 min Scan# 955
Delta R.T. -0.000 min
Lab File: VN078801.D
Acq: 08 Aug 2023 14:48

Tgt Ion: 43 Resp: 25287
Ion Ratio Lower Upper
43 100
61 16.0 13.2 19.8
70 10.2 11.3 16.9#

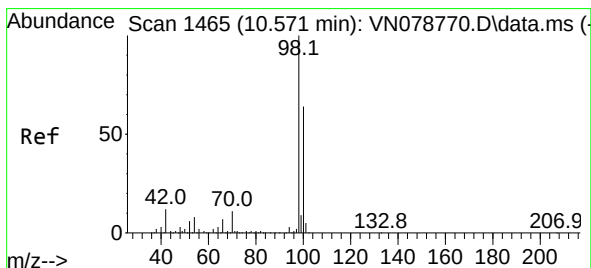
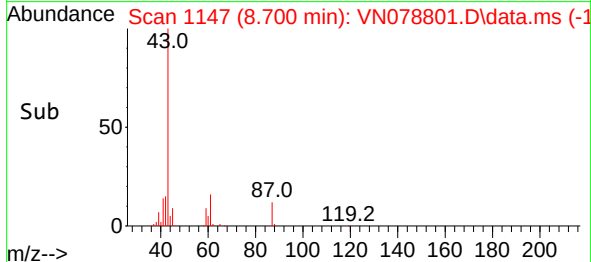
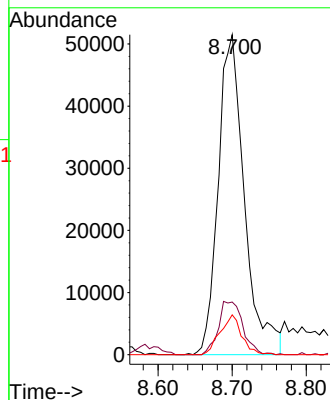
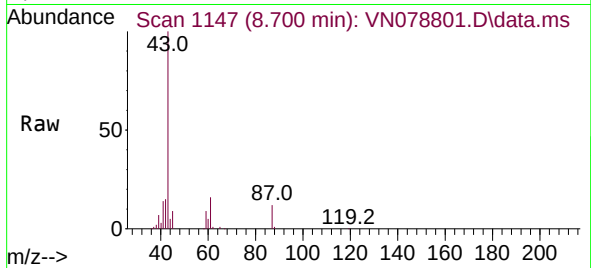




#43
Isopropyl Acetate
Concen: 18.738 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078801.D
Acq: 08 Aug 2023 14:48

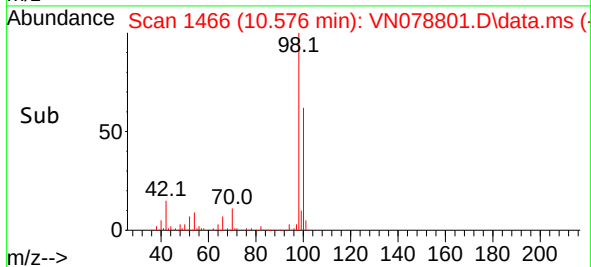
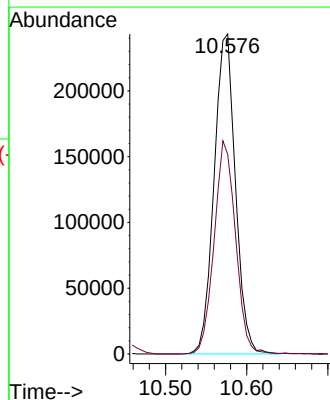
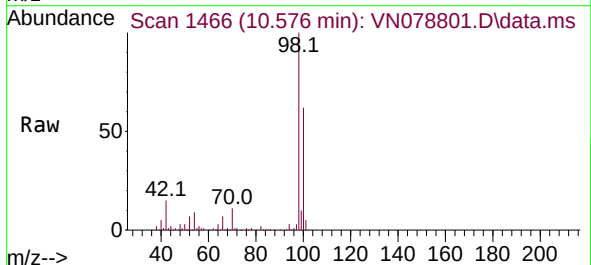
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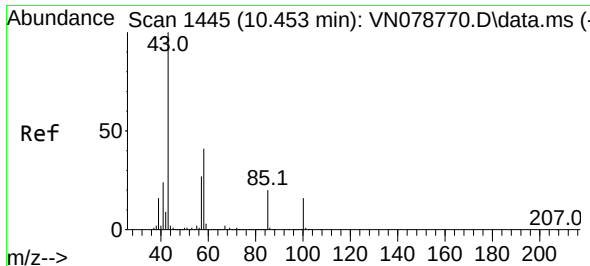
Tgt Ion: 43 Resp: 126574
Ion Ratio Lower Upper
43 100
61 15.6 24.7 37.1#
87 10.3 14.6 21.8#



#50
Toluene-d8
Concen: 49.783 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078801.D
Acq: 08 Aug 2023 14:48

Tgt Ion: 98 Resp: 444987
Ion Ratio Lower Upper
98 100
100 66.7 52.0 78.0

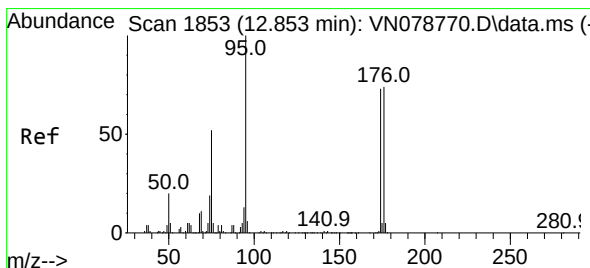
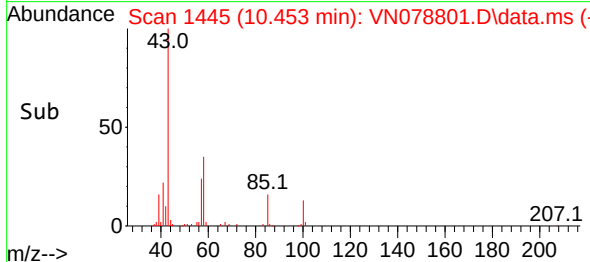
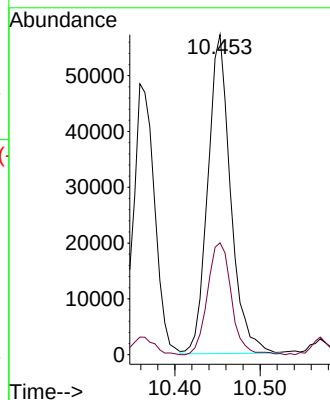
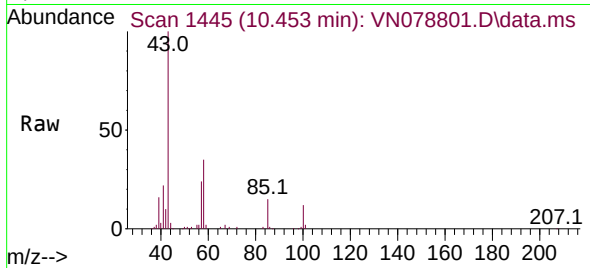




#51
4-Methyl-2-Pentanone
Concen: 25.712 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078801.D
Acq: 08 Aug 2023 14:48

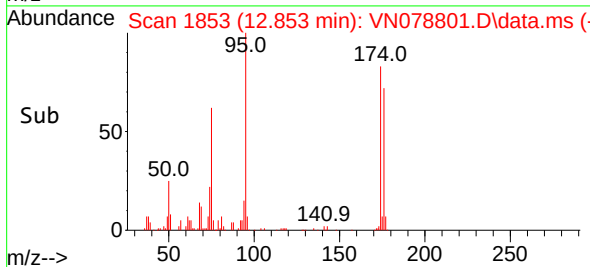
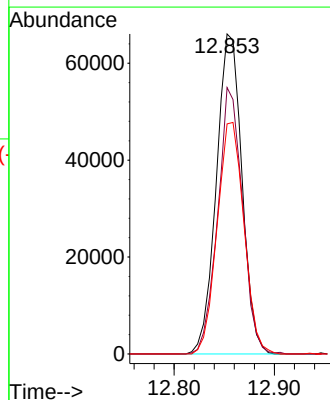
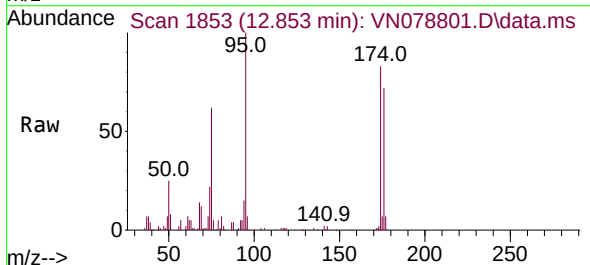
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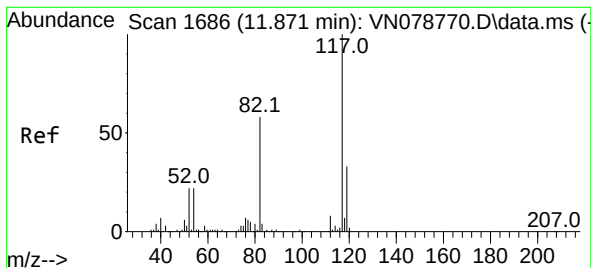
Tgt Ion: 43 Resp: 106386
Ion Ratio Lower Upper
43 100
58 36.6 36.6 54.8



#62
4-Bromofluorobenzene
Concen: 43.855 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078801.D
Acq: 08 Aug 2023 14:48

Tgt Ion: 95 Resp: 117153
Ion Ratio Lower Upper
95 100
174 80.6 0.0 143.8
176 75.4 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: VN078801.D

Acq: 08 Aug 2023 14:48

Instrument :

MSVOA_N

ClientSampleId :

WC-1

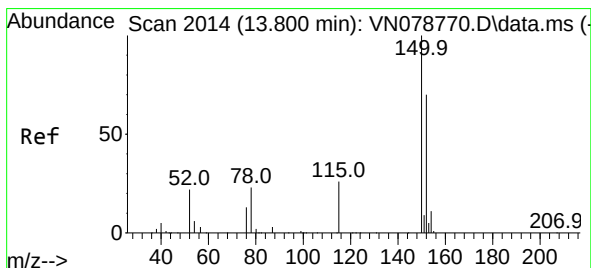
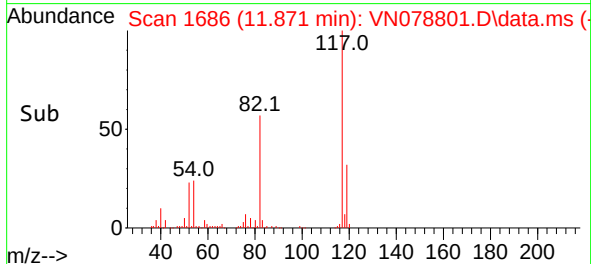
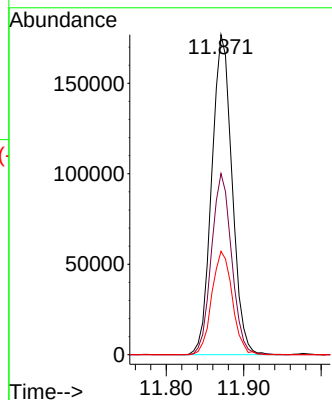
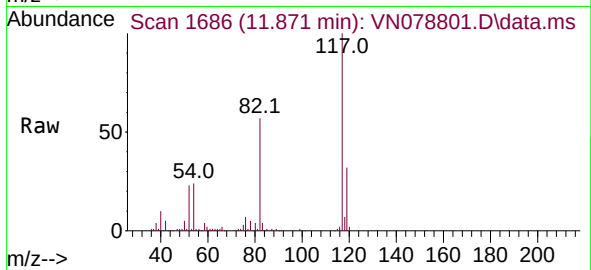
Tgt Ion:117 Resp: 322590

Ion Ratio Lower Upper

117 100

82 56.6 44.0 66.0

119 32.3 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: VN078801.D

Acq: 08 Aug 2023 14:48

Tgt Ion:152 Resp: 83239

Ion Ratio Lower Upper

152 100

115 60.9 32.3 96.8

150 158.7 0.0 355.8

