

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111723\
 Data File : VN080162.D
 Acq On : 17 Nov 2023 14:53
 Operator : JC\MD
 Sample : 05447-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SP1

Quant Time: Nov 18 02:30:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

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

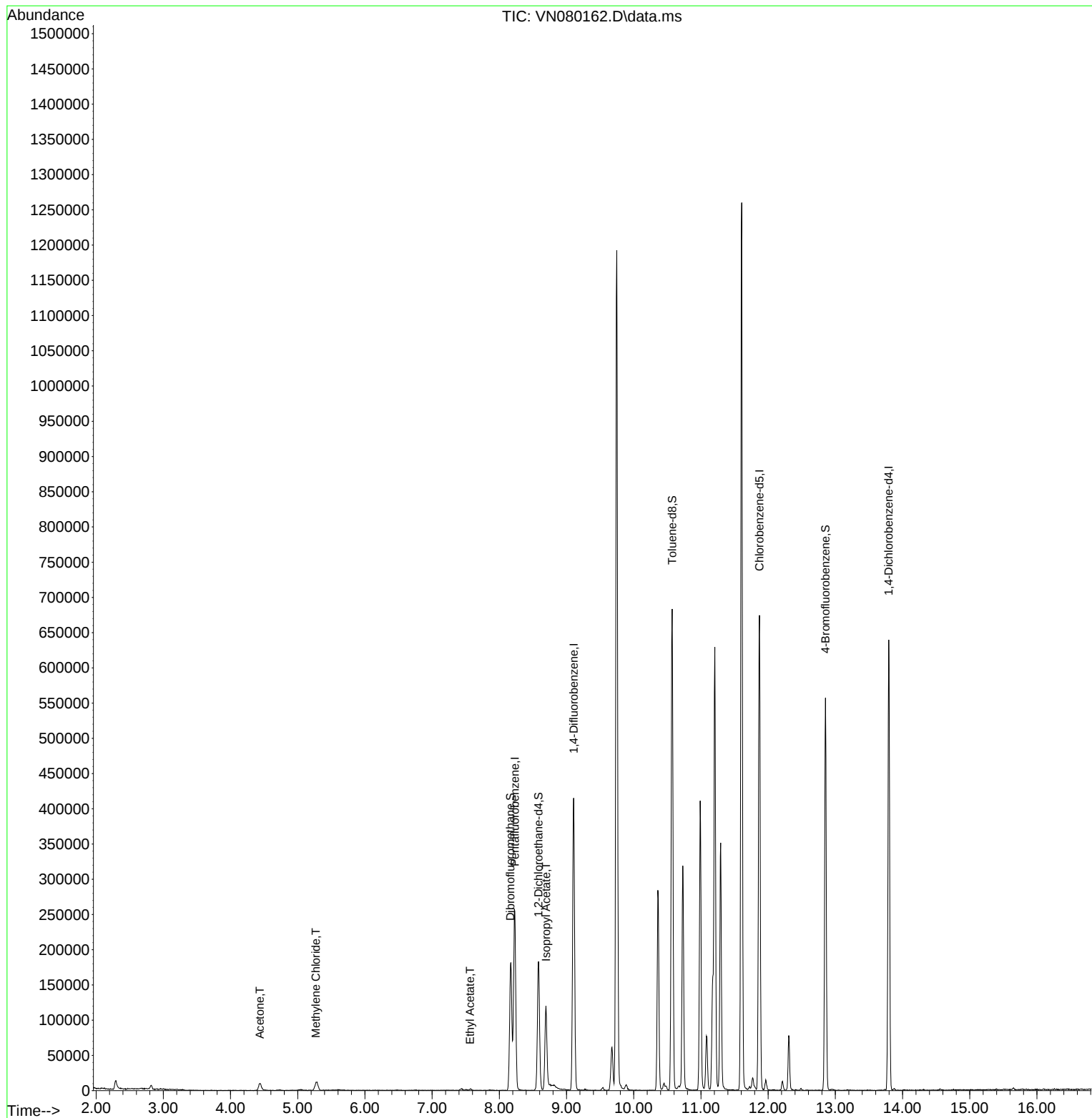
Internal Standards						
1) Pentafluorobenzene	8.230	168	180205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	344970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	386118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	169629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	165045	55.469	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.940%
35) Dibromofluoromethane	8.165	113	126623	49.745	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.500%
50) Toluene-d8	10.571	98	479994	52.311	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.620%
62) 4-Bromofluorobenzene	12.853	95	193951	55.961	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.920%
Target Compounds						
						Qvalue
16) Acetone	4.436	43	19726	19.738	ug/l	93
20) Methylene Chloride	5.271	84	10280	4.912	ug/l	98
37) Ethyl Acetate	7.565	43	2963	1.159	ug/l #	71
43) Isopropyl Acetate	8.694	43	134337	27.006	ug/l #	83

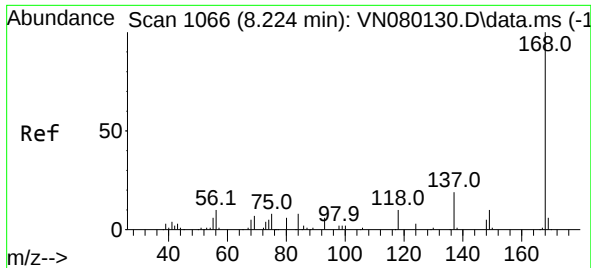
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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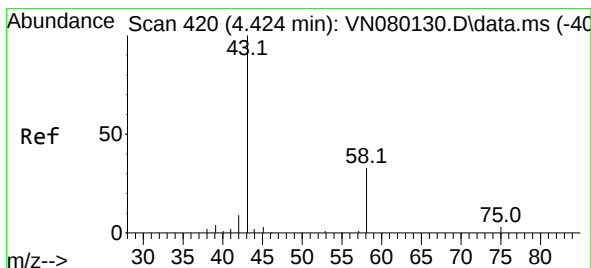
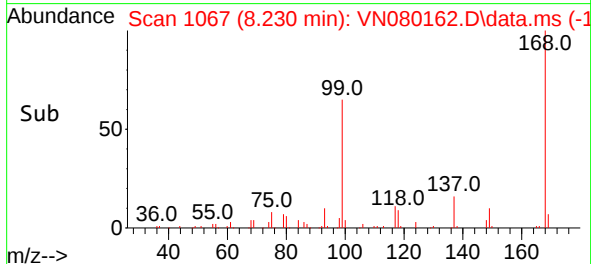
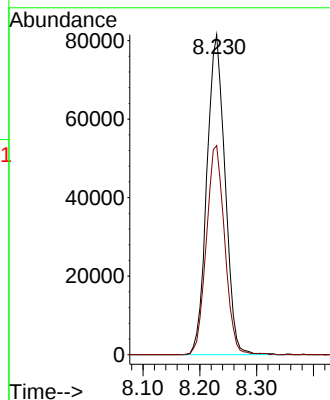
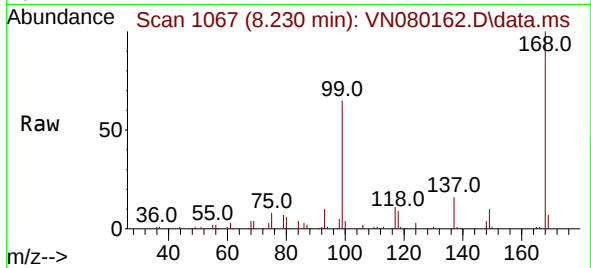




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN080162.D
Acq: 17 Nov 2023 14:53

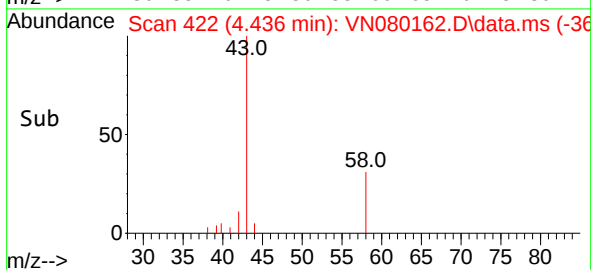
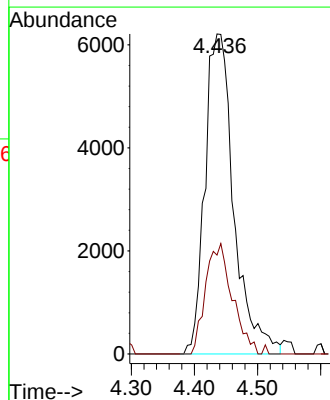
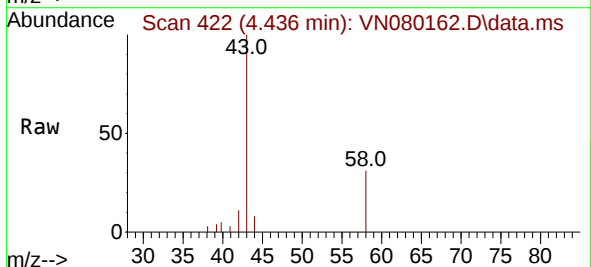
Instrument :
MSVOA_N
ClientSampleId :
SP1

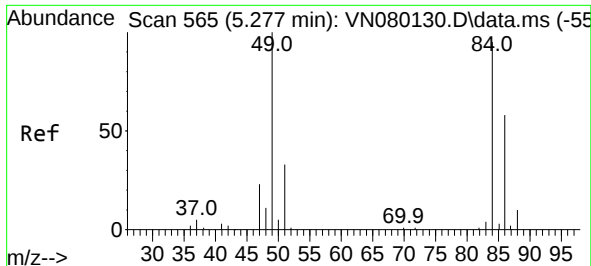
Tgt Ion:168 Resp: 180205
Ion Ratio Lower Upper
168 100
99 65.4 53.0 79.6



#16
Acetone
Concen: 19.738 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN080162.D
Acq: 17 Nov 2023 14:53

Tgt Ion: 43 Resp: 19726
Ion Ratio Lower Upper
43 100
58 30.9 28.0 42.0

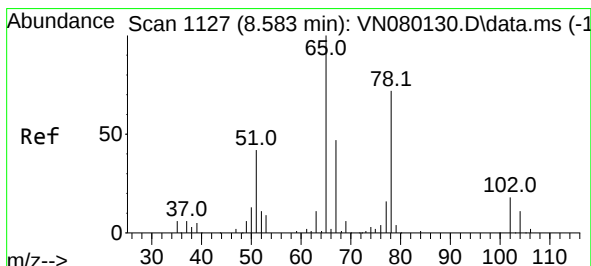
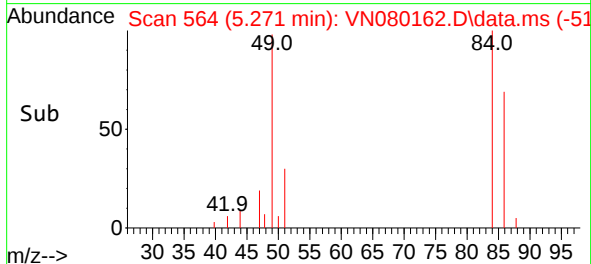
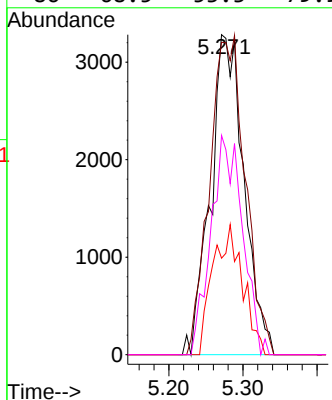
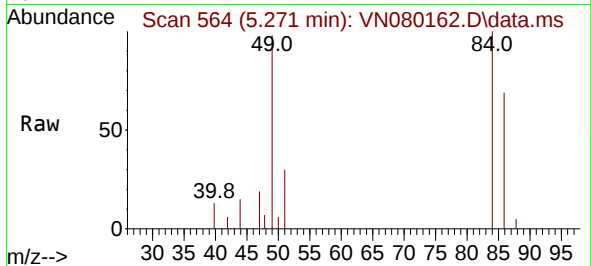




#20
Methylene Chloride
Concen: 4.912 ug/l
RT: 5.271 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN080162.D
Acq: 17 Nov 2023 14:53

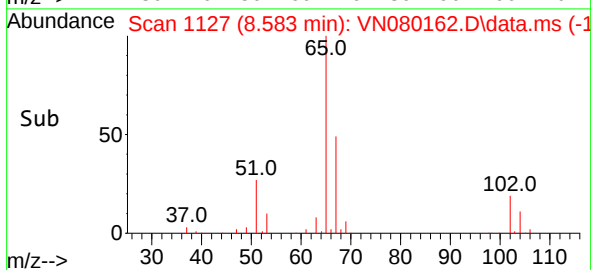
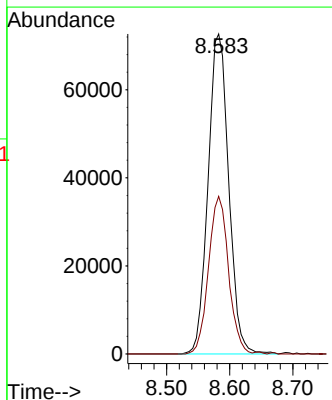
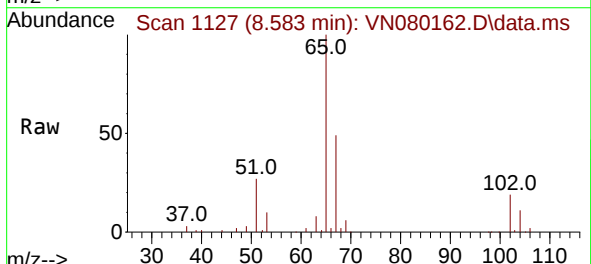
Instrument :
MSVOA_N
ClientSampleId :
SP1

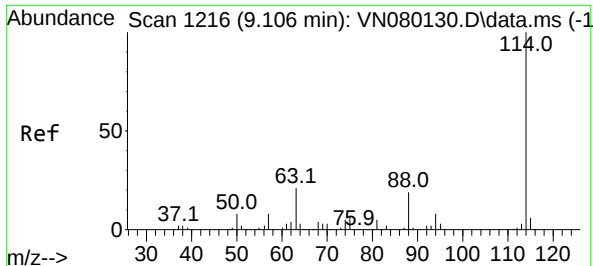
Tgt Ion: 84	Resp: 10280
Ion Ratio	Lower Upper
84 100	
49 97.6	79.7 119.5
51 30.2	25.2 37.8
86 68.5	53.3 79.9



#33
1,2-Dichloroethane-d4
Concen: 55.469 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN080162.D
Acq: 17 Nov 2023 14:53

Tgt Ion: 65	Resp: 165045
Ion Ratio	Lower Upper
65 100	
67 47.7	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: VN080162.D

Acq: 17 Nov 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

SP1

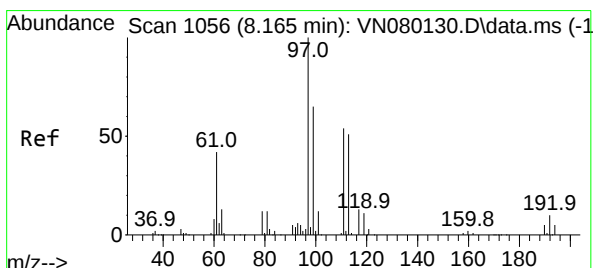
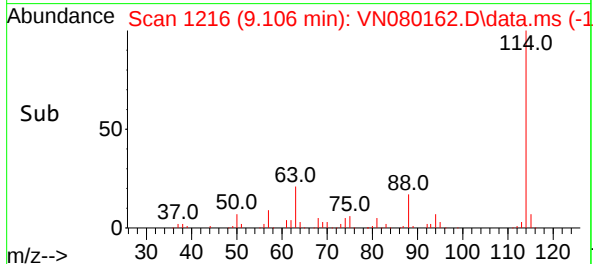
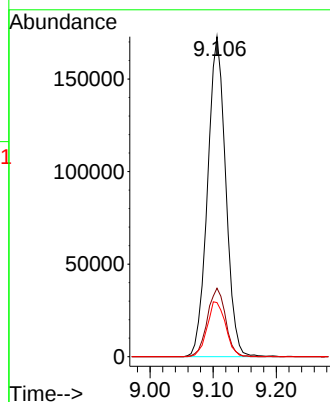
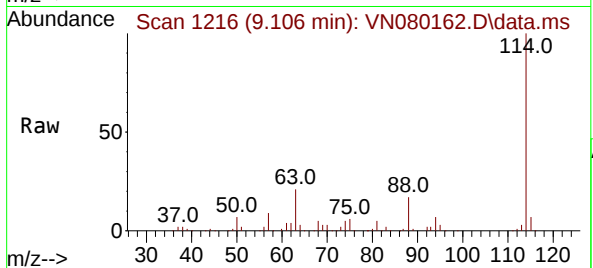
Tgt Ion:114 Resp: 344970

Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 16.9 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.745 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080162.D

Acq: 17 Nov 2023 14:53

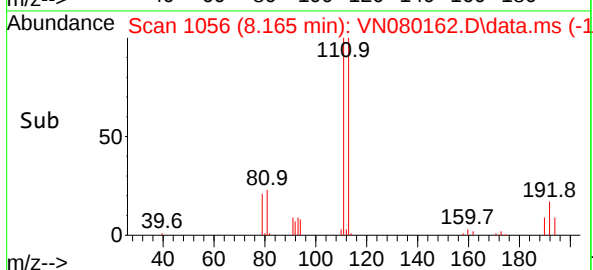
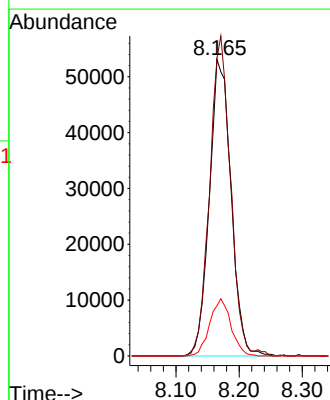
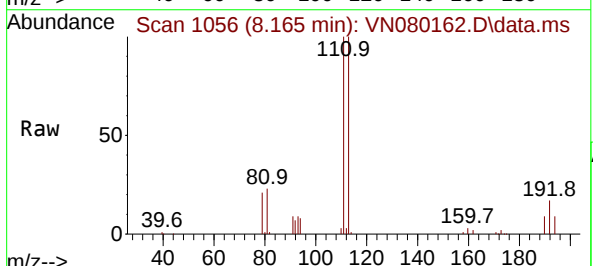
Tgt Ion:113 Resp: 126623

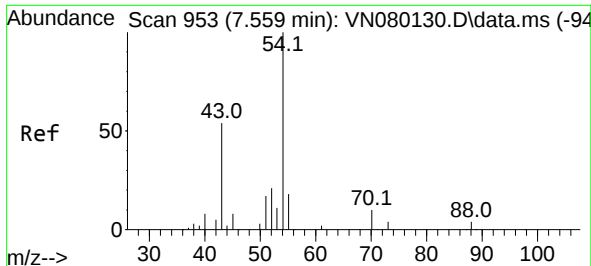
Ion Ratio Lower Upper

113 100

111 102.9 82.6 123.8

192 18.9 12.7 19.1





#37

Ethyl Acetate

Concen: 1.159 ug/l

RT: 7.565 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN080162.D

Acq: 17 Nov 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

SP1

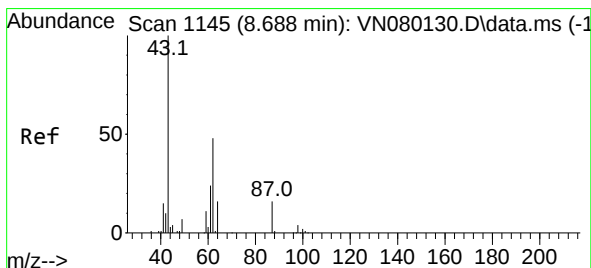
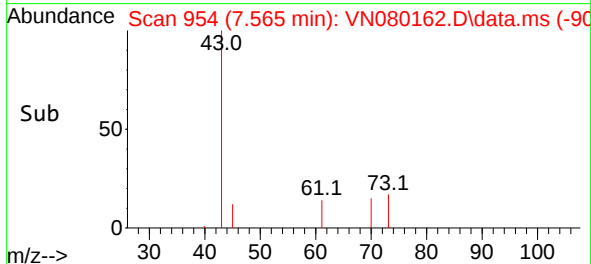
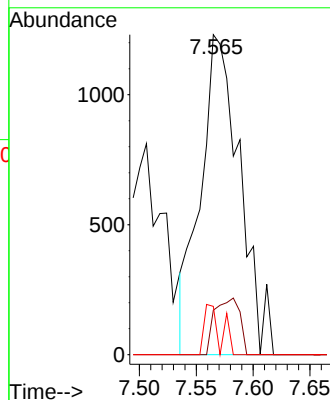
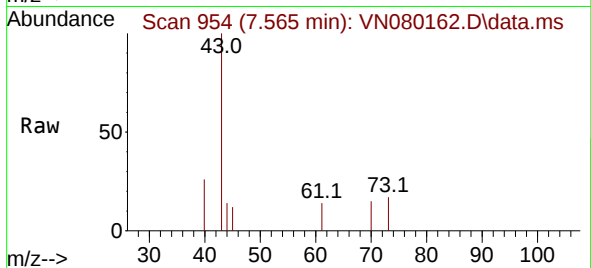
Tgt Ion: 43 Resp: 2963

Ion Ratio Lower Upper

43 100

61 0.0 13.2 19.8#

70 6.4 11.3 16.9#



#43

Isopropyl Acetate

Concen: 27.006 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN080162.D

Acq: 17 Nov 2023 14:53

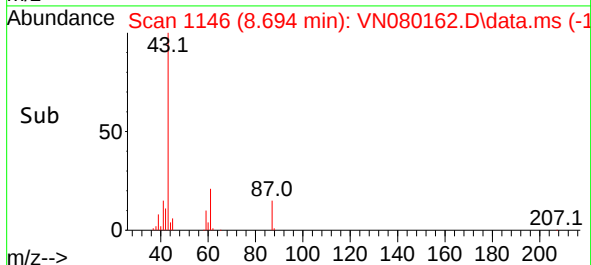
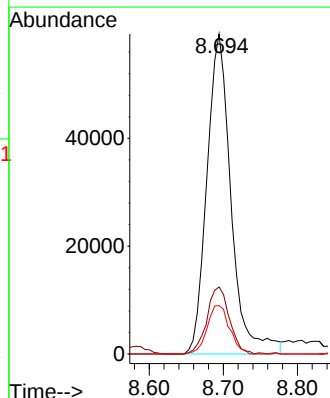
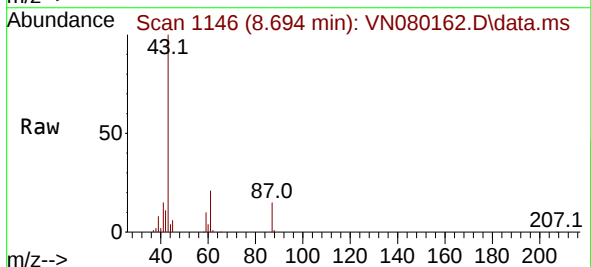
Tgt Ion: 43 Resp: 134337

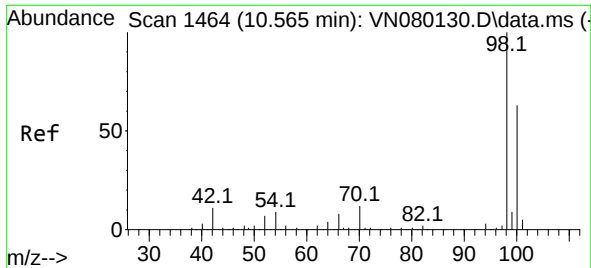
Ion Ratio Lower Upper

43 100

61 19.5 24.7 37.1#

87 14.0 14.6 21.8#

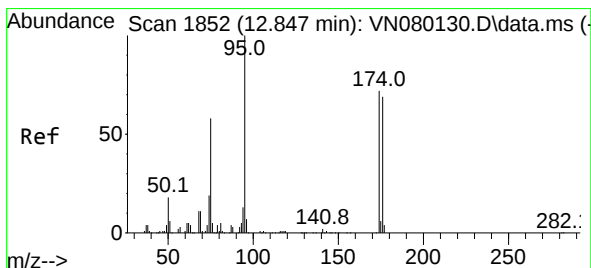
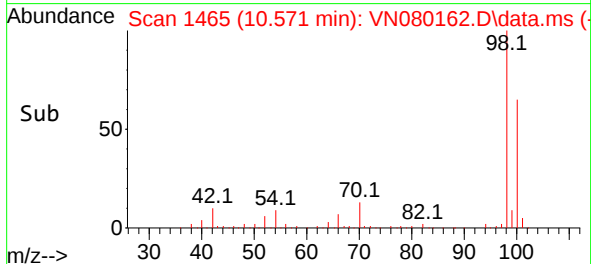
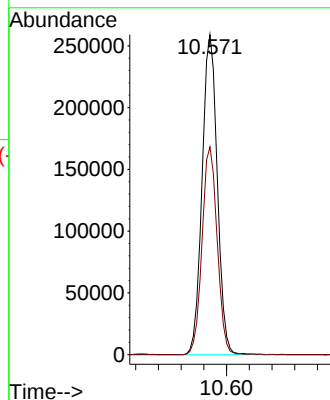
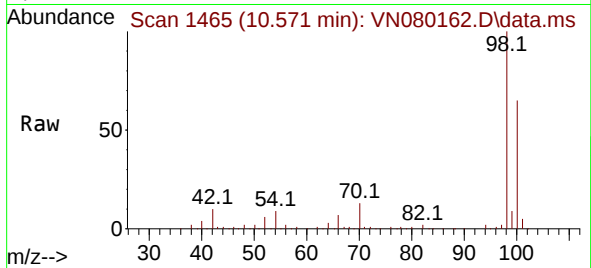




#50
Toluene-d8
Concen: 52.311 ug/l
RT: 10.571 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VN080162.D
Acq: 17 Nov 2023 14:53

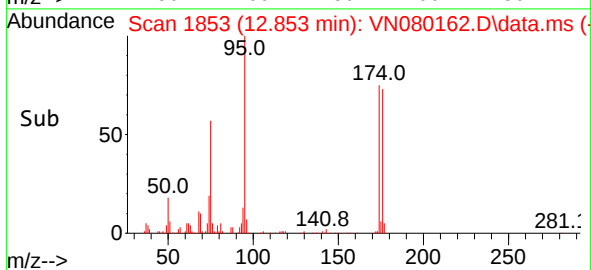
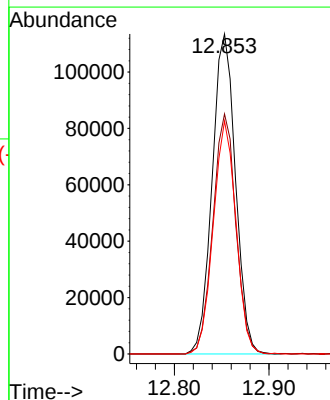
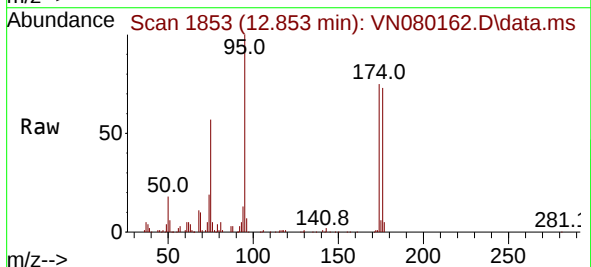
Instrument :
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SP1

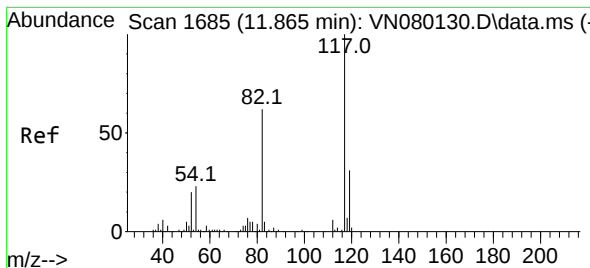
Tgt Ion: 98 Resp: 479994
Ion Ratio Lower Upper
98 100
100 64.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 55.961 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080162.D
Acq: 17 Nov 2023 14:53

Tgt Ion: 95 Resp: 193951
Ion Ratio Lower Upper
95 100
174 73.9 0.0 143.8
176 70.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN080162.D

Acq: 17 Nov 2023 14:53

Instrument :

MSVOA_N

ClientSampleId :

SP1

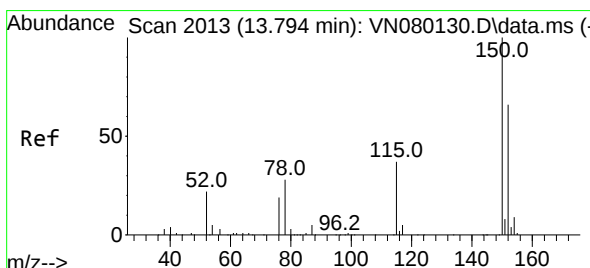
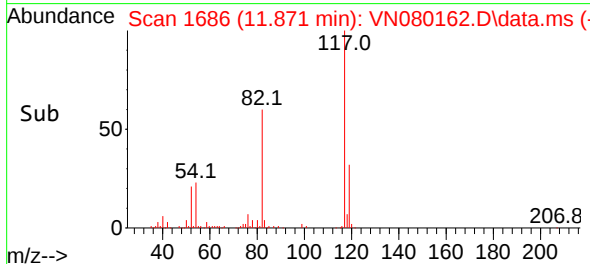
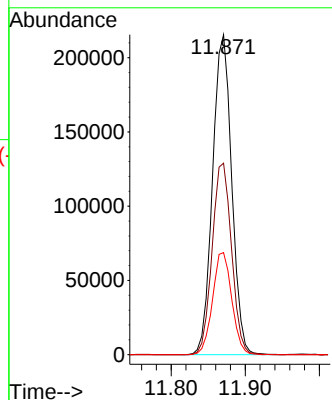
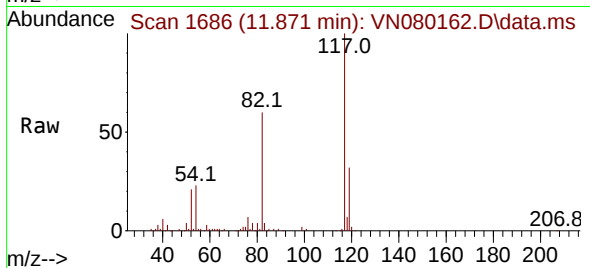
Tgt Ion:117 Resp: 386118

Ion Ratio Lower Upper

117 100

82 59.8 44.0 66.0

119 31.9 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN080162.D

Acq: 17 Nov 2023 14:53

Tgt Ion:152 Resp: 169629

Ion Ratio Lower Upper

152 100

115 65.2 32.3 96.8

150 159.1 0.0 355.8

