

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041724\
 Data File : VN081773.D
 Acq On : 17 Apr 2024 15:13
 Operator : JC\MD
 Sample : P2116-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

Quant Time: Apr 18 01:12:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

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

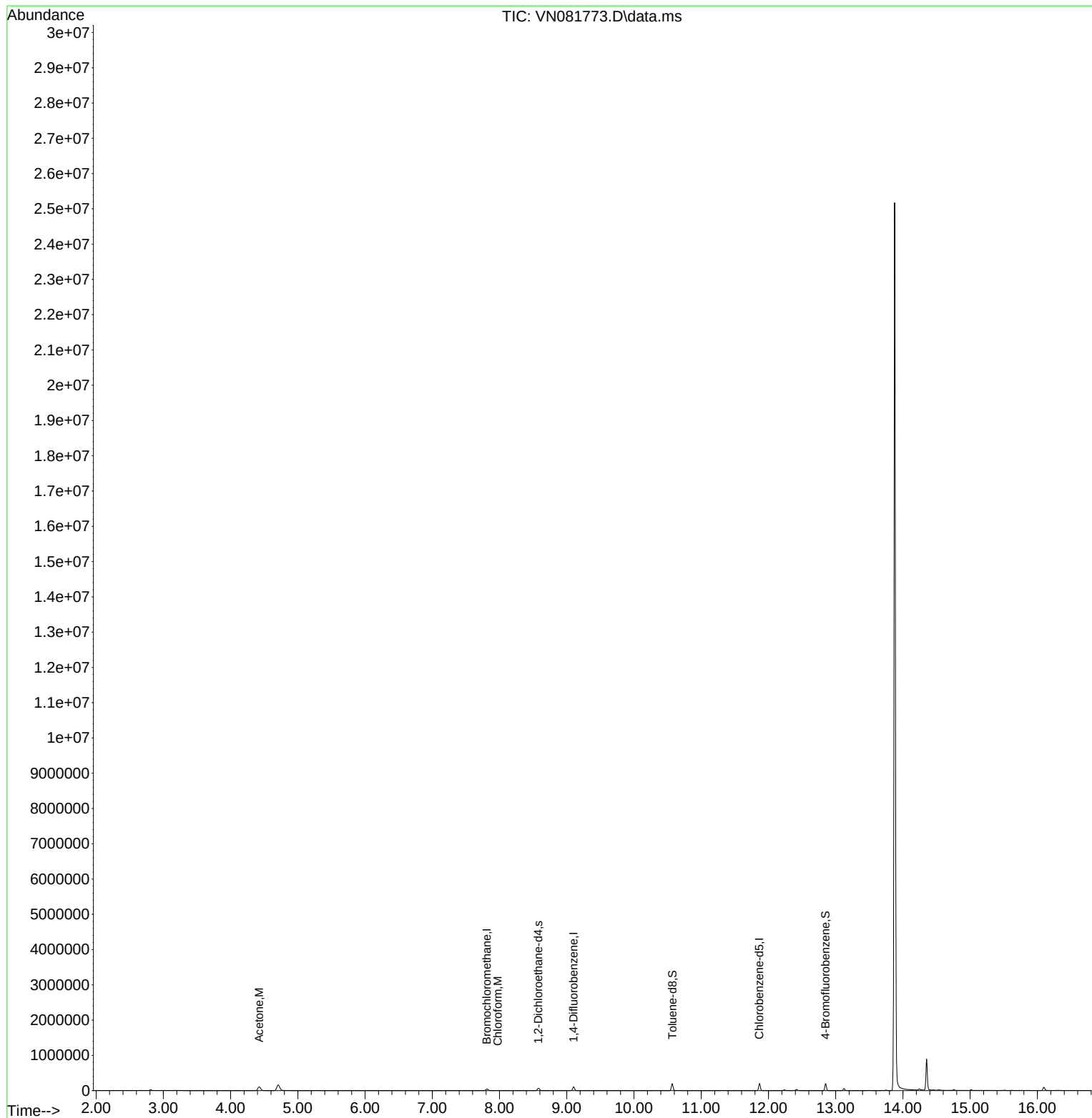
Internal Standards						
1) Bromochloromethane	7.812	128	16546	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.100	114	86470	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	112884	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	56430	27.762	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	92.533%
60) 4-Bromofluorobenzene	12.847	95	64012	28.843	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	96.133%
63) Toluene-d8	10.571	98	130474	28.815	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.033%
Target Compounds						
					Qvalue	
15) Acetone	4.424	58	62378	291.222	ug/l	87
25) Chloroform	7.971	83	4433	0.952	ug/l	98

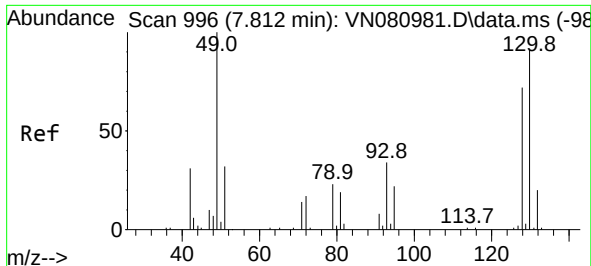
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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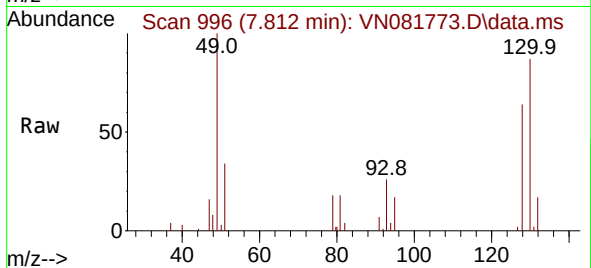
Quant Time: Apr 18 01:12:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Apr 11 09:25:01 2024
Response via : Initial Calibration



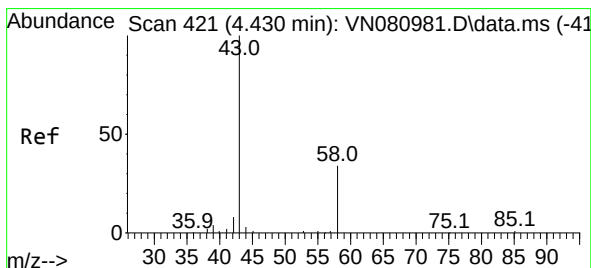
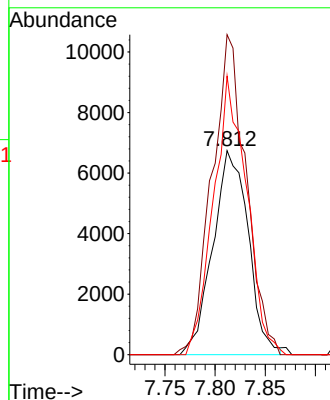
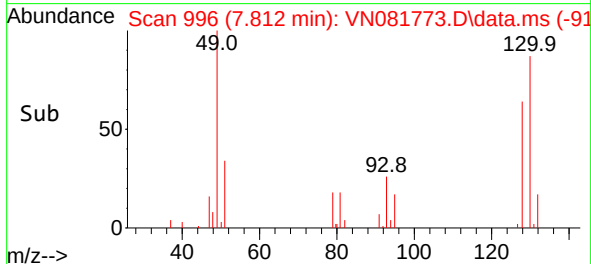


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. -0.012 min
Lab File: VN081773.D
Acq: 17 Apr 2024 15:13

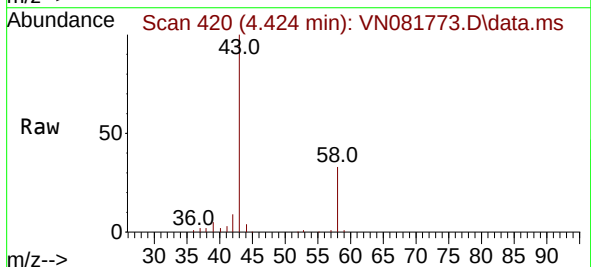
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW



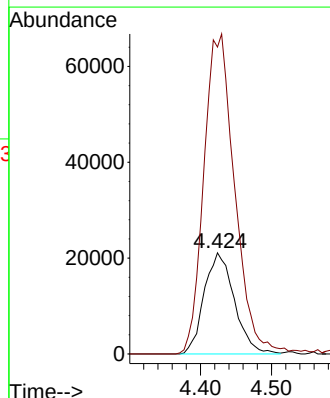
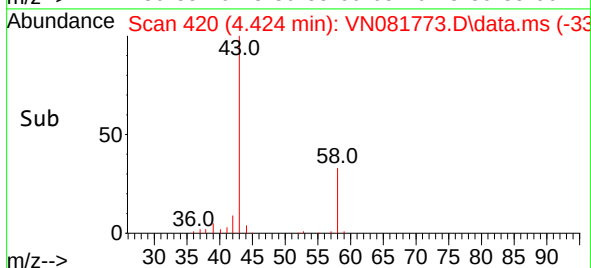
Tgt Ion:128 Resp: 16546
Ion Ratio Lower Upper
128 100
49 151.1 0.0 403.7
130 128.4 0.0 323.3

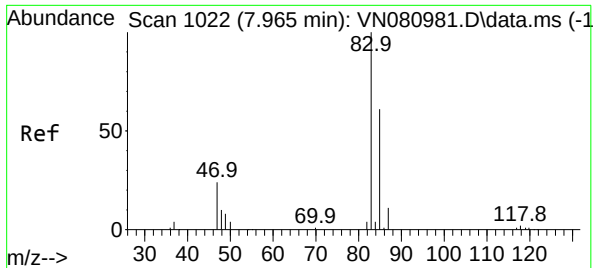


#15
Acetone
Concen: 291.222 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN081773.D
Acq: 17 Apr 2024 15:13



Tgt Ion: 58 Resp: 62378
Ion Ratio Lower Upper
58 100
43 302.3 223.1 334.7

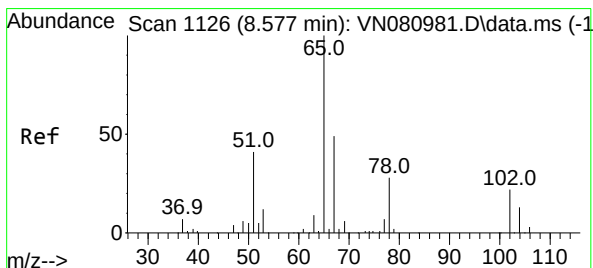
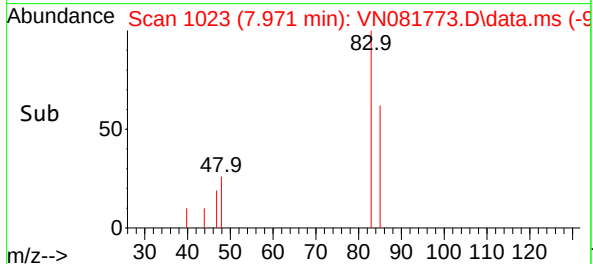
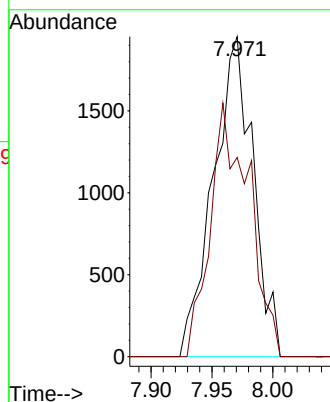
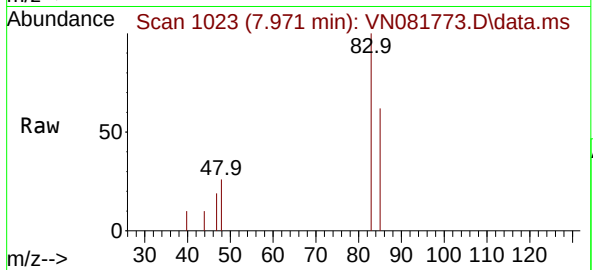




#25
Chloroform
Concen: 0.952 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN081773.D
Acq: 17 Apr 2024 15:13

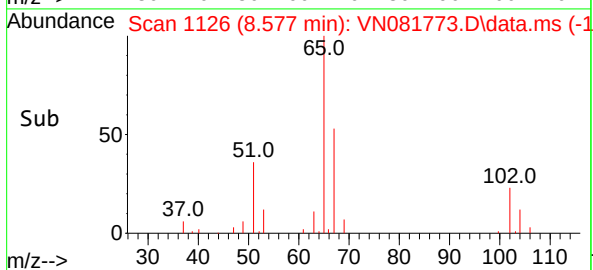
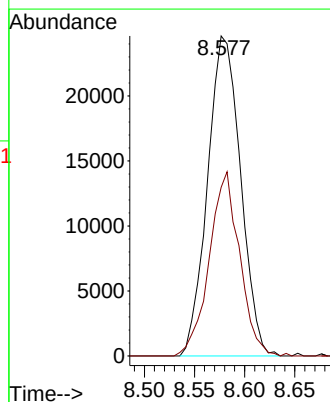
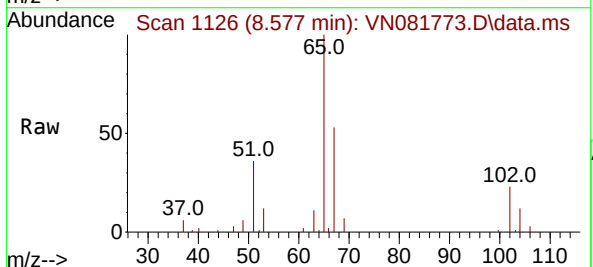
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

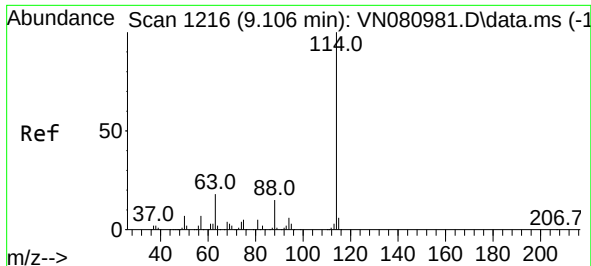
Tgt Ion: 83 Resp: 4433
Ion Ratio Lower Upper
83 100
85 62.3 50.9 76.3



#27
1,2-Dichloroethane-d4
Concen: 27.762 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN081773.D
Acq: 17 Apr 2024 15:13

Tgt Ion: 65 Resp: 56430
Ion Ratio Lower Upper
65 100
67 52.9 43.2 64.8





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN081773.D

Acq: 17 Apr 2024 15:13

Instrument :

MSVOA_N

ClientSampleId :

EFF-WW

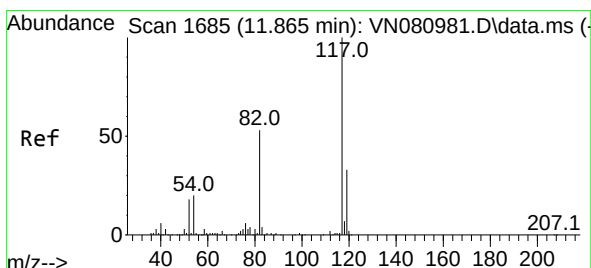
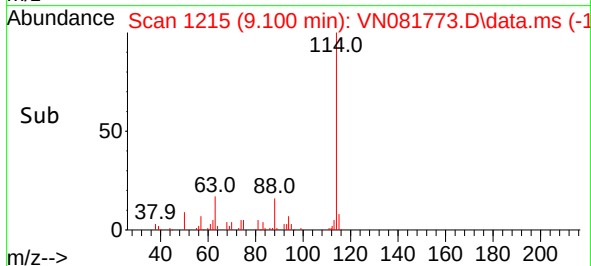
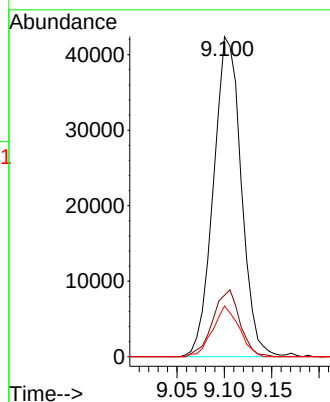
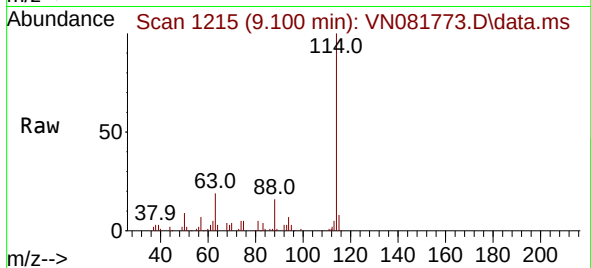
Tgt Ion:114 Resp: 86470

Ion Ratio Lower Upper

114 100

63 20.3 15.9 23.9

88 15.0 12.7 19.1



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN081773.D

Acq: 17 Apr 2024 15:13

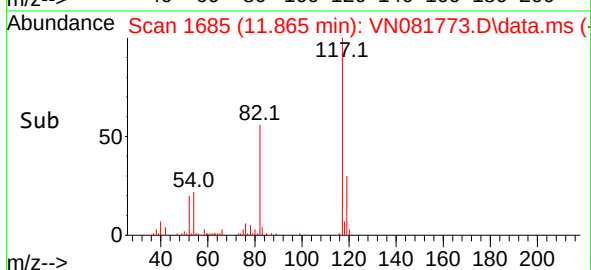
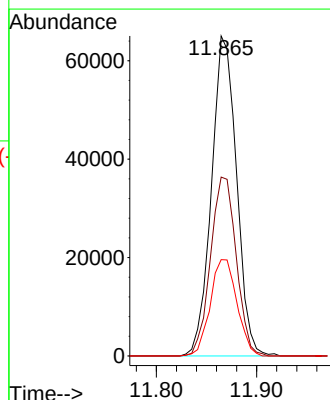
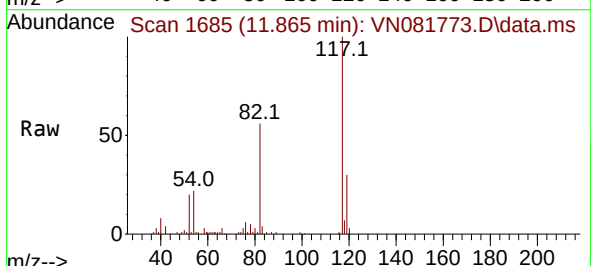
Tgt Ion:117 Resp: 112884

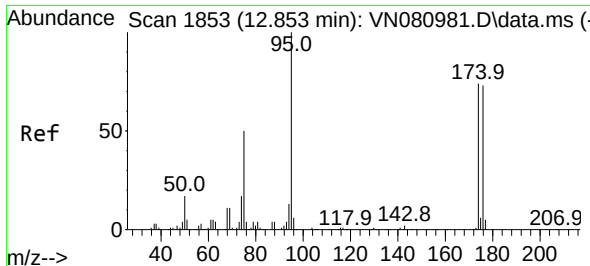
Ion Ratio Lower Upper

117 100

82 57.3 46.6 69.8

119 32.1 25.4 38.2

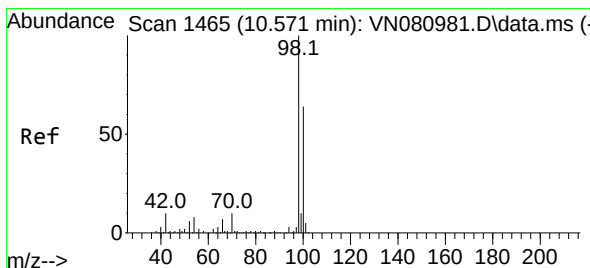
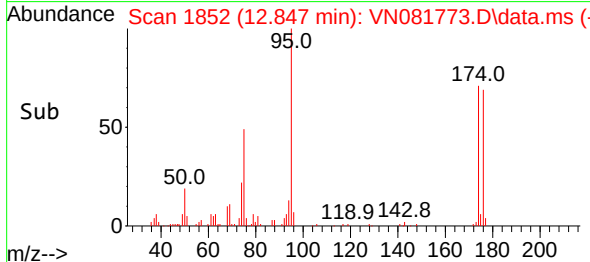
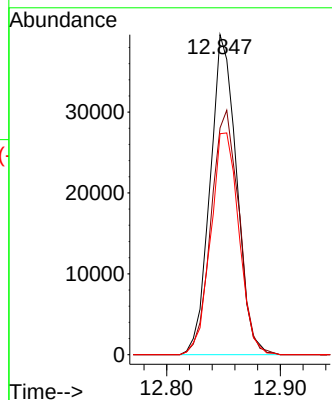
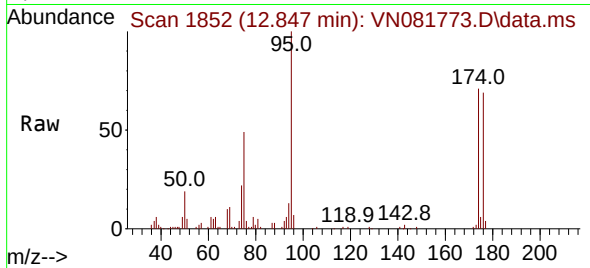




#60
4-Bromofluorobenzene
Concen: 28.843 ug/l
RT: 12.847 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN081773.D
Acq: 17 Apr 2024 15:13

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Tgt Ion: 95 Resp: 64012
Ion Ratio Lower Upper
95 100
174 80.5 60.5 90.7
176 74.0 57.8 86.6



#63
Toluene-d8
Concen: 28.815 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.006 min
Lab File: VN081773.D
Acq: 17 Apr 2024 15:13

Tgt Ion: 98 Resp: 130474
Ion Ratio Lower Upper
98 100
100 64.4 52.7 79.1

