

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111524\
 Data File : VN084880.D
 Acq On : 15 Nov 2024 19:36
 Operator : JC\MD
 Sample : P4762-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

Quant Time: Nov 15 22:30:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

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

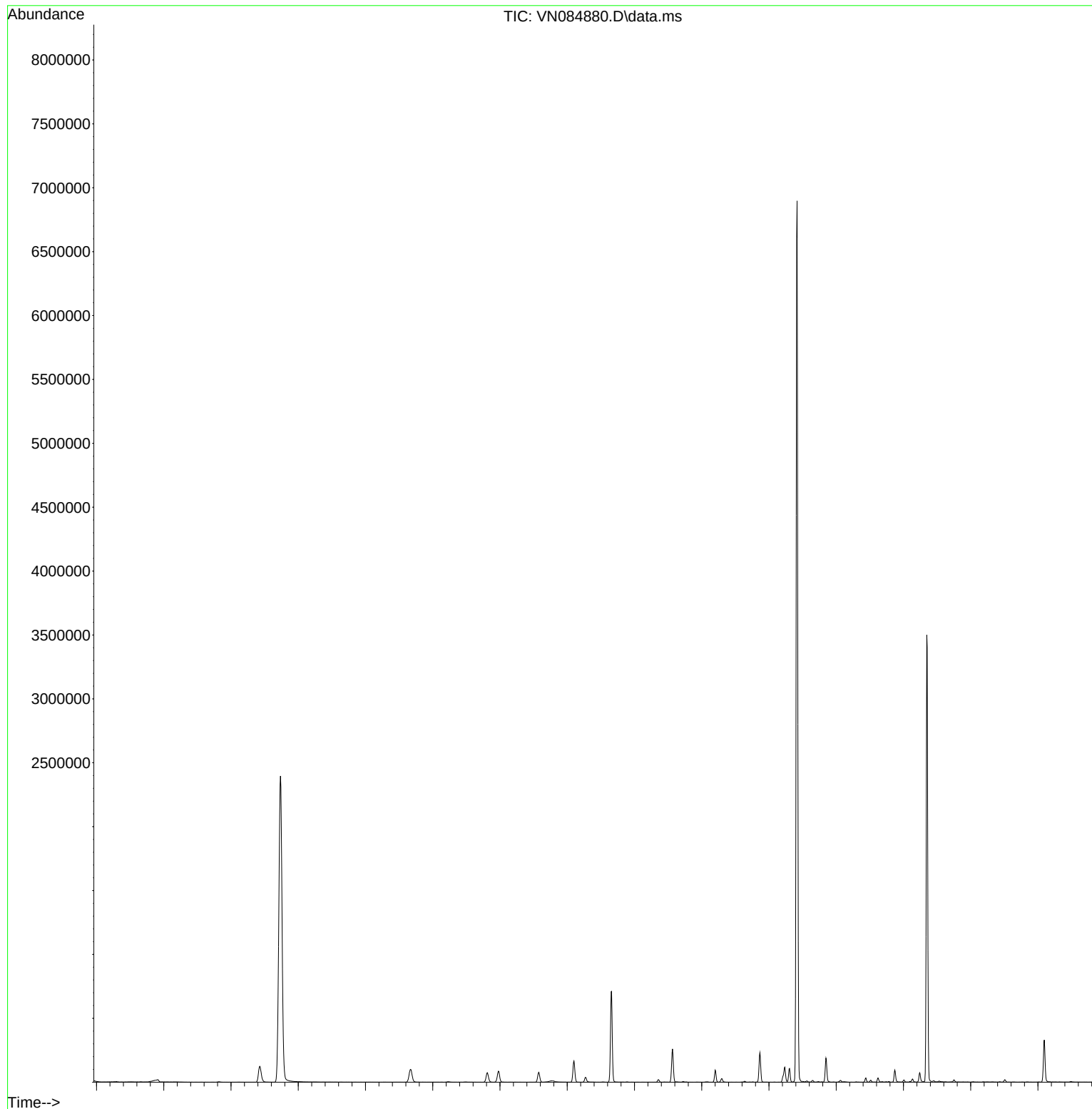
Internal Standards						
1) Bromochloromethane	7.812	128	27425	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	140972	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	134154	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	64789	29.385	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.967%
60) 4-Bromofluorobenzene	12.847	95	65412	28.318	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.400%
63) Toluene-d8	10.565	98	173751	27.359	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	91.200%
Target Compounds						
15) Acetone	4.424	58	76741	366.457	ug/l	97
20) Diisopropyl ether	6.671	45	121988	22.375	ug/l	99
25) Chloroform	7.965	83	15310	4.558	ug/l	96

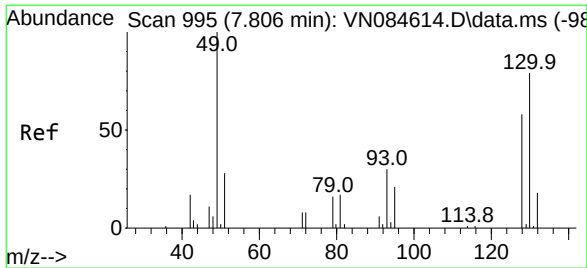
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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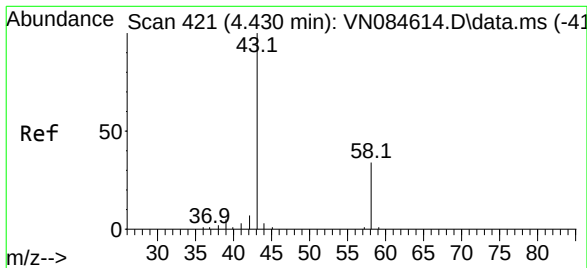
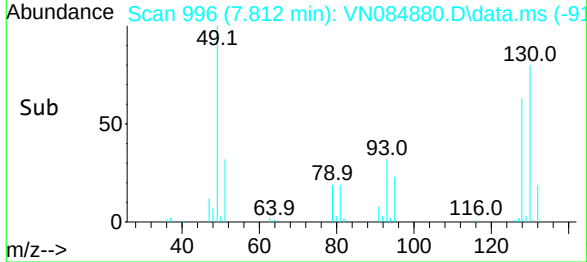
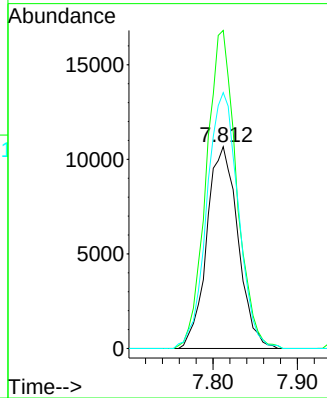
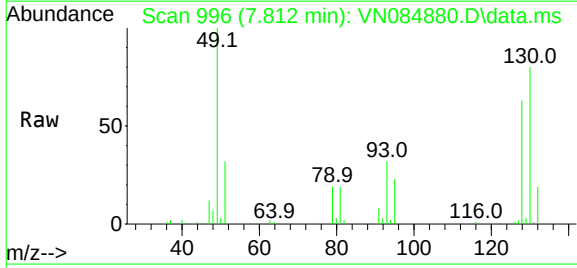




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 995
Delta R.T. 0.006 min
Lab File: VN084880.D
Acq: 15 Nov 2024 19:36

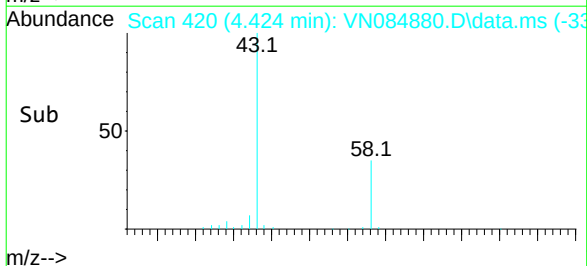
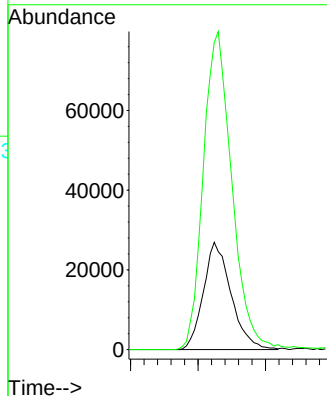
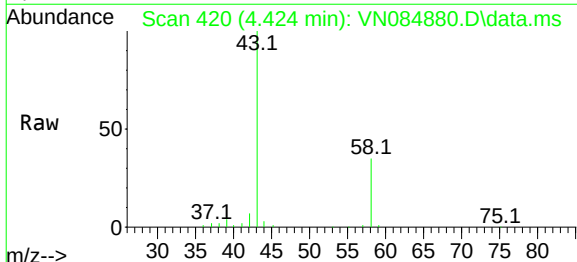
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

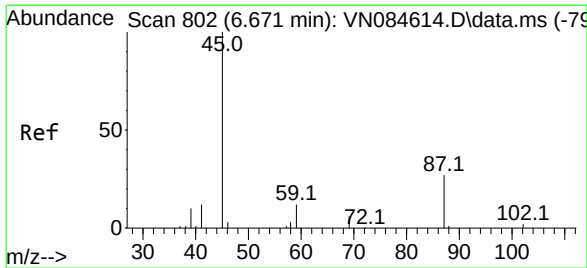
Tgt Ion	Ratio	Lower	Upper
128	100		
49	152.3	0.0	427.0
130	128.0	0.0	322.2



#15
Acetone
Concen: 366.457 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN084880.D
Acq: 15 Nov 2024 19:36

Tgt Ion	Ratio	Lower	Upper
58	100		
43	285.7	233.0	349.6





#20

Diisopropyl ether

Concen: 22.375 ug/l

RT: 6.671 min Scan# 802

Delta R.T. 0.000 min

Lab File: VN084880.D

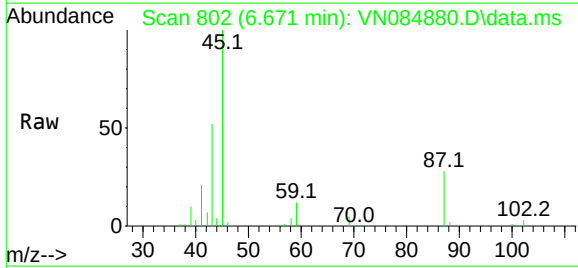
Acq: 15 Nov 2024 19:36

Instrument :

MSVOA_N

ClientSampleId :

EFF-WW



Tgt Ion: 45 Resp: 121988

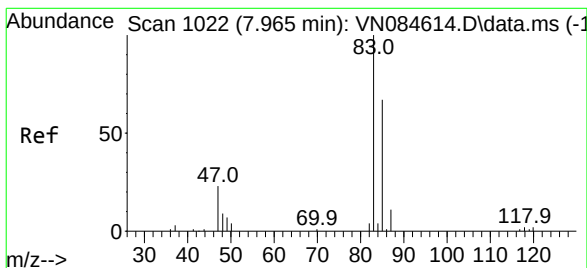
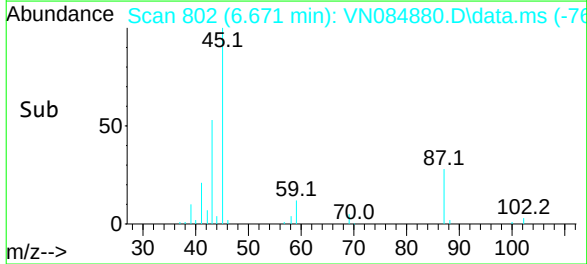
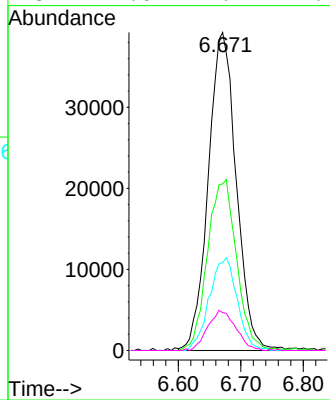
Ion Ratio Lower Upper

45 100

43 52.7 42.6 64.0

87 27.8 23.0 34.4

59 12.0 9.4 14.0



#25

Chloroform

Concen: 4.558 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN084880.D

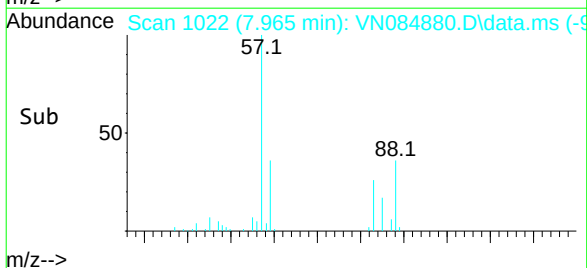
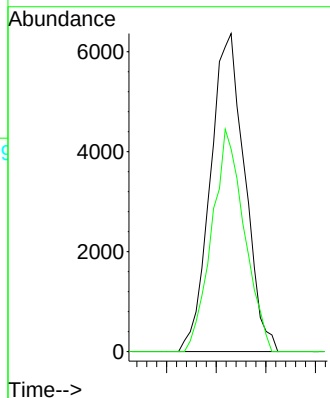
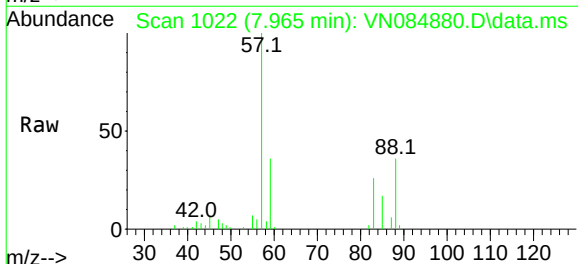
Acq: 15 Nov 2024 19:36

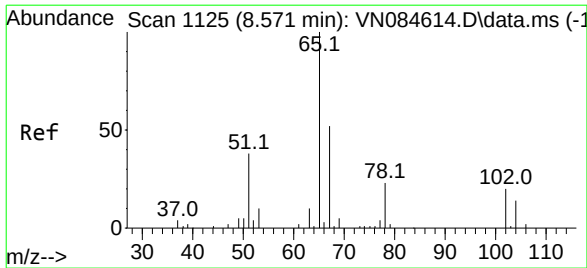
Tgt Ion: 83 Resp: 15310

Ion Ratio Lower Upper

83 100

85 63.7 53.4 80.2

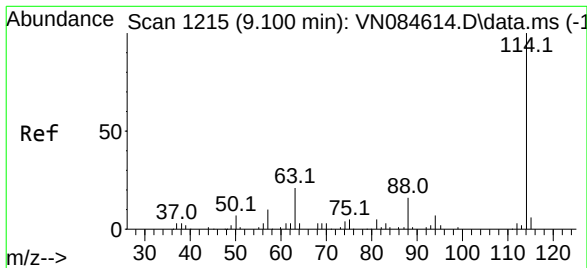
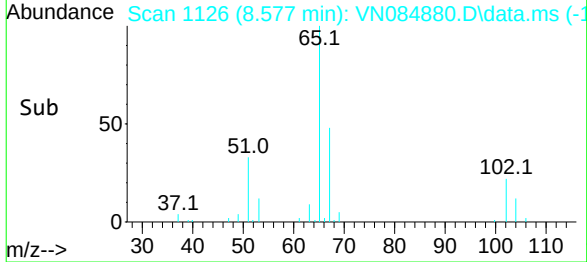
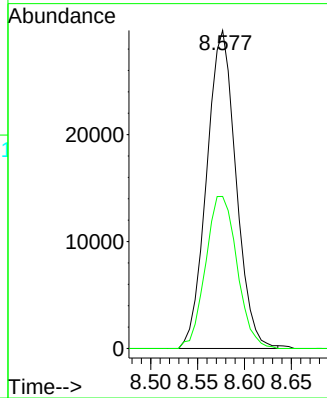
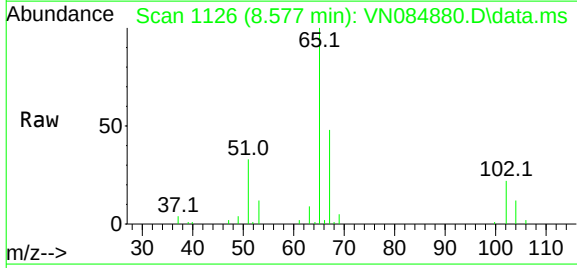




#27
1,2-Dichloroethane-d4
Concen: 29.385 ug/l
RT: 8.577 min Scan# 1125
Delta R.T. 0.006 min
Lab File: VN084880.D
Acq: 15 Nov 2024 19:36

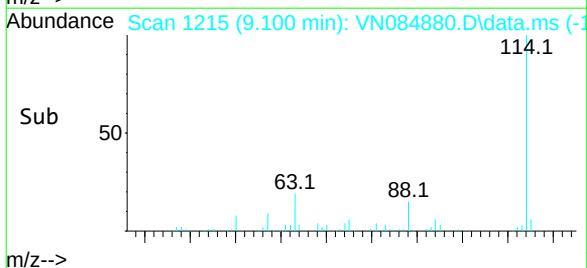
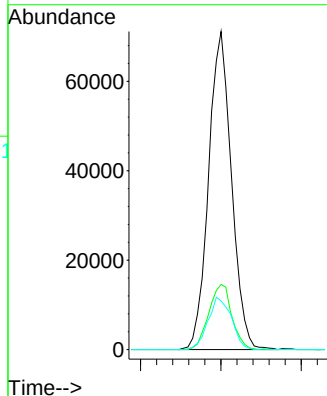
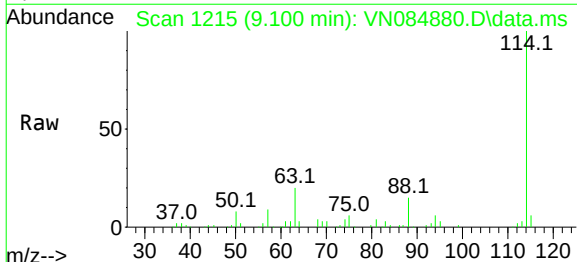
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

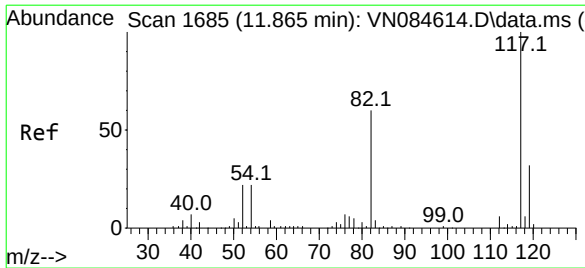
Tgt Ion: 65 Resp: 64789
Ion Ratio Lower Upper
65 100
67 51.3 40.7 61.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084880.D
Acq: 15 Nov 2024 19:36

Tgt Ion: 114 Resp: 140972
Ion Ratio Lower Upper
114 100
63 20.6 16.8 25.2
88 16.7 12.9 19.3

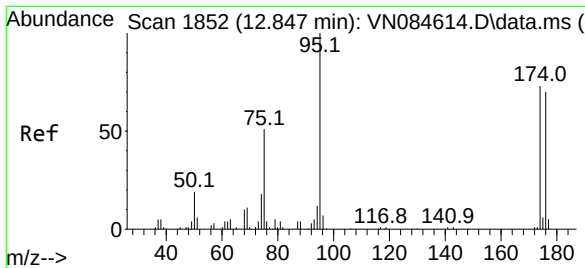
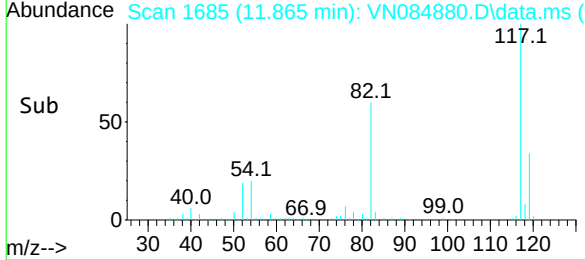
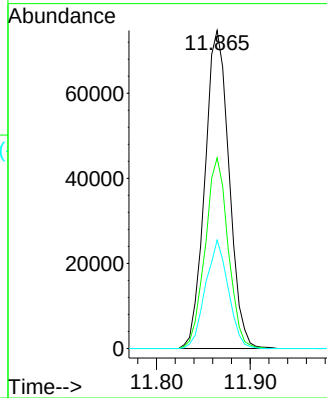
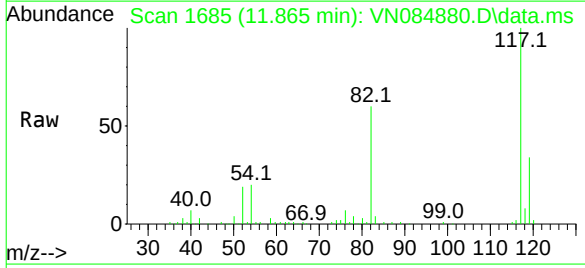




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084880.D
Acq: 15 Nov 2024 19:36

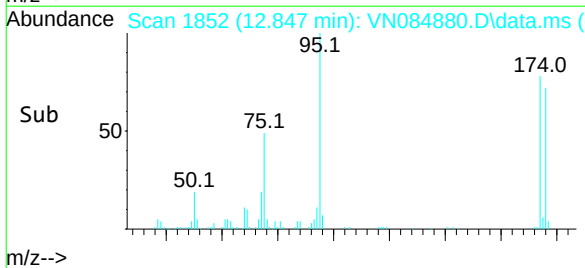
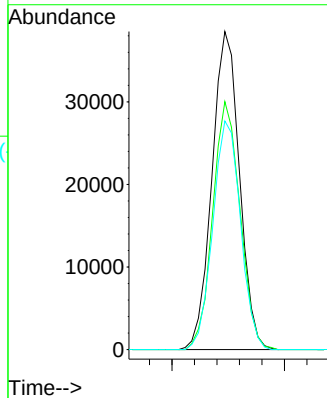
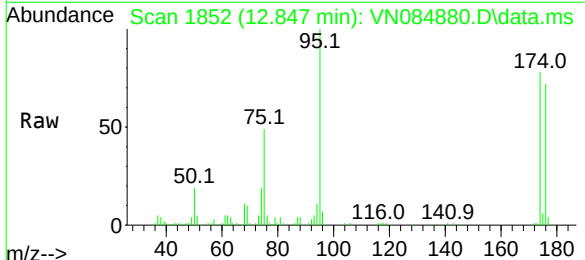
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

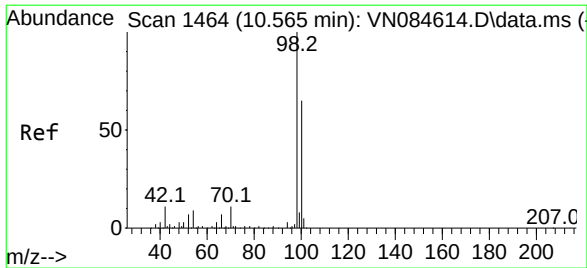
Tgt Ion:117 Resp: 134154
Ion Ratio Lower Upper
117 100
82 57.1 45.5 68.3
119 32.2 25.3 37.9



#60
4-Bromofluorobenzene
Concen: 28.318 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084880.D
Acq: 15 Nov 2024 19:36

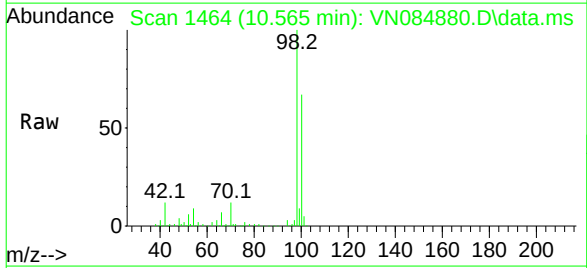
Tgt Ion: 95 Resp: 65412
Ion Ratio Lower Upper
95 100
174 77.4 59.6 89.4
176 72.3 58.6 88.0





#63
Toluene-d8
Concen: 27.359 ug/l
RT: 10.565 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN084880.D
Acq: 15 Nov 2024 19:36

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW



Tgt Ion: 98 Resp: 173751
Ion Ratio Lower Upper
98 100
100 66.4 52.2 78.2

