

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021723\
 Data File : VN076740.D
 Acq On : 17 Feb 2023 17:40
 Operator : JC\MD
 Sample : 01609-01 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 EFF-WW

Quant Time: Feb 18 02:13:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Feb 16 01:08:46 2023
 Response via : Initial Calibration

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

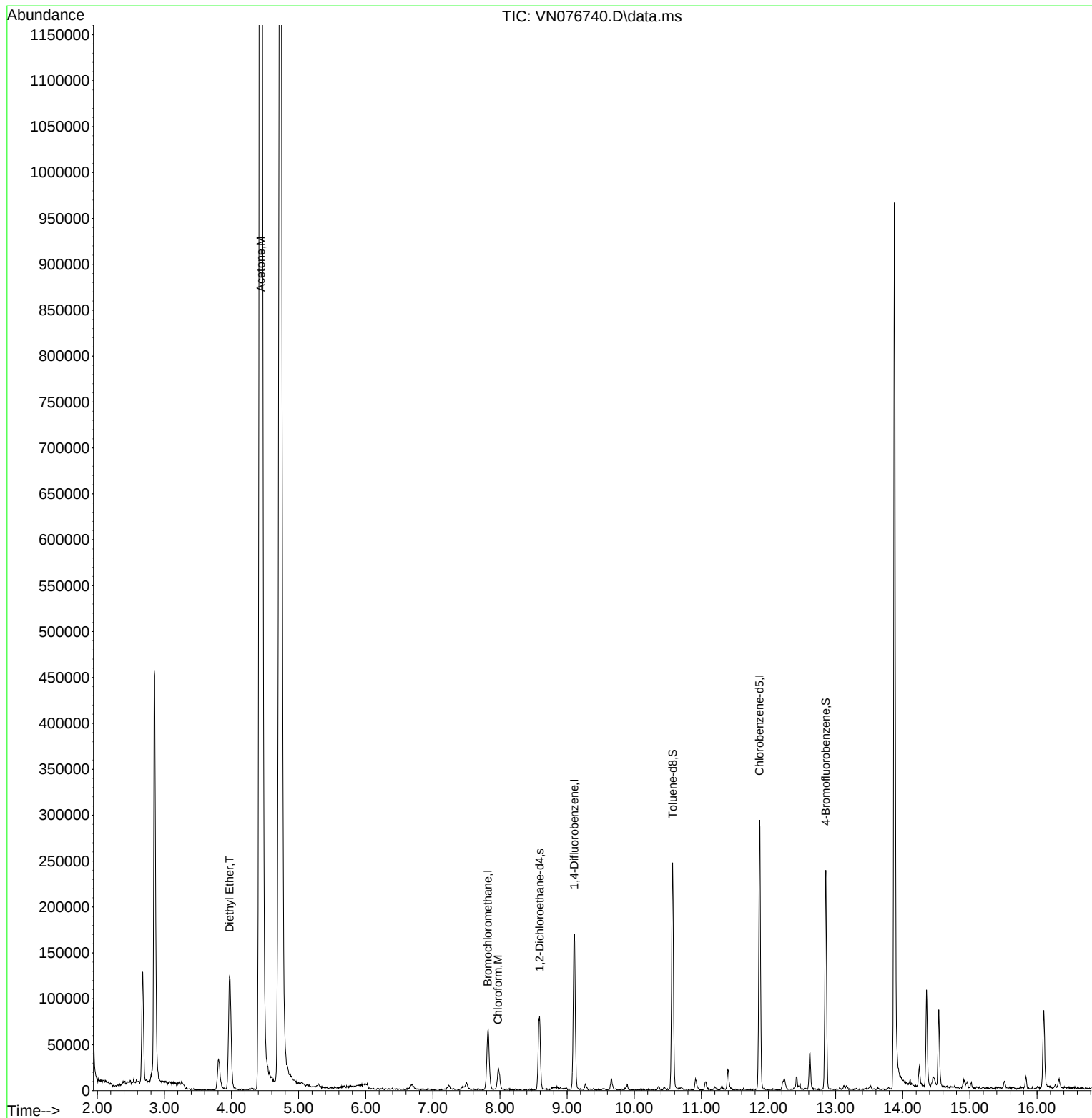
Internal Standards						
1) Bromochloromethane	7.819	128	21913	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	140082	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	160168	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.589	65	62742	31.305	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	104.367%
60) 4-Bromofluorobenzene	12.854	95	73601	25.980	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	86.600%
63) Toluene-d8	10.572	98	157728	28.115	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	93.700%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.972	74	72640	48.323	ug/l	95
15) Acetone	4.437	58	1575337	3576.118	ug/l	88
25) Chloroform	7.972	83	15887	3.384	ug/l	93

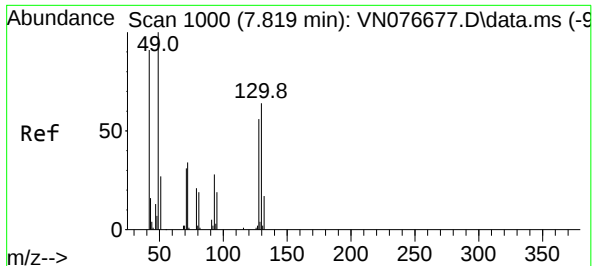
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021723\
Data File : VN076740.D
Acq On : 17 Feb 2023 17:40
Operator : JC\MD
Sample : 01609-01 5X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

Quant Time: Feb 18 02:13:26 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N021523W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Feb 16 01:08:46 2023
Response via : Initial Calibration

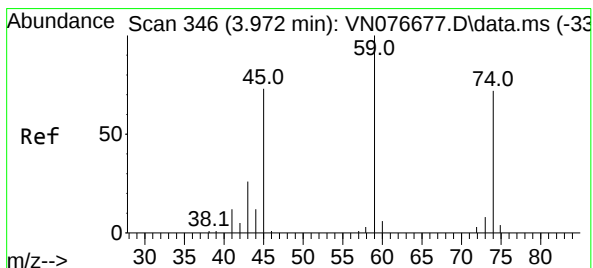
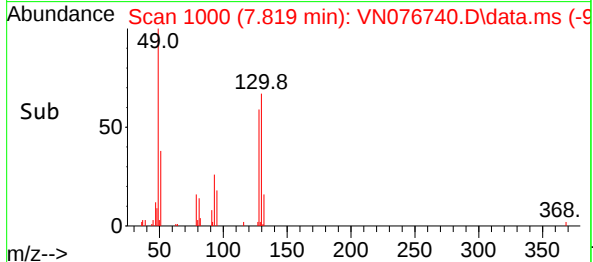
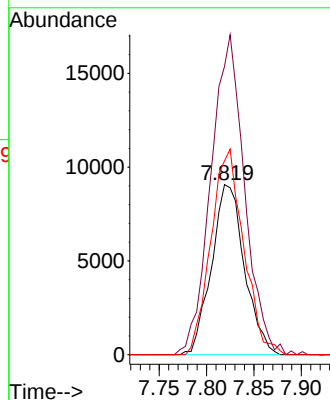
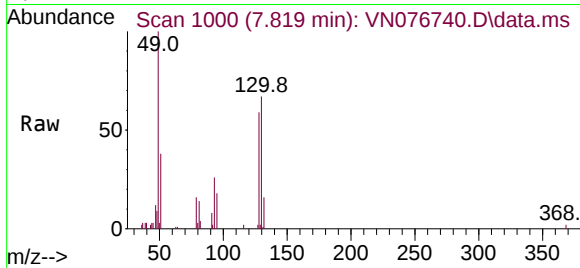




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN076740.D
Acq: 17 Feb 2023 17:40

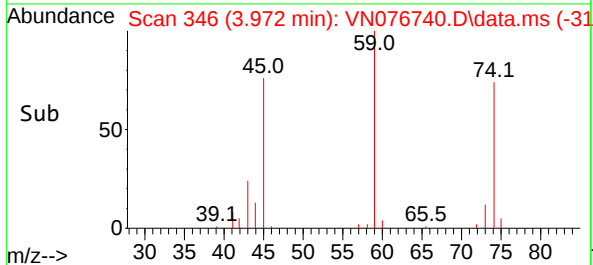
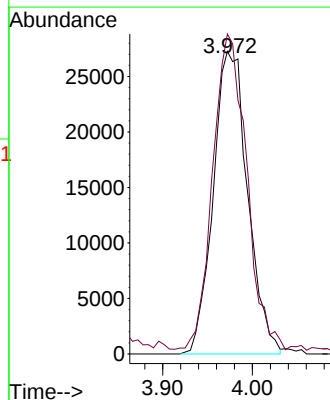
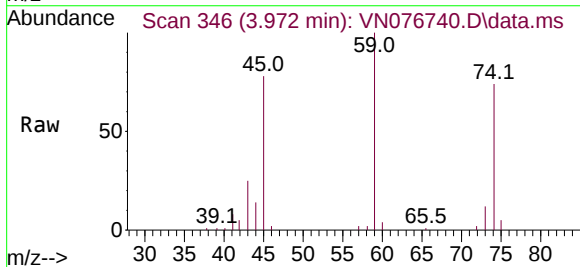
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

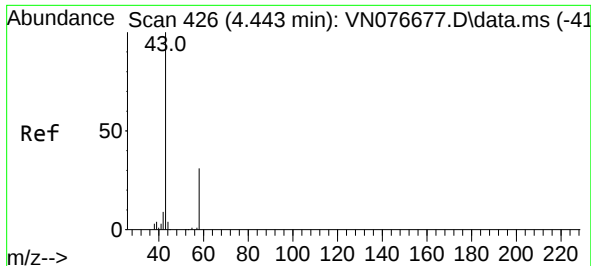
Tgt Ion:128 Resp: 21913
Ion Ratio Lower Upper
128 100
49 192.3 0.0 461.8
130 119.3 0.0 295.3



#8
Diethyl Ether
Concen: 48.323 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN076740.D
Acq: 17 Feb 2023 17:40

Tgt Ion: 74 Resp: 72640
Ion Ratio Lower Upper
74 100
45 102.2 21.4 193.0

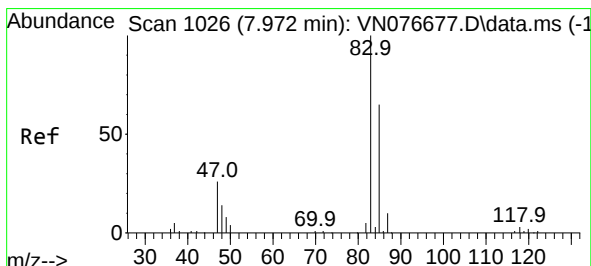
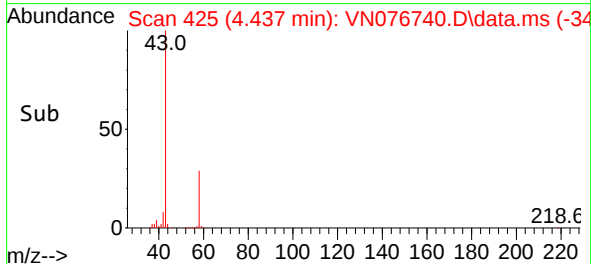
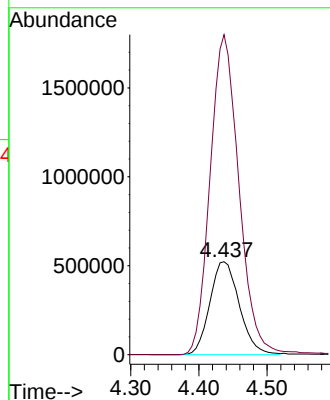
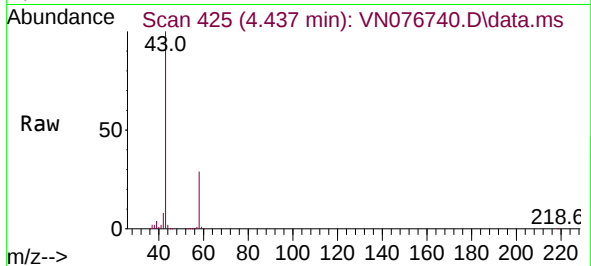




#15
Acetone
Concen: 3576.118 ug/l
RT: 4.437 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN076740.D
Acq: 17 Feb 2023 17:40

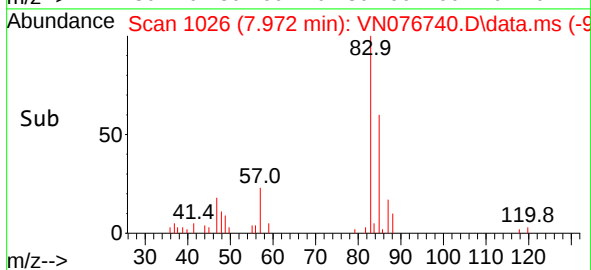
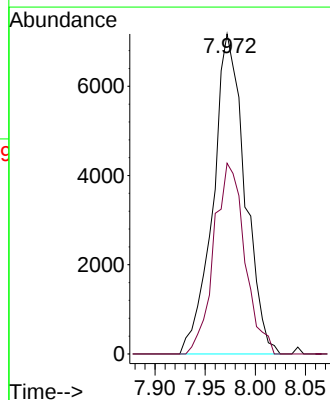
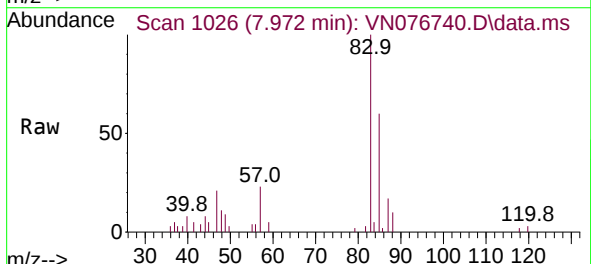
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

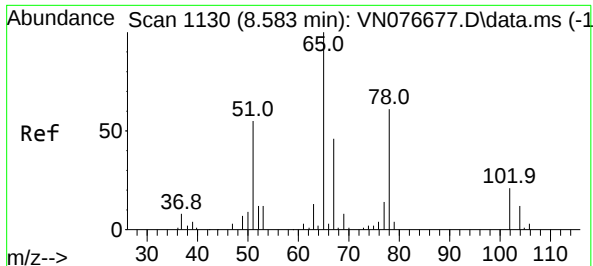
Tgt Ion: 58 Resp: 1575337
Ion Ratio Lower Upper
58 100
43 343.9 255.4 383.0



#25
Chloroform
Concen: 3.384 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN076740.D
Acq: 17 Feb 2023 17:40

Tgt Ion: 83 Resp: 15887
Ion Ratio Lower Upper
83 100
85 59.1 51.8 77.6

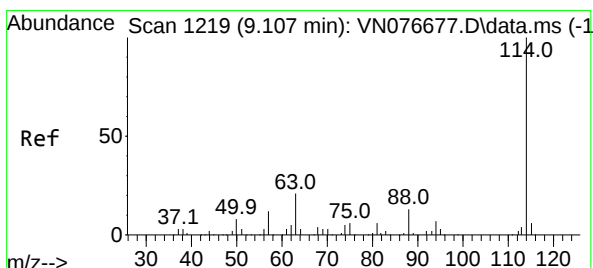
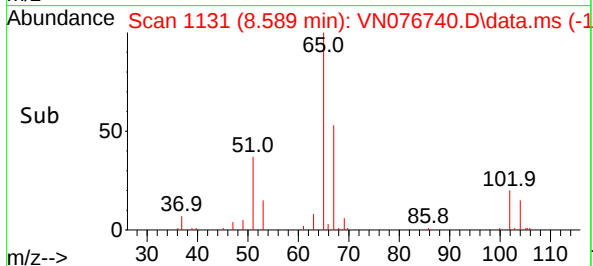
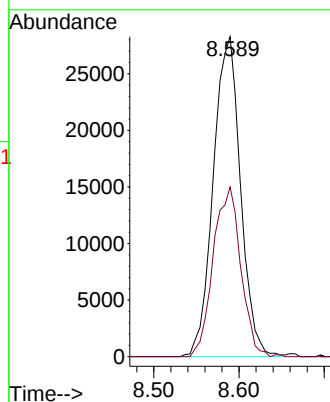
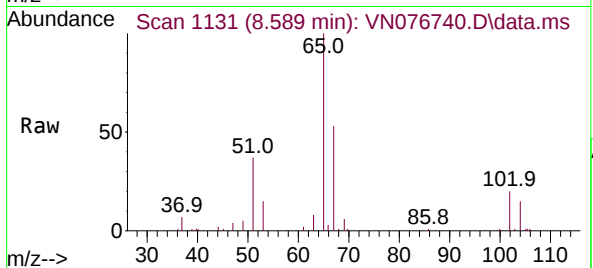




#27
1,2-Dichloroethane-d4
Concen: 31.305 ug/l
RT: 8.589 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN076740.D
Acq: 17 Feb 2023 17:40

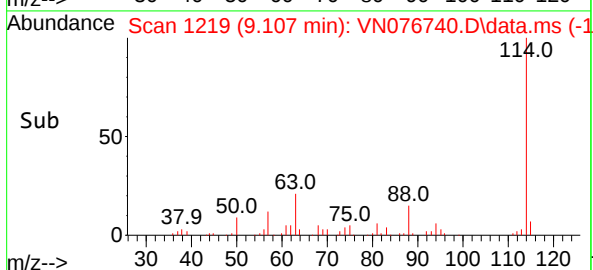
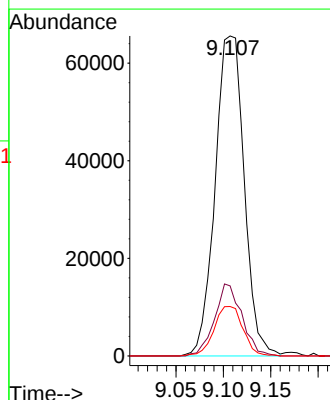
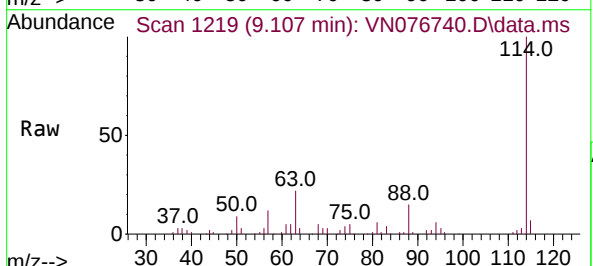
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

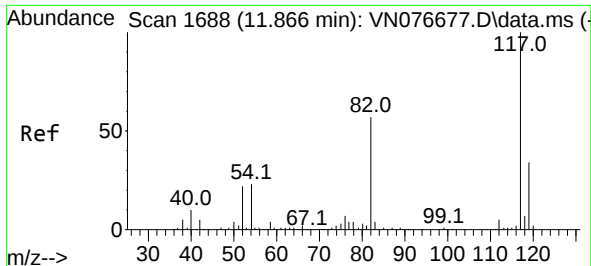
Tgt Ion: 65 Resp: 62742
Ion Ratio Lower Upper
65 100
67 53.4 40.9 61.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN076740.D
Acq: 17 Feb 2023 17:40

Tgt Ion: 114 Resp: 140082
Ion Ratio Lower Upper
114 100
63 21.2 17.0 25.4
88 15.4 11.6 17.4

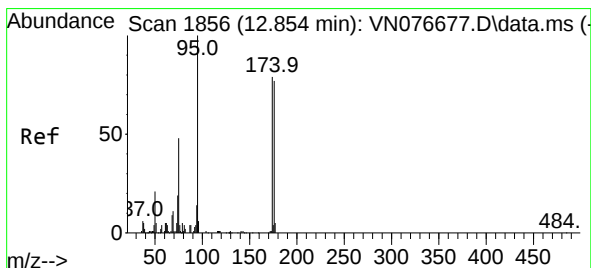
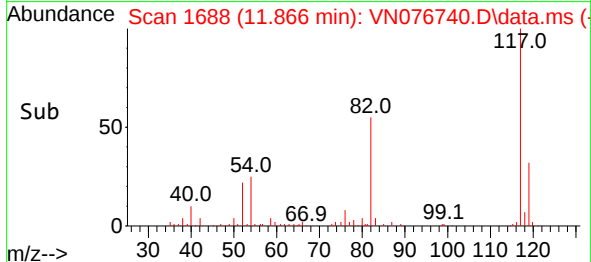
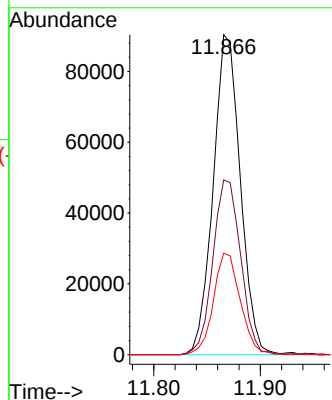
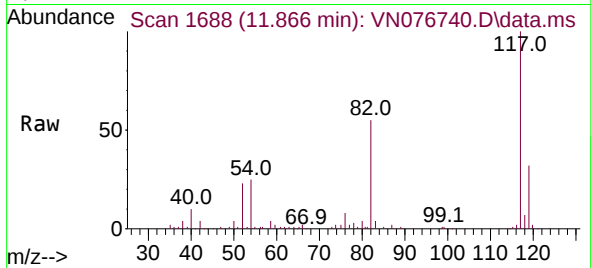




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN076740.D
Acq: 17 Feb 2023 17:40

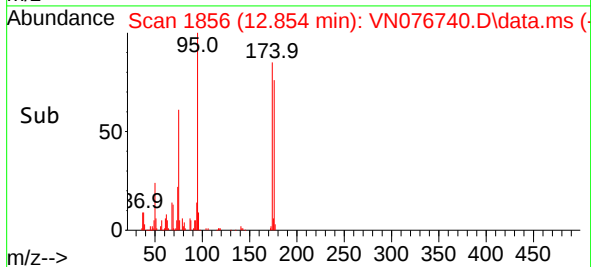
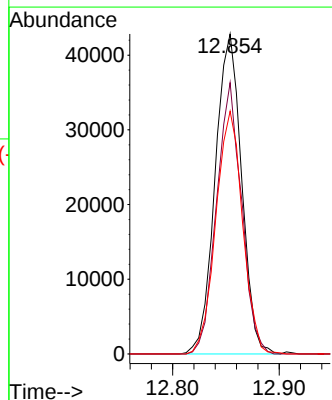
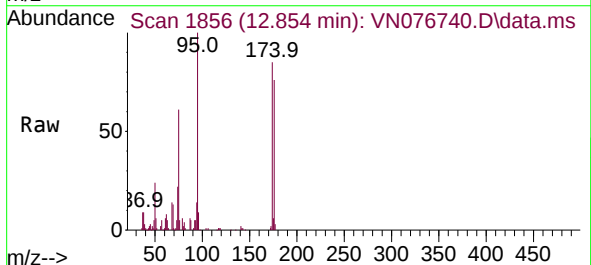
Instrument :
MSVOA_N
ClientSampleId :
EFF-WW

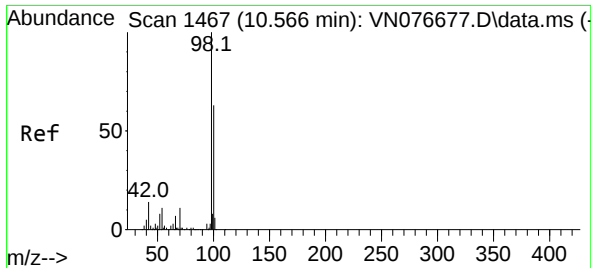
Tgt Ion:117 Resp: 160168
Ion Ratio Lower Upper
117 100
82 55.7 45.4 68.0
119 31.3 26.8 40.2



#60
4-Bromofluorobenzene
Concen: 25.980 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.000 min
Lab File: VN076740.D
Acq: 17 Feb 2023 17:40

Tgt Ion: 95 Resp: 73601
Ion Ratio Lower Upper
95 100
174 80.4 64.2 96.4
176 76.7 61.4 92.0





#63

Toluene-d8

Concen: 28.115 ug/l

RT: 10.572 min Scan# 14

Delta R.T. 0.006 min

Lab File: VN076740.D

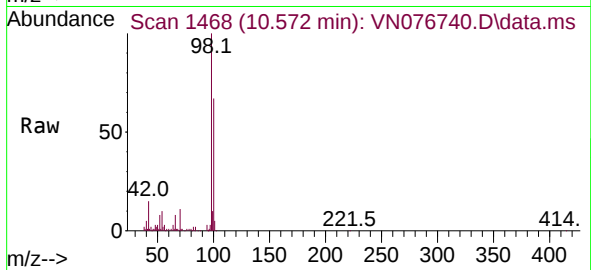
Acq: 17 Feb 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

EFF-WW



Tgt Ion: 98 Resp: 157728

Ion Ratio Lower Upper

98 100

100 65.9 53.8 80.6

