

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041822\
 Data File : VN072034.D
 Acq On : 18 Apr 2022 14:42
 Operator : JC\MD
 Sample : N2441-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-041-IDWGW-20220413

Quant Time: Apr 18 15:26:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 2022
 Response via : Initial Calibration

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

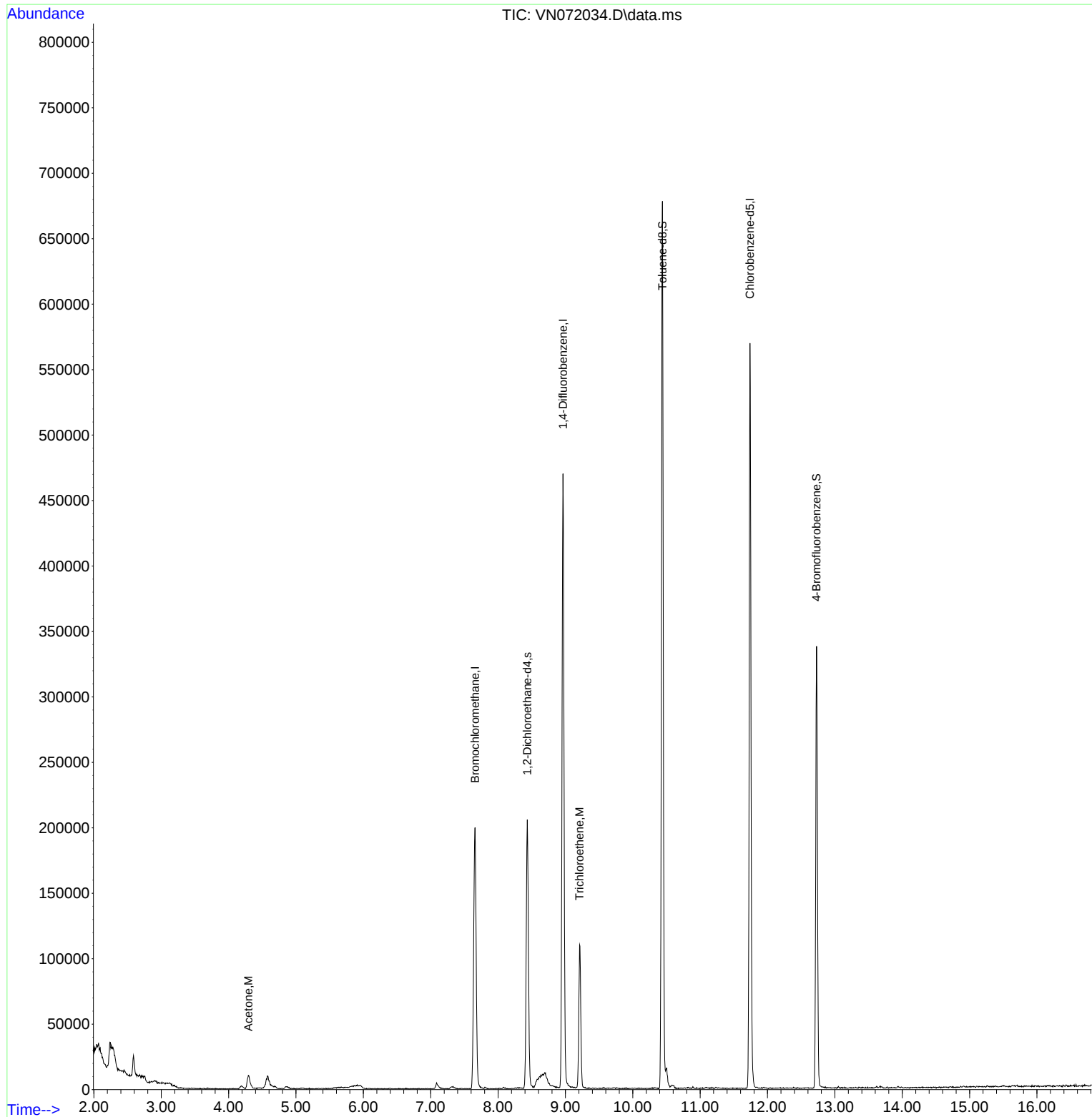
Internal Standards						
1) Bromochloromethane	7.657	128	84201	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	437146	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	368468	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	166321	28.036	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	93.467%
60) 4-Bromofluorobenzene	12.727	95	125845	23.034	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	76.767%
63) Toluene-d8	10.439	98	507140	30.320	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.067%
Target Compounds						
15) Acetone	4.293	58	6598	7.363	ug/l	# 47
37) Trichloroethene	9.210	130	43077	7.594	ug/l	98

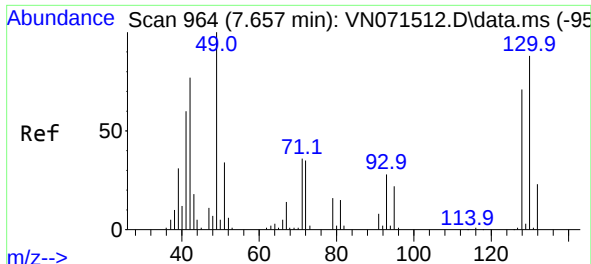
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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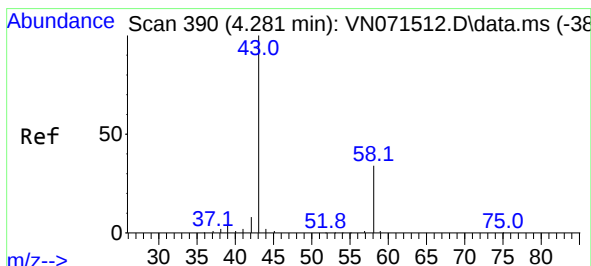
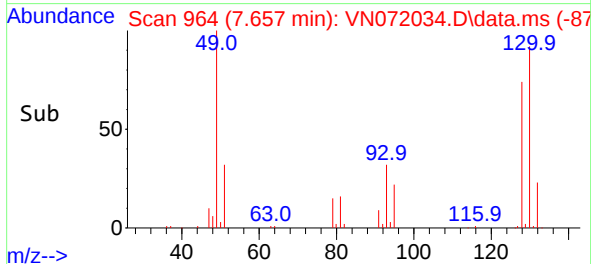
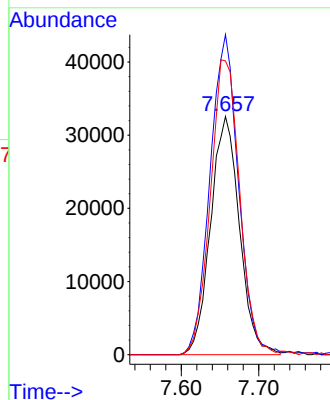
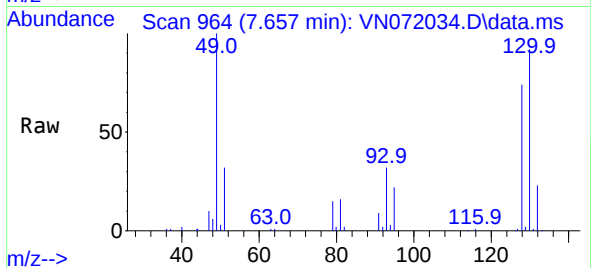




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072034.D
Acq: 18 Apr 2022 14:42

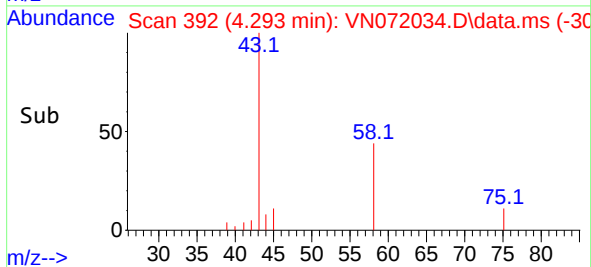
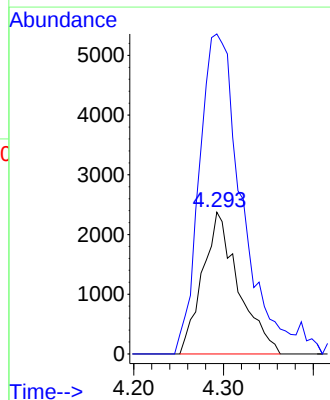
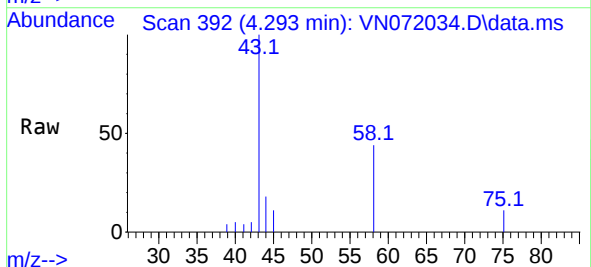
Instrument :
MSVOA_N
ClientSampleId :
TT-041-IDWGW-20220413

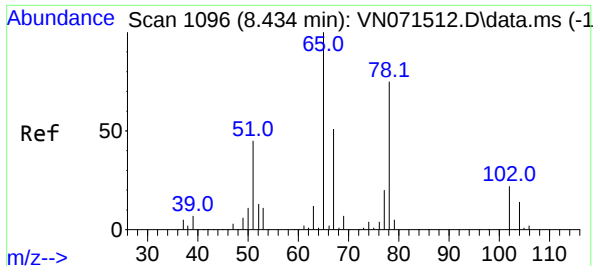
Tgt Ion:128 Resp: 84201
Ion Ratio Lower Upper
128 100
49 132.8 0.0 392.3
130 126.0 0.0 320.2



#15
Acetone
Concen: 7.363 ug/l
RT: 4.293 min Scan# 392
Delta R.T. 0.012 min
Lab File: VN072034.D
Acq: 18 Apr 2022 14:42

Tgt Ion: 58 Resp: 6598
Ion Ratio Lower Upper
58 100
43 211.8 256.6 384.8#





#27

1,2-Dichloroethane-d4

Concen: 28.036 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072034.D

Acq: 18 Apr 2022 14:42

Instrument :

MSVOA_N

ClientSampleId :

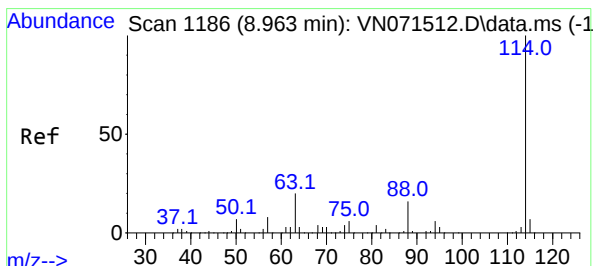
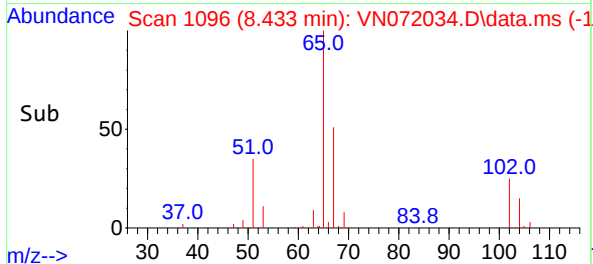
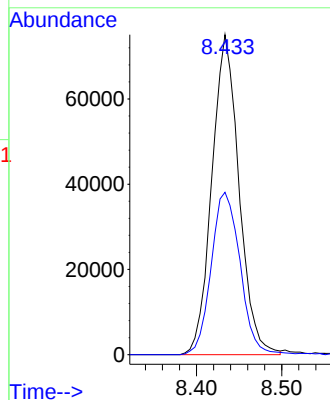
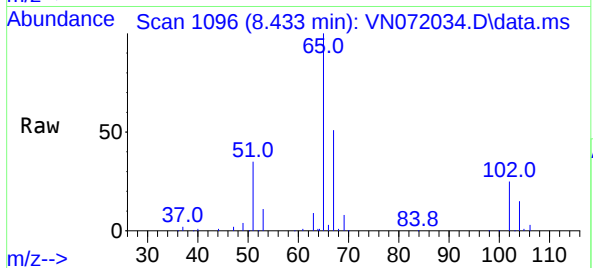
TT-041-IDWGW-20220413

Tgt Ion: 65 Resp: 166321

Ion Ratio Lower Upper

65 100

67 54.1 40.2 60.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072034.D

Acq: 18 Apr 2022 14:42

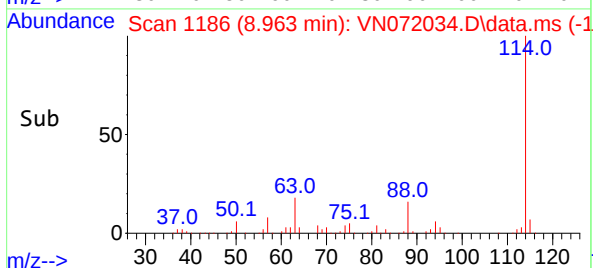
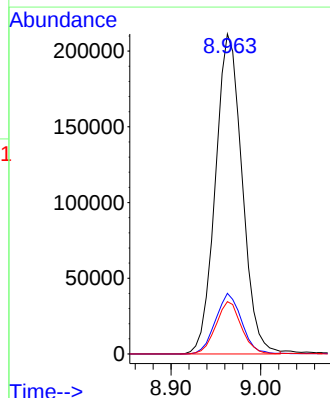
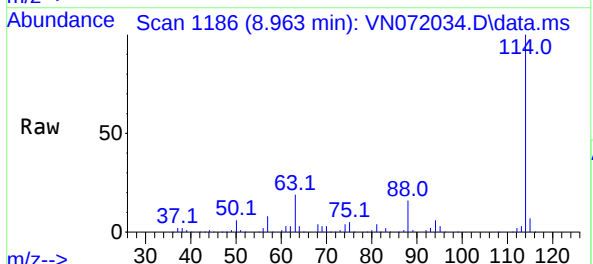
Tgt Ion: 114 Resp: 437146

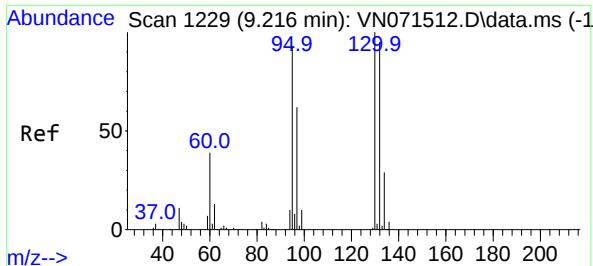
Ion Ratio Lower Upper

114 100

63 18.5 15.8 23.6

88 15.5 11.6 17.4





#37

Trichloroethene

Concen: 7.594 ug/l

RT: 9.210 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN072034.D

Acq: 18 Apr 2022 14:42

Instrument :

MSVOA_N

ClientSampleId :

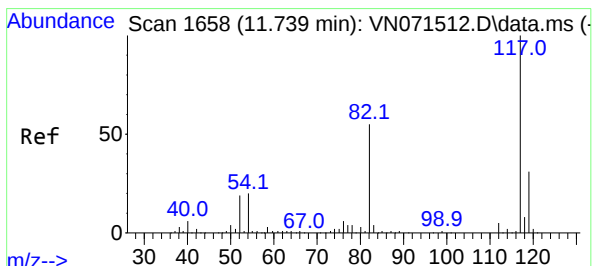
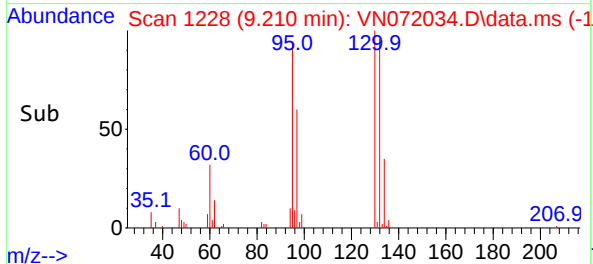
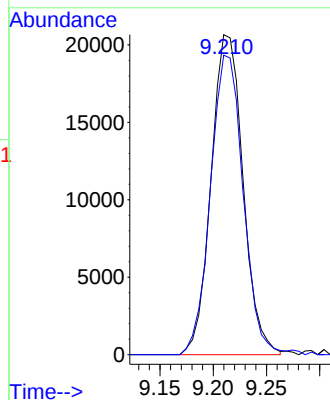
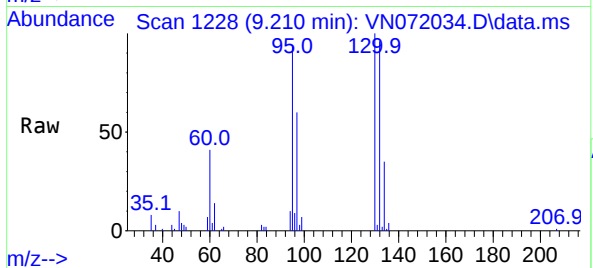
TT-041-IDWGW-20220413

Tgt Ion:130 Resp: 43077

Ion Ratio Lower Upper

130 100

95 93.6 76.6 115.0



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.739 min Scan# 1658

Delta R.T. -0.000 min

Lab File: VN072034.D

Acq: 18 Apr 2022 14:42

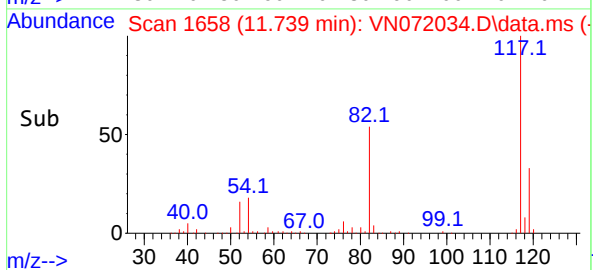
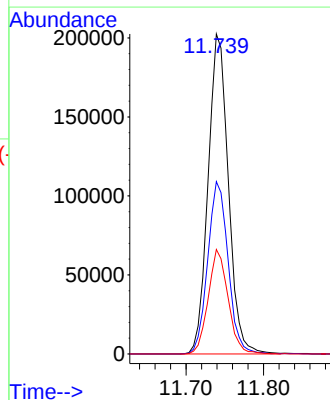
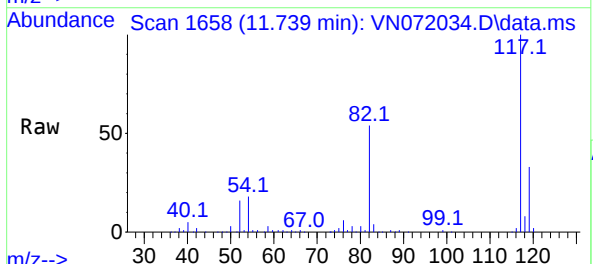
Tgt Ion:117 Resp: 368468

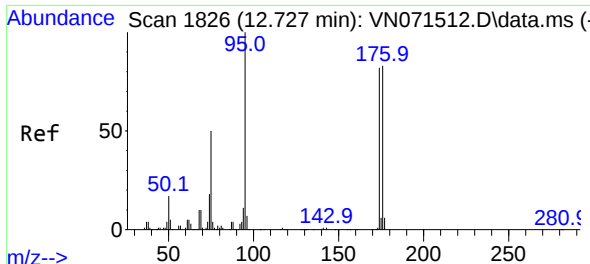
Ion Ratio Lower Upper

117 100

82 54.1 43.6 65.4

119 32.0 25.8 38.6

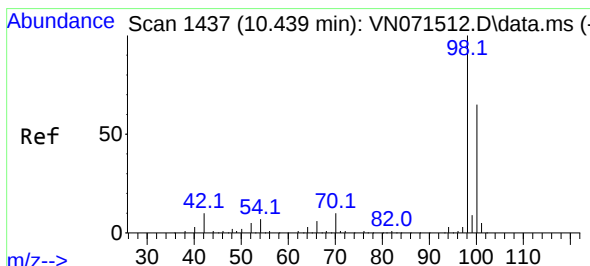
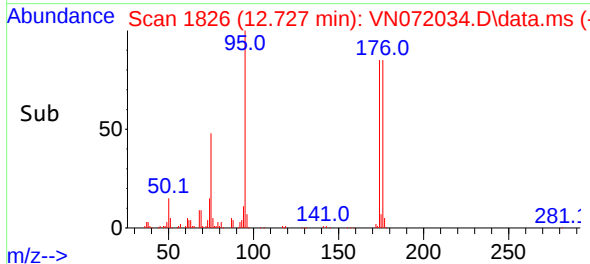
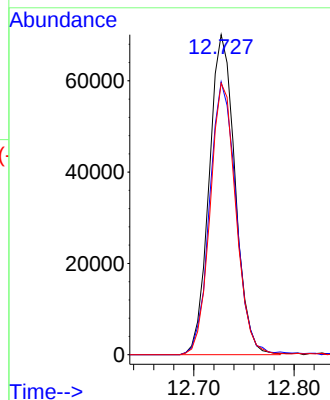
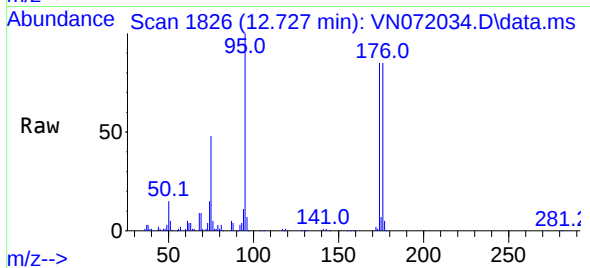




#60
4-Bromofluorobenzene
Concen: 23.034 ug/l
RT: 12.727 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072034.D
Acq: 18 Apr 2022 14:42

Instrument :
MSVOA_N
ClientSampleId :
TT-041-IDWGW-20220413

Tgt Ion: 95 Resp: 125845
Ion Ratio Lower Upper
95 100
174 86.7 62.9 94.3
176 84.2 61.0 91.4



#63
Toluene-d8
Concen: 30.320 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN072034.D
Acq: 18 Apr 2022 14:42

Tgt Ion: 98 Resp: 507140
Ion Ratio Lower Upper
98 100
100 63.1 50.6 76.0

