

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061122\
 Data File : VN072788.D
 Acq On : 11 Jun 2022 14:29
 Operator : JC\MD
 Sample : N3322-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(JUNE)

Quant Time: Jun 13 01:19:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

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

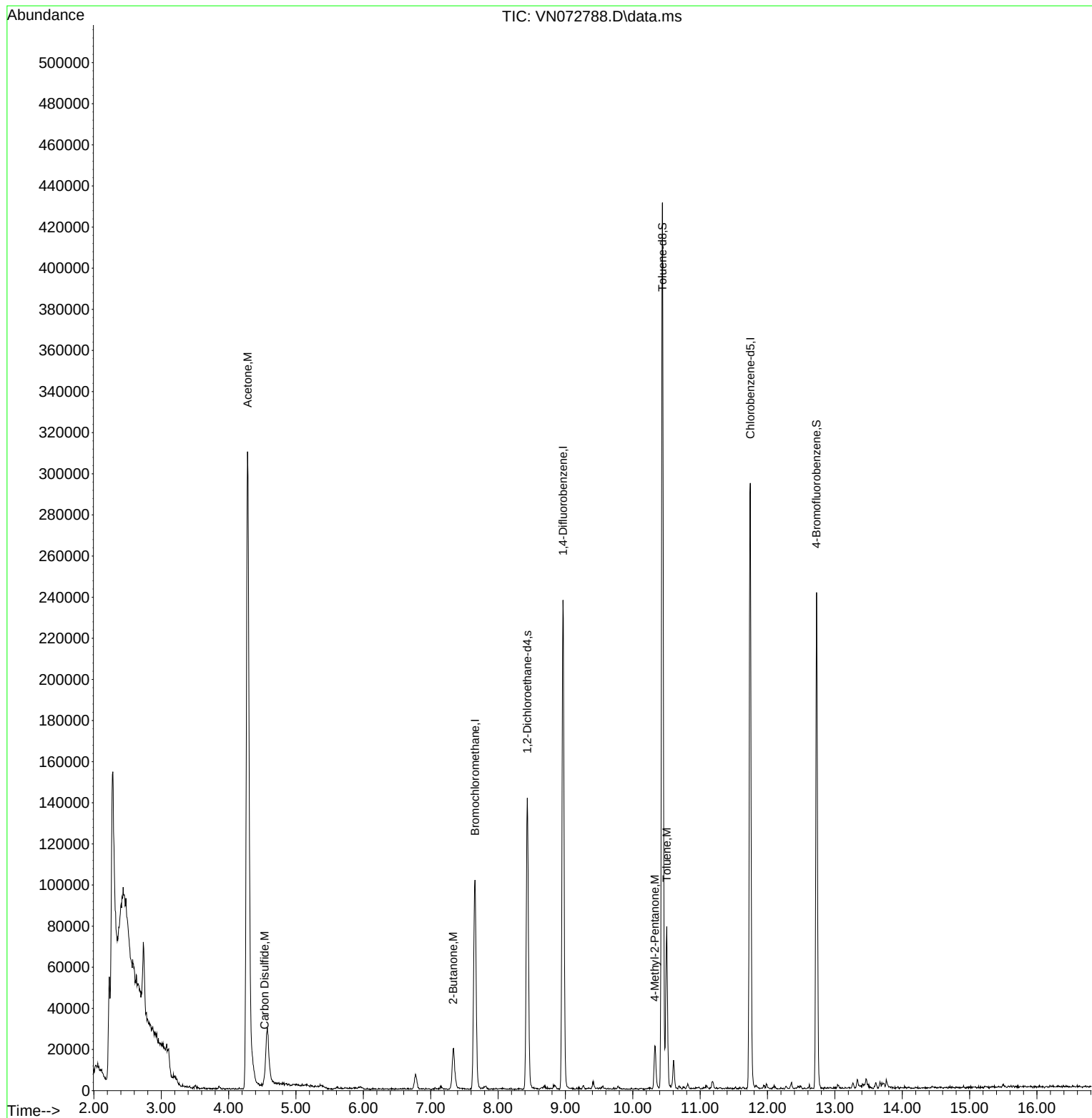
Internal Standards						
1) Bromochloromethane	7.657	128	32098	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	193431	30.000	ug/l #	0.00
57) Chlorobenzene-d5	11.745	117	156881	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	116377	31.791	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	105.967%
60) 4-Bromofluorobenzene	12.727	95	81659	25.307	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	84.367%
63) Toluene-d8	10.439	98	282674	32.527	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	108.433%
Target Compounds						
					Qvalue	
15) Acetone	4.281	58	164953	341.591	ug/l	85
16) Carbon Disulfide	4.534	76	7187	1.344	ug/l #	90
30) 2-Butanone	7.334	43	34253	12.836	ug/l #	89
58) 4-Methyl-2-Pentanone	10.328	43	15566	3.308	ug/l	98
62) Toluene	10.504	91	52025	4.891	ug/l	99

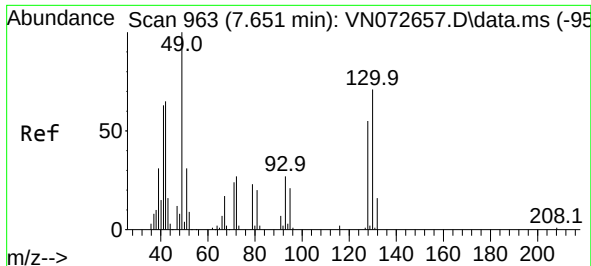
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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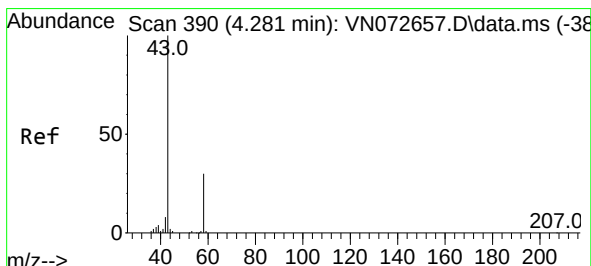
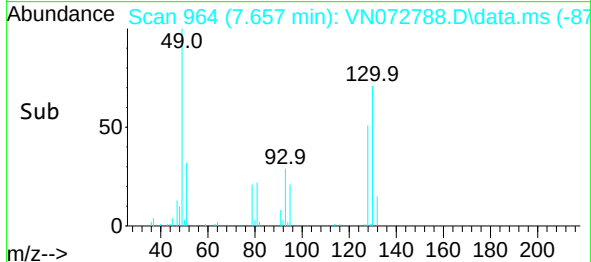
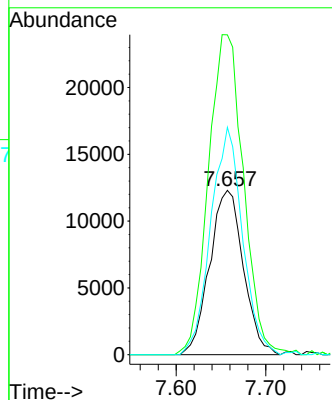
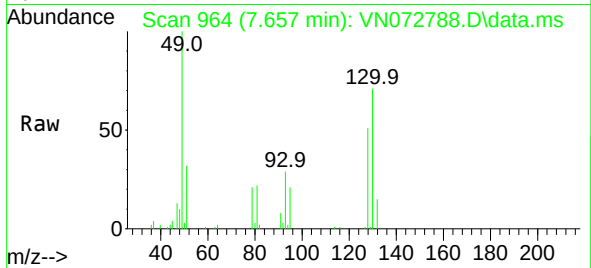




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN072788.D
Acq: 11 Jun 2022 14:29

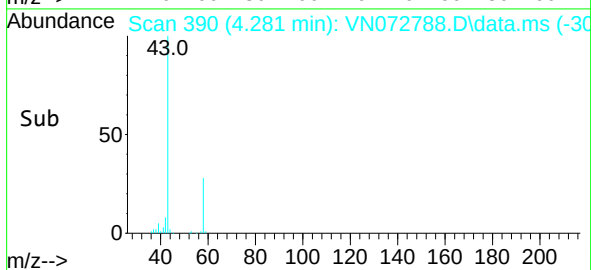
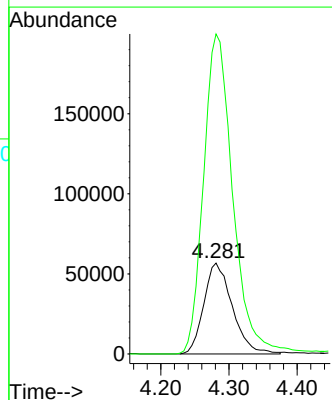
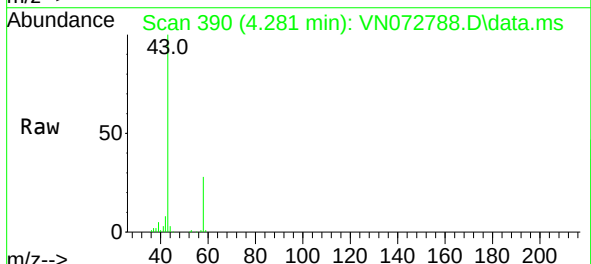
Instrument :
MSVOA_N
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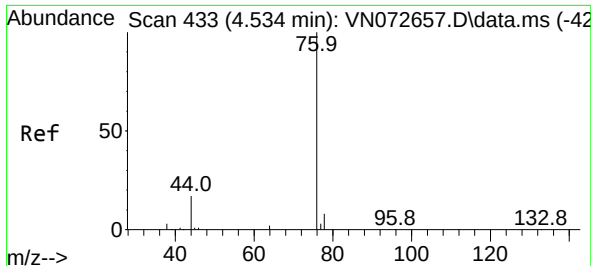
Tgt Ion:128 Resp: 32098
Ion Ratio Lower Upper
128 100
49 202.1 0.0 392.3
130 130.1 0.0 320.2



#15
Acetone
Concen: 341.591 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN072788.D
Acq: 11 Jun 2022 14:29

Tgt Ion: 58 Resp: 164953
Ion Ratio Lower Upper
58 100
43 351.2 256.6 384.8

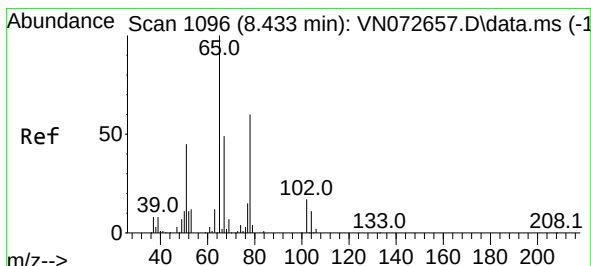
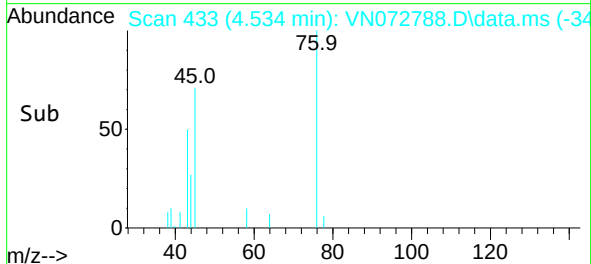
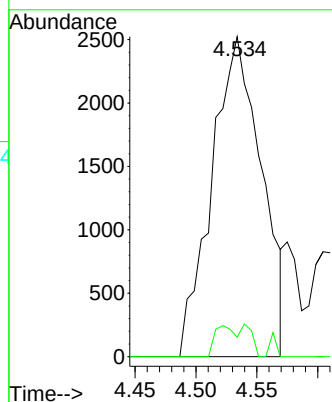
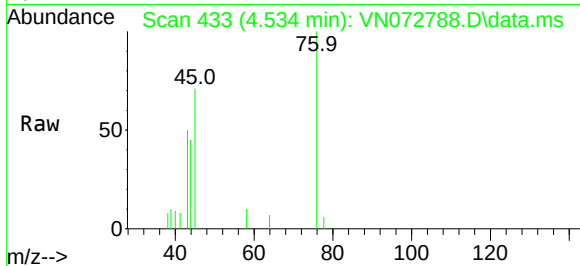




#16
Carbon Disulfide
Concen: 1.344 ug/l
RT: 4.534 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN072788.D
Acq: 11 Jun 2022 14:29

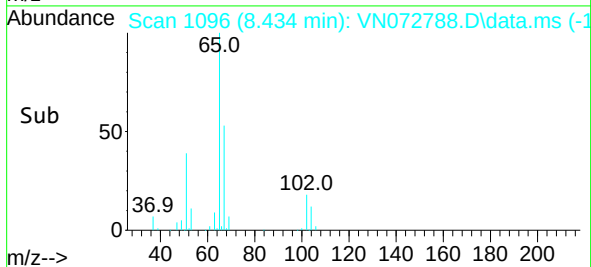
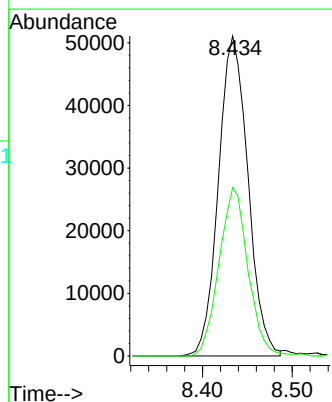
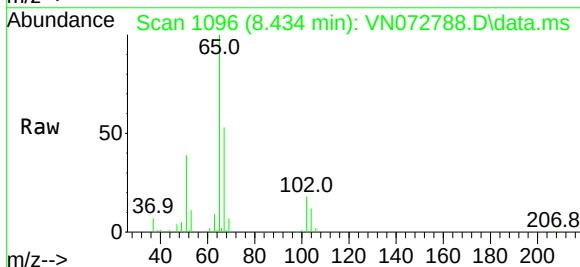
Instrument :
MSVOA_N
ClientSampleId :
002-35TH-AVE(JUNE)

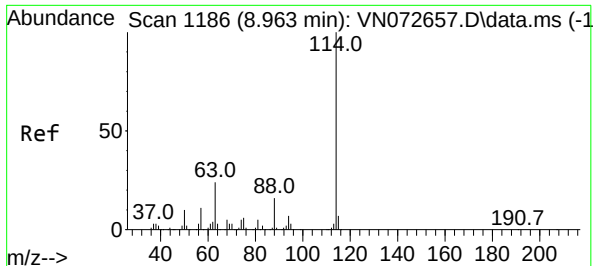
Tgt Ion: 76 Resp: 7187
Ion Ratio Lower Upper
76 100
78 6.1 7.8 11.8#



#27
1,2-Dichloroethane-d4
Concen: 31.791 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072788.D
Acq: 11 Jun 2022 14:29

Tgt Ion: 65 Resp: 116377
Ion Ratio Lower Upper
65 100
67 51.7 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: VN072788.D

Acq: 11 Jun 2022 14:29

Instrument :

MSVOA_N

ClientSampleId :

002-35TH-AVE(JUNE)

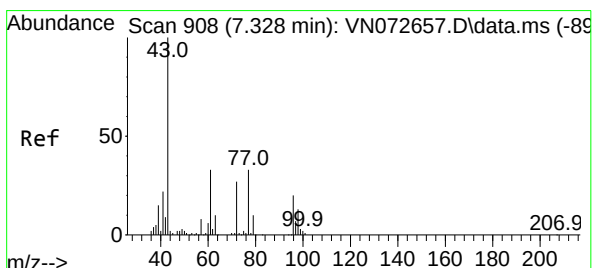
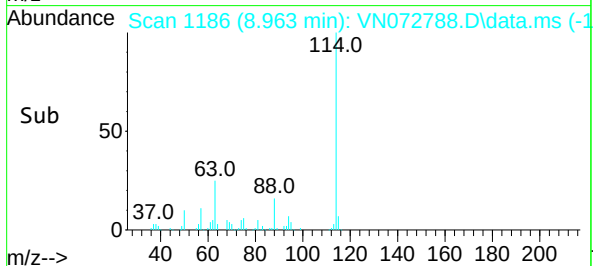
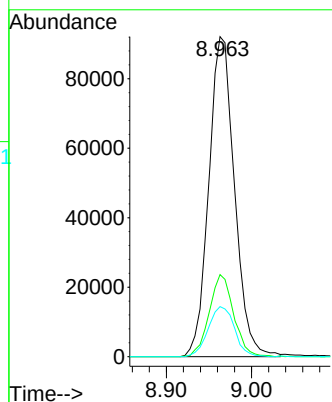
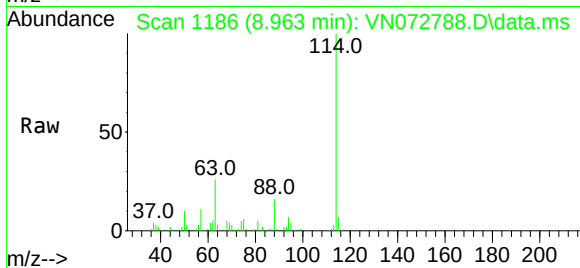
Tgt Ion:114 Resp: 193431

Ion Ratio Lower Upper

114 100

63 24.4 15.8 23.6#

88 16.0 11.6 17.4



#30

2-Butanone

Concen: 12.836 ug/l

RT: 7.334 min Scan# 909

Delta R.T. 0.006 min

Lab File: VN072788.D

Acq: 11 Jun 2022 14:29

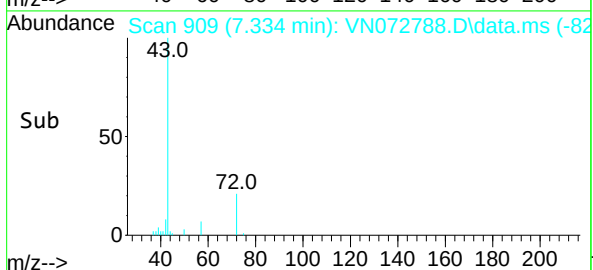
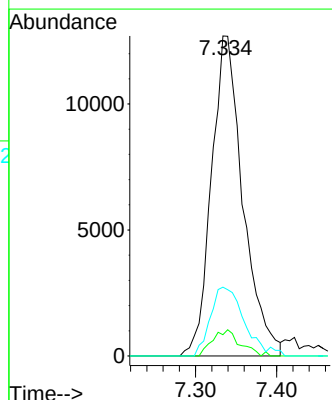
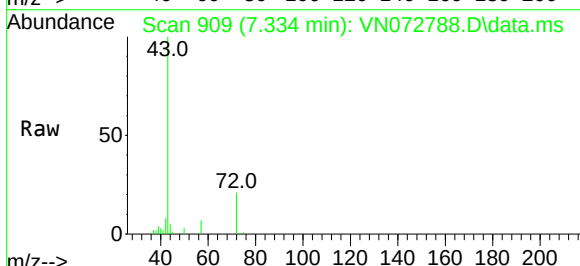
Tgt Ion: 43 Resp: 34253

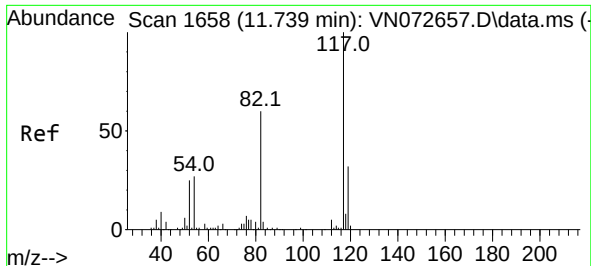
Ion Ratio Lower Upper

43 100

57 7.0 6.7 10.1

72 22.3 23.2 34.8#

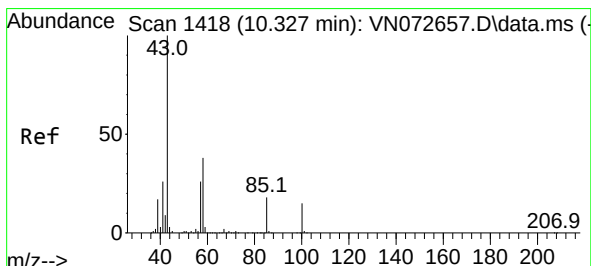
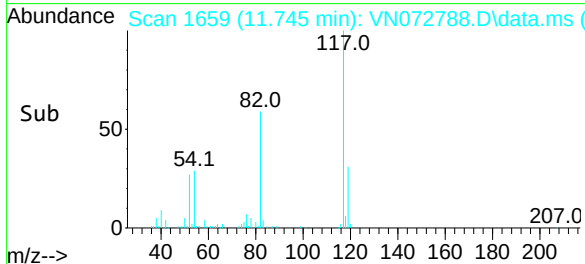
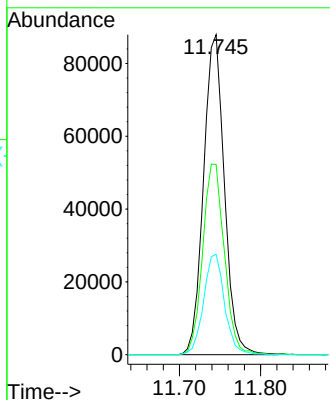
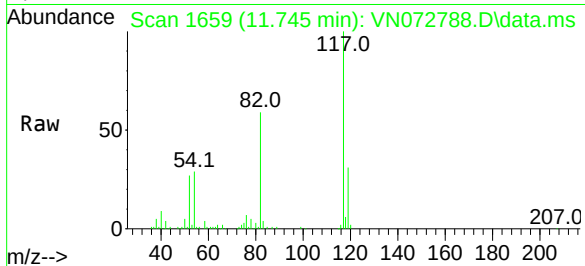




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN072788.D
Acq: 11 Jun 2022 14:29

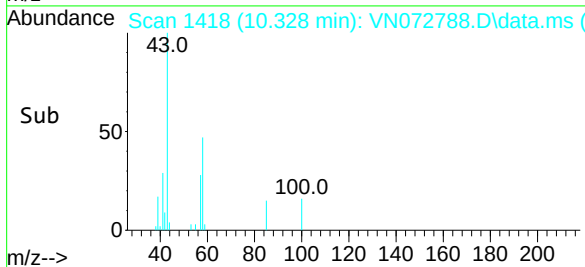
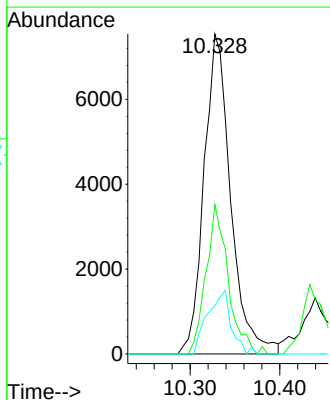
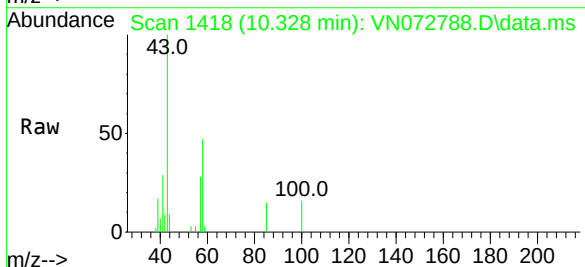
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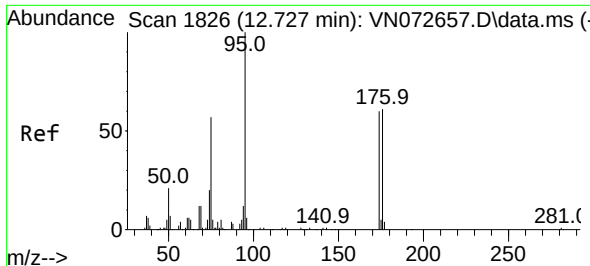
Tgt Ion:117 Resp: 156881
Ion Ratio Lower Upper
117 100
82 61.8 43.6 65.4
119 31.4 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 3.308 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072788.D
Acq: 11 Jun 2022 14:29

Tgt Ion: 43 Resp: 15566
Ion Ratio Lower Upper
43 100
58 38.6 30.0 45.0
85 17.2 15.0 22.6

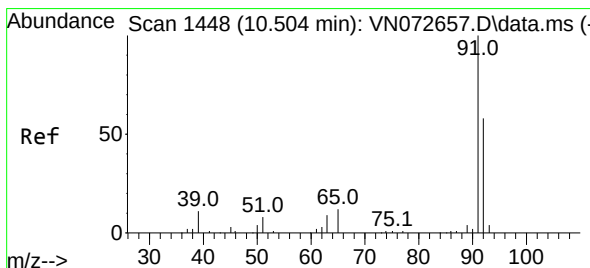
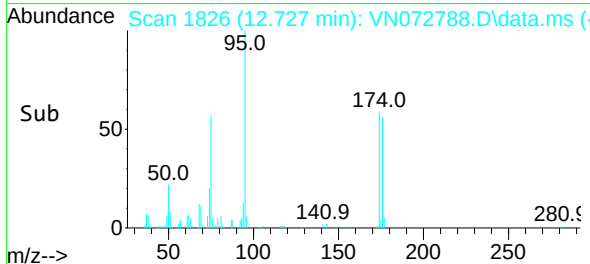
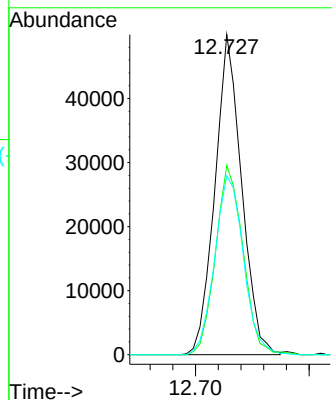
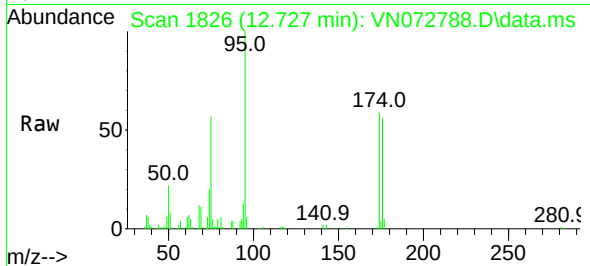




#60
4-Bromofluorobenzene
Concen: 25.307 ug/l
RT: 12.727 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072788.D
Acq: 11 Jun 2022 14:29

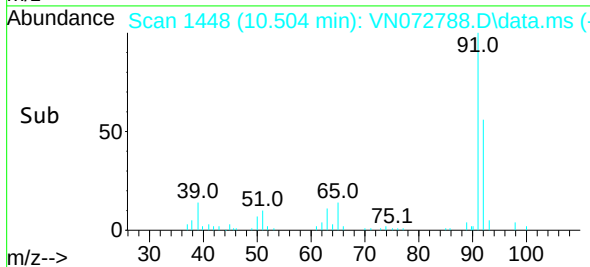
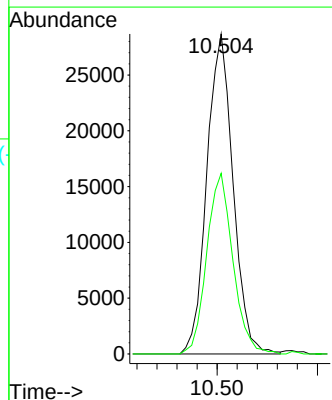
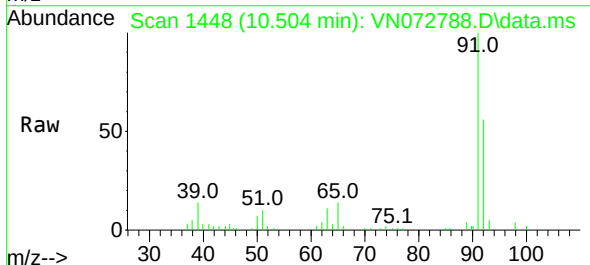
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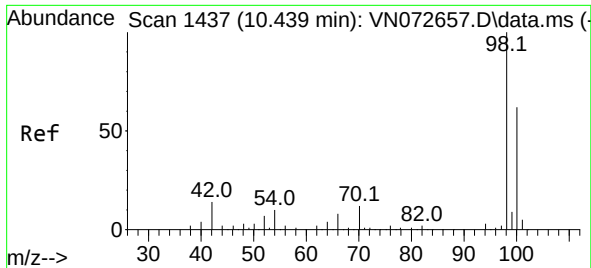
Tgt Ion: 95 Resp: 81659
Ion Ratio Lower Upper
95 100
174 60.4 62.9 94.3#
176 60.2 61.0 91.4#



#62
Toluene
Concen: 4.891 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072788.D
Acq: 11 Jun 2022 14:29

Tgt Ion: 91 Resp: 52025
Ion Ratio Lower Upper
91 100
92 56.3 44.6 67.0





#63

Toluene-d8

Concen: 32.527 ug/l

RT: 10.439 min Scan# 14

Delta R.T. 0.000 min

Lab File: VN072788.D

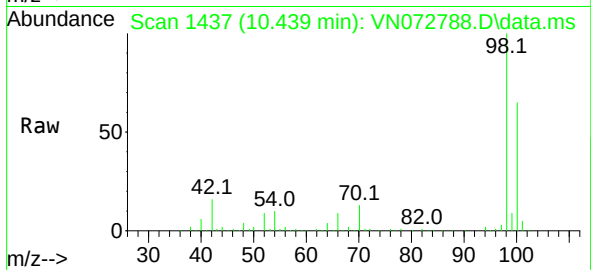
Acq: 11 Jun 2022 14:29

Instrument :

MSVOA_N

ClientSampleId :

002-35TH-AVE(JUNE)



Tgt Ion: 98 Resp: 282674

Ion Ratio Lower Upper

98 100

100 64.2 50.6 76.0

