

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051622\
 Data File : VN072520.D
 Acq On : 16 May 2022 22:58
 Operator : JC\MD
 Sample : N2852-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CBH-594

Quant Time: May 17 07:22:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 17 06:34:50 2022
 Response via : Initial Calibration

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

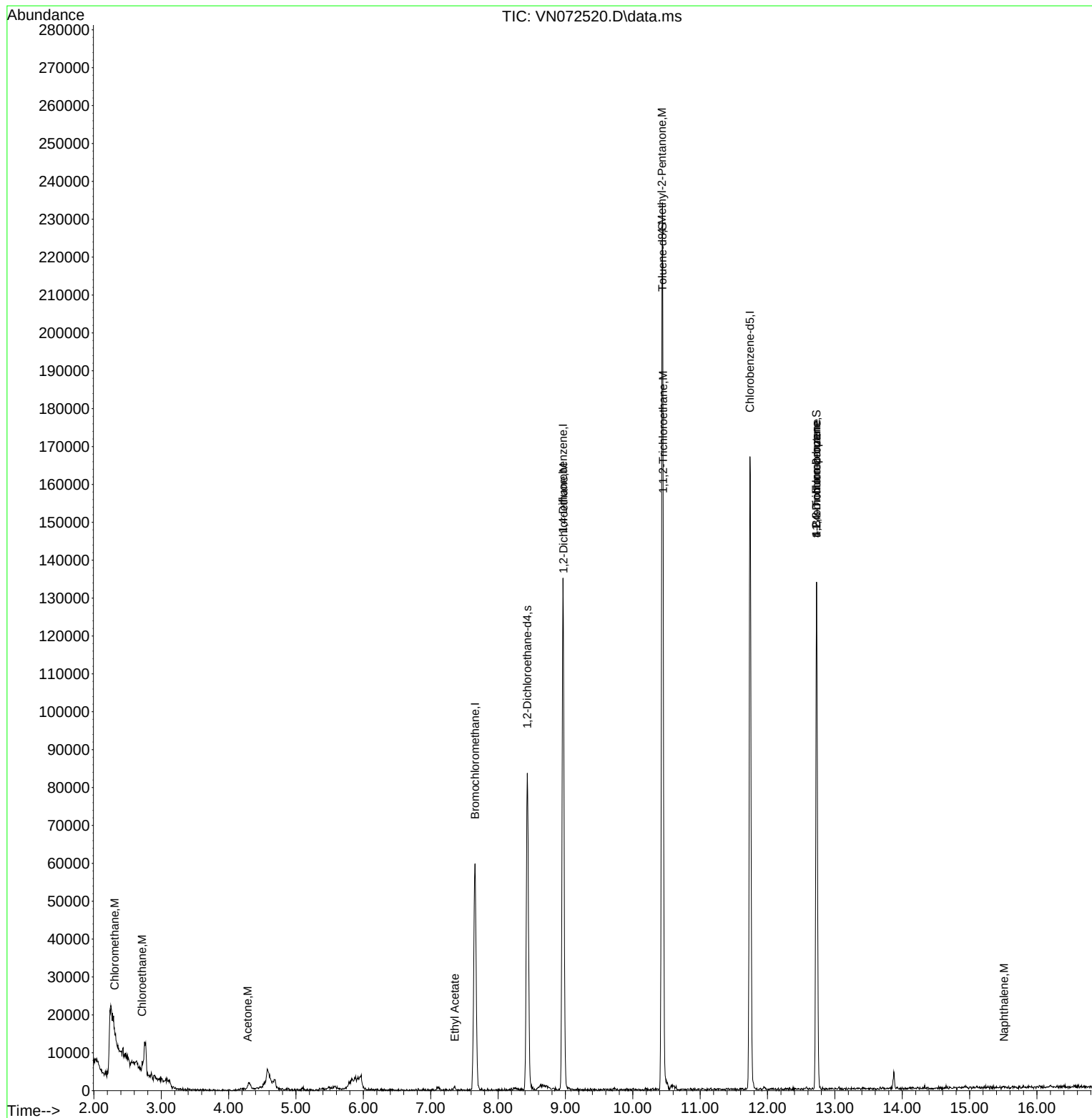
Internal Standards						
1) Bromochloromethane	7.657	128	21720	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	110716	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	95657	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	78196	31.995	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	106.633%
60) 4-Bromofluorobenzene	12.727	95	43891	23.499	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	78.333%
63) Toluene-d8	10.439	98	157168	30.099	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.333%
Target Compounds						
					Qvalue	
3) Chloromethane	2.310	50	930	0.571	ug/l #	40
6) Chloroethane	2.716	64	899	1.001	ug/l	100
15) Acetone	4.281	58	98	0.397	ug/l #	1
36) 1,2-Dichloroethane	8.969	62	4536	1.555	ug/l #	77
43) Ethyl Acetate	7.357	43	1127	0.452	ug/l #	67
50) 1,1,2-Trichloroethane	10.451	97	5936	3.532	ug/l #	1
58) 4-Methyl-2-Pentanone	10.433	43	563	0.250	ug/l #	1
72) 1,2,3-Trichloropropane	12.727	75	25087	12.117	ug/l #	1
77) t-1,4-Dichloro-2-butene	12.727	75	25087	36.673	ug/l #	8
91) Naphthalene	15.509	128	163	7.793	ug/l #	68

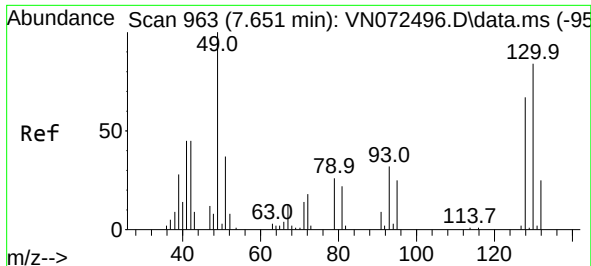
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051622\
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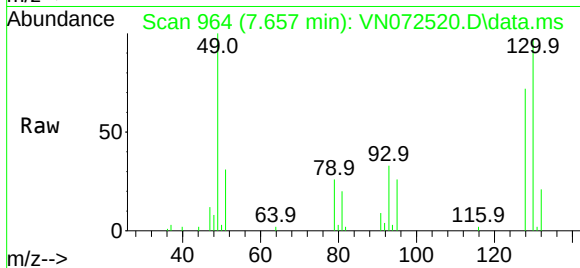
Quant Time: May 17 07:22:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue May 17 06:34:50 2022
Response via : Initial Calibration



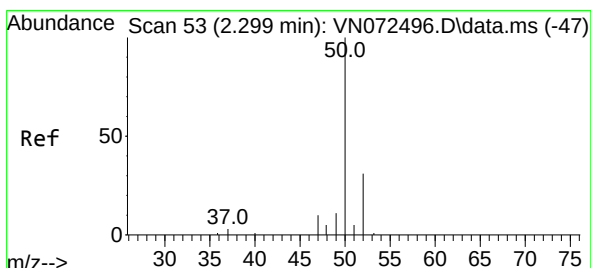
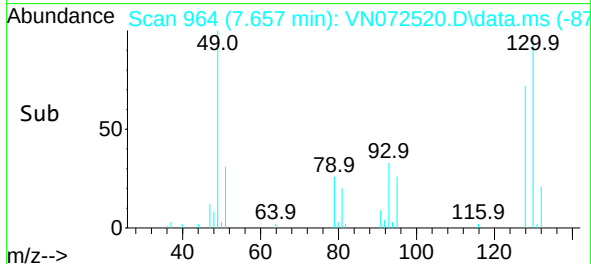
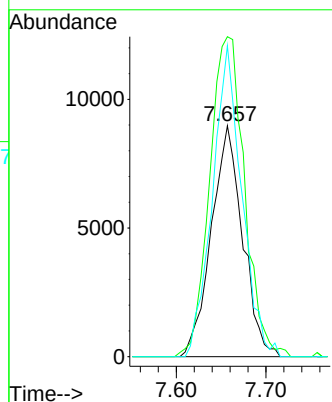


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN072520.D
Acq: 16 May 2022 22:58

Instrument :
MSVOA_N
ClientSampleId :
CBH-594

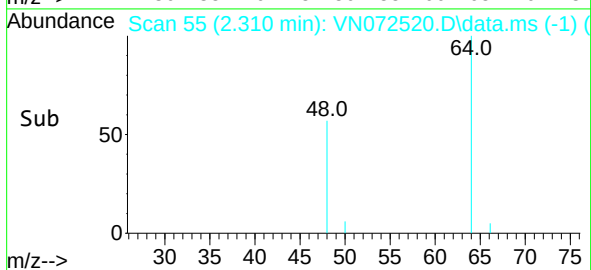
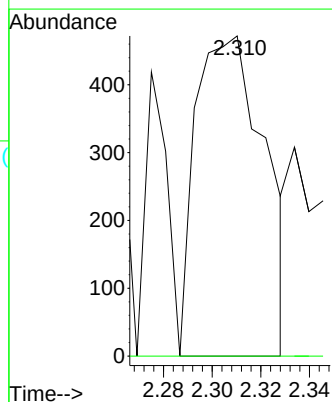
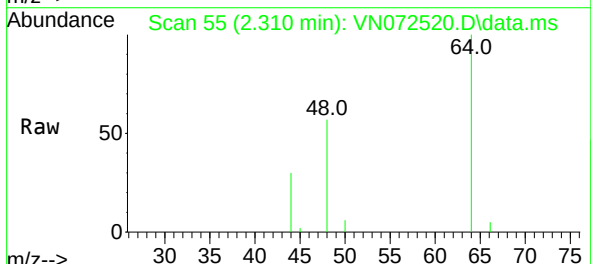


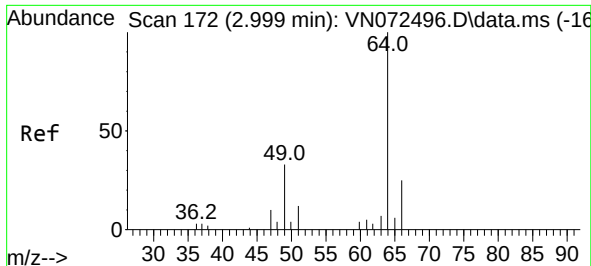
Tgt Ion:128 Resp: 21720
Ion Ratio Lower Upper
128 100
49 153.4 0.0 392.3
130 125.6 0.0 320.2



#3
Chloromethane
Concen: 0.571 ug/l
RT: 2.310 min Scan# 55
Delta R.T. 0.012 min
Lab File: VN072520.D
Acq: 16 May 2022 22:58

Tgt Ion: 50 Resp: 930
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.6#

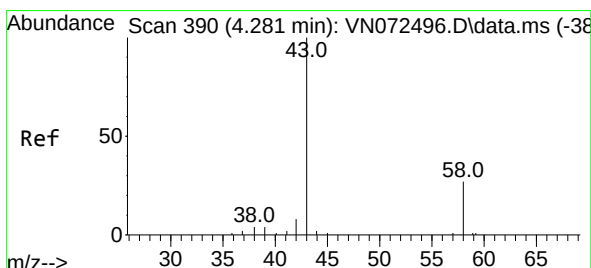
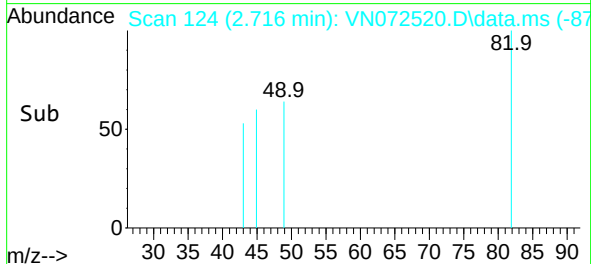
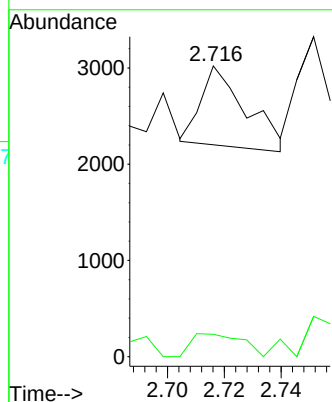
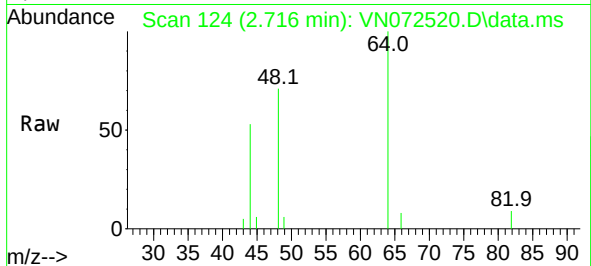




#6
Chloroethane
Concen: 1.001 ug/l
RT: 2.716 min Scan# 11
Delta R.T. -0.282 min
Lab File: VN072520.D
Acq: 16 May 2022 22:58

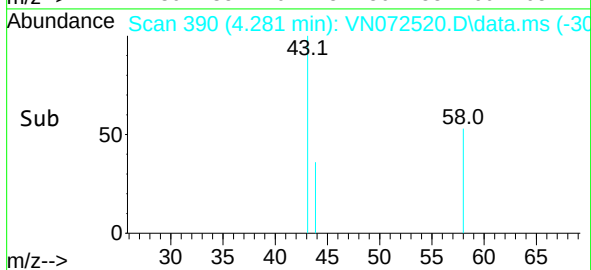
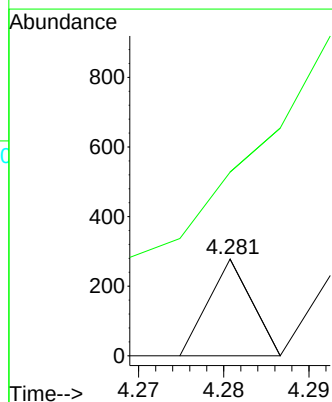
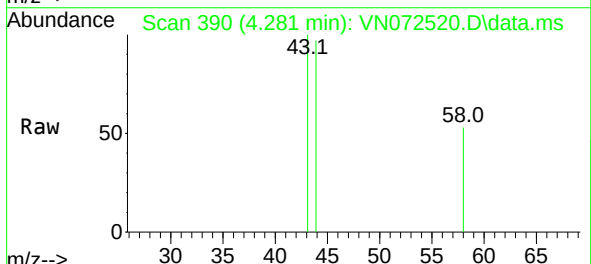
Instrument :
MSVOA_N
ClientSampleId :
CBH-594

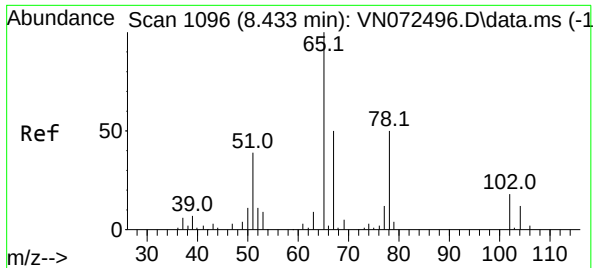
Tgt Ion: 64 Resp: 899
Ion Ratio Lower Upper
64 100
66 30.7 24.6 36.8



#15
Acetone
Concen: 0.397 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072520.D
Acq: 16 May 2022 22:58

Tgt Ion: 58 Resp: 98
Ion Ratio Lower Upper
58 100
43 68.7 256.6 384.8#





#27

1,2-Dichloroethane-d4

Concen: 31.995 ug/l

RT: 8.433 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VN072520.D

Acq: 16 May 2022 22:58

Instrument :

MSVOA_N

ClientSampleId :

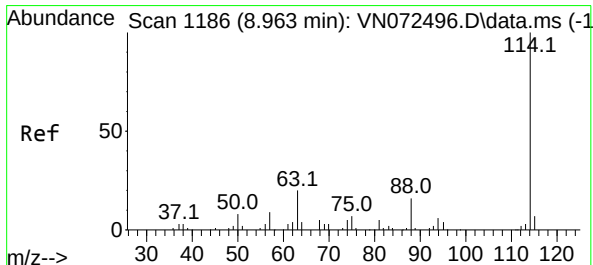
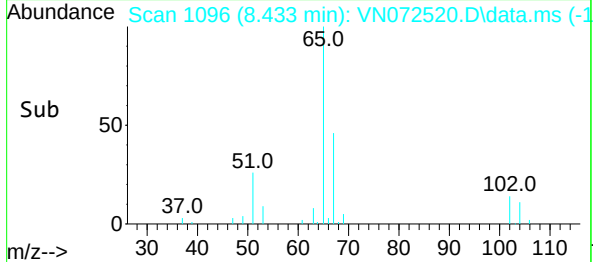
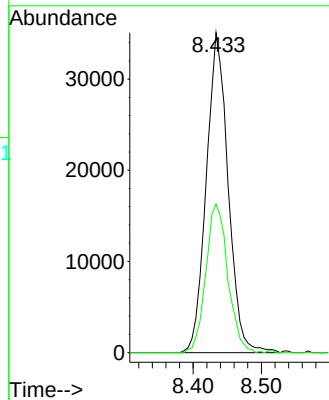
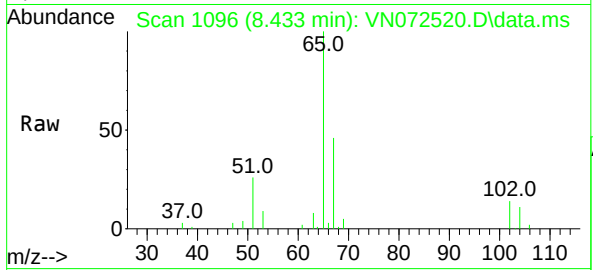
CBH-594

Tgt Ion: 65 Resp: 78196

Ion Ratio Lower Upper

65 100

67 46.7 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: VN072520.D

Acq: 16 May 2022 22:58

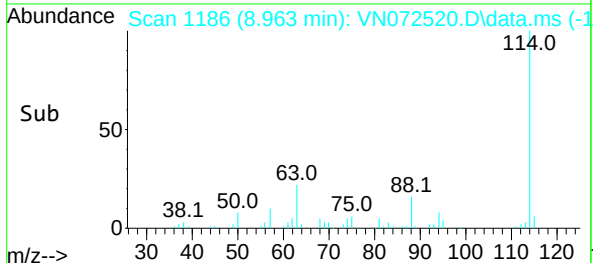
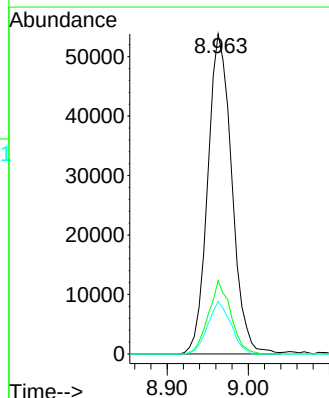
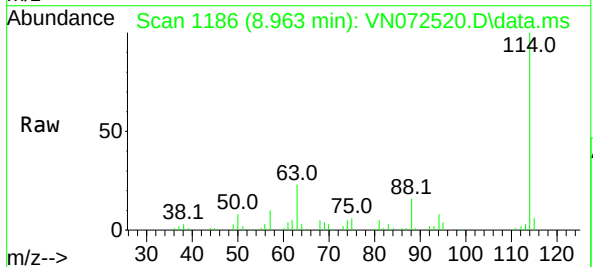
Tgt Ion: 114 Resp: 110716

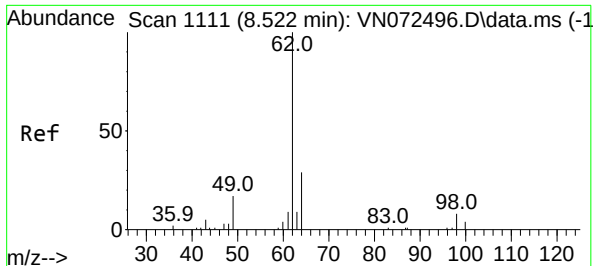
Ion Ratio Lower Upper

114 100

63 21.3 15.8 23.6

88 15.7 11.6 17.4





#36

1,2-Dichloroethane

Concen: 1.555 ug/l

RT: 8.969 min Scan# 1111

Delta R.T. 0.447 min

Lab File: VN072520.D

Acq: 16 May 2022 22:58

Instrument :

MSVOA_N

ClientSampleId :

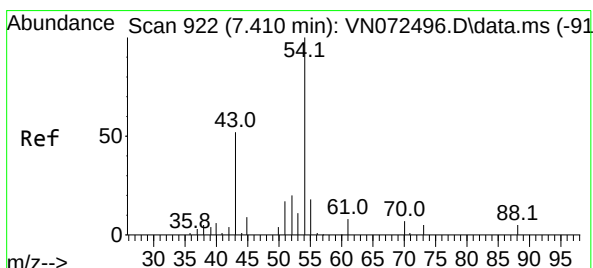
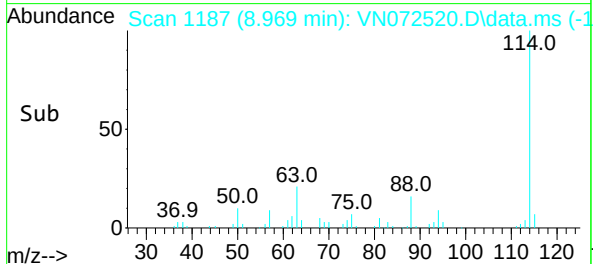
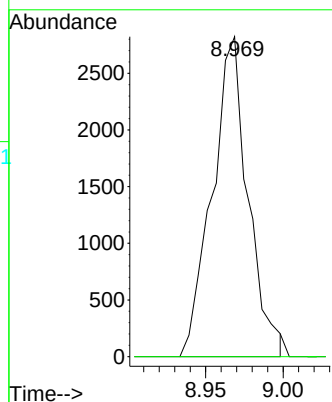
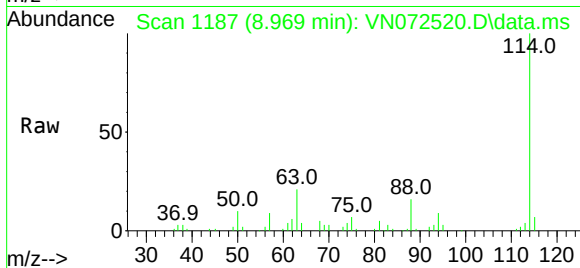
CBH-594

Tgt Ion: 62 Resp: 4536

Ion Ratio Lower Upper

62 100

98 0.0 6.6 10.0#



#43

Ethyl Acetate

Concen: 0.452 ug/l

RT: 7.357 min Scan# 913

Delta R.T. -0.053 min

Lab File: VN072520.D

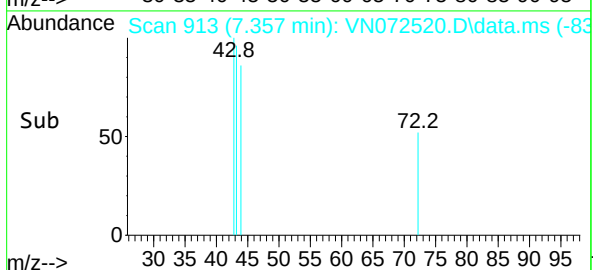
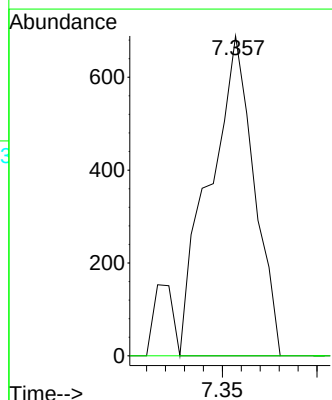
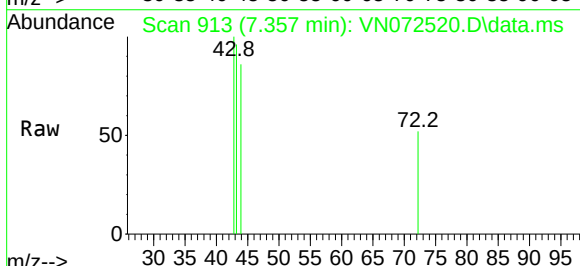
Acq: 16 May 2022 22:58

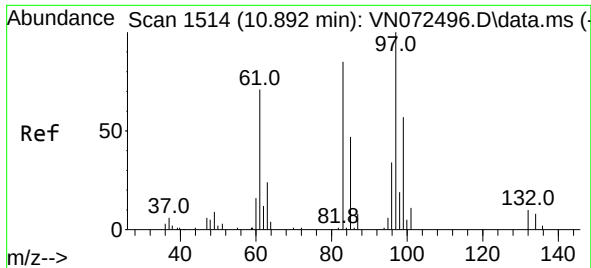
Tgt Ion: 43 Resp: 1127

Ion Ratio Lower Upper

43 100

45 0.0 10.6 16.0#

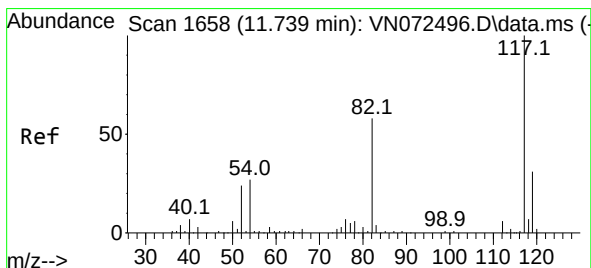
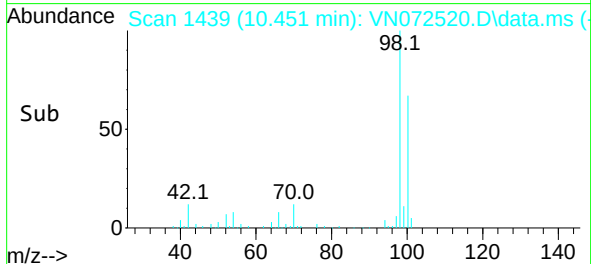
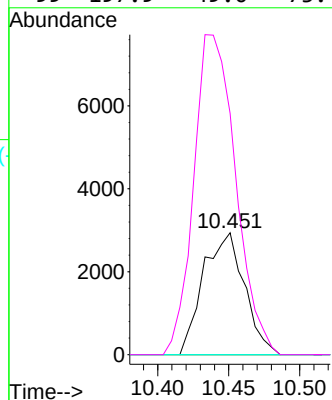
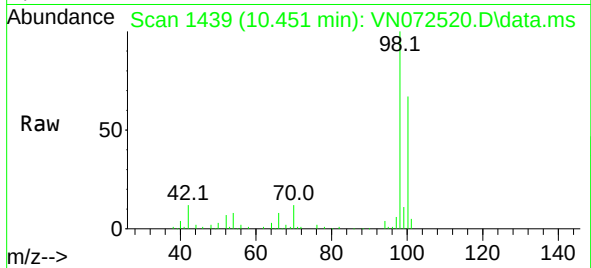




#50
1,1,2-Trichloroethane
Concen: 3.532 ug/l
RT: 10.451 min Scan# 1439
Delta R.T. -0.441 min
Lab File: VN072520.D
Acq: 16 May 2022 22:58

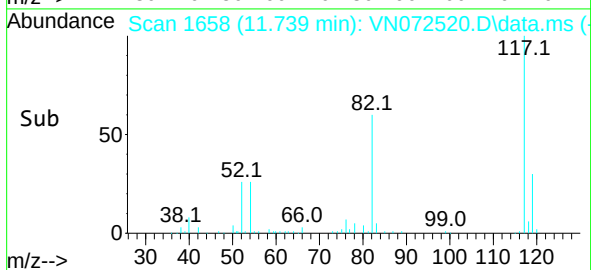
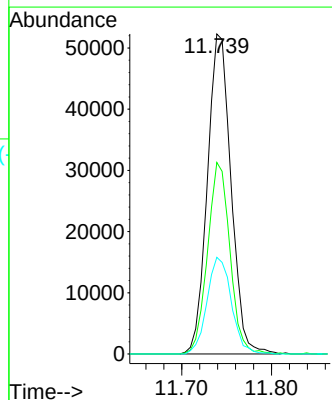
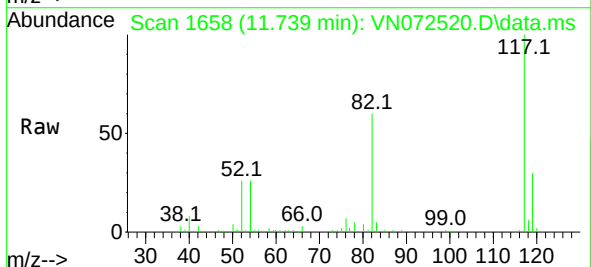
Instrument :
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ClientSampleId :
CBH-594

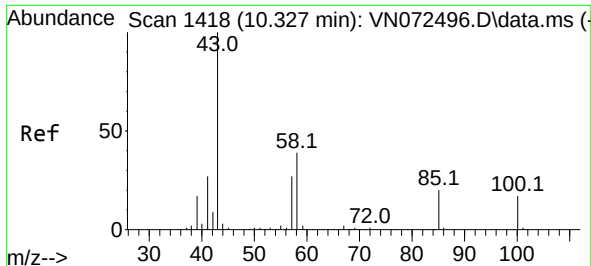
Tgt Ion: 97	Resp: 5936
Ion Ratio	Lower Upper
97 100	
83 0.0	67.2 100.8#
85 0.0	43.0 64.4#
99 197.9	49.0 73.4#



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN072520.D
Acq: 16 May 2022 22:58

Tgt Ion: 117	Resp: 95657
Ion Ratio	Lower Upper
117 100	
82 56.7	43.6 65.4
119 31.1	25.8 38.6





#58

4-Methyl-2-Pentanone

Concen: 0.250 ug/l

RT: 10.433 min Scan# 1418

Delta R.T. 0.106 min

Lab File: VN072520.D

Acq: 16 May 2022 22:58

Instrument :

MSVOA_N

ClientSampleId :

CBH-594

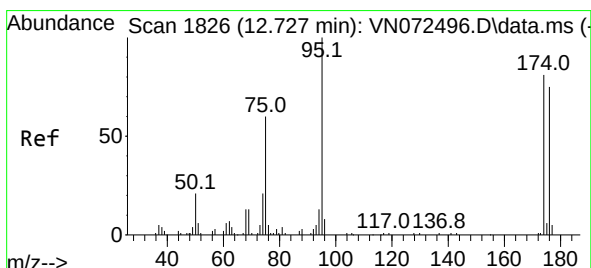
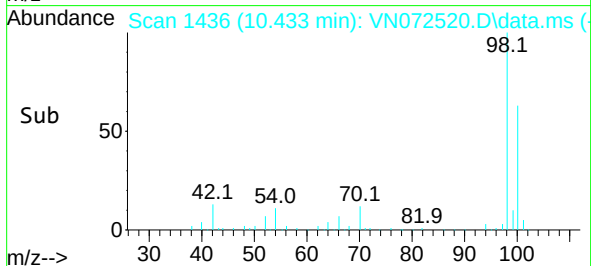
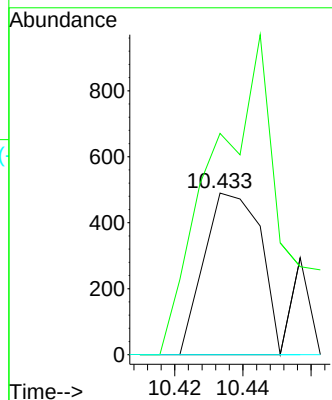
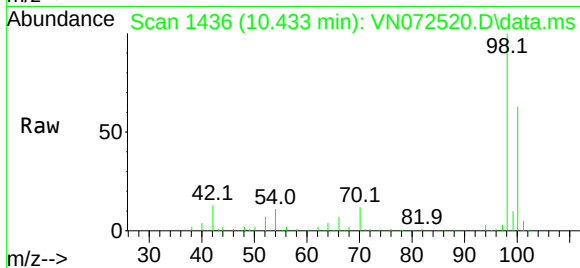
Tgt Ion: 43 Resp: 563

Ion Ratio Lower Upper

43 100

58 126.8 30.0 45.0#

85 0.0 15.0 22.6#



#60

4-Bromofluorobenzene

Concen: 23.499 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN072520.D

Acq: 16 May 2022 22:58

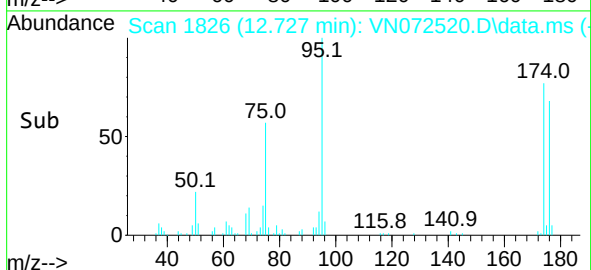
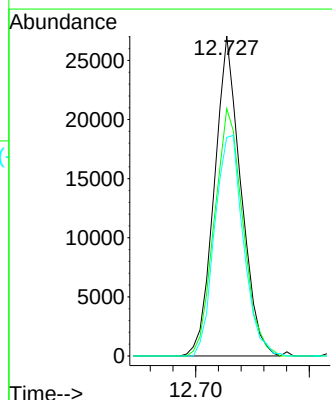
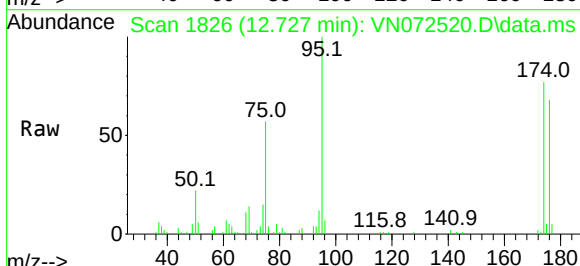
Tgt Ion: 95 Resp: 43891

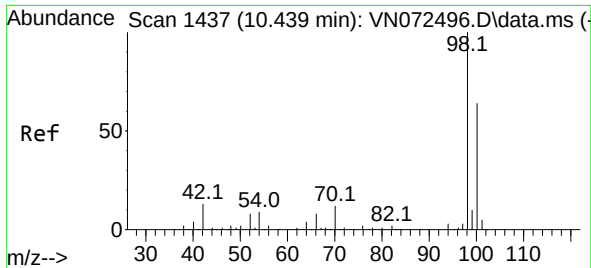
Ion Ratio Lower Upper

95 100

174 82.8 62.9 94.3

176 74.7 61.0 91.4

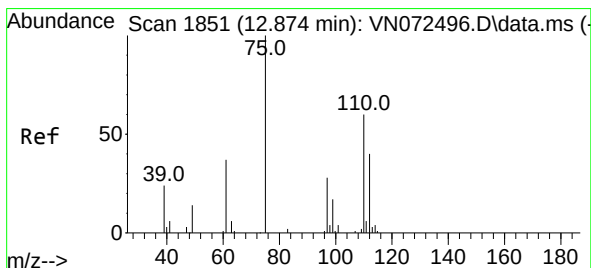
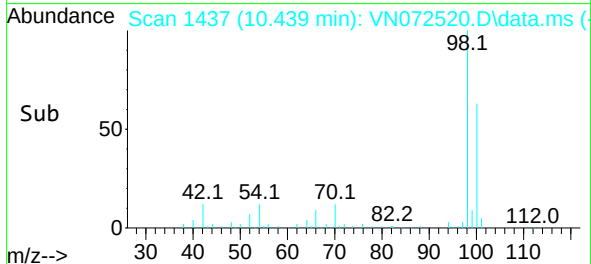
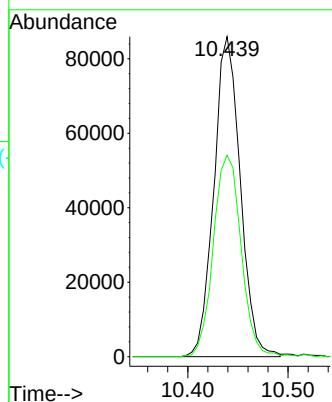
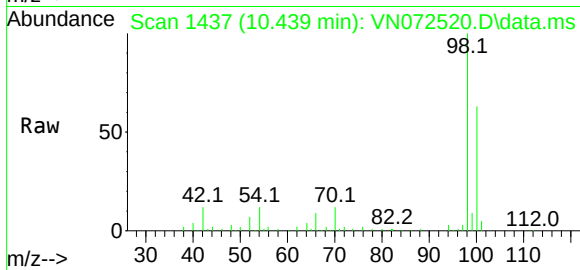




#63
Toluene-d8
Concen: 30.099 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN072520.D
Acq: 16 May 2022 22:58

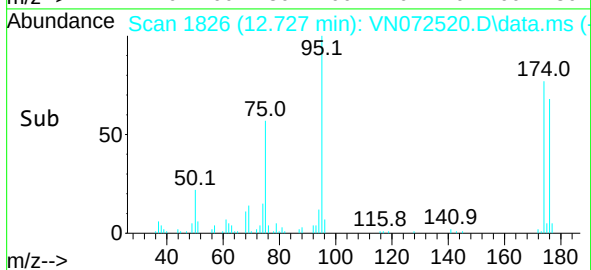
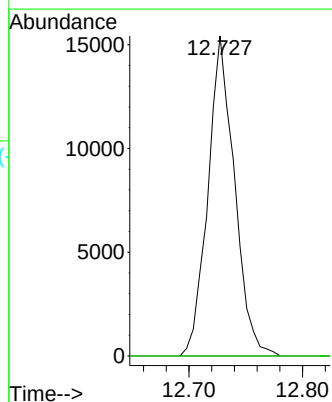
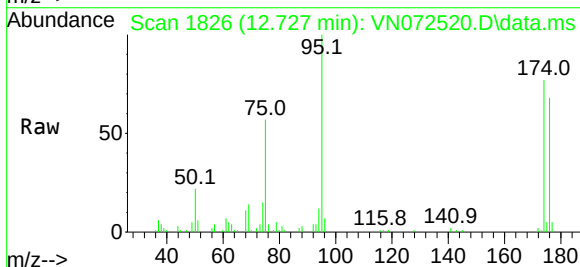
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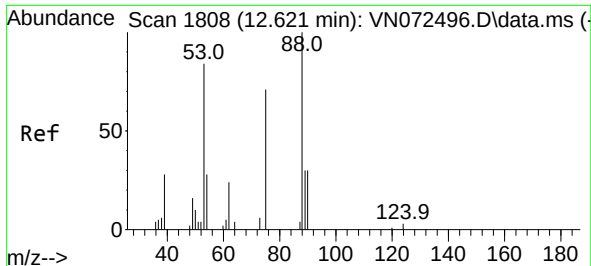
Tgt Ion: 98 Resp: 157168
Ion Ratio Lower Upper
98 100
100 66.0 50.6 76.0



#72
1,2,3-Trichloropropane
Concen: 12.117 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072520.D
Acq: 16 May 2022 22:58

Tgt Ion: 75 Resp: 25087
Ion Ratio Lower Upper
75 100
77 0.0 0.0 378.0

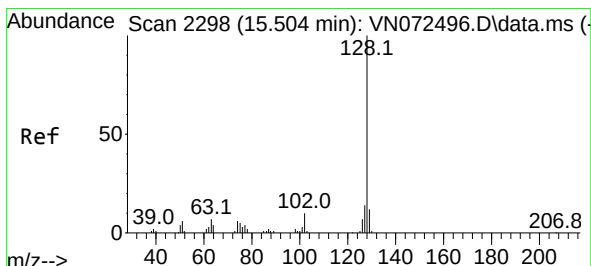
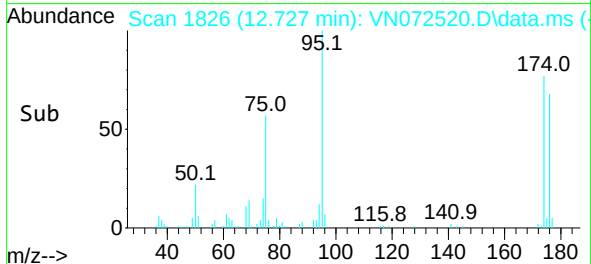
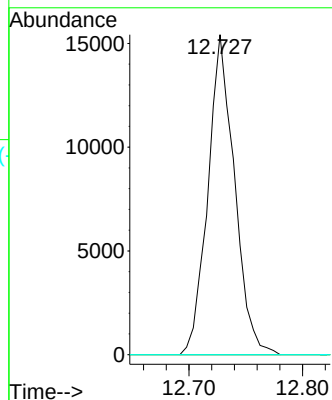
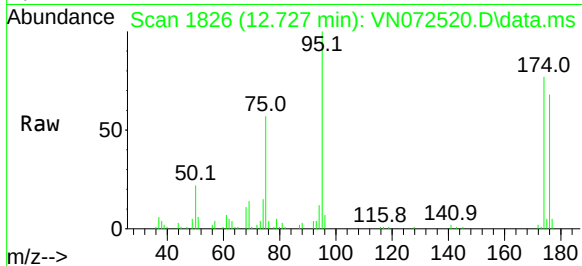




#77
t-1,4-Dichloro-2-butene
Concen: 36.673 ug/l
RT: 12.727 min Scan# 1808
Delta R.T. 0.106 min
Lab File: VN072520.D
Acq: 16 May 2022 22:58

Instrument :
MSVOA_N
ClientSampleId :
CBH-594

Tgt Ion: 75 Resp: 25087
Ion Ratio Lower Upper
75 100
53 0.0 51.8 155.5#
89 0.0 22.9 68.7#



#91
Naphthalene
Concen: 7.793 ug/l
RT: 15.509 min Scan# 2299
Delta R.T. 0.005 min
Lab File: VN072520.D
Acq: 16 May 2022 22:58

Tgt Ion: 128 Resp: 163
Ion Ratio Lower Upper
128 100
127 0.0 10.7 16.1#
129 0.0 9.0 13.6#

