

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040820\
 Data File : VX015563.D
 Acq On : 08 Apr 2020 13:00
 Operator : JC/SP
 Sample : L2151-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CBH-140

Quant Time: Apr 09 06:18:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1122833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1746207	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1670151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	868419	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	721319	45.55	ug/l	0.00
Spiked Amount			Recovery	=	91.10%	
35) Dibromofluoromethane	5.47	113	547298	49.03	ug/l	0.00
Spiked Amount			Recovery	=	98.06%	
50) Toluene-d8	8.70	98	2087657	50.80	ug/l	0.00
Spiked Amount			Recovery	=	101.60%	
62) 4-Bromofluorobenzene	11.12	95	900687	53.93	ug/l	0.00
Spiked Amount			Recovery	=	107.86%	

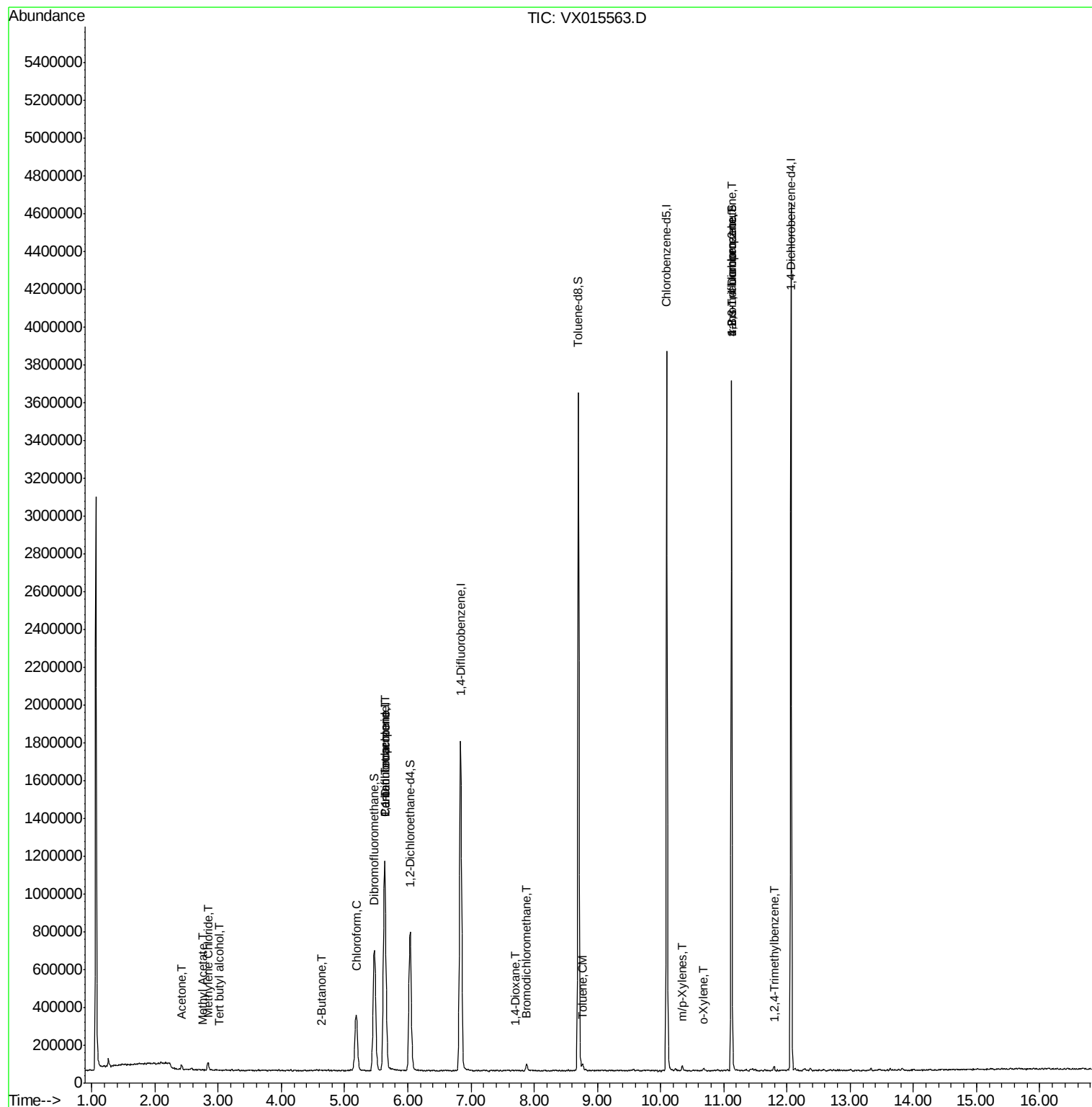
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.63	94	489	Below Cal	#	3
11) Tert butyl alcohol	3.02	59	1056	0.279	ug/l #	73
16) Acetone	2.42	43	28321	4.163	ug/l	95
18) Methyl Acetate	2.75	43	4126	0.238	ug/l #	67
20) Methylene Chloride	2.84	84	18412	1.449	ug/l	99
25) 2-Butanone	4.64	43	2423	0.221	ug/l #	59
30) Chloroform	5.18	83	347968	15.651	ug/l	99
36) 1,1-Dichloropropene	5.64	75	81375	5.058	ug/l #	52
38) Carbon Tetrachloride	5.64	117	105090	6.030	ug/l #	15
47) Bromodichloromethane	7.88	83	27272	1.513	ug/l	96
49) 1,4-Dioxane	7.70	88	267	0.810	ug/l #	1
52) Toluene	8.77	92	10164	0.350	ug/l	96
68) m/p-Xylenes	10.34	106	7855	0.357	ug/l	98
69) o-Xylene	10.68	106	4726	0.217	ug/l	93
76) 1,2,3-Trichloropropane	11.12	75	462439	25.895	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.12	75	462439	62.134	ug/l #	10
84) 1,2,4-Trimethylbenzene	11.79	105	10069	0.203	ug/l	90

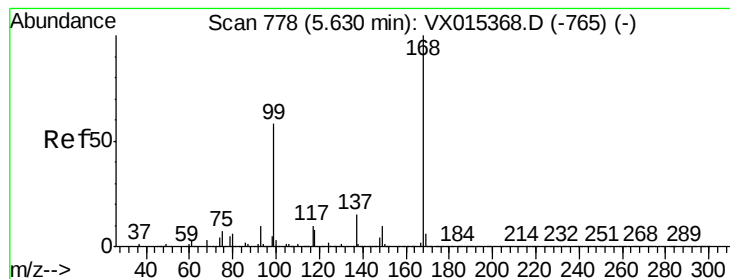
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX040820\
Data File : VX015563.D
Acq On : 08 Apr 2020 13:00
Operator : JC/SP
Sample : L2151-11
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CBH-140

Quant Time: Apr 09 06:18:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 27 09:35:51 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015563.D

Acq: 08 Apr 2020 13:00

Instrument :

MSVOA_X

ClientSampleId :

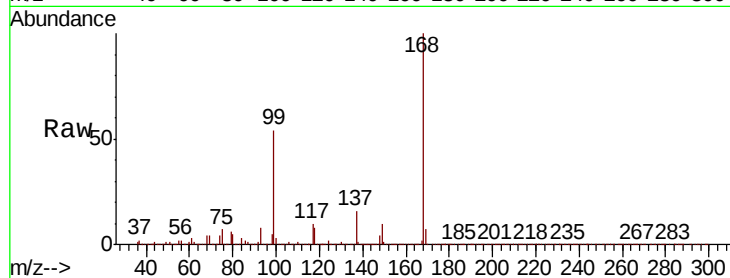
CBH-140

Tot Ion:168 Resp: 1122833

Ion Ratio Lower Upper

168 100

99 54.3 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

400000

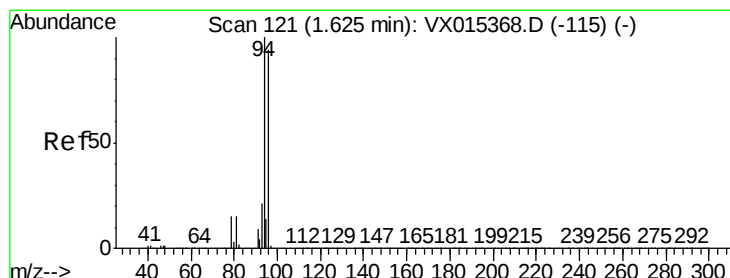
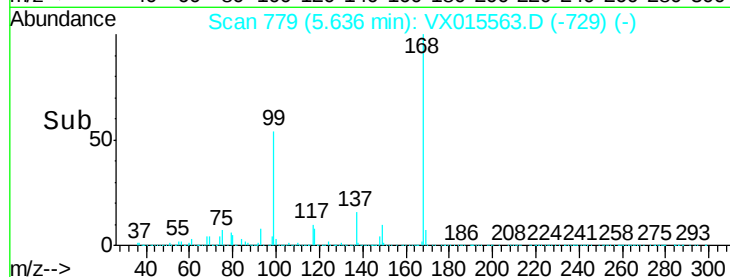
300000

200000

100000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.63 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX015563.D

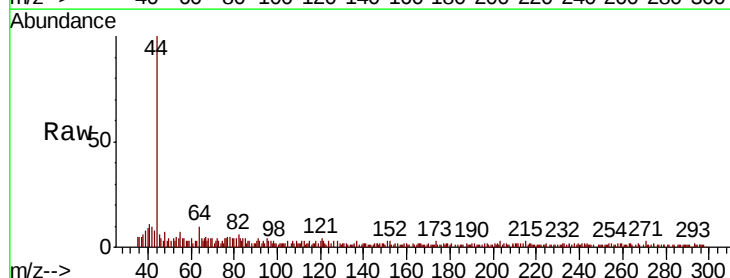
Acq: 08 Apr 2020 13:00

Tgt Ion: 94 Resp: 489

Ion Ratio Lower Upper

94 100

96 0.0 74.8 112.2#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

800

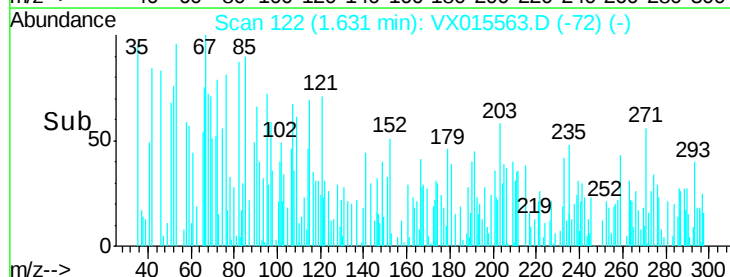
600

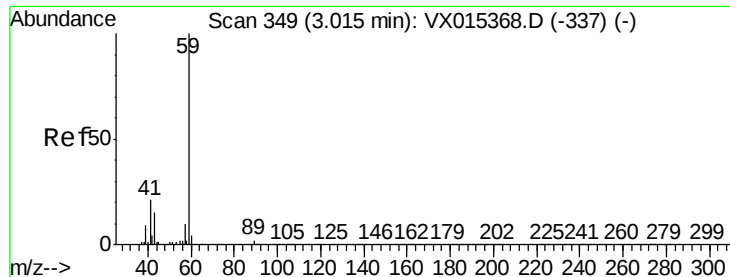
400

200

0

Time-->

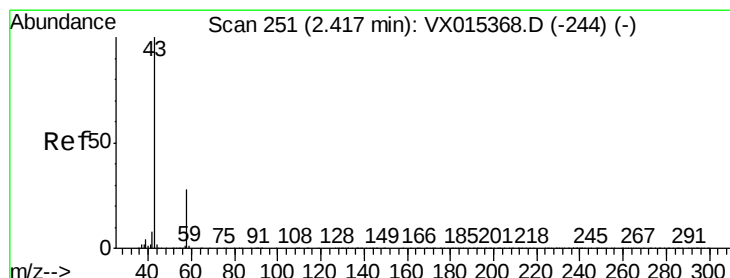
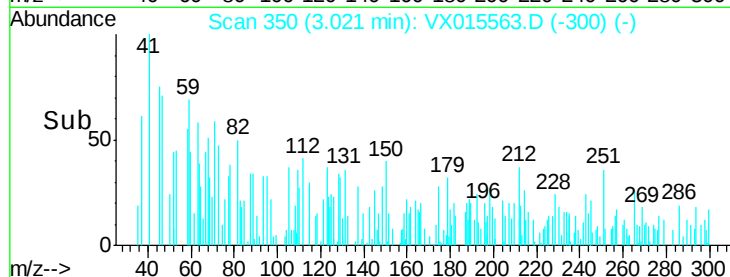
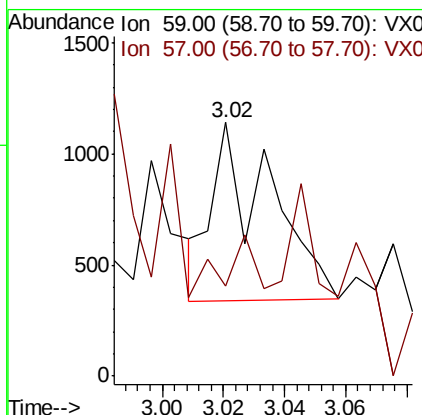
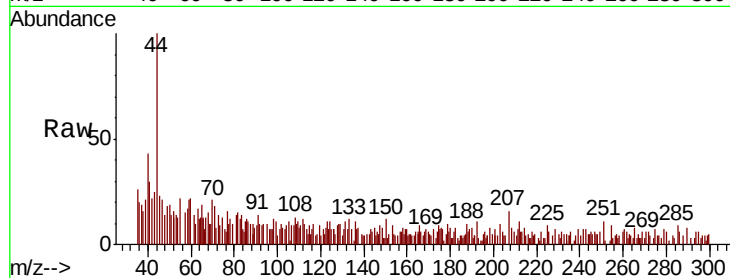




#11
Tert butyl alcohol
Concen: 0.279 ug/l
RT: 3.02 min Scan# 350
Delta R.T. 0.01 min
Lab File: VX015563.D
Acq: 08 Apr 2020 13:00

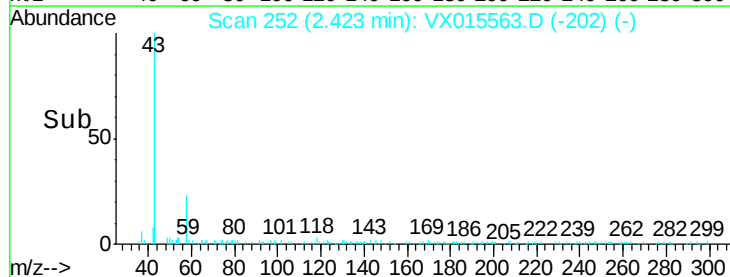
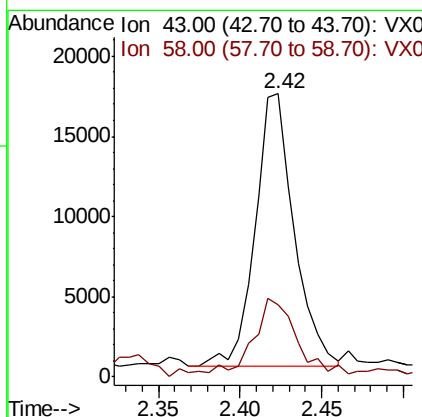
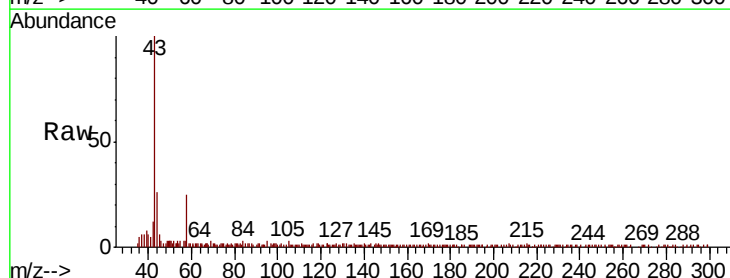
Instrument :
MSVOA_X
ClientSampled :
CBH-140

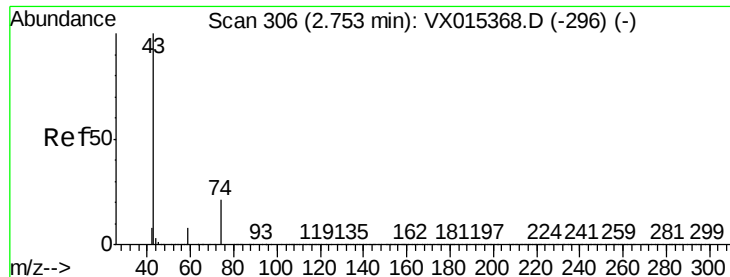
Tot Ion: 59 Resp: 1056
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 4.163 ug/l
RT: 2.42 min Scan# 252
Delta R.T. 0.01 min
Lab File: VX015563.D
Acq: 08 Apr 2020 13:00

Tgt Ion: 43 Resp: 28321
Ion Ratio Lower Upper
43 100
58 24.8 22.1 33.1





#18

Methyl Acetate

Concen: 0.238 ug/l

RT: 2.75 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX015563.D

Acq: 08 Apr 2020 13:00

Instrument :

MSVOA_X

ClientSampled :

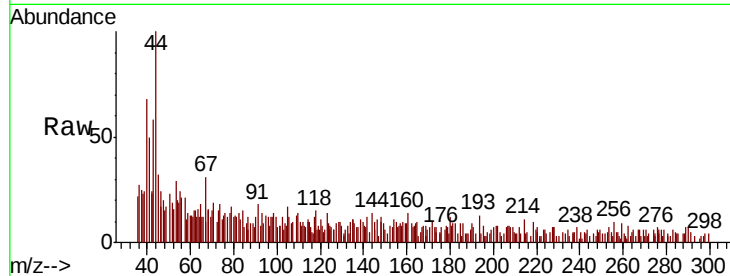
CBH-140

Tot Ion: 43 Resp: 4126

Ion Ratio Lower Upper

43 100

74 5.2 16.5 24.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

1500

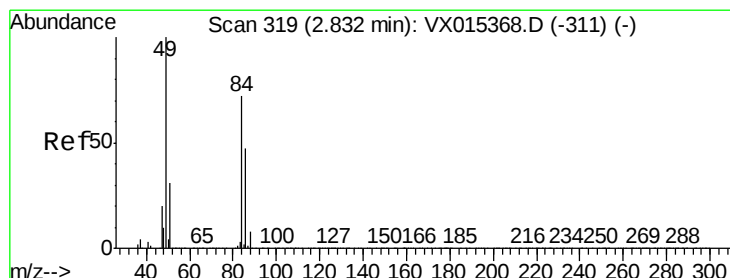
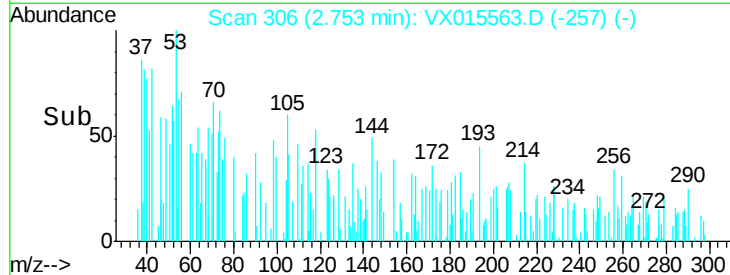
1000

500

0

2.70 2.75 2.80

Time-->



#20

Methylene Chloride

Concen: 1.449 ug/l

RT: 2.84 min Scan# 320

Delta R.T. 0.01 min

Lab File: VX015563.D

Acq: 08 Apr 2020 13:00

Tgt Ion: 84 Resp: 18412

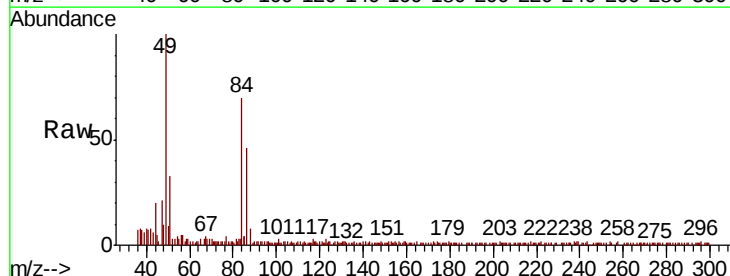
Ion Ratio Lower Upper

84 100

49 138.2 111.3 166.9

51 41.8 34.0 51.0

86 64.2 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

20000

15000

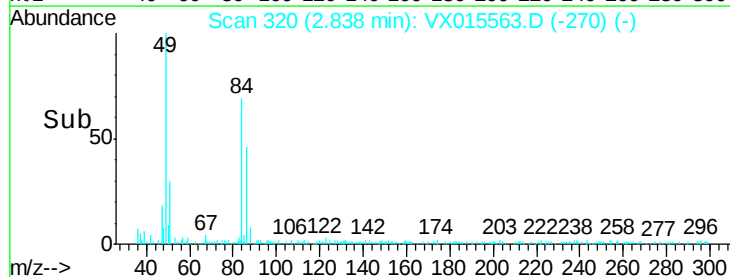
10000

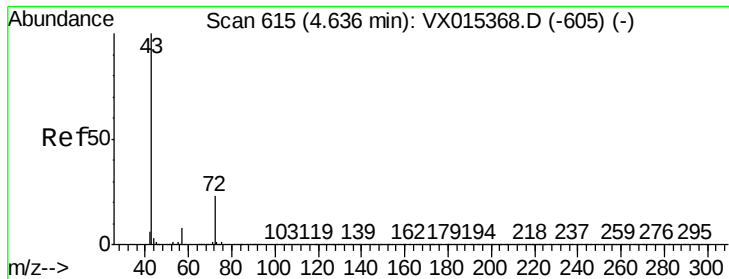
5000

0

2.75 2.80 2.85 2.90

Time-->

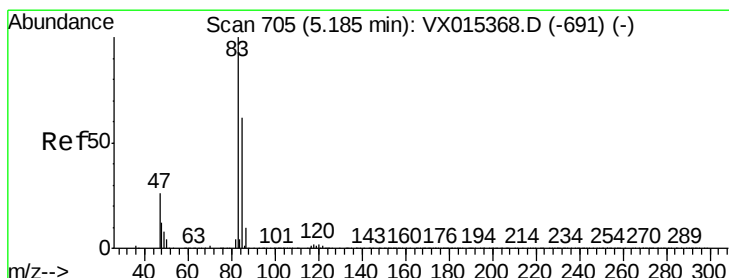
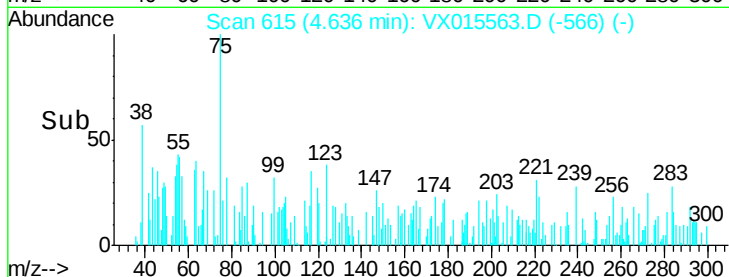
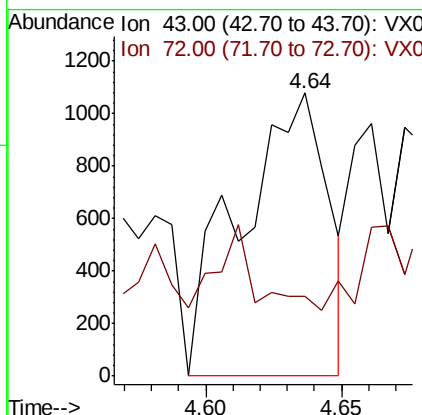
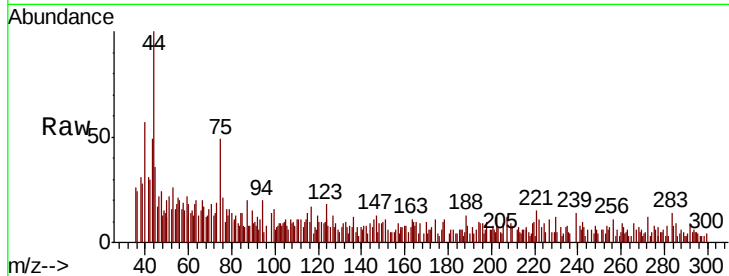




#25
2-Butanone
Concen: 0.221 ug/l
RT: 4.64 min Scan# 615
Delta R.T. -0.00 min
Lab File: VX015563.D
Acq: 08 Apr 2020 13:00

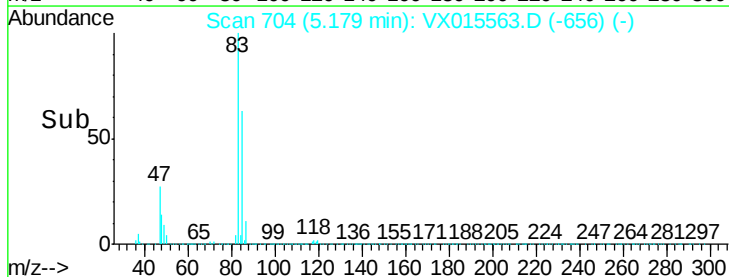
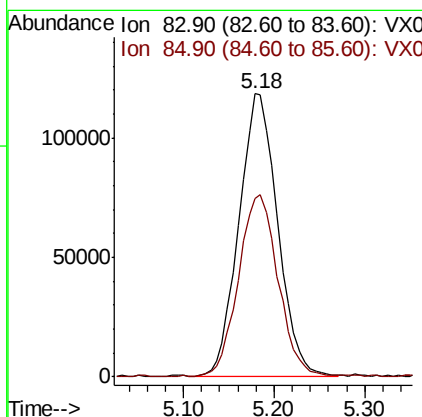
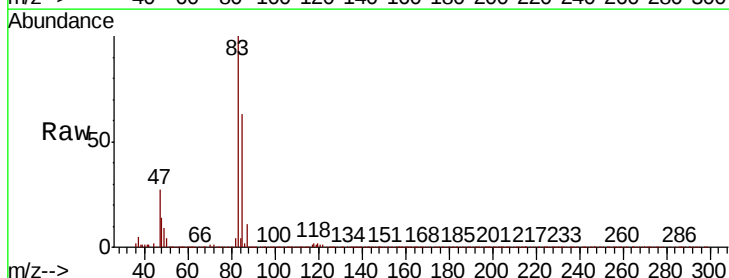
Instrument :
MSVOA_X
ClientSampled :
CBH-140

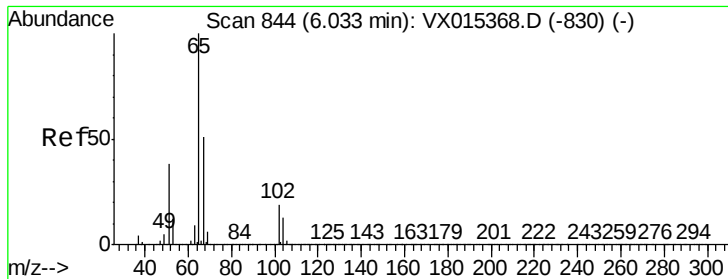
Tot Ion: 43 Resp: 2423
Ion Ratio Lower Upper
43 100
72 3.7 19.0 28.4#



#30
Chloroform
Concen: 15.651 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015563.D
Acq: 08 Apr 2020 13:00

Tgt Ion: 83 Resp: 347968
Ion Ratio Lower Upper
83 100
85 63.0 49.5 74.3

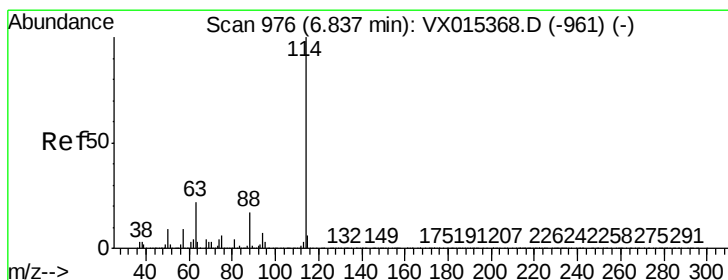
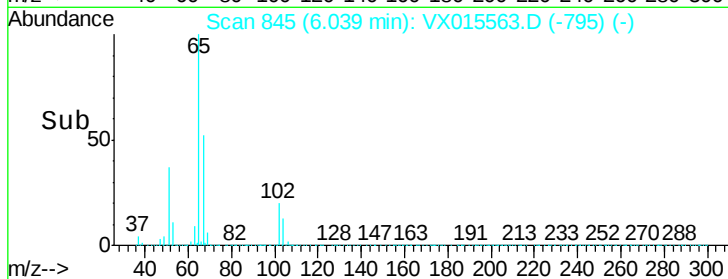
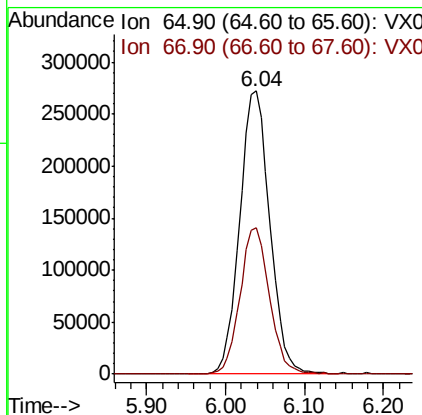
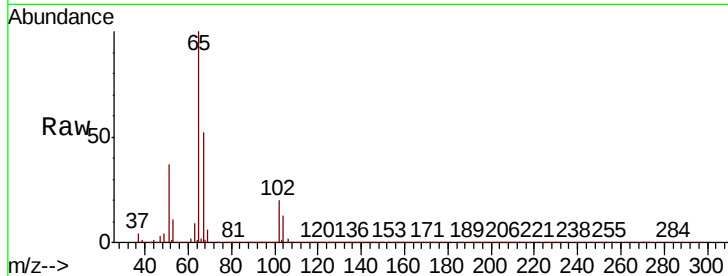




#33
 1,2-Dichloroethane-d4
 Concen: 45.548 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: VX015563.D
 Acq: 08 Apr 2020 13:00

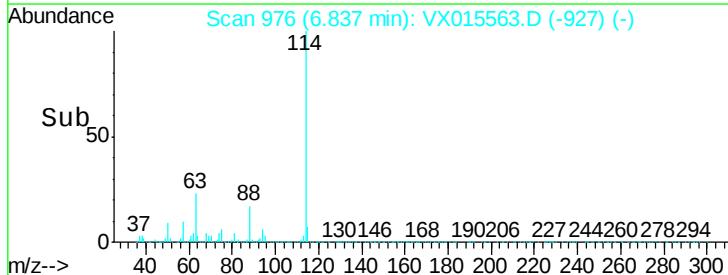
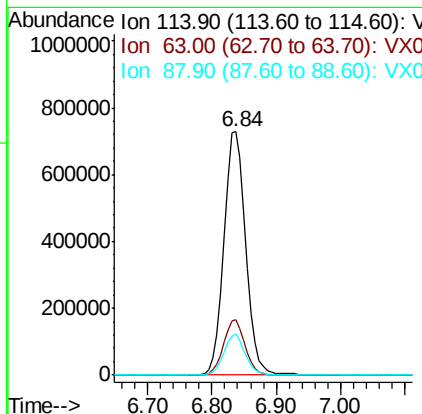
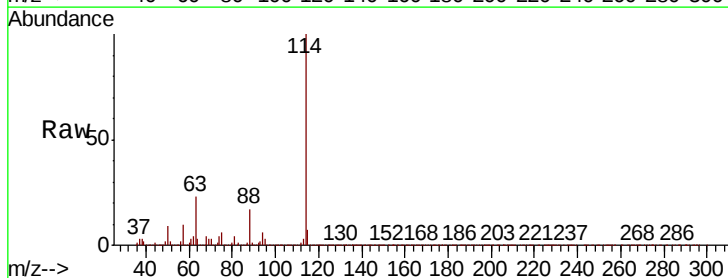
Instrument :
 MSVOA_X
 ClientSampleId :
 CBH-140

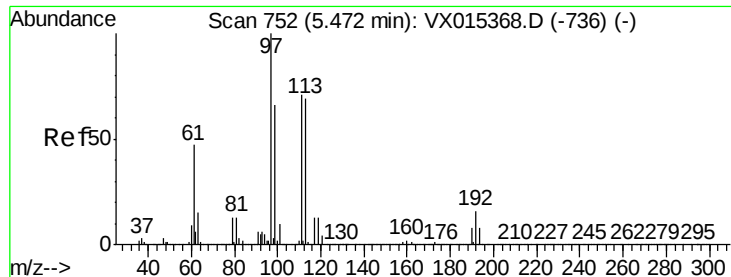
Tot Ion: 65 Resp: 721319
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VX015563.D
 Acq: 08 Apr 2020 13:00

Tgt Ion: 114 Resp: 1746207
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 44.2
 88 16.7 0.0 33.8

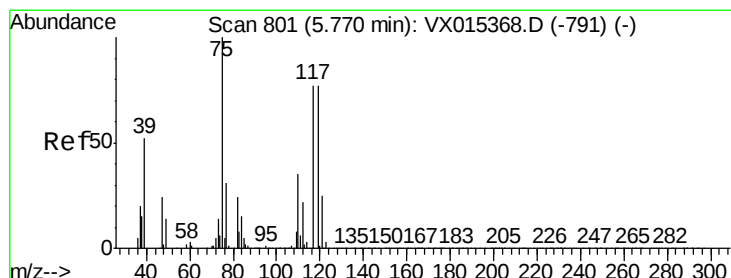
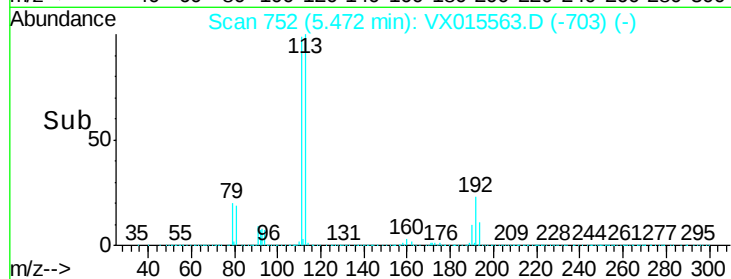
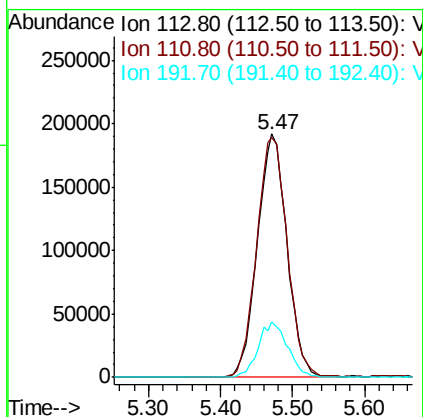
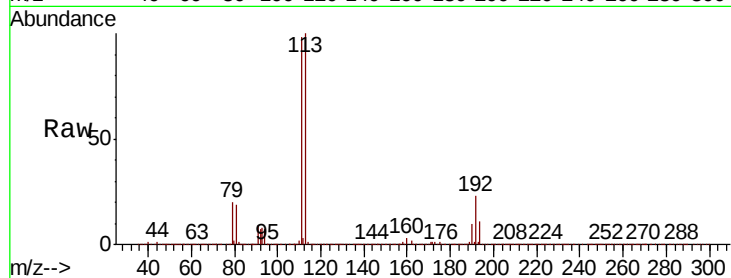




#35
 Dibromofluoromethane
 Concen: 49.031 ug/l
 RT: 5.47 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: VX015563.D
 Acq: 08 Apr 2020 13:00

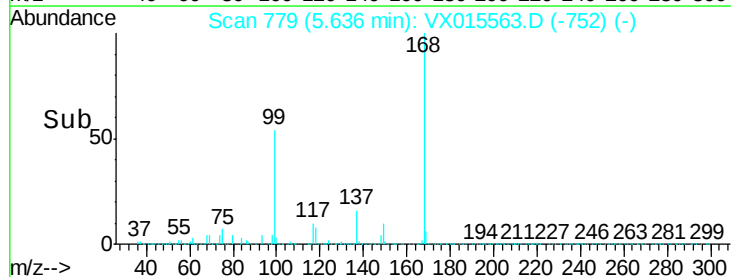
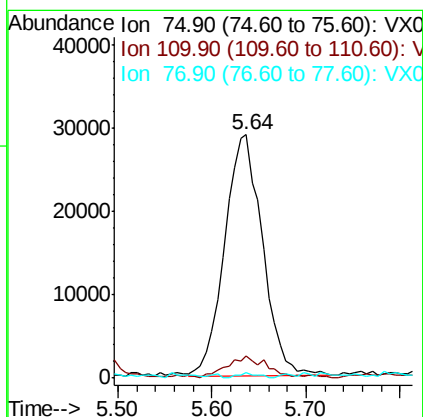
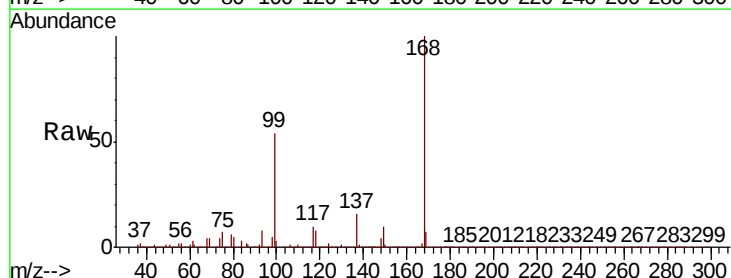
Instrument :
 MSVOA_X
 ClientSampled :
 CBH-140

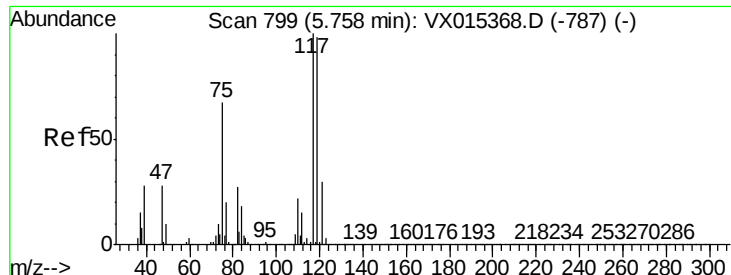
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.5	122.3
192	22.6	17.8	26.6



#36
 1,1-Dichloropropene
 Concen: 5.058 ug/l
 RT: 5.64 min Scan# 779
 Delta R.T. -0.13 min
 Lab File: VX015563.D
 Acq: 08 Apr 2020 13:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	17.1	51.3#
77	1.1	24.6	36.8#





#38

Carbon Tetrachloride

Concen: 6.030 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.12 min

Lab File: VX015563.D

Acq: 08 Apr 2020 13:00

Instrument :

MSVOA_X

ClientSampleId :

CBH-140

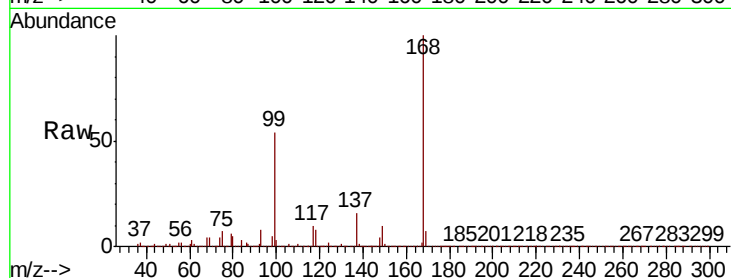
Tot Ion:117 Resp: 105090

Ion Ratio Lower Upper

117 100

119 4.2 78.0 117.0#

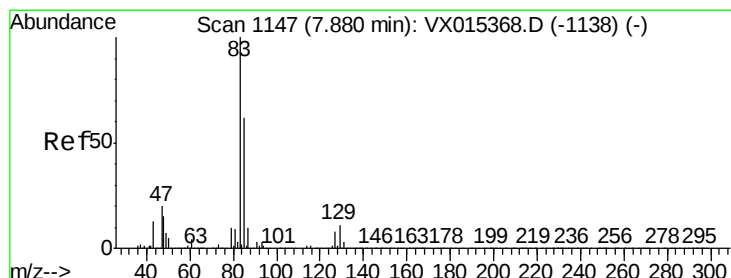
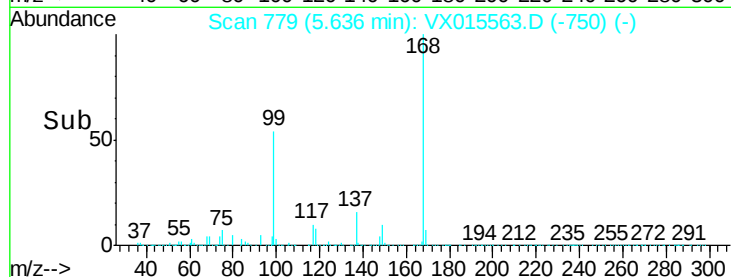
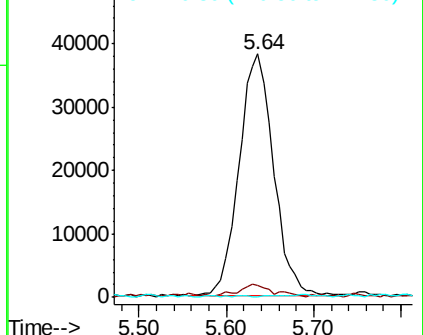
121 0.3 23.8 35.8#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#47

Bromodichloromethane

Concen: 1.513 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015563.D

Acq: 08 Apr 2020 13:00

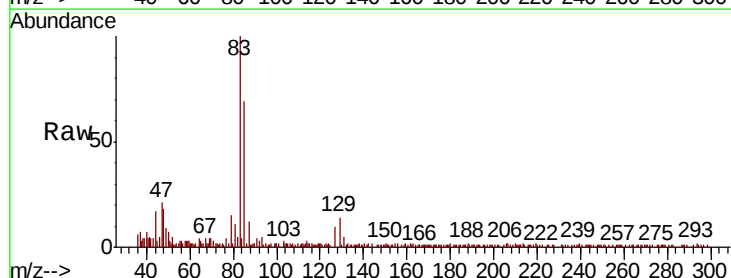
Tgt Ion: 83 Resp: 27272

Ion Ratio Lower Upper

83 100

85 65.7 49.7 74.5

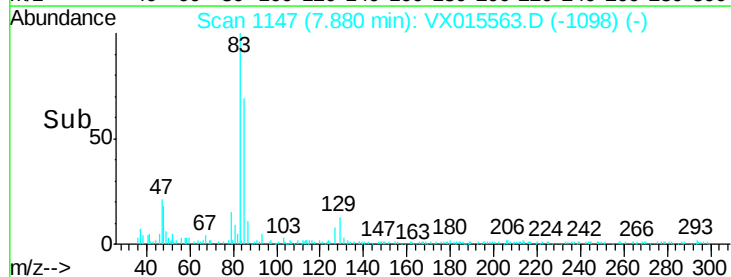
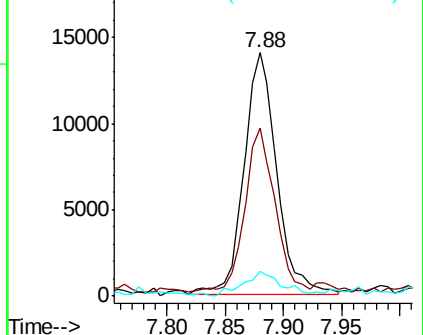
127 9.3 6.7 10.1

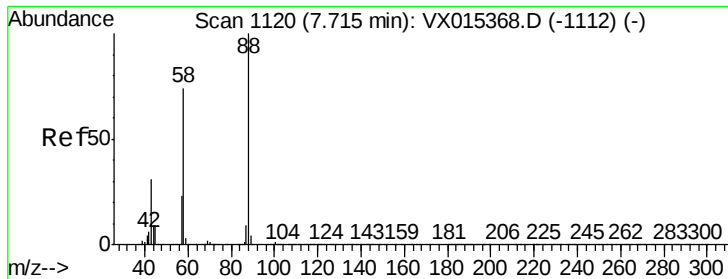


Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V





#49

1,4-Dioxane

Concen: 0.810 ug/l

RT: 7.70 min Scan# 1118

Delta R.T. -0.01 min

Lab File: VX015563.D

Acq: 08 Apr 2020 13:00

Instrument :

MSVOA_X

ClientSampled :

CBH-140

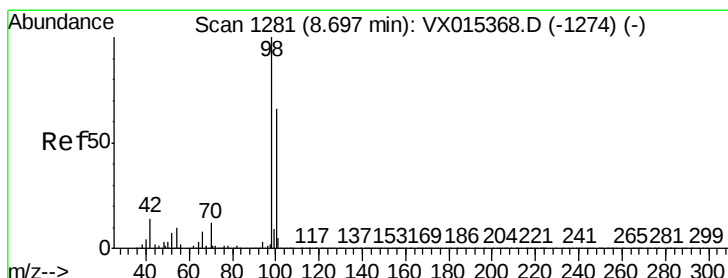
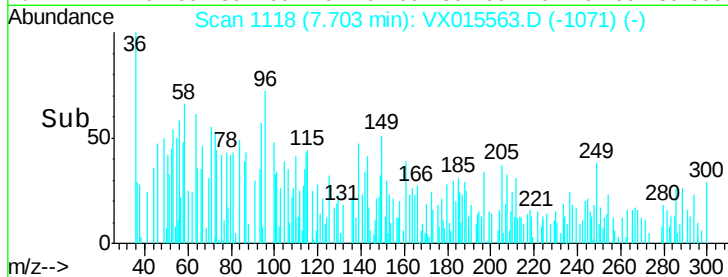
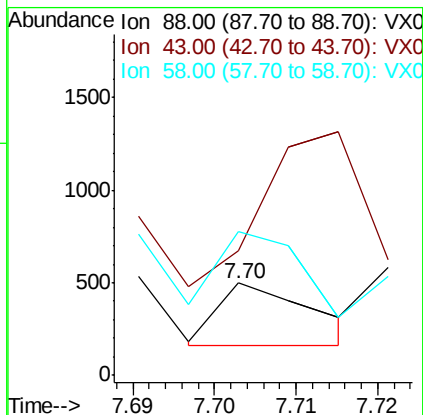
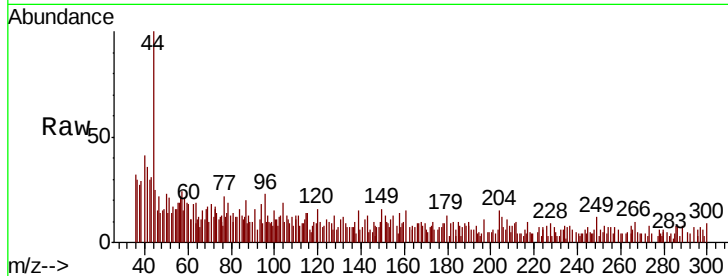
Tot Ion: 88 Resp: 267

Ion Ratio Lower Upper

88 100

43 272.7 30.1 45.1#

58 0.0 60.6 90.8#



#50

Toluene-d8

Concen: 50.799 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015563.D

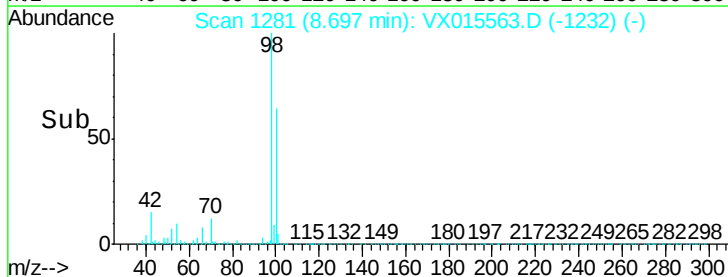
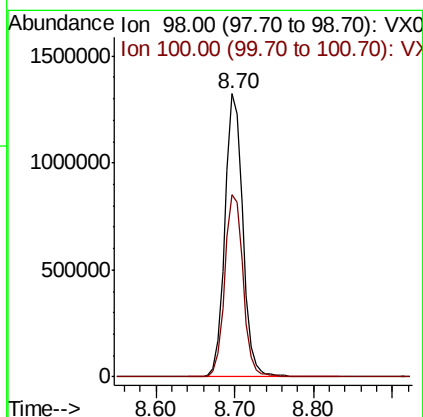
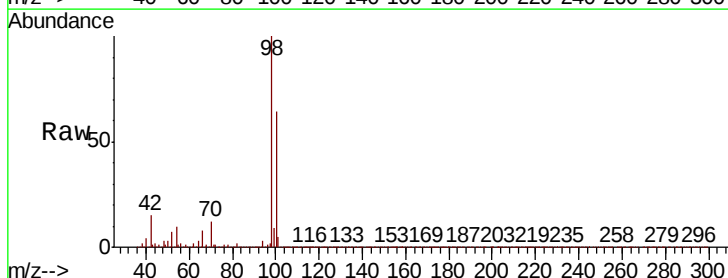
Acq: 08 Apr 2020 13:00

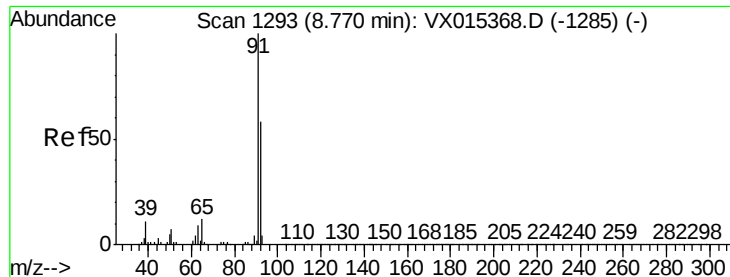
Tgt Ion: 98 Resp: 2087657

Ion Ratio Lower Upper

98 100

100 65.9 53.5 80.3





#52

Toluene

Concen: 0.350 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015563.D

Acq: 08 Apr 2020 13:00

Instrument :

MSVOA_X

ClientSampleId :

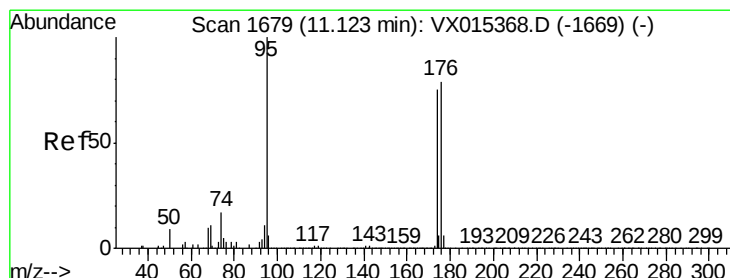
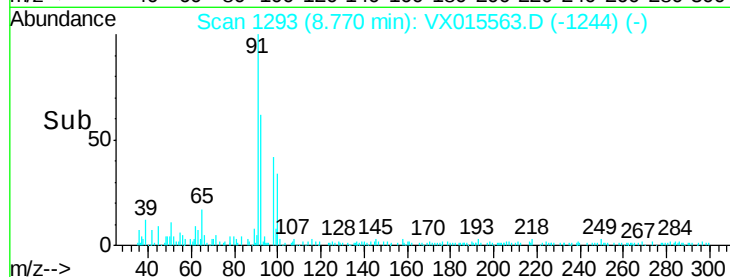
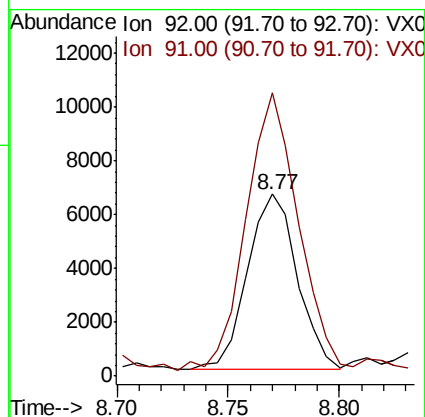
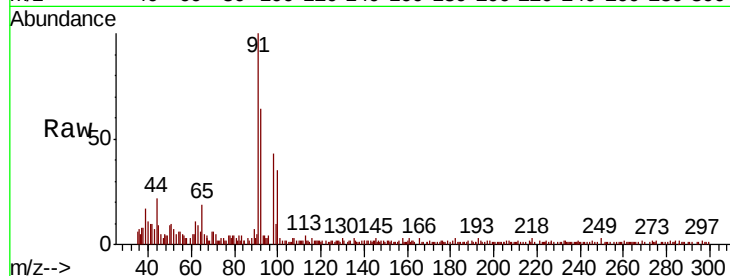
CBH-140

Tot Ion: 92 Resp: 10164

Ion Ratio Lower Upper

92 100

91 164.7 136.6 205.0



#62

4-Bromofluorobenzene

Concen: 53.928 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015563.D

Acq: 08 Apr 2020 13:00

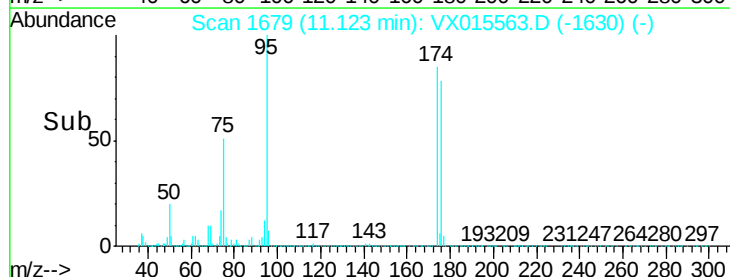
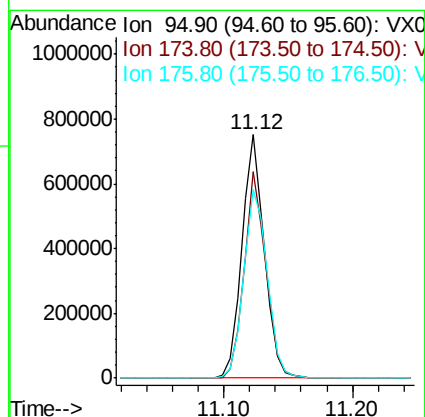
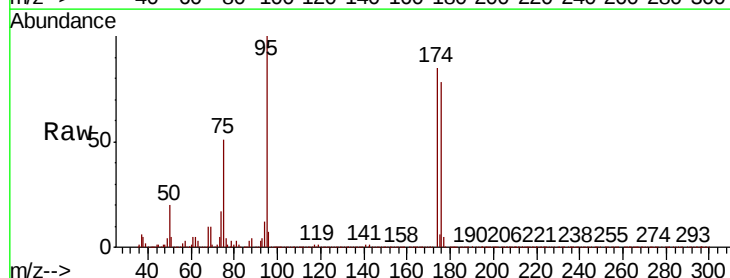
Tgt Ion: 95 Resp: 900687

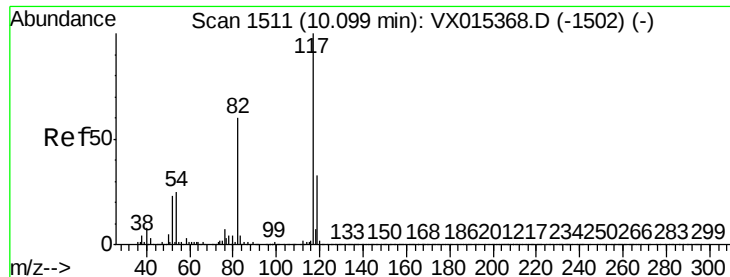
Ion Ratio Lower Upper

95 100

174 82.2 0.0 158.6

176 81.2 0.0 159.0

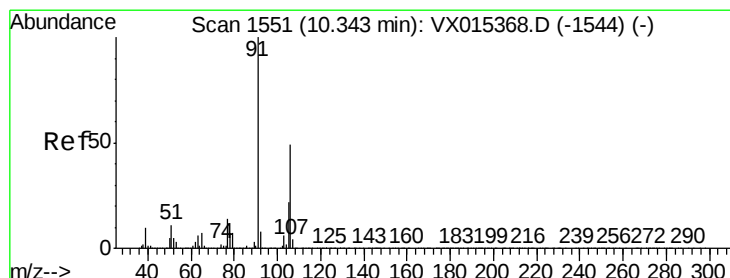
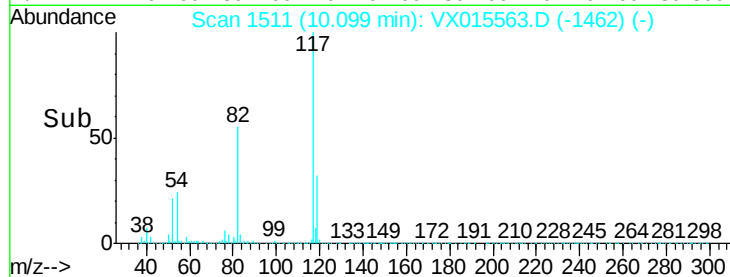
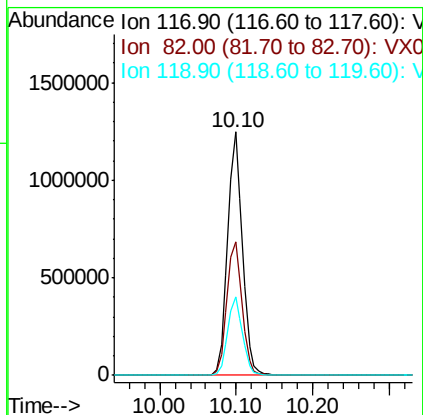
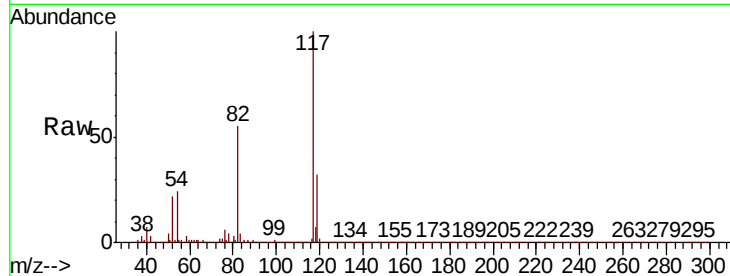




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015563.D
Acq: 08 Apr 2020 13:00

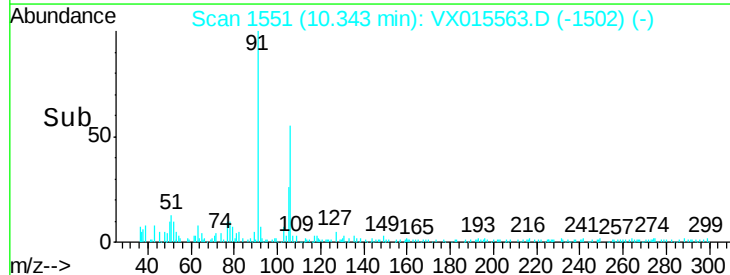
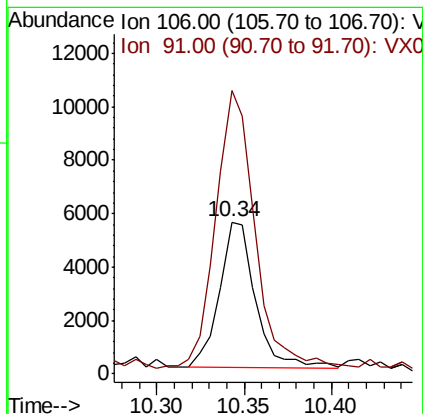
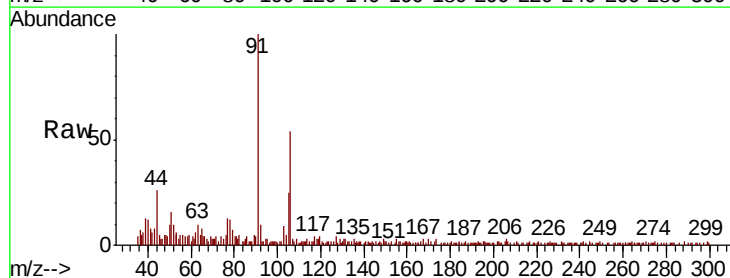
Instrument :
MSVOA_X
ClientSampleId :
CBH-140

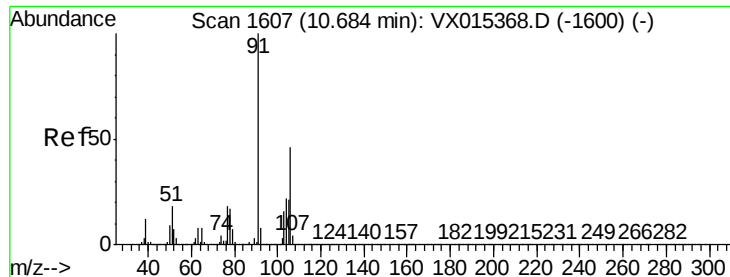
Tot Ion:117 Resp: 1670151
Ion Ratio Lower Upper
117 100
82 54.7 47.8 71.8
119 32.2 26.8 40.2



#68
m/p-Xylenes
Concen: 0.357 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015563.D
Acq: 08 Apr 2020 13:00

Tgt Ion:106 Resp: 7855
Ion Ratio Lower Upper
106 100
91 207.2 163.4 245.0

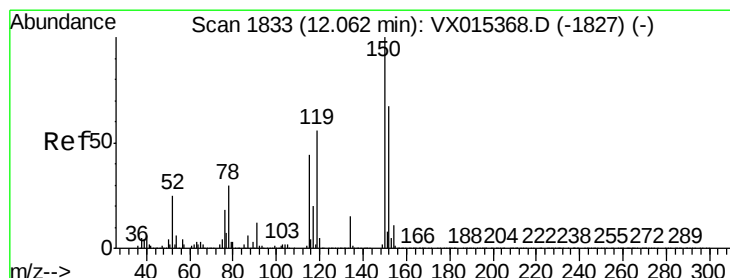
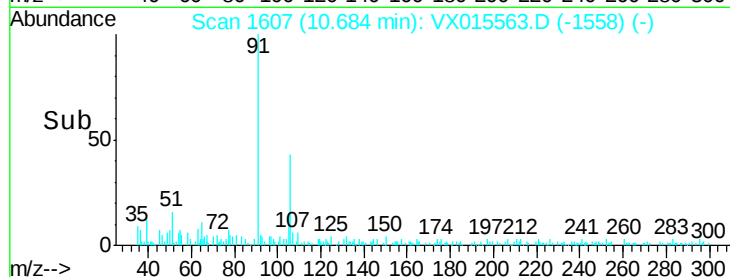
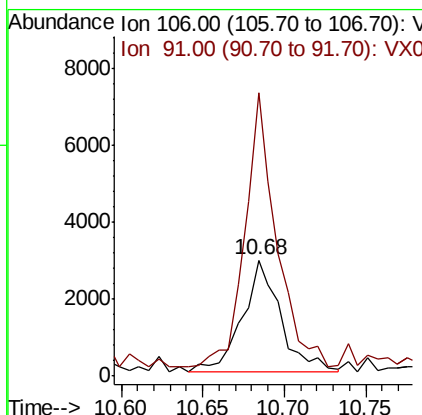
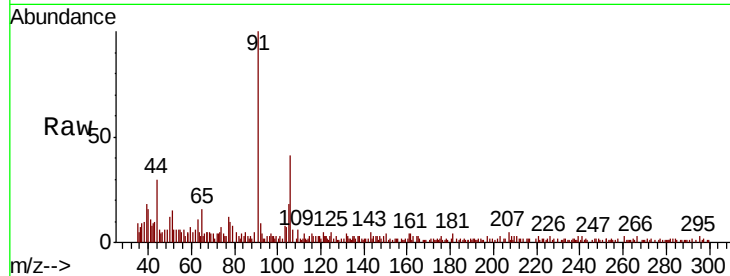




#69
o-Xylene
Concen: 0.217 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015563.D
Acq: 08 Apr 2020 13:00

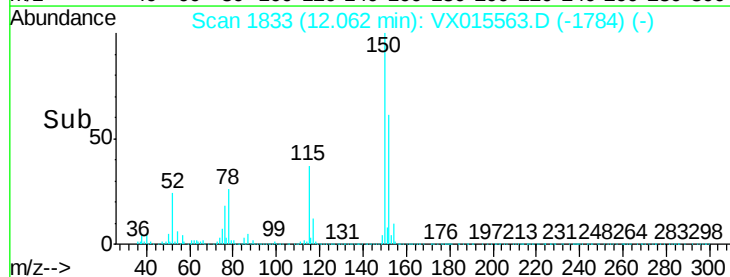
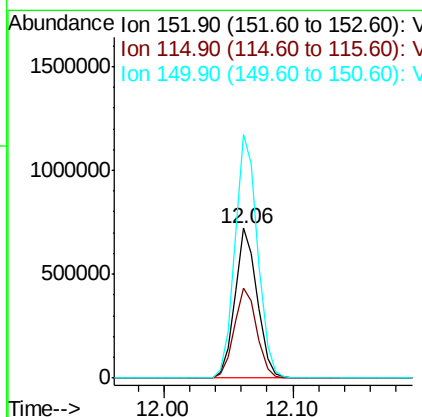
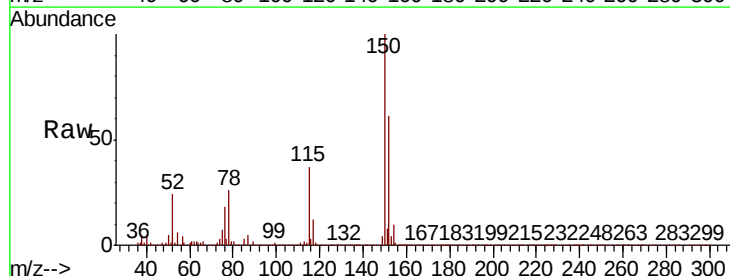
Instrument :
MSVOA_X
ClientSampled :
CBH-140

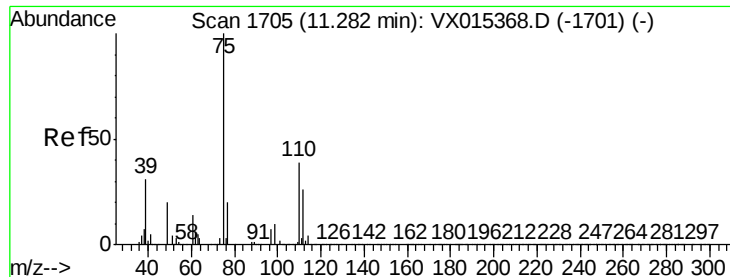
Tot Ion:106 Resp: 4726
Ion Ratio Lower Upper
106 100
91 202.6 107.1 321.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015563.D
Acq: 08 Apr 2020 13:00

Tgt Ion:152 Resp: 868419
Ion Ratio Lower Upper
152 100
115 61.1 39.0 116.9
150 165.1 0.0 340.8





#76

1,2,3-Trichloropropane

Concen: 25.895 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.16 min

Lab File: VX015563.D

Acq: 08 Apr 2020 13:00

Instrument :

MSVOA_X

ClientSampled :

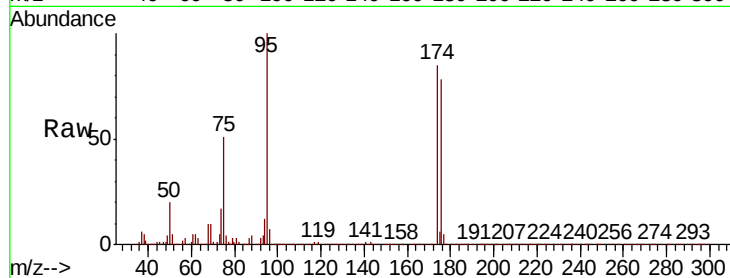
CBH-140

Tot Ion: 75 Resp: 462439

Ion Ratio Lower Upper

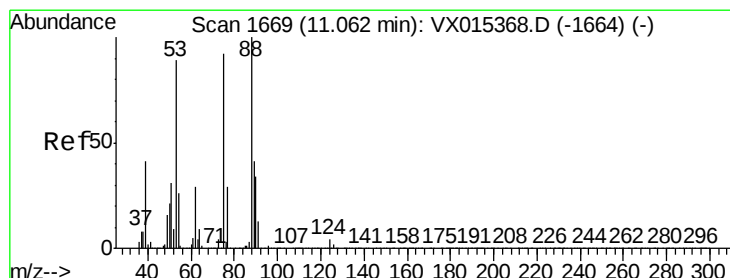
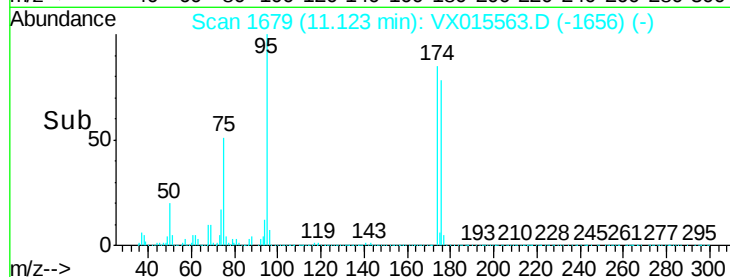
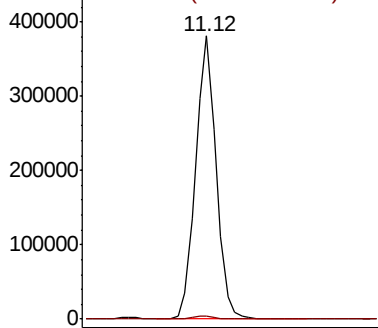
75 100

77 1.2 21.2 63.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



#81

trans-1,4-Dichloro-2-butene

Concen: 62.134 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. 0.06 min

Lab File: VX015563.D

Acq: 08 Apr 2020 13:00

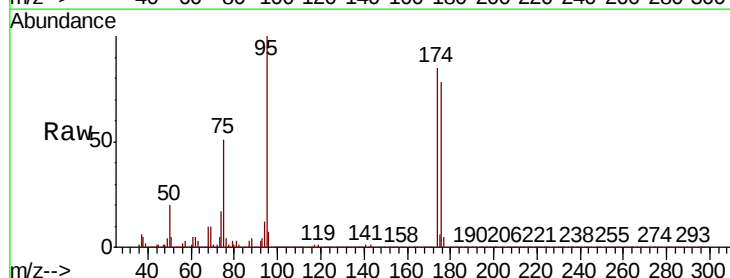
Tgt Ion: 75 Resp: 462439

Ion Ratio Lower Upper

75 100

53 0.1 80.1 120.1#

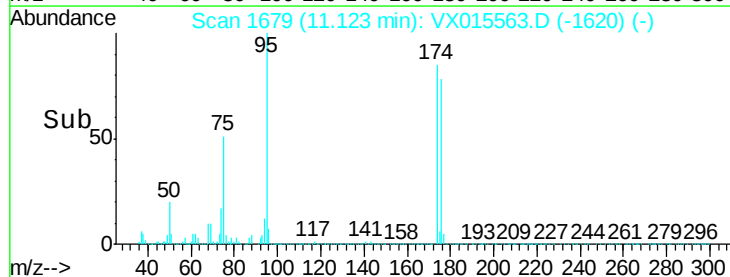
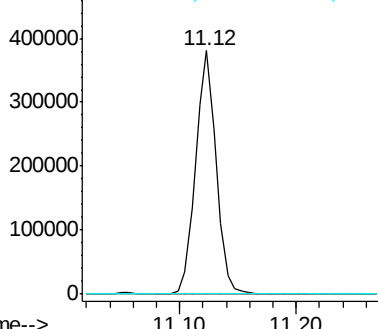
89 0.0 36.1 54.1#

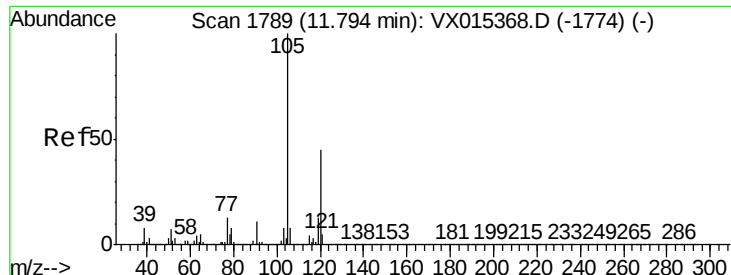


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#84

1,2,4-Trimethylbenzene

Concen: 0.203 ug/l

RT: 11.79 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX015563.D

Acq: 08 Apr 2020 13:00

Instrument :

MSVOA_X

ClientSampleId :

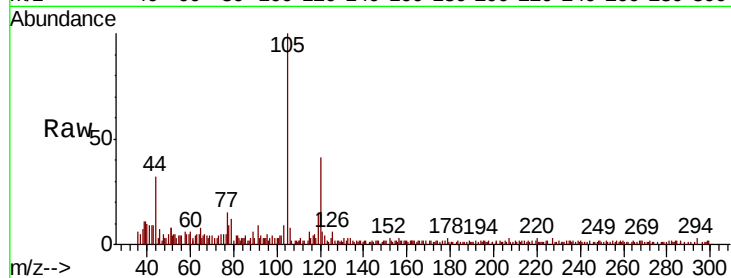
CBH-140

Tot Ion:105 Resp: 10069

Ion Ratio Lower Upper

105 100

120 52.2 22.7 68.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

