

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040820\
 Data File : VX015565.D
 Acq On : 08 Apr 2020 13:46
 Operator : JC/SP
 Sample : L2151-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CBH-594

Quant Time: Apr 09 07:08:08 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

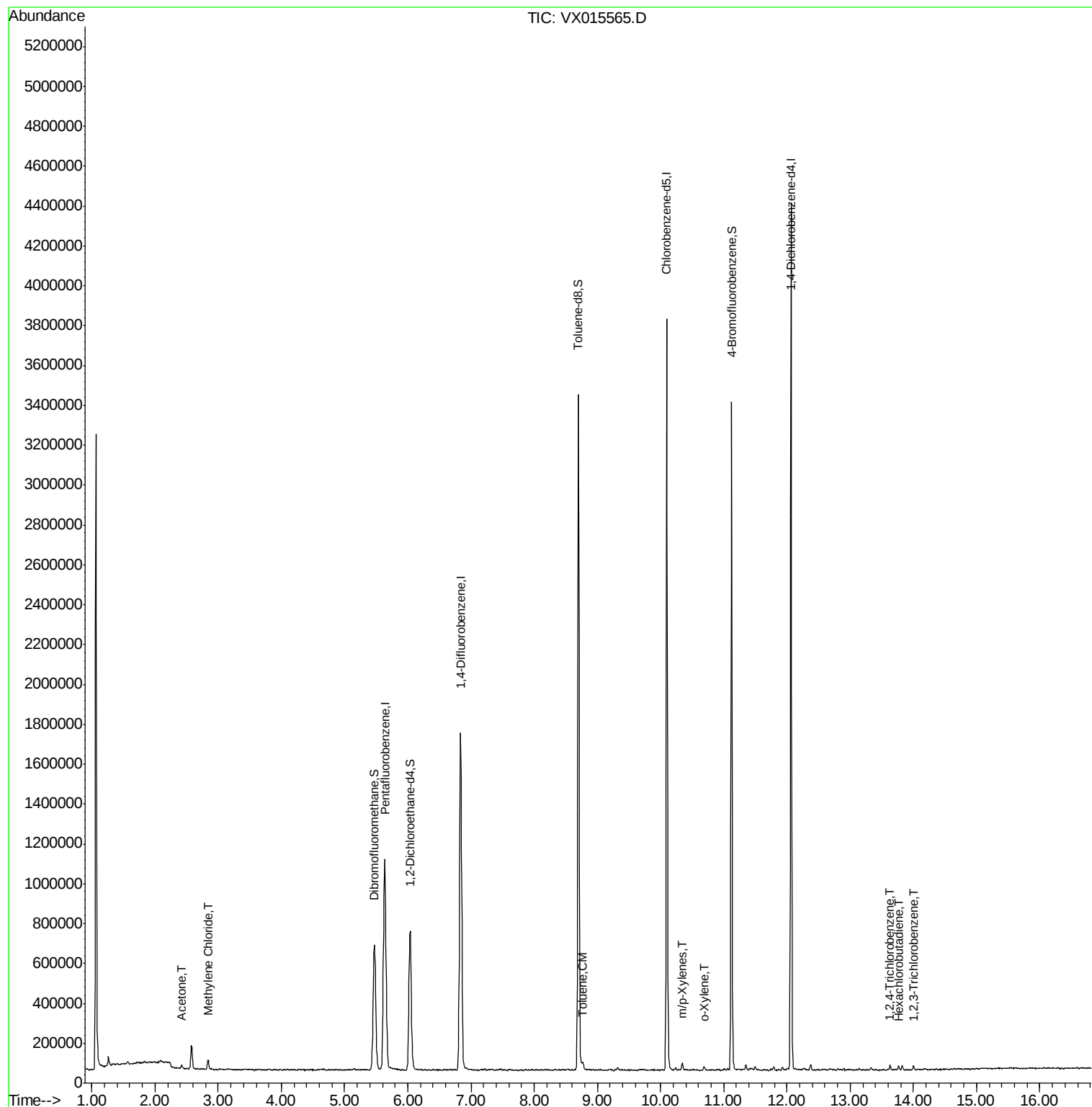
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1069860	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1692200	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1618489	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	884246	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	703290	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
35) Dibromofluoromethane	5.47	113	534906	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	8.70	98	2028300	50.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.86%	
62) 4-Bromofluorobenzene	11.12	95	883265	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	
Target Compounds						
16) Acetone	2.42	43	25555	3.942	ug/l #	87
20) Methylene Chloride	2.84	84	21549	1.780	ug/l	95
52) Toluene	8.77	92	12918	0.459	ug/l	95
68) m/p-Xylenes	10.34	106	8780	0.412	ug/l	97
69) o-Xylene	10.68	106	4796	0.228	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	6061	0.283	ug/l	97
94) Hexachlorobutadiene	13.77	225	3490	0.342	ug/l	81
96) 1,2,3-Trichlorobenzene	14.00	180	6251	0.303	ug/l	88

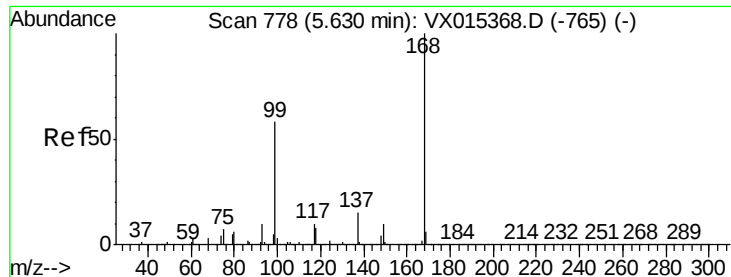
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 09 07:08:08 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: VX015565.D

Acq: 08 Apr 2020 13:46

Instrument :

MSVOA_X

ClientSampleId :

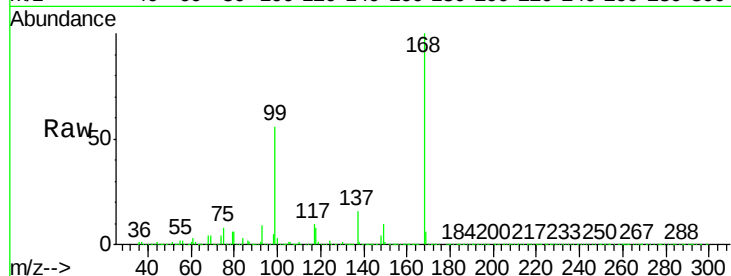
CBH-594

Tot Ion:168 Resp: 1069860

Ion Ratio Lower Upper

168 100

99 55.5 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

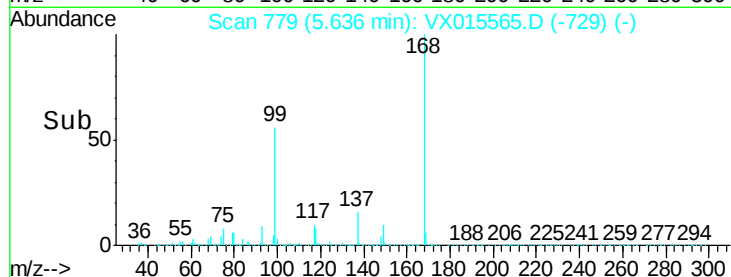
200000

100000

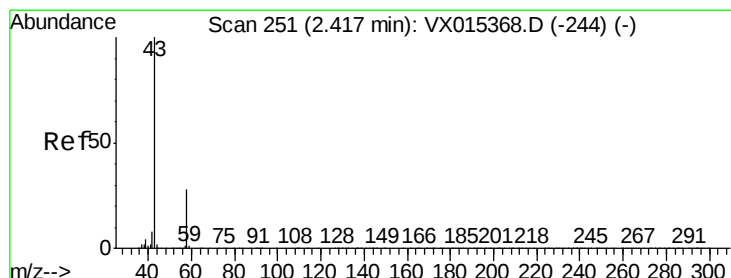
0

5.60

5.80



Time-->



#16

Acetone

Concen: 3.942 ug/l

RT: 2.42 min Scan# 251

Delta R.T. -0.00 min

Lab File: VX015565.D

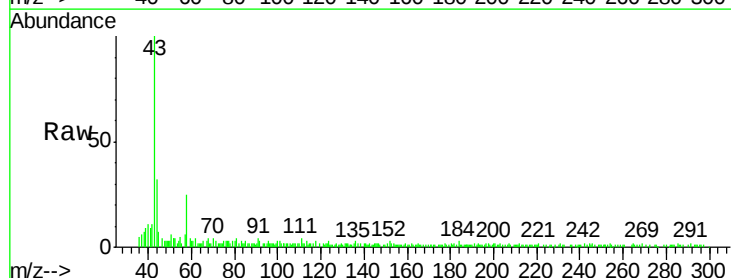
Acq: 08 Apr 2020 13:46

Tgt Ion: 43 Resp: 25555

Ion Ratio Lower Upper

43 100

58 20.8 22.1 33.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

15000

10000

5000

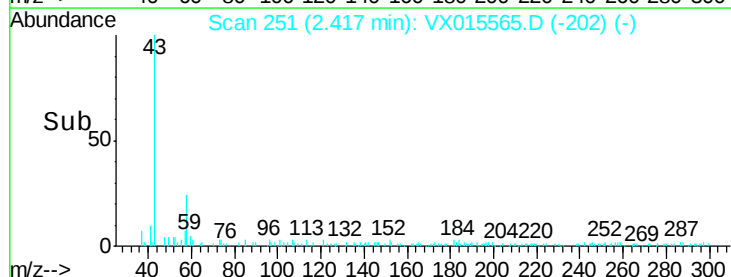
0

2.35

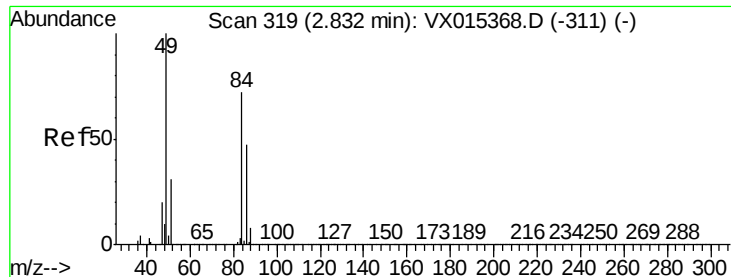
2.40

2.45

2.50



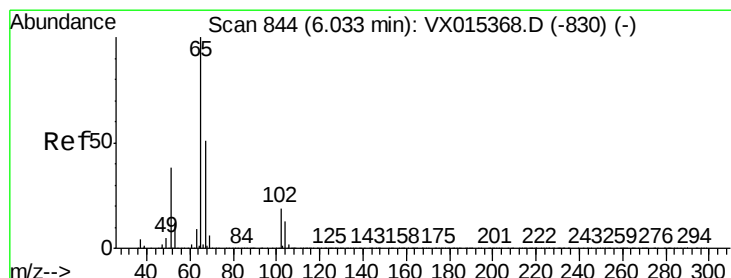
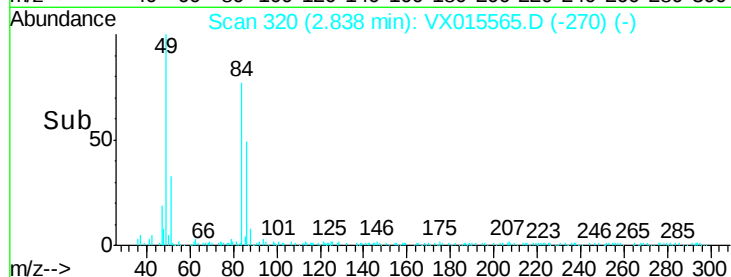
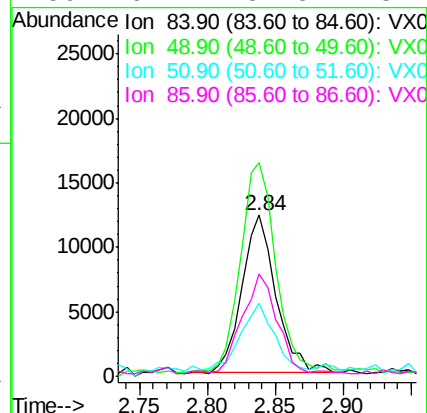
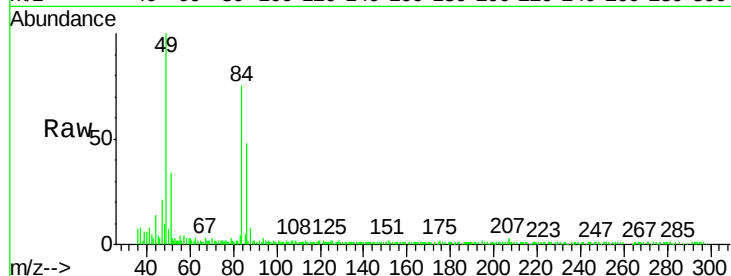
Time-->



#20
Methvlene Chloride
Concen: 1.780 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015565.D
Acq: 08 Apr 2020 13:46

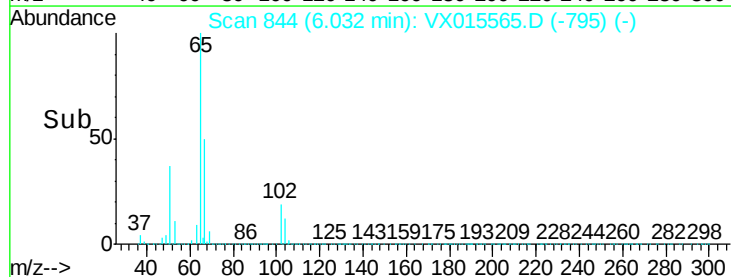
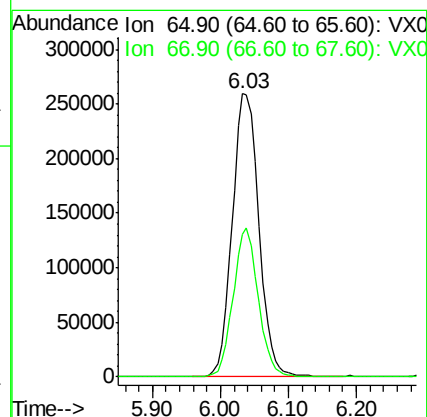
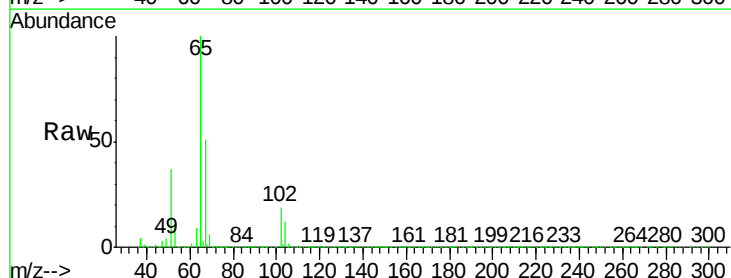
Instrument :
MSVOA_X
ClientSampleId :
CBH-594

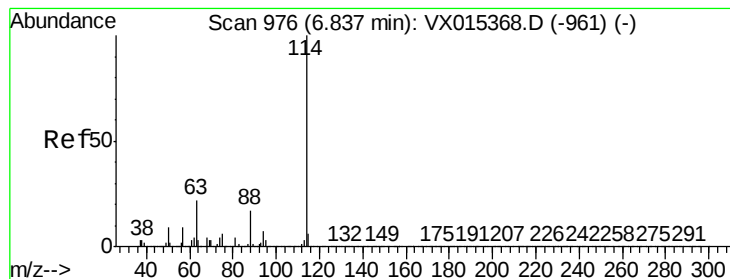
Tot Ion:	84	Resp:	21549
Ion	Ratio	Lower	Upper
84	100		
49	131.3	111.3	166.9
51	43.1	34.0	51.0
86	62.4	52.5	78.7



#33
1,2-Dichloroethane-d4
Concen: 46.609 ug/l
RT: 6.03 min Scan# 844
Delta R.T. -0.00 min
Lab File: VX015565.D
Acq: 08 Apr 2020 13:46

Tgt Ion:	65	Resp:	703290
Ion	Ratio	Lower	Upper
65	100		
67	49.3	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: VX015565.D

Acq: 08 Apr 2020 13:46

Instrument :

MSVOA_X

ClientSampleId :

CBH-594

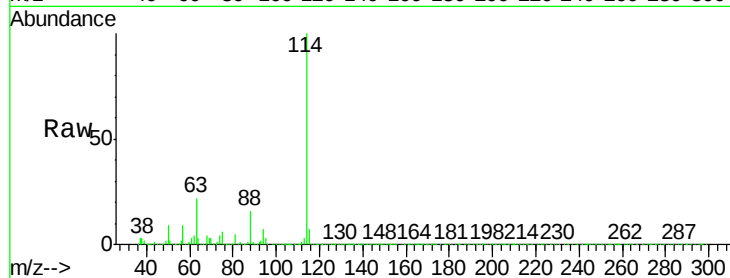
Tot Ion:114 Resp: 1692200

Ion Ratio Lower Upper

114 100

63 22.1 0.0 44.2

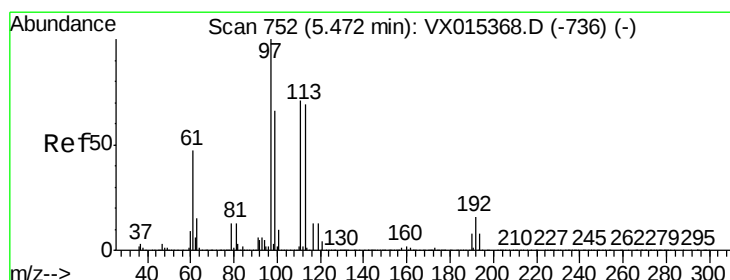
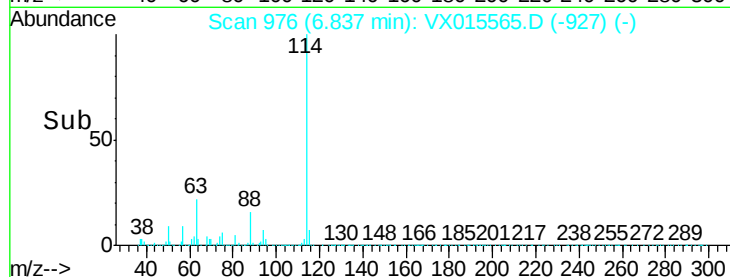
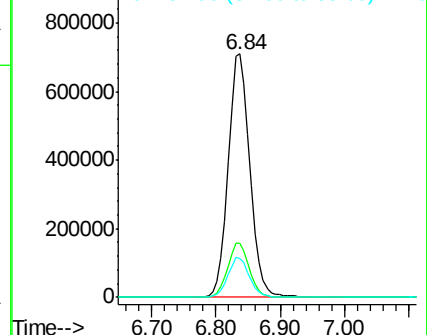
88 16.1 0.0 33.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.450 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015565.D

Acq: 08 Apr 2020 13:46

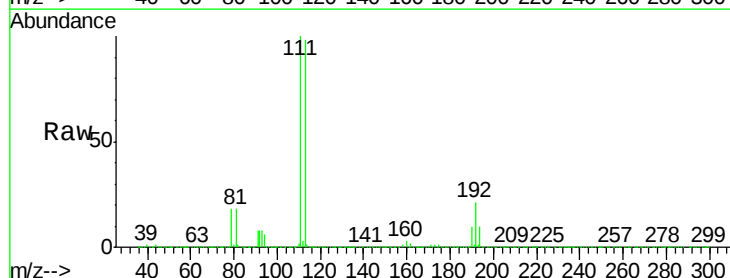
Tgt Ion:113 Resp: 534906

Ion Ratio Lower Upper

113 100

111 102.2 81.5 122.3

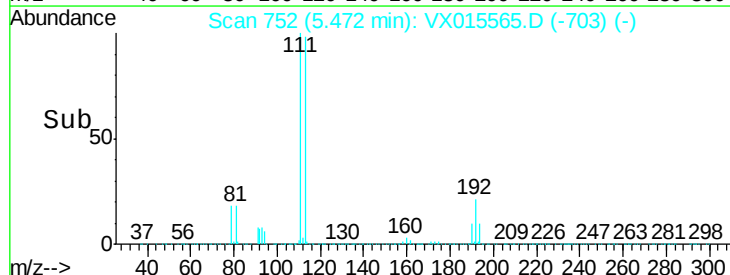
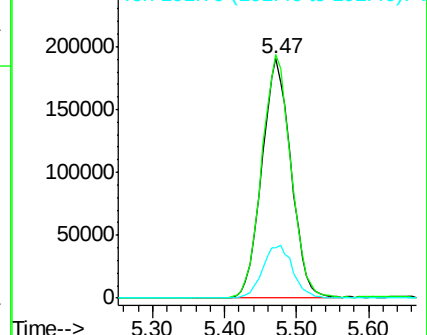
192 22.6 17.8 26.6

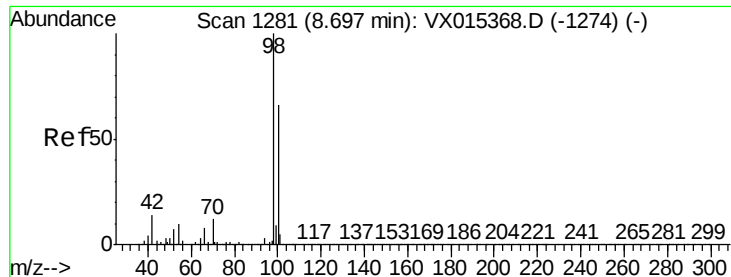


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.930 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015565.D

Acq: 08 Apr 2020 13:46

Instrument :

MSVOA_X

ClientSampled :

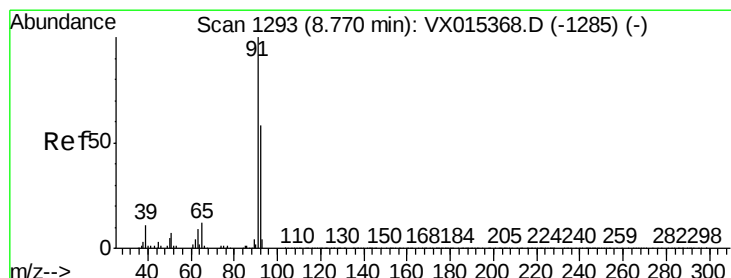
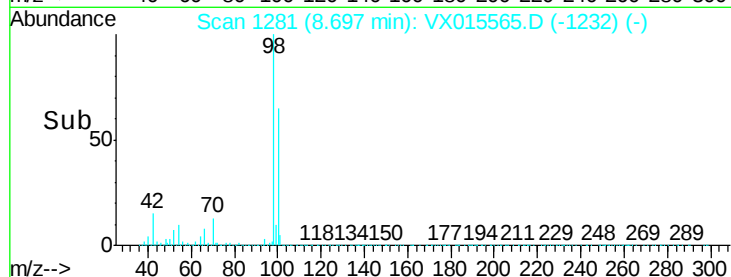
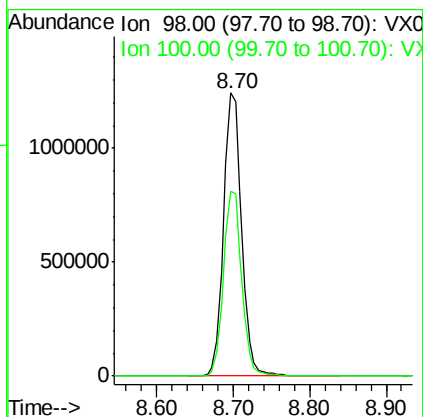
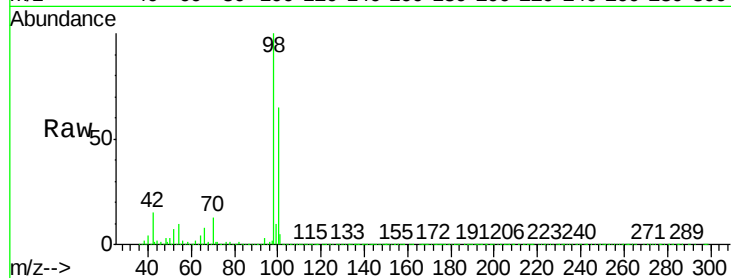
CBH-594

Tot Ion: 98 Resp: 2028300

Ion Ratio Lower Upper

98 100

100 66.0 53.5 80.3



#52

Toluene

Concen: 0.459 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015565.D

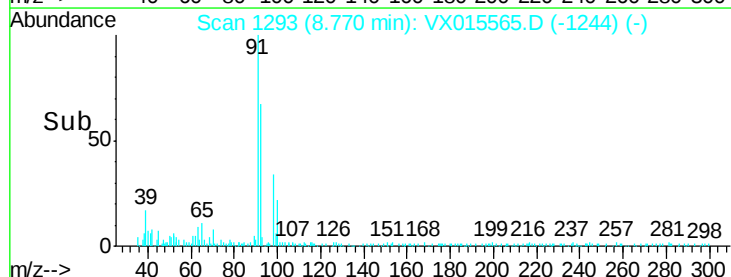
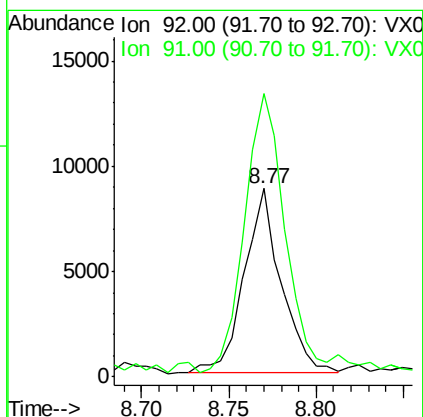
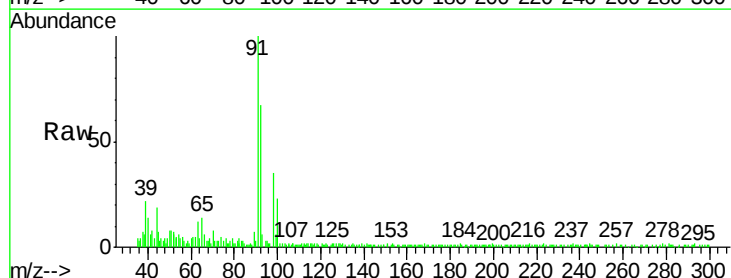
Acq: 08 Apr 2020 13:46

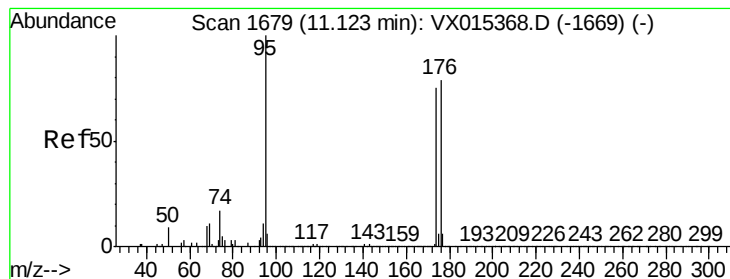
Tgt Ion: 92 Resp: 12918

Ion Ratio Lower Upper

92 100

91 163.4 136.6 205.0





#62

4-Bromofluorobenzene

Concen: 54.573 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015565.D

Acq: 08 Apr 2020 13:46

Instrument :

MSVOA_X

ClientSampled :

CBH-594

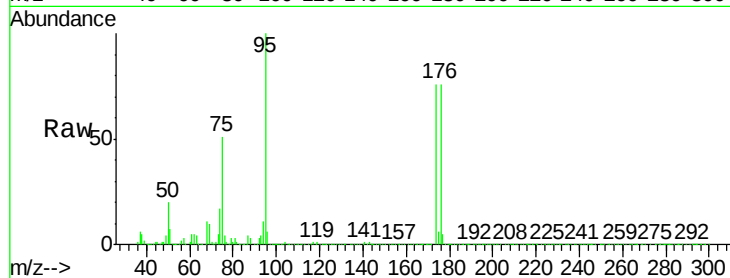
Tot Ion: 95 Resp: 883265

Ion Ratio Lower Upper

95 100

174 80.4 0.0 158.6

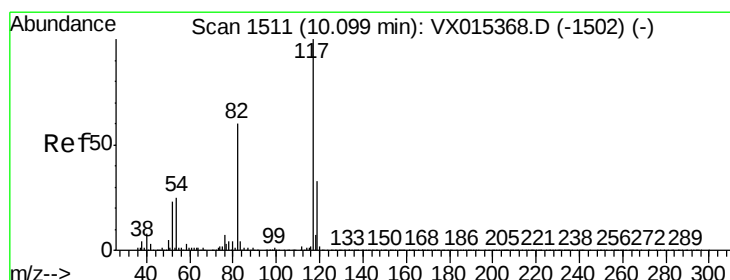
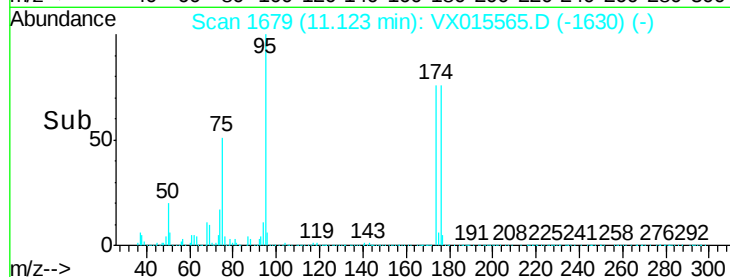
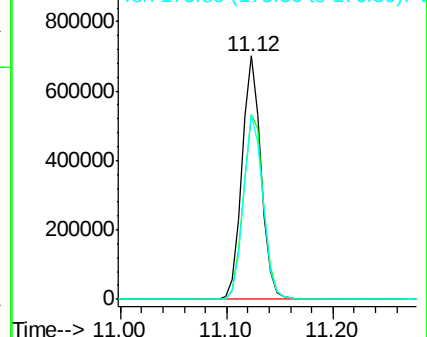
176 77.6 0.0 159.0



Abundance Ion 94.90 (94.60 to 95.60): VX015565.D (-1630) (-)

Ion 173.80 (173.50 to 174.50): VX015565.D (-1630) (-)

Ion 175.80 (175.50 to 176.50): VX015565.D (-1630) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015565.D

Acq: 08 Apr 2020 13:46

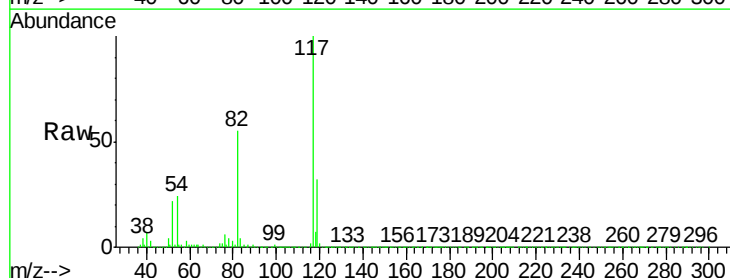
Tgt Ion: 117 Resp: 1618489

Ion Ratio Lower Upper

117 100

82 54.7 47.8 71.8

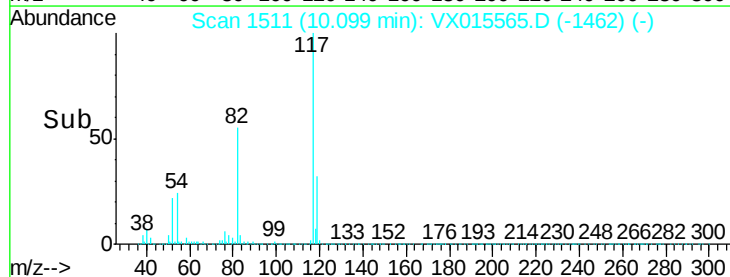
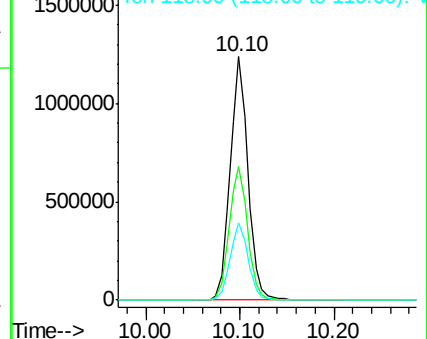
119 31.5 26.8 40.2

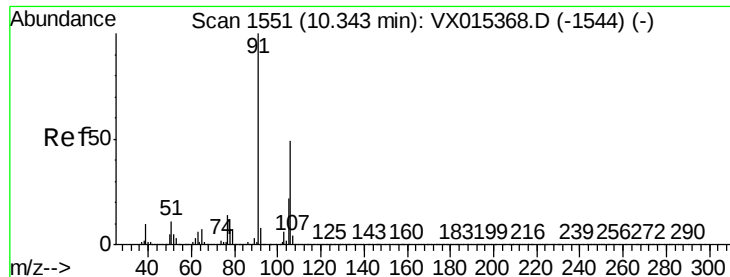


Abundance Ion 116.90 (116.60 to 117.60): VX015565.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX015565.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX015565.D (-1462) (-)





#68

m/p-Xvlenes

Concen: 0.412 ug/l

RT: 10.34 min Scan# 1551

Delta R.T. -0.00 min

Lab File: VX015565.D

Acq: 08 Apr 2020 13:46

Instrument :

MSVOA_X

ClientSampled :

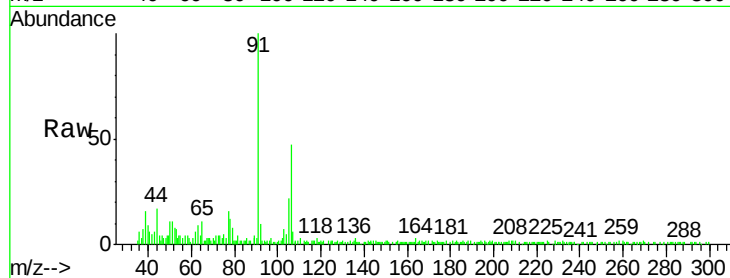
CBH-594

Tot Ion:106 Resp: 8780

Ion Ratio Lower Upper

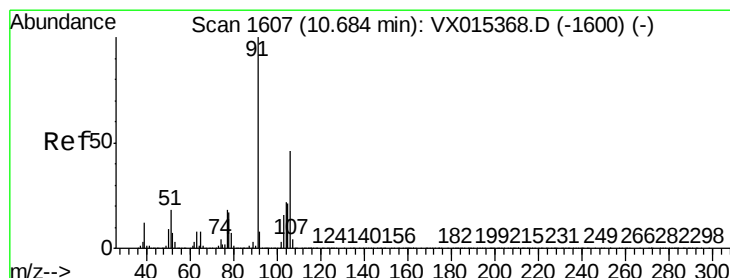
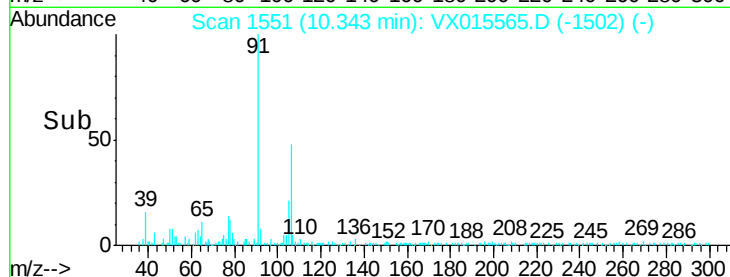
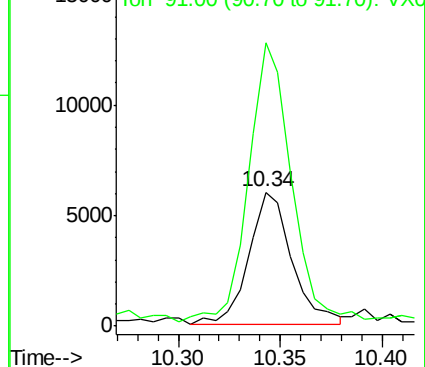
106 100

91 209.2 163.4 245.0



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#69

o-Xylene

Concen: 0.228 ug/l

RT: 10.68 min Scan# 1607

Delta R.T. -0.00 min

Lab File: VX015565.D

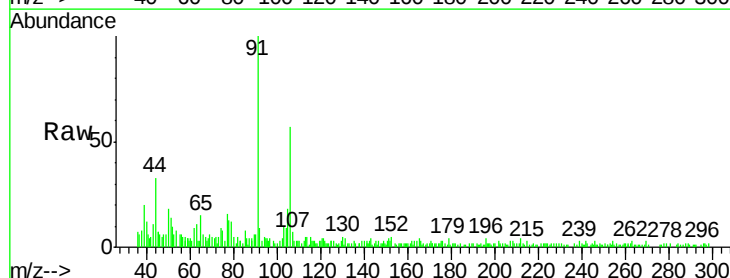
Acq: 08 Apr 2020 13:46

Tgt Ion:106 Resp: 4796

Ion Ratio Lower Upper

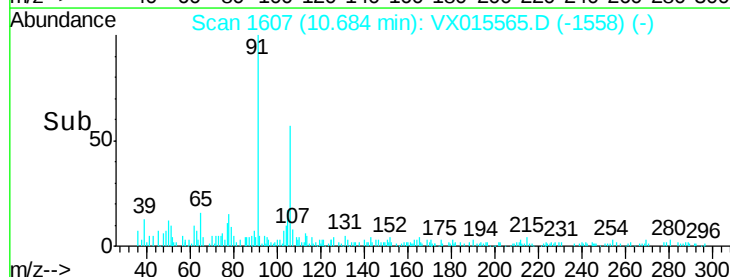
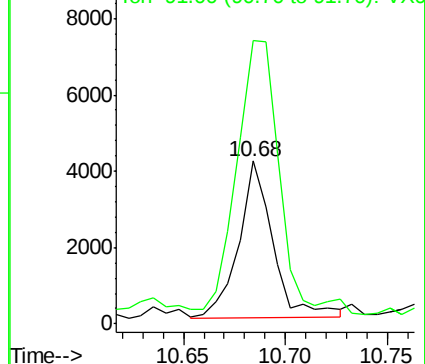
106 100

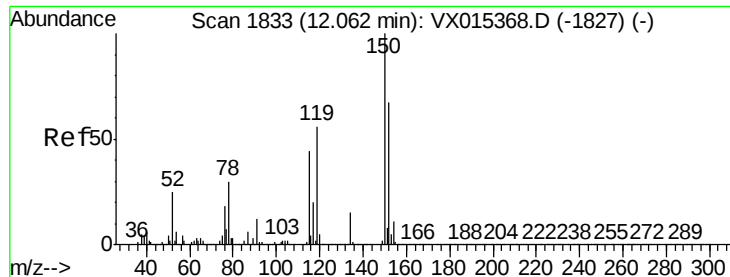
91 218.5 107.1 321.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VX015565.D

Acq: 08 Apr 2020 13:46

Instrument :

MSVOA_X

ClientSampled :

CBH-594

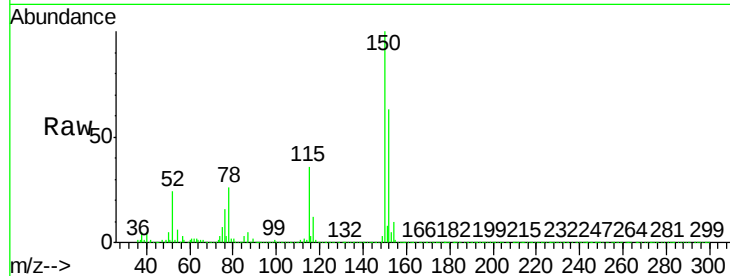
Tot Ion:152 Resp: 884246

Ion Ratio Lower Upper

152 100

115 57.2 39.0 116.9

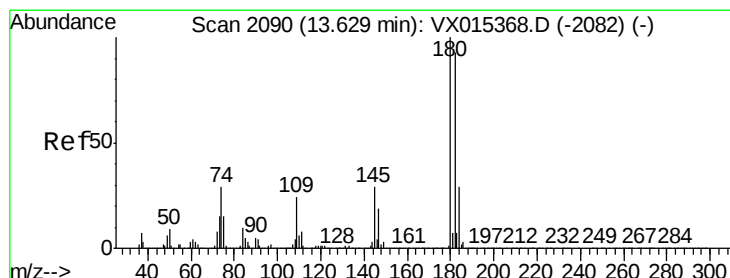
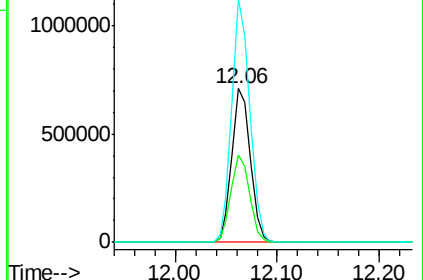
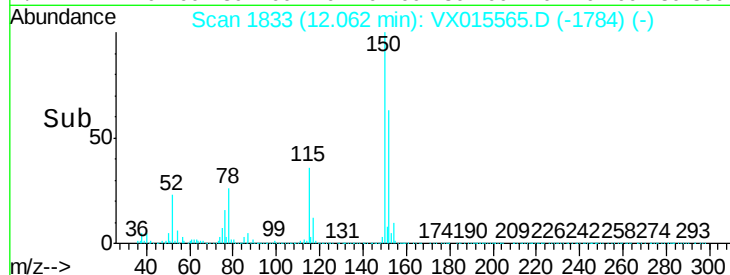
150 153.9 0.0 340.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#93

1,2,4-Trichlorobenzene

Concen: 0.283 ug/l

RT: 13.63 min Scan# 2090

Delta R.T. -0.00 min

Lab File: VX015565.D

Acq: 08 Apr 2020 13:46

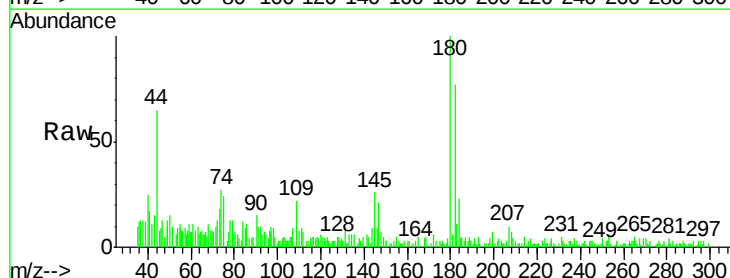
Tgt Ion:180 Resp: 6061

Ion Ratio Lower Upper

180 100

182 90.4 46.9 140.7

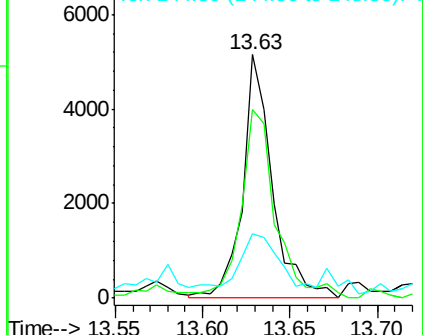
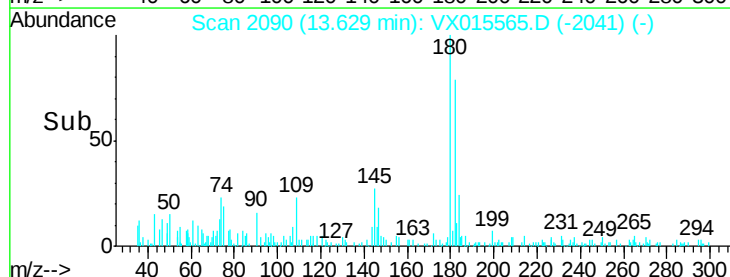
145 30.8 14.9 44.5

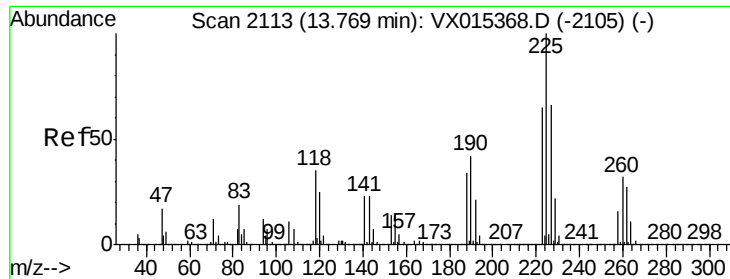


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

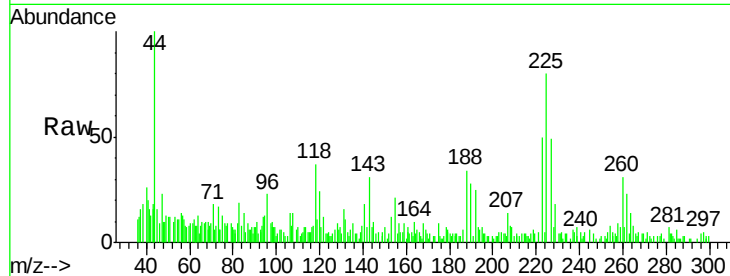




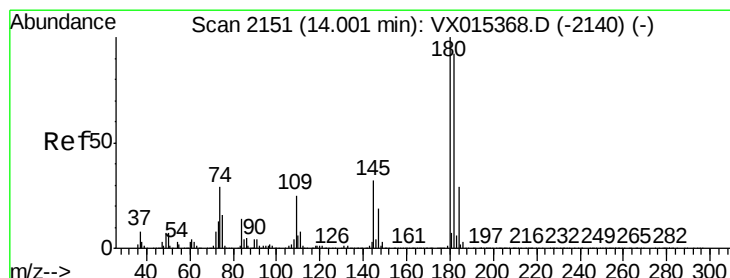
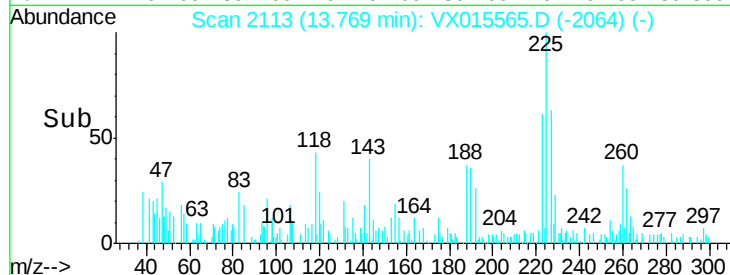
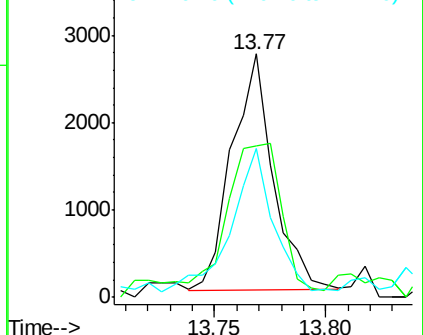
#94
Hexachlorobutadiene
Concen: 0.342 ug/l
RT: 13.77 min Scan# 2113
Delta R.T. -0.00 min
Lab File: VX015565.D
Acq: 08 Apr 2020 13:46

Instrument :
MSVOA_X
ClientSampleId :
CBH-594

Tot Ion:225 Resp: 3490
Ion Ratio Lower Upper
225 100
223 79.5 31.9 95.7
227 75.0 30.4 91.3

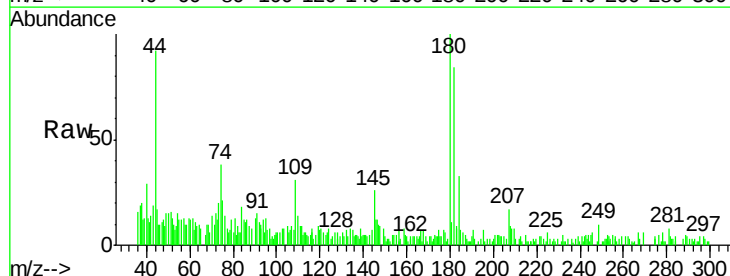


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#96
1,2,3-Trichlorobenzene
Concen: 0.303 ug/l
RT: 14.00 min Scan# 2151
Delta R.T. -0.00 min
Lab File: VX015565.D
Acq: 08 Apr 2020 13:46

Tgt Ion:180 Resp: 6251
Ion Ratio Lower Upper
180 100
182 80.4 46.7 140.0
145 27.7 15.8 47.3



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

