

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040720\
 Data File : VX015547.D
 Acq On : 07 Apr 2020 18:40
 Operator : JC/SP
 Sample : L2151-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CBH-591

Quant Time: Apr 08 03:51:31 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

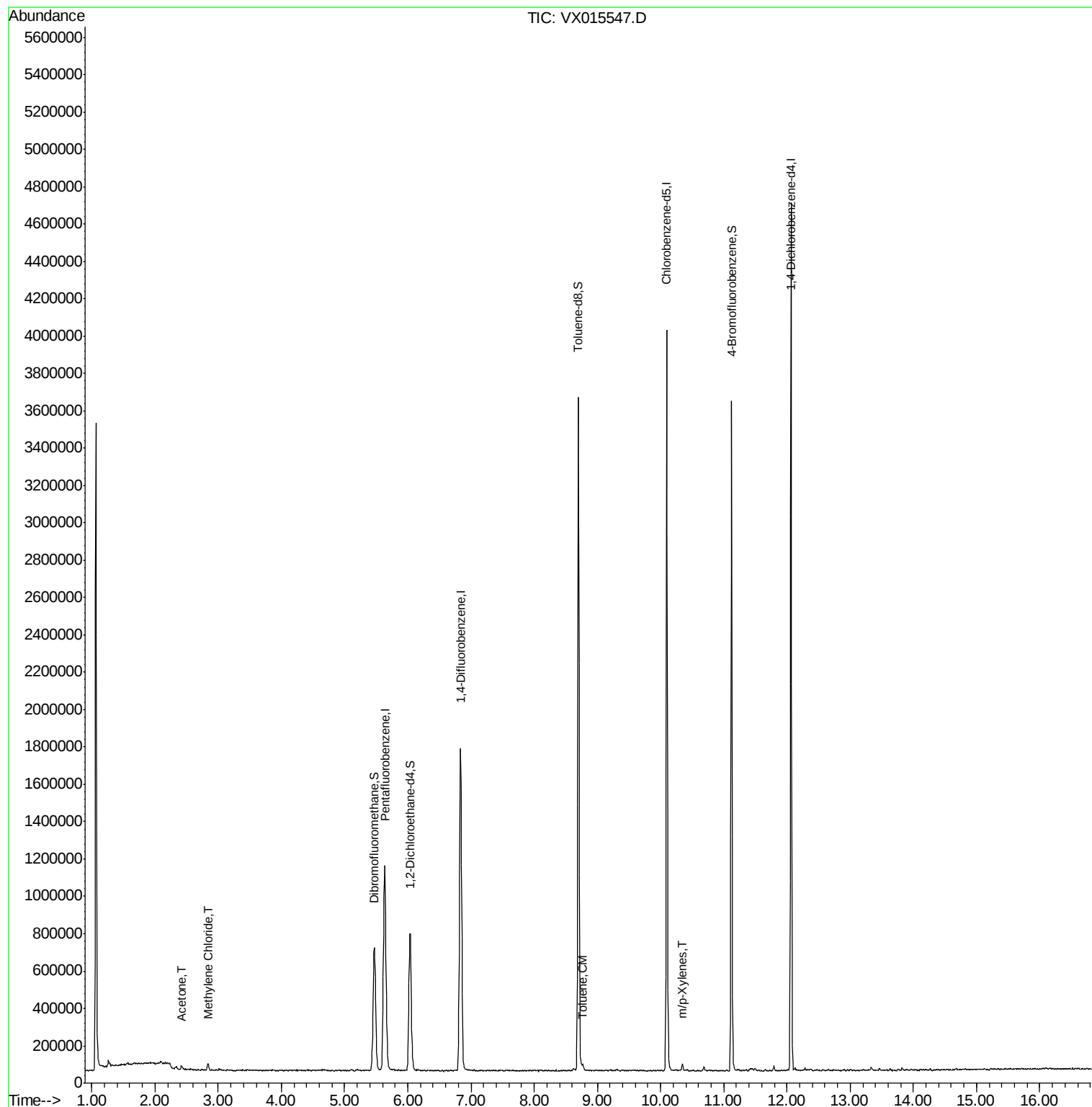
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1095194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1719568	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1675567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	912959	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	725094	46.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.88%	
35) Dibromofluoromethane	5.47	113	549755	50.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.02%	
50) Toluene-d8	8.70	98	2127366	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
62) 4-Bromofluorobenzene	11.12	95	927506	56.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.78%	
Target Compounds						
16) Acetone	2.42	43	24563	3.701	ug/l	94
20) Methylene Chloride	2.84	84	16740	1.350	ug/l	87
52) Toluene	8.77	92	10109	0.353	ug/l	93
68) m/p-Xylenes	10.35	106	9225	0.418	ug/l	97

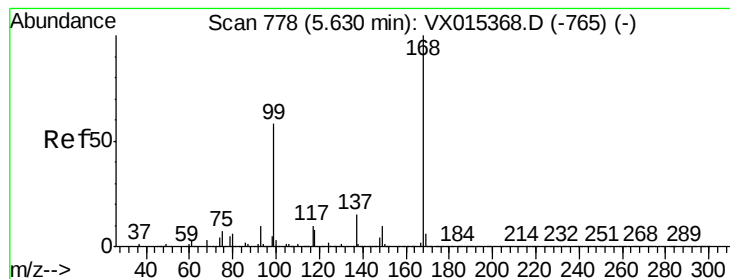
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 778

Delta R.T. -0.00 min

Lab File: VX015547.D

Acq: 07 Apr 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

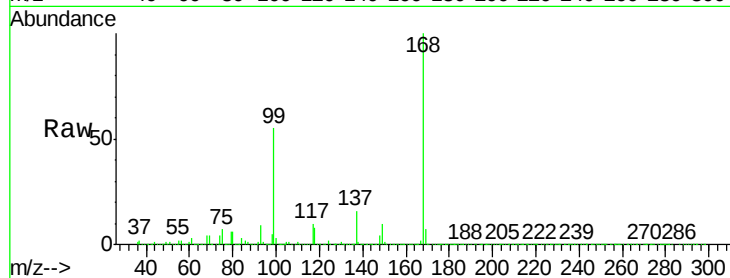
CBH-591

Tot Ion:168 Resp: 1095194

Ion Ratio Lower Upper

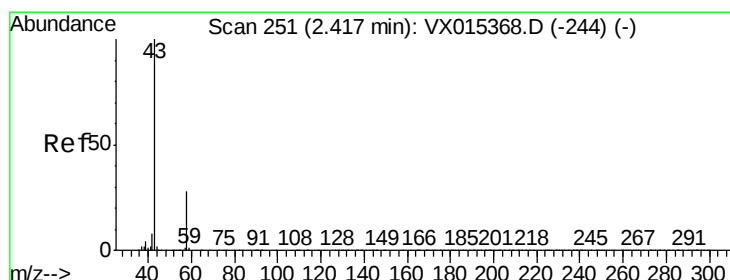
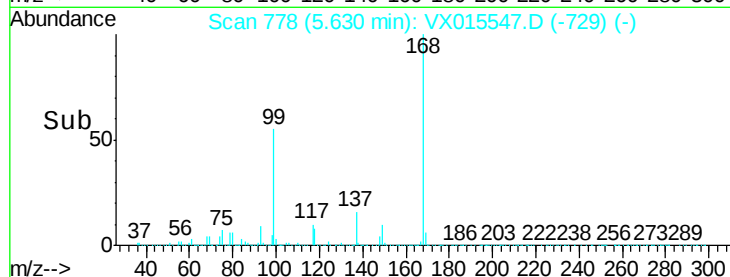
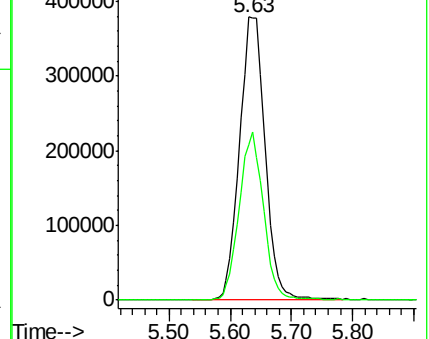
168 100

99 54.5 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.701 ug/l

RT: 2.42 min Scan# 252

Delta R.T. 0.01 min

Lab File: VX015547.D

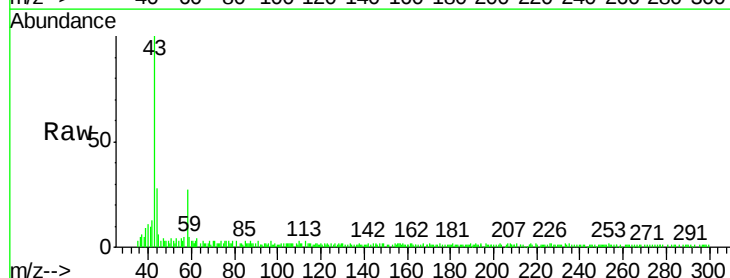
Acq: 07 Apr 2020 18:40

Tgt Ion: 43 Resp: 24563

Ion Ratio Lower Upper

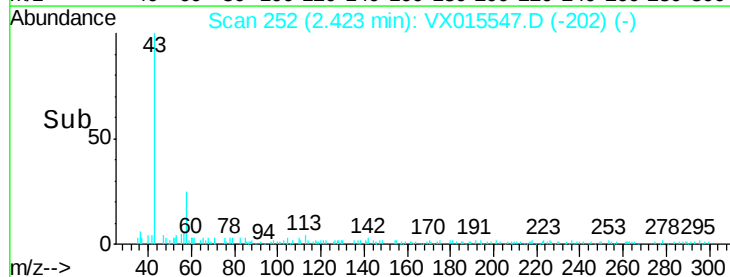
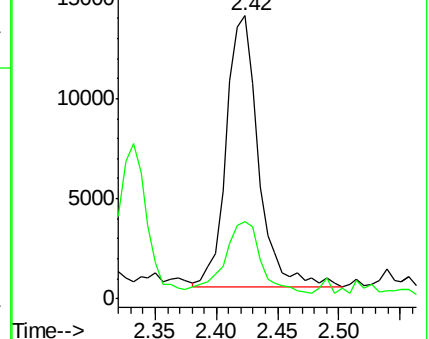
43 100

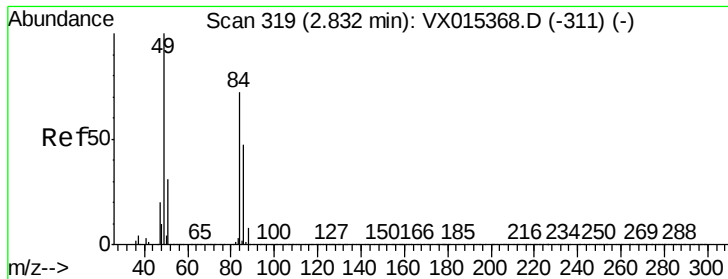
58 24.3 22.1 33.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

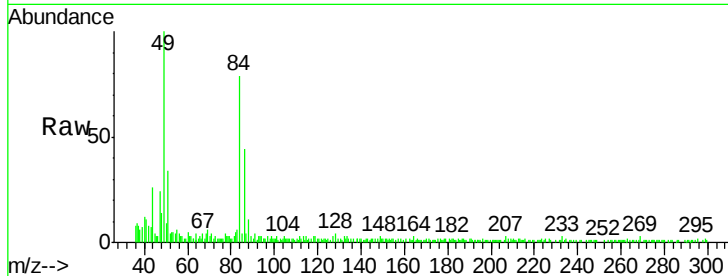




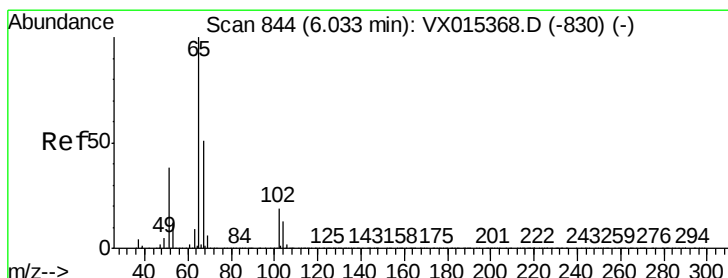
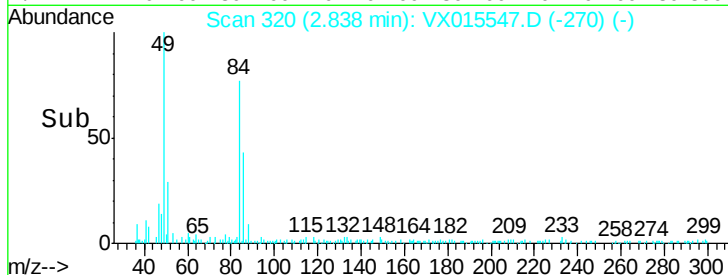
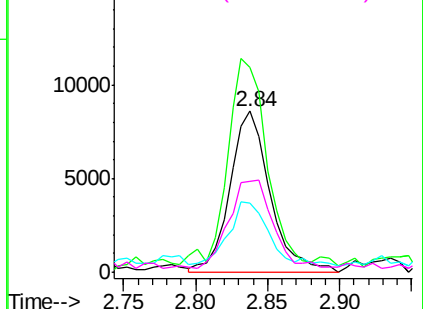
#20
Methvlene Chloride
Concen: 1.350 ug/l
RT: 2.84 min Scan# 320
Delta R.T. 0.01 min
Lab File: VX015547.D
Acq: 07 Apr 2020 18:40

Instrument :
MSVOA_X
ClientSampleId :
CBH-591

Tot Ion:	84	Resp:	16740
Ion	Ratio	Lower	Upper
84	100		
49	123.0	111.3	166.9
51	39.0	34.0	51.0
86	53.2	52.5	78.7

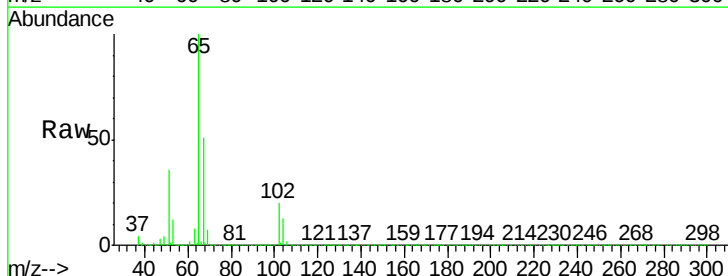


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

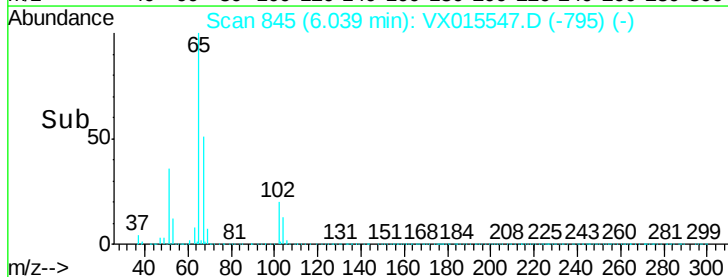
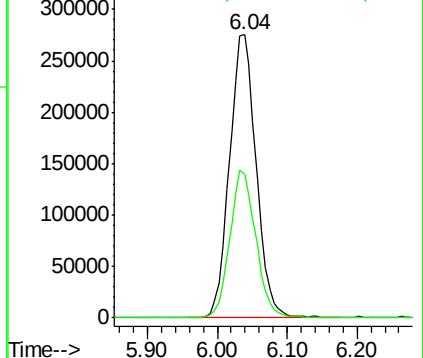


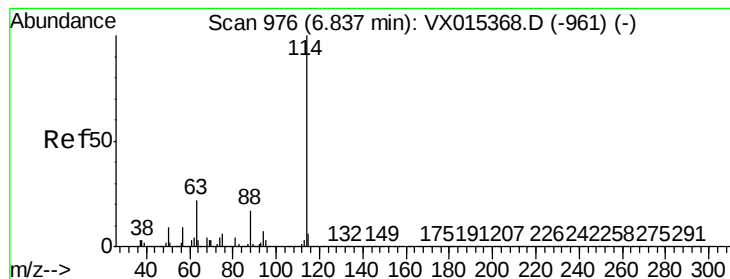
#33
1,2-Dichloroethane-d4
Concen: 46.942 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015547.D
Acq: 07 Apr 2020 18:40

Tgt Ion:	65	Resp:	725094
Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 976

Delta R.T. -0.00 min

Lab File: VX015547.D

Acq: 07 Apr 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

CBH-591

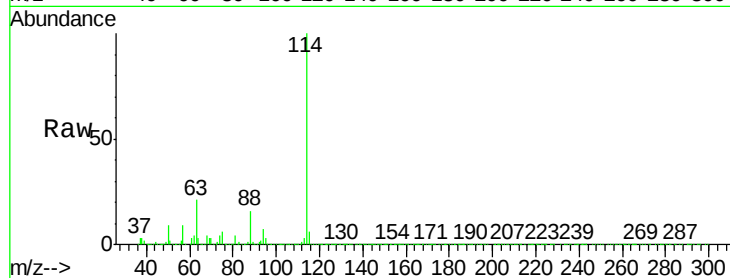
Tot Ion:114 Resp: 1719568

Ion Ratio Lower Upper

114 100

63 21.3 0.0 44.2

88 16.4 0.0 33.8



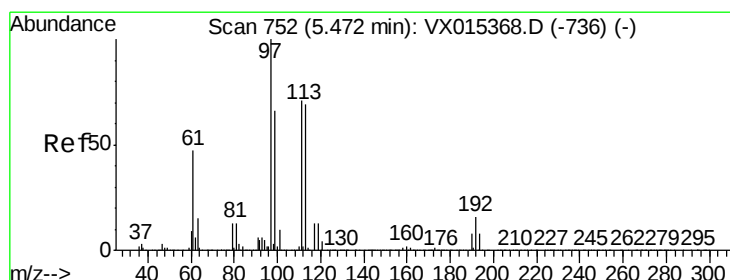
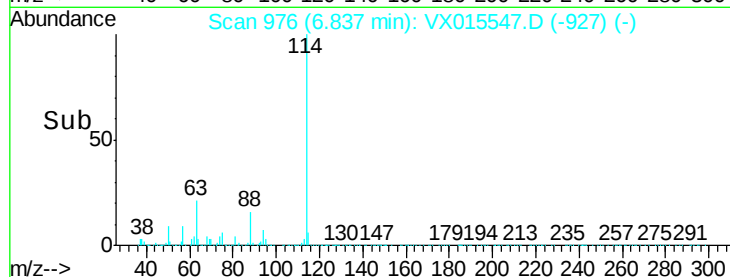
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.84

Time-->



#35

Dibromofluoromethane

Concen: 50.014 ug/l

RT: 5.47 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX015547.D

Acq: 07 Apr 2020 18:40

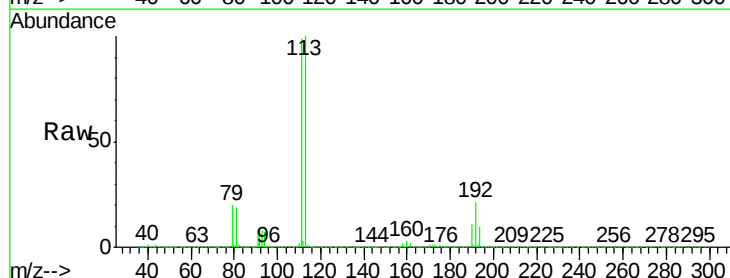
Tgt Ion:113 Resp: 549755

Ion Ratio Lower Upper

113 100

111 101.6 81.5 122.3

192 22.8 17.8 26.6



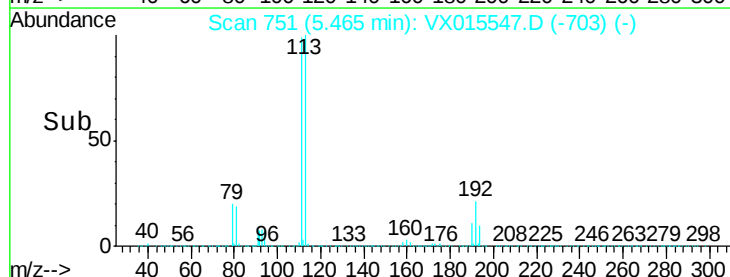
Abundance Ion 112.80 (112.50 to 113.50): V

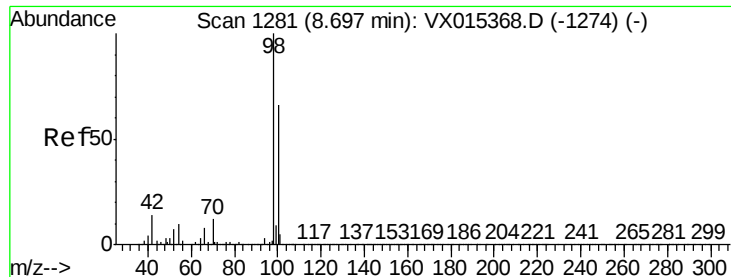
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

5.47

Time-->





#50

Toluene-d8

Concen: 52.567 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015547.D

Acq: 07 Apr 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

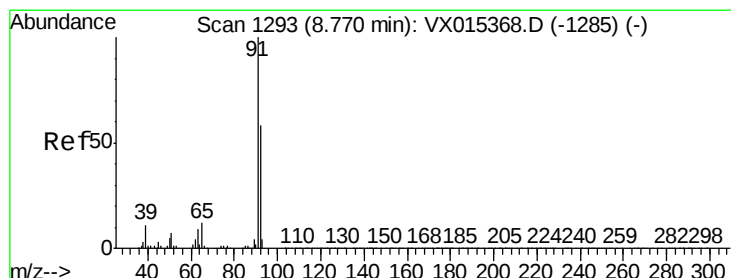
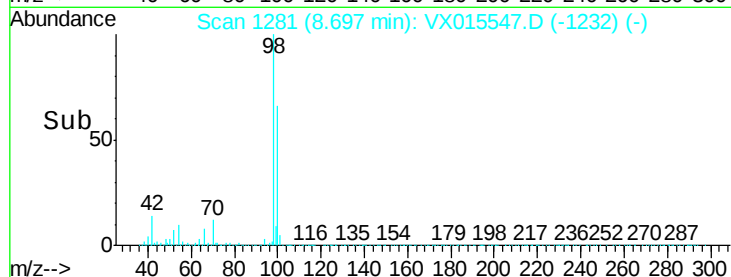
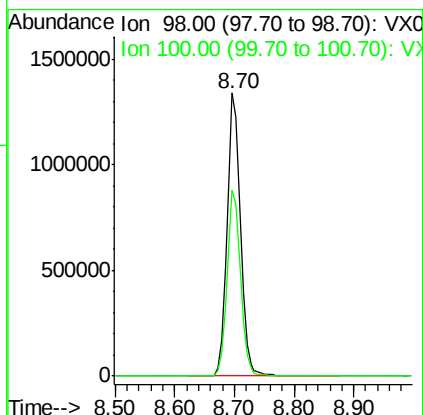
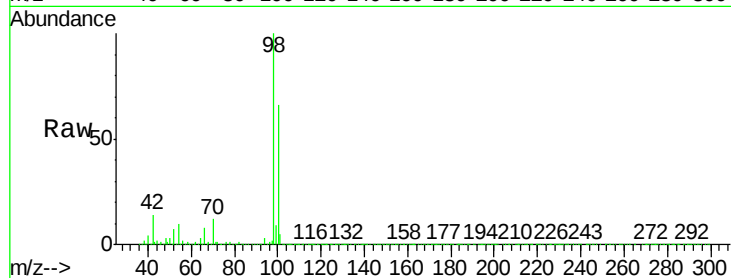
CBH-591

Tot Ion: 98 Resp: 2127366

Ion Ratio Lower Upper

98 100

100 66.1 53.5 80.3



#52

Toluene

Concen: 0.353 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015547.D

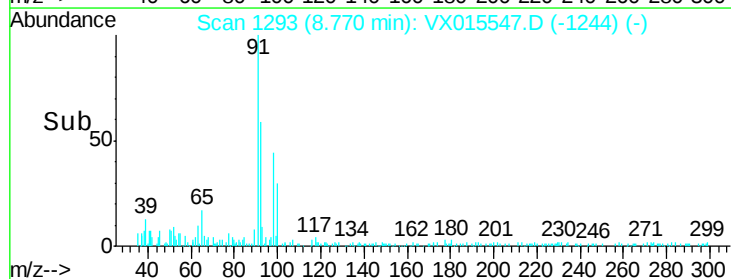
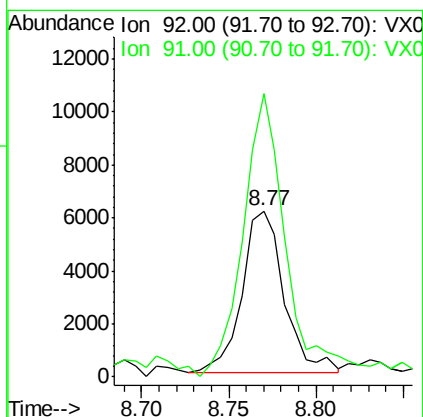
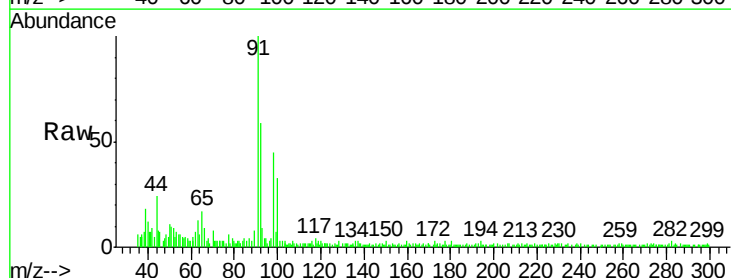
Acq: 07 Apr 2020 18:40

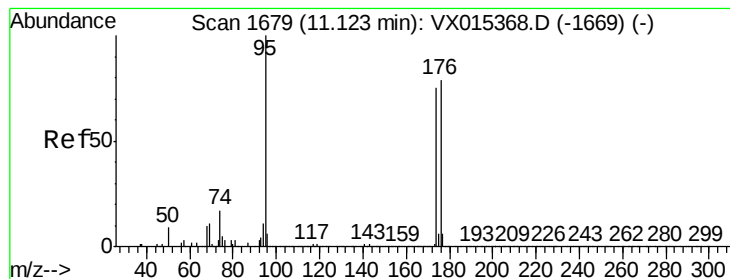
Tgt Ion: 92 Resp: 10109

Ion Ratio Lower Upper

92 100

91 181.1 136.6 205.0





#62

4-Bromofluorobenzene

Concen: 56.394 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015547.D

Acq: 07 Apr 2020 18:40

Instrument :

MSVOA_X

ClientSampled :

CBH-591

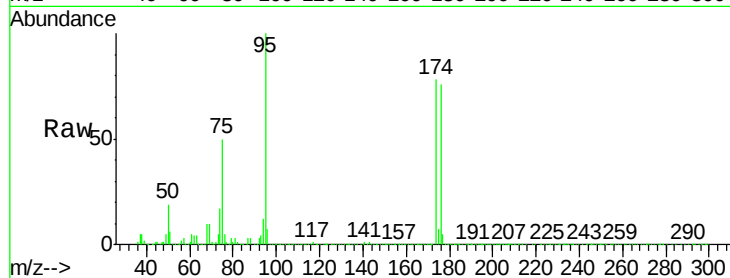
Tot Ion: 95 Resp: 927506

Ion Ratio Lower Upper

95 100

174 80.8 0.0 158.6

176 78.5 0.0 159.0

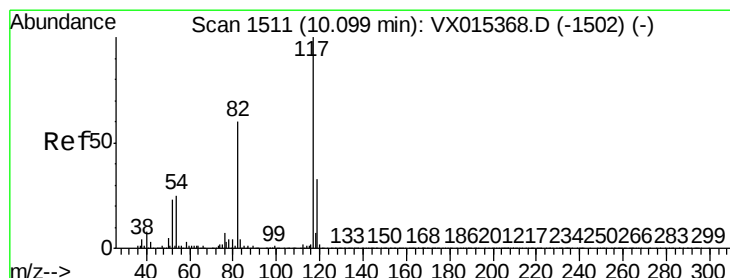
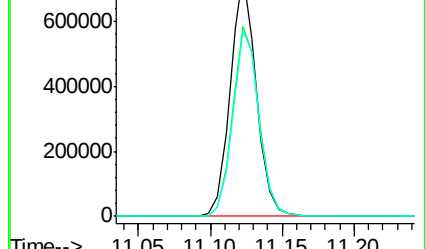
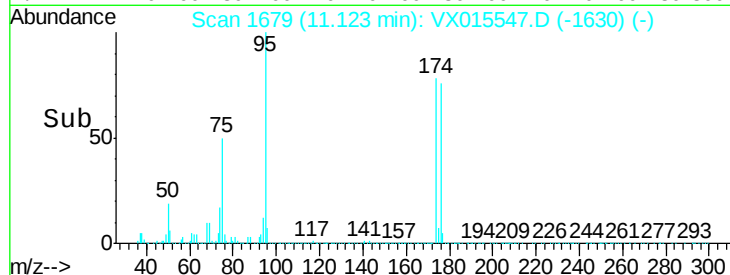


Abundance Ion 94.90 (94.60 to 95.60): VX015368.D (-1669) (-)

Ion 173.80 (173.50 to 174.50): VX015368.D (-1669) (-)

Ion 175.80 (175.50 to 176.50): VX015368.D (-1669) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1511

Delta R.T. -0.00 min

Lab File: VX015547.D

Acq: 07 Apr 2020 18:40

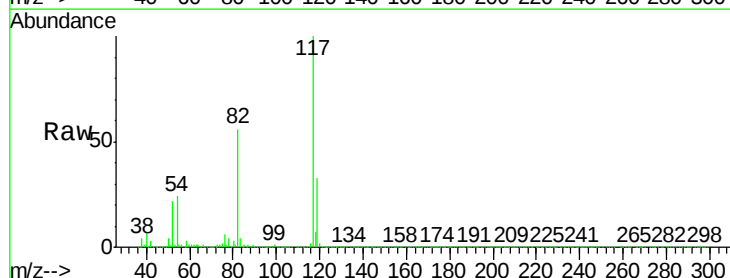
Tgt Ion: 117 Resp: 1675567

Ion Ratio Lower Upper

117 100

82 56.0 47.8 71.8

119 32.7 26.8 40.2

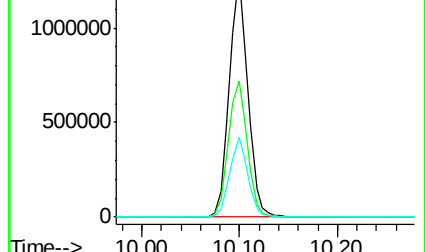
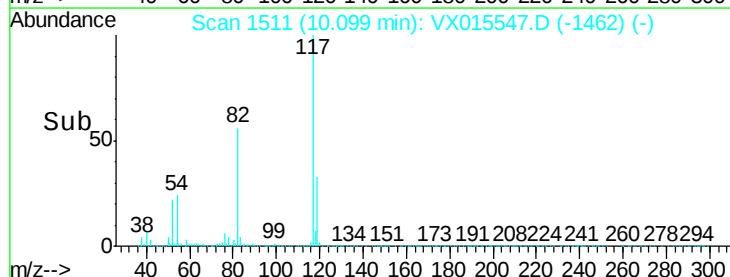


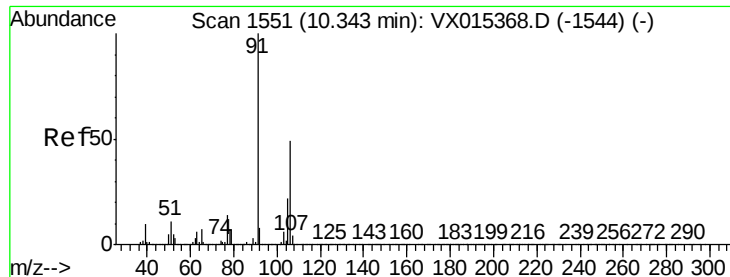
Abundance Ion 116.90 (116.60 to 117.60): VX015368.D (-1502) (-)

Ion 82.00 (81.70 to 82.70): VX015368.D (-1502) (-)

Ion 118.90 (118.60 to 119.60): VX015368.D (-1502) (-)

Time-->





#68

m/p-Xvlenes

Concen: 0.418 ug/l

RT: 10.35 min Scan# 1552

Delta R.T. 0.01 min

Lab File: VX015547.D

Acq: 07 Apr 2020 18:40

Instrument :

MSVOA_X

ClientSampleId :

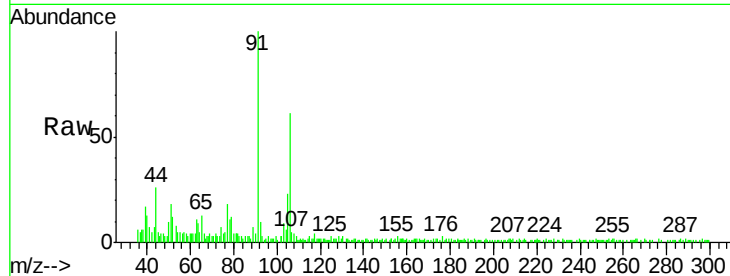
CBH-591

Tot Ion:106 Resp: 9225

Ion Ratio Lower Upper

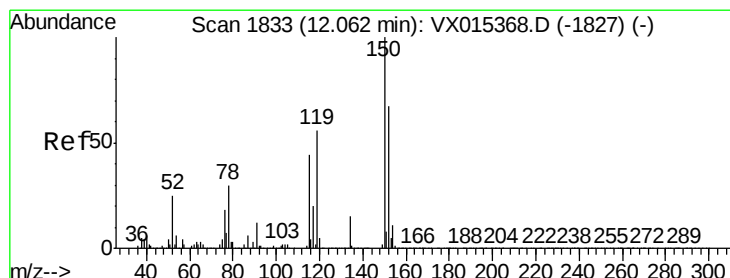
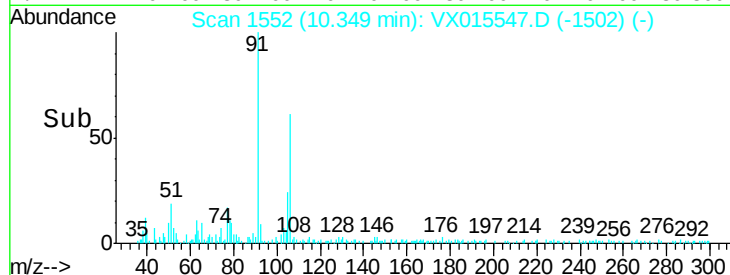
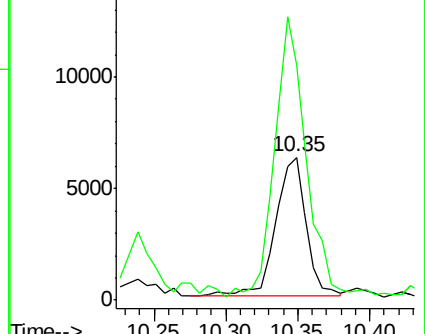
106 100

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1834

Delta R.T. 0.01 min

Lab File: VX015547.D

Acq: 07 Apr 2020 18:40

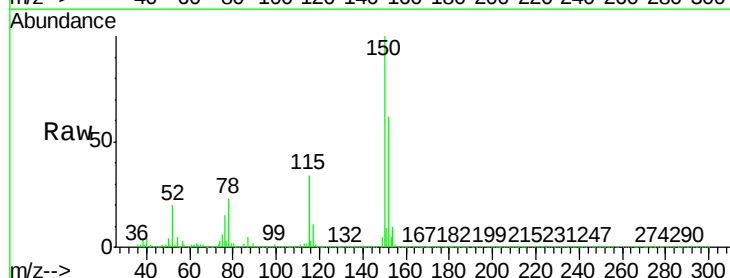
Tgt Ion:152 Resp: 912959

Ion Ratio Lower Upper

152 100

115 59.8 39.0 116.9

150 161.6 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

