

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040720\
 Data File : VX015546.D
 Acq On : 07 Apr 2020 18:18
 Operator : JC/SP
 Sample : L2151-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CBH-139

Quant Time: Apr 08 03:49:26 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

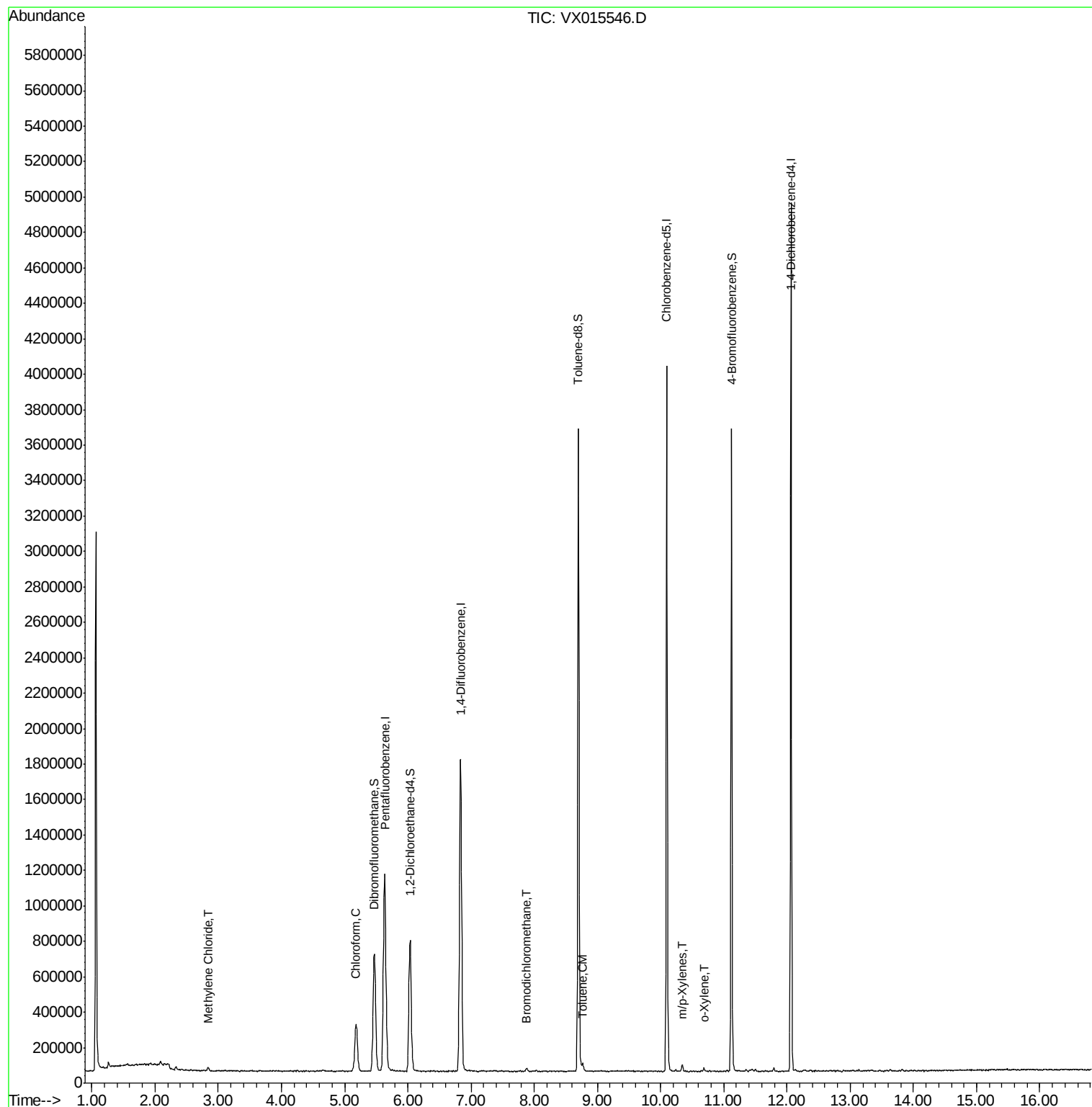
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1090077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1777180	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1710494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	942544	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	733924	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
35) Dibromofluoromethane	5.47	113	558139	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
50) Toluene-d8	8.70	98	2100165	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.12	95	938911	55.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.48%	
Target Compounds						
20) Methylene Chloride	2.84	84	10107	0.819	ug/l	94
30) Chloroform	5.18	83	315527	14.618	ug/l	95
47) Bromodichloromethane	7.88	83	16302	0.889	ug/l	97
52) Toluene	8.77	92	14487	0.490	ug/l	92
68) m/p-Xylenes	10.34	106	9954	0.442	ug/l	97
69) o-Xylene	10.68	106	7265	0.326	ug/l	67

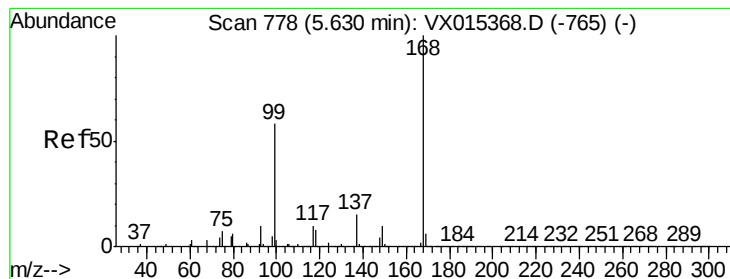
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015546.D

Acq: 07 Apr 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

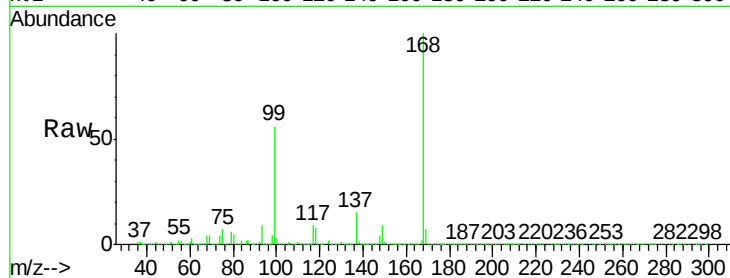
CBH-139

Tot Ion:168 Resp: 1090077

Ion Ratio Lower Upper

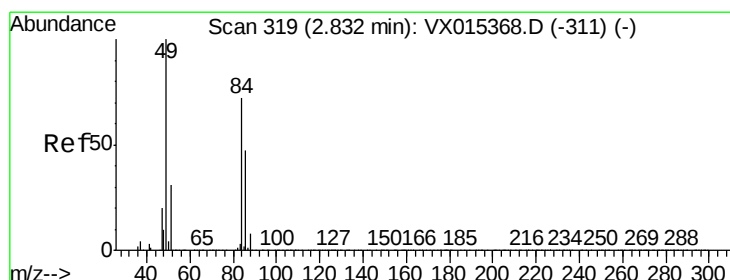
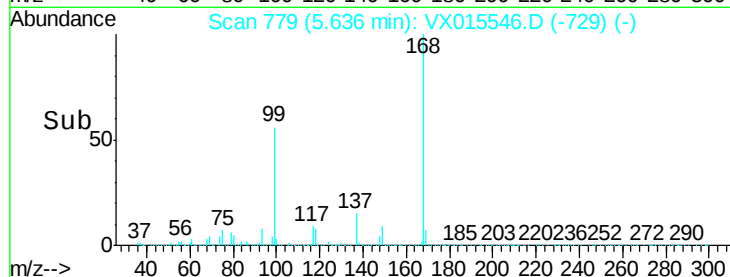
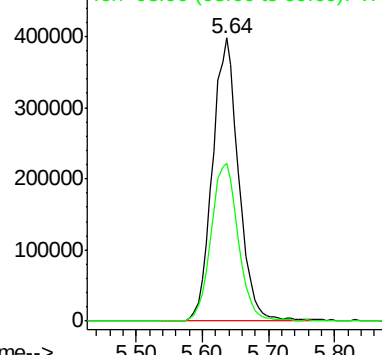
168 100

99 55.9 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#20

Methylene Chloride

Concen: 0.819 ug/l

RT: 2.84 min Scan# 320

Delta R.T. 0.01 min

Lab File: VX015546.D

Acq: 07 Apr 2020 18:18

Tgt Ion: 84 Resp: 10107

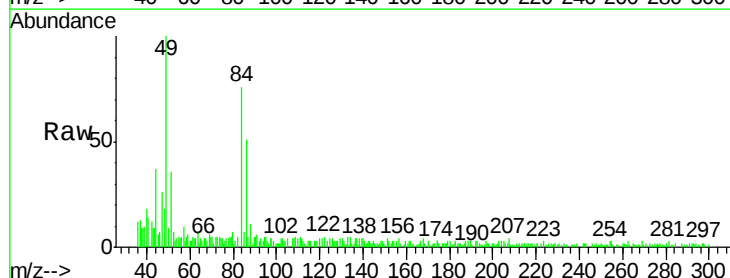
Ion Ratio Lower Upper

84 100

49 128.7 111.3 166.9

51 39.3 34.0 51.0

86 64.4 52.5 78.7

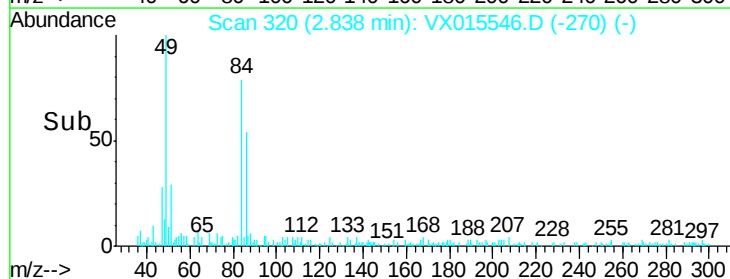
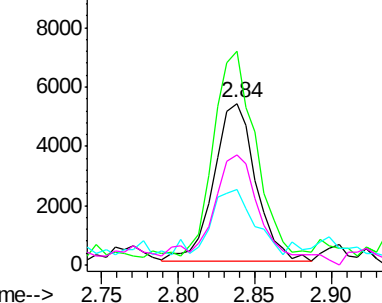


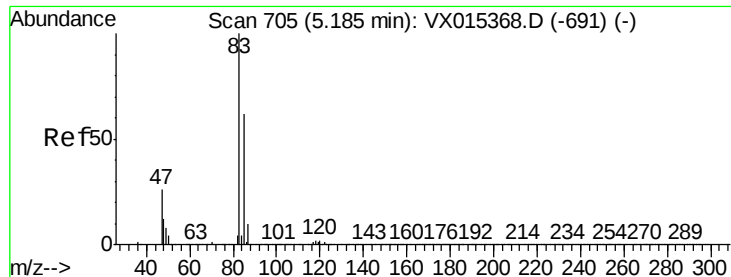
Abundance Ion 83.90 (83.60 to 84.60): VX0

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

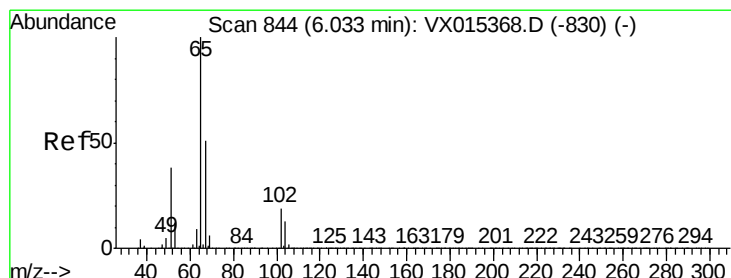
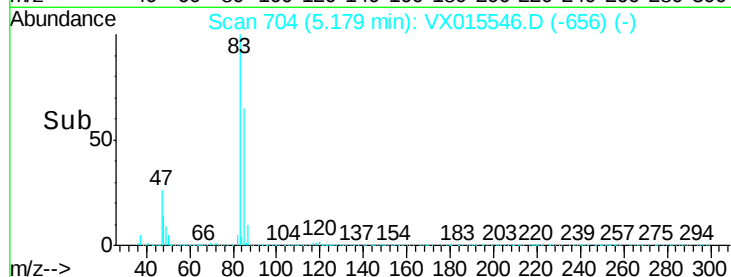
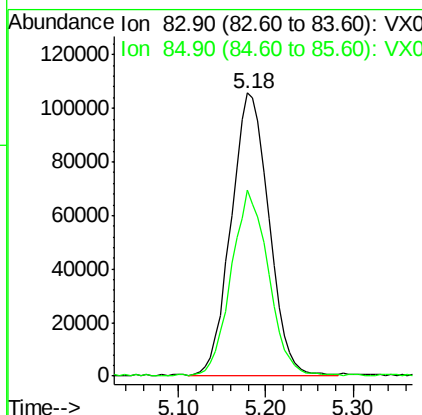
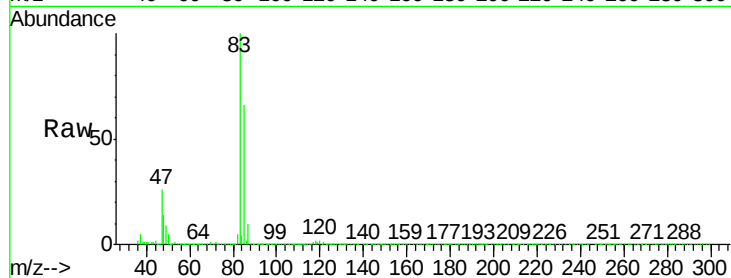




#30
Chloroform
Concen: 14.618 ug/l
RT: 5.18 min Scan# 704
Delta R.T. -0.01 min
Lab File: VX015546.D
Acq: 07 Apr 2020 18:18

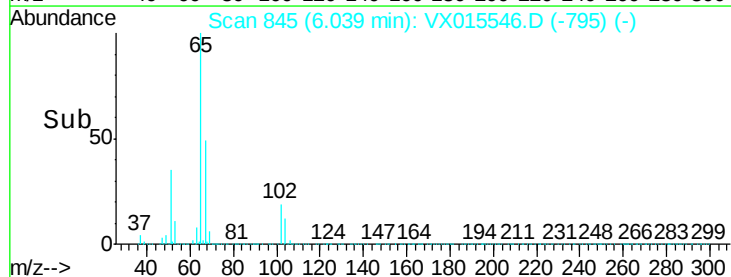
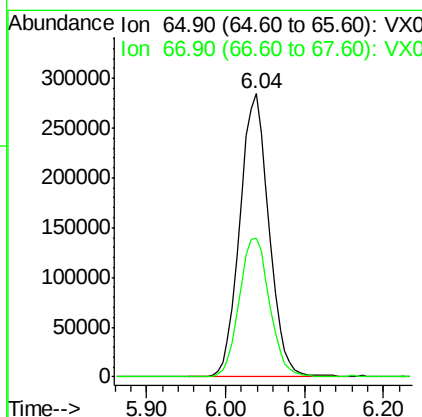
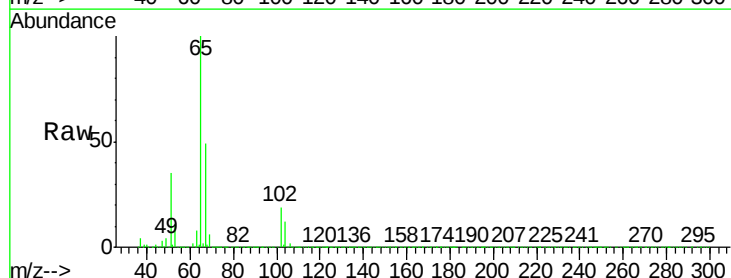
Instrument :
MSVOA_X
ClientSampleId :
CBH-139

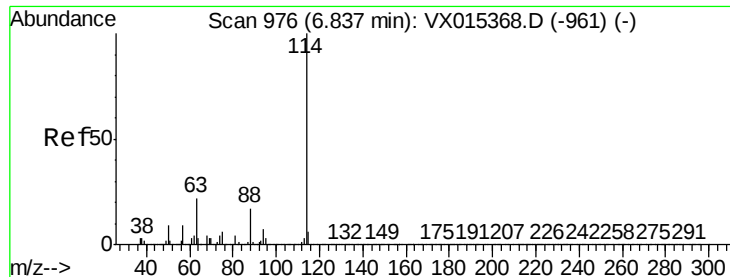
Tot Ion: 83 Resp: 315527
Ion Ratio Lower Upper
83 100
85 65.4 49.5 74.3



#33
1,2-Dichloroethane-d4
Concen: 47.737 ug/l
RT: 6.04 min Scan# 845
Delta R.T. 0.01 min
Lab File: VX015546.D
Acq: 07 Apr 2020 18:18

Tgt Ion: 65 Resp: 733924
Ion Ratio Lower Upper
65 100
67 50.6 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 975

Delta R.T. -0.01 min

Lab File: VX015546.D

Acq: 07 Apr 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

CBH-139

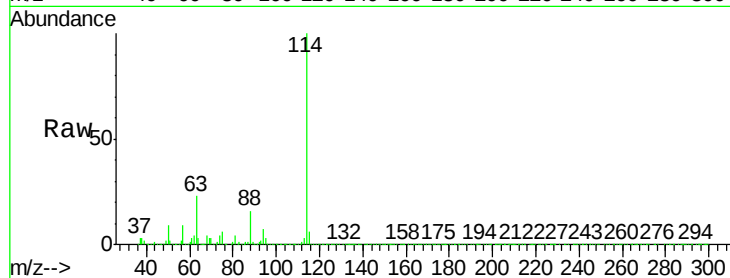
Tot Ion:114 Resp: 1777180

Ion Ratio Lower Upper

114 100

63 22.6 0.0 44.2

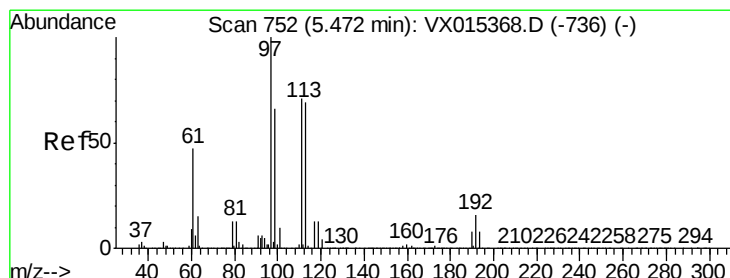
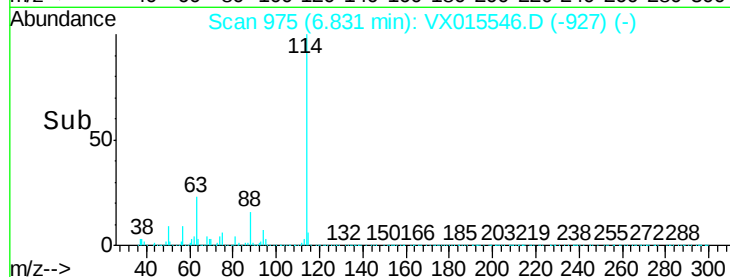
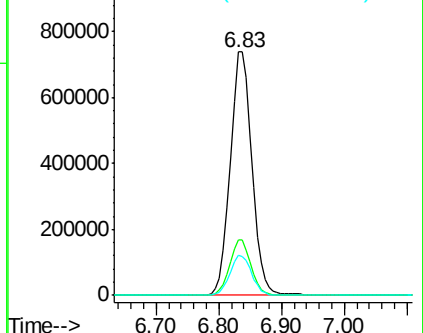
88 16.4 0.0 33.8



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



#35

Dibromofluoromethane

Concen: 49.131 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015546.D

Acq: 07 Apr 2020 18:18

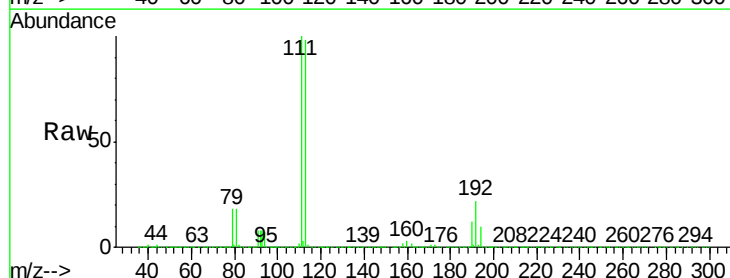
Tgt Ion:113 Resp: 558139

Ion Ratio Lower Upper

113 100

111 102.5 81.5 122.3

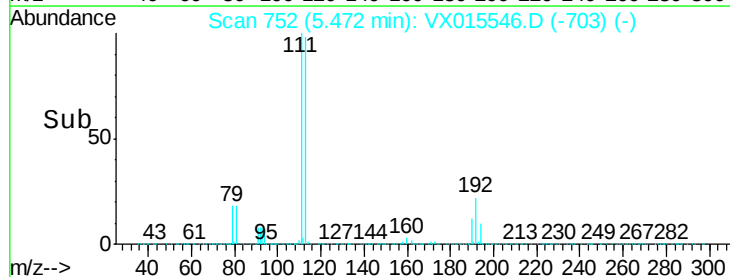
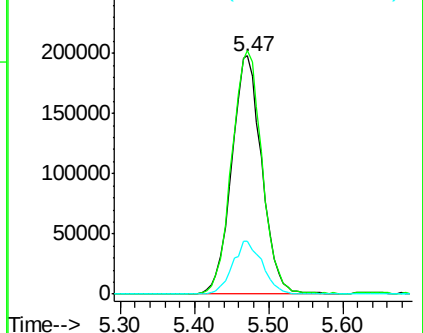
192 22.2 17.8 26.6

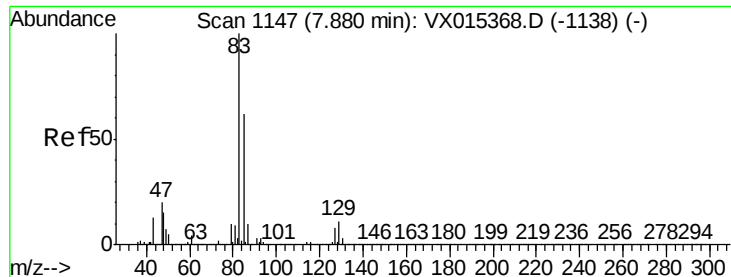


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#47

Bromodichloromethane

Concen: 0.889 ug/l

RT: 7.88 min Scan# 1147

Delta R.T. -0.00 min

Lab File: VX015546.D

Acq: 07 Apr 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

CBH-139

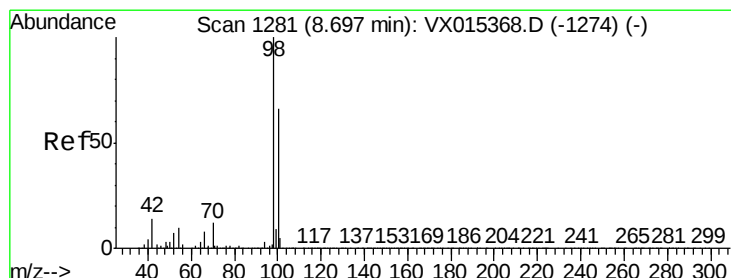
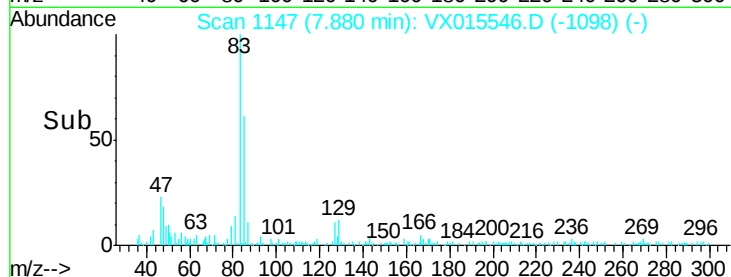
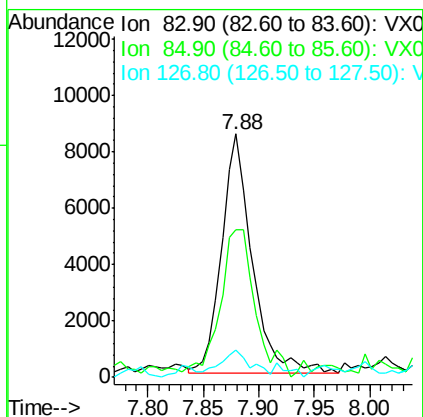
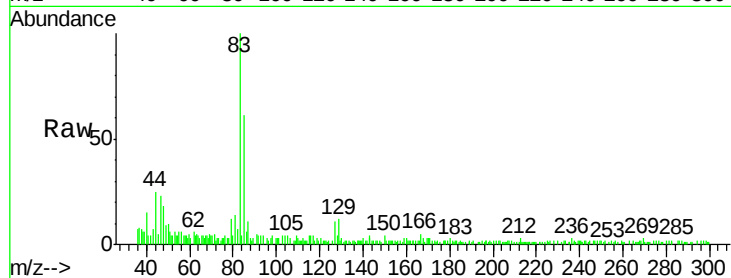
Tot Ion: 83 Resp: 16302

Ion Ratio Lower Upper

83 100

85 59.2 49.7 74.5

127 8.7 6.7 10.1



#50

Toluene-d8

Concen: 50.213 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015546.D

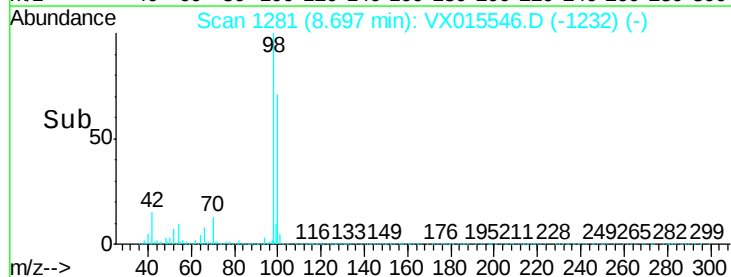
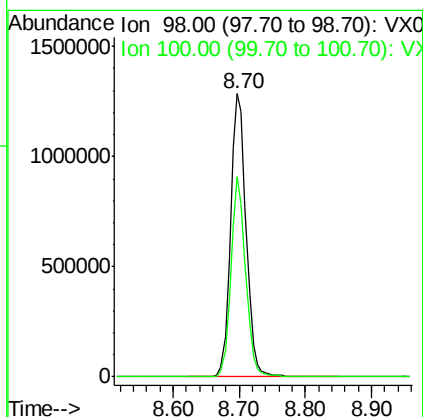
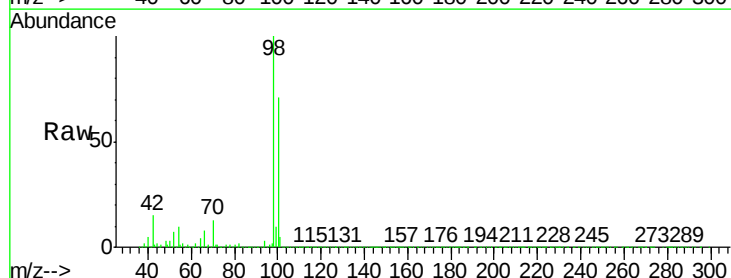
Acq: 07 Apr 2020 18:18

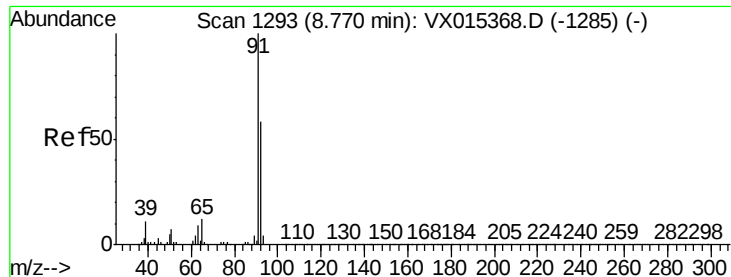
Tgt Ion: 98 Resp: 2100165

Ion Ratio Lower Upper

98 100

100 67.0 53.5 80.3





#52

Toluene

Concen: 0.490 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015546.D

Acq: 07 Apr 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

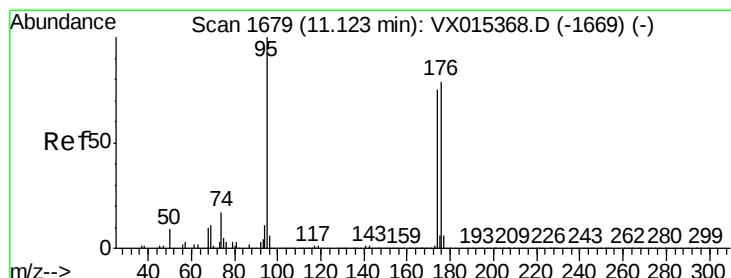
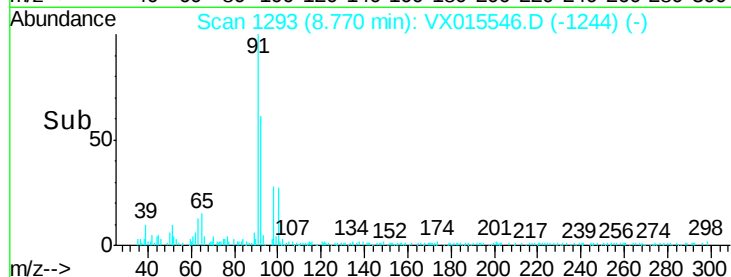
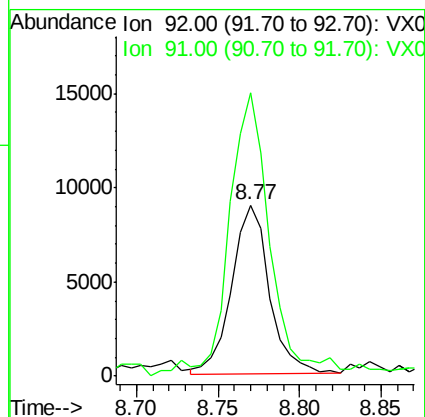
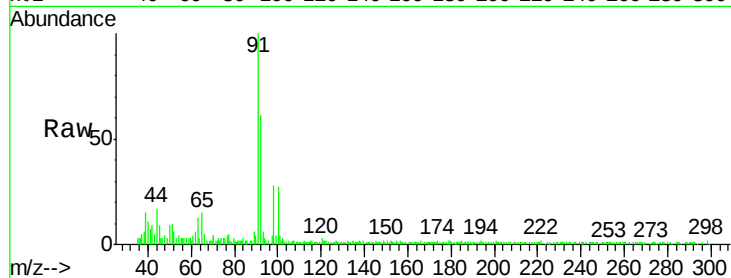
CBH-139

Tot Ion: 92 Resp: 14487

Ion Ratio Lower Upper

92 100

91 182.5 136.6 205.0



#62

4-Bromofluorobenzene

Concen: 55.237 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015546.D

Acq: 07 Apr 2020 18:18

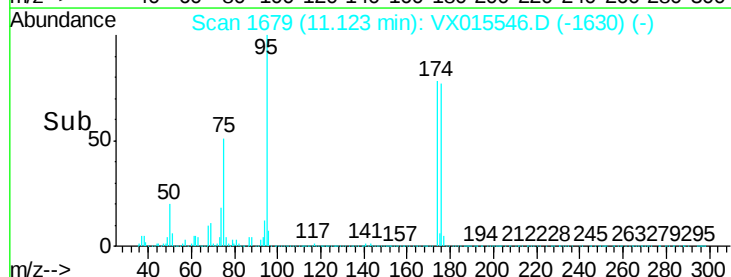
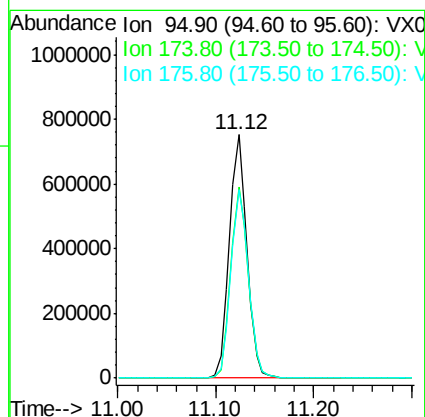
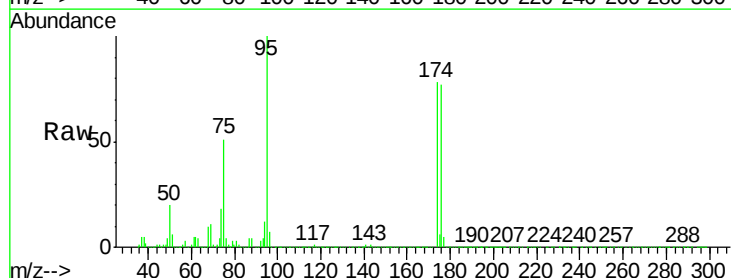
Tgt Ion: 95 Resp: 938911

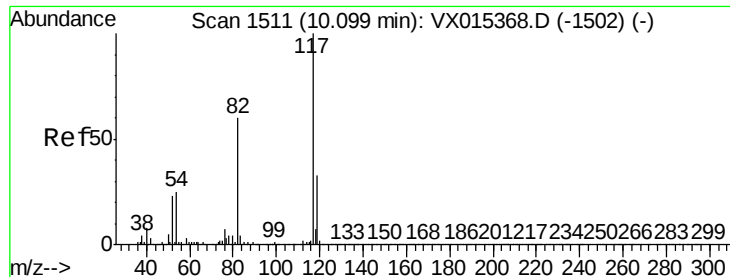
Ion Ratio Lower Upper

95 100

174 79.0 0.0 158.6

176 78.1 0.0 159.0

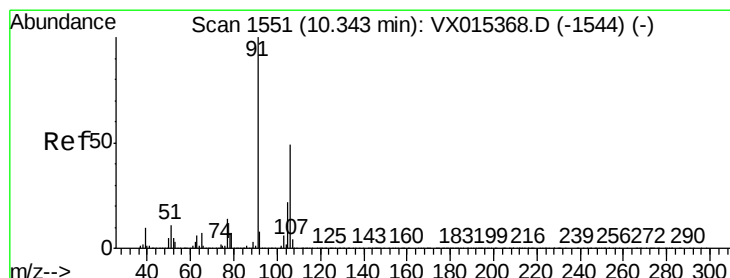
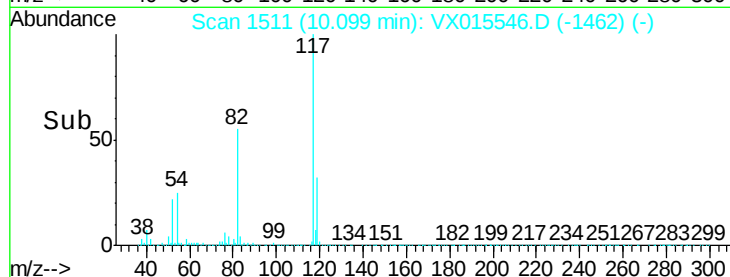
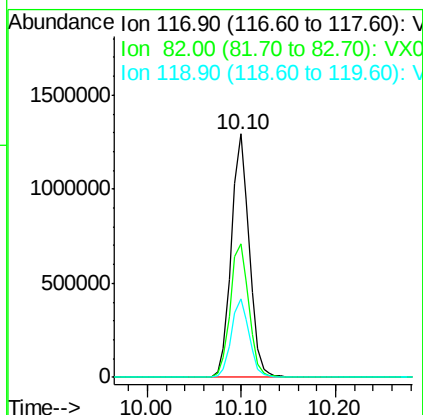
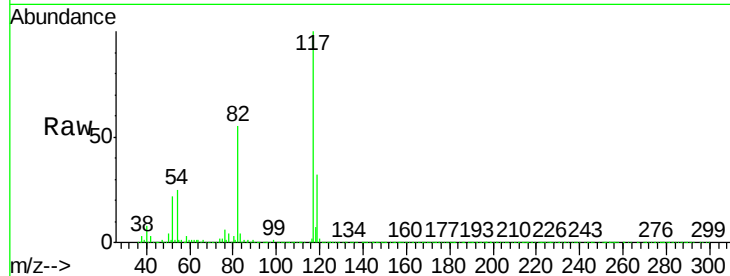




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015546.D
Acq: 07 Apr 2020 18:18

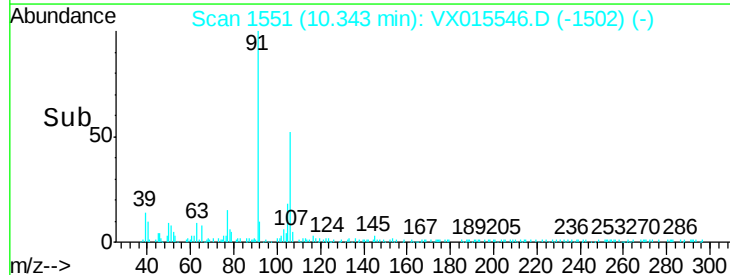
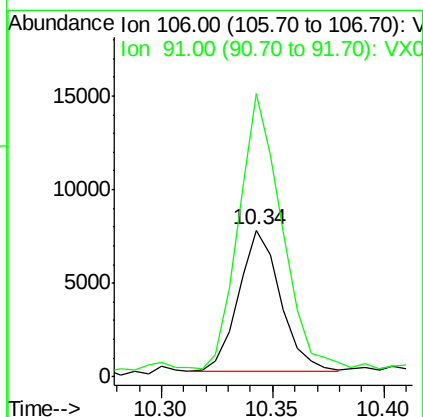
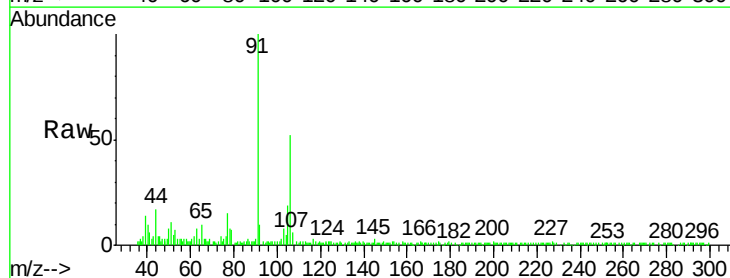
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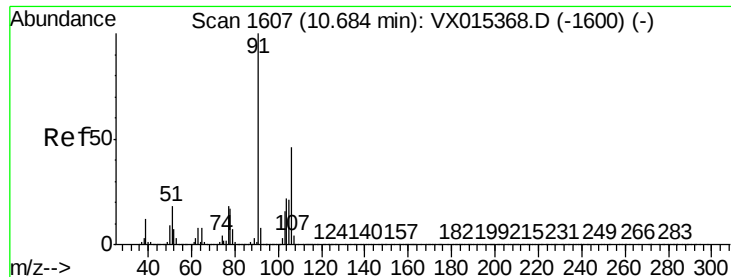
Tot Ion:117 Resp: 1710494
Ion Ratio Lower Upper
117 100
82 54.8 47.8 71.8
119 32.1 26.8 40.2



#68
m/p-Xylenes
Concen: 0.442 ug/l
RT: 10.34 min Scan# 1551
Delta R.T. -0.00 min
Lab File: VX015546.D
Acq: 07 Apr 2020 18:18

Tgt Ion:106 Resp: 9954
Ion Ratio Lower Upper
106 100
91 199.2 163.4 245.0

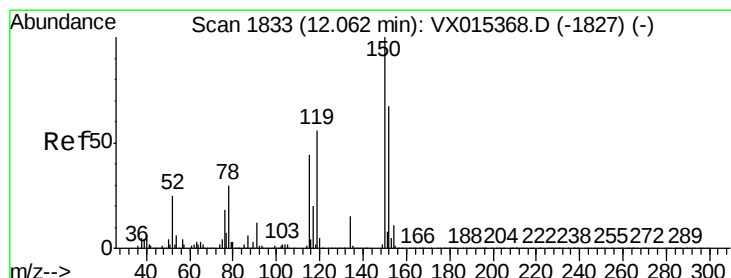
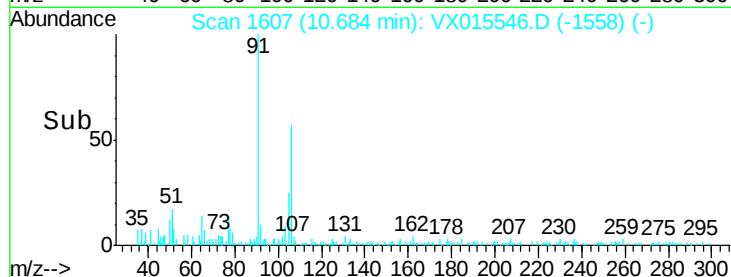
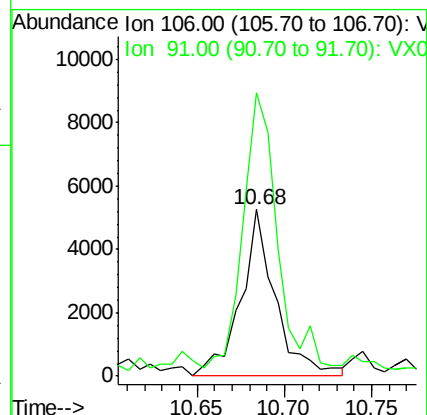
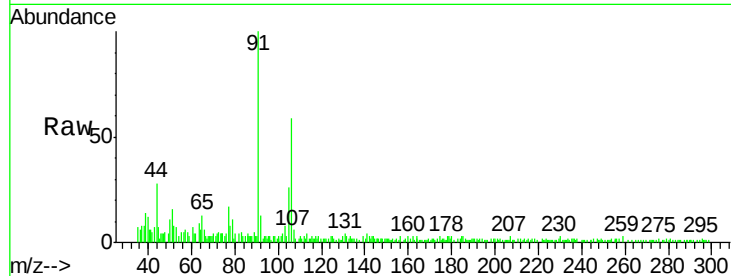




#69
o-Xylene
Concen: 0.326 ug/l
RT: 10.68 min Scan# 1607
Delta R.T. -0.00 min
Lab File: VX015546.D
Acq: 07 Apr 2020 18:18

Instrument :
MSVOA_X
ClientSampleId :
CBH-139

Tot Ion:106 Resp: 7265
Ion Ratio Lower Upper
106 100
91 162.8 107.1 321.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015546.D
Acq: 07 Apr 2020 18:18

Tgt Ion:152 Resp: 942544
Ion Ratio Lower Upper
152 100
115 58.4 39.0 116.9
150 158.3 0.0 340.8

