

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060596.D
 Acq On : 18 Mar 2020 16:48
 Operator : JC/MD
 Sample : L1917-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CBH-139

Quant Time: Mar 19 07:08:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 08:49:09 2020
 Response via : Initial Calibration

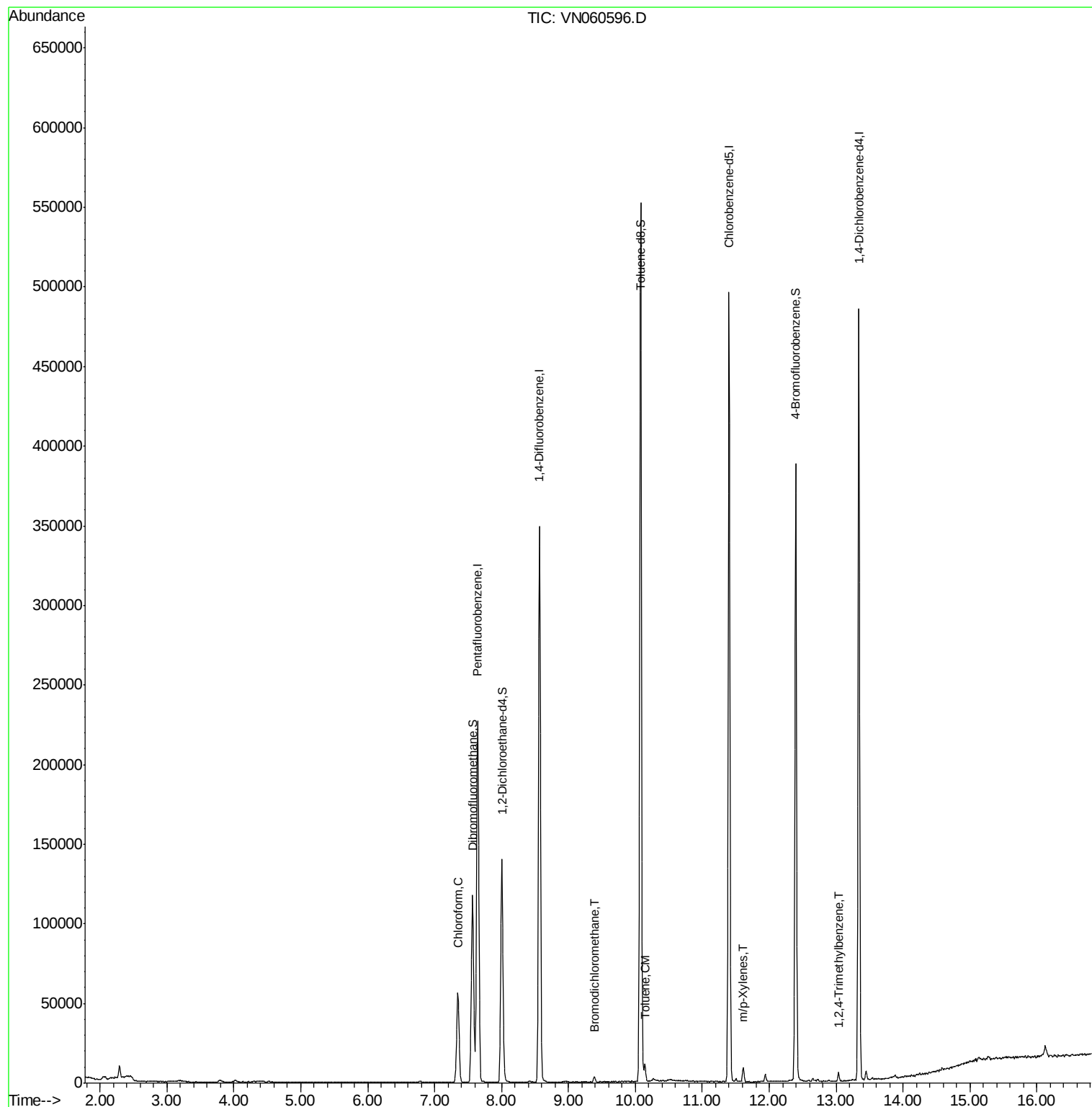
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	186856	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	308011	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	286135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	127303	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	121582	47.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.80%	
35) Dibromofluoromethane	7.57	113	91863	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
50) Toluene-d8	10.08	98	378533	49.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.52%	
62) 4-Bromofluorobenzene	12.40	95	138187	49.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.14%	
Target Compounds						
30) Chloroform	7.35	83	59415	15.124	ug/l	99
47) Bromodichloromethane	9.39	83	2741	0.918	ug/l #	87
52) Toluene	10.14	92	4474	0.823	ug/l	95
68) m/p-Xylenes	11.62	106	2995	0.764	ug/l	97
84) 1,2,4-Trimethylbenzene	13.03	105	3844	0.479	ug/l	99

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VN060596.D

Acq: 18 Mar 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

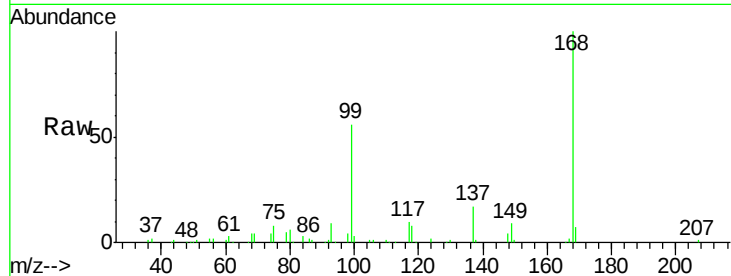
CBH-139

Tot Ion:168 Resp: 186856

Ion Ratio Lower Upper

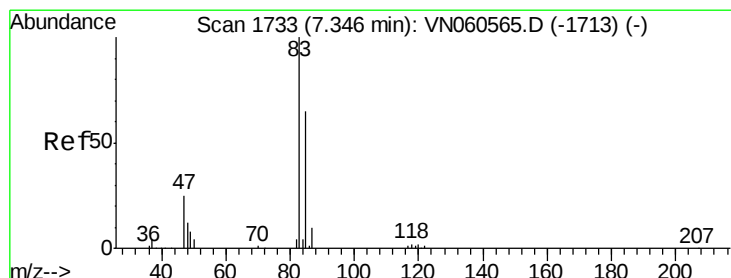
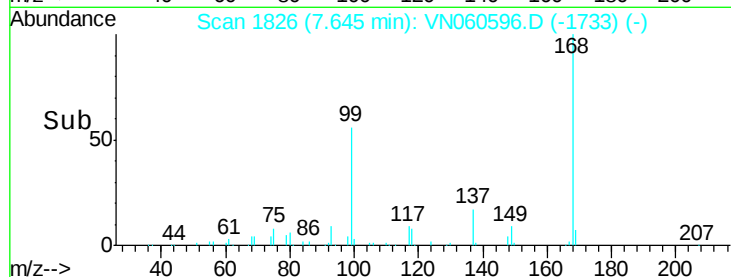
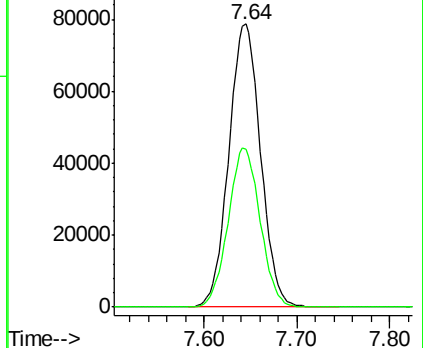
168 100

99 55.8 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#30

Chloroform

Concen: 15.124 ug/l

RT: 7.35 min Scan# 1734

Delta R.T. 0.00 min

Lab File: VN060596.D

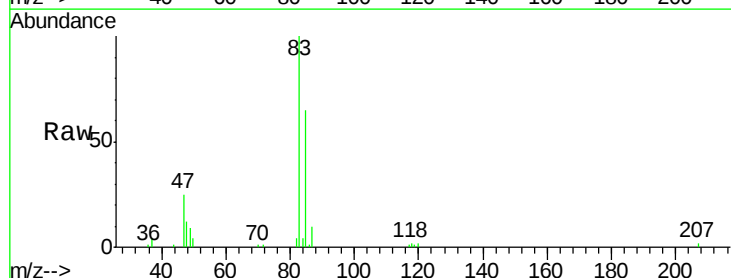
Acq: 18 Mar 2020 16:48

Tgt Ion: 83 Resp: 59415

Ion Ratio Lower Upper

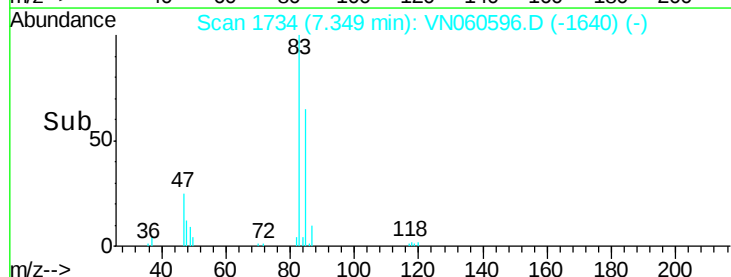
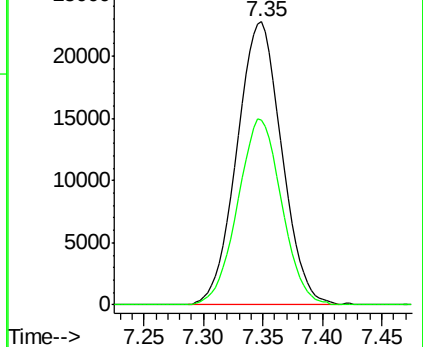
83 100

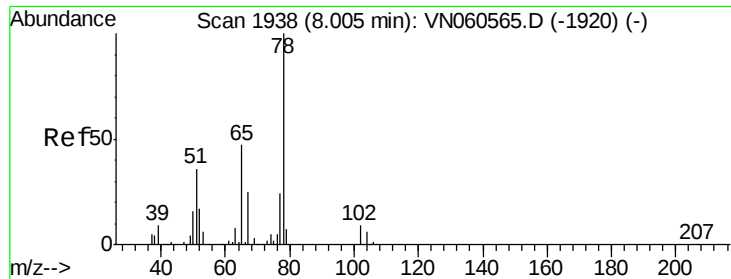
85 65.4 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

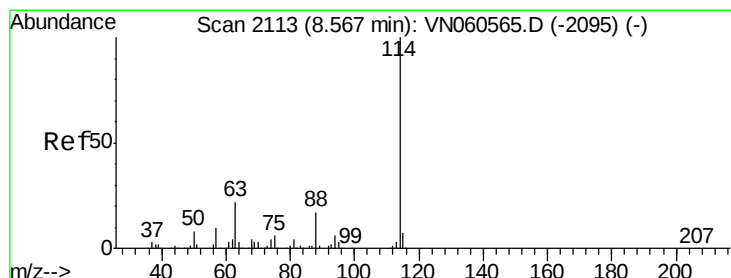
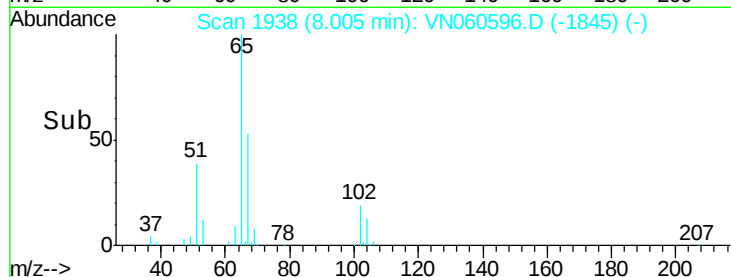
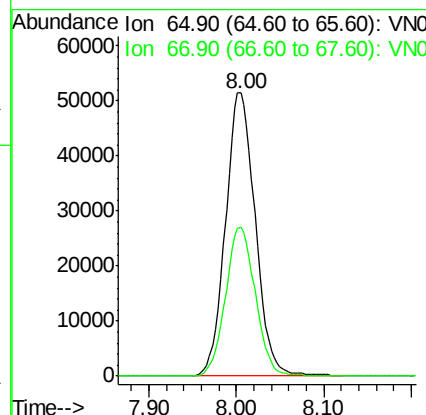
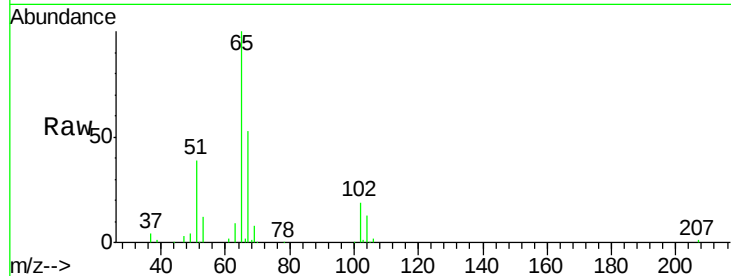




#33
 1,2-Dichloroethane-d4
 Concen: 47.398 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. 0.00 min
 Lab File: VN060596.D
 Acq: 18 Mar 2020 16:48

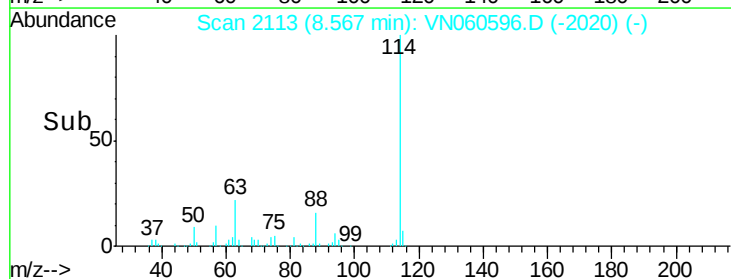
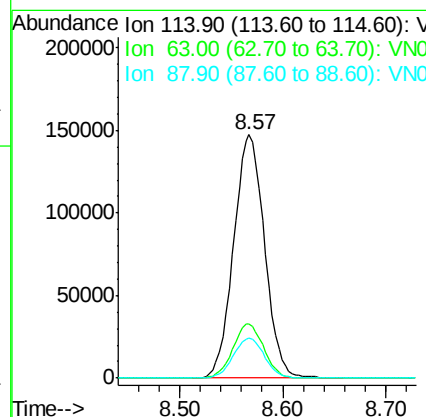
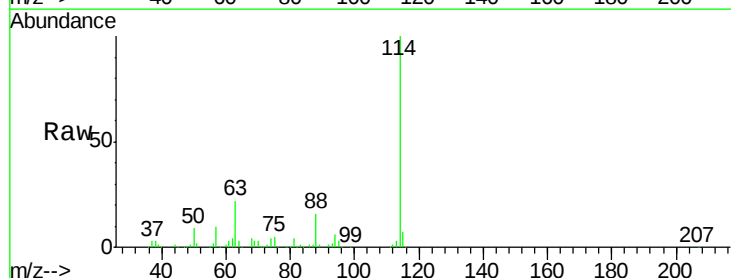
Instrument :
 MSVOA_N
 ClientSampleId :
 CBH-139

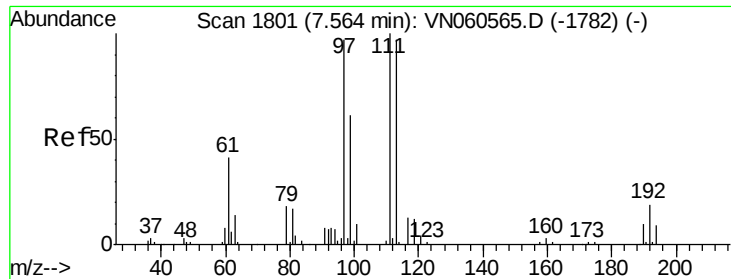
Tot Ion: 65 Resp: 121582
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VN060596.D
 Acq: 18 Mar 2020 16:48

Tgt Ion: 114 Resp: 308011
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 43.8
 88 16.5 0.0 33.0

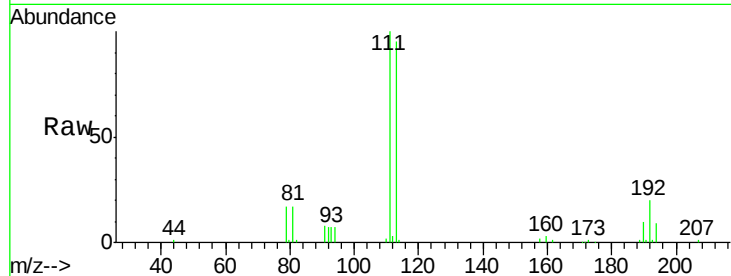




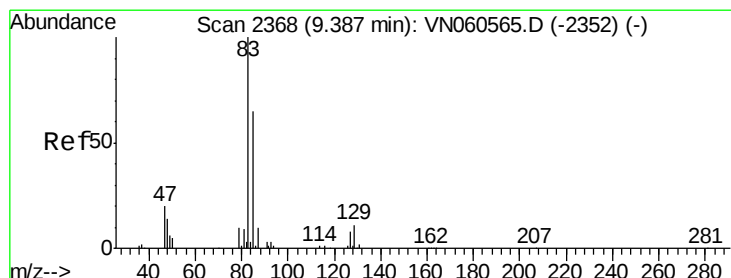
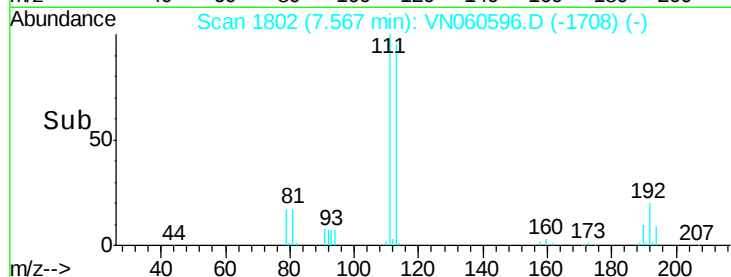
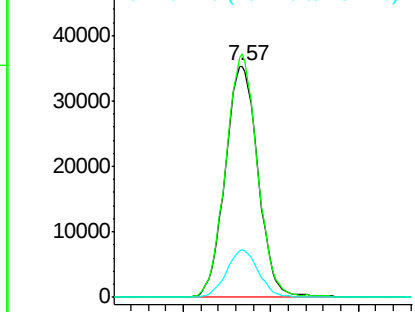
#35
 Dibromofluoromethane
 Concen: 49.324 ug/l
 RT: 7.57 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VN060596.D
 Acq: 18 Mar 2020 16:48

Instrument :
 MSVOA_N
 ClientSampleId :
 CBH-139

Tot Ion:113 Resp: 91863
 Ion Ratio Lower Upper
 113 100
 111 101.5 82.9 124.3
 192 19.9 15.8 23.8

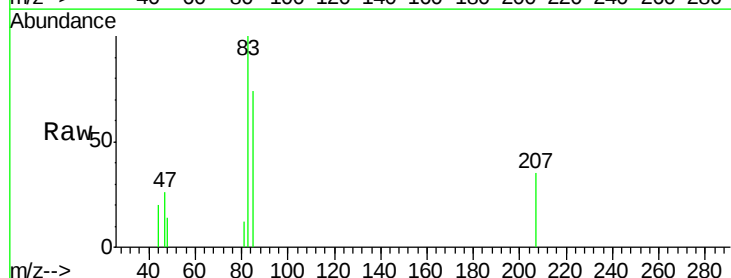


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

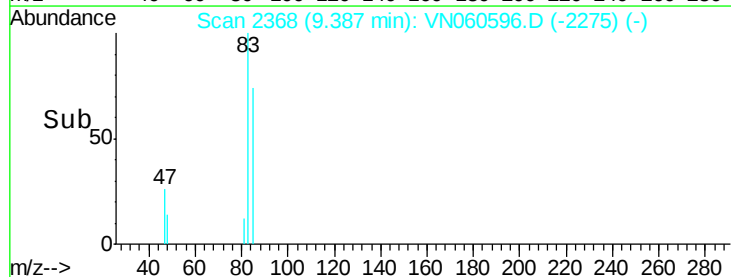
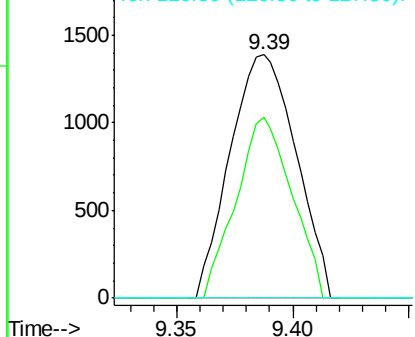


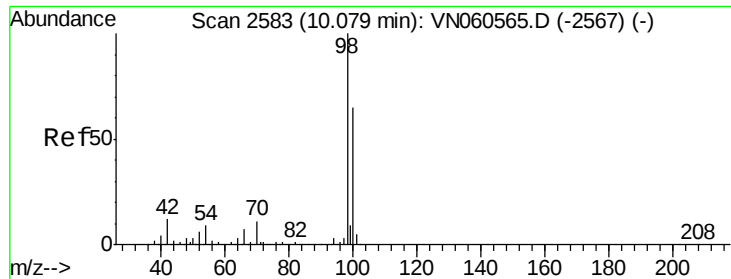
#47
 Bromodichloromethane
 Concen: 0.918 ug/l
 RT: 9.39 min Scan# 2368
 Delta R.T. 0.00 min
 Lab File: VN060596.D
 Acq: 18 Mar 2020 16:48

Tgt Ion: 83 Resp: 2741
 Ion Ratio Lower Upper
 83 100
 85 74.2 51.8 77.6
 127 0.0 6.5 9.7#



Abundance Ion 82.90 (82.60 to 83.60): V
 Ion 84.90 (84.60 to 85.60): V
 Ion 126.80 (126.50 to 127.50): V





#50

Toluene-d8

Concen: 49.759 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. 0.00 min

Lab File: VN060596.D

Acq: 18 Mar 2020 16:48

Instrument :

MSVOA_N

ClientSampleId :

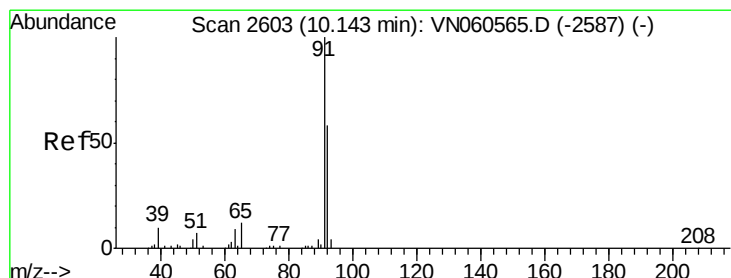
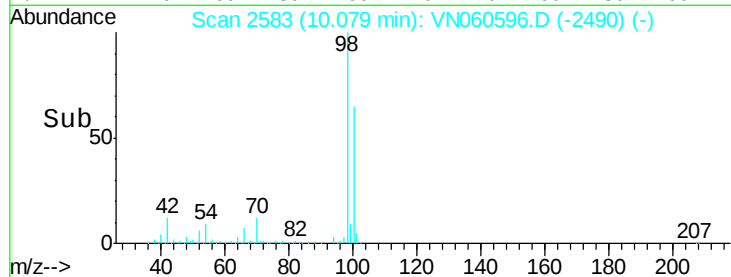
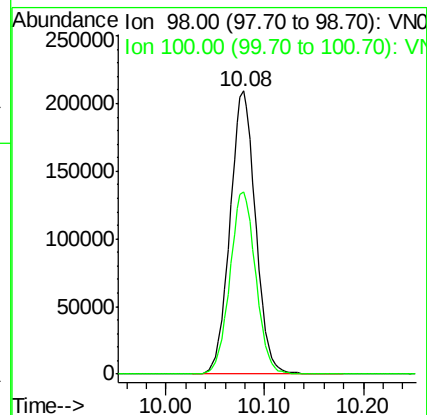
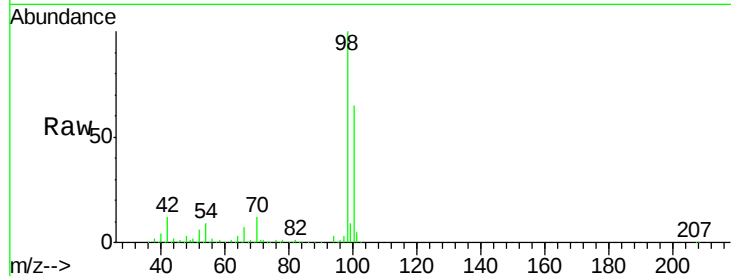
CBH-139

Tot Ion: 98 Resp: 378533

Ion Ratio Lower Upper

98 100

100 65.2 51.8 77.8



#52

Toluene

Concen: 0.823 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. 0.00 min

Lab File: VN060596.D

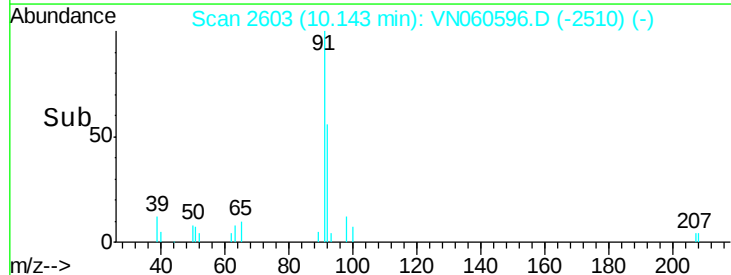
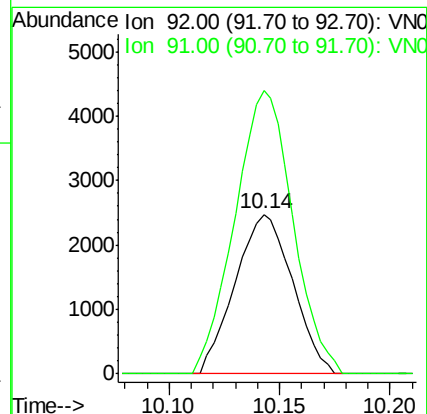
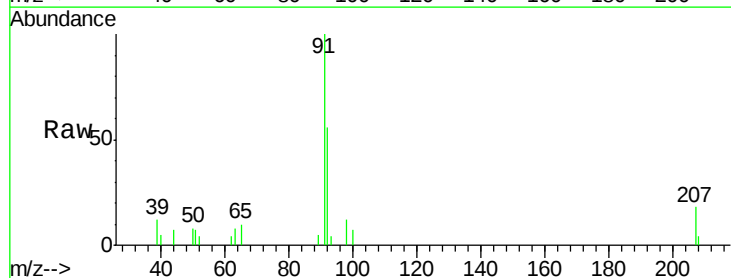
Acq: 18 Mar 2020 16:48

Tgt Ion: 92 Resp: 4474

Ion Ratio Lower Upper

92 100

91 179.3 137.6 206.4





#62

4-Bromofluorobenzene

Concen: 49.565 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN060596.D

Acq: 18 Mar 2020 16:48

Instrument :

MSVOA_N

ClientSampled :

CBH-139

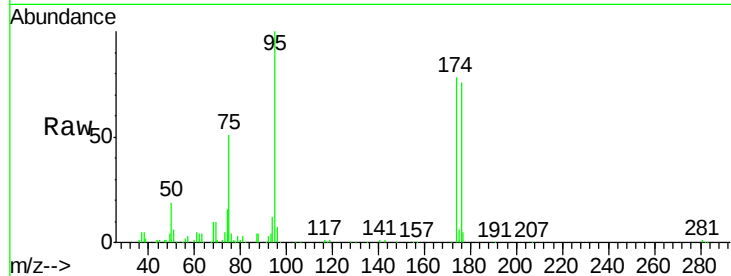
Tot Ion: 95 Resp: 138187

Ion Ratio Lower Upper

95 100

174 78.5 0.0 157.6

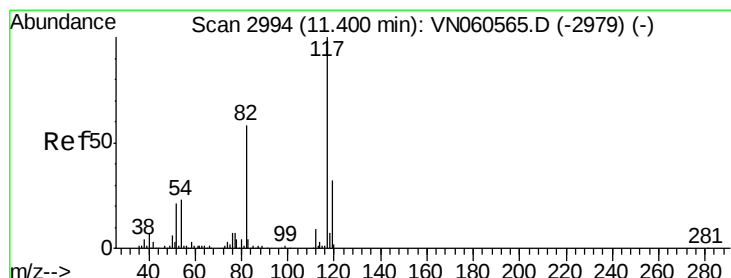
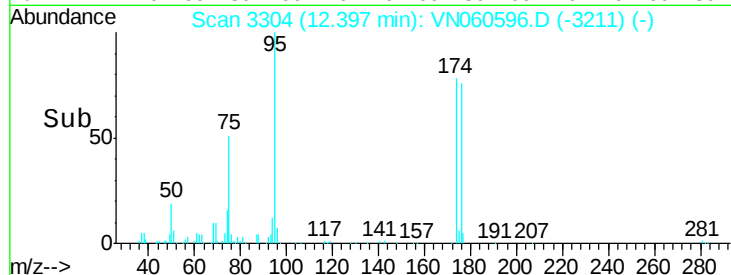
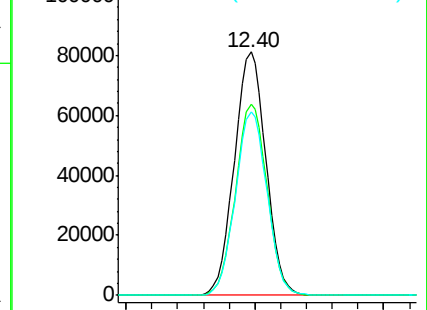
176 75.5 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060596.D (-3211) (-)

Ion 173.80 (173.50 to 174.50): VN060596.D (-3211) (-)

Ion 175.80 (175.50 to 176.50): VN060596.D (-3211) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. 0.00 min

Lab File: VN060596.D

Acq: 18 Mar 2020 16:48

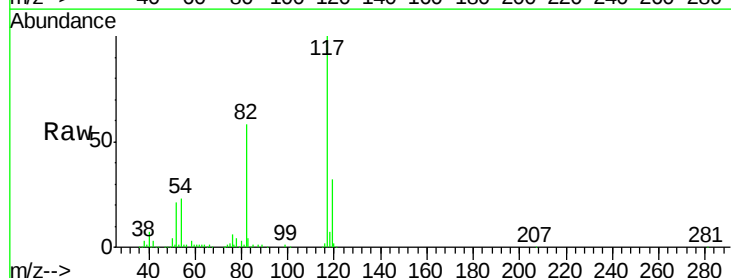
Tgt Ion: 117 Resp: 286135

Ion Ratio Lower Upper

117 100

82 58.4 46.7 70.1

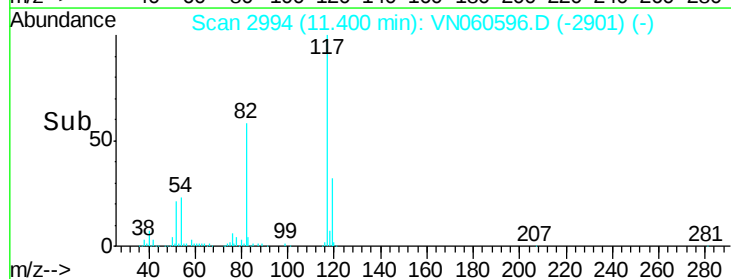
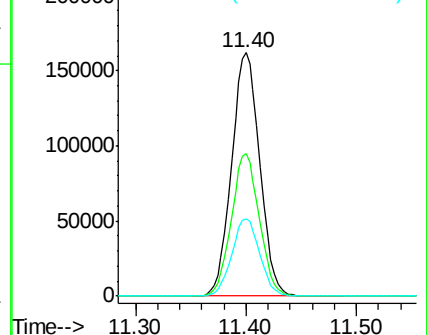
119 31.9 25.5 38.3

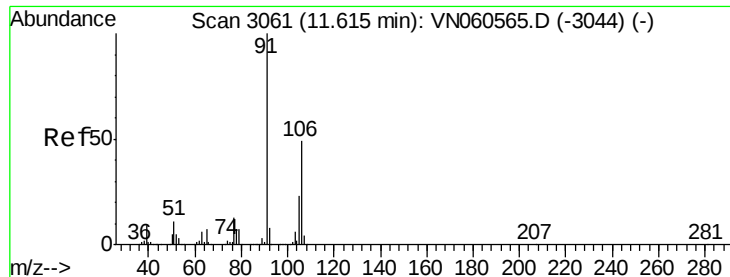


Abundance Ion 116.90 (116.60 to 117.60): VN060596.D (-2901) (-)

Ion 82.00 (81.70 to 82.70): VN060596.D (-2901) (-)

Ion 118.90 (118.60 to 119.60): VN060596.D (-2901) (-)

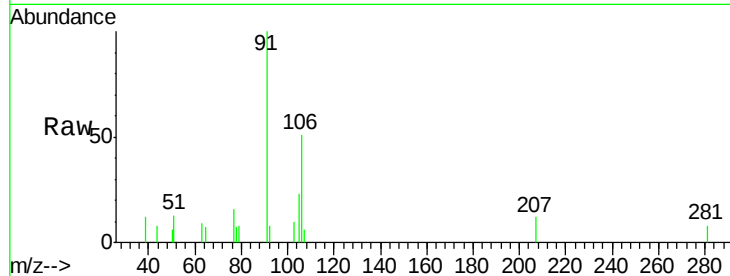




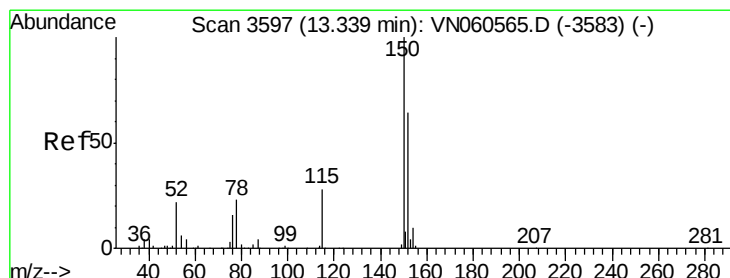
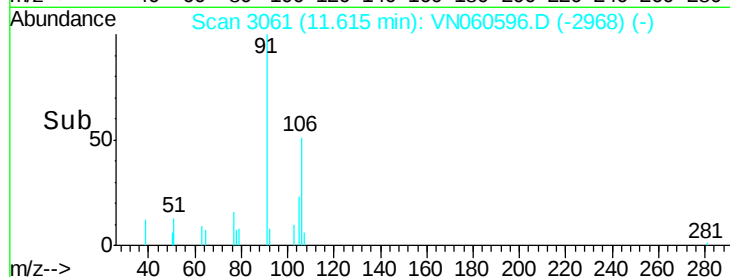
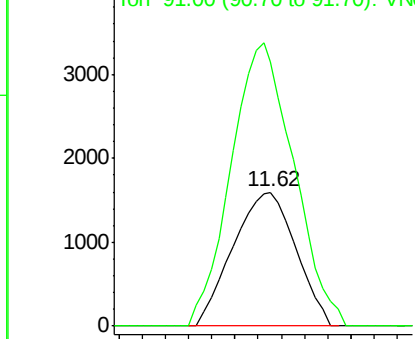
#68
m/p-Xvlenes
Concen: 0.764 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN060596.D
Acq: 18 Mar 2020 16:48

Instrument :
MSVOA_N
ClientSampleId :
CBH-139

Tot Ion:106 Resp: 2995
Ion Ratio Lower Upper
106 100
91 211.0 165.0 247.4

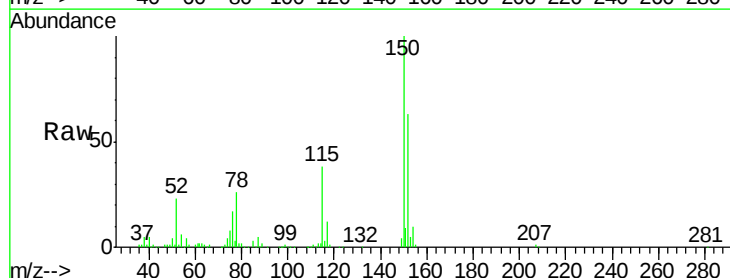


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN0

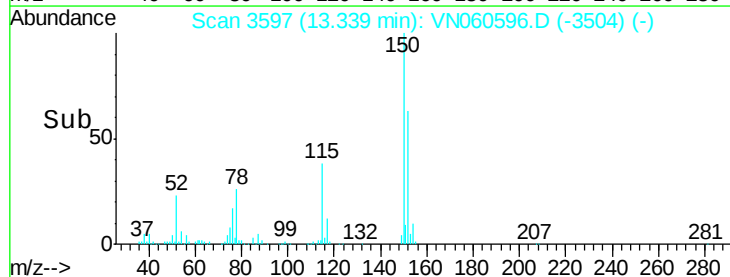
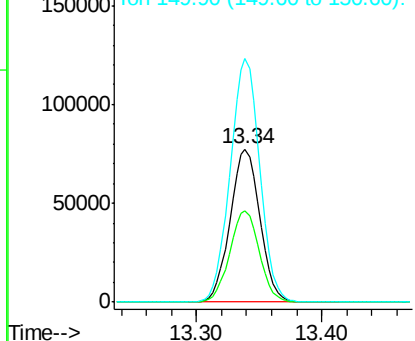


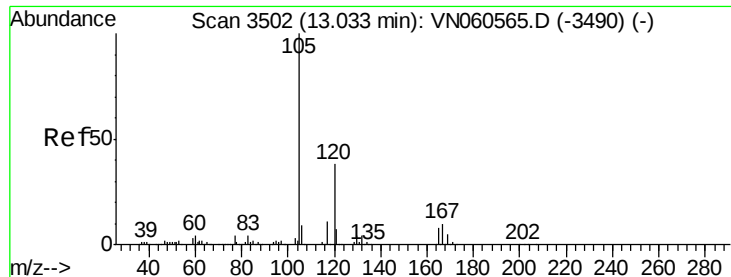
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. 0.00 min
Lab File: VN060596.D
Acq: 18 Mar 2020 16:48

Tgt Ion:152 Resp: 127303
Ion Ratio Lower Upper
152 100
115 59.3 30.2 90.6
150 158.3 0.0 350.2



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





#84
 1,2,4-Trimethylbenzene
 Concen: 0.479 ug/l
 RT: 13.03 min Scan# 3502
 Delta R.T. 0.00 min
 Lab File: VN060596.D
 Acq: 18 Mar 2020 16:48

Instrument :
 MSVOA_N
 ClientSampleId :
 CBH-139

Tot Ion:105 Resp: 3844
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.1 66.5

