

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN031820\
 Data File : VN060595.D
 Acq On : 18 Mar 2020 16:26
 Operator : JC/MD
 Sample : L1917-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CBH-140

Quant Time: Mar 19 07:03:57 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	201749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	335602	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	310054	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	143307	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.00	65	130472	47.11	ug/l	0.00
Spiked Amount			Recovery	=	94.22%	
35) Dibromofluoromethane	7.57	113	98519	48.55	ug/l	0.00
Spiked Amount			Recovery	=	97.10%	
50) Toluene-d8	10.08	98	408169	49.24	ug/l	0.00
Spiked Amount			Recovery	=	98.48%	
62) 4-Bromofluorobenzene	12.40	95	152451	50.19	ug/l	0.00
Spiked Amount			Recovery	=	100.38%	

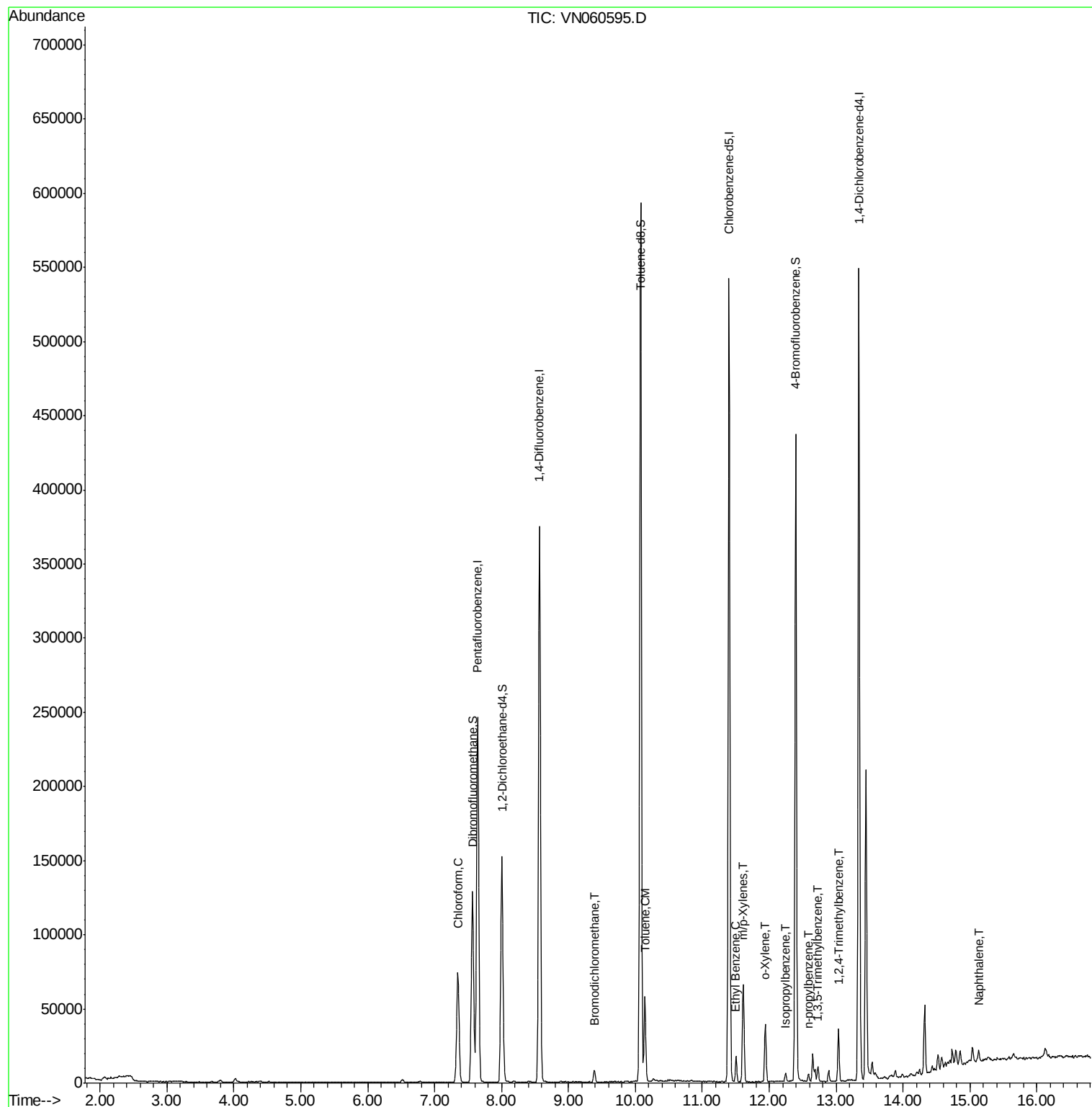
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
30) Chloroform	7.35	83	77867	18.357	ug/l	100
47) Bromodichloromethane	9.39	83	5843	1.797	ug/l	89
52) Toluene	10.14	92	24555	4.145	ug/l	99
67) Ethyl Benzene	11.50	91	12546	1.098	ug/l	94
68) m/p-Xylenes	11.61	106	20729	4.880	ug/l	97
69) o-Xylene	11.94	106	10339	2.550	ug/l	98
73) Isopropylbenzene	12.25	105	4232	0.394	ug/l	100
78) n-propylbenzene	12.59	91	4788	0.377	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	5280	0.579	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	21212	2.349	ug/l	99
95) Naphthalene	15.13	128	5825	0.722	ug/l	97

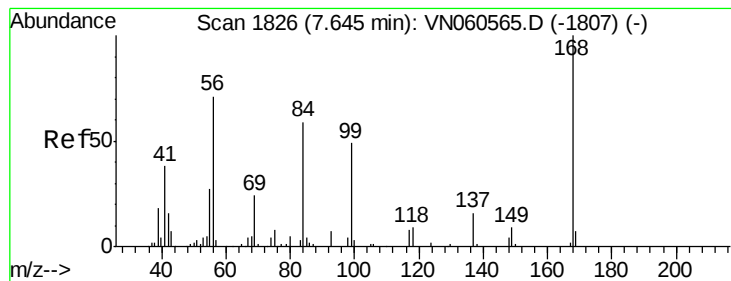
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN031820\
Data File : VN060595.D
Acq On : 18 Mar 2020 16:26
Operator : JC/MD
Sample : L1917-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
CBH-140

Quant Time: Mar 19 07:03:57 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N031820W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 18 08:49:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.64 min Scan# 1825

Delta R.T. -0.00 min

Lab File: VN060595.D

Acq: 18 Mar 2020 16:26

Instrument :

MSVOA_N

ClientSampleId :

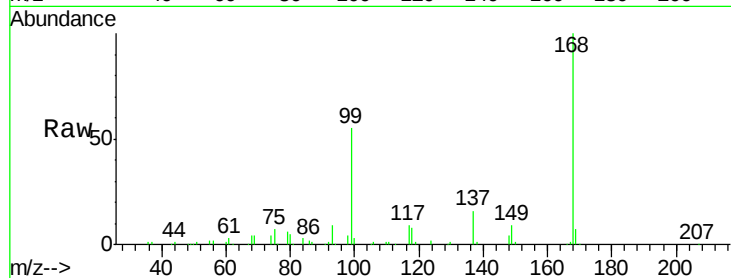
CBH-140

Tot Ion:168 Resp: 201749

Ion Ratio Lower Upper

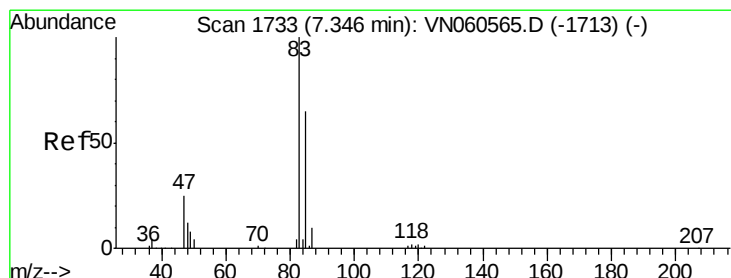
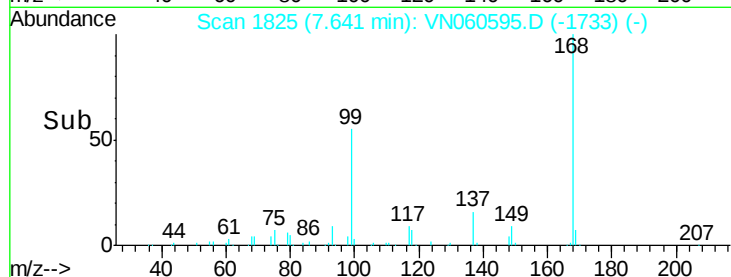
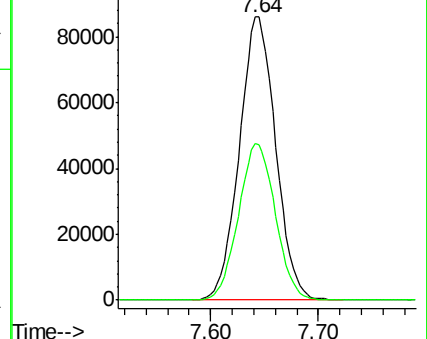
168 100

99 55.3 44.0 66.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#30

Chloroform

Concen: 18.357 ug/l

RT: 7.35 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VN060595.D

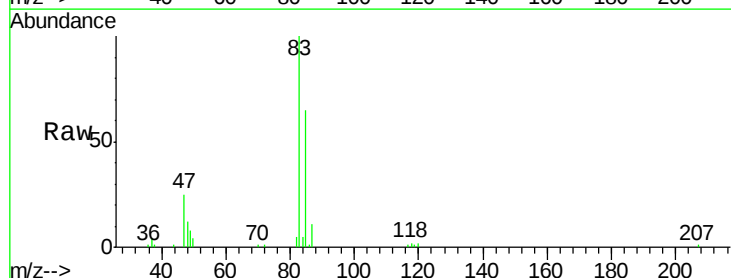
Acq: 18 Mar 2020 16:26

Tgt Ion: 83 Resp: 77867

Ion Ratio Lower Upper

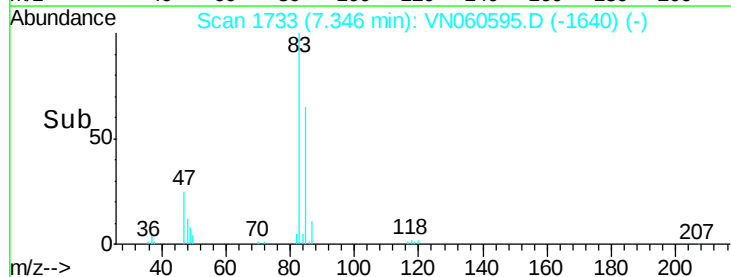
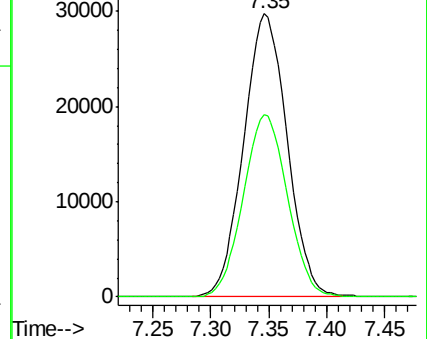
83 100

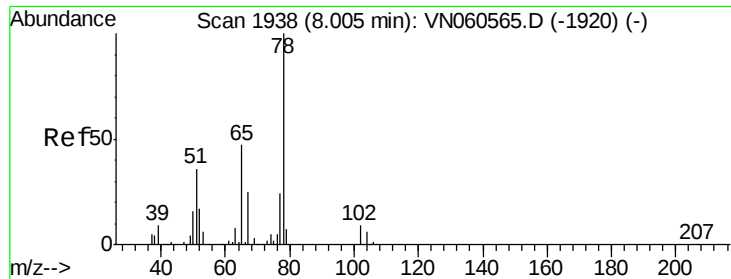
85 64.6 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

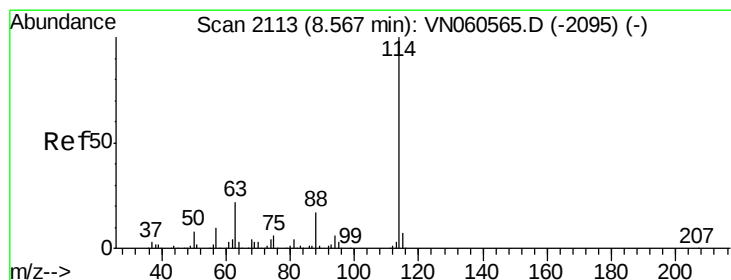
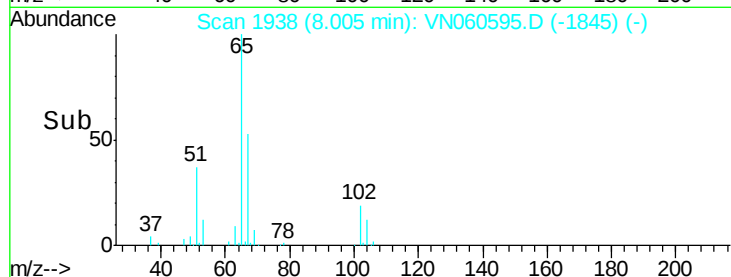
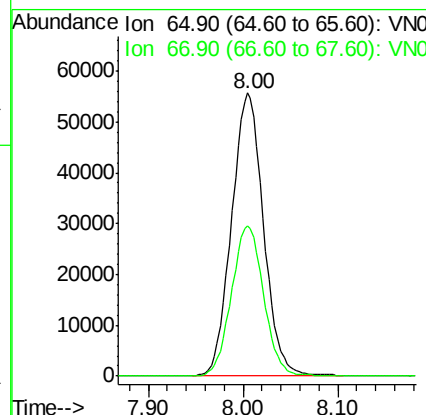
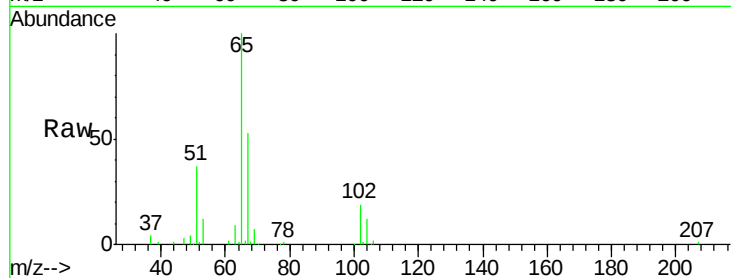




#33
 1,2-Dichloroethane-d4
 Concen: 47.109 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.00 min
 Lab File: VN060595.D
 Acq: 18 Mar 2020 16:26

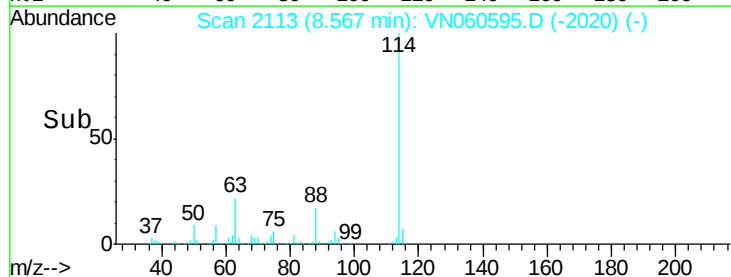
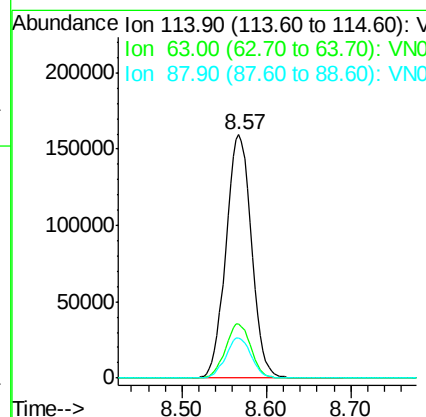
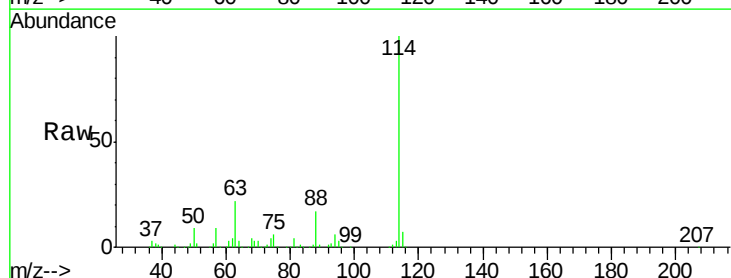
Instrument :
 MSVOA_N
 ClientSampleId :
 CBH-140

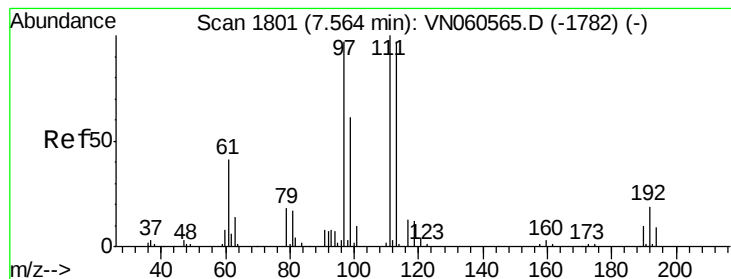
Tot Ion: 65 Resp: 130472
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 107.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.00 min
 Lab File: VN060595.D
 Acq: 18 Mar 2020 16:26

Tgt Ion: 114 Resp: 335602
 Ion Ratio Lower Upper
 114 100
 63 22.3 0.0 43.8
 88 16.5 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.549 ug/l

RT: 7.57 min Scan# 1802

Delta R.T. 0.00 min

Lab File: VN060595.D

Acq: 18 Mar 2020 16:26

Instrument :

MSVOA_N

ClientSampled :

CBH-140

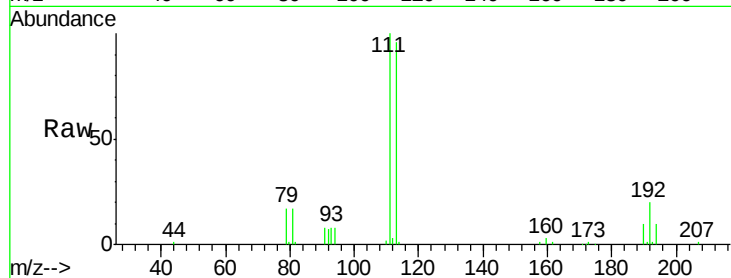
Tot Ion:113 Resp: 98519

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

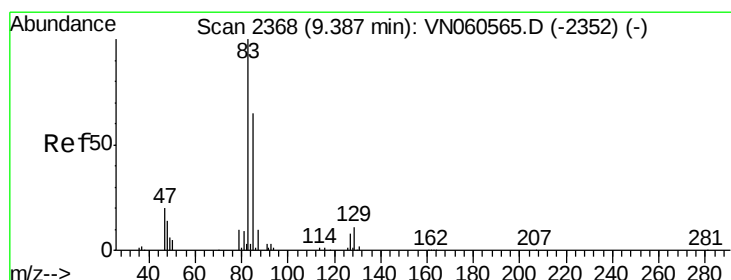
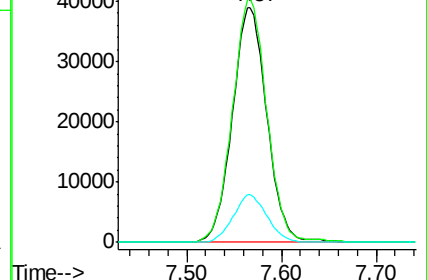
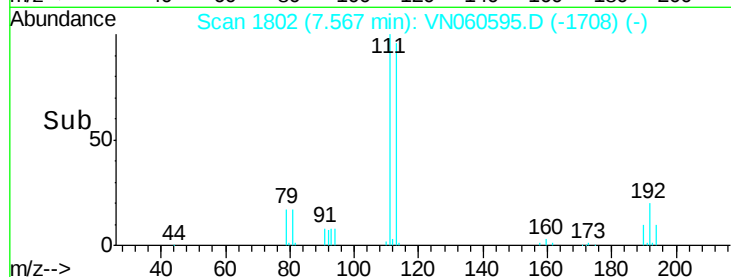
192 19.9 15.8 23.8



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: 1.797 ug/l

RT: 9.39 min Scan# 2368

Delta R.T. -0.00 min

Lab File: VN060595.D

Acq: 18 Mar 2020 16:26

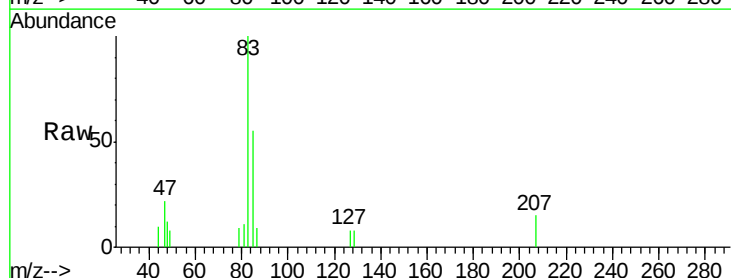
Tgt Ion: 83 Resp: 5843

Ion Ratio Lower Upper

83 100

85 55.4 51.8 77.6

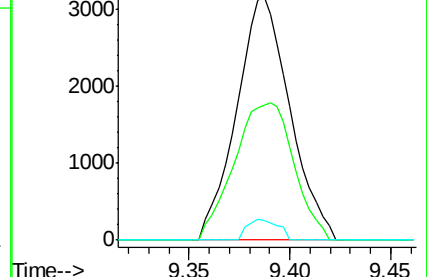
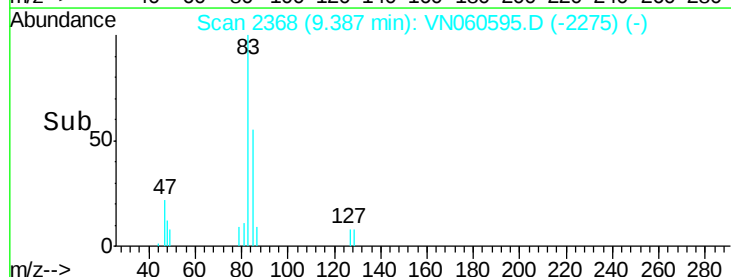
127 8.3 6.5 9.7

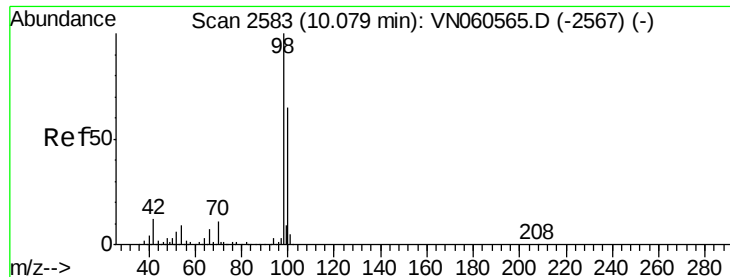


Abundance Ion 82.90 (82.60 to 83.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 126.80 (126.50 to 127.50): V





#50

Toluene-d8

Concen: 49.243 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.00 min

Lab File: VN060595.D

Acq: 18 Mar 2020 16:26

Instrument :

MSVOA_N

ClientSampleId :

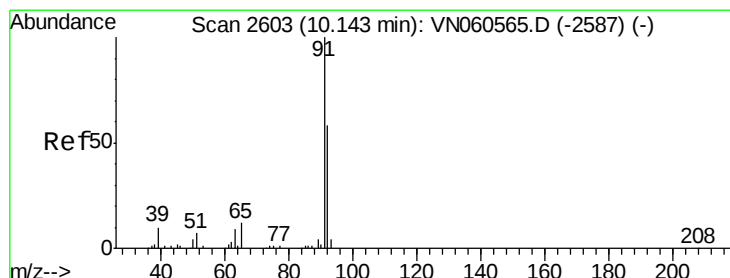
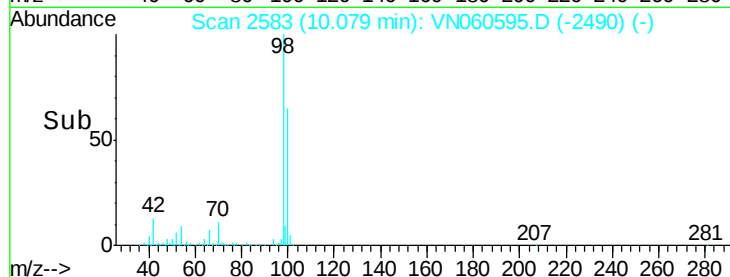
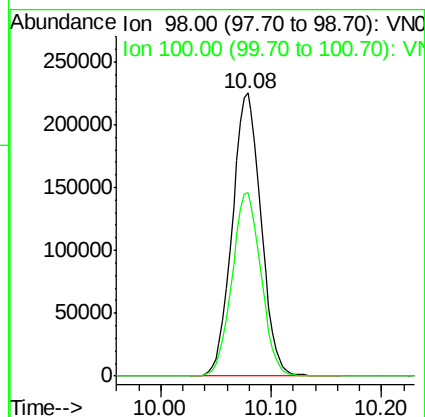
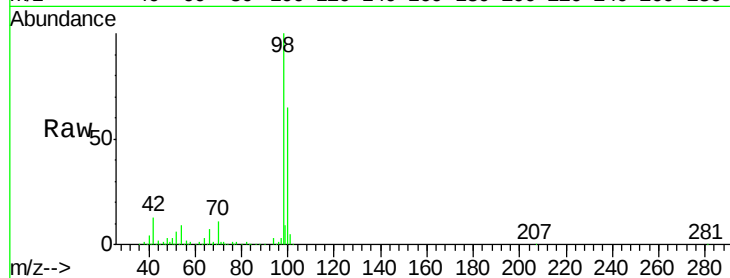
CBH-140

Tot Ion: 98 Resp: 408169

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.8



#52

Toluene

Concen: 4.145 ug/l

RT: 10.14 min Scan# 2603

Delta R.T. -0.00 min

Lab File: VN060595.D

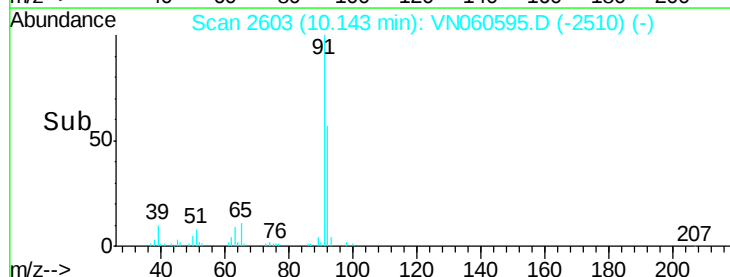
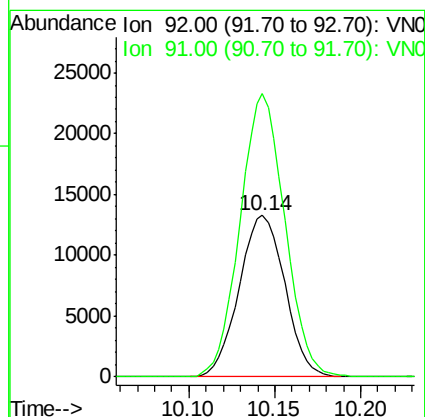
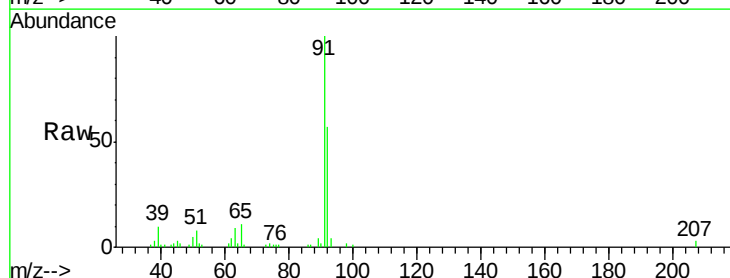
Acq: 18 Mar 2020 16:26

Tgt Ion: 92 Resp: 24555

Ion Ratio Lower Upper

92 100

91 170.8 137.6 206.4





#62

4-Bromofluorobenzene

Concen: 50.186 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. -0.00 min

Lab File: VN060595.D

Acq: 18 Mar 2020 16:26

Instrument :

MSVOA_N

ClientSampleId :

CBH-140

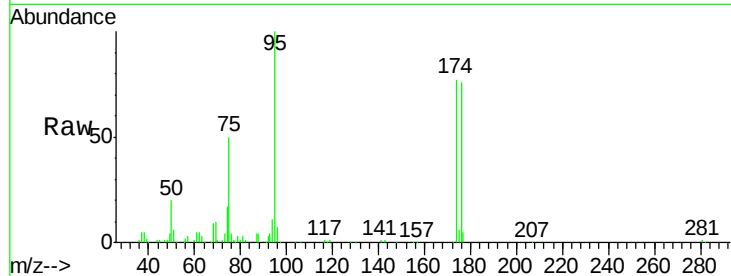
Tot Ion: 95 Resp: 152451

Ion Ratio Lower Upper

95 100

174 77.9 0.0 157.6

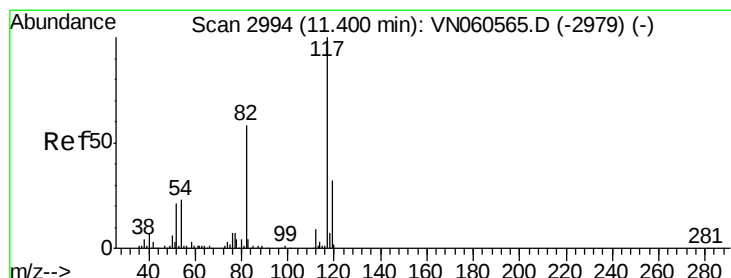
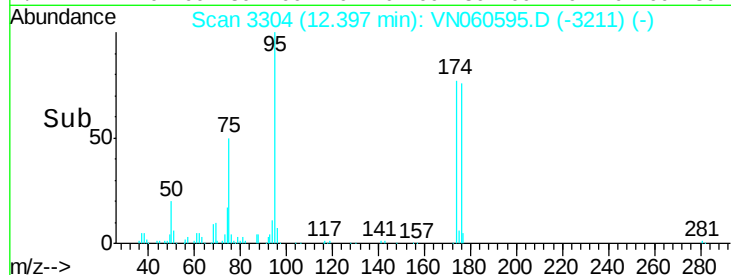
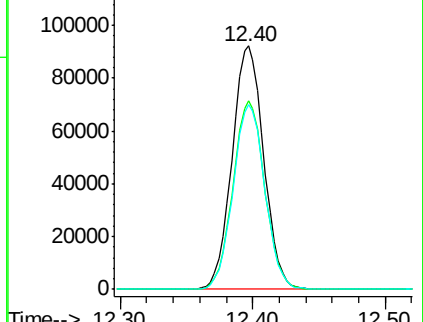
176 76.3 0.0 150.6



Abundance Ion 94.90 (94.60 to 95.60): VN060565.D (-3290) (-)

Ion 173.80 (173.50 to 174.50): VN060565.D (-3290) (-)

Ion 175.80 (175.50 to 176.50): VN060565.D (-3290) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.40 min Scan# 2994

Delta R.T. -0.00 min

Lab File: VN060595.D

Acq: 18 Mar 2020 16:26

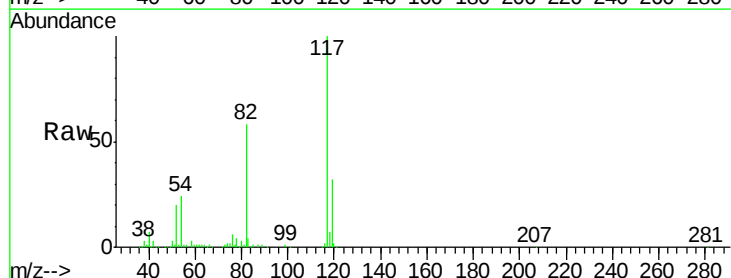
Tgt Ion: 117 Resp: 310054

Ion Ratio Lower Upper

117 100

82 57.8 46.7 70.1

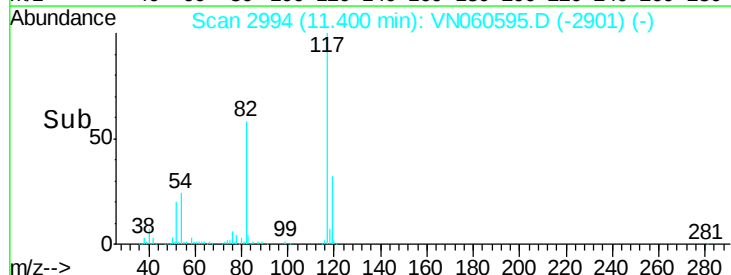
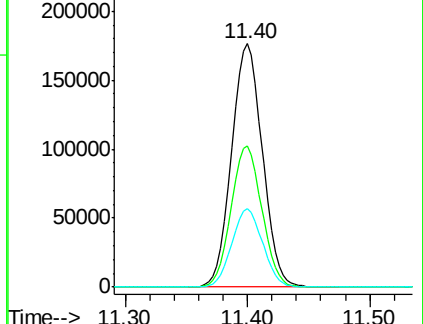
119 32.3 25.5 38.3

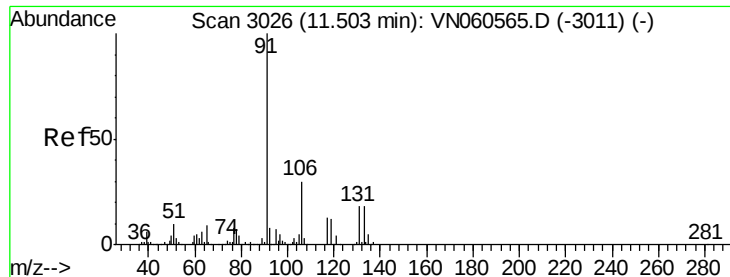


Abundance Ion 116.90 (116.60 to 117.60): VN060565.D (-2979) (-)

Ion 82.00 (81.70 to 82.70): VN060565.D (-2979) (-)

Ion 118.90 (118.60 to 119.60): VN060565.D (-2979) (-)





#67

Ethyl Benzene

Concen: 1.098 ug/l

RT: 11.50 min Scan# 3026

Delta R.T. -0.00 min

Lab File: VN060595.D

Acq: 18 Mar 2020 16:26

Instrument :

MSVOA_N

ClientSampleId :

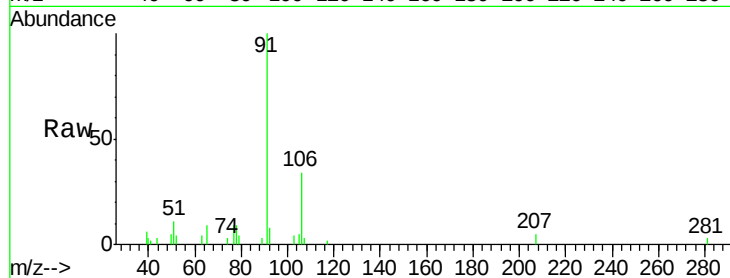
CBH-140

Tot Ion: 91 Resp: 12546

Ion Ratio Lower Upper

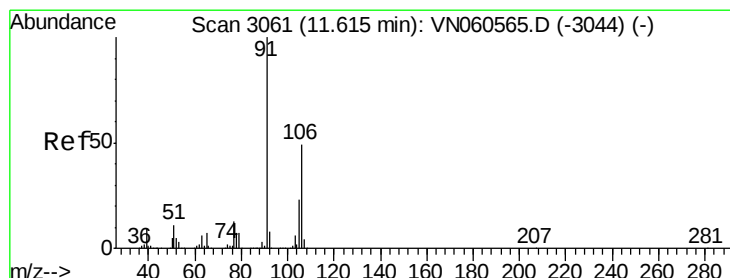
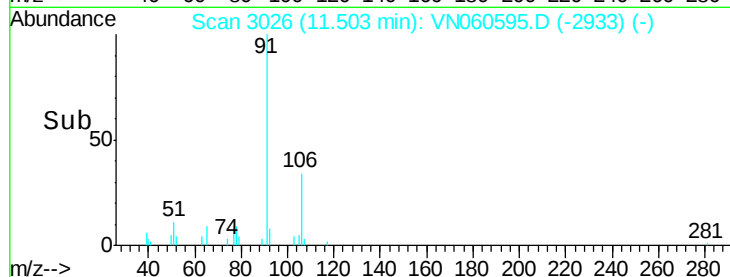
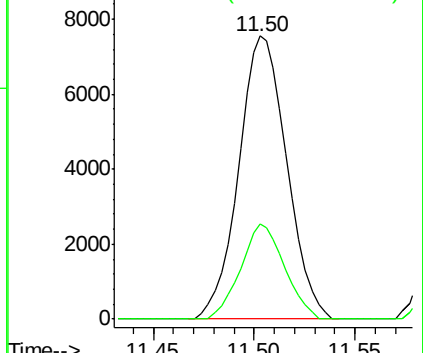
91 100

106 33.6 24.2 36.2



Abundance Ion 91.00 (90.70 to 91.70): VN060565.D (-3011) (-)

Ion 106.00 (105.70 to 106.70): VN060565.D (-3011) (-)



#68

m/p-Xylenes

Concen: 4.880 ug/l

RT: 11.61 min Scan# 3059

Delta R.T. -0.01 min

Lab File: VN060595.D

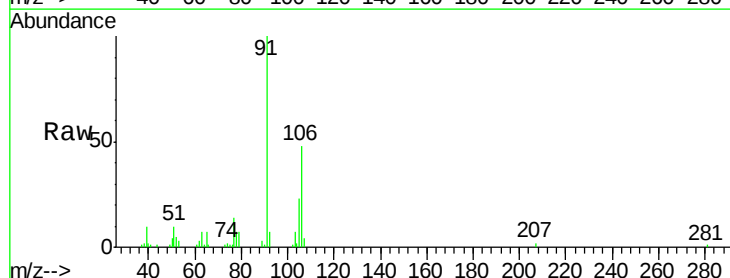
Acq: 18 Mar 2020 16:26

Tgt Ion: 106 Resp: 20729

Ion Ratio Lower Upper

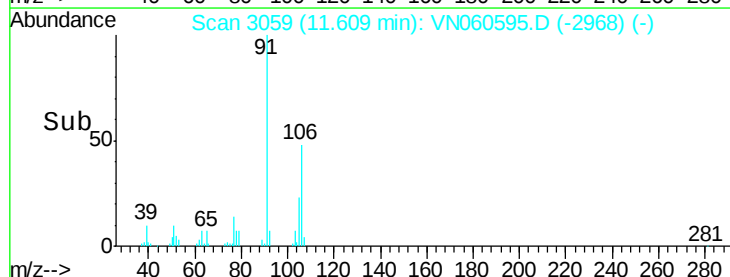
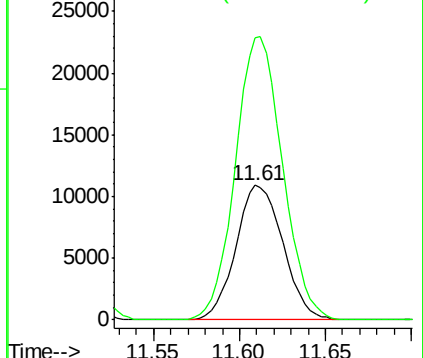
106 100

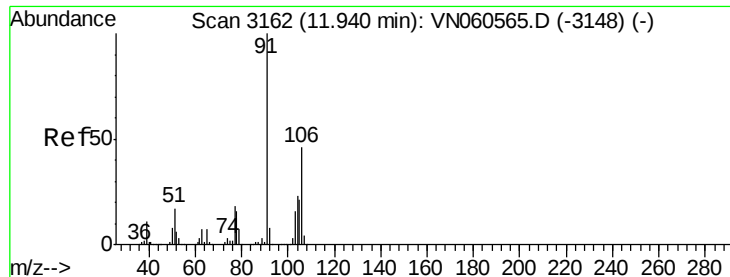
91 210.9 165.0 247.4



Abundance Ion 106.00 (105.70 to 106.70): VN060565.D (-3044) (-)

Ion 91.00 (90.70 to 91.70): VN060565.D (-3044) (-)

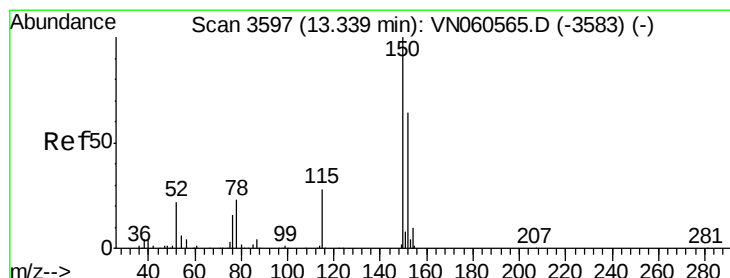
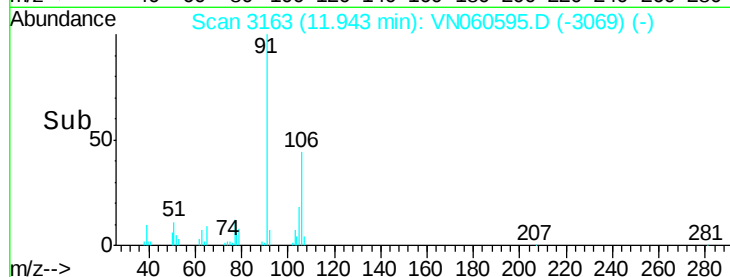
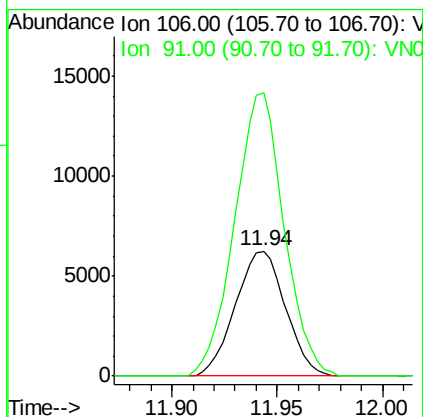
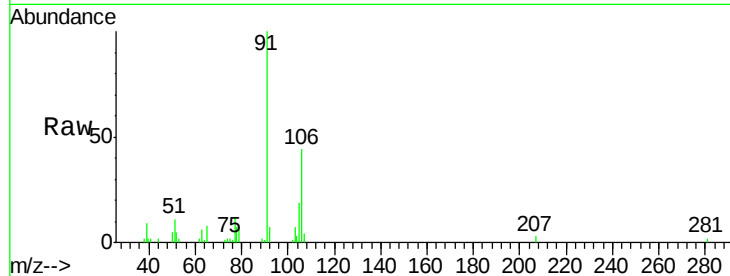




#69
o-Xylene
Concen: 2.550 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN060595.D
Acq: 18 Mar 2020 16:26

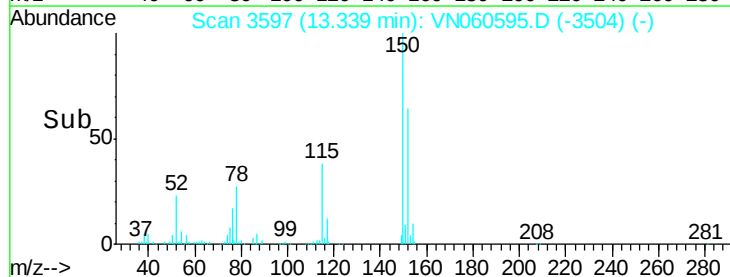
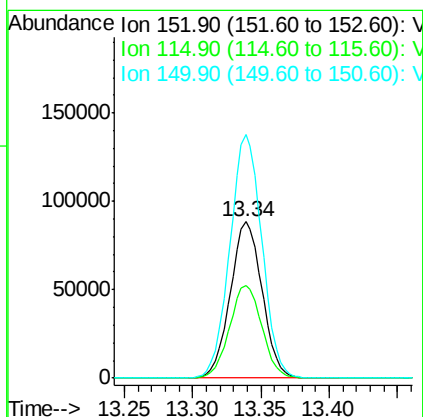
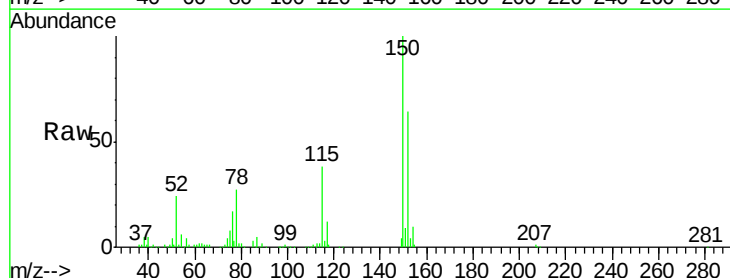
Instrument :
MSVOA_N
ClientSampleId :
CBH-140

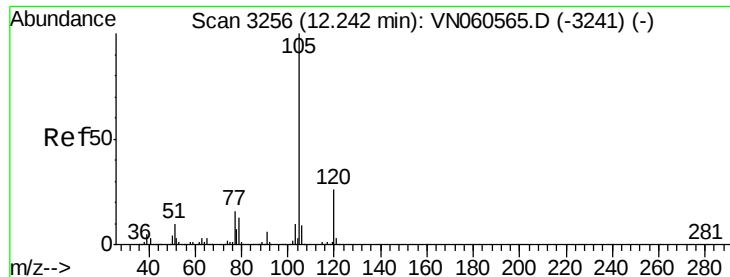
Tot Ion:106 Resp: 10339
Ion Ratio Lower Upper
106 100
91 222.8 109.5 328.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3597
Delta R.T. -0.00 min
Lab File: VN060595.D
Acq: 18 Mar 2020 16:26

Tgt Ion:152 Resp: 143307
Ion Ratio Lower Upper
152 100
115 60.4 30.2 90.6
150 156.6 0.0 350.2





#73

Isopropylbenzene

Concen: 0.394 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN060595.D

Acq: 18 Mar 2020 16:26

Instrument :

MSVOA_N

ClientSampled :

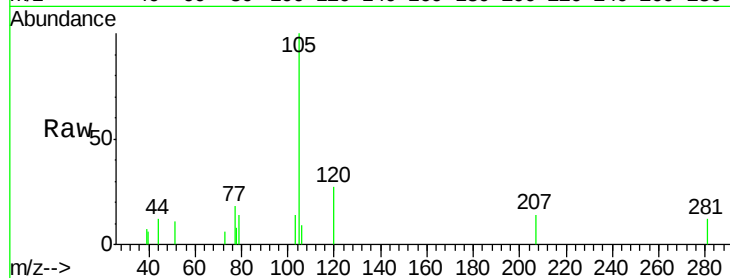
CBH-140

Tot Ion: 105 Resp: 4232

Ion Ratio Lower Upper

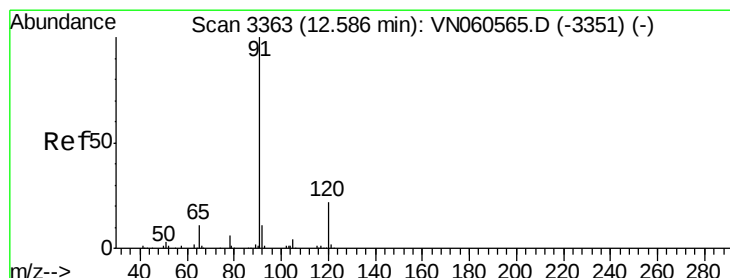
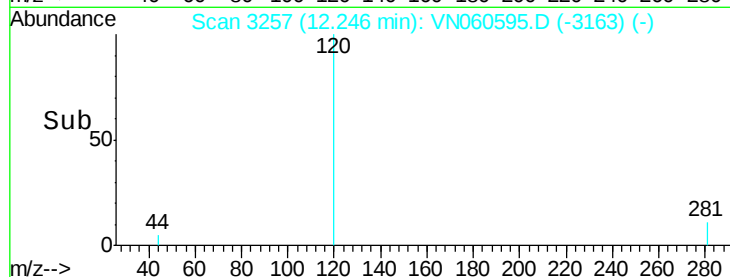
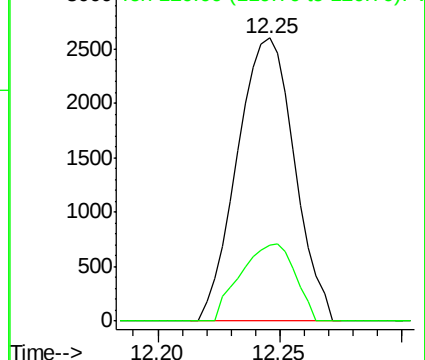
105 100

120 26.0 13.1 39.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 0.377 ug/l

RT: 12.59 min Scan# 3363

Delta R.T. -0.00 min

Lab File: VN060595.D

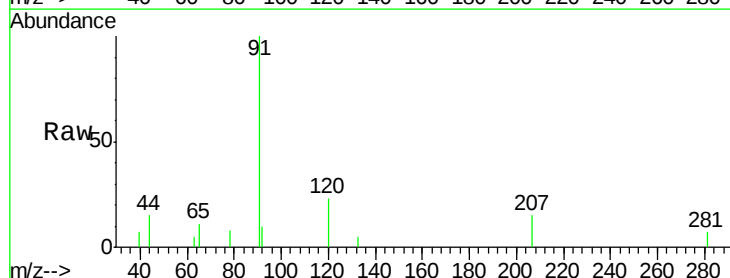
Acq: 18 Mar 2020 16:26

Tgt Ion: 91 Resp: 4788

Ion Ratio Lower Upper

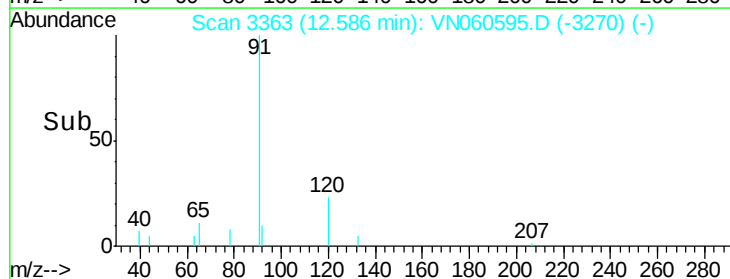
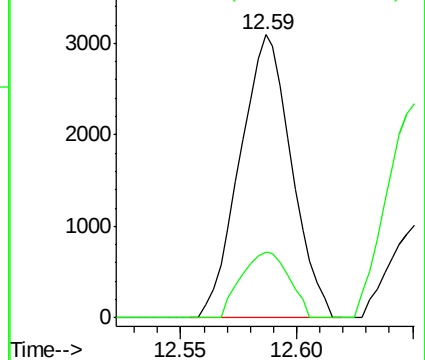
91 100

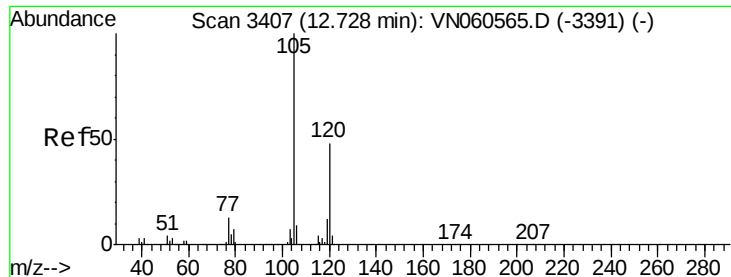
120 21.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.00 (119.70 to 120.70): V





#80

1,3,5-Trimethylbenzene

Concen: 0.579 ug/l

RT: 12.73 min Scan# 3407

Delta R.T. -0.00 min

Lab File: VN060595.D

Acq: 18 Mar 2020 16:26

Instrument :

MSVOA_N

ClientSampleId :

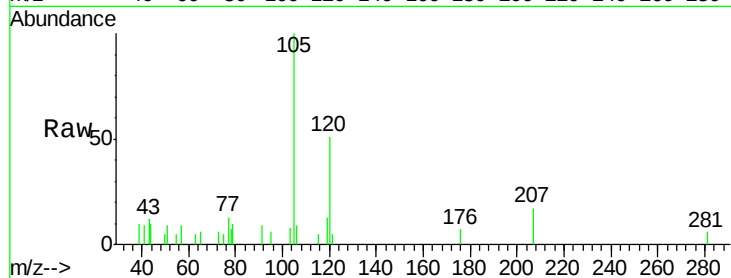
CBH-140

Tot Ion:105 Resp: 5280

Ion Ratio Lower Upper

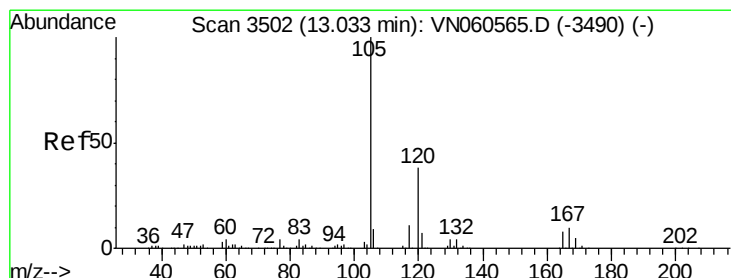
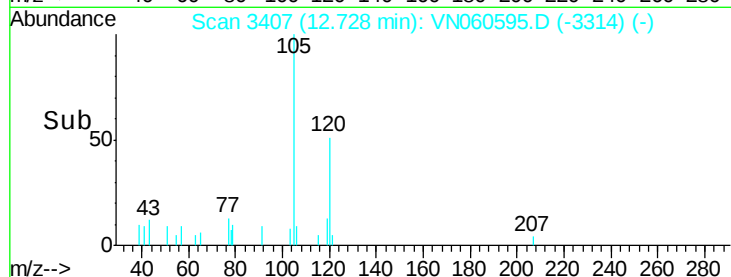
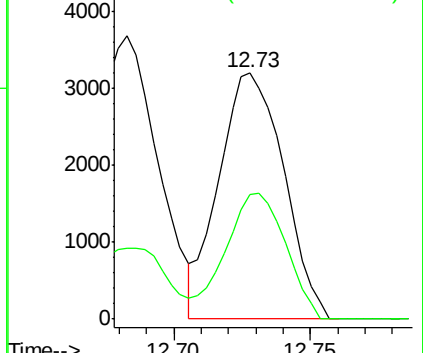
105 100

120 47.5 23.9 71.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#84

1,2,4-Trimethylbenzene

Concen: 2.349 ug/l

RT: 13.04 min Scan# 3503

Delta R.T. 0.00 min

Lab File: VN060595.D

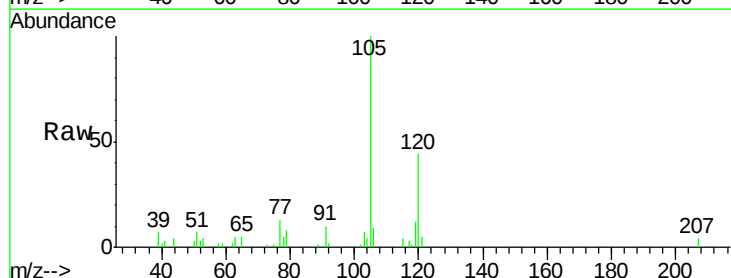
Acq: 18 Mar 2020 16:26

Tgt Ion:105 Resp: 21212

Ion Ratio Lower Upper

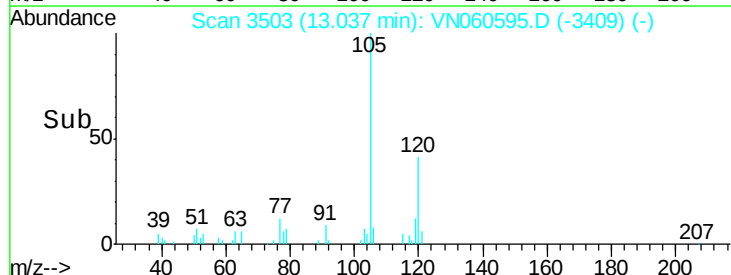
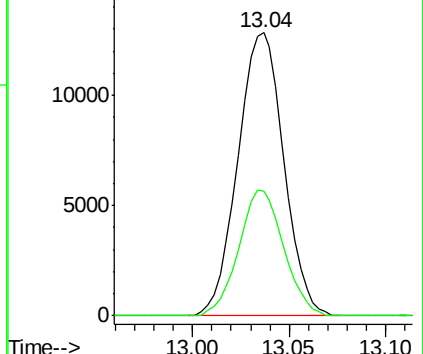
105 100

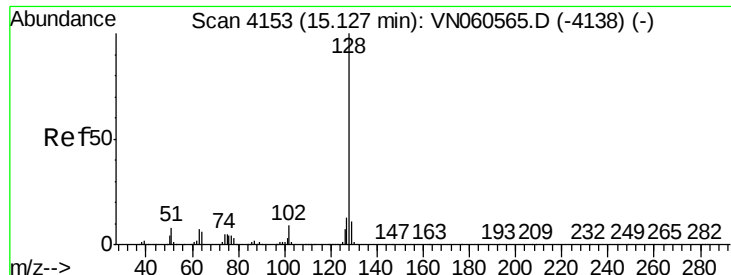
120 43.5 22.1 66.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 0.722 ug/l

RT: 15.13 min Scan# 4153

Delta R.T. -0.00 min

Lab File: VN060595.D

Acq: 18 Mar 2020 16:26

Instrument :

MSVOA_N

ClientSampleId :

CBH-140

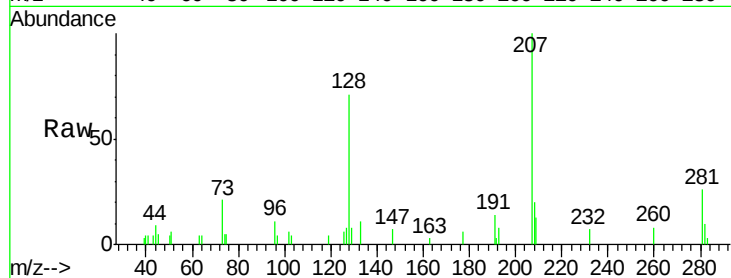
Tot Ion:128 Resp: 5825

Ion Ratio Lower Upper

128 100

127 12.0 10.2 15.2

129 9.4 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

