

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011420\
 Data File : VY001204.D
 Acq On : 14 Jan 2020 15:10
 Operator : SY/MD
 Sample : L1108-04
 Misc : 5.47G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 INWOOD-BH-02-B

Quant Time: Jan 15 02:02:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y011020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 10 16:01:58 2020
 Response via : Initial Calibration

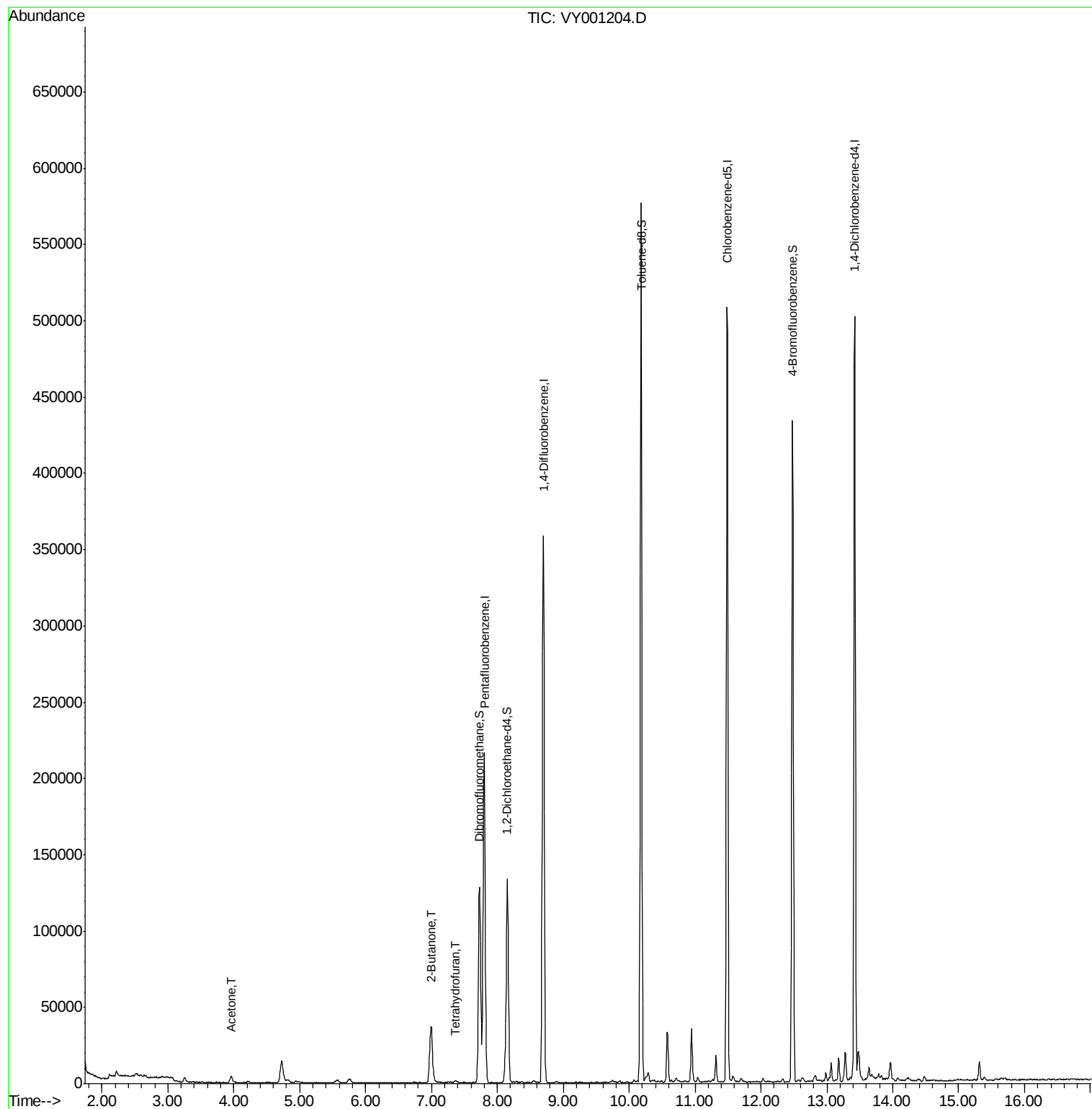
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	171803	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	314909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	283032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	124377	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	98001	54.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.02%	
35) Dibromofluoromethane	7.73	113	93145	50.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.04%	
50) Toluene-d8	10.18	98	369795	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.10%	
62) 4-Bromofluorobenzene	12.48	95	131779	45.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.74%	
Target Compounds						
16) Acetone	3.96	43	7341	17.420	ug/l	94
25) 2-Butanone	6.99	43	2513	3.832	ug/l #	75
29) Tetrahydrofuran	7.36	42	1176	2.616	ug/l	94

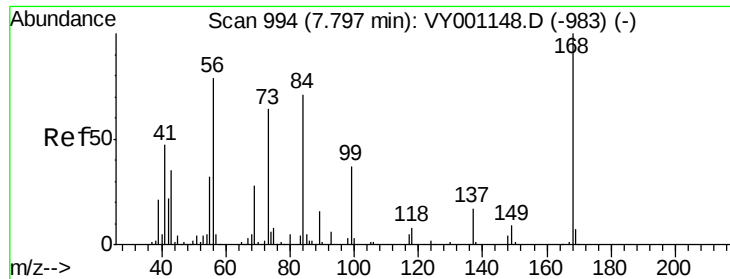
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001204.D

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ClientSampleId :

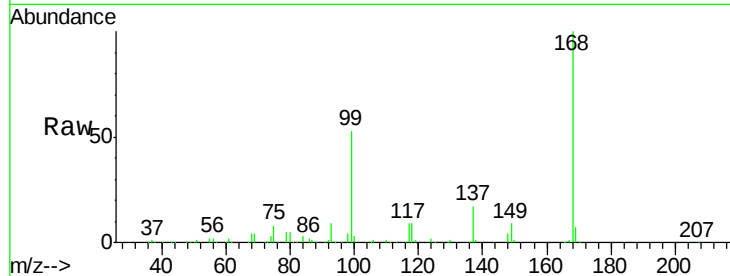
INWOOD-BH-02-B

Tot Ion:168 Resp: 171803

Ion Ratio Lower Upper

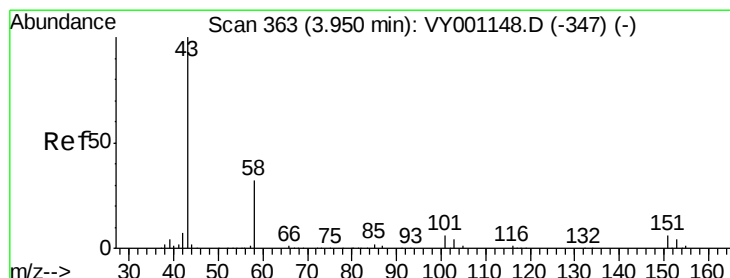
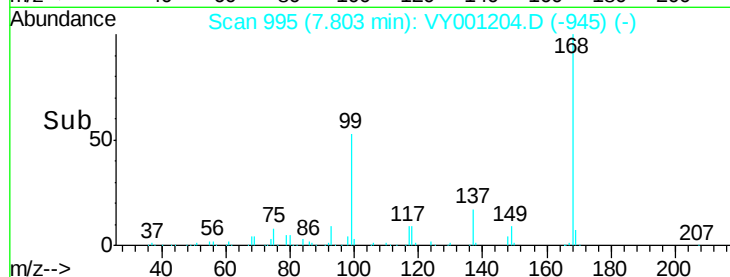
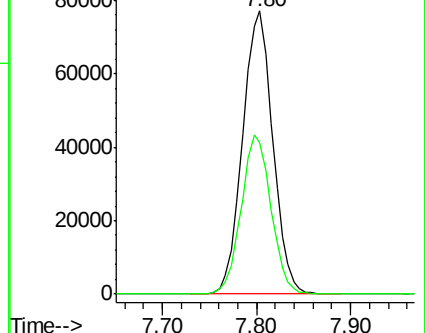
168 100

99 53.4 47.9 71.9



Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)



#16

Acetone

Concen: 17.420 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001204.D

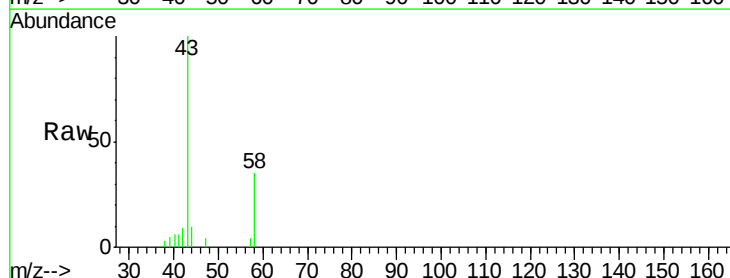
Acq: 14 Jan 2020 15:10

Tgt Ion: 43 Resp: 7341

Ion Ratio Lower Upper

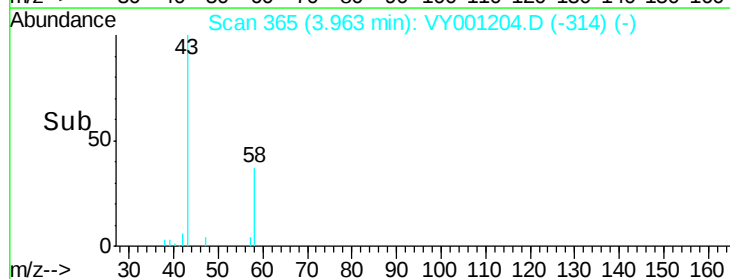
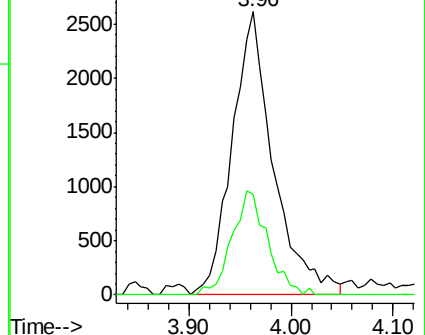
43 100

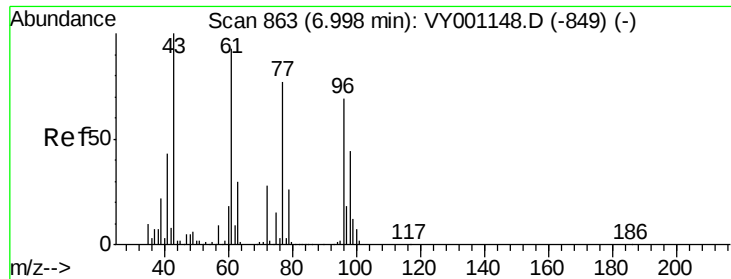
58 35.5 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VY001148.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY001148.D (-347) (-)





#25

2-Butanone

Concen: 3.832 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY001204.D

Acq: 14 Jan 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

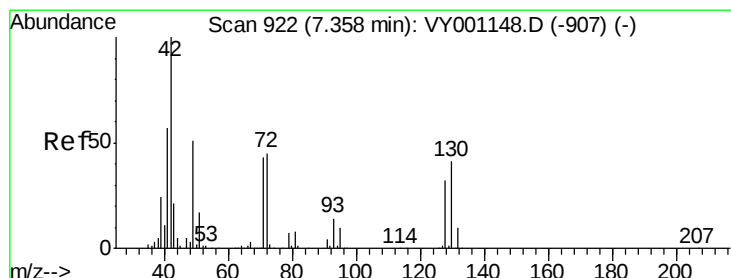
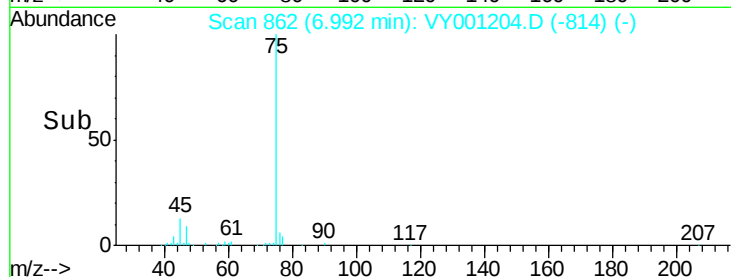
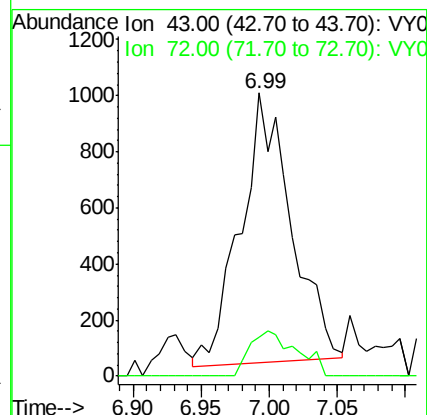
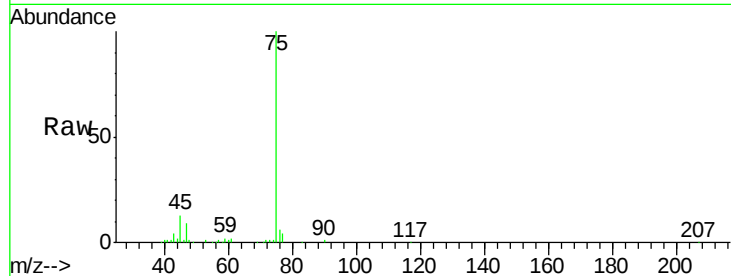
INWOOD-BH-02-B

Tot Ion: 43 Resp: 2513

Ion Ratio Lower Upper

43 100

72 14.5 22.2 33.2#



#29

Tetrahydrofuran

Concen: 2.616 ug/l

RT: 7.36 min Scan# 922

Delta R.T. 0.00 min

Lab File: VY001204.D

Acq: 14 Jan 2020 15:10

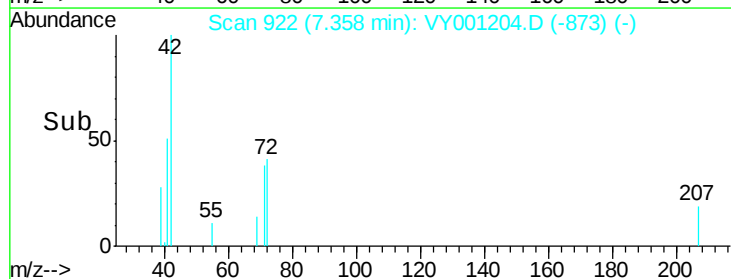
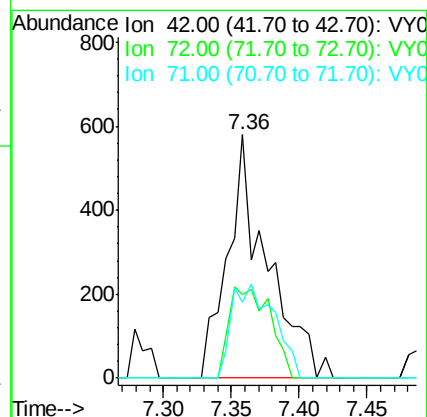
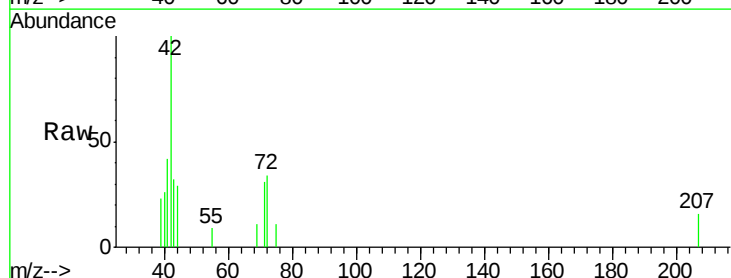
Tgt Ion: 42 Resp: 1176

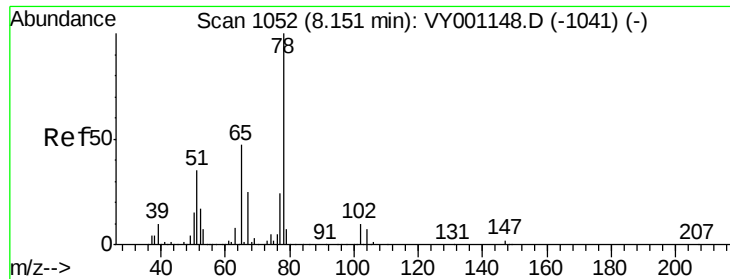
Ion Ratio Lower Upper

42 100

72 38.8 36.9 55.3

71 41.6 34.0 51.0

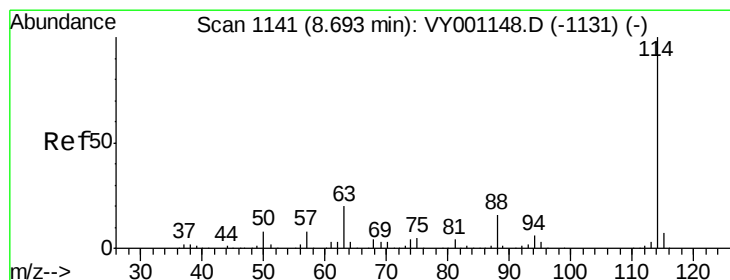
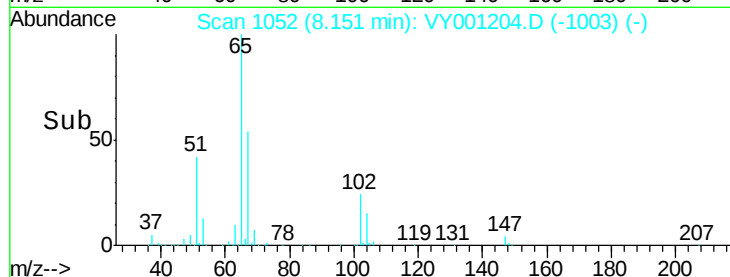
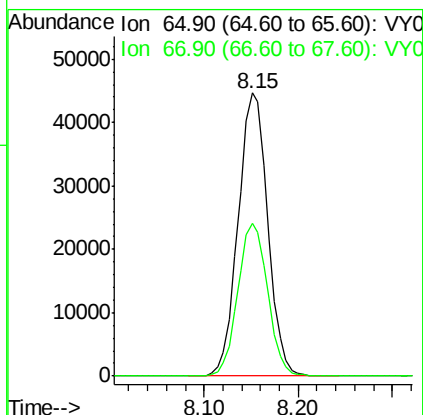
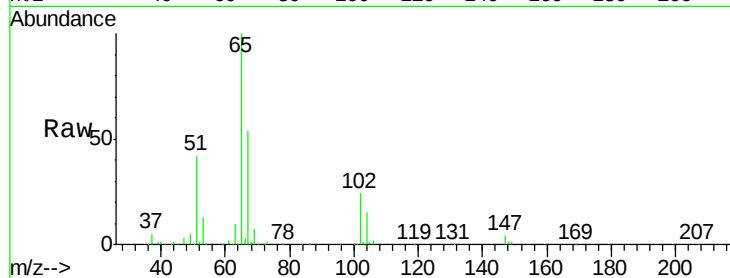




#33
 1,2-Dichloroethane-d4
 Concen: 54.009 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001204.D
 Acq: 14 Jan 2020 15:10

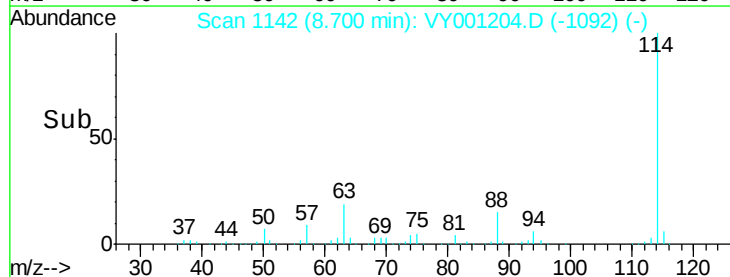
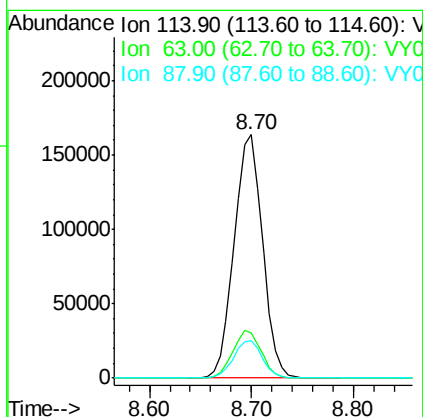
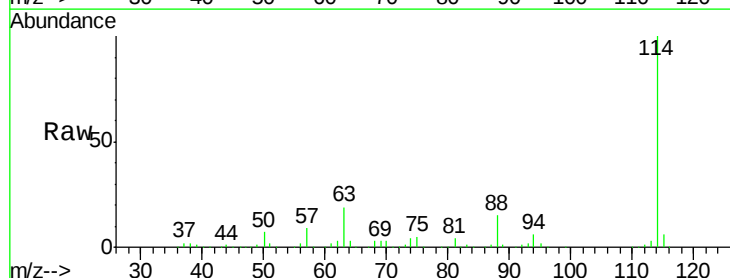
Instrument :
 MSVOA_Y
 ClientSampleId :
 INWOOD-BH-02-B

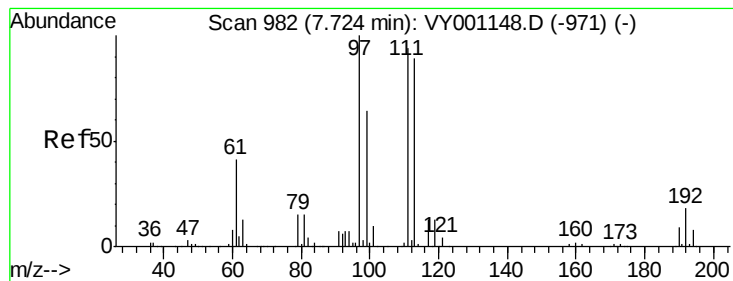
Tot Ion: 65 Resp: 98001
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001204.D
 Acq: 14 Jan 2020 15:10

Tgt Ion: 114 Resp: 314909
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 40.8
 88 15.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.518 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001204.D

Acq: 14 Jan 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

INWOOD-BH-02-B

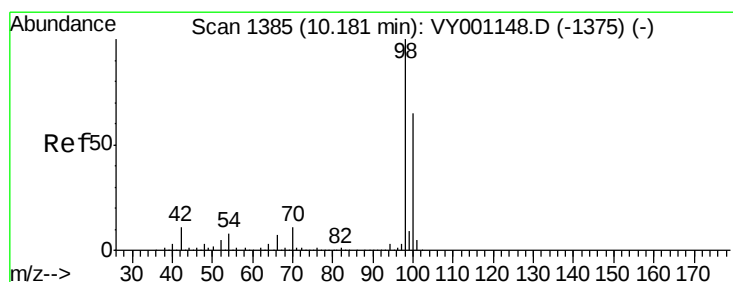
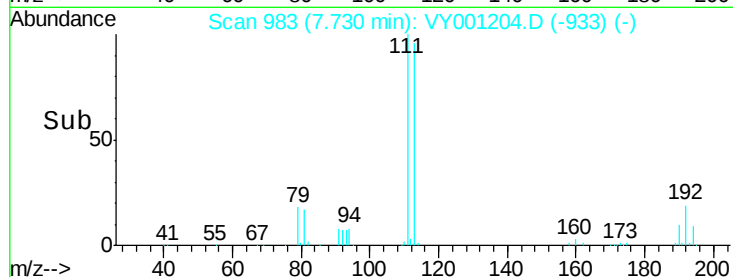
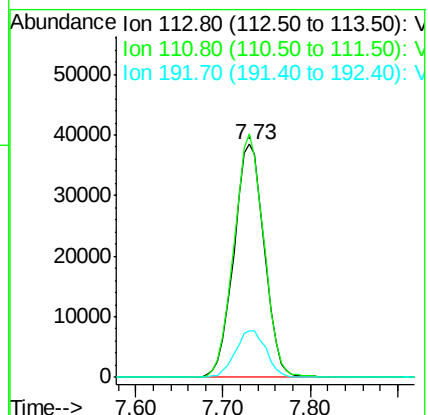
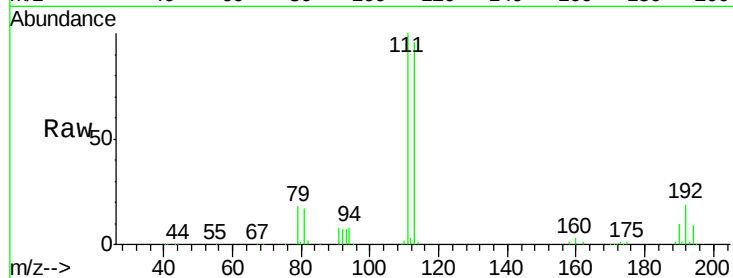
Tot Ion:113 Resp: 93145

Ion Ratio Lower Upper

113 100

111 102.3 82.9 124.3

192 20.3 15.4 23.2



#50

Toluene-d8

Concen: 52.052 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001204.D

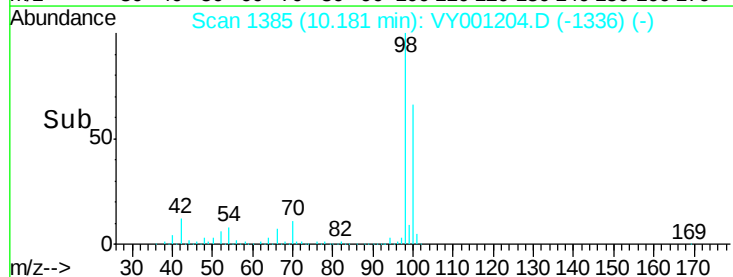
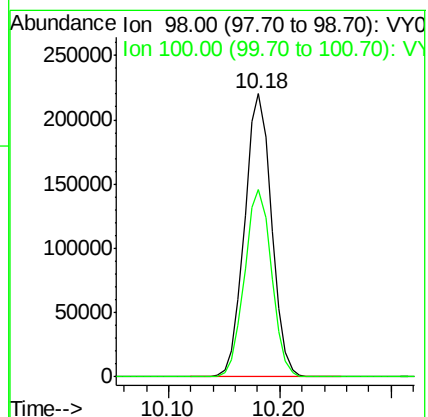
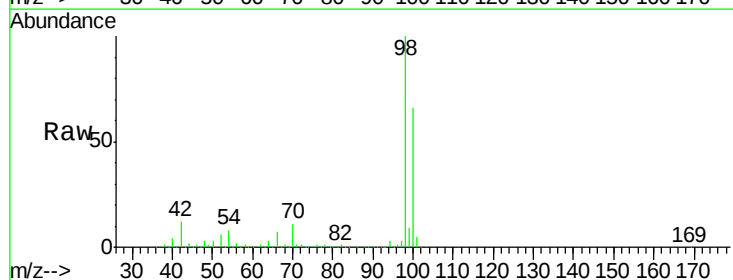
Acq: 14 Jan 2020 15:10

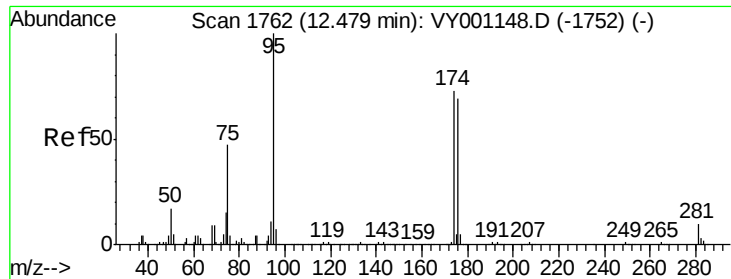
Tgt Ion: 98 Resp: 369795

Ion Ratio Lower Upper

98 100

100 66.4 53.1 79.7

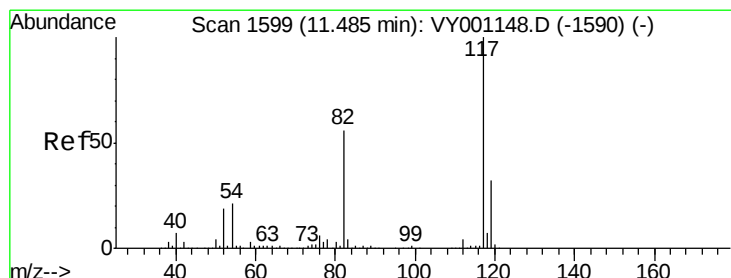
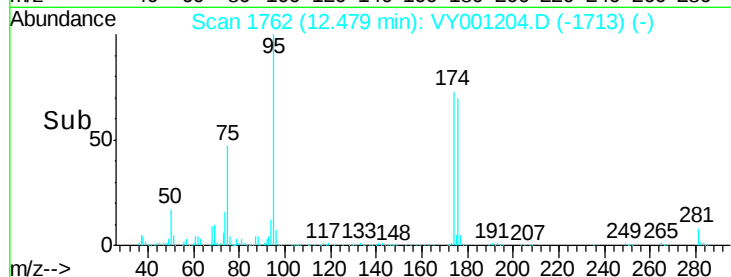
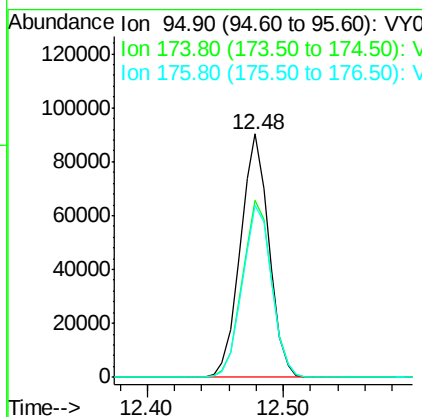
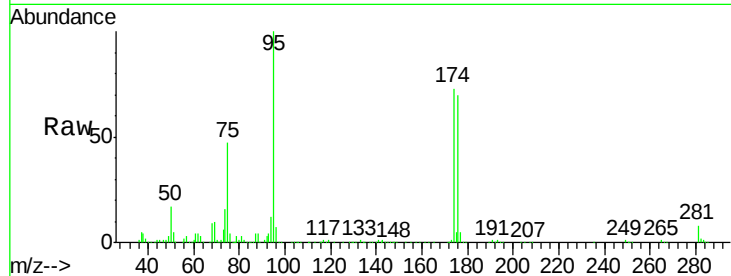




#62
4-Bromofluorobenzene
Concen: 45.371 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001204.D
Acq: 14 Jan 2020 15:10

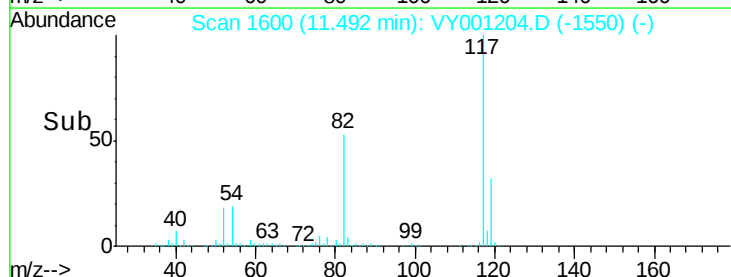
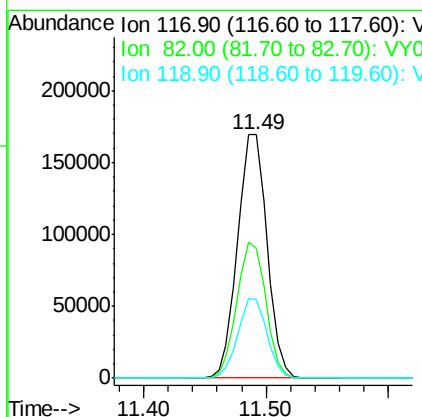
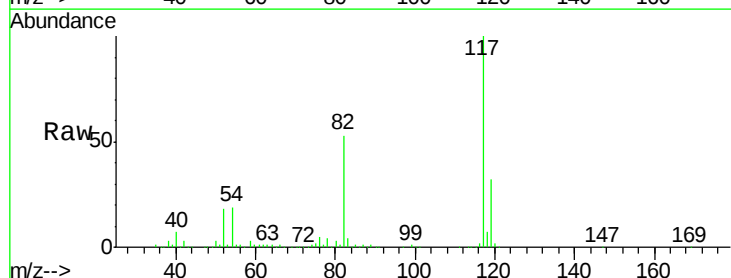
Instrument :
MSVOA_Y
ClientSampleId :
INWOOD-BH-02-B

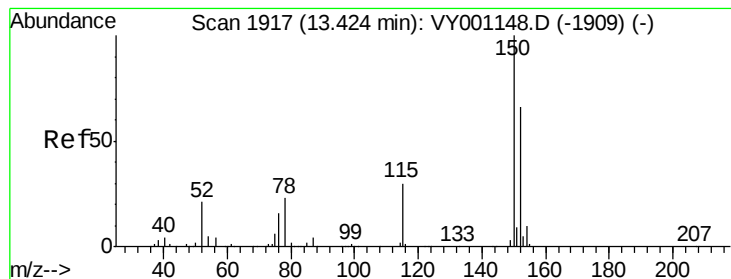
Tot Ion: 95 Resp: 131779
Ion Ratio Lower Upper
95 100
174 75.0 0.0 143.2
176 73.0 0.0 136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001204.D
Acq: 14 Jan 2020 15:10

Tgt Ion: 117 Resp: 283032
Ion Ratio Lower Upper
117 100
82 53.1 44.9 67.3
119 32.0 25.7 38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY001204.D

Acq: 14 Jan 2020 15:10

Instrument :

MSVOA_Y

ClientSampleId :

INWOOD-BH-02-B

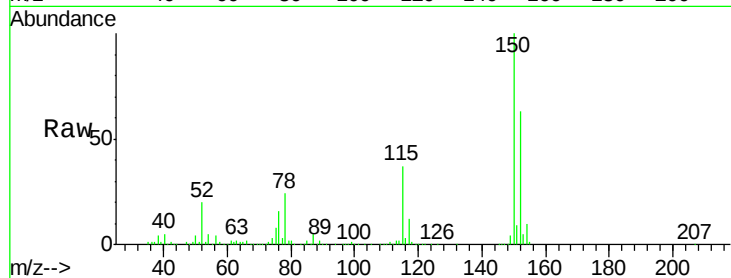
Tot Ion:152 Resp: 124377

Ion Ratio Lower Upper

152 100

115 60.5 30.9 92.5

150 157.7 0.0 346.8



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

