

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011420\
 Data File : VY001200.D
 Acq On : 14 Jan 2020 13:42
 Operator : SY/MD
 Sample : L1108-06
 Misc : 2.67G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 INWOOD-BH-03-B

Quant Time: Jan 15 01:55:43 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

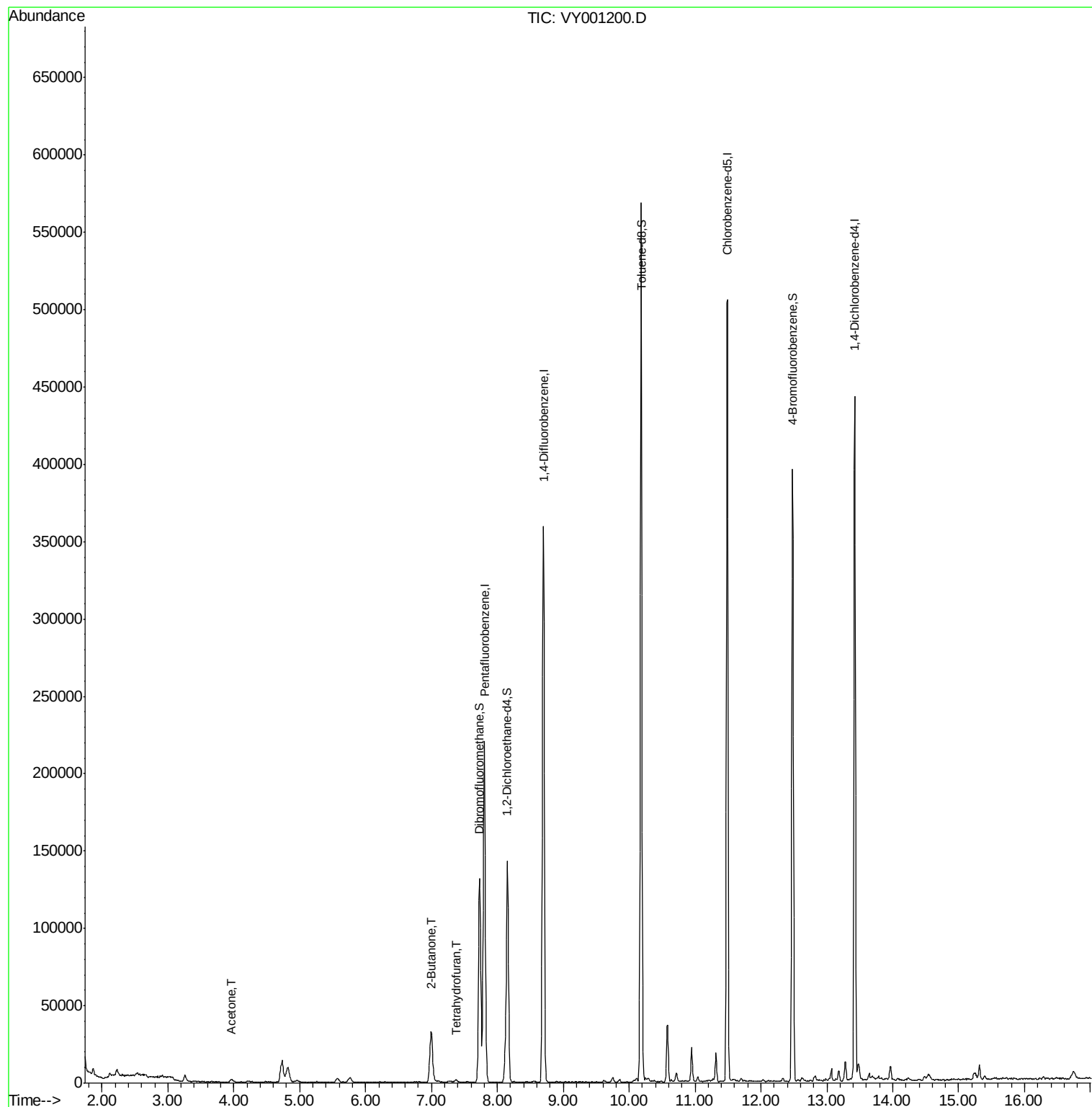
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	171319	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	314320	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	279198	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	109797	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	98636	54.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.02%	
35) Dibromofluoromethane	7.73	113	94459	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
50) Toluene-d8	10.18	98	366787	51.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.44%	
62) 4-Bromofluorobenzene	12.48	95	123124	42.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.94%	
Target Compounds						
16) Acetone	3.96	43	3315	7.889	ug/l	99
25) 2-Butanone	7.00	43	2735	4.182	ug/l #	72
29) Tetrahydrofuran	7.37	42	1251	2.791	ug/l #	83

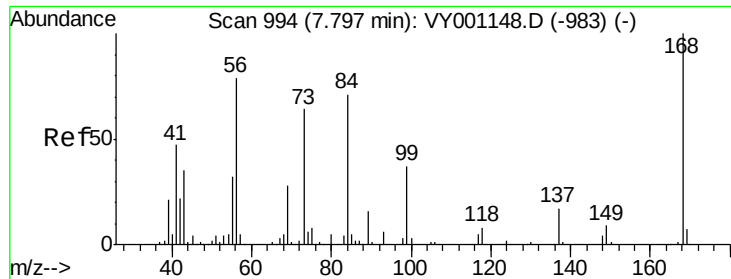
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001200.D

Acq: 14 Jan 2020 13:42

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MSVOA_Y

ClientSampleId :

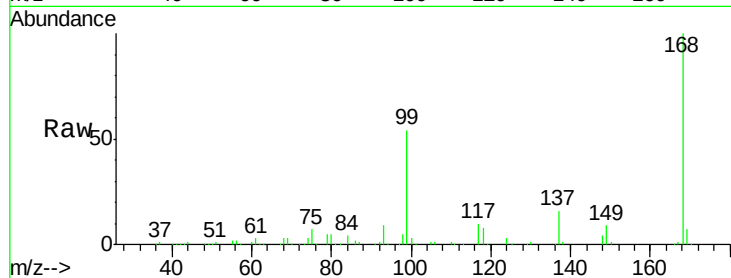
INWOOD-BH-03-B

Tot Ion:168 Resp: 171319

Ion Ratio Lower Upper

168 100

99 54.2 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) (-)

7.80

80000

60000

40000

20000

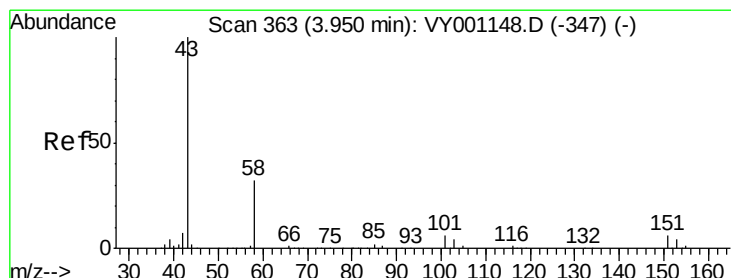
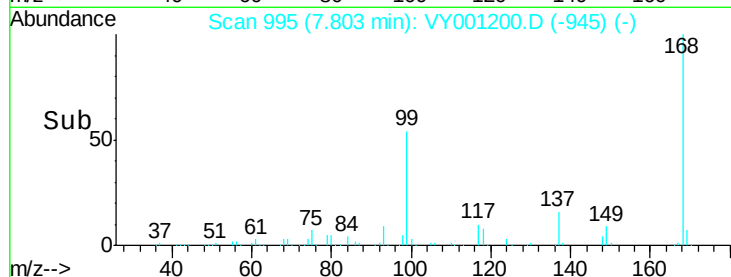
0

Time-->

7.70

7.80

7.90



#16

Acetone

Concen: 7.889 ug/l

RT: 3.96 min Scan# 365

Delta R.T. 0.01 min

Lab File: VY001200.D

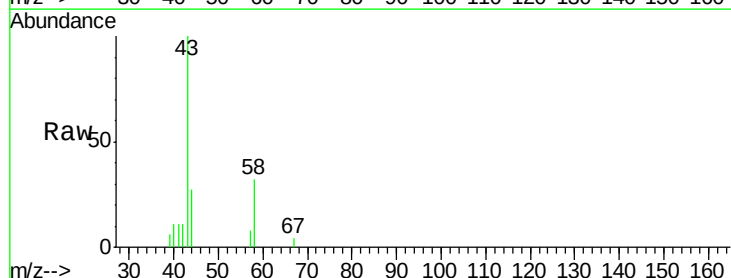
Acq: 14 Jan 2020 13:42

Tgt Ion: 43 Resp: 3315

Ion Ratio Lower Upper

43 100

58 32.5 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) (-)

3.96

1000

500

0

Time-->

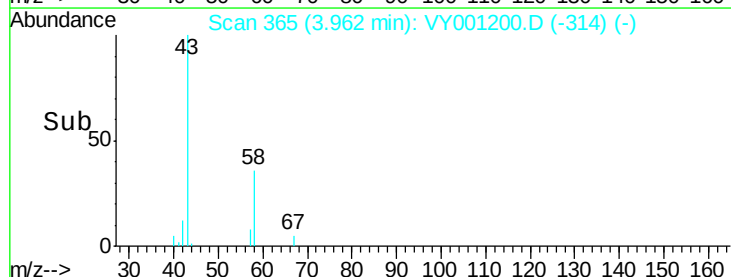
3.85

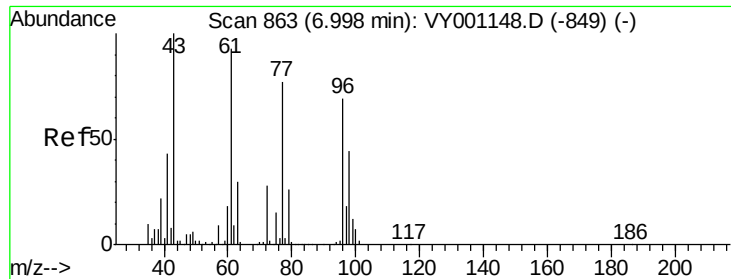
3.90

3.95

4.00

4.05

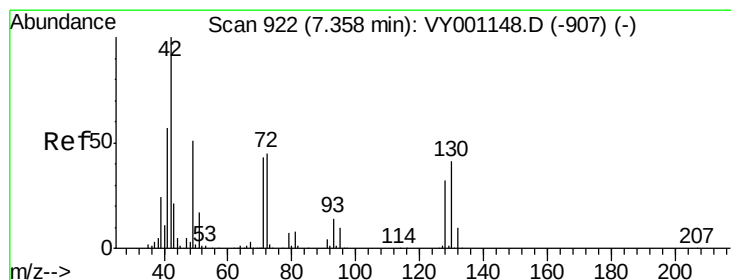
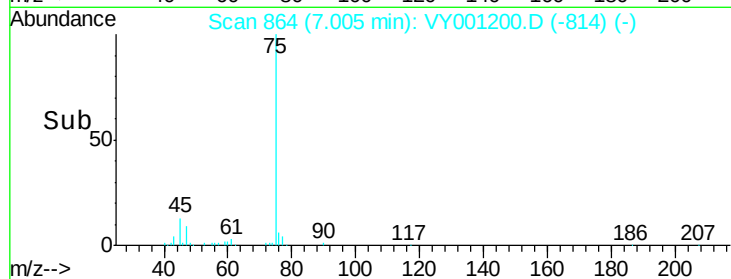
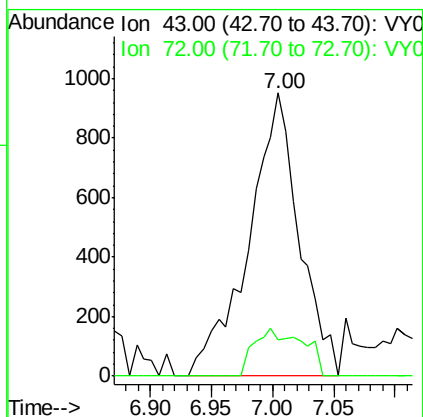
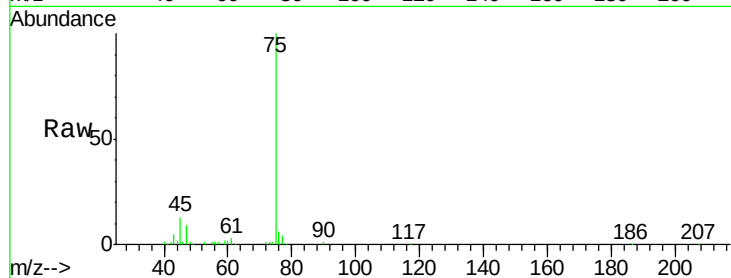




#25
2-Butanone
Concen: 4.182 ug/l
RT: 7.00 min Scan# 864
Delta R.T. 0.01 min
Lab File: VY001200.D
Acq: 14 Jan 2020 13:42

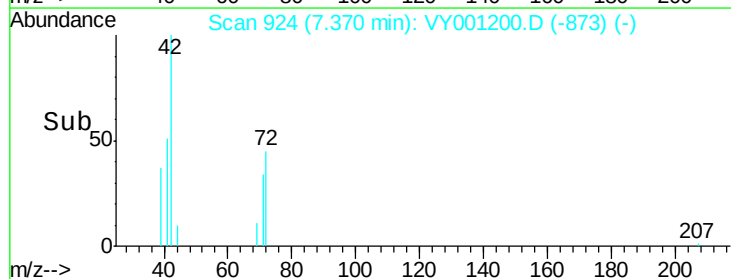
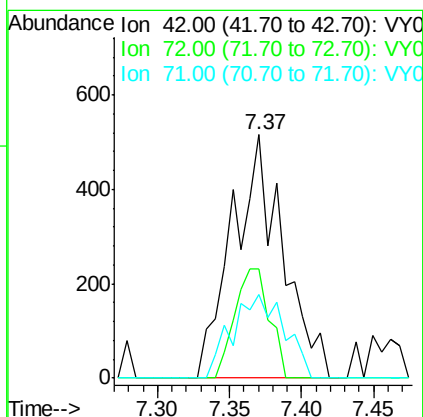
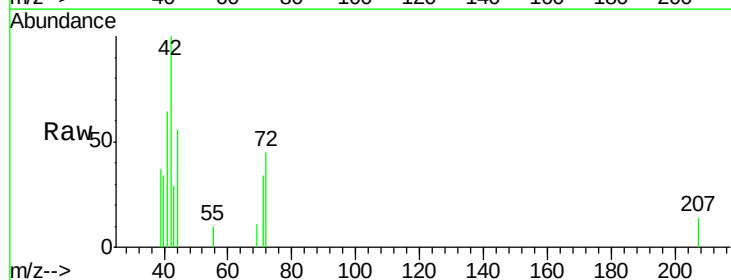
Instrument :
MSVOA_Y
ClientSampleId :
INWOOD-BH-03-B

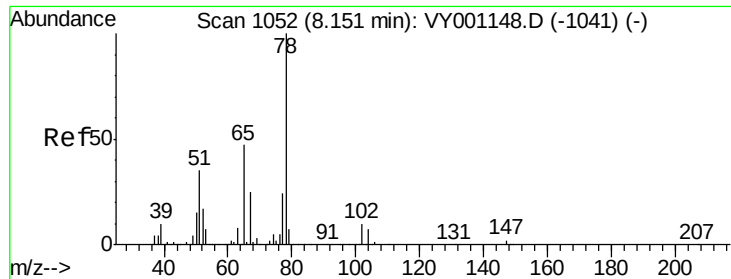
Tot Ion: 43 Resp: 2735
Ion Ratio Lower Upper
43 100
72 12.9 22.2 33.2#



#29
Tetrahydrofuran
Concen: 2.791 ug/l
RT: 7.37 min Scan# 924
Delta R.T. 0.01 min
Lab File: VY001200.D
Acq: 14 Jan 2020 13:42

Tgt Ion: 42 Resp: 1251
Ion Ratio Lower Upper
42 100
72 31.0 36.9 55.3#
71 36.1 34.0 51.0

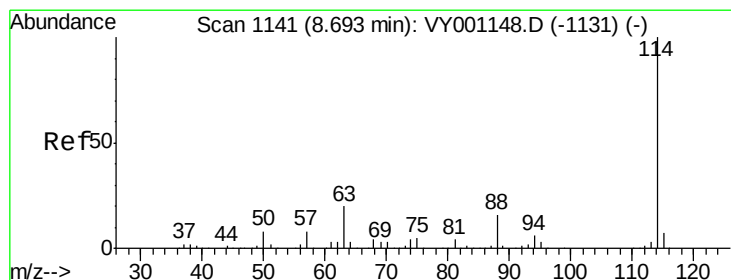
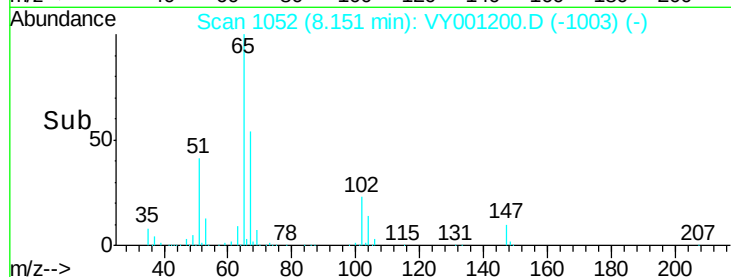
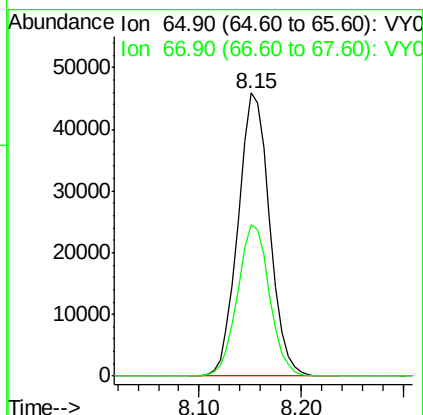
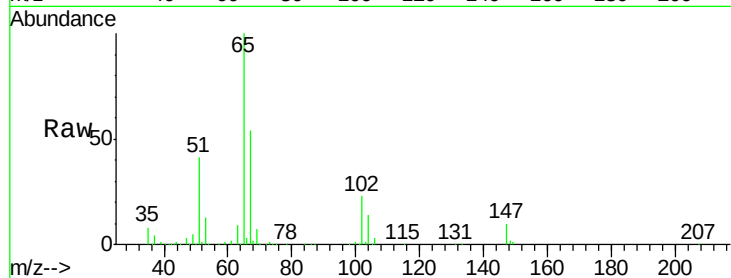




#33
 1,2-Dichloroethane-d4
 Concen: 54.512 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY001200.D
 Acq: 14 Jan 2020 13:42

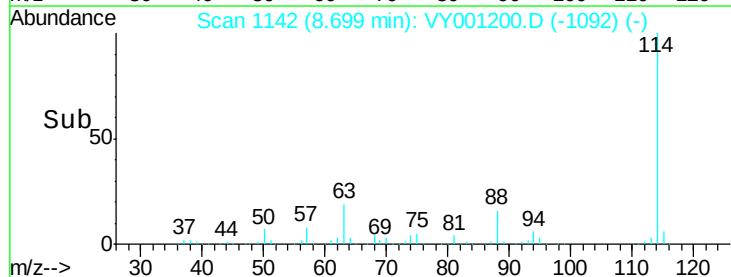
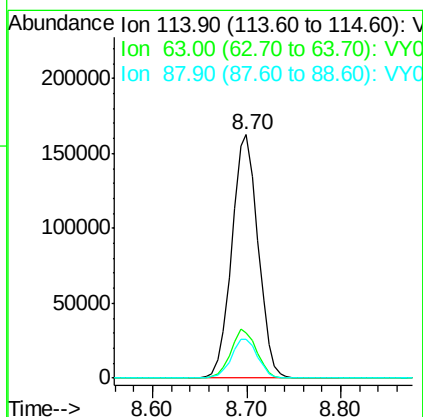
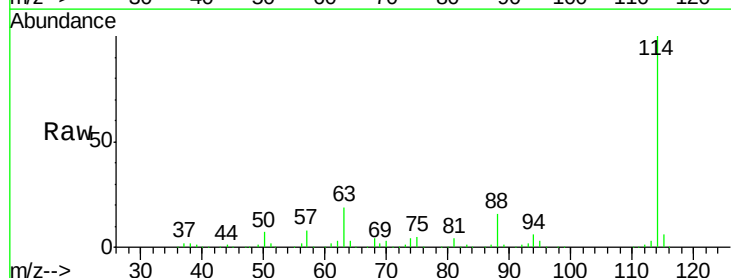
Instrument :
 MSVOA_Y
 ClientSampleId :
 INWOOD-BH-03-B

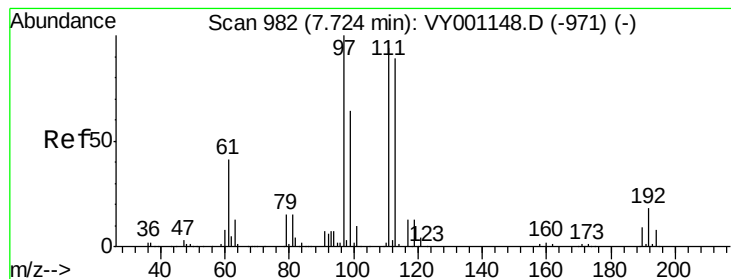
Tot Ion: 65 Resp: 98636
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001200.D
 Acq: 14 Jan 2020 13:42

Tgt Ion: 114 Resp: 314320
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 40.8
 88 16.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.327 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001200.D

Acq: 14 Jan 2020 13:42

Instrument :

MSVOA_Y

ClientSampleId :

INWOOD-BH-03-B

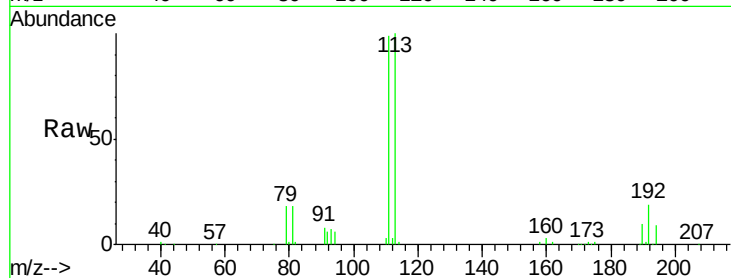
Tot Ion:113 Resp: 94459

Ion Ratio Lower Upper

113 100

111 103.5 82.9 124.3

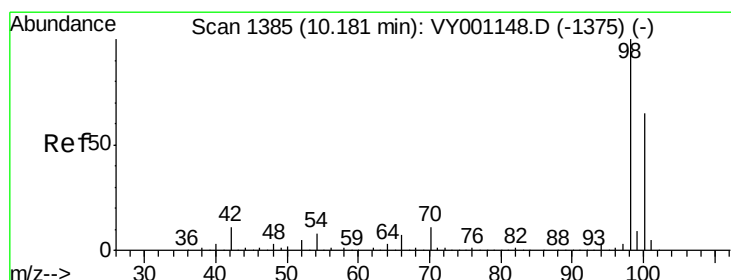
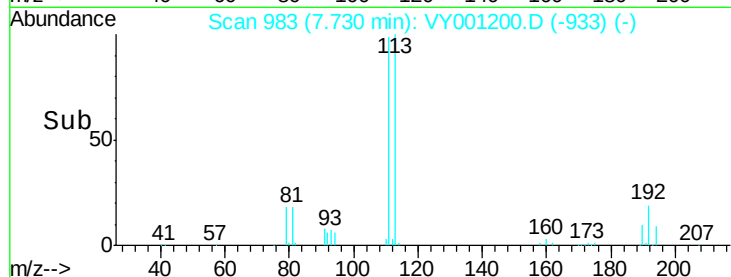
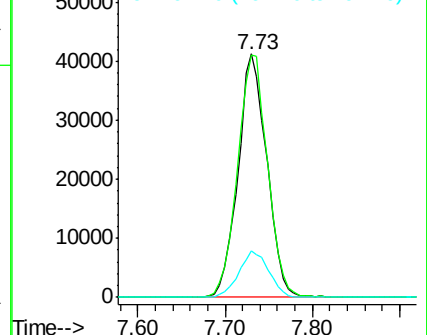
192 19.8 15.4 23.2



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



#50

Toluene-d8

Concen: 51.725 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY001200.D

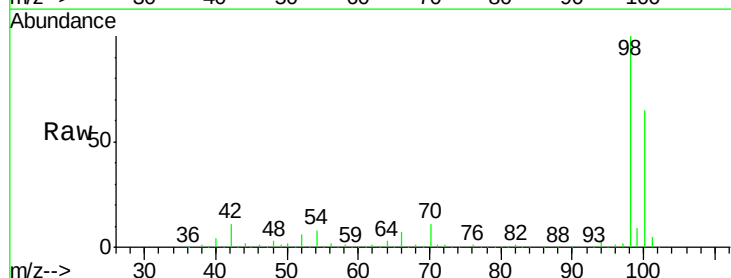
Acq: 14 Jan 2020 13:42

Tgt Ion: 98 Resp: 366787

Ion Ratio Lower Upper

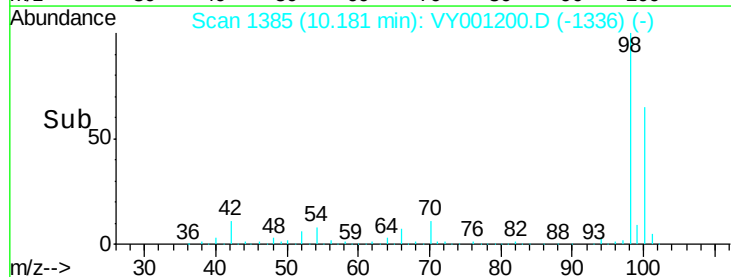
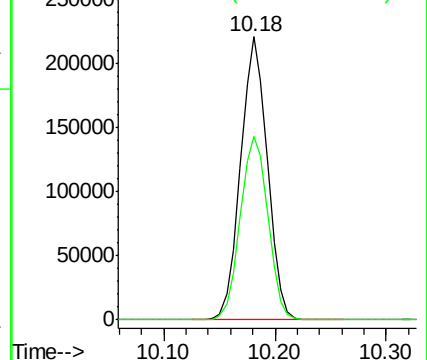
98 100

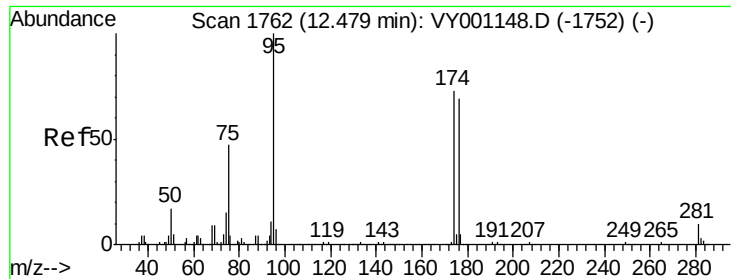
100 66.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

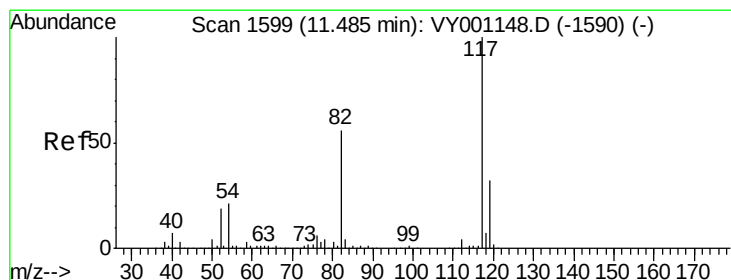
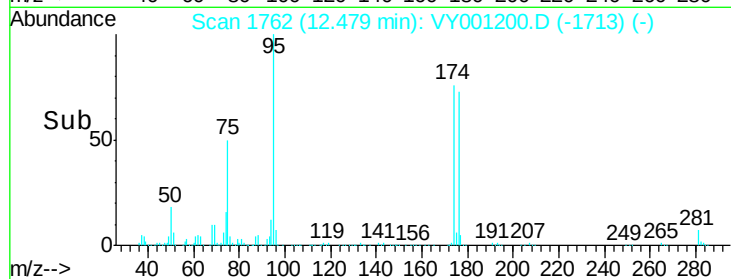
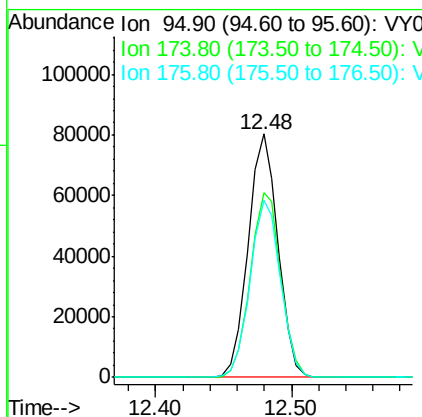
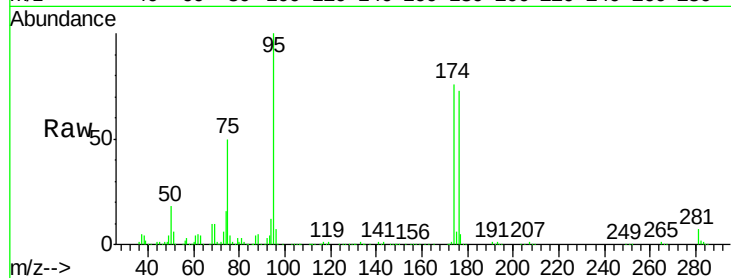




#62
4-Bromofluorobenzene
Concen: 42.470 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. 0.00 min
Lab File: VY001200.D
Acq: 14 Jan 2020 13:42

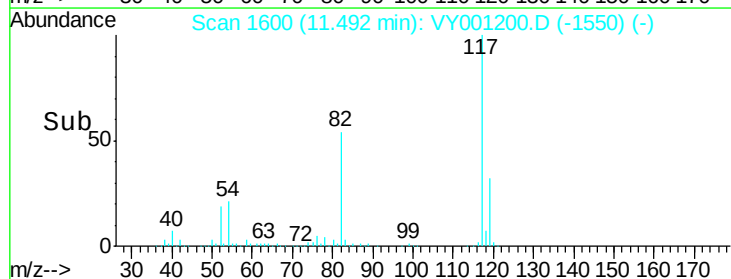
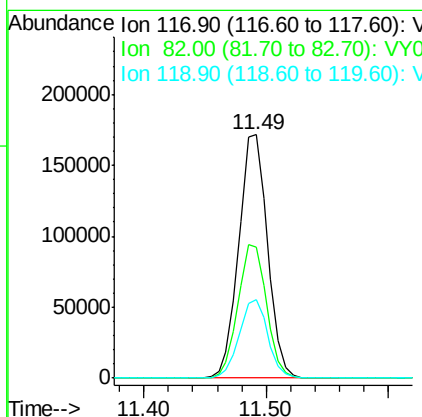
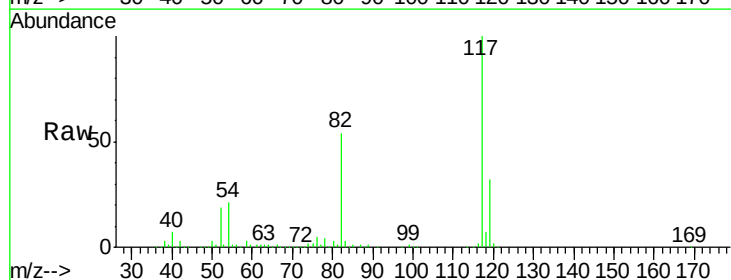
Instrument :
MSVOA_Y
ClientSampleId :
INWOOD-BH-03-B

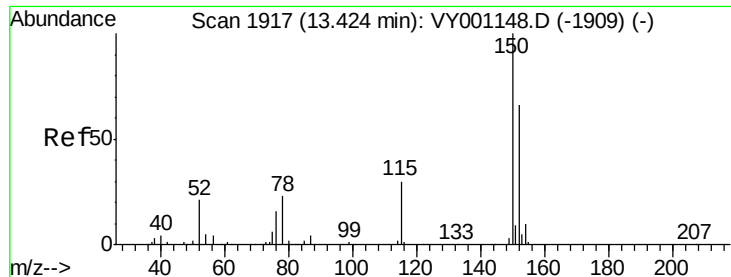
Tot Ion	95	Resp	123124
Ion Ratio	Lower	Upper	
95	100		
174	77.8	0.0	143.2
176	74.4	0.0	136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001200.D
Acq: 14 Jan 2020 13:42

Tgt Ion	117	Resp	279198
Ion Ratio	Lower	Upper	
117	100		
82	53.6	44.9	67.3
119	32.1	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: VY001200.D
 Acq: 14 Jan 2020 13:42

Instrument :
 MSVOA_Y
 ClientSampleId :
 INWOOD-BH-03-B

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.5	30.9	92.5
150	156.2	0.0	346.8

