

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011420\
 Data File : VY001203.D
 Acq On : 14 Jan 2020 14:48
 Operator : SY/MD
 Sample : L1108-03
 Misc : 5.13G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jan 15 02:01:08 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

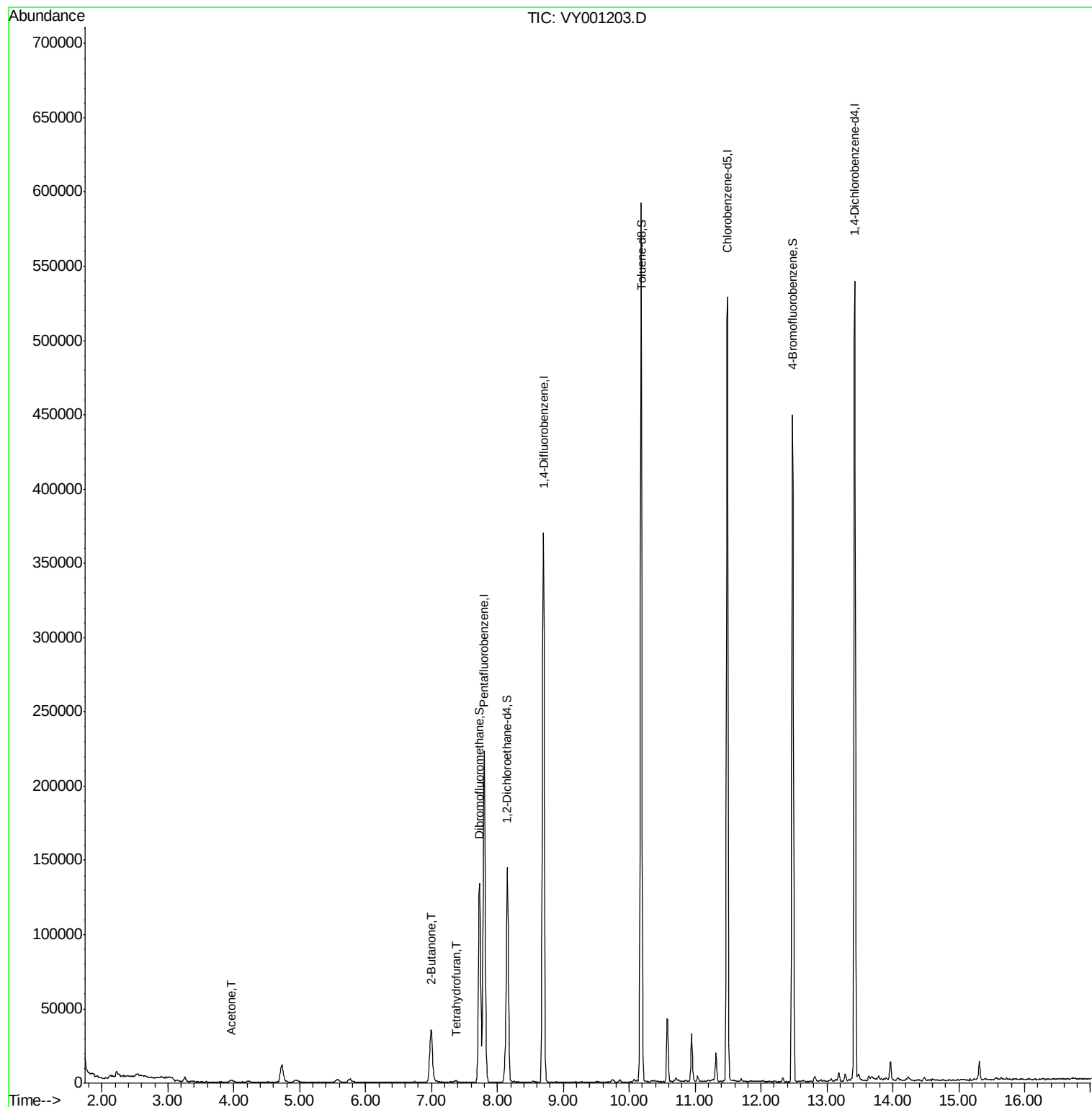
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	176233	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	324003	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	297276	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	137385	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	102255	54.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.88%	
35) Dibromofluoromethane	7.73	113	96950	51.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.22%	
50) Toluene-d8	10.18	98	380699	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
62) 4-Bromofluorobenzene	12.48	95	140612	47.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.10%	
Target Compounds						
16) Acetone	3.97	43	3161	7.312	ug/l	94
25) 2-Butanone	6.99	43	2658	3.951	ug/l #	81
29) Tetrahydrofuran	7.37	42	889	1.928	ug/l	96

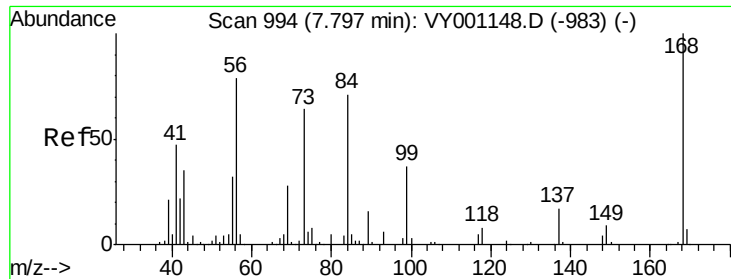
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001203.D

Acq: 14 Jan 2020 14:48

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MSVOA_Y

ClientSampleId :

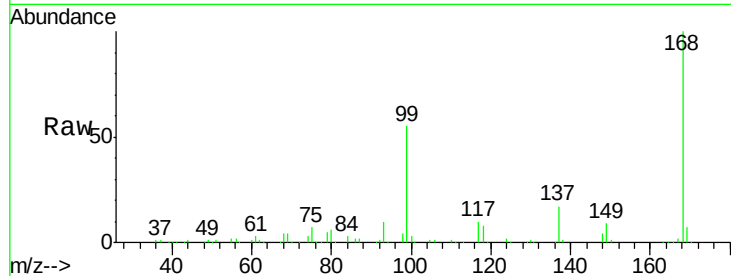
INWOOD-BH-02-A

Tot Ion:168 Resp: 176233

Ion Ratio Lower Upper

168 100

99 54.8 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

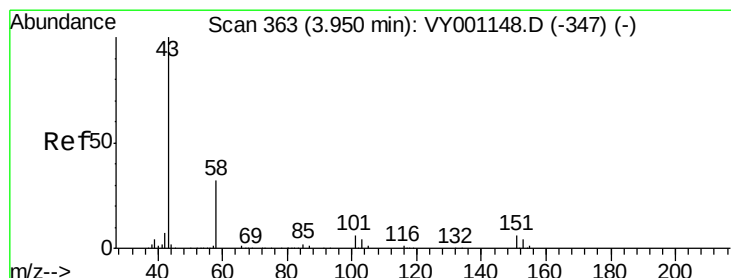
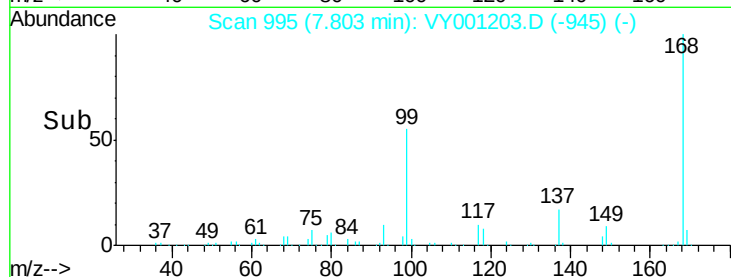
40000

20000

0

7.70 7.80 7.90

Time-->



#16

Acetone

Concen: 7.312 ug/l

RT: 3.97 min Scan# 366

Delta R.T. 0.02 min

Lab File: VY001203.D

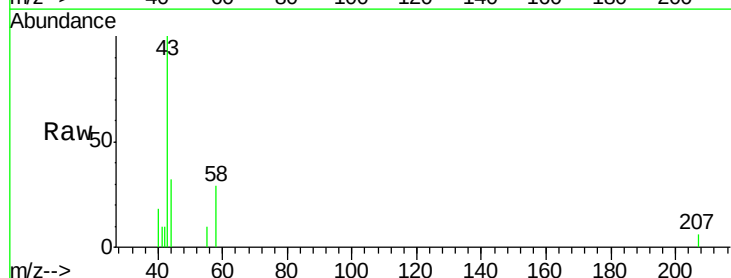
Acq: 14 Jan 2020 14:48

Tgt Ion: 43 Resp: 3161

Ion Ratio Lower Upper

43 100

58 28.9 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) (-)

3.97

1000

800

600

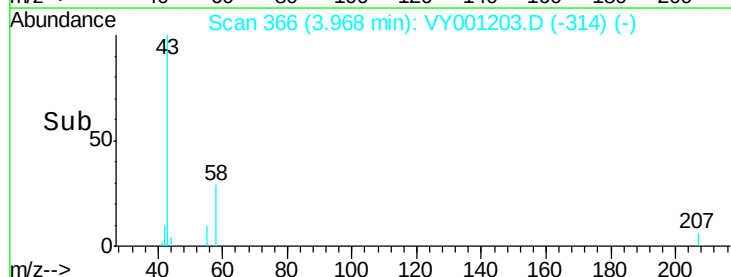
400

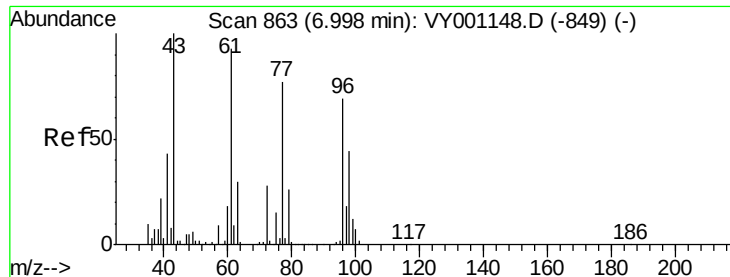
200

0

3.90 3.97 4.00

Time-->





#25

2-Butanone

Concen: 3.951 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY001203.D

Acq: 14 Jan 2020 14:48

Instrument :

MSVOA_Y

ClientSampleId :

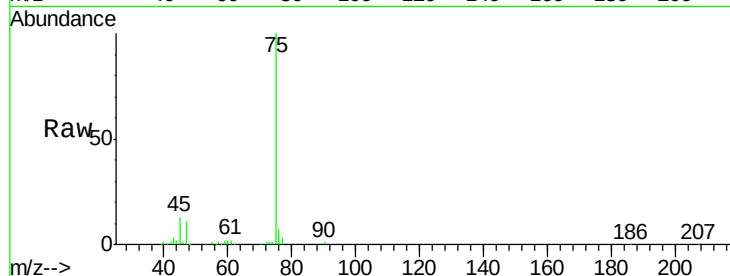
INWOOD-BH-02-A

Tot Ion: 43 Resp: 2658

Ion Ratio Lower Upper

43 100

72 17.8 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

6.99

800

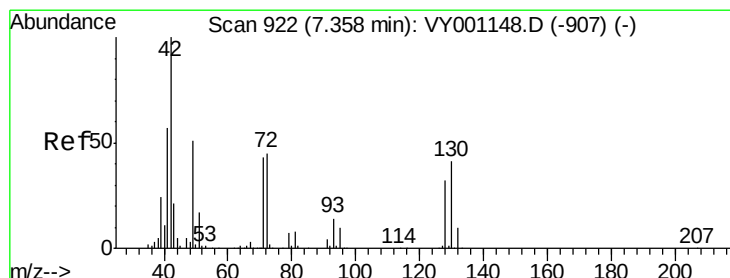
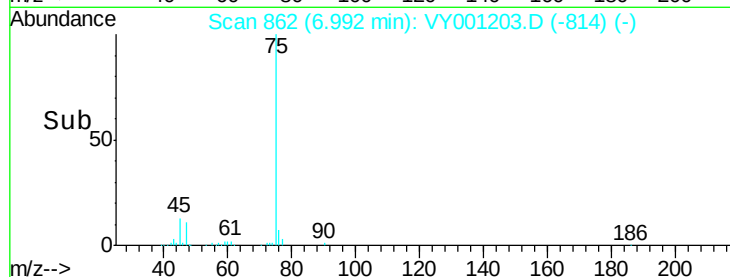
600

400

200

0

Time-->



#29

Tetrahydrofuran

Concen: 1.928 ug/l

RT: 7.37 min Scan# 924

Delta R.T. 0.01 min

Lab File: VY001203.D

Acq: 14 Jan 2020 14:48

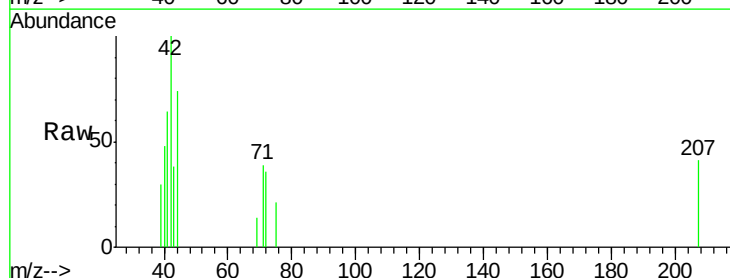
Tgt Ion: 42 Resp: 889

Ion Ratio Lower Upper

42 100

72 43.0 36.9 55.3

71 40.8 34.0 51.0



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0

7.37

500

400

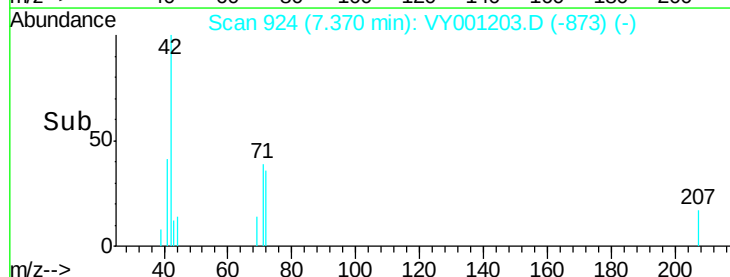
300

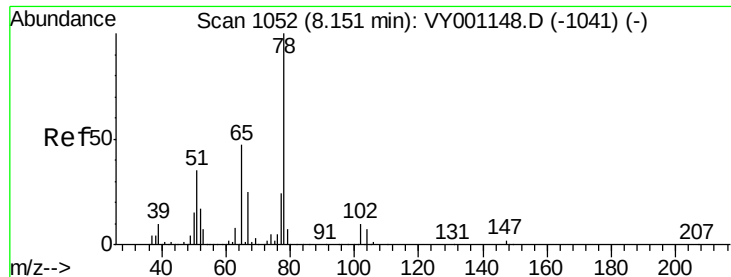
200

100

0

Time-->

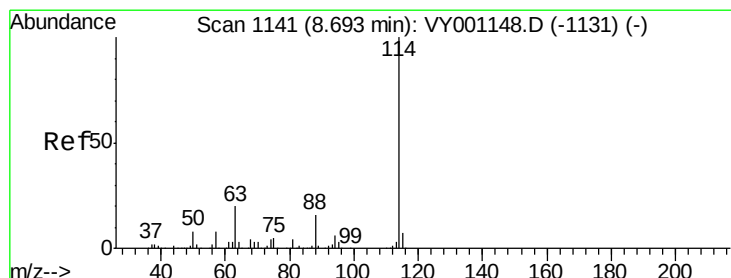
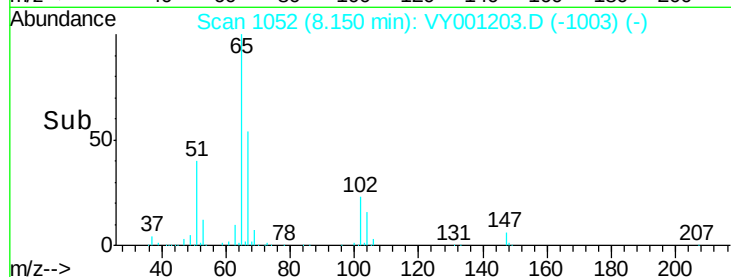
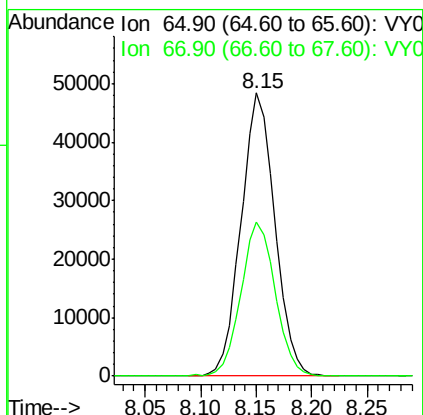
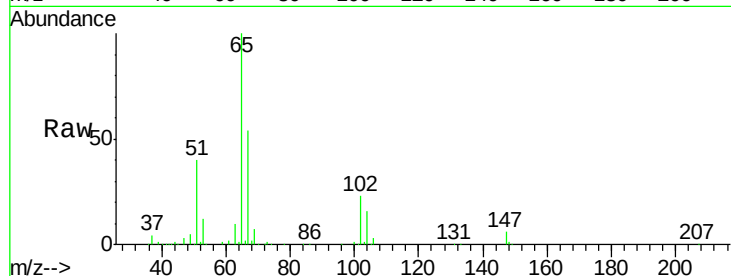




#33
 1,2-Dichloroethane-d4
 Concen: 54.937 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.00 min
 Lab File: VY001203.D
 Acq: 14 Jan 2020 14:48

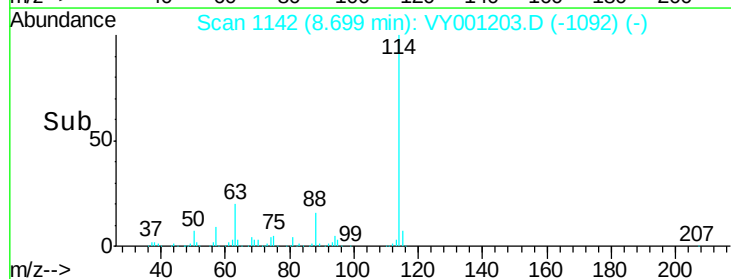
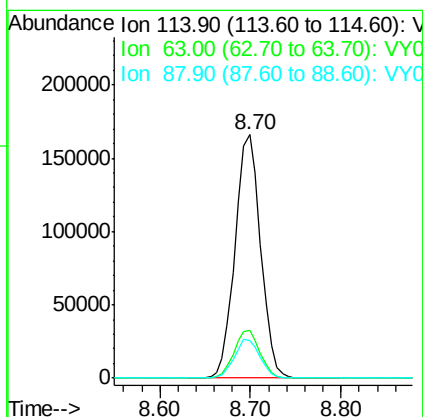
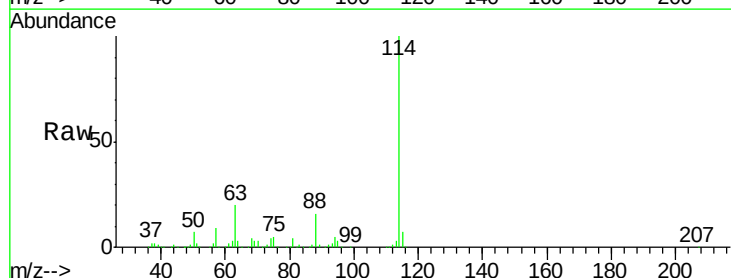
Instrument :
 MSVOA_Y
 ClientSampleId :
 INWOOD-BH-02-A

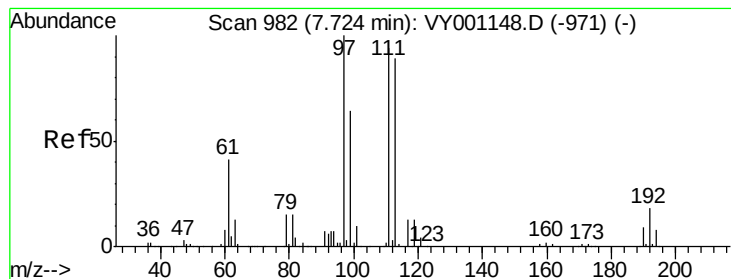
Tot Ion: 65 Resp: 102255
 Ion Ratio Lower Upper
 65 100
 67 55.4 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: VY001203.D
 Acq: 14 Jan 2020 14:48

Tgt Ion: 114 Resp: 324003
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 40.8
 88 15.6 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.106 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001203.D

Acq: 14 Jan 2020 14:48

Instrument :

MSVOA_Y

ClientSampleId :

INWOOD-BH-02-A

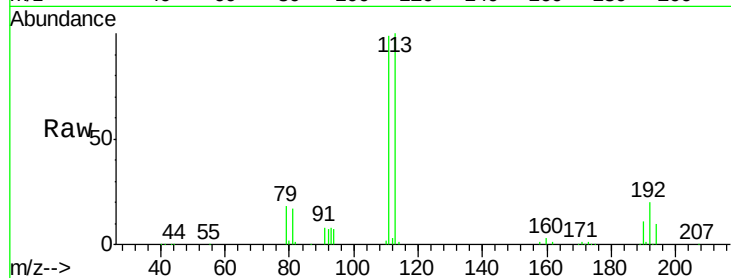
Tot Ion:113 Resp: 96950

Ion Ratio Lower Upper

113 100

111 103.3 82.9 124.3

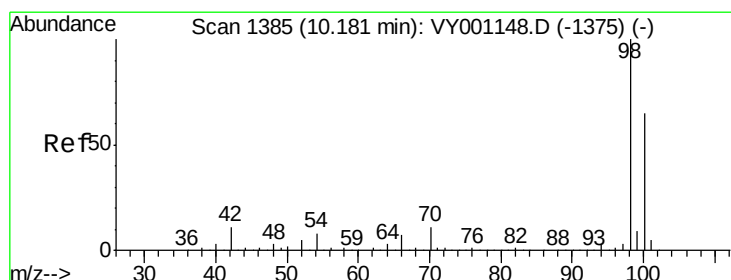
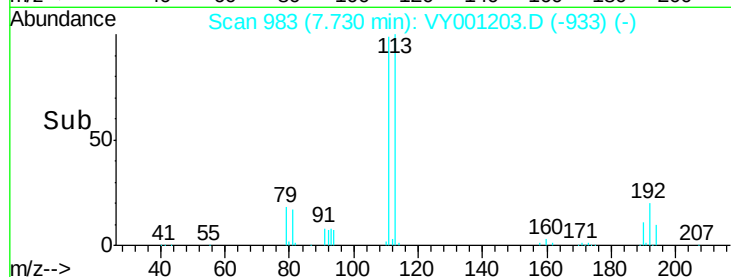
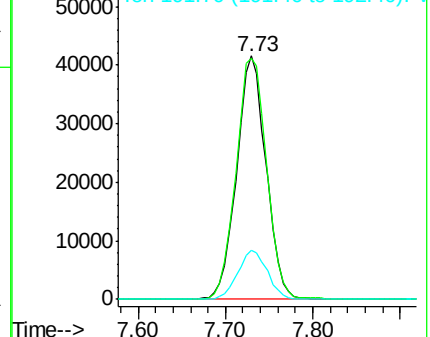
192 20.1 15.4 23.2



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: 52.082 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001203.D

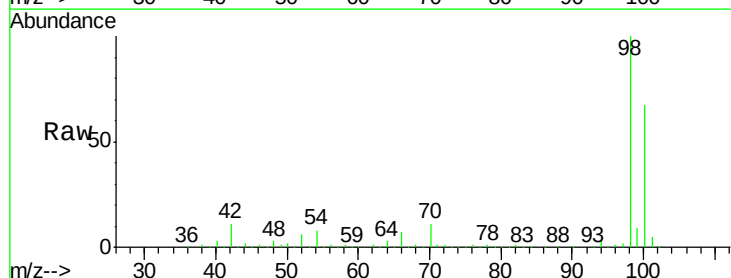
Acq: 14 Jan 2020 14:48

Tgt Ion: 98 Resp: 380699

Ion Ratio Lower Upper

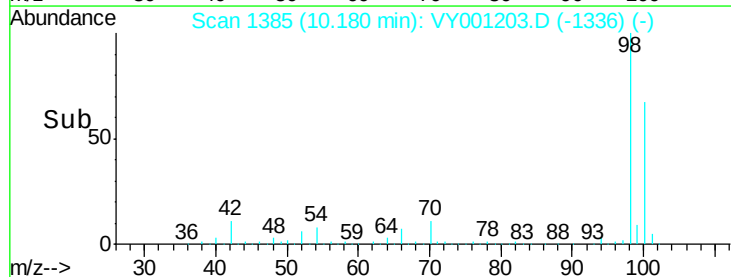
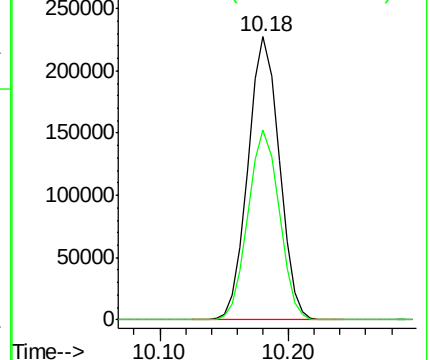
98 100

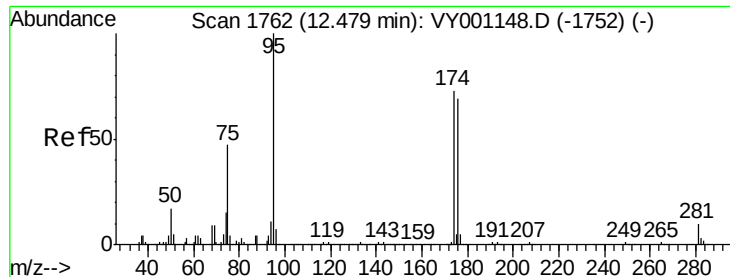
100 67.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

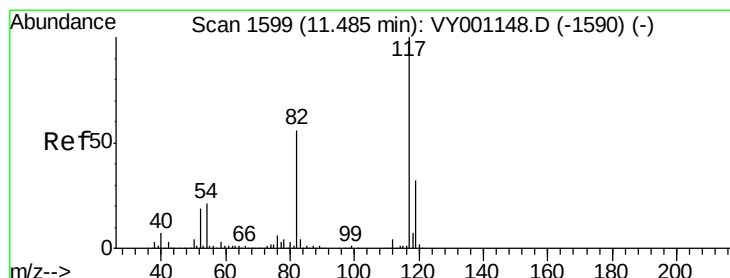
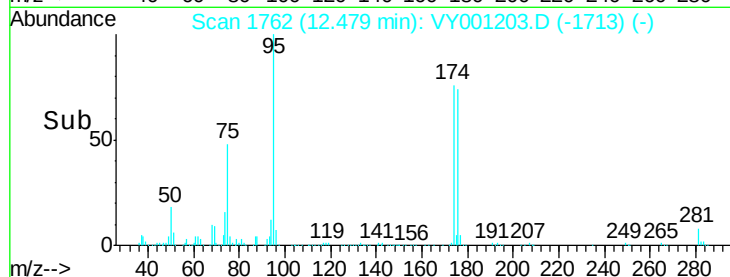
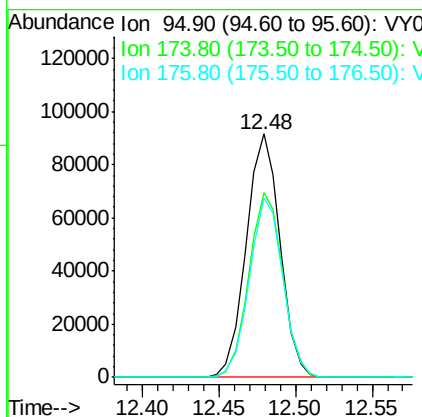
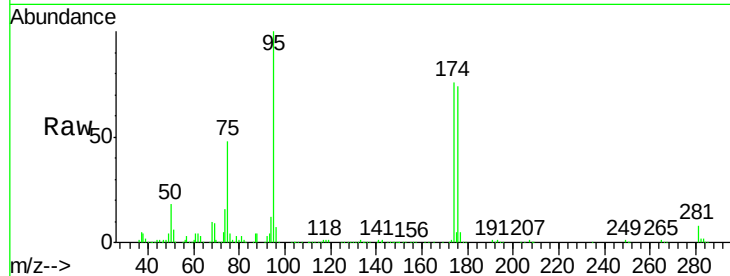




#62
4-Bromofluorobenzene
Concen: 47.053 ug/l
RT: 12.48 min Scan# 1762
Delta R.T. -0.00 min
Lab File: VY001203.D
Acq: 14 Jan 2020 14:48

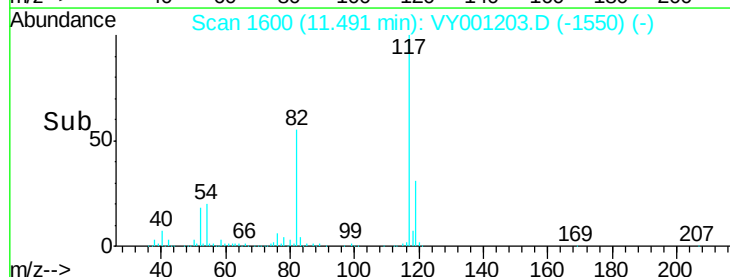
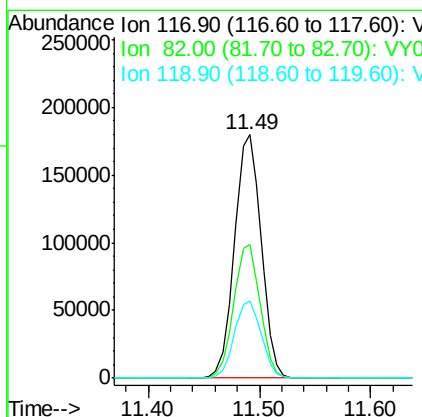
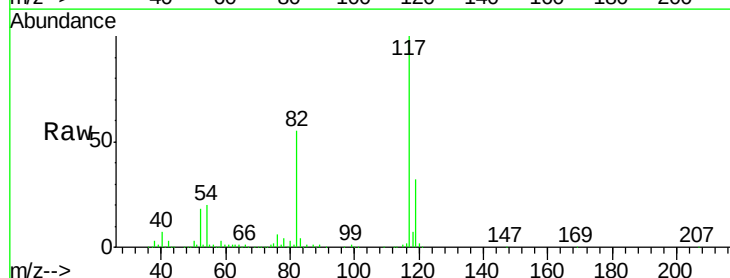
Instrument :
MSVOA_Y
ClientSampleId :
INWOOD-BH-02-A

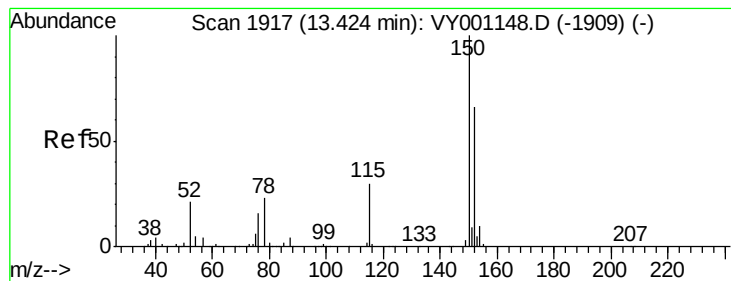
Tot Ion: 95 Resp: 140612
Ion Ratio Lower Upper
95 100
174 76.3 0.0 143.2
176 73.5 0.0 136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001203.D
Acq: 14 Jan 2020 14:48

Tgt Ion: 117 Resp: 297276
Ion Ratio Lower Upper
117 100
82 54.8 44.9 67.3
119 31.5 25.7 38.5



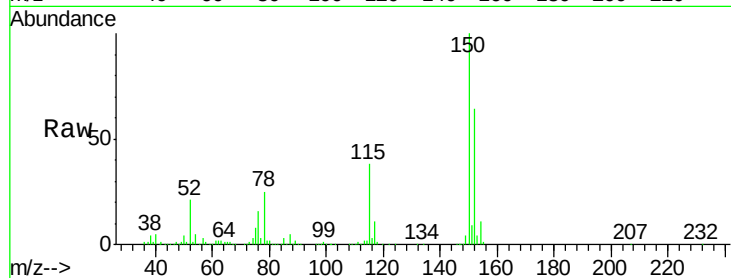


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.42 min Scan# 1917
 Delta R.T. -0.00 min
 Lab File: VY001203.D
 Acq: 14 Jan 2020 14:48

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

Tot Ion	Ratio	Lower	Upper
152	100		
115	59.2	30.9	92.5
150	155.3	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

