

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011420\
 Data File : VY001201.D
 Acq On : 14 Jan 2020 14:04
 Operator : SY/MD
 Sample : L1108-01
 Misc : 5.49G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 INWOOD-BH-01-A

Quant Time: Jan 15 01:57:14 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

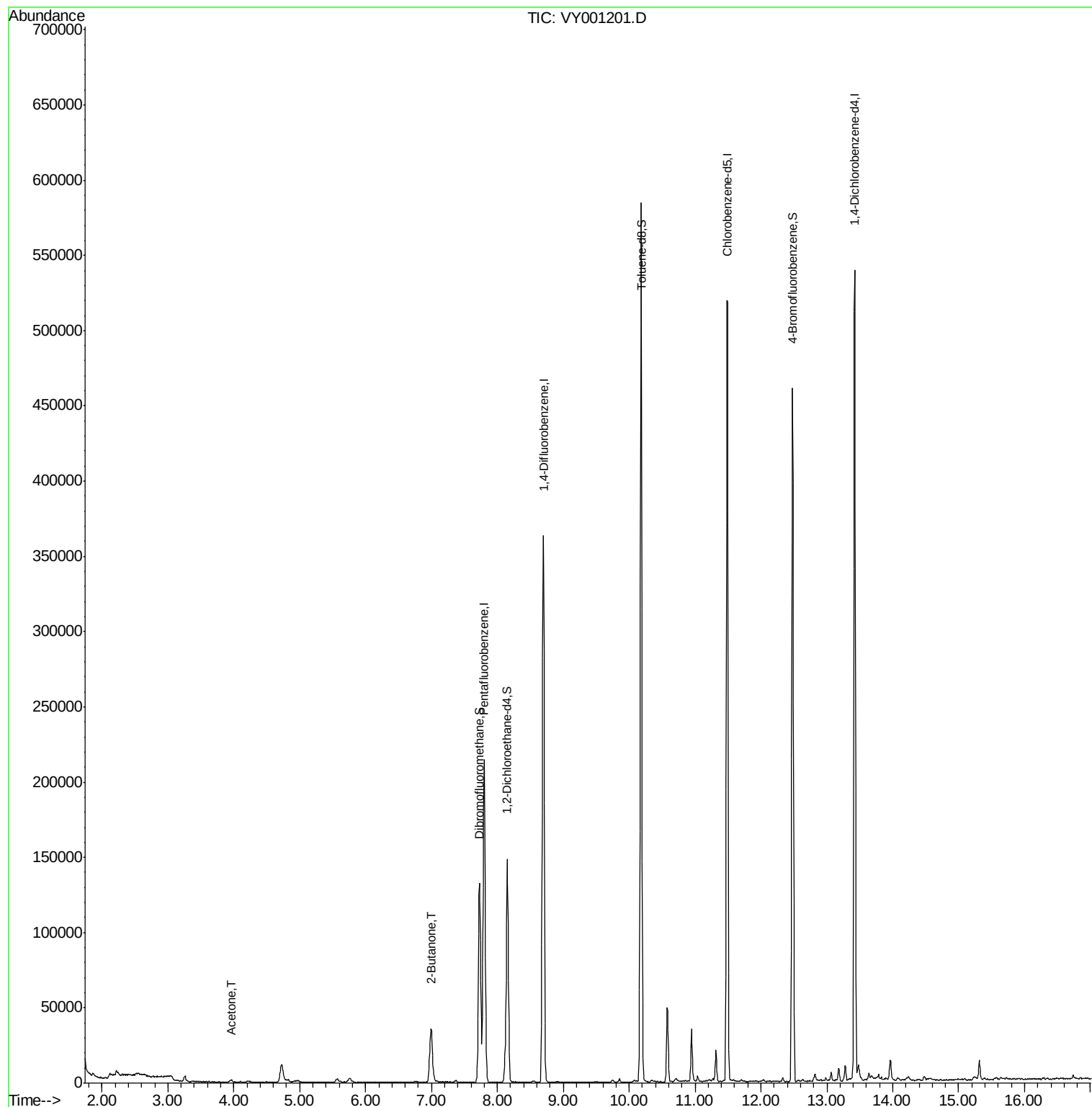
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	173212	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	317373	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	291554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	133703	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	103558	56.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.22%	
35) Dibromofluoromethane	7.73	113	95823	51.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.14%	
50) Toluene-d8	10.18	98	375665	52.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.94%	
62) 4-Bromofluorobenzene	12.48	95	140905	48.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.28%	
Target Compounds						
16) Acetone	3.95	43	3108	7.315	ug/l #	86
25) 2-Butanone	6.99	43	2423	3.664	ug/l	96

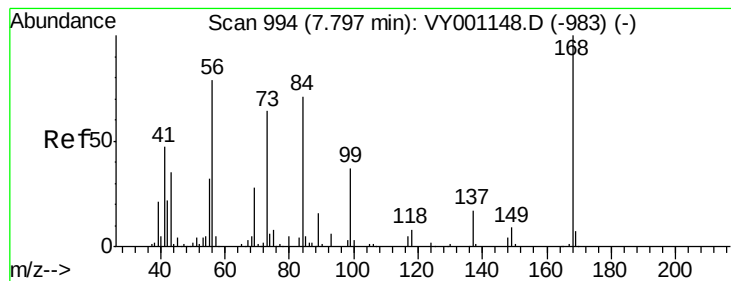
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001201.D

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MSVOA_Y

ClientSampleId :

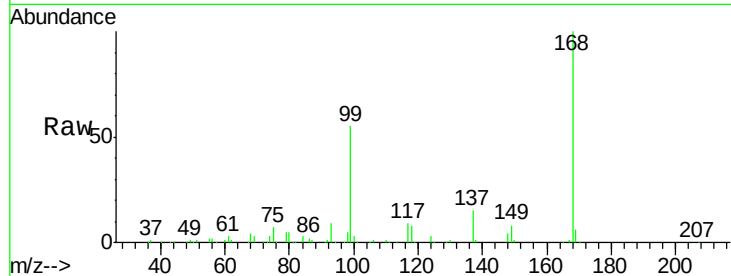
INWOOD-BH-01-A

Tot Ion:168 Resp: 173212

Ion Ratio Lower Upper

168 100

99 55.2 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

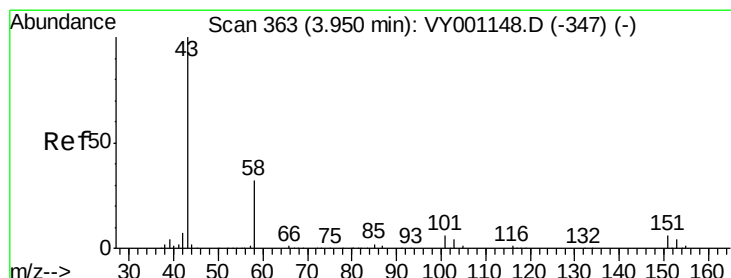
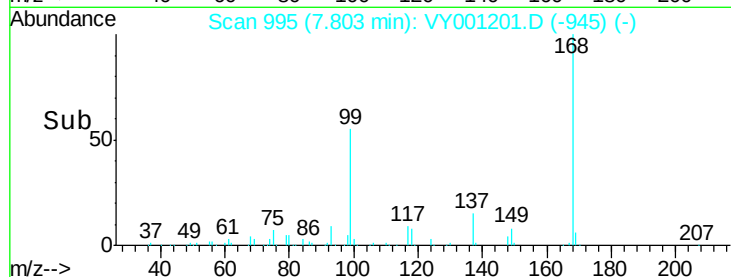
40000

20000

0

Time-->

7.70 7.80 7.90



#16

Acetone

Concen: 7.315 ug/l

RT: 3.95 min Scan# 363

Delta R.T. -0.00 min

Lab File: VY001201.D

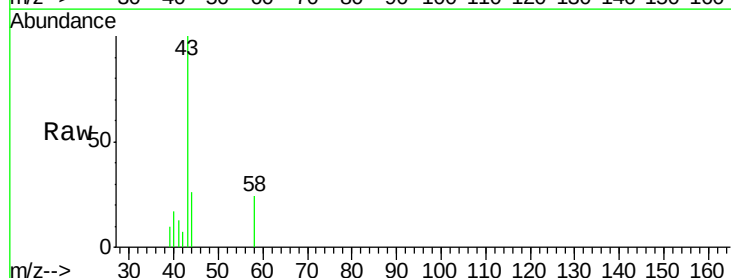
Acq: 14 Jan 2020 14:04

Tgt Ion: 43 Resp: 3108

Ion Ratio Lower Upper

43 100

58 24.4 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) (-)

3.95

1000

800

600

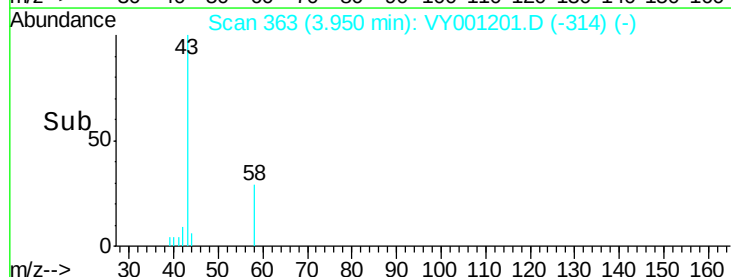
400

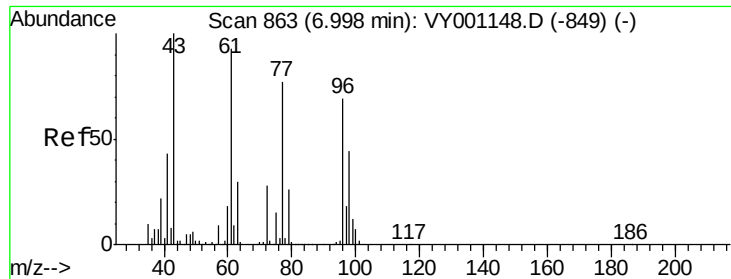
200

0

Time-->

3.90 4.00 4.10





#25

2-Butanone

Concen: 3.664 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY001201.D

Acq: 14 Jan 2020 14:04

Instrument :

MSVOA_Y

ClientSampleId :

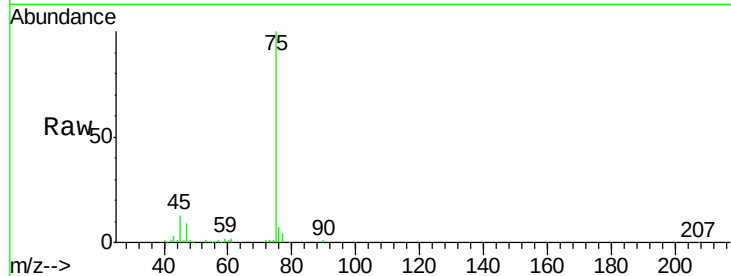
INWOOD-BH-01-A

Tot Ion: 43 Resp: 2423

Ion Ratio Lower Upper

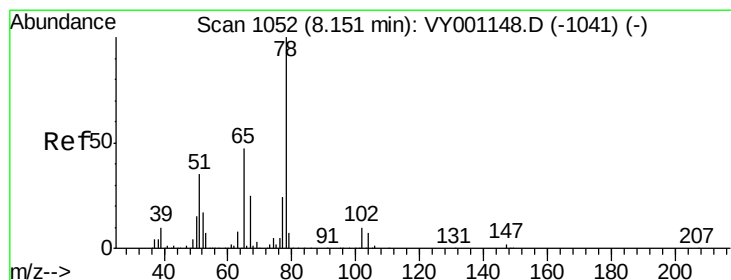
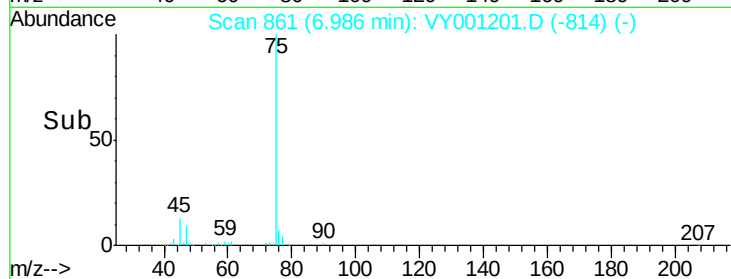
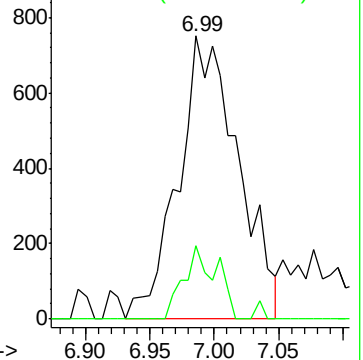
43 100

72 25.8 22.2 33.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#33

1,2-Dichloroethane-d4

Concen: 56.607 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.00 min

Lab File: VY001201.D

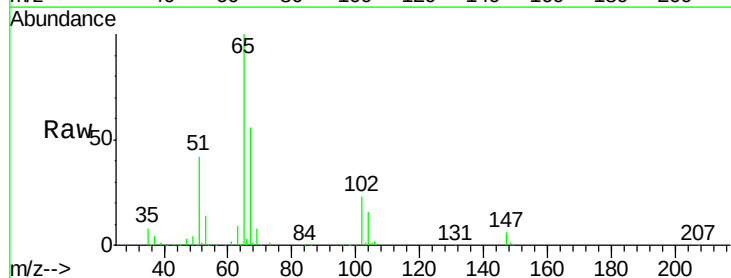
Acq: 14 Jan 2020 14:04

Tgt Ion: 65 Resp: 103558

Ion Ratio Lower Upper

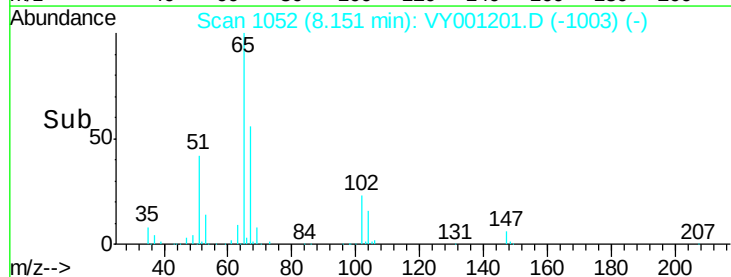
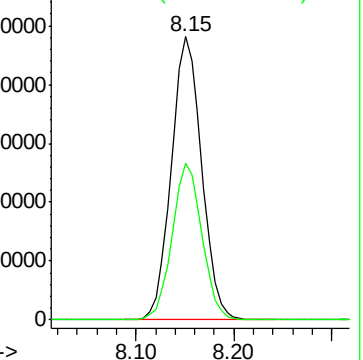
65 100

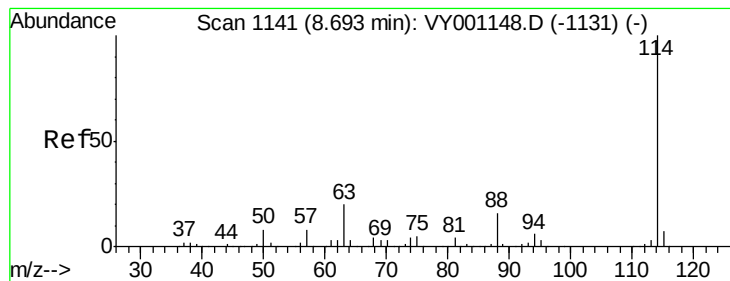
67 54.3 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VY0

Ion 66.90 (66.60 to 67.60): VY0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.01 min

Lab File: VY001201.D

Acq: 14 Jan 2020 14:04

Instrument :

MSVOA_Y

ClientSampleId :

INWOOD-BH-01-A

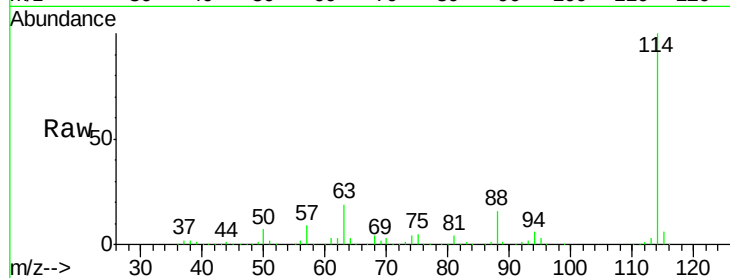
Tot Ion:114 Resp: 317373

Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.8

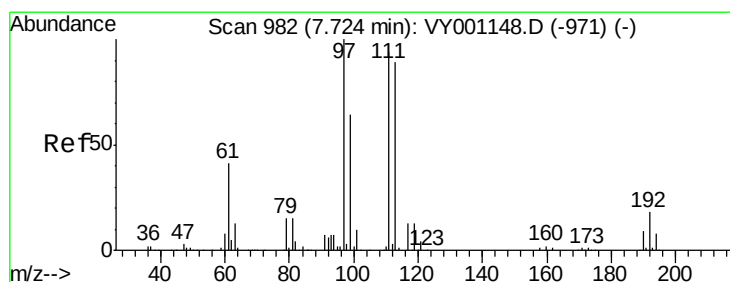
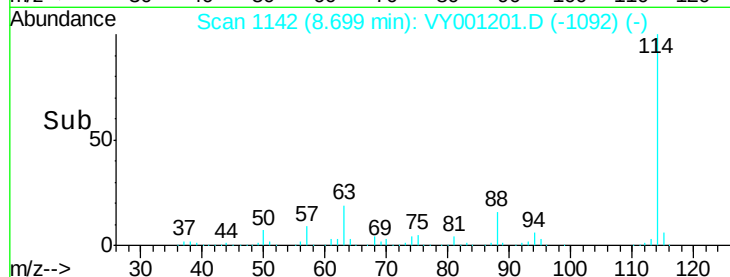
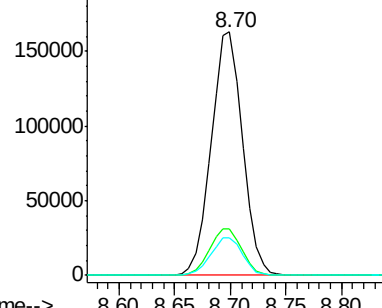
88 15.6 0.0 32.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35

Dibromofluoromethane

Concen: 51.567 ug/l

RT: 7.73 min Scan# 983

Delta R.T. 0.01 min

Lab File: VY001201.D

Acq: 14 Jan 2020 14:04

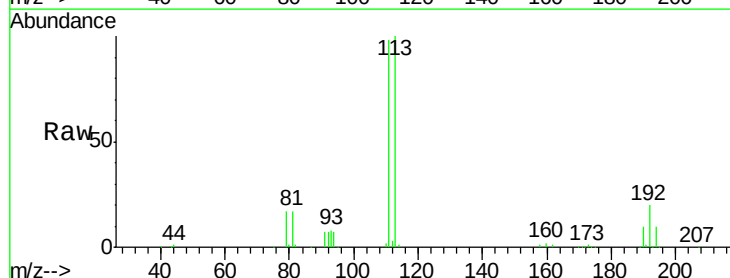
Tgt Ion:113 Resp: 95823

Ion Ratio Lower Upper

113 100

111 103.7 82.9 124.3

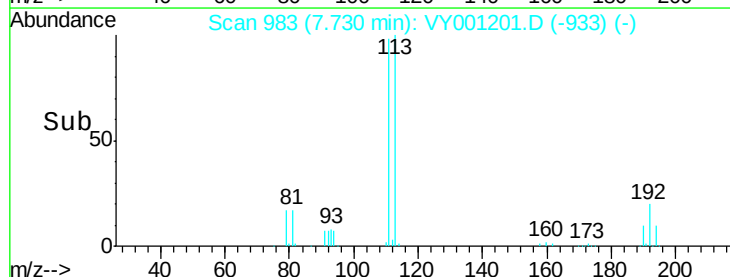
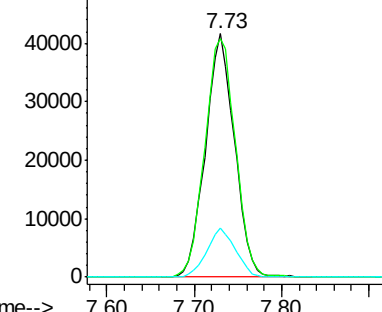
192 20.0 15.4 23.2

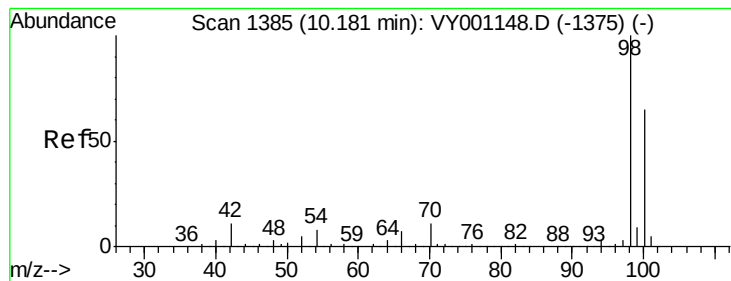


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.467 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VY001201.D

Acq: 14 Jan 2020 14:04

Instrument :

MSVOA_Y

ClientSampleId :

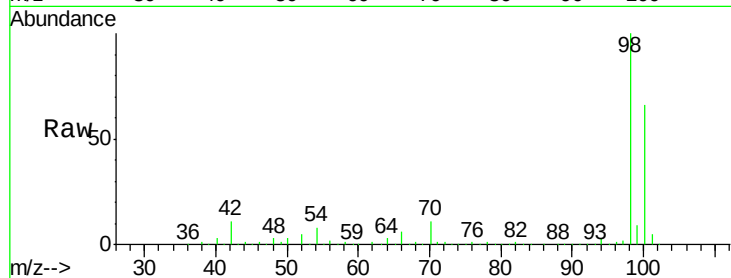
INWOOD-BH-01-A

Tot Ion: 98 Resp: 375665

Ion Ratio Lower Upper

98 100

100 66.0 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

10.18

250000

200000

150000

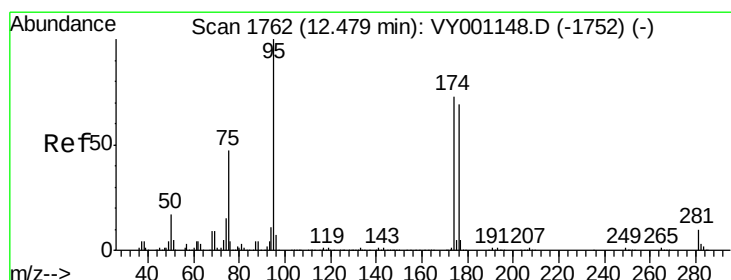
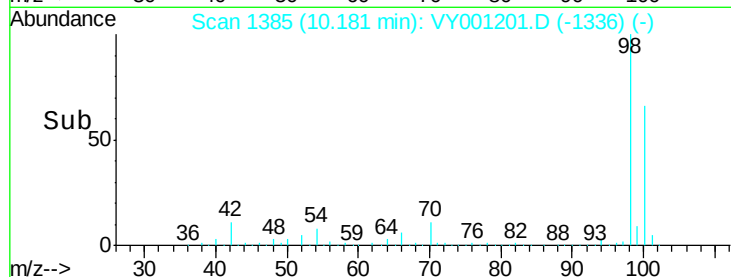
100000

50000

0

Time-->

10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 48.136 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY001201.D

Acq: 14 Jan 2020 14:04

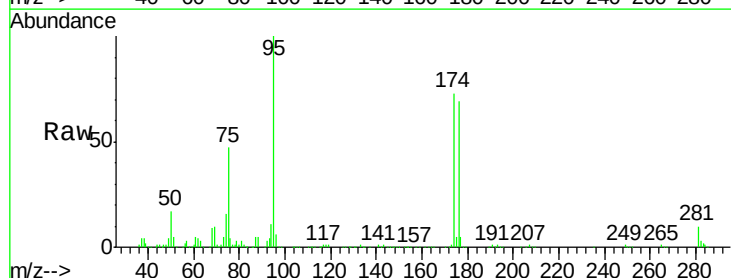
Tgt Ion: 95 Resp: 140905

Ion Ratio Lower Upper

95 100

174 74.4 0.0 143.2

176 72.5 0.0 136.0



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

12.48

120000

100000

80000

60000

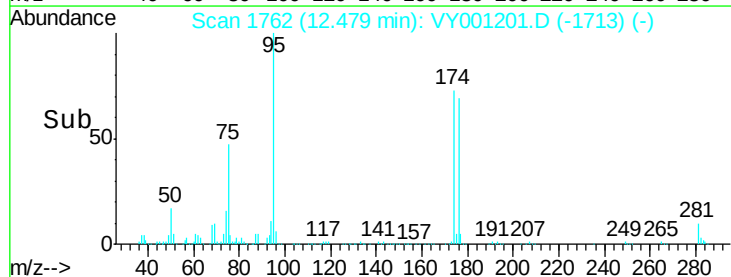
40000

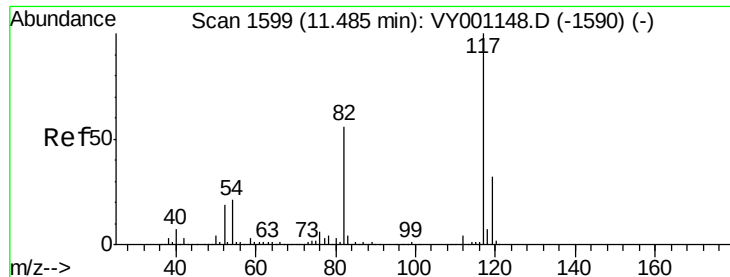
20000

0

Time-->

12.40 12.45 12.50 12.55

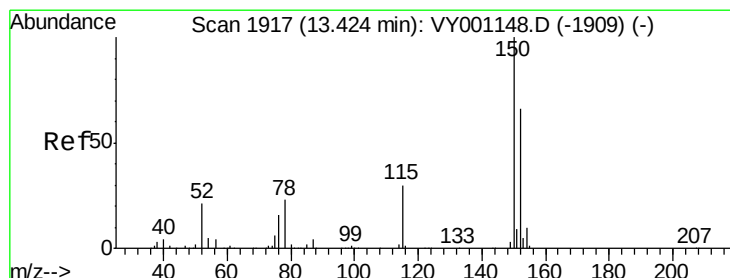
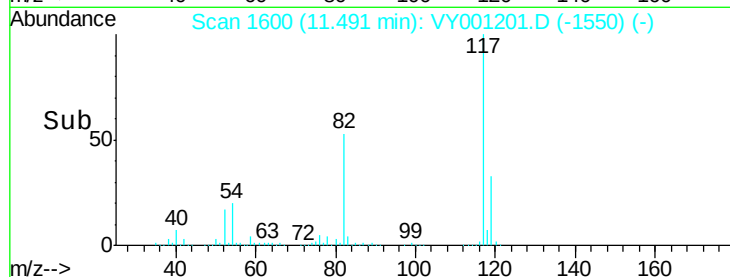
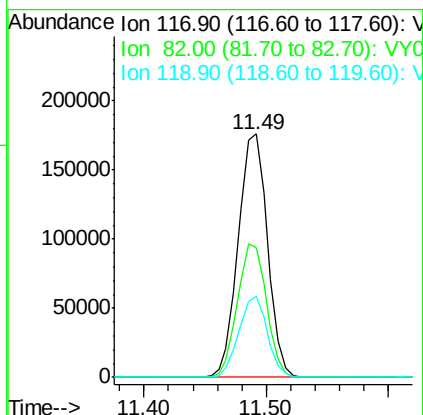
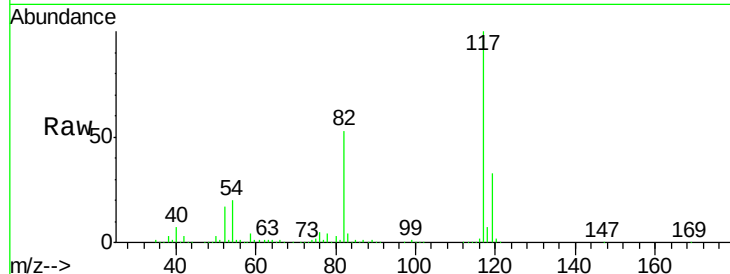




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VY001201.D
Acq: 14 Jan 2020 14:04

Instrument :
MSVOA_Y
ClientSampleId :
INWOOD-BH-01-A

Tot Ion:117 Resp: 291554
Ion Ratio Lower Upper
117 100
82 53.5 44.9 67.3
119 33.2 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: VY001201.D
Acq: 14 Jan 2020 14:04

Tgt Ion:152 Resp: 133703
Ion Ratio Lower Upper
152 100
115 59.4 30.9 92.5
150 158.1 0.0 346.8

