

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
 Data File : VY001686.D
 Acq On : 18 Feb 2020 20:53
 Operator : SY/MD
 Sample : L1547-21
 Misc : 5.65G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MARCY-GREEN-BH-04-C

Quant Time: Feb 19 08:02:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

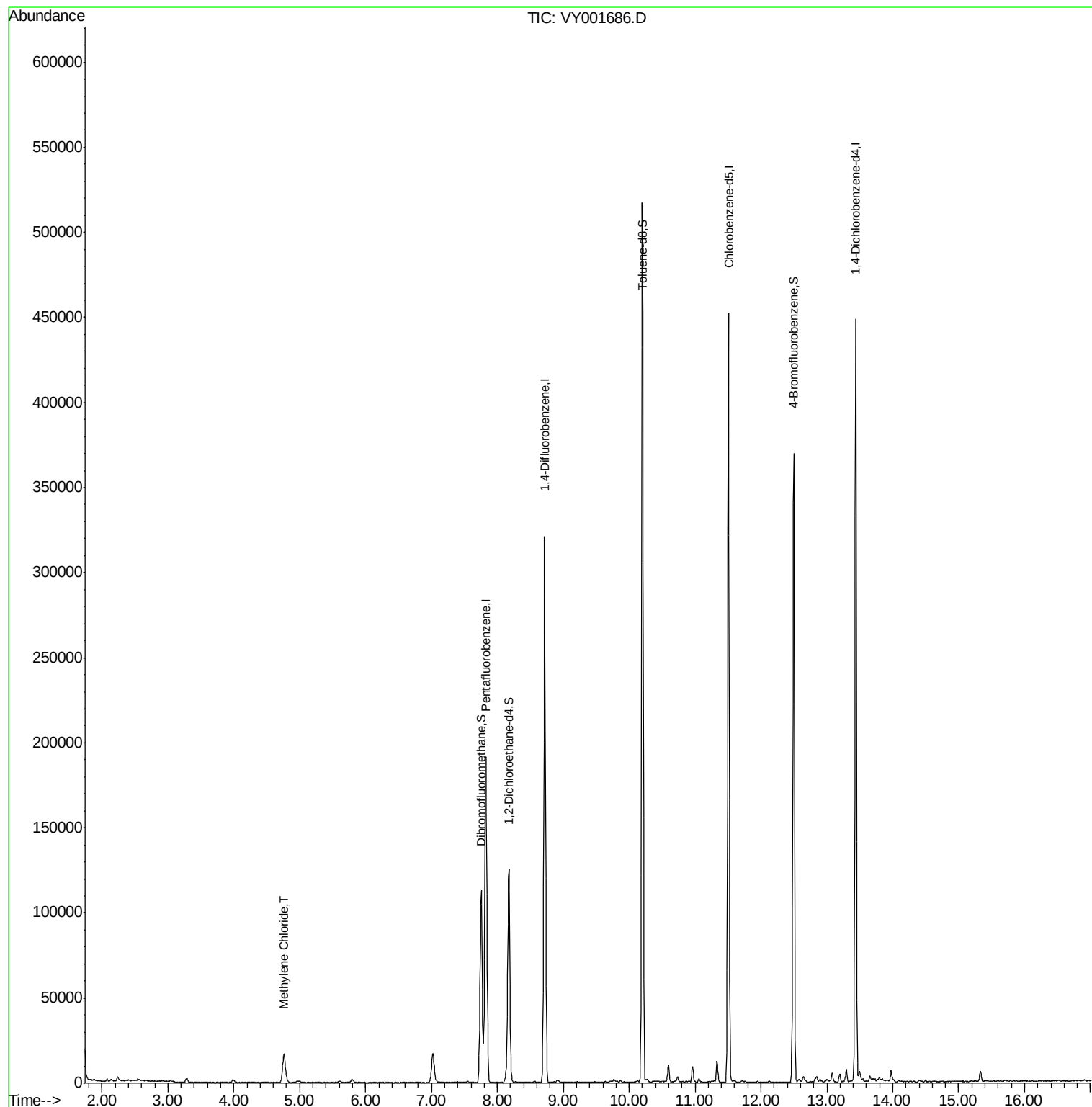
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	148714	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	270834	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.51	117	246996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	112433	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	91238	57.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.08%	
35) Dibromofluoromethane	7.75	113	80197	51.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.40%	
50) Toluene-d8	10.20	98	327555	53.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.80%	
62) 4-Bromofluorobenzene	12.50	95	113720	48.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.34%	
Target Compounds						
20) Methylene Chloride	4.76	84	11991	6.099	ug/l	Qvalue 96

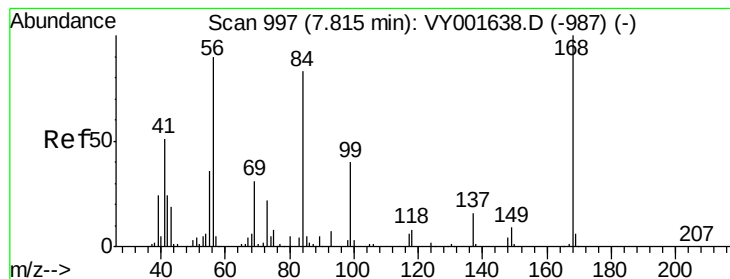
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.83 min Scan# 999

Delta R.T. 0.01 min

Lab File: VY001686.D

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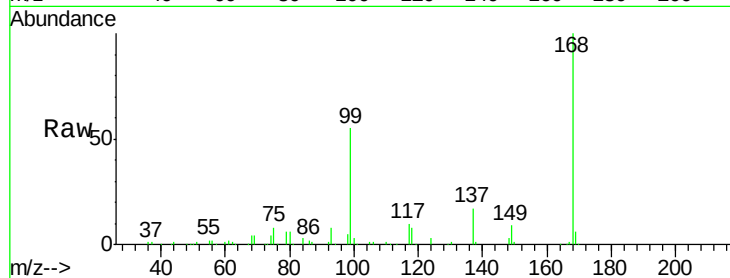
MARCY-GREEN-BH-04-C

Tot Ion:168 Resp: 148714

Ion Ratio Lower Upper

168 100

99 55.5 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001686.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001686.D (-948) (-)

7.83

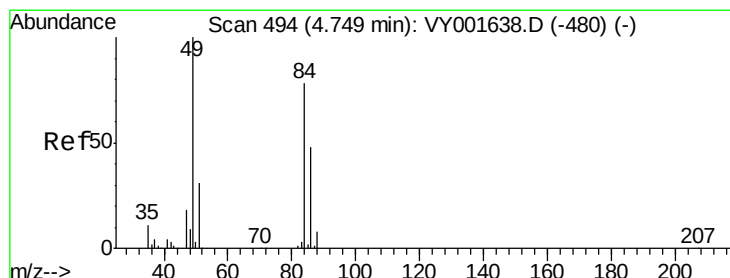
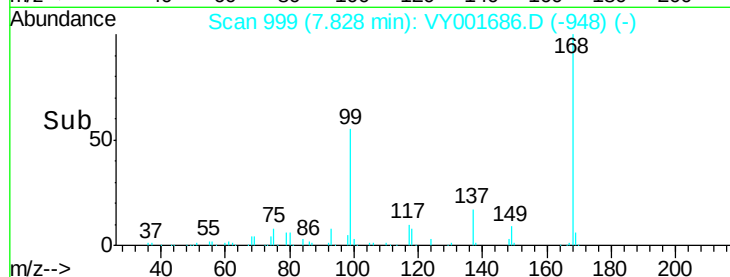
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#20

Methylene Chloride

Concen: 6.099 ug/l

RT: 4.76 min Scan# 496

Delta R.T. 0.01 min

Lab File: VY001686.D

Acq: 18 Feb 2020 20:53

Tgt Ion: 84 Resp: 11991

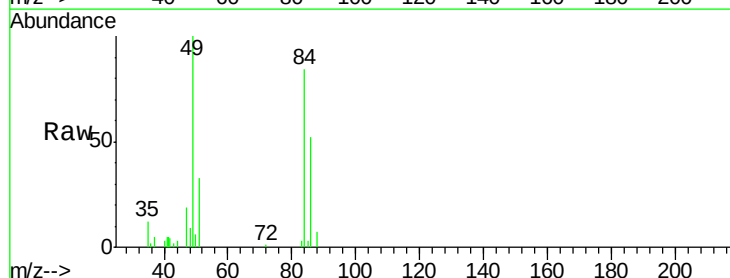
Ion Ratio Lower Upper

84 100

49 118.5 99.2 148.8

51 39.5 31.5 47.3

86 61.5 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VY001686.D (-445) (-)

Ion 48.90 (48.60 to 49.60): VY001686.D (-445) (-)

Ion 50.90 (50.60 to 51.60): VY001686.D (-445) (-)

Ion 85.90 (85.60 to 86.60): VY001686.D (-445) (-)

4.76

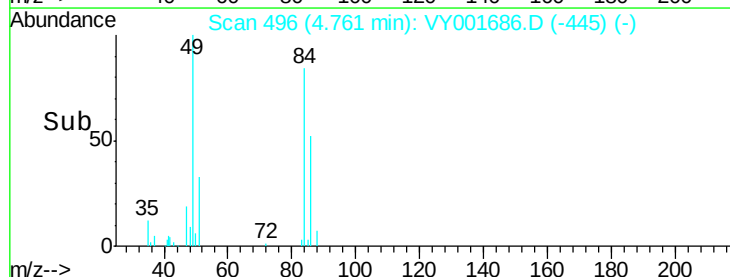
6000

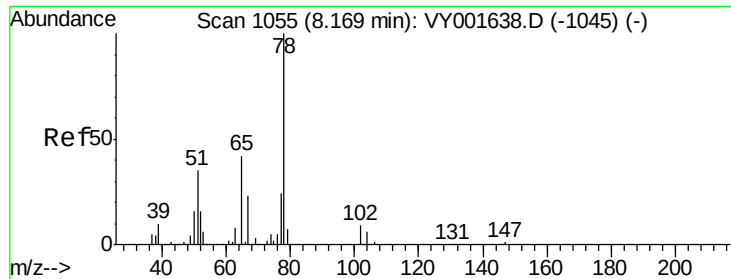
4000

2000

0

Time--> 4.70 4.80 4.90

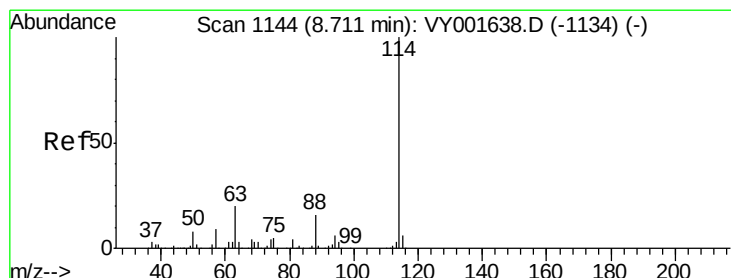
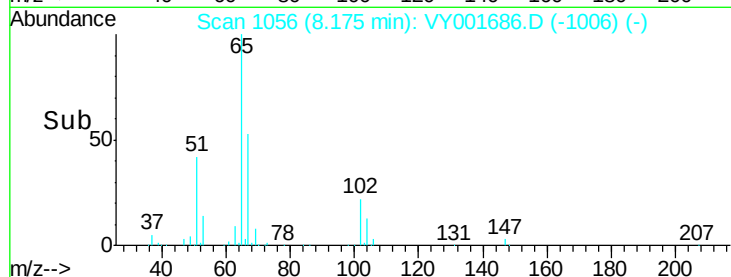
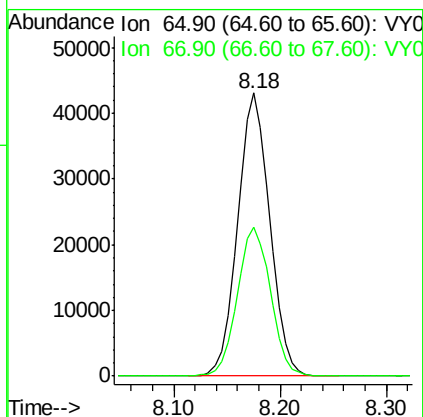
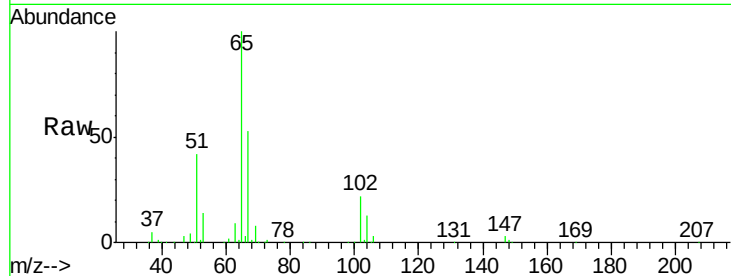




#33
 1,2-Dichloroethane-d4
 Concen: 57.037 ug/l
 RT: 8.18 min Scan# 1056
 Delta R.T. 0.01 min
 Lab File: VY001686.D
 Acq: 18 Feb 2020 20:53

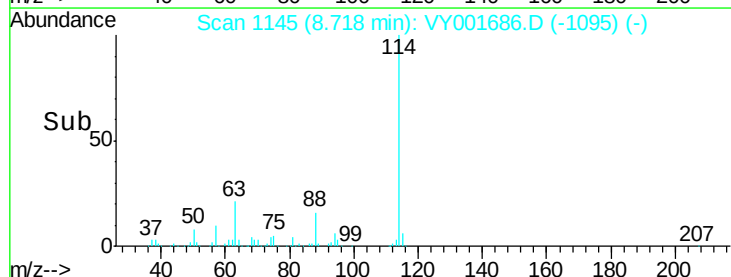
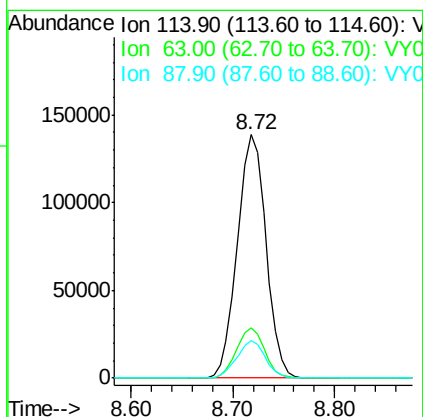
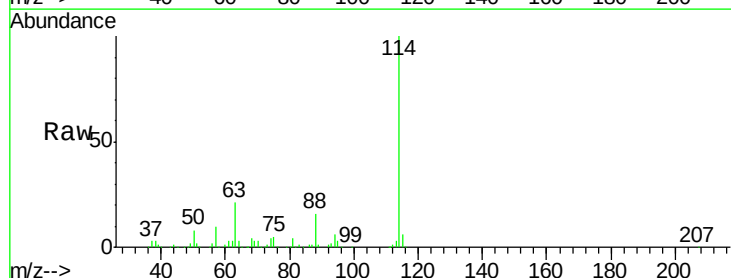
Instrument :
 MSVOA_Y
 ClientSampleId :
 MARCY-GREEN-BH-04-C

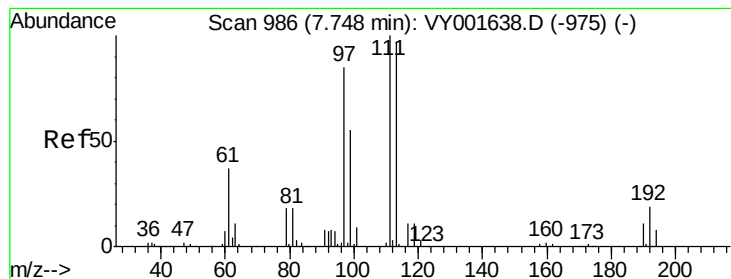
Tot Ion: 65 Resp: 91238
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001686.D
 Acq: 18 Feb 2020 20:53

Tgt Ion: 114 Resp: 270834
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 41.4
 88 15.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.699 ug/l

RT: 7.75 min Scan# 987

Delta R.T. 0.01 min

Lab File: VY001686.D

Acq: 18 Feb 2020 20:53

Instrument :

MSVOA_Y

ClientSampleId :

MARCY-GREEN-BH-04-C

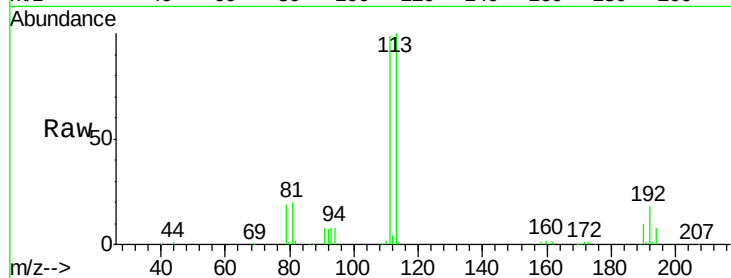
Tot Ion:113 Resp: 80197

Ion Ratio Lower Upper

113 100

111 102.4 81.9 122.9

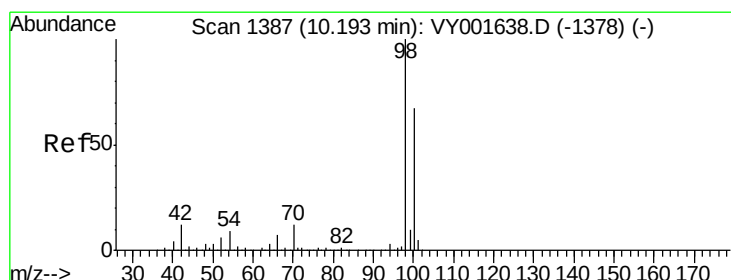
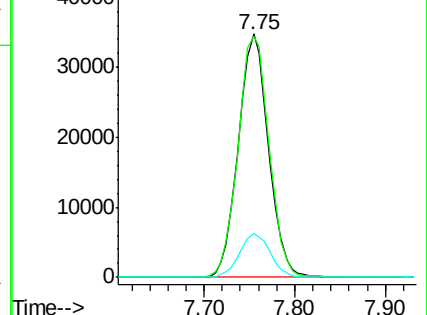
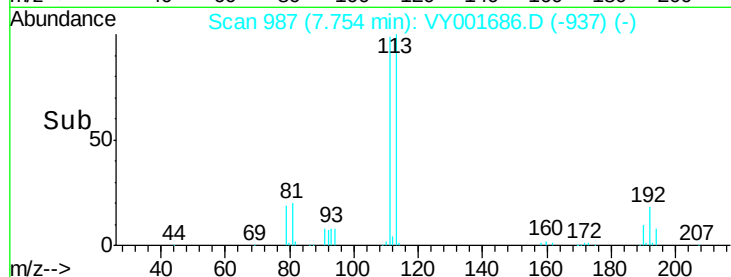
192 18.5 14.3 21.5



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: 53.899 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001686.D

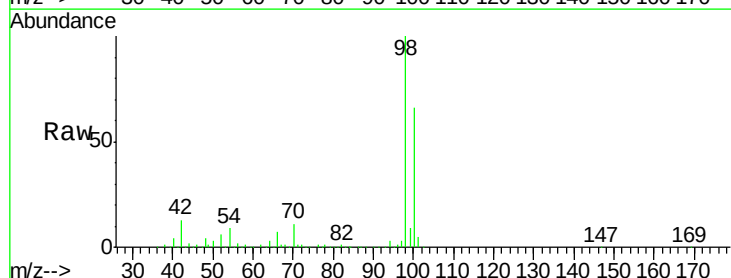
Acq: 18 Feb 2020 20:53

Tgt Ion: 98 Resp: 327555

Ion Ratio Lower Upper

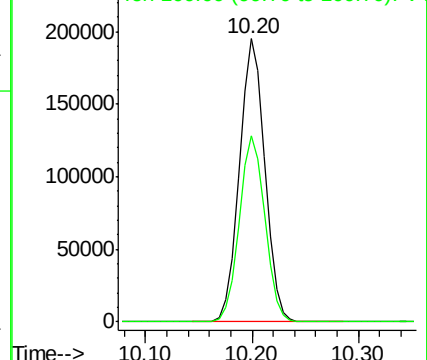
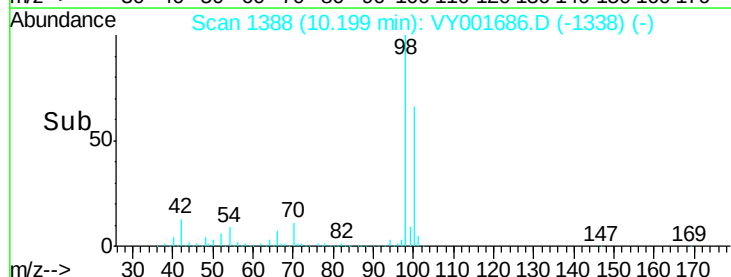
98 100

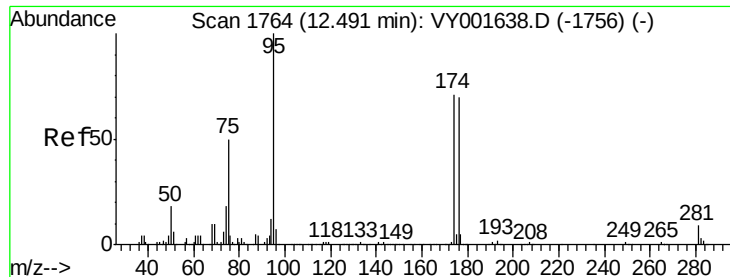
100 66.1 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 48.167 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001686.D

Acq: 18 Feb 2020 20:53

Instrument :

MSVOA_Y

ClientSampleId :

MARCY-GREEN-BH-04-C

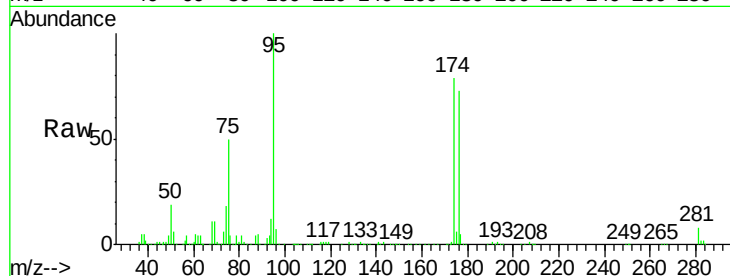
Tot Ion: 95 Resp: 113720

Ion Ratio Lower Upper

95 100

174 76.2 0.0 138.4

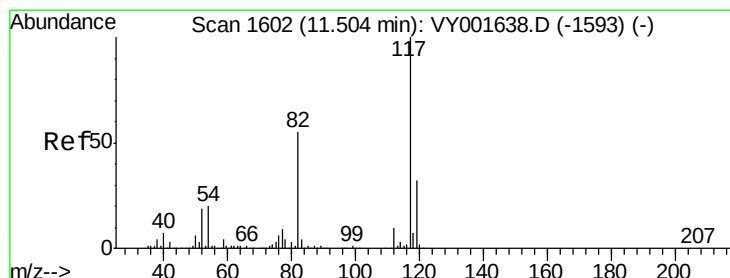
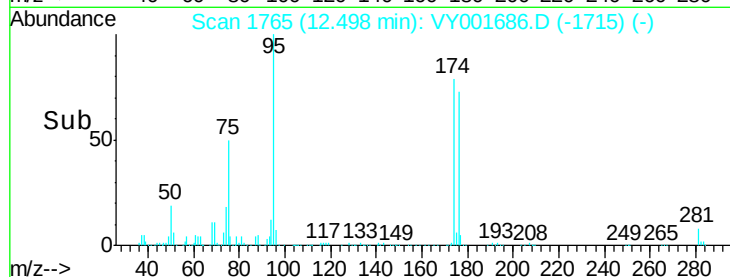
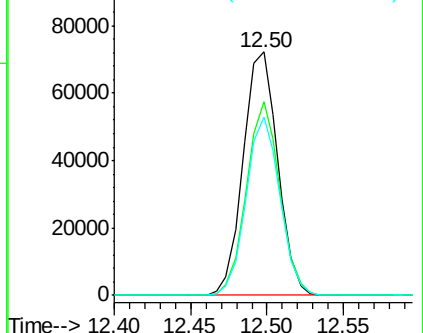
176 71.3 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY001638.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001638.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001638.D (-1756) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.51 min Scan# 1603

Delta R.T. 0.01 min

Lab File: VY001686.D

Acq: 18 Feb 2020 20:53

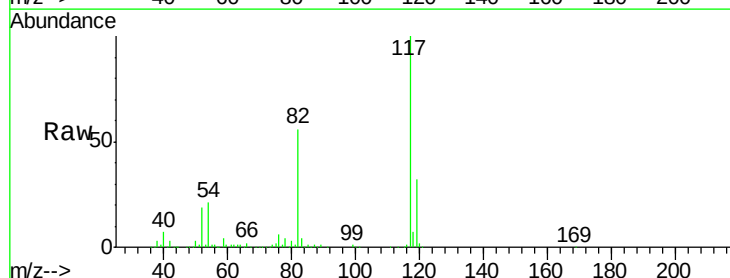
Tgt Ion: 117 Resp: 246996

Ion Ratio Lower Upper

117 100

82 55.6 45.5 68.3

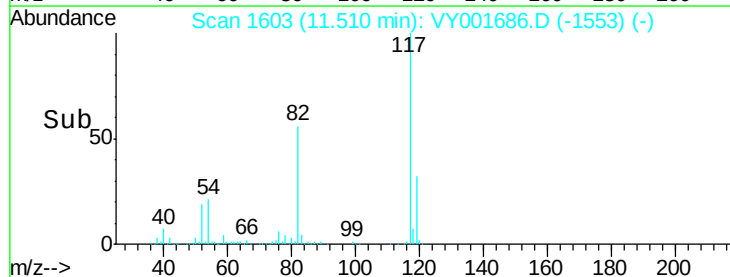
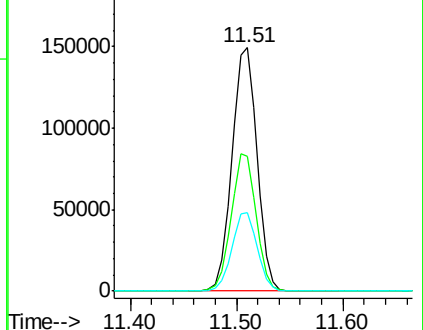
119 32.2 25.8 38.6

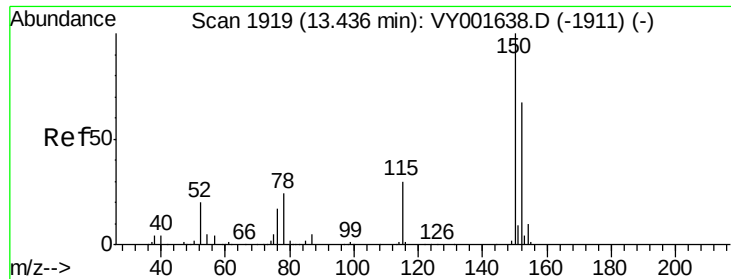


Abundance Ion 116.90 (116.60 to 117.60): VY001638.D (-1593) (-)

Ion 82.00 (81.70 to 82.70): VY001638.D (-1593) (-)

Ion 118.90 (118.60 to 119.60): VY001638.D (-1593) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1920

Delta R.T. 0.01 min

Lab File: VY001686.D

Acq: 18 Feb 2020 20:53

Instrument :

MSVOA_Y

ClientSampleId :

MARCY-GREEN-BH-04-C

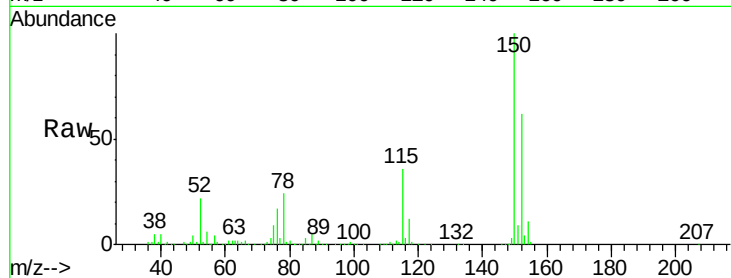
Tot Ion:152 Resp: 112433

Ion Ratio Lower Upper

152 100

115 60.6 31.4 94.2

150 160.4 0.0 407.2



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

