

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
 Data File : VY001680.D
 Acq On : 18 Feb 2020 18:40
 Operator : SY/MD
 Sample : L1547-12
 Misc : 5.61G/5ML/MSVOA Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MARCY-GREEN-BH-02-C

Quant Time: Feb 19 07:45:44 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	7.82	168	131730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	242001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	219186	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	99953	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	78365	55.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.62%	
35) Dibromofluoromethane	7.75	113	69469	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
50) Toluene-d8	10.20	98	286203	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.49	95	99490	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	

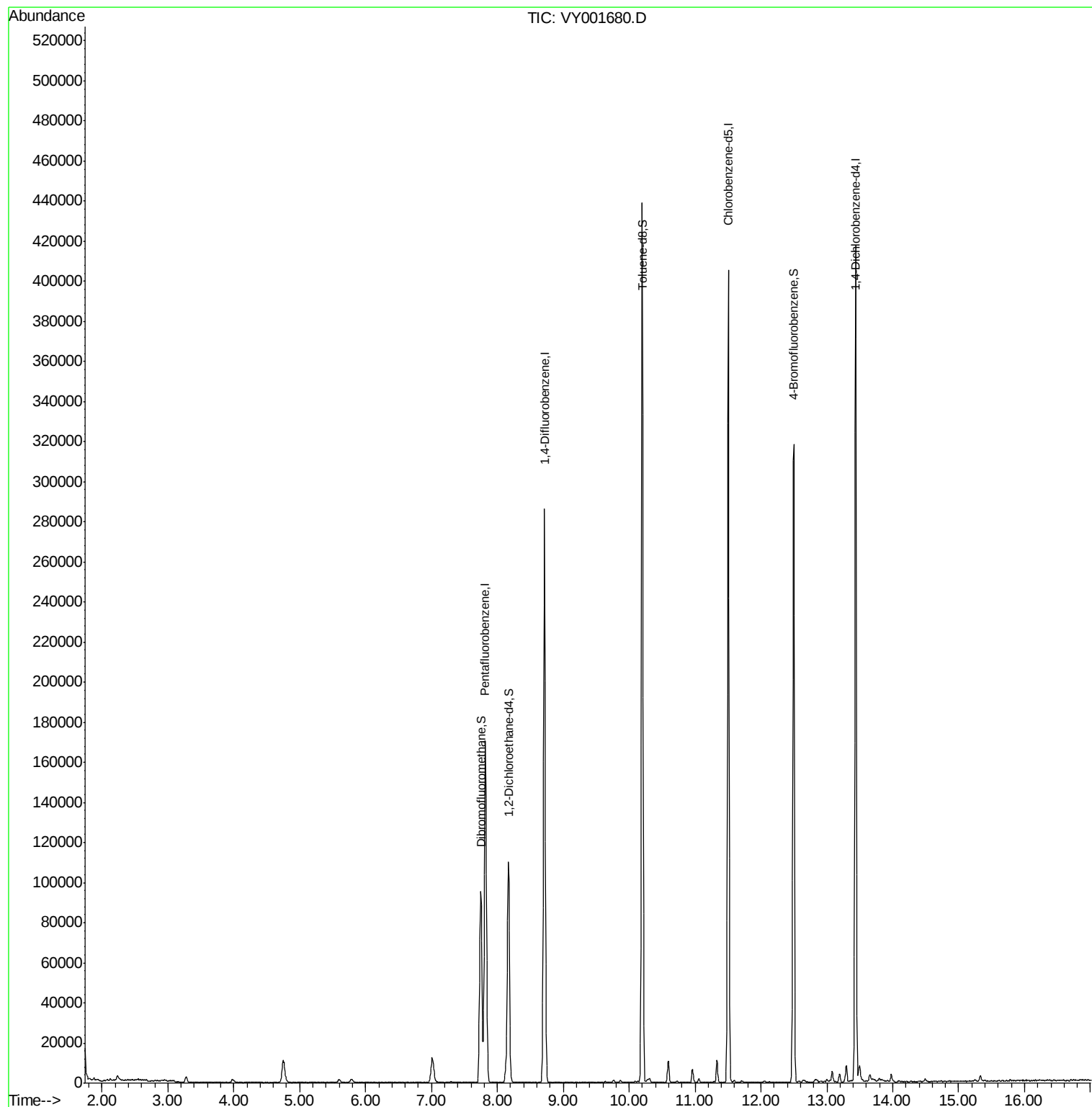
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001680.D

Acq: 18 Feb 2020 18:40

Instrument :

MSVOA_Y

ClientSampleId :

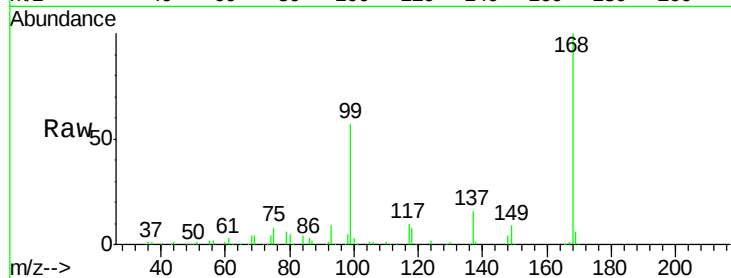
MARCY-GREEN-BH-02-C

Tot Ion:168 Resp: 131730

Ion Ratio Lower Upper

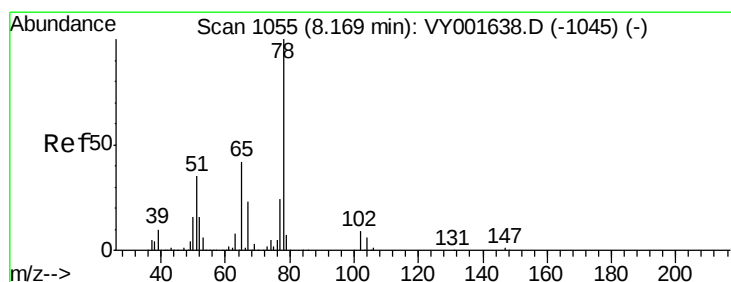
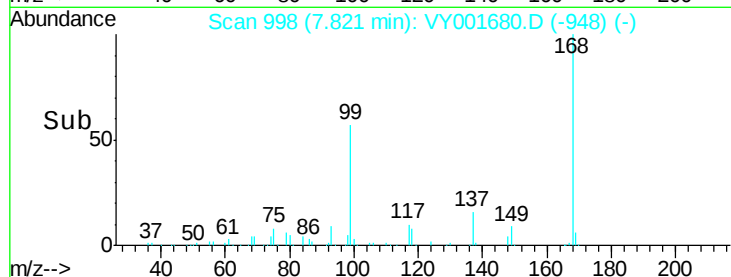
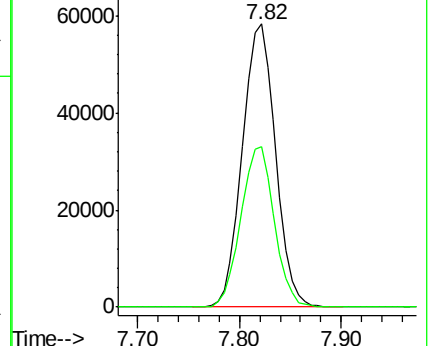
168 100

99 56.7 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001680.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001680.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 55.306 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.00 min

Lab File: VY001680.D

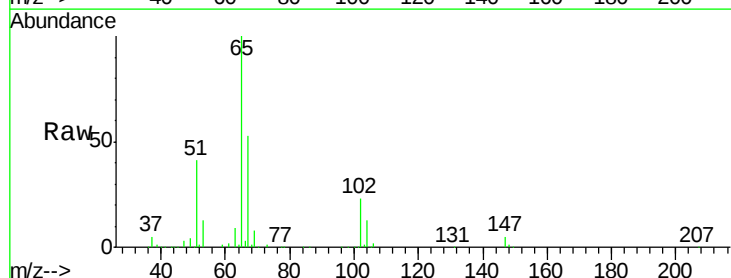
Acq: 18 Feb 2020 18:40

Tgt Ion: 65 Resp: 78365

Ion Ratio Lower Upper

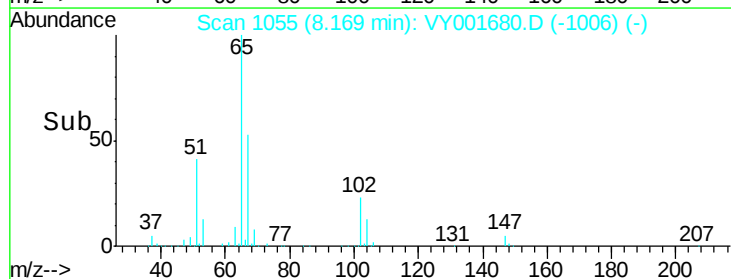
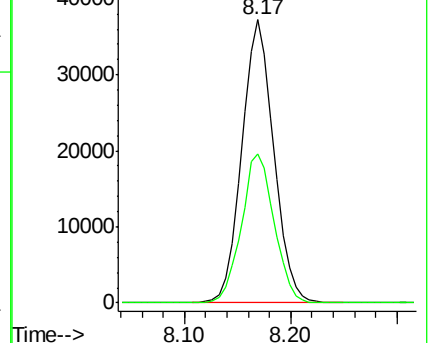
65 100

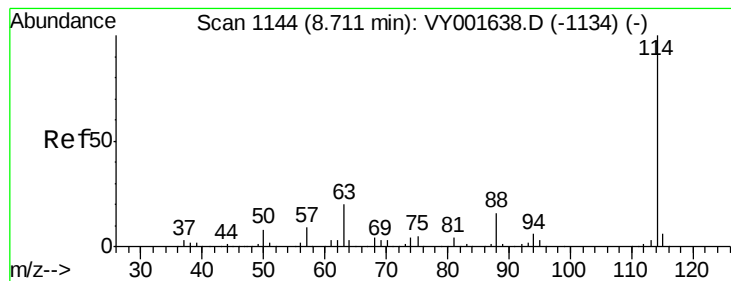
67 54.0 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001680.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001680.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001680.D

Acq: 18 Feb 2020 18:40

Instrument :

MSVOA_Y

ClientSampleId :

MARCY-GREEN-BH-02-C

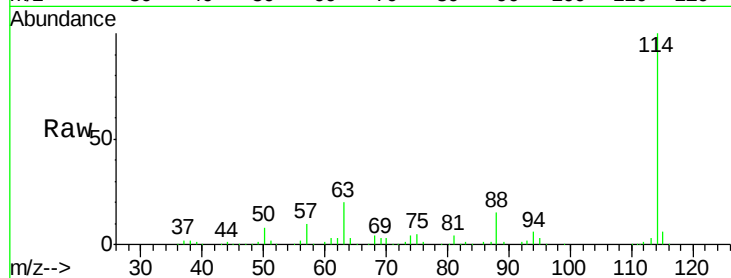
Tot Ion:114 Resp: 242001

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

88 15.0 0.0 32.8



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

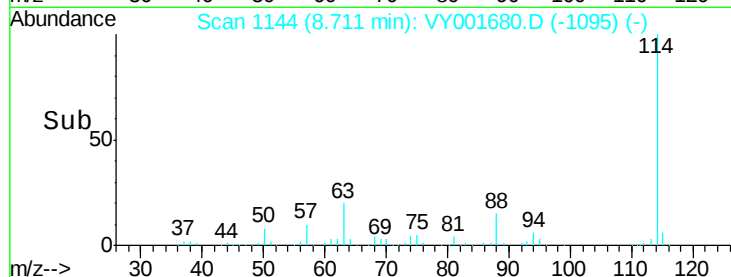
150000

100000

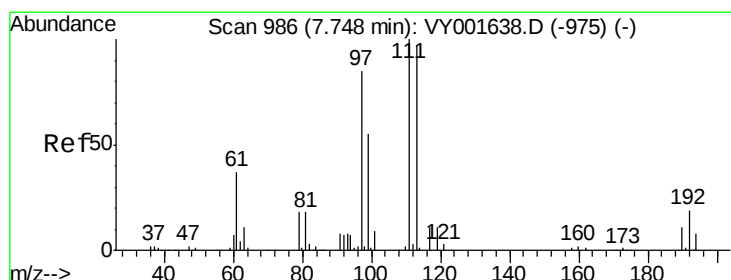
50000

0

8.60 8.70 8.80



Time-->



#35

Dibromofluoromethane

Concen: 50.119 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001680.D

Acq: 18 Feb 2020 18:40

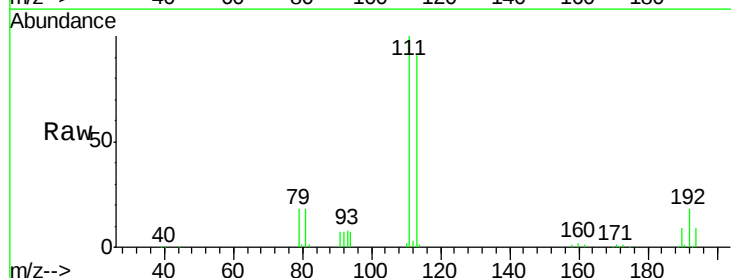
Tgt Ion:113 Resp: 69469

Ion Ratio Lower Upper

113 100

111 103.8 81.9 122.9

192 18.2 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

40000

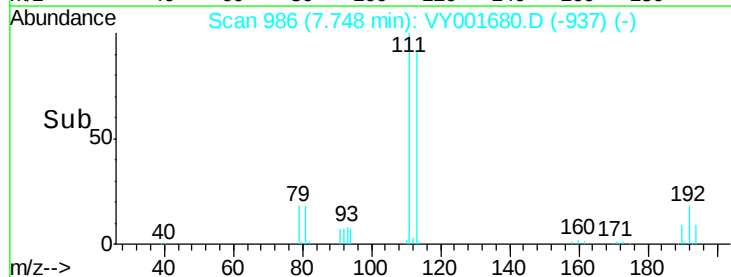
30000

20000

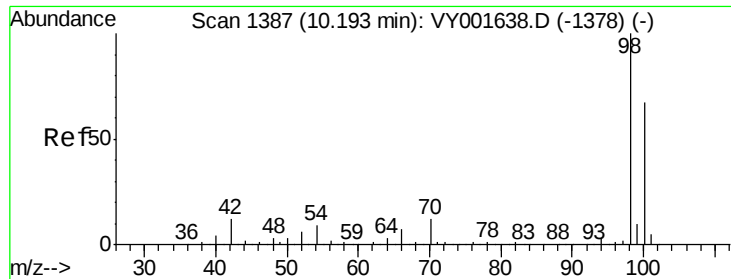
10000

0

7.60 7.70 7.80 7.90



Time-->



#50

Toluene-d8

Concen: 52.706 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001680.D

Acq: 18 Feb 2020 18:40

Instrument :

MSVOA_Y

ClientSampleId :

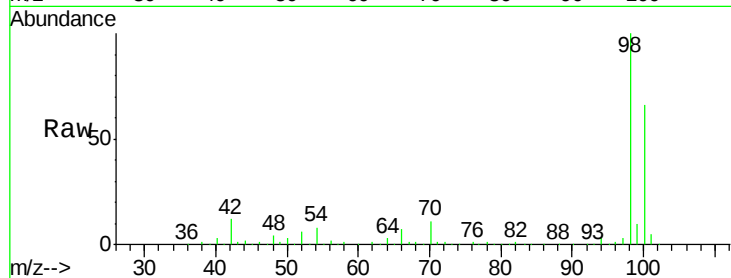
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Tot Ion: 98 Resp: 286203

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0

10.20

150000

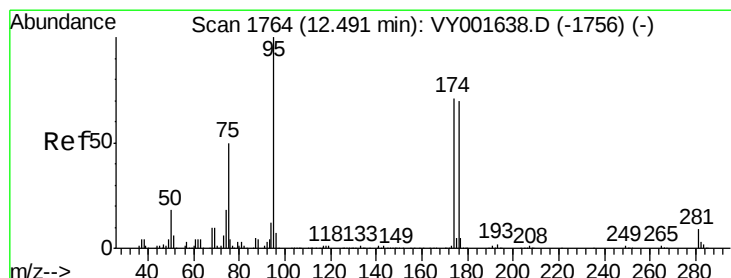
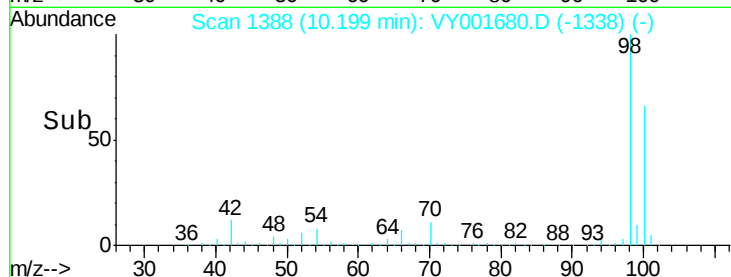
100000

50000

0

Time-->

10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: 47.161 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001680.D

Acq: 18 Feb 2020 18:40

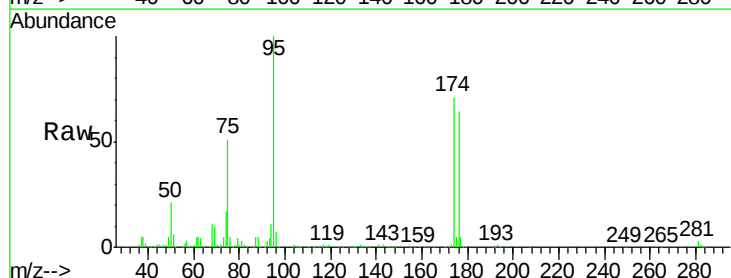
Tgt Ion: 95 Resp: 99490

Ion Ratio Lower Upper

95 100

174 76.5 0.0 138.4

176 72.2 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0

12.49

80000

60000

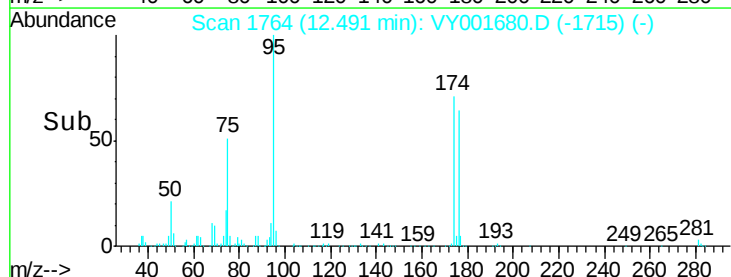
40000

20000

0

Time-->

12.40 12.45 12.50 12.55

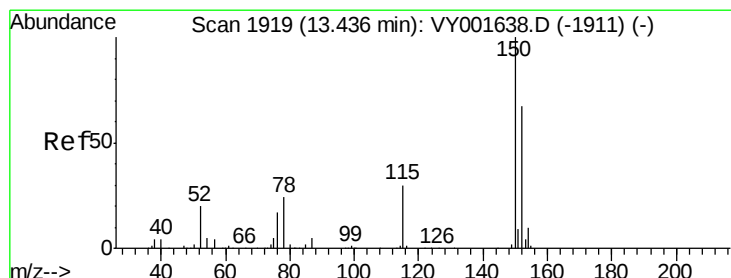
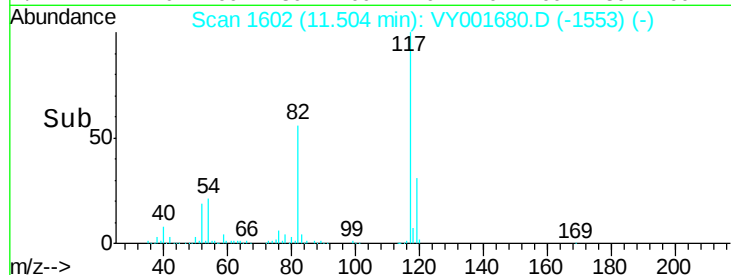
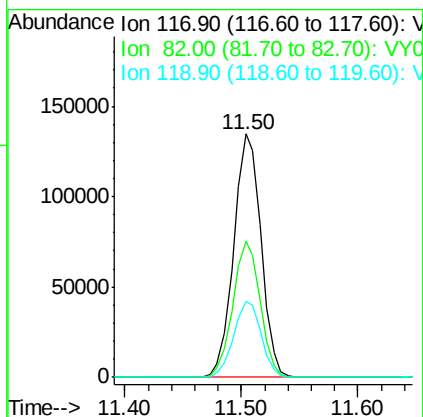
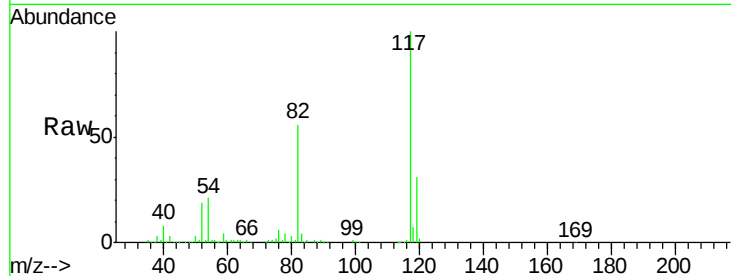




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001680.D
Acq: 18 Feb 2020 18:40

Instrument :
MSVOA_Y
ClientSampleId :
MARCY-GREEN-BH-02-C

Tot Ion:117 Resp: 219186
Ion Ratio Lower Upper
117 100
82 55.8 45.5 68.3
119 31.4 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY001680.D
Acq: 18 Feb 2020 18:40

Tgt Ion:152 Resp: 99953
Ion Ratio Lower Upper
152 100
115 60.3 31.4 94.2
150 159.2 0.0 407.2

