

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
 Data File : VY001677.D
 Acq On : 18 Feb 2020 17:34
 Operator : SY/MD
 Sample : L1547-06
 Misc : 5.57G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MARCY-GREEN-BH-01-C

Quant Time: Feb 19 07:38:43 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	152404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	281818	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	256308	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	115293	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.17	65	93227	56.87	ug/l	0.00
Spiked Amount			Recovery	=	113.74%	
35) Dibromofluoromethane	7.75	113	81965	50.78	ug/l	0.00
Spiked Amount			Recovery	=	101.56%	
50) Toluene-d8	10.19	98	337609	53.39	ug/l	0.00
Spiked Amount			Recovery	=	106.78%	
62) 4-Bromofluorobenzene	12.49	95	115532	47.03	ug/l	0.00
Spiked Amount			Recovery	=	94.06%	

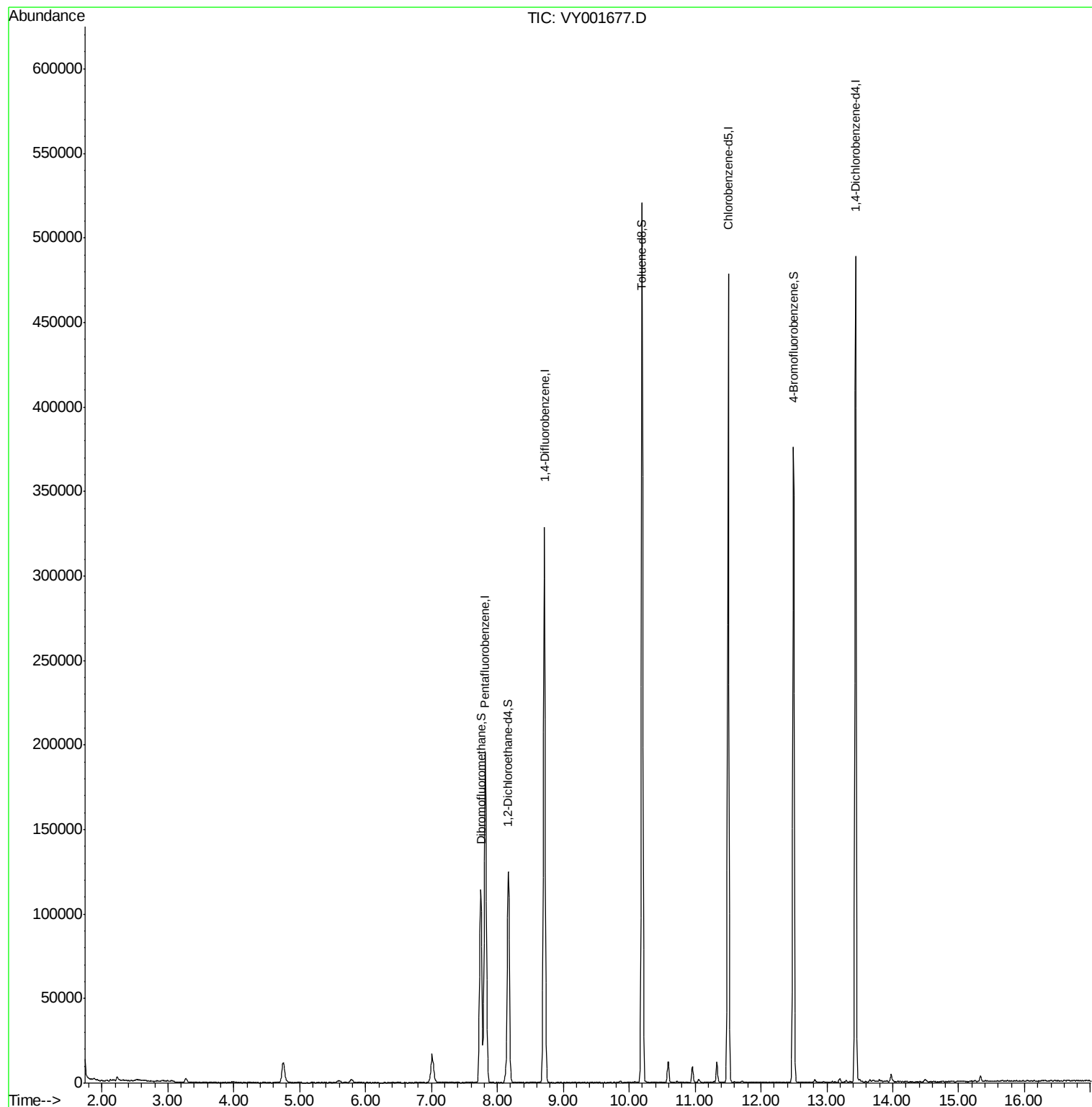
Target Compounds	Qvalue
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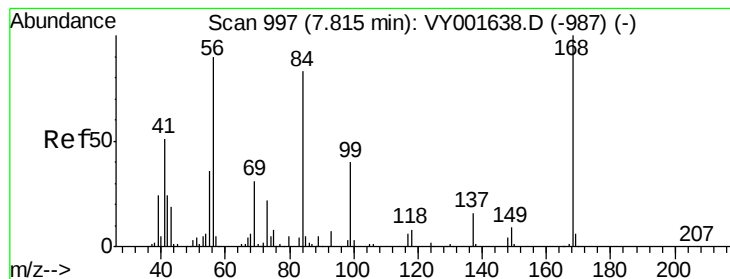
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001677.D

Acq: 18 Feb 2020 17:34

Instrument :

MSVOA_Y

ClientSampleId :

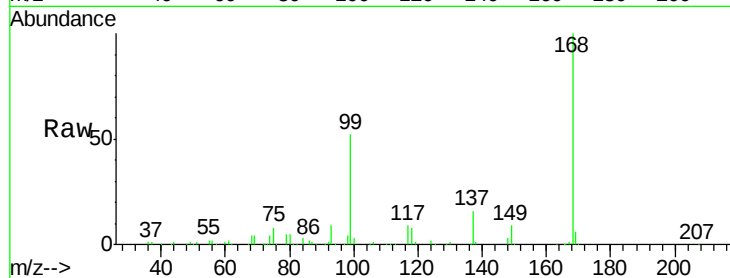
MARCY-GREEN-BH-01-C

Tot Ion:168 Resp: 152404

Ion Ratio Lower Upper

168 100

99 52.4 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001677.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001677.D (-948) (-)

7.82

60000

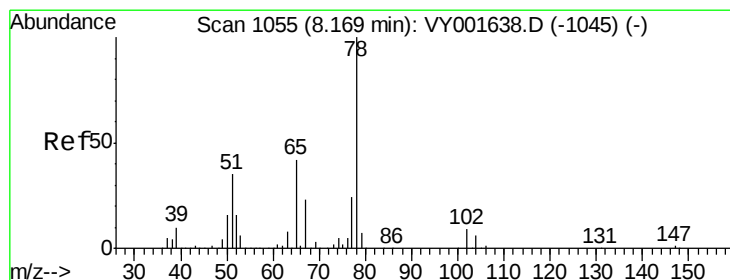
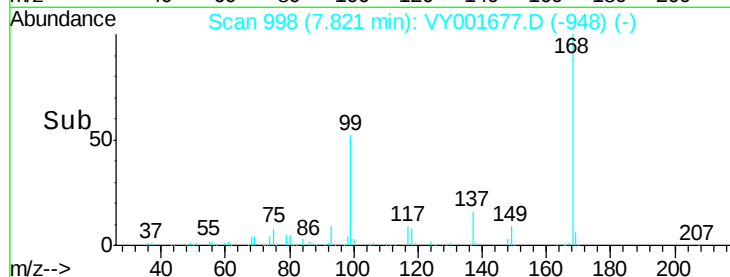
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.869 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001677.D

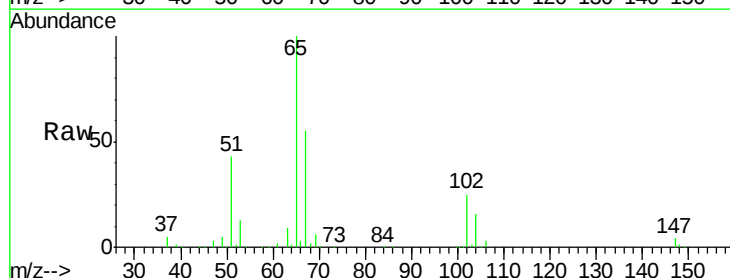
Acq: 18 Feb 2020 17:34

Tgt Ion: 65 Resp: 93227

Ion Ratio Lower Upper

65 100

67 53.9 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001677.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001677.D (-1006) (-)

8.17

40000

30000

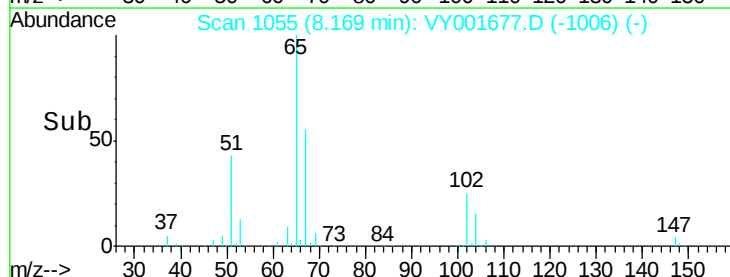
20000

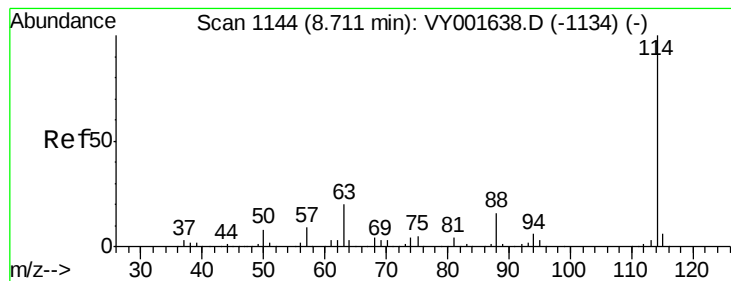
10000

0

8.10 8.20

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.00 min

Lab File: VY001677.D

Acq: 18 Feb 2020 17:34

Instrument :

MSVOA_Y

ClientSampleId :

MARCY-GREEN-BH-01-C

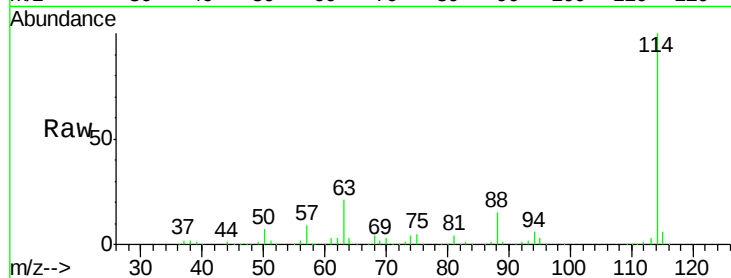
Tot Ion:114 Resp: 281818

Ion Ratio Lower Upper

114 100

63 21.1 0.0 41.4

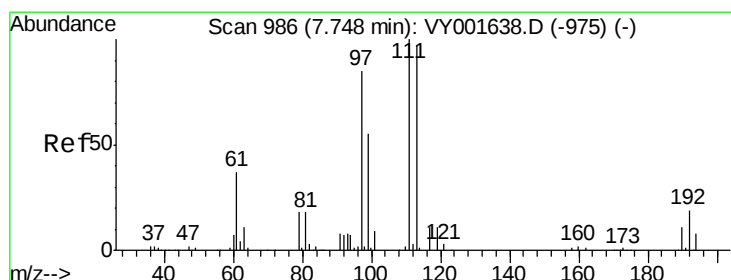
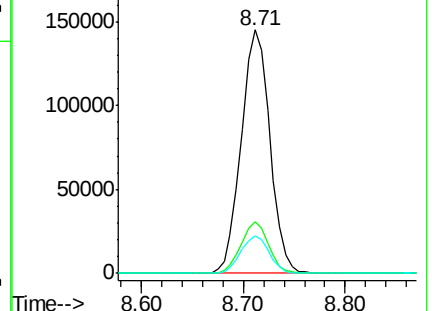
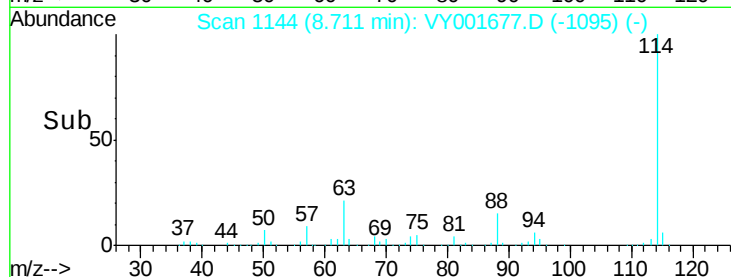
88 15.4 0.0 32.8



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



#35

Dibromofluoromethane

Concen: 50.780 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001677.D

Acq: 18 Feb 2020 17:34

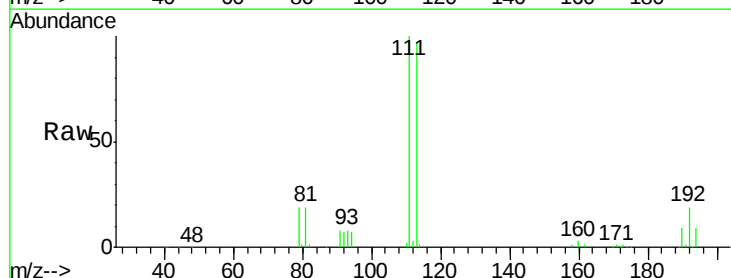
Tgt Ion:113 Resp: 81965

Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

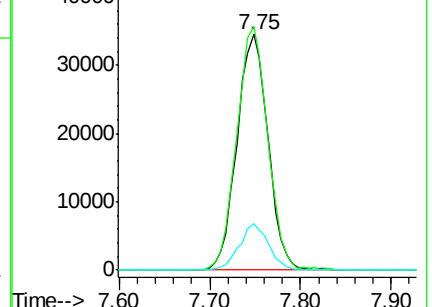
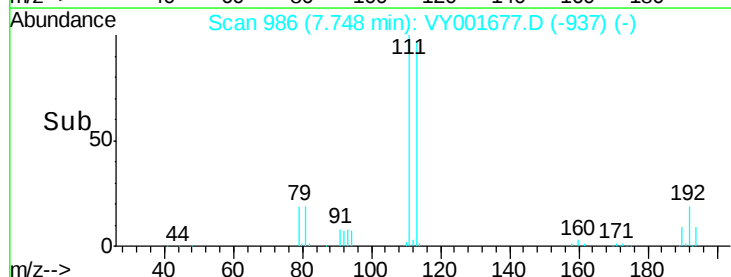
192 18.2 14.3 21.5

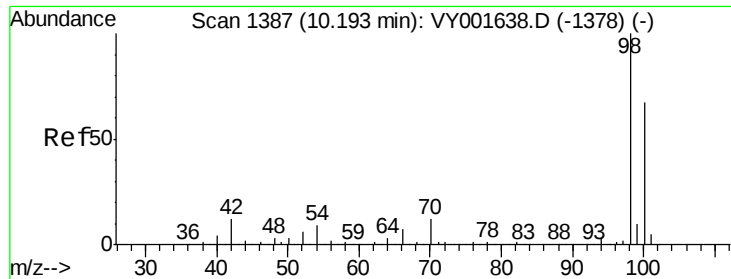


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.388 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001677.D

Acq: 18 Feb 2020 17:34

Instrument :

MSVOA_Y

ClientSampleId :

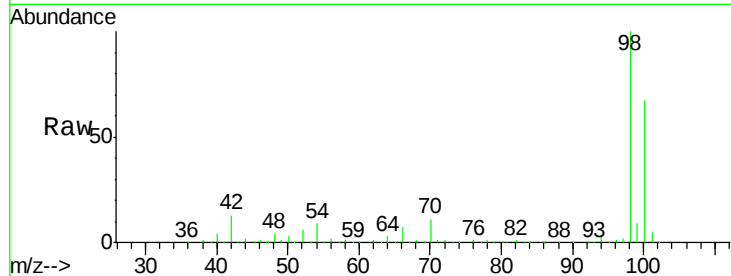
MARCY-GREEN-BH-01-C

Tot Ion: 98 Resp: 337609

Ion Ratio Lower Upper

98 100

100 66.3 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001638.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001677.D (-1338) (-)

10.19

200000

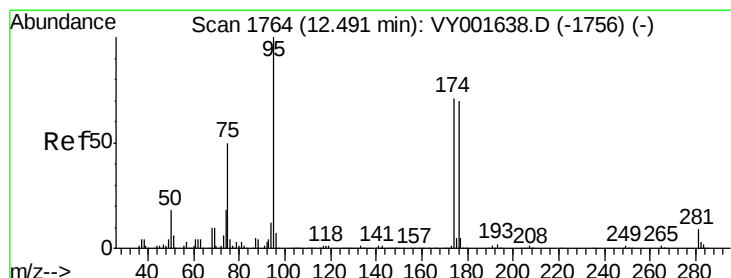
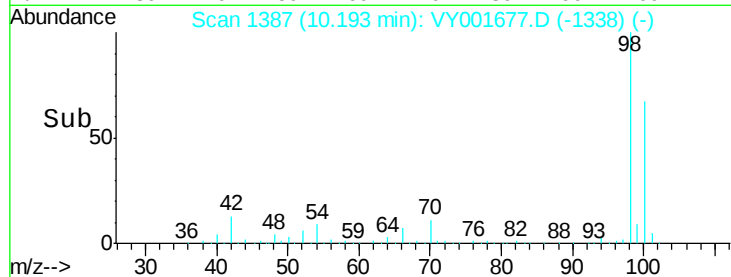
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.028 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001677.D

Acq: 18 Feb 2020 17:34

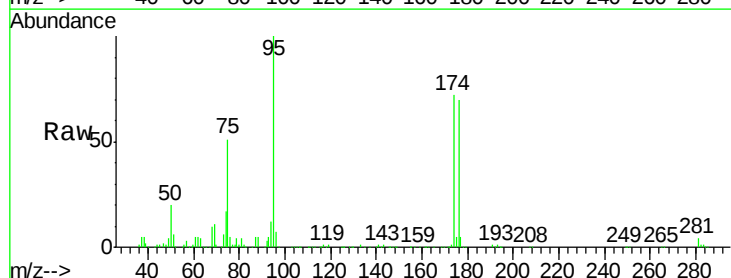
Tgt Ion: 95 Resp: 115532

Ion Ratio Lower Upper

95 100

174 76.0 0.0 138.4

176 71.9 0.0 131.8



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

Ion 173.80 (173.50 to 174.50): VY001677.D (-1715) (-)

Ion 175.80 (175.50 to 176.50): VY001677.D (-1715) (-)

12.49

100000

80000

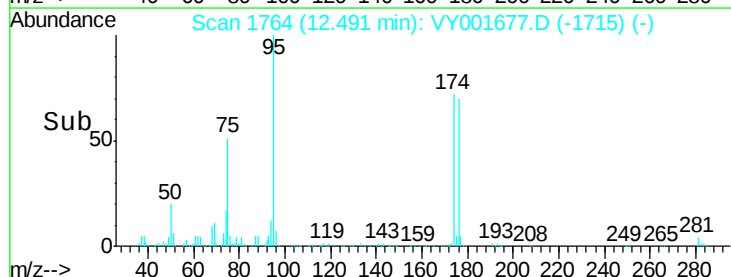
60000

40000

20000

0

Time-->

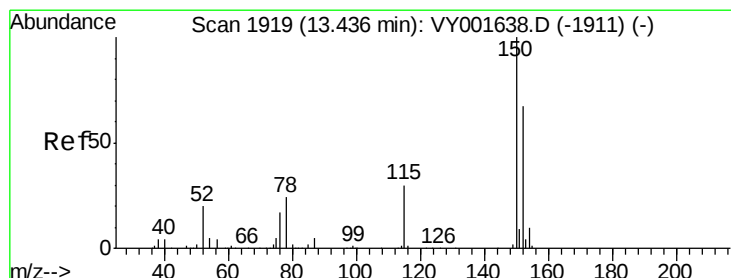
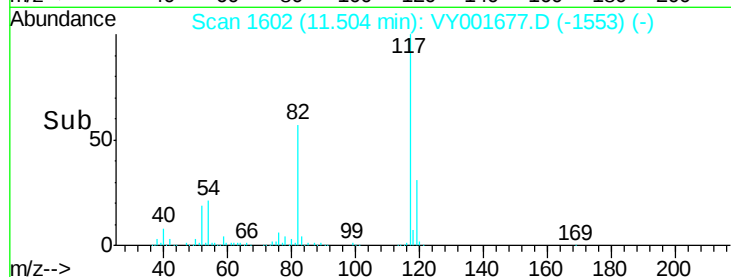
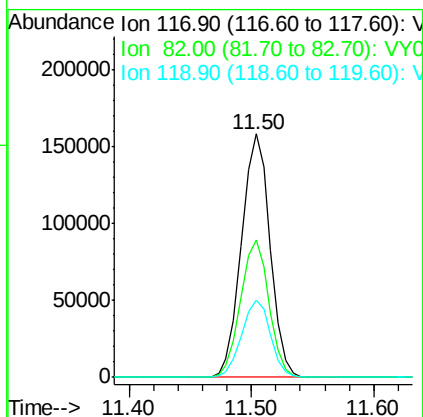
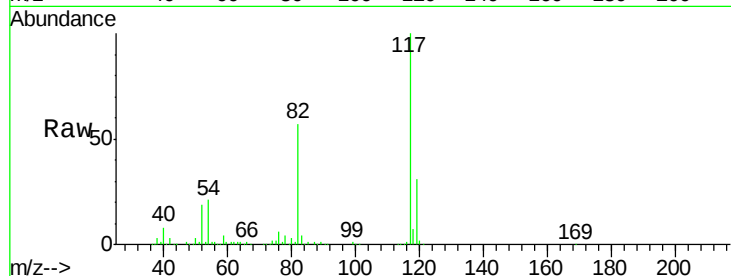




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001677.D
Acq: 18 Feb 2020 17:34

Instrument :
MSVOA_Y
ClientSampleId :
MARCY-GREEN-BH-01-C

Tot Ion:117 Resp: 256308
Ion Ratio Lower Upper
117 100
82 56.5 45.5 68.3
119 31.5 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: VY001677.D
Acq: 18 Feb 2020 17:34

Tgt Ion:152 Resp: 115293
Ion Ratio Lower Upper
152 100
115 60.9 31.4 94.2
150 157.7 0.0 407.2

