

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
 Data File : VY001698.D
 Acq On : 19 Feb 2020 13:53
 Operator : SY/MD
 Sample : L1547-16
 Misc : 4.01G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MARCY-GREEN-BH-03-A

Quant Time: Feb 20 05:59:25 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	7.81	168	144994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	266230	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	232774	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	95641	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	86473	55.44	ug/l	0.00
Spiked Amount			Recovery	=	110.88%	
35) Dibromofluoromethane	7.74	113	76393	50.10	ug/l	0.00
Spiked Amount			Recovery	=	100.20%	
50) Toluene-d8	10.19	98	318557	53.32	ug/l	0.00
Spiked Amount			Recovery	=	106.64%	
62) 4-Bromofluorobenzene	12.49	95	102816	44.30	ug/l	0.00
Spiked Amount			Recovery	=	88.60%	

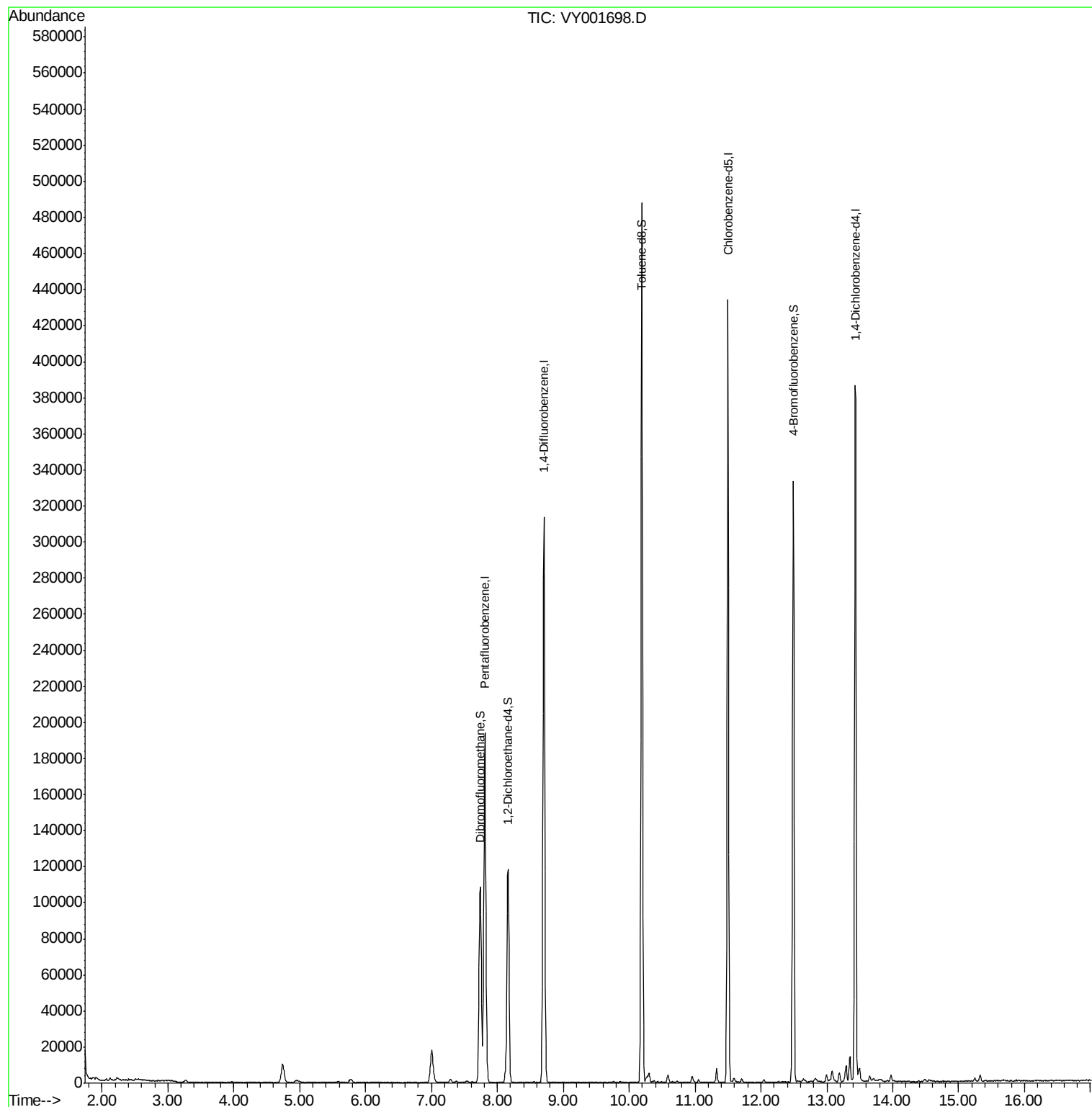
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001698.D

Acq: 19 Feb 2020 13:53

Instrument :

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ClientSampleId :

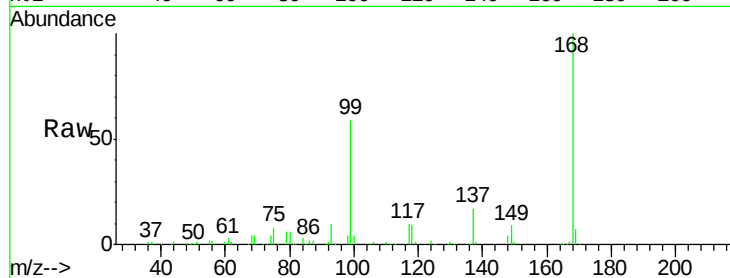
MARCY-GREEN-BH-03-A

Tot Ion:168 Resp: 144994

Ion Ratio Lower Upper

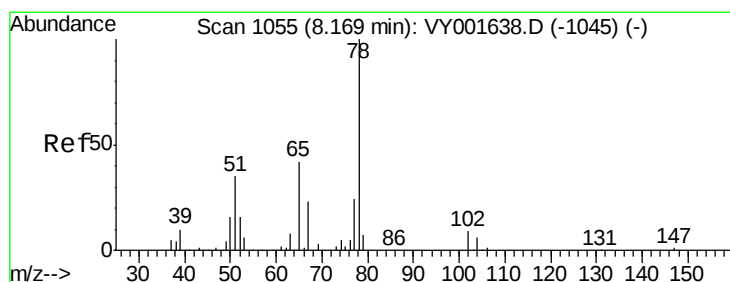
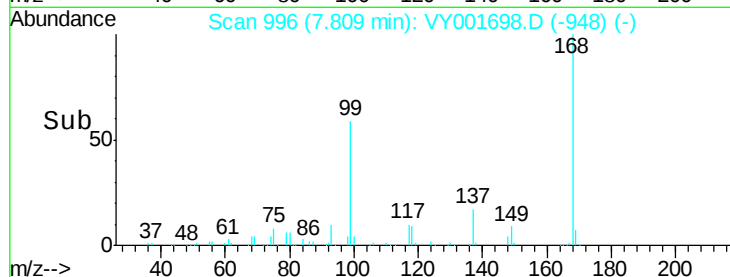
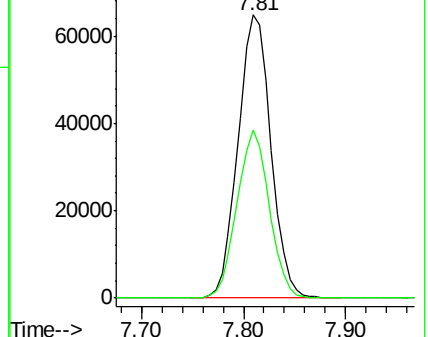
168 100

99 59.4 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001698.D (-1045) (-)

Ion 98.90 (98.60 to 99.60): VY001698.D (-1045) (-)



#33

1,2-Dichloroethane-d4

Concen: 55.445 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001698.D

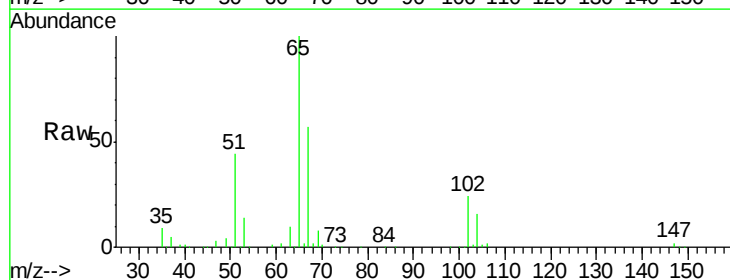
Acq: 19 Feb 2020 13:53

Tgt Ion: 65 Resp: 86473

Ion Ratio Lower Upper

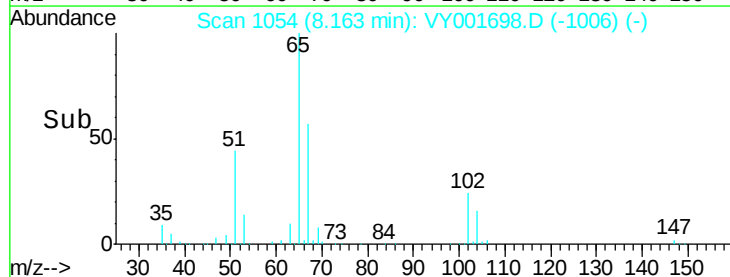
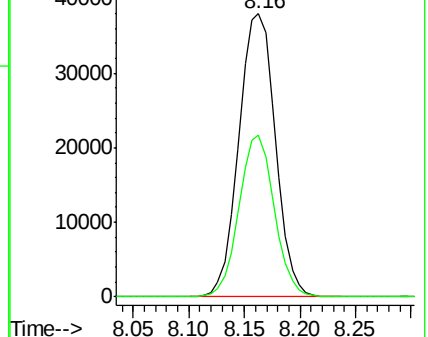
65 100

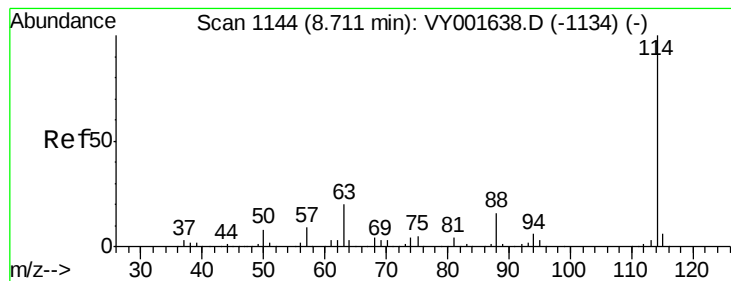
67 55.0 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001698.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001698.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001698.D

Acq: 19 Feb 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

MARCY-GREEN-BH-03-A

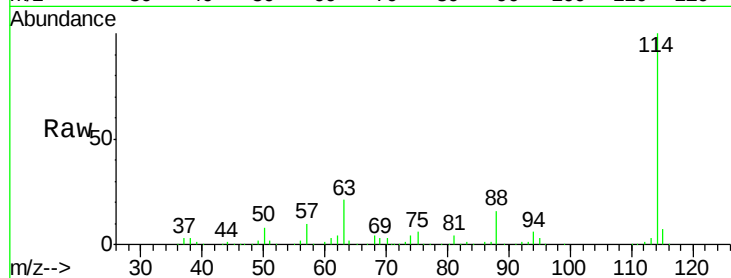
Tot Ion:114 Resp: 266230

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.4

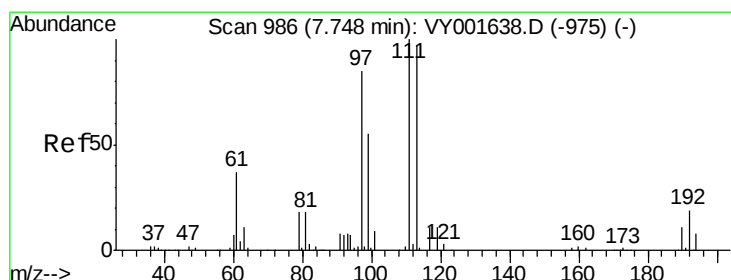
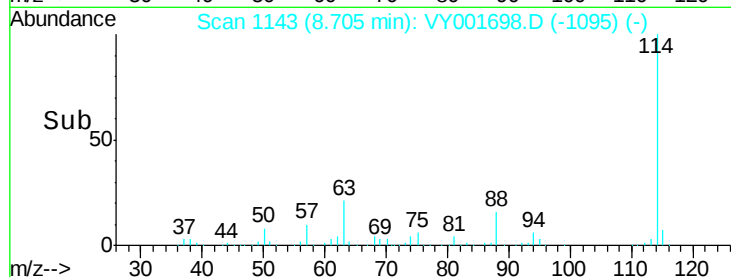
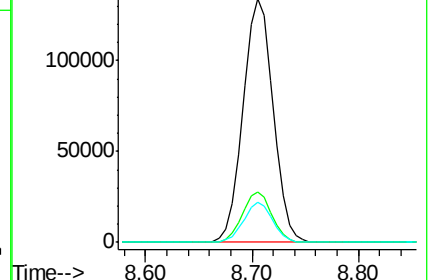
88 16.4 0.0 32.8



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: 50.099 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001698.D

Acq: 19 Feb 2020 13:53

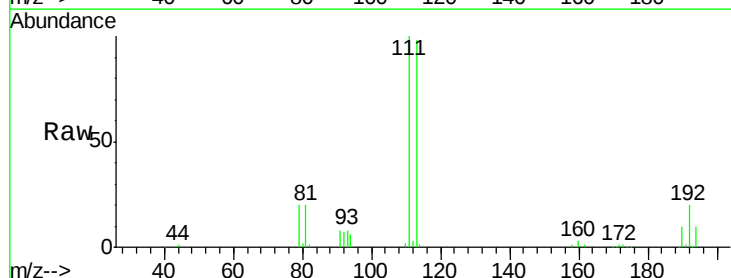
Tgt Ion:113 Resp: 76393

Ion Ratio Lower Upper

113 100

111 104.4 81.9 122.9

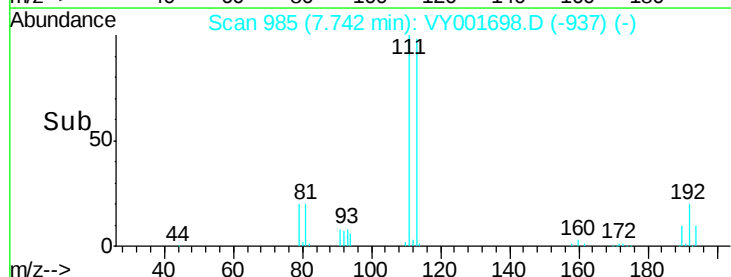
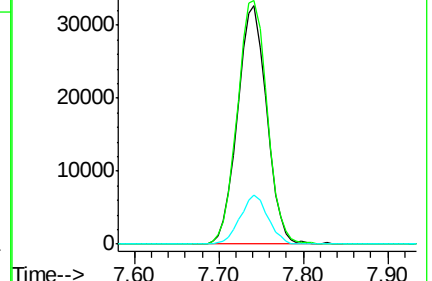
192 19.6 14.3 21.5

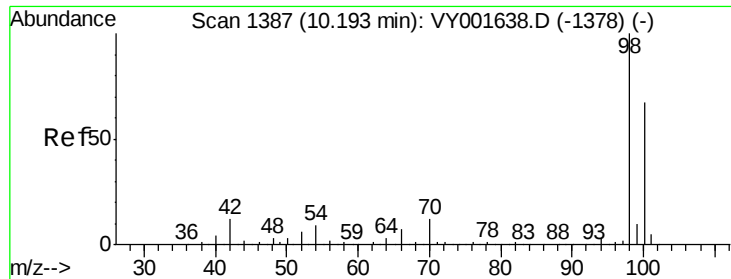


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.325 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001698.D

Acq: 19 Feb 2020 13:53

Instrument :

MSVOA_Y

ClientSampleId :

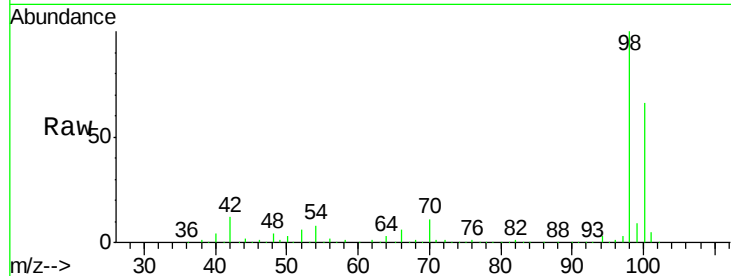
MARCY-GREEN-BH-03-A

Tot Ion: 98 Resp: 318557

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

10.19

200000

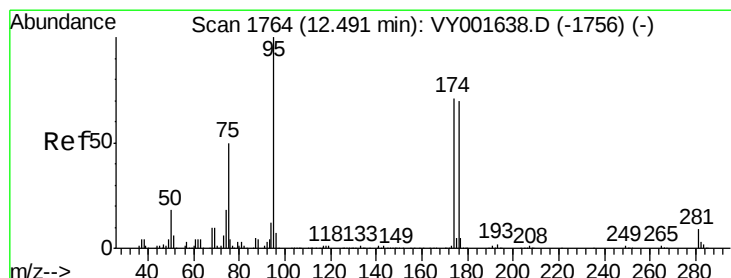
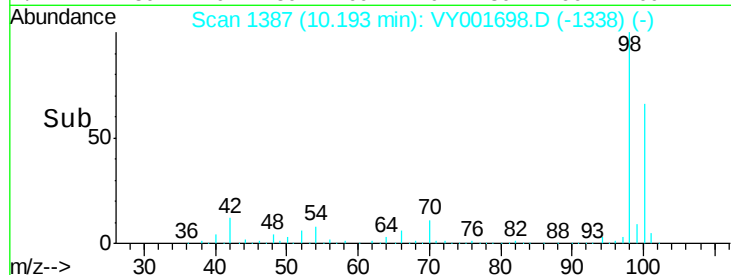
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.302 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001698.D

Acq: 19 Feb 2020 13:53

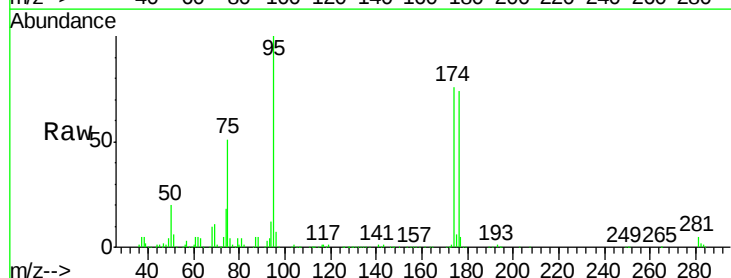
Tgt Ion: 95 Resp: 102816

Ion Ratio Lower Upper

95 100

174 74.5 0.0 138.4

176 72.0 0.0 131.8



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

12.49

80000

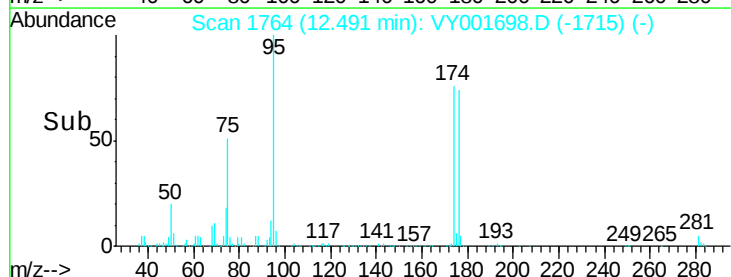
60000

40000

20000

0

Time-->

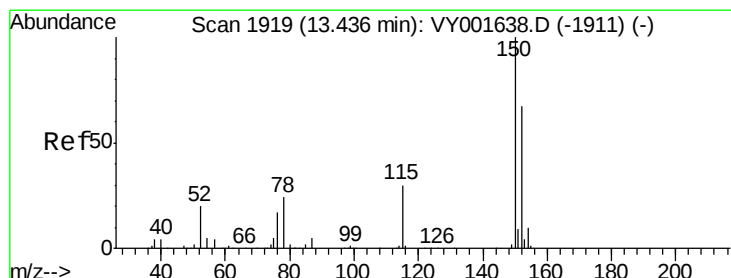
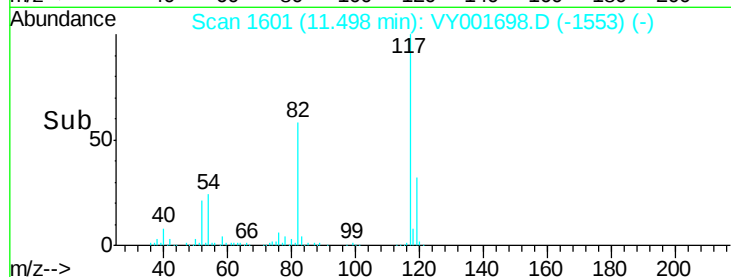
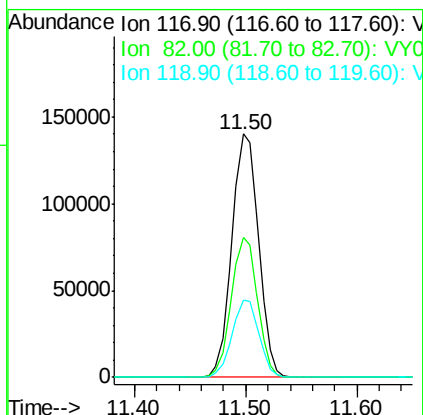
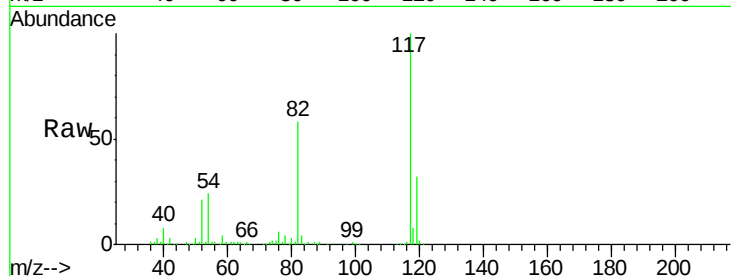




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001698.D
Acq: 19 Feb 2020 13:53

Instrument :
MSVOA_Y
ClientSampleId :
MARCY-GREEN-BH-03-A

Tot Ion:117 Resp: 232774
Ion Ratio Lower Upper
117 100
82 57.5 45.5 68.3
119 31.8 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: VY001698.D
Acq: 19 Feb 2020 13:53

Tgt Ion:152 Resp: 95641
Ion Ratio Lower Upper
152 100
115 61.2 31.4 94.2
150 158.8 0.0 407.2

