

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
 Data File : VY001694.D
 Acq On : 19 Feb 2020 12:25
 Operator : SY/MD
 Sample : L1547-04
 Misc : 5.56G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Feb 19 14:01:09 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	7.80	168	72133	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	121576	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	93901	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	33395	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		8.15	65	34584	44.57	ug/l	-0.02
Spiked Amount	50.000			Recovery	=	89.14%	
35) Dibromofluoromethane		7.74	113	33087	47.52	ug/l	-0.01
Spiked Amount	50.000			Recovery	=	95.04%	
50) Toluene-d8		10.19	98	140895	51.65	ug/l	0.00
Spiked Amount	50.000			Recovery	=	103.30%	
62) 4-Bromofluorobenzene		12.49	95	37779	35.65	ug/l	0.00
Spiked Amount	50.000			Recovery	=	71.30%	

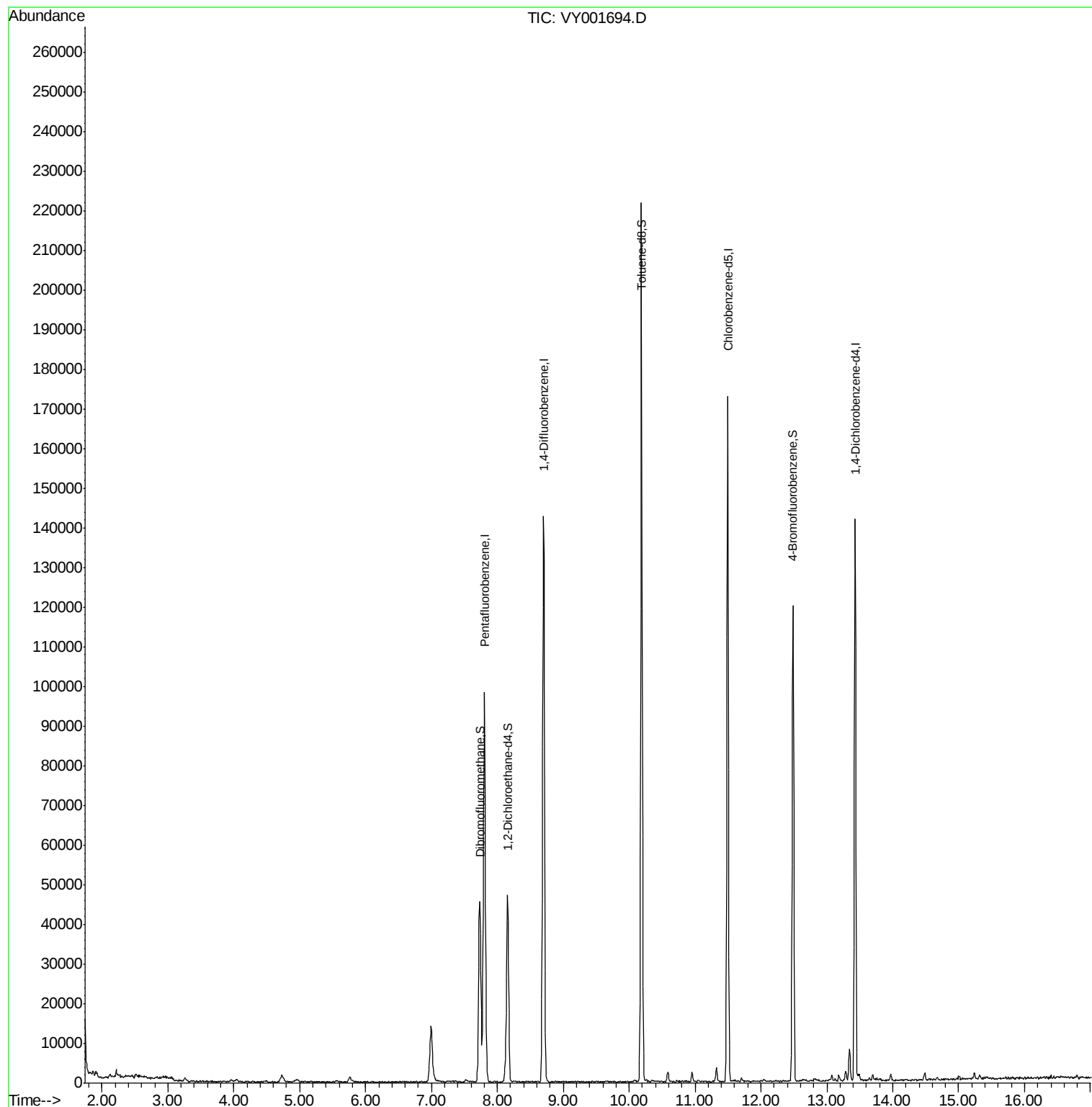
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001694.D

Acq: 19 Feb 2020 12:25

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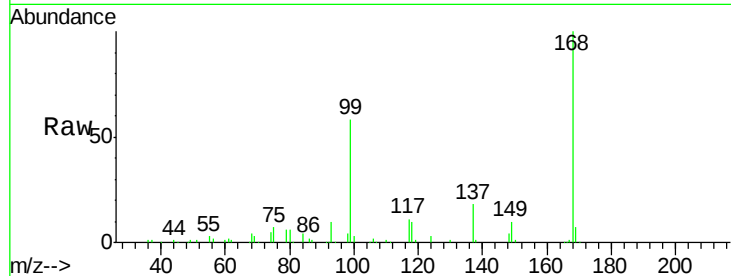
MARCY-GREEN-BH-01-A

Tot Ion:168 Resp: 72133

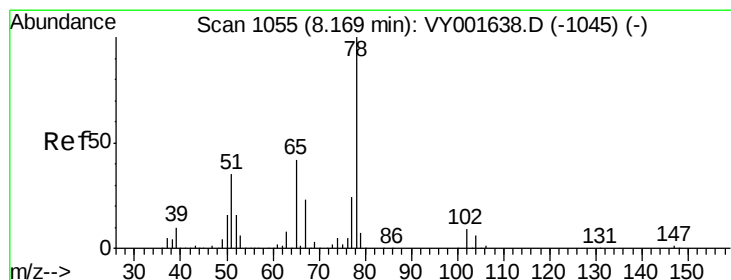
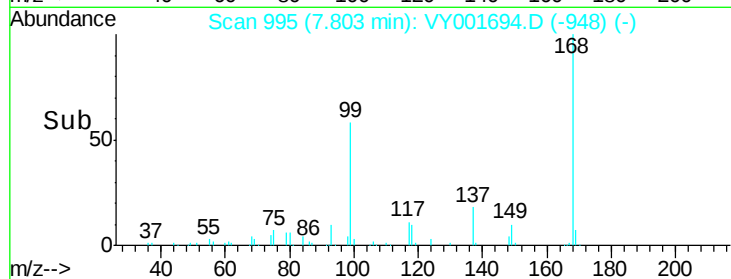
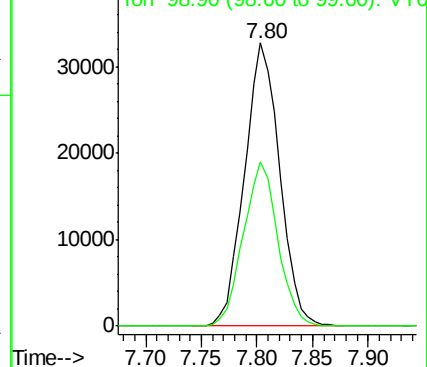
Ion Ratio Lower Upper

168 100

99 58.0 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001694.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 44.573 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.02 min

Lab File: VY001694.D

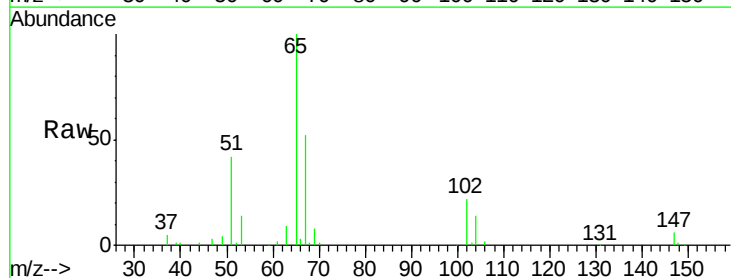
Acq: 19 Feb 2020 12:25

Tgt Ion: 65 Resp: 34584

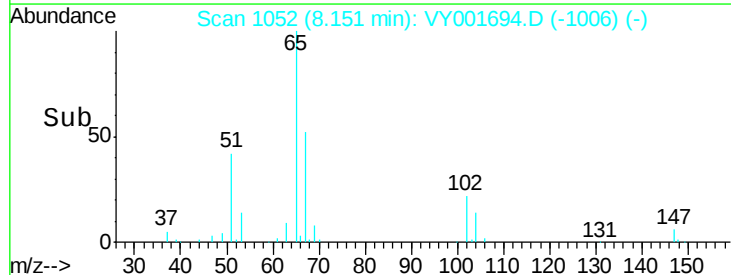
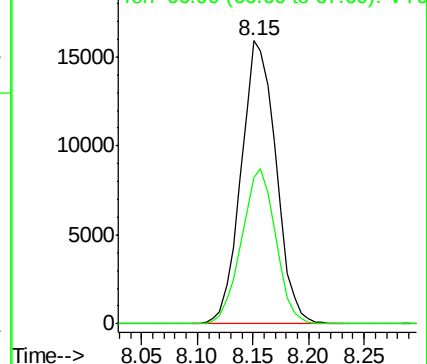
Ion Ratio Lower Upper

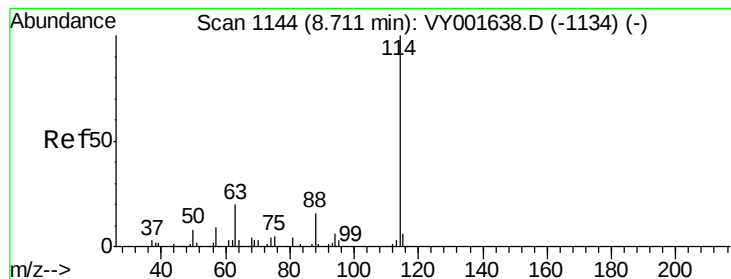
65 100

67 53.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001694.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY001694.D

Acq: 19 Feb 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

MARCY-GREEN-BH-01-A

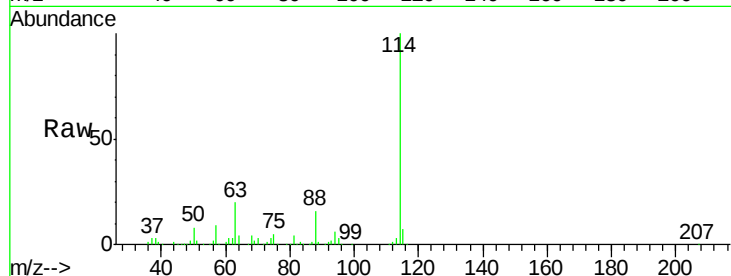
Tot Ion:114 Resp: 121576

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

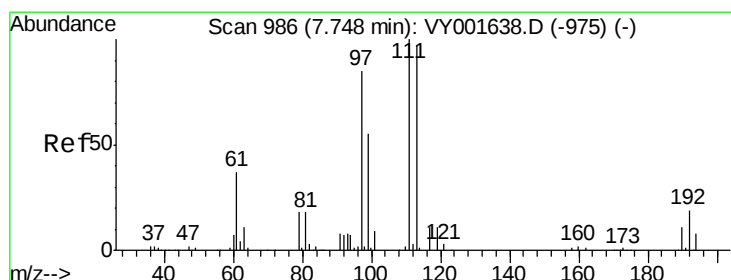
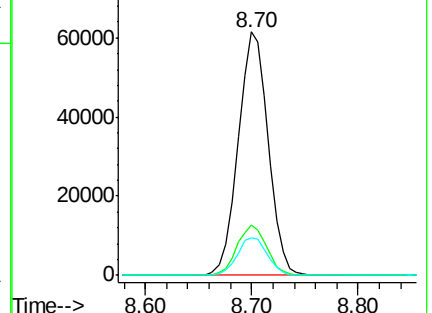
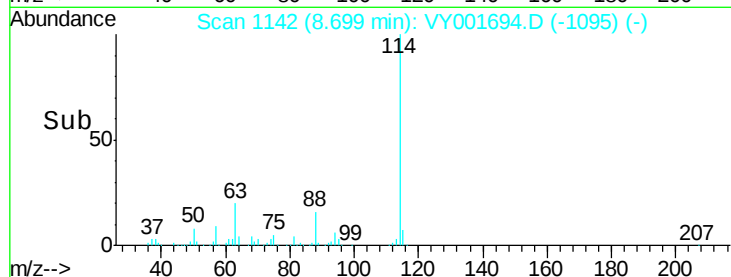
88 15.6 0.0 32.8



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: 47.516 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001694.D

Acq: 19 Feb 2020 12:25

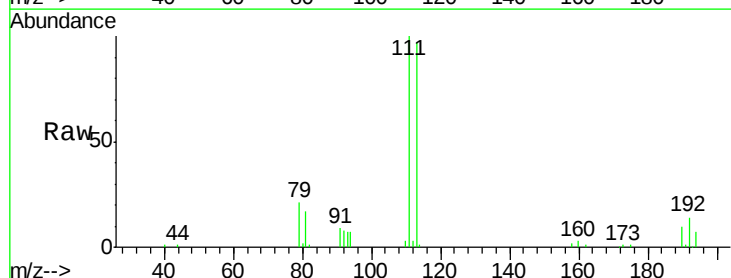
Tgt Ion:113 Resp: 33087

Ion Ratio Lower Upper

113 100

111 104.2 81.9 122.9

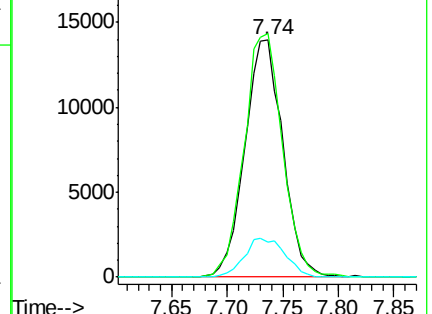
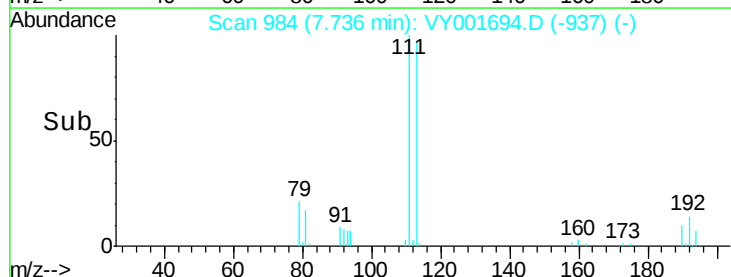
192 17.7 14.3 21.5

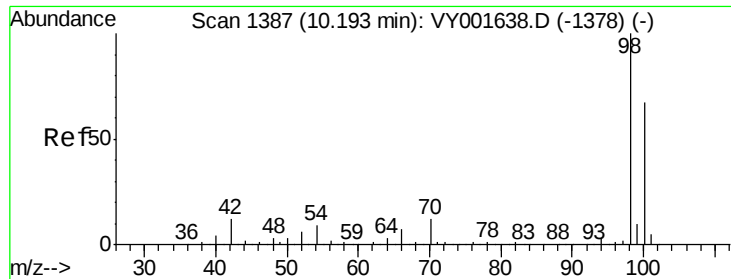


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.647 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001694.D

Acq: 19 Feb 2020 12:25

Instrument :

MSVOA_Y

ClientSampleId :

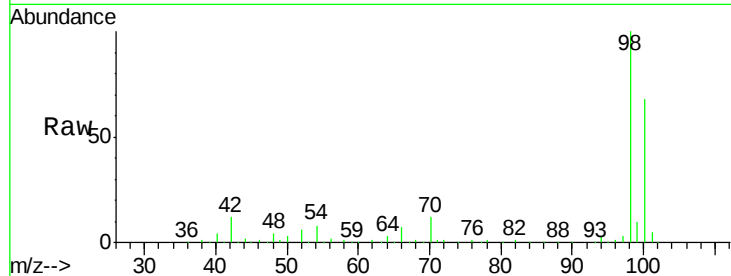
MARCY-GREEN-BH-01-A

Tot Ion: 98 Resp: 140895

Ion Ratio Lower Upper

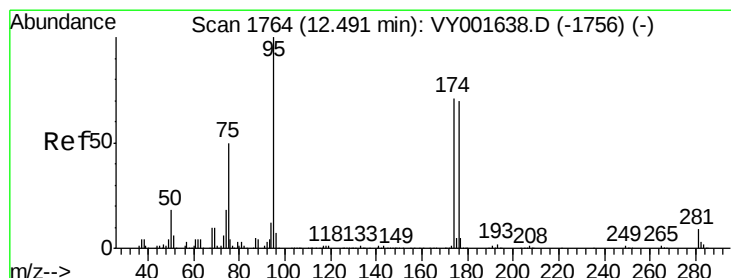
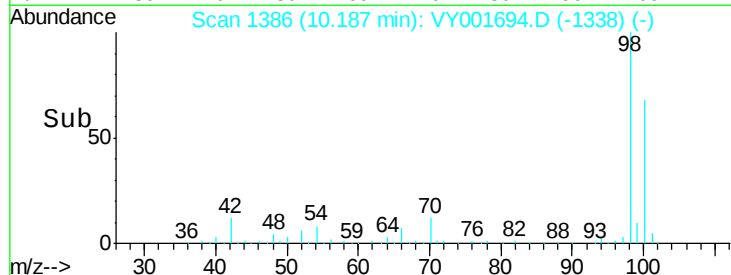
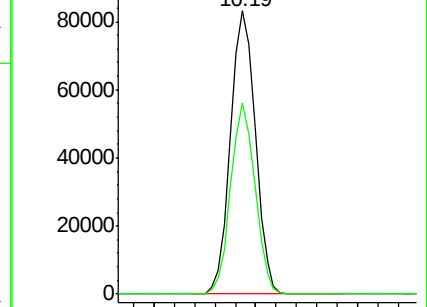
98 100

100 65.7 53.0 79.4



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

Ion 100.00 (99.70 to 100.70): VY001638.D (-1378) (-)



#62

4-Bromofluorobenzene

Concen: 35.647 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001694.D

Acq: 19 Feb 2020 12:25

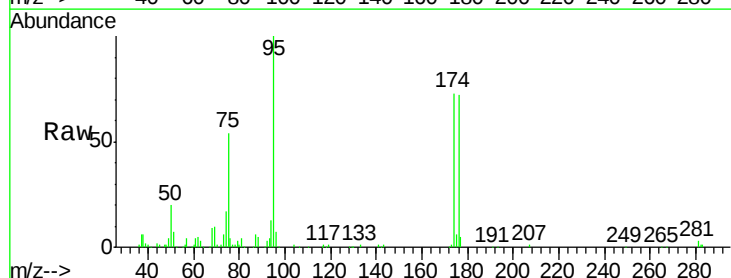
Tgt Ion: 95 Resp: 37779

Ion Ratio Lower Upper

95 100

174 75.2 0.0 138.4

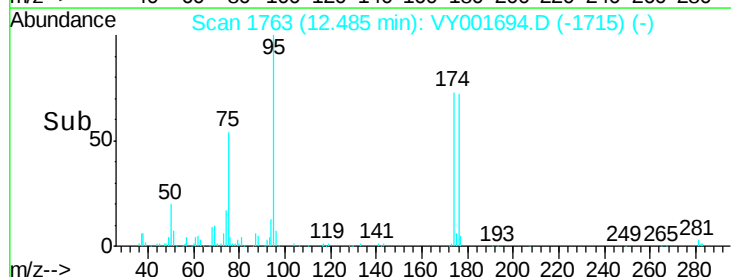
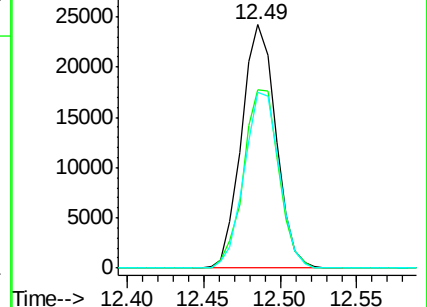
176 73.6 0.0 131.8



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) (-)

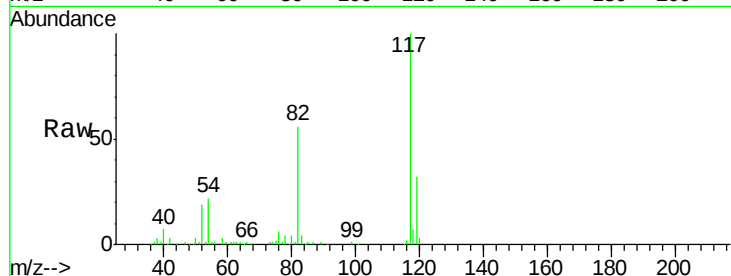




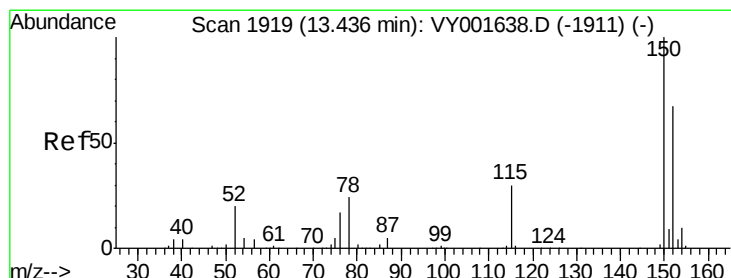
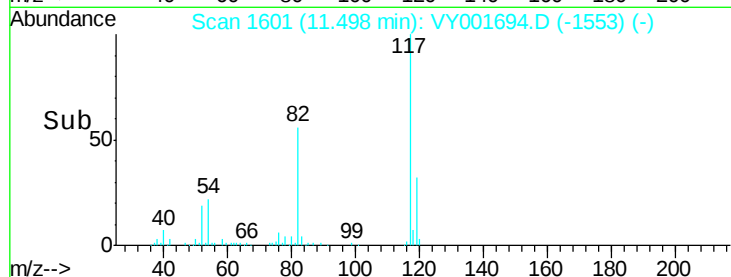
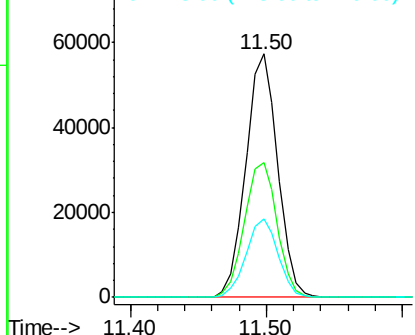
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001694.D
Acq: 19 Feb 2020 12:25

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

Tot Ion:117 Resp: 93901
Ion Ratio Lower Upper
117 100
82 55.5 45.5 68.3
119 32.3 25.8 38.6

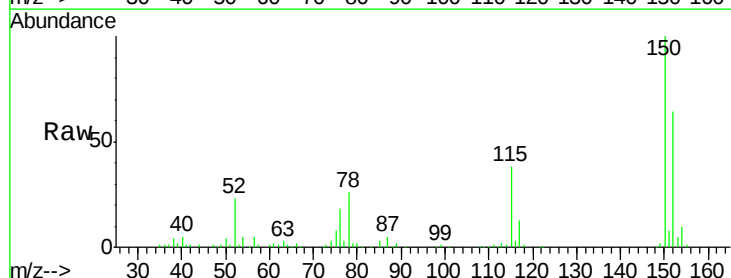


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001694.D
Acq: 19 Feb 2020 12:25

Tgt Ion:152 Resp: 33395
Ion Ratio Lower Upper
152 100
115 60.5 31.4 94.2
150 160.3 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

