

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021920\
 Data File : VY001699.D
 Acq On : 19 Feb 2020 14:15
 Operator : SY/MD
 Sample : L1547-17
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Feb 20 06:01:26 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	138304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	253045	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.50	117	214581	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	80765	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	80093	53.84	ug/l	0.00
Spiked Amount						
			Recovery	=		107.68%
35) Dibromofluoromethane	7.74	113	71981	49.67	ug/l	-0.01
Spiked Amount						
			Recovery	=		99.34%
50) Toluene-d8	10.19	98	299955	52.83	ug/l	0.00
Spiked Amount						
			Recovery	=		105.66%
62) 4-Bromofluorobenzene	12.49	95	90274	40.92	ug/l	0.00
Spiked Amount						
			Recovery	=		81.84%

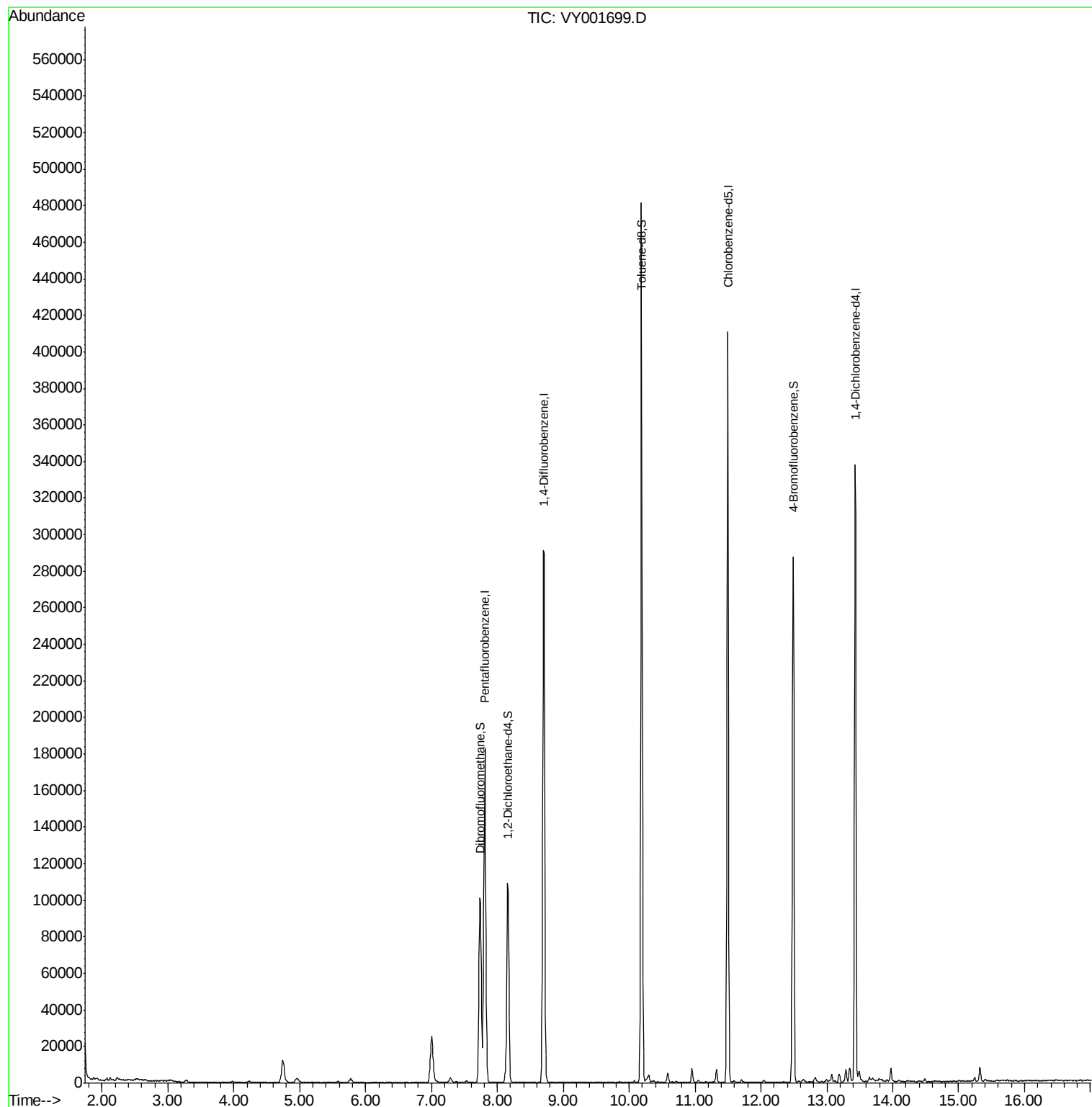
Target Compounds	Qvalue

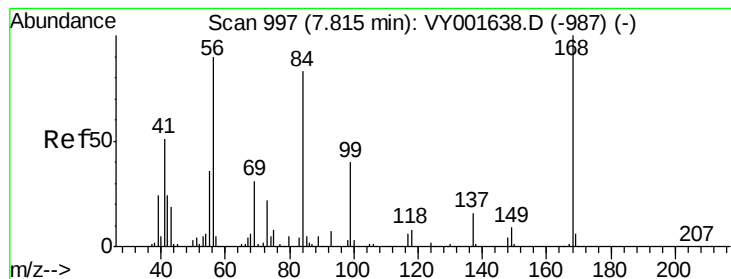
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001699.D

Acq: 19 Feb 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

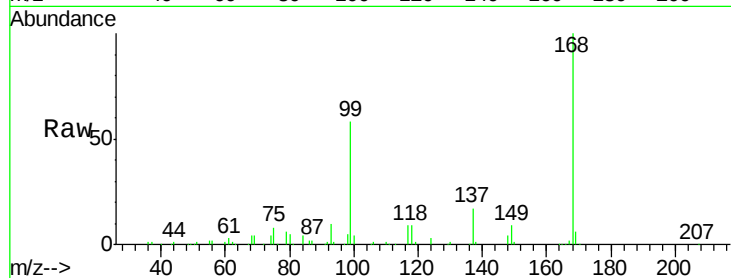
MARCY-GREEN-BH-03-B

Tot Ion:168 Resp: 138304

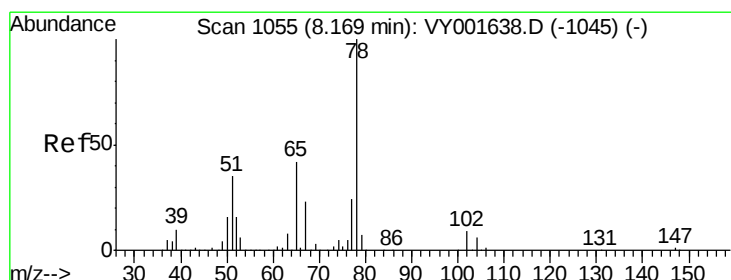
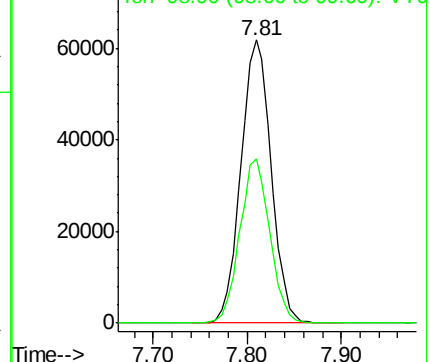
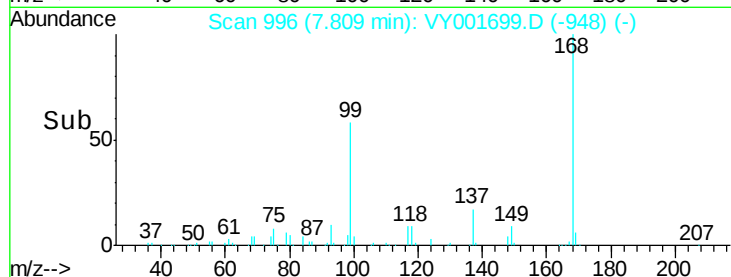
Ion Ratio Lower Upper

168 100

99 57.8 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001699.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 53.838 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001699.D

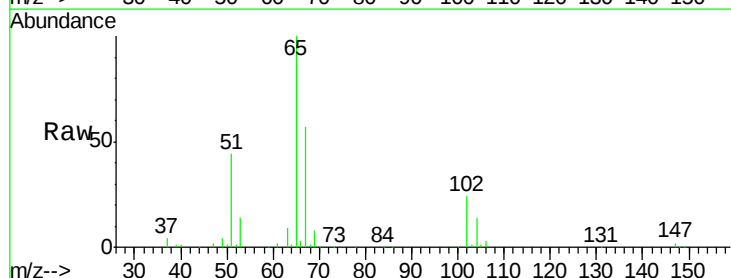
Acq: 19 Feb 2020 14:15

Tgt Ion: 65 Resp: 80093

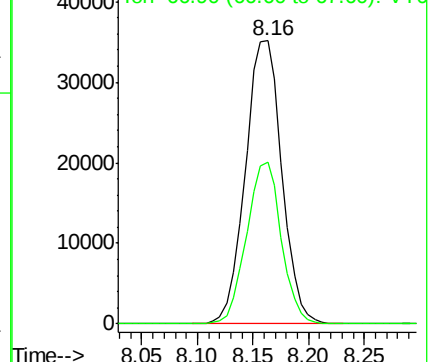
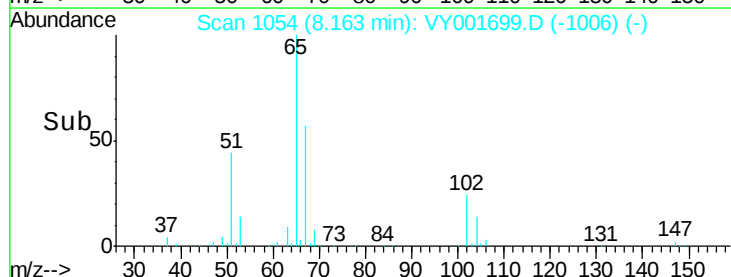
Ion Ratio Lower Upper

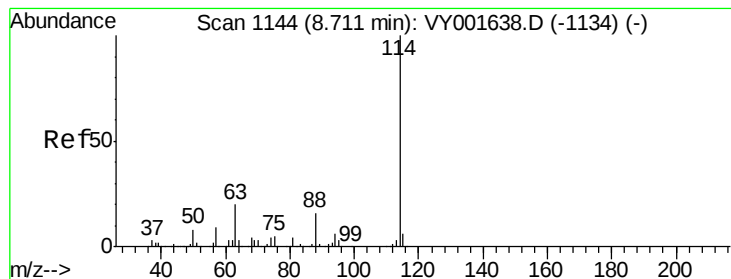
65 100

67 54.4 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001699.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: VY001699.D

Acq: 19 Feb 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

MARCY-GREEN-BH-03-B

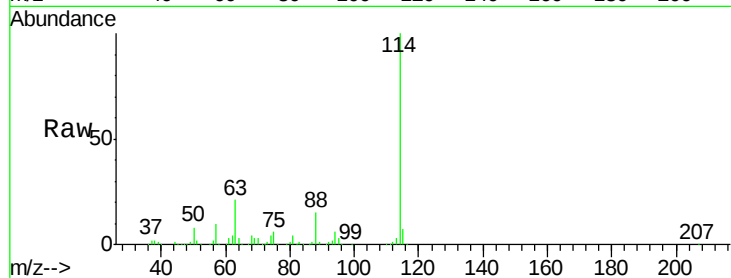
Tot Ion:114 Resp: 253045

Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.4

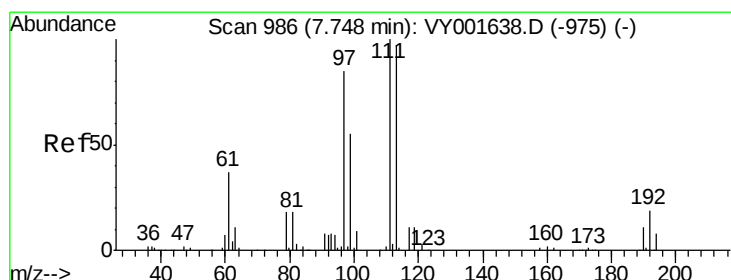
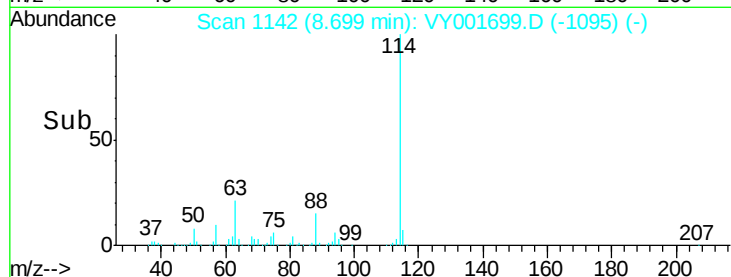
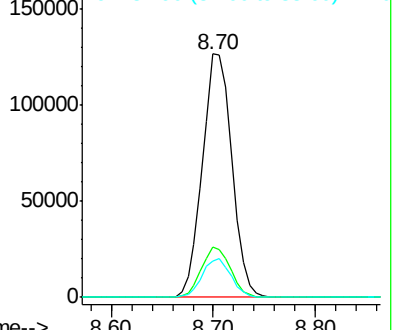
88 14.9 0.0 32.8



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: 49.665 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.01 min

Lab File: VY001699.D

Acq: 19 Feb 2020 14:15

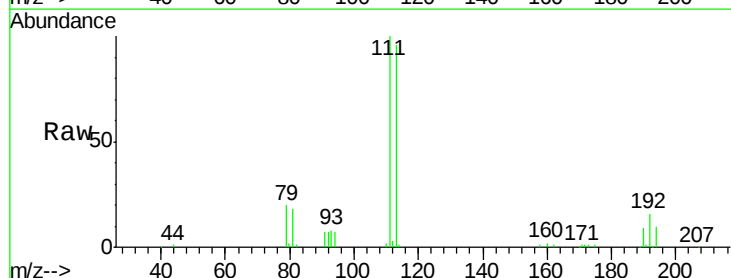
Tgt Ion:113 Resp: 71981

Ion Ratio Lower Upper

113 100

111 104.6 81.9 122.9

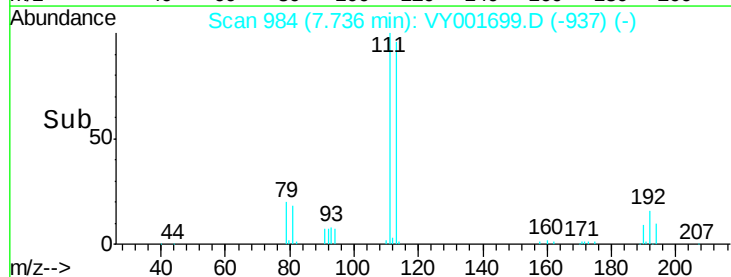
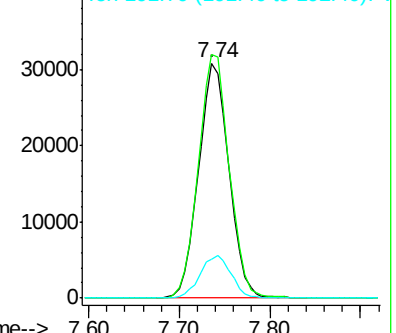
192 18.5 14.3 21.5

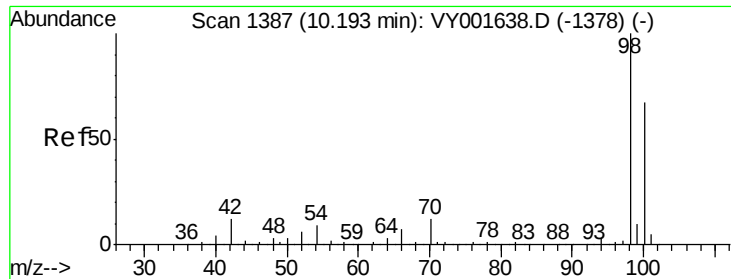


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.827 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.01 min

Lab File: VY001699.D

Acq: 19 Feb 2020 14:15

Instrument :

MSVOA_Y

ClientSampleId :

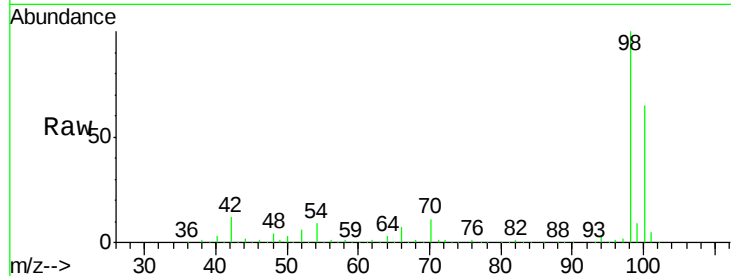
MARCY-GREEN-BH-03-B

Tot Ion: 98 Resp: 299955

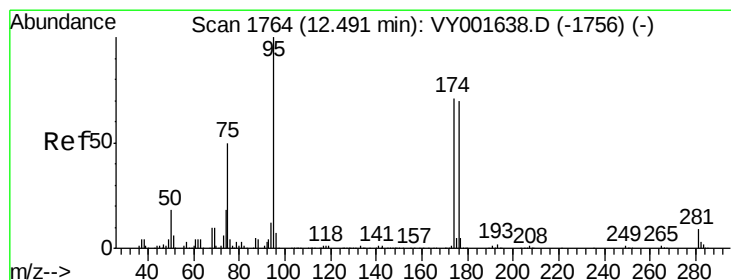
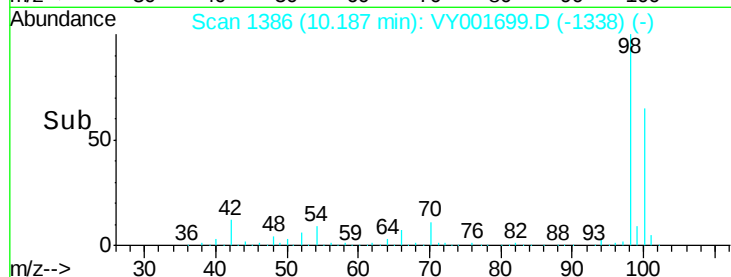
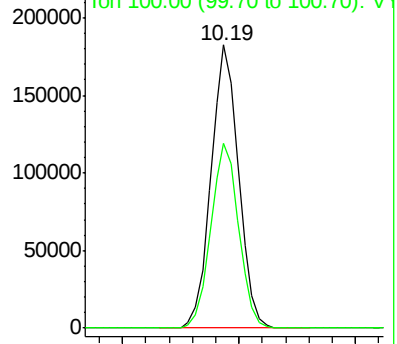
Ion Ratio Lower Upper

98 100

100 65.8 53.0 79.4



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



#62

4-Bromofluorobenzene

Concen: 40.924 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001699.D

Acq: 19 Feb 2020 14:15

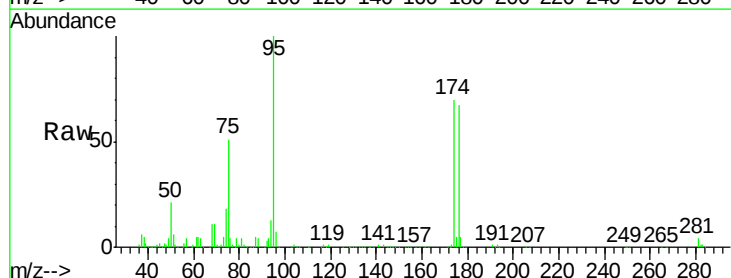
Tgt Ion: 95 Resp: 90274

Ion Ratio Lower Upper

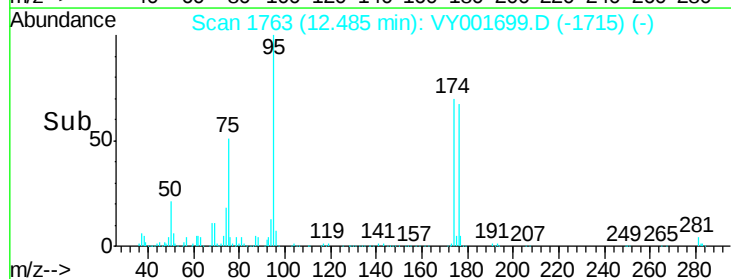
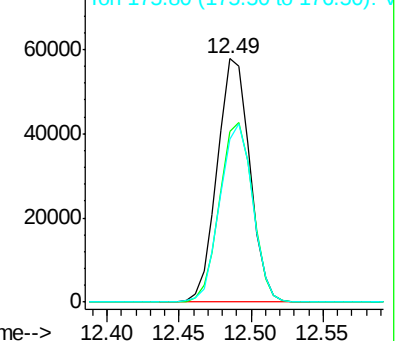
95 100

174 74.9 0.0 138.4

176 73.7 0.0 131.8



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

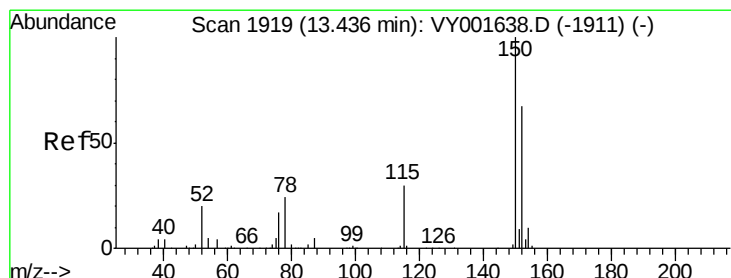
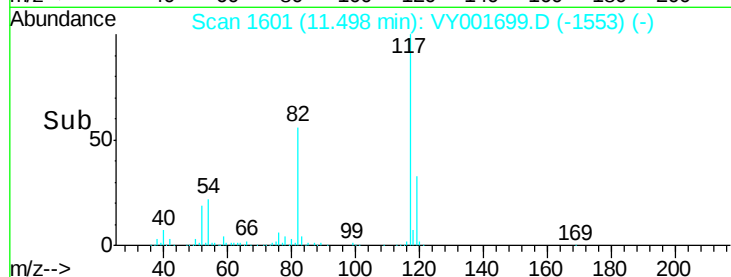
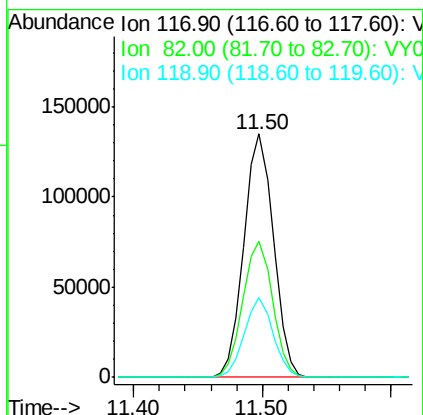
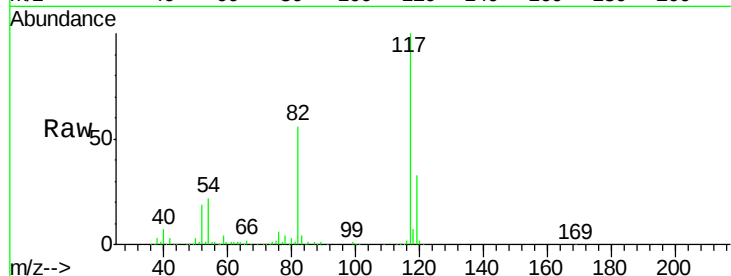




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: VY001699.D
Acq: 19 Feb 2020 14:15

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

Tot Ion:117 Resp: 214581
Ion Ratio Lower Upper
117 100
82 55.8 45.5 68.3
119 32.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. -0.01 min
Lab File: VY001699.D
Acq: 19 Feb 2020 14:15

Tgt Ion:152 Resp: 80765
Ion Ratio Lower Upper
152 100
115 61.7 31.4 94.2
150 158.4 0.0 407.2

