

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
 Data File : VY001685.D
 Acq On : 18 Feb 2020 20:31
 Operator : SY/MD
 Sample : L1547-20
 Misc : 3.78G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MARCY-GREEN-BH-04-B

Quant Time: Feb 19 07:59:31 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	130501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.72	114	240728	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	216619	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	98866	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.18	65	79755	56.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.64%	
35) Dibromofluoromethane	7.75	113	70210	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
50) Toluene-d8	10.20	98	288925	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
62) 4-Bromofluorobenzene	12.50	95	100729	48.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.00%	

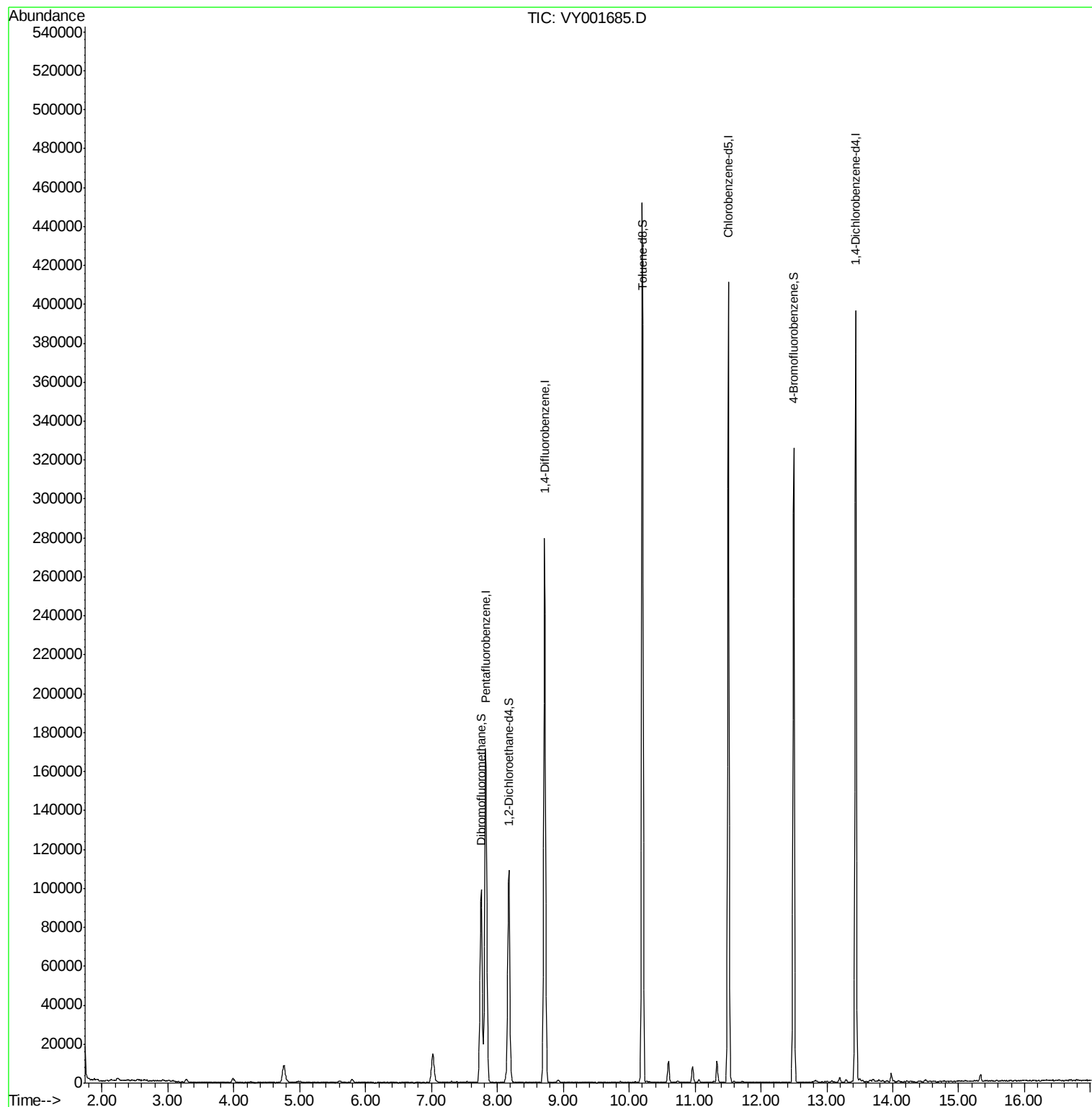
Target Compounds	Qvalue
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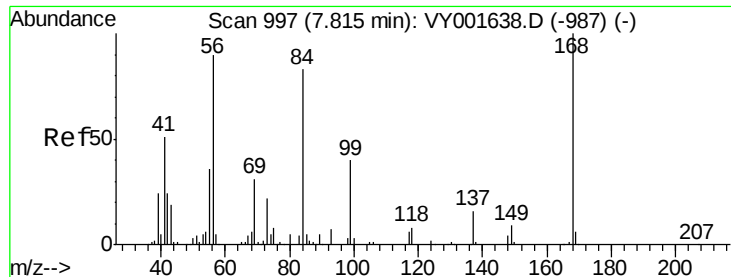
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
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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: VY001685.D

Acq: 18 Feb 2020 20:31

Instrument :

MSVOA_Y

ClientSampleId :

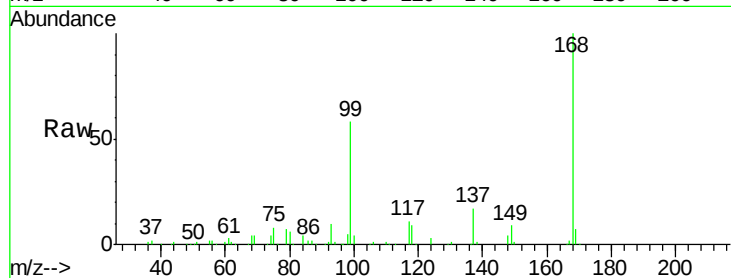
MARCY-GREEN-BH-04-B

Tot Ion:168 Resp: 130501

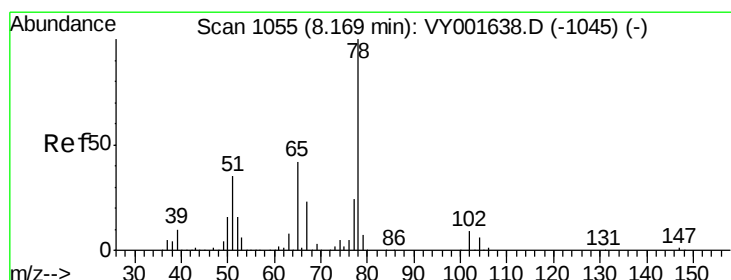
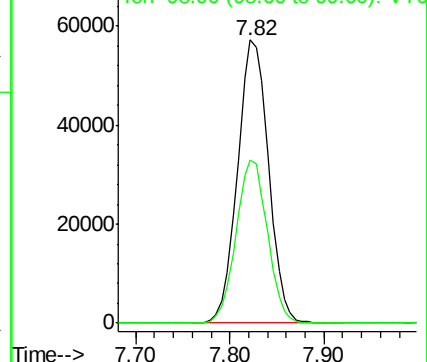
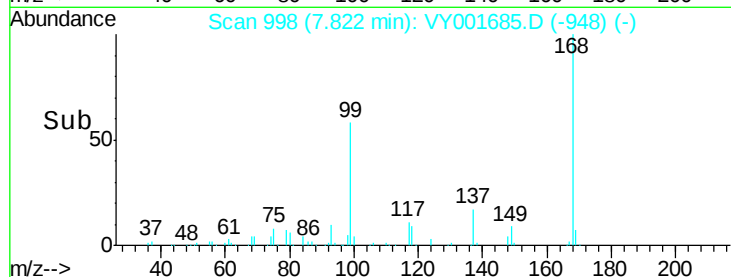
Ion Ratio Lower Upper

168 100

99 57.7 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001685.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 56.817 ug/l

RT: 8.18 min Scan# 1056

Delta R.T. 0.01 min

Lab File: VY001685.D

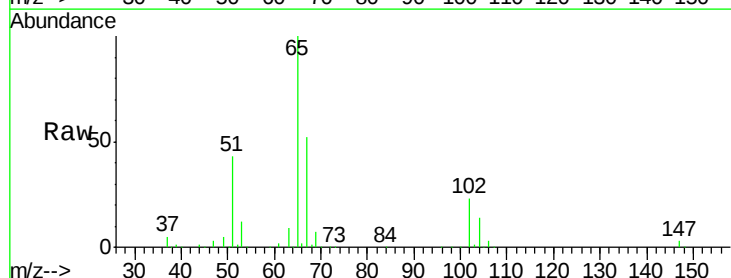
Acq: 18 Feb 2020 20:31

Tgt Ion: 65 Resp: 79755

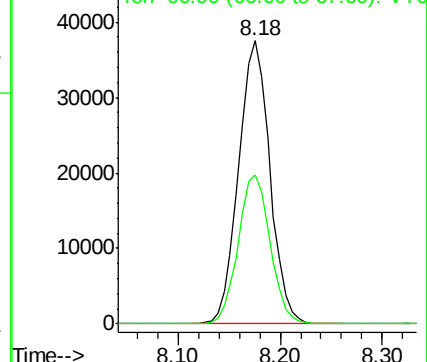
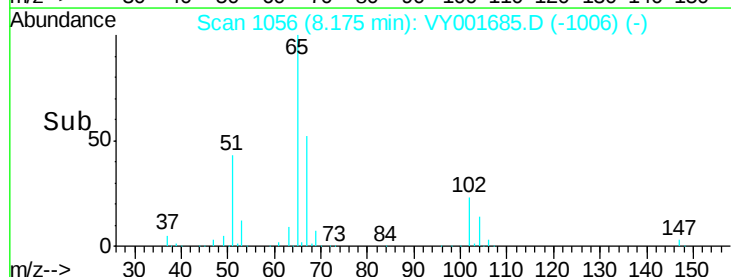
Ion Ratio Lower Upper

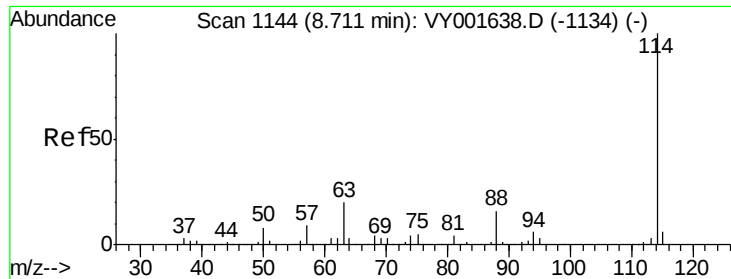
65 100

67 53.6 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001685.D (-1006) (-)

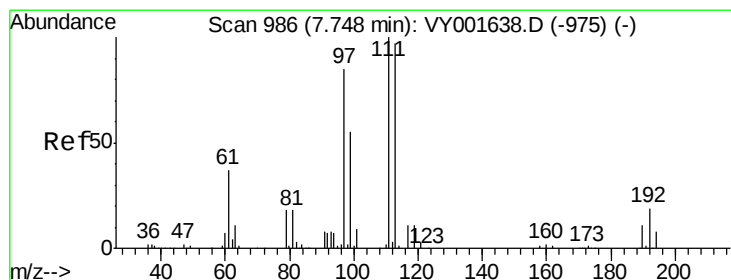
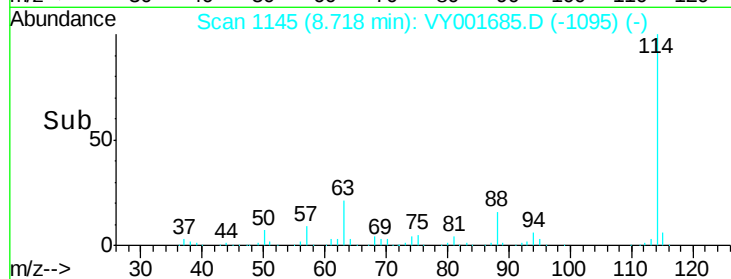
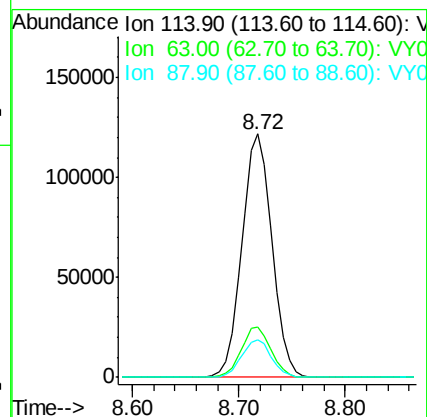
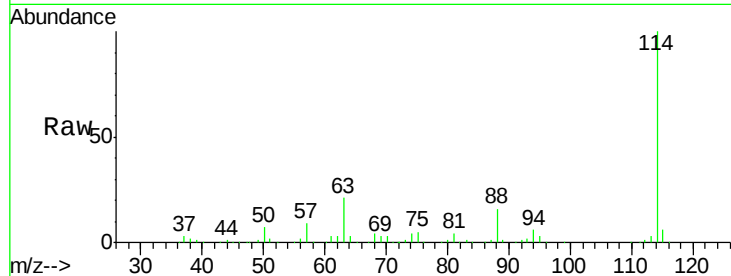




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.72 min Scan# 1145
 Delta R.T. 0.01 min
 Lab File: VY001685.D
 Acq: 18 Feb 2020 20:31

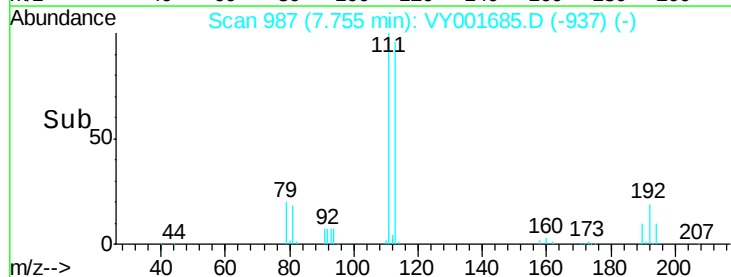
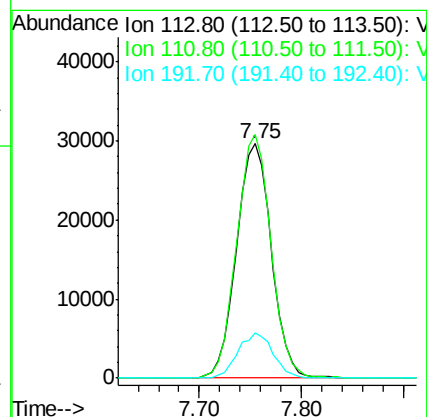
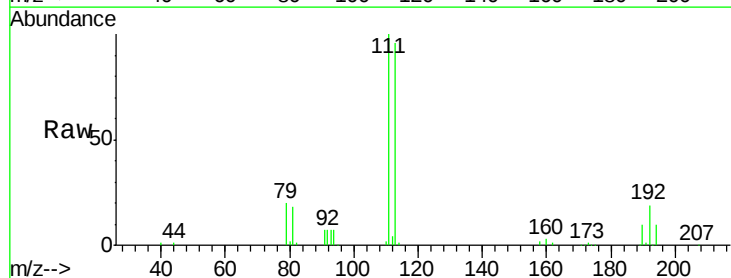
Instrument :
 MSVOA_Y
 ClientSampleId :
 MARCY-GREEN-BH-04-B

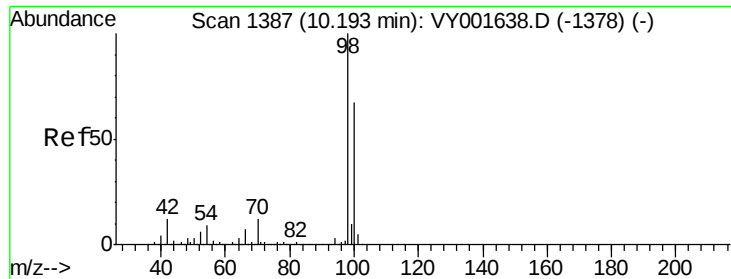
Tot Ion:114 Resp: 240728
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 41.4
 88 15.5 0.0 32.8



#35
 Dibromofluoromethane
 Concen: 50.922 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY001685.D
 Acq: 18 Feb 2020 20:31

Tgt Ion:113 Resp: 70210
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.9 122.9
 192 19.3 14.3 21.5





#50

Toluene-d8

Concen: 53.488 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001685.D

Acq: 18 Feb 2020 20:31

Instrument :

MSVOA_Y

ClientSampleId :

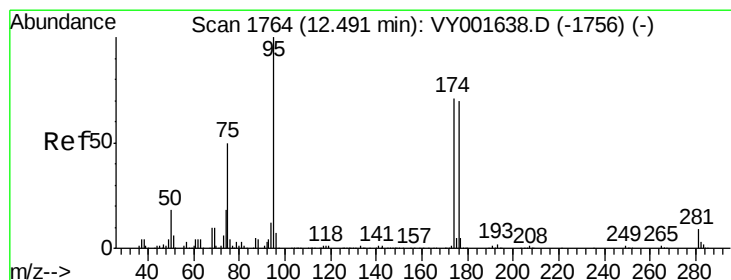
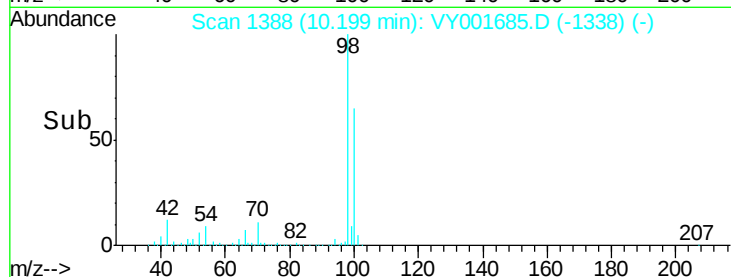
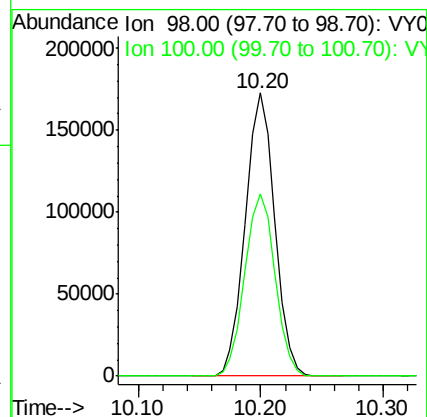
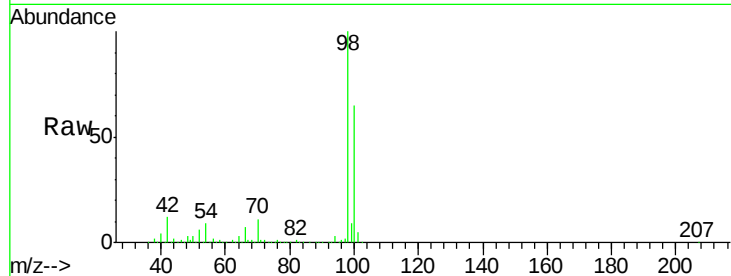
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Tot Ion: 98 Resp: 288925

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 48.001 ug/l

RT: 12.50 min Scan# 1765

Delta R.T. 0.01 min

Lab File: VY001685.D

Acq: 18 Feb 2020 20:31

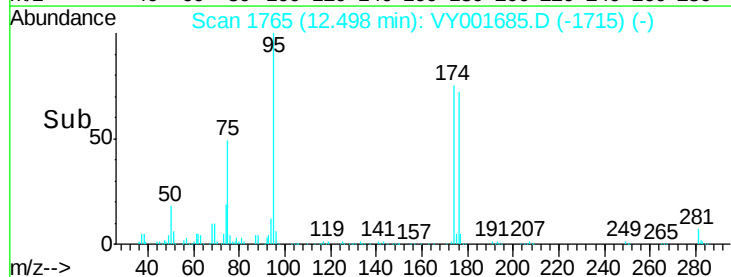
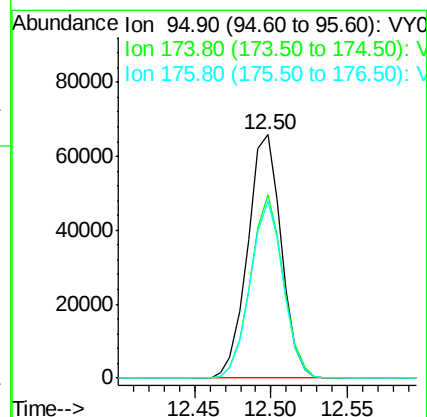
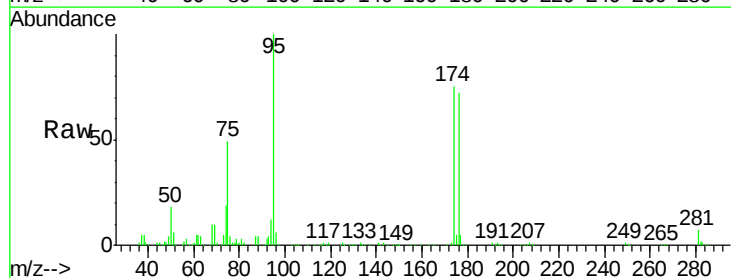
Tgt Ion: 95 Resp: 100729

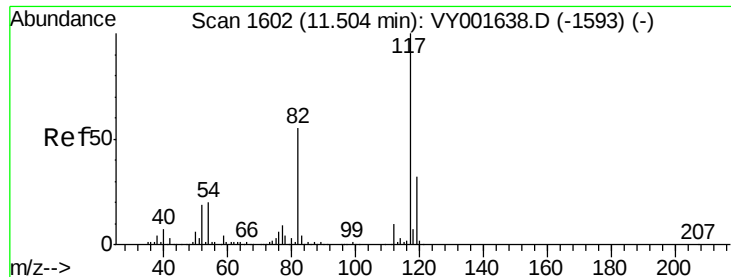
Ion Ratio Lower Upper

95 100

174 73.4 0.0 138.4

176 70.9 0.0 131.8

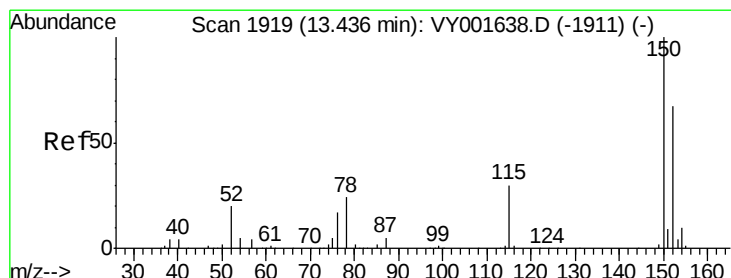
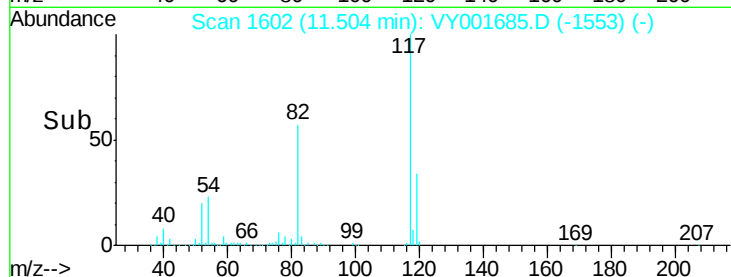
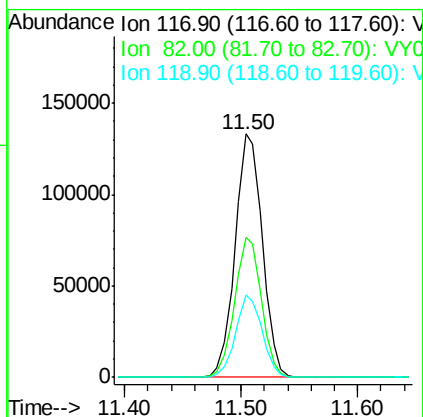
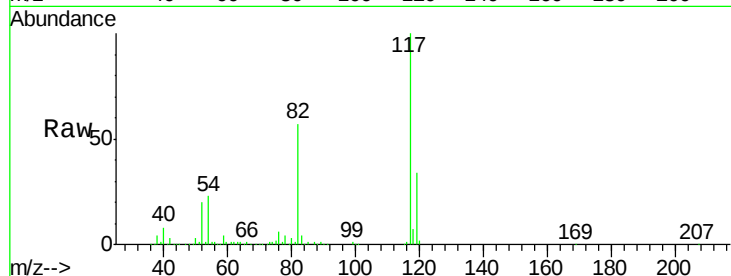




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001685.D
Acq: 18 Feb 2020 20:31

Instrument :
MSVOA_Y
ClientSampleId :
MARCY-GREEN-BH-04-B

Tot Ion:117 Resp: 216619
Ion Ratio Lower Upper
117 100
82 57.3 45.5 68.3
119 33.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1920
Delta R.T. 0.01 min
Lab File: VY001685.D
Acq: 18 Feb 2020 20:31

Tgt Ion:152 Resp: 98866
Ion Ratio Lower Upper
152 100
115 59.2 31.4 94.2
150 156.0 0.0 407.2

