

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
 Data File : VY001681.D
 Acq On : 18 Feb 2020 19:02
 Operator : SY/MD
 Sample : L1547-16
 Misc : 5.39G/5ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Feb 19 07:51:30 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	43558	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	72408	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	58061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	23921	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	21331	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	
35) Dibromofluoromethane	7.75	113	20091	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	10.20	98	85947	52.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.80%	
62) 4-Bromofluorobenzene	12.49	95	24523	38.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.70%	

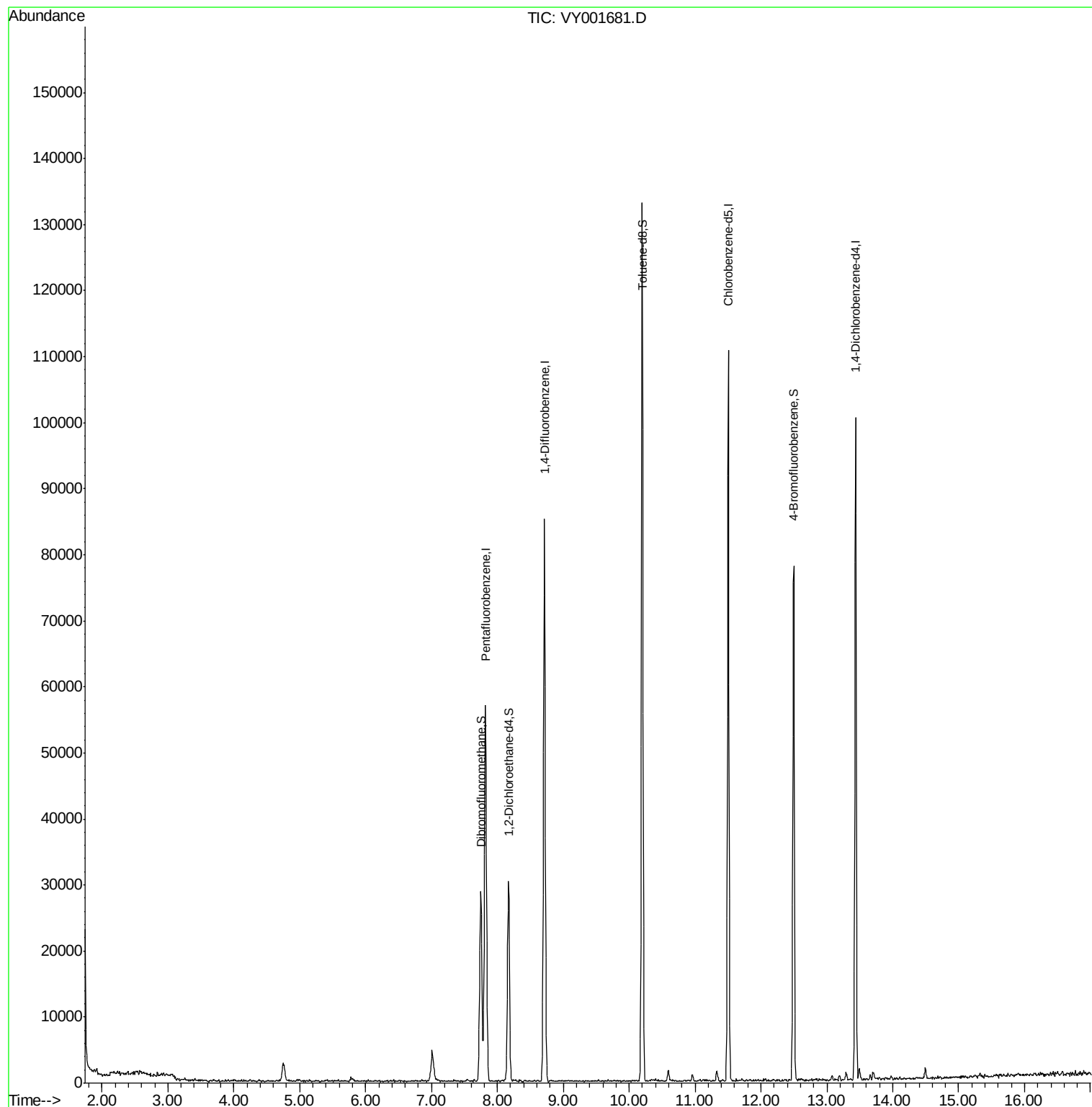
Target Compounds	Qvalue
------------------	--------

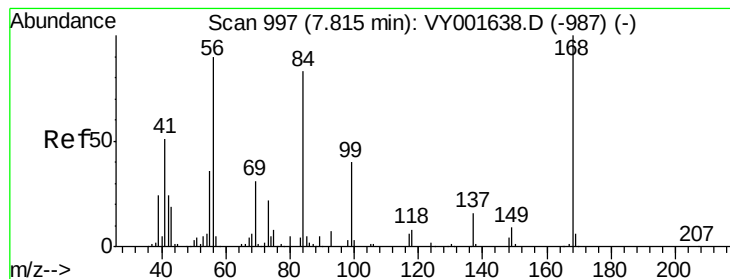
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
Data File : VY001681.D
Acq On : 18 Feb 2020 19:02
Operator : SY/MD
Sample : L1547-16
Misc : 5.39G/5ML/MSVOA Y/SOIL
ALS Vial : 20 Sample Multiplier: 1

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

Quant Time: Feb 19 07:51:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
Quant Title : SW846 8260
QLast Update : Mon Feb 17 12:19:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY001681.D

Acq: 18 Feb 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

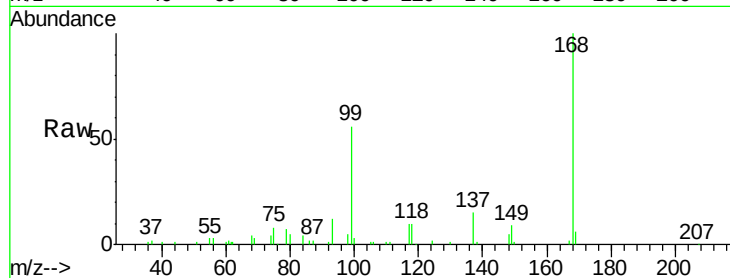
MARCY-GREEN-BH-03-A

Tot Ion:168 Resp: 43558

Ion Ratio Lower Upper

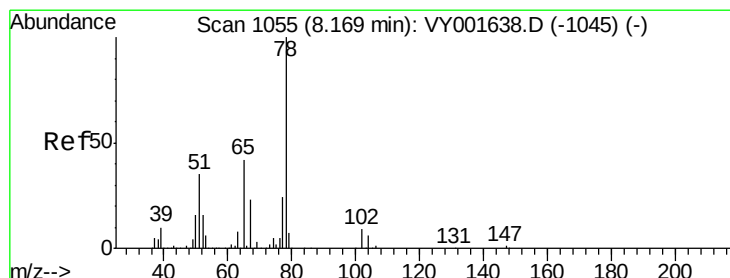
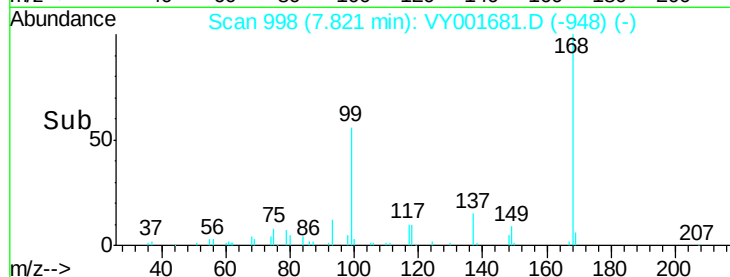
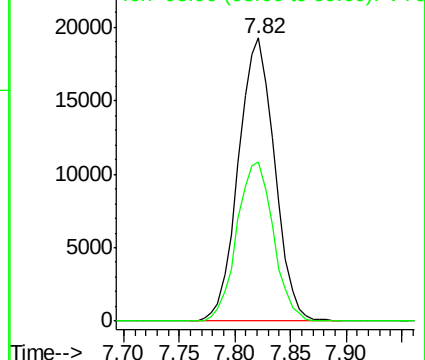
168 100

99 56.3 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001681.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001681.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 45.528 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. -0.00 min

Lab File: VY001681.D

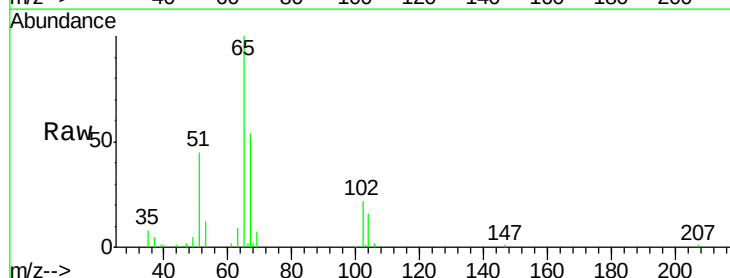
Acq: 18 Feb 2020 19:02

Tgt Ion: 65 Resp: 21331

Ion Ratio Lower Upper

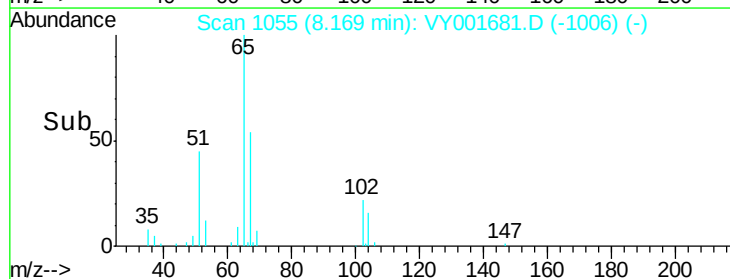
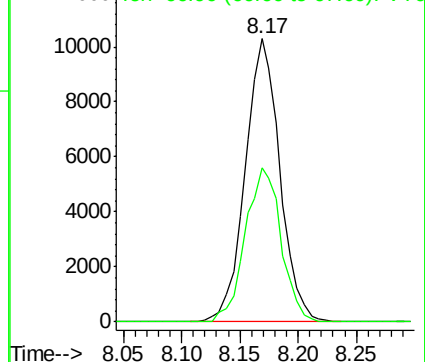
65 100

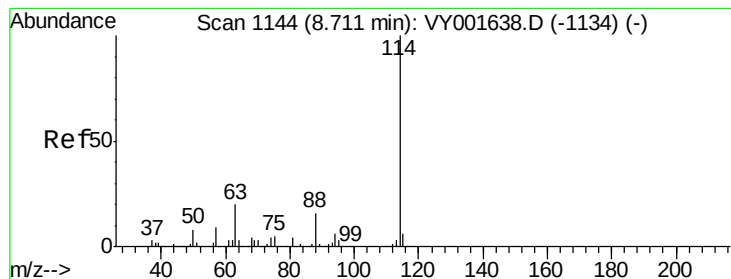
67 56.2 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001681.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001681.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. -0.00 min

Lab File: VY001681.D

Acq: 18 Feb 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

MARCY-GREEN-BH-03-A

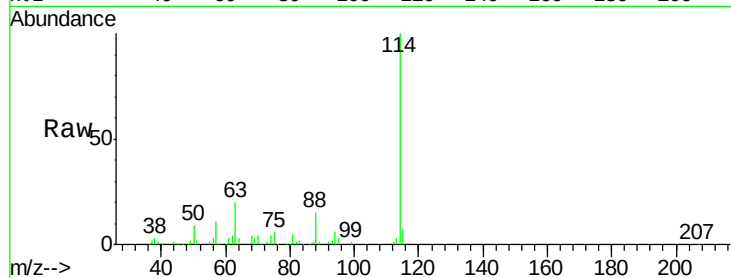
Tot Ion:114 Resp: 72408

Ion Ratio Lower Upper

114 100

63 20.4 0.0 41.4

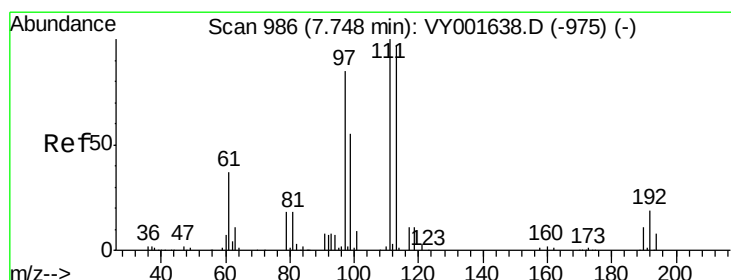
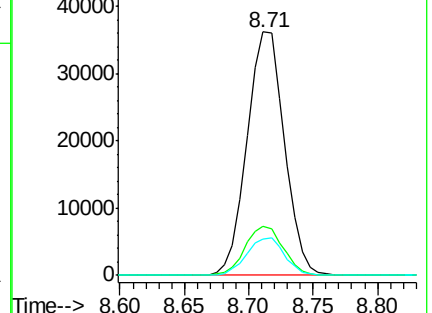
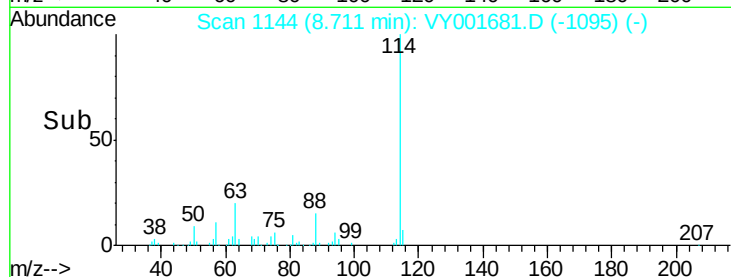
88 15.0 0.0 32.8



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: 48.445 ug/l

RT: 7.75 min Scan# 986

Delta R.T. -0.00 min

Lab File: VY001681.D

Acq: 18 Feb 2020 19:02

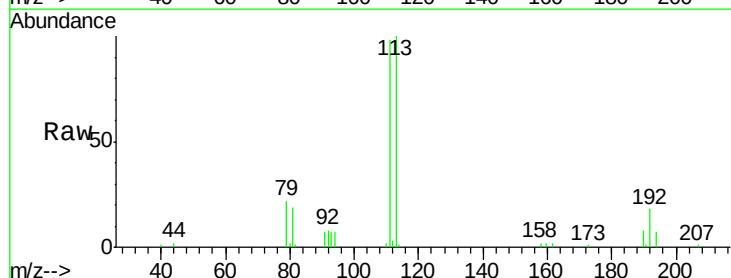
Tgt Ion:113 Resp: 20091

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

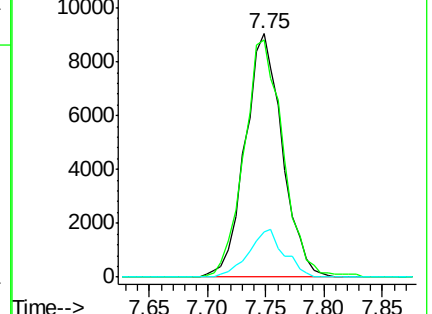
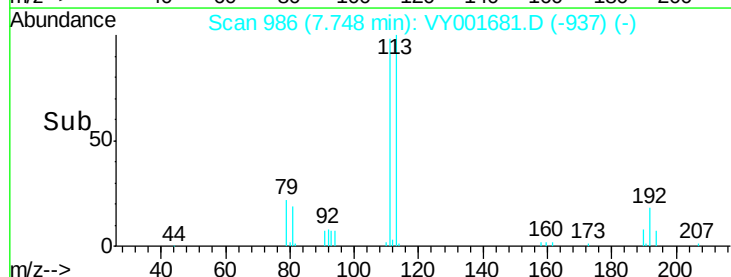
192 18.5 14.3 21.5

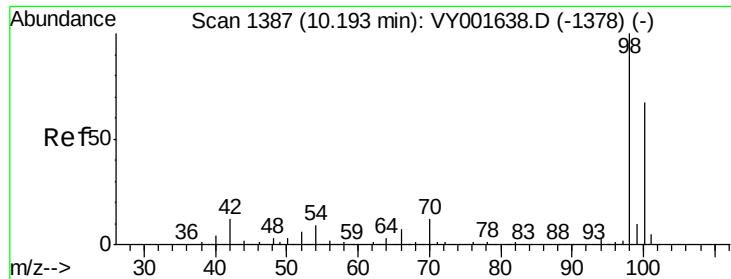


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.899 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001681.D

Acq: 18 Feb 2020 19:02

Instrument :

MSVOA_Y

ClientSampleId :

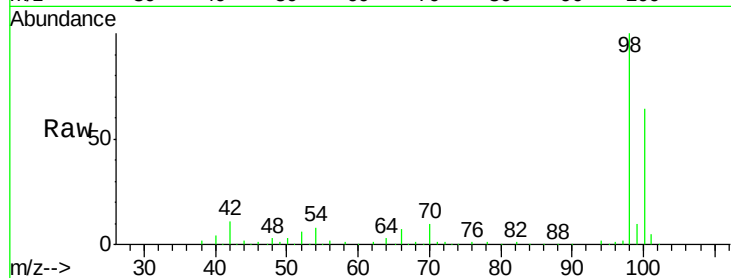
MARCY-GREEN-BH-03-A

Tot Ion: 98 Resp: 85947

Ion Ratio Lower Upper

98 100

100 64.5 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

60000

50000

40000

30000

20000

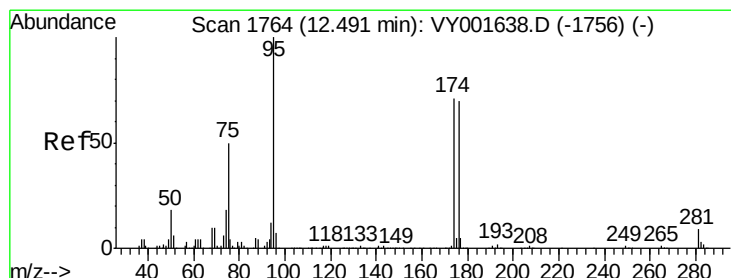
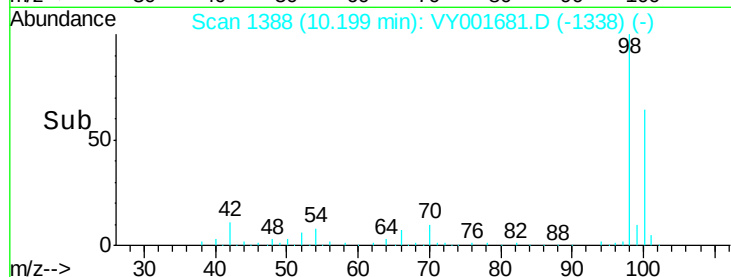
10000

0

Time-->

10.10

10.20



#62

4-Bromofluorobenzene

Concen: 38.851 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. -0.00 min

Lab File: VY001681.D

Acq: 18 Feb 2020 19:02

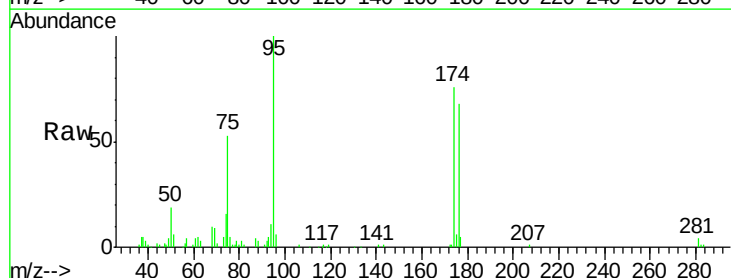
Tgt Ion: 95 Resp: 24523

Ion Ratio Lower Upper

95 100

174 76.8 0.0 138.4

176 75.0 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

20000

15000

10000

5000

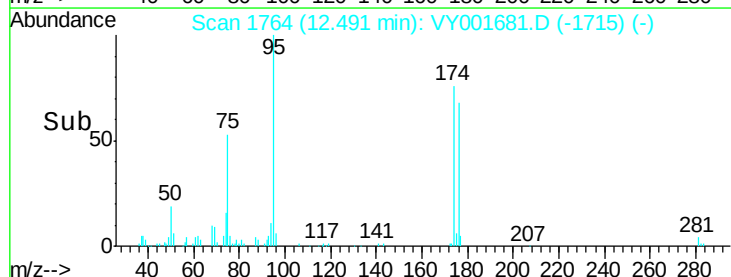
0

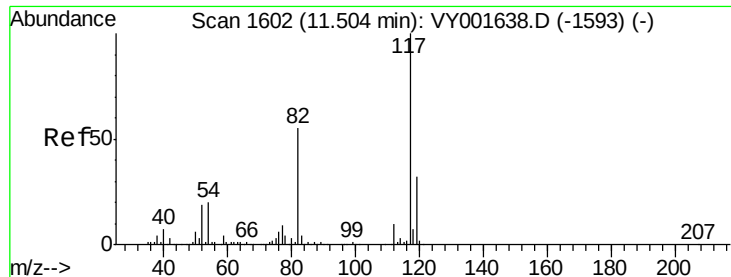
Time-->

12.45

12.49

12.55

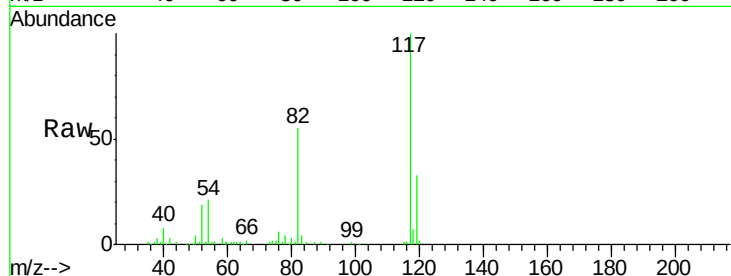




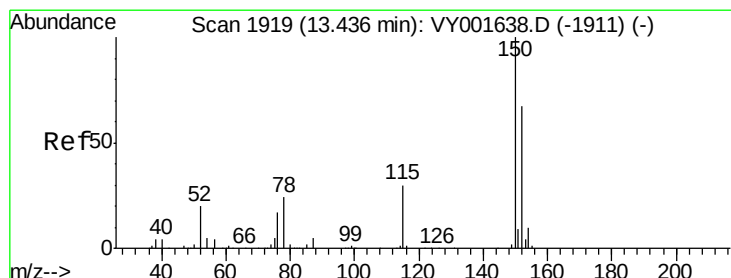
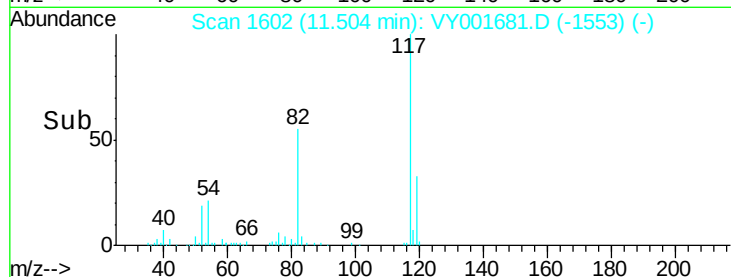
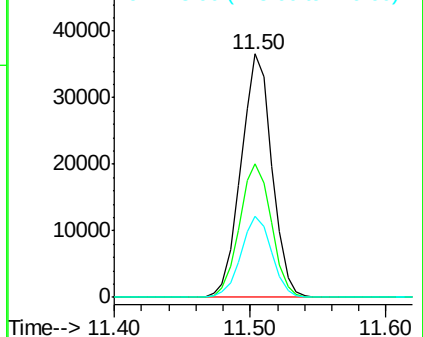
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001681.D
Acq: 18 Feb 2020 19:02

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

Tot Ion:117 Resp: 58061
Ion Ratio Lower Upper
117 100
82 55.1 45.5 68.3
119 33.1 25.8 38.6

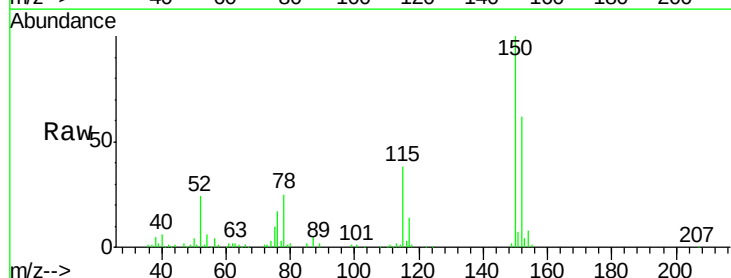


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY001681.D
Acq: 18 Feb 2020 19:02

Tgt Ion:152 Resp: 23921
Ion Ratio Lower Upper
152 100
115 61.6 31.4 94.2
150 159.0 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

