

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041420\
 Data File : VY002303.D
 Acq On : 14 Apr 2020 13:12
 Operator : SY/MD
 Sample : L2196-05
 Misc : 5.08G/5ML/MSVOA Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BP-VPB180-GW-98-100

Quant Time: Apr 15 06:12:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	138907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	279500	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	262941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	117918	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	81113	52.51	ug/l	0.00
Spiked Amount						
			Recovery	=	105.02%	
35) Dibromofluoromethane	7.73	113	82545	49.63	ug/l	0.00
Spiked Amount						
			Recovery	=	99.26%	
50) Toluene-d8	10.18	98	338074	48.57	ug/l	0.00
Spiked Amount						
			Recovery	=	97.14%	
62) 4-Bromofluorobenzene	12.49	95	120077	52.29	ug/l	0.00
Spiked Amount						
			Recovery	=	104.58%	

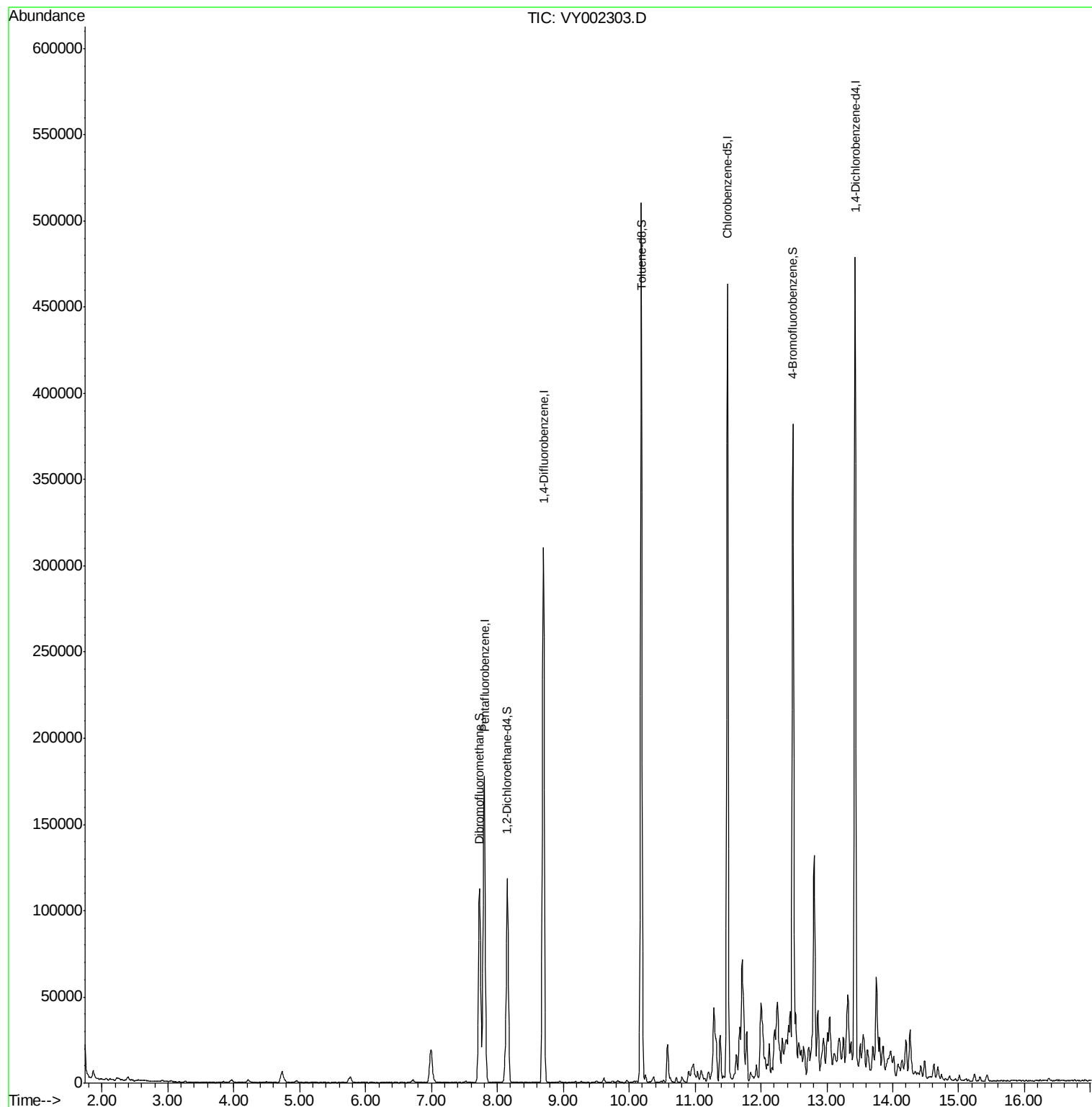
Target Compounds	Qvalue

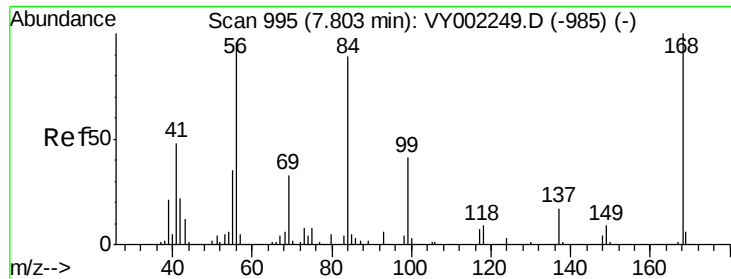
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.00 min

Lab File: VY002303.D

Acq: 14 Apr 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

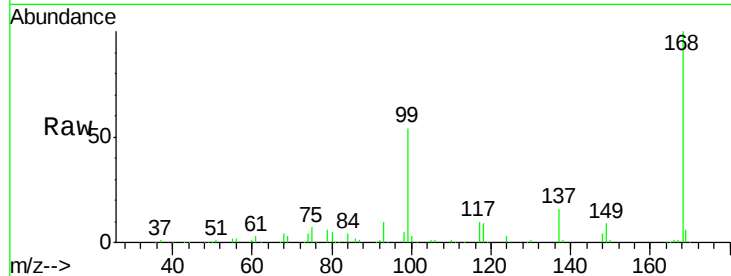
BP-VPB180-GW-98-100

Tot Ion:168 Resp: 138907

Ion Ratio Lower Upper

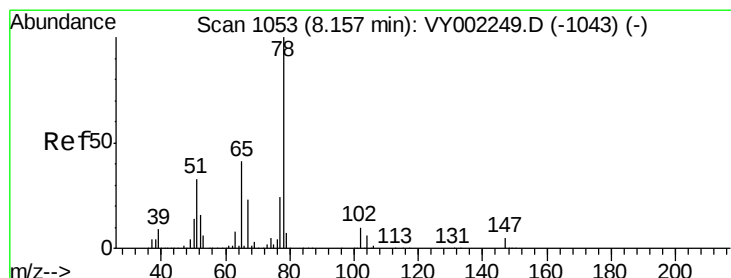
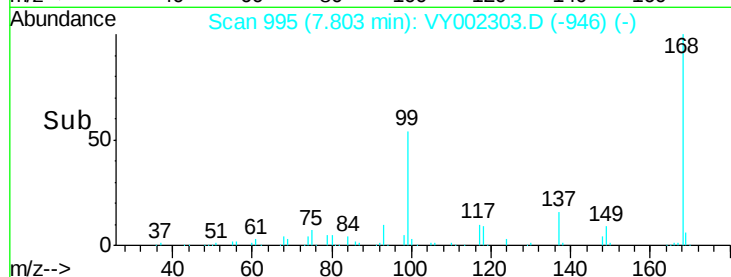
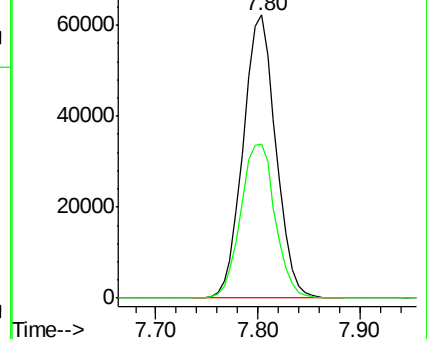
168 100

99 54.2 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VY002249.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002249.D (-985) (-)



#33

1,2-Dichloroethane-d4

Concen: 52.509 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002303.D

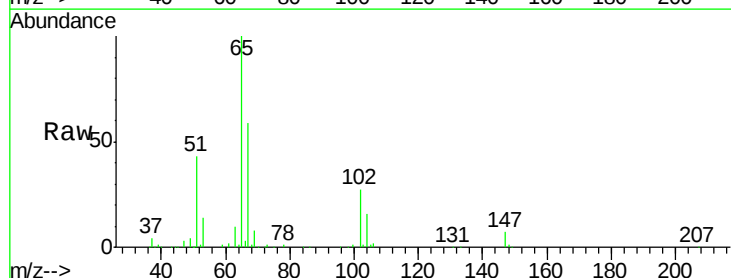
Acq: 14 Apr 2020 13:12

Tgt Ion: 65 Resp: 81113

Ion Ratio Lower Upper

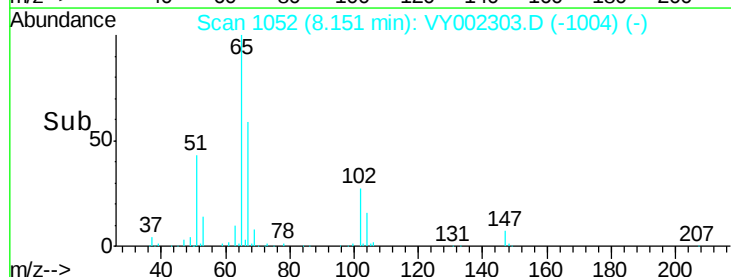
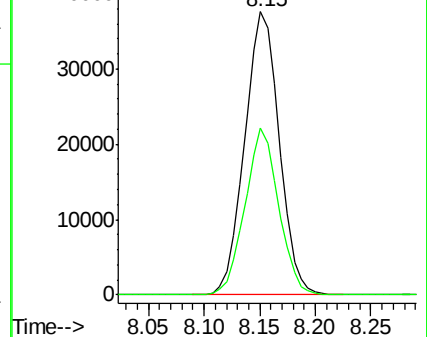
65 100

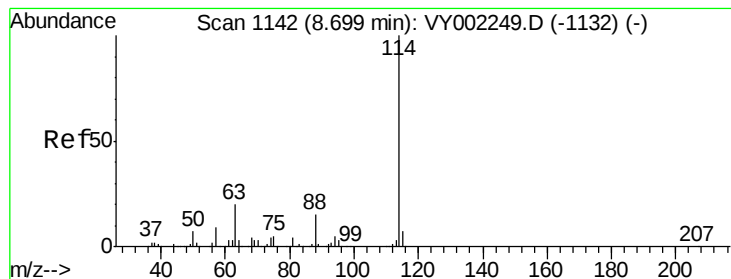
67 57.5 0.0 114.0



Abundance Ion 64.90 (64.60 to 65.60): VY002249.D (-1043) (-)

Ion 66.90 (66.60 to 67.60): VY002249.D (-1043) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VY002303.D

Acq: 14 Apr 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

BP-VPB180-GW-98-100

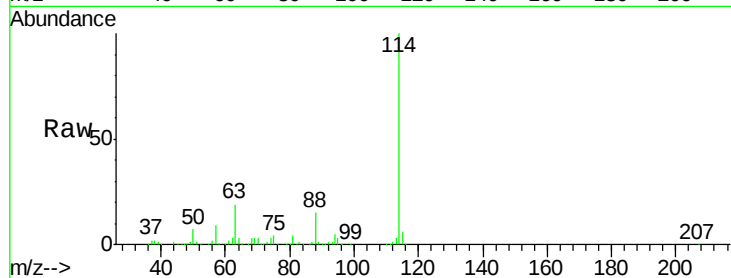
Tot Ion:114 Resp: 279500

Ion Ratio Lower Upper

114 100

63 18.6 0.0 39.0

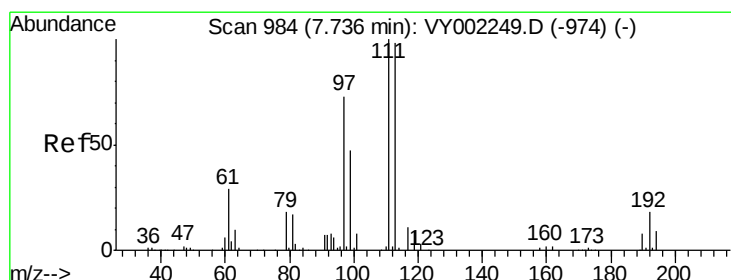
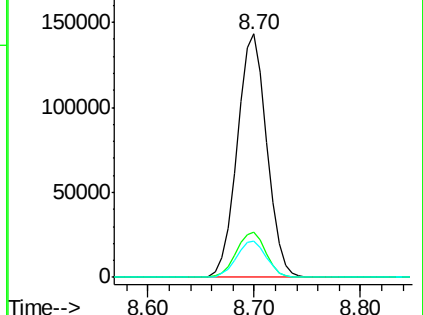
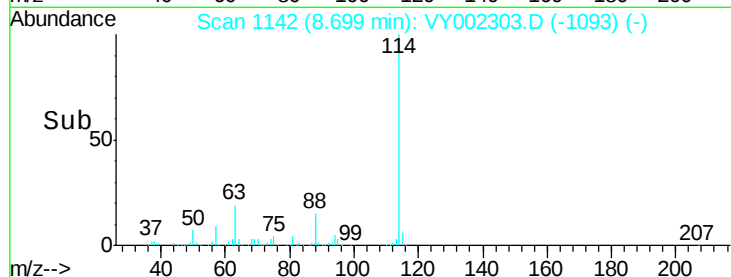
88 14.9 0.0 31.0



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: 49.633 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002303.D

Acq: 14 Apr 2020 13:12

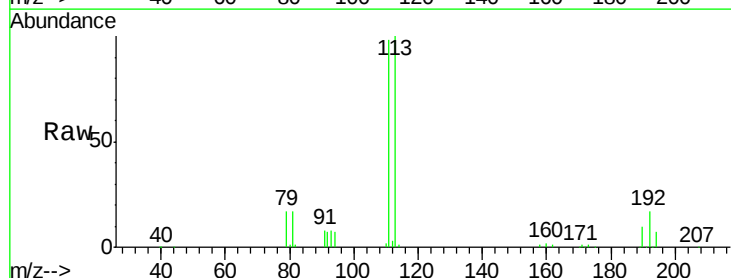
Tgt Ion:113 Resp: 82545

Ion Ratio Lower Upper

113 100

111 103.3 83.5 125.3

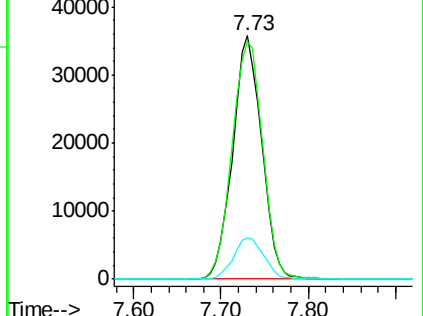
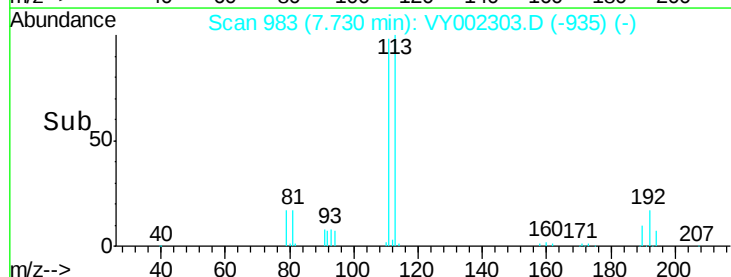
192 17.7 14.7 22.1

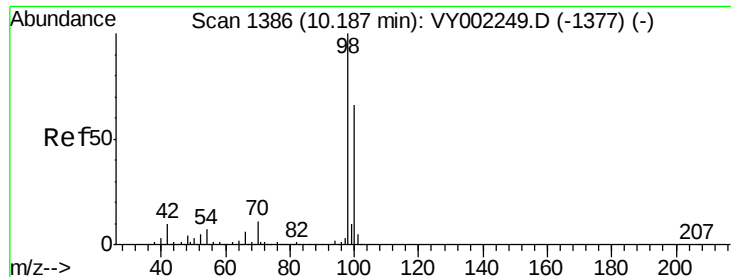


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.566 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002303.D

Acq: 14 Apr 2020 13:12

Instrument :

MSVOA_Y

ClientSampleId :

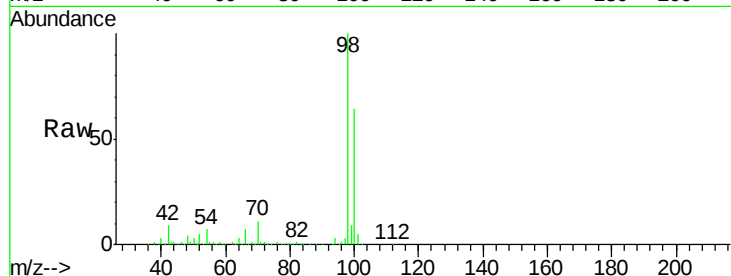
BP-VPB180-GW-98-100

Tot Ion: 98 Resp: 338074

Ion Ratio Lower Upper

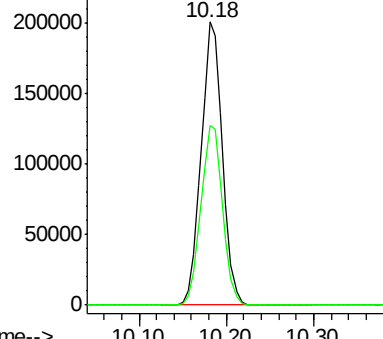
98 100

100 64.8 52.6 78.8

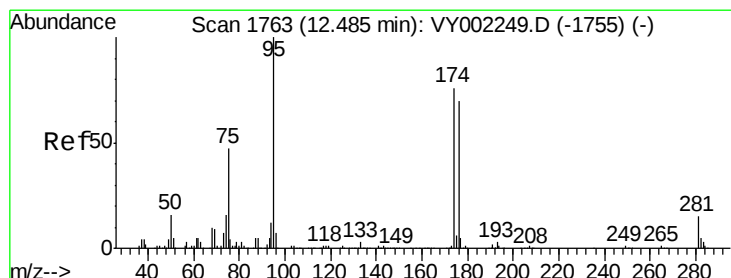
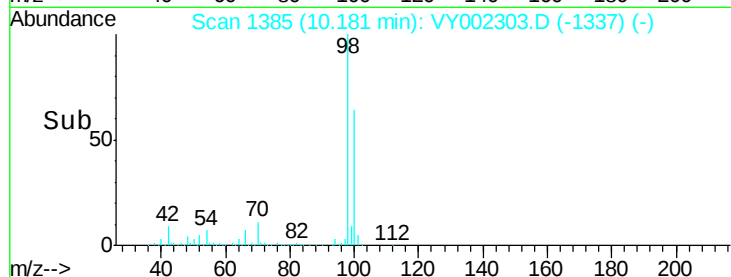


Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY0



Time-->



#62

4-Bromofluorobenzene

Concen: 52.285 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VY002303.D

Acq: 14 Apr 2020 13:12

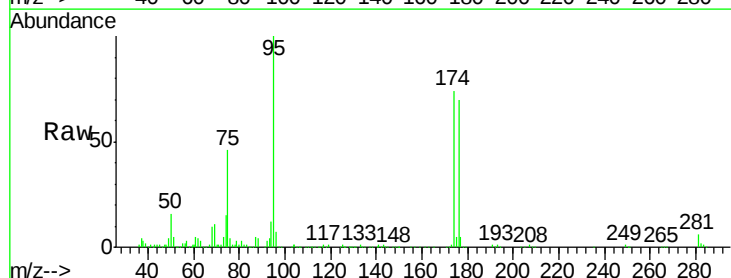
Tgt Ion: 95 Resp: 120077

Ion Ratio Lower Upper

95 100

174 73.9 0.0 150.6

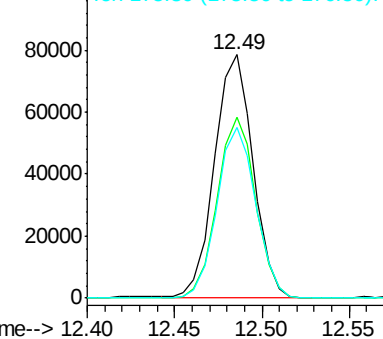
176 70.6 0.0 141.4



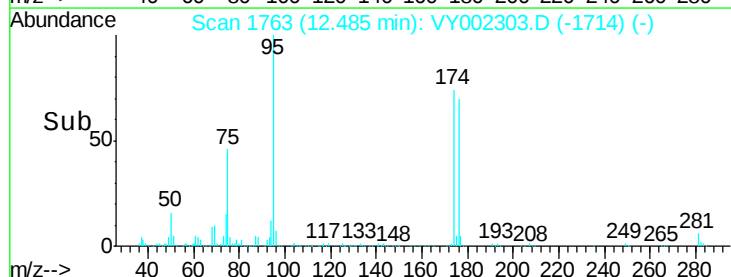
Abundance Ion 94.90 (94.60 to 95.60): VY0

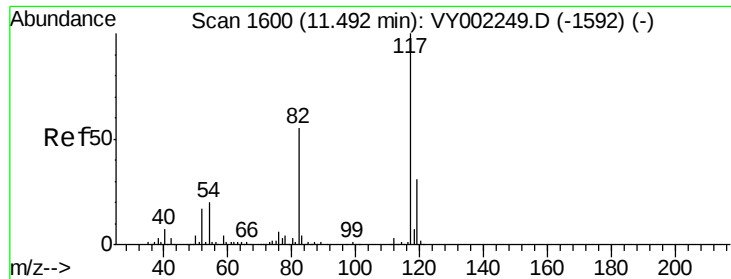
Ion 173.80 (173.50 to 174.50): VY0

Ion 175.80 (175.50 to 176.50): VY0



Time-->

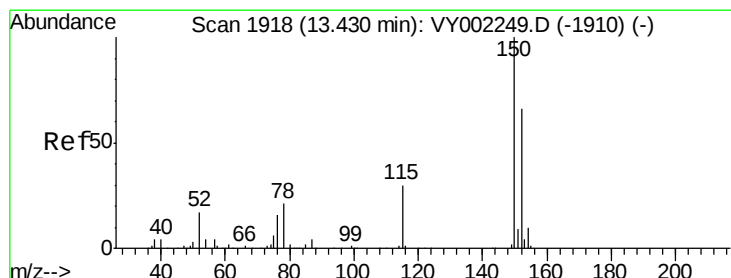
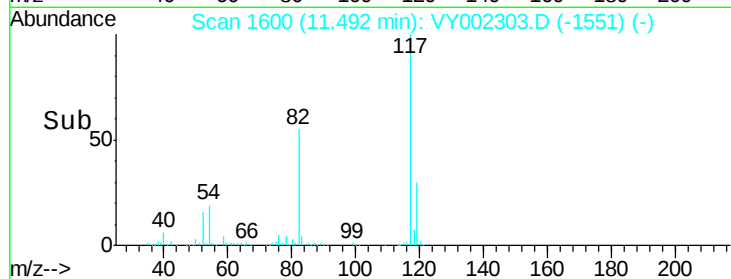
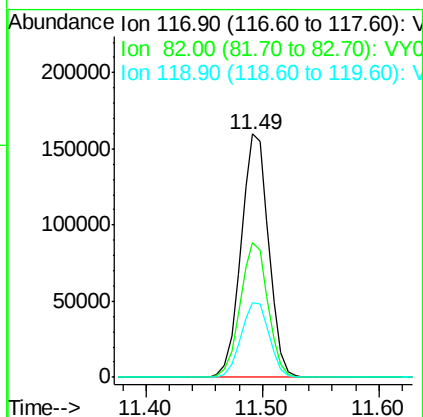
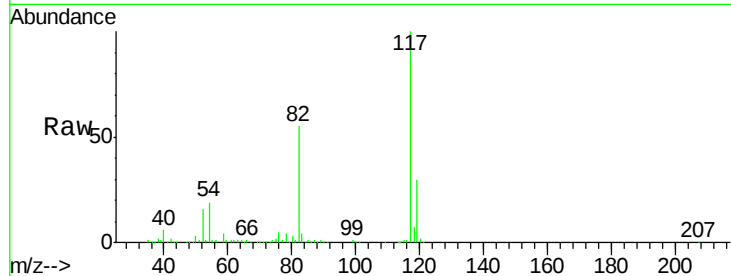




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VY002303.D
Acq: 14 Apr 2020 13:12

Instrument :
MSVOA_Y
ClientSampleId :
BP-VPB180-GW-98-100

Tot Ion:117 Resp: 262941
Ion Ratio Lower Upper
117 100
82 55.4 44.2 66.4
119 30.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002303.D
Acq: 14 Apr 2020 13:12

Tgt Ion:152 Resp: 117918
Ion Ratio Lower Upper
152 100
115 61.2 30.7 92.1
150 157.5 0.0 350.6

