

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002402.D
 Acq On : 17 Apr 2020 16:19
 Operator : SY/MD
 Sample : L2271-09
 Misc : 3.21G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BG-7

Quant Time: Apr 18 07:14:05 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

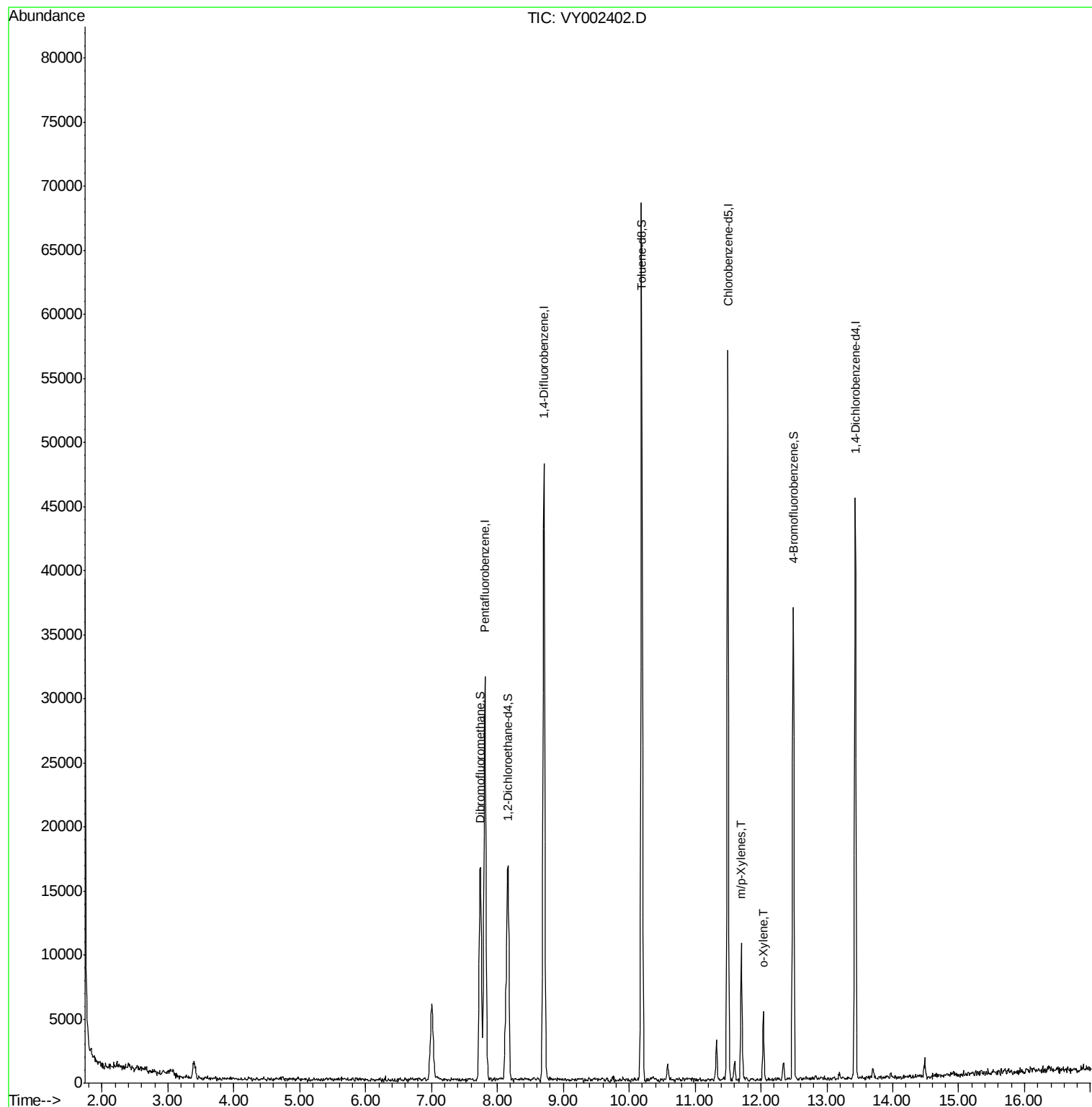
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	24956	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	43984	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	33106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	11277	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	10217	36.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.62%	
35) Dibromofluoromethane	7.74	113	12357	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
50) Toluene-d8	10.19	98	48935	44.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.34%	
62) 4-Bromofluorobenzene	12.49	95	12002	33.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	66.42%	
Target Compounds						
68) m/p-Xylenes	11.70	106	3407	7.220	ug/l	88
69) o-Xylene	12.03	106	1652	3.729	ug/l	97

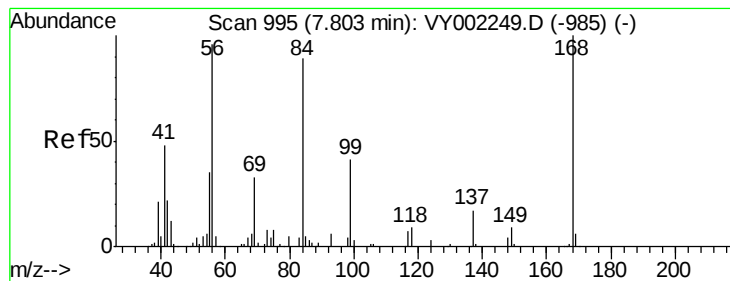
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002402.D

Acq: 17 Apr 2020 16:19

Instrument :

MSVOA_Y

ClientSampled :

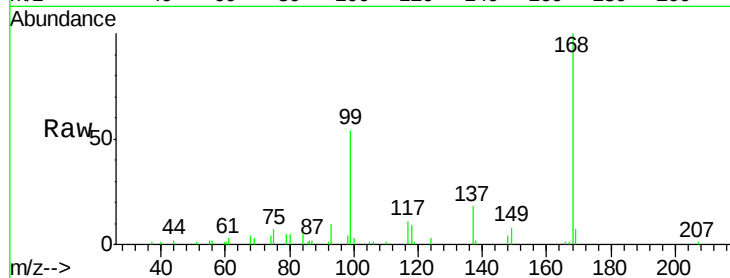
BG-7

Tot Ion:168 Resp: 24956

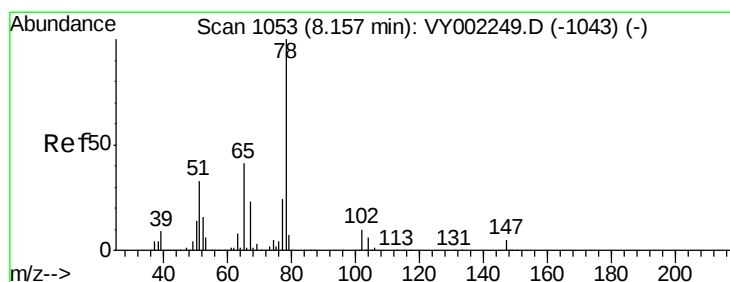
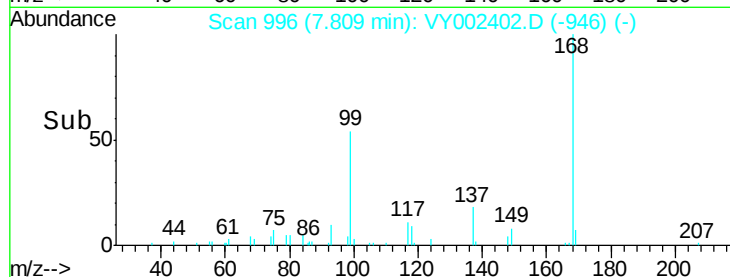
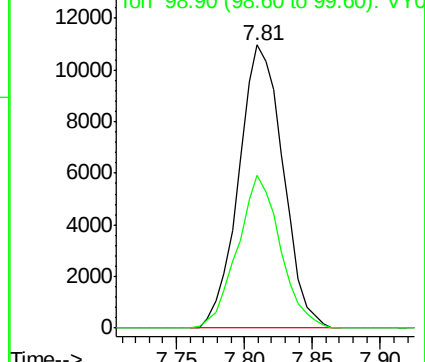
Ion Ratio Lower Upper

168 100

99 54.0 48.0 72.0



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



#33

1,2-Dichloroethane-d4

Concen: 36.814 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002402.D

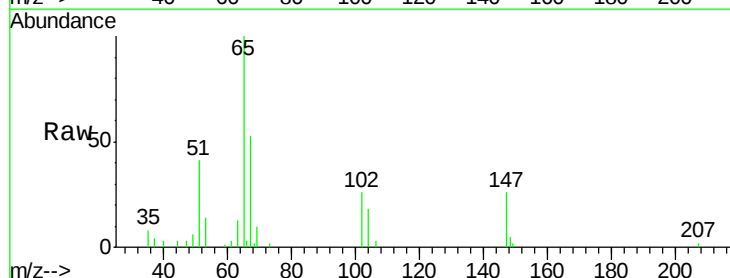
Acq: 17 Apr 2020 16:19

Tgt Ion: 65 Resp: 10217

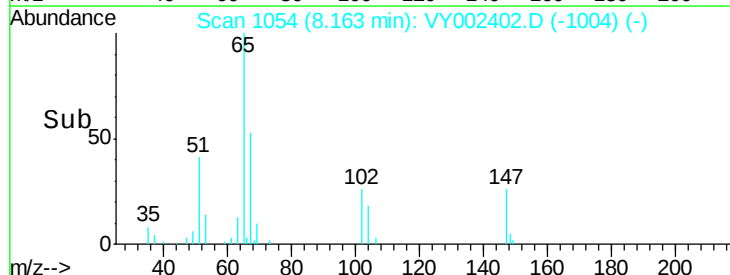
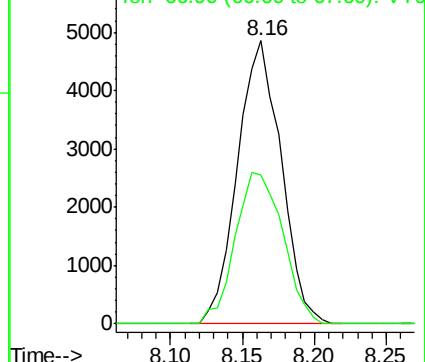
Ion Ratio Lower Upper

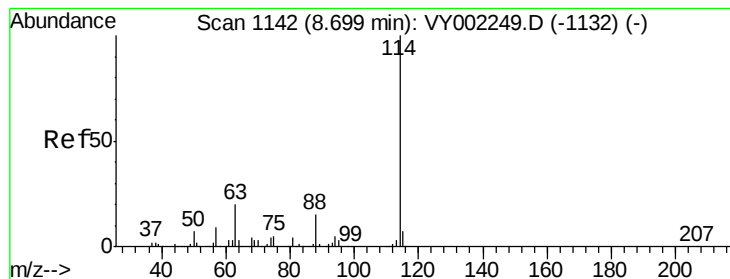
65 100

67 58.4 0.0 114.0



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





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002402.D

Acq: 17 Apr 2020 16:19

Instrument :

MSVOA_Y

ClientSampleId :

BG-7

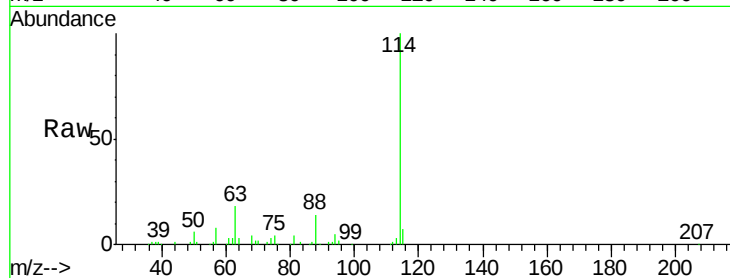
Tot Ion:114 Resp: 43984

Ion Ratio Lower Upper

114 100

63 17.7 0.0 39.0

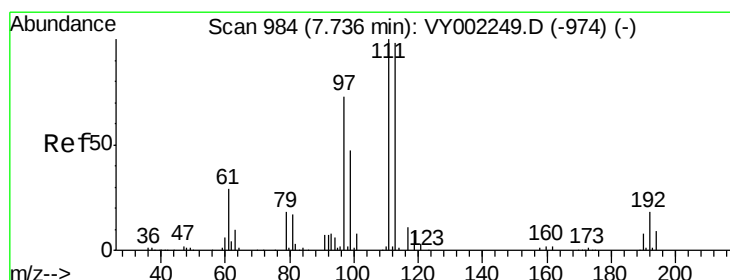
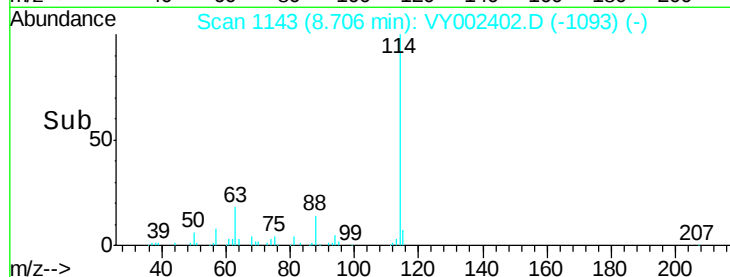
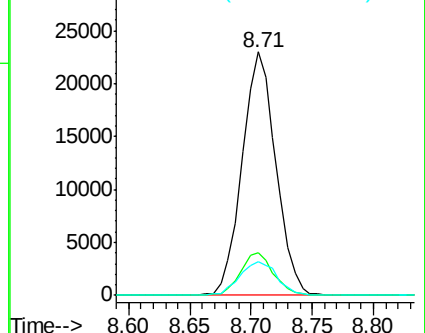
88 14.0 0.0 31.0



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: 47.215 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002402.D

Acq: 17 Apr 2020 16:19

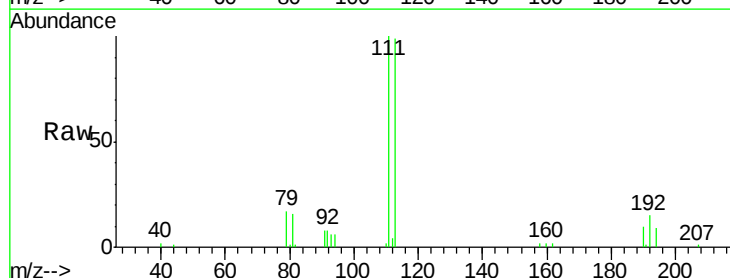
Tgt Ion:113 Resp: 12357

Ion Ratio Lower Upper

113 100

111 102.1 83.5 125.3

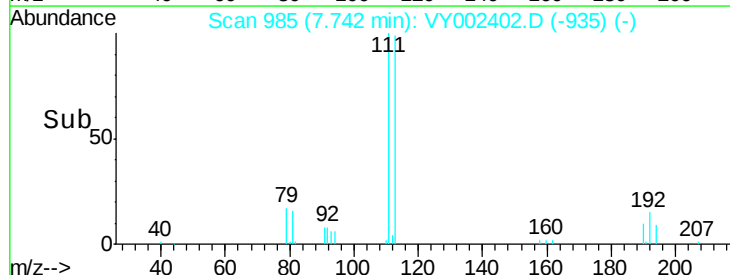
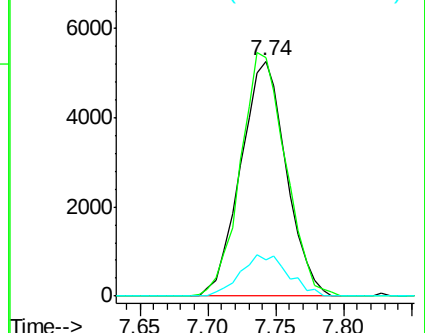
192 18.5 14.7 22.1

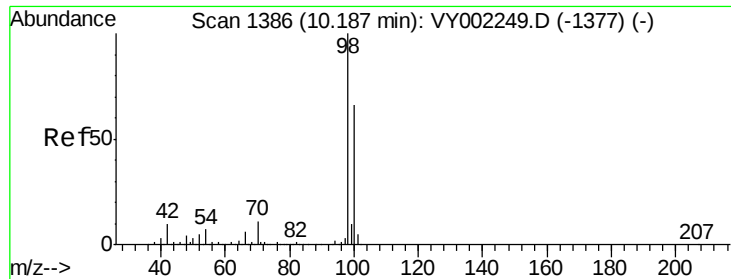


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 44.671 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002402.D

Acq: 17 Apr 2020 16:19

Instrument :

MSVOA_Y

ClientSampleId :

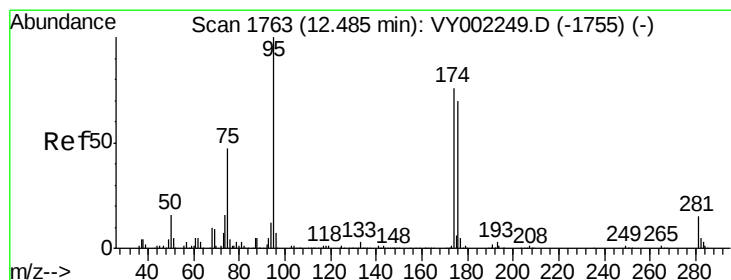
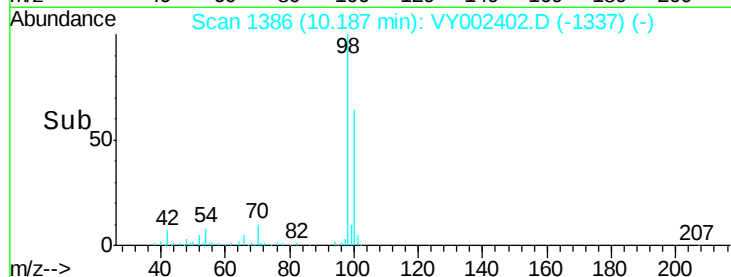
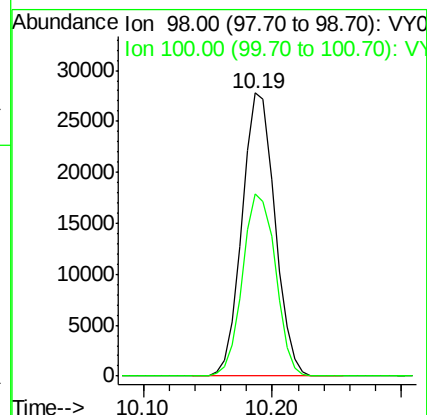
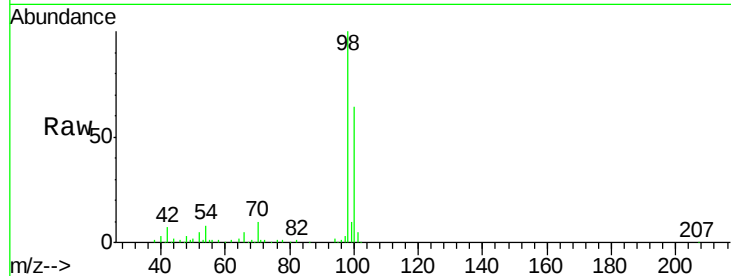
BG-7

Tot Ion: 98 Resp: 48935

Ion Ratio Lower Upper

98 100

100 64.5 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 33.209 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002402.D

Acq: 17 Apr 2020 16:19

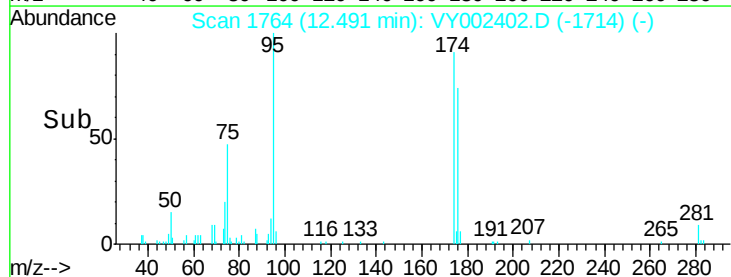
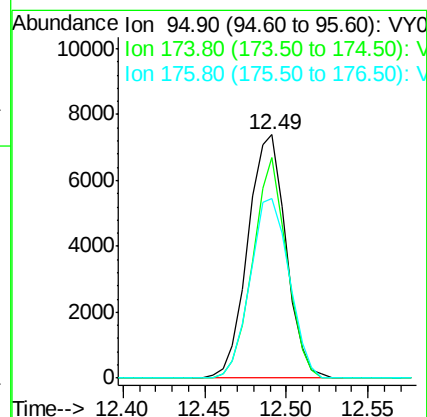
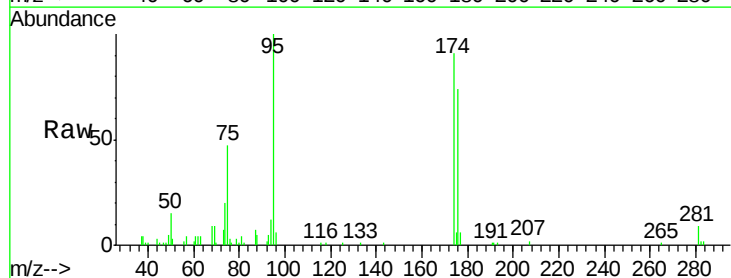
Tgt Ion: 95 Resp: 12002

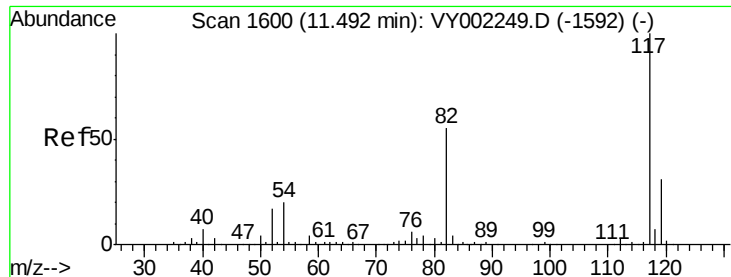
Ion Ratio Lower Upper

95 100

174 80.8 0.0 150.6

176 76.0 0.0 141.4

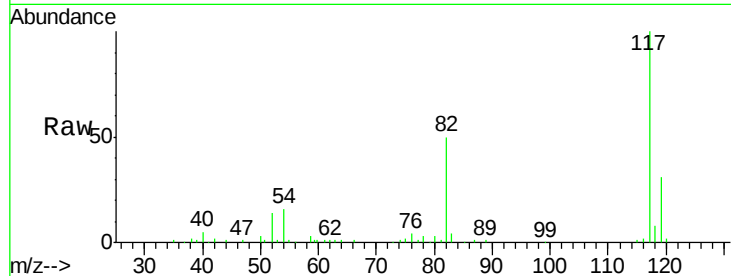




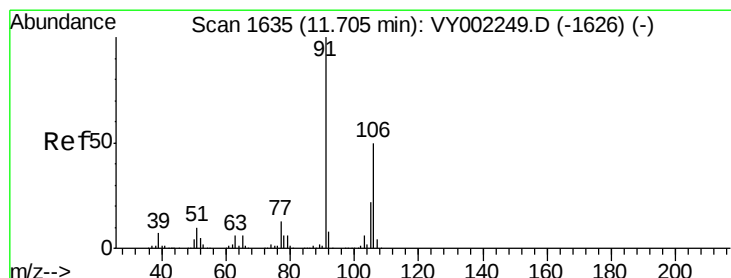
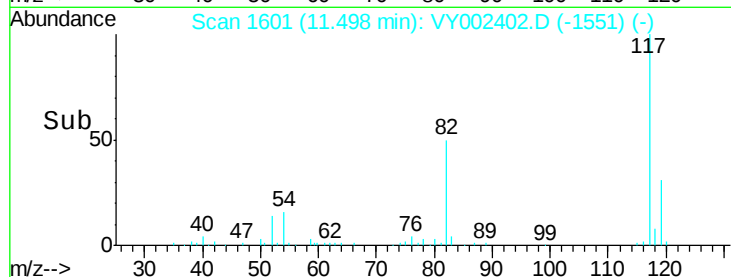
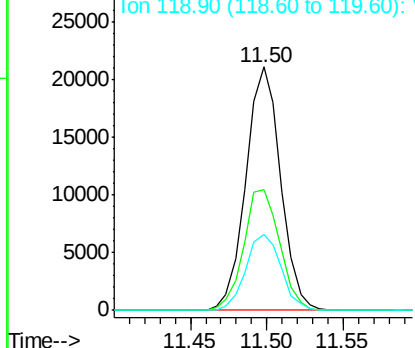
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002402.D
Acq: 17 Apr 2020 16:19

Instrument :
MSVOA_Y
ClientSampled :
BG-7

Tot Ion:117 Resp: 33106
Ion Ratio Lower Upper
117 100
82 49.7 44.2 66.4
119 31.0 25.1 37.7

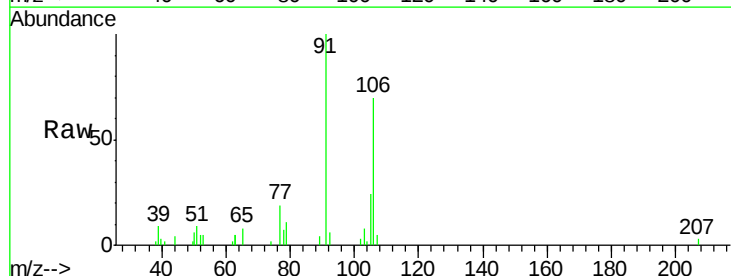


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V

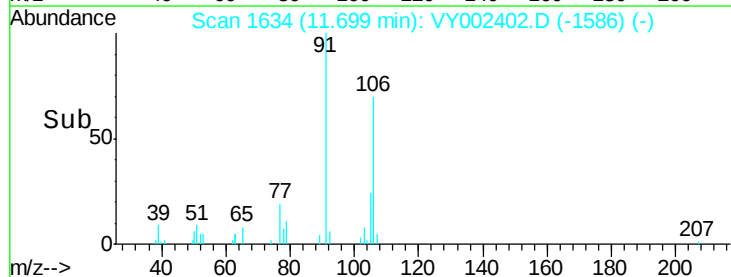
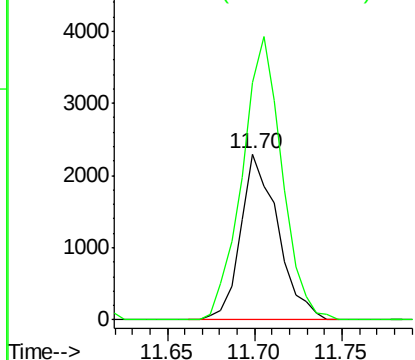


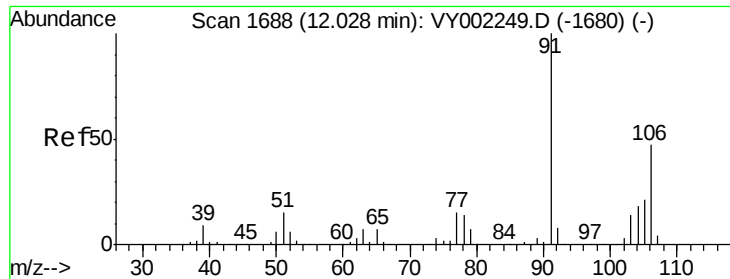
#68
m/p-Xylenes
Concen: 7.220 ug/l
RT: 11.70 min Scan# 1634
Delta R.T. -0.01 min
Lab File: VY002402.D
Acq: 17 Apr 2020 16:19

Tgt Ion:106 Resp: 3407
Ion Ratio Lower Upper
106 100
91 181.5 159.8 239.6



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VY0

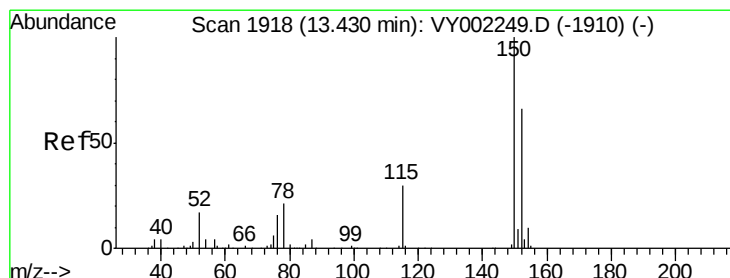
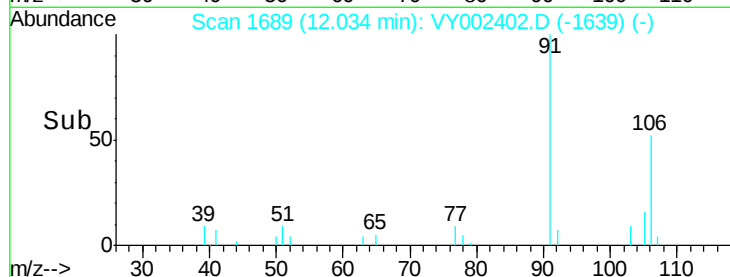
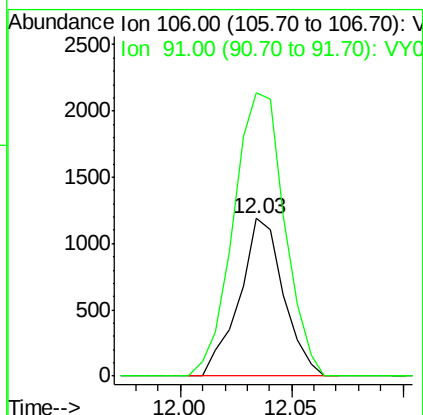
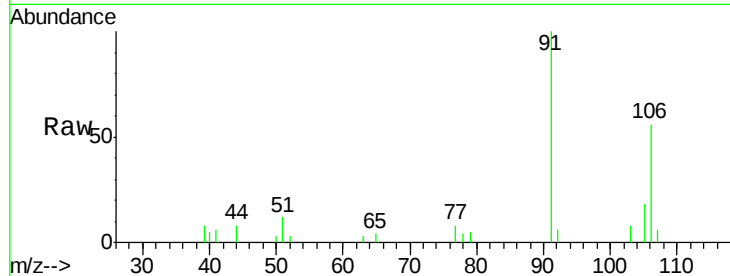




#69
o-Xylene
Concen: 3.729 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002402.D
Acq: 17 Apr 2020 16:19

Instrument :
MSVOA_Y
ClientSampled :
BG-7

Tot Ion:106 Resp: 1652
Ion Ratio Lower Upper
106 100
91 206.7 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.43 min Scan# 1918
Delta R.T. 0.00 min
Lab File: VY002402.D
Acq: 17 Apr 2020 16:19

Tgt Ion:152 Resp: 11277
Ion Ratio Lower Upper
152 100
115 63.6 30.7 92.1
150 159.5 0.0 350.6

