

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002401.D
 Acq On : 17 Apr 2020 15:57
 Operator : SY/MD
 Sample : L2271-08
 Misc : 3.53G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP-2020-04-13

Quant Time: Apr 18 07:11:42 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

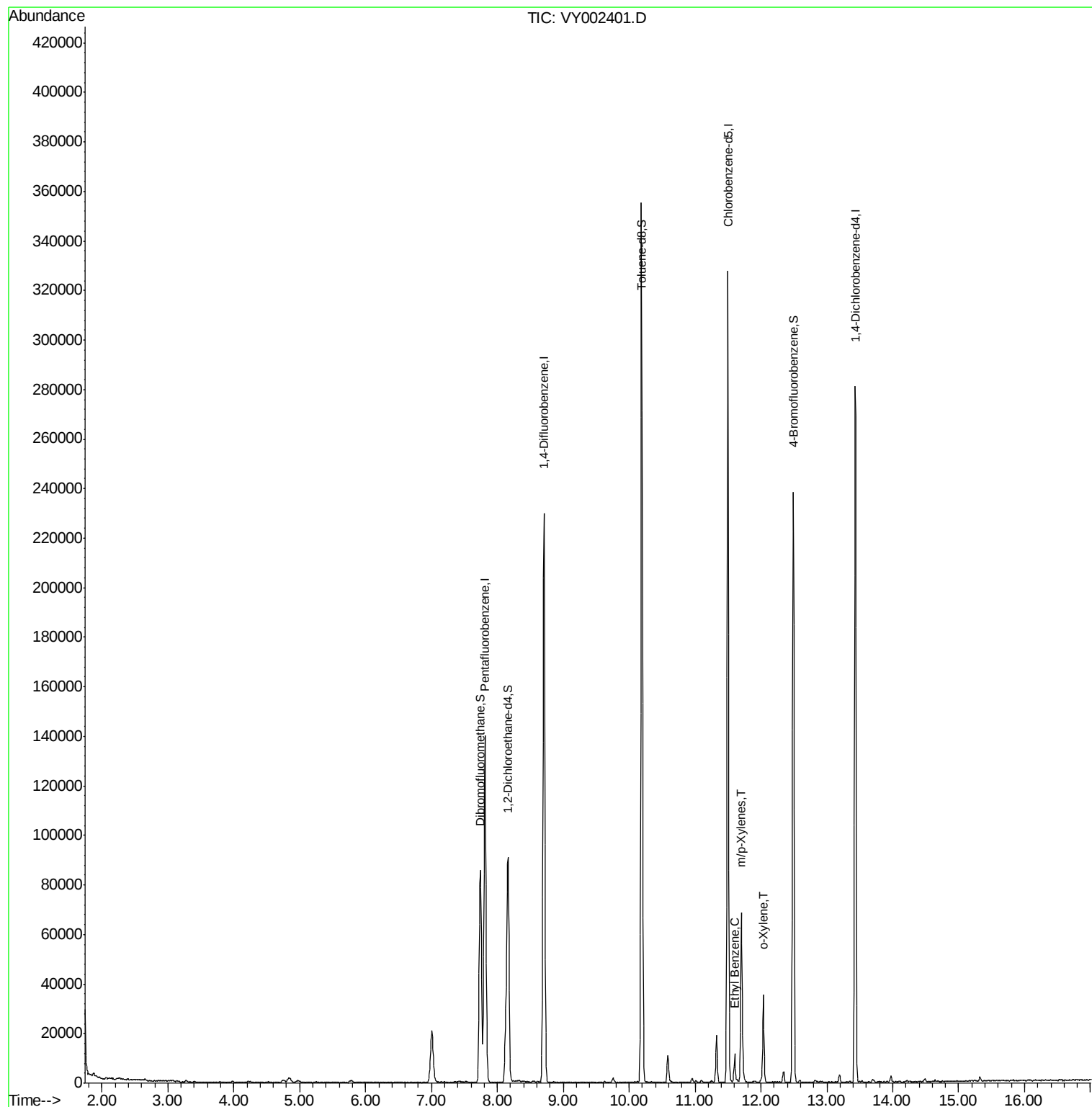
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	108454	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.71	114	212996	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	188083	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	74786	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	56725	47.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.06%	
35) Dibromofluoromethane	7.74	113	62999	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
50) Toluene-d8	10.19	98	250290	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
62) 4-Bromofluorobenzene	12.49	95	77398	44.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.44%	
Target Compounds						
67) Ethyl Benzene	11.60	91	8454	1.181	ug/l	92
68) m/p-Xylenes	11.70	106	19866	7.411	ug/l	94
69) o-Xylene	12.03	106	9481	3.767	ug/l	94

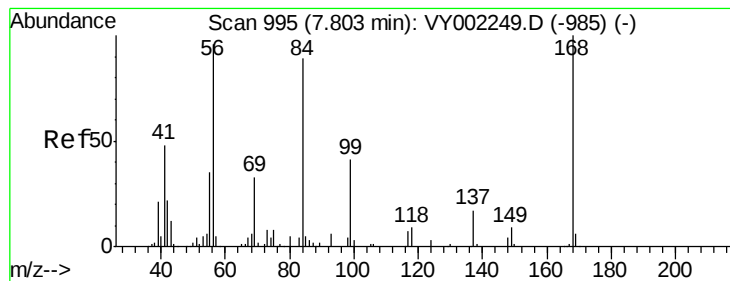
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.01 min

Lab File: VY002401.D

Acq: 17 Apr 2020 15:57

Instrument :

MSVOA_Y

ClientSampleId :

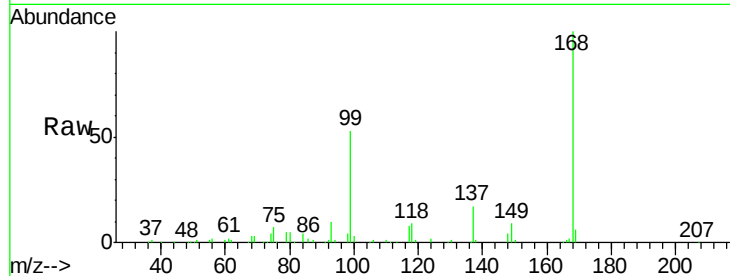
DUP-2020-04-13

Tot Ion:168 Resp: 108454

Ion Ratio Lower Upper

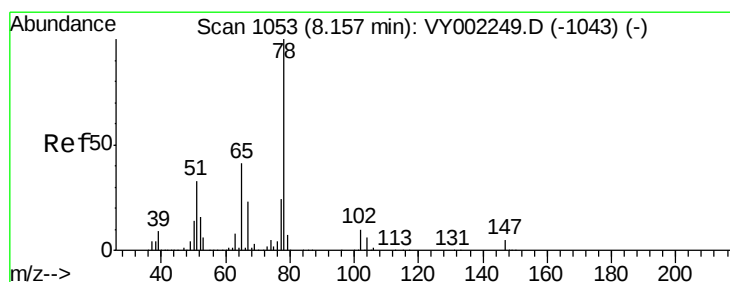
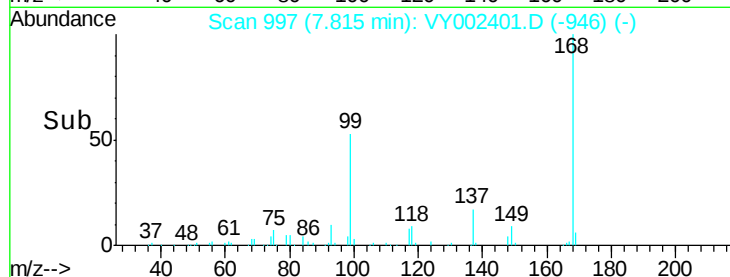
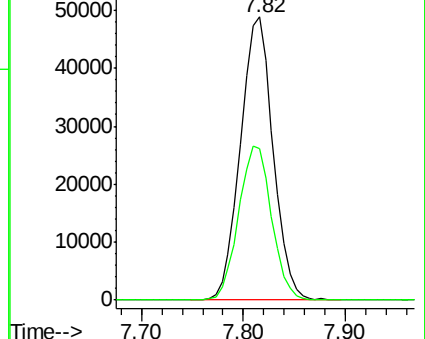
168 100

99 53.3 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: 47.032 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. 0.01 min

Lab File: VY002401.D

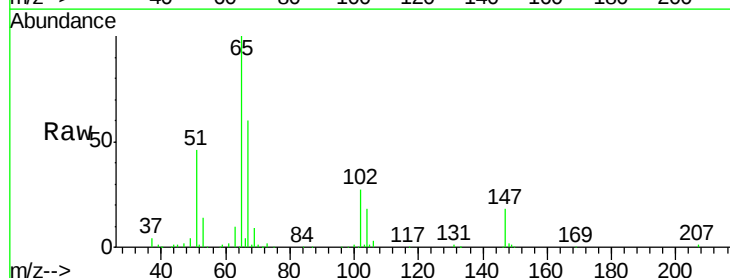
Acq: 17 Apr 2020 15:57

Tgt Ion: 65 Resp: 56725

Ion Ratio Lower Upper

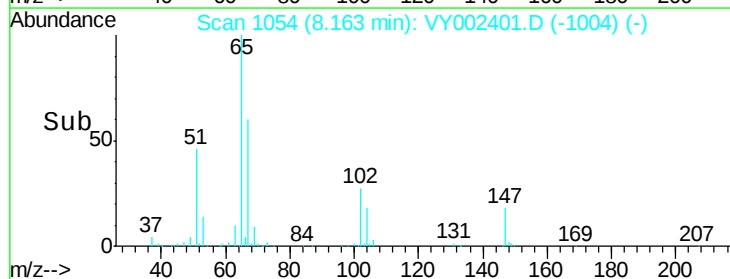
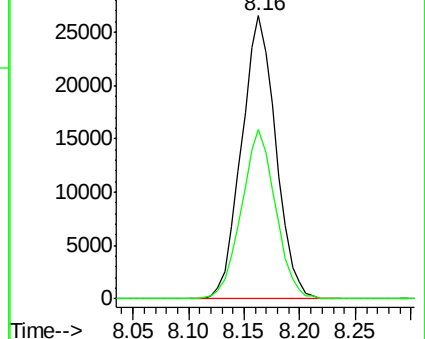
65 100

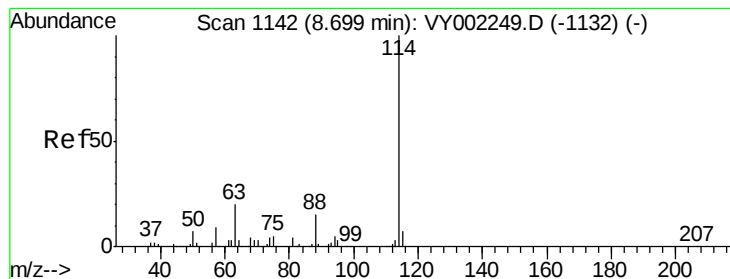
67 59.6 0.0 114.0



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: 8.71 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VY002401.D

Acq: 17 Apr 2020 15:57

Instrument :

MSVOA_Y

ClientSampleId :

DUP-2020-04-13

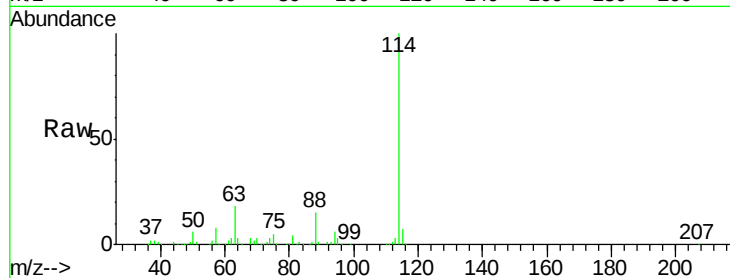
Tot Ion:114 Resp: 212996

Ion Ratio Lower Upper

114 100

63 17.8 0.0 39.0

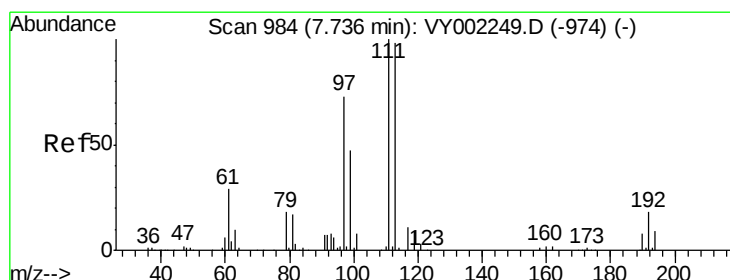
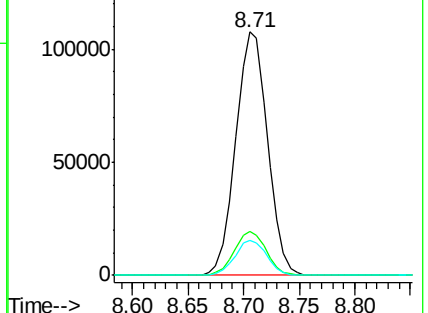
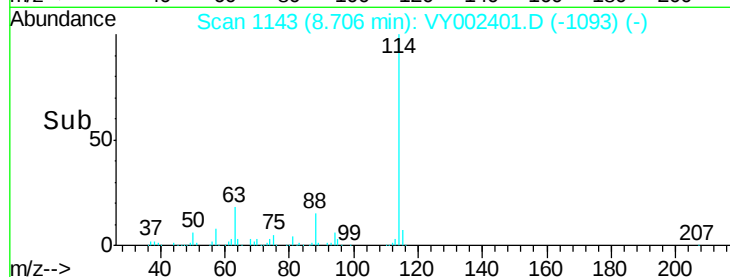
88 14.5 0.0 31.0



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: 49.707 ug/l

RT: 7.74 min Scan# 985

Delta R.T. 0.01 min

Lab File: VY002401.D

Acq: 17 Apr 2020 15:57

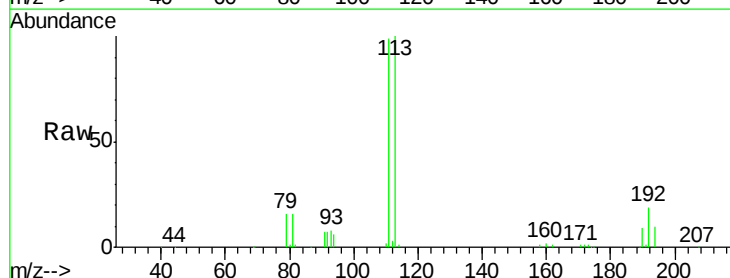
Tgt Ion:113 Resp: 62999

Ion Ratio Lower Upper

113 100

111 102.6 83.5 125.3

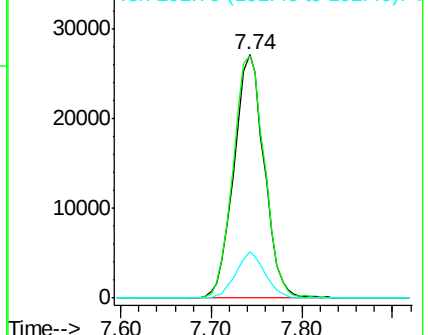
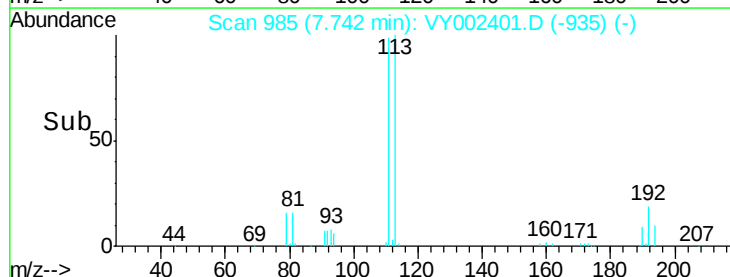
192 18.1 14.7 22.1

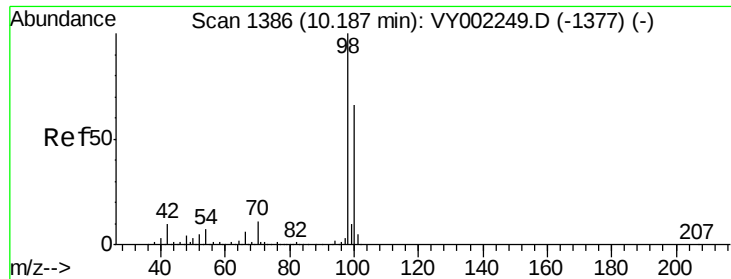


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.182 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002401.D

Acq: 17 Apr 2020 15:57

Instrument :

MSVOA_Y

ClientSampleId :

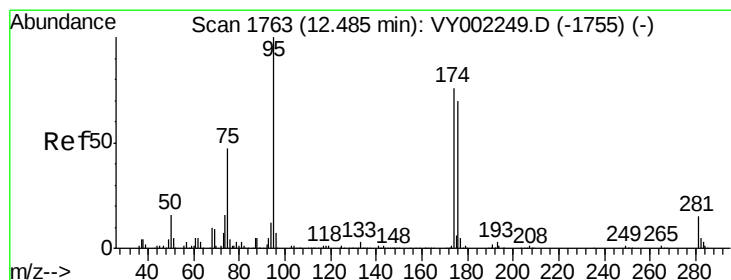
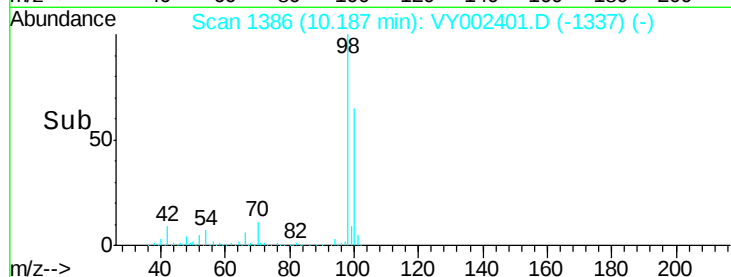
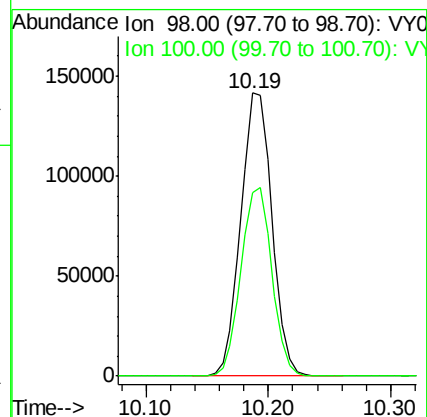
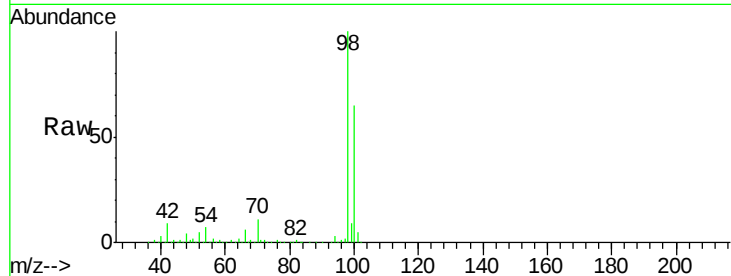
DUP-2020-04-13

Tot Ion: 98 Resp: 250290

Ion Ratio Lower Upper

98 100

100 66.1 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 44.224 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002401.D

Acq: 17 Apr 2020 15:57

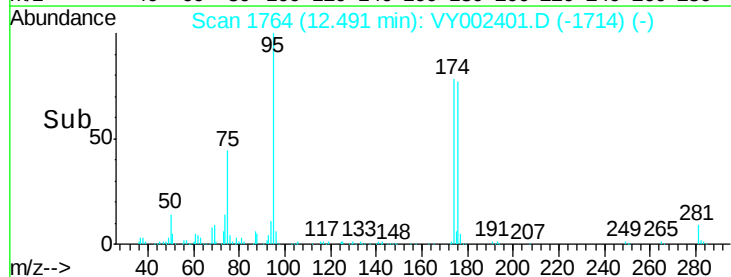
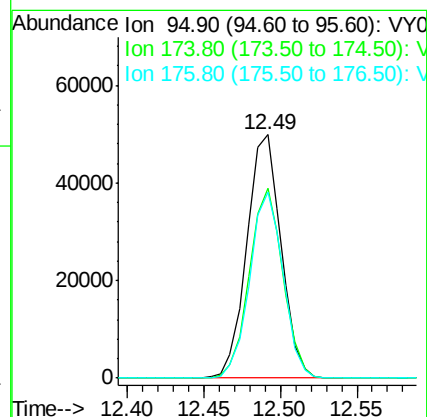
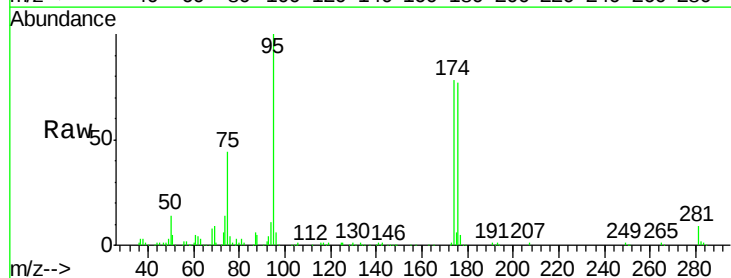
Tgt Ion: 95 Resp: 77398

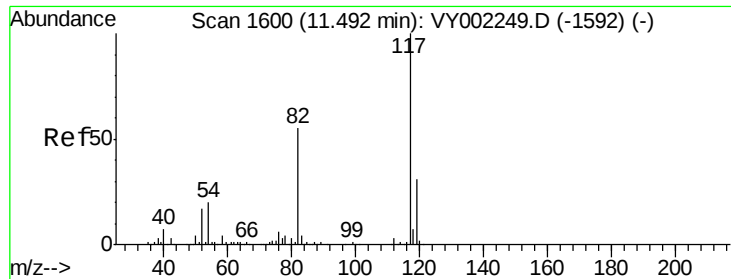
Ion Ratio Lower Upper

95 100

174 76.5 0.0 150.6

176 74.7 0.0 141.4

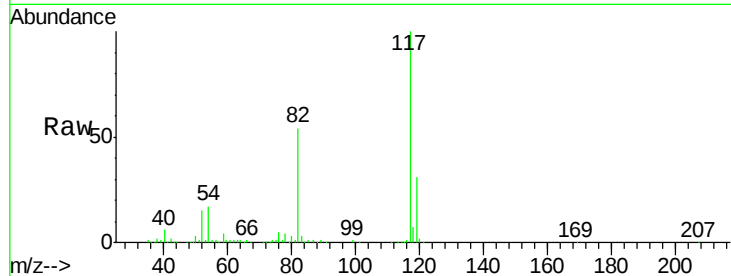




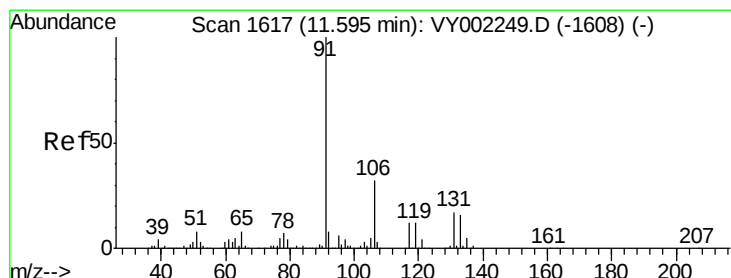
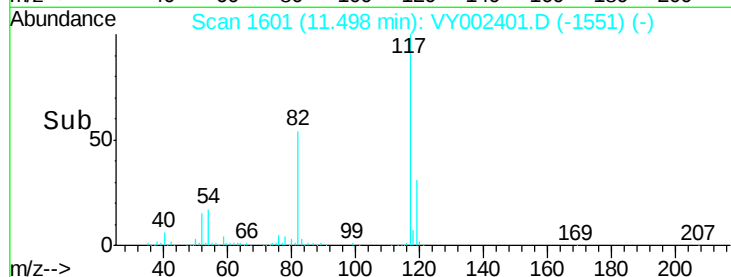
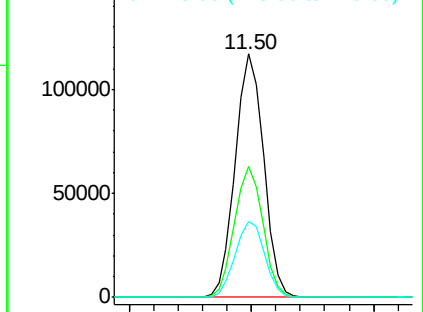
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.01 min
Lab File: VY002401.D
Acq: 17 Apr 2020 15:57

Instrument :
MSVOA_Y
ClientSampleId :
DUP-2020-04-13

Tot Ion:117 Resp: 188083
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.4
119 31.4 25.1 37.7

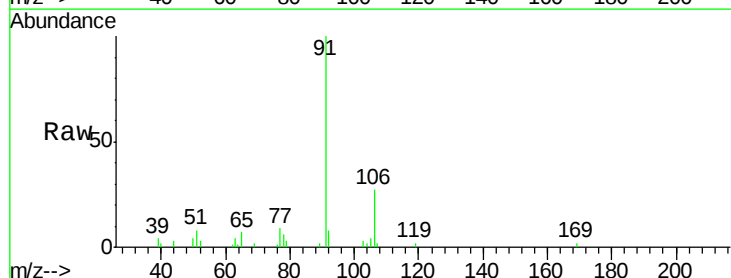


Abundance Ion 116.90 (116.60 to 117.60): VY002249.D (-1592) (-)
Ion 82.00 (81.70 to 82.70): VY002249.D (-1592) (-)
Ion 118.90 (118.60 to 119.60): VY002249.D (-1592) (-)

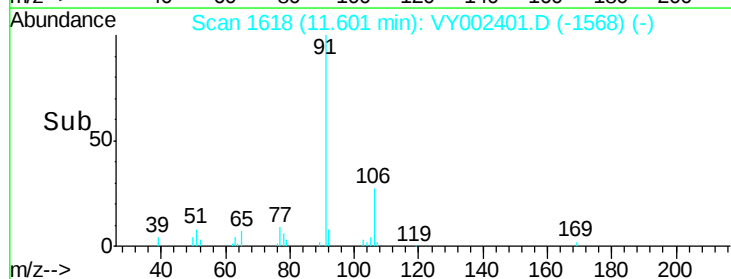
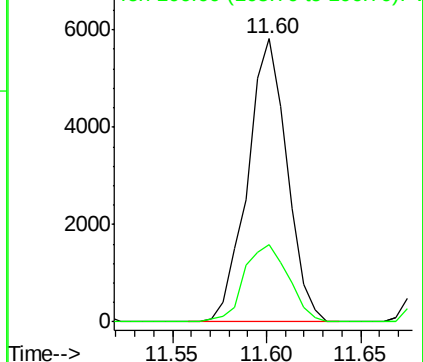


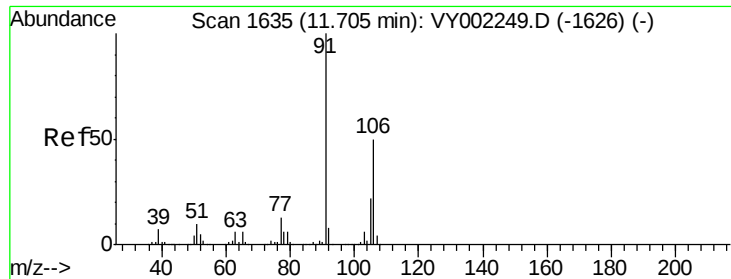
#67
Ethyl Benzene
Concen: 1.181 ug/l
RT: 11.60 min Scan# 1618
Delta R.T. 0.01 min
Lab File: VY002401.D
Acq: 17 Apr 2020 15:57

Tgt Ion: 91 Resp: 8454
Ion Ratio Lower Upper
91 100
106 27.2 25.4 38.0



Abundance Ion 91.00 (90.70 to 91.70): VY002249.D (-1608) (-)
Ion 106.00 (105.70 to 106.70): VY002249.D (-1608) (-)

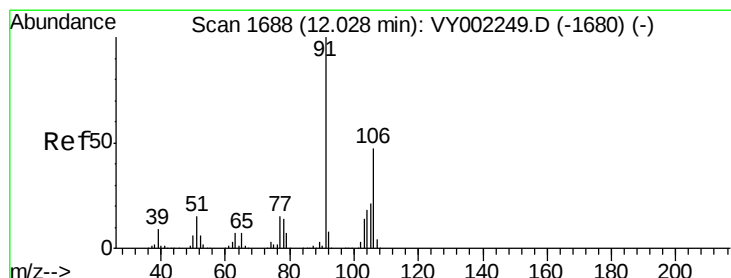
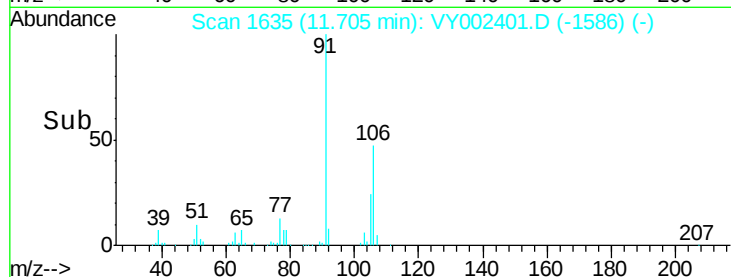
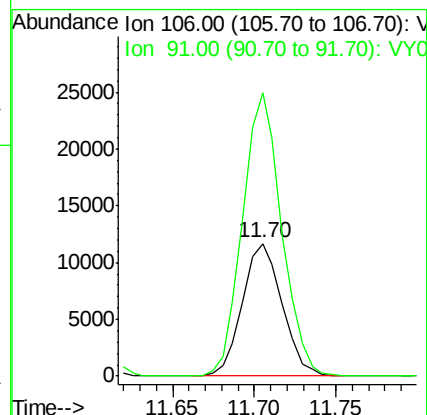
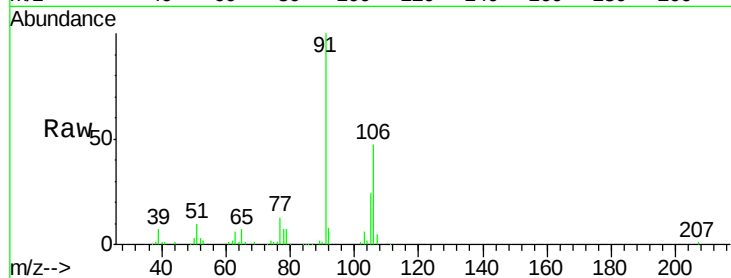




#68
m/p-Xvlenes
Concen: 7.411 ug/l
RT: 11.70 min Scan# 1635
Delta R.T. 0.00 min
Lab File: VY002401.D
Acq: 17 Apr 2020 15:57

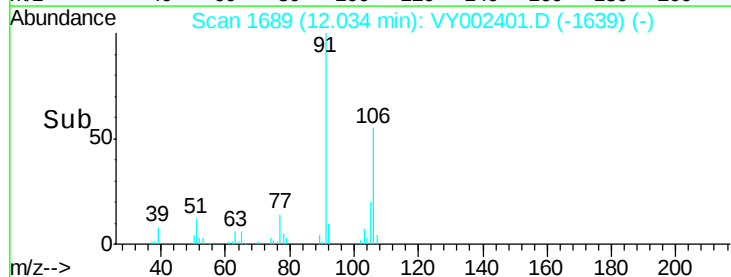
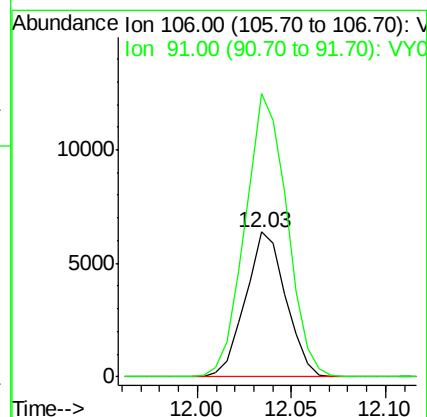
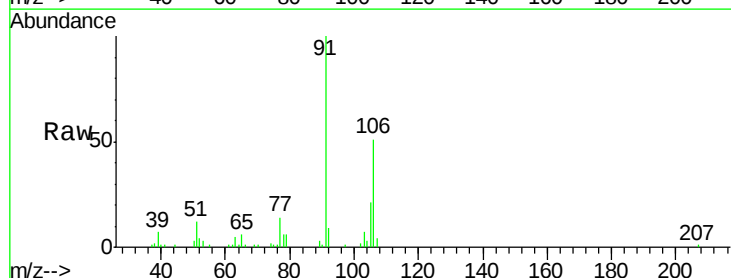
Instrument :
MSVOA_Y
ClientSampled :
DUP-2020-04-13

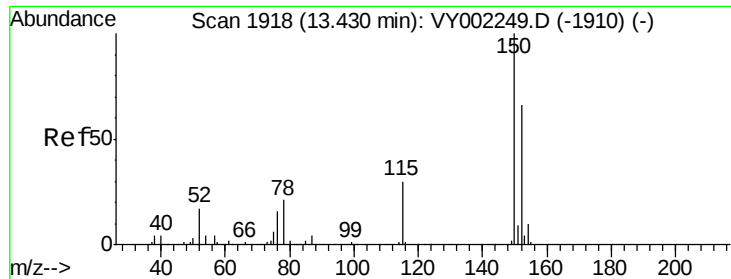
Tot Ion:106 Resp: 19866
Ion Ratio Lower Upper
106 100
91 209.5 159.8 239.6



#69
o-Xylene
Concen: 3.767 ug/l
RT: 12.03 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VY002401.D
Acq: 17 Apr 2020 15:57

Tgt Ion:106 Resp: 9481
Ion Ratio Lower Upper
106 100
91 202.7 105.8 317.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002401.D

Acq: 17 Apr 2020 15:57

Instrument :

MSVOA_Y

ClientSampleId :

DUP-2020-04-13

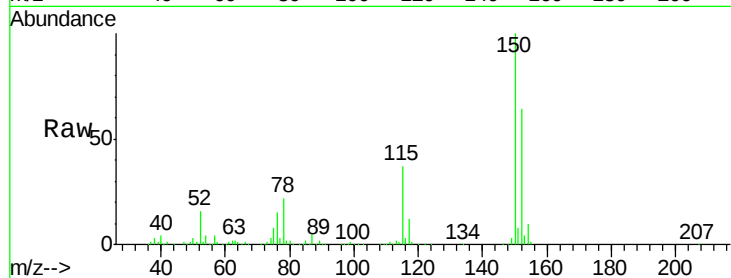
Tot Ion:152 Resp: 74786

Ion Ratio Lower Upper

152 100

115 59.6 30.7 92.1

150 157.7 0.0 350.6



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

