

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041620\
 Data File : VY002363.D
 Acq On : 16 Apr 2020 13:47
 Operator : SY/MD
 Sample : L2287-04
 Misc : 9.60G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GLOUCESTER-SP

Quant Time: Apr 17 07:46:47 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	153211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	309908	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	293691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	127629	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	93498	54.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.76%	
35) Dibromofluoromethane	7.73	113	92530	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.36%	
50) Toluene-d8	10.19	98	376652	48.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.60%	
62) 4-Bromofluorobenzene	12.49	95	133144	52.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.58%	

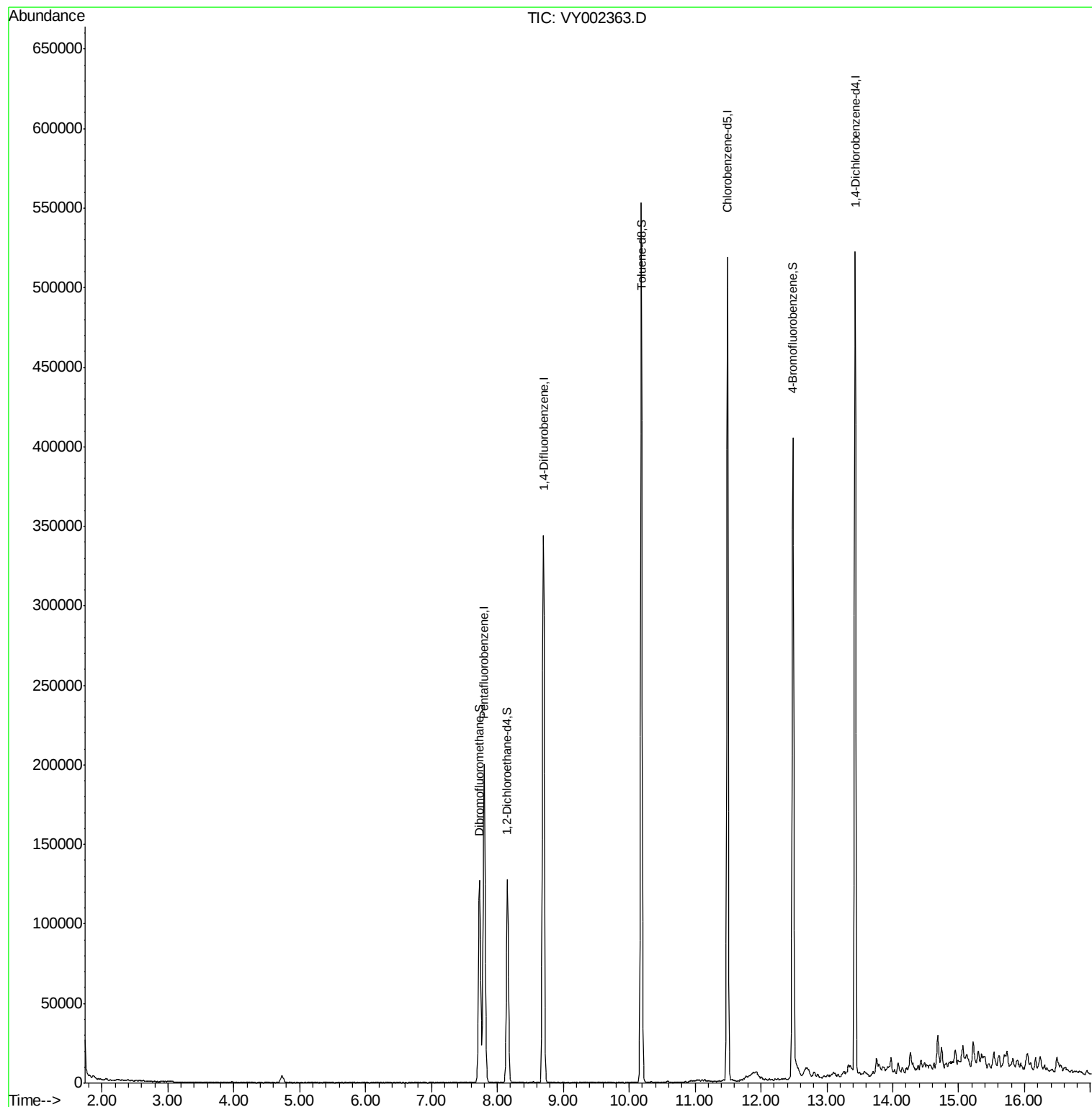
Target Compounds	Qvalue
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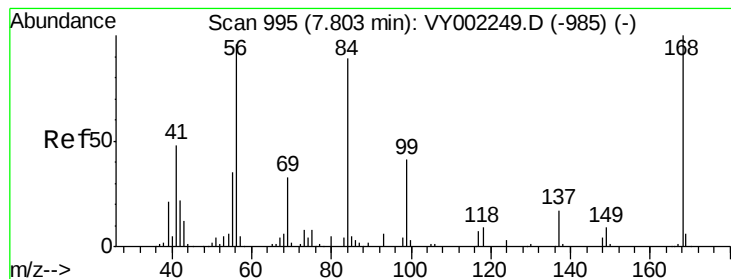
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002363.D

Acq: 16 Apr 2020 13:47

Instrument :

MSVOA_Y

ClientSampleId :

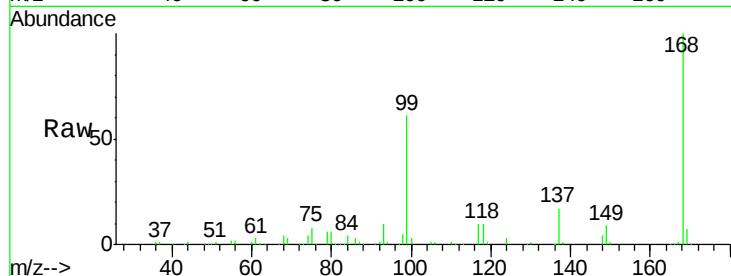
GLOUCESTER-SP

Tot Ion:168 Resp: 153211

Ion Ratio Lower Upper

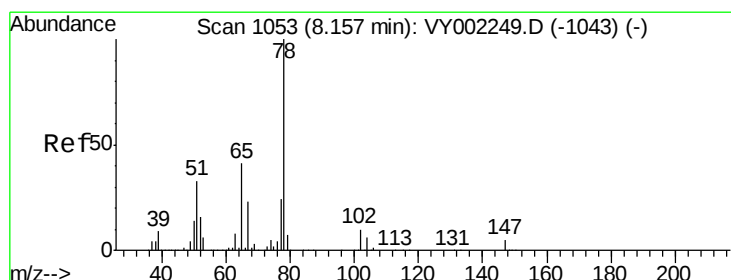
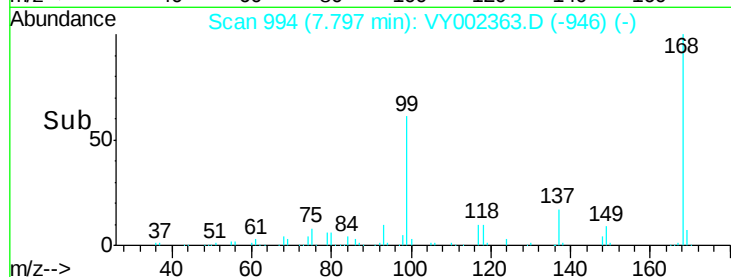
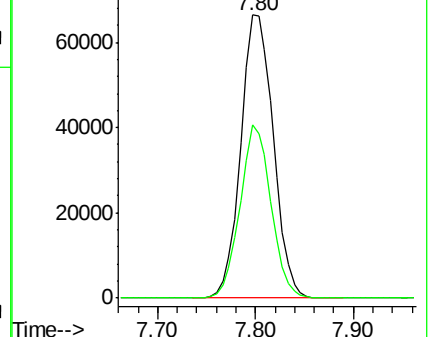
168 100

99 61.1 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: 54.876 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002363.D

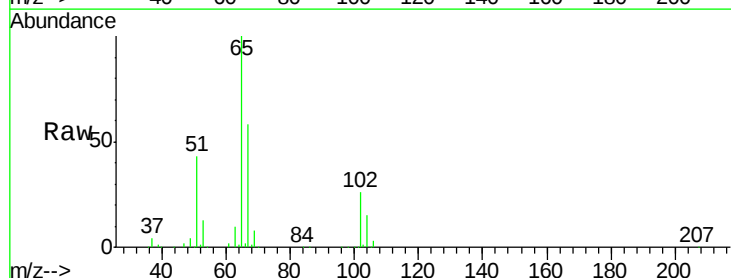
Acq: 16 Apr 2020 13:47

Tgt Ion: 65 Resp: 93498

Ion Ratio Lower Upper

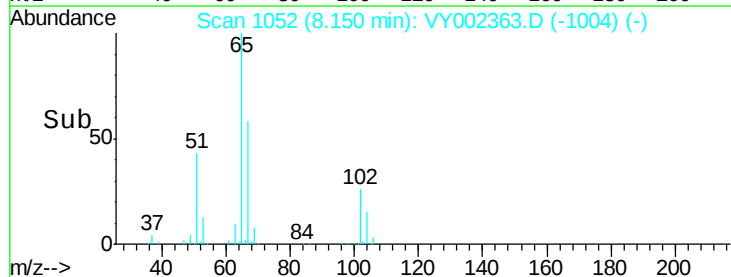
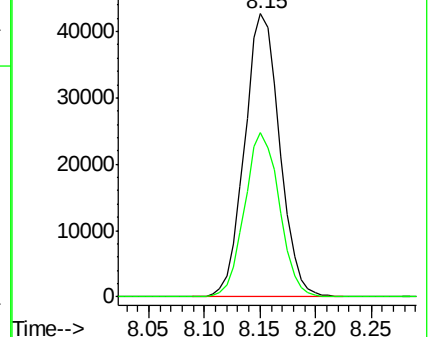
65 100

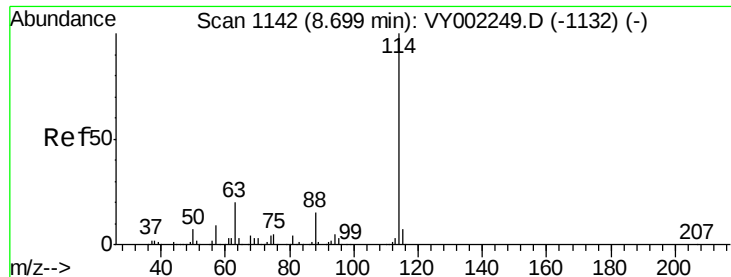
67 57.8 0.0 114.0



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

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

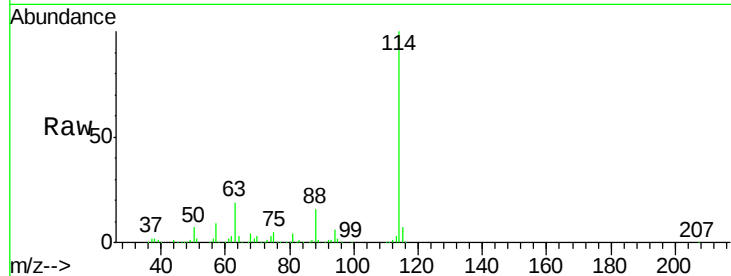




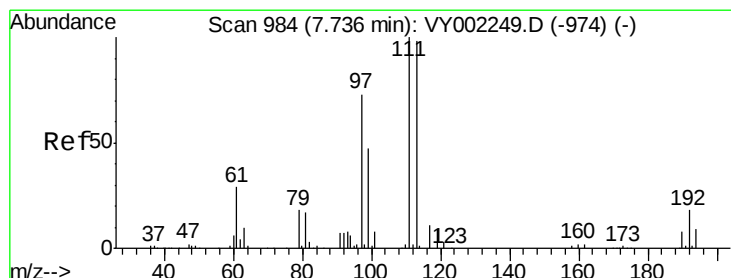
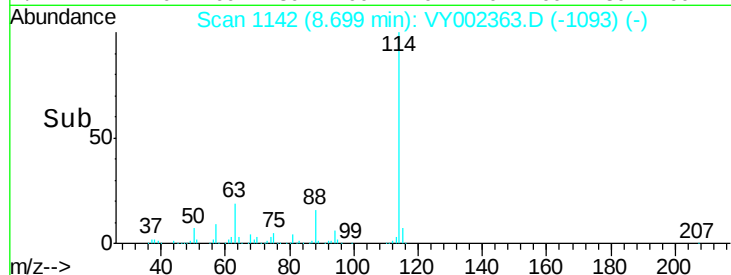
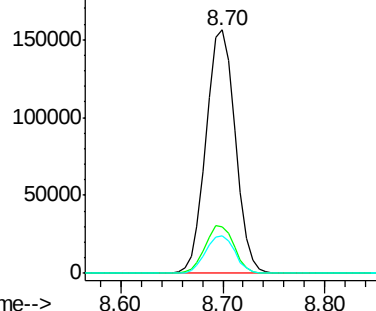
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.00 min
 Lab File: VY002363.D
 Acq: 16 Apr 2020 13:47

Instrument :
 MSVOA_Y
 ClientSampleId :
 GLOUCESTER-SP

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	39.0
88	15.5	0.0	31.0

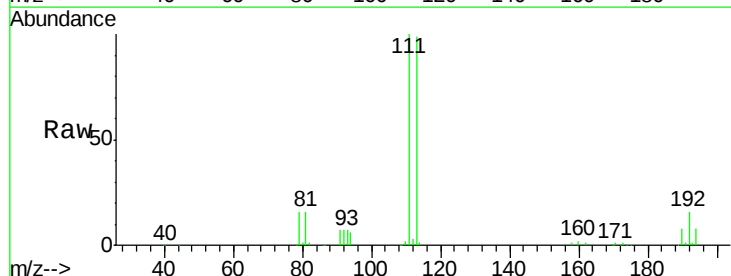


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

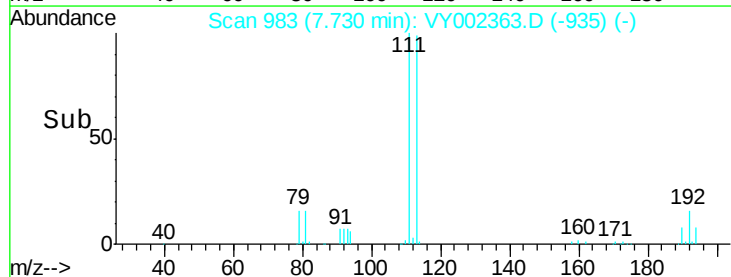
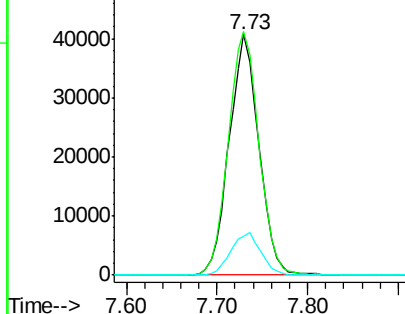


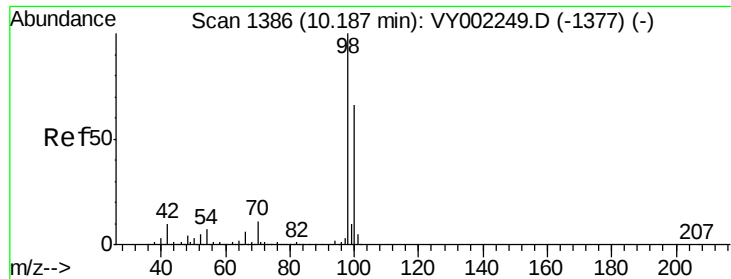
#35
 Dibromofluoromethane
 Concen: 50.177 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: VY002363.D
 Acq: 16 Apr 2020 13:47

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	83.5	125.3
192	17.9	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: 48.799 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. -0.00 min

Lab File: VY002363.D

Acq: 16 Apr 2020 13:47

Instrument :

MSVOA_Y

ClientSampleId :

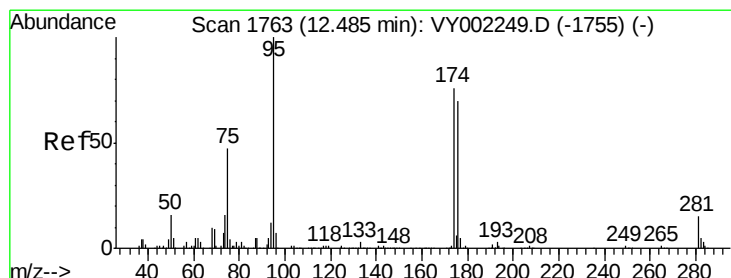
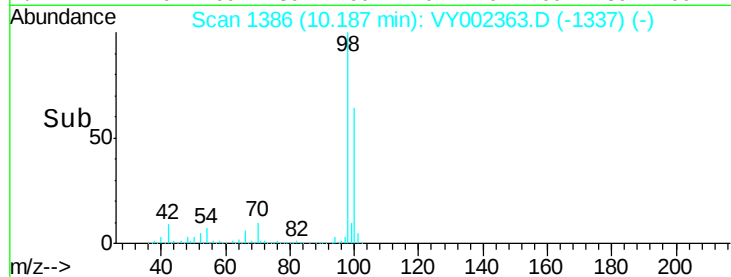
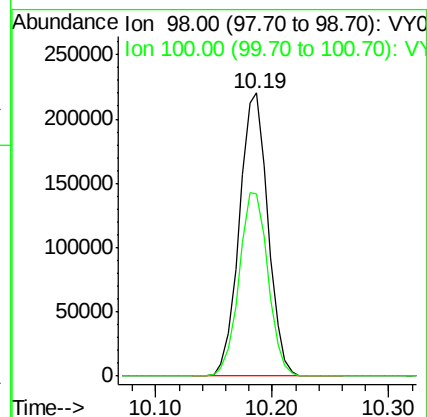
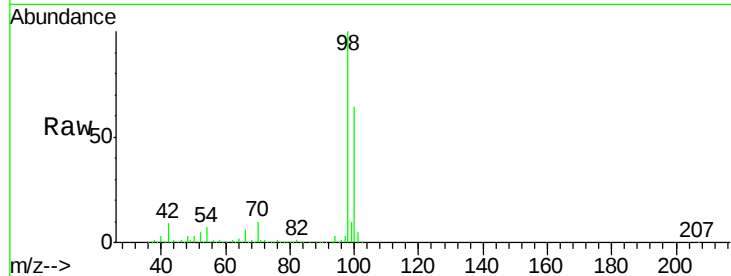
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Tot Ion: 98 Resp: 376652

Ion Ratio Lower Upper

98 100

100 65.7 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 52.287 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VY002363.D

Acq: 16 Apr 2020 13:47

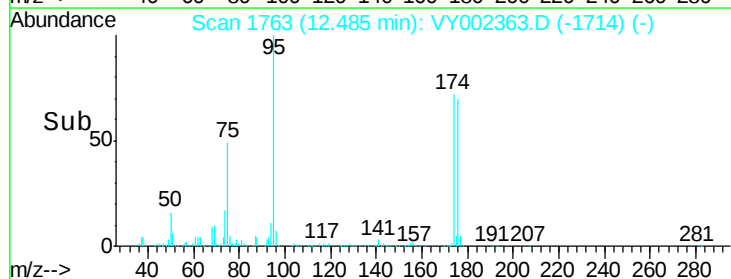
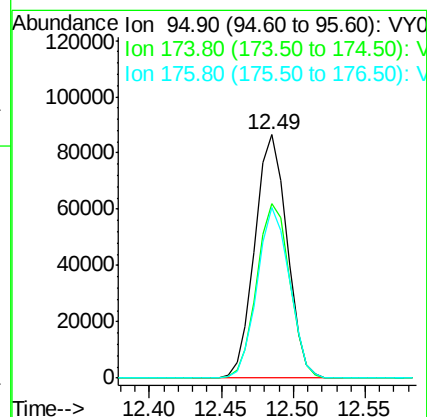
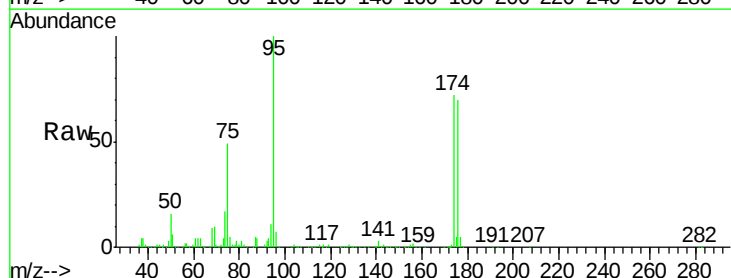
Tgt Ion: 95 Resp: 133144

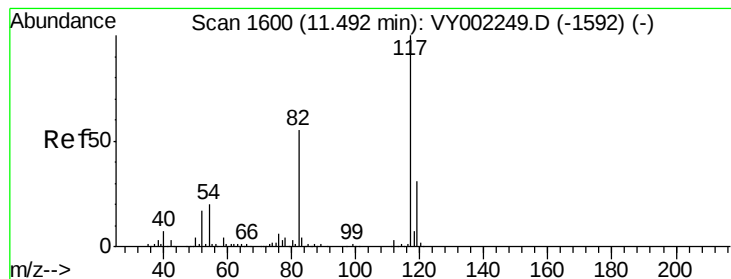
Ion Ratio Lower Upper

95 100

174 73.7 0.0 150.6

176 70.6 0.0 141.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.00 min

Lab File: VY002363.D

Acq: 16 Apr 2020 13:47

Instrument :

MSVOA_Y

ClientSampleId :

GLOUCESTER-SP

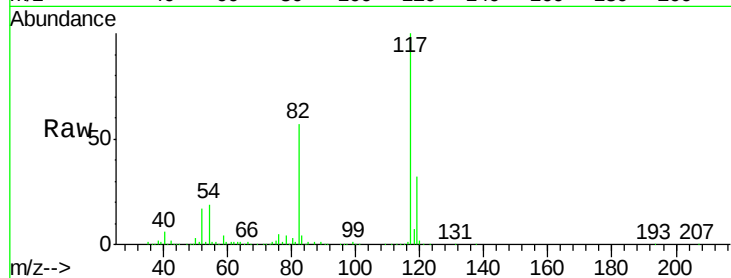
Tot Ion:117 Resp: 293691

Ion Ratio Lower Upper

117 100

82 56.6 44.2 66.4

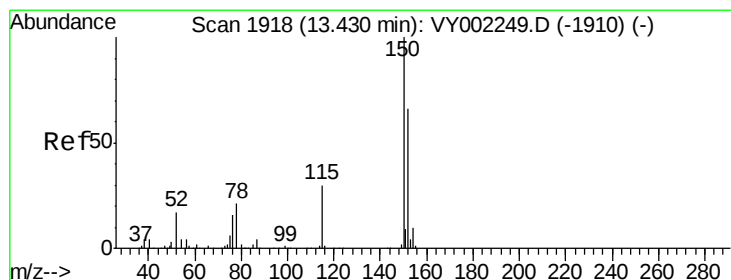
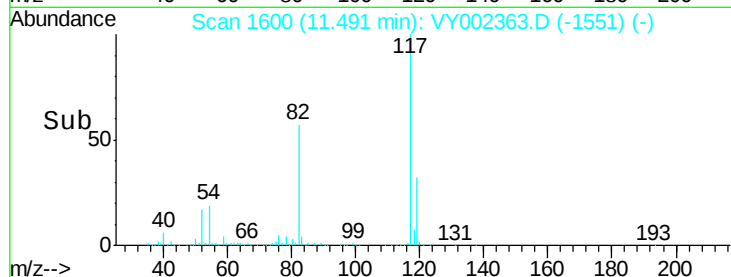
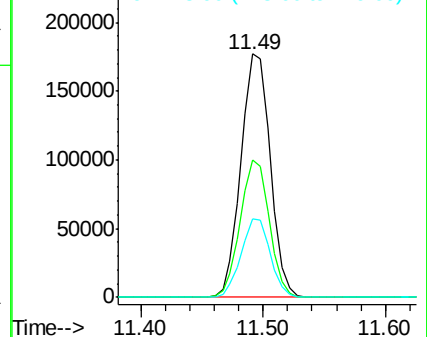
119 32.1 25.1 37.7



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.00 min

Lab File: VY002363.D

Acq: 16 Apr 2020 13:47

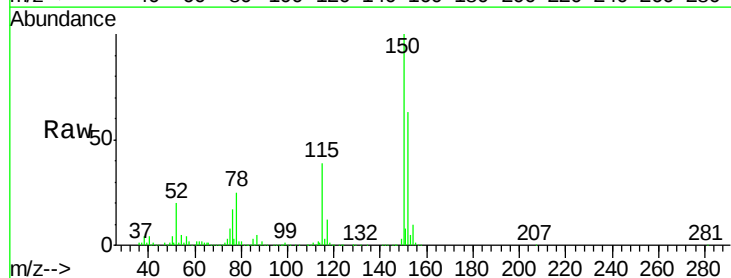
Tgt Ion:152 Resp: 127629

Ion Ratio Lower Upper

152 100

115 61.6 30.7 92.1

150 159.7 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

