

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041720\
 Data File : VY002407.D
 Acq On : 17 Apr 2020 18:11
 Operator : SY/MD
 Sample : L2272-01
 Misc : 7.60G/5ML/MSVOA Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WEST-SAMPLE

Quant Time: Apr 18 07:33:39 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

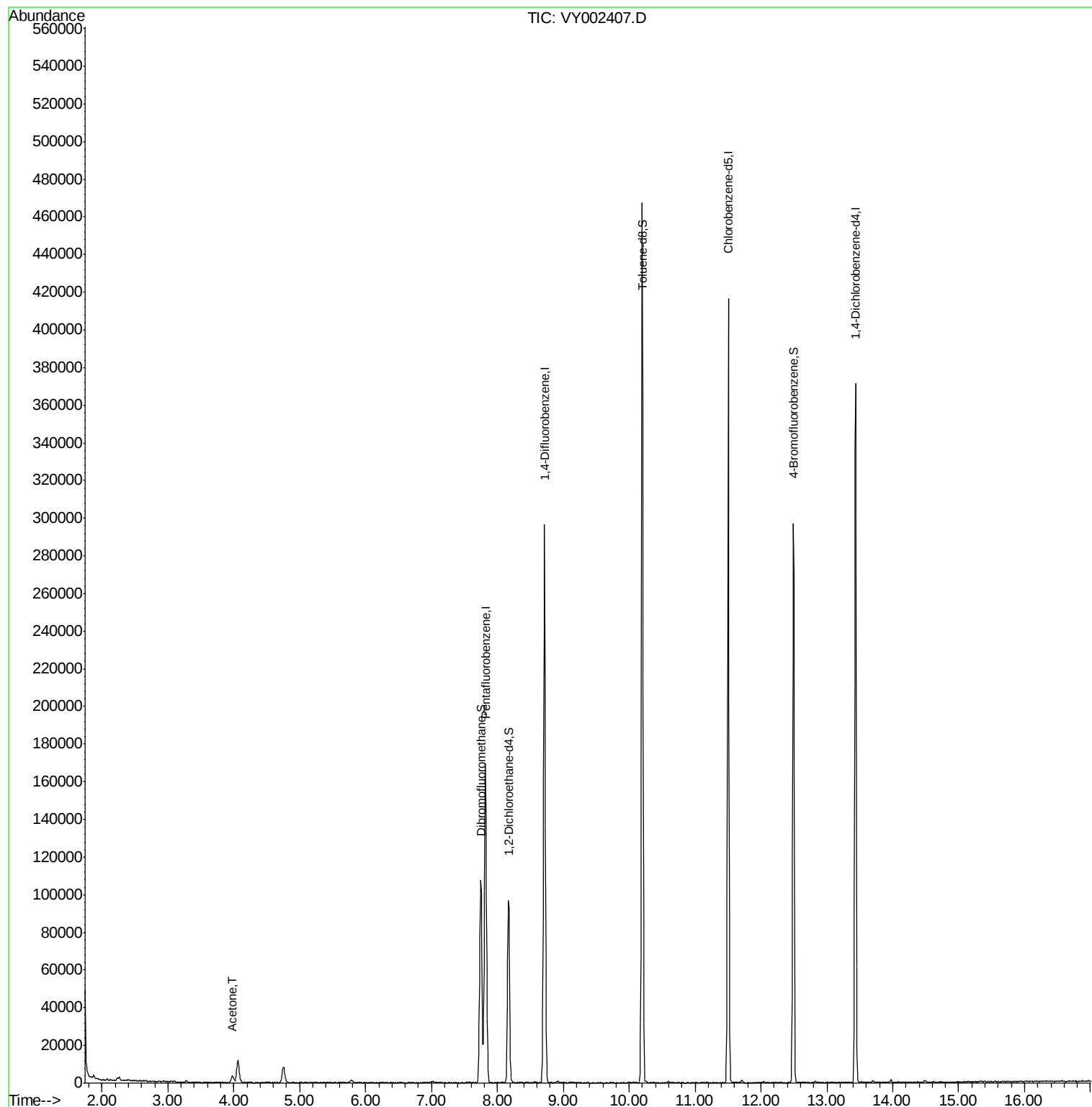
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	135539	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.71	114	270946	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.50	117	242168	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.44	152	98927	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	69432	46.06	ug/l	0.01
Spiked Amount 50.000			Recovery	=	92.12%	
35) Dibromofluoromethane	7.75	113	79692	49.43	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.86%	
50) Toluene-d8	10.20	98	324951	48.15	ug/l	0.01
Spiked Amount 50.000			Recovery	=	96.30%	
62) 4-Bromofluorobenzene	12.49	95	97514	43.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.60%	
Target Compounds						
16) Acetone	3.97	43	6027	15.182	ug/l	Qvalue 94

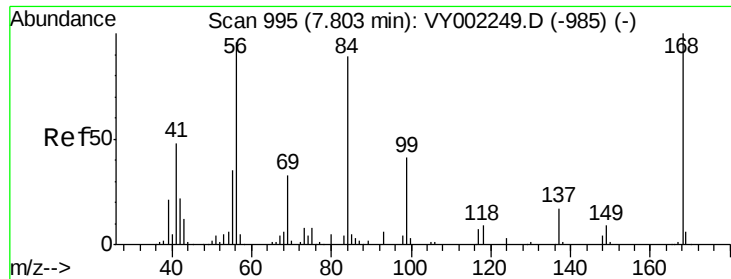
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 998

Delta R.T. 0.02 min

Lab File: VY002407.D

Acq: 17 Apr 2020 18:11

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MSVOA_Y

ClientSampleId :

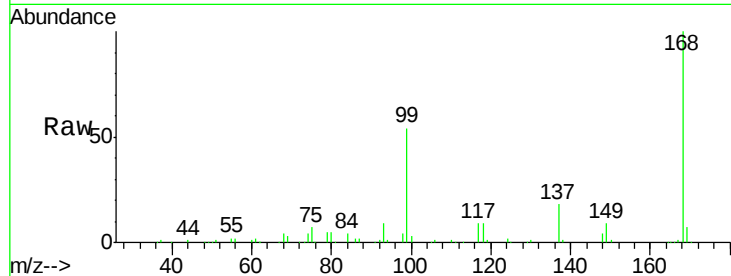
WEST-SAMPLE

Tot Ion:168 Resp: 135539

Ion Ratio Lower Upper

168 100

99 53.9 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) (-)

7.82

60000

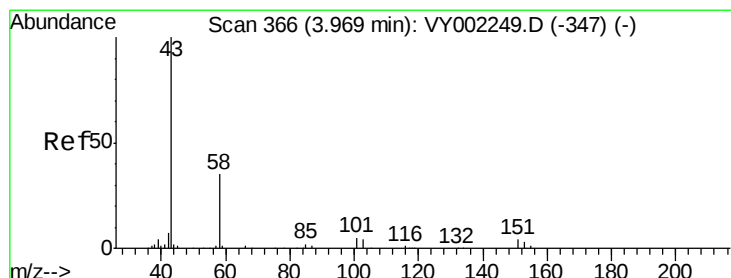
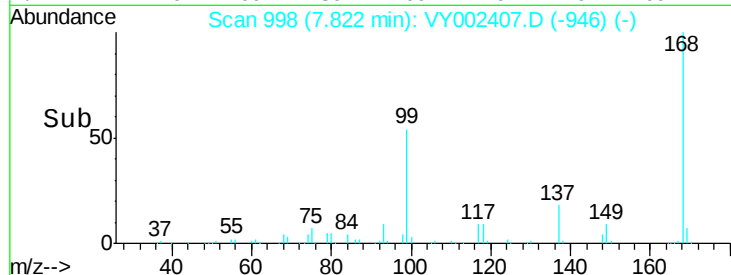
40000

20000

0

Time-->

7.70 7.80 7.90



#16

Acetone

Concen: 15.182 ug/l

RT: 3.97 min Scan# 367

Delta R.T. 0.01 min

Lab File: VY002407.D

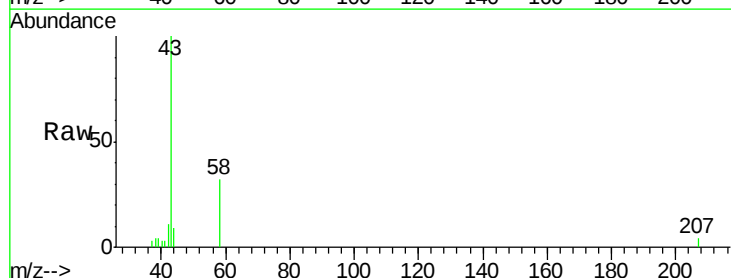
Acq: 17 Apr 2020 18:11

Tgt Ion: 43 Resp: 6027

Ion Ratio Lower Upper

43 100

58 31.8 28.5 42.7



Abundance Ion 43.00 (42.70 to 43.70): VY002249.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VY002249.D (-347) (-)

3.97

2500

2000

1500

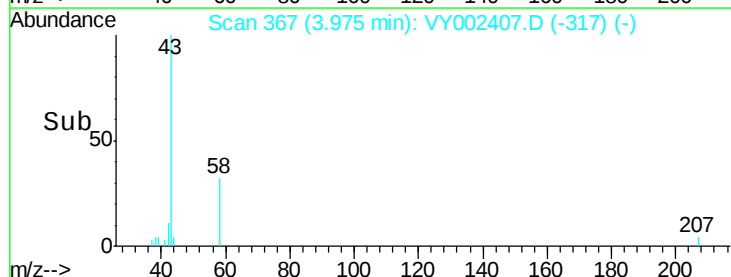
1000

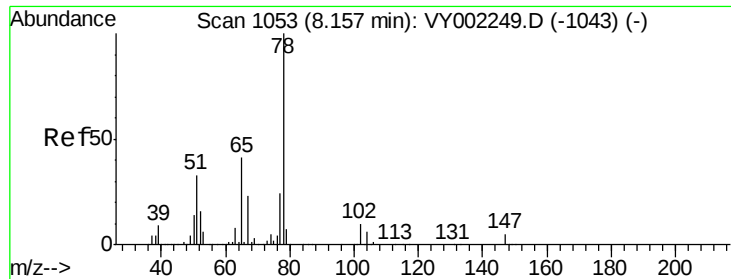
500

0

Time-->

3.90 3.95 4.00 4.05 4.10





#33

1,2-Dichloroethane-d4

Concen: 46.064 ug/l

RT: 8.17 min Scan# 1055

Delta R.T. 0.01 min

Lab File: VY002407.D

Acq: 17 Apr 2020 18:11

Instrument :

MSVOA_Y

ClientSampleId :

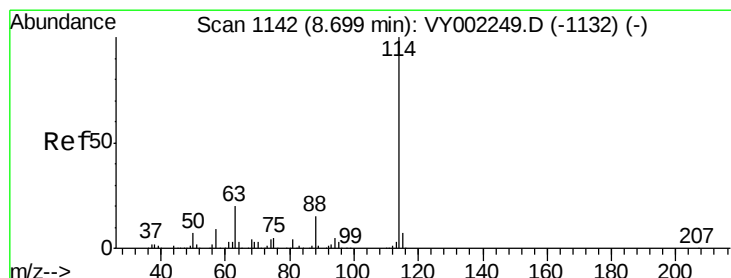
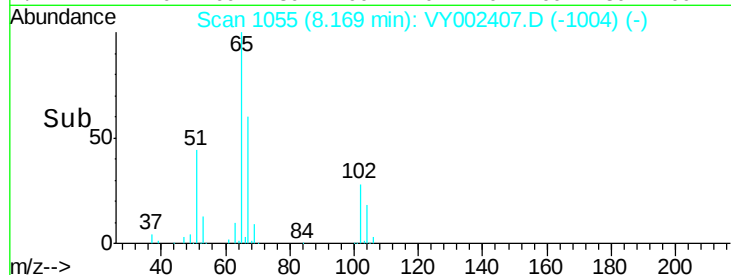
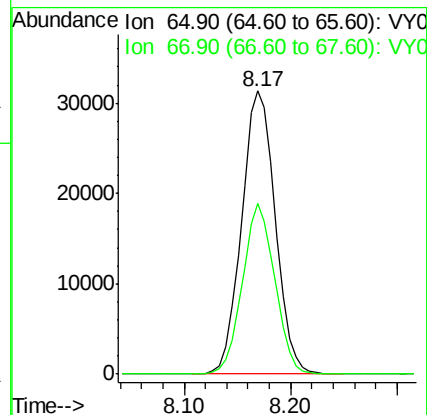
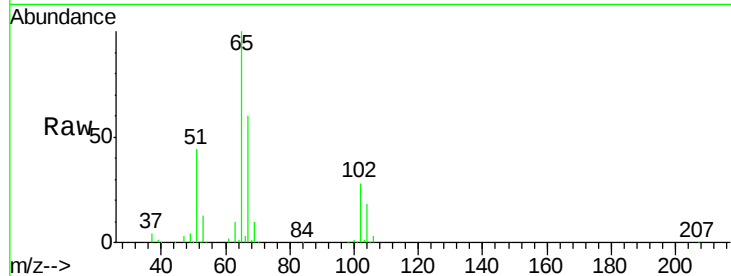
WEST-SAMPLE

Tot Ion: 65 Resp: 69432

Ion Ratio Lower Upper

65 100

67 57.9 0.0 114.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VY002407.D

Acq: 17 Apr 2020 18:11

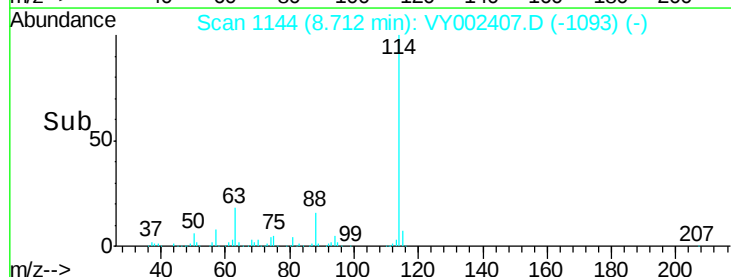
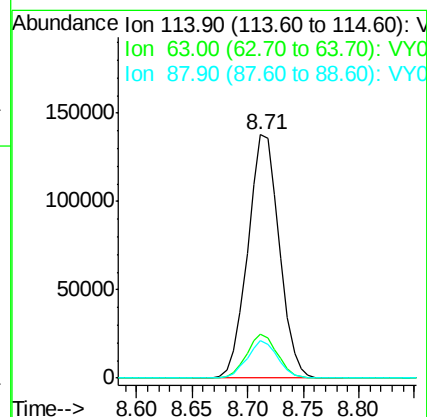
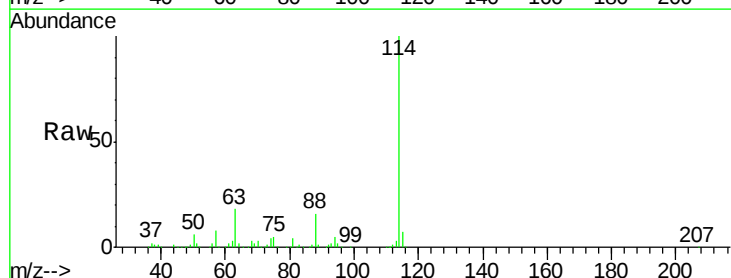
Tgt Ion: 114 Resp: 270946

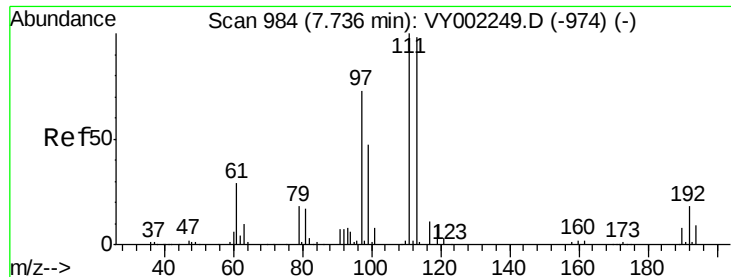
Ion Ratio Lower Upper

114 100

63 18.3 0.0 39.0

88 15.5 0.0 31.0

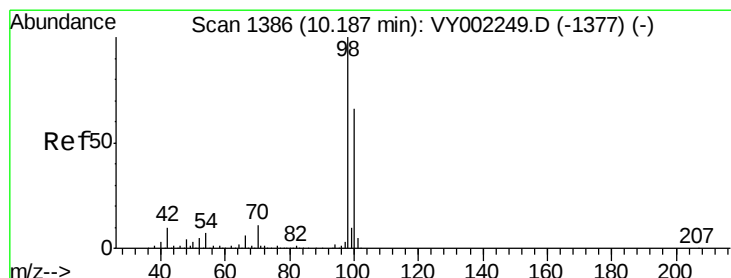
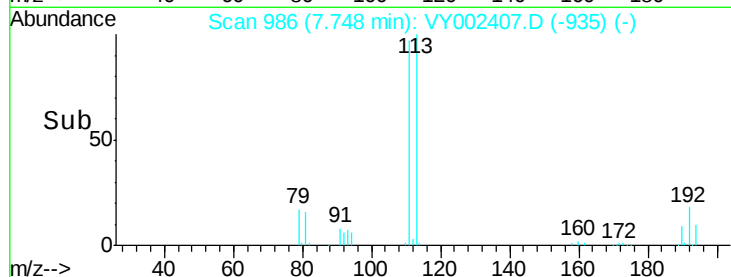
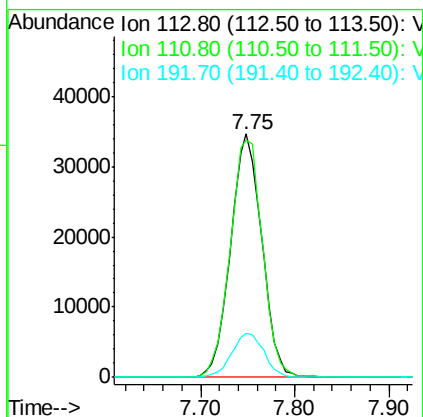
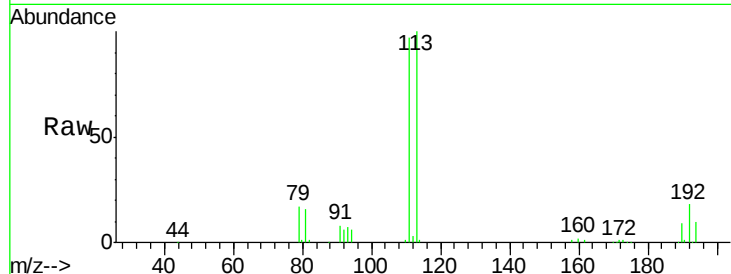




#35
 Dibromofluoromethane
 Concen: 49.430 ug/l
 RT: 7.75 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: VY002407.D
 Acq: 17 Apr 2020 18:11

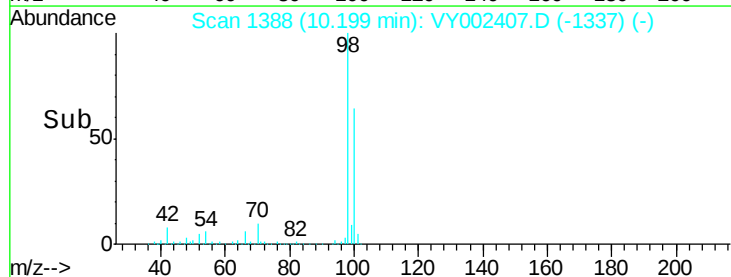
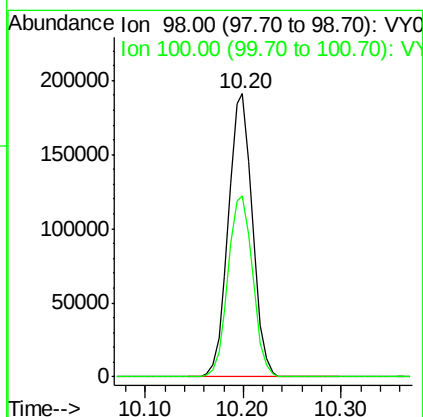
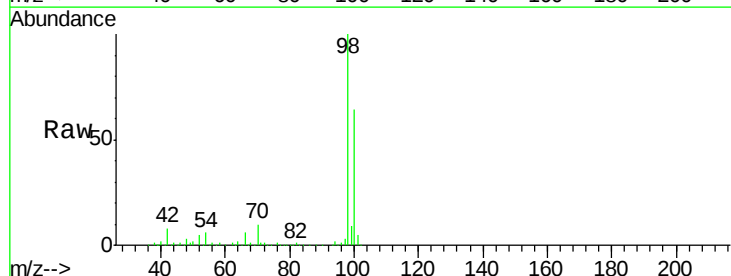
Instrument :
 MSVOA_Y
 ClientSampleId :
 WEST-SAMPLE

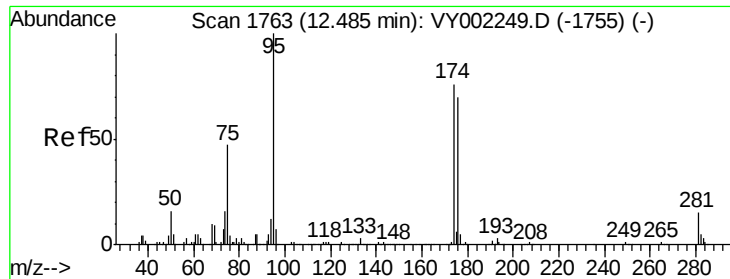
Tot Ion:113 Resp: 79692
 Ion Ratio Lower Upper
 113 100
 111 101.2 83.5 125.3
 192 18.7 14.7 22.1



#50
 Toluene-d8
 Concen: 48.155 ug/l
 RT: 10.20 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: VY002407.D
 Acq: 17 Apr 2020 18:11

Tgt Ion: 98 Resp: 324951
 Ion Ratio Lower Upper
 98 100
 100 65.7 52.6 78.8





#62

4-Bromofluorobenzene

Concen: 43.801 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002407.D

Acq: 17 Apr 2020 18:11

Instrument :

MSVOA_Y

ClientSampleId :

WEST-SAMPLE

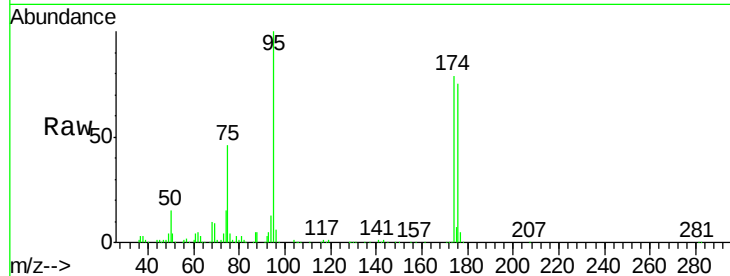
Tot Ion: 95 Resp: 97514

Ion Ratio Lower Upper

95 100

174 79.5 0.0 150.6

176 78.2 0.0 141.4

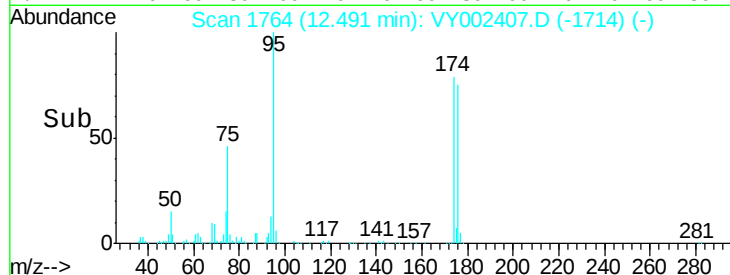


Abundance Ion 94.90 (94.60 to 95.60): VY002249.D (-1755) (-)

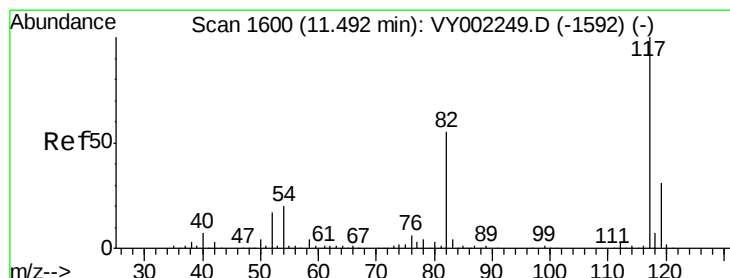
Ion 173.80 (173.50 to 174.50): VY002249.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002249.D (-1755) (-)

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1602

Delta R.T. 0.01 min

Lab File: VY002407.D

Acq: 17 Apr 2020 18:11

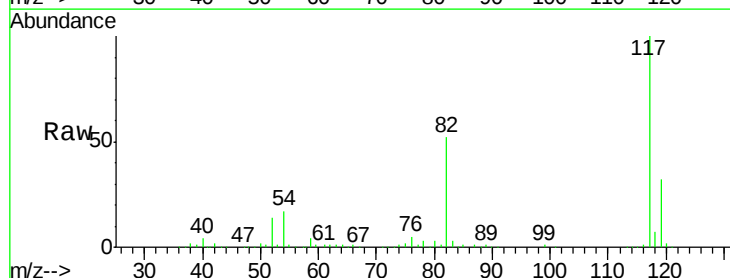
Tgt Ion: 117 Resp: 242168

Ion Ratio Lower Upper

117 100

82 51.8 44.2 66.4

119 31.8 25.1 37.7

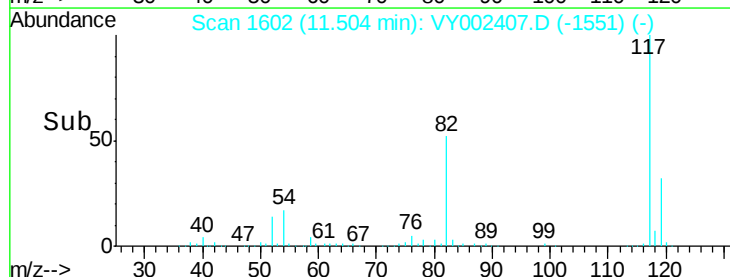


Abundance Ion 116.90 (116.60 to 117.60): VY002249.D (-1592) (-)

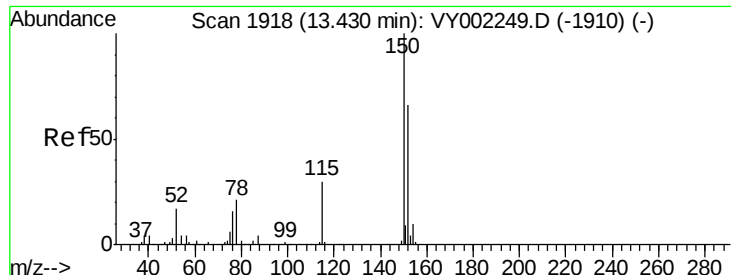
Ion 82.00 (81.70 to 82.70): VY002249.D (-1592) (-)

Ion 118.90 (118.60 to 119.60): VY002249.D (-1592) (-)

Time-->



Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.01 min

Lab File: VY002407.D

Acq: 17 Apr 2020 18:11

Instrument :

MSVOA_Y

ClientSampleId :

WEST-SAMPLE

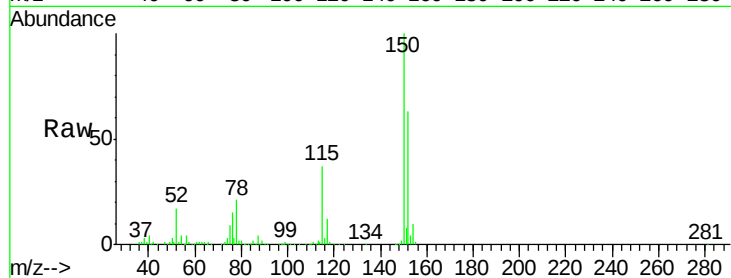
Tot Ion:152 Resp: 98927

Ion Ratio Lower Upper

152 100

115 58.3 30.7 92.1

150 158.1 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

