

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003239.D
 Acq On : 20 Jul 2020 18:07
 Operator : SY/MD
 Sample : L3308-13
 Misc : 5.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 13

Quant Time: Jul 21 04:50:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y071020S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 10 13:18:03 2020
 Response via : Initial Calibration

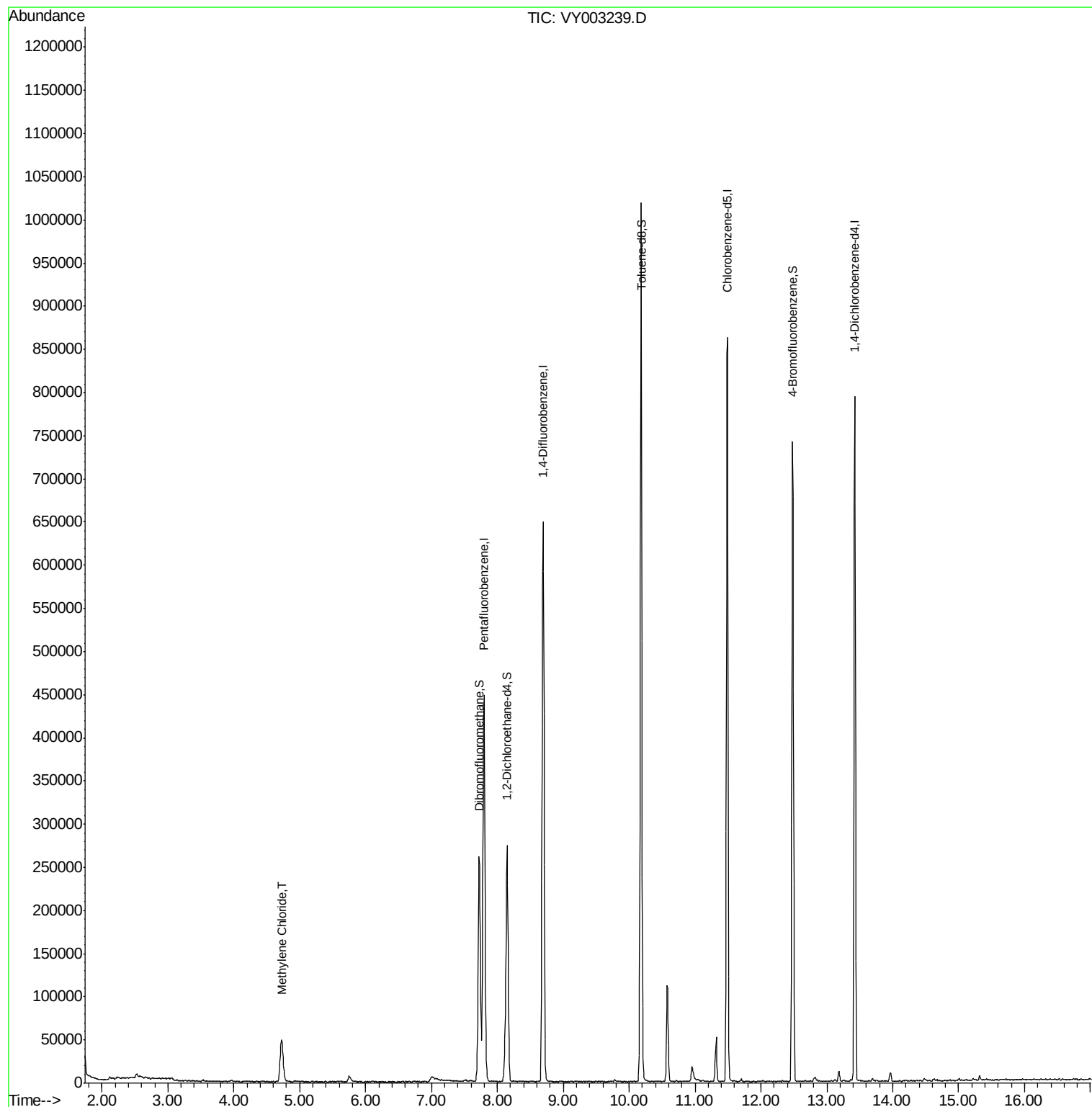
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	361087	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	550045	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	468005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	197464	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	203217	66.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.36%	
35) Dibromofluoromethane	7.72	113	180927	57.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.32%	
50) Toluene-d8	10.18	98	650024	55.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.46%	
62) 4-Bromofluorobenzene	12.48	95	193804	45.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.18%	
Target Compounds						
20) Methylene Chloride	4.72	84	37592	6.156	ug/l	Qvalue 99

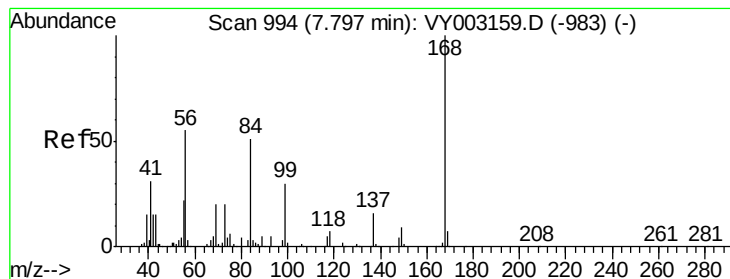
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003239.D

Acq: 20 Jul 2020 18:07

Instrument :

MSVOA_Y

ClientSampled :

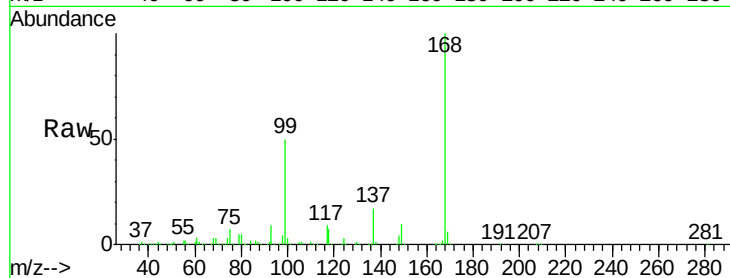
13

Tot Ion:168 Resp: 361087

Ion Ratio Lower Upper

168 100

99 50.2 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VY0

7.80

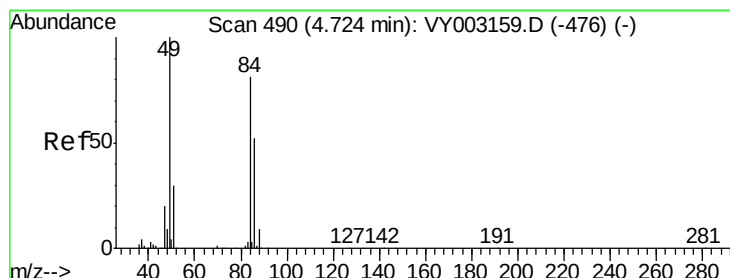
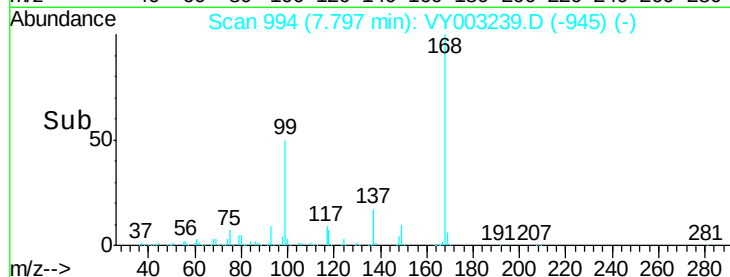
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 6.156 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003239.D

Acq: 20 Jul 2020 18:07

Tgt Ion: 84 Resp: 37592

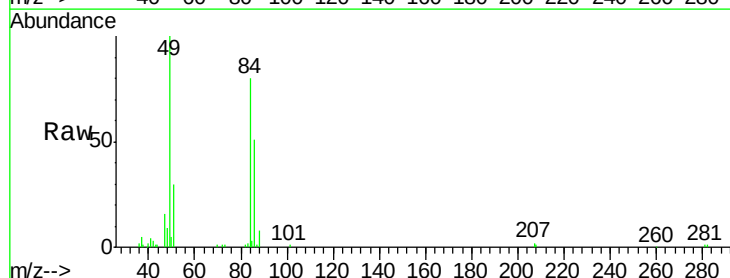
Ion Ratio Lower Upper

84 100

49 125.3 98.2 147.4

51 37.3 29.8 44.6

86 64.1 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VY0

Ion 48.90 (48.60 to 49.60): VY0

Ion 50.90 (50.60 to 51.60): VY0

Ion 85.90 (85.60 to 86.60): VY0

20000

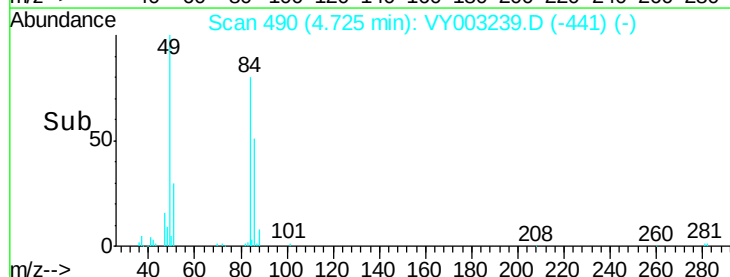
15000

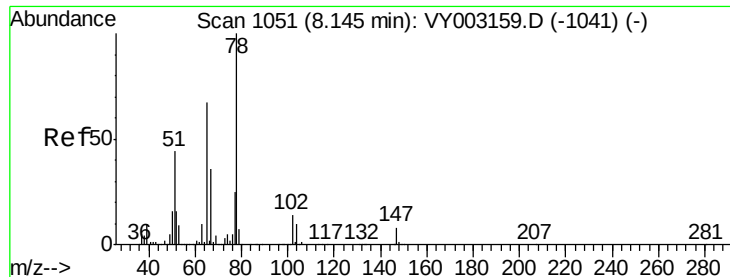
10000

5000

0

Time-->

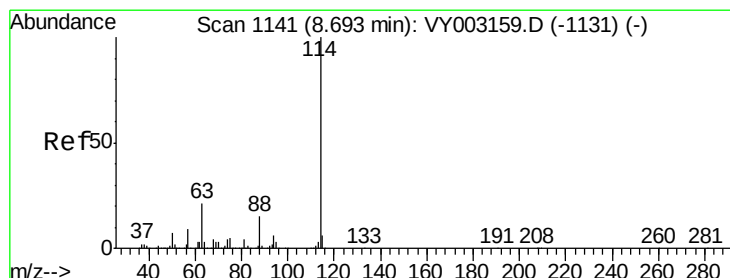
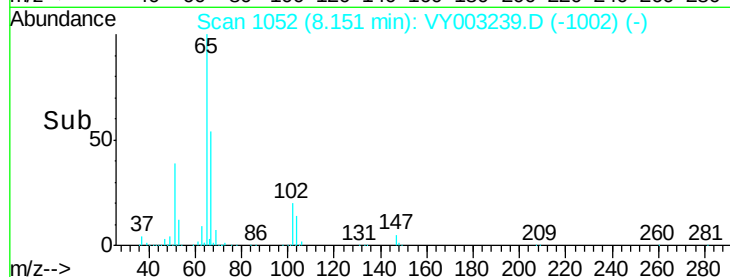
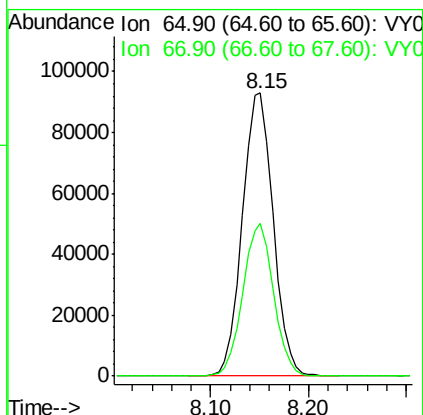
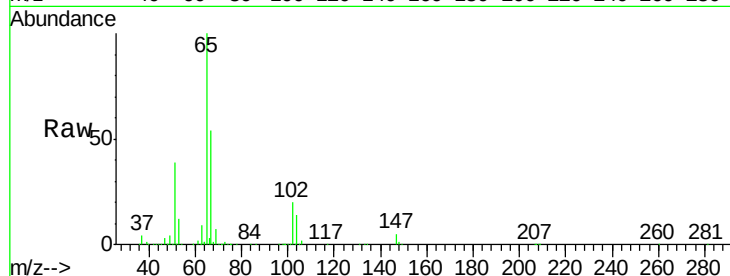




#33
 1,2-Dichloroethane-d4
 Concen: 66.679 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VY003239.D
 Acq: 20 Jul 2020 18:07

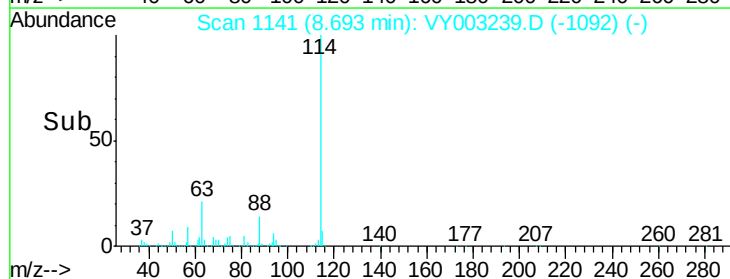
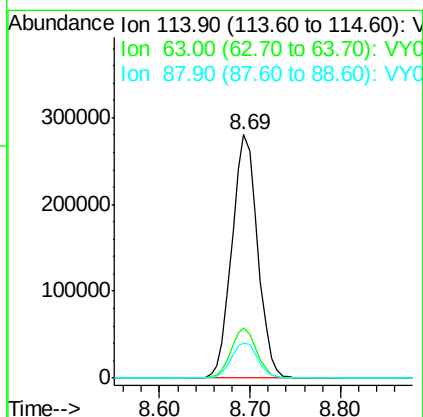
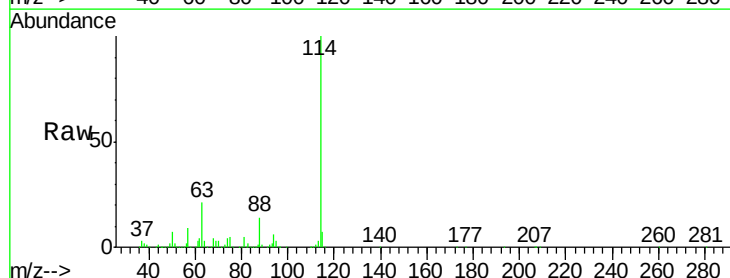
Instrument :
 MSVOA_Y
 ClientSampled :
 13

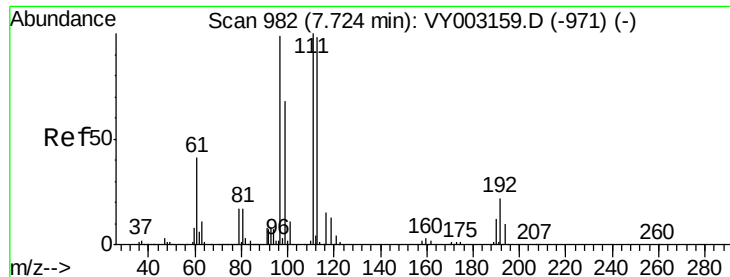
Tot Ion: 65 Resp: 203217
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY003239.D
 Acq: 20 Jul 2020 18:07

Tgt Ion: 114 Resp: 550045
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 41.2
 88 14.4 0.0 30.2





#35

Dibromofluoromethane

Concen: 57.158 ug/l

RT: 7.72 min Scan# 982

Delta R.T. 0.00 min

Lab File: VY003239.D

Acq: 20 Jul 2020 18:07

Instrument :

MSVOA_Y

ClientSampleId :

13

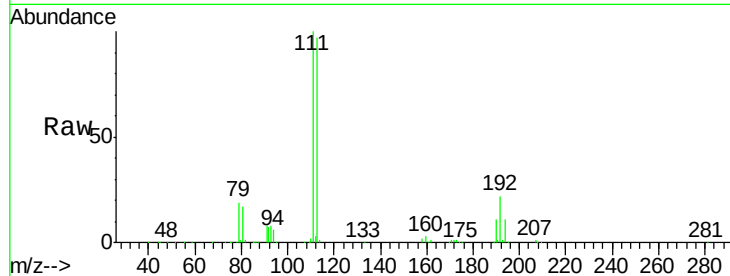
Tot Ion:113 Resp: 180927

Ion Ratio Lower Upper

113 100

111 103.2 82.1 123.1

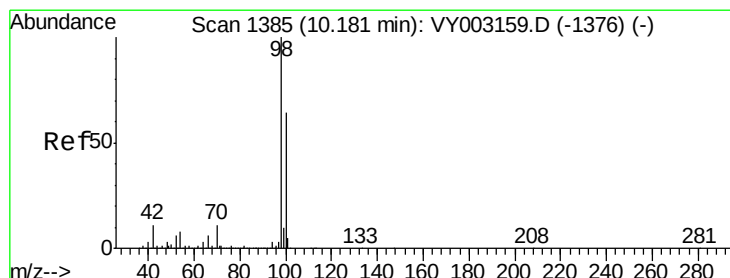
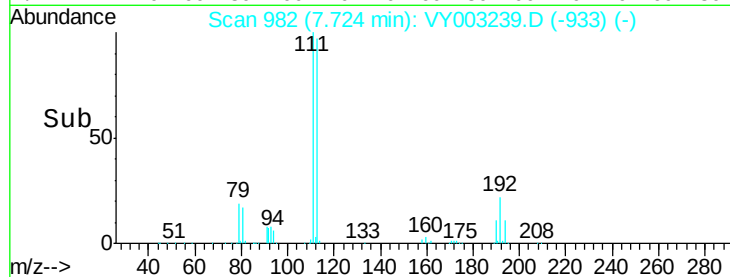
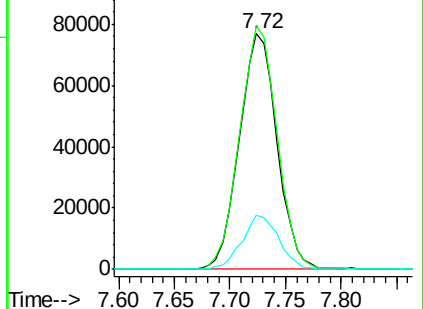
192 22.6 18.8 28.2



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: 55.235 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003239.D

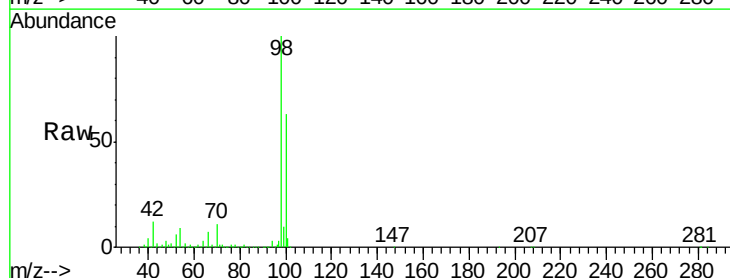
Acq: 20 Jul 2020 18:07

Tgt Ion: 98 Resp: 650024

Ion Ratio Lower Upper

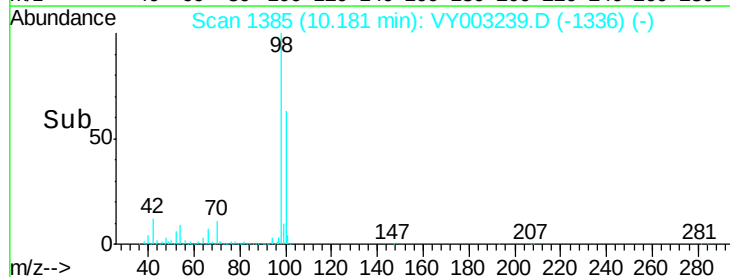
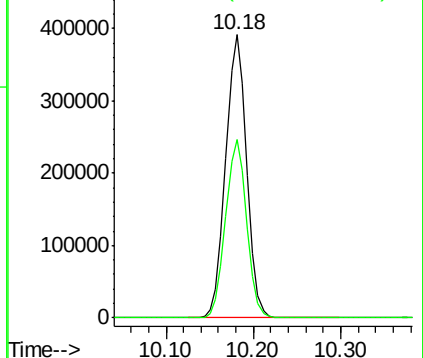
98 100

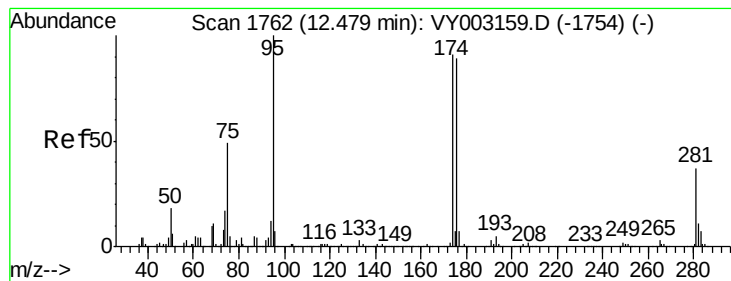
100 63.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 45.586 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY003239.D

Acq: 20 Jul 2020 18:07

Instrument :

MSVOA_Y

ClientSampleId :

13

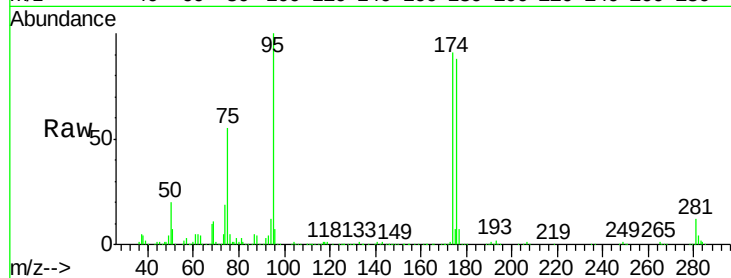
Tot Ion: 95 Resp: 193804

Ion Ratio Lower Upper

95 100

174 93.6 0.0 190.6

176 92.2 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY003239.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY003239.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY003239.D (-1754) (-)

12.48

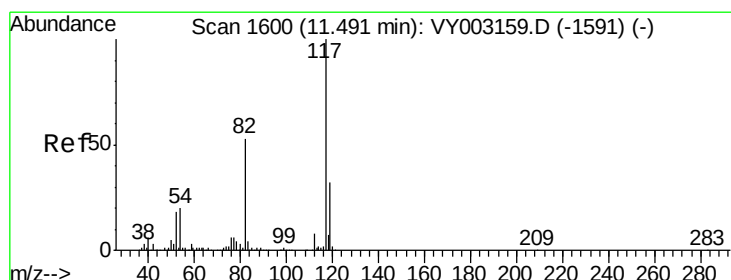
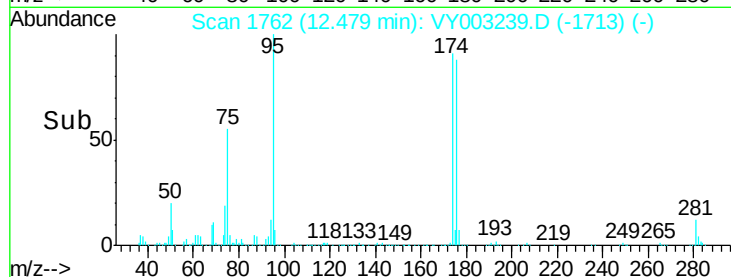
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY003239.D

Acq: 20 Jul 2020 18:07

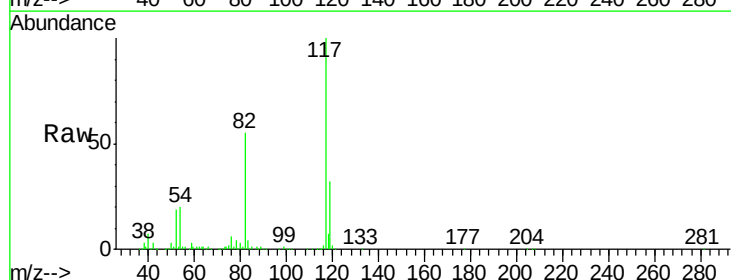
Tgt Ion: 117 Resp: 468005

Ion Ratio Lower Upper

117 100

82 54.7 42.0 63.0

119 32.5 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VY003239.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY003239.D (-1591) (-)

Ion 118.90 (118.60 to 119.60): VY003239.D (-1591) (-)

11.49

400000

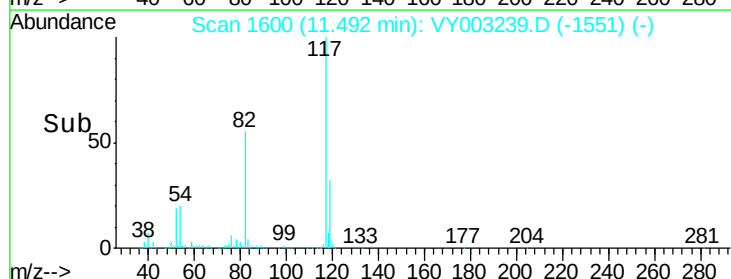
300000

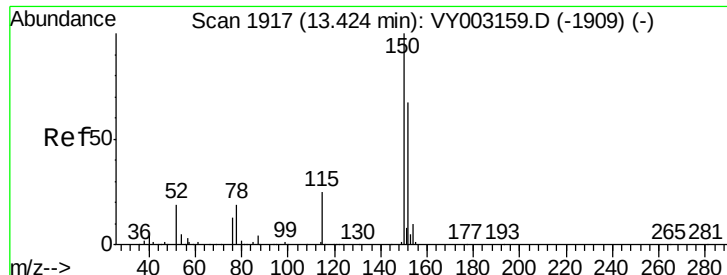
200000

100000

0

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003239.D

Acq: 20 Jul 2020 18:07

Instrument :

MSVOA_Y

ClientSampleId :

13

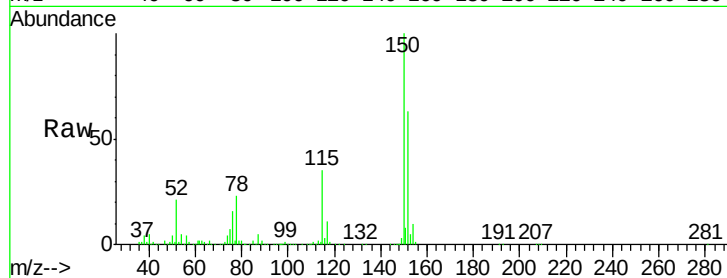
Tot Ion:152 Resp: 197464

Ion Ratio Lower Upper

152 100

115 55.1 26.9 80.7

150 157.4 0.0 338.0



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

