

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
 Data File : VY002955.D
 Acq On : 19 Jun 2020 22:10
 Operator : SY/MD
 Sample : L3030-01
 Misc : 7.27G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01(8-10)

Quant Time: Jun 20 05:14:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y061920S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 19 15:04:26 2020
 Response via : Initial Calibration

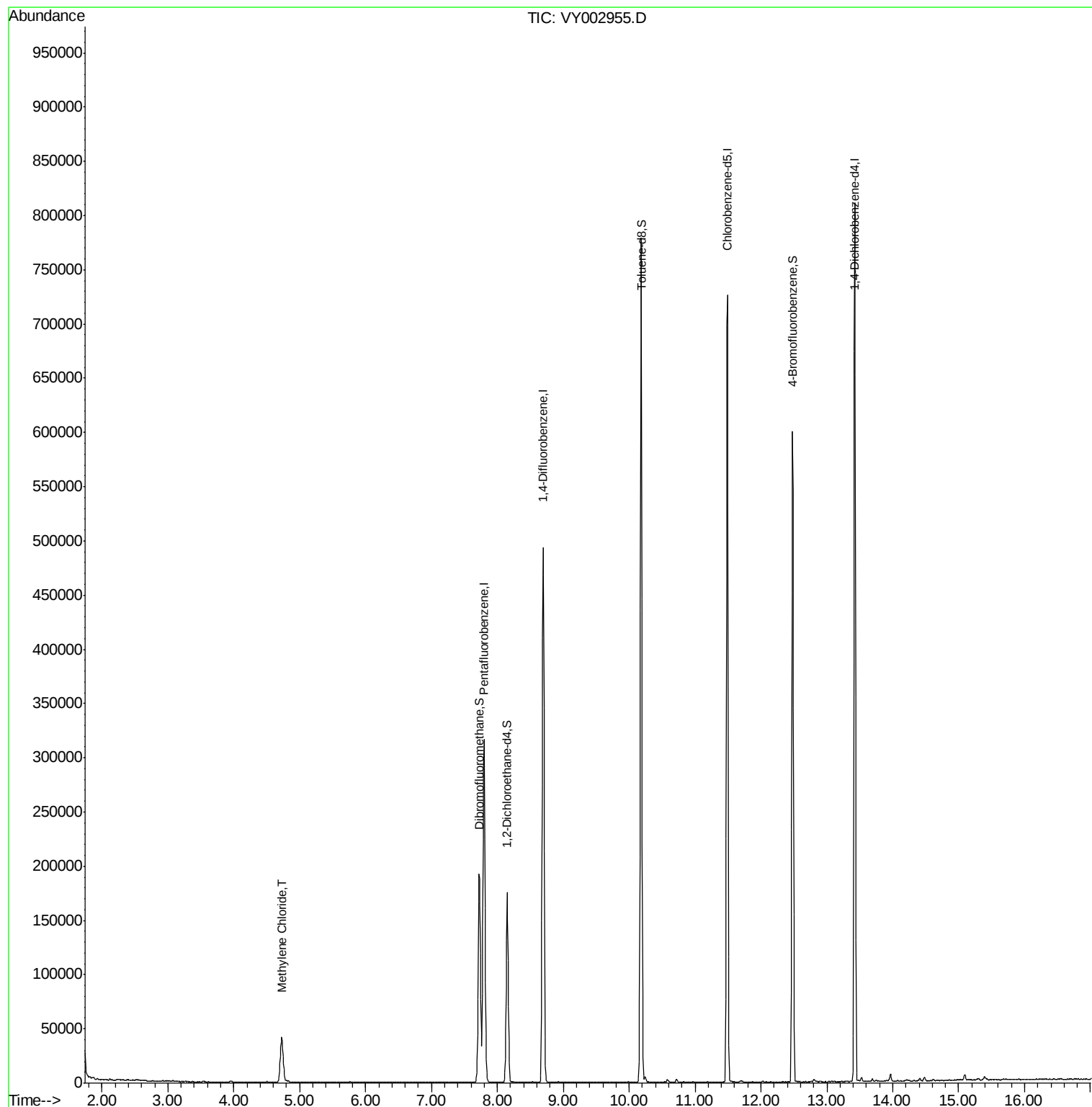
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	271885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	447195	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	423786	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	215728	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	133419	59.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.82%	
35) Dibromofluoromethane	7.72	113	139689	55.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.42%	
50) Toluene-d8	10.18	98	529741	53.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.20%	
62) 4-Bromofluorobenzene	12.48	95	182789	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.64%	
Target Compounds						
20) Methylene Chloride	4.72	84	34552	7.133	ug/l	Qvalue 93

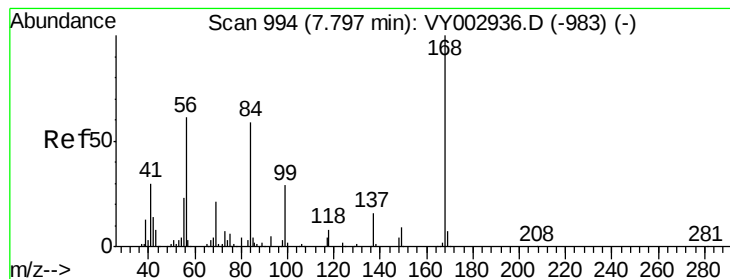
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY061920\
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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: VY002955.D

Acq: 19 Jun 2020 22:10

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MSVOA_Y

ClientSampleId :

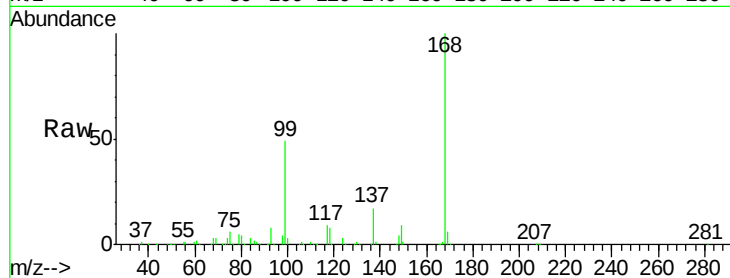
SB-01(8-10)

Tot Ion:168 Resp: 271885

Ion Ratio Lower Upper

168 100

99 48.8 39.5 59.3



Abundance Ion 167.90 (167.60 to 168.60): VY002936.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY002936.D (-983) (-)

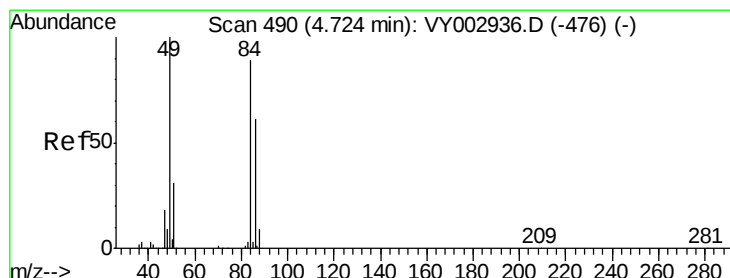
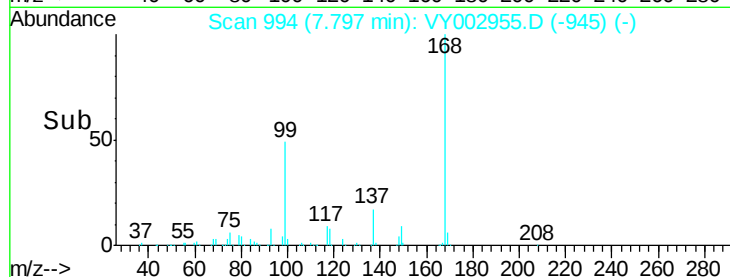
7.80

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 7.133 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY002955.D

Acq: 19 Jun 2020 22:10

Tgt Ion: 84 Resp: 34552

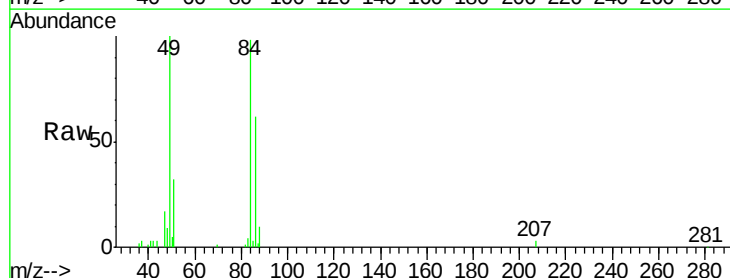
Ion Ratio Lower Upper

84 100

49 102.4 90.0 135.0

51 32.8 27.9 41.9

86 63.3 54.6 81.8



Abundance Ion 83.90 (83.60 to 84.60): VY002936.D (-476) (-)

Ion 48.90 (48.60 to 49.60): VY002936.D (-476) (-)

Ion 50.90 (50.60 to 51.60): VY002936.D (-476) (-)

Ion 85.90 (85.60 to 86.60): VY002936.D (-476) (-)

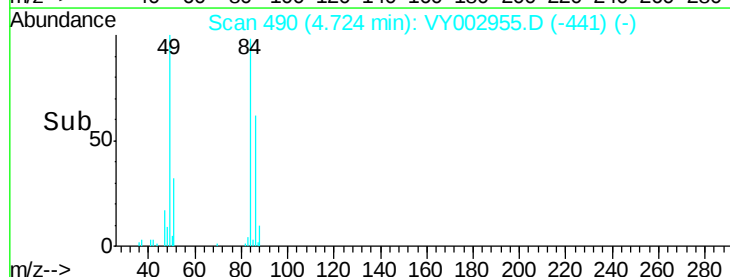
15000

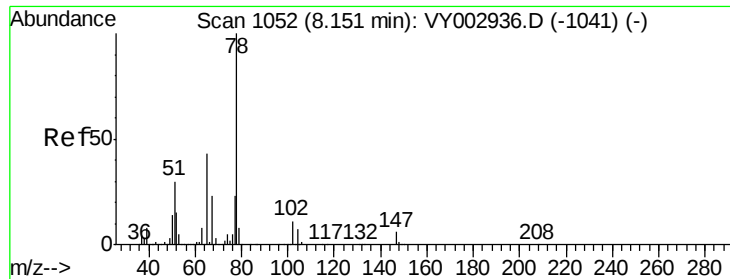
10000

5000

0

Time-->

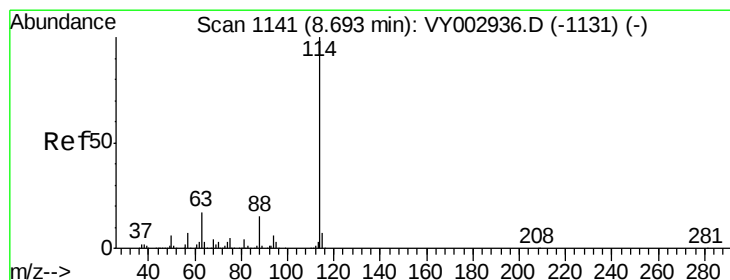
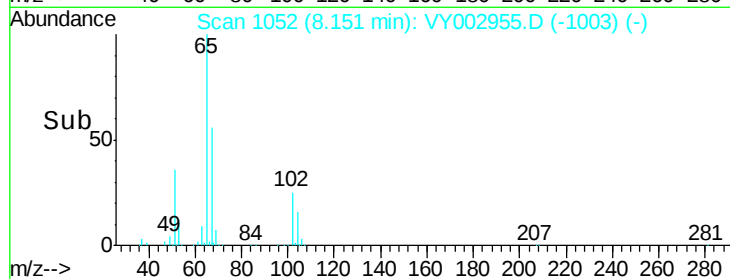
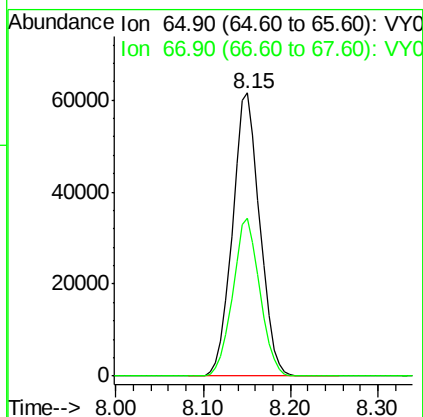
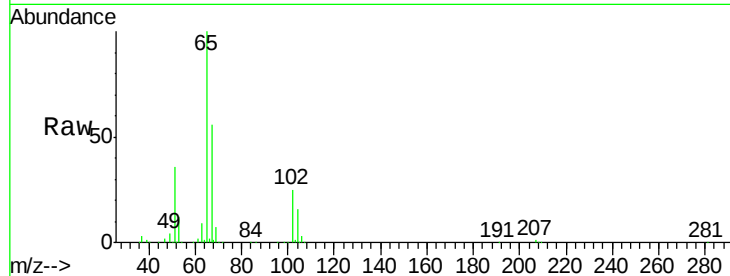




#33
 1,2-Dichloroethane-d4
 Concen: 59.410 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. 0.00 min
 Lab File: VY002955.D
 Acq: 19 Jun 2020 22:10

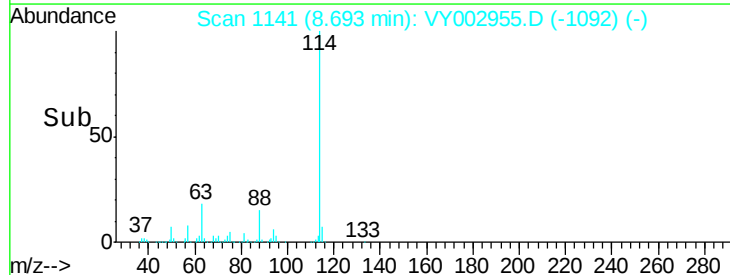
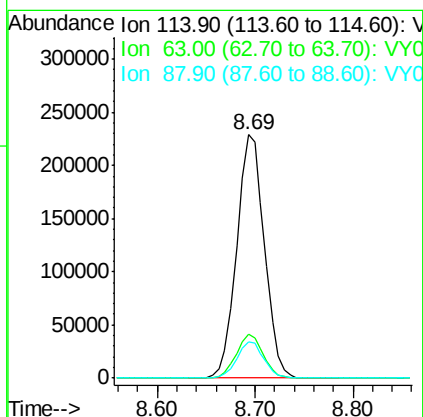
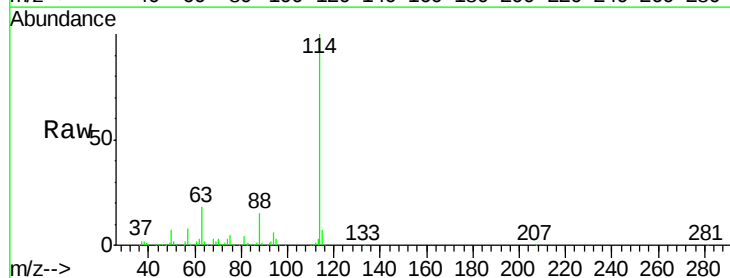
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01(8-10)

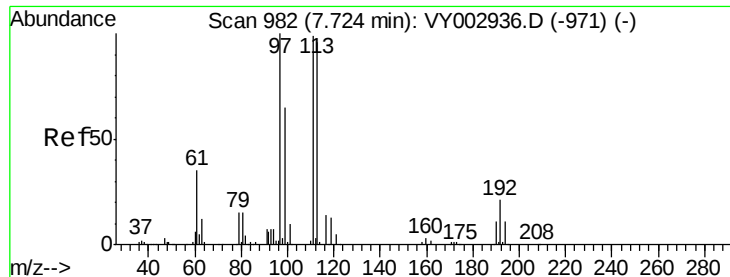
Tot Ion: 65 Resp: 133419
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. 0.00 min
 Lab File: VY002955.D
 Acq: 19 Jun 2020 22:10

Tgt Ion: 114 Resp: 447195
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.6
 88 14.8 0.0 29.2

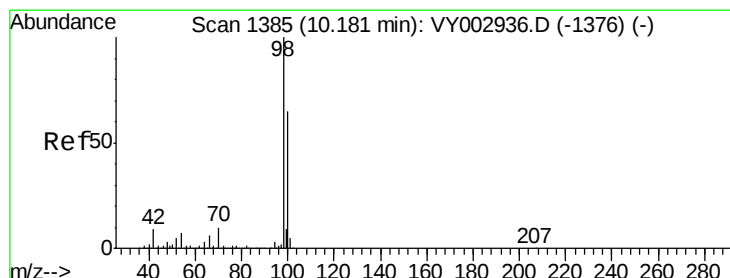
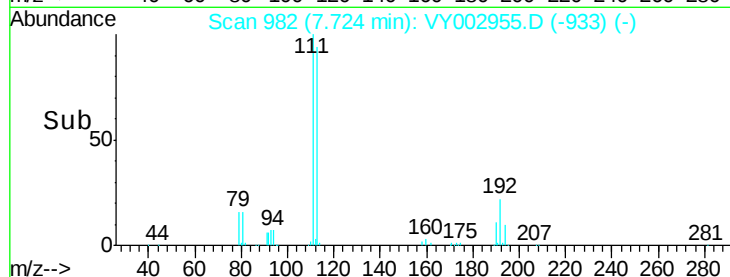
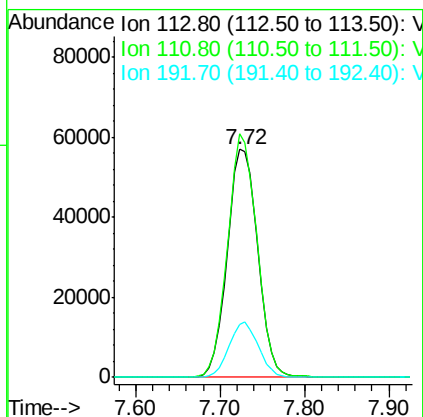
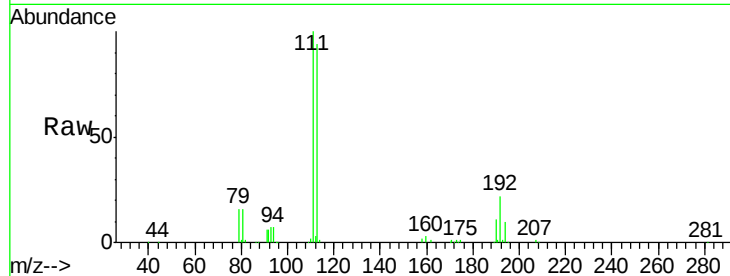




#35
Dibromofluoromethane
Concen: 55.206 ug/l
RT: 7.72 min Scan# 982
Delta R.T. 0.00 min
Lab File: VY002955.D
Acq: 19 Jun 2020 22:10

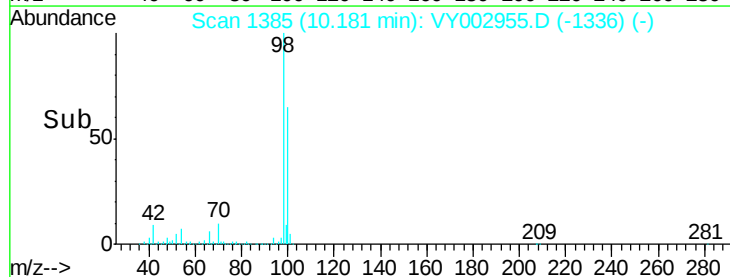
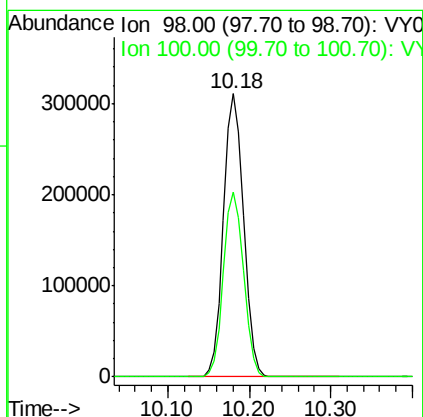
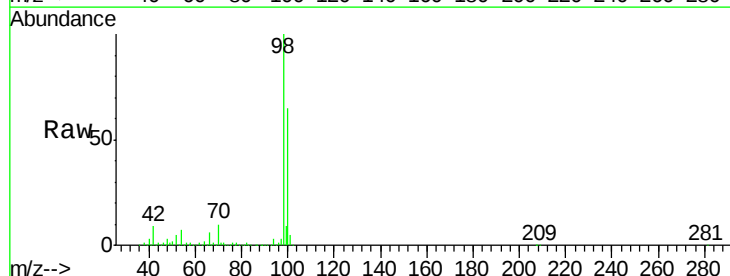
Instrument :
MSVOA_Y
ClientSampleId :
SB-01(8-10)

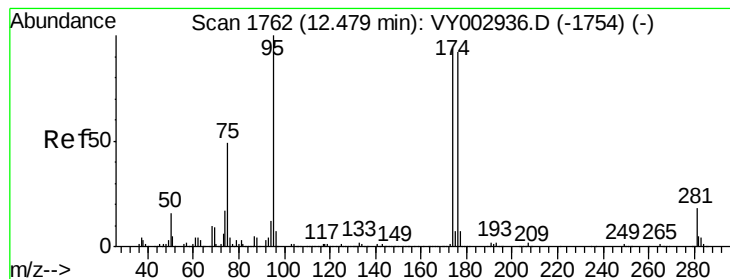
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.9	81.5	122.3
192	23.2	19.2	28.8



#50
Toluene-d8
Concen: 53.097 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VY002955.D
Acq: 19 Jun 2020 22:10

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	51.9	77.9





#62

4-Bromofluorobenzene

Concen: 52.817 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. 0.00 min

Lab File: VY002955.D

Acq: 19 Jun 2020 22:10

Instrument :

MSVOA_Y

ClientSampleId :

SB-01(8-10)

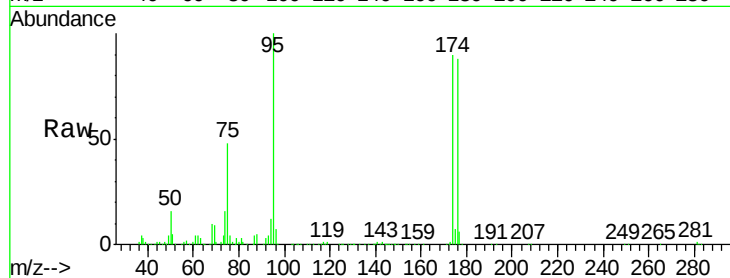
Tot Ion: 95 Resp: 182789

Ion Ratio Lower Upper

95 100

174 93.6 0.0 191.2

176 91.0 0.0 186.0



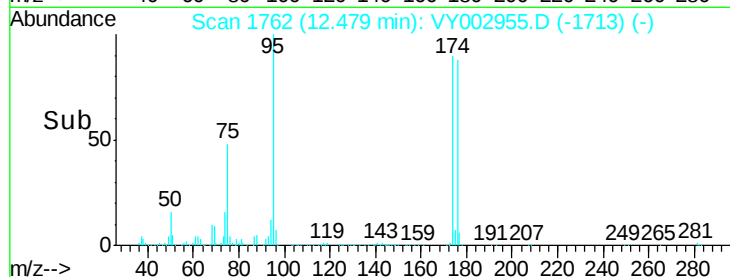
Abundance Ion 94.90 (94.60 to 95.60): VY002936.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY002936.D (-1754) (-)

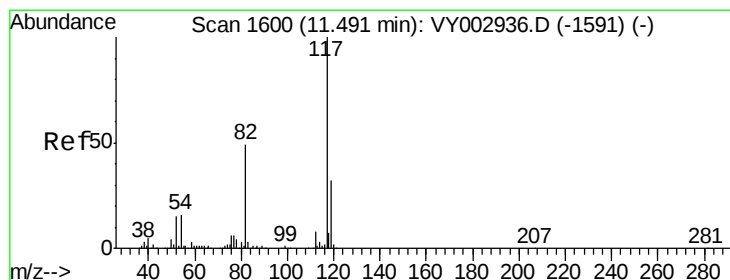
Ion 175.80 (175.50 to 176.50): VY002936.D (-1754) (-)

12.48

Time-->



Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VY002955.D

Acq: 19 Jun 2020 22:10

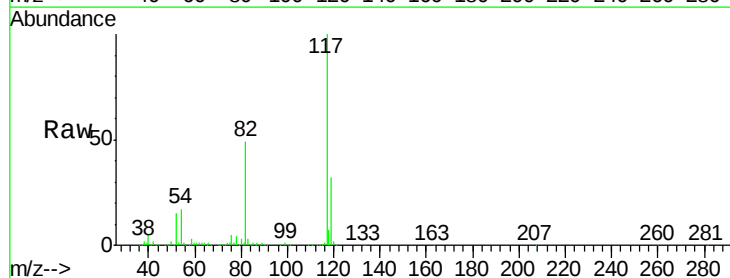
Tgt Ion: 117 Resp: 423786

Ion Ratio Lower Upper

117 100

82 49.4 39.4 59.0

119 31.5 25.4 38.0



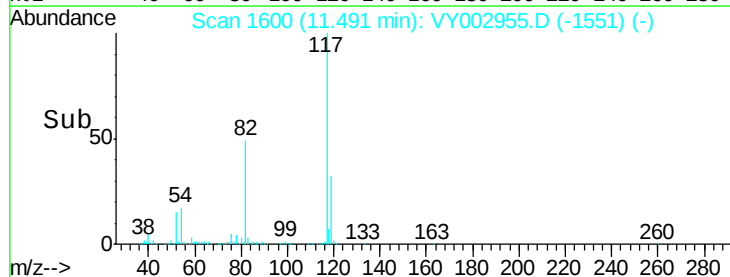
Abundance Ion 116.90 (116.60 to 117.60): VY002936.D (-1591) (-)

Ion 82.00 (81.70 to 82.70): VY002936.D (-1591) (-)

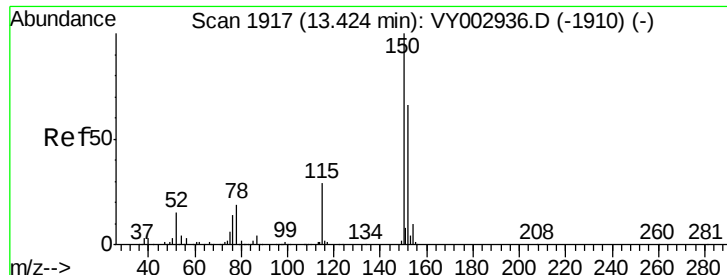
Ion 118.90 (118.60 to 119.60): VY002936.D (-1591) (-)

11.49

Time-->



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: VY002955.D

Acq: 19 Jun 2020 22:10

Instrument :

MSVOA_Y

ClientSampleId :

SB-01(8-10)

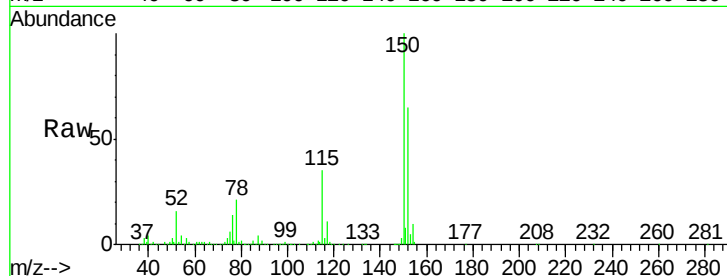
Tot Ion:152 Resp: 215728

Ion Ratio Lower Upper

152 100

115 53.8 26.9 80.6

150 155.9 0.0 341.8



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

