

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY072020\
 Data File : VY003238.D
 Acq On : 20 Jul 2020 17:44
 Operator : SY/MD
 Sample : L3308-12
 Misc : 5.07G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 12RE

Quant Time: Jul 21 04:48:50 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

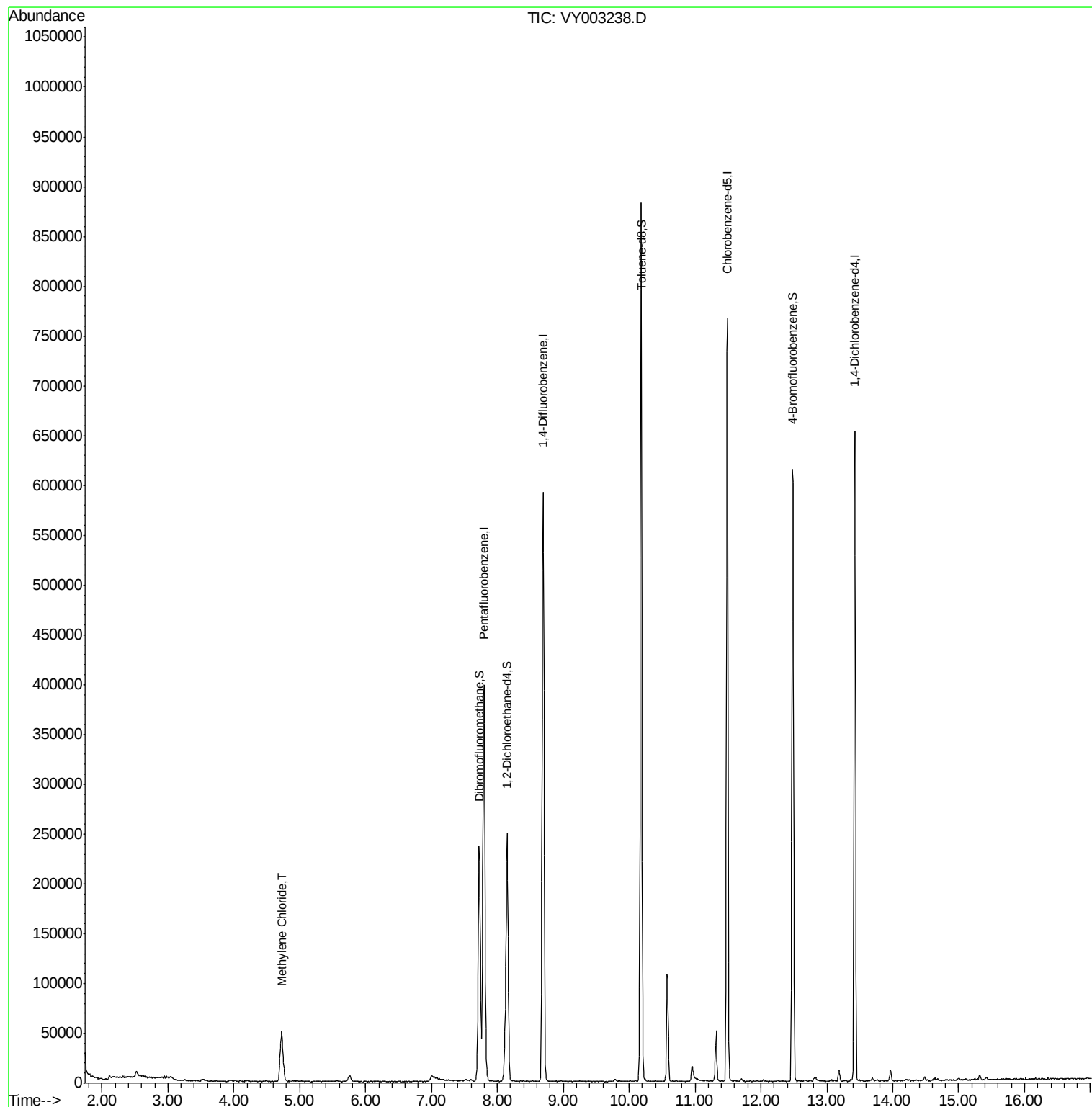
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	323281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	492084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	413193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	165616	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.14	65	184379	67.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	135.14%	
35) Dibromofluoromethane	7.72	113	162193	57.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.56%	
50) Toluene-d8	10.18	98	574558	54.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.14%	
62) 4-Bromofluorobenzene	12.48	95	168235	44.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.46%	
Target Compounds						
20) Methylene Chloride	4.72	84	36475	7.189	ug/l	Qvalue 92

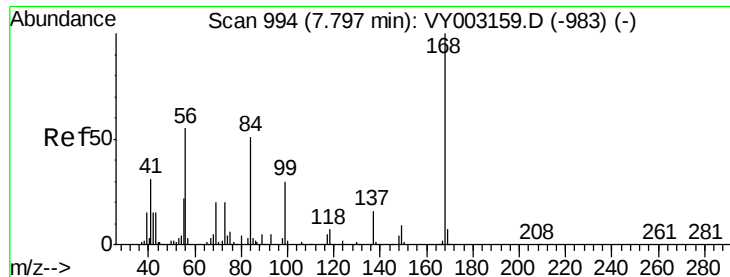
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.00 min

Lab File: VY003238.D

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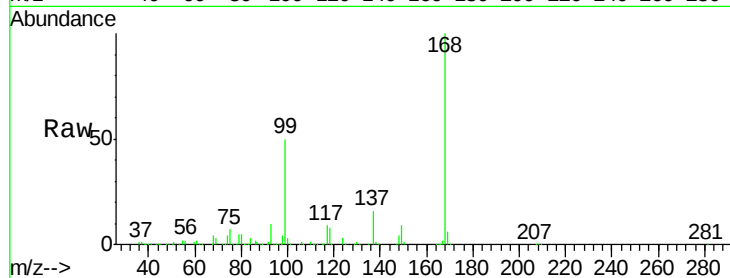
Instrument :
MSVOA_Y
ClientSampleId :
12RE

Tot Ion:168 Resp: 323281

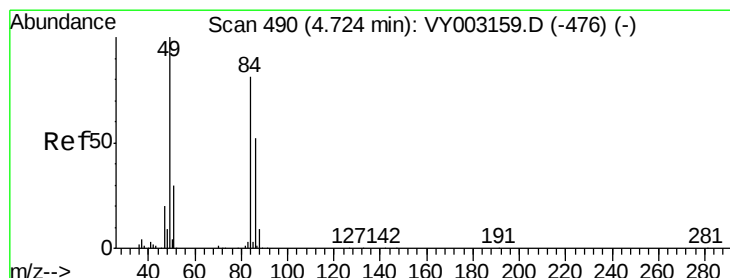
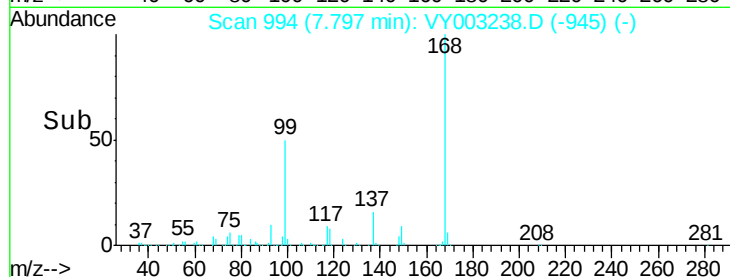
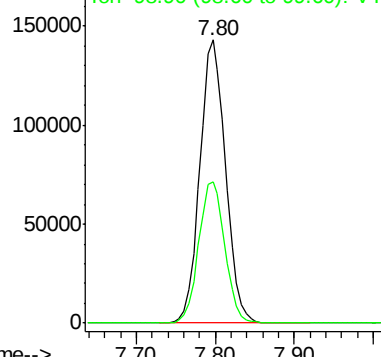
Ion Ratio Lower Upper

168 100

99 49.8 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY003238.D (-945) (-)



#20

Methylene Chloride

Concen: 7.189 ug/l

RT: 4.72 min Scan# 490

Delta R.T. 0.00 min

Lab File: VY003238.D

Acq: 20 Jul 2020 17:44

Tgt Ion: 84 Resp: 36475

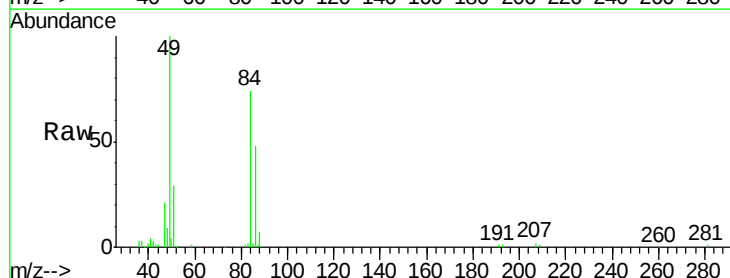
Ion Ratio Lower Upper

84 100

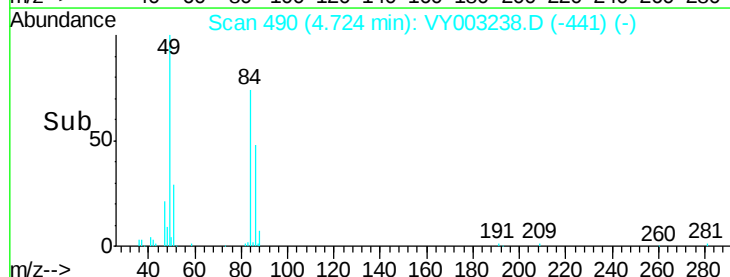
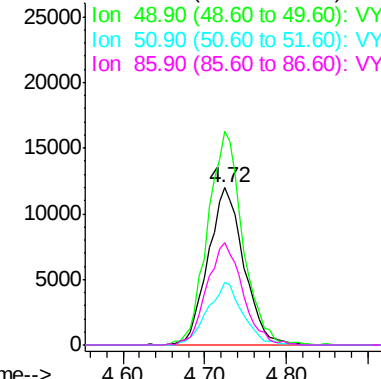
49 135.9 98.2 147.4

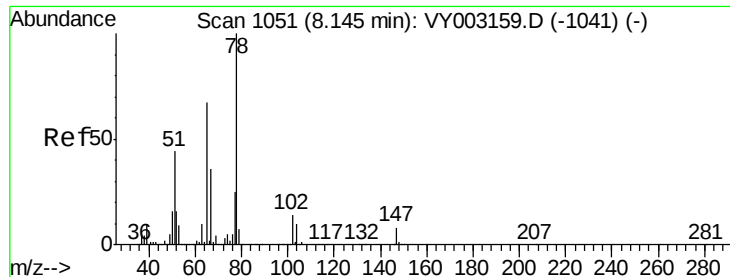
51 39.8 29.8 44.6

86 65.3 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VY003238.D (-441) (-)

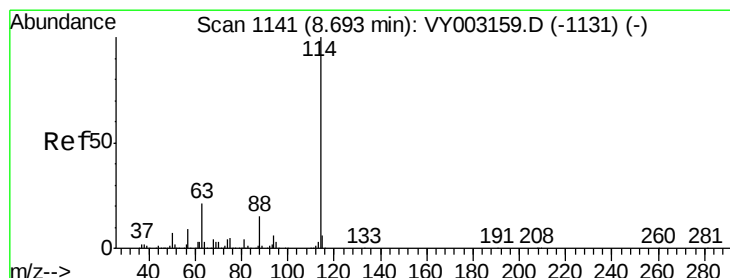
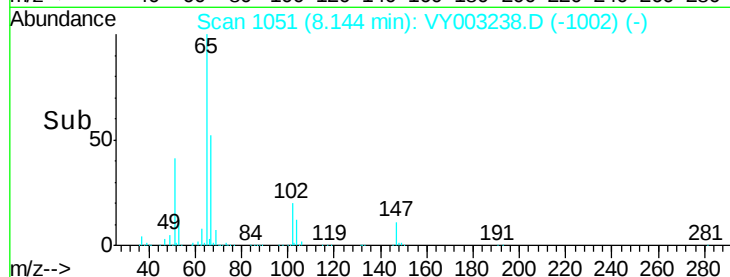
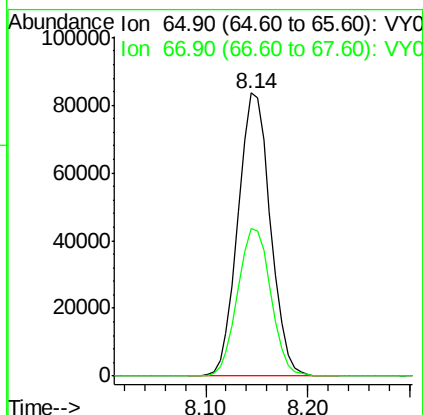
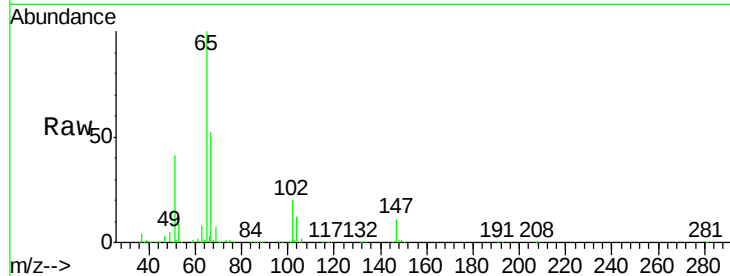




#33
 1,2-Dichloroethane-d4
 Concen: 67.573 ug/l
 RT: 8.14 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VY003238.D
 Acq: 20 Jul 2020 17:44

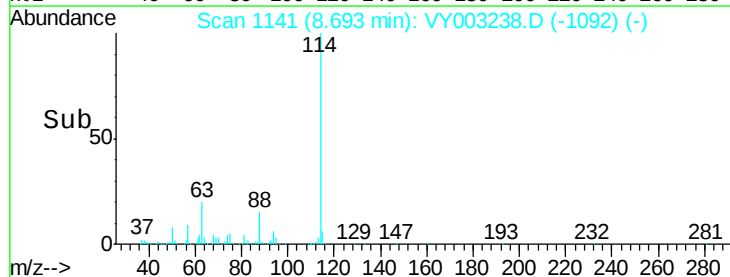
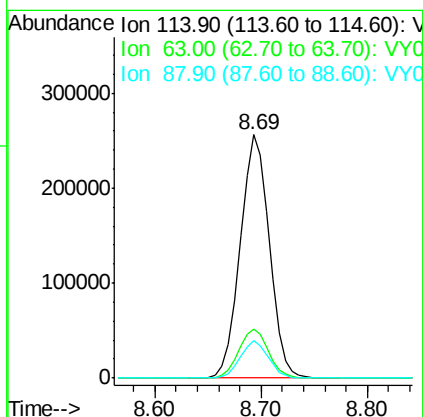
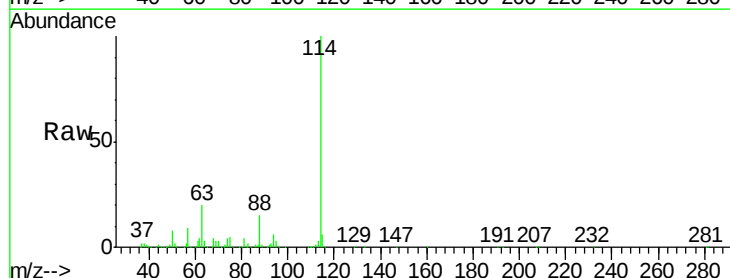
Instrument :
 MSVOA_Y
 ClientSampleId :
 12RE

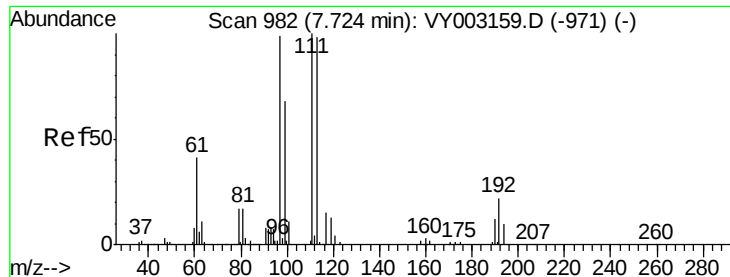
Tot Ion: 65 Resp: 184379
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 105.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: VY003238.D
 Acq: 20 Jul 2020 17:44

Tgt Ion: 114 Resp: 492084
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.2
 88 15.2 0.0 30.2

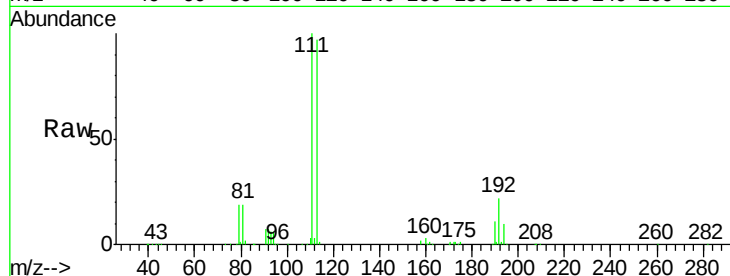




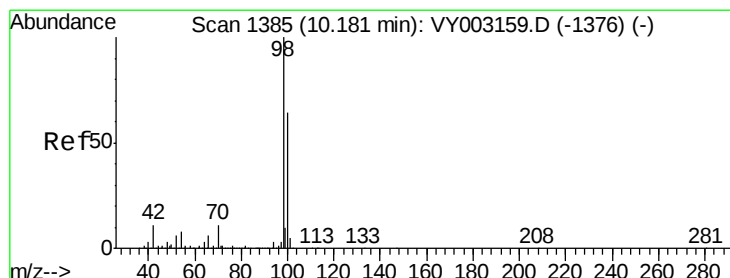
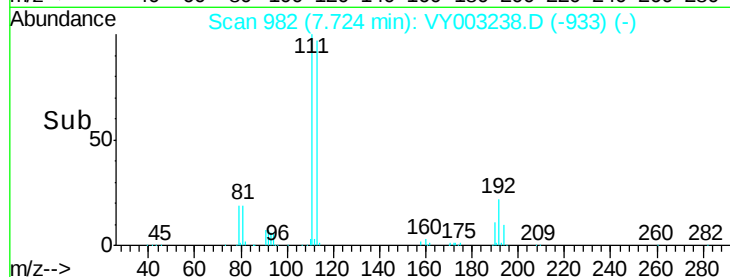
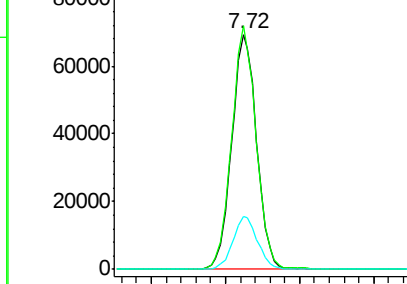
#35
Dibromofluoromethane
Concen: 57.275 ug/l
RT: 7.72 min Scan# 982
Delta R.T. -0.00 min
Lab File: VY003238.D
Acq: 20 Jul 2020 17:44

Instrument :
MSVOA_Y
ClientSampleId :
12RE

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.1	123.1
192	22.2	18.8	28.2

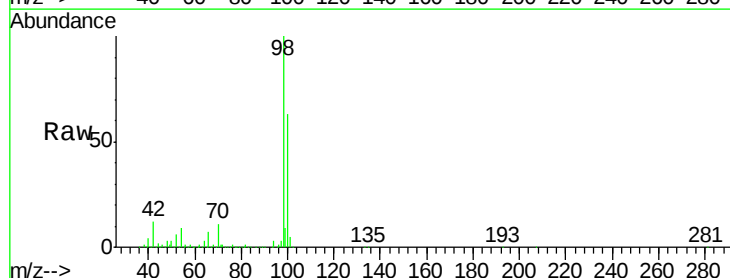


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

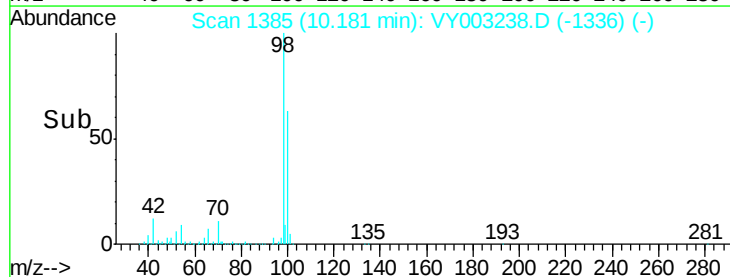
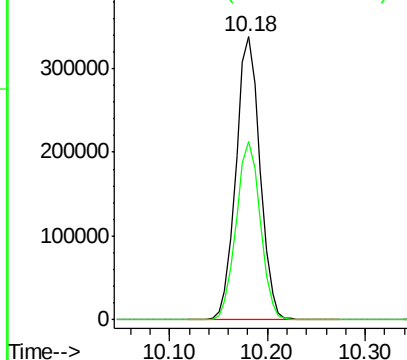


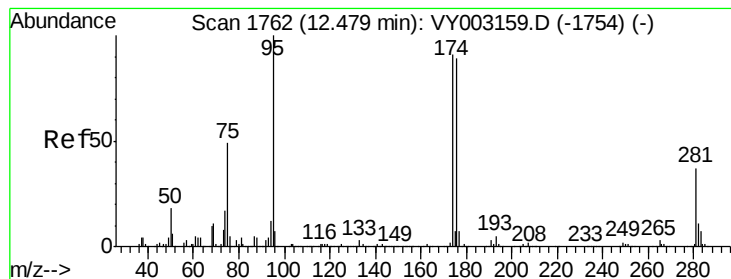
#50
Toluene-d8
Concen: 54.573 ug/l
RT: 10.18 min Scan# 1385
Delta R.T. -0.00 min
Lab File: VY003238.D
Acq: 20 Jul 2020 17:44

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.5	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: 44.232 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VY003238.D

Acq: 20 Jul 2020 17:44

Instrument :

MSVOA_Y

ClientSampleId :

12RE

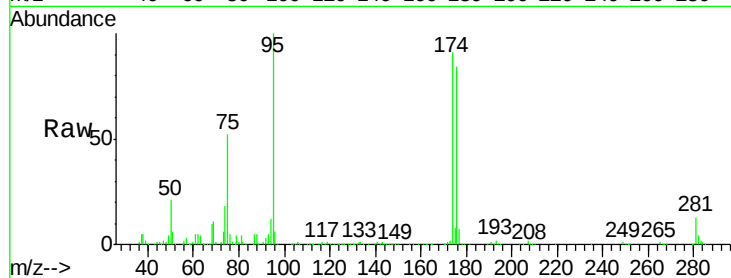
Tot Ion: 95 Resp: 168235

Ion Ratio Lower Upper

95 100

174 94.1 0.0 190.6

176 89.9 0.0 186.4



Abundance Ion 94.90 (94.60 to 95.60): VY003238.D (-1754) (-)

Ion 173.80 (173.50 to 174.50): VY003238.D (-1754) (-)

Ion 175.80 (175.50 to 176.50): VY003238.D (-1754) (-)

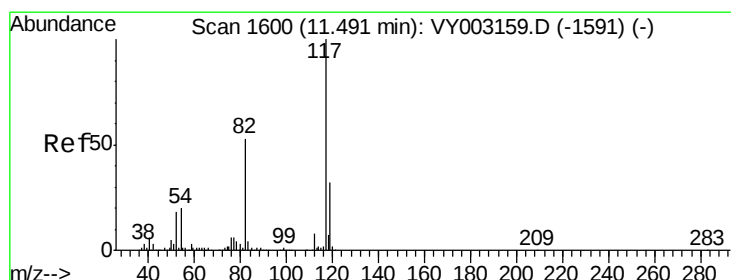
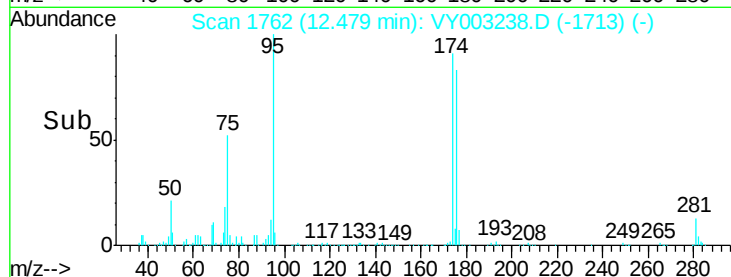
12.48

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: VY003238.D

Acq: 20 Jul 2020 17:44

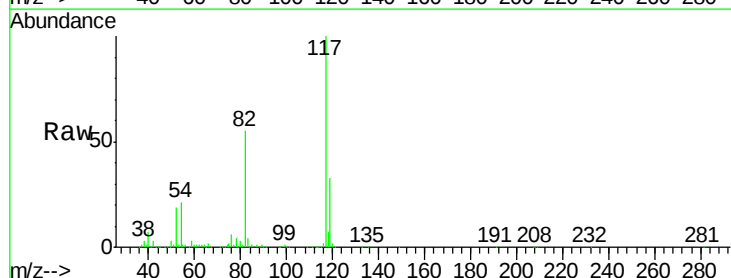
Tgt Ion: 117 Resp: 413193

Ion Ratio Lower Upper

117 100

82 54.6 42.0 63.0

119 32.5 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): VY003238.D (-1551) (-)

Ion 82.00 (81.70 to 82.70): VY003238.D (-1551) (-)

Ion 118.90 (118.60 to 119.60): VY003238.D (-1551) (-)

11.49

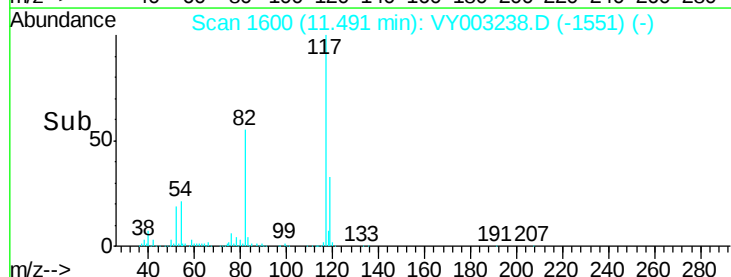
300000

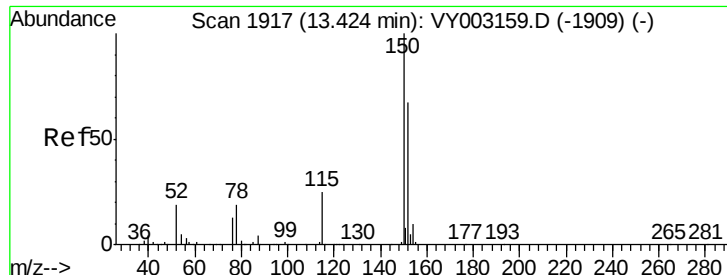
200000

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: VY003238.D

Acq: 20 Jul 2020 17:44

Instrument :

MSVOA_Y

ClientSampleId :

12RE

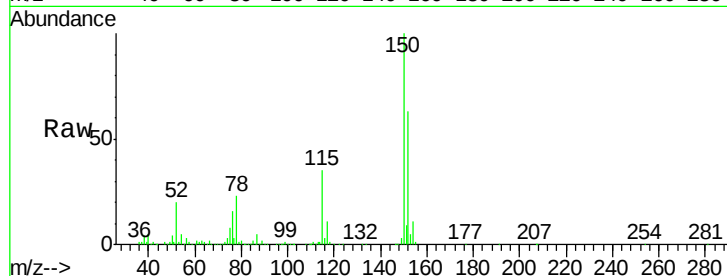
Tot Ion:152 Resp: 165616

Ion Ratio Lower Upper

152 100

115 55.3 26.9 80.7

150 156.0 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

