

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY051220\
 Data File : VY002665.D
 Acq On : 12 May 2020 13:54
 Operator : SY/MD
 Sample : L2593-02
 Misc : 5.74G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-057-A

Quant Time: May 13 02:49:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y043020S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 04 12:22:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	357722	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	555411	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	488468	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	216303	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	149517	49.71	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	99.42%	
35) Dibromofluoromethane	7.72	113	165918	52.23	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	104.46%	
50) Toluene-d8	10.18	98	643111	51.85	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	103.70%	
62) 4-Bromofluorobenzene	12.48	95	202075	48.01	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	96.02%	

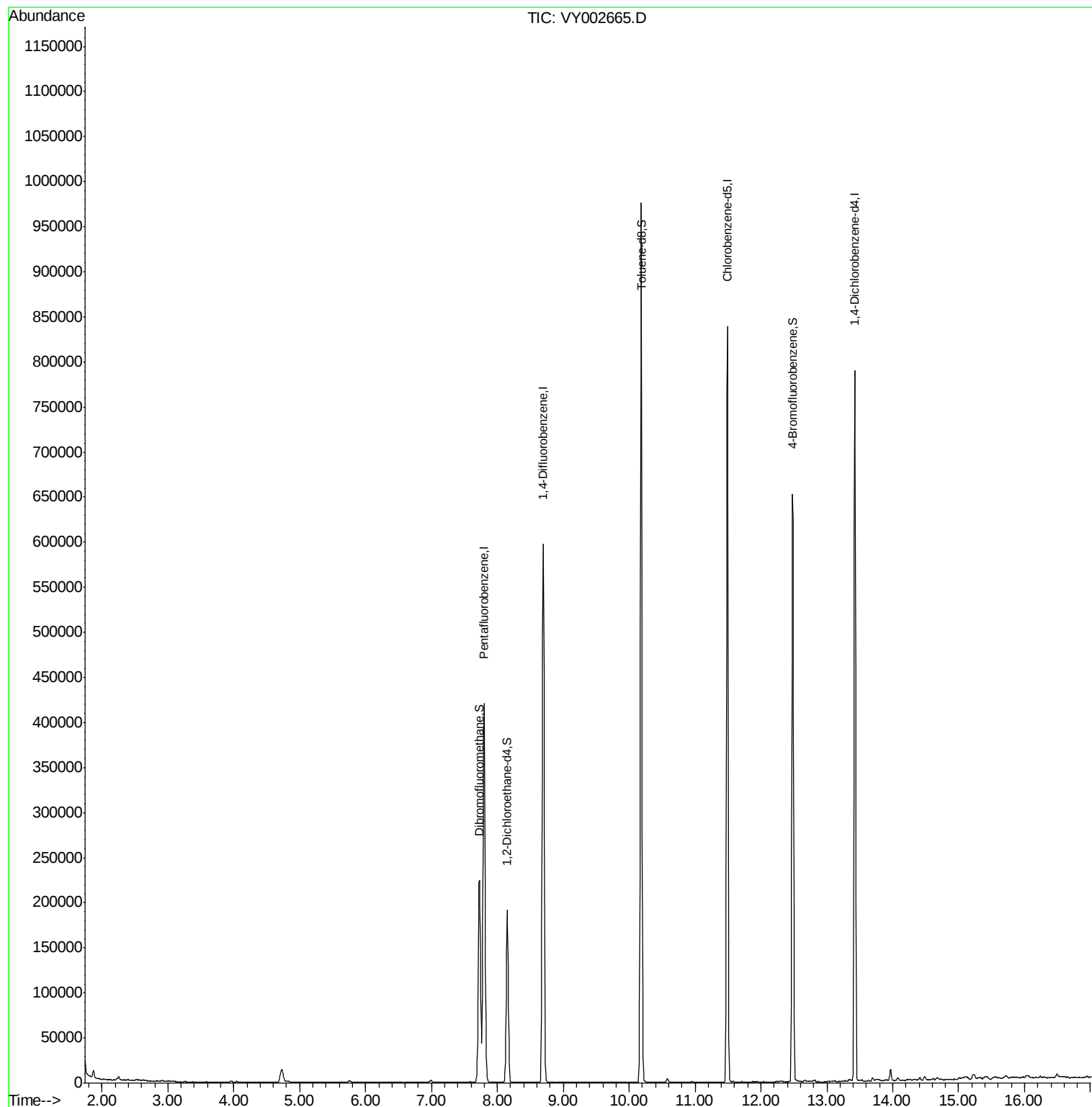
Target Compounds Qvalue

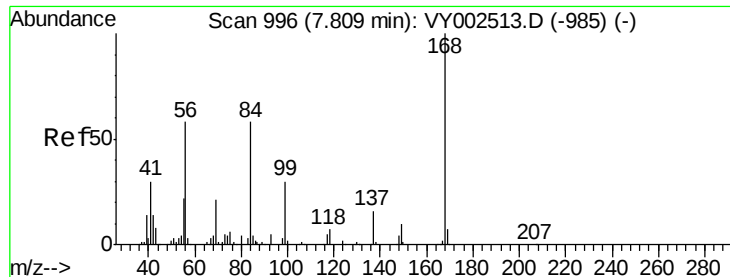
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002665.D

Acq: 12 May 2020 13:54

Instrument :

MSVOA_Y

ClientSampleId :

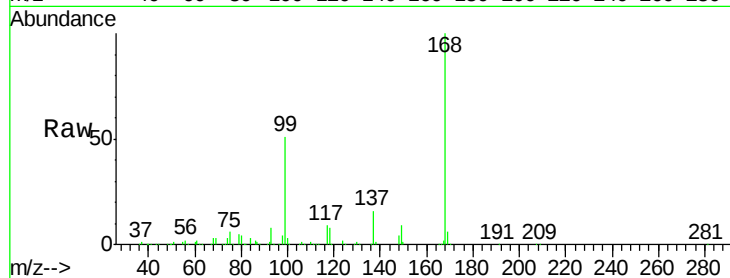
FK-GF-02-057-A

Tot Ion:168 Resp: 357722

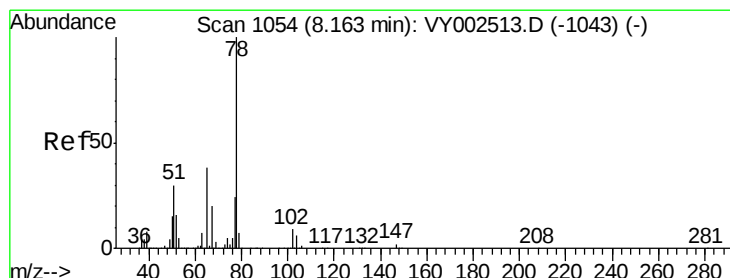
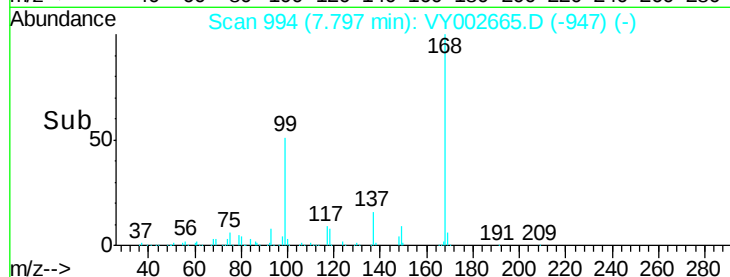
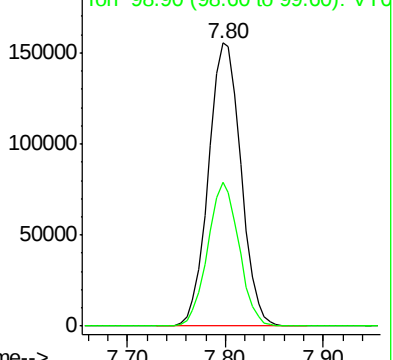
Ion Ratio Lower Upper

168 100

99 50.6 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): VY002513.D (-985) (-)



#33

1,2-Dichloroethane-d4

Concen: 49.710 ug/l

RT: 8.15 min Scan# 1052

Delta R.T. -0.01 min

Lab File: VY002665.D

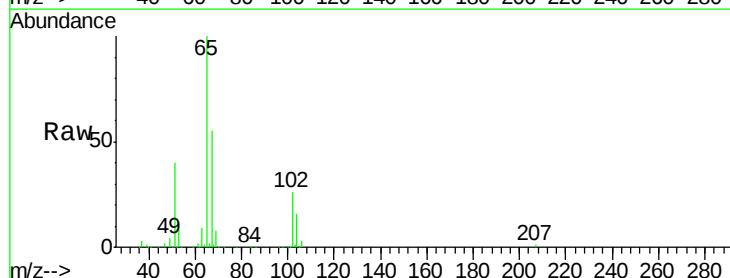
Acq: 12 May 2020 13:54

Tgt Ion: 65 Resp: 149517

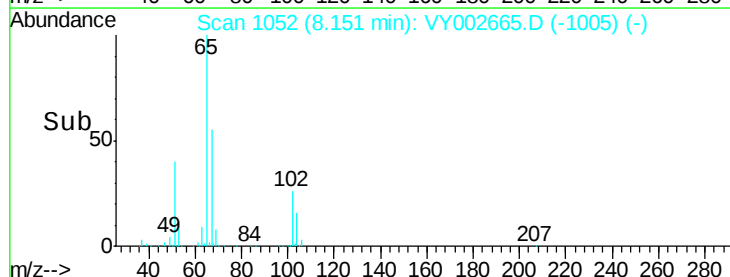
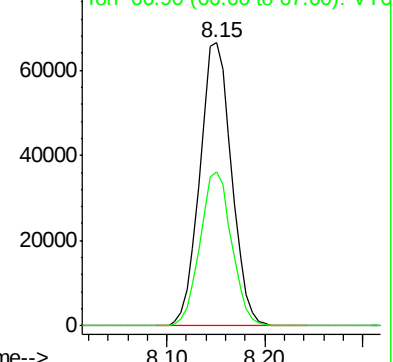
Ion Ratio Lower Upper

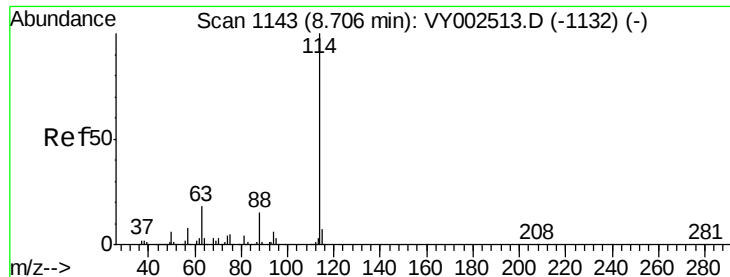
65 100

67 54.2 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VY002513.D (-1043) (-)

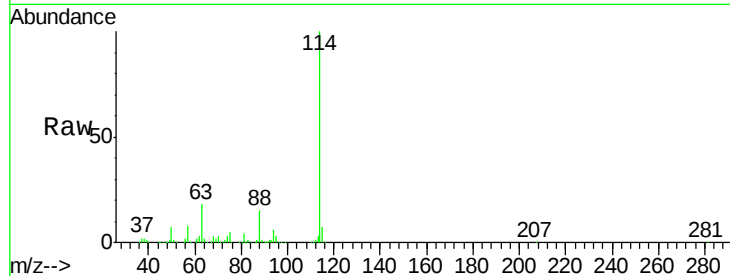




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.69 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: VY002665.D
 Acq: 12 May 2020 13:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-057-A

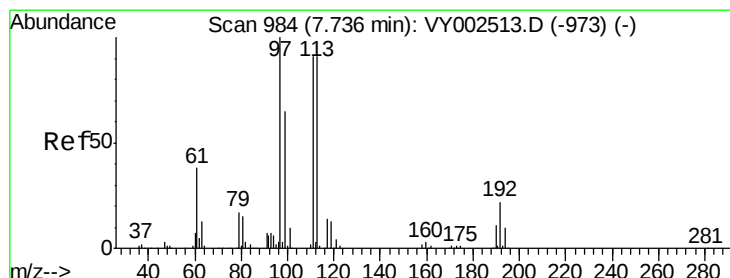
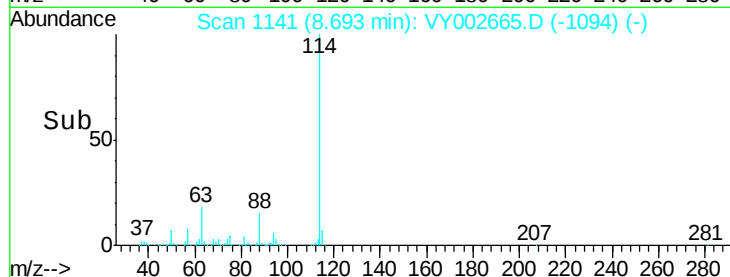
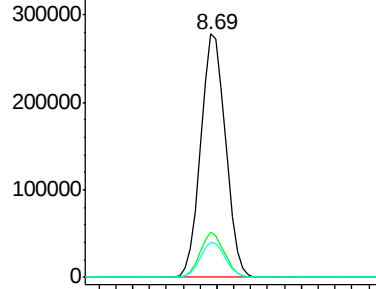
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.4	0.0	36.4
88	14.6	0.0	29.6



Abundance Ion 113.90 (113.60 to 114.60): V

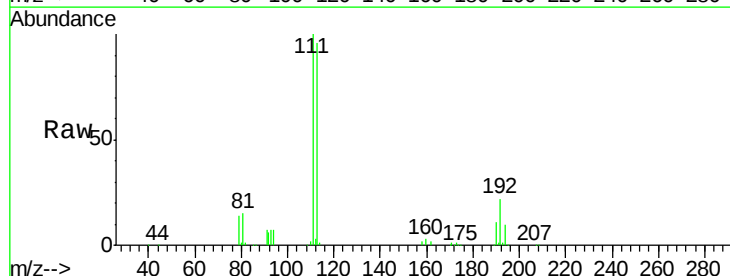
Ion 63.00 (62.70 to 63.70): VY0

Ion 87.90 (87.60 to 88.60): VY0



#35
 Dibromofluoromethane
 Concen: 52.234 ug/l
 RT: 7.72 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: VY002665.D
 Acq: 12 May 2020 13:54

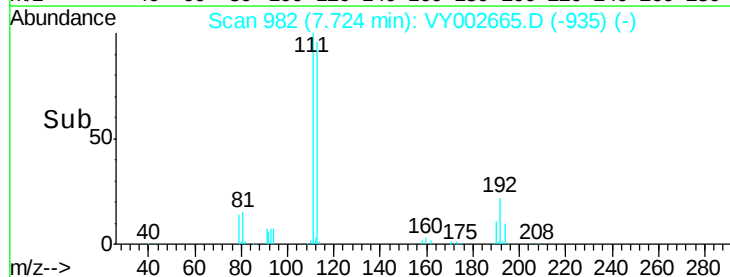
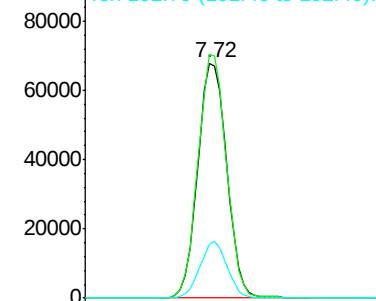
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.2	81.8	122.6
192	22.5	18.2	27.4

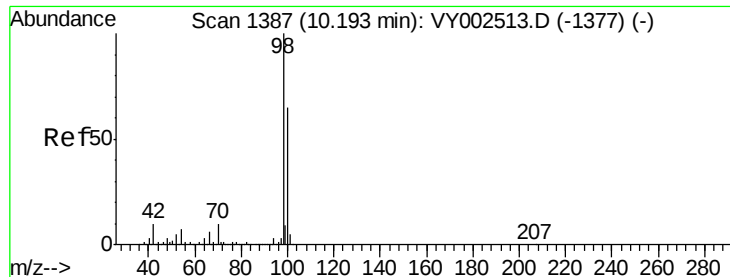


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.846 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. -0.01 min

Lab File: VY002665.D

Acq: 12 May 2020 13:54

Instrument :

MSVOA_Y

ClientSampleId :

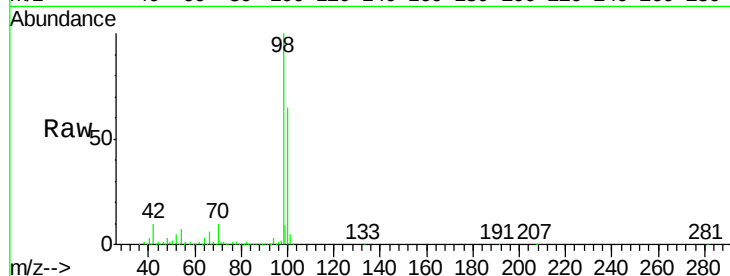
FK-GF-02-057-A

Tot Ion: 98 Resp: 643111

Ion Ratio Lower Upper

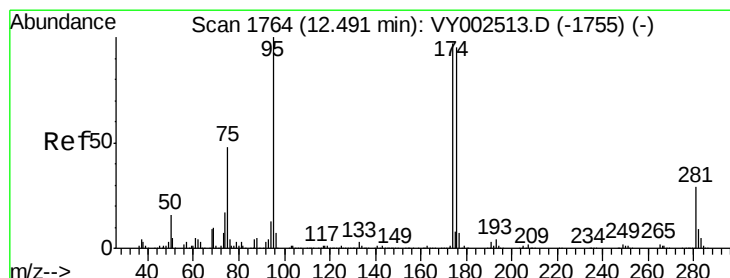
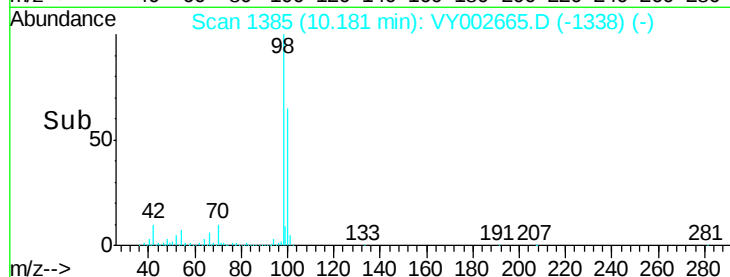
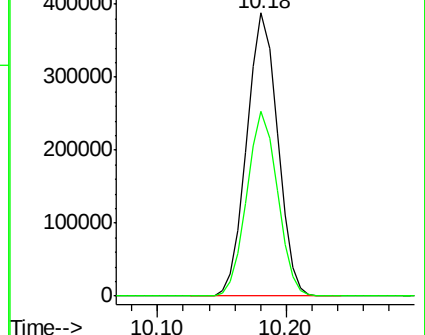
98 100

100 64.8 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY



#62

4-Bromofluorobenzene

Concen: 48.009 ug/l

RT: 12.48 min Scan# 1762

Delta R.T. -0.01 min

Lab File: VY002665.D

Acq: 12 May 2020 13:54

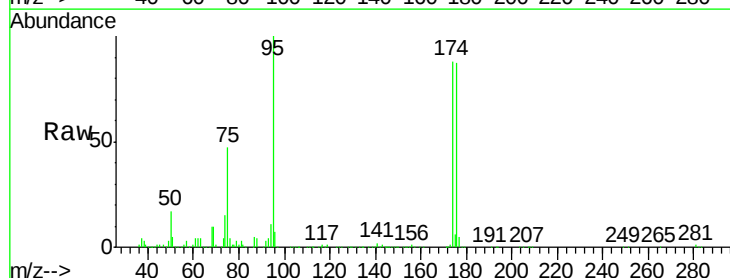
Tgt Ion: 95 Resp: 202075

Ion Ratio Lower Upper

95 100

174 91.8 0.0 188.8

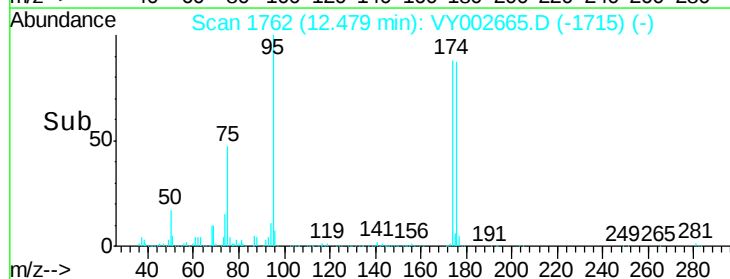
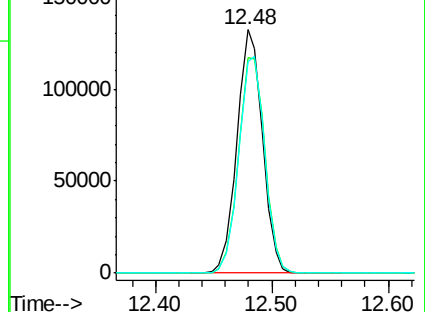
176 90.5 0.0 183.2

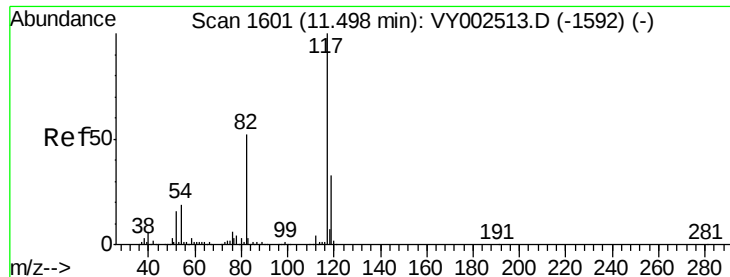


Abundance Ion 94.90 (94.60 to 95.60): VY0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

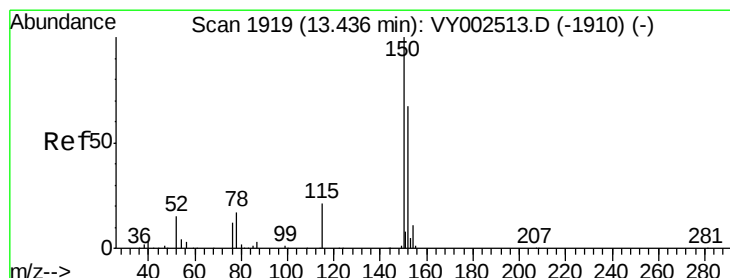
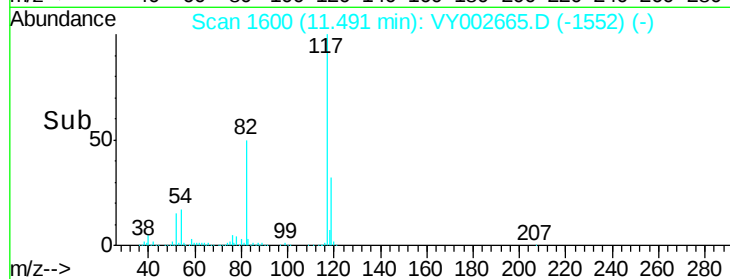
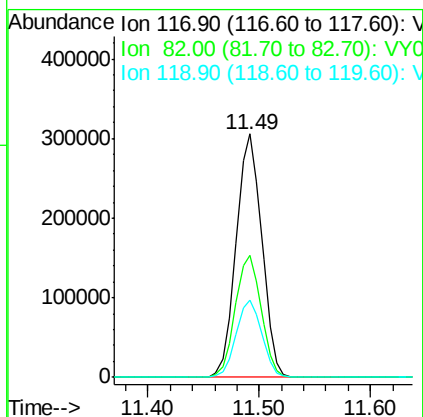
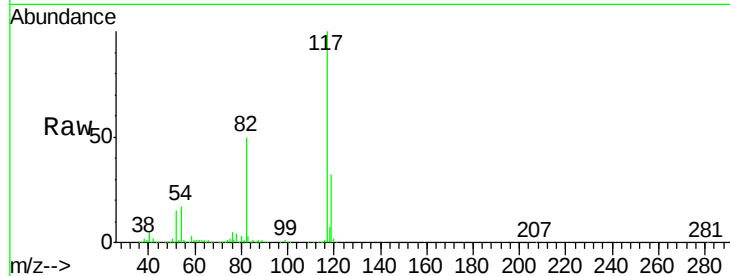




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY002665.D
Acq: 12 May 2020 13:54

Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-057-A

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.3	41.3	61.9
119	32.0	26.0	39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY002665.D
Acq: 12 May 2020 13:54

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.3	27.5	82.4
150	157.1	0.0	346.4

