

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002202.D
 Acq On : 02 Apr 2020 18:58
 Operator : SY/MD
 Sample : L2147-04
 Misc : 4.55G/5ML/MSVOA Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-056-B

Quant Time: Apr 03 07:00:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y032620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 07:11:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	122261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	242863	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	224691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	94062	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	80208	59.34	ug/l	0.00
Spiked Amount			Recovery	=	118.68%	
35) Dibromofluoromethane	7.74	113	73486	54.00	ug/l	0.00
Spiked Amount			Recovery	=	108.00%	
50) Toluene-d8	10.19	98	299293	52.94	ug/l	0.00
Spiked Amount			Recovery	=	105.88%	
62) 4-Bromofluorobenzene	12.49	95	101364	51.27	ug/l	0.00
Spiked Amount			Recovery	=	102.54%	

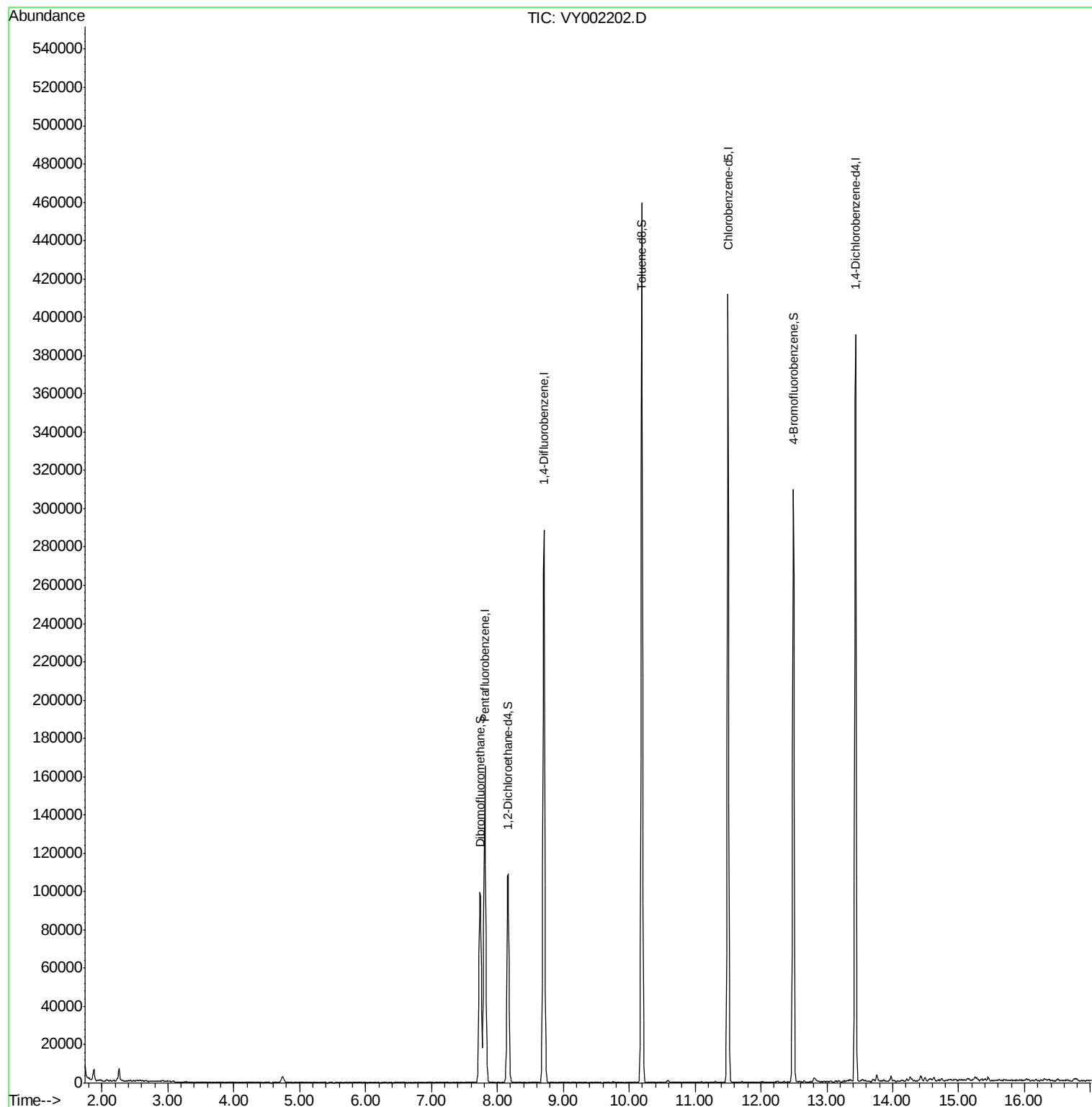
Target Compounds	Qvalue
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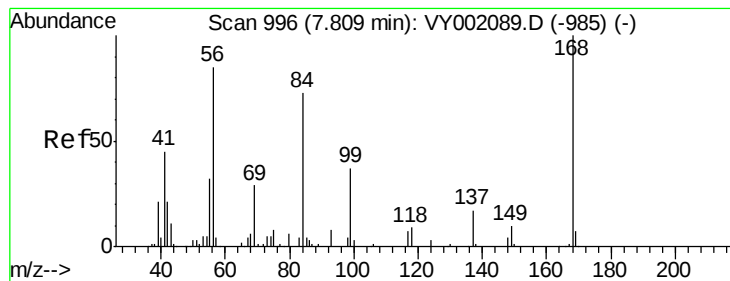
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.00 min

Lab File: VY002202.D

Acq: 02 Apr 2020 18:58

Instrument :

MSVOA_Y

ClientSampleId :

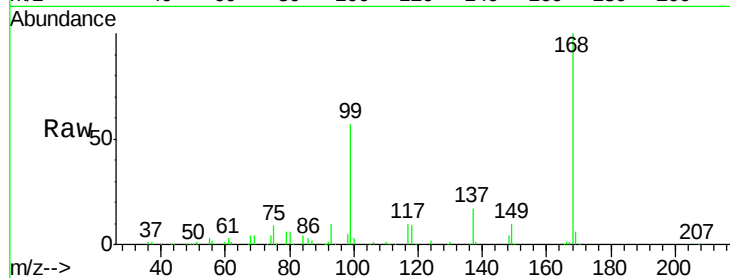
FK-GF-02-056-B

Tot Ion:168 Resp: 122261

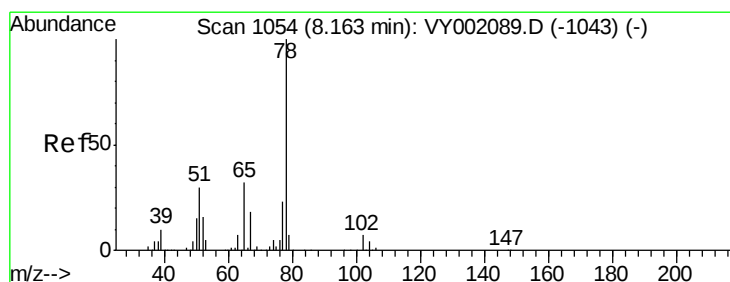
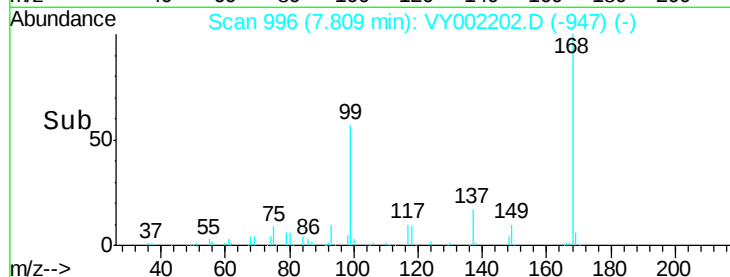
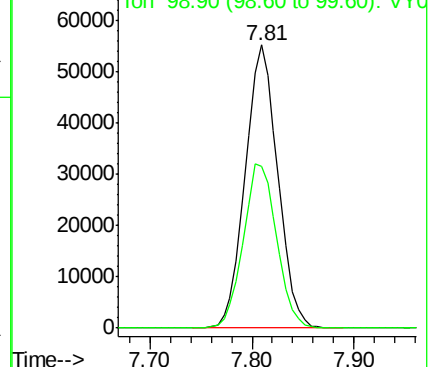
Ion Ratio Lower Upper

168 100

99 57.2 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002202.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 59.345 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.00 min

Lab File: VY002202.D

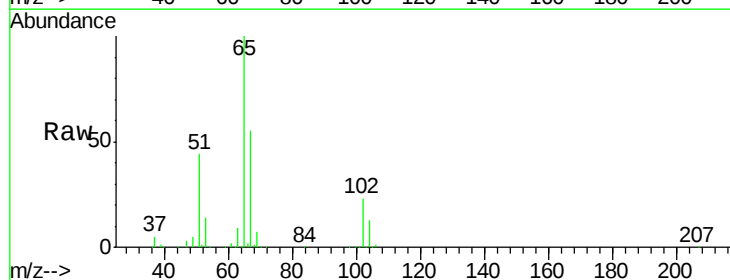
Acq: 02 Apr 2020 18:58

Tgt Ion: 65 Resp: 80208

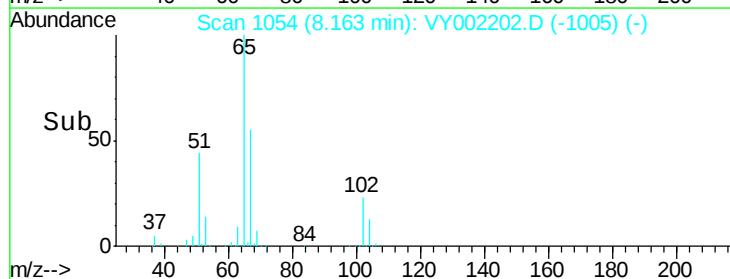
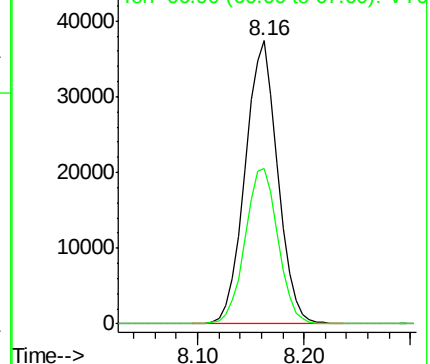
Ion Ratio Lower Upper

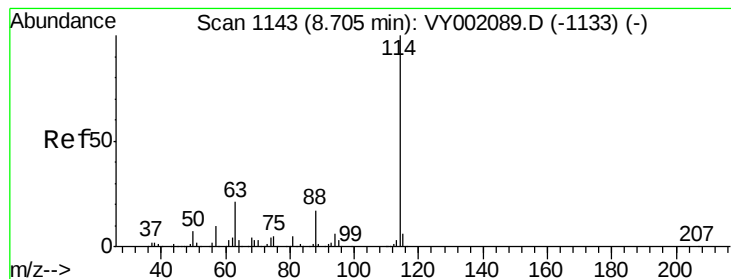
65 100

67 55.6 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002202.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.00 min

Lab File: VY002202.D

Acq: 02 Apr 2020 18:58

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-056-B

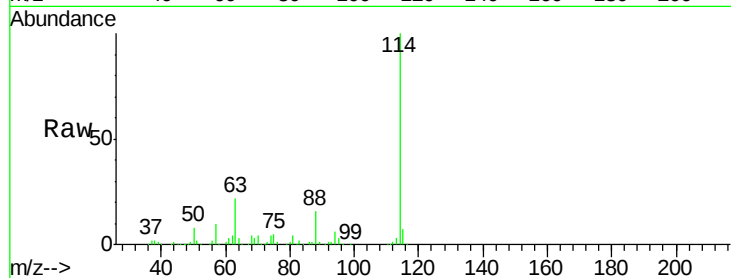
Tot Ion:114 Resp: 242863

Ion Ratio Lower Upper

114 100

63 22.1 0.0 41.4

88 15.7 0.0 33.0



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

8.71

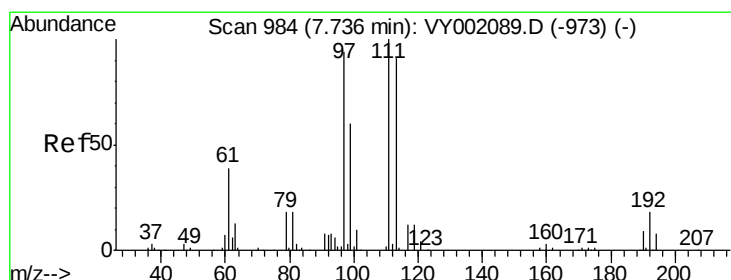
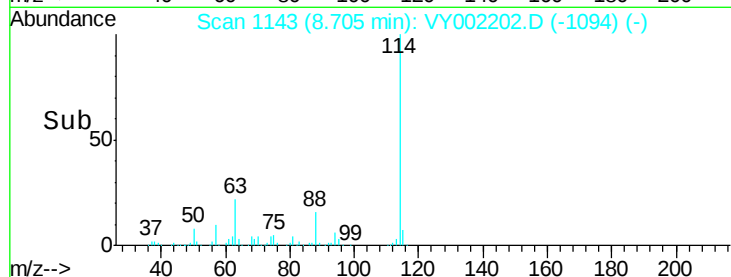
150000

100000

50000

0

Time--> 8.60 8.65 8.70 8.75 8.80



#35

Dibromofluoromethane

Concen: 54.002 ug/l

RT: 7.74 min Scan# 984

Delta R.T. -0.00 min

Lab File: VY002202.D

Acq: 02 Apr 2020 18:58

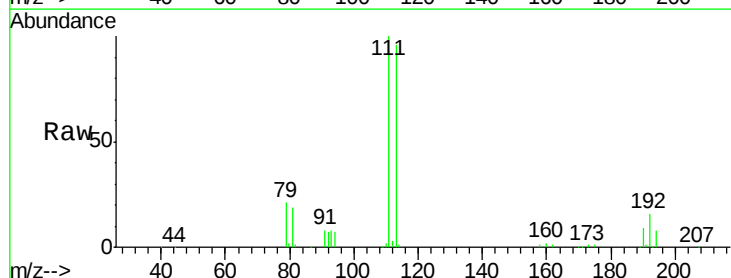
Tgt Ion:113 Resp: 73486

Ion Ratio Lower Upper

113 100

111 102.0 84.4 126.6

192 16.7 14.6 21.8



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

7.74

40000

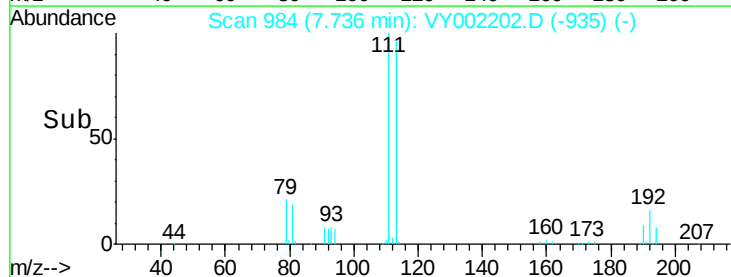
30000

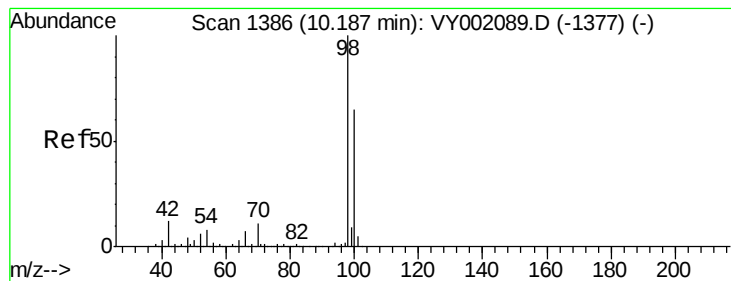
20000

10000

0

Time--> 7.60 7.70 7.80 7.90





#50

Toluene-d8

Concen: 52.943 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002202.D

Acq: 02 Apr 2020 18:58

Instrument :

MSVOA_Y

ClientSampleId :

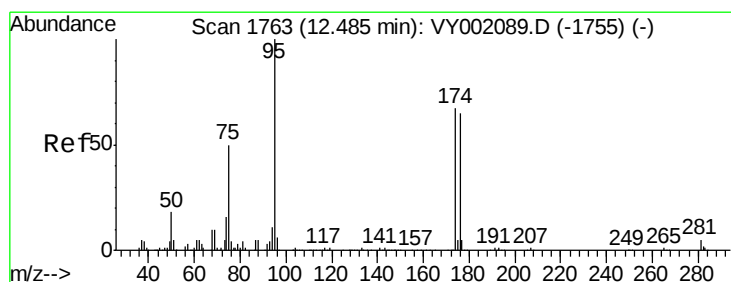
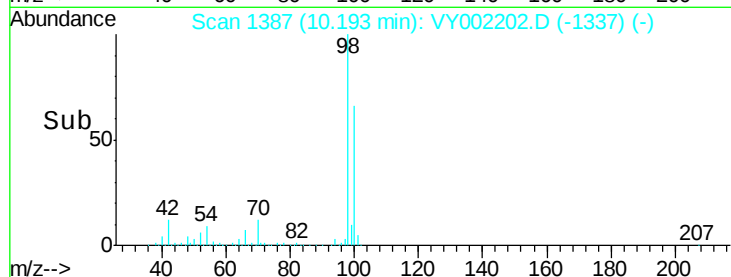
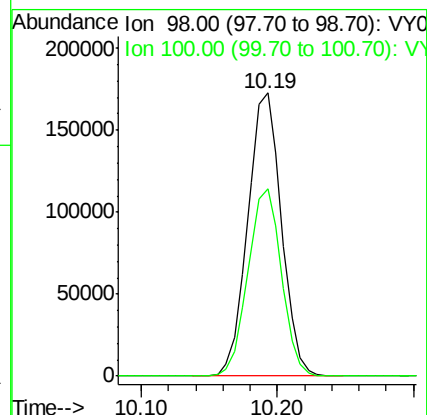
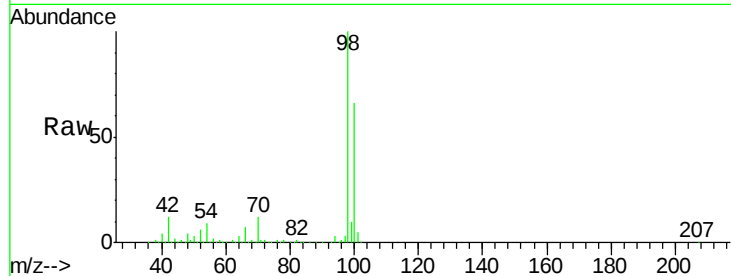
FK-GF-02-056-B

Tot Ion: 98 Resp: 299293

Ion Ratio Lower Upper

98 100

100 65.7 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 51.270 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002202.D

Acq: 02 Apr 2020 18:58

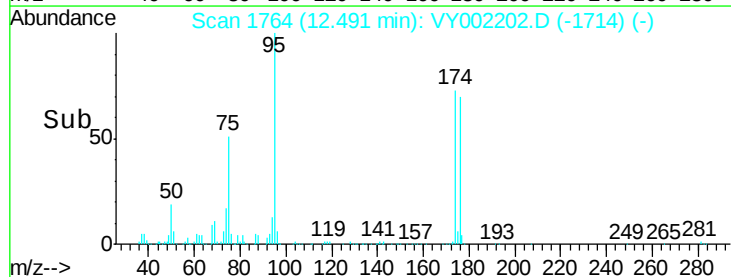
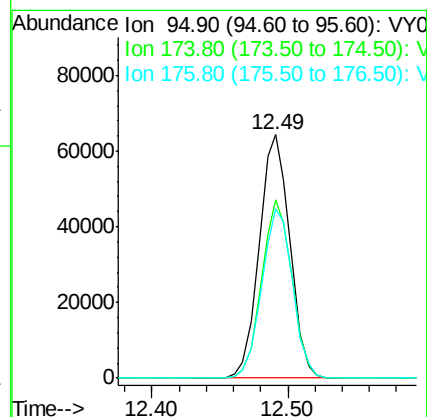
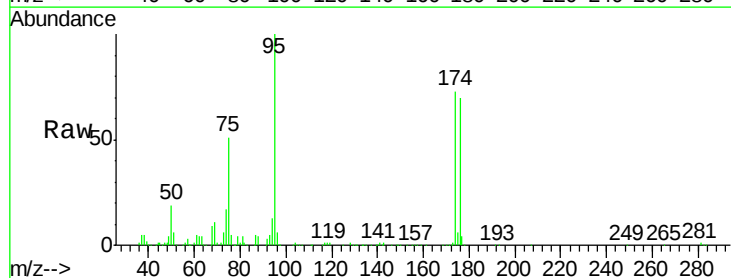
Tgt Ion: 95 Resp: 101364

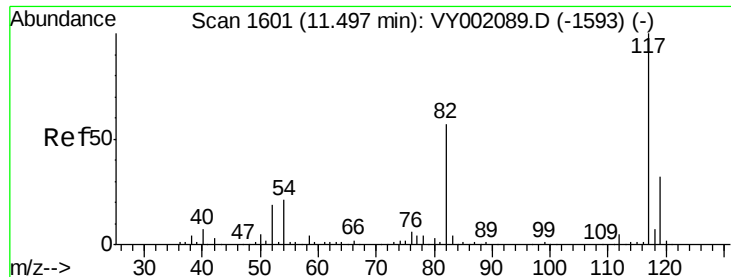
Ion Ratio Lower Upper

95 100

174 72.4 0.0 143.4

176 69.9 0.0 137.0

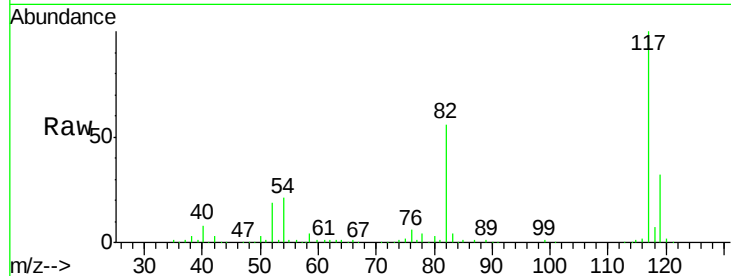




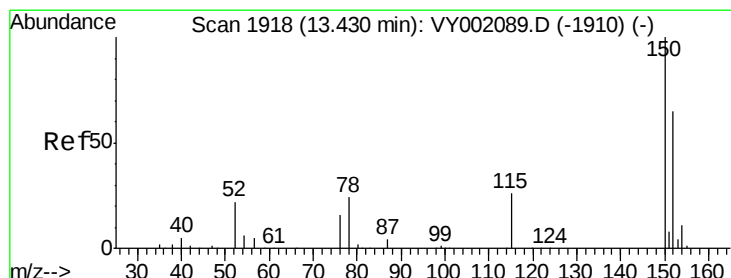
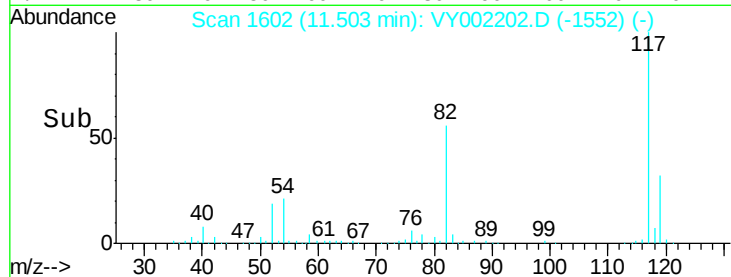
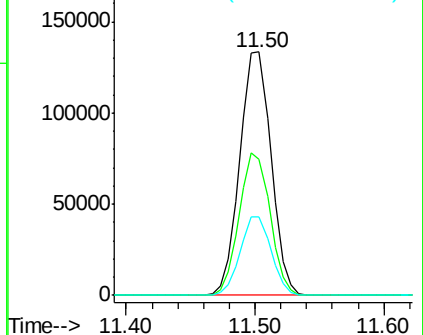
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.01 min
Lab File: VY002202.D
Acq: 02 Apr 2020 18:58

Instrument :
MSVOA_Y
ClientSampled :
FK-GF-02-056-B

Tot Ion:117 Resp: 224691
Ion Ratio Lower Upper
117 100
82 55.9 45.4 68.2
119 32.1 25.3 37.9

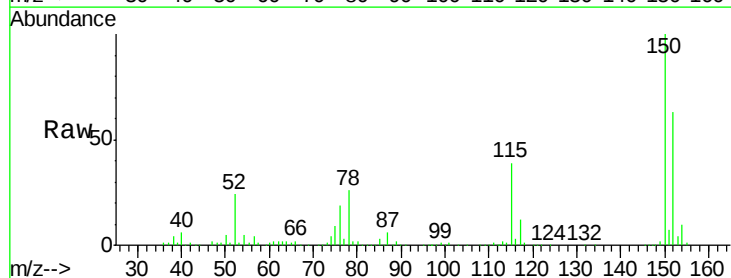


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002202.D
Acq: 02 Apr 2020 18:58

Tgt Ion:152 Resp: 94062
Ion Ratio Lower Upper
152 100
115 60.8 31.2 93.6
150 157.3 0.0 354.8



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

