

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
 Data File : VY001789.D
 Acq On : 26 Feb 2020 17:59
 Operator : SY/MD
 Sample : L1696-04
 Misc : 4.8G/5ML/MSVOA Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-052-B

Quant Time: Feb 27 02:40:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y021720S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 17 12:19:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	150373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	281166	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	252533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	105516	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	92762	57.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.70%	
35) Dibromofluoromethane	7.74	113	83462	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
50) Toluene-d8	10.19	98	343216	54.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.80%	
62) 4-Bromofluorobenzene	12.49	95	111552	45.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.02%	

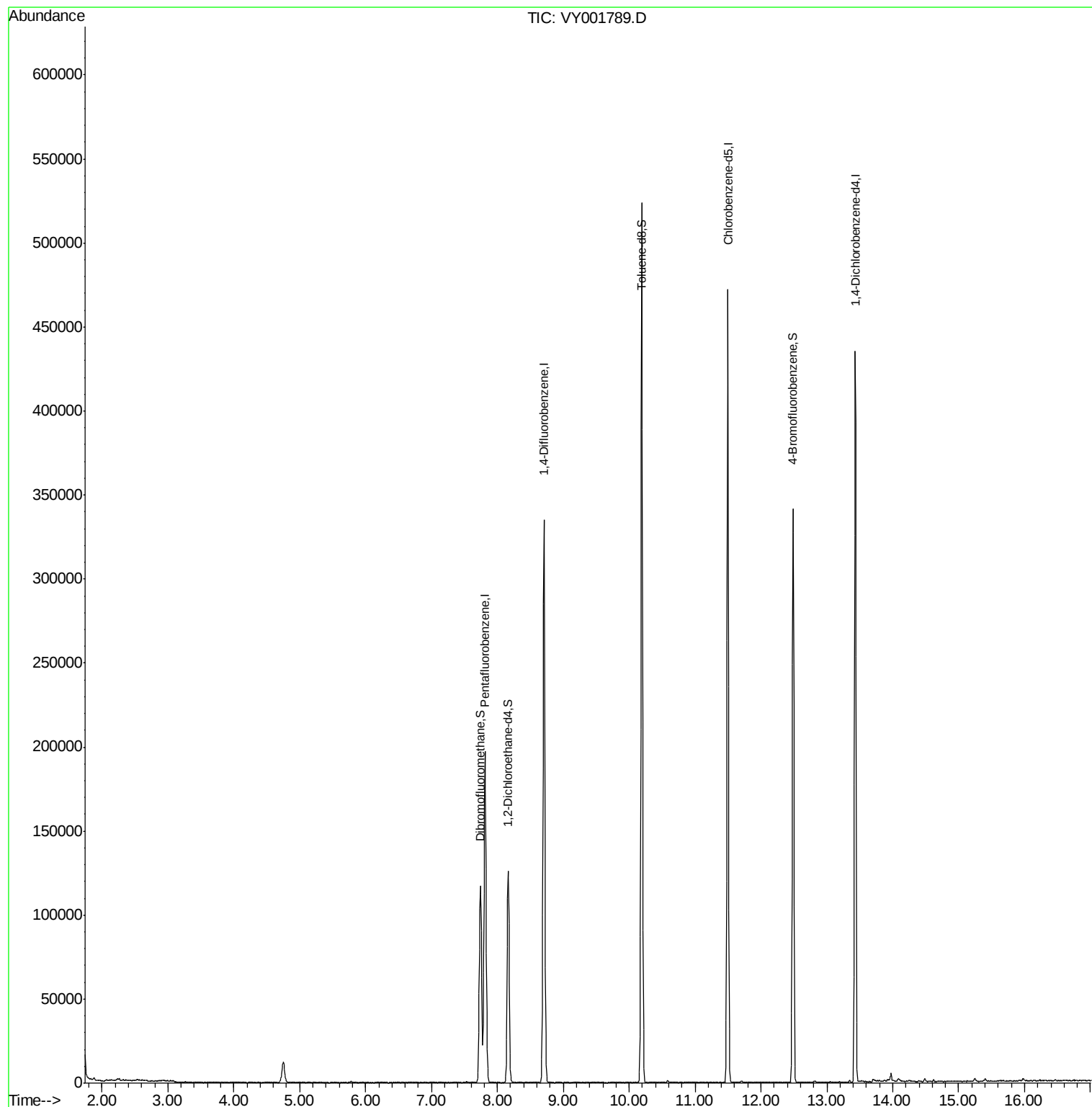
Target Compounds	Qvalue

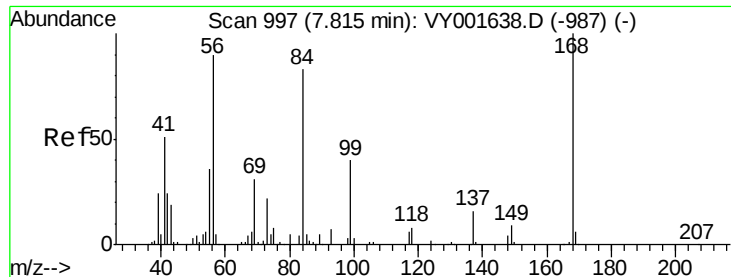
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001789.D

Acq: 26 Feb 2020 17:59

Instrument :

MSVOA_Y

ClientSampleId :

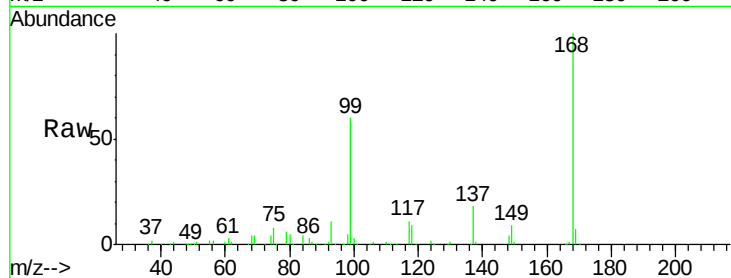
FK-GF-02-052-B

Tot Ion:168 Resp: 150373

Ion Ratio Lower Upper

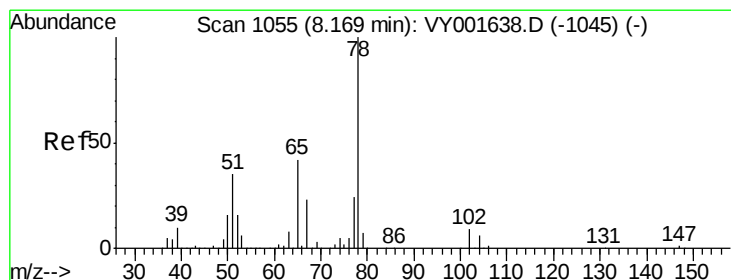
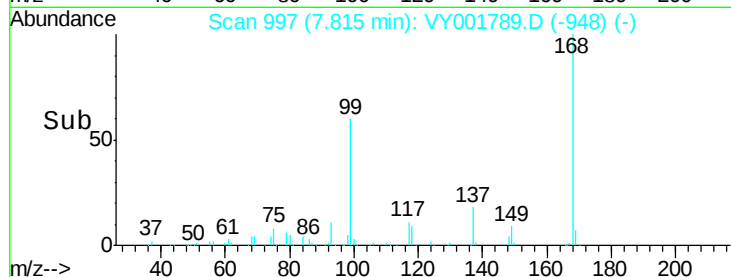
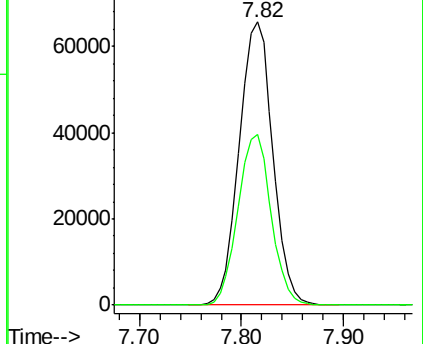
168 100

99 60.2 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001789.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001789.D (-948) (-)



#33

1,2-Dichloroethane-d4

Concen: 57.350 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001789.D

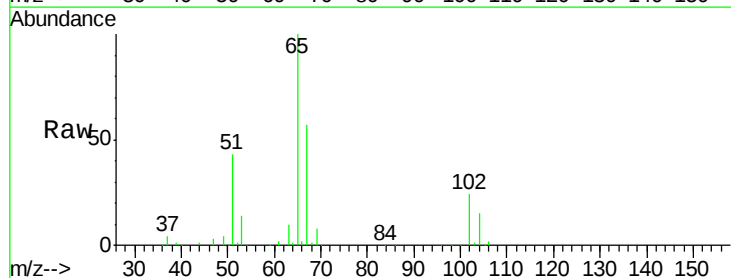
Acq: 26 Feb 2020 17:59

Tgt Ion: 65 Resp: 92762

Ion Ratio Lower Upper

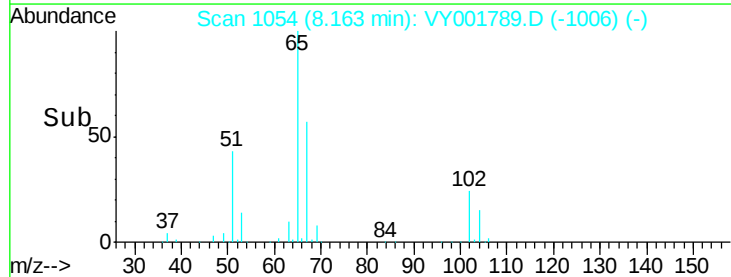
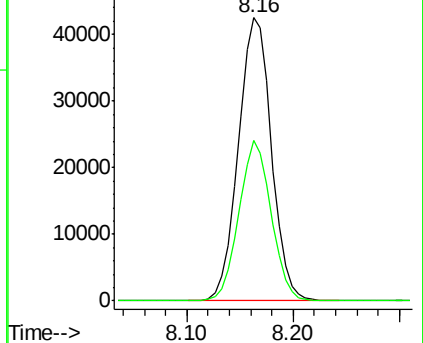
65 100

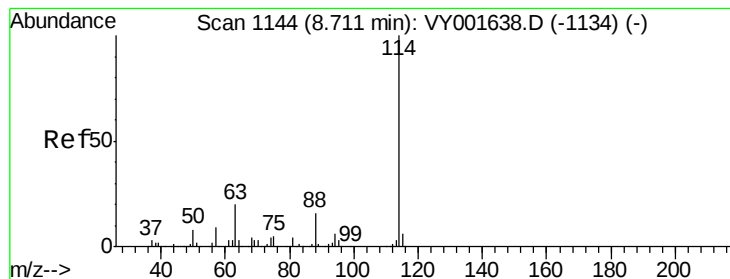
67 55.2 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001789.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001789.D (-1006) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.71 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VY001789.D

Acq: 26 Feb 2020 17:59

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-052-B

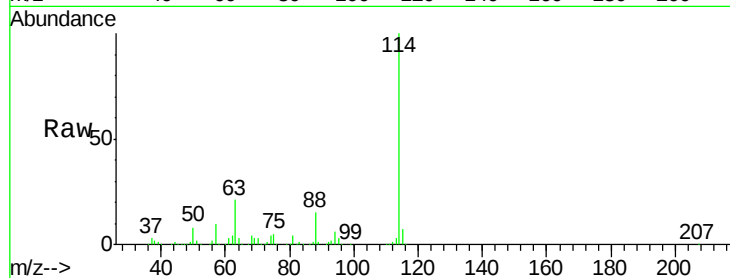
Tot Ion:114 Resp: 281166

Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.4

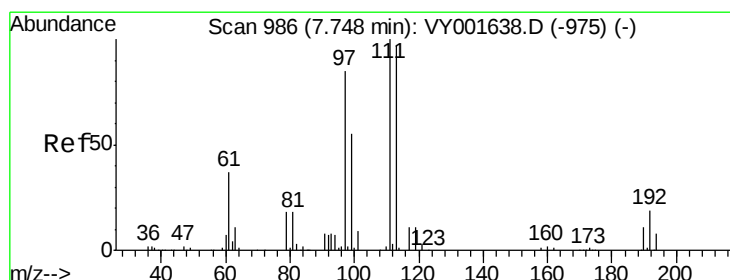
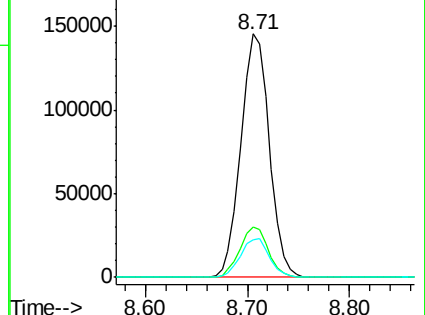
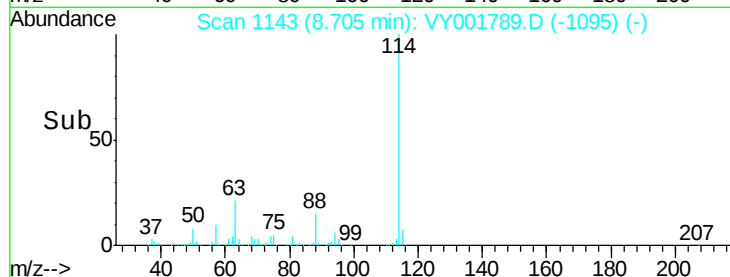
88 15.4 0.0 32.8



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: 51.827 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001789.D

Acq: 26 Feb 2020 17:59

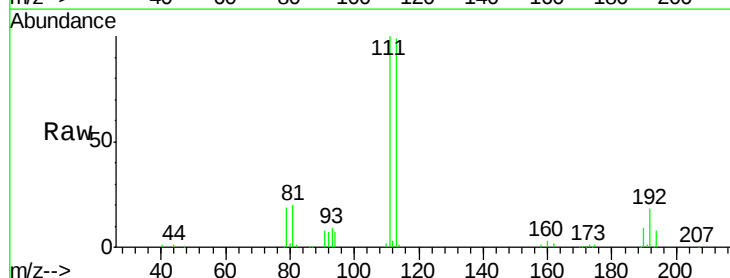
Tgt Ion:113 Resp: 83462

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

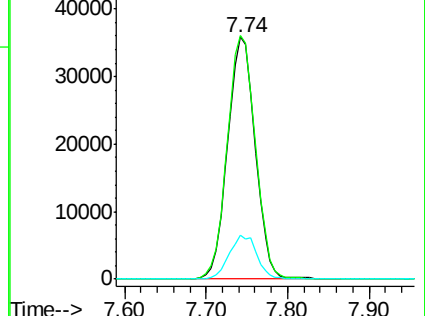
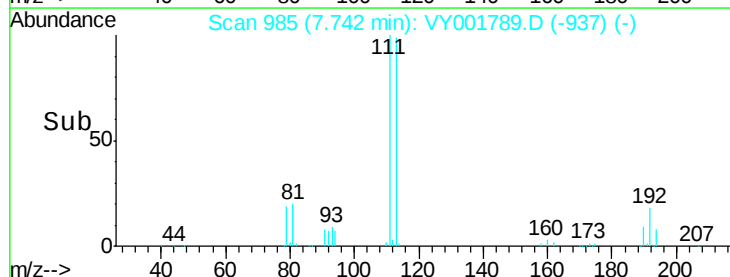
192 18.2 14.3 21.5

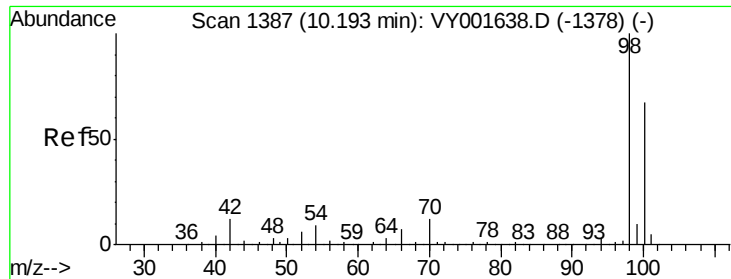


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 54.401 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001789.D

Acq: 26 Feb 2020 17:59

Instrument :

MSVOA_Y

ClientSampleId :

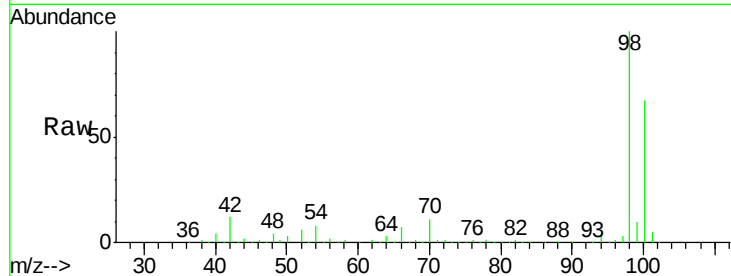
FK-GF-02-052-B

Tot Ion: 98 Resp: 343216

Ion Ratio Lower Upper

98 100

100 66.2 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY001638.D (-1378) (-)

Ion 100.00 (99.70 to 100.70): VY001638.D (-1378) (-)

10.19

200000

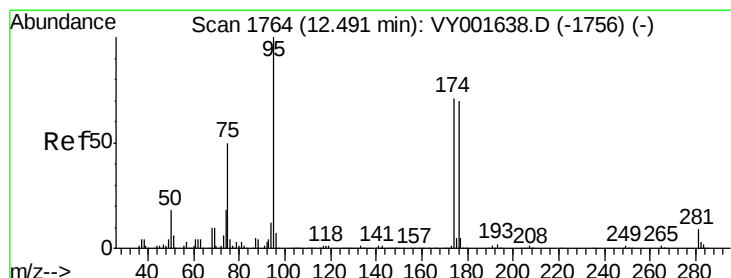
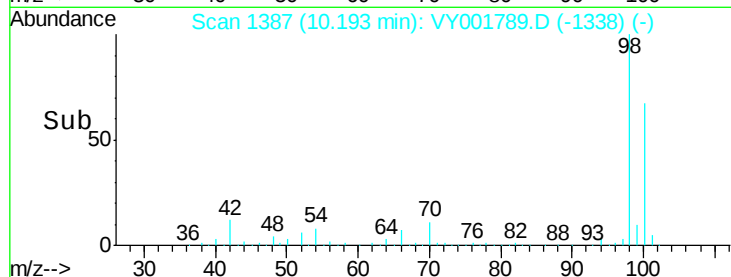
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.513 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001789.D

Acq: 26 Feb 2020 17:59

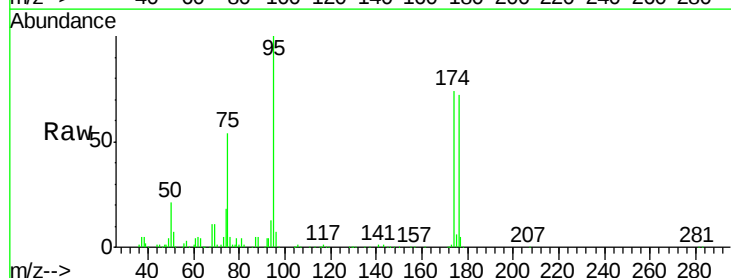
Tgt Ion: 95 Resp: 111552

Ion Ratio Lower Upper

95 100

174 74.5 0.0 138.4

176 71.5 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY001638.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001638.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001638.D (-1756) (-)

12.49

80000

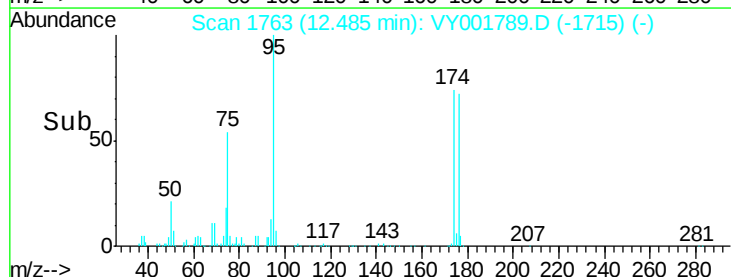
60000

40000

20000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: VY001789.D

Acq: 26 Feb 2020 17:59

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-052-B

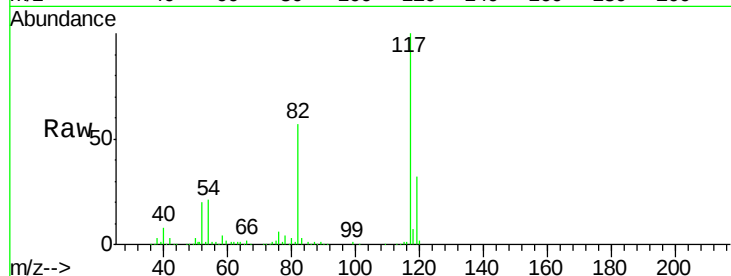
Tot Ion:117 Resp: 252533

Ion Ratio Lower Upper

117 100

82 57.5 45.5 68.3

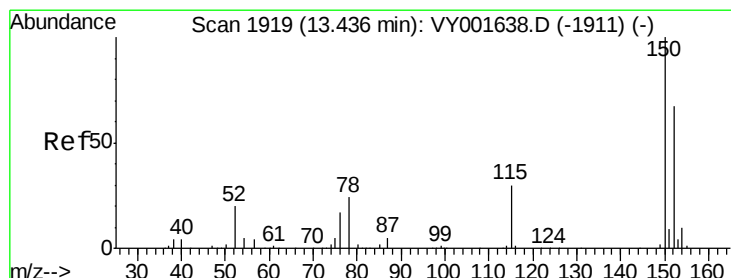
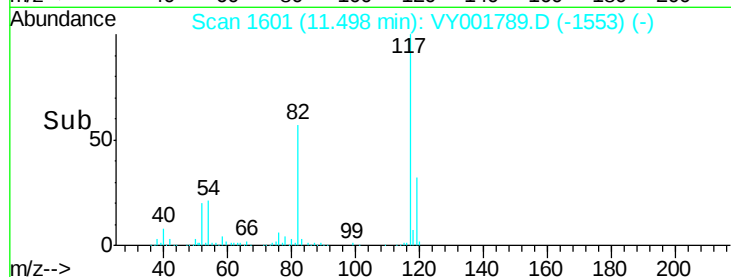
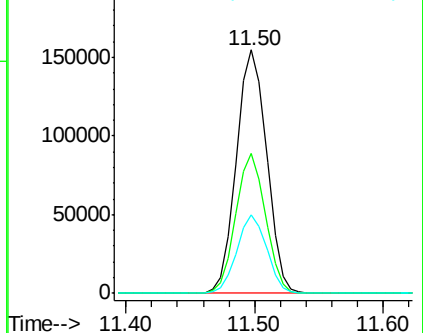
119 32.3 25.8 38.6



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: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001789.D

Acq: 26 Feb 2020 17:59

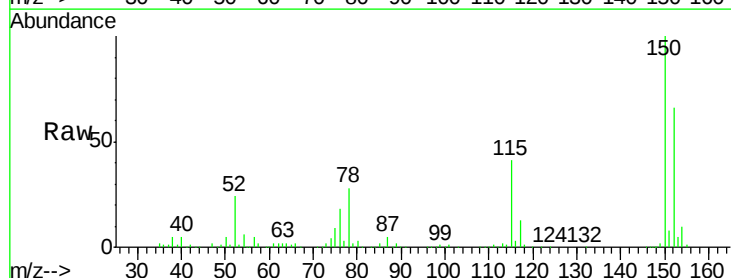
Tgt Ion:152 Resp: 105516

Ion Ratio Lower Upper

152 100

115 61.1 31.4 94.2

150 156.6 0.0 407.2



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

