

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002205.D
 Acq On : 02 Apr 2020 20:05
 Operator : SY/MD
 Sample : L2148-04
 Misc : 3.32G/5ML/MSVOA Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-055-B

Quant Time: Apr 03 07:18:54 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	7.80	168	124132	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	243712	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	225184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	95937	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	82578	60.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.36%	
35) Dibromofluoromethane	7.73	113	72692	53.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.46%	
50) Toluene-d8	10.19	98	297234	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.49	95	101258	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	

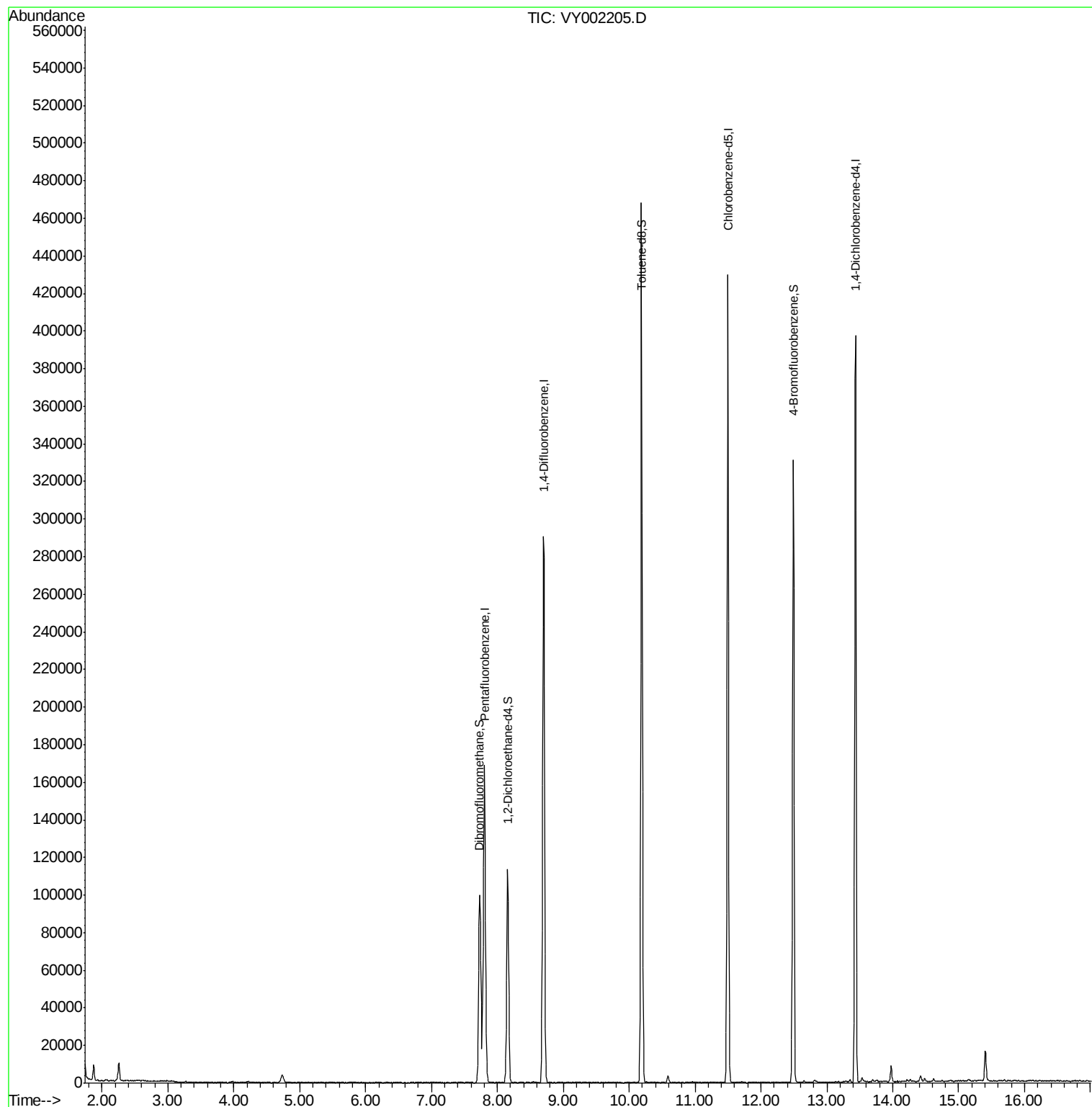
Target Compounds	Qvalue

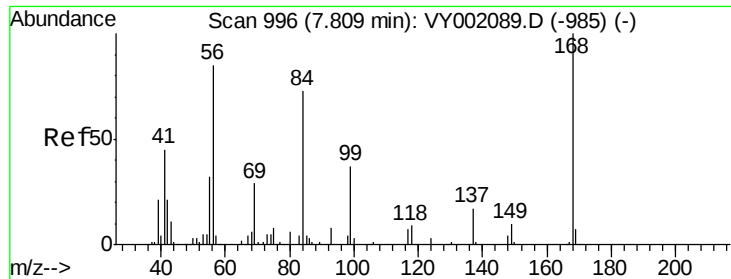
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY002205.D

Acq: 02 Apr 2020 20:05

Instrument :

MSVOA_Y

ClientSampleId :

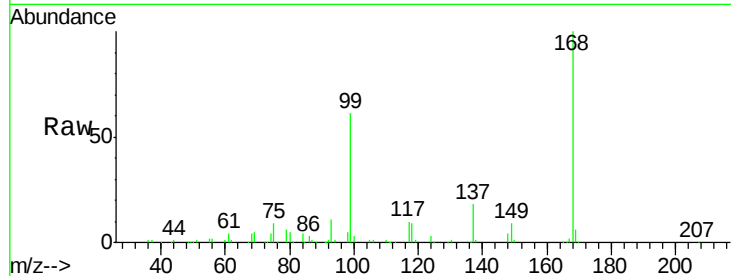
FK-GF-02-055-B

Tot Ion:168 Resp: 124132

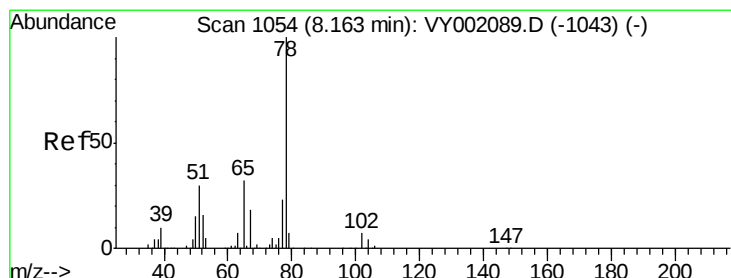
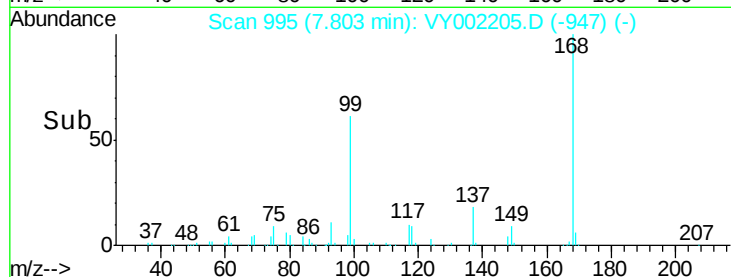
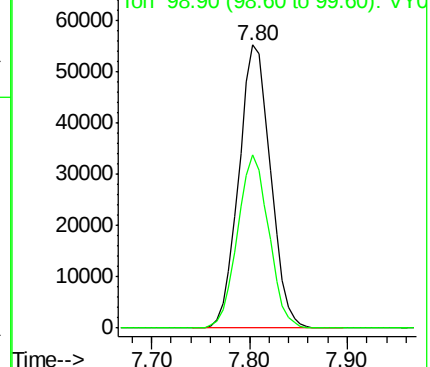
Ion Ratio Lower Upper

168 100

99 61.3 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002205.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 60.177 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002205.D

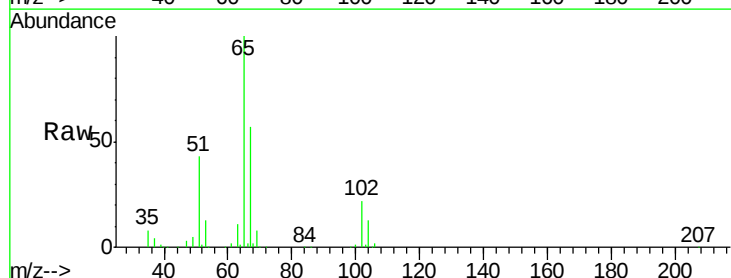
Acq: 02 Apr 2020 20:05

Tgt Ion: 65 Resp: 82578

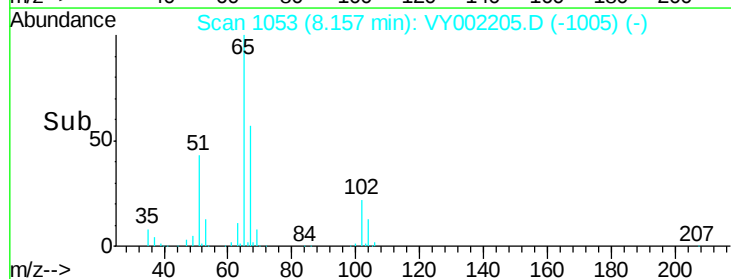
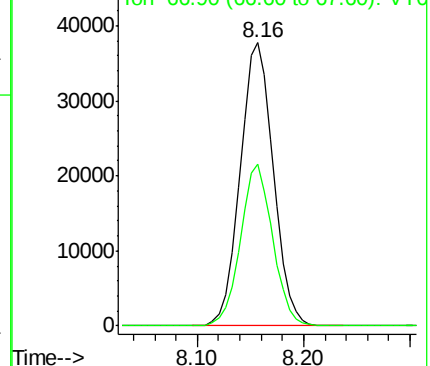
Ion Ratio Lower Upper

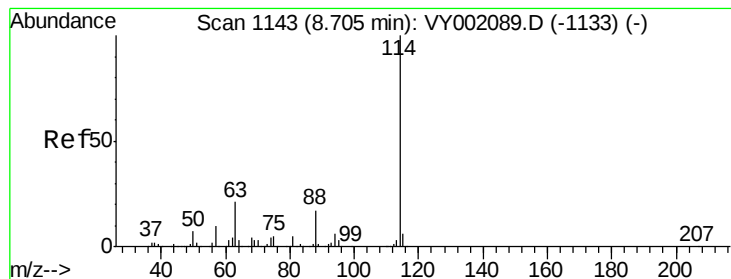
65 100

67 55.3 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002205.D (-1005) (-)





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.70 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VY002205.D

Acq: 02 Apr 2020 20:05

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-055-B

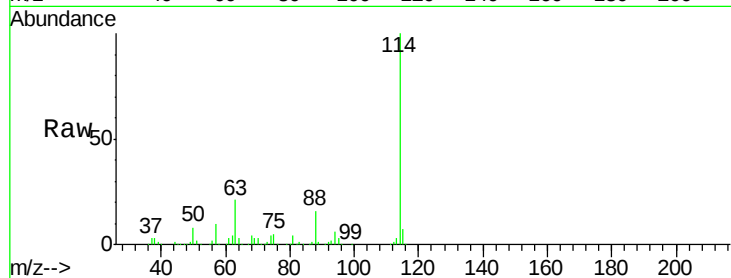
Tot Ion:114 Resp: 243712

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

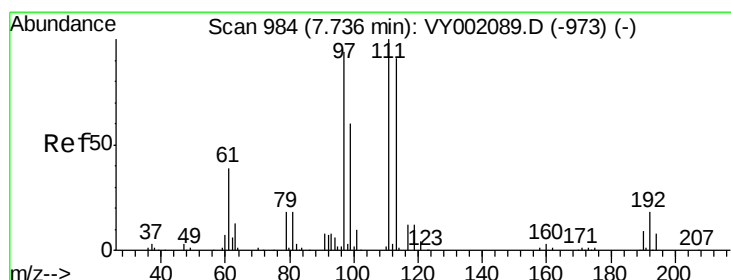
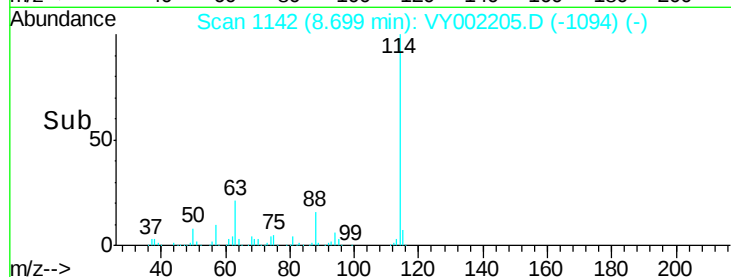
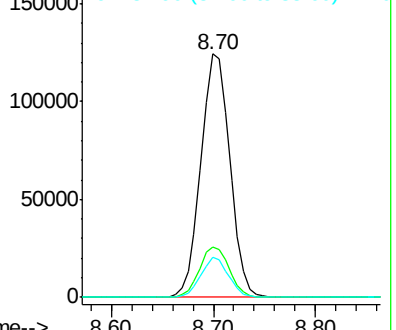
88 16.2 0.0 33.0



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



#35

Dibromofluoromethane

Concen: 53.233 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002205.D

Acq: 02 Apr 2020 20:05

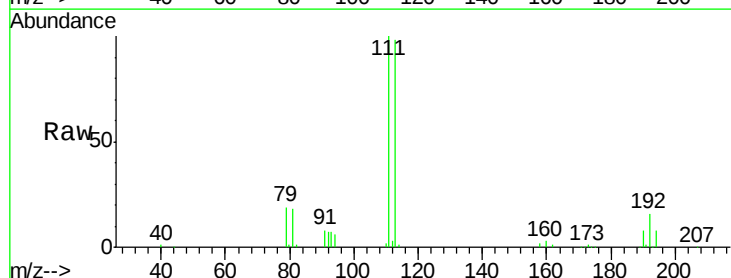
Tgt Ion:113 Resp: 72692

Ion Ratio Lower Upper

113 100

111 102.9 84.4 126.6

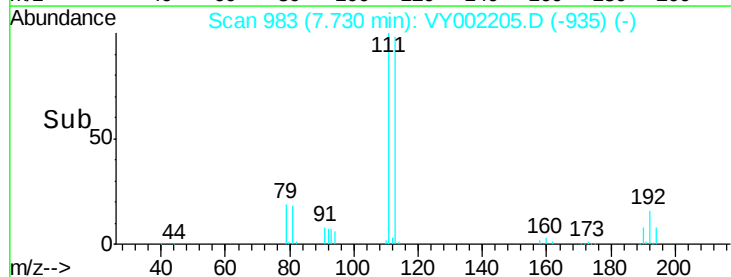
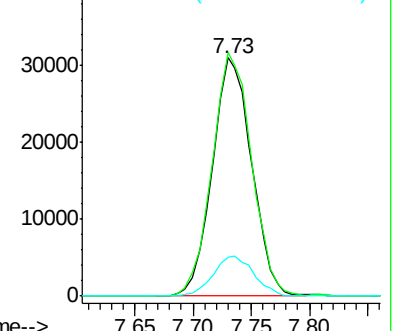
192 17.3 14.6 21.8

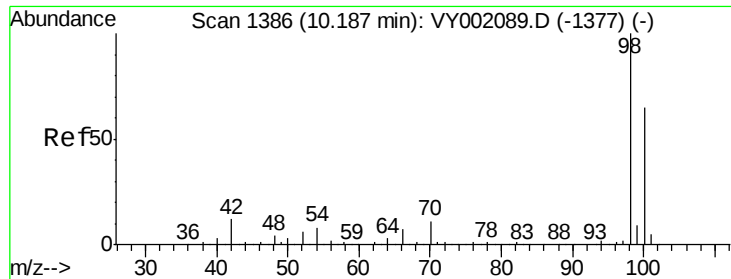


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.396 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002205.D

Acq: 02 Apr 2020 20:05

Instrument :

MSVOA_Y

ClientSampleId :

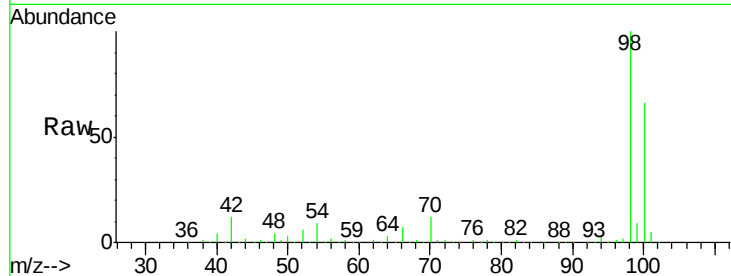
FK-GF-02-055-B

Tot Ion: 98 Resp: 297234

Ion Ratio Lower Upper

98 100

100 65.4 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VY002089.D (-1377) (-)

Ion 100.00 (99.70 to 100.70): VY002089.D (-1377) (-)

10.19

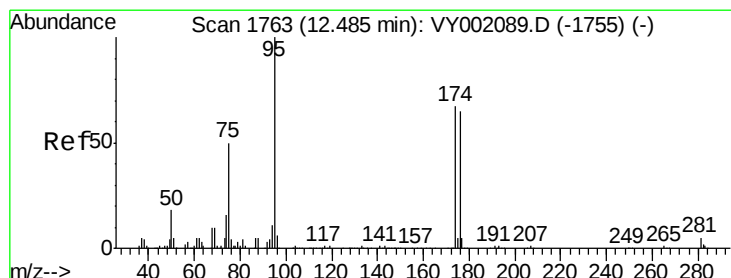
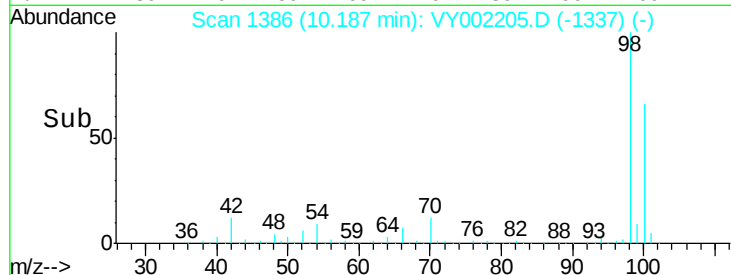
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.038 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002205.D

Acq: 02 Apr 2020 20:05

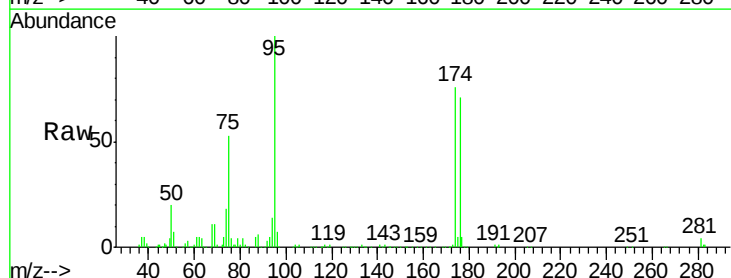
Tgt Ion: 95 Resp: 101258

Ion Ratio Lower Upper

95 100

174 72.9 0.0 143.4

176 69.5 0.0 137.0



Abundance Ion 94.90 (94.60 to 95.60): VY002089.D (-1755) (-)

Ion 173.80 (173.50 to 174.50): VY002089.D (-1755) (-)

Ion 175.80 (175.50 to 176.50): VY002089.D (-1755) (-)

12.49

80000

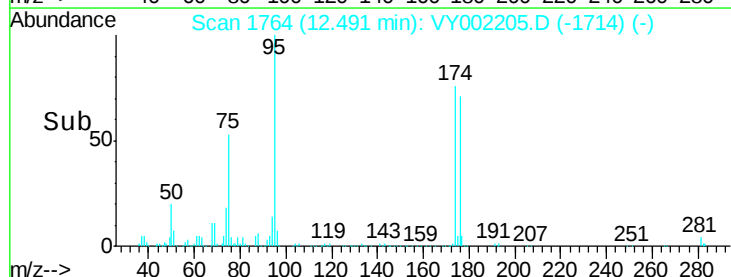
60000

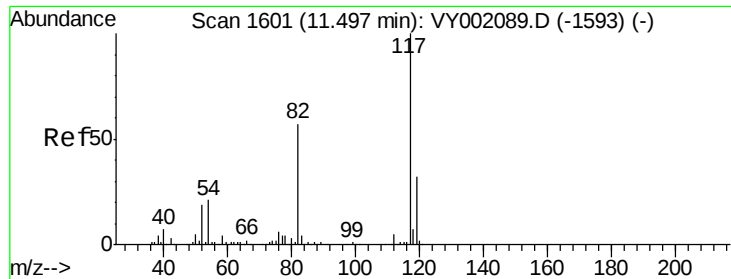
40000

20000

0

Time-->

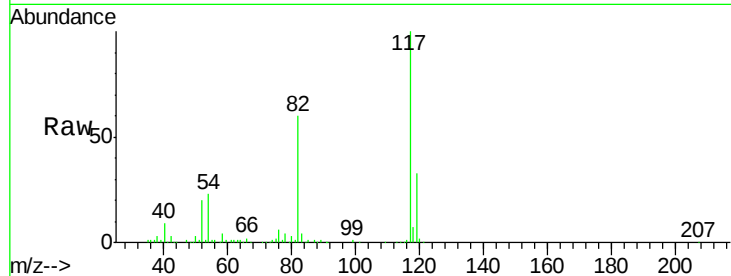




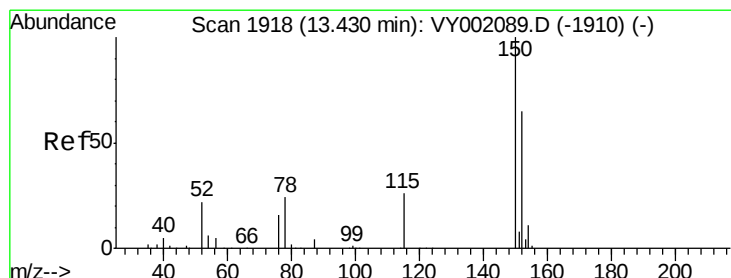
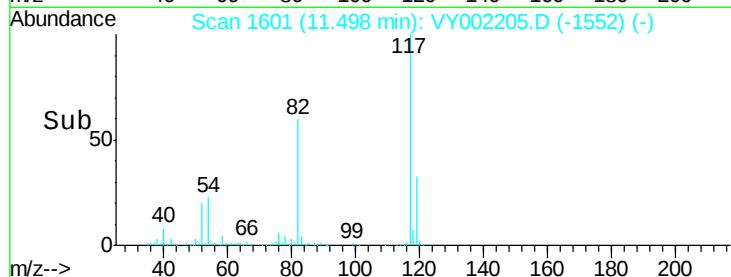
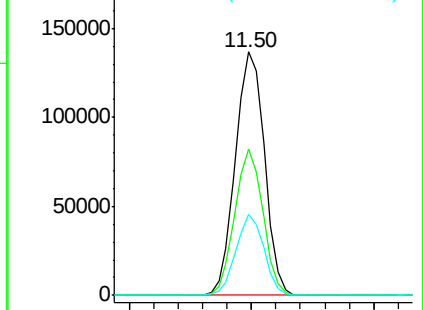
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002205.D
Acq: 02 Apr 2020 20:05

Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-055-B

Tot Ion:117 Resp: 225184
Ion Ratio Lower Upper
117 100
82 60.1 45.4 68.2
119 33.4 25.3 37.9

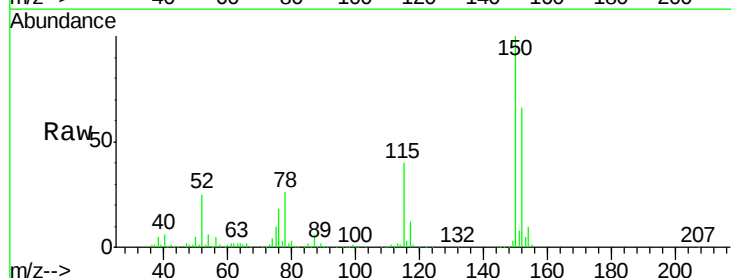


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002205.D
Acq: 02 Apr 2020 20:05

Tgt Ion:152 Resp: 95937
Ion Ratio Lower Upper
152 100
115 60.8 31.2 93.6
150 157.7 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

