

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002201.D
 Acq On : 02 Apr 2020 18:35
 Operator : SY/MD
 Sample : L2147-02
 Misc : 4.50G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Apr 03 04:47:18 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	125775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	247116	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	228744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	94642	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	82295	59.19	ug/l	0.00
Spiked Amount			Recovery	=	118.38%	
35) Dibromofluoromethane	7.74	113	72908	52.66	ug/l	0.00
Spiked Amount			Recovery	=	105.32%	
50) Toluene-d8	10.19	98	300427	52.23	ug/l	0.00
Spiked Amount			Recovery	=	104.46%	
62) 4-Bromofluorobenzene	12.49	95	103063	51.23	ug/l	0.00
Spiked Amount			Recovery	=	102.46%	

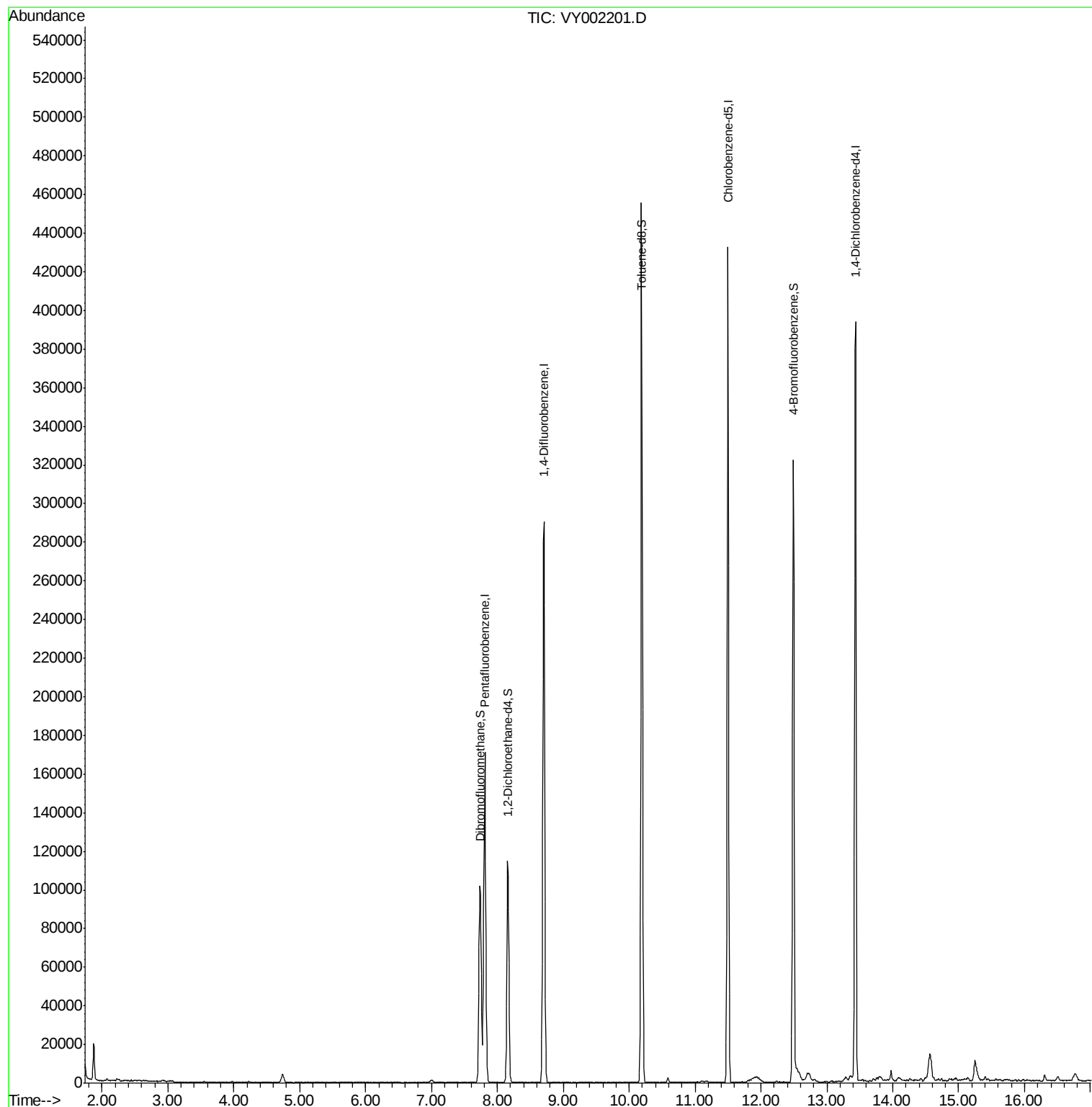
Target Compounds	Qvalue
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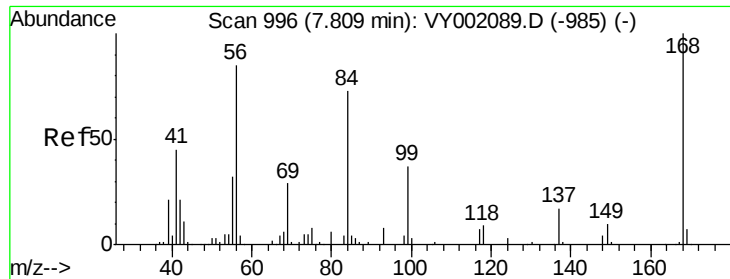
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002201.D

Acq: 02 Apr 2020 18:35

Instrument :

MSVOA_Y

ClientSampleId :

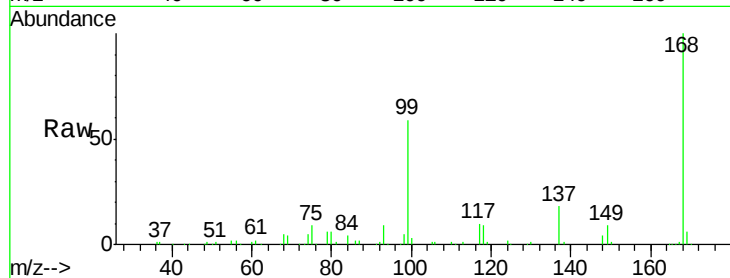
FK-GF-02-056-A

Tot Ion:168 Resp: 125775

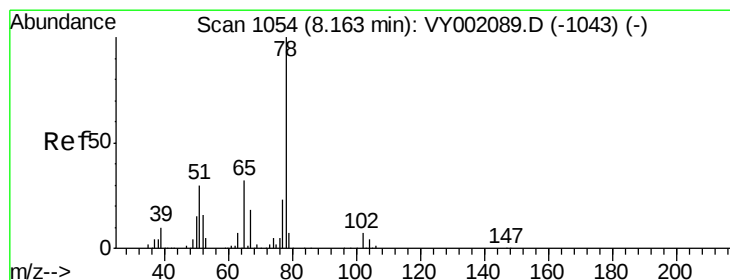
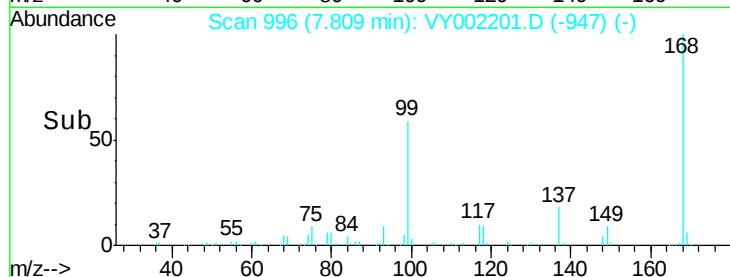
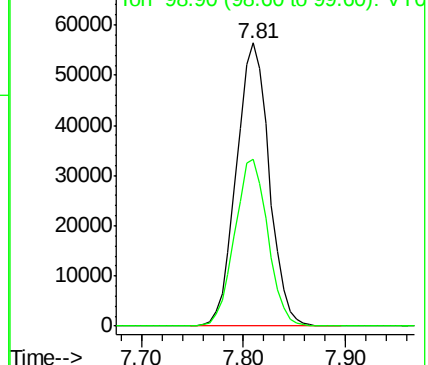
Ion Ratio Lower Upper

168 100

99 59.0 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002201.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 59.188 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002201.D

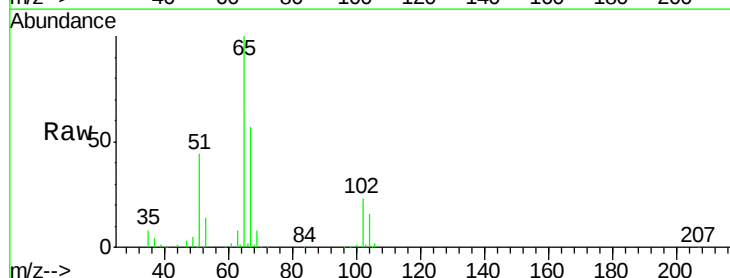
Acq: 02 Apr 2020 18:35

Tgt Ion: 65 Resp: 82295

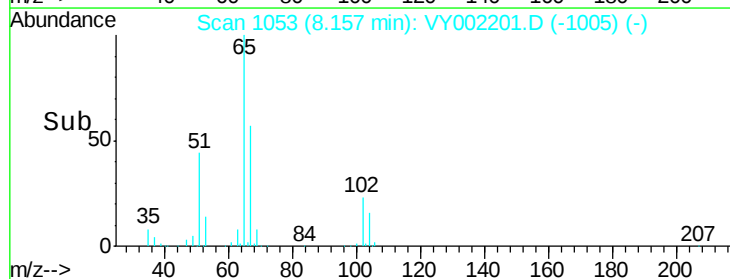
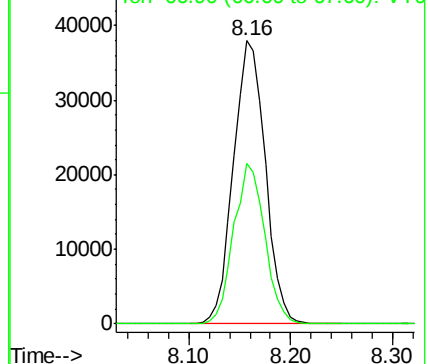
Ion Ratio Lower Upper

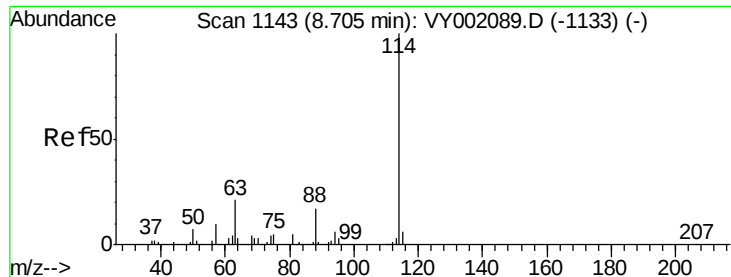
65 100

67 55.1 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002201.D (-1005) (-)

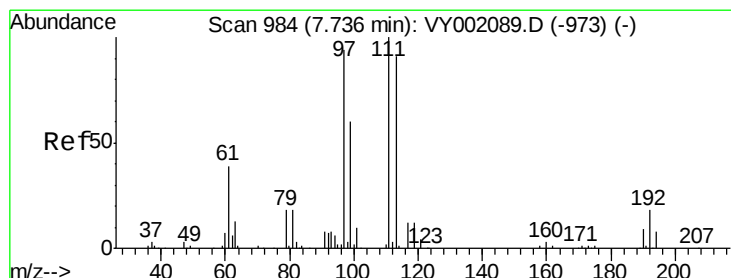
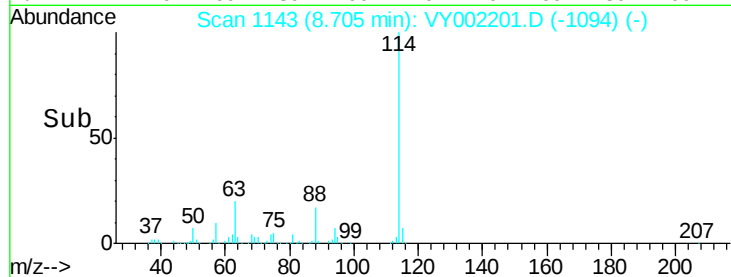
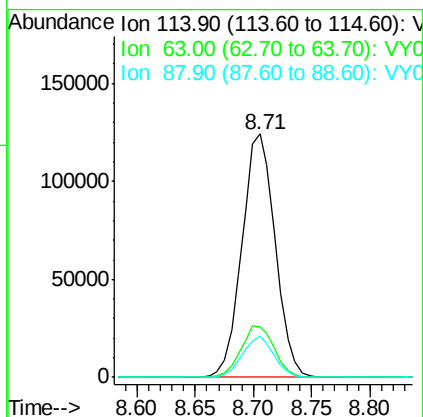
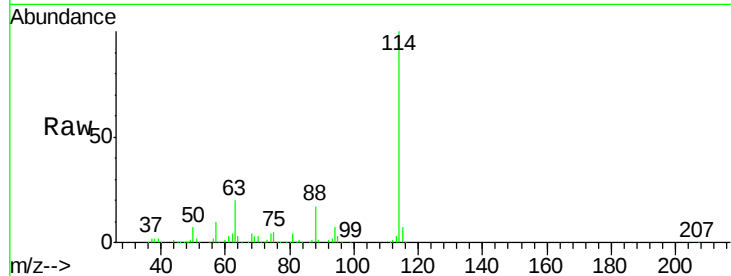




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002201.D
 Acq: 02 Apr 2020 18:35

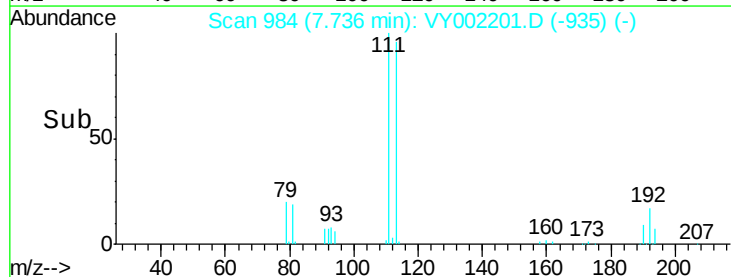
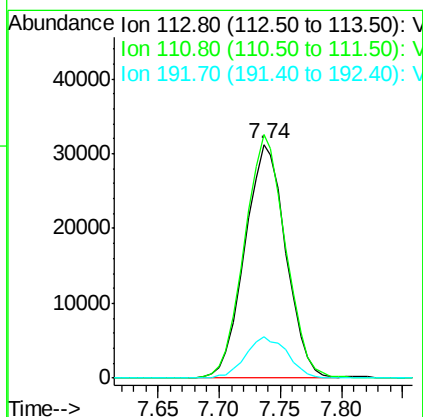
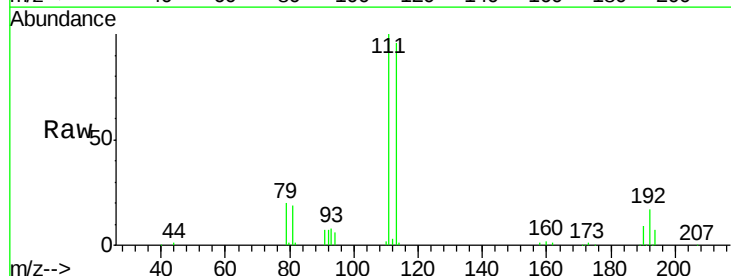
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-056-A

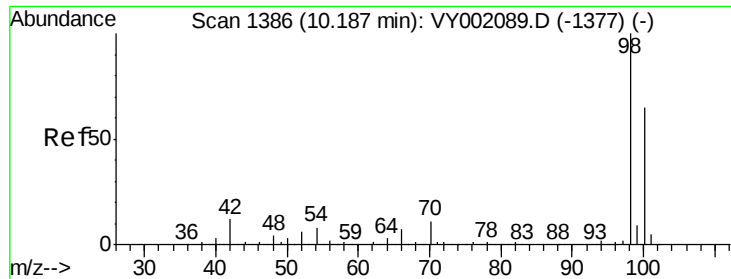
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.5	0.0	41.4
88	16.8	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 52.655 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002201.D
 Acq: 02 Apr 2020 18:35

Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.5	84.4	126.6
192	18.0	14.6	21.8





#50

Toluene-d8

Concen: 52.229 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.01 min

Lab File: VY002201.D

Acq: 02 Apr 2020 18:35

Instrument :

MSVOA_Y

ClientSampleId :

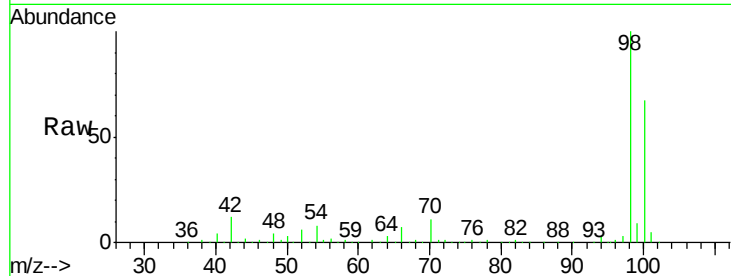
FK-GF-02-056-A

Tot Ion: 98 Resp: 300427

Ion Ratio Lower Upper

98 100

100 65.6 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) (-)

200000

150000

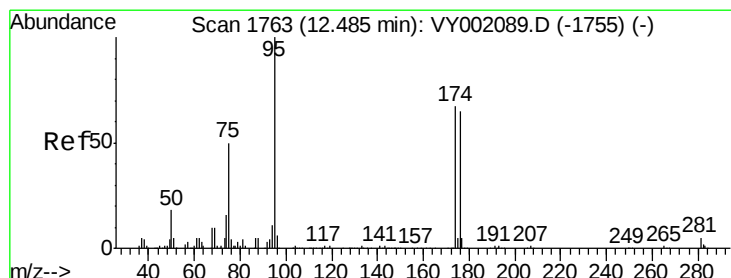
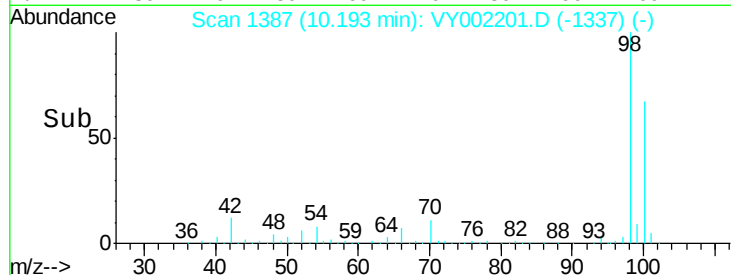
100000

50000

0

10.10 10.20 10.30

Time-->



#62

4-Bromofluorobenzene

Concen: 51.232 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002201.D

Acq: 02 Apr 2020 18:35

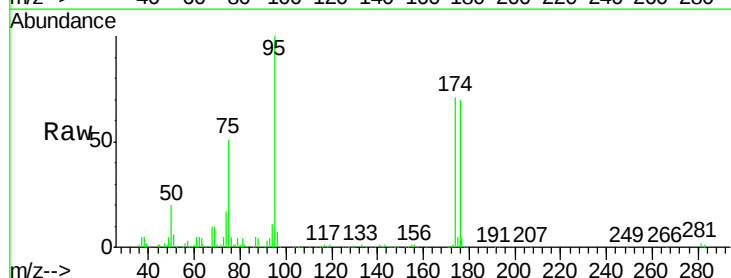
Tgt Ion: 95 Resp: 103063

Ion Ratio Lower Upper

95 100

174 71.8 0.0 143.4

176 69.8 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) (-)

80000

60000

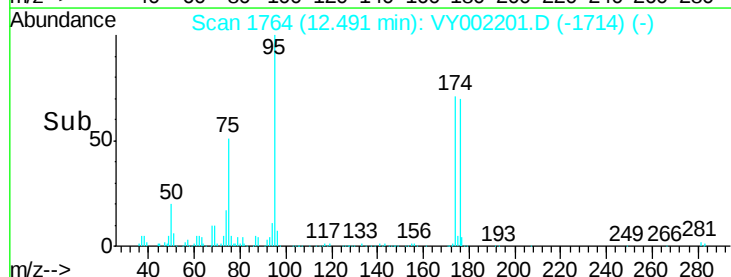
40000

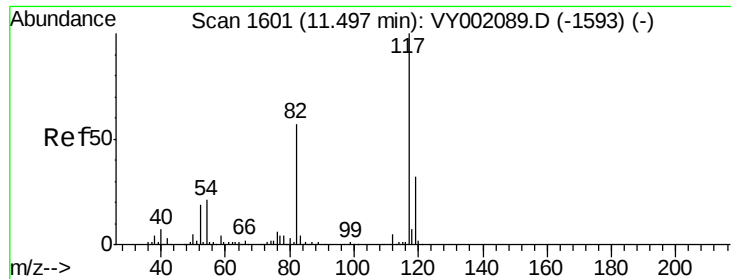
20000

0

12.40 12.50

Time-->

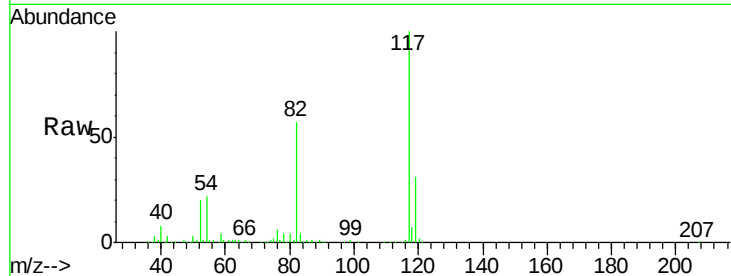




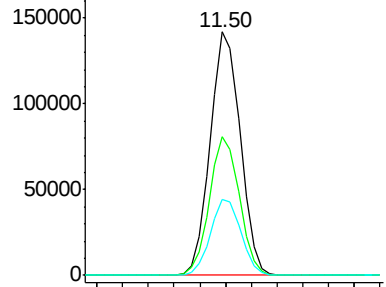
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002201.D
Acq: 02 Apr 2020 18:35

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

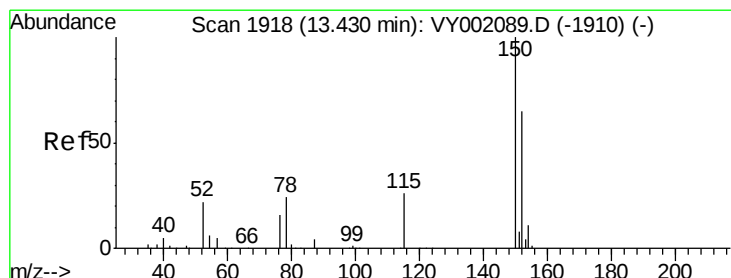
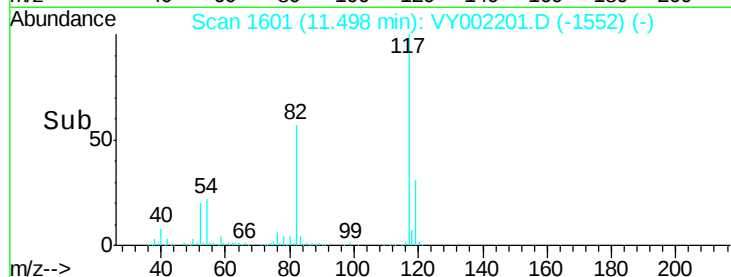
Tot Ion:117 Resp: 228744
Ion Ratio Lower Upper
117 100
82 56.9 45.4 68.2
119 31.3 25.3 37.9



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

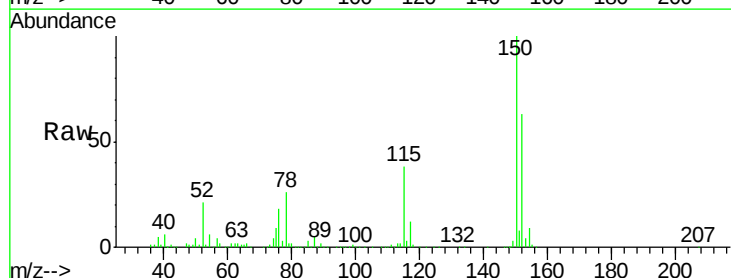


Time--> 11.40 11.50 11.60

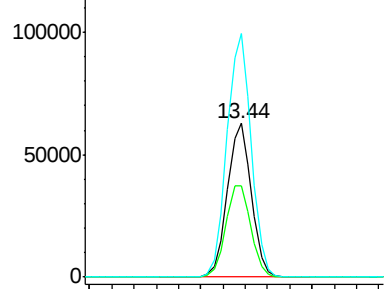


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002201.D
Acq: 02 Apr 2020 18:35

Tgt Ion:152 Resp: 94642
Ion Ratio Lower Upper
152 100
115 62.0 31.2 93.6
150 159.5 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



Time--> 13.30 13.40 13.50

