

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY040220\
 Data File : VY002204.D
 Acq On : 02 Apr 2020 19:42
 Operator : SY/MD
 Sample : L2148-02
 Misc : 5.18G/5ML/MSVOA Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

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

Quant Time: Apr 03 07:16:06 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	123046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	242402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	222953	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	89149	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	80353	59.07	ug/l	0.00
Spiked Amount						
			Recovery	=	118.14%	
35) Dibromofluoromethane	7.74	113	70614	51.99	ug/l	0.00
Spiked Amount						
			Recovery	=	103.98%	
50) Toluene-d8	10.19	98	297269	52.69	ug/l	0.00
Spiked Amount						
			Recovery	=	105.38%	
62) 4-Bromofluorobenzene	12.49	95	99260	50.30	ug/l	0.00
Spiked Amount						
			Recovery	=	100.60%	

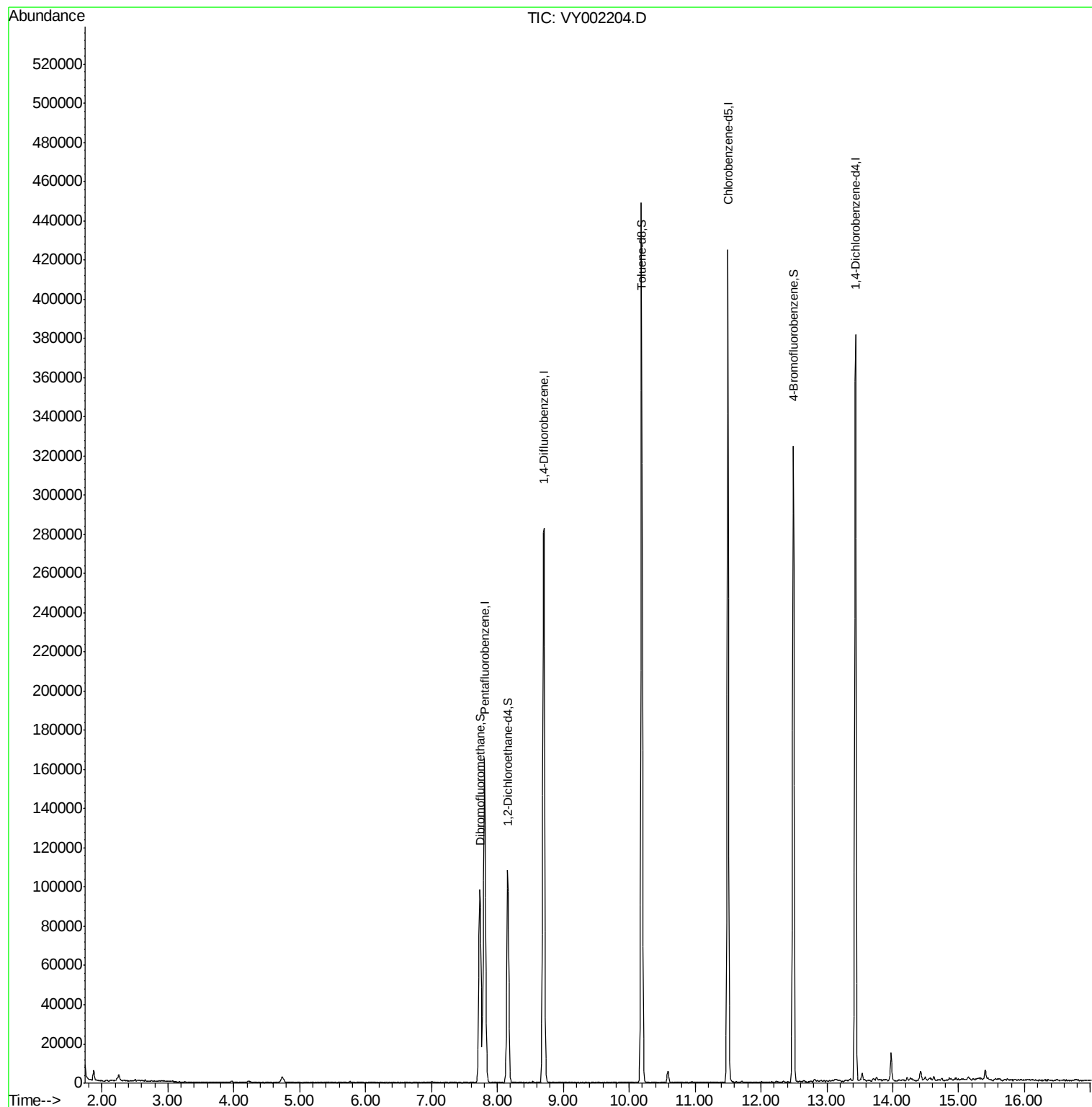
Target Compounds	Qvalue
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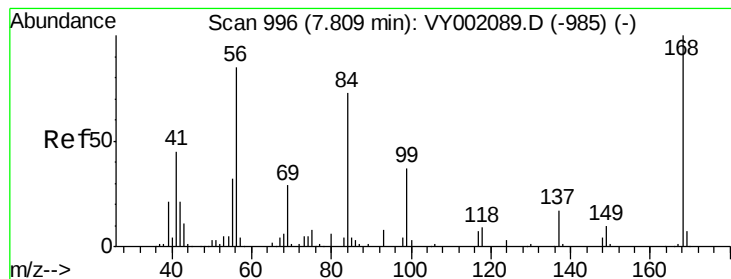
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY002204.D

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MSVOA_Y

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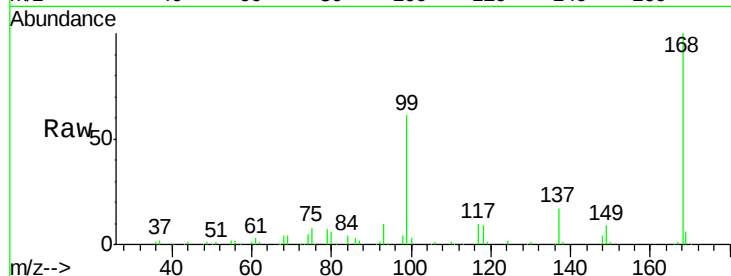
FK-GF-02-055-A

Tot Ion:168 Resp: 123046

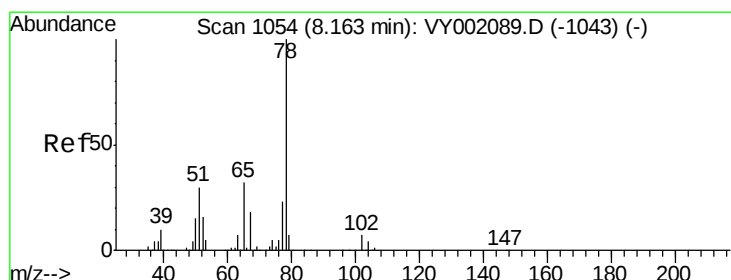
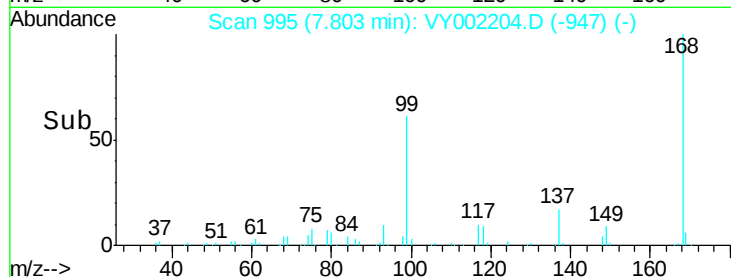
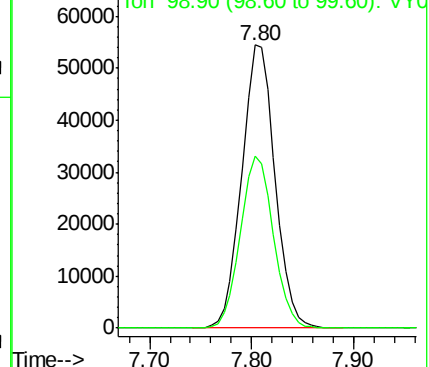
Ion Ratio Lower Upper

168 100

99 60.8 47.6 71.4



Abundance Ion 167.90 (167.60 to 168.60): VY002204.D (-947) (-)



#33

1,2-Dichloroethane-d4

Concen: 59.073 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY002204.D

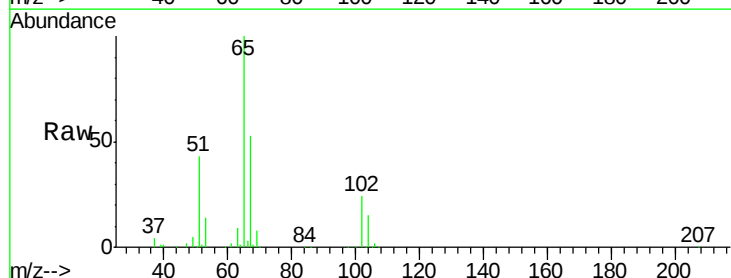
Acq: 02 Apr 2020 19:42

Tgt Ion: 65 Resp: 80353

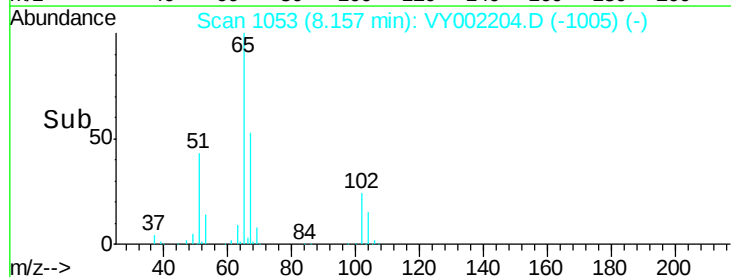
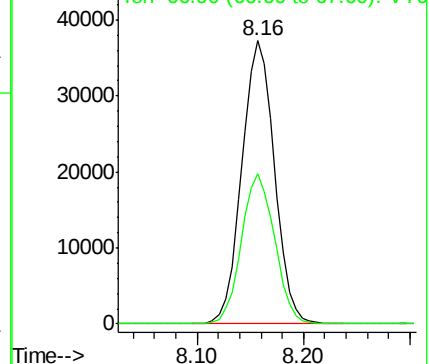
Ion Ratio Lower Upper

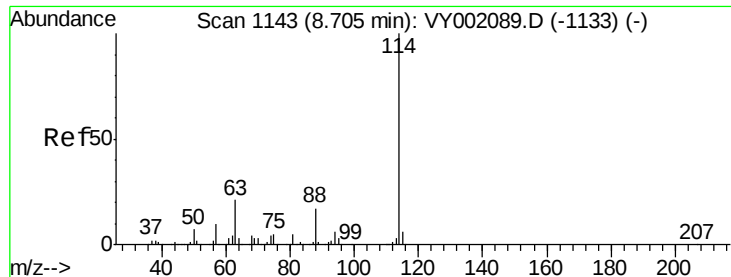
65 100

67 53.8 0.0 112.8



Abundance Ion 64.90 (64.60 to 65.60): VY002204.D (-1005) (-)

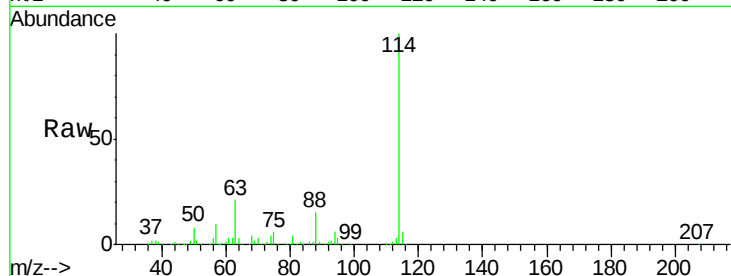




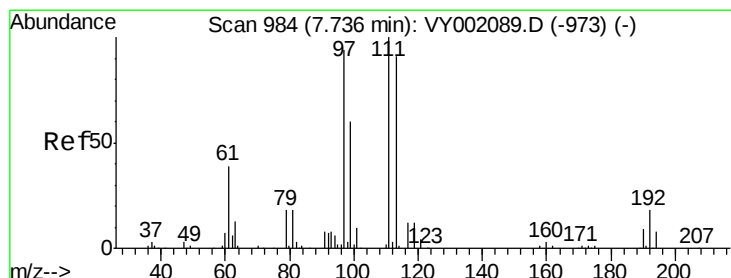
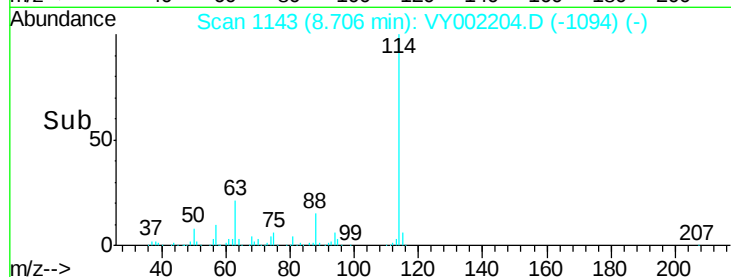
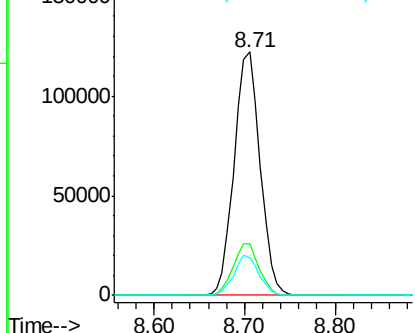
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: VY002204.D
 Acq: 02 Apr 2020 19:42

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

Tot Ion	Ratio	Lower	Upper
114	100		
63	21.0	0.0	41.4
88	15.4	0.0	33.0

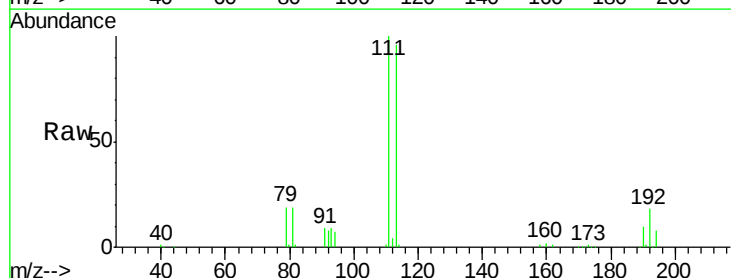


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VY0
 Ion 87.90 (87.60 to 88.60): VY0

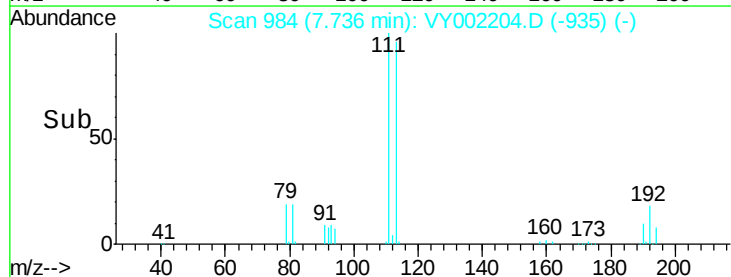
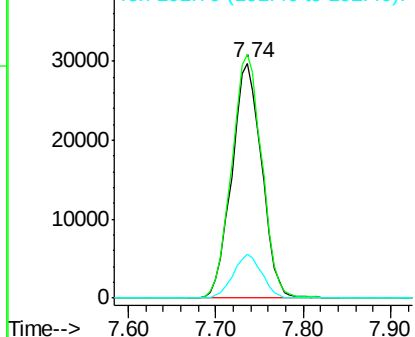


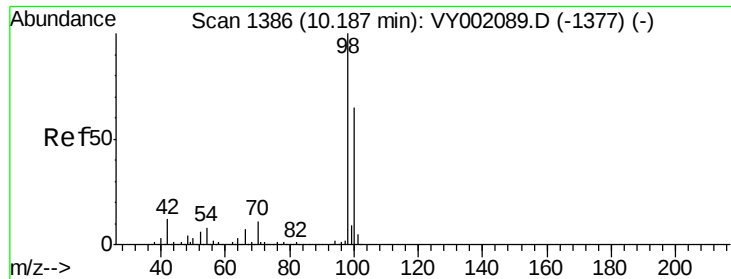
#35
 Dibromofluoromethane
 Concen: 51.990 ug/l
 RT: 7.74 min Scan# 984
 Delta R.T. 0.00 min
 Lab File: VY002204.D
 Acq: 02 Apr 2020 19:42

Tgt Ion	Ratio	Lower	Upper
113	100		
111	105.2	84.4	126.6
192	18.0	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: 52.685 ug/l

RT: 10.19 min Scan# 1386

Delta R.T. 0.00 min

Lab File: VY002204.D

Acq: 02 Apr 2020 19:42

Instrument :

MSVOA_Y

ClientSampleId :

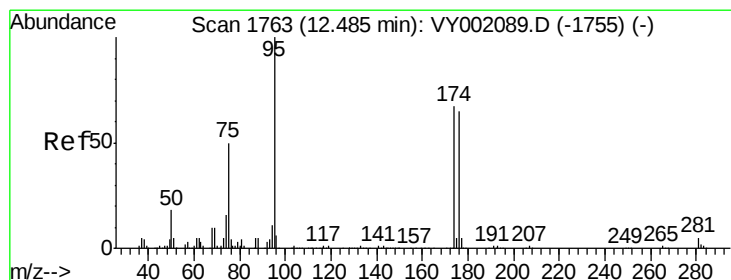
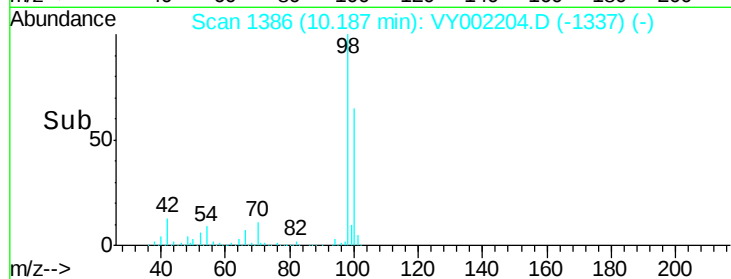
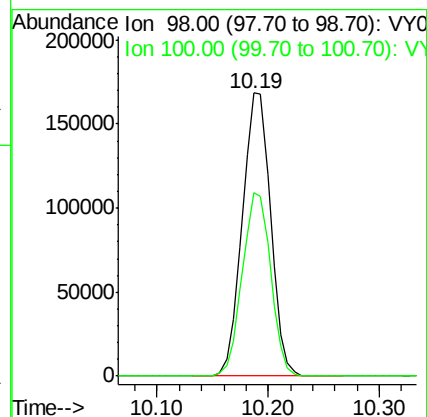
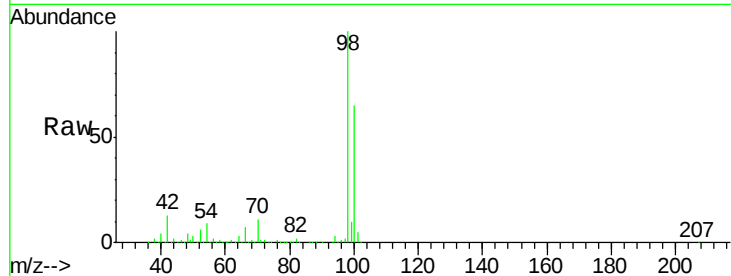
FK-GF-02-055-A

Tot Ion: 98 Resp: 297269

Ion Ratio Lower Upper

98 100

100 64.8 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 50.301 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VY002204.D

Acq: 02 Apr 2020 19:42

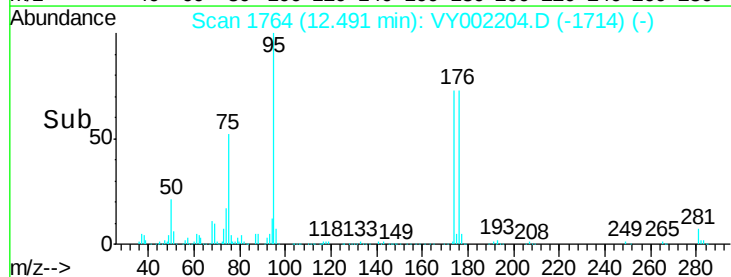
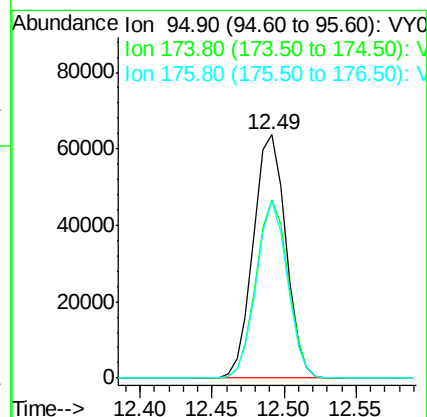
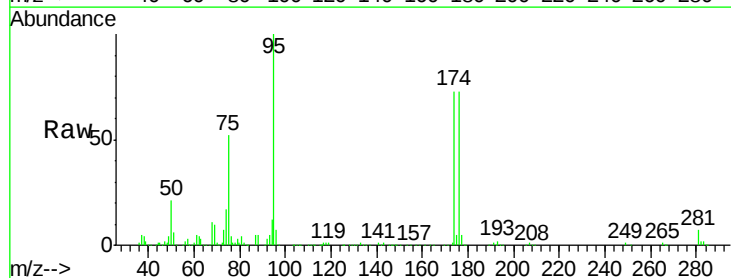
Tgt Ion: 95 Resp: 99260

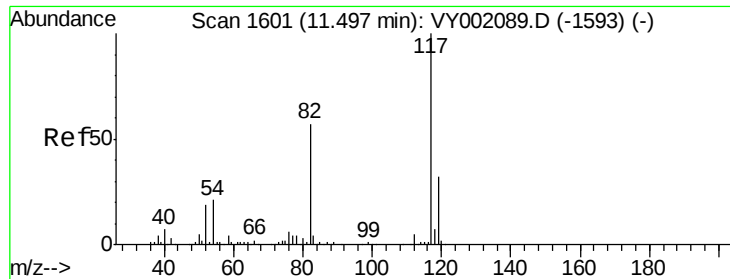
Ion Ratio Lower Upper

95 100

174 72.2 0.0 143.4

176 69.7 0.0 137.0

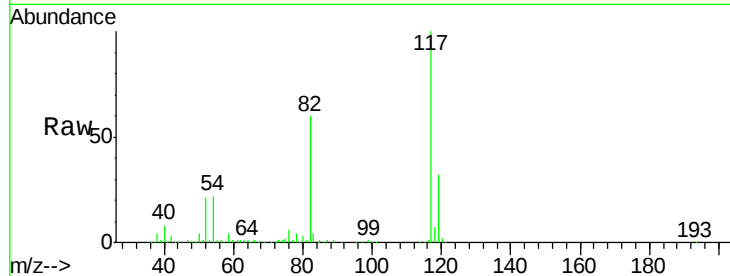




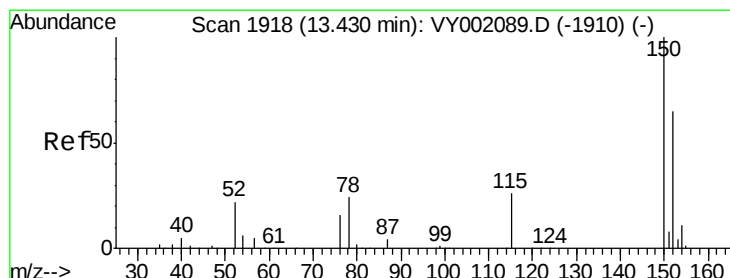
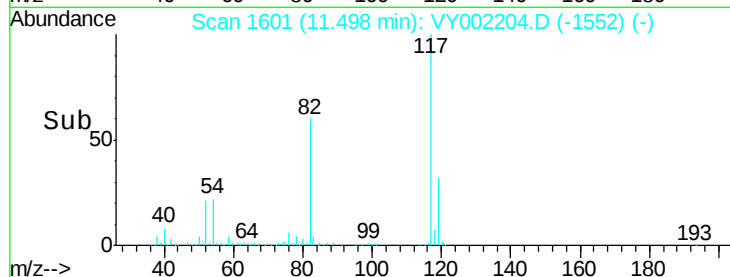
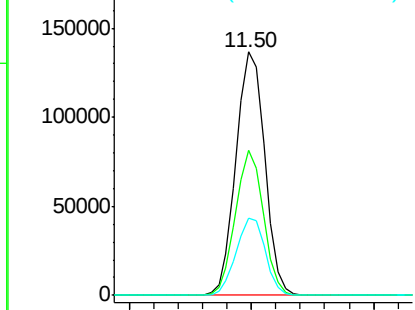
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VY002204.D
Acq: 02 Apr 2020 19:42

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

Tot Ion:117 Resp: 222953
Ion Ratio Lower Upper
117 100
82 59.8 45.4 68.2
119 31.9 25.3 37.9

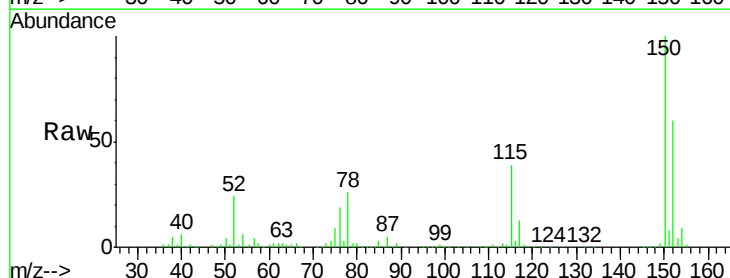


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VY0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. 0.01 min
Lab File: VY002204.D
Acq: 02 Apr 2020 19:42

Tgt Ion:152 Resp: 89149
Ion Ratio Lower Upper
152 100
115 62.9 31.2 93.6
150 163.2 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

