

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
 Data File : VY001786.D
 Acq On : 26 Feb 2020 16:52
 Operator : SY/MD
 Sample : L1697-02
 Misc : 4.16G/5ML/MSVOA Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-053-A

Quant Time: Feb 27 02:33:15 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

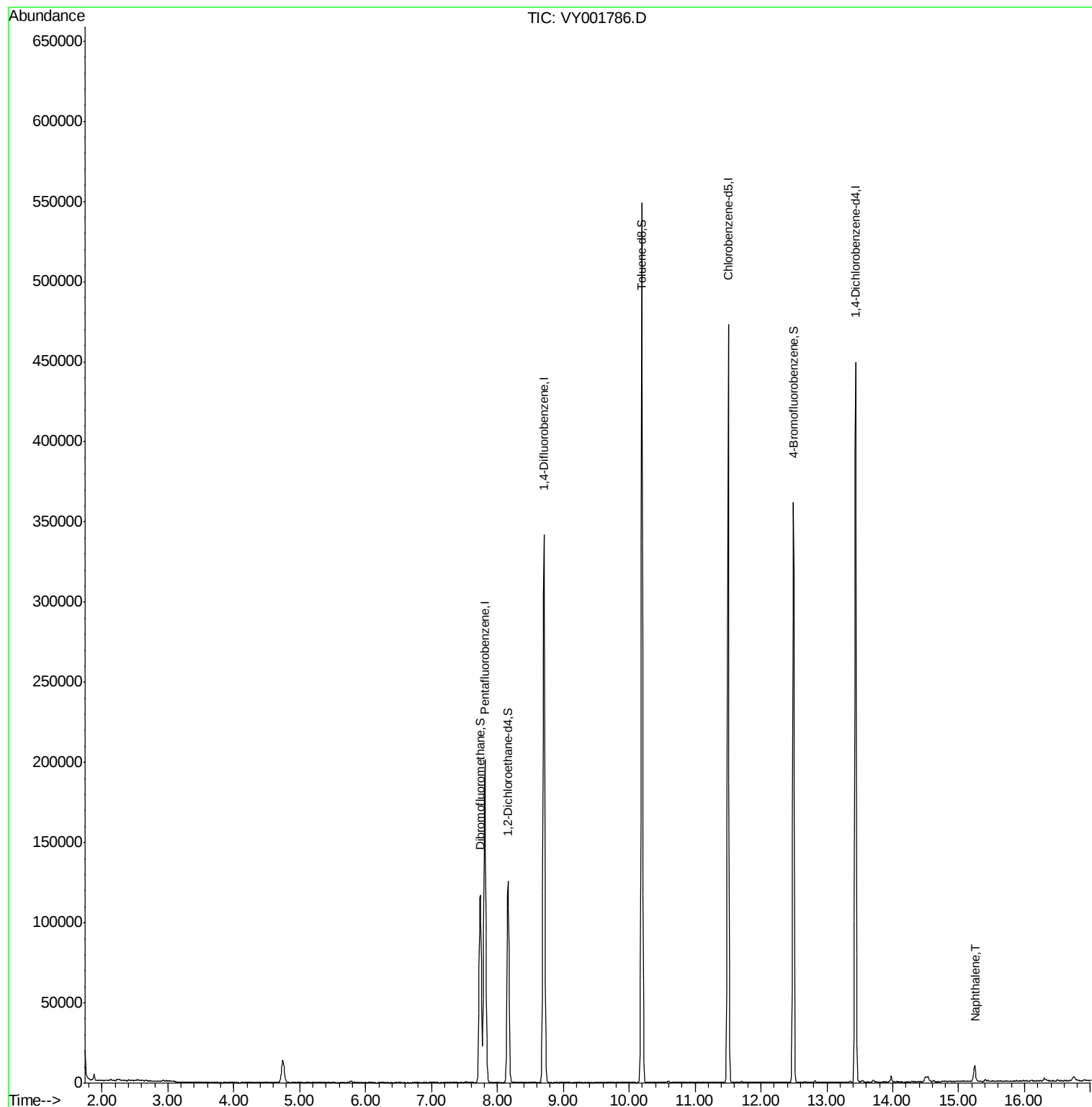
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	153507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	289706	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	255381	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	107808	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	93809	56.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.62%	
35) Dibromofluoromethane	7.74	113	84948	51.19	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	102.38%	
50) Toluene-d8	10.19	98	345829	53.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.40%	
62) 4-Bromofluorobenzene	12.49	95	113848	45.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.16%	
Target Compounds						
95) Naphthalene	15.25	128	6328	1.300	ug/l	Qvalue 96

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001786.D

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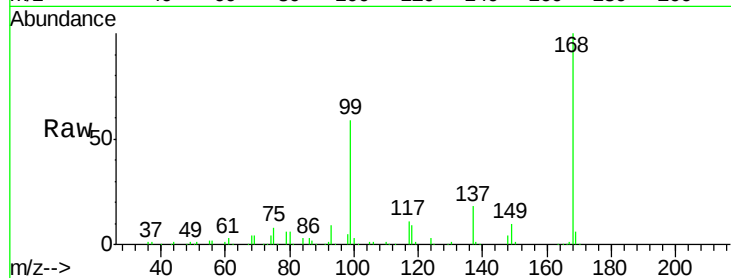
FK-GF-02-053-A

Tot Ion:168 Resp: 153507

Ion Ratio Lower Upper

168 100

99 59.5 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001786.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001786.D (-948) (-)

7.81

60000

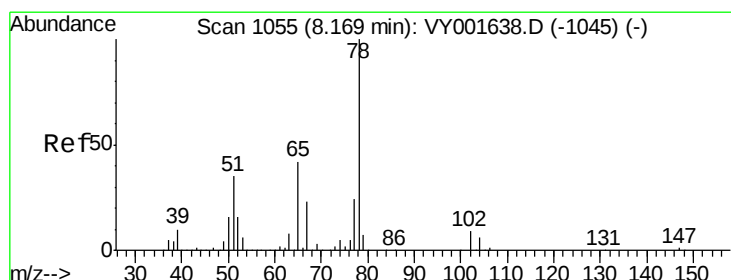
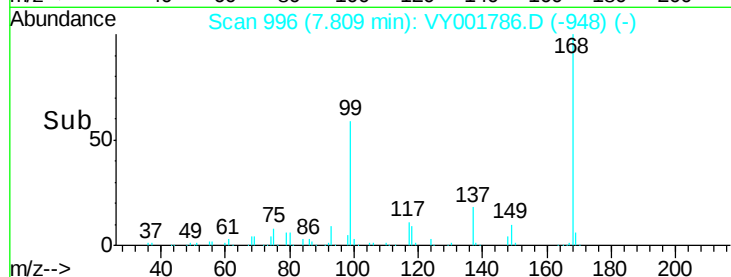
40000

20000

0

7.70 7.80 7.90

Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.813 ug/l

RT: 8.16 min Scan# 1054

Delta R.T. -0.01 min

Lab File: VY001786.D

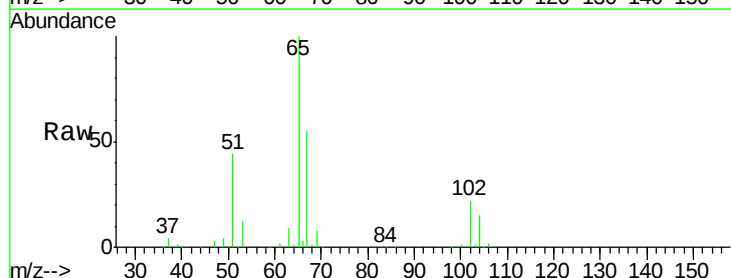
Acq: 26 Feb 2020 16:52

Tgt Ion: 65 Resp: 93809

Ion Ratio Lower Upper

65 100

67 54.5 0.0 111.0



Abundance Ion 64.90 (64.60 to 65.60): VY001786.D (-1006) (-)

Ion 66.90 (66.60 to 67.60): VY001786.D (-1006) (-)

8.16

50000

40000

30000

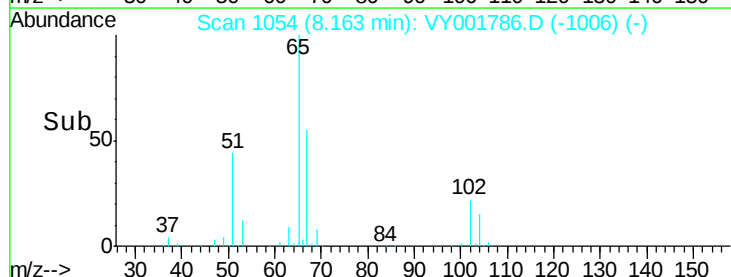
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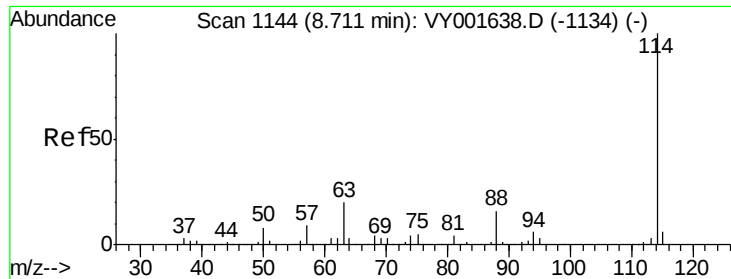
10000

0

8.10 8.20

Time-->

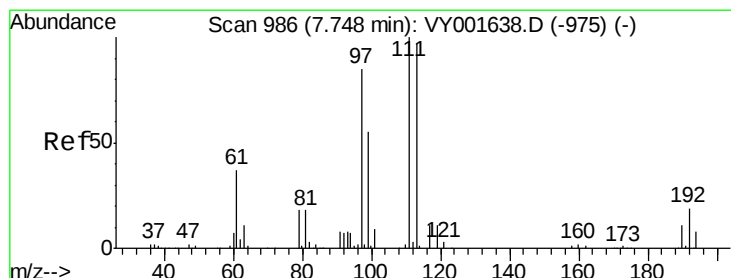
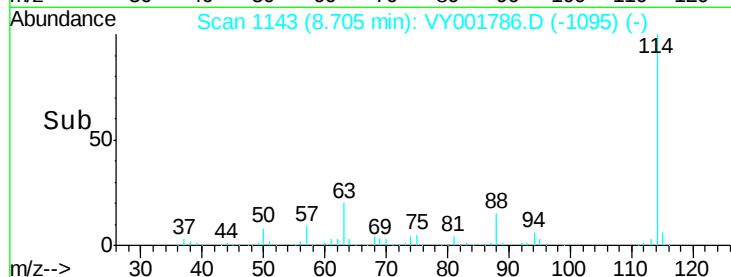
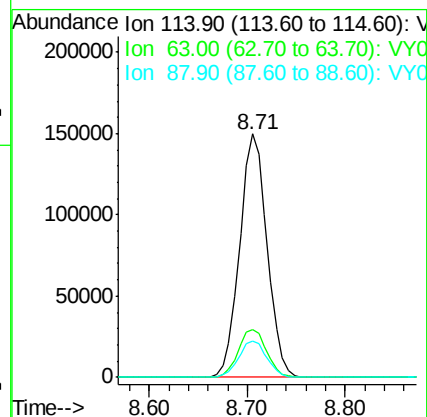
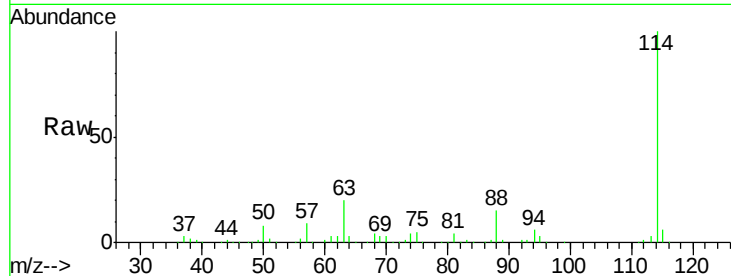




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.71 min Scan# 1143
Delta R.T. -0.01 min
Lab File: VY001786.D
Acq: 26 Feb 2020 16:52

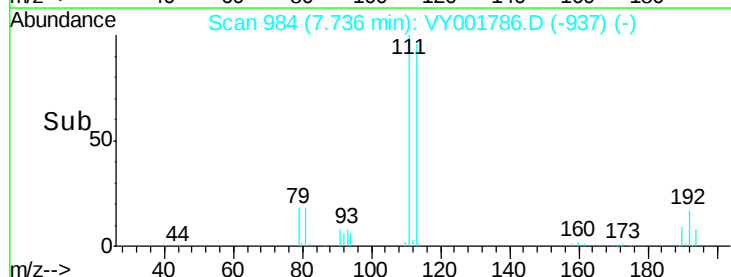
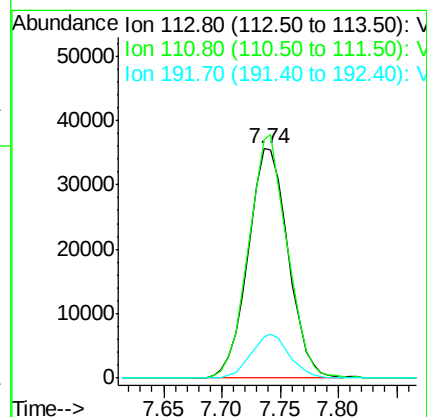
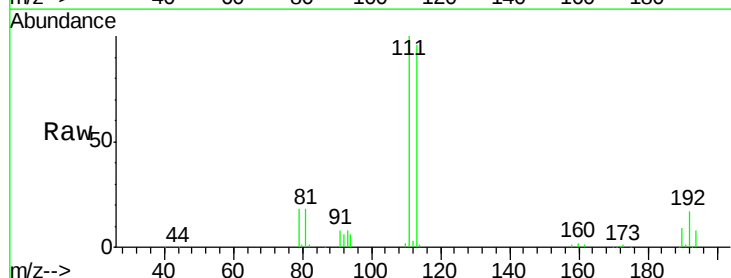
Instrument :
MSVOA_Y
ClientSampleId :
FK-GF-02-053-A

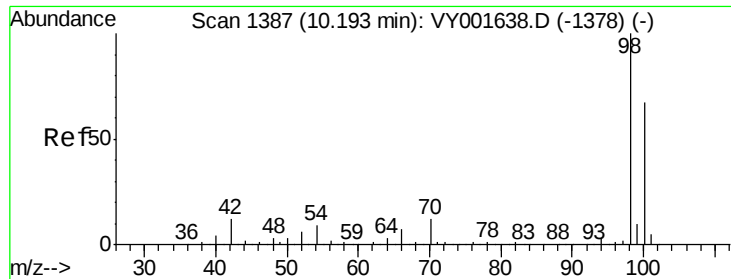
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	41.4
88	15.0	0.0	32.8



#35
Dibromofluoromethane
Concen: 51.195 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.01 min
Lab File: VY001786.D
Acq: 26 Feb 2020 16:52

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.9	122.9
192	18.4	14.3	21.5





#50

Toluene-d8

Concen: 53.199 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VY001786.D

Acq: 26 Feb 2020 16:52

Instrument :

MSVOA_Y

ClientSampleId :

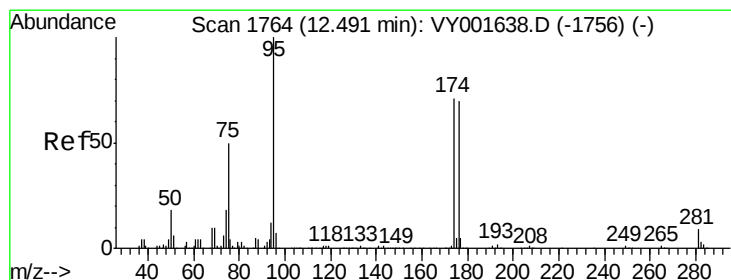
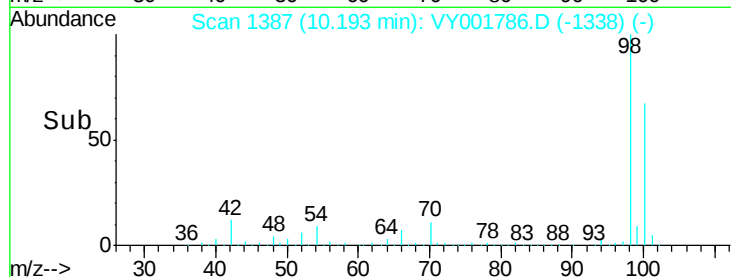
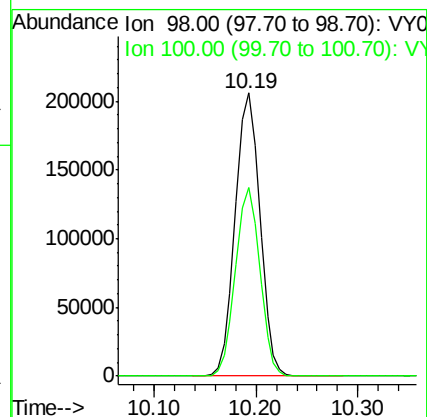
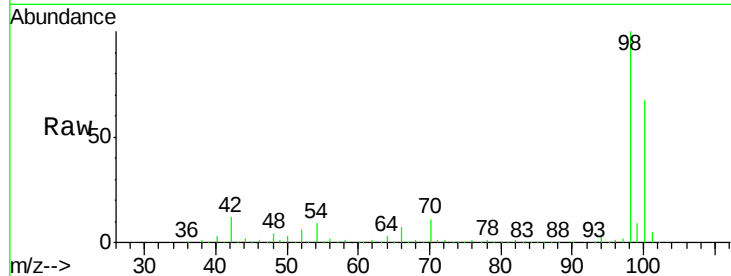
FK-GF-02-053-A

Tot Ion: 98 Resp: 345829

Ion Ratio Lower Upper

98 100

100 65.6 53.0 79.4



#62

4-Bromofluorobenzene

Concen: 45.080 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001786.D

Acq: 26 Feb 2020 16:52

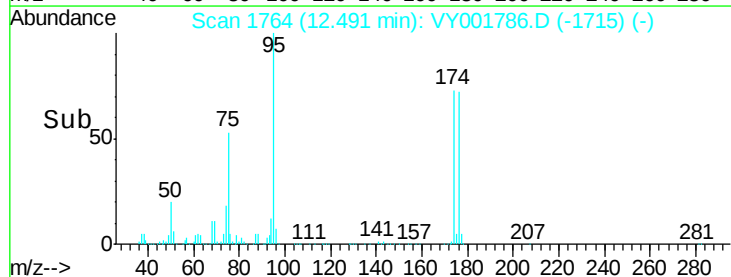
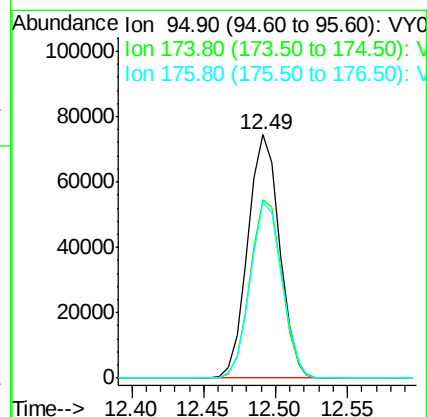
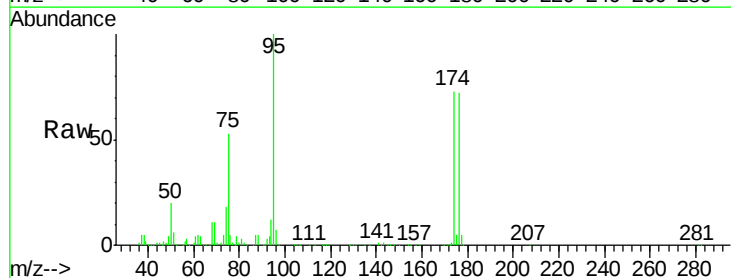
Tgt Ion: 95 Resp: 113848

Ion Ratio Lower Upper

95 100

174 73.2 0.0 138.4

176 72.0 0.0 131.8

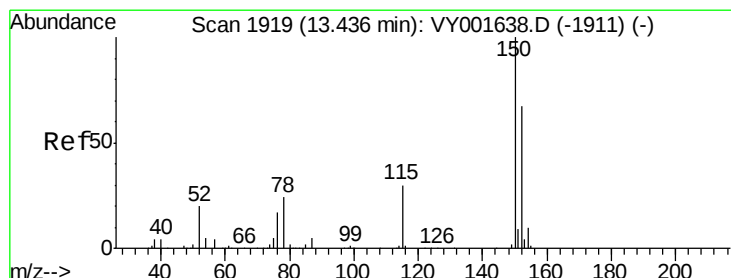
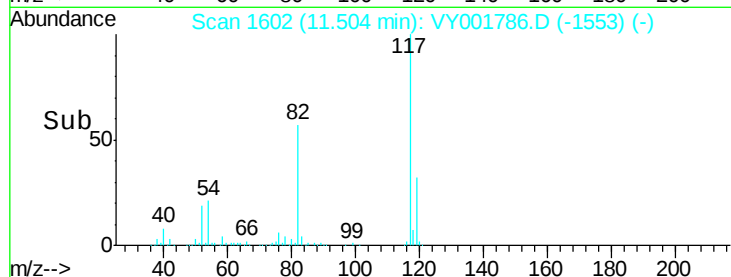
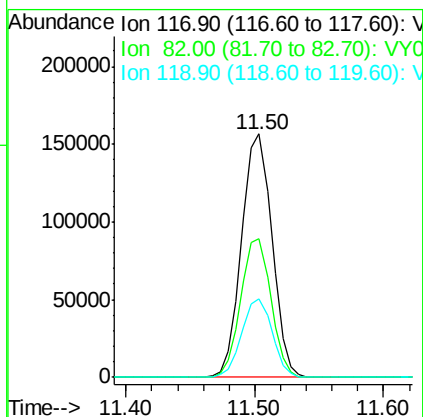
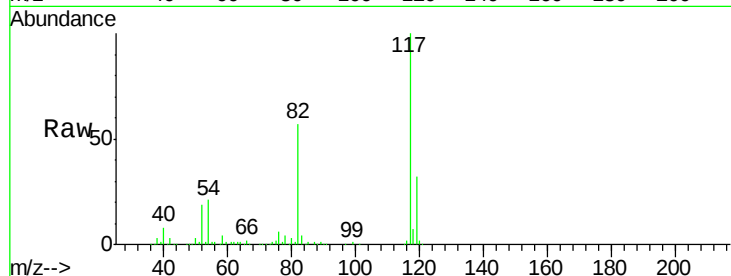




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY001786.D
Acq: 26 Feb 2020 16:52

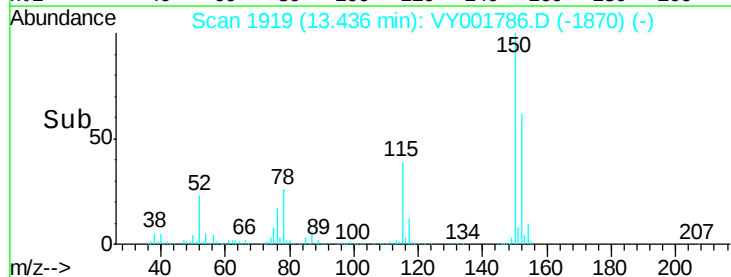
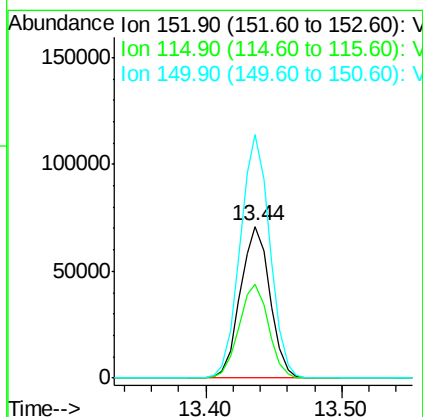
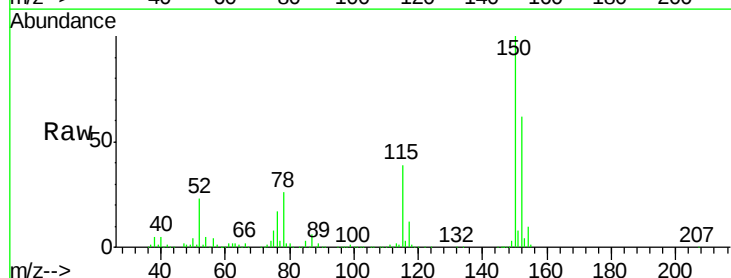
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MSVOA_Y
ClientSampleId :
FK-GF-02-053-A

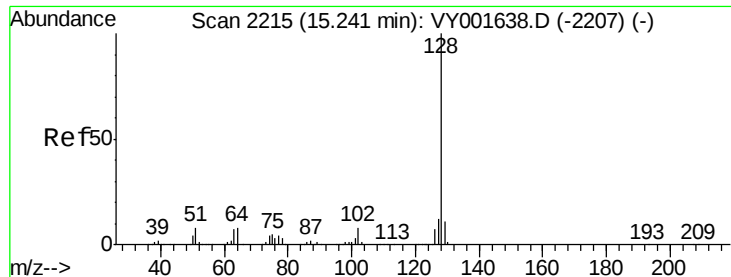
Tot Ion:117 Resp: 255381
Ion Ratio Lower Upper
117 100
82 56.8 45.5 68.3
119 32.3 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.44 min Scan# 1919
Delta R.T. -0.00 min
Lab File: VY001786.D
Acq: 26 Feb 2020 16:52

Tgt Ion:152 Resp: 107808
Ion Ratio Lower Upper
152 100
115 61.7 31.4 94.2
150 160.6 0.0 407.2

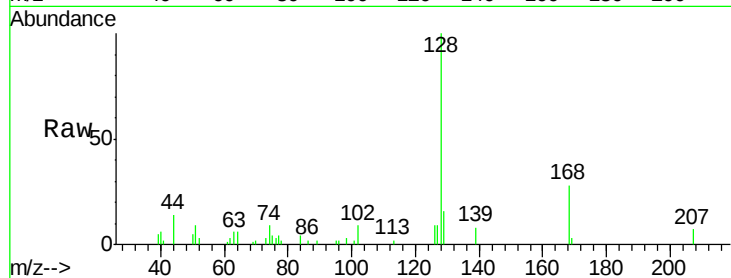




#95
 Naphthalene
 Concen: 1.300 ug/l
 RT: 15.25 min Scan# 2216
 Delta R.T. 0.01 min
 Lab File: VY001786.D
 Acq: 26 Feb 2020 16:52

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-053-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	11.6	9.9	14.9
129	12.9	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 127.00 (126.70 to 127.70): V
 Ion 129.00 (128.70 to 129.70): V

