

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
 Data File : VY001788.D
 Acq On : 26 Feb 2020 17:36
 Operator : SY/MD
 Sample : L1696-02
 Misc : 6.45G/5ML/MSVOA Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Feb 27 02:37:20 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

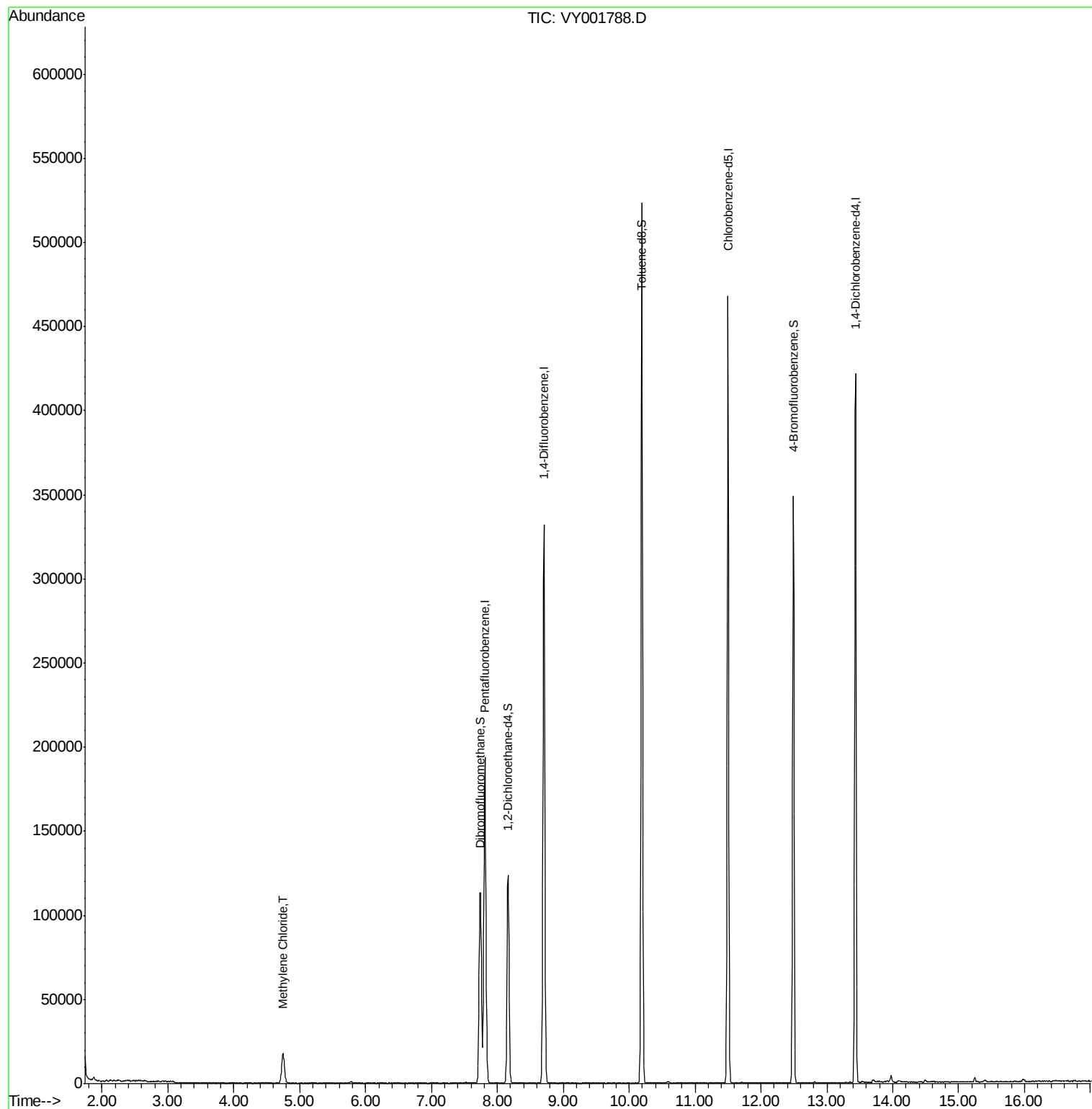
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	146706	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	279736	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	253204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	102498	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	90878	57.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.18%	
35) Dibromofluoromethane	7.74	113	80907	50.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.00%	
50) Toluene-d8	10.19	98	339731	54.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.24%	
62) 4-Bromofluorobenzene	12.49	95	111067	45.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.10%	
Target Compounds						
20) Methylene Chloride	4.74	84	12525	6.458	ug/l	Qvalue 93

(#) = 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: VY001788.D

Acq: 26 Feb 2020 17:36

Instrument :

MSVOA_Y

ClientSampleId :

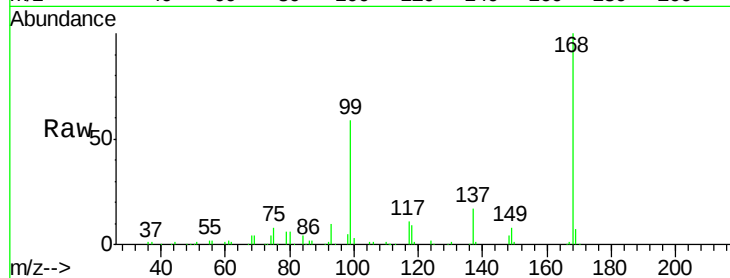
FK-GF-02-052-A

Tot Ion:168 Resp: 146706

Ion Ratio Lower Upper

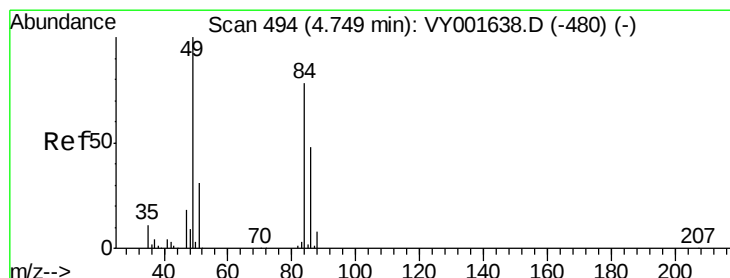
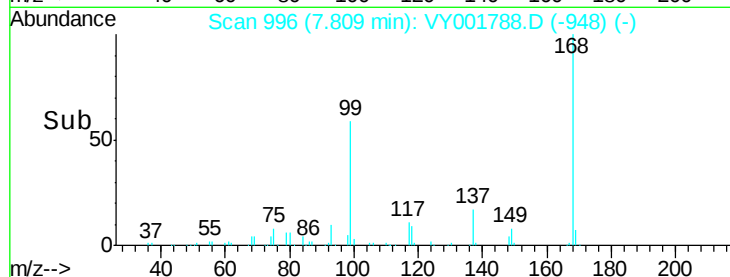
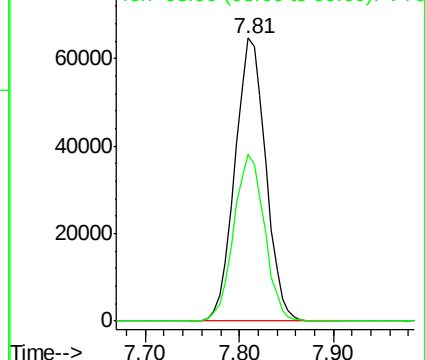
168 100

99 59.0 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001788.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001788.D (-948) (-)



#20

Methylene Chloride

Concen: 6.458 ug/l

RT: 4.74 min Scan# 493

Delta R.T. -0.01 min

Lab File: VY001788.D

Acq: 26 Feb 2020 17:36

Tgt Ion: 84 Resp: 12525

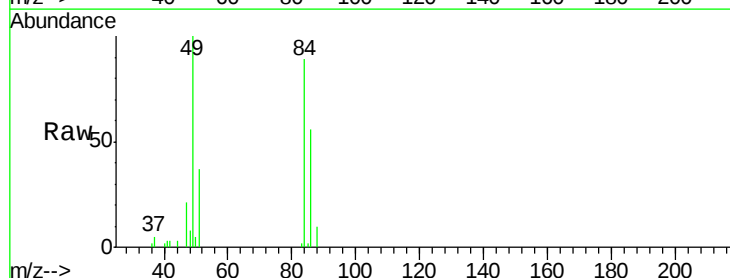
Ion Ratio Lower Upper

84 100

49 112.4 99.2 148.8

51 42.1 31.5 47.3

86 62.8 51.0 76.6

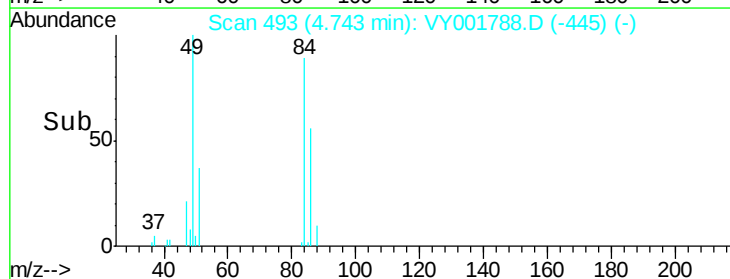
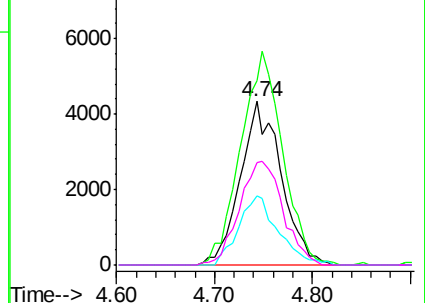


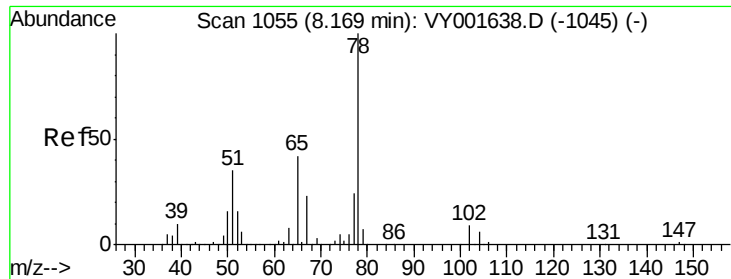
Abundance Ion 83.90 (83.60 to 84.60): VY001788.D (-445) (-)

Ion 48.90 (48.60 to 49.60): VY001788.D (-445) (-)

Ion 50.90 (50.60 to 51.60): VY001788.D (-445) (-)

Ion 85.90 (85.60 to 86.60): VY001788.D (-445) (-)

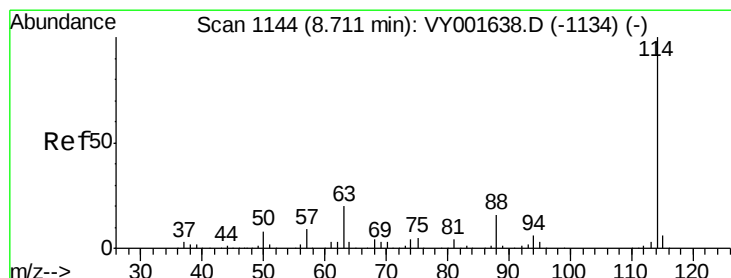
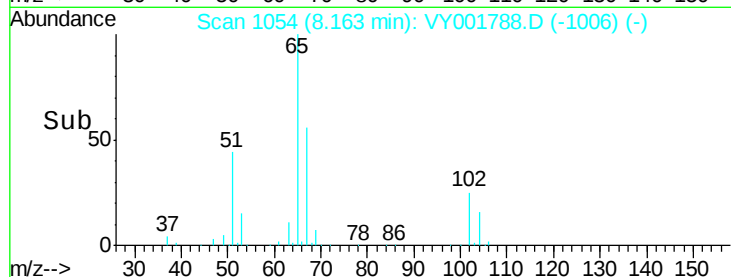
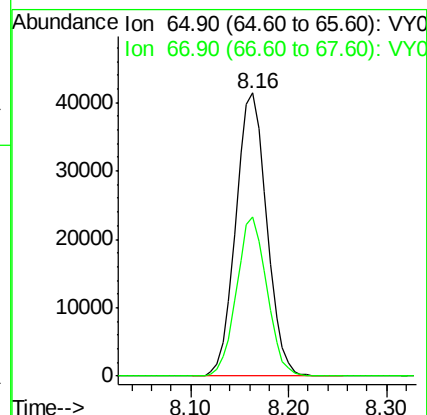
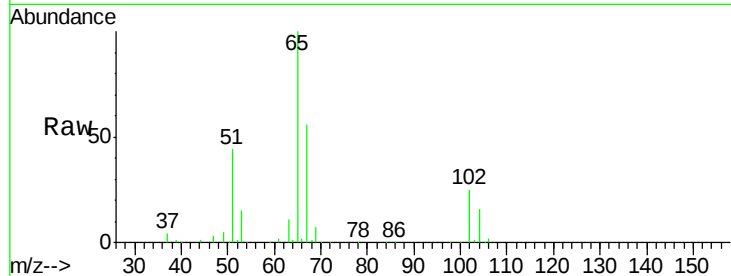




#33
 1,2-Dichloroethane-d4
 Concen: 57.589 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001788.D
 Acq: 26 Feb 2020 17:36

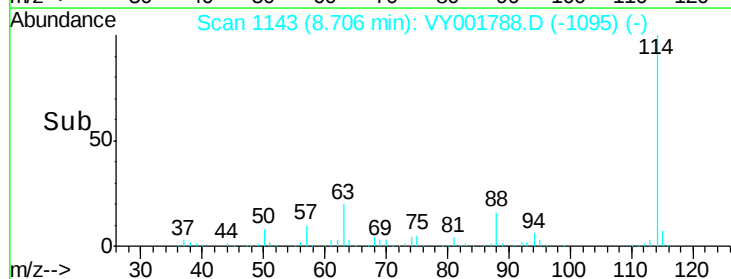
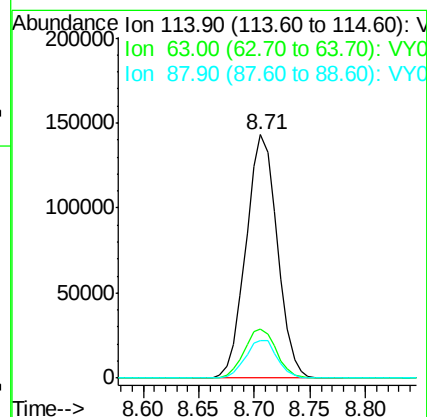
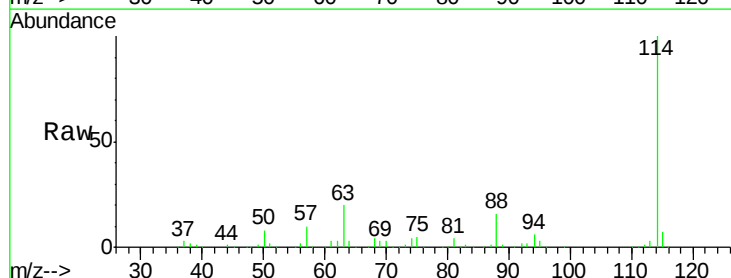
Instrument :
 MSVOA_Y
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 FK-GF-02-052-A

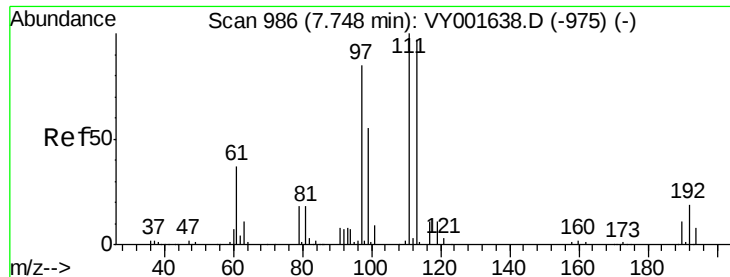
Tot Ion: 65 Resp: 90878
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001788.D
 Acq: 26 Feb 2020 17:36

Tgt Ion: 114 Resp: 279736
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 41.4
 88 15.7 0.0 32.8

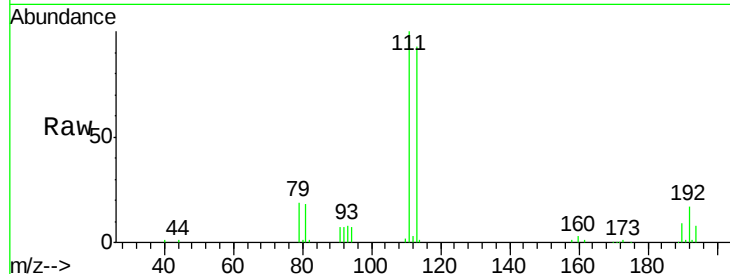




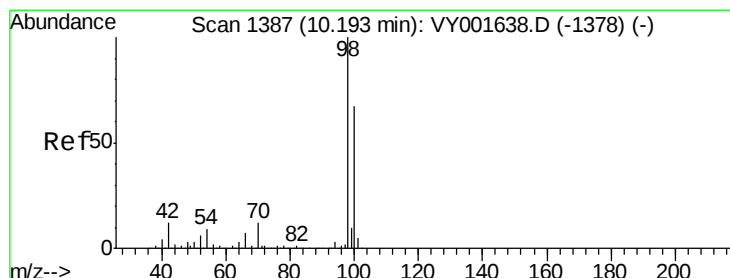
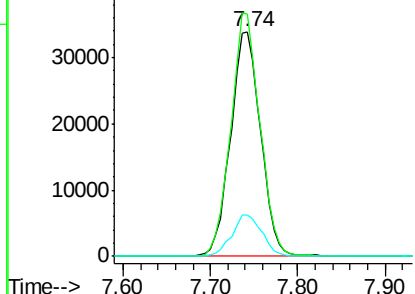
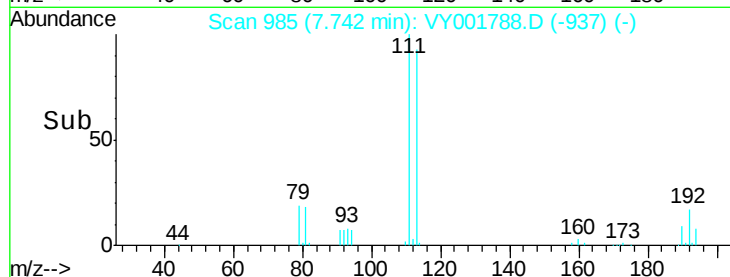
#35
 Dibromofluoromethane
 Concen: 50.497 ug/l
 RT: 7.74 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: VY001788.D
 Acq: 26 Feb 2020 17:36

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

Tot Ion	Ratio	Lower	Upper
113	100		
111	105.2	81.9	122.9
192	18.4	14.3	21.5

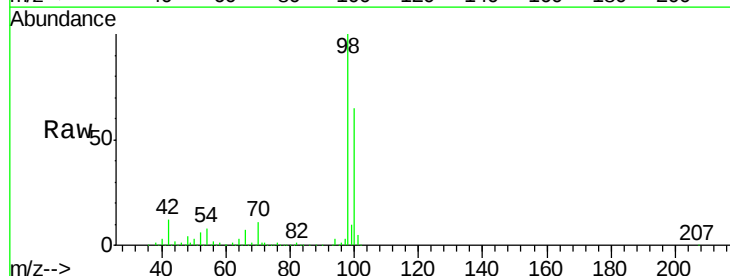


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

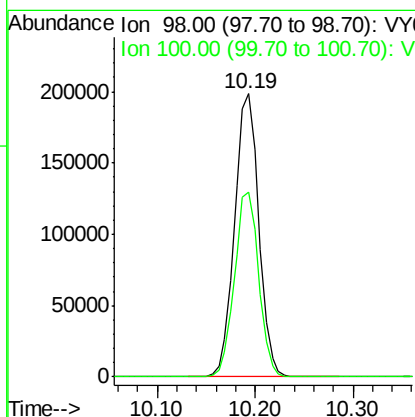
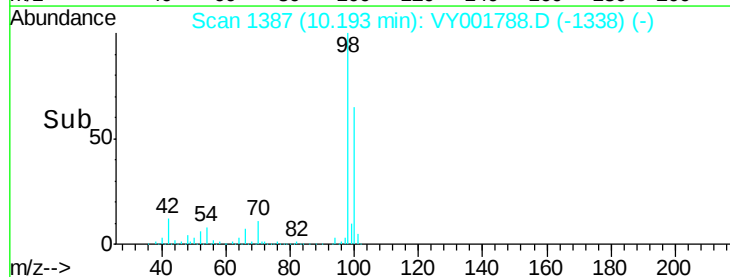


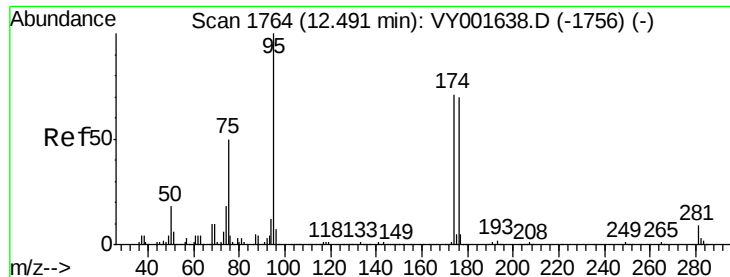
#50
 Toluene-d8
 Concen: 54.124 ug/l
 RT: 10.19 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VY001788.D
 Acq: 26 Feb 2020 17:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.4	53.0	79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0
 Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 45.547 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001788.D

Acq: 26 Feb 2020 17:36

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-052-A

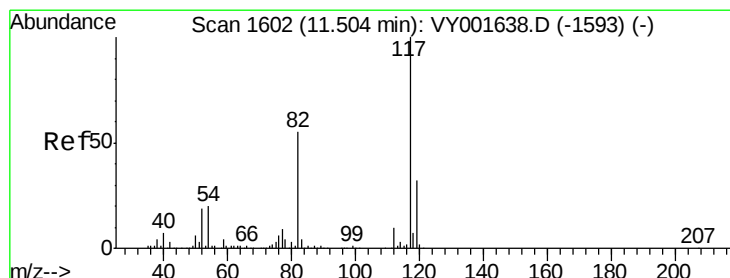
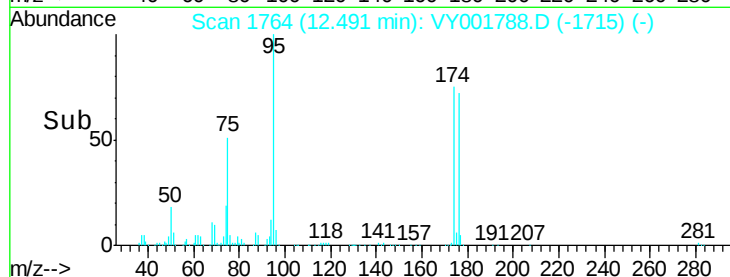
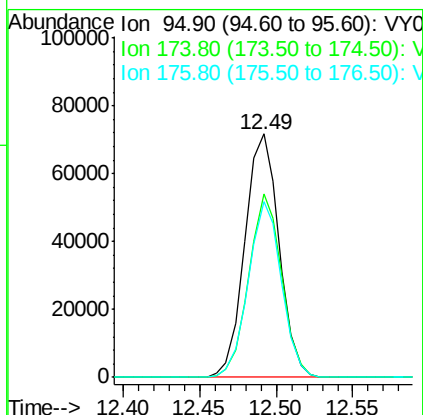
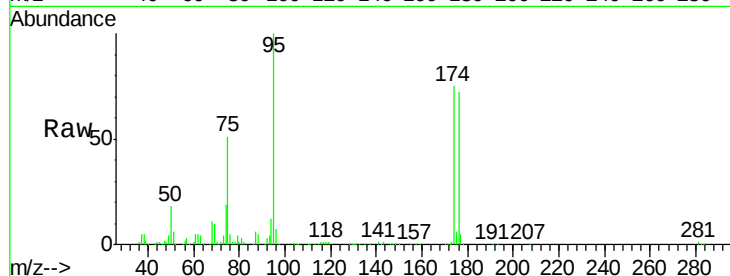
Tot Ion: 95 Resp: 111067

Ion Ratio Lower Upper

95 100

174 72.9 0.0 138.4

176 70.2 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: VY001788.D

Acq: 26 Feb 2020 17:36

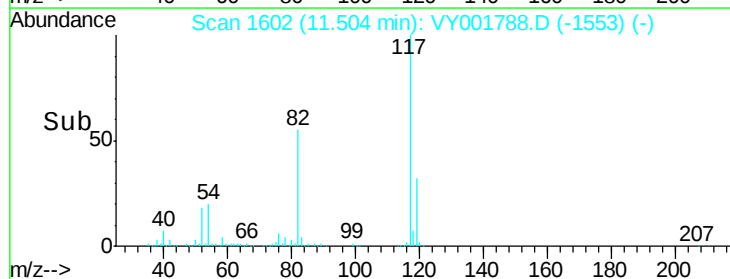
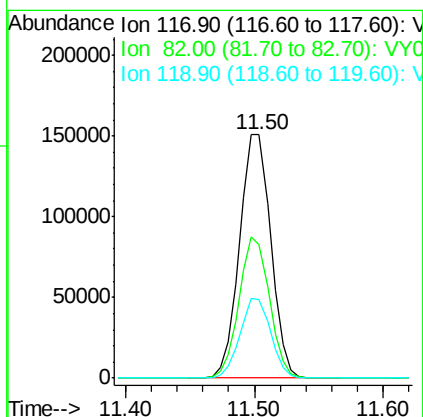
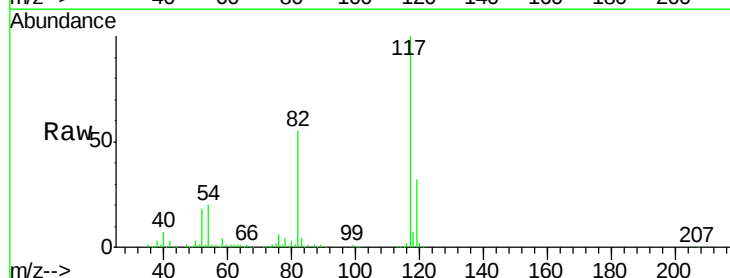
Tgt Ion: 117 Resp: 253204

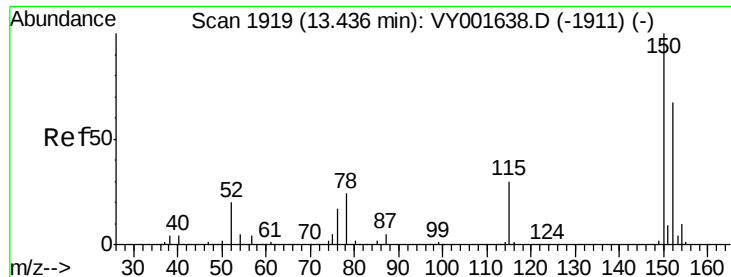
Ion Ratio Lower Upper

117 100

82 54.8 45.5 68.3

119 32.2 25.8 38.6

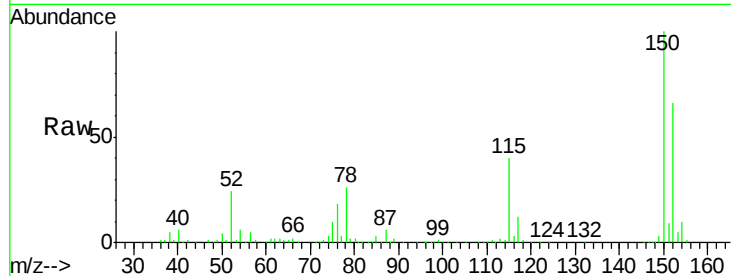




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.44 min Scan# 1919
 Delta R.T. 0.00 min
 Lab File: VY001788.D
 Acq: 26 Feb 2020 17:36

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

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.0	31.4	94.2
150	157.7	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

