

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022620\
 Data File : VY001787.D
 Acq On : 26 Feb 2020 17:14
 Operator : SY/MD
 Sample : L1697-04
 Misc : 6.89G/5ML/MSVOA Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Feb 27 02:35:18 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

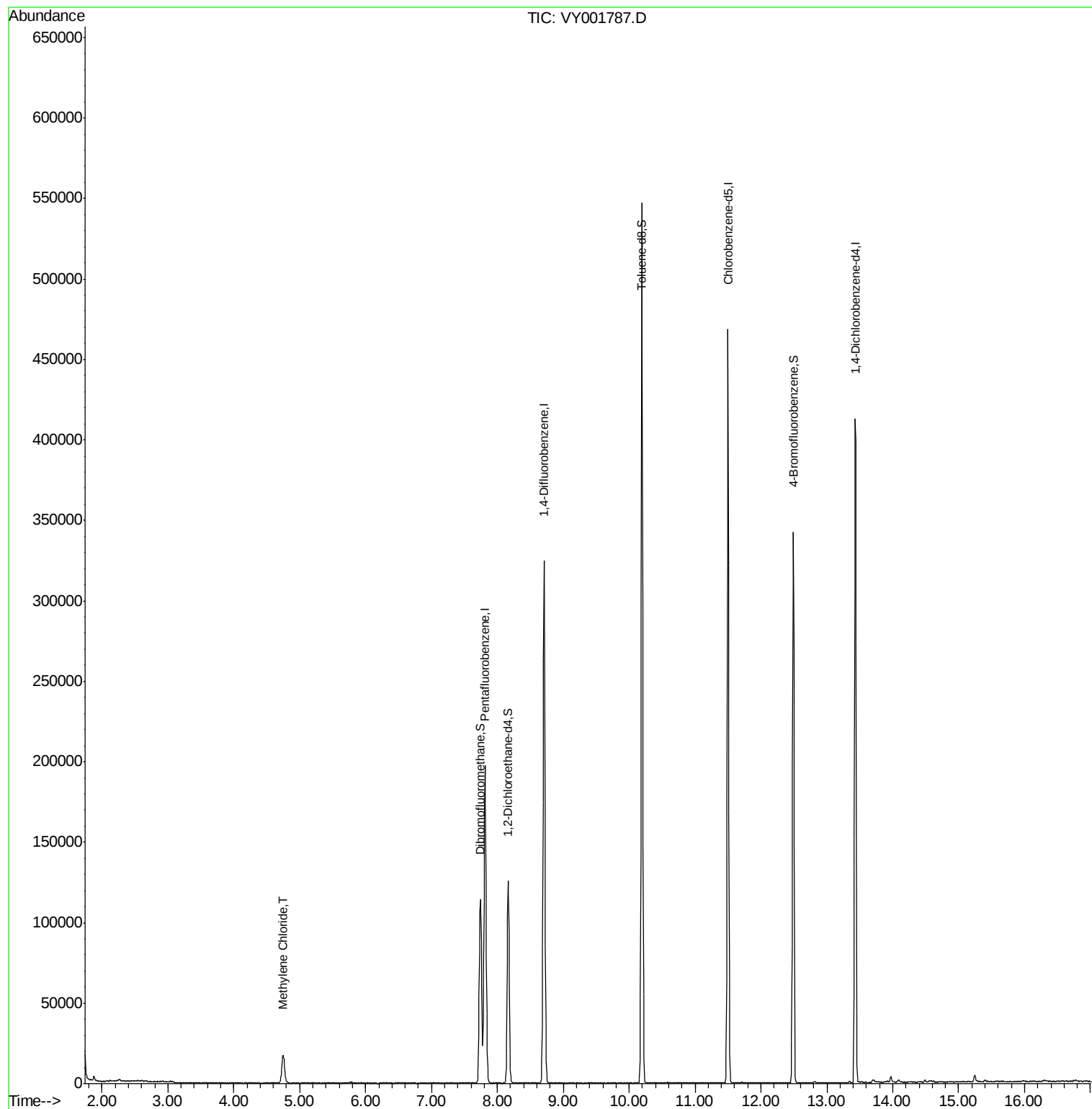
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	152887	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	285083	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	252547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	103293	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	90421	54.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.96%	
35) Dibromofluoromethane	7.74	113	82989	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
50) Toluene-d8	10.19	98	344456	53.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.70%	
62) 4-Bromofluorobenzene	12.49	95	112312	45.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.38%	
Target Compounds						
20) Methylene Chloride	4.74	84	12866	6.366	ug/l	Qvalue 95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.82 min Scan# 997

Delta R.T. 0.00 min

Lab File: VY001787.D

Acq: 26 Feb 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

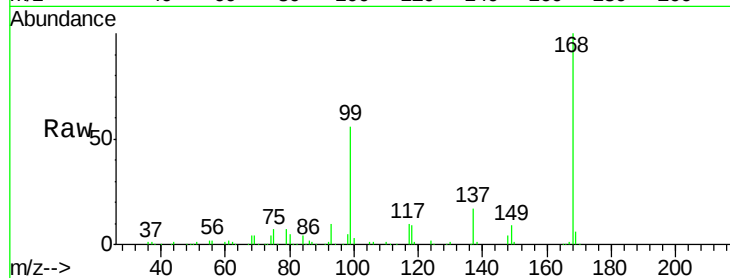
FK-GF-02-053-B

Tot Ion:168 Resp: 152887

Ion Ratio Lower Upper

168 100

99 56.2 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001787.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001787.D (-948) (-)

7.82

60000

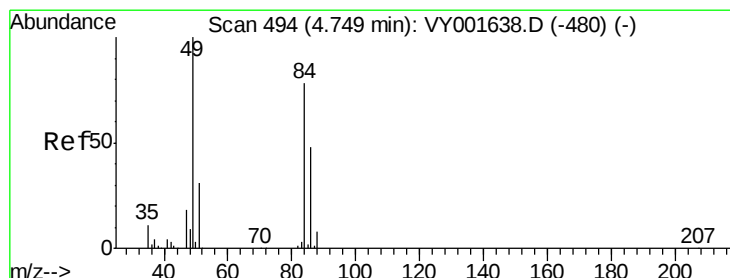
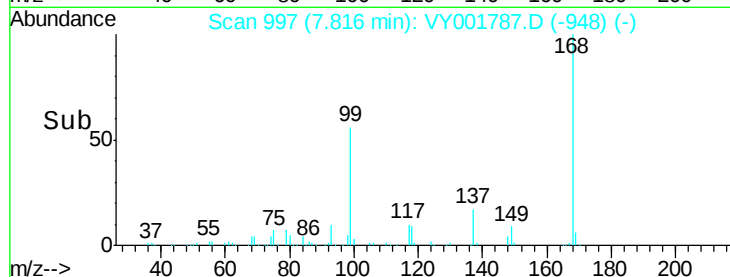
40000

20000

0

7.70 7.80 7.90

Time-->



#20

Methylene Chloride

Concen: 6.366 ug/l

RT: 4.74 min Scan# 493

Delta R.T. -0.01 min

Lab File: VY001787.D

Acq: 26 Feb 2020 17:14

Tgt Ion: 84 Resp: 12866

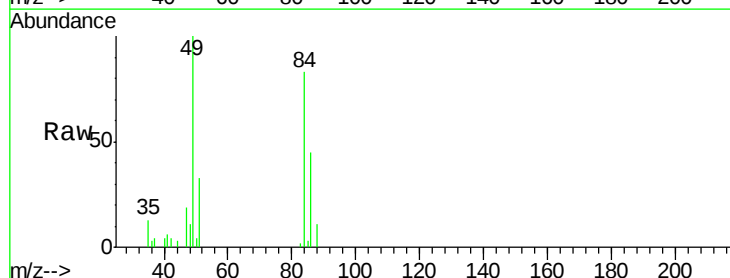
Ion Ratio Lower Upper

84 100

49 120.4 99.2 148.8

51 39.6 31.5 47.3

86 54.1 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VY001787.D (-445) (-)

Ion 48.90 (48.60 to 49.60): VY001787.D (-445) (-)

Ion 50.90 (50.60 to 51.60): VY001787.D (-445) (-)

Ion 85.90 (85.60 to 86.60): VY001787.D (-445) (-)

4.74

6000

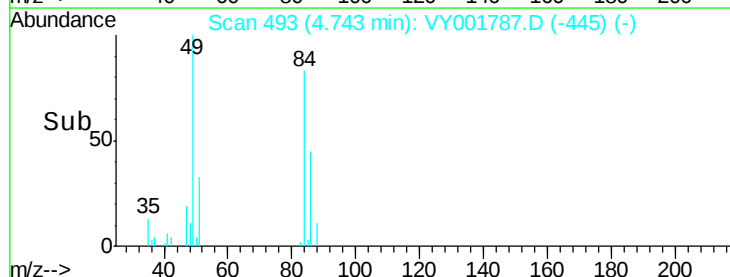
4000

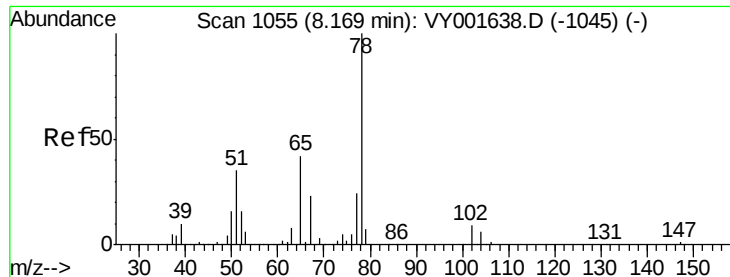
2000

0

4.70 4.80

Time-->

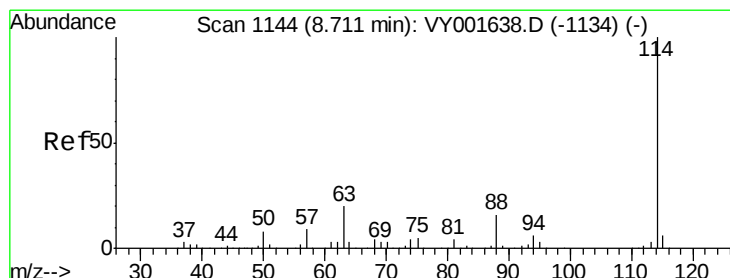
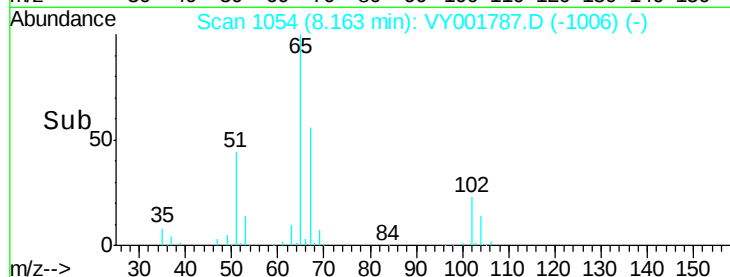
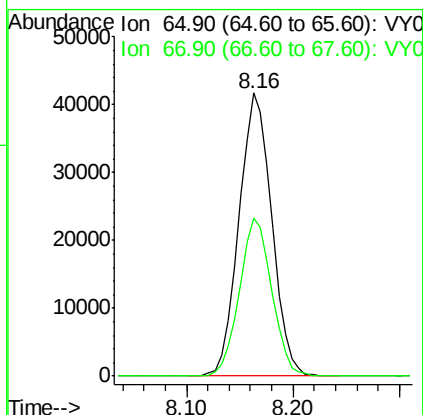
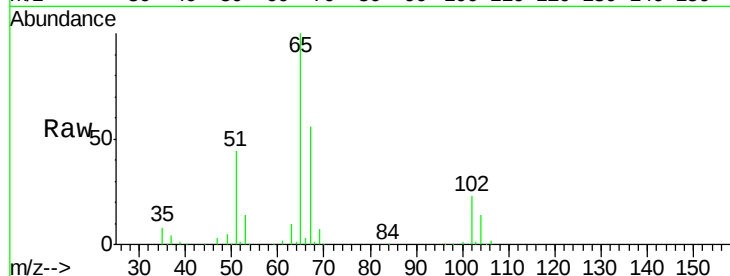




#33
 1,2-Dichloroethane-d4
 Concen: 54.983 ug/l
 RT: 8.16 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: VY001787.D
 Acq: 26 Feb 2020 17:14

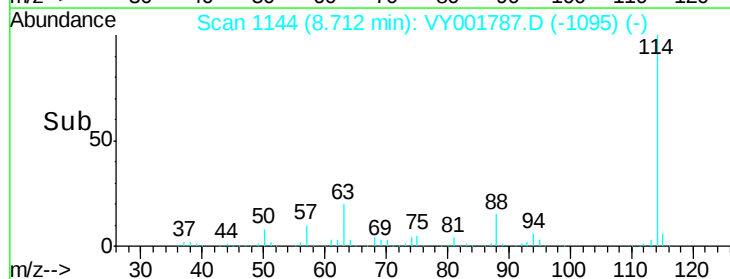
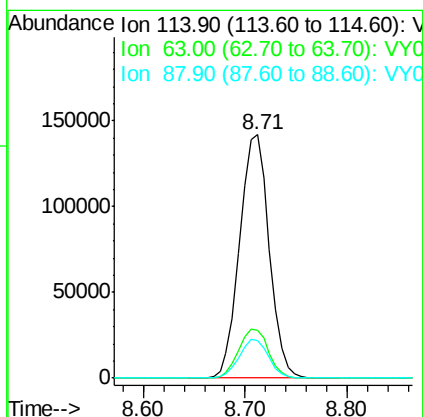
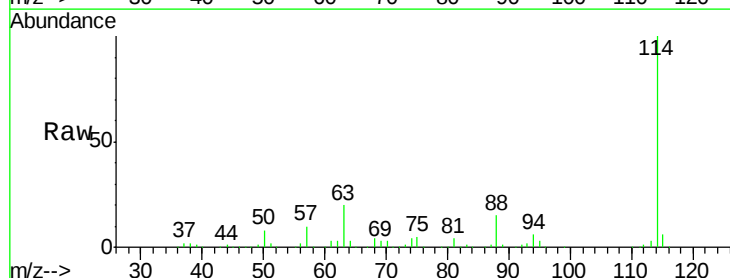
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-GF-02-053-B

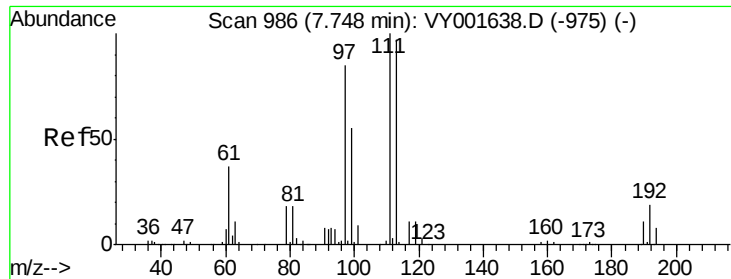
Tot Ion: 65 Resp: 90421
 Ion Ratio Lower Upper
 65 100
 67 55.2 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001787.D
 Acq: 26 Feb 2020 17:14

Tgt Ion: 114 Resp: 285083
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.4
 88 15.2 0.0 32.8





#35

Dibromofluoromethane

Concen: 50.825 ug/l

RT: 7.74 min Scan# 985

Delta R.T. -0.01 min

Lab File: VY001787.D

Acq: 26 Feb 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-053-B

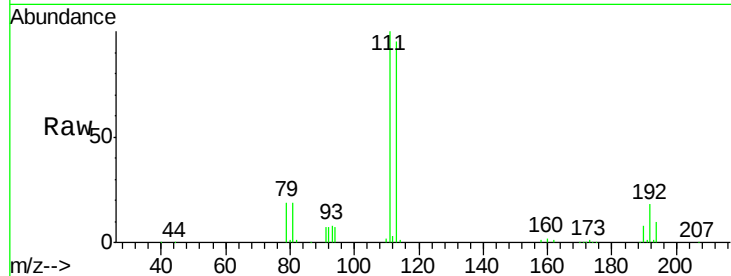
Tot Ion:113 Resp: 82989

Ion Ratio Lower Upper

113 100

111 103.6 81.9 122.9

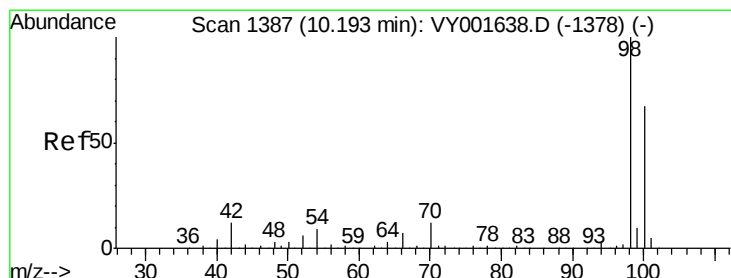
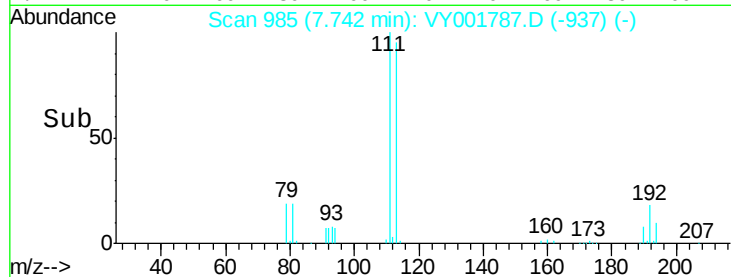
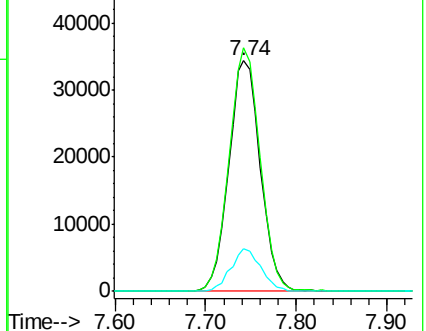
192 17.6 14.3 21.5



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: 53.847 ug/l

RT: 10.19 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VY001787.D

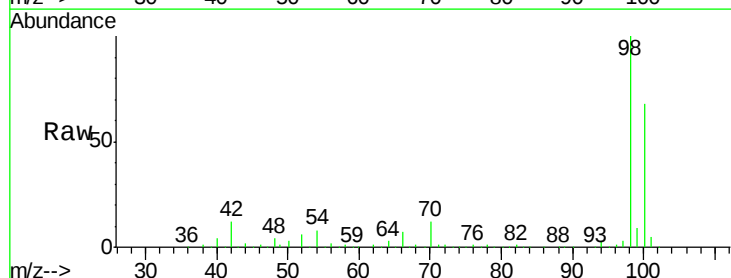
Acq: 26 Feb 2020 17:14

Tgt Ion: 98 Resp: 344456

Ion Ratio Lower Upper

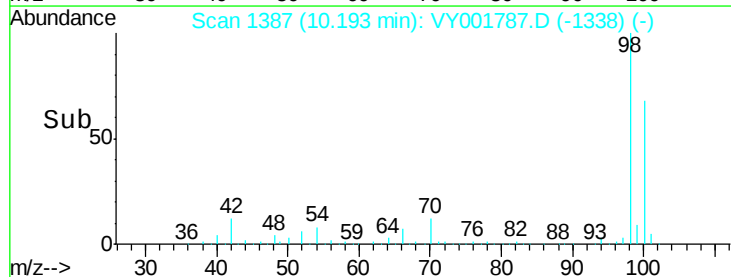
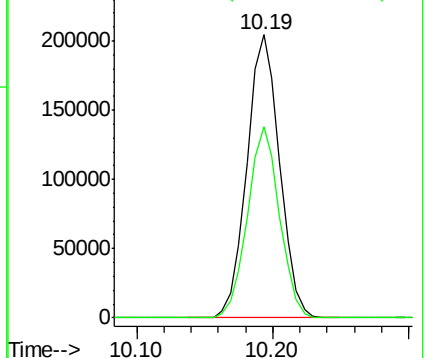
98 100

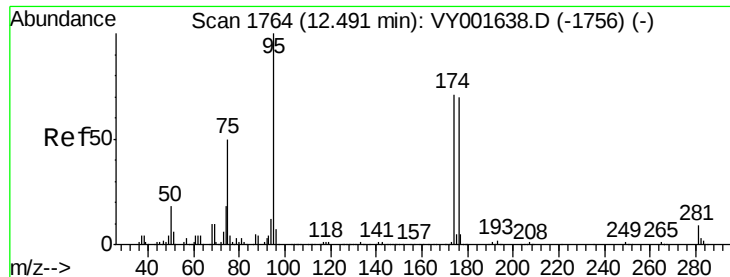
100 66.0 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY





#62

4-Bromofluorobenzene

Concen: 45.193 ug/l

RT: 12.49 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VY001787.D

Acq: 26 Feb 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-053-B

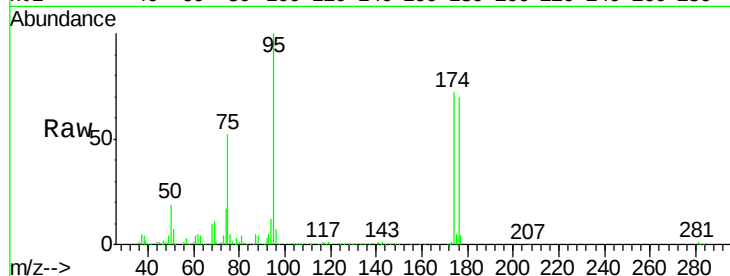
Tot Ion: 95 Resp: 112312

Ion Ratio Lower Upper

95 100

174 71.9 0.0 138.4

176 69.7 0.0 131.8



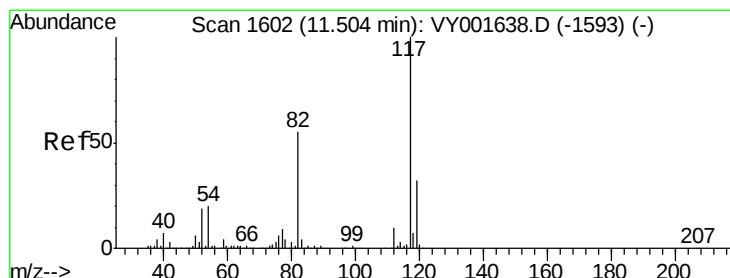
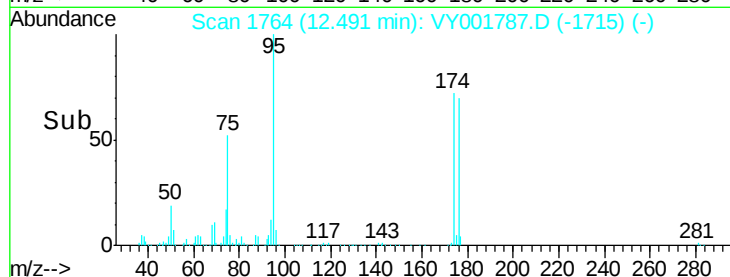
Abundance Ion 94.90 (94.60 to 95.60): VY001638.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001638.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001638.D (-1756) (-)

12.49

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: VY001787.D

Acq: 26 Feb 2020 17:14

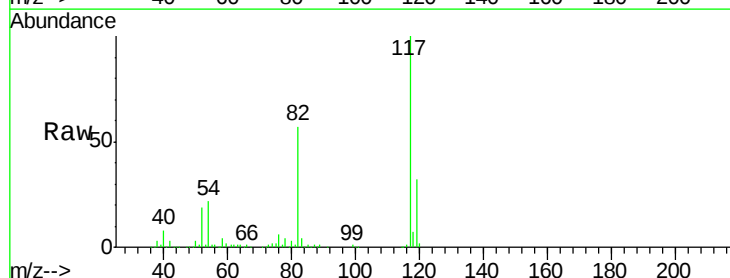
Tgt Ion: 117 Resp: 252547

Ion Ratio Lower Upper

117 100

82 56.6 45.5 68.3

119 32.0 25.8 38.6



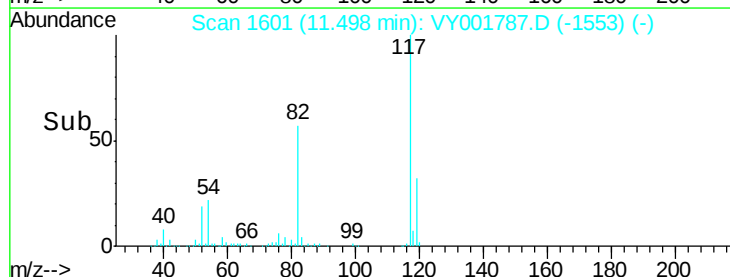
Abundance Ion 116.90 (116.60 to 117.60): VY001638.D (-1593) (-)

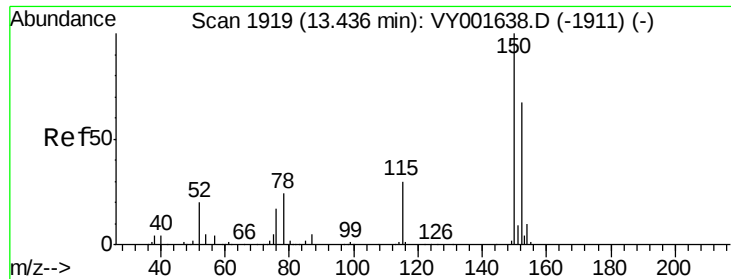
Ion 82.00 (81.70 to 82.70): VY001638.D (-1593) (-)

Ion 118.90 (118.60 to 119.60): VY001638.D (-1593) (-)

11.50

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. 0.00 min

Lab File: VY001787.D

Acq: 26 Feb 2020 17:14

Instrument :

MSVOA_Y

ClientSampleId :

FK-GF-02-053-B

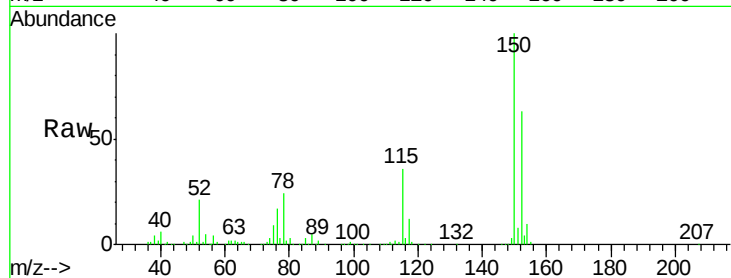
Tot Ion:152 Resp: 103293

Ion Ratio Lower Upper

152 100

115 61.3 31.4 94.2

150 158.2 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

