

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021820\
 Data File : VY001671.D
 Acq On : 18 Feb 2020 15:21
 Operator : SY/MD
 Sample : L1551-04
 Misc : 6.06G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-SF-01-007-B

Quant Time: Feb 19 07:25:45 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

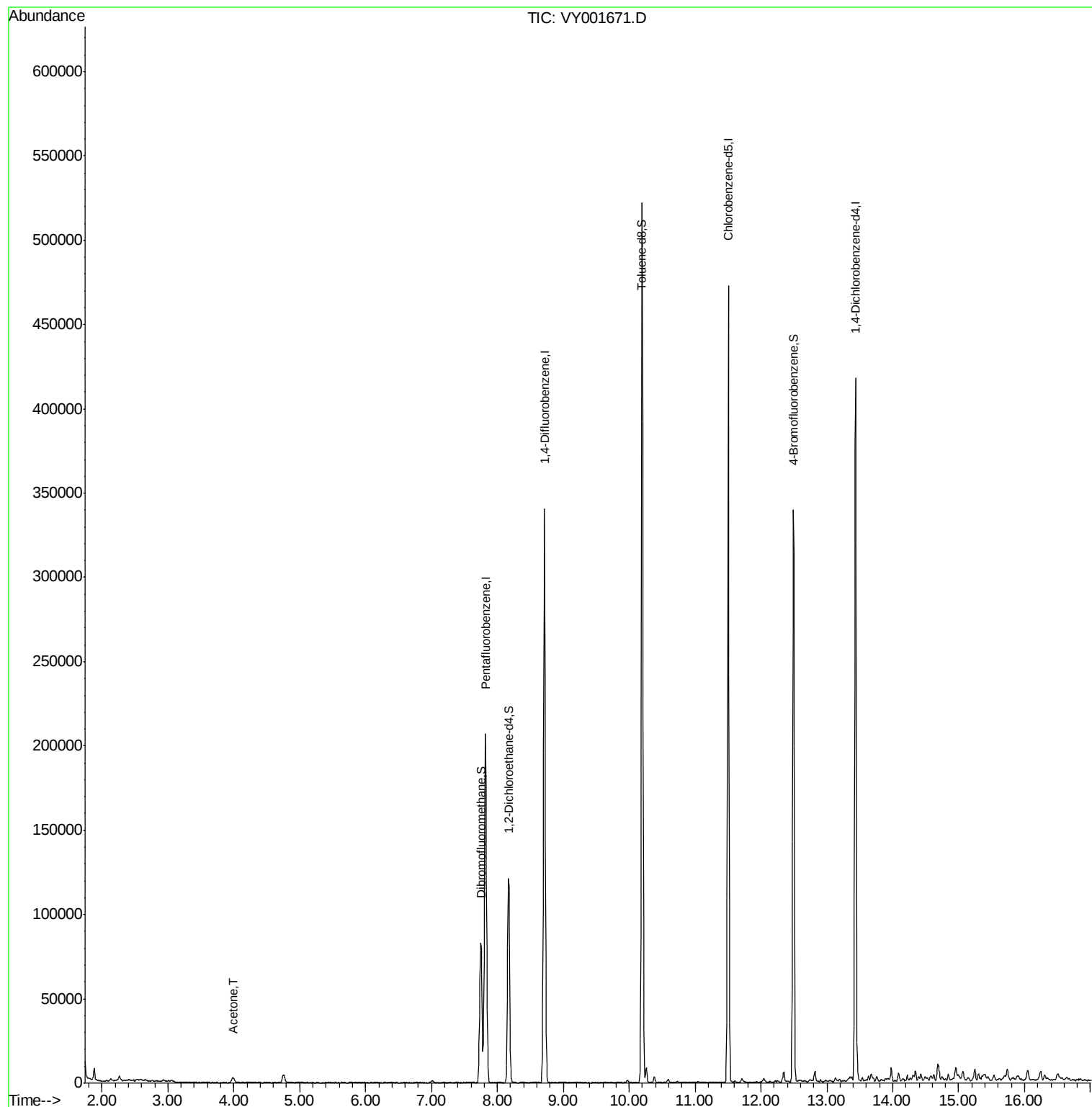
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	155280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	291305	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	251632	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	101735	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	91358	54.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.40%	
35) Dibromofluoromethane	7.75	113	61498	36.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.72%	
50) Toluene-d8	10.20	98	340878	52.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.30%	
62) 4-Bromofluorobenzene	12.49	95	110642	43.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.14%	
Target Compounds						
16) Acetone	3.99	43	5377	9.304	ug/l #	Qvalue 83

(#) = 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# 998

Delta R.T. 0.01 min

Lab File: VY001671.D

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ClientSampleId :

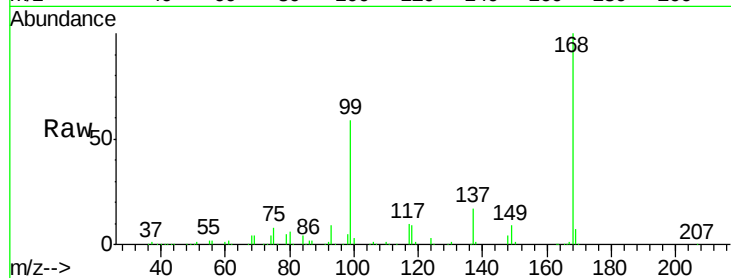
FK-SF-01-007-B

Tot Ion:168 Resp: 155280

Ion Ratio Lower Upper

168 100

99 59.0 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001671.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001671.D (-948) (-)

7.82

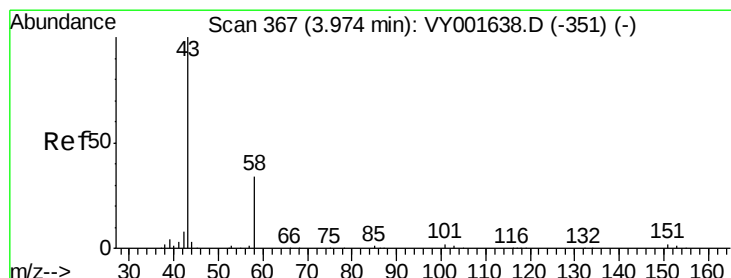
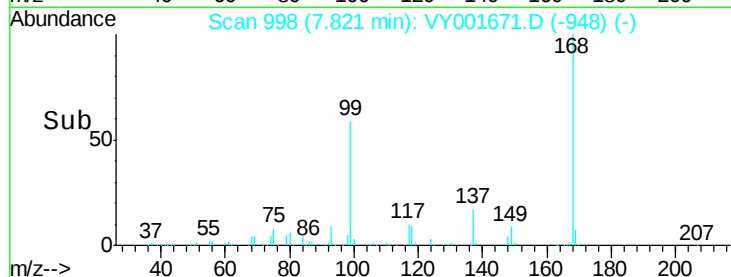
60000

40000

20000

0

Time--> 7.70 7.80 7.90



#16

Acetone

Concen: 9.304 ug/l

RT: 3.99 min Scan# 369

Delta R.T. 0.01 min

Lab File: VY001671.D

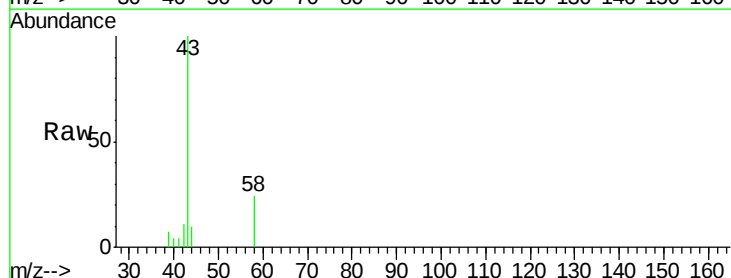
Acq: 18 Feb 2020 15:21

Tgt Ion: 43 Resp: 5377

Ion Ratio Lower Upper

43 100

58 24.3 27.3 40.9#



Abundance Ion 43.00 (42.70 to 43.70): VY001671.D (-318) (-)

Ion 58.00 (57.70 to 58.70): VY001671.D (-318) (-)

3.99

2500

2000

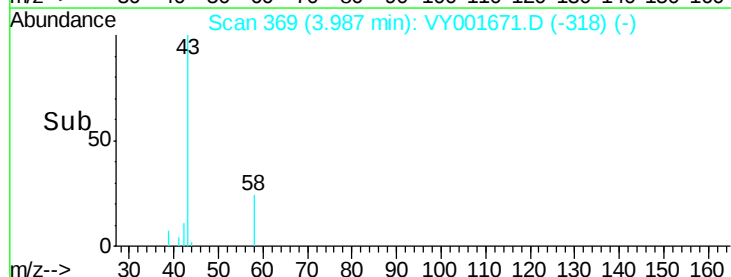
1500

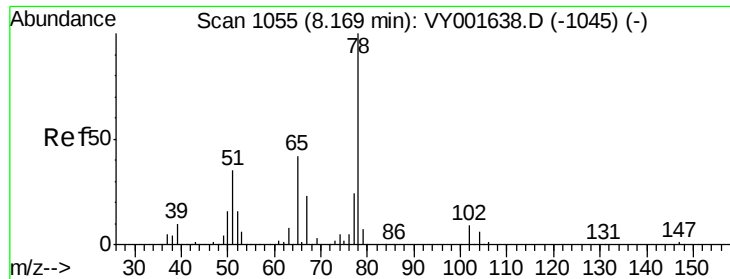
1000

500

0

Time--> 3.90 3.95 4.00 4.05

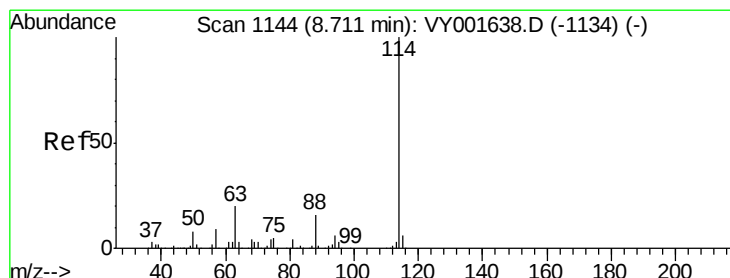
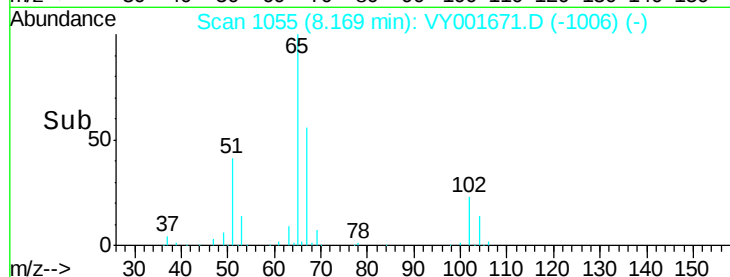
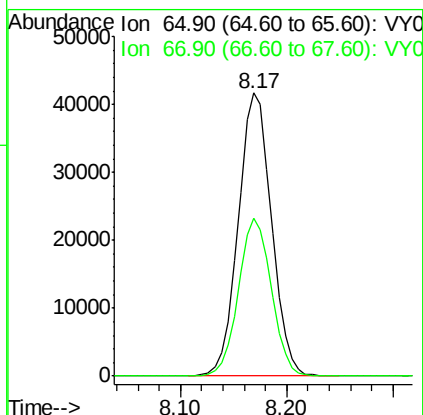
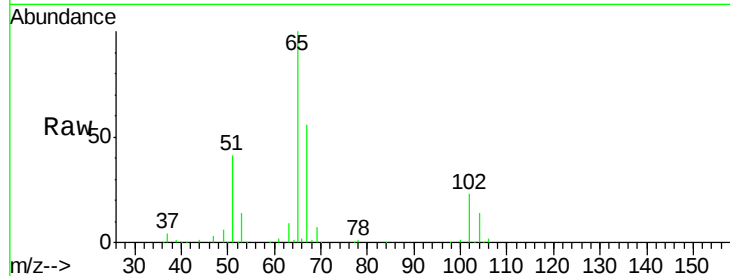




#33
 1,2-Dichloroethane-d4
 Concen: 54.697 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. 0.00 min
 Lab File: VY001671.D
 Acq: 18 Feb 2020 15:21

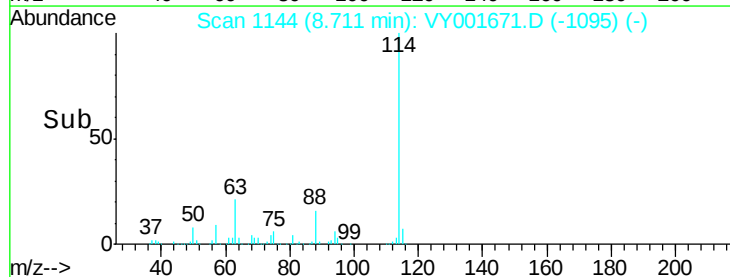
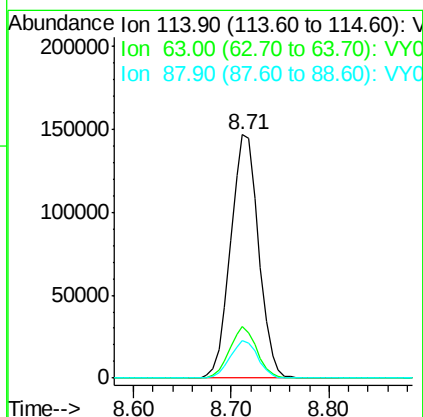
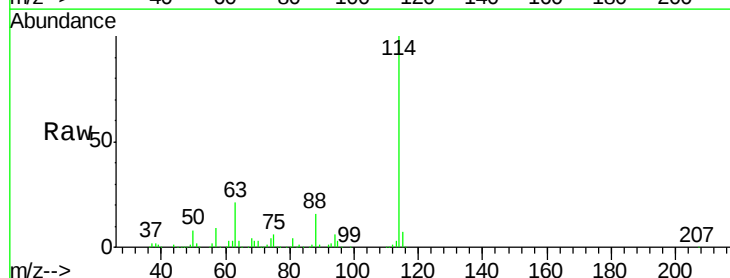
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-SF-01-007-B

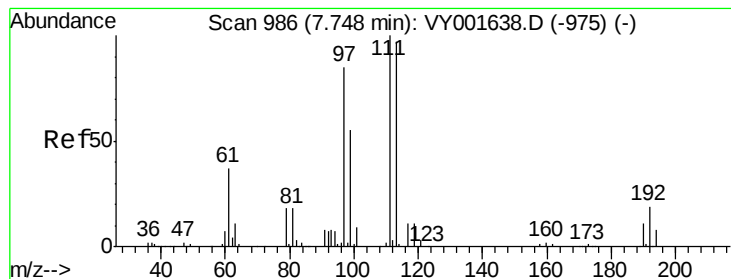
Tot Ion: 65 Resp: 91358
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. 0.00 min
 Lab File: VY001671.D
 Acq: 18 Feb 2020 15:21

Tgt Ion: 114 Resp: 291305
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 41.4
 88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 36.859 ug/l

RT: 7.75 min Scan# 986

Delta R.T. 0.00 min

Lab File: VY001671.D

Acq: 18 Feb 2020 15:21

Instrument :

MSVOA_Y

ClientSampleId :

FK-SF-01-007-B

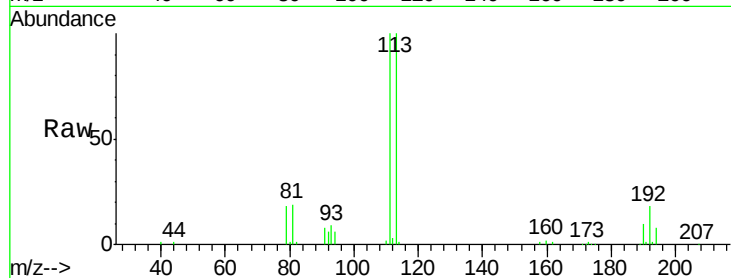
Tot Ion:113 Resp: 61498

Ion Ratio Lower Upper

113 100

111 101.6 81.9 122.9

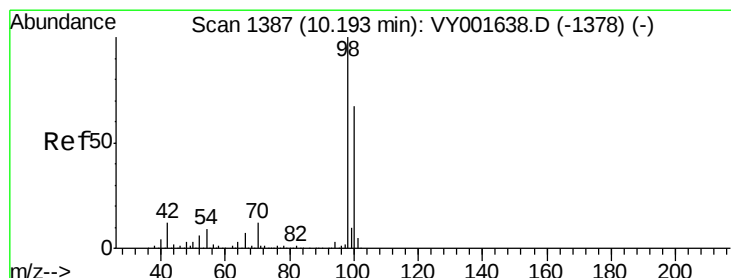
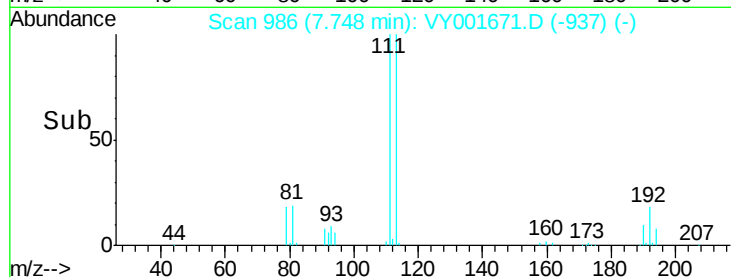
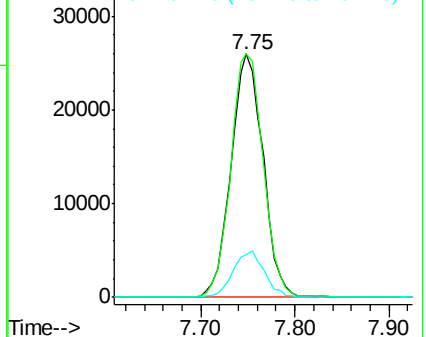
192 18.7 14.3 21.5



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: 52.150 ug/l

RT: 10.20 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VY001671.D

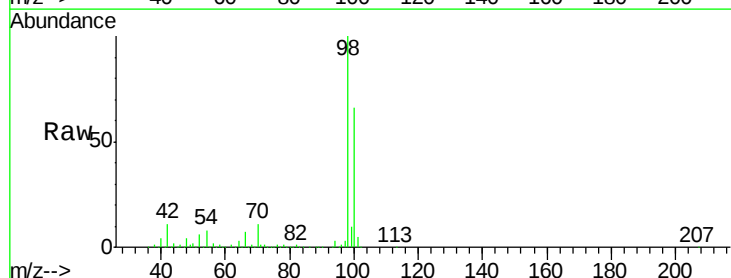
Acq: 18 Feb 2020 15:21

Tgt Ion: 98 Resp: 340878

Ion Ratio Lower Upper

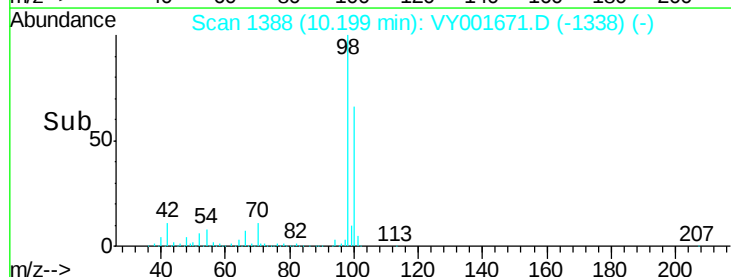
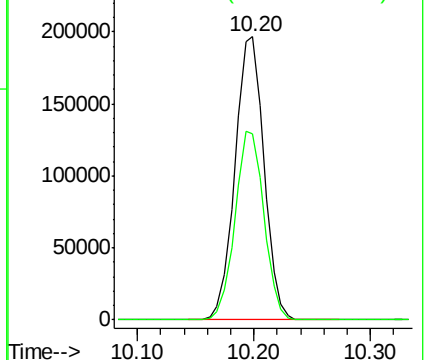
98 100

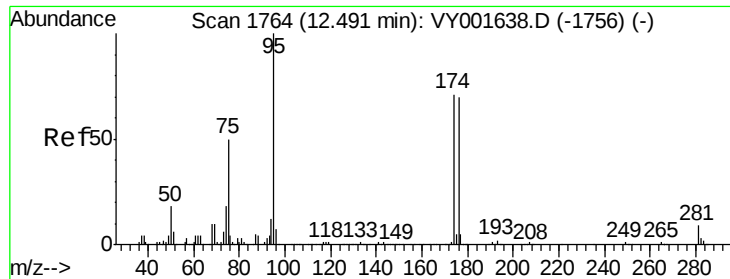
100 66.6 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VY0

Ion 100.00 (99.70 to 100.70): VY

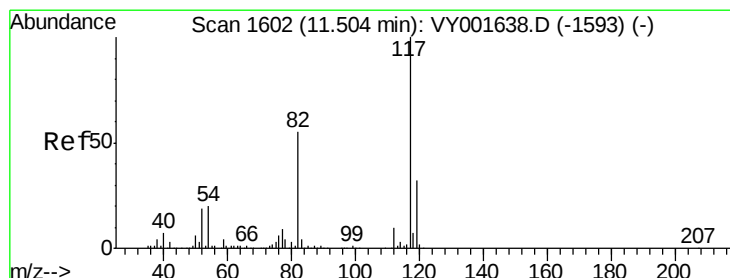
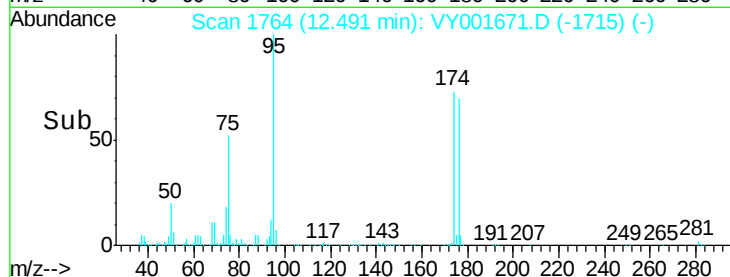
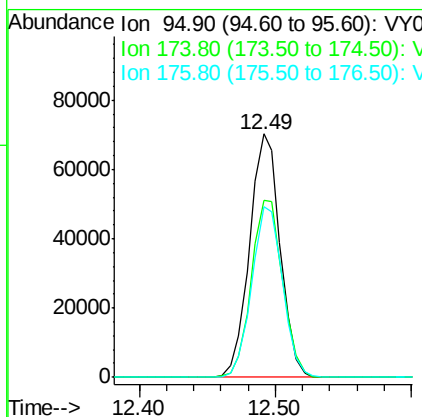
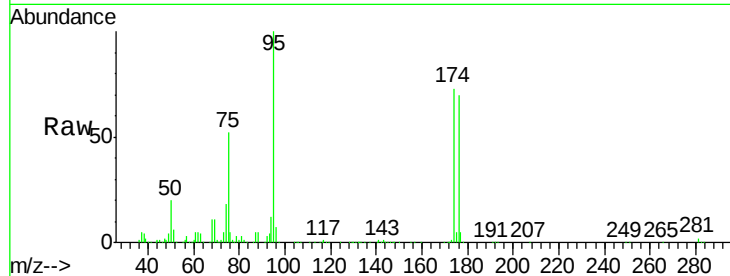




#62
4-Bromofluorobenzene
Concen: 43.570 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. 0.00 min
Lab File: VY001671.D
Acq: 18 Feb 2020 15:21

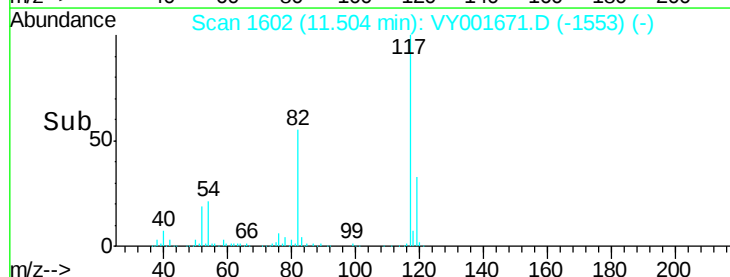
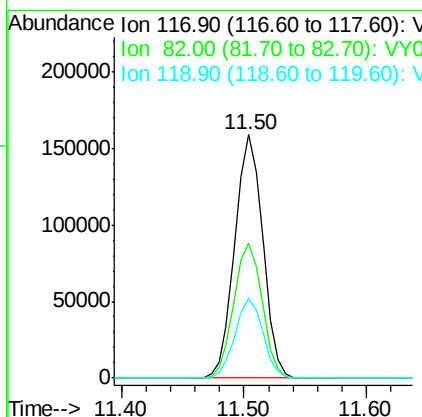
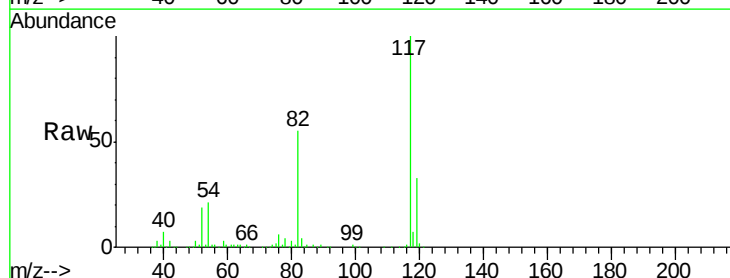
Instrument :
MSVOA_Y
ClientSampleId :
FK-SF-01-007-B

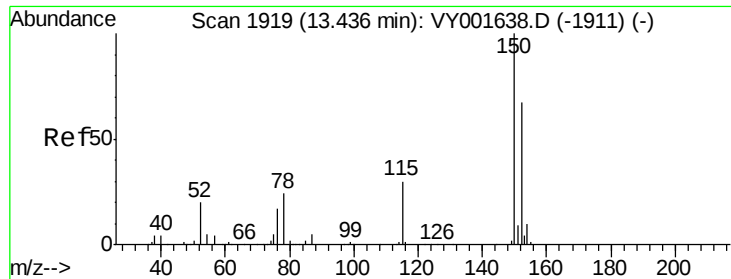
Tot Ion: 95 Resp: 110642
Ion Ratio Lower Upper
95 100
174 74.7 0.0 138.4
176 70.8 0.0 131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. 0.00 min
Lab File: VY001671.D
Acq: 18 Feb 2020 15:21

Tgt Ion: 117 Resp: 251632
Ion Ratio Lower Upper
117 100
82 55.5 45.5 68.3
119 32.5 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: VY001671.D

Acq: 18 Feb 2020 15:21

Instrument :

MSVOA_Y

ClientSampleId :

FK-SF-01-007-B

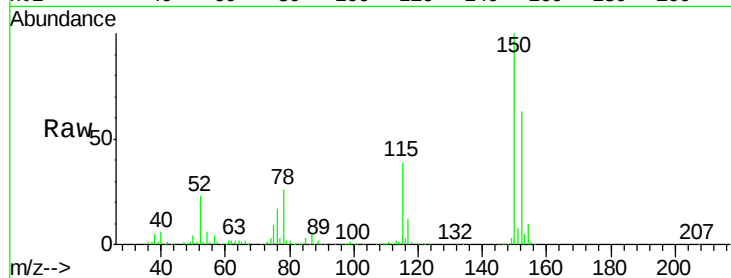
Tot Ion:152 Resp: 101735

Ion Ratio Lower Upper

152 100

115 61.1 31.4 94.2

150 157.3 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

