

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022420\
 Data File : VY001768.D
 Acq On : 24 Feb 2020 13:17
 Operator : SY/MD
 Sample : L1656-02
 Misc : 7.17G/5ML/MSVOA Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-04-006-ABCD

Quant Time: Feb 24 14:38:45 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

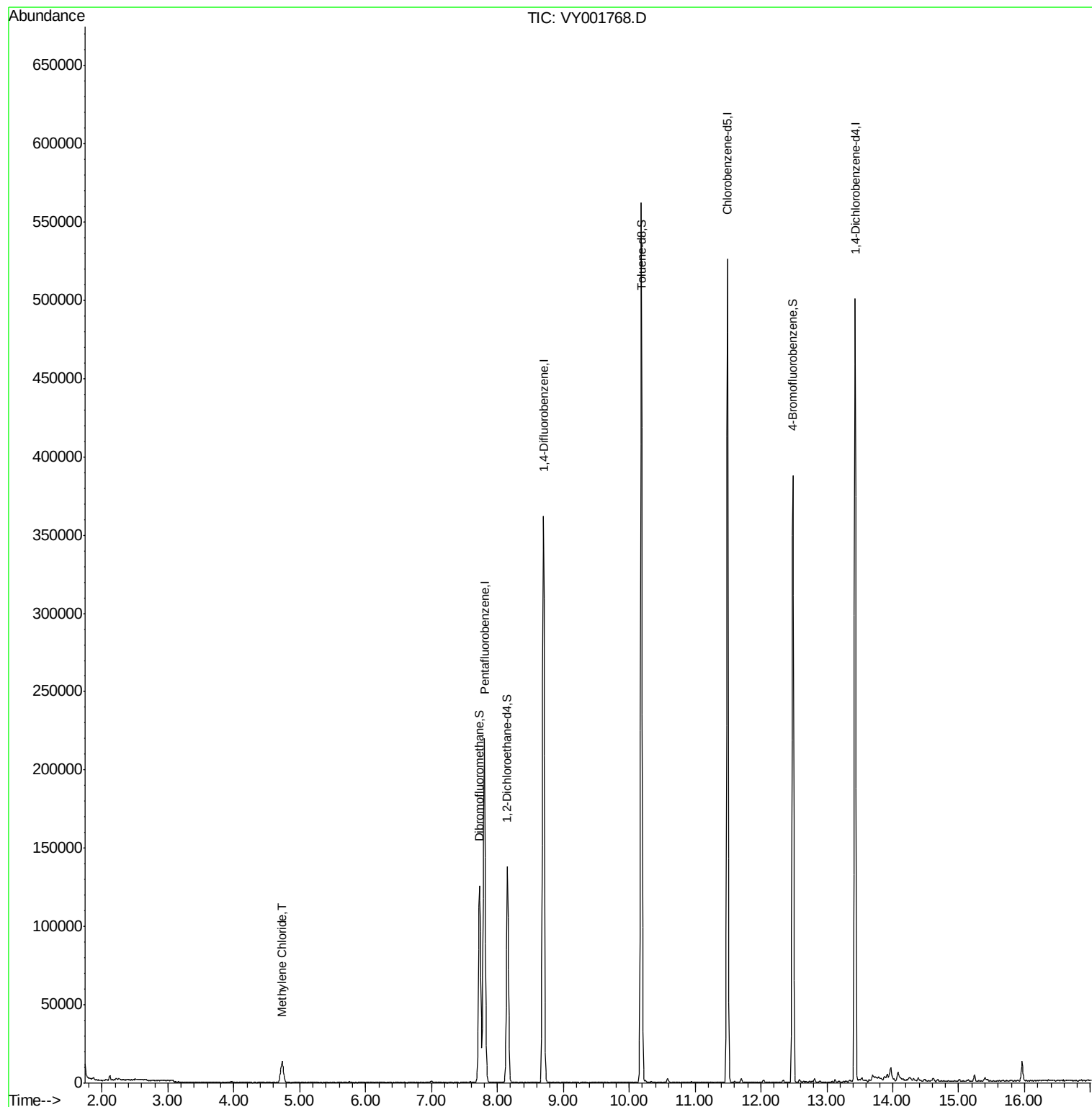
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	164090	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	307653	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	276478	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.43	152	119301	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	101931	57.75	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	115.50%	
35) Dibromofluoromethane	7.73	113	89358	50.71	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	101.42%	
50) Toluene-d8	10.19	98	369116	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.49	95	127228	47.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.88%	
Target Compounds						
20) Methylene Chloride	4.73	84	9800	4.518	ug/l	Qvalue 96

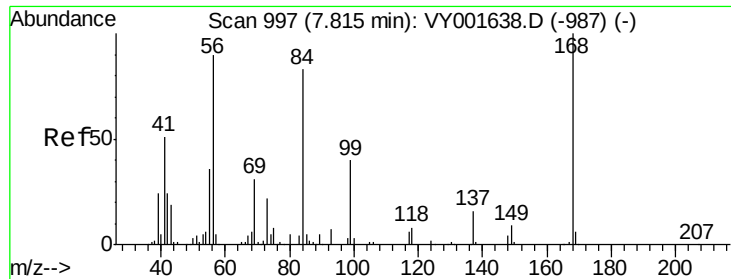
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. -0.01 min

Lab File: VY001768.D

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ClientSampleId :

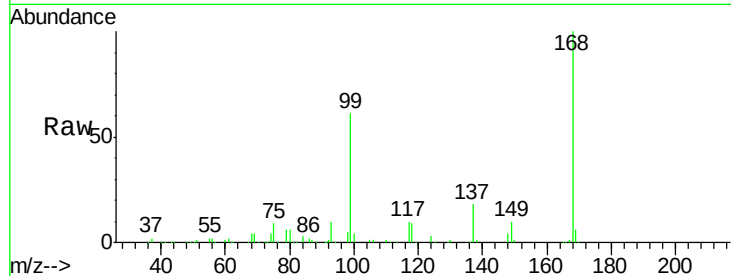
FK-BPM-04-006-ABCD

Tot Ion:168 Resp: 164090

Ion Ratio Lower Upper

168 100

99 60.6 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001768.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001768.D (-948) (-)

7.80

60000

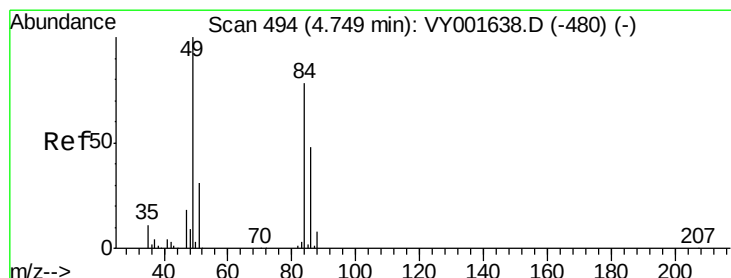
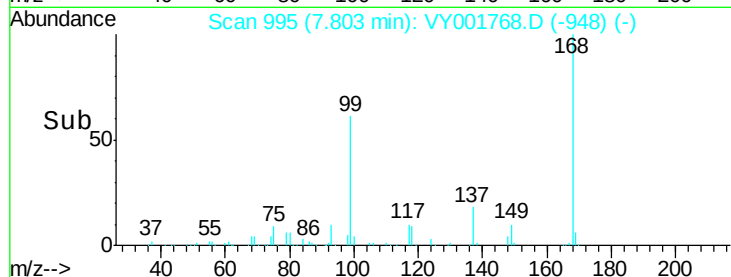
40000

20000

0

7.70 7.80 7.90

Time-->



#20

Methylene Chloride

Concen: 4.518 ug/l

RT: 4.73 min Scan# 491

Delta R.T. -0.02 min

Lab File: VY001768.D

Acq: 24 Feb 2020 13:17

Tgt Ion: 84 Resp: 9800

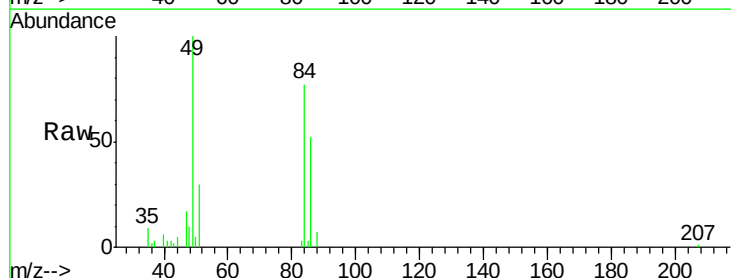
Ion Ratio Lower Upper

84 100

49 129.7 99.2 148.8

51 38.8 31.5 47.3

86 66.9 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VY001768.D (-445) (-)

Ion 48.90 (48.60 to 49.60): VY001768.D (-445) (-)

Ion 50.90 (50.60 to 51.60): VY001768.D (-445) (-)

Ion 85.90 (85.60 to 86.60): VY001768.D (-445) (-)

4.73

6000

5000

4000

3000

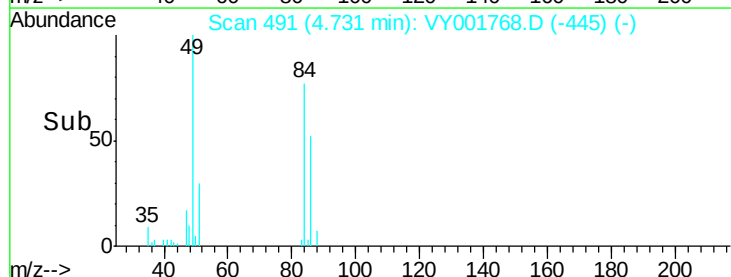
2000

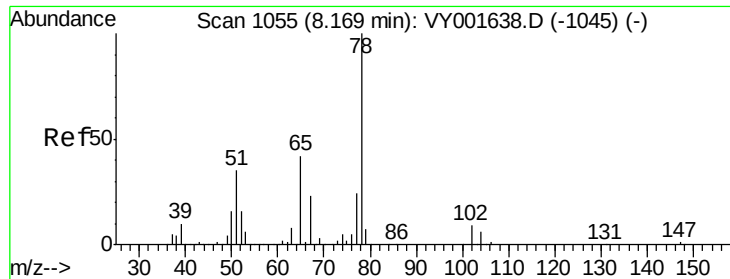
1000

0

4.60 4.70 4.80

Time-->

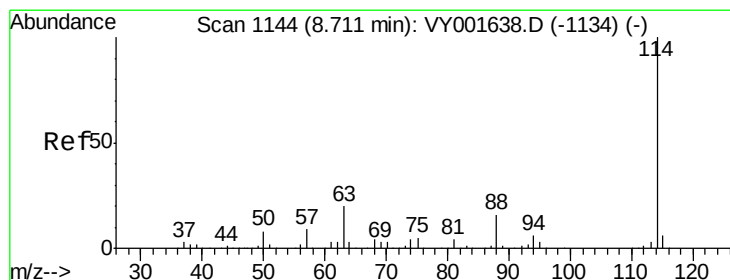
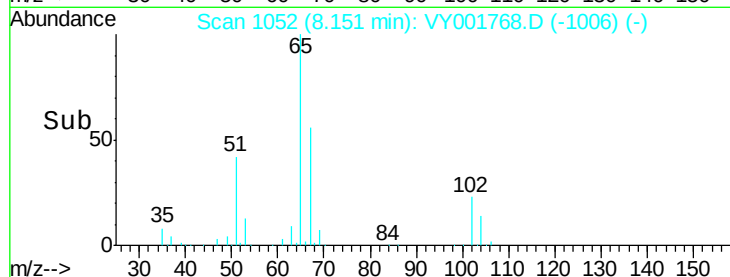
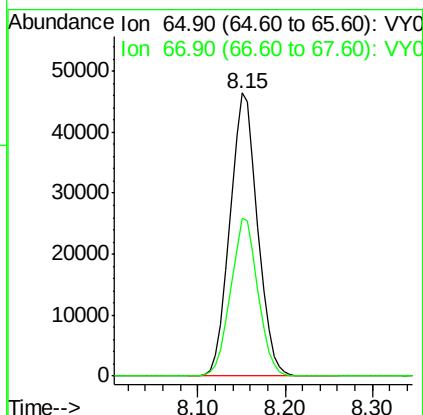
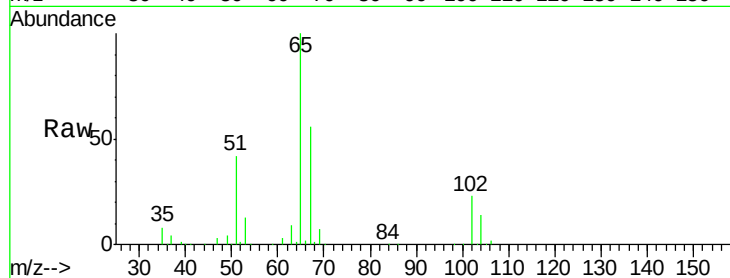




#33
 1,2-Dichloroethane-d4
 Concen: 57.750 ug/l
 RT: 8.15 min Scan# 1052
 Delta R.T. -0.02 min
 Lab File: VY001768.D
 Acq: 24 Feb 2020 13:17

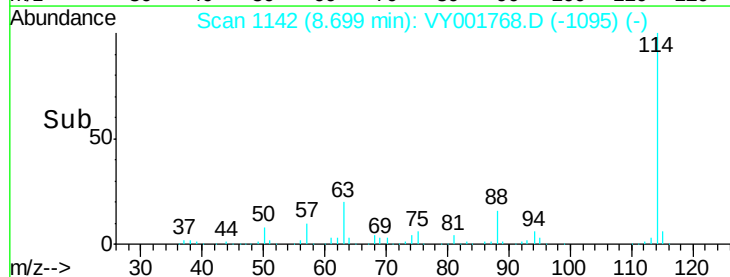
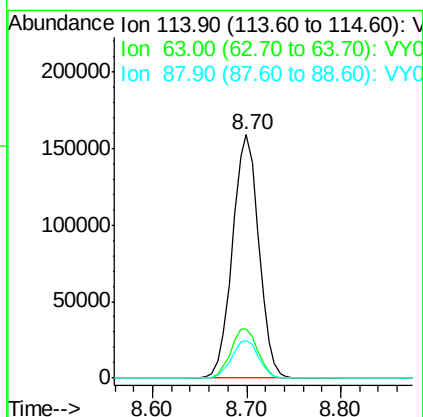
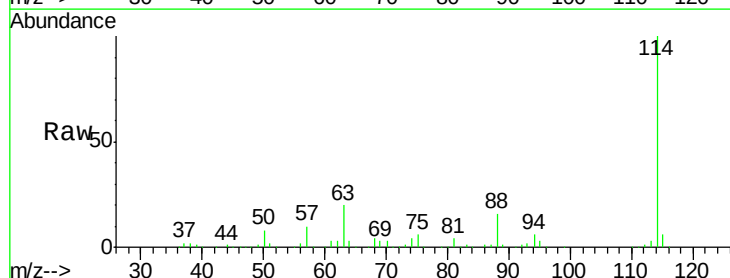
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-04-006-ABCD

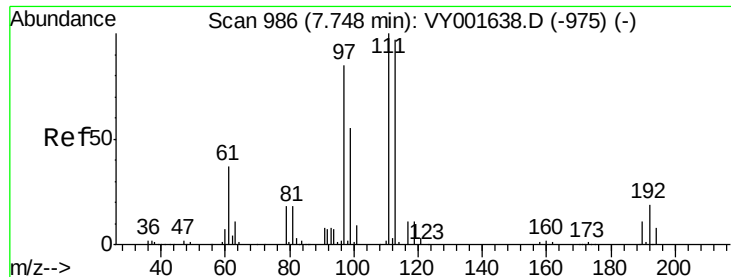
Tot Ion: 65 Resp: 101931
 Ion Ratio Lower Upper
 65 100
 67 55.0 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.70 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: VY001768.D
 Acq: 24 Feb 2020 13:17

Tgt Ion: 114 Resp: 307653
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.4
 88 15.5 0.0 32.8

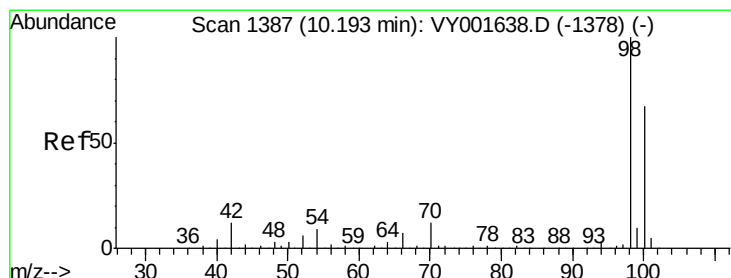
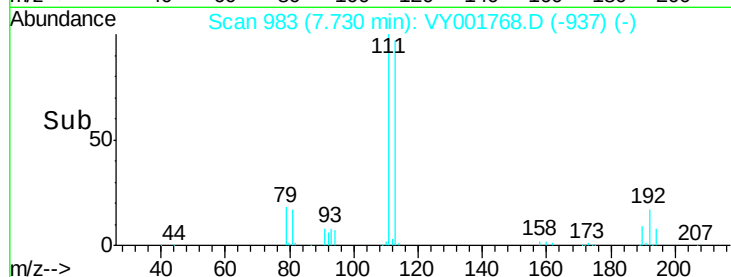
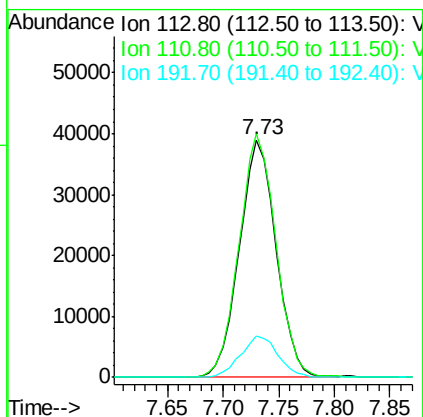
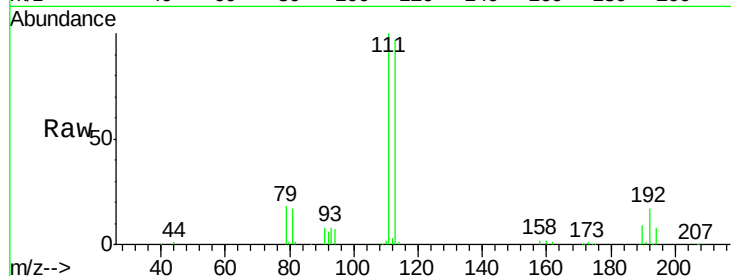




#35
 Dibromofluoromethane
 Concen: 50.711 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: VY001768.D
 Acq: 24 Feb 2020 13:17

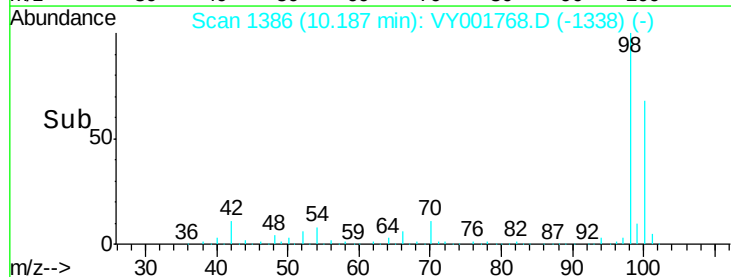
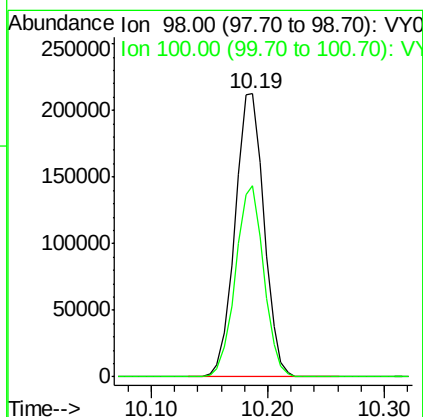
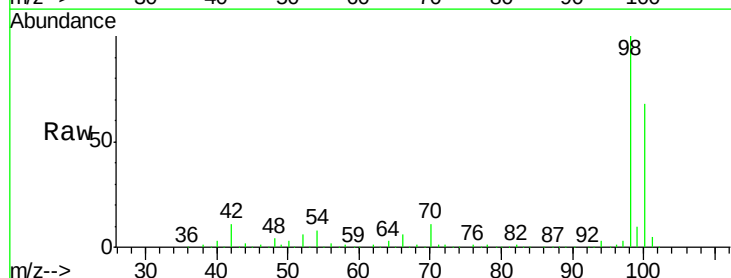
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-04-006-ABCD

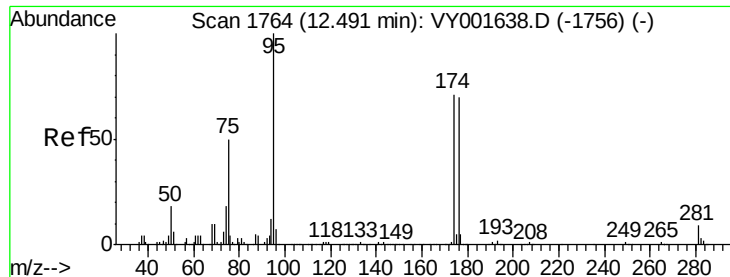
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	81.9	122.9
192	17.7	14.3	21.5



#50
 Toluene-d8
 Concen: 53.469 ug/l
 RT: 10.19 min Scan# 1386
 Delta R.T. -0.01 min
 Lab File: VY001768.D
 Acq: 24 Feb 2020 13:17

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.0	79.4





#62

4-Bromofluorobenzene

Concen: 47.439 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001768.D

Acq: 24 Feb 2020 13:17

Instrument :

MSVOA_Y

ClientSampleId :

FK-BPM-04-006-ABCD

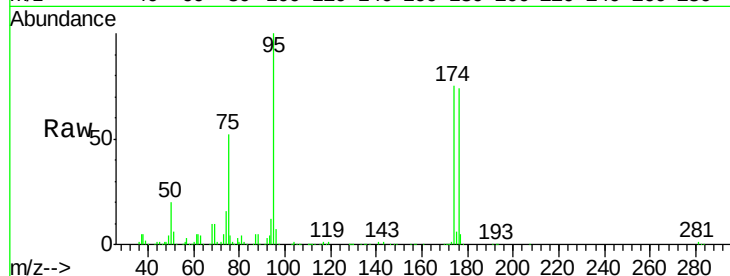
Tot Ion: 95 Resp: 127228

Ion Ratio Lower Upper

95 100

174 71.9 0.0 138.4

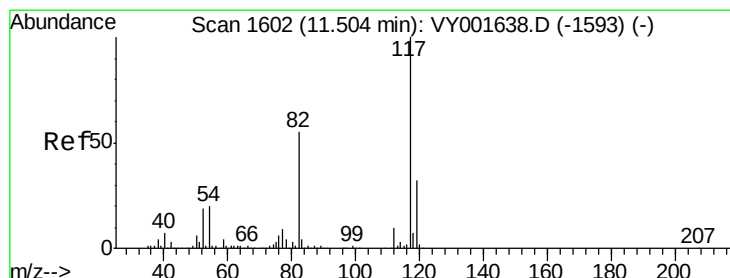
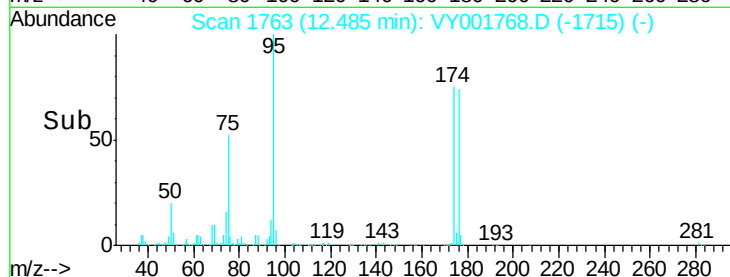
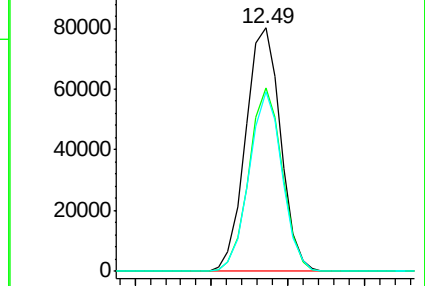
176 69.8 0.0 131.8



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.49 min Scan# 1600

Delta R.T. -0.01 min

Lab File: VY001768.D

Acq: 24 Feb 2020 13:17

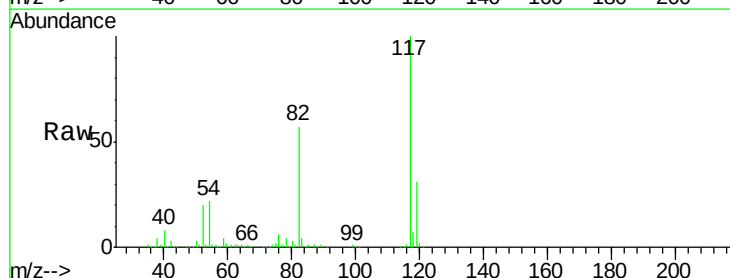
Tgt Ion: 117 Resp: 276478

Ion Ratio Lower Upper

117 100

82 56.9 45.5 68.3

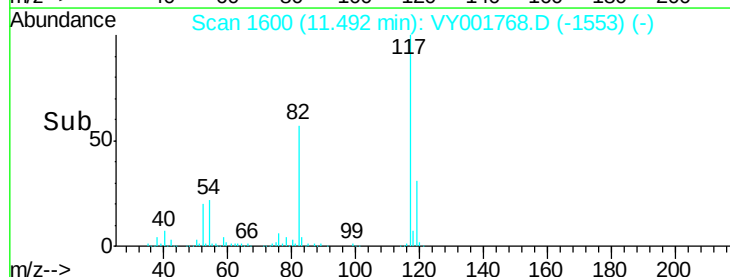
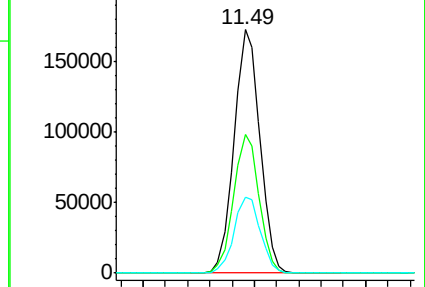
119 31.3 25.8 38.6

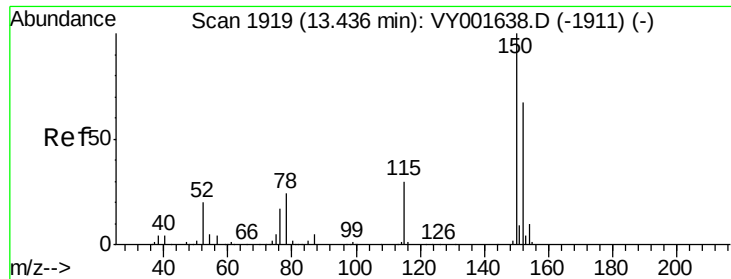


Abundance Ion 116.90 (116.60 to 117.60): VY001638.D (-1593) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001768.D

Acq: 24 Feb 2020 13:17

Instrument :

MSVOA_Y

ClientSampleId :

FK-BPM-04-006-ABCD

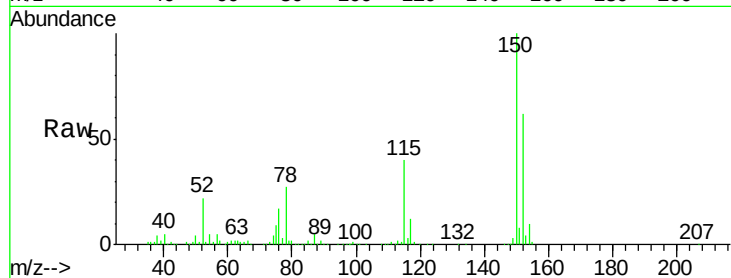
Tot Ion:152 Resp: 119301

Ion Ratio Lower Upper

152 100

115 61.7 31.4 94.2

150 159.4 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

