

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022420\
 Data File : VY001769.D
 Acq On : 24 Feb 2020 13:39
 Operator : SY/MD
 Sample : L1655-02
 Misc : 6.49G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-01-AA1-BB1-AA1A-BB1A

Quant Time: Feb 24 14:37:13 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

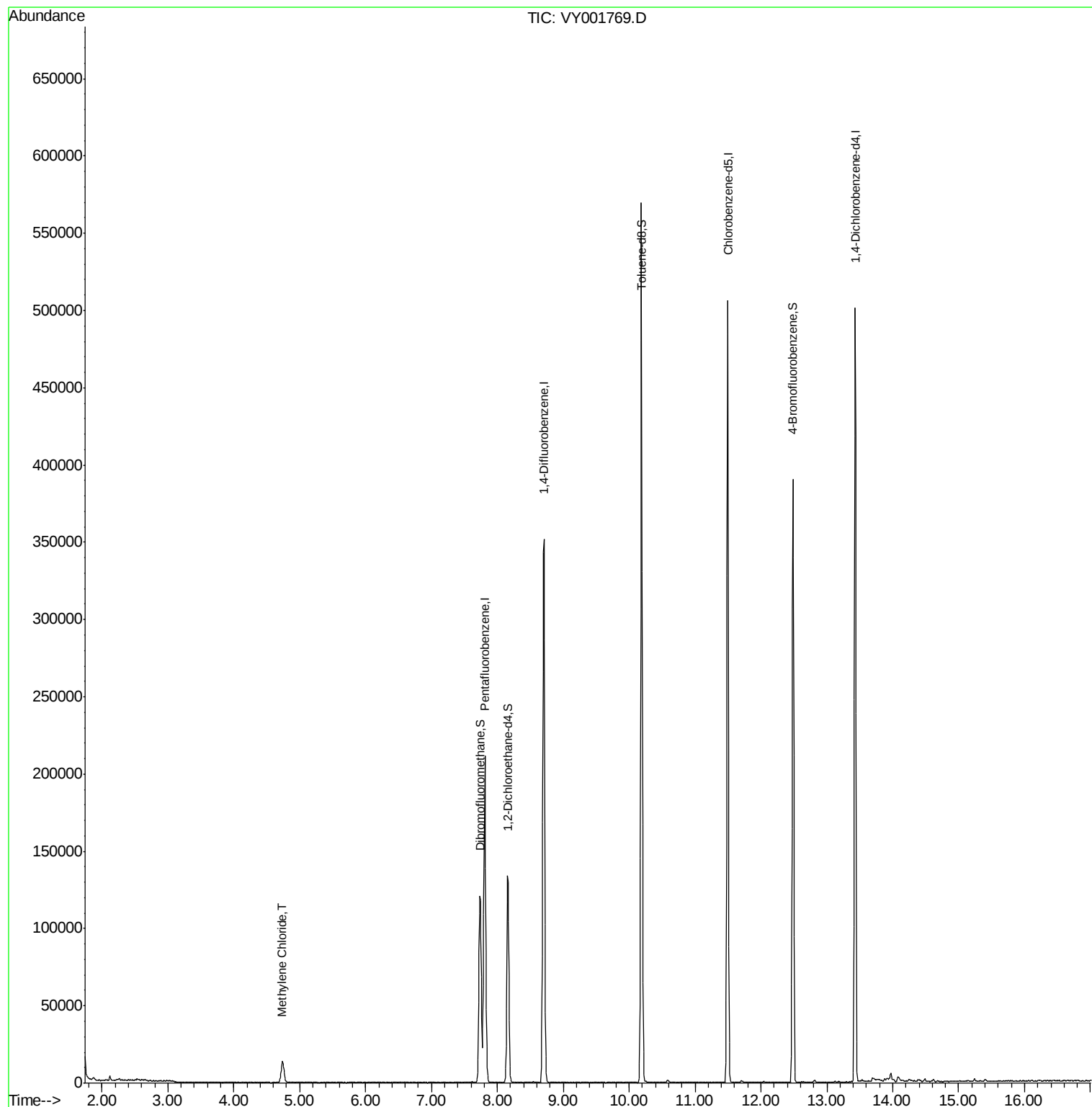
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.81	168	156869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	301518	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	272693	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	120310	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	99778	59.13	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	118.26%	
35) Dibromofluoromethane	7.74	113	88896	51.48	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	10.19	98	363929	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
62) 4-Bromofluorobenzene	12.49	95	126130	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
Target Compounds						
20) Methylene Chloride	4.74	84	10622	5.122	ug/l	Qvalue 88

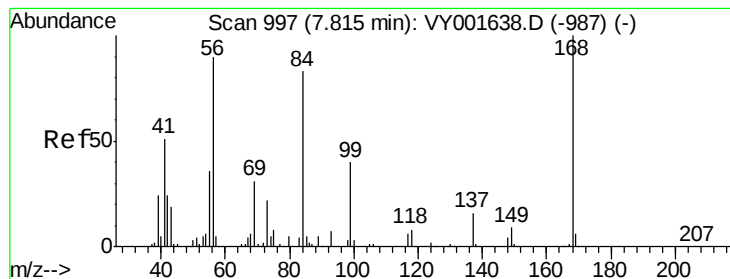
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. -0.01 min

Lab File: VY001769.D

Acq: 24 Feb 2020 13:39

Instrument :

MSVOA_Y

ClientSampleId :

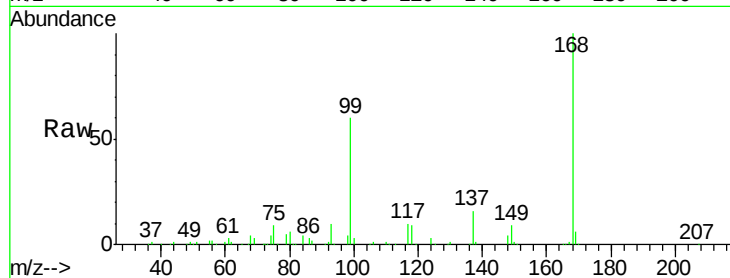
FK-BPM-01-AA1-BB1-AA1A-BB1A

Tot Ion:168 Resp: 156869

Ion Ratio Lower Upper

168 100

99 60.1 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001769.D

Ion 98.90 (98.60 to 99.60): VY001769.D

7.81

60000

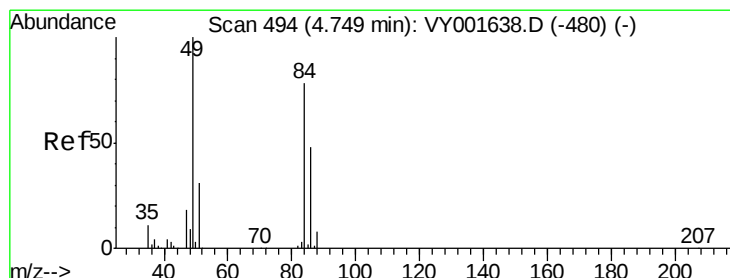
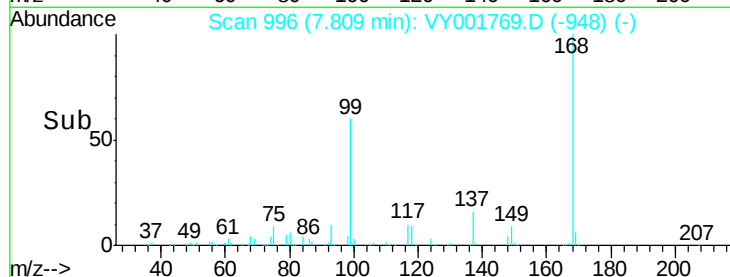
40000

20000

0

7.70 7.80 7.90

Time-->



#20

Methylene Chloride

Concen: 5.122 ug/l

RT: 4.74 min Scan# 492

Delta R.T. -0.01 min

Lab File: VY001769.D

Acq: 24 Feb 2020 13:39

Tgt Ion: 84 Resp: 10622

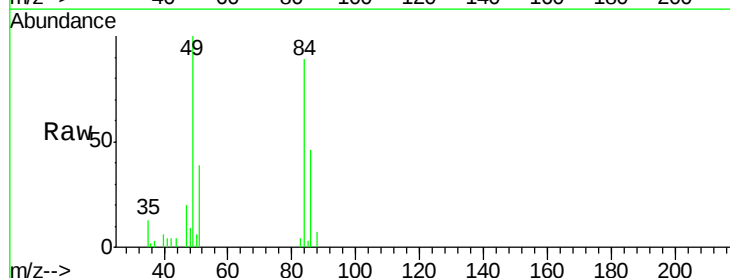
Ion Ratio Lower Upper

84 100

49 112.0 99.2 148.8

51 44.0 31.5 47.3

86 51.3 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VY001769.D

Ion 48.90 (48.60 to 49.60): VY001769.D

Ion 50.90 (50.60 to 51.60): VY001769.D

Ion 85.90 (85.60 to 86.60): VY001769.D

4.74

6000

5000

4000

3000

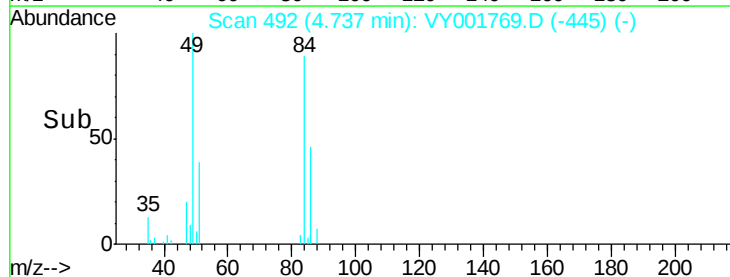
2000

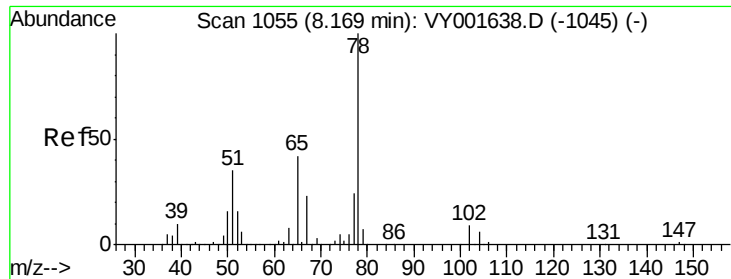
1000

0

4.60 4.70 4.80

Time-->

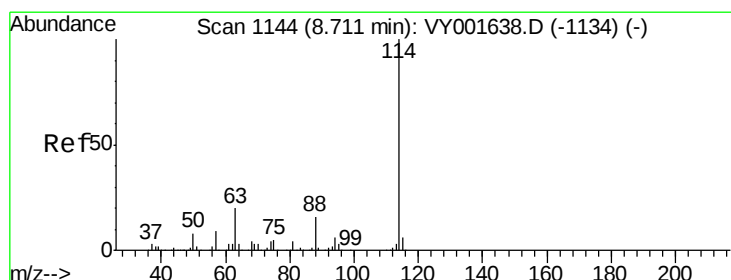
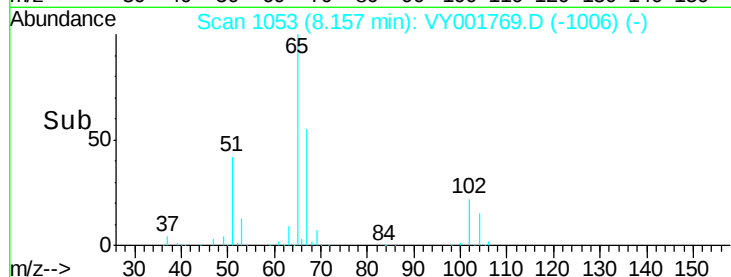
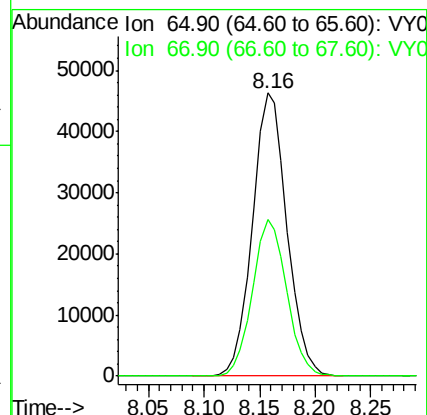
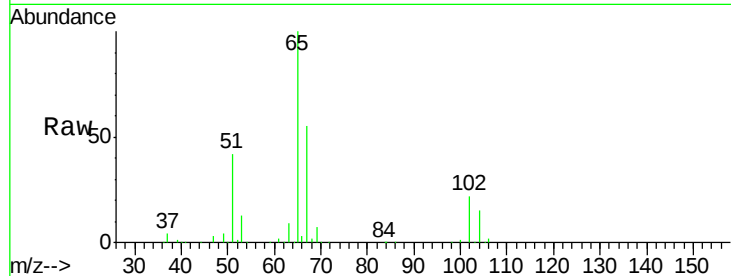




#33
 1,2-Dichloroethane-d4
 Concen: 59.133 ug/l
 RT: 8.16 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: VY001769.D
 Acq: 24 Feb 2020 13:39

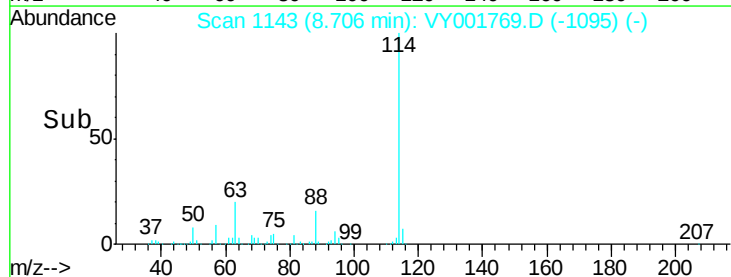
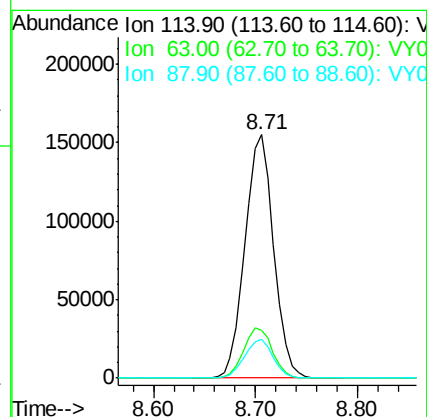
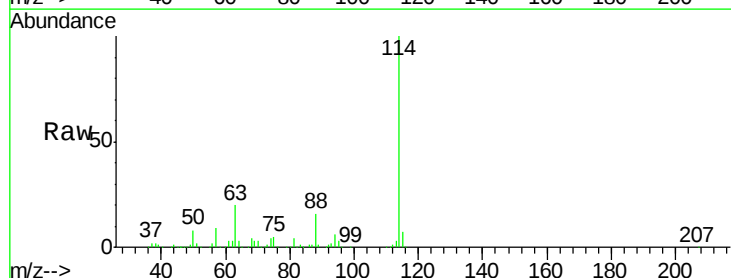
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-01-AA1-BB1-AA1A-BB1A

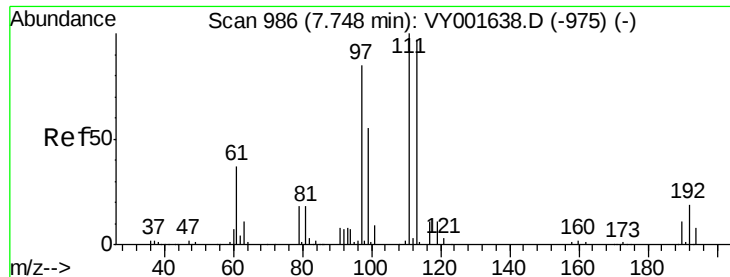
Tot Ion: 65 Resp: 99778
 Ion Ratio Lower Upper
 65 100
 67 55.1 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: VY001769.D
 Acq: 24 Feb 2020 13:39

Tgt Ion: 114 Resp: 301518
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.4
 88 15.7 0.0 32.8

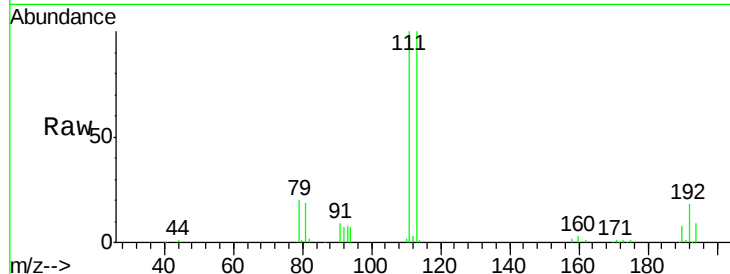




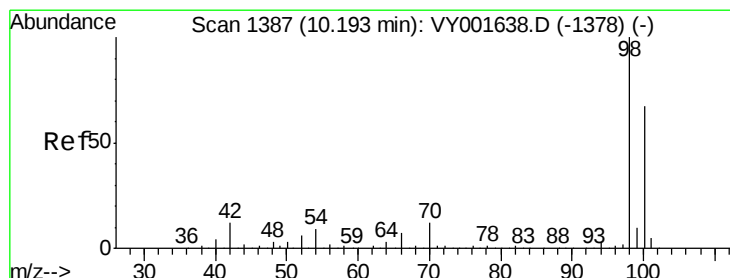
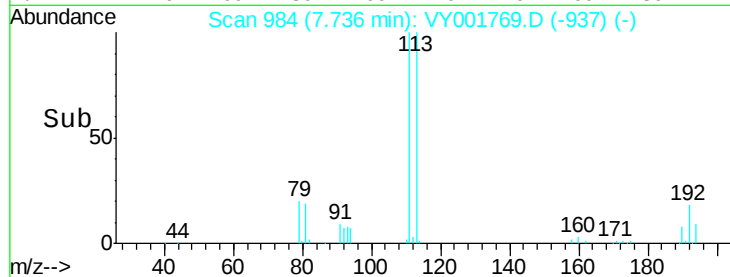
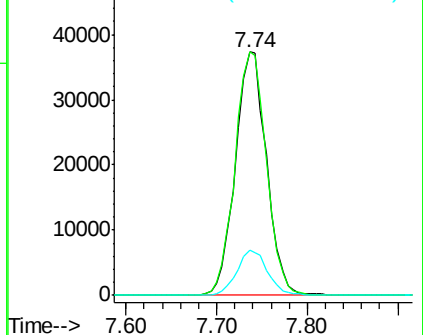
#35
Dibromofluoromethane
Concen: 51.475 ug/l
RT: 7.74 min Scan# 984
Delta R.T. -0.01 min
Lab File: VY001769.D
Acq: 24 Feb 2020 13:39

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-01-AA1-BB1-AA1A-BB1A

Tot Ion:113 Resp: 88896
Ion Ratio Lower Upper
113 100
111 101.2 81.9 122.9
192 18.0 14.3 21.5

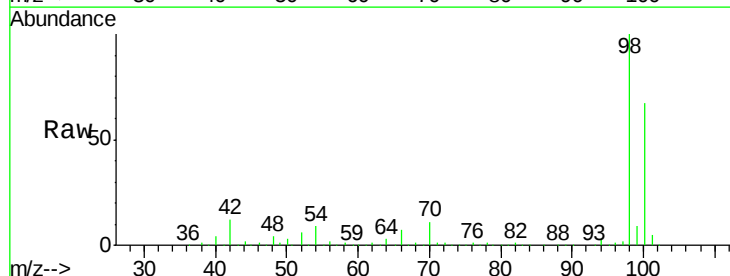


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

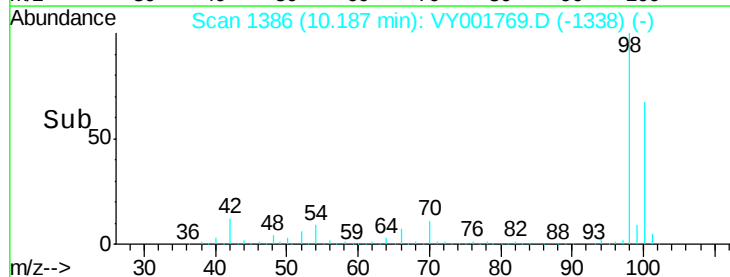
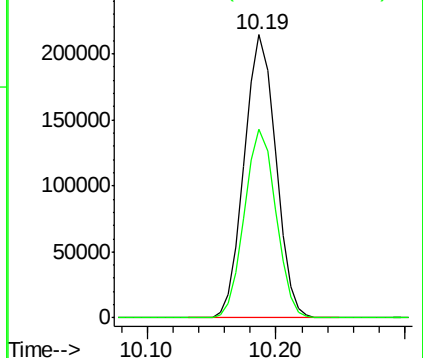


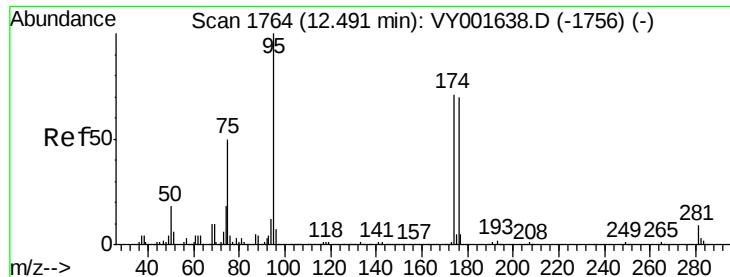
#50
Toluene-d8
Concen: 53.790 ug/l
RT: 10.19 min Scan# 1386
Delta R.T. -0.01 min
Lab File: VY001769.D
Acq: 24 Feb 2020 13:39

Tgt Ion: 98 Resp: 363929
Ion Ratio Lower Upper
98 100
100 66.2 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: 47.987 ug/l

RT: 12.49 min Scan# 1763

Delta R.T. -0.01 min

Lab File: VY001769.D

Acq: 24 Feb 2020 13:39

Instrument :

MSVOA_Y

ClientSampleId :

FK-BPM-01-AA1-BB1-AA1A-BB1A

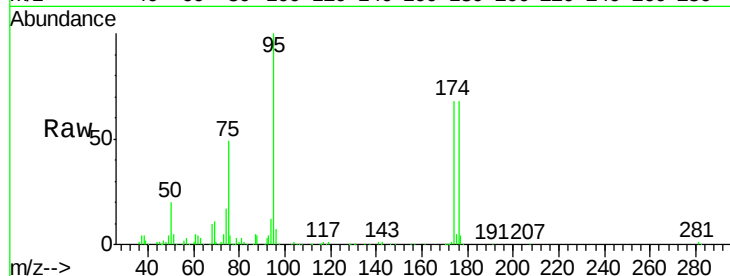
Tot Ion: 95 Resp: 126130

Ion Ratio Lower Upper

95 100

174 71.0 0.0 138.4

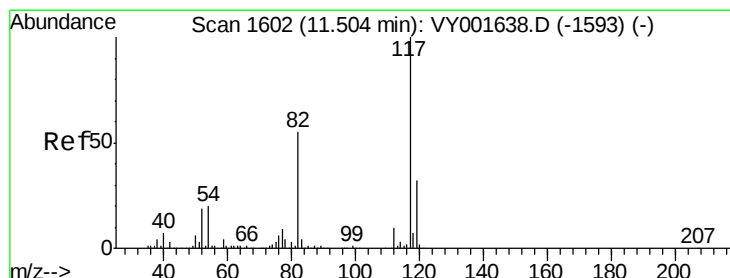
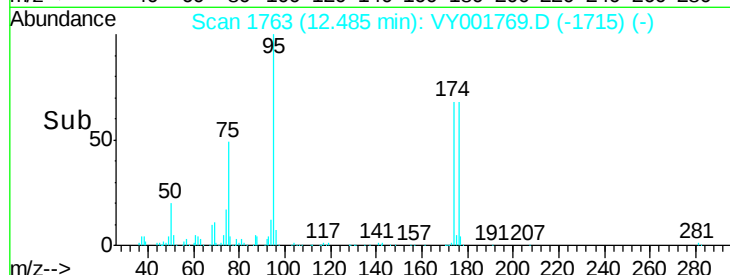
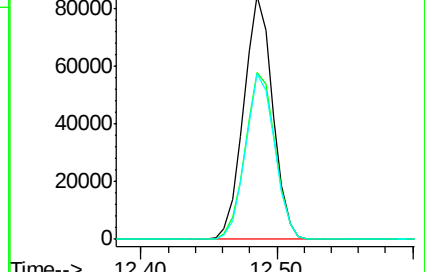
176 68.7 0.0 131.8



Abundance Ion 94.90 (94.60 to 95.60): VY001769.D (-1756) (-)

Ion 173.80 (173.50 to 174.50): VY001769.D (-1756) (-)

Ion 175.80 (175.50 to 176.50): VY001769.D (-1756) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.50 min Scan# 1601

Delta R.T. -0.01 min

Lab File: VY001769.D

Acq: 24 Feb 2020 13:39

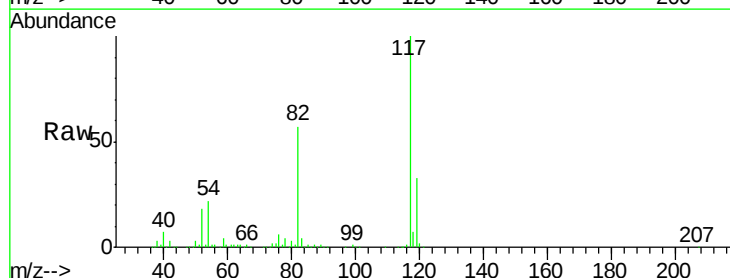
Tgt Ion: 117 Resp: 272693

Ion Ratio Lower Upper

117 100

82 56.7 45.5 68.3

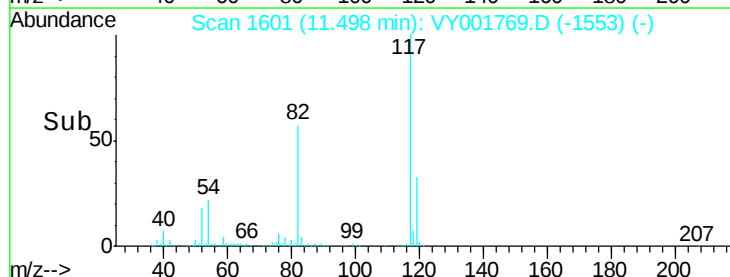
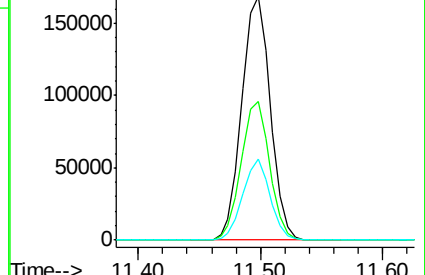
119 33.1 25.8 38.6

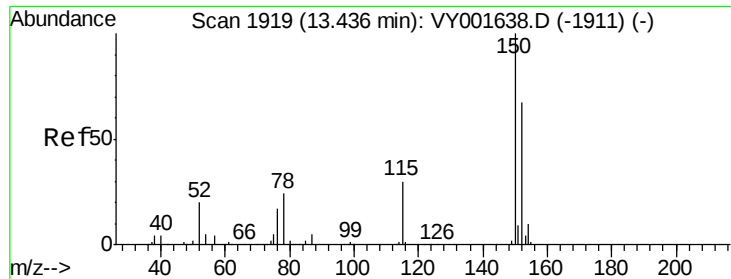


Abundance Ion 116.90 (116.60 to 117.60): VY001769.D (-1553) (-)

Ion 82.00 (81.70 to 82.70): VY001769.D (-1553) (-)

Ion 118.90 (118.60 to 119.60): VY001769.D (-1553) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.43 min Scan# 1918

Delta R.T. -0.01 min

Lab File: VY001769.D

Acq: 24 Feb 2020 13:39

Instrument :

MSVOA_Y

ClientSampleId :

FK-BPM-01-AA1-BB1-AA1A-BB1A

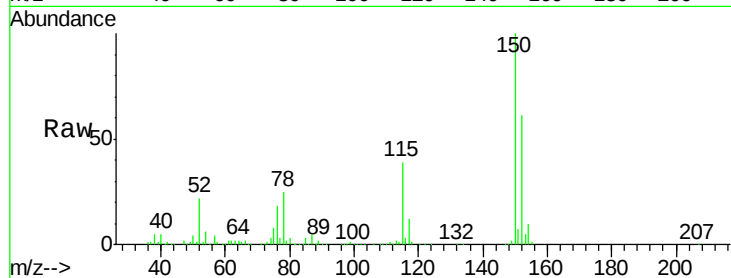
Tot Ion:152 Resp: 120310

Ion Ratio Lower Upper

152 100

115 61.5 31.4 94.2

150 157.6 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

