

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032520\
 Data File : VY002070.D
 Acq On : 25 Mar 2020 16:30
 Operator : SY/MD
 Sample : L2034-02
 Misc : 5.97G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-04-008-ABCD

Quant Time: Mar 26 07:55:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y030420S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 05 04:05:33 2020
 Response via : Initial Calibration

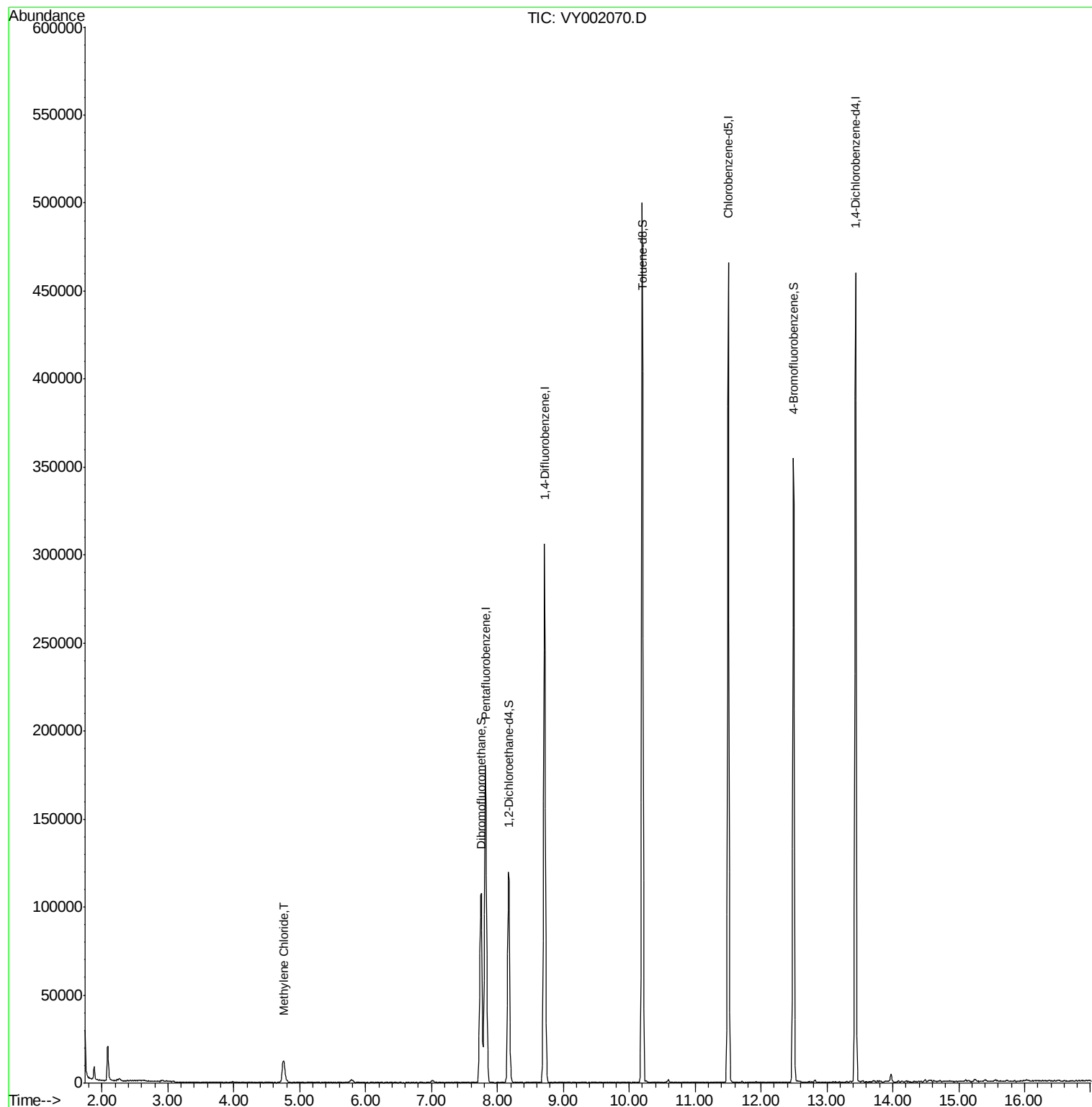
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	133335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	261483	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	245059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	112590	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.17	65	87512	61.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	122.96%	
35) Dibromofluoromethane	7.75	113	78091	54.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.38%	
50) Toluene-d8	10.20	98	321948	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.49	95	113248	54.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.18%	
Target Compounds						
20) Methylene Chloride	4.76	84	9448	5.317	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: 7.82 min Scan# 998

Delta R.T. 0.01 min

Lab File: VY002070.D

Acq: 25 Mar 2020 16:30

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MSVOA_Y

ClientSampleId :

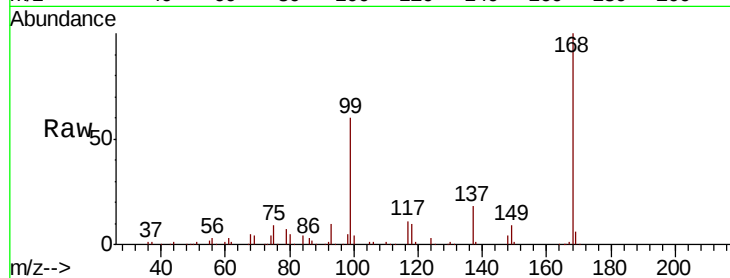
FK-BPM-04-008-ABCD

Tot Ion:168 Resp: 133335

Ion Ratio Lower Upper

168 100

99 59.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): VY001845.D (-986) (-)

Ion 98.90 (98.60 to 99.60): VY001845.D (-986) (-)

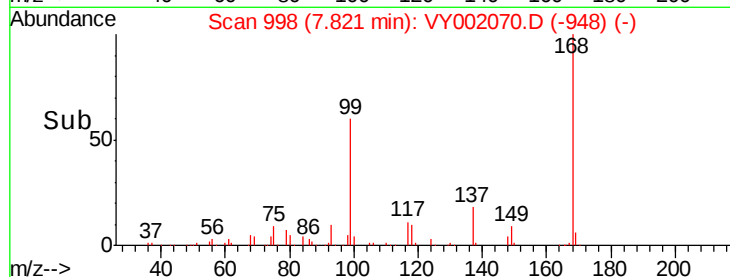
60000

40000

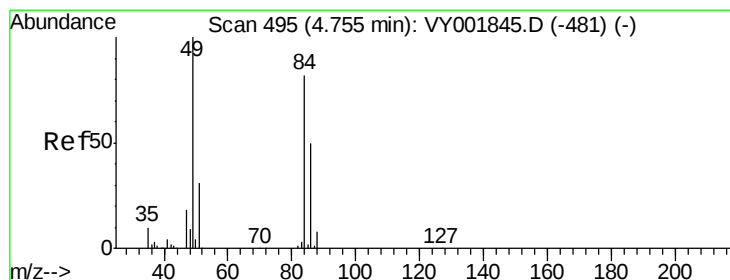
20000

0

7.70 7.80 7.90



Time-->



#20

Methylene Chloride

Concen: 5.317 ug/l

RT: 4.76 min Scan# 496

Delta R.T. 0.01 min

Lab File: VY002070.D

Acq: 25 Mar 2020 16:30

Tgt Ion: 84 Resp: 9448

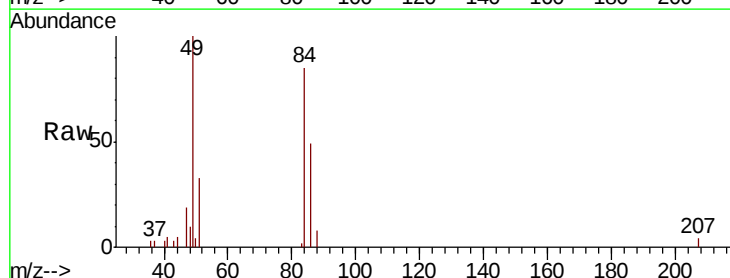
Ion Ratio Lower Upper

84 100

49 118.2 98.2 147.2

51 39.4 30.2 45.2

86 58.4 48.9 73.3



Abundance Ion 83.90 (83.60 to 84.60): VY001845.D (-481) (-)

Ion 48.90 (48.60 to 49.60): VY001845.D (-481) (-)

Ion 50.90 (50.60 to 51.60): VY001845.D (-481) (-)

Ion 85.90 (85.60 to 86.60): VY001845.D (-481) (-)

6000

5000

4000

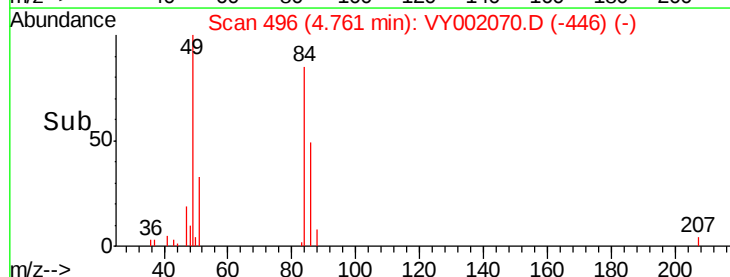
3000

2000

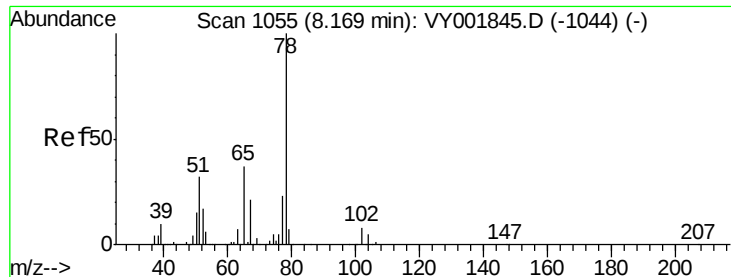
1000

0

4.70 4.80



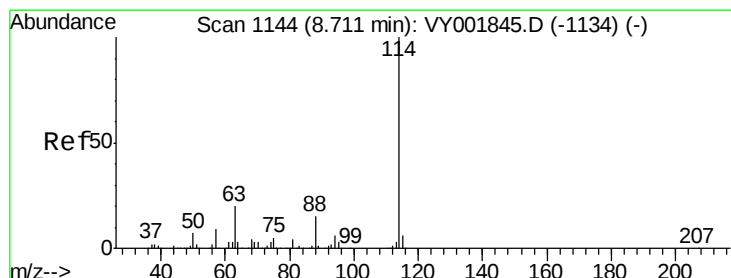
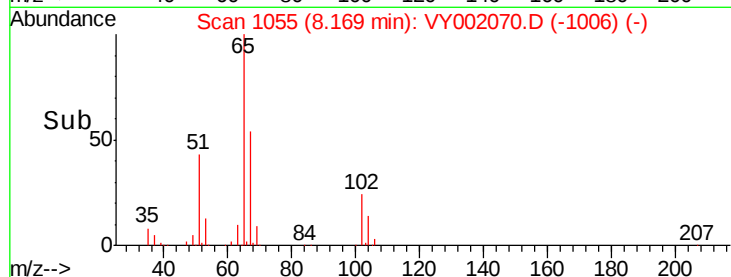
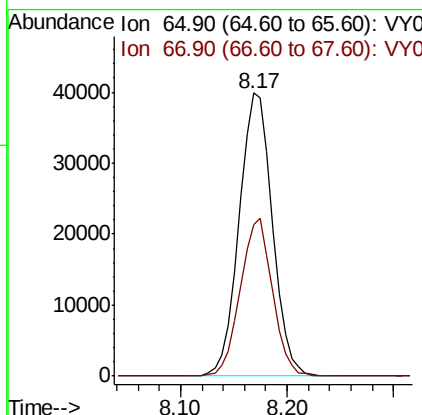
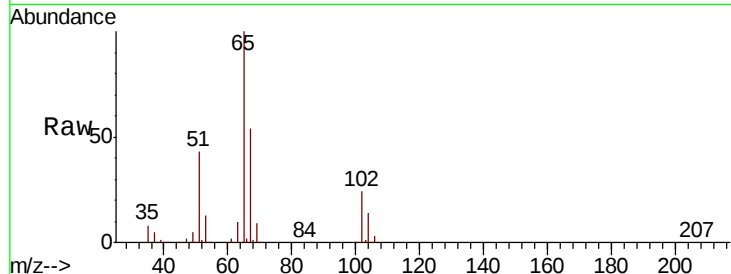
Time-->



#33
 1,2-Dichloroethane-d4
 Concen: 61.479 ug/l
 RT: 8.17 min Scan# 1055
 Delta R.T. -0.00 min
 Lab File: VY002070.D
 Acq: 25 Mar 2020 16:30

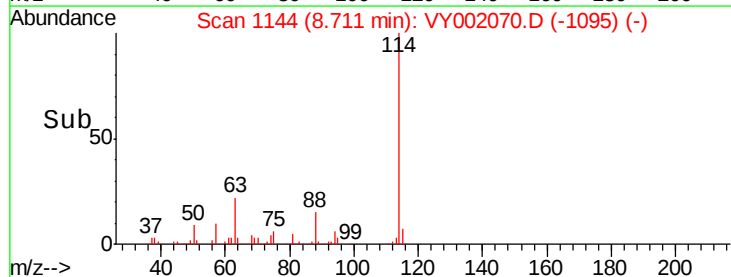
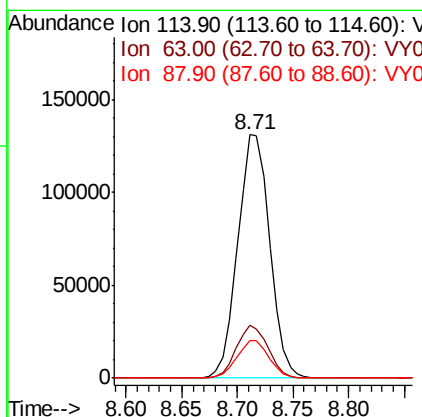
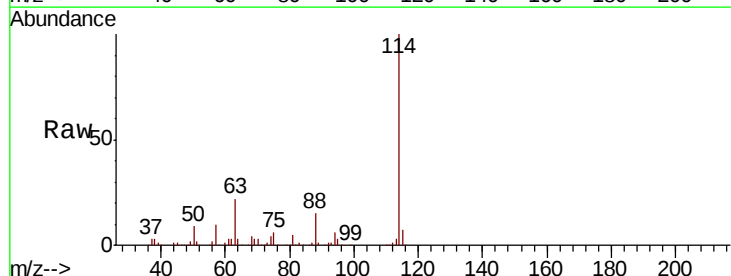
Instrument :
 MSVOA_Y
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 FK-BPM-04-008-ABCD

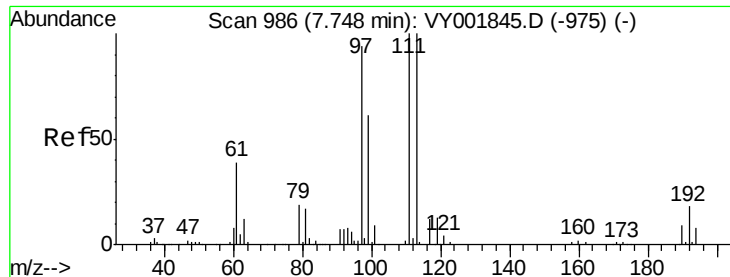
Tot Ion: 65 Resp: 87512
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 110.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.71 min Scan# 1144
 Delta R.T. -0.00 min
 Lab File: VY002070.D
 Acq: 25 Mar 2020 16:30

Tgt Ion: 114 Resp: 261483
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 39.4
 88 15.4 0.0 30.4

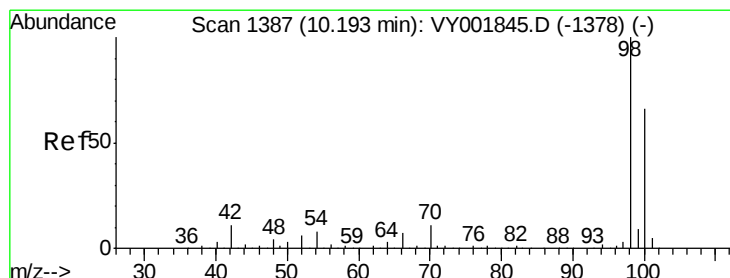
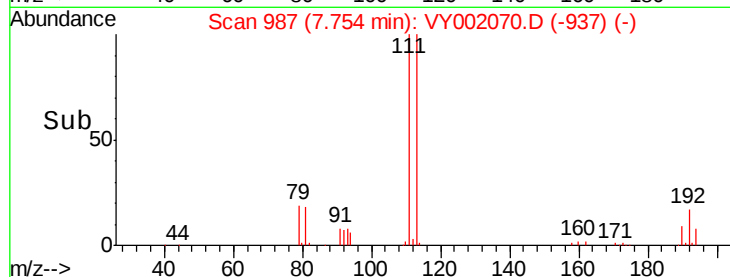
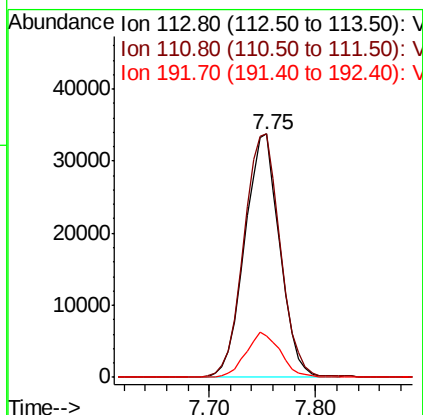
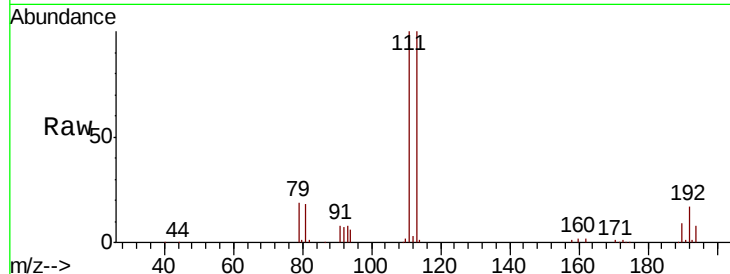




#35
 Dibromofluoromethane
 Concen: 54.693 ug/l
 RT: 7.75 min Scan# 987
 Delta R.T. 0.01 min
 Lab File: VY002070.D
 Acq: 25 Mar 2020 16:30

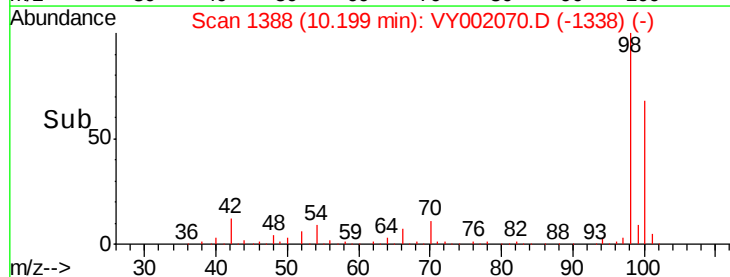
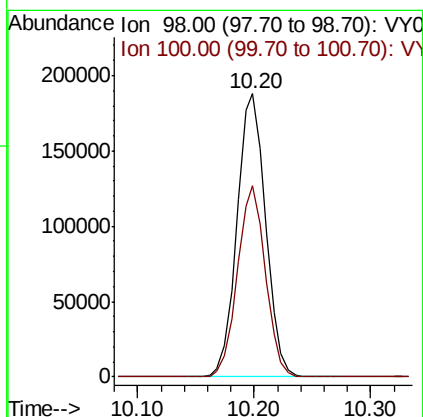
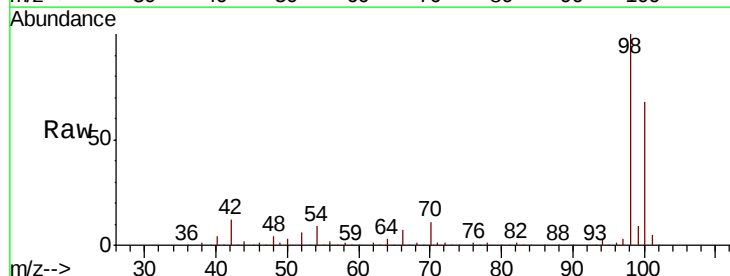
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-04-008-ABCD

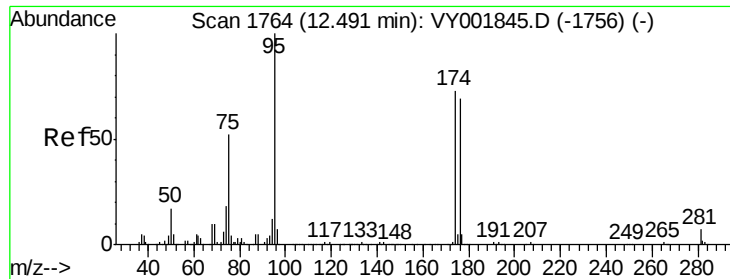
Tot Ion:113 Resp: 78091
 Ion Ratio Lower Upper
 113 100
 111 103.8 81.8 122.8
 192 18.1 14.2 21.2



#50
 Toluene-d8
 Concen: 53.472 ug/l
 RT: 10.20 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: VY002070.D
 Acq: 25 Mar 2020 16:30

Tgt Ion: 98 Resp: 321948
 Ion Ratio Lower Upper
 98 100
 100 65.9 53.0 79.4

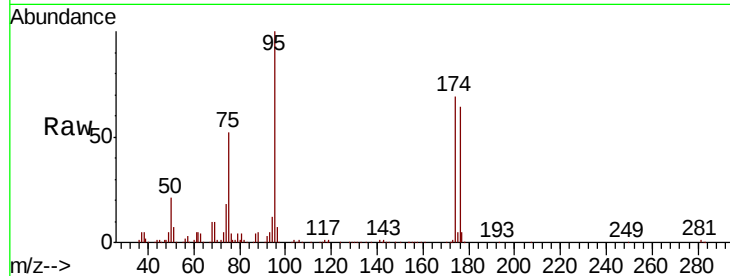




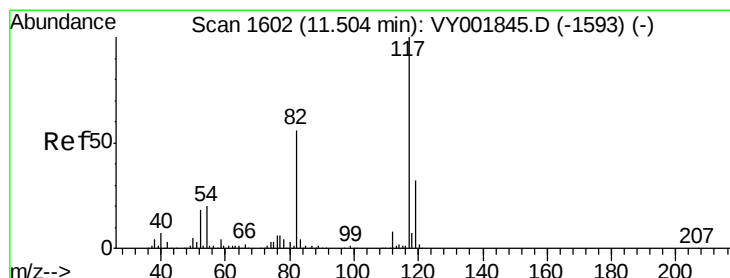
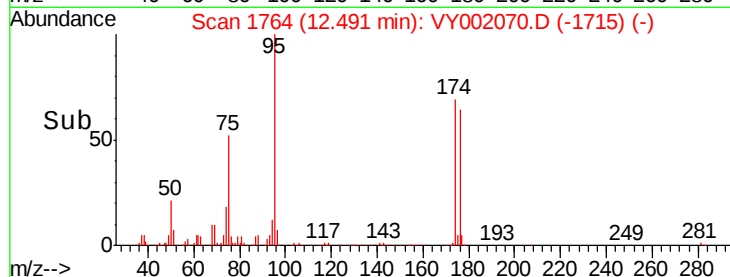
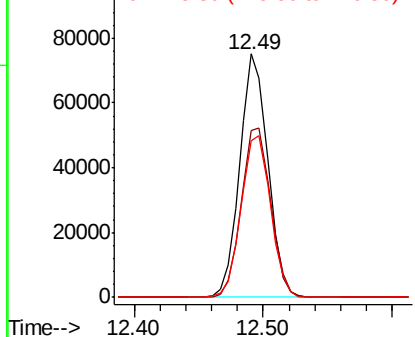
#62
4-Bromofluorobenzene
Concen: 54.094 ug/l
RT: 12.49 min Scan# 1764
Delta R.T. -0.00 min
Lab File: VY002070.D
Acq: 25 Mar 2020 16:30

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-04-008-ABCD

Tot Ion: 95 Resp: 113248
Ion Ratio Lower Upper
95 100
174 72.8 0.0 145.0
176 69.2 0.0 137.4

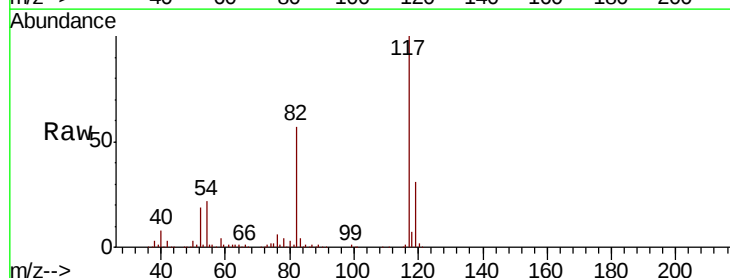


Abundance Ion 94.90 (94.60 to 95.60): VY001845.D (-1756) (-)
Ion 173.80 (173.50 to 174.50): VY001845.D (-1756) (-)
Ion 175.80 (175.50 to 176.50): VY001845.D (-1756) (-)

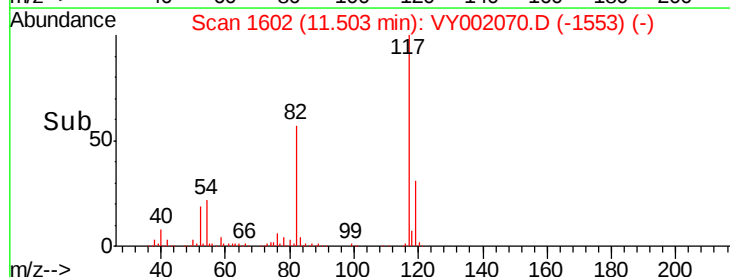
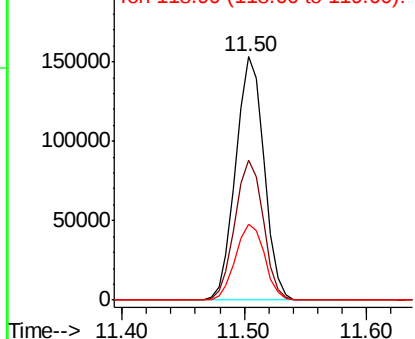


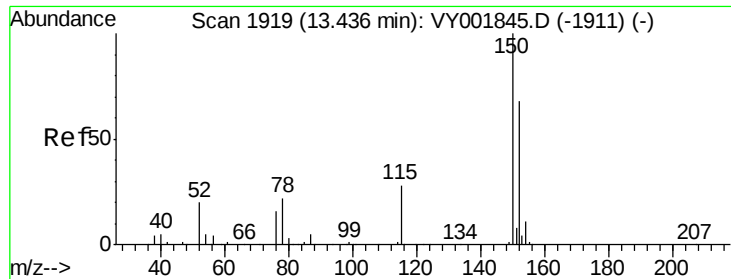
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 1602
Delta R.T. -0.00 min
Lab File: VY002070.D
Acq: 25 Mar 2020 16:30

Tgt Ion: 117 Resp: 245059
Ion Ratio Lower Upper
117 100
82 57.4 44.5 66.7
119 31.4 25.7 38.5



Abundance Ion 116.90 (116.60 to 117.60): VY001845.D (-1593) (-)
Ion 82.00 (81.70 to 82.70): VY001845.D (-1593) (-)
Ion 118.90 (118.60 to 119.60): VY001845.D (-1593) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.44 min Scan# 1919

Delta R.T. -0.00 min

Lab File: VY002070.D

Acq: 25 Mar 2020 16:30

Instrument :

MSVOA_Y

ClientSampleId :

FK-BPM-04-008-ABCD

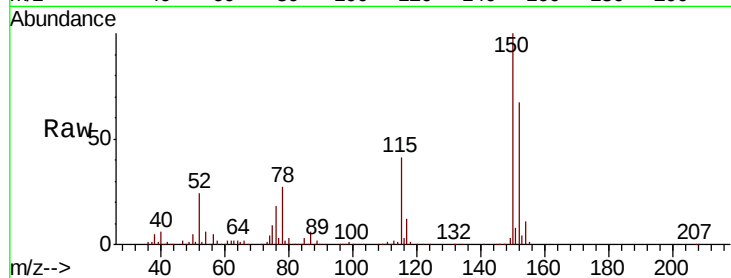
Tot Ion:152 Resp: 112590

Ion Ratio Lower Upper

152 100

115 60.7 29.9 89.7

150 155.9 0.0 340.6



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

