

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY022420\
 Data File : VY001766.D
 Acq On : 24 Feb 2020 12:33
 Operator : SY/MD
 Sample : L1654-02
 Misc : 5.70G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-03-012-ABCD

Quant Time: Feb 24 14:32:37 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

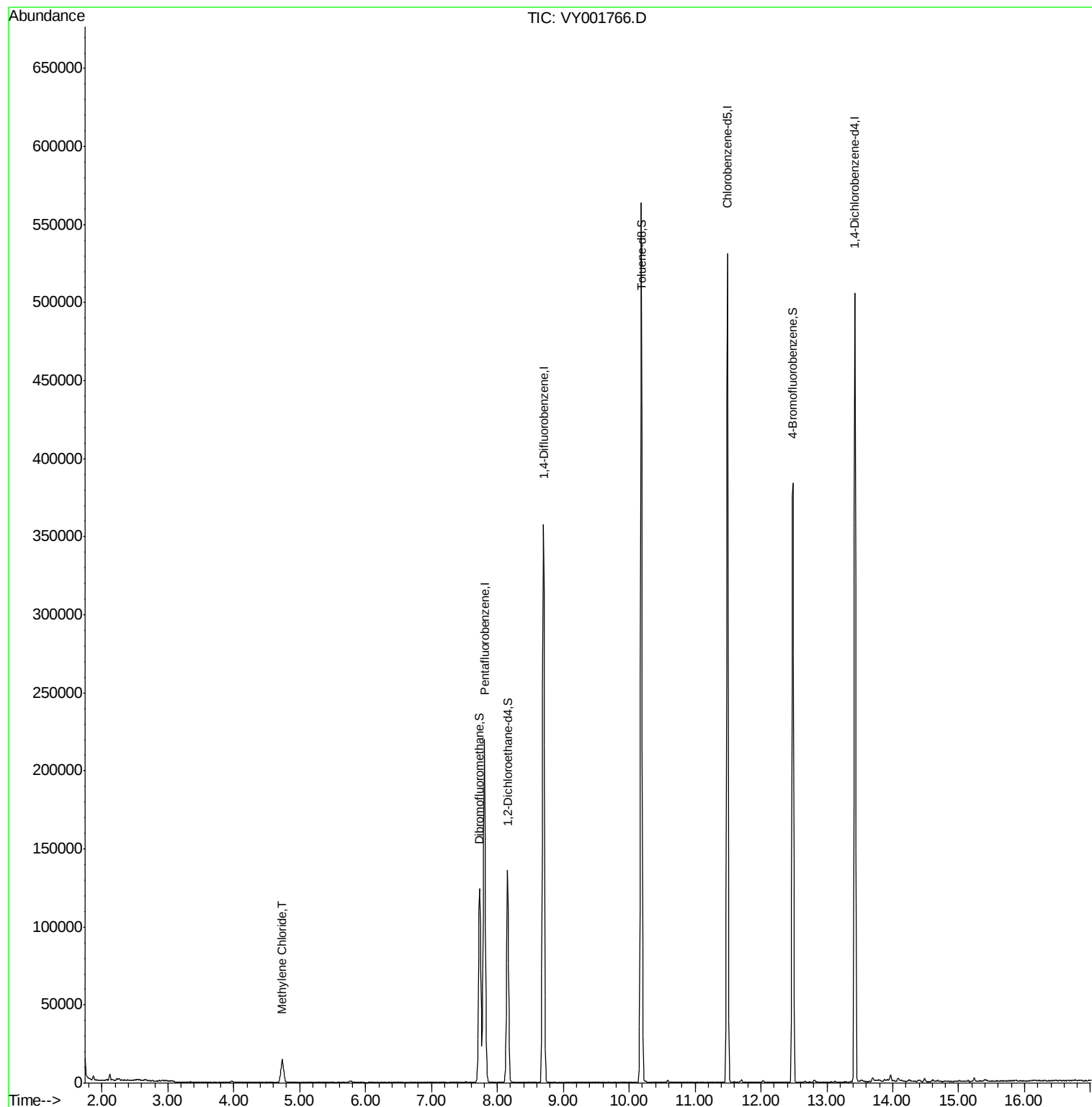
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	165772	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.70	114	304075	50.00	ug/l	-0.01
63) Chlorobenzene-d5	11.49	117	278131	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.42	152	121475	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.16	65	100686	56.47	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	112.94%	
35) Dibromofluoromethane	7.73	113	89659	51.48	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	102.96%	
50) Toluene-d8	10.18	98	372575	54.61	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	109.22%	
62) 4-Bromofluorobenzene	12.49	95	127044	47.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.86%	
Target Compounds						
20) Methylene Chloride	4.74	84	10540	4.809	ug/l	Qvalue 93

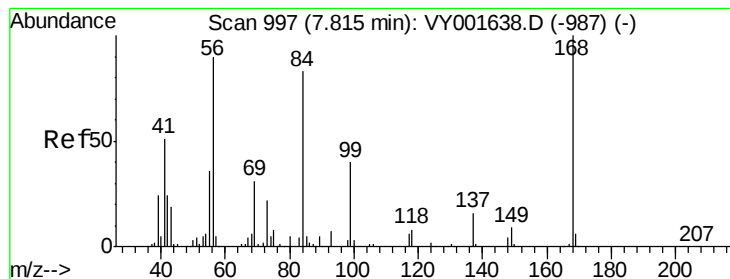
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VY001766.D

Acq: 24 Feb 2020 12:33

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MSVOA_Y

ClientSampleId :

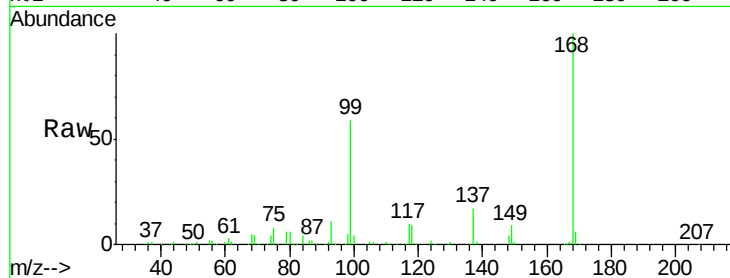
FK-BPM-03-012-ABCD

Tot Ion:168 Resp: 165772

Ion Ratio Lower Upper

168 100

99 59.5 47.5 71.3



Abundance Ion 167.90 (167.60 to 168.60): VY001766.D (-948) (-)

Ion 98.90 (98.60 to 99.60): VY001766.D (-948) (-)

7.80

60000

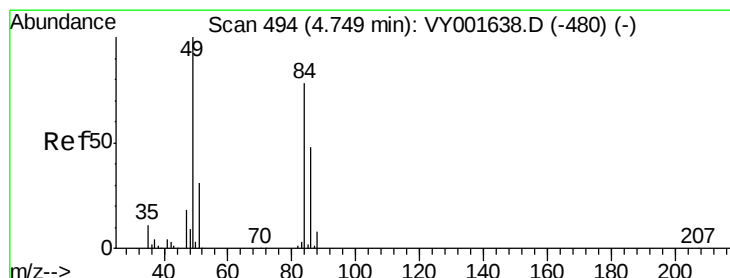
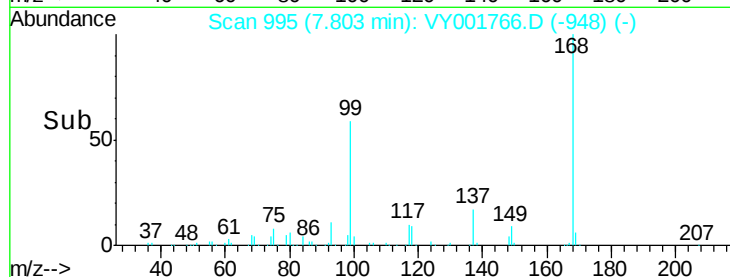
40000

20000

0

7.70 7.80 7.90

Time-->



#20

Methylene Chloride

Concen: 4.809 ug/l

RT: 4.74 min Scan# 492

Delta R.T. -0.01 min

Lab File: VY001766.D

Acq: 24 Feb 2020 12:33

Tgt Ion: 84 Resp: 10540

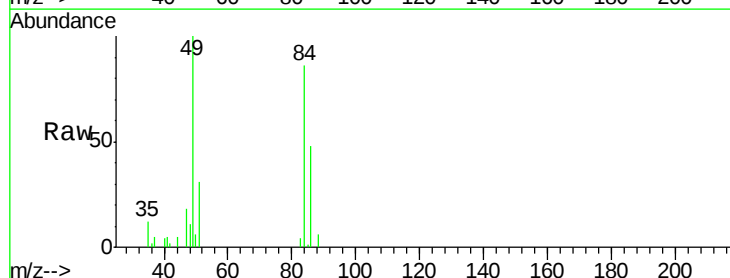
Ion Ratio Lower Upper

84 100

49 116.9 99.2 148.8

51 36.7 31.5 47.3

86 56.1 51.0 76.6



Abundance Ion 83.90 (83.60 to 84.60): VY001766.D (-445) (-)

Ion 48.90 (48.60 to 49.60): VY001766.D (-445) (-)

Ion 50.90 (50.60 to 51.60): VY001766.D (-445) (-)

Ion 85.90 (85.60 to 86.60): VY001766.D (-445) (-)

4.74

6000

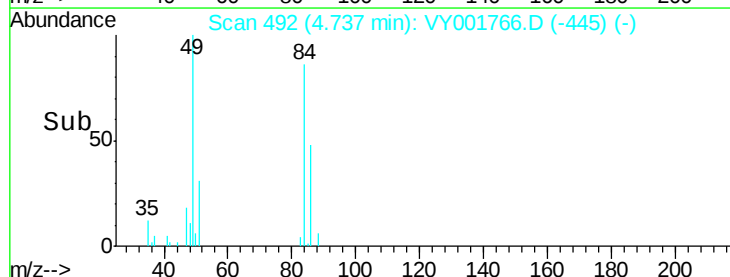
4000

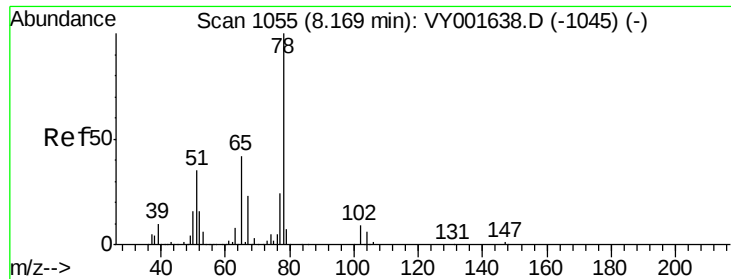
2000

0

4.60 4.70 4.80

Time-->





#33

1,2-Dichloroethane-d4

Concen: 56.466 ug/l

RT: 8.16 min Scan# 1053

Delta R.T. -0.01 min

Lab File: VY001766.D

Acq: 24 Feb 2020 12:33

Instrument :

MSVOA_Y

ClientSampleId :

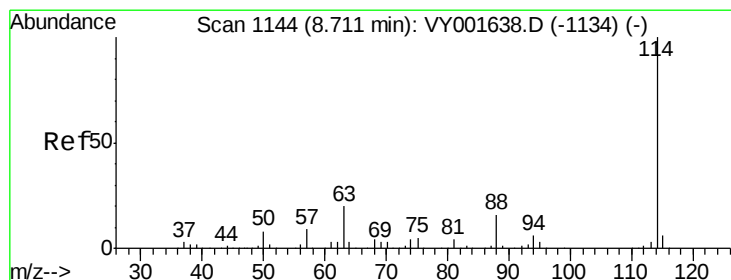
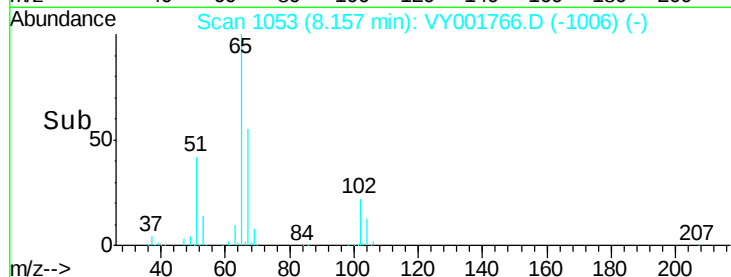
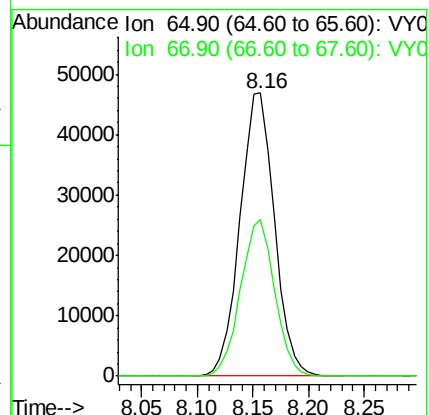
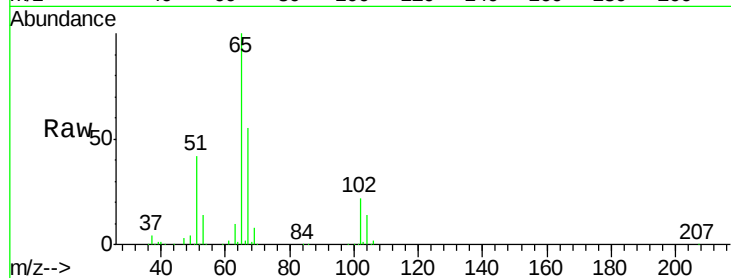
FK-BPM-03-012-ABCD

Tot Ion: 65 Resp: 100686

Ion Ratio Lower Upper

65 100

67 54.9 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: VY001766.D

Acq: 24 Feb 2020 12:33

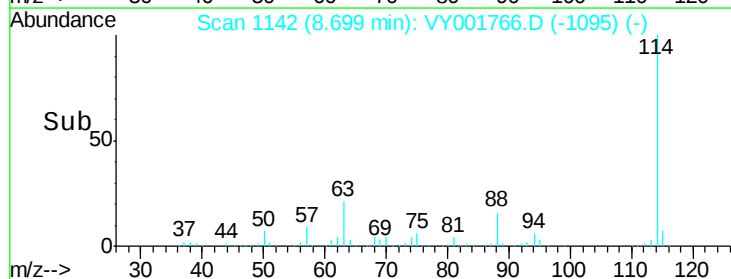
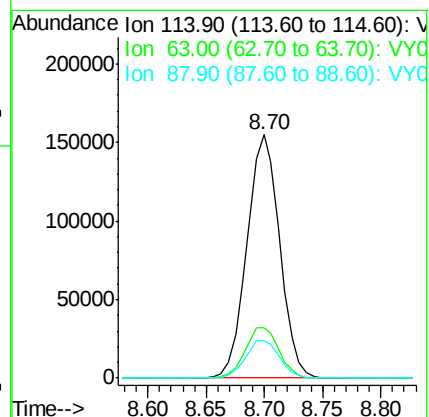
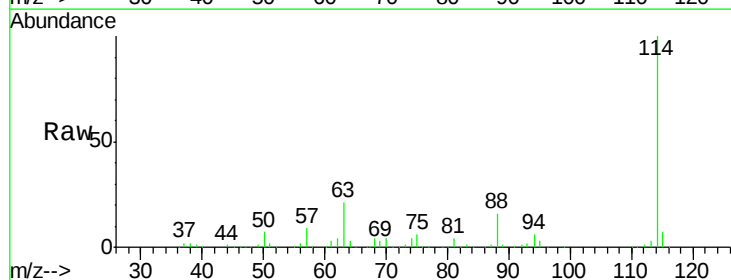
Tgt Ion: 114 Resp: 304075

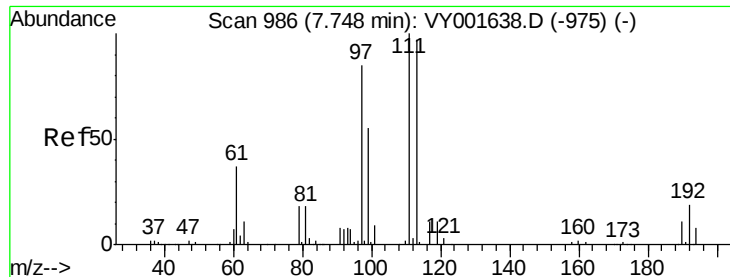
Ion Ratio Lower Upper

114 100

63 20.8 0.0 41.4

88 15.6 0.0 32.8

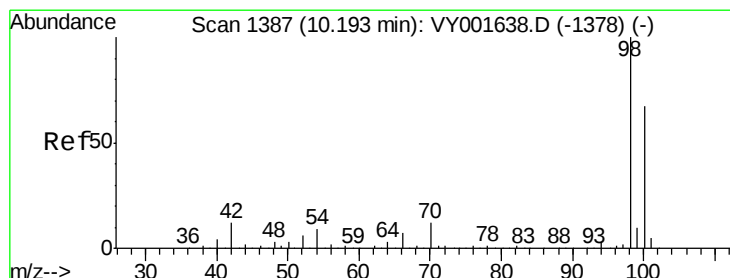
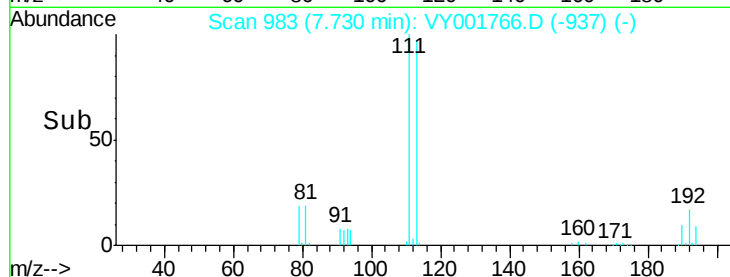
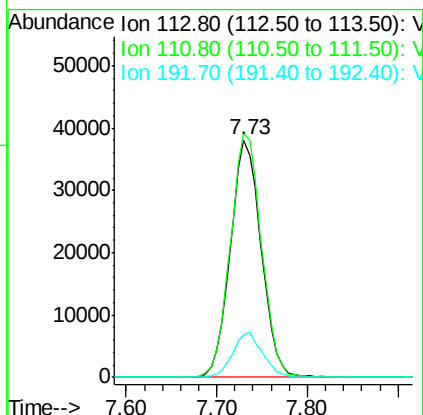
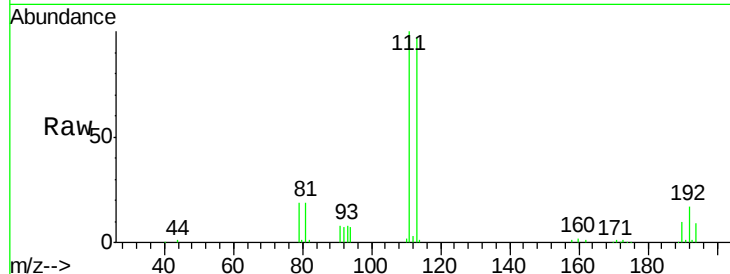




#35
 Dibromofluoromethane
 Concen: 51.481 ug/l
 RT: 7.73 min Scan# 983
 Delta R.T. -0.02 min
 Lab File: VY001766.D
 Acq: 24 Feb 2020 12:33

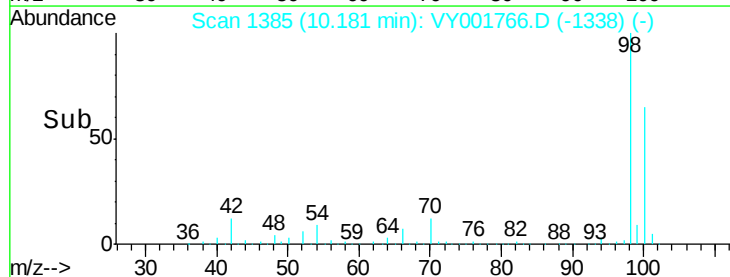
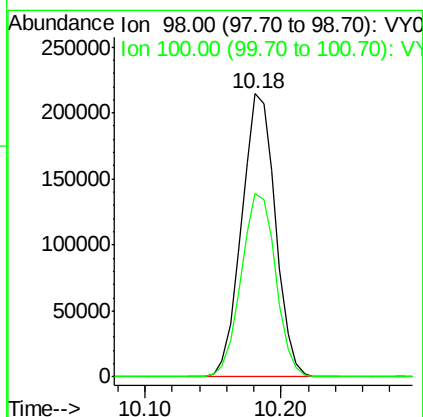
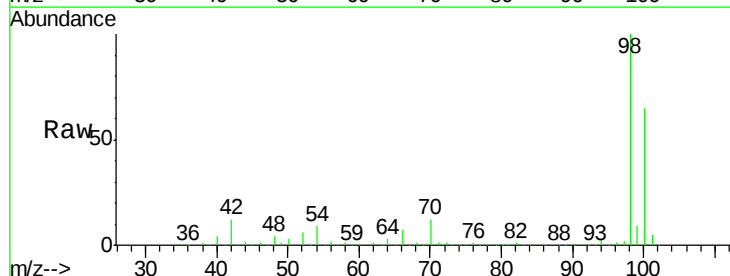
Instrument :
 MSVOA_Y
 ClientSampleId :
 FK-BPM-03-012-ABCD

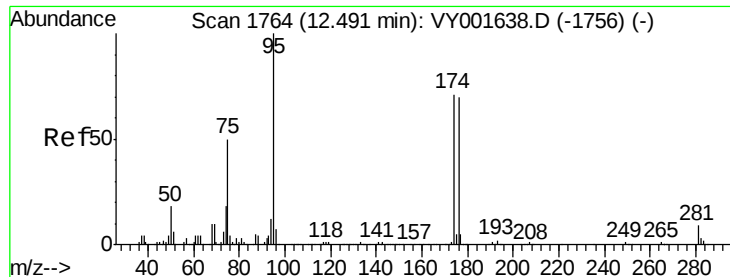
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.9	122.9
192	18.3	14.3	21.5



#50
 Toluene-d8
 Concen: 54.605 ug/l
 RT: 10.18 min Scan# 1385
 Delta R.T. -0.01 min
 Lab File: VY001766.D
 Acq: 24 Feb 2020 12:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.2	53.0	79.4

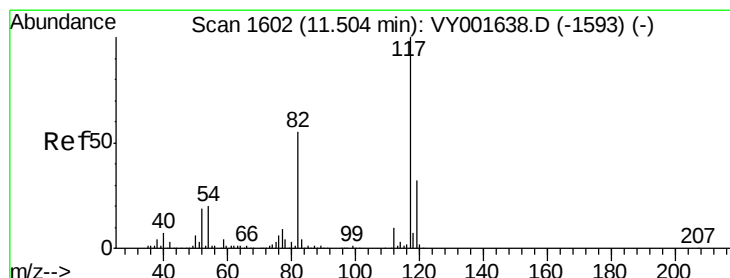
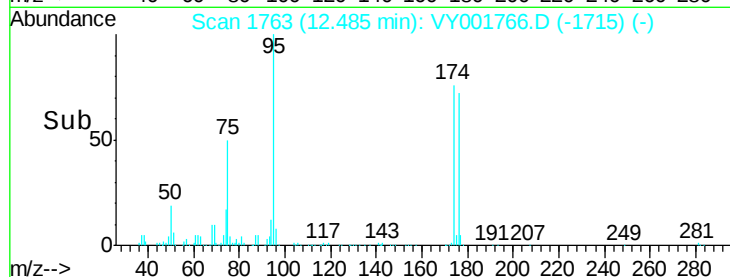
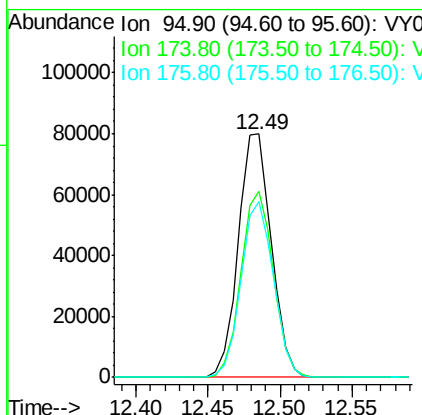
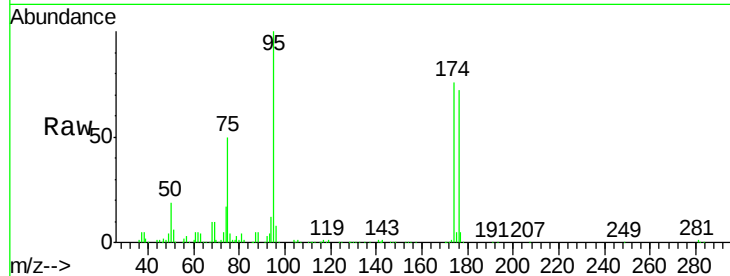




#62
4-Bromofluorobenzene
Concen: 47.928 ug/l
RT: 12.49 min Scan# 1763
Delta R.T. -0.01 min
Lab File: VY001766.D
Acq: 24 Feb 2020 12:33

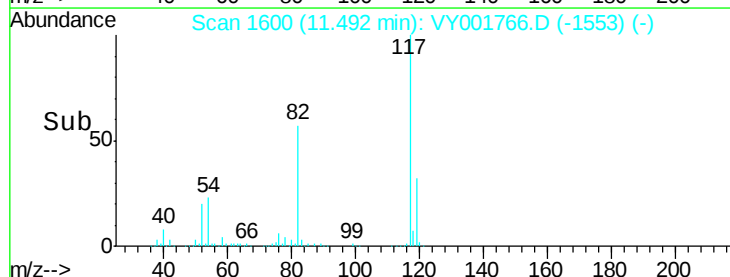
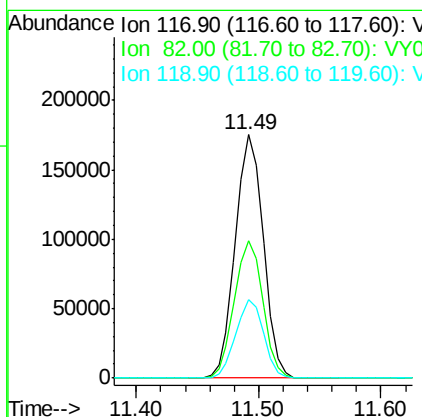
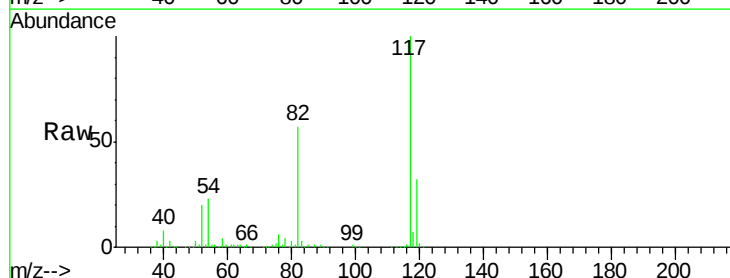
Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-03-012-ABCD

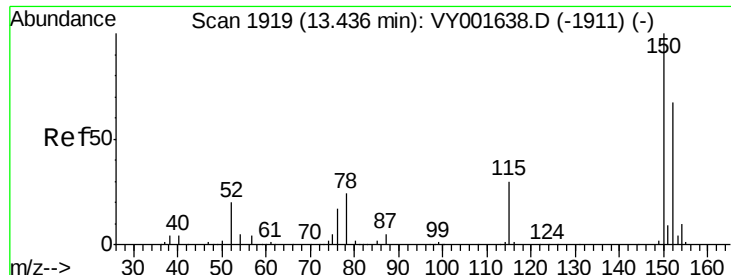
Tot Ion: 95 Resp: 127044
Ion Ratio Lower Upper
95 100
174 74.7 0.0 138.4
176 70.6 0.0 131.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.49 min Scan# 1600
Delta R.T. -0.01 min
Lab File: VY001766.D
Acq: 24 Feb 2020 12:33

Tgt Ion: 117 Resp: 278131
Ion Ratio Lower Upper
117 100
82 56.7 45.5 68.3
119 32.0 25.8 38.6



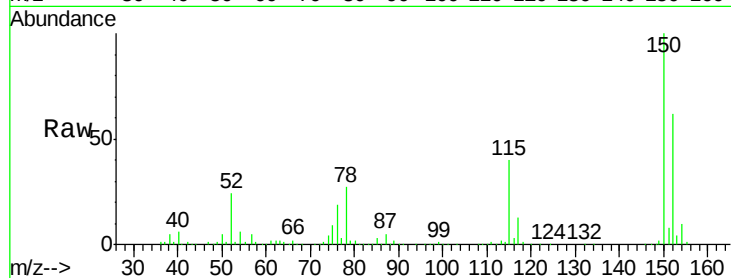


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.42 min Scan# 1917
Delta R.T. -0.01 min
Lab File: VY001766.D
Acq: 24 Feb 2020 12:33

Instrument :
MSVOA_Y
ClientSampleId :
FK-BPM-03-012-ABCD

Tot Ion	Ratio	Lower	Upper
152	100		
115	62.1	31.4	94.2
150	161.6	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

