

# Easy Enrichment of VOC from Papers Before & After Printing with MonoTrap

## Protocol

### Copy Paper

1. Chopped paper before colour print 10g
2. Chopped paper after colour print 10g



### Trapping MonoTrap RCC18 × 5pcs

Put MonoTrap into the vial and leave for 30 days @ 60°C

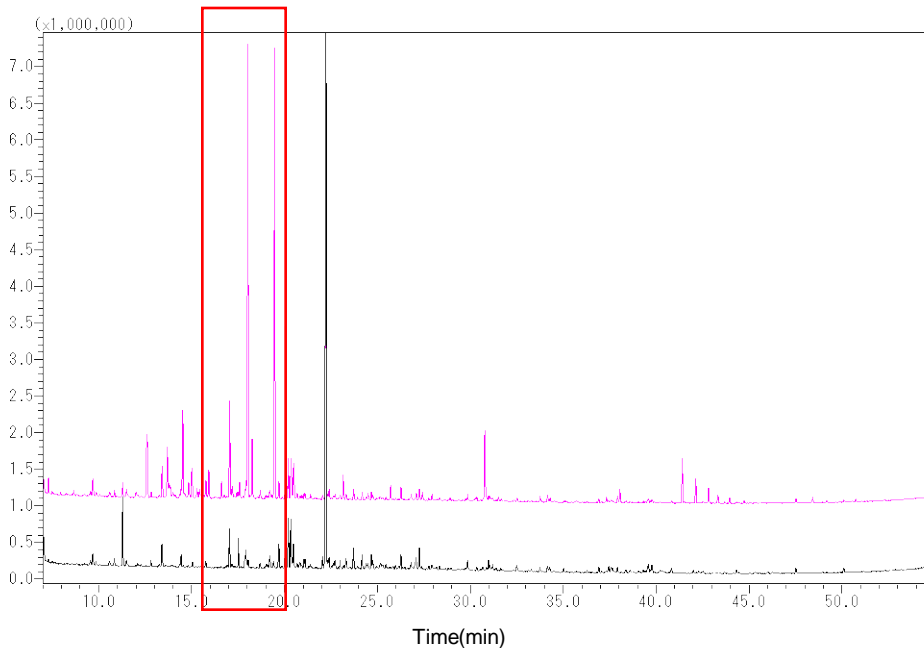
### Solvent Extraction

Dichloromethane 500µL  
Ultrasonication for 5 mins

### GC/MS

### GC Conditions

<b>System</b>	: GC/MS
<b>Column</b>	: InertCap Pure-WAX 0.25 mm I.D. × 30 m df = 0.25 µm
<b>Col. Temp.</b>	: 40 °C(5 min) - 4 °C /min - 250 °C
<b>Carrier Gas</b>	: He 1 mL/min
<b>Injection</b>	: Splitless 250 °C
<b>Detection</b>	: MS Scan (35-500 m/z)
<b>Sample Size</b>	: 1 µL



- After Colour Printing  
- Before Colour Printing

Enlarged Picture

