

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

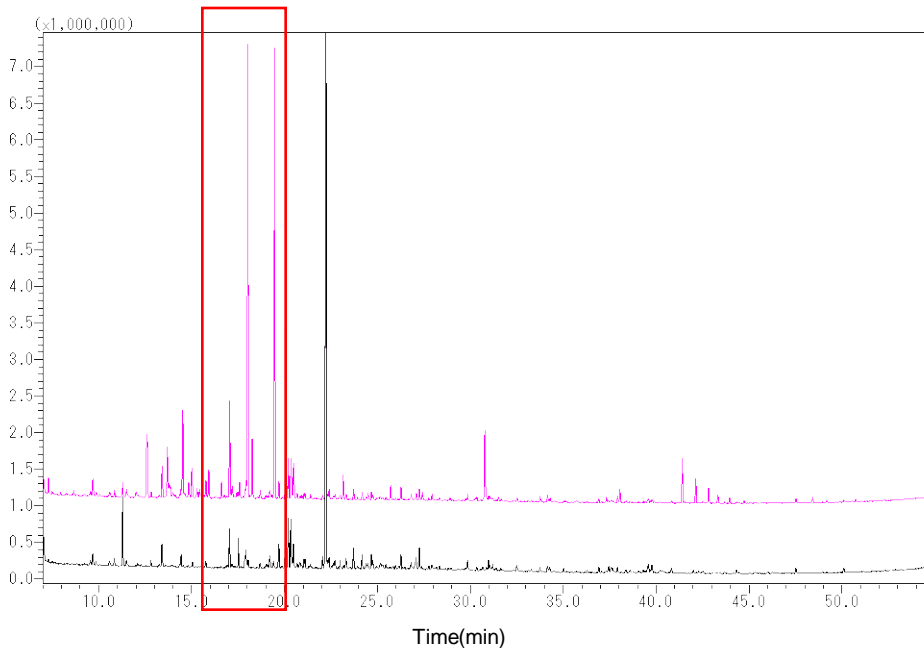
Solvent Extraction

Dichloromethane 500µL
Ultrasonication for 5 mins

GC/MS

GC Conditions

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



- After Colour Printing
- Before Colour Printing

Enlarged Picture

