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

Protocol

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

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

Dichloromethane 500µL
Ultrasonication for 5 mins

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