

### **Solvent extracts of fungi samples**

The liquid cultures belonging to each fungus line were filtrated and separated from the corresponding mycelium by means of a Büchner funnel and a mechanical pump.

#### **Solvent extract of liquid cultures**

The volatiles contained in each liquid culture (50 mL) were extracted by liquid-liquid extraction with organic solvent. Extraction was performed with 30 mL ethyl acetate three times (total volume of extract was 90 mL) in a separatory funnel. Each extract was dried with anhydrous magnesium sulphate, filtered and concentrated up to 1mL under reduced pressure in a rotatory evaporator. One  $\mu\text{L}$  of each 1 mL sample was injected for GC-MS/MS analysis.

#### **Solvent extract of solid mycelia**

The volatiles still contained in each mycelium sample (10-15 g) were extracted by solvent extraction. Extraction was performed with 30 mL ethyl acetate in a glass centrifuge tube, at room temperature and magnetic agitation for 2 hours. Each extract was dried with anhydrous magnesium sulphate, filtered and concentrated up to 1mL under reduced pressure in a rotatory evaporator. One  $\mu\text{L}$  of each 1 mL sample was injected for GC-MS/MS analysis.