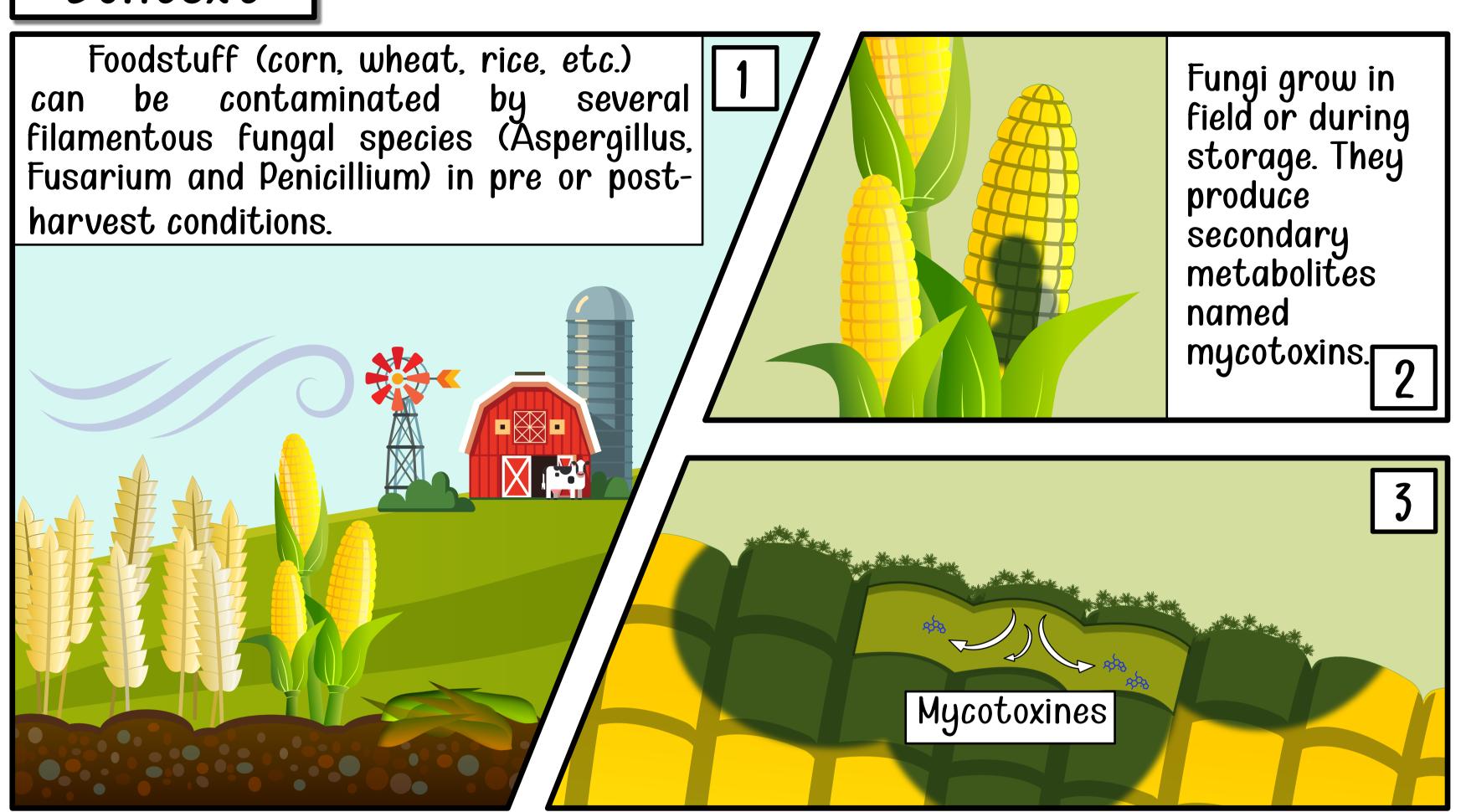
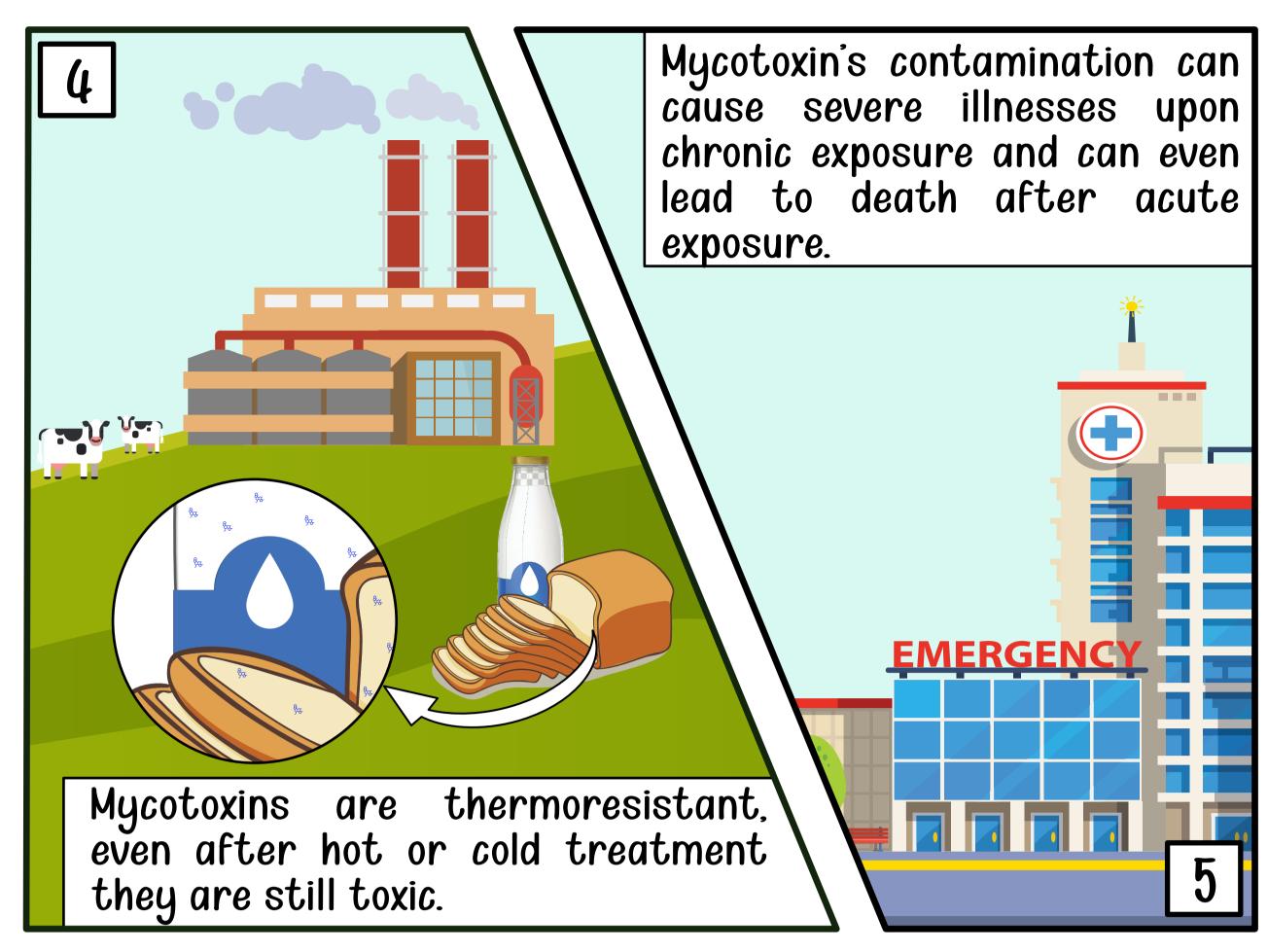
Study of volatile organic compounds emitted by mycotoxin-producing fungi in order to develop a sensor.

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Context

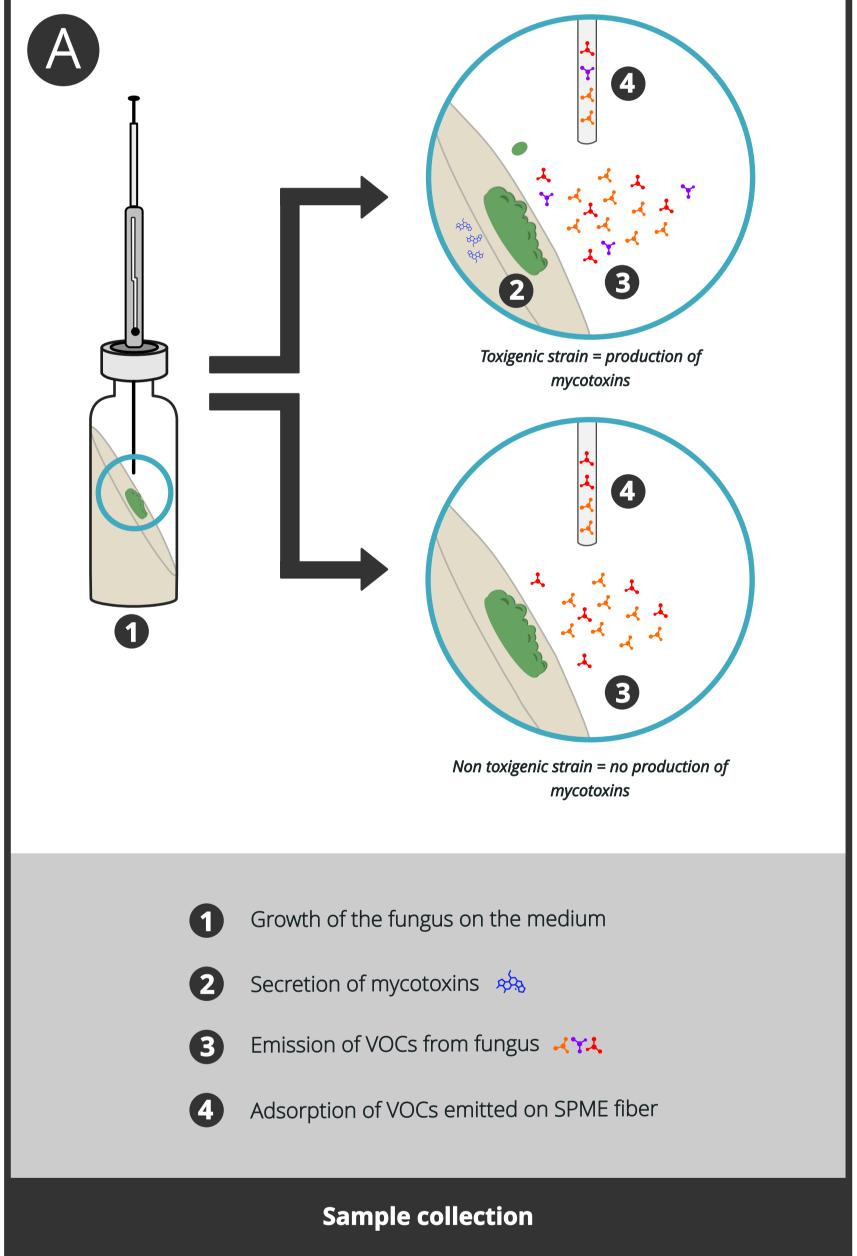


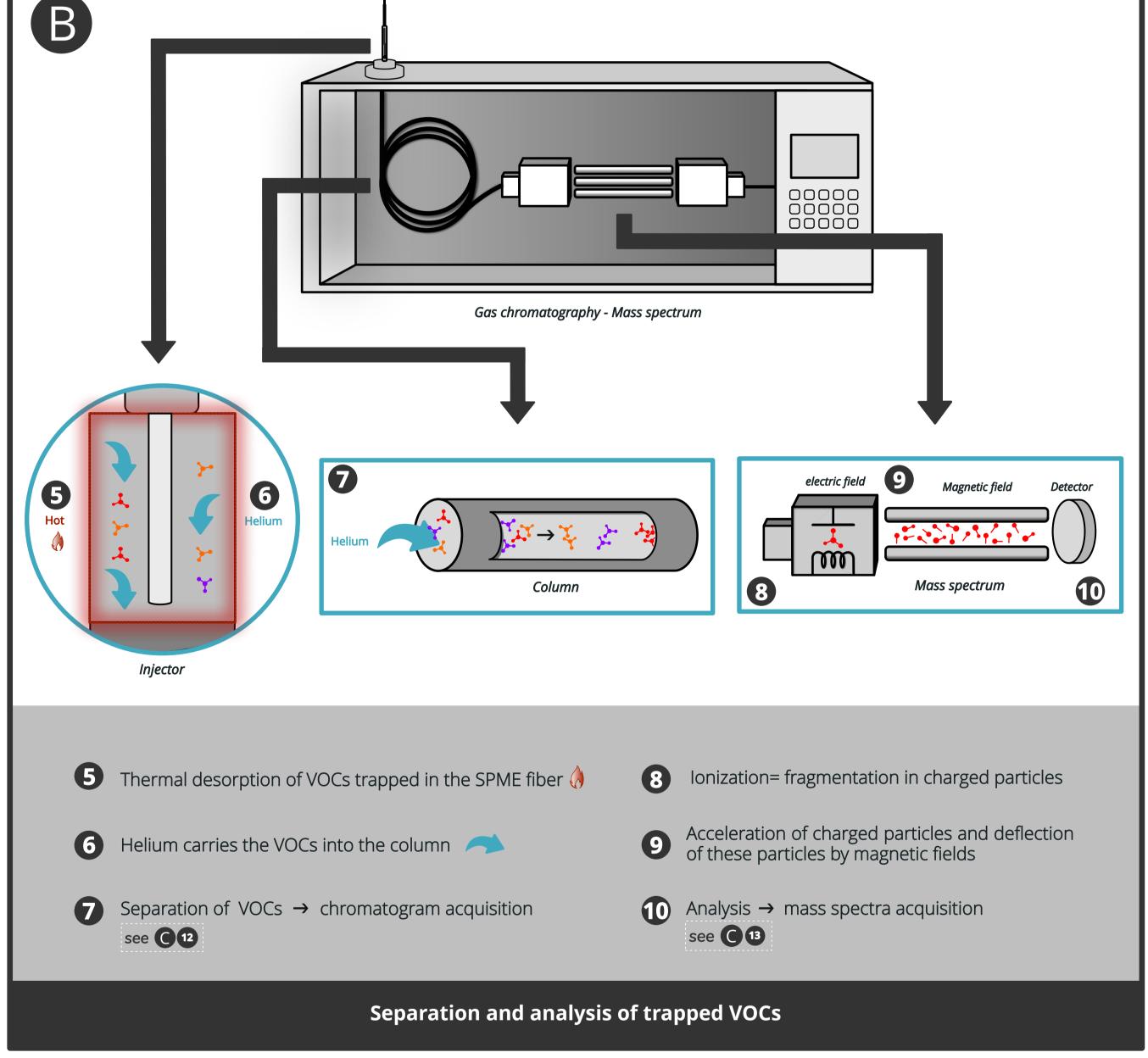


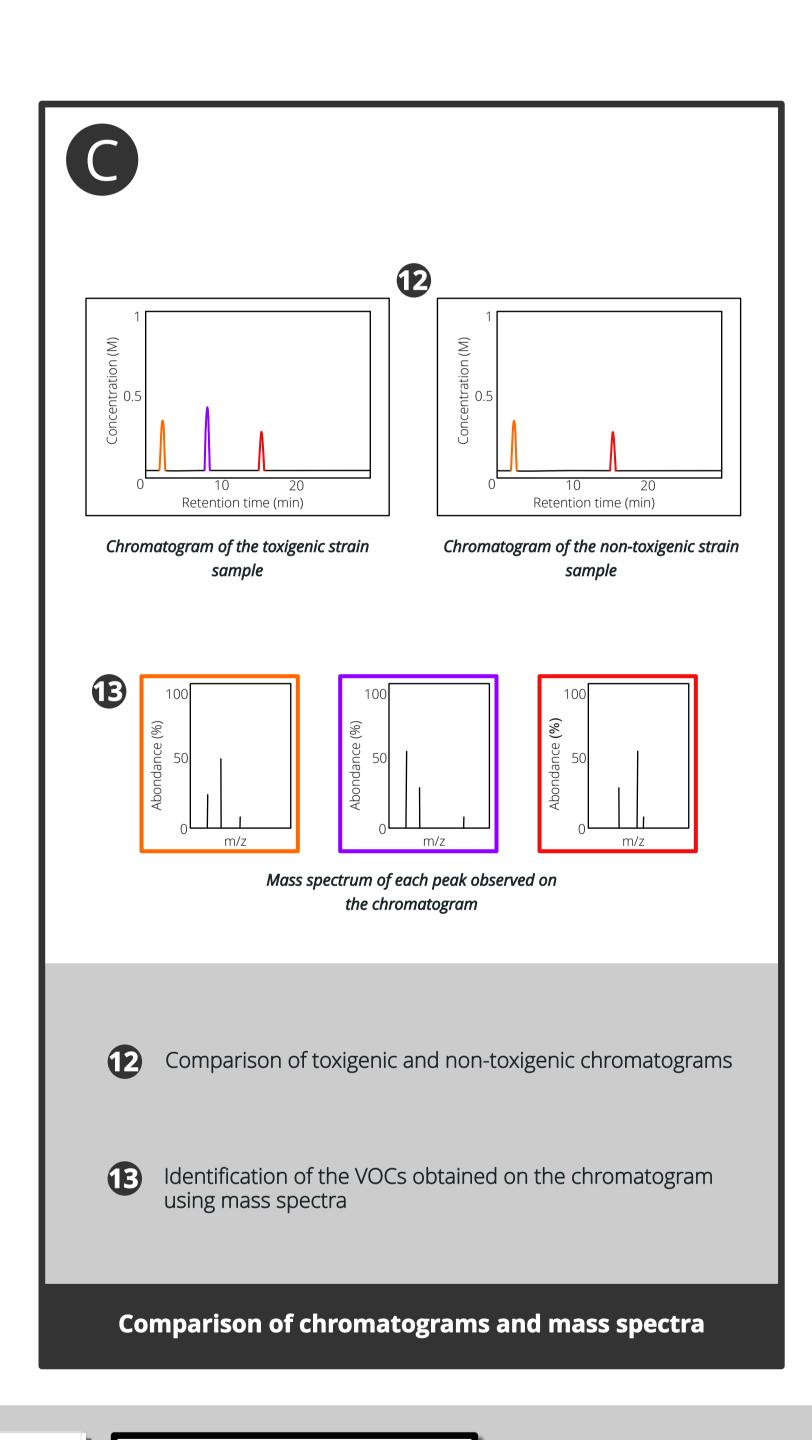
Objective

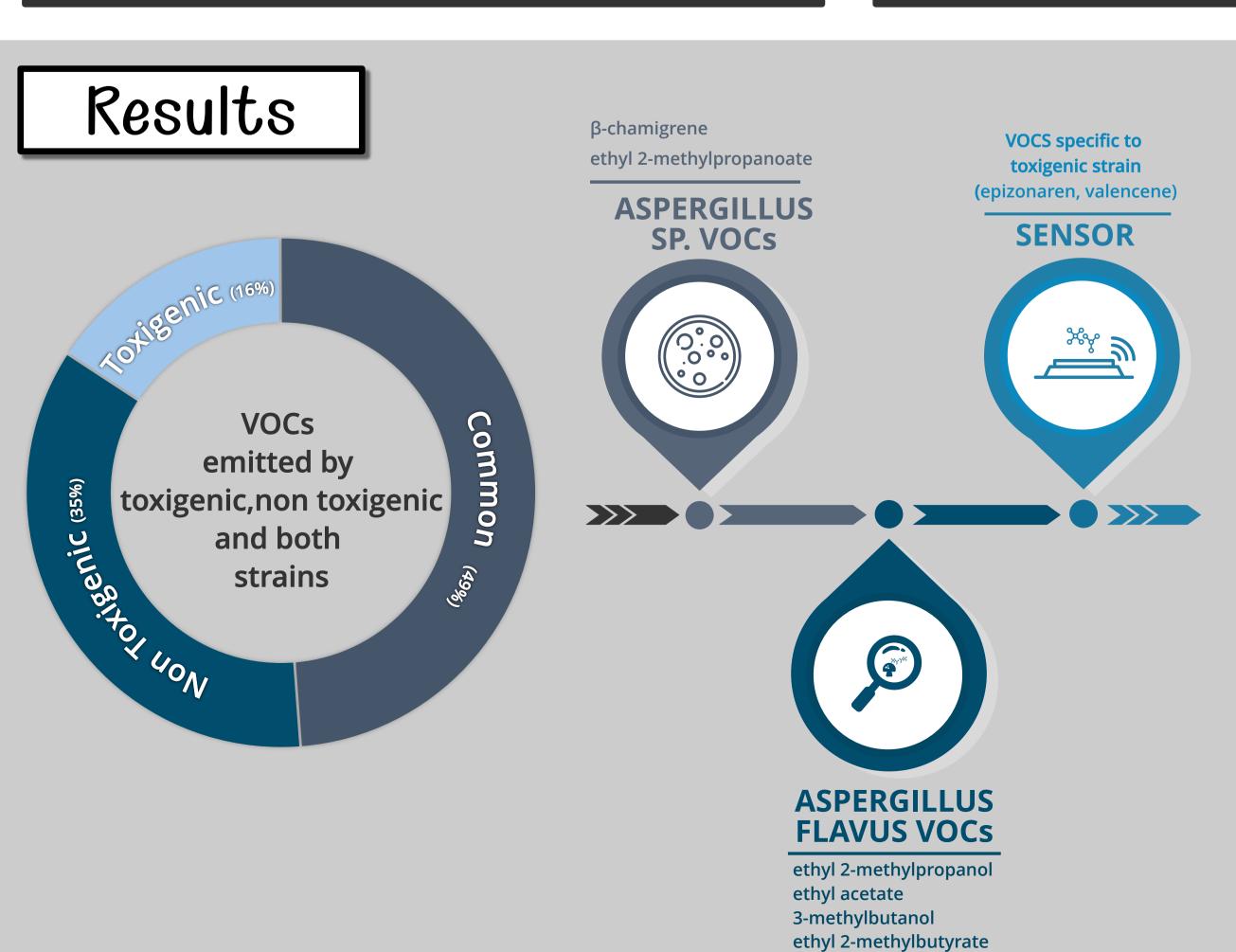
For the moment, mycotoxins are analyzed by HPLC-MS/MS a long, expensive and descructive method. The purpose of the present work is to **identify volatile organic compounds** (VOCs) markers that are produce as the same time as **mycotoxins** by the fungi in order to develop specific sensor.

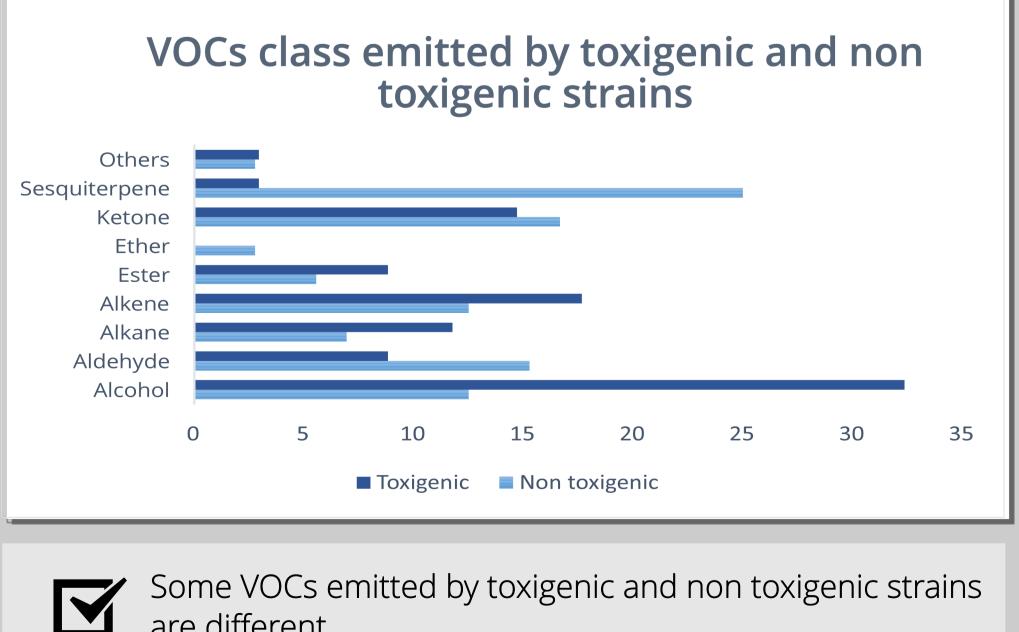
Method

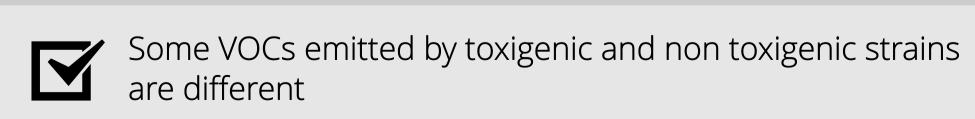








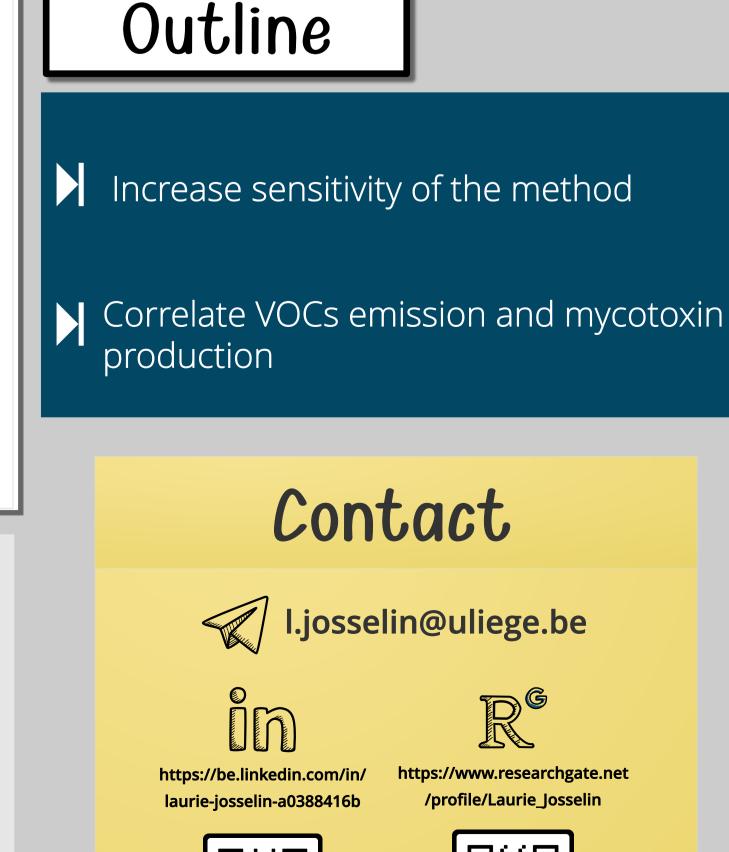




A part of the VOCs are constantly emitted by the strain during their growth

> VOCs specifically emitted by the toxigenic strain have been identified. They are potential biomarkers to develop specific sensors.

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