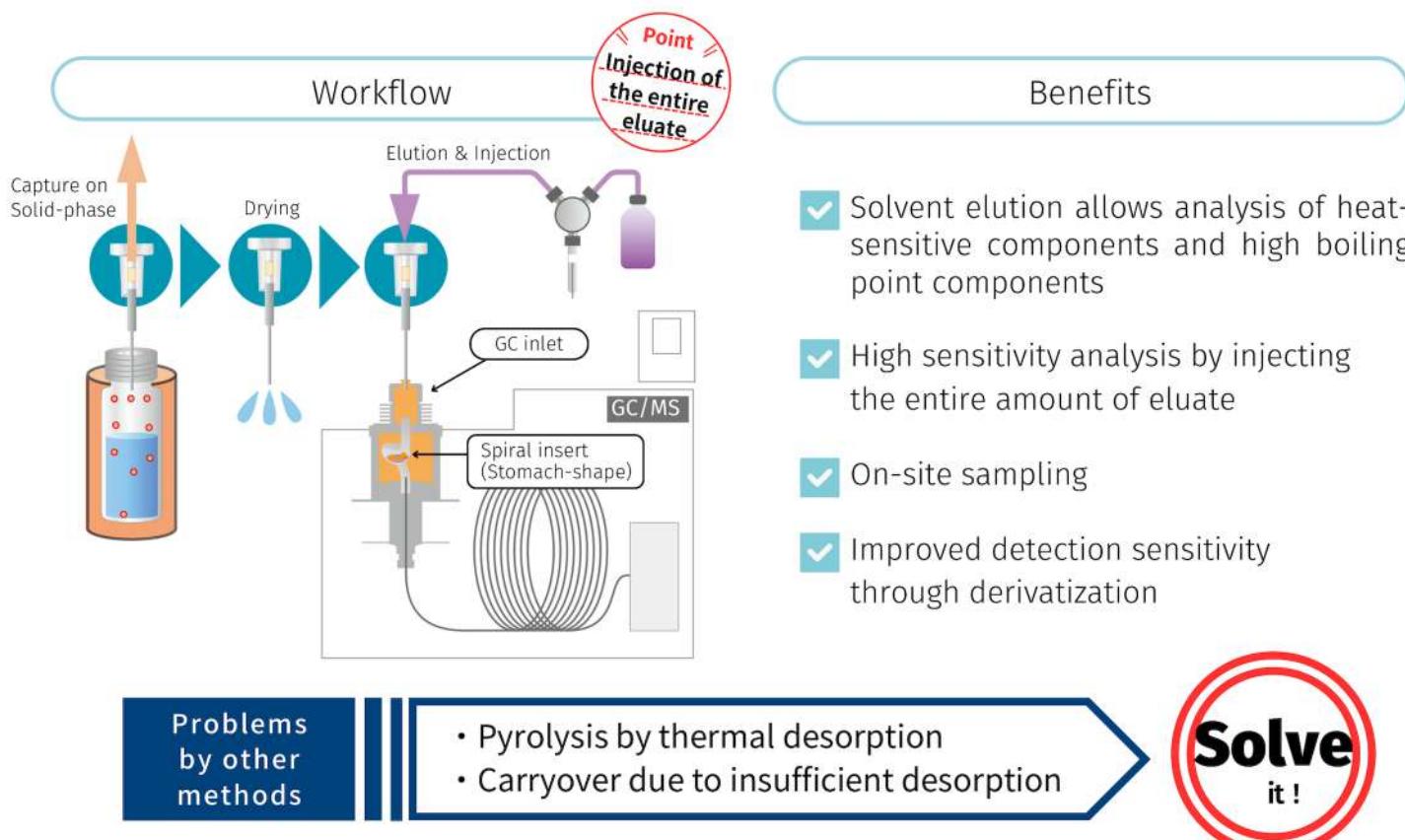


A new volatile analysis technique.

Optional part for Online SPE-GC/MS system

Solid Phase Adsorption - Solvent Elution

The gas phase in a sample vial is drawn into a solid-phase cartridge to capture the volatile components. The entire eluate from the solid-phase cartridge is directly injected into the GC injection port.



Install examples of the option for volatile analysis

Metabolomics + Aroma

Supports not only metabolome analysis also aroma!

SPL-M100



Amino acids
Organic acids
Fatty acids

Sugars
Nucleobases



Aroma

Water analysis + musty odor

Supports not only water quality analysis also musty odor!

SPL-P100



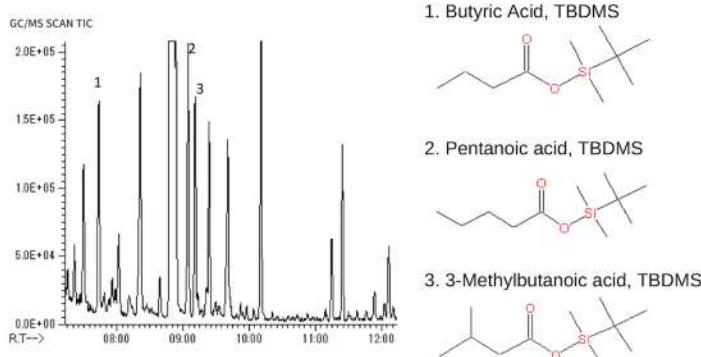
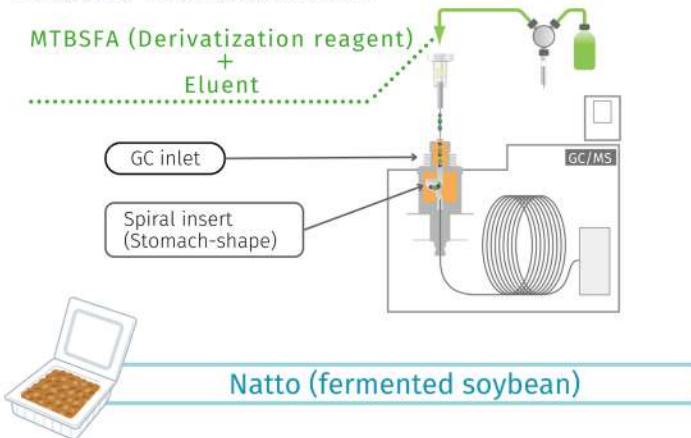
Simultaneous analysis of pesticides
Hazardous substances monitoring
Simazine/Thiobencarb, Nonylphenol, Chlorophenol



Musty odor

Derivatization

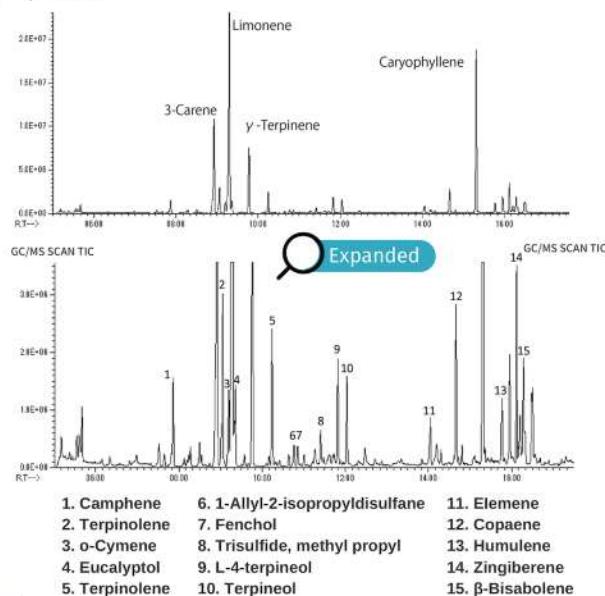
After the sample is drawn in, it is eluted and reacted with an eluent containing a derivatization reagent and then introduced into the GC column.



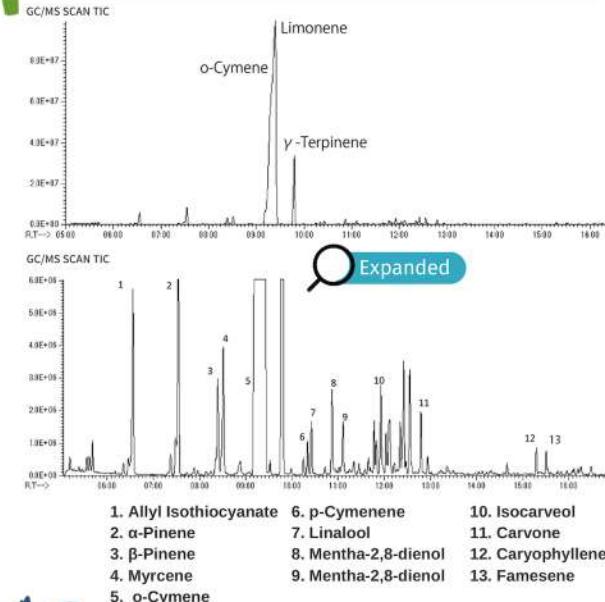
Application



Stake soysause

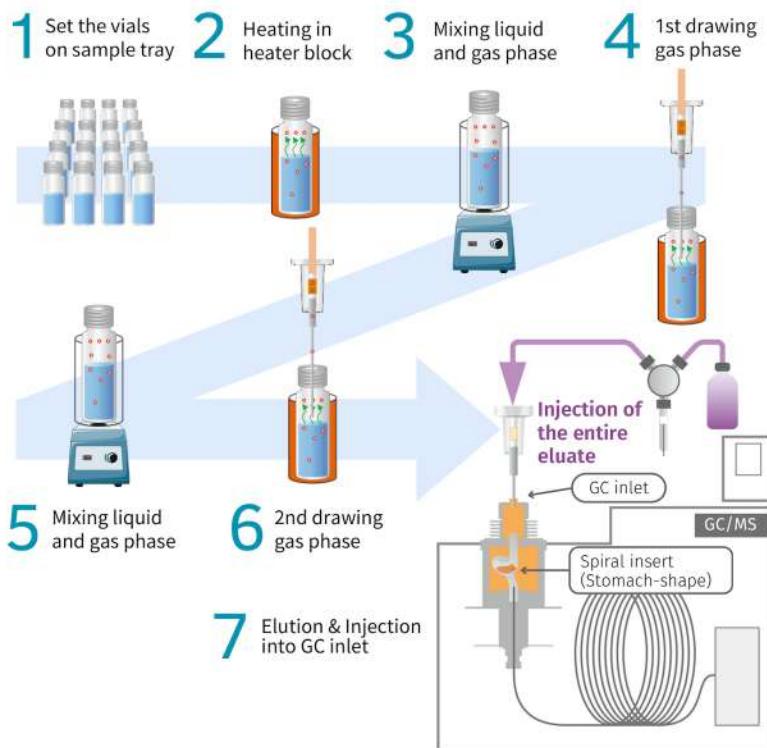


Yuzu-flavoured chili paste



Musty odor (River water)

Sampling procedures of volatiles



Extracted ion chromatograms (overlaid, n=5)

