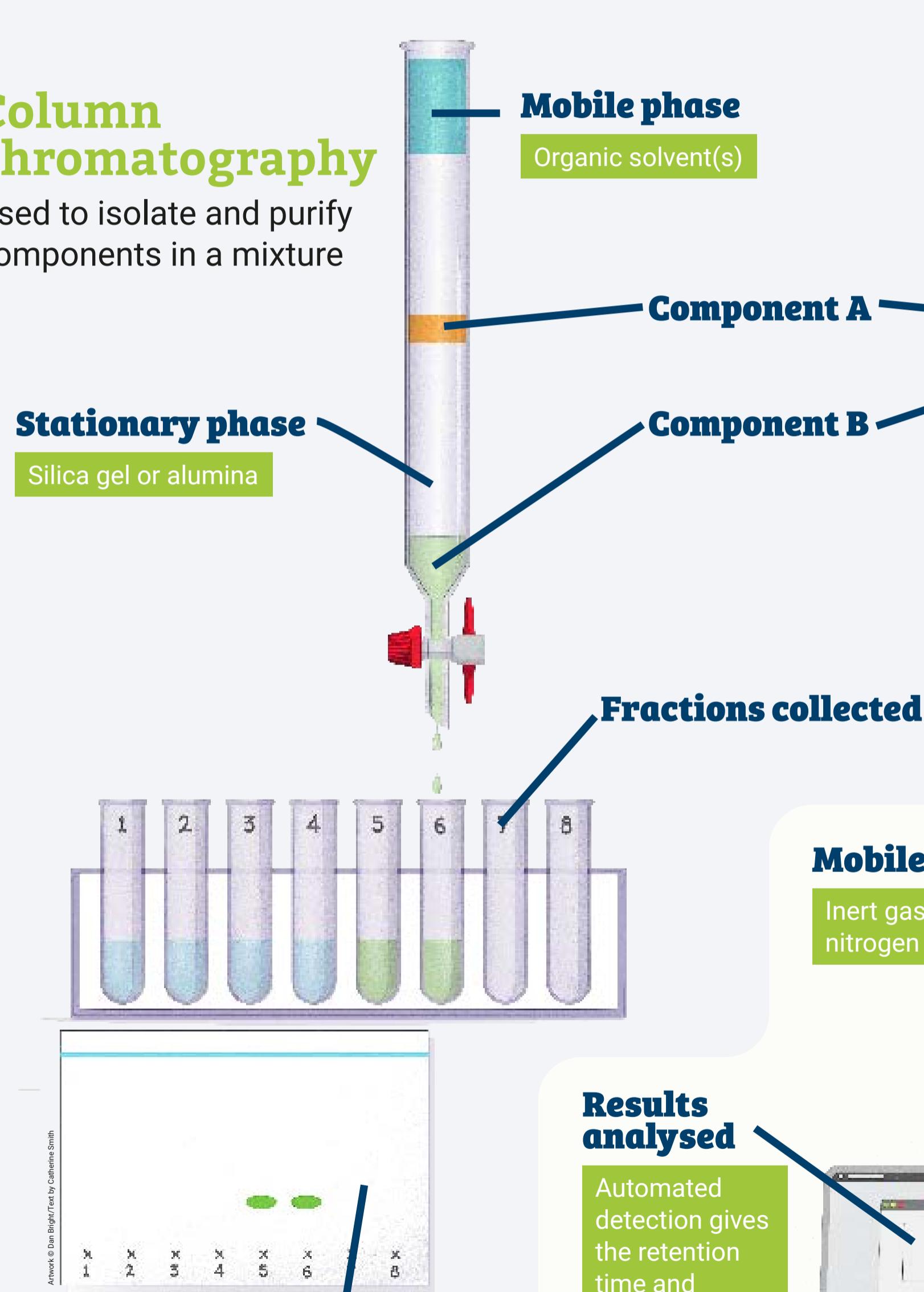


Chromatography in commercial applications

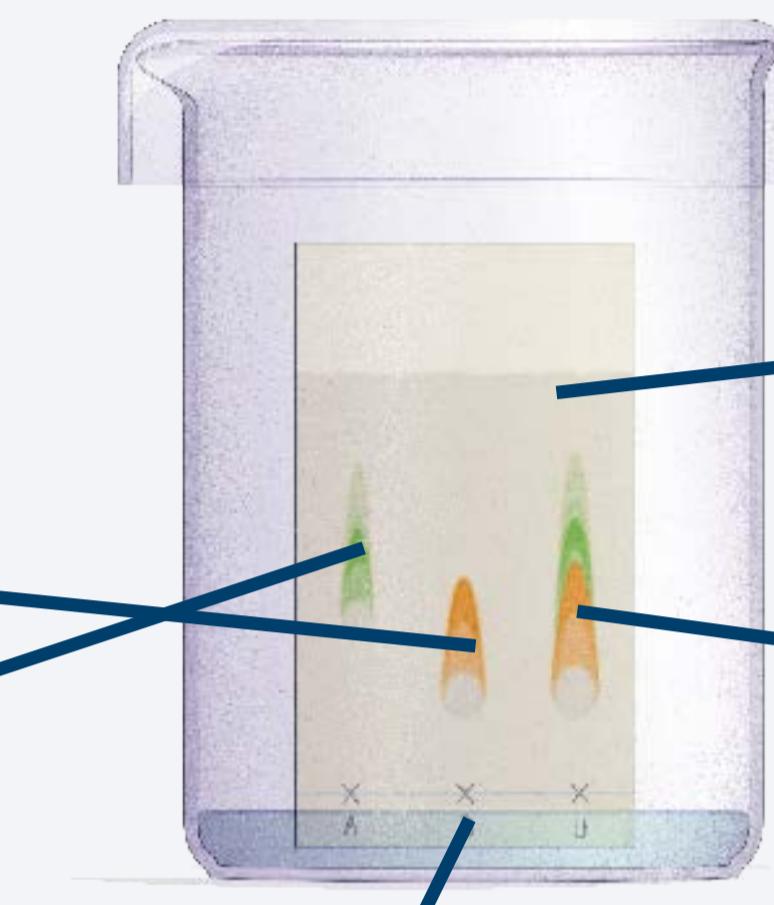
Column chromatography

Used to isolate and purify components in a mixture



Thin-layer chromatography

Used for analysis



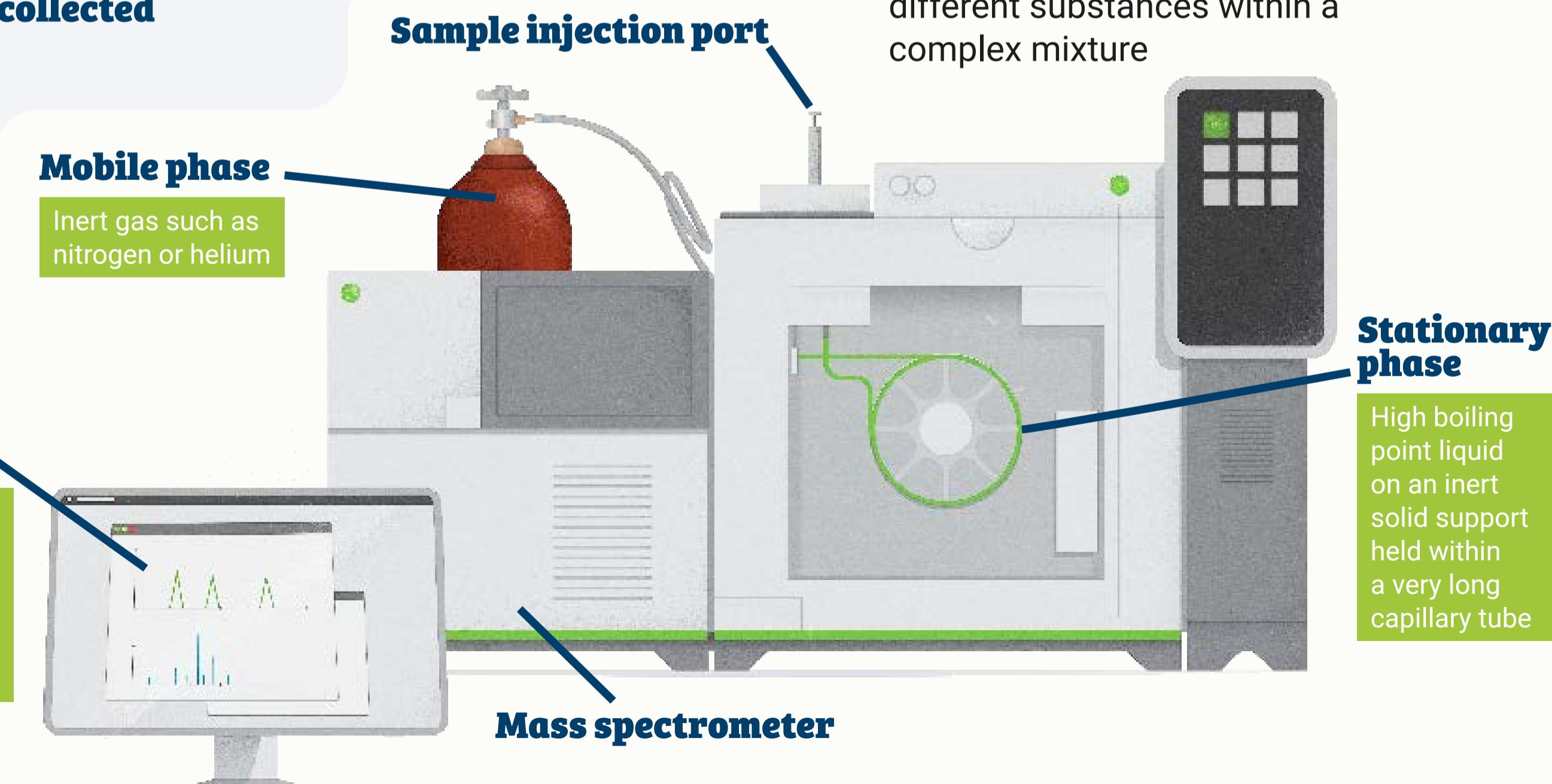
Stationary phase
Silica gel or alumina on a glass, metal or plastic backing

Results analysed

By comparing R_f values

Gas chromatography-mass spectrometry

Used for separating and identifying different substances within a complex mixture



Results analysed

Automated detection gives the retention time and mass spectra of components

Results analysed

By thin-layer chromatography