

Unsolved Mysteries of Human Health

Gas Chromatography / Mass Spectrometry (GCMS)

Worksheet

1)	Name a chemical you cannot smell or see.
2)	Define volatility. Name a chemical that has high volatility.
3)	Define troposphere. How does this relate to air quality?
4)	A very powerful and sensitive instrument used to study trace amounts of chemicals in the air is called a connected to a

5)	What chemical is an indication of forest fires?
6)	What chemical is an indication that the air pollutant traveled here from China?
7)	How do you remove the air sample from the filter in the lab?
8)	What is the last step before it can be analyzed with the GCMS?
9)	What does a mass spectrum show?
10)	How can you map air currents?