

ABSTRACT

Title: A GC/MS arrangement and mass spectrometer

- 5 A GC/MS arrangement, comprising:
- a GC unit;
 - an MS unit;
 - a transfer line fluidly connecting the GC unit and the MS unit
 - a carrier gas valve for selectively supplying carrier gas to the transfer line;
 - 10 at least one monitoring unit associated with the MS unit for monitoring at least one operational condition of the MS unit; and
 - a controller connected to the at least one monitoring unit and carrier gas valve, configured to close the carrier gas valve when a predetermined operational event is detected by the at least one monitoring unit.

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[Figure 1]