

SOP FOR GC-MS

Starting procedure

- 1) Helium inlet on 75-80 pressure.
- 2) Switch on the main switches
- 3) Switch on GC
- 4) Switch on CPU
- 5) Password on desktop->tcinstall
- 6) Login GC
- 7) Wait till oven and PSS both become green
- 8) Switch on MS and wait till it becomes green
- 9) Open Turbo Mass Software(no password)
- 10) Click on the specs icon under MS
- 11) Click on vacuum option and wait till it become green and status become OK
- 12) Set source temperature as 150 °C
- 13) Set inlet line temperature as 200 °C
- 14) General status becomes green

Method setting instructions

- 1) Add a row
- 2) Go to GC->right click-> got to instruments-> control options-> oven/inlets->put everything as required-> save as
- 3) Go to MS->right click->same as above
- 4) GC and MS scan time should match
- 5) Run the sample on a count of 5 seconds (clean the syringe with DI water and sample in case of liquid sample)

Switching off procedure

- 1) Set source temperature-> 50 °C
- 2) Set inlet temperature -> 50 °C
- 3) Switch vacuum off,wait till it becomes vented
- 4) Exit from the software
- 5) Switch off the GC
- 6) Switch off the MS
- 7) Stop the gas flow
- 8) Switch off all the switches