

Oxidant- free dehydrogenation of alcohols using chitosan/polyacrylamide entrapped Ag nano particles

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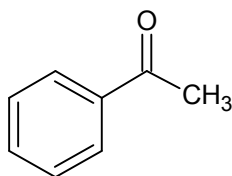
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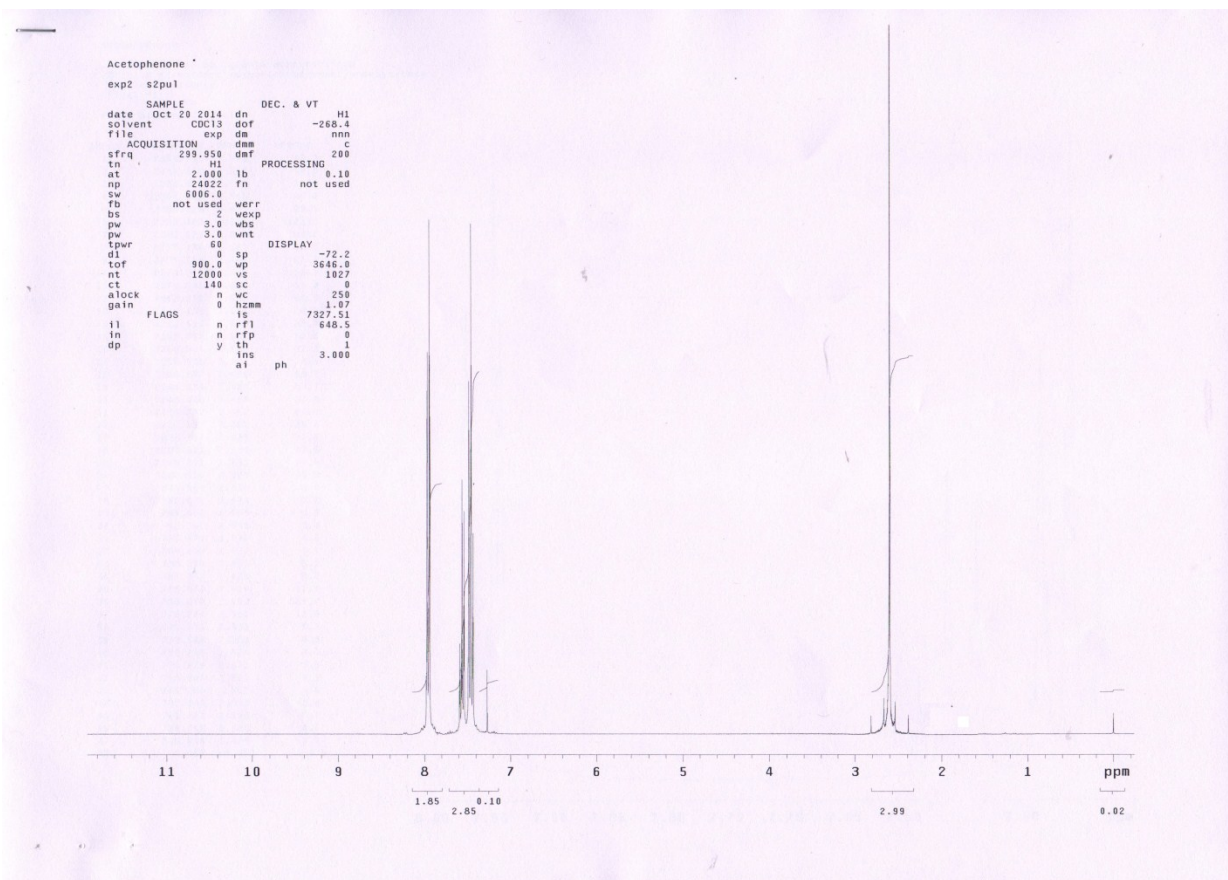
Tel. + 91 22 3361 2607

Analytic data of products

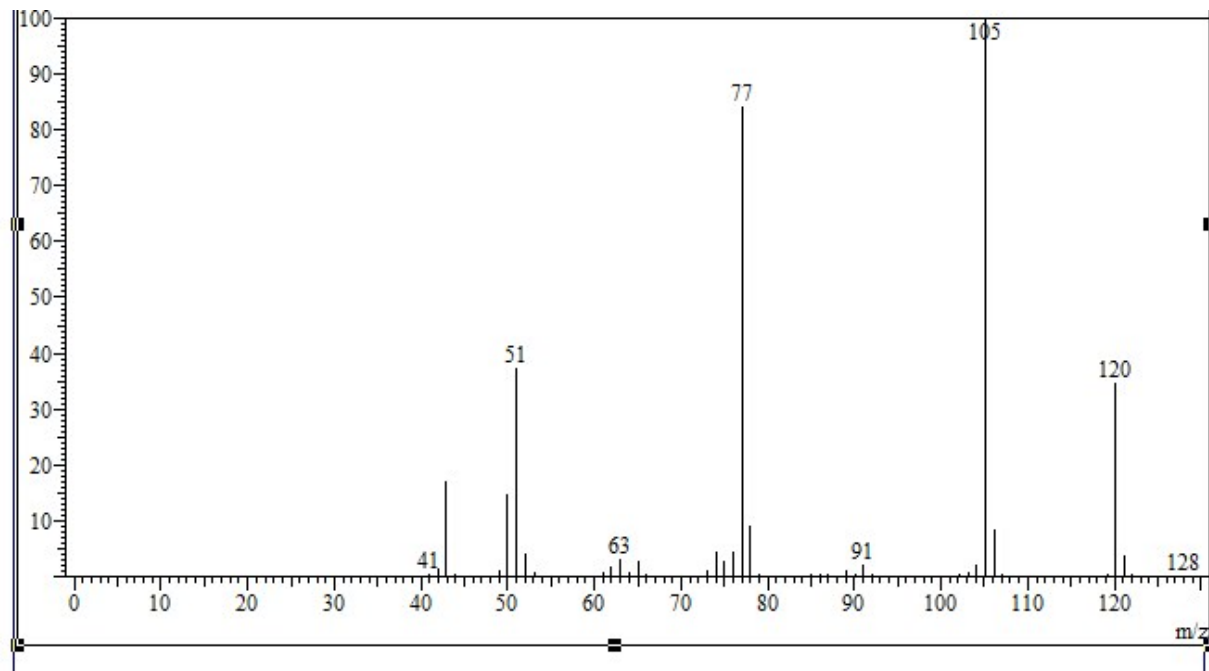
1. Acetophenone



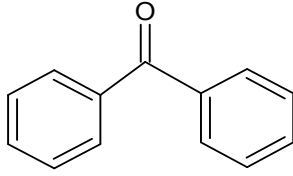
¹H NMR



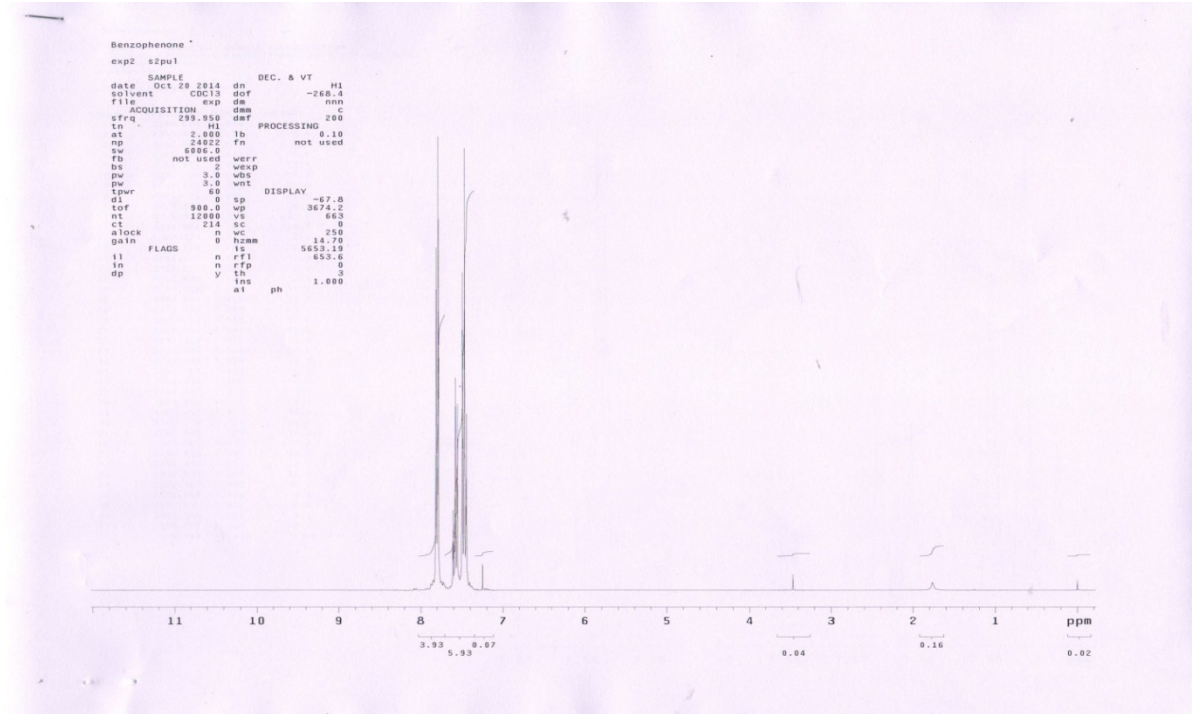
GC-MS



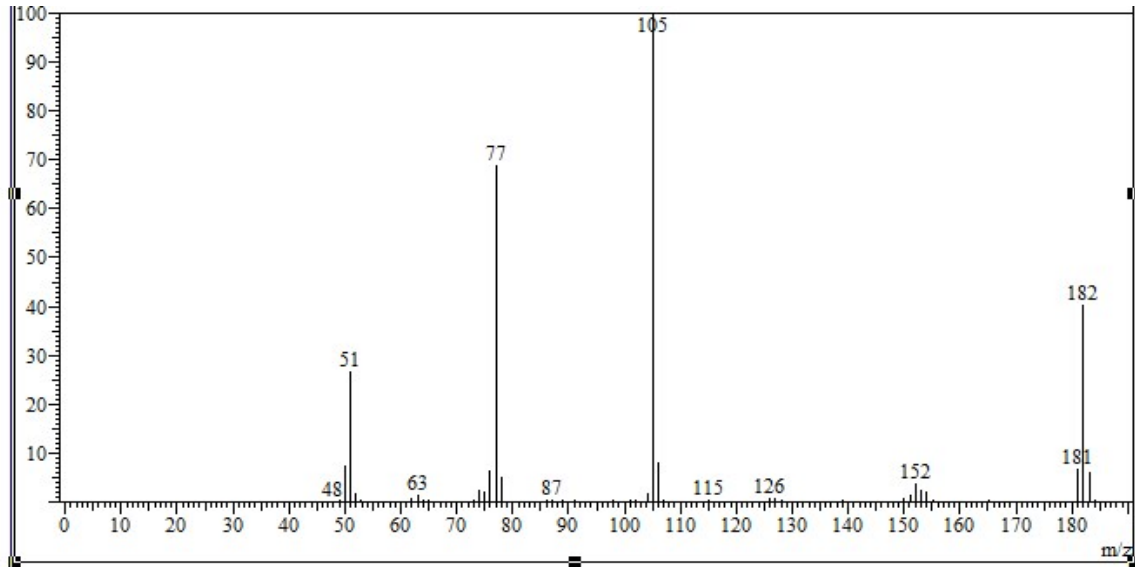
2. Benzophenone



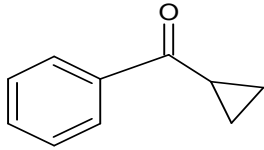
¹H NMR



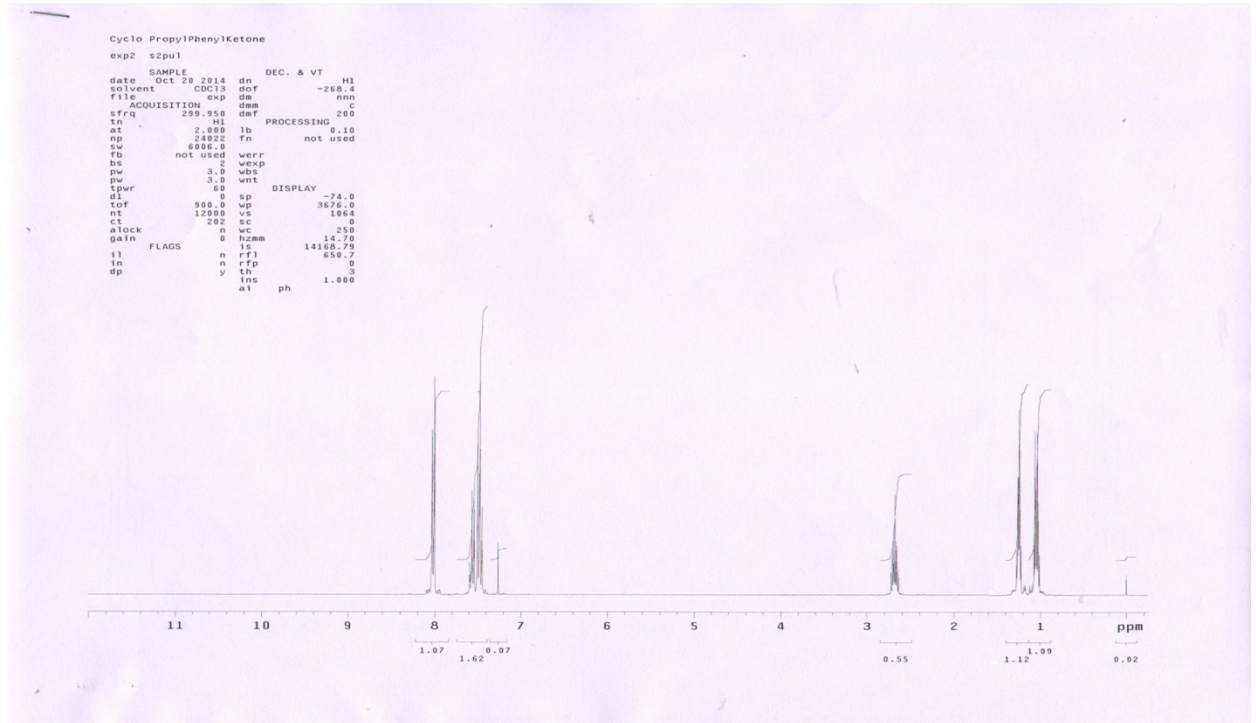
GC-MS



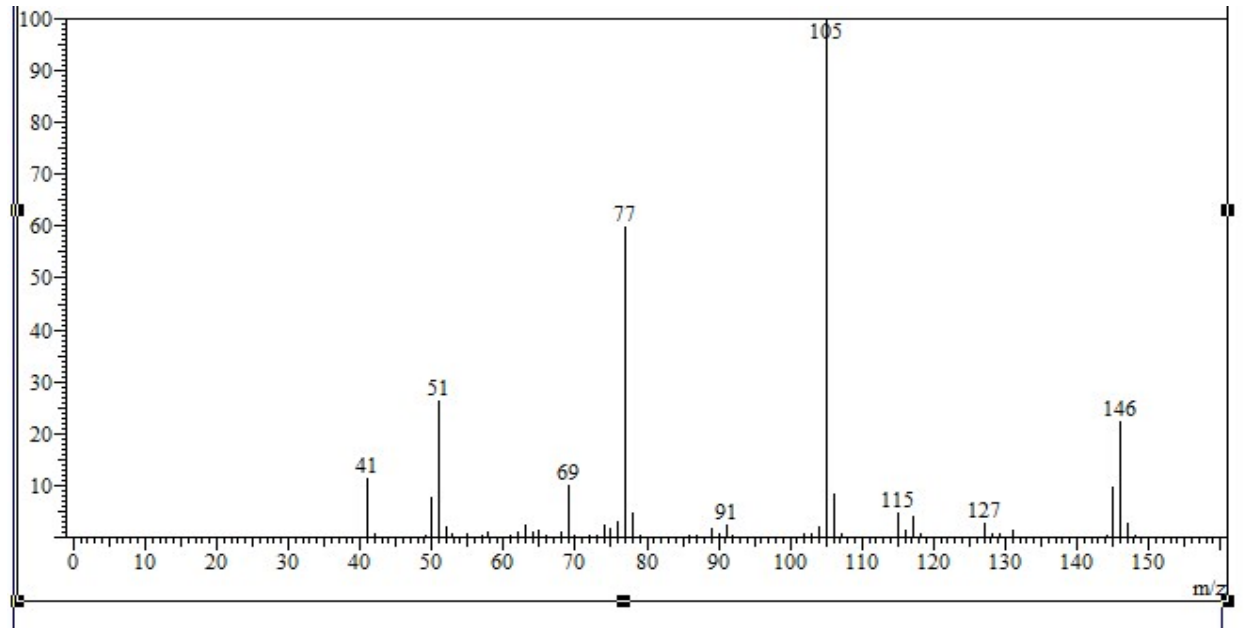
3. Cyclopropyl phenyl ketone



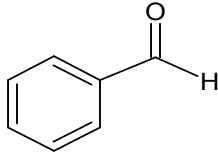
¹H NMR



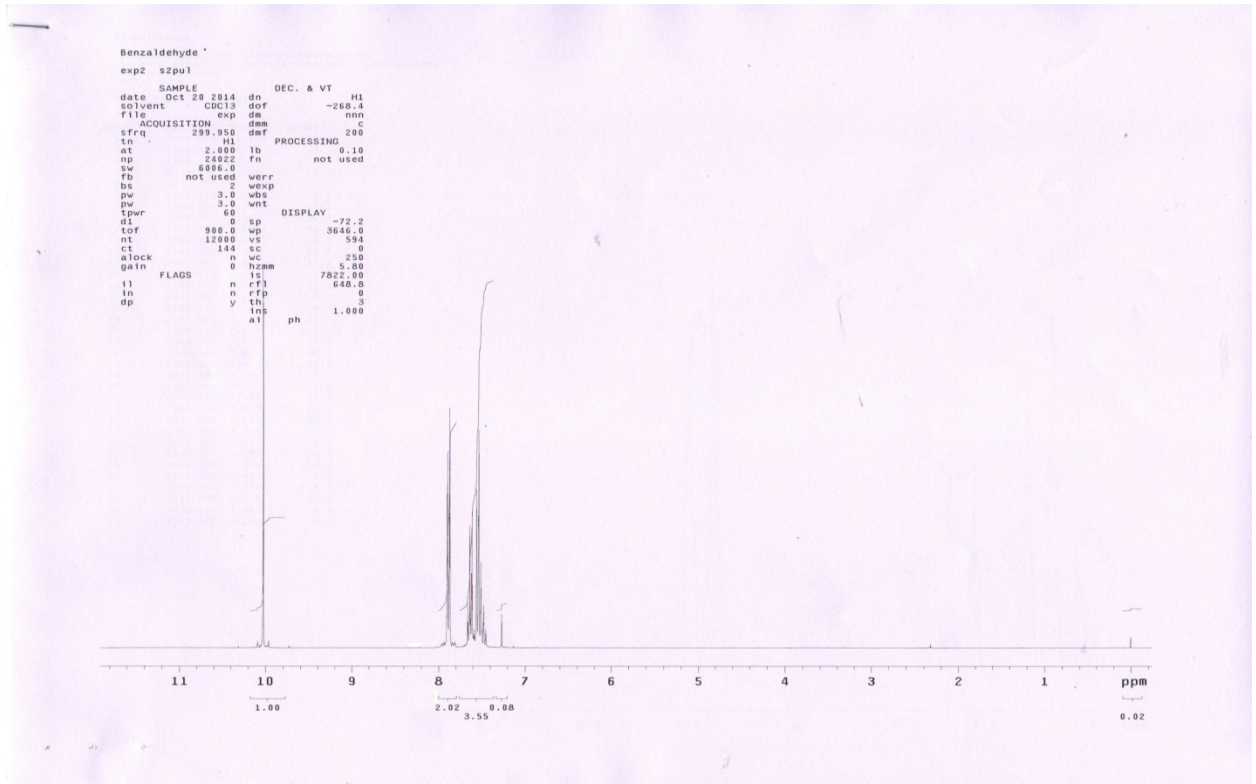
GC-MS



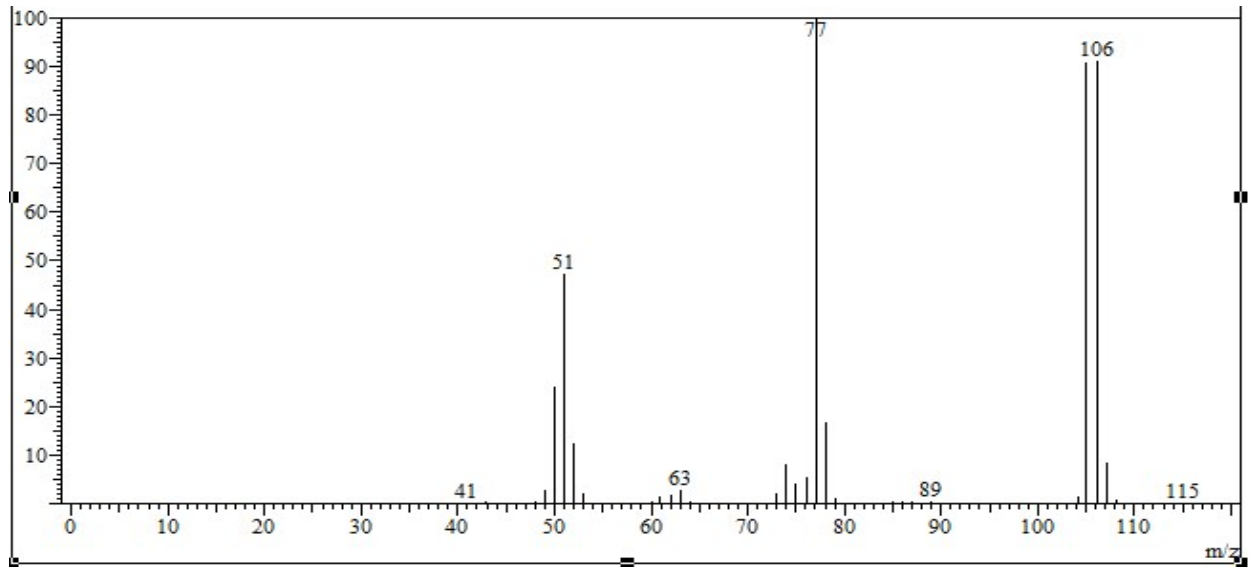
4. Benzaldehyde



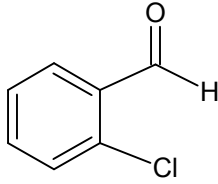
¹H NMR



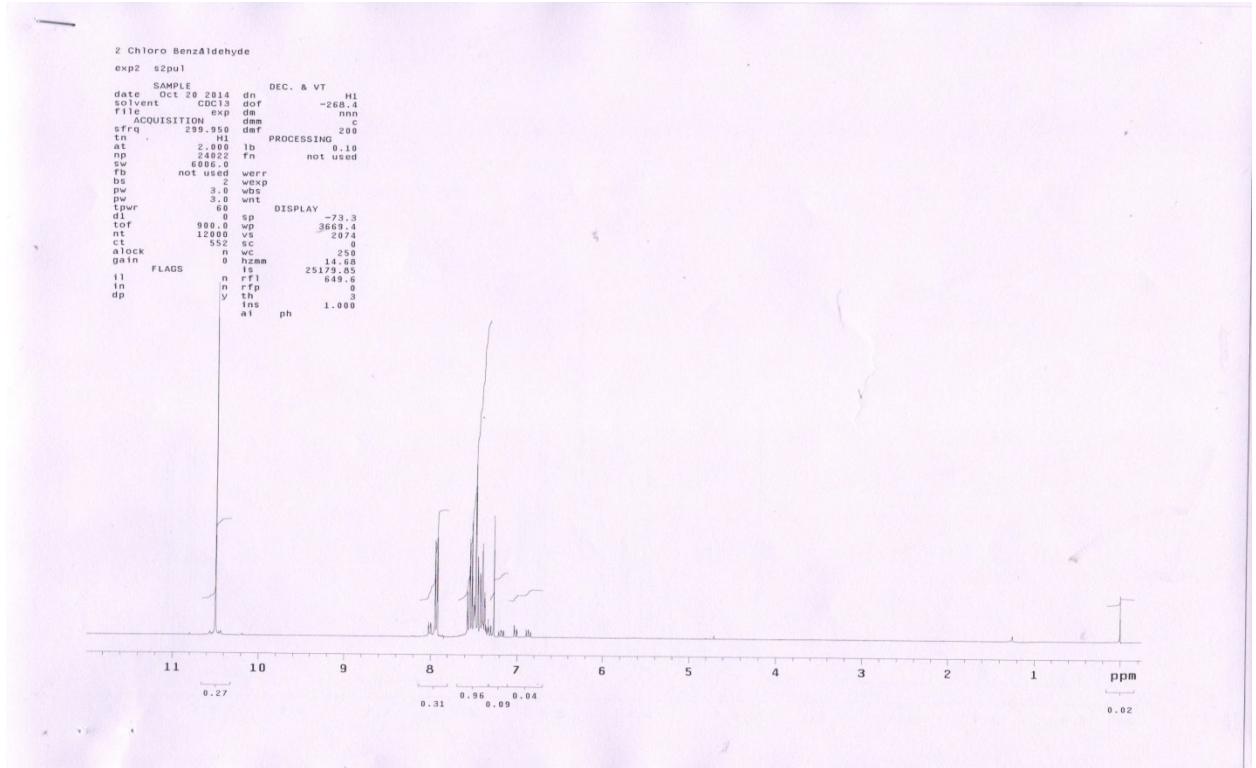
GC-MS



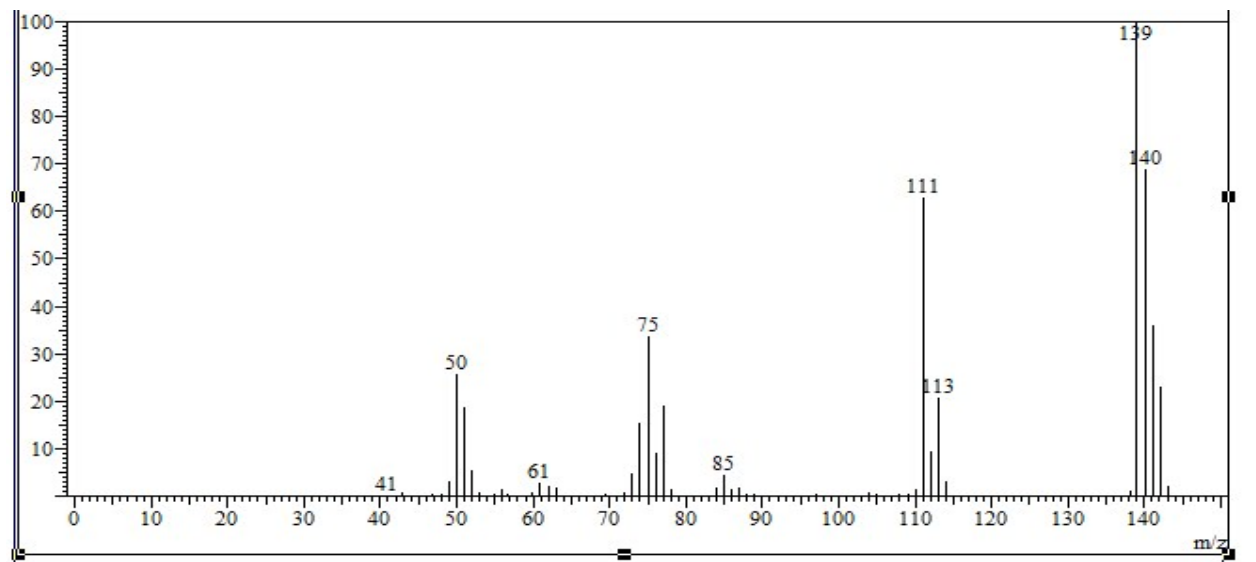
5. 2 Chloro benzaldehyde



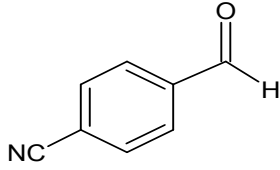
¹H NMR



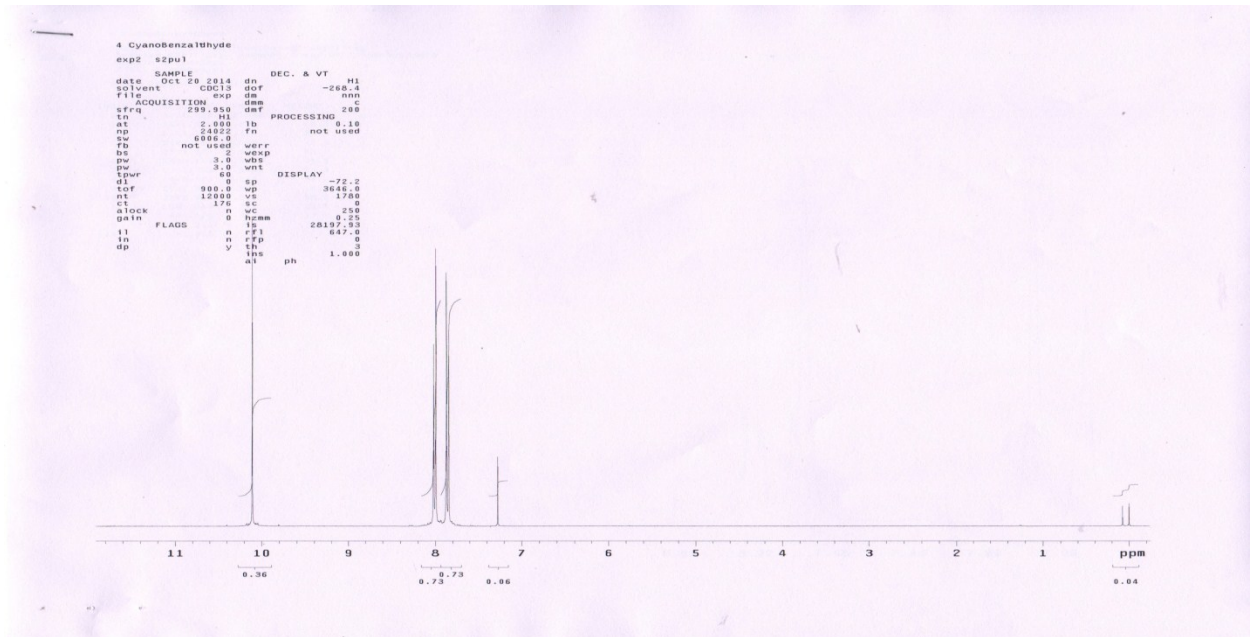
GC-MS



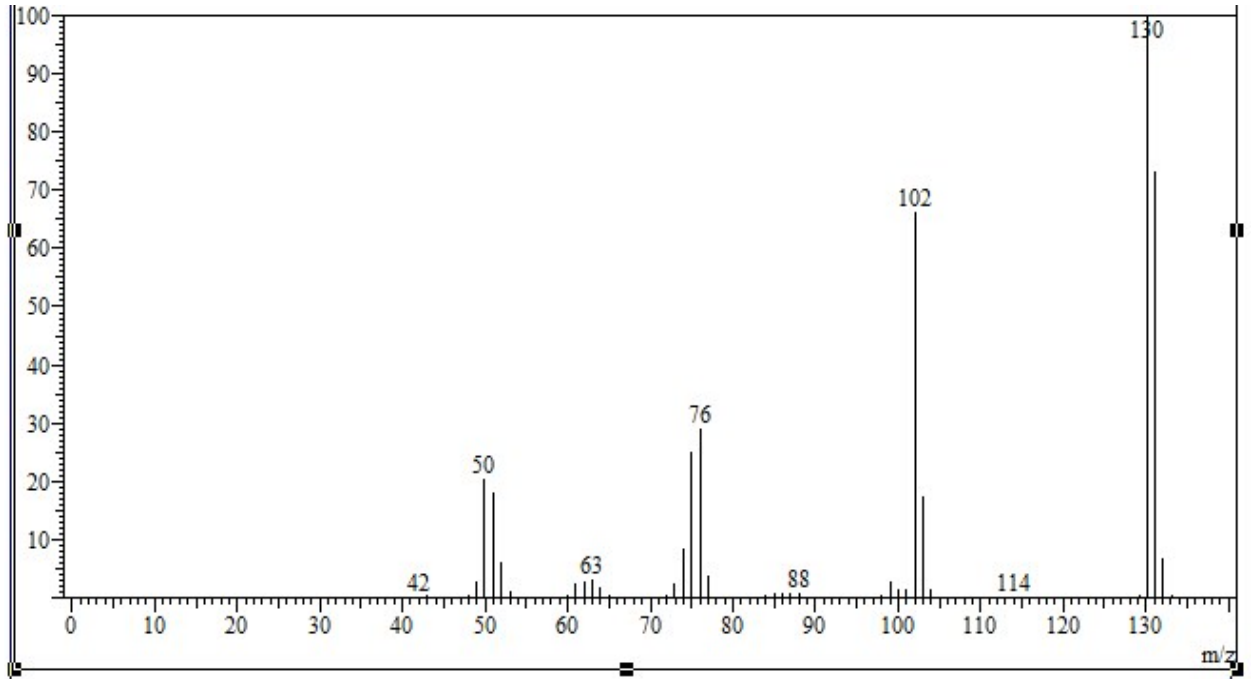
6. 4-Cyanobenzaldehyde



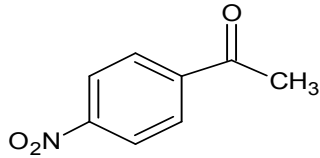
¹H NMR



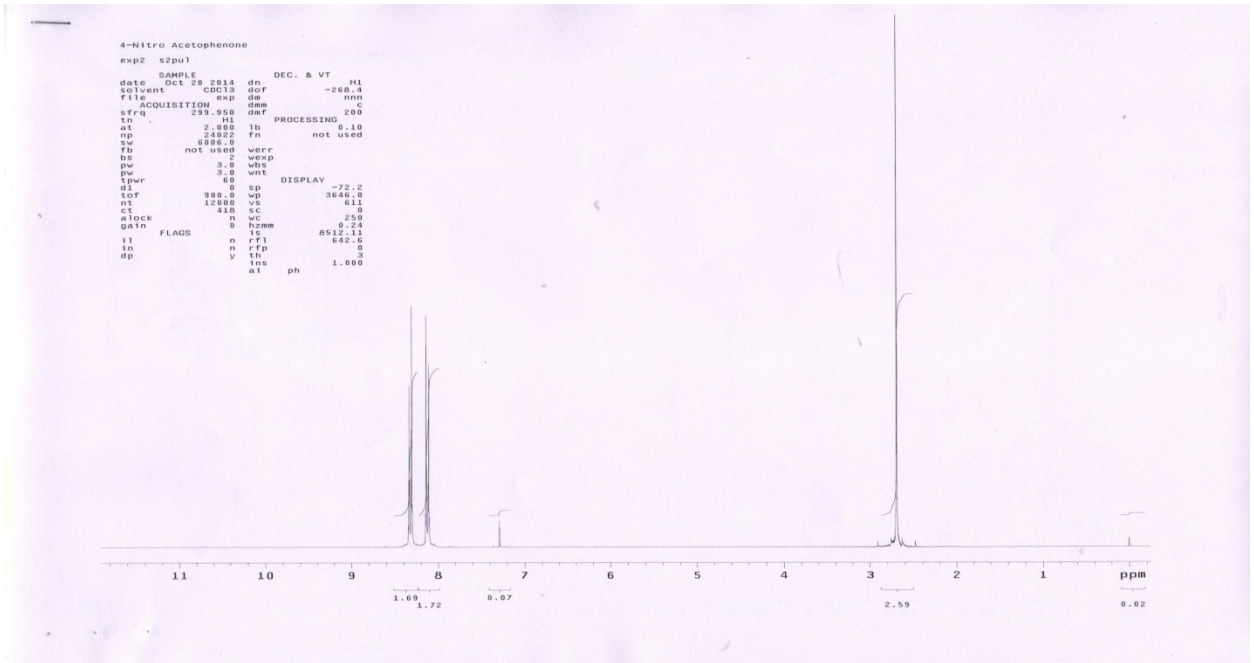
GC-MS



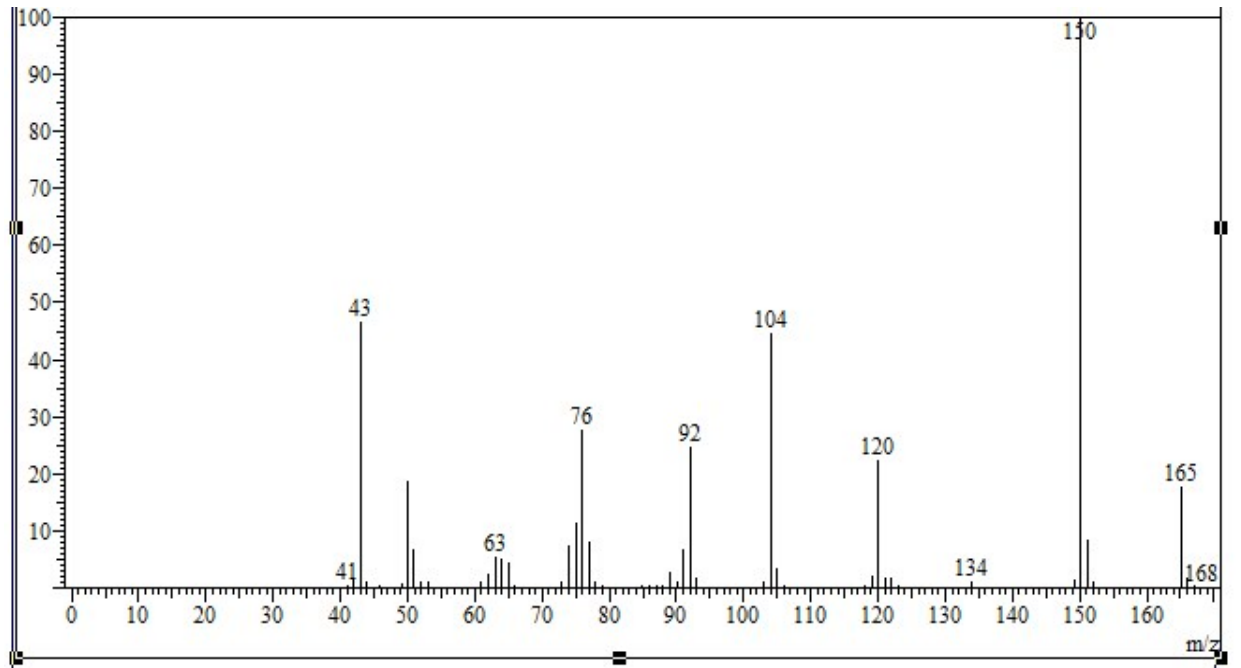
7. 4-Nitro Acetophenone



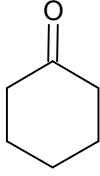
¹H NMR



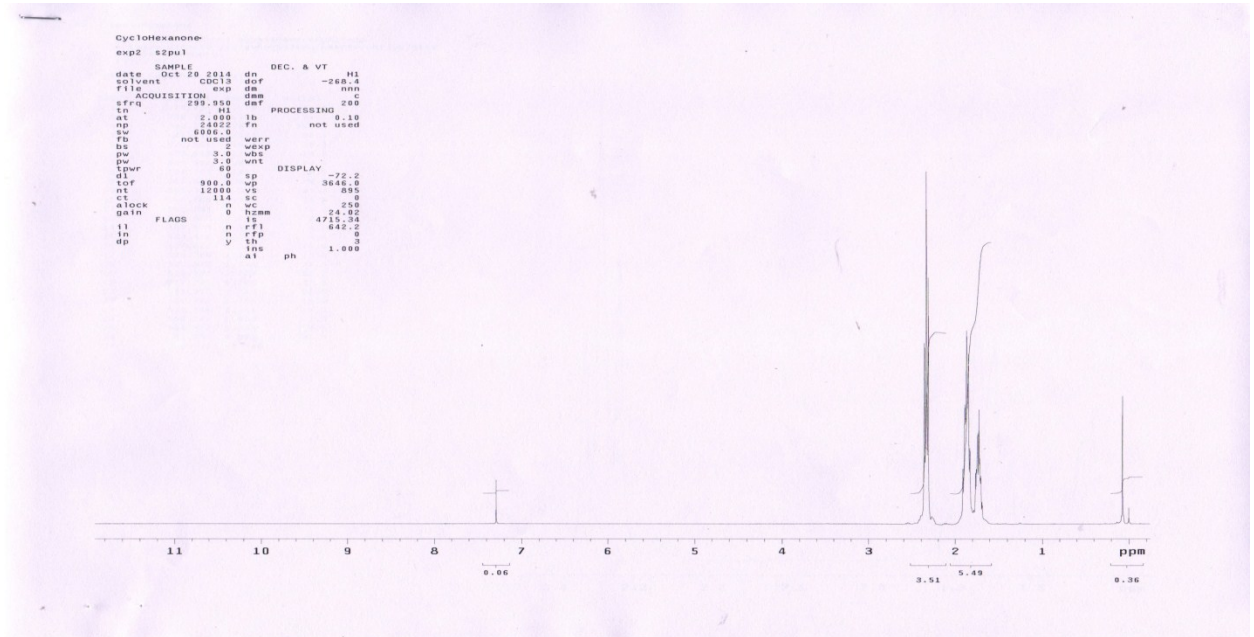
GC-MS



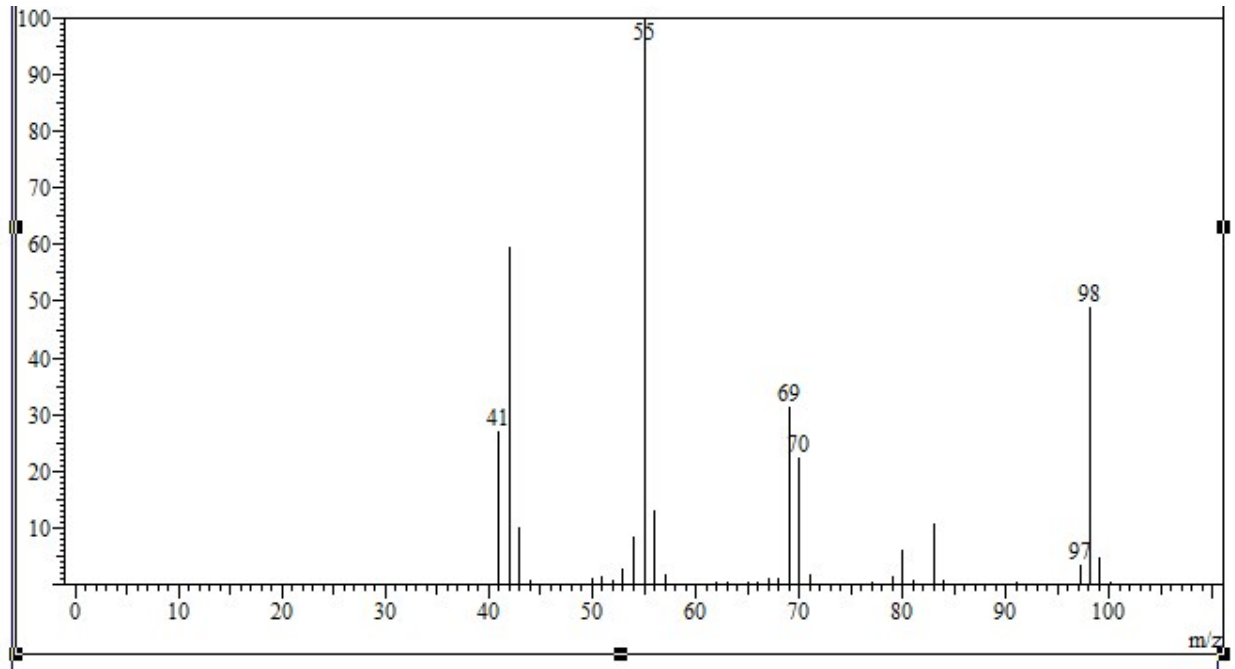
8. Cyclohexanone



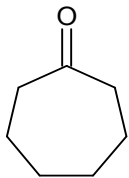
¹H NMR



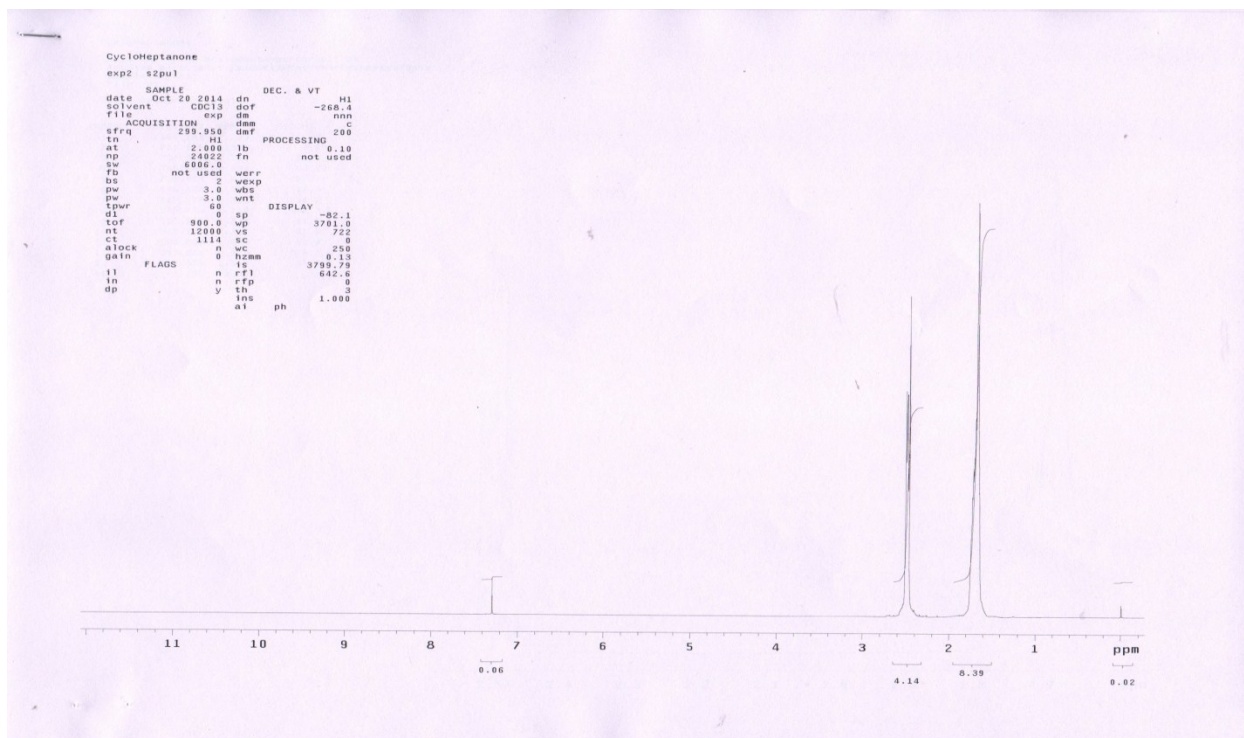
GC-MS



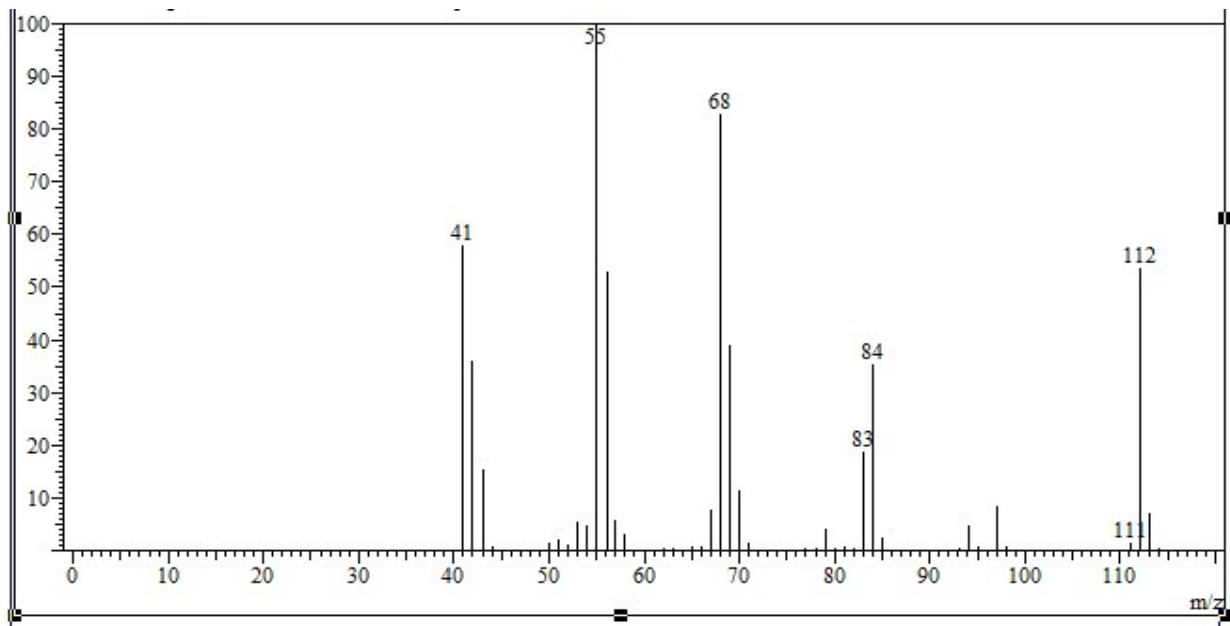
9. Cycloheptanone



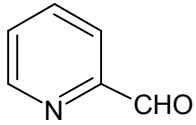
¹H NMR



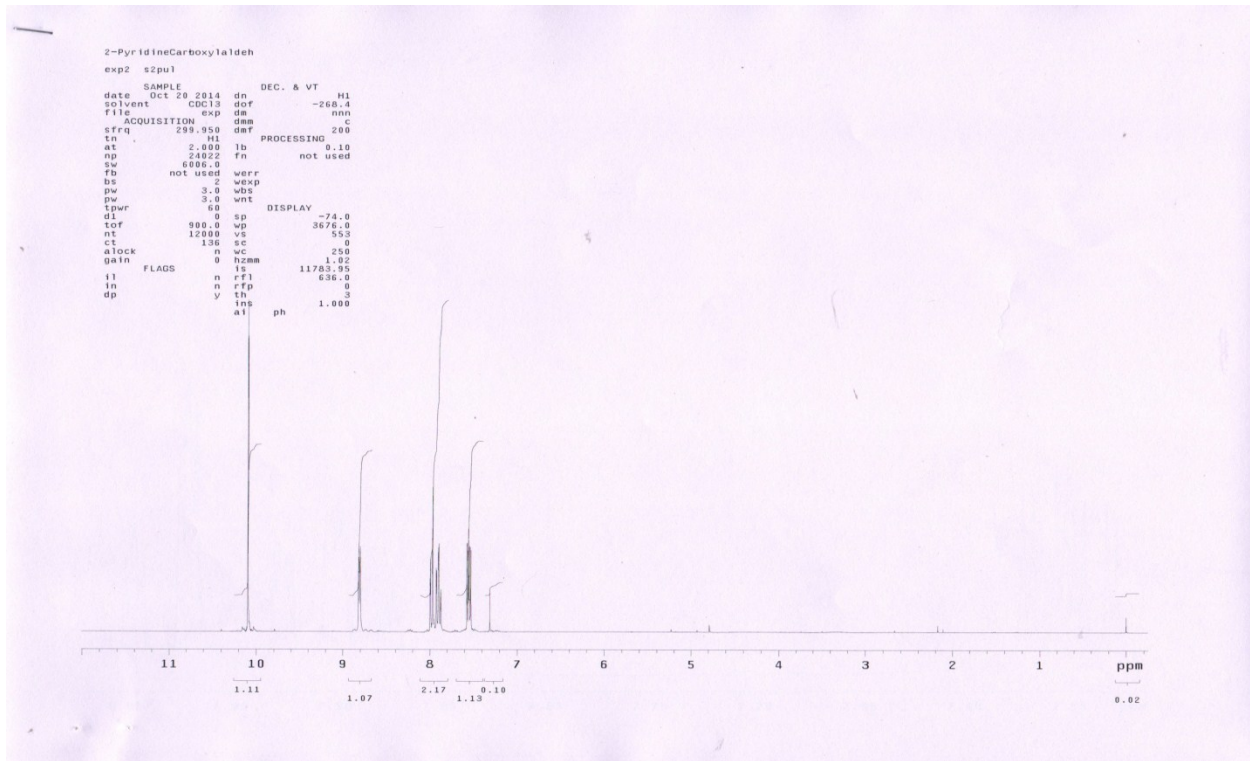
GC-MS



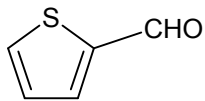
10. 2-Pyridinecarboxaldehyde



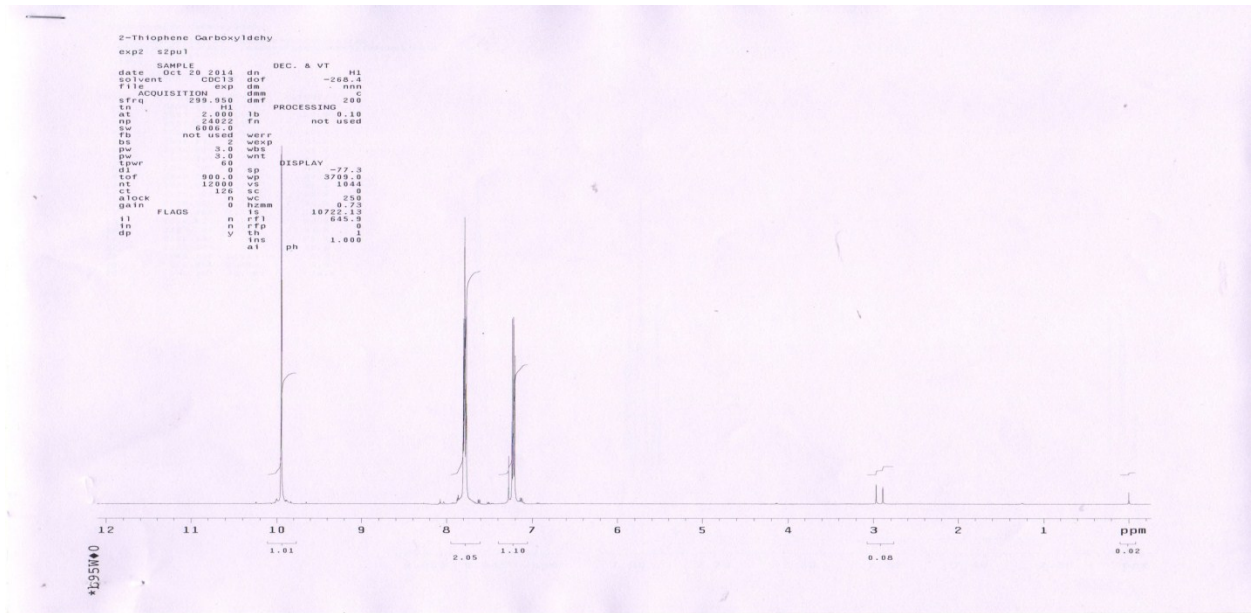
¹H NMR



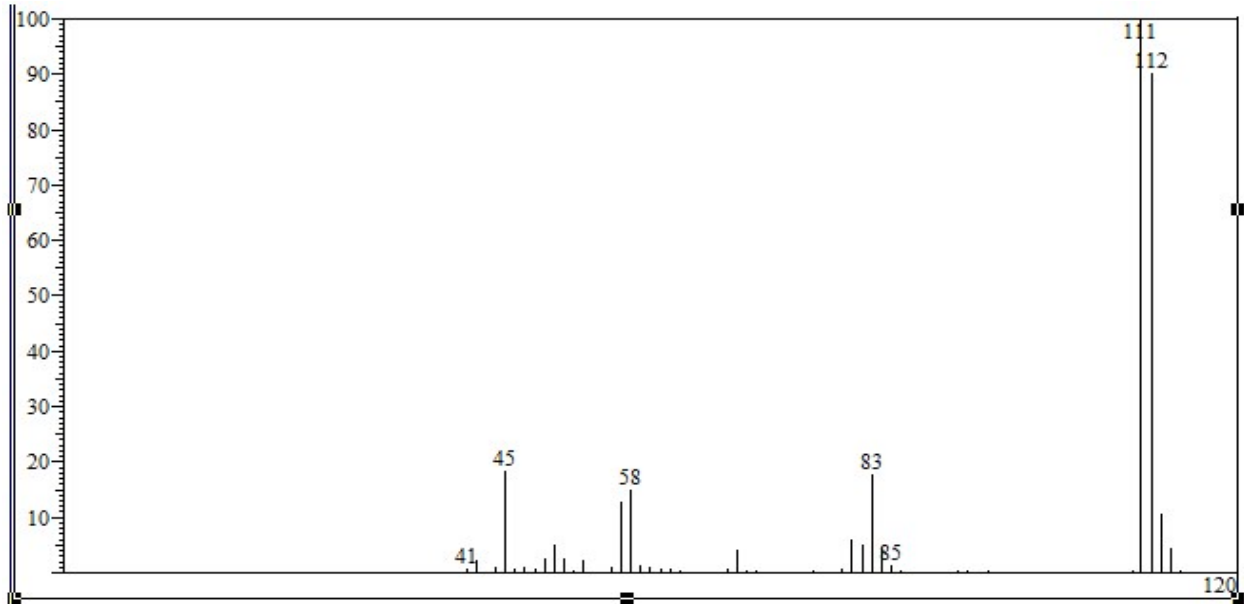
11. 2-Thiophenecarboxaldehyde



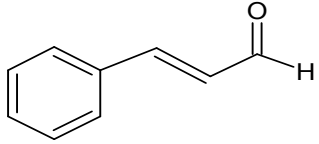
¹H NMR



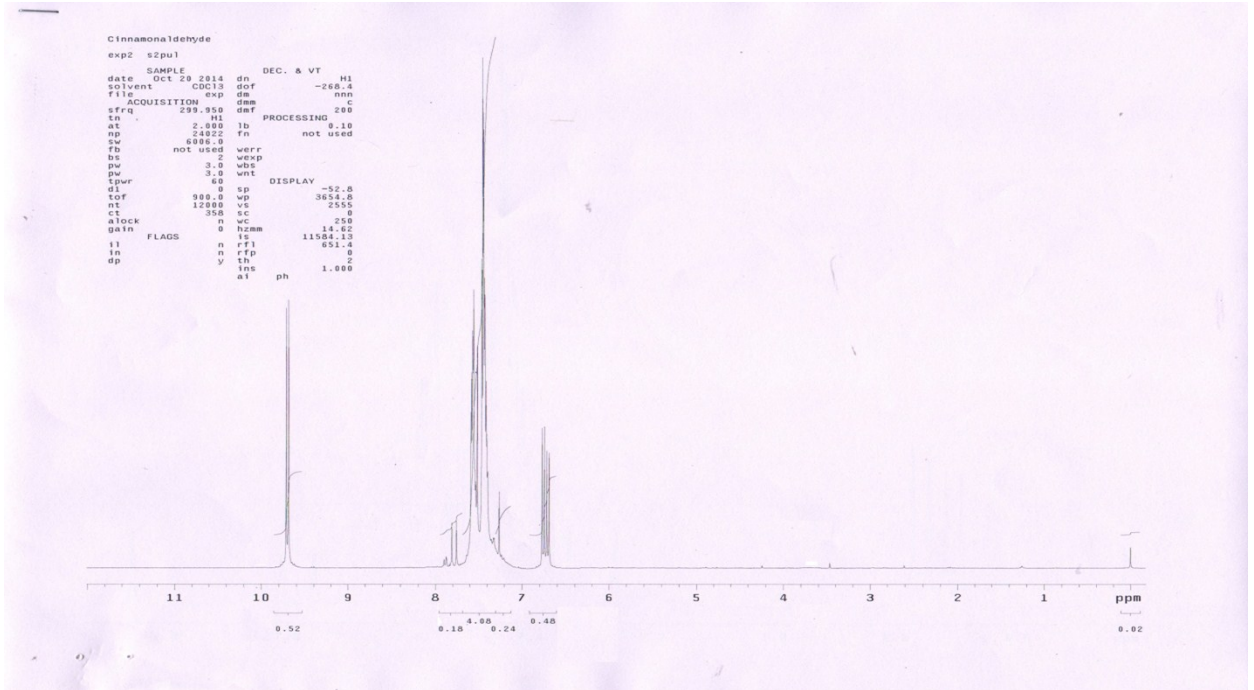
GC-MS



12. Cinnamaldehyde



¹H NMR



GC-MS

