

Rapid Analysis of Aerosol Drugs Using Nano Extractive Electrospray Ionization Tandem Mass Spectrometry

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Supplementary Figures

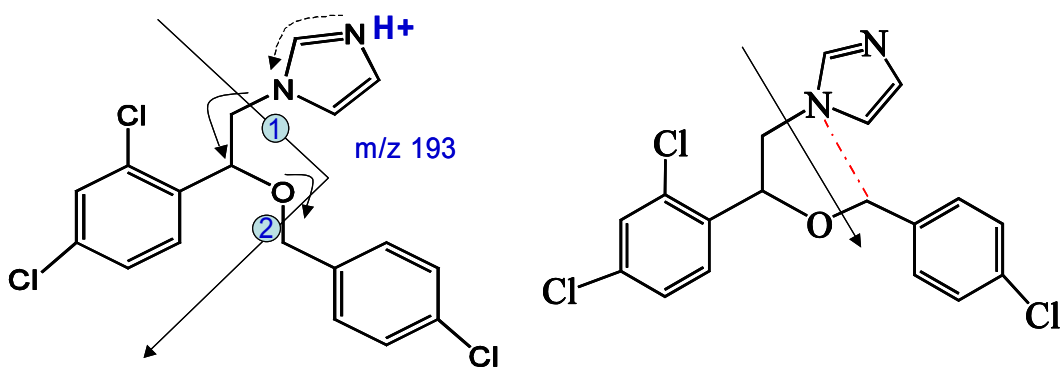


Figure S1

Figure S1 Diagram of the proposed dissociation mechanism generating peaks at m/z 193 and 195 from the precursor ions at m/z 383.

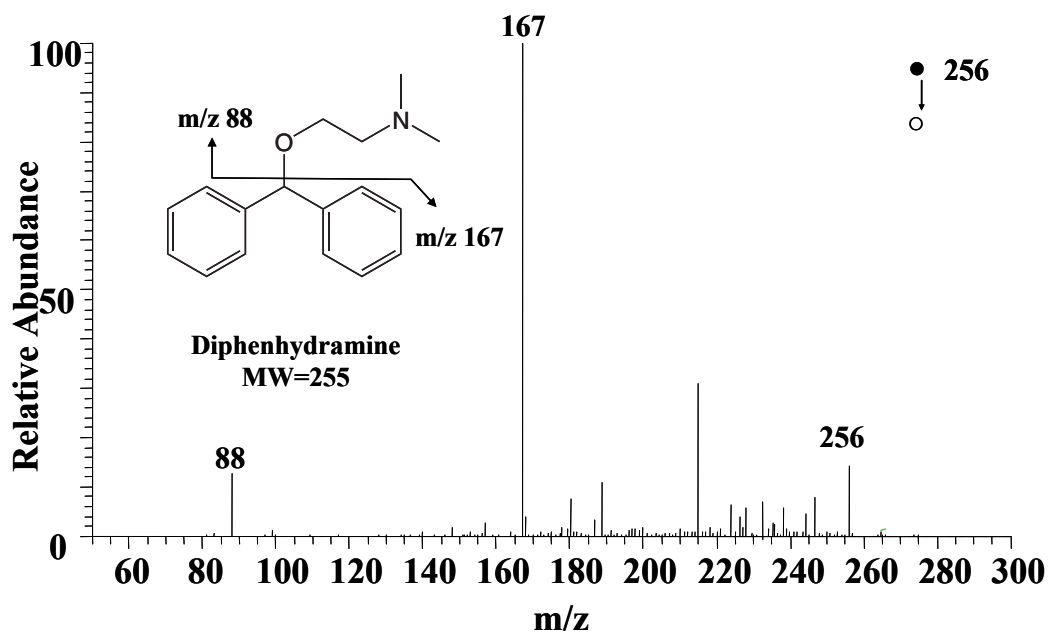


Figure S2

Figure S2 MS/MS spectrum of diphenhydramine (at m/z 256) from a compound methyl salicylate and diphenhydramine spray sample.

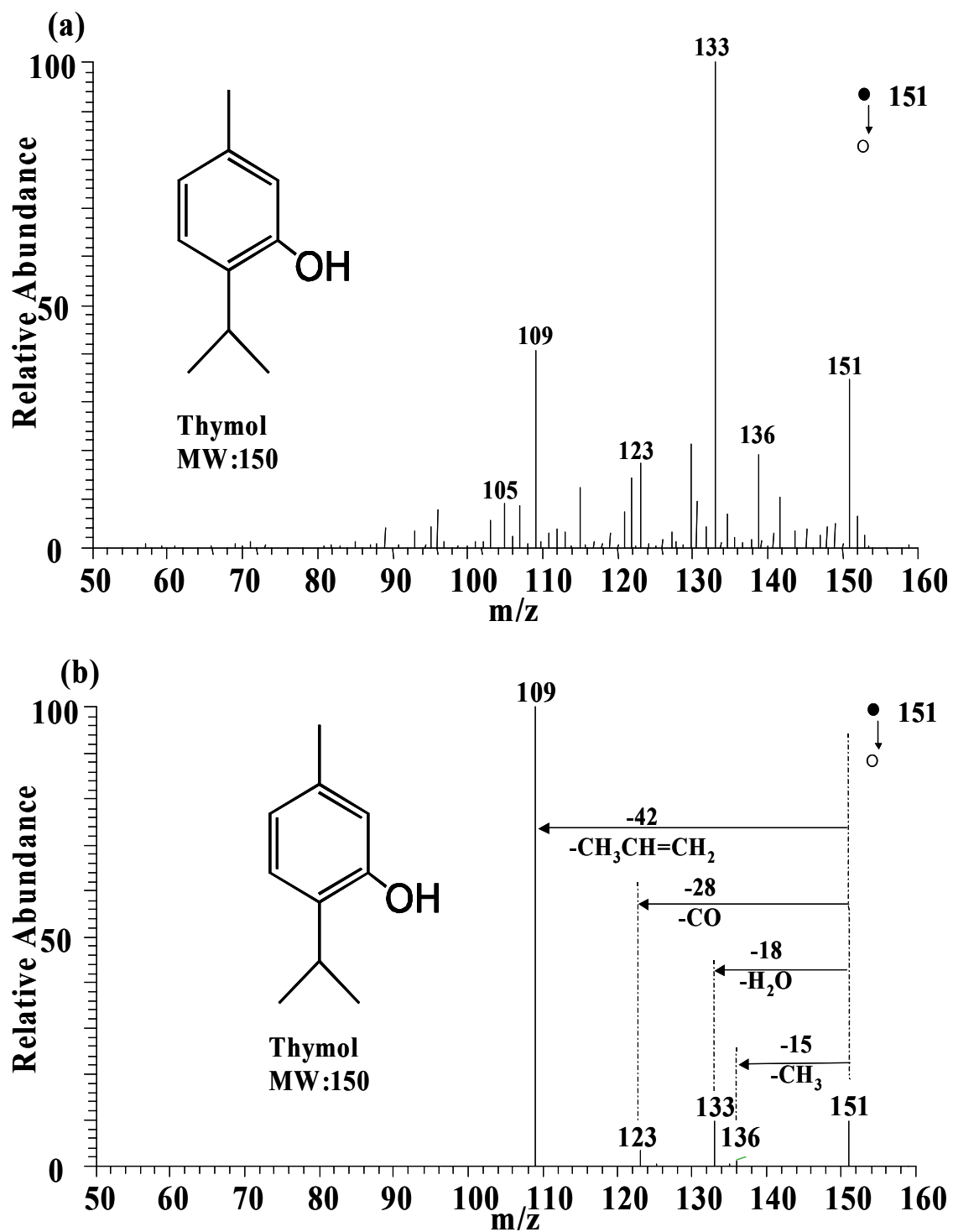
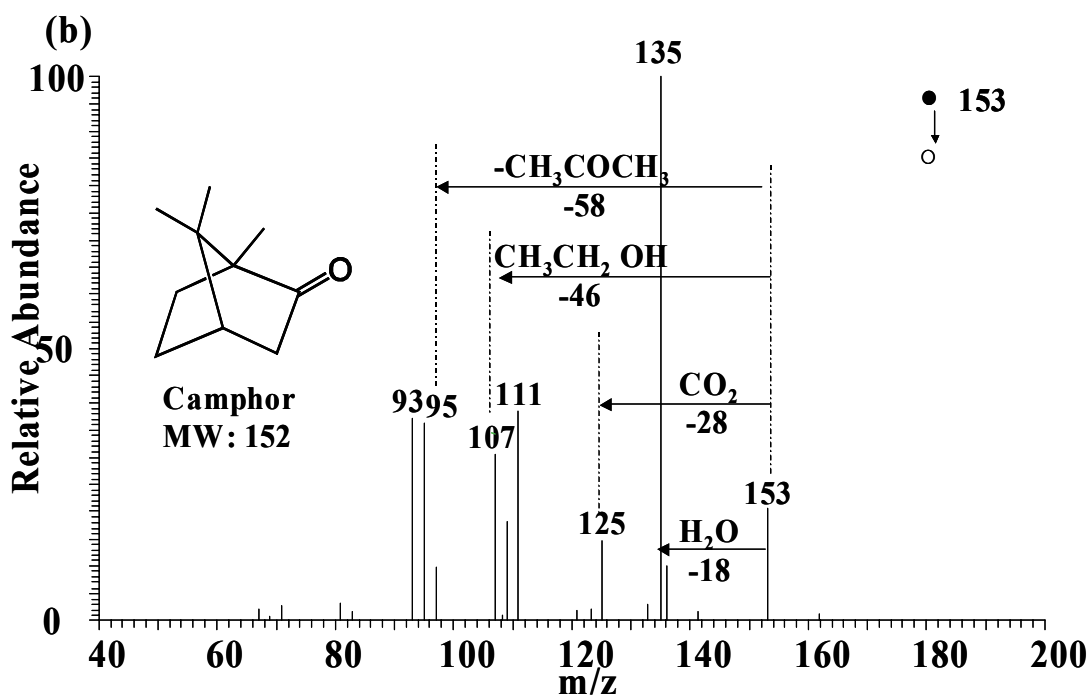
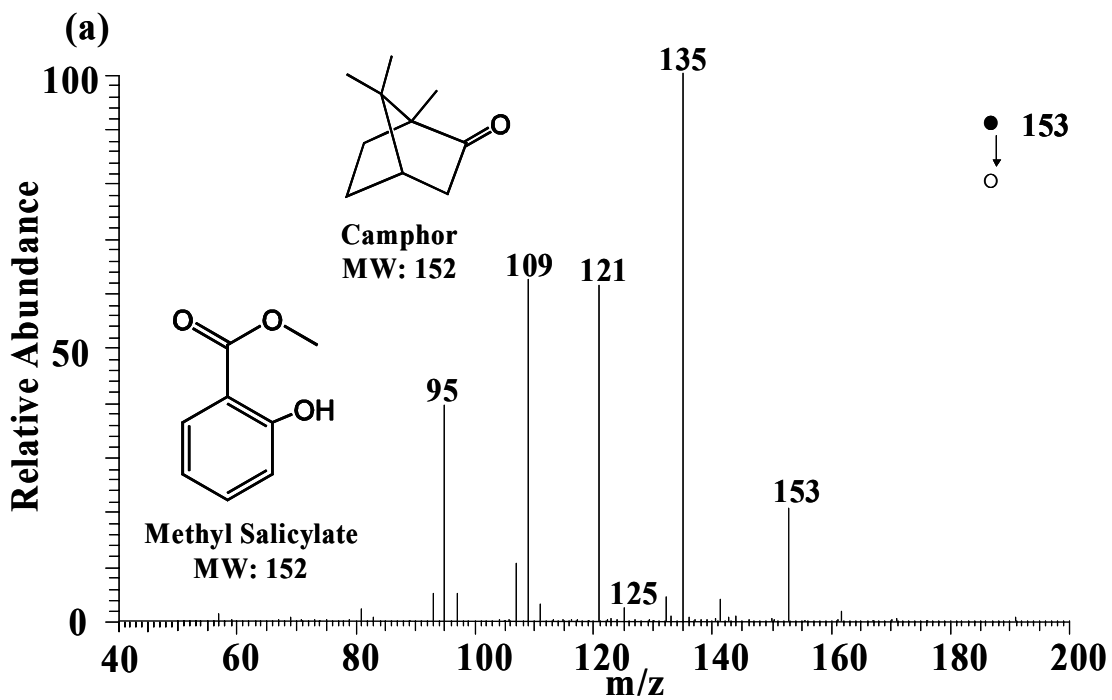


Figure S3

Figure S3 MS/MS spectra of thymol (at m/z 151) from a) a compound methyl salicylate and diphenhydramine spray sample, b) a standard solution of authentic thymol in methanol/water (1:1, v/v).



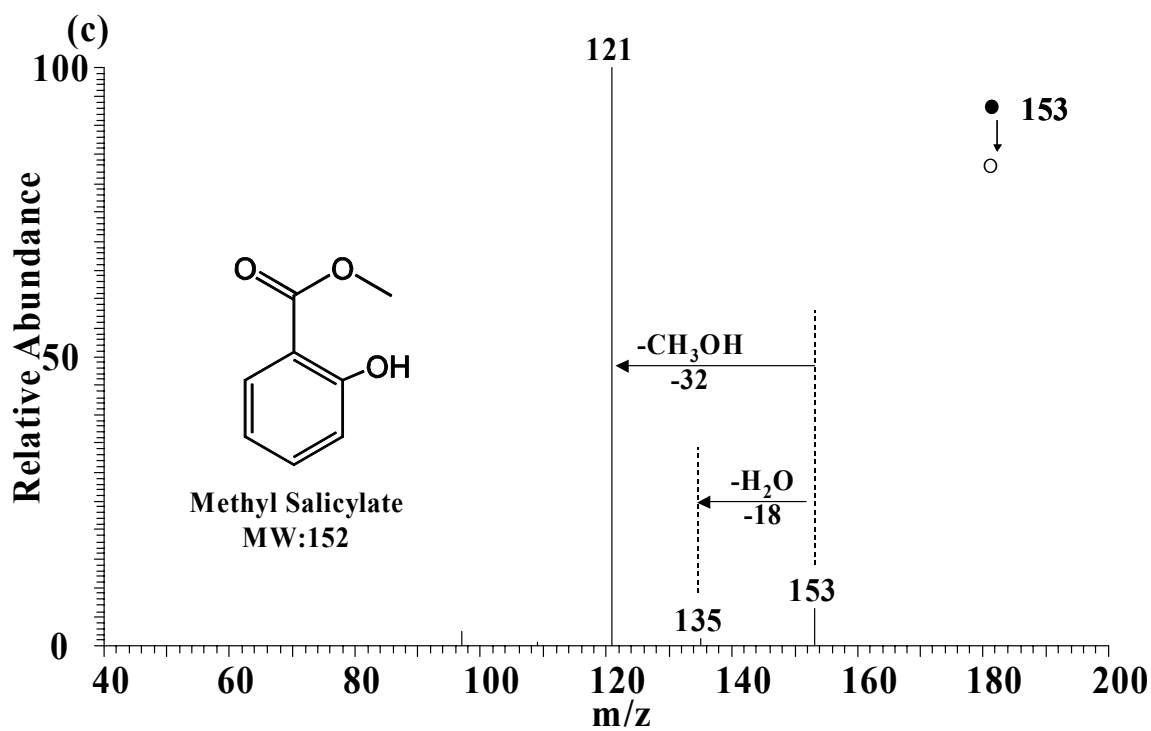


Figure S4

Figure S4 MS/MS spectra of the peak at m/z 153 from a) a compound methyl salicylate and diphenhydramine spray sample, b) a standard solution of authentic camphor in methanol/water (1:1, v/v), c) a standard solution of authentic methyl salicylate in methanol/water (1:1, v/v).

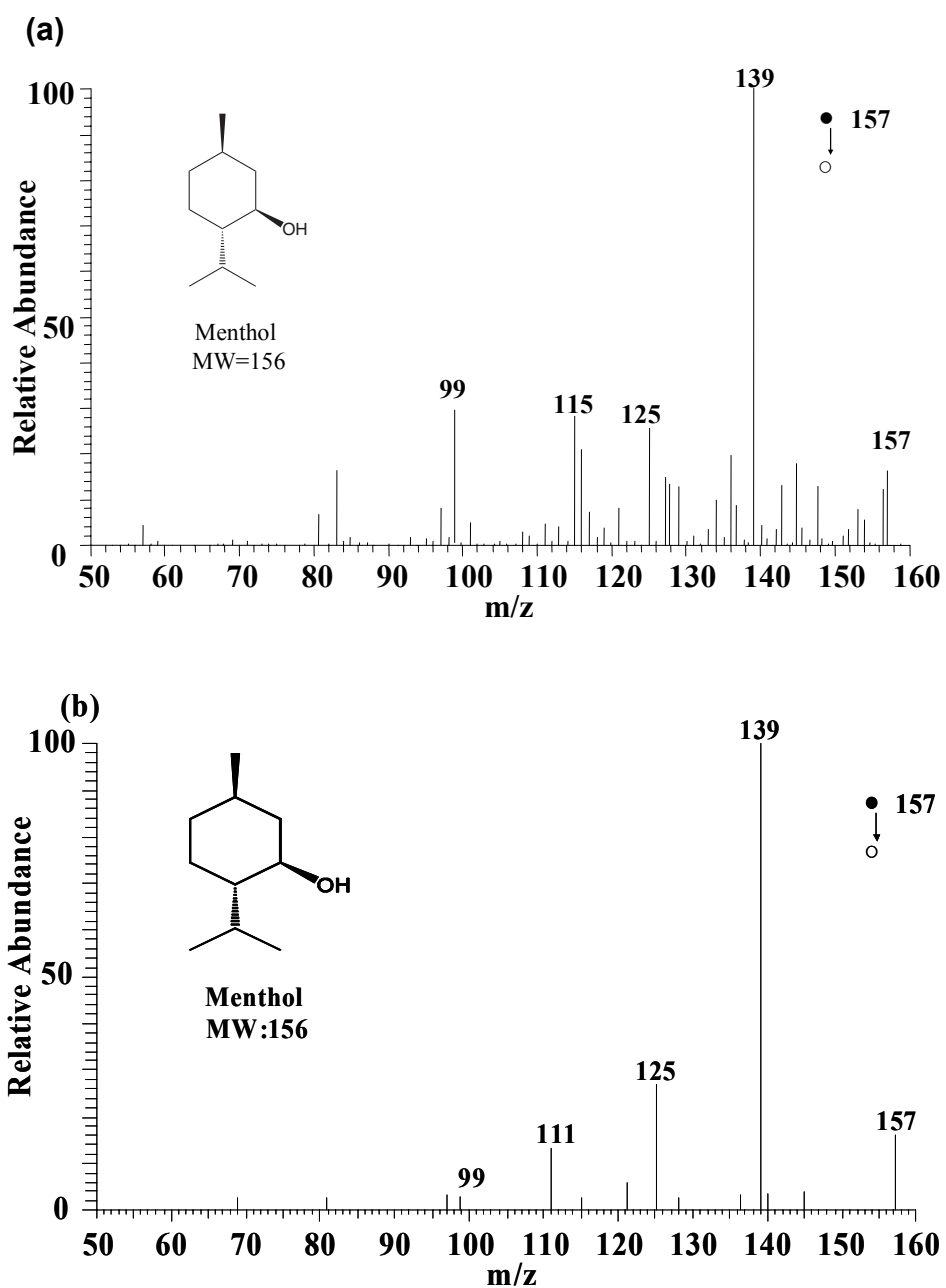


Figure S5

Figure S5 MS/MS spectra of menthol (at m/z 157) from a) a compound methyl salicylate and diphenhydramine spray sample, b) a standard solution of authentic menthol in methanol/water (1:1, v/v).