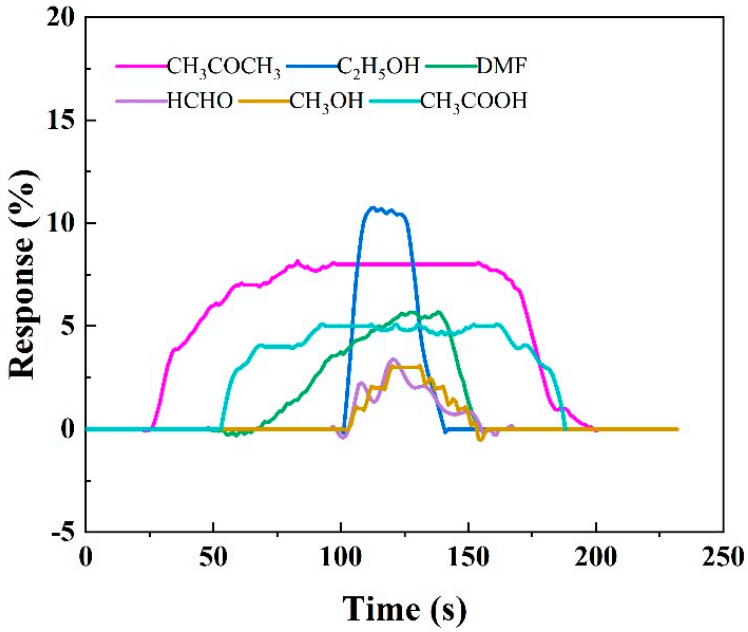
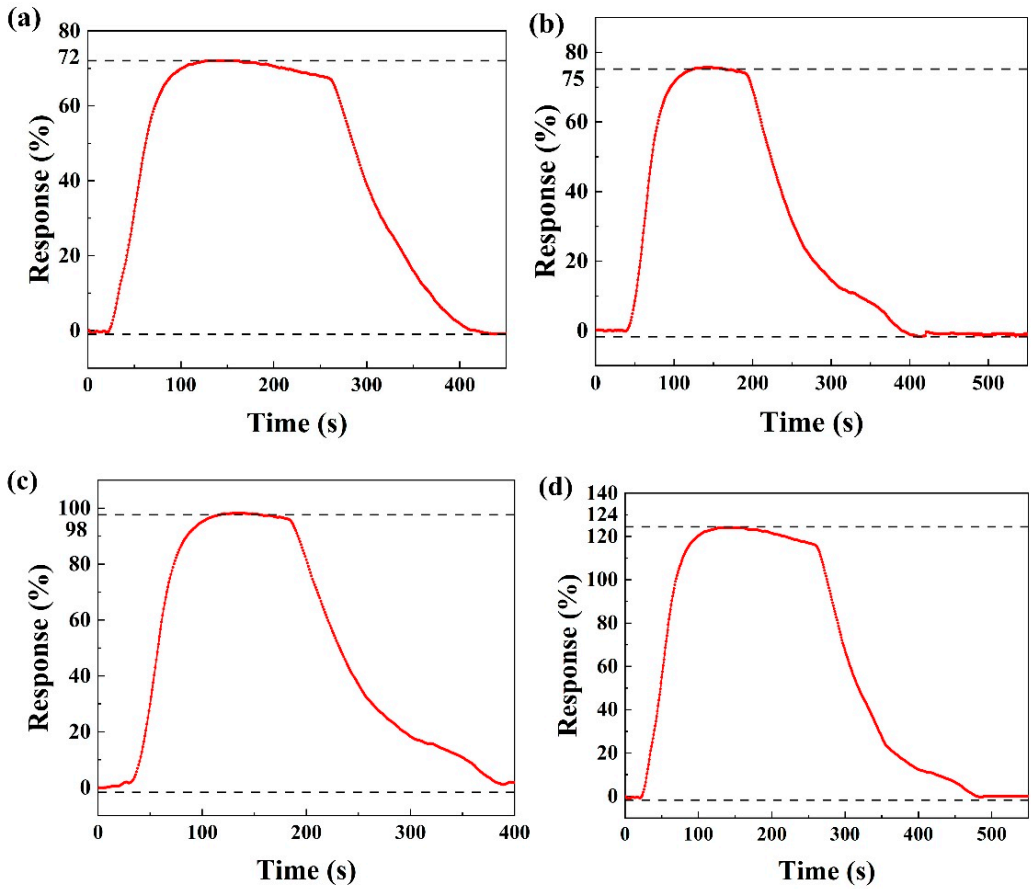
Supplementary Information

Supplementary Figure 1, as supplementary information to Figure 8 in the manuscript, page 8, shows the response of BO/M-5 sensor to detect 100 ppm of acetone, ethanol, DMF, formaldehyde, acetic acid and methanol gas at room temperature.



Supplementary Figure S1. The response of BO/M-5 sensor to detect 100 ppm of acetone, ethanol, DMF, formaldehyde, acetic acid and methanol gas

Supplementary Figure 2, as supplementary information to Figure 9 in the manuscript, page 8, shows the response of BO/M-5 gas sensor to 100 ppm of ammonia at relative humidity 60% (a), 70% (b), 80% (c) and 90% (d).



Supplementary Figure S2. The response of BO/M-5 gas sensor to 100 ppm of ammonia at relative humidity 60% (**a**), 70% (**b**), 80% (**c**) and 90% (**d**)