1.104 Evaluation of VOC emissions from vehicles during parking events in Japan.

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Abstract:

Evaporative emissions from vehicles for Japanese market have been evaluated using VT-SHED. We also evaluated a carbon canister purging activity during driving with a chassis dynamometer. Using these results, we estimated real world VOC emissions during parking events considering a state of carbon canister. VOC emissions increased dramatically when a breakthrough of carbon canister occurred. And we also evaluated the effect of introducing stricter regulation for the evaporative emissions on the VOC emissions in Japan.