Supplementary information to:

High DMS and monoterpene emitting big leaf Mahogany trees: discovery of a missing DMS source to the atmospheric environment

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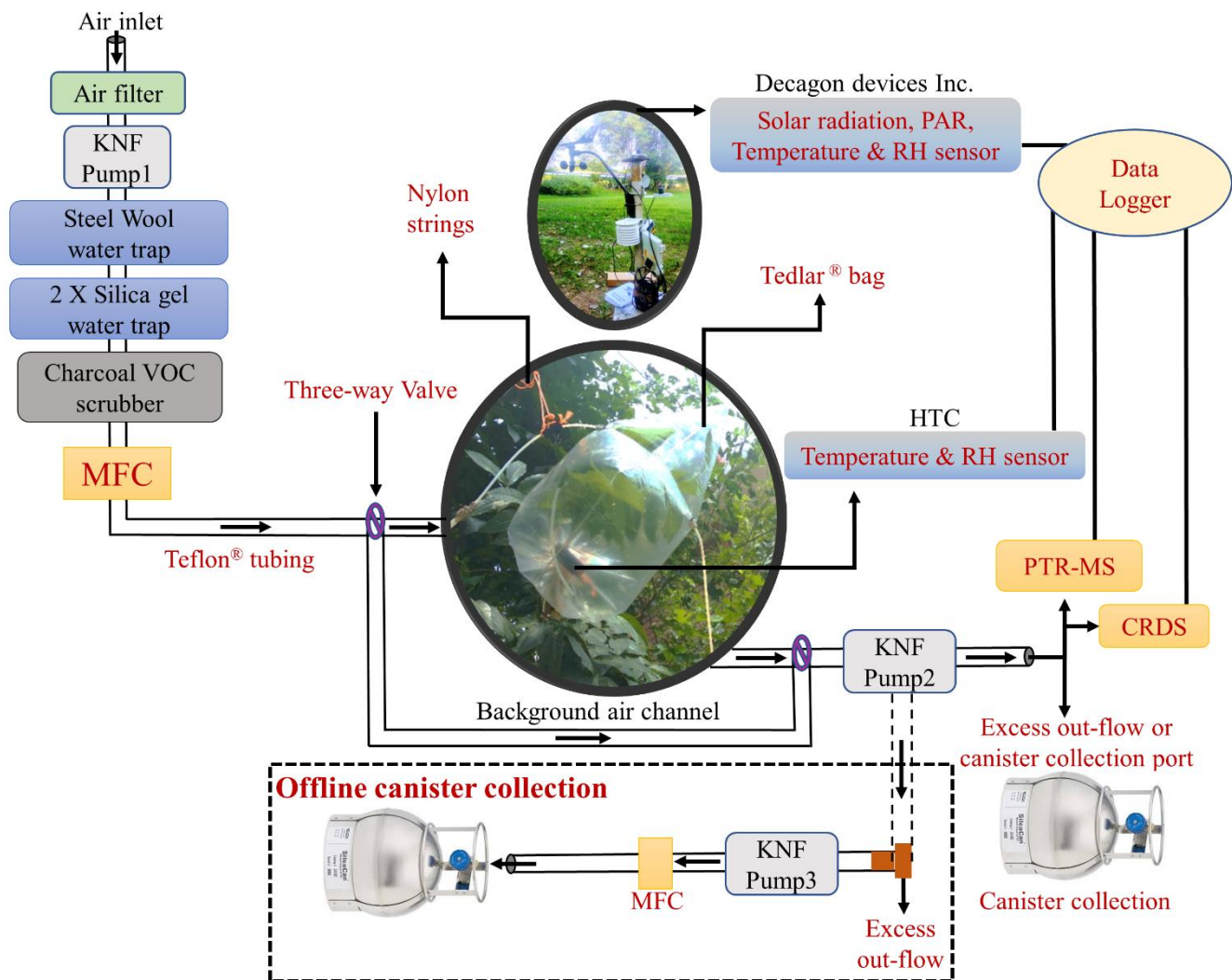
Figure S1. Schematic of dynamic branch cuvette setup. Offline canister collection scheme is depicted in the dashed rectangle. MFC: Mass flow controller.PTR-MS: proton transfer reaction mass spectrometry.CRDS: Cavity ring down spectroscopy.PAR: Photosynthetically active radiation.
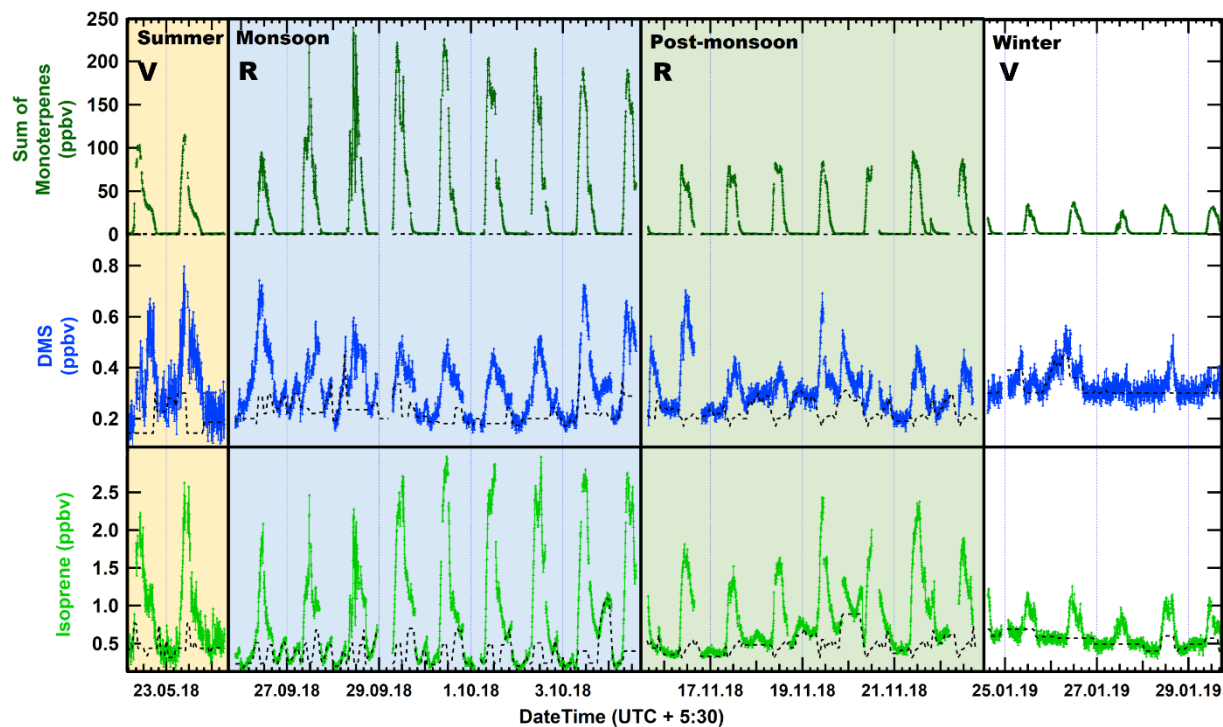
Figure S2: Time series of BVOC emissions with the corresponding background concentrations in nmol mol^{-1} Background concentrations are shown as dotted line.
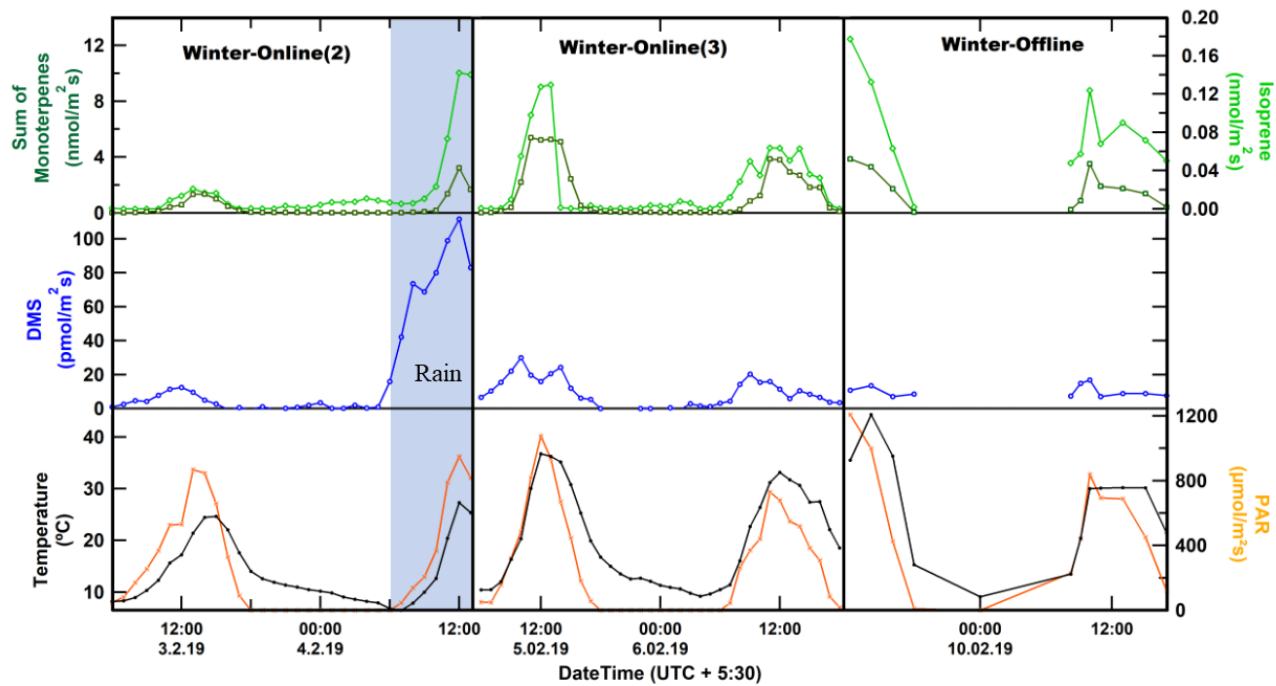
Figure S3: Wintertime BVOC fluxes along with PAR and temperature. (expressed in nanomols or picomols per leaf area per second). Blue shaded region shows rainy period.
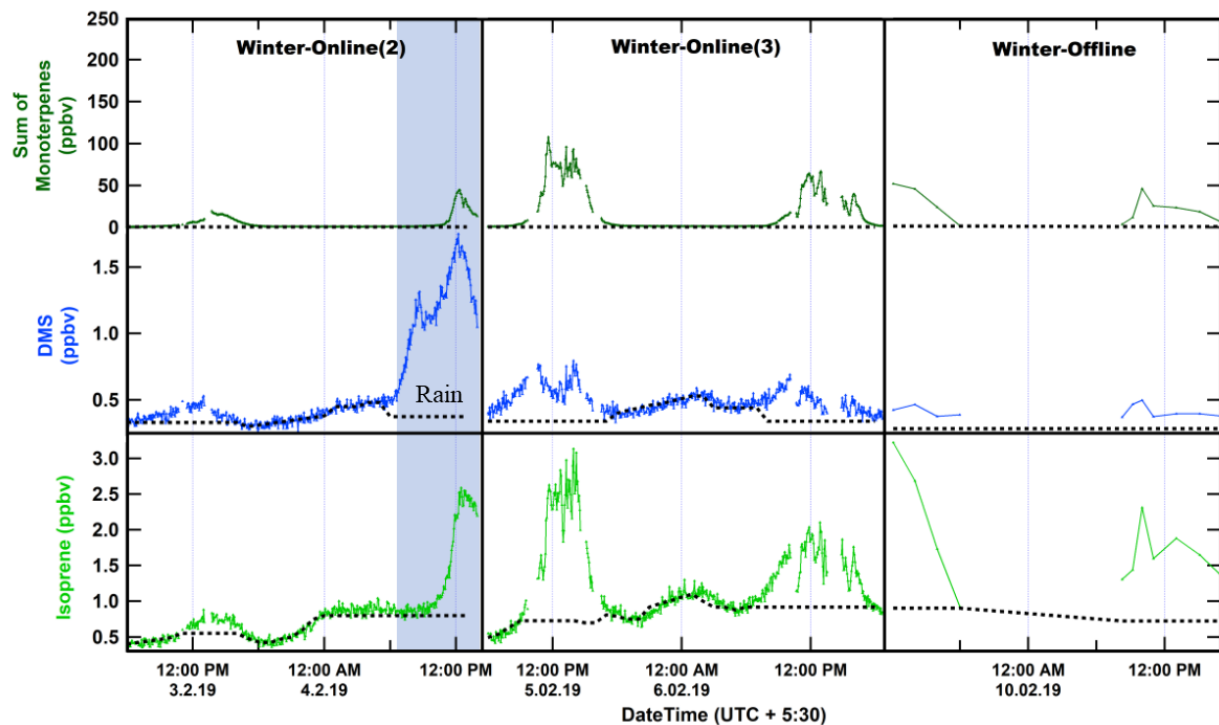
Figure S4: Time series of Wintertime BVOC emissions with the corresponding background concentrations in nmol mol^{-1} Background concentrations are shown as dotted line. Blue shaded region shows rainy period.

Table S1. Leaf area and leaf dry weight inside the cuvette during all the experiments

Season	Leaf area (m^2)	Leaf dry weight (g)	g/m^2
Summer	0.3	30.1	96.1
Monsoon	0.3	28.2	82.8
Post-monsoon	0.2	20.5	109.4
Winter	0.2	26.8	135.3
Winter (2)	0.3	27.3	102.3
Winter (3)	0.2	31.7	138.9
Winter-Offline	0.3	36.1	139.8