

Table A7 ROC curve results of single urine VOCs for predicting COPD.

Variable	Sensitivity	Specificity	Youden Index(max)	Cutoff	AUC
N-Acetyl-S-(2-cyanoethyl)-L-cysteine	0.88	0.50	0.38	92.2	0.72
N-Acetyl-S-(2-hydroxyethyl)-L-cysteine	0.49	0.80	0.29	5.43	0.64
N-Acetyl-S-(3-hydroxypropyl)-L-cysteine	0.51	0.83	0.35	2160	0.72
N-Acetyl-S-(3-hydroxypropyl-1-methyl)-L-cysteine	0.89	0.58	0.47	871	0.77
2-Methylhippuric acid	0.85	0.48	0.33	88.8	0.69
N-Acetyl-S-(4-hydroxy-2-butenyl)-L-cysteine	0.89	0.54	0.43	21.7	0.75
N-Acetyl-S-(phenyl-2-hydroxyethyl)-L-cysteine	0.70	0.56	0.26	1.88	0.64

Abbreviations: AUC, area under the curve.