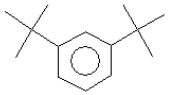
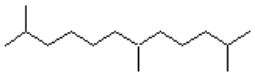
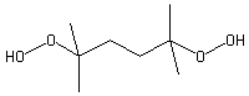
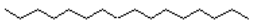
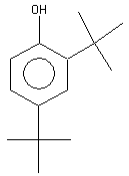
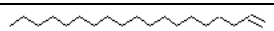
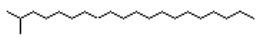
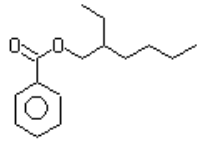
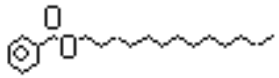
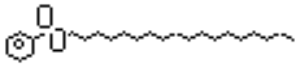
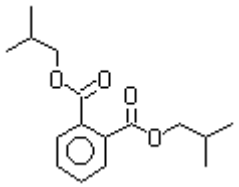
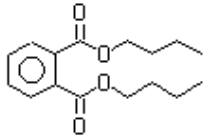
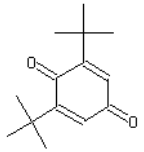
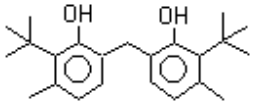
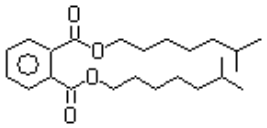
Table 3. Results of GC-MS analysis of antimicrobial compounds of strain 1410WF1-TSA30-2.

No.	RT, min	Compounds identified	Peak area (%)	Match (%)	Molecular formula	MW	Suggested chemical structure	mVOC/SuperScent
1.	23.03	Benzene, 1,3-bis(1,1-dimethylethyl)-	2.0	81	$C_{14}H_{22}$	190		-
2.	24.29	Dodecane, 2,6,11-trimethyl-	0.9	84	$C_{15}H_{32}$	212		-
3.	27.7	2,5-Dimethylhexane-2,5-dihydroperoxide	0.5	71	$C_{14}H_{22}O_4$	178		-
4.	33.22	Hexadecane	0.6	76	$C_{16}H_{34}$	226		*Bacillus simplex, Bacillus subtilis, Bacillus weihenstephanensis, cyanobacteria, Microbacterium oxydans, Stenotrophomonas maltophilia, Streptomyces lateritius, Serratia marcescens*
5.	33.34	Octadecane	2.5	81	$C_{18}H_{38}$	254		-
6.	34.23	Phenol, 2,4-bis(1,1-dimethylethyl)-	3.2	85	$C_{14}H_{22}O$	206		-
7.	35.18	Nonadecane	0.8	81	$C_{19}H_{40}$	268		*Alcaligenes faecalis, Arthrobacter nitroguajacolicus, Bacillus sp., Lysobacter gummosus, Pseudomonas aurantiaca, Pseudomonas*

								chlororaphis, Pseudomonas corrugata, Pseudomonas fluorescens, Stenotrophomonas ginsengisoli, Stenotrophomonas maltophilia, unidentified soil bacteria
8.	37.58	1-Nonadecene	1.4	85	$C_{19}H_{38}$	266		-
9.	41.35	Eicosane, 2-methyl-	4.5	80	$C_{21}H_{44}$	296		-
10.	44.56	Benzoic acid, 2-ethylhexyl ester	1.7	72	$C_{15}H_{22}O_2$	234		-
11.	45.63	Benzoic acid, tridecyl ester	2.1	72	$C_{20}H_{32}O_2$	304		-
12.	45.82	Benzoic acid, tetradecyl ester	0.9	72	$C_{21}H_{34}O_2$	318		-
13.	46.13	Benzoic acid, pentadecyl ester	1.7	71	$C_{22}H_{36}O_2$	332		-
14.	46.23	Benzoic acid, octadecyl ester	9.5	73	$C_{25}H_{42}O_2$	374		-

15.	46.98	1,2-Benzenedicarboxylic acid, bis(2-methylpropyl) ester	15.6	81	$C_{16}H_{22}O_4$	278		-
16.	50.13	Dibutyl phthalate	2.6	87	$C_{16}H_{22}O_4$	278		*Carnobacterium divergens, Pseudomonas fragi*
17.	51.44	2,5-Cyclohexadiene-1,4-dione, 2,6-bis(1,1-dimethylethyl)-	1.6	68	$C_{14}H_{20}O_2$	220		-
18.	63.18	Phenol, 2,2'-methylenebis[6-(1,1-dimethylethyl)-4-methyl-	3.9	81	$C_{23}H_{32}O_2$	340		-
19.	66.48	1,2-Benzenedicarboxylic acid, diisooctyl ester	1.5	87	$C_{24}H_{38}O_4$	390		-

"RT", retention time; "-", the compounds with no entries for bacteria in mVOC and SuperScent databases.