

Table S1. Relative area of volatile compounds in SJ and DSJ

Volatile compounds	SJ	DSJ
Allyl isothiocyanate	10.56 ± 0.44a	3.88 ± 0.08b
Ethanol	15.84 ± 0.37	n.d.
Acetic acid	22.97 ± 0.56 a	17.7 ± 0.27b
Benzoic acid	n.d.*	60.6 ± 2.14
Not identified	n.d.	3.66 ± 0.11
Carvone	50.63 ± 0.27	n.d.
Dimethyl sulfide	n.d.	10.58 ± 0.33
Disulfide dimethyl	n.d.	1.75 ± 0.02
Cyclohexene, 1-methyl-4-(1-methylethenyl)-, (S)	1.83 ± 0.06	n.d.

*n.d. – not detectable

Table S2. Relative area of volatile compounds in Bread and Meat samples

Volatile compounds	Bread C	Bread DSJ	Meat C	Meat DSJ
Hexanal	0.19 ± 0.01c	0.09 ± 0.00d	28.21 ± 0.98a	12.93 ± 0.27b
3-furaldehyde	2.83 ± 0.07d	5.16 ± 0.16c	31.93 ± 1.22a	10.2 ± 0.38b
Benzaldehyde	29.15 ± 0.64b	33.6 ± 1.42a	14.61 ± 0.06d	19.14 ± 0.10c
2-cyclohexen-1-one, 2methyl-5-(2-methyloxiranyl)	0.6 ± 0.02b	11.49 ± 0.34a	n.d.	n.d.
Benzyl alcohol	27.02 ± 1.30a	20.07 ± 0.74b	12.73 ± 0.38d	19.63 ± 0.22c
Phenylethyl alcohol	24.13 ± 0.50a	6.39 ± 0.10b	n.d.	n.d.
n-decanoic acid	6.65 ± 0.12b	6.87 ± 0.10b	5.43 ± 0.23c	14.25 ± 0.21a
Decyltrifluoroacetate	4.51 ± 0.18b	9.55 ± 0.11a	n.d.	n.d.
Undecanoic acid	4.92 ± 0.14c	6.79 ± 0.09b	3.22 ± 0.06d	7.81 ± 0.31a

*n.d. – not detectable