

Supplementary A1

Table 2: Description of putative VOC biomarkers, some chemical characteristics, mass spectrum base peak (m/z), retention index and Chemical Abstracts Services (CAS) number. Note: overall of putative VOC-biomarkers detected during all incubation periods; RI calc. means retention index calculated in the experiment; and RI lit. means retention index available in the literature (Linstrom & Mallard, n.d.); NA – Not Applicable.

Strain	Culture Media	Compound Class	Name	MS Base Peak (m/z)	RI (Calc.)	RI (Lit.)	CAS Number
<i>C. jejuni subsp jejuni</i> 29428	Bolton broth	Alcohol	1,8-Nonadien-3-ol	57	1027	1058	159010-02-3
		Alcohol	3-Dodecanol, 3,7,11-trimethyl-	73	1538	1563	7278-65-1
		Ketone	1s,4R,7R,11R-1,3,4,7-Tetramethyltricyclo [5.3.1.0(4,11)] undec-2-en-8-one	161	1474	1587	137235-42-8
		Unknown	Not Identified – 29	105	1156	NA	NA
		Unknown	Not Identified – 16	73	1483	NA	NA
	BHI broth	Alcohol	1-Heptadecanol	55	2043	1954	1454-85-9
		Unknown	Not Identified – 85	57	1227	NA	NA
<i>C. jejuni subsp jejuni</i> 33291	Bolton broth	Ketone	Isophorone	82	1119	1124	78-59-1
		Ketone	1s,4R,7R,11R-1,3,4,7-Tetramethyltricyclo [5.3.1.0(4,11)] undec-2-en-8-one	161	1474	1587	137235-42-8
	BHI broth	Alcohol	1-Heptadecanol	55	2043	1954	1454-85-9
		Ester	Diisobutyl phthalate	149	1836	1908	84-69-5
		Phenyl Alkene	Benzene, (1-propyloctyl)-	91	1623	1724	4536-86-1
		Unknown	Not Identified – 84	91	1616	NA	NA
		Unknown	Not Identified – 73	57	1863	NA	NA
<i>Campylobacter coli</i>	Bolton broth	Ketone	Isophorone	82	1119	1124	78-59-1
		Phenol	Phenol, 3,5-bis(1,1-dimethylethyl)-	191	1507	1555	1138-52-9
<i>Campylobacter fetus subs. Fetus</i>	Bolton broth	Unknown	Not Identified – 29	105	1156	NA	NA
		Unknown	Not Identified – 40	57	1440	NA	NA
		Unknown	Not Identified – 58	73	1225	NA	NA
<i>Campylobacter lari</i>	Bolton broth	Alcohol	3-Dodecanol, 3,7,11-trimethyl-	73	1543	1563	7278-65-1
		Ketone	1s,4R,7R,11R-1,3,4,7-Tetramethyltricyclo [5.3.1.0(4,11)] undec-2-en-8-one	161	1474	1587	137235-42-8
		Unknown	Not Identified – 29	105	1156	NA	NA
		Unknown	Not Identified – 25	131	1507	NA	NA