

**Table S2.** Individual samples of leaves used in the HS-SPME-GC/MS analysis showing the calculated relative VOC concentrations and the mean VOC concentrations in ng g<sup>-1</sup> against their corresponding authentic 10 µg/L standard. Each batch sample ID are leaves from an individual plant. Stdev = standard deviation, and RSD = relative standard deviation.

Sample	Infected_SB	Infected_SB	Infected_SB	Infected_SB	Infected_SB	Infected_SB	Infected_SB	Infected_SB	Infected_SB	Mean Conc. (ng/g)	Stdev	%RSD
GC/MS Batch Sample ID	2	3	13	25	26	27	39	40	41			
Sample Mass (g)	0.523	0.5365	0.5035	0.5006	0.4999	0.5003	0.5046	0.4994	0.5035			
Hexanal	228.0	233.8	412.8	171.8	177.1	159.6	165.4	375.8	241.9	240.7	92.9	38.6
2-Hexenal, (E)-	1121.1	875.6	1056.0	926.7	1277.2	825.4	1047.6	906.7	1202.1	1026.5	154.7	15.1
5-Hepten-2-one, 6-methyl-	118.5	135.9	159.4	100.3	127.6	129.3	120.9	92.5	121.7	122.9	19.4	15.8
o-Cymene	1.5	1.9	2.2	2.4	2.2	2.0	3.4	2.4	4.6	2.5	0.9	37.1
1-Hexanol, 2-ethyl-	8.0	6.2	3.1	7.1	7.4	5.2	6.2	5.6	7.2	6.2	1.5	23.7
Benzyl alcohol	24.2	7.4	11.5	9.1	8.7	18.1	12.1	11.4	8.0	12.3	5.5	44.8
p-Cymenene	4.4	7.1	9.6	9.7	9.2	7.0	17.3	7.6	15.8	9.7	4.2	43.3
Phenylethyl Alcohol	27.8	27.1	17.8	35.0	32.1	29.6	31.9	32.6	28.7	29.2	5.0	17.0
2,6-Nonadienal, (E,Z)-	12.5	14.7	26.5	11.4	12.2	9.5	13.2	9.7	18.4	14.2	5.3	37.4
Methyl salicylate	0.99	0.66	0.41	0.29	0.91	1.47	0.29	1.18	0.31	0.7	0.4	60.3
Decanal	11.95	12.02	34.70	14.73	22.69	20.35	16.91	32.89	15.83	20.2	8.5	41.8
1-Cyclohexene-1-carboxaldehyde, 2,6,6-trimethyl-	3.30	3.57	4.95	2.56	4.07	2.47	3.45	2.22	5.55	3.6	1.1	31.6
β-Citral	1.66	1.50	0.77	1.45	1.55	1.55	1.23	1.62	1.86	1.5	0.3	21.2
α-Citral	5.48	5.53	3.22	6.04	5.61	7.06	5.53	6.51	7.31	5.8	1.2	20.5
Propanoic acid, 2-methyl-, 3-hydroxy-2,2,4-trimethylpentyl ester	82.45	86.71	103.59	92.19	110.71	93.84	107.67	115.38	108.27	100.1	11.6	11.6
Tetradecane	2.04	1.83	1.52	2.48	2.51	2.80	0.98	1.68	0.99	1.9	0.7	34.9
α-Ionone	2.41	3.03	4.25	1.63	3.55	1.91	1.24	2.26	2.20	2.5	1.0	38.2
α,β-Dihydropseudoionone	32.60	32.58	38.84	30.84	32.86	34.95	30.16	30.25	27.63	32.3	3.2	10.0
9-epi-β-Caryophyllene	4.35	3.77	2.55	3.19	3.56	3.70	0.93	1.80	0.94	2.8	1.3	46.1
trans-β-Ionone	5.03	5.75	6.14	3.51	6.14	4.23	3.50	4.32	5.67	4.9	1.1	21.7
β-Ionon-5,6-epoxide	19.07	20.67	28.52	13.27	21.21	15.33	14.36	16.33	20.74	18.8	4.7	24.9
Pentadecane	1.79	1.72	1.99	1.65	1.89	2.03	0.94	1.44	0.90	1.6	0.4	26.6
Dihydro-actinidiolide	10.24	10.21	14.00	6.71	8.47	6.16	6.25	6.37	9.20	8.6	2.6	30.3
Hexadecane	5.35	5.53	6.35	5.03	6.58	6.48	4.56	6.24	4.50	5.6	0.8	14.6
Heptadecane	7.35	9.48	12.08	6.95	9.23	9.13	8.52	9.93	7.90	9.0	1.5	17.2
Octadecane	2.26	3.16	5.79	2.03	4.11	3.77	3.95	4.04	3.42	3.6	1.1	30.8
Farnesyl acetone	5.79	5.62	5.12	6.84	4.73	7.04	5.09	3.20	4.09	5.3	1.2	23.2
Eicosane	0.23	0.44	1.84	0.17	0.48	0.53	0.56	0.44	0.51	0.6	0.5	85.3
Heneicosane	0.03	0.02	0.26	0.02	0.15	0.17	0.18	0.17	0.19	0.1	0.1	66.3
Hexadecanoic acid, butyl ester	13.33	17.81	23.20	6.82	9.60	10.89	17.63	6.85	6.95	12.6	5.9	46.7
Docosane	0.00	0.01	0.15	0.00	0.09	0.10	0.16	0.14	0.09	0.1	0.1	76.2
Tricosane	0.00	0.00	0.13	0.08	0.19	0.16	0.28	0.25	0.18	0.1	0.1	70.5

Sample	SB	SB	SB	SB	SB	SB	SB	SB	SB	Mean Conc. (ng/g)	Stdev	%RSD
GC/MS Batch Sample ID	4	5	6	19	20	21	33	34	35			
Mass (g)	0.4998	0.5079	0.5087	0.5011	0.5022	0.4995	0.501	0.5034	0.5019			
Hexanal	228.3	245.0	205.2	230.7	243.2	202.1	210.7	235.4	223.4	224.9	15.8	7.0
2-Hexenal, (E)-	1246.2	996.9	971.6	916.5	1331.4	1160.8	1298.1	1270.6	1186.8	1153.2	154.0	13.4
5-Hepten-2-one, 6-methyl-	125.2	120.4	161.0	178.9	94.5	99.7	91.2	132.8	100.0	122.6	30.8	25.1
o-Cymene	1.3	1.8	2.3	2.6	2.7	2.6	2.2	2.5	3.0	2.3	0.5	22.1
1-Hexanol, 2-ethyl-	8.0	5.6	6.1	6.4	7.0	7.7	11.0	6.8	9.1	7.5	1.7	22.4
Benzyl alcohol	23.6	25.5	21.1	20.9	70.1	7.1	12.9	56.2	10.4	27.5	21.4	77.7
p-Cymenene	3.0	3.4	9.4	10.3	16.3	8.7	8.9	13.6	10.3	9.3	4.2	45.3
Phenylethyl Alcohol	32.3	27.9	28.1	27.2	28.8	33.4	38.6	31.4	31.7	31.1	3.6	11.5
2,6-Nonadienal, (E,Z)-	11.2	10.5	18.9	20.0	22.4	12.9	12.5	16.7	16.9	15.8	4.2	26.6
Methyl salicylate	8.95	4.18	0.32	0.98	0.79	0.26	1.40	1.68	0.59	2.1	2.8	132.7
Decanal	19.76	24.98	12.93	19.32	10.53	13.17	20.64	21.56	20.42	18.1	4.8	26.4
1-Cyclohexene-1-carboxaldehyde, 2,6,6-trimethyl-	2.95	2.78	4.07	4.62	3.12	3.11	2.53	3.59	4.33	3.5	0.7	21.2
β-Citral	1.36	0.89	0.96	1.31	1.00	1.67	1.48	1.40	2.22	1.4	0.4	30.1
α-Citral	4.70	3.92	4.70	5.34	4.95	5.83	5.22	4.95	6.51	5.1	0.7	14.4
Propanoic acid, 2-methyl-, 3-hydroxy-2,2,4-trimethylpentyl ester	58.32	75.12	87.50	117.68	113.60	86.73	89.21	117.35	120.21	96.2	22.0	22.9
Tetradecane	2.40	2.35	1.54	2.56	2.07	2.52	2.49	2.06	2.43	2.3	0.3	14.4
α-Ionone	3.53	2.81	2.27	2.57	1.63	2.54	1.85	2.04	3.36	2.5	0.6	25.8
α,β-Dihydropseudoionone	32.35	33.19	37.27	35.11	31.39	31.47	28.88	32.04	29.49	32.4	2.6	8.1
9-epi-β-Caryophyllene	4.27	3.72	3.47	2.95	1.63	3.18	3.43	2.21	3.21	3.1	0.8	25.3
trans-β-Ionone	5.29	3.53	5.64	6.29	4.62	4.95	3.95	4.69	6.75	5.1	1.0	20.5
β-Ionon-5,6-epoxide	21.33	19.99	21.77	21.74	15.43	18.40	13.64	17.18	21.57	19.0	3.0	15.9
Pentadecane	2.36	2.79	1.65	1.86	1.32	1.68	1.65	1.57	1.82	1.9	0.4	24.1
Dihydro-actinidiolide	11.49	9.75	9.91	9.82	6.96	8.77	7.76	8.51	11.23	9.4	1.5	16.1
Hexadecane	7.04	6.56	6.00	6.79	5.50	5.85	5.24	5.97	6.26	6.1	0.6	9.6
Heptadecane	11.15	12.65	11.58	10.01	10.11	9.43	6.70	10.48	10.25	10.3	1.6	16.1
Octadecane	4.16	5.85	4.10	4.39	5.36	3.08	2.57	4.45	3.22	4.1	1.1	25.7
Farnesyl acetone	4.91	5.28	7.71	7.50	5.20	5.23	3.97	5.78	3.29	5.4	1.4	26.6
Eicosane	0.54	1.09	0.35	1.02	1.10	0.39	0.46	0.74	0.49	0.7	0.3	45.0
Heneicosane	0.25	0.25	0.07	0.62	0.55	0.21	0.42	0.59	0.39	0.4	0.2	51.1
Hexadecanoic acid, butyl ester	7.88	4.12	22.58	16.68	17.23	9.84	14.78	13.78	7.16	12.7	5.9	46.3
Docosane	0.17	0.23	0.11	0.62	0.50	0.20	0.52	0.62	0.41	0.4	0.2	53.4
Tricosane	0.08	0.13	0.06	0.63	0.52	0.26	0.49	0.68	0.46	0.4	0.2	65.1

Sample	Infected_Char	Infected_Char	Infected_Char	Infected_Char	Infected_Char	Infected_Char	Infected_Char	Infected_Char	Infected_Char	Mean Conc. (ng/g)	Stdev	%RSD
GC/MS Batch Sample ID	7	8	9	22	23	24	36	37	38			
Mass (g)	0.5012	0.5135	0.4995	0.5007	0.5002	0.5009	0.4035	0.499	0.5045			
Hexanal	323.9	225.3	260.1	167.2	154.1	189.5	222.4	176.0	261.1	220.0	54.9	25.0
2-Hexenal, (E)-	1304	843.9	1030	1194	1015	839.0	1487	1247	1186	1127.3	214.5	19.0
5-Hepten-2-one, 6-methyl-	144.7	135.4	151.6	81.0	125.5	97.7	160.5	103.4	82.6	120.3	30.0	25.0
o-Cymene	3.1	2.2	2.3	2.1	2.3	2.9	4.3	3.3	3.5	2.9	0.7	25.9
1-Hexanol, 2-ethyl-	10.4	6.5	5.8	12.0	9.0	7.4	12.6	10.2	6.3	8.9	2.5	28.6
Benzyl alcohol	28.0	18.5	18.0	50.3	55.4	51.1	44.9	31.1	16.6	34.9	15.7	45.0
p-Cymenene	10.3	9.3	11.3	8.5	6.8	15.6	18.9	18.6	21.1	13.4	5.2	39.1
Phenylethyl Alcohol	26.6	30.3	30.2	37.6	32.3	34.7	33.3	37.2	31.6	32.7	3.5	10.8
2,6-Nonadienal, (E,Z)-	16.3	14.0	15.5	12.0	14.6	17.8	18.6	21.6	28.6	17.7	5.0	28.2
Methyl salicylate	2.67	0.54	1.43	1.41	0.98	0.97	4.16	0.93	0.29	1.5	1.2	81.5
Decanal	19.32	9.95	14.56	17.99	8.67	12.88	32.12	20.04	15.61	16.8	7.0	41.5
1-Cyclohexene-1-carboxaldehyde, 2,6,6-trimethyl-	3.68	3.13	2.81	2.24	2.22	2.29	3.80	3.91	4.54	3.2	0.8	26.6
β-Citral	4.40	1.35	1.19	1.56	0.83	1.18	1.79	1.03	1.29	1.6	1.1	66.3
α-Citral	12.14	5.32	4.84	5.31	4.32	5.10	5.79	5.60	3.94	5.8	2.4	42.0
Propanoic acid, 2-methyl-, 3-hydroxy-2,2,4-trimethylpentyl ester	110.6	79.38	95.16	97.37	53.47	95.12	130.7	127.6	111.3	100.1	23.9	23.9
Tetradecane	2.43	2.08	1.78	2.43	0.68	1.70	1.61	1.27	1.09	1.7	0.6	35.5
α-Ionone	3.99	2.89	2.90	1.90	1.28	1.48	3.18	2.89	3.04	2.6	0.9	33.7
α,β-Dihydropseudoionone	34.26	32.77	36.92	28.49	27.63	29.54	36.44	31.4	29.58	31.9	3.4	10.7
9-epi-β-Caryophyllene	2.64	3.43	3.49	3.67	0.88	2.09	1.45	1.19	0.84	2.2	1.2	53.0
trans-β-Ionone	6.81	4.28	4.62	3.77	2.31	2.99	5.04	6.12	6.27	4.7	1.5	32.6
β-Ionon-5,6-epoxide	20.58	16.11	15.30	13.84	9.23	11.81	19.88	20.68	20.25	16.4	4.2	25.8
Pentadecane	1.87	1.80	1.87	1.59	0.42	1.11	1.16	1.16	0.84	1.3	0.5	38.5
Dihydro-actinidiolide	7.45	7.08	7.29	6.23	5.51	6.17	8.19	9.13	10.27	7.5	1.5	20.2
Hexadecane	7.36	5.44	6.55	4.90	1.66	3.96	6.01	5.36	3.64	5.0	1.7	34.3
Heptadecane	13.24	9.15	11.34	7.66	3.30	7.14	11.39	8.61	5.93	8.6	3.1	35.5
Octadecane	5.73	2.94	3.81	2.34	1.75	3.10	6.29	4.80	3.43	3.8	1.5	40.2
Farnesyl acetone	7.04	5.71	6.80	3.97	4.04	5.55	4.55	4.52	4.66	5.2	1.1	21.9
Eicosane	0.67	0.35	0.30	0.30	0.31	0.51	1.17	0.76	0.77	0.6	0.3	52.2
Heneicosane	0.24	0.04	0.11	0.12	0.11	0.23	0.57	0.60	0.98	0.3	0.3	94.7
Hexadecanoic acid, butyl ester	5.76	17.04	14.01	11.88	14.71	9.33	18.32	7.97	8.60	12.0	4.3	36.3
Docosane	0.13	0.03	0.02	0.07	0.09	0.07	0.53	0.44	0.42	0.2	0.2	100.6
Tricosane	0.01	0.00	0.00	0.13	0.13	0.16	0.58	0.54	0.54	0.2	0.2	106.6

Sample	Char	Char	Char	Char	Char	Char	Char	Char	Char	Mean Conc. (ng/g)	Stdev	%RSD
GC/MS Batch Sample ID	10	11	12	16	17	18	30	31	32			
Mass (g)	0.5024	0.5026	0.5017	0.4992	0.5003	0.5015	0.5019	0.5016	0.5034			
Hexanal	200.1	147.0	194.4	200.2	163.5	240.0	128.8	182.4	321.7	197.6	56.9	28.8
2-Hexenal, (E)-	1162.4	968.4	924.6	1065.1	1147.4	842.0	921.4	1313.6	1004.5	1038.8	147.9	14.2
5-Hepten-2-one, 6-methyl-	165.0	150.3	110.3	125.1	124.7	80.6	140.9	173.7	94.2	129.4	31.3	24.2
o-Cymene	2.2	1.6	2.5	1.7	2.3	2.5	2.2	2.1	2.7	2.2	0.4	16.6
1-Hexanol, 2-ethyl-	6.7	6.4	7.1	4.7	8.4	6.2	5.2	6.1	6.2	6.3	1.0	16.5
Benzyl alcohol	21.7	62.9	17.4	65.9	55.1	22.3	27.3	63.1	21.4	39.7	21.3	53.6
p-Cymenene	10.0	7.2	11.3	7.5	12.1	10.9	13.6	9.4	12.4	10.5	2.2	20.8
Phenylethyl Alcohol	31.0	38.3	33.7	33.9	36.6	28.9	33.9	34.9	30.6	33.5	3.0	8.9
2,6-Nonadienal, (E,Z)-	25.2	14.6	14.3	14.1	18.7	14.5	15.0	18.4	14.3	16.6	3.7	22.3
Methyl salicylate	0.39	0.48	0.98	1.40	0.46	0.50	1.37	2.19	1.15	1.0	0.6	60.9
Decanal	13.22	15.01	10.51	33.23	14.71	15.39	24.83	14.44	21.38	18.1	7.1	39.5
1-Cyclohexene-1-carboxaldehyde, 2,6,6-trimethyl-	4.98	2.81	3.12	2.34	3.26	2.49	1.92	2.78	2.48	2.9	0.9	30.1
β-Citral	1.40	1.19	1.59	1.02	1.62	1.27	1.17	1.15	1.42	1.3	0.2	15.8
α-Citral	5.93	5.58	6.29	4.19	6.79	4.31	5.57	4.58	6.07	5.5	0.9	16.8
Propanoic acid, 2-methyl-, 3-hydroxy-2,2,4-trimethylpentyl ester	100.7	59.42	85.64	92.28	100.4	103.4	120.9	63.41	110.1	92.9	20.5	22.0
Tetradecane	2.01	1.72	2.13	2.12	2.81	2.53	2.57	1.29	2.09	2.1	0.5	21.5
α-Ionone	4.76	2.31	3.32	3.06	2.74	2.85	2.10	2.81	2.34	2.9	0.8	27.1
α,β-Dihydropseudoionone	38.56	34.26	33.58	35.01	32.59	27.99	32.66	35.43	28.86	33.2	3.3	9.8
9-epi-β-Caryophyllene	3.75	3.07	4.25	2.66	3.92	2.35	2.49	0.91	1.75	2.8	1.1	38.6
trans-β-Ionone	8.38	3.99	5.14	4.44	4.97	4.07	3.95	4.16	4.09	4.8	1.4	29.4
β-Ionon-5,6-epoxide	28.57	13.89	18.85	15.22	18.51	13.72	12.72	14.82	15.50	16.9	4.9	28.8
Pentadecane	2.01	1.66	1.93	2.02	2.06	1.58	2.07	0.82	1.68	1.8	0.4	22.8
Dihydro-actinidiolide	12.98	7.56	8.82	7.51	8.45	6.42	6.09	7.95	6.88	8.1	2.0	25.3
Hexadecane	7.10	5.04	6.10	5.95	6.40	5.79	7.22	3.40	5.87	5.9	1.1	19.5
Heptadecane	14.16	6.92	10.75	11.04	8.85	1.39	12.71	6.45	10.54	9.2	3.8	41.8
Octadecane	5.26	2.71	3.20	3.91	3.78	4.47	4.68	3.79	4.06	4.0	0.8	19.2
Farnesyl acetone	8.59	6.73	6.21	6.08	5.13	3.40	3.76	6.45	3.39	5.5	1.8	31.9
Eicosane	0.60	0.24	0.16	1.56	1.12	0.99	1.90	1.38	0.90	1.0	0.6	59.4
Heneicosane	0.29	0.03	0.00	1.57	0.91	0.74	2.17	1.35	0.94	0.9	0.7	81.8
Hexadecanoic acid, butyl ester	8.80	6.11	11.33	20.98	15.00	12.27	17.45	9.27	7.93	12.1	4.9	40.0
Docosane	0.04	0.00	0.00	1.58	0.99	0.76	2.46	1.59	1.07	0.9	0.8	89.8
Tricosane	0.06	0.00	0.01	1.08	0.73	0.55	1.90	1.35	1.04	0.7	0.7	88.5