

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009430.D
 Acq On : 25 Mar 2019 16:08
 Operator : SY/VA
 Sample : K2031-20
 Misc : 6.31G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5T0

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.361	69	75	86	rBV	74289	166979	11.34%	1.618%
2	3.781	306	308	309	rBV	1481	988	0.07%	0.010%
3	4.013	335	346	358	rBV2	128657	444957	30.21%	4.311%
4	4.269	386	388	389	rBV	1923	1150	0.08%	0.011%
5	4.318	394	396	399	rBV	1476	1447	0.10%	0.014%
6	4.385	399	407	414	rBV3	12457	33090	2.25%	0.321%
7	4.623	443	446	448	rBV2	1600	1818	0.12%	0.018%
8	4.671	452	454	456	rVV	1587	1388	0.09%	0.013%
9	4.708	458	460	463	rBV	1681	909	0.06%	0.009%
10	4.842	480	482	483	rBV2	1903	1571	0.11%	0.015%
11	4.921	485	495	509	rVV3	28298	112966	7.67%	1.094%
12	5.135	528	530	531	rBV2	1801	1326	0.09%	0.013%
13	5.226	544	545	548	rBV2	2462	2351	0.16%	0.023%
14	5.653	613	615	617	rBV	2126	2409	0.16%	0.023%
15	5.744	628	630	631	rBV	2040	872	0.06%	0.008%
16	6.208	705	706	708	rBV	1606	1242	0.08%	0.012%
17	6.403	736	738	739	rBV	2288	1416	0.10%	0.014%
18	6.580	765	767	770	rVB	2212	2142	0.15%	0.021%
19	6.616	770	773	777	rBV	2768	3565	0.24%	0.035%
20	6.671	781	782	785	rBV	2829	2201	0.15%	0.021%
21	6.836	807	809	810	rVB	2103	1195	0.08%	0.012%
22	6.860	810	813	816	rBV2	1450	2140	0.15%	0.021%
23	6.939	824	826	828	rBV	2980	3018	0.20%	0.029%
24	6.970	828	831	834	rBV2	2019	2309	0.16%	0.022%
25	7.073	838	848	857	rBV2	61940	181373	12.31%	1.757%
26	7.409	902	903	905	rVB	1138	663	0.05%	0.006%
27	7.427	905	906	908	rBV2	1212	1164	0.08%	0.011%
28	7.500	916	918	921	rBV3	1458	1674	0.11%	0.016%
29	7.647	930	942	956	rBV	282583	677880	46.02%	6.567%
30	7.738	956	957	961	rBV2	1777	1759	0.12%	0.017%
31	7.909	984	985	986	rBV	1733	935	0.06%	0.009%
32	8.006	999	1001	1002	rVB	1430	775	0.05%	0.008%
33	8.025	1002	1004	1005	rBV	1537	1485	0.10%	0.014%
34	8.116	1014	1019	1021	rBV2	2120	2932	0.20%	0.028%

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 Title : VOC Analysis

35	8.140	1021	1023	1024	rBV	2900	2466	0.17%	0.024%
36	8.274	1035	1045	1061	rBV2	469157	1473111	100.00%	14.272%
37	8.543	1087	1089	1091	rBV2	1334	1033	0.07%	0.010%
38	8.610	1098	1100	1103	rBV3	2034	2864	0.19%	0.028%
39	8.695	1108	1114	1122	rVB5	5408	13763	0.93%	0.133%
40	8.756	1122	1124	1125	rVB	1348	956	0.06%	0.009%
41	8.781	1125	1128	1129	rBV	1653	1098	0.07%	0.011%
42	8.841	1130	1138	1151	rVB	510259	1000075	67.89%	9.689%
43	9.061	1172	1174	1176	rBV3	2409	2716	0.18%	0.026%
44	9.189	1194	1195	1196	rBV	1826	928	0.06%	0.009%
45	9.207	1196	1198	1199	rVV	1536	1192	0.08%	0.012%
46	9.274	1201	1209	1219	rVV	363950	727464	49.38%	7.048%
47	9.415	1231	1232	1233	rBV	2731	1183	0.08%	0.011%
48	9.555	1254	1255	1256	rVB	505	185	0.01%	0.002%
49	9.573	1256	1258	1259	rVB	1313	904	0.06%	0.009%
50	9.585	1259	1260	1262	rBV	1798	1019	0.07%	0.010%
51	9.604	1262	1263	1266	rBV2	1295	1122	0.08%	0.011%
52	9.658	1269	1272	1273	rBV2	3054	3139	0.21%	0.030%
53	9.756	1286	1288	1290	rVB3	2264	1539	0.10%	0.015%
54	9.860	1303	1305	1306	rBV	1442	1305	0.09%	0.013%
55	9.969	1321	1323	1325	rBV	1868	1038	0.07%	0.010%
56	10.036	1326	1334	1341	rVV	181889	332661	22.58%	3.223%
57	10.183	1357	1358	1359	rVB	2083	762	0.05%	0.007%
58	10.207	1359	1362	1363	rBV2	2234	2562	0.17%	0.025%
59	10.323	1374	1381	1389	rBV	589716	1023001	69.44%	9.911%
60	10.579	1416	1423	1431	rVB	131064	224768	15.26%	2.178%
61	10.701	1441	1443	1444	rBV	3911	2115	0.14%	0.020%
62	10.926	1474	1480	1494	rBV	255891	437730	29.71%	4.241%
63	11.158	1516	1518	1519	rBV	2555	1561	0.11%	0.015%
64	11.634	1589	1596	1605	rVB	669735	1129704	76.69%	10.945%
65	11.945	1645	1647	1650	rBV3	2915	3281	0.22%	0.032%
66	12.323	1708	1709	1712	rVB	2458	1407	0.10%	0.014%
67	12.475	1728	1734	1742	rBV2	50893	84637	5.75%	0.820%
68	12.609	1754	1756	1761	rVB3	8778	12594	0.85%	0.122%
69	12.694	1763	1770	1778	rVV	341232	552288	37.49%	5.351%
70	12.822	1790	1791	1793	rBV	1836	1106	0.08%	0.011%
71	12.865	1796	1798	1799	rBV	1698	1469	0.10%	0.014%

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72	12.999	1816	1820	1821	rBV	2000	1978	0.13%	0.019%
73	13.109	1836	1838	1840	rBV2	1459	1290	0.09%	0.012%
74	13.316	1871	1872	1874	rVB	2758	1183	0.08%	0.011%
75	13.475	1893	1898	1899	rBV4	9958	14263	0.97%	0.138%
76	13.560	1906	1912	1921	rVB	526361	817068	55.47%	7.916%
77	13.859	1954	1961	1967	rBV	449532	746272	50.66%	7.230%
78	14.005	1983	1985	1988	rBV2	2575	3643	0.25%	0.035%
79	14.298	2032	2033	2034	rBV	1848	953	0.06%	0.009%
80	14.389	2046	2048	2050	rBV2	2228	1793	0.12%	0.017%
81	14.529	2069	2071	2072	rBV	1545	877	0.06%	0.008%
82	15.072	2158	2160	2163	rBV2	2122	1970	0.13%	0.019%
83	15.237	2185	2187	2188	rVB	2124	978	0.07%	0.009%
84	15.493	2227	2229	2231	rBV	3277	2875	0.20%	0.028%
85	15.767	2272	2274	2277	rVB	2659	2509	0.17%	0.024%
86	15.798	2277	2279	2280	rBV	3576	2758	0.19%	0.027%
87	16.133	2333	2334	2335	rBV	1983	911	0.06%	0.009%
88	16.279	2356	2358	2360	rBV	3442	2703	0.18%	0.026%
89	16.718	2426	2430	2431	rBV3	2261	2899	0.20%	0.028%

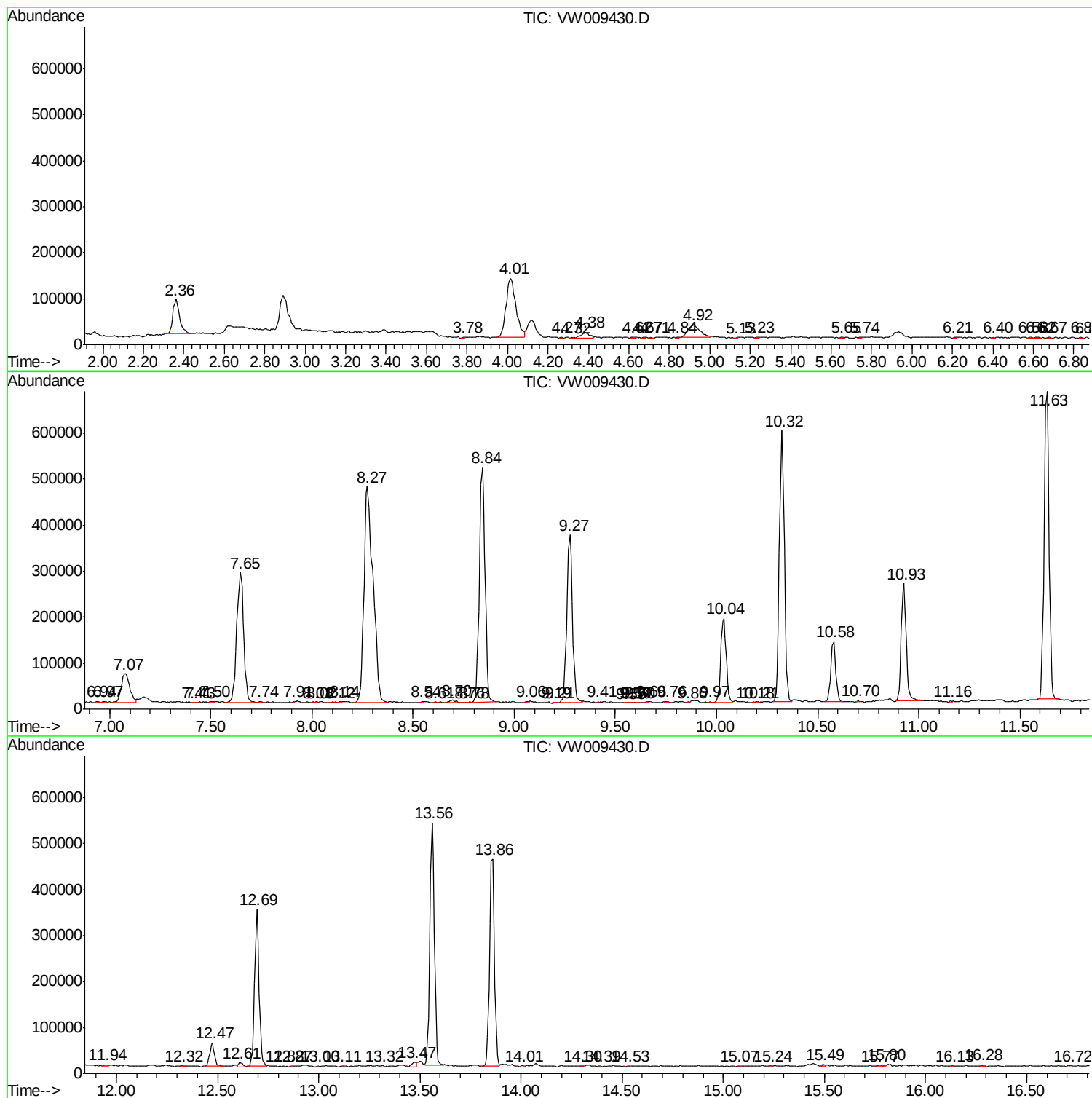
Sum of corrected areas: 10321758

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Peak Number 1 (1R)-2,6,6-Trimethylbicyclo... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.48	1.87 ug/L	84637	Chlorobenzene-d5	11.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	007785-70-8	93
2	.alpha.-Pinene	136	C10H16	000080-56-8	90
3	.alpha.-Pinene	136	C10H16	000080-56-8	87
4	(1R)-2,6,6-Trimethylbicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	007785-70-8	81
5	Bicyclo[3.1.1]hept-2-ene, 3,6,6-trimethyl-	136	C10H16	004889-83-2	74

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(1R)-2,6,6-Trimet...	12.48	1.9	ug/L	84637	2	11.63	1129700	25.0