

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032519\
 Data File : VW009438.D
 Acq On : 25 Mar 2019 20:18
 Operator : SY/VA
 Sample : K2044-04
 Misc : 5.24G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5T4

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	2.160	36	42	47	rBV3	13362	27582	1.94%	0.243%
2	2.355	67	74	84	rBV	74316	169622	11.95%	1.494%
3	2.623	113	118	119	rBV	10902	16567	1.17%	0.146%
4	2.892	156	162	175	rVB2	69634	197984	13.94%	1.744%
5	3.843	315	318	320	rVV	3588	3771	0.27%	0.033%
6	3.879	322	324	326	rVV2	2445	2337	0.16%	0.021%
7	4.013	335	346	359	rVV	136386	459591	32.37%	4.049%
8	4.117	359	363	371	rVB2	14828	35439	2.50%	0.312%
9	4.239	382	383	388	rVB	2793	3331	0.23%	0.029%
10	4.294	388	392	395	rBV	1634	2329	0.16%	0.021%
11	4.373	397	405	406	rBV2	8950	16921	1.19%	0.149%
12	4.617	442	445	449	rVB2	1752	2832	0.20%	0.025%
13	4.659	449	452	454	rBV	1941	2172	0.15%	0.019%
14	4.769	468	470	475	rBV	2555	3565	0.25%	0.031%
15	4.903	481	492	505	rBV3	25728	109015	7.68%	0.960%
16	5.312	557	559	562	rBV	2207	2036	0.14%	0.018%
17	5.422	574	577	578	rBV	2699	2711	0.19%	0.024%
18	5.702	621	623	627	rBV3	2184	3353	0.24%	0.030%
19	5.739	627	629	633	rBV2	2200	3437	0.24%	0.030%
20	5.934	652	661	669	rVV5	13300	44036	3.10%	0.388%
21	6.129	691	693	698	rVB2	2322	3027	0.21%	0.027%
22	6.812	802	805	808	rVB3	1989	2500	0.18%	0.022%
23	6.842	808	810	812	rBV2	1660	2059	0.15%	0.018%
24	6.891	815	818	821	rBV4	2943	4651	0.33%	0.041%
25	7.080	839	849	858	rBV	51313	144404	10.17%	1.272%
26	7.525	918	922	923	rBV	2562	2160	0.15%	0.019%
27	7.647	932	942	952	rBV	278782	666322	46.93%	5.870%
28	7.732	952	956	959	rVB	1978	3074	0.22%	0.027%
29	7.866	974	978	979	rVB	1739	2005	0.14%	0.018%
30	7.915	983	986	988	rBV2	1550	2561	0.18%	0.023%
31	8.275	1032	1045	1061	rBV2	463145	1419887	100.00%	12.509%
32	8.634	1102	1104	1108	rVB4	2393	2160	0.15%	0.019%
33	8.708	1115	1116	1121	rVB	3814	3711	0.26%	0.033%
34	8.842	1126	1138	1146	rBV	516840	1005974	70.85%	8.862%

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35	8.939	1151	1154	1156	rVV3	1864	2424	0.17%	0.021%
36	9.025	1165	1168	1170	rVV2	2318	2736	0.19%	0.024%
37	9.049	1170	1172	1173	rVV	2848	2575	0.18%	0.023%
38	9.073	1173	1176	1181	rVV5	6397	12057	0.85%	0.106%
39	9.275	1200	1209	1222	rBV	343916	711136	50.08%	6.265%
40	9.415	1229	1232	1234	rVB	2612	2291	0.16%	0.020%
41	9.756	1284	1288	1293	rBV4	4001	7675	0.54%	0.068%
42	9.890	1303	1310	1316	rBV6	8366	20743	1.46%	0.183%
43	10.030	1327	1333	1343	rBV	171704	311994	21.97%	2.749%
44	10.250	1365	1369	1373	rVB3	4175	8069	0.57%	0.071%
45	10.323	1373	1381	1388	rBV	628952	1084924	76.41%	9.558%
46	10.390	1390	1392	1396	rVV3	3979	6251	0.44%	0.055%
47	10.579	1417	1423	1429	rVV	115571	199265	14.03%	1.755%
48	10.701	1440	1443	1447	rVB4	3509	4918	0.35%	0.043%
49	10.774	1452	1455	1457	rBV3	2297	2955	0.21%	0.026%
50	10.860	1465	1469	1473	rVB4	10477	17368	1.22%	0.153%
51	10.927	1473	1480	1494	rVV	193321	342555	24.13%	3.018%
52	11.024	1494	1496	1499	rVB3	2682	2667	0.19%	0.023%
53	11.079	1499	1505	1508	rBV5	4963	8637	0.61%	0.076%
54	11.171	1517	1520	1521	rBV	3236	3272	0.23%	0.029%
55	11.274	1535	1537	1539	rBV	2722	2008	0.14%	0.018%
56	11.408	1556	1559	1562	rVB5	2875	3434	0.24%	0.030%
57	11.518	1573	1577	1578	rBV	3270	4205	0.30%	0.037%
58	11.634	1588	1596	1608	rBV	701851	1211253	85.31%	10.671%
59	11.774	1617	1619	1621	rBV2	2989	3380	0.24%	0.030%
60	11.829	1625	1628	1630	rVV3	4245	6204	0.44%	0.055%
61	11.878	1634	1636	1644	rVV6	4717	8237	0.58%	0.073%
62	12.006	1655	1657	1661	rBV4	1882	2584	0.18%	0.023%
63	12.128	1674	1677	1678	rBV3	2353	2748	0.19%	0.024%
64	12.176	1682	1685	1686	rBV2	2649	3206	0.23%	0.028%
65	12.335	1708	1711	1716	rVB6	4861	8287	0.58%	0.073%
66	12.481	1733	1735	1740	rVB3	2847	2035	0.14%	0.018%
67	12.524	1740	1742	1745	rVB3	2714	2704	0.19%	0.024%
68	12.554	1745	1747	1751	rBV3	1853	2641	0.19%	0.023%
69	12.609	1751	1756	1762	rVB2	9325	15937	1.12%	0.140%
70	12.695	1762	1770	1778	rBV	280268	469863	33.09%	4.139%
71	12.774	1778	1783	1784	rBV4	5414	6627	0.47%	0.058%

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72	12.878	1793	1800	1801	rBV3	4313	8641	0.61%	0.076%
73	12.896	1801	1803	1806	rVV3	4333	5697	0.40%	0.050%
74	12.945	1806	1811	1813	rVV5	5043	8220	0.58%	0.072%
75	13.042	1823	1827	1828	rBV3	1982	2833	0.20%	0.025%
76	13.188	1845	1851	1856	rBV7	4630	11209	0.79%	0.099%
77	13.402	1881	1886	1891	rVB8	6416	12423	0.87%	0.109%
78	13.475	1895	1898	1900	rBV4	2907	4033	0.28%	0.036%
79	13.560	1906	1912	1922	rVB	624028	992346	69.89%	8.742%
80	13.646	1924	1926	1930	rVB4	4509	4904	0.35%	0.043%
81	13.853	1954	1960	1972	rVB	515342	867522	61.10%	7.643%
82	14.011	1983	1986	1988	rBV2	5486	6668	0.47%	0.059%
83	14.103	1993	2001	2005	rVB5	14831	30393	2.14%	0.268%
84	14.213	2015	2019	2023	rVB6	6862	9582	0.67%	0.084%
85	14.335	2034	2039	2044	rBV6	16323	32289	2.27%	0.284%
86	14.420	2050	2053	2057	rVB2	13579	19961	1.41%	0.176%
87	14.457	2057	2059	2063	rVB3	6643	7840	0.55%	0.069%
88	14.505	2065	2067	2071	rVB4	7085	6583	0.46%	0.058%
89	14.548	2071	2074	2077	rBV5	4971	7095	0.50%	0.063%
90	14.798	2110	2115	2122	rBV5	34222	76254	5.37%	0.672%
91	14.859	2123	2125	2130	rVB4	10885	14856	1.05%	0.131%
92	14.963	2140	2142	2144	rBV3	5220	4688	0.33%	0.041%
93	15.036	2151	2154	2155	rBV3	5140	5951	0.42%	0.052%
94	15.072	2156	2160	2163	rVV5	18972	30295	2.13%	0.267%
95	15.188	2173	2179	2188	rVB5	34321	73860	5.20%	0.651%
96	15.334	2199	2203	2206	rBV5	9930	14207	1.00%	0.125%
97	15.371	2207	2209	2213	rVB3	12779	15834	1.12%	0.139%
98	16.450	2381	2386	2392	rBV2	31604	64624	4.55%	0.569%
99	16.560	2402	2404	2405	rBV	5593	4374	0.31%	0.039%
100	16.651	2414	2419	2430	rVB2	51012	124997	8.80%	1.101%

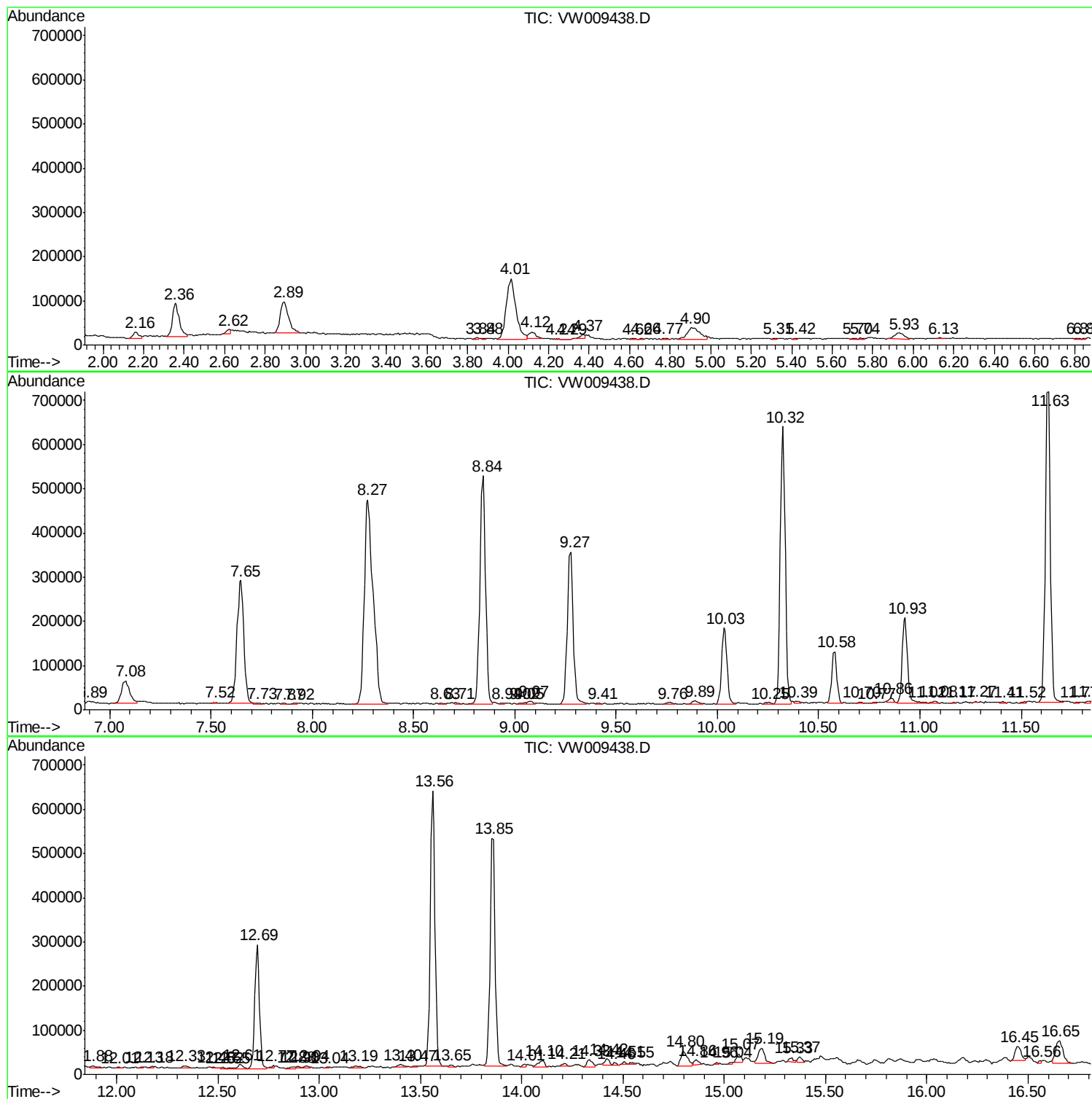
Sum of corrected areas: 11351170

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

 Peak Number 1 unknown-01 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.03	7.75 ug/L	311994	1,4-Difluorobenzene	8.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,3-dichloro-	128	C3H6Cl2O	000096-23-1	17
2	Cyclopropane	42	C3H6	000075-19-4	9
3	1,3-Cyclohexadiene	80	C6H8	000592-57-4	9
4	Methane, oxybis[chloro-	114	C2H4Cl2O	000542-88-1	9
5	1,3-Cyclohexadiene	80	C6H8	000592-57-4	9

 Peak Number 2 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.80	1.92 ug/L	76254	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	76
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	76
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	72
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	70
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	70

 Peak Number 3 1H-Indene, 2,3-dihydro-1,1-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.19	1.86 ug/L	73860	1,4-Dichlorobenzene-d4	13.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	70
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	68
3	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	58
4	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	58
5	1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	58

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	10.03	7.8	ug/L	311994	1	8.84	1005970	25.0
Benzene, 1-ethyl-...	14.80	1.9	ug/L	76254	3	13.56	992346	25.0
1H-Indene, 2,3-di...	15.19	1.9	ug/L	73860	3	13.56	992346	25.0