LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102618\
Data File : VW006366.D
Acq On : 25 Oct 2018 16:25
Operator : SY/AP
Sample : VIBLK85
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK85

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.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	68	75	88	rVB	46462	97978	6.27%	1.079%
2	2.648	120	122	126	rBV2	905	993	0.06%	0.011%
3	2.898	156	163	178	rVB	37533	105927	6.78%	1.166%
4	3.781	307	308	313	rVB2	375	474	0.03%	0.005%
5	3.855	315	320	328	rBV6	1100	2839	0.18%	0.031%
6	4.013	335	346	360	rBV	96488	276473	17.70%	3.044%
7	4.147	363	368	374	rVV3	3094	8442	0.54%	0.093%
8	4.440	413	416	417	rBV2	687	607	0.04%	0.007%
9	4.458	417	419	420	rBV	601	432	0.03%	0.005%
10	4.915	481	494	509	rBV	9108	32083	2.05%	0.353%
11	5.111	521	526	527	rBV2	481	772	0.05%	0.009%
12	5.147	530	532	534	rVB3	593	524	0.03%	0.006%
13	5.232	538	546	548	rBV3	487	982	0.06%	0.011%
14	5.751	623	631	638	rBV7	1322	3635	0.23%	0.040%
15	5.940	652	662	672	rVB4	2956	9256	0.59%	0.102%
16	6.909	817	821	822	rBV3	416	517	0.03%	0.006%
17	7.092	841	851	856	rBV	36104	99103	6.34%	1.091%
18	7.153	857	861	876	rVB	38733	103311	6.61%	1.137%
19	7.537	920	924	925	rBV2	411	393	0.03%	0.004%
20	7.653	932	943	958	rVB	142631	346236	22.16%	3.812%
21	7.927	984	988	990	rBV3	285	399	0.03%	0.004%
22	8.159	1021	1026	1031	rBV4	575	936	0.06%	0.010%
23	8.268	1031	1044	1062	rBV3	492607	1562189	100.00%	17.200%
24	8.421	1066	1069	1073	rVB4	347	394	0.03%	0.004%
25	8.488	1073	1080	1085	rBV4	751	1816	0.12%	0.020%
26	8.586	1094	1096	1100	rVB3	255	390	0.02%	0.004%
27	8.622	1100	1102	1105	rBV3	365	522	0.03%	0.006%
28	8.695	1108	1114	1117	rBV4	755	1376	0.09%	0.015%
29	8.781	1125	1128	1130	rBV2	252	374	0.02%	0.004%
30	8.848	1130	1139	1151	rBV	356079	699547	44.78%	7.702%
31	9.079	1171	1177	1181	rBV6	1142	2482	0.16%	0.027%
32	9.281	1201	1210	1218	rBV	182229	372820	23.87%	4.105%
33	9.372	1223	1225	1226	rVV2	943	838	0.05%	0.009%
34	9.390	1226	1228	1234	rVV4	1378	1768	0.11%	0.019%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK85

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Title : VOC Analysis

35	9.470	1236	1241	1249	rVB2	2087	4216	0.27%	0.046%
36	9.659	1266	1272	1280	rVV6	1129	2438	0.16%	0.027%
37	9.762	1283	1289	1298	rVB	16628	33097	2.12%	0.364%
38	9.896	1302	1311	1318	rBV	48018	98929	6.33%	1.089%
39	9.963	1318	1322	1328	rVV4	5024	13286	0.85%	0.146%
40	10.036	1328	1334	1342	rVV	95575	175506	11.23%	1.932%
41	10.097	1342	1344	1353	rVB5	2420	4862	0.31%	0.054%
42	10.256	1358	1370	1375	rBV	20134	42336	2.71%	0.466%
43	10.329	1375	1382	1390	rVV	417568	731561	46.83%	8.055%
44	10.396	1390	1393	1396	rVB3	820	879	0.06%	0.010%
45	10.512	1407	1412	1416	rVB5	1006	1469	0.09%	0.016%
46	10.579	1416	1423	1433	rBV	62319	110376	7.07%	1.215%
47	10.713	1437	1445	1451	rBV	143990	257103	16.46%	2.831%
48	10.780	1451	1456	1462	rVB	4978	8982	0.57%	0.099%
49	10.847	1462	1467	1473	rVB2	6439	10376	0.66%	0.114%
50	10.933	1473	1481	1493	rBV	140966	240443	15.39%	2.647%
51	11.073	1495	1504	1511	rVV	31159	53843	3.45%	0.593%
52	11.140	1514	1515	1516	rVV	661	374	0.02%	0.004%
53	11.183	1516	1522	1527	rVB2	12157	19502	1.25%	0.215%
54	11.280	1536	1538	1544	rVB4	391	667	0.04%	0.007%
55	11.347	1544	1549	1554	rBV5	1716	2904	0.19%	0.032%
56	11.445	1554	1565	1572	rVB	104236	179260	11.47%	1.974%
57	11.542	1578	1581	1586	rBV3	530	794	0.05%	0.009%
58	11.634	1586	1596	1604	rBV	497931	852666	54.58%	9.388%
59	11.841	1626	1630	1633	rBV5	1179	1680	0.11%	0.018%
60	11.884	1633	1637	1641	rVB2	2321	3491	0.22%	0.038%
61	12.073	1665	1668	1672	rBV	645	676	0.04%	0.007%
62	12.170	1680	1684	1685	rBV2	318	383	0.02%	0.004%
63	12.378	1715	1718	1721	rBV2	381	480	0.03%	0.005%
64	12.475	1724	1734	1739	rBV5	1482	3531	0.23%	0.039%
65	12.542	1743	1745	1746	rBV2	472	400	0.03%	0.004%
66	12.615	1750	1757	1763	rBV	133055	221899	14.20%	2.443%
67	12.701	1764	1771	1778	rBV	197312	336105	21.52%	3.701%
68	12.938	1805	1810	1816	rBV	8987	15481	0.99%	0.170%
69	13.042	1822	1827	1831	rBV3	3147	5034	0.32%	0.055%
70	13.085	1831	1834	1838	rBV4	3026	4706	0.30%	0.052%
71	13.207	1844	1854	1864	rVB8	6051	18695	1.20%	0.206%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK85

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Title : VOC Analysis

72	13.304	1866	1870	1877	rVB2	16603	26810	1.72%	0.295%
73	13.414	1879	1888	1893	rBV2	6355	11099	0.71%	0.122%
74	13.481	1893	1899	1901	rBV5	3633	6178	0.40%	0.068%
75	13.518	1901	1905	1906	rBV4	2173	2452	0.16%	0.027%
76	13.566	1906	1913	1920	rBV	555996	892802	57.15%	9.830%
77	13.713	1936	1937	1941	rBV3	383	490	0.03%	0.005%
78	13.768	1941	1946	1949	rVV4	6154	10114	0.65%	0.111%
79	13.804	1950	1952	1954	rVV3	4001	4418	0.28%	0.049%
80	13.859	1954	1961	1968	rVV	446905	725077	46.41%	7.983%
81	13.914	1968	1970	1974	rVV3	6136	7921	0.51%	0.087%
82	13.957	1975	1977	1984	rVV3	2780	4620	0.30%	0.051%
83	14.024	1984	1988	1992	rVV5	1721	3012	0.19%	0.033%
84	14.078	1992	1997	2007	rVB	25897	44934	2.88%	0.495%
85	14.408	2030	2051	2063	rBV2	24607	99187	6.35%	1.092%
86	14.523	2069	2070	2078	rVB6	2233	4716	0.30%	0.052%
87	14.743	2099	2106	2110	rVB6	2945	5224	0.33%	0.058%
88	14.786	2110	2113	2114	rBV2	385	466	0.03%	0.005%
89	14.834	2117	2121	2122	rVV4	404	578	0.04%	0.006%
90	14.853	2122	2124	2128	rVV4	509	675	0.04%	0.007%
91	14.920	2128	2135	2142	rVB7	717	2096	0.13%	0.023%
92	15.011	2148	2150	2152	rBV2	433	420	0.03%	0.005%
93	15.042	2154	2155	2157	rBV2	684	376	0.02%	0.004%
94	15.139	2165	2171	2181	rBV5	2626	5312	0.34%	0.058%
95	15.322	2200	2201	2203	rBV2	612	499	0.03%	0.005%
96	15.450	2216	2222	2228	rVV	11131	17659	1.13%	0.194%
97	15.511	2228	2232	2239	rVB2	2686	4824	0.31%	0.053%
98	15.627	2248	2251	2252	rBV2	673	899	0.06%	0.010%
99	15.779	2273	2276	2280	rBV5	1180	2046	0.13%	0.023%
100	15.993	2305	2311	2312	rBV4	1170	2137	0.14%	0.024%

Sum of corrected areas: 9082299

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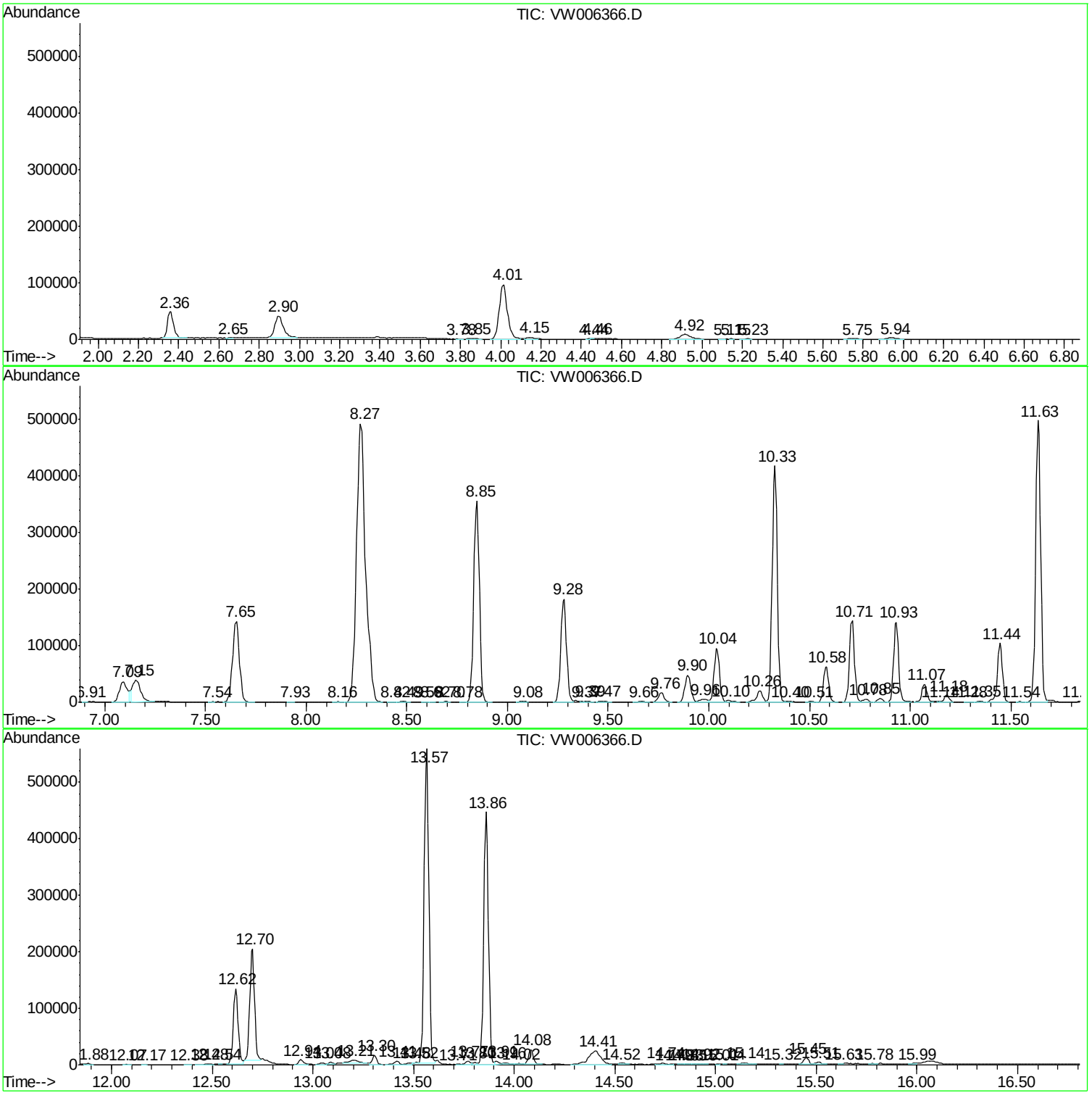
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102618\
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK85

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

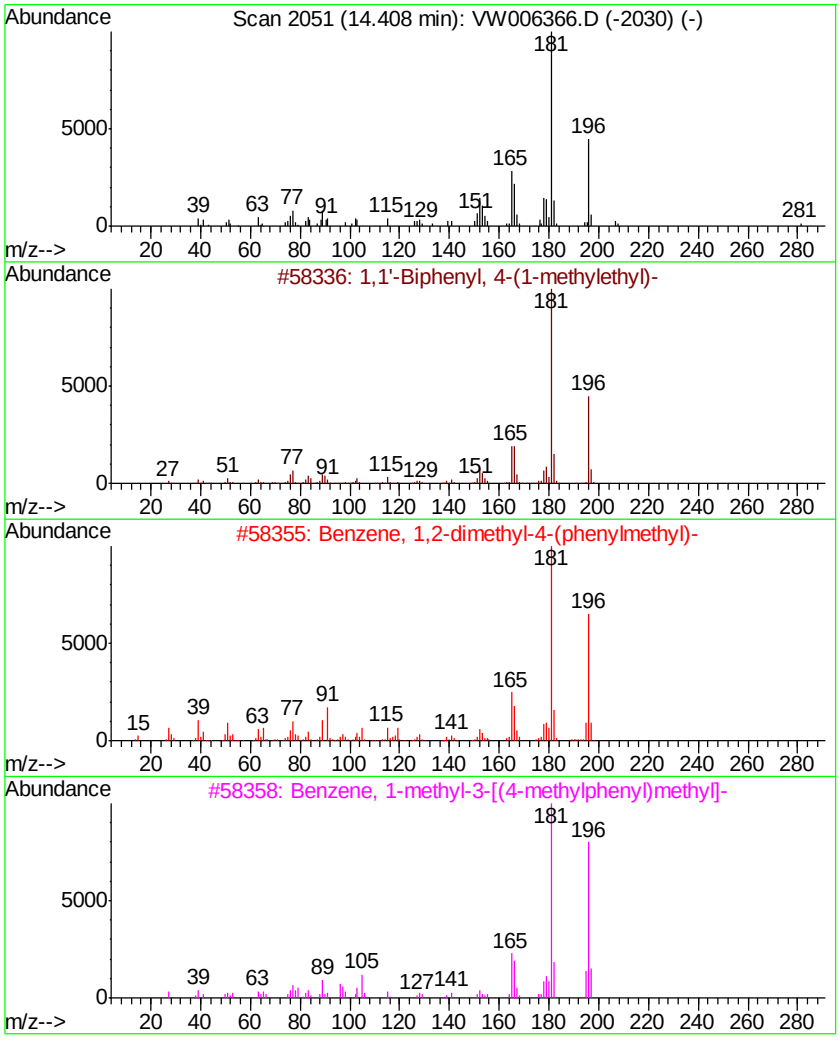
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

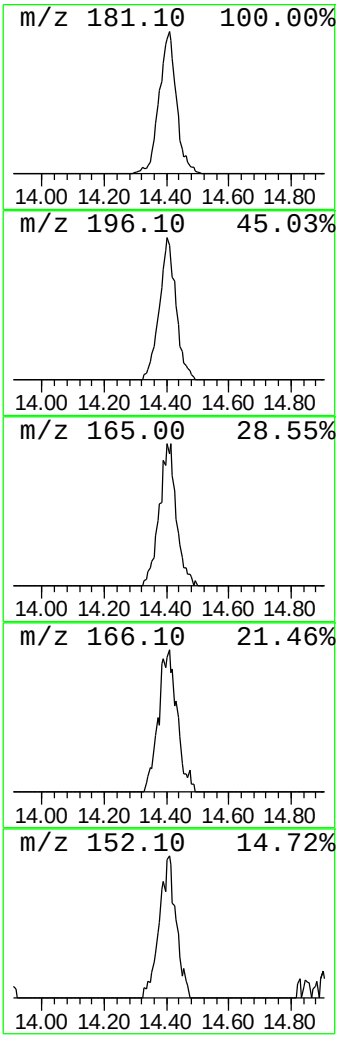
****

Peak Number 9 1,1'-Biphenyl, 4-(1-methyle... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	2.78 ug/L	99187	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	94
2	Benzene, 1,2-dimethyl-4-(phenylm...	196	C15H16	013540-56-2	90
3	Benzene, 1-methyl-3-[(4-methylph...	196	C15H16	021895-16-9	80
4	Methane, di-p-tolyl-	196	C15H16	004957-14-6	76
5	Benzene, 3,5-dimethyl-1-(phenylm...	196	C15H16	028122-27-2	68





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,1'-Biphenyl, 4-...	14.41	2.8	ug/L	99187	3	13.57	892802	25.0