LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071918\
Data File : VW004057.D
Acq On : 20 Jul 2018 01:42
Operator : VA/AP
Sample : J4023-08
Misc : 7.51G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB1K9

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\SOM2WLM071818S.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	1.807	27	36	57	rVB	2074145	4727858	100.00%	42.378%
2	2.154	88	93	94	rBV2	2277	2692	0.06%	0.024%
3	2.349	119	125	134	rVB	58753	102282	2.16%	0.917%
4	2.630	167	171	172	rBV3	2187	3022	0.06%	0.027%
5	2.892	207	214	228	rVB	35452	88550	1.87%	0.794%
6	3.386	290	295	297	rBV2	3951	6500	0.14%	0.058%
7	3.849	366	371	373	rBV4	1453	2555	0.05%	0.023%
8	3.910	379	381	383	rBV3	398	377	0.01%	0.003%
9	4.007	386	397	409	rVV	100523	293996	6.22%	2.635%
10	4.117	411	415	422	rVV	7747	21523	0.46%	0.193%
11	4.190	423	427	439	rVB2	8769	22552	0.48%	0.202%
12	4.398	451	461	463	rBV6	1082	2804	0.06%	0.025%
13	4.483	471	475	477	rBV2	297	342	0.01%	0.003%
14	4.587	489	492	493	rBV2	454	347	0.01%	0.003%
15	4.904	533	544	557	rVV2	18640	61988	1.31%	0.556%
16	5.129	579	581	583	rVV2	363	350	0.01%	0.003%
17	5.184	586	590	593	rVB3	481	684	0.01%	0.006%
18	5.300	607	609	614	rBV3	254	431	0.01%	0.004%
19	5.434	630	631	636	rVV	365	464	0.01%	0.004%
20	5.940	704	714	725	rBV4	4168	12634	0.27%	0.113%
21	7.086	893	902	909	rBV	22409	63922	1.35%	0.573%
22	7.397	951	953	956	rBV2	287	390	0.01%	0.003%
23	7.537	970	976	984	rVB5	1111	2212	0.05%	0.020%
24	7.647	984	994	1007	rBV	165535	406757	8.60%	3.646%
25	7.763	1011	1013	1016	rBV	247	349	0.01%	0.003%
26	8.281	1088	1098	1112	rVV2	296479	883365	18.68%	7.918%
27	8.403	1116	1118	1124	rVB4	904	1403	0.03%	0.013%
28	8.568	1143	1145	1150	rVB	417	484	0.01%	0.004%
29	8.622	1150	1154	1155	rBV2	363	353	0.01%	0.003%
30	8.702	1159	1167	1172	rBV6	1179	2754	0.06%	0.025%
31	8.848	1182	1191	1201	rBV	350162	688149	14.56%	6.168%
32	8.921	1201	1203	1206	rVB4	630	662	0.01%	0.006%
33	8.988	1212	1214	1216	rBV3	431	492	0.01%	0.004%
34	9.049	1219	1224	1225	rVV3	1087	1444	0.03%	0.013%

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Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
Title : VOC Analysis

35	9.086	1225	1230	1237	rVB7	2261	5326	0.11%	0.048%
36	9.281	1253	1262	1272	rBV	228196	453851	9.60%	4.068%
37	9.464	1287	1292	1293	rVV	472	759	0.02%	0.007%
38	9.665	1320	1325	1328	rVV3	801	1318	0.03%	0.012%
39	9.762	1336	1341	1346	rBV5	2429	4635	0.10%	0.042%
40	9.897	1354	1363	1371	rVV3	5024	10685	0.23%	0.096%
41	10.037	1379	1386	1394	rBV	81077	144952	3.07%	1.299%
42	10.134	1397	1402	1409	rVB2	6569	12427	0.26%	0.111%
43	10.256	1417	1422	1425	rVB3	1366	2005	0.04%	0.018%
44	10.329	1425	1434	1442	rBV	359704	624984	13.22%	5.602%
45	10.518	1460	1465	1469	rBV5	1410	2791	0.06%	0.025%
46	10.579	1469	1475	1484	rVB	57420	97583	2.06%	0.875%
47	10.714	1492	1497	1504	rBB3	2355	4095	0.09%	0.037%
48	10.781	1504	1508	1510	rVB3	685	625	0.01%	0.006%
49	10.848	1516	1519	1522	rBV2	415	612	0.01%	0.005%
50	10.933	1525	1533	1548	rBV	78534	150464	3.18%	1.349%
51	11.098	1558	1560	1566	rVB4	1042	1517	0.03%	0.014%
52	11.183	1572	1574	1578	rBV3	437	496	0.01%	0.004%
53	11.323	1594	1597	1598	rBV2	1071	864	0.02%	0.008%
54	11.348	1599	1601	1602	rBV	923	535	0.01%	0.005%
55	11.451	1602	1618	1620	rBV3	8234	29253	0.62%	0.262%
56	11.634	1641	1648	1656	rVB	435717	734421	15.53%	6.583%
57	11.713	1659	1661	1667	rVB4	1292	2108	0.04%	0.019%
58	11.847	1677	1683	1690	rVV4	1152	2015	0.04%	0.018%
59	11.969	1699	1703	1707	rBV2	286	471	0.01%	0.004%
60	12.043	1712	1715	1716	rBV2	511	609	0.01%	0.005%
61	12.189	1716	1739	1764	rVV8	58369	315138	6.67%	2.825%
62	12.475	1778	1786	1792	rBV2	12289	21169	0.45%	0.190%
63	12.561	1798	1800	1805	rVV3	774	1167	0.02%	0.010%
64	12.616	1805	1809	1815	rVV3	3490	5310	0.11%	0.048%
65	12.701	1815	1823	1834	rVV	152952	254804	5.39%	2.284%
66	12.939	1858	1862	1866	rVV4	942	1378	0.03%	0.012%
67	13.213	1902	1907	1913	rVB4	2927	4943	0.10%	0.044%
68	13.262	1913	1915	1917	rBV2	497	576	0.01%	0.005%
69	13.475	1945	1950	1954	rBV3	5435	7920	0.17%	0.071%
70	13.567	1958	1965	1973	rVB	289771	464196	9.82%	4.161%
71	13.658	1976	1980	1983	rVB4	1035	1552	0.03%	0.014%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
Title : VOC Analysis

72	13.792	2001	2002	2006	rVV3	347	343	0.01%	0.003%
73	13.859	2006	2013	2023	rVB	226981	365558	7.73%	3.277%
74	13.951	2025	2028	2030	rVB2	382	399	0.01%	0.004%
75	14.085	2044	2050	2056	rVB2	1737	2915	0.06%	0.026%
76	14.268	2078	2080	2083	rVB3	414	570	0.01%	0.005%
77	14.323	2086	2089	2090	rBV2	607	613	0.01%	0.005%
78	14.335	2090	2091	2094	rVB3	912	730	0.02%	0.007%
79	14.512	2118	2120	2121	rBV	465	413	0.01%	0.004%
80	14.646	2140	2142	2147	rVB4	410	507	0.01%	0.005%
81	14.737	2152	2157	2162	rVB5	1099	1958	0.04%	0.018%
82	14.804	2166	2168	2171	rVB2	446	359	0.01%	0.003%
83	14.859	2173	2177	2179	rBV2	520	738	0.02%	0.007%
84	14.944	2189	2191	2194	rVB2	472	363	0.01%	0.003%
85	15.072	2211	2212	2218	rVV4	691	1106	0.02%	0.010%
86	15.261	2241	2243	2245	rBV2	297	352	0.01%	0.003%
87	15.341	2253	2256	2259	rBV3	485	713	0.02%	0.006%
88	15.469	2276	2277	2279	rVB	539	350	0.01%	0.003%
89	15.511	2282	2284	2287	rVB3	374	339	0.01%	0.003%
90	15.603	2296	2299	2301	rBV2	404	614	0.01%	0.006%
91	15.713	2315	2317	2321	rVV3	424	544	0.01%	0.005%
92	15.914	2348	2350	2352	rBV	434	454	0.01%	0.004%
93	16.066	2371	2375	2377	rBV2	597	591	0.01%	0.005%
94	16.121	2383	2384	2387	rBV2	546	564	0.01%	0.005%
95	16.152	2387	2389	2391	rVV2	487	378	0.01%	0.003%
96	16.200	2394	2397	2399	rBV3	439	412	0.01%	0.004%
97	16.243	2402	2404	2409	rVV3	474	716	0.02%	0.006%
98	16.353	2420	2422	2424	rBV3	581	438	0.01%	0.004%
99	16.450	2434	2438	2440	rBV	496	597	0.01%	0.005%
100	16.481	2440	2443	2446	rBV3	464	560	0.01%	0.005%

Sum of corrected areas: 11156435

LSC Report - Integrated Chromatogram

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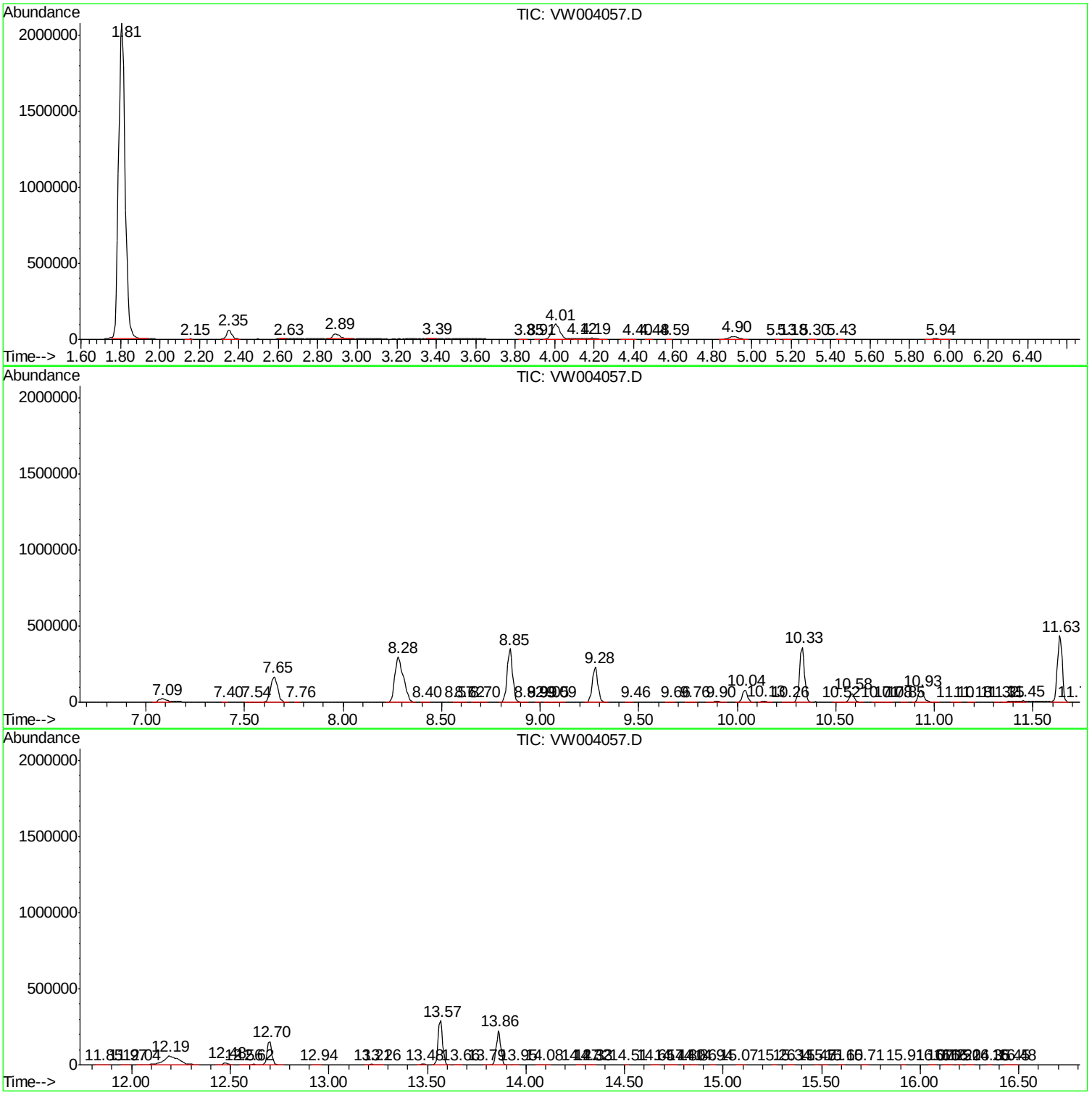
ClientSampleId : DB1K9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

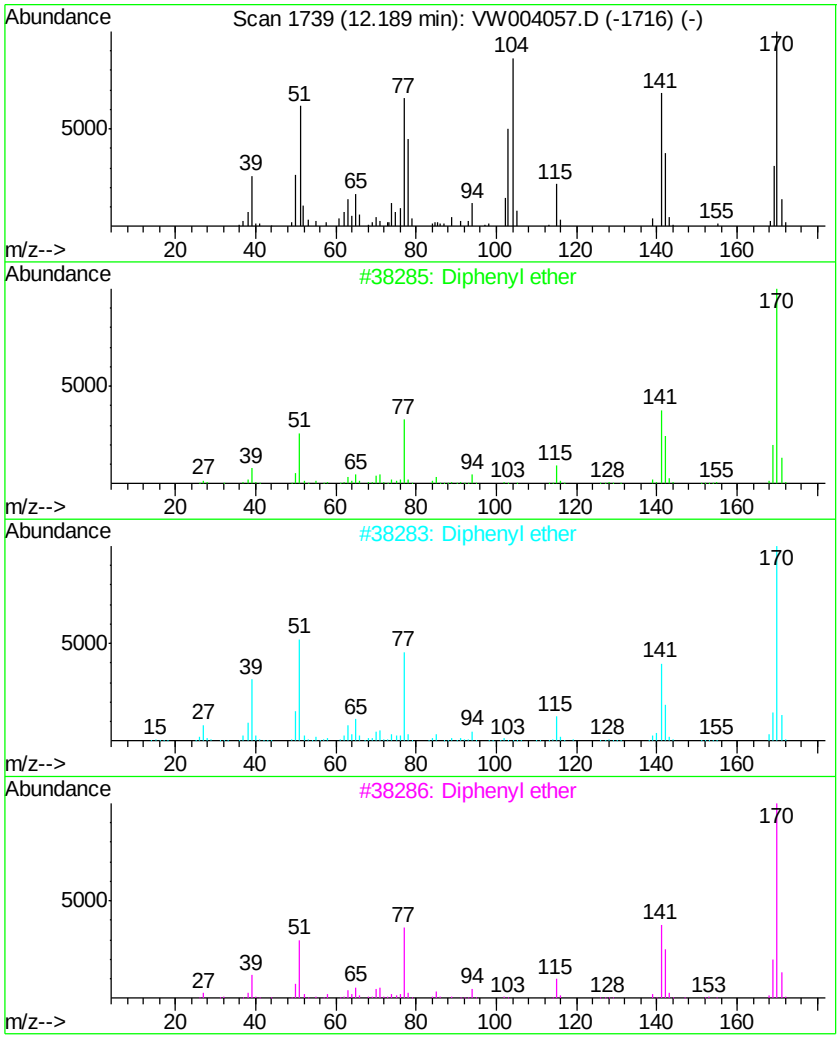
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

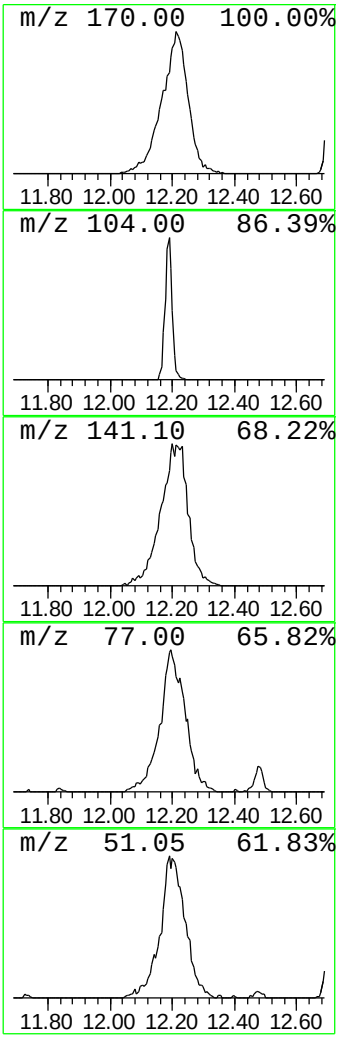
****

Peak Number 3 Diphenyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	10.73 ug/L	315138	Chlorobenzene-d5	11.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	70
2	Diphenyl ether	170	C12H10O	000101-84-8	55
3	Diphenyl ether	170	C12H10O	000101-84-8	55
4	Styrene	104	C8H8	000100-42-5	46
5	Spiro[cyclopropane-1,1'(4'H)-nap...	170	C12H10O	033498-24-7	42





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Diphenyl ether	12.19	10.7	ug/L	315138	2	11.64	734421	25.0