LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072118\
Data File : VW004119.D
Acq On : 21 Jul 2018 17:33
Operator : SY/AP
Sample : J4038-22RE
Misc : 5.81G/10ML/MSVOA W/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB1N9RE

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	1.642	7	9	12	rVB2	475	352	0.00%	0.002%
2	1.685	12	16	18	rBV2	280	497	0.01%	0.003%
3	1.746	18	26	27	rBV	11093	16247	0.17%	0.114%
4	1.807	28	36	59	rVB	4562936	9492616	100.00%	66.433%
5	2.160	88	94	100	rBV	7049	14292	0.15%	0.100%
6	2.349	119	125	133	rVB	36416	61723	0.65%	0.432%
7	2.886	208	213	225	rVB	23617	55134	0.58%	0.386%
8	3.831	364	368	369	rBV3	1005	1355	0.01%	0.009%
9	4.001	387	396	409	rVB	69979	185133	1.95%	1.296%
10	4.513	478	480	481	rBV	332	282	0.00%	0.002%
11	4.739	515	517	521	rBV	181	285	0.00%	0.002%
12	4.904	536	544	554	rBV2	4551	13711	0.14%	0.096%
13	5.129	579	581	582	rBV2	310	289	0.00%	0.002%
14	5.538	647	648	653	rVB2	506	338	0.00%	0.002%
15	5.654	664	667	668	rBV	191	219	0.00%	0.002%
16	5.708	672	676	681	rBV3	228	398	0.00%	0.003%
17	5.775	683	687	688	rBV2	756	770	0.01%	0.005%
18	5.879	702	704	705	rBV2	275	228	0.00%	0.002%
19	5.934	706	713	722	rVB6	2587	7052	0.07%	0.049%
20	6.117	739	743	747	rBV2	445	695	0.01%	0.005%
21	6.239	761	763	768	rVB2	309	330	0.00%	0.002%
22	6.342	778	780	782	rBV2	247	236	0.00%	0.002%
23	6.403	787	790	791	rBV2	181	217	0.00%	0.002%
24	6.489	800	804	807	rBV2	348	425	0.00%	0.003%
25	6.653	828	831	833	rVB2	255	279	0.00%	0.002%
26	6.684	833	836	837	rBV2	241	222	0.00%	0.002%
27	7.086	892	902	918	rBV	29754	92004	0.97%	0.644%
28	7.324	939	941	943	rBV3	267	270	0.00%	0.002%
29	7.403	953	954	957	rBV	342	283	0.00%	0.002%
30	7.653	982	995	1004	rBV	106319	261003	2.75%	1.827%
31	7.787	1014	1017	1019	rVB2	313	237	0.00%	0.002%
32	7.818	1019	1022	1025	rBV2	374	595	0.01%	0.004%
33	7.873	1027	1031	1034	rBV2	383	536	0.01%	0.004%
34	7.970	1043	1047	1048	rBV	363	375	0.00%	0.003%

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Integrator: RTE
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Peak separation: 5

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

35	8.037	1055	1058	1061	rVB2	251	333	0.00%	0.002%
36	8.281	1087	1098	1114	rBV2	184171	580024	6.11%	4.059%
37	8.391	1114	1116	1119	rBV2	411	458	0.00%	0.003%
38	8.434	1122	1123	1126	rVB	364	243	0.00%	0.002%
39	8.562	1140	1144	1148	rBV3	643	1042	0.01%	0.007%
40	8.598	1148	1150	1152	rVB	351	251	0.00%	0.002%
41	8.616	1152	1153	1156	rVB2	473	330	0.00%	0.002%
42	8.647	1156	1158	1160	rBV	245	267	0.00%	0.002%
43	8.702	1161	1167	1171	rVV5	361	642	0.01%	0.004%
44	8.732	1171	1172	1174	rVB	426	246	0.00%	0.002%
45	8.757	1174	1176	1177	rBV	323	273	0.00%	0.002%
46	8.848	1182	1191	1204	rBV	258820	510068	5.37%	3.570%
47	9.049	1219	1224	1226	rBV3	773	1620	0.02%	0.011%
48	9.135	1236	1238	1239	rBV2	272	258	0.00%	0.002%
49	9.189	1245	1247	1248	rBV	318	272	0.00%	0.002%
50	9.281	1253	1262	1271	rBV	143646	293338	3.09%	2.053%
51	9.433	1284	1287	1288	rBV2	519	410	0.00%	0.003%
52	9.653	1319	1323	1325	rBV3	639	916	0.01%	0.006%
53	9.793	1343	1346	1347	rBV2	297	318	0.00%	0.002%
54	9.848	1351	1355	1356	rBV	339	249	0.00%	0.002%
55	9.897	1361	1363	1367	rVB3	282	329	0.00%	0.002%
56	10.037	1376	1386	1395	rBV	65754	119579	1.26%	0.837%
57	10.104	1395	1397	1398	rBV2	454	438	0.00%	0.003%
58	10.128	1399	1401	1407	rVB3	1293	1932	0.02%	0.014%
59	10.189	1407	1411	1412	rBV2	274	325	0.00%	0.002%
60	10.330	1426	1434	1441	rBV	233017	407897	4.30%	2.855%
61	10.433	1449	1451	1456	rVB2	323	449	0.00%	0.003%
62	10.512	1460	1464	1466	rVV3	407	566	0.01%	0.004%
63	10.579	1469	1475	1488	rVB	48335	83919	0.88%	0.587%
64	10.665	1488	1489	1490	rBV	442	289	0.00%	0.002%
65	10.714	1492	1497	1502	rVB2	2587	4222	0.04%	0.030%
66	10.860	1518	1521	1524	rBV2	345	545	0.01%	0.004%
67	10.933	1524	1533	1544	rBV	108530	191311	2.02%	1.339%
68	11.183	1571	1574	1577	rBV2	383	435	0.00%	0.003%
69	11.238	1581	1583	1587	rBV2	205	277	0.00%	0.002%
70	11.396	1607	1609	1611	rBV2	614	718	0.01%	0.005%
71	11.634	1641	1648	1658	rBV	358132	605799	6.38%	4.240%

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

72	11.799	1673	1675	1678	rBV2	352	420	0.00%	0.003%
73	11.841	1678	1682	1685	rBV3	888	1325	0.01%	0.009%
74	12.024	1710	1712	1716	rBV3	321	465	0.00%	0.003%
75	12.085	1719	1722	1723	rBV2	748	802	0.01%	0.006%
76	12.201	1725	1741	1754	rVV7	8054	44786	0.47%	0.313%
77	12.475	1782	1786	1789	rVB2	551	665	0.01%	0.005%
78	12.567	1795	1801	1805	rVV4	2159	3683	0.04%	0.026%
79	12.616	1805	1809	1815	rVB2	5769	9514	0.10%	0.067%
80	12.701	1815	1823	1830	rBV	152706	251891	2.65%	1.763%
81	12.841	1844	1846	1847	rBV	339	278	0.00%	0.002%
82	12.933	1856	1861	1864	rVV3	2915	4924	0.05%	0.034%
83	12.975	1864	1868	1875	rVB	10377	17037	0.18%	0.119%
84	13.164	1895	1899	1900	rBV3	411	428	0.00%	0.003%
85	13.219	1904	1908	1912	rBV3	1550	2176	0.02%	0.015%
86	13.384	1930	1935	1939	rBV3	1554	2257	0.02%	0.016%
87	13.469	1946	1949	1952	rBV3	536	803	0.01%	0.006%
88	13.567	1958	1965	1976	rBV	317171	500248	5.27%	3.501%
89	13.658	1976	1980	1985	rVB2	3499	5423	0.06%	0.038%
90	13.859	2006	2013	2021	rBV	221243	369549	3.89%	2.586%
91	14.085	2046	2050	2056	rVB2	3867	6483	0.07%	0.045%
92	14.237	2070	2075	2079	rBV2	1066	1618	0.02%	0.011%
93	14.341	2089	2092	2095	rBV3	1237	1435	0.02%	0.010%
94	14.536	2114	2124	2131	rVB4	3797	7774	0.08%	0.054%
95	14.664	2141	2145	2152	rVB	12385	18081	0.19%	0.127%
96	14.737	2154	2157	2161	rVV4	2081	2818	0.03%	0.020%
97	14.804	2163	2168	2175	rBV2	6994	11079	0.12%	0.078%
98	14.963	2192	2194	2201	rVB3	500	706	0.01%	0.005%
99	15.512	2280	2284	2291	rVB4	1482	2808	0.03%	0.020%
100	15.993	2361	2363	2364	rBV	419	234	0.00%	0.002%

Sum of corrected areas: 14288926

LSC Report - Integrated Chromatogram

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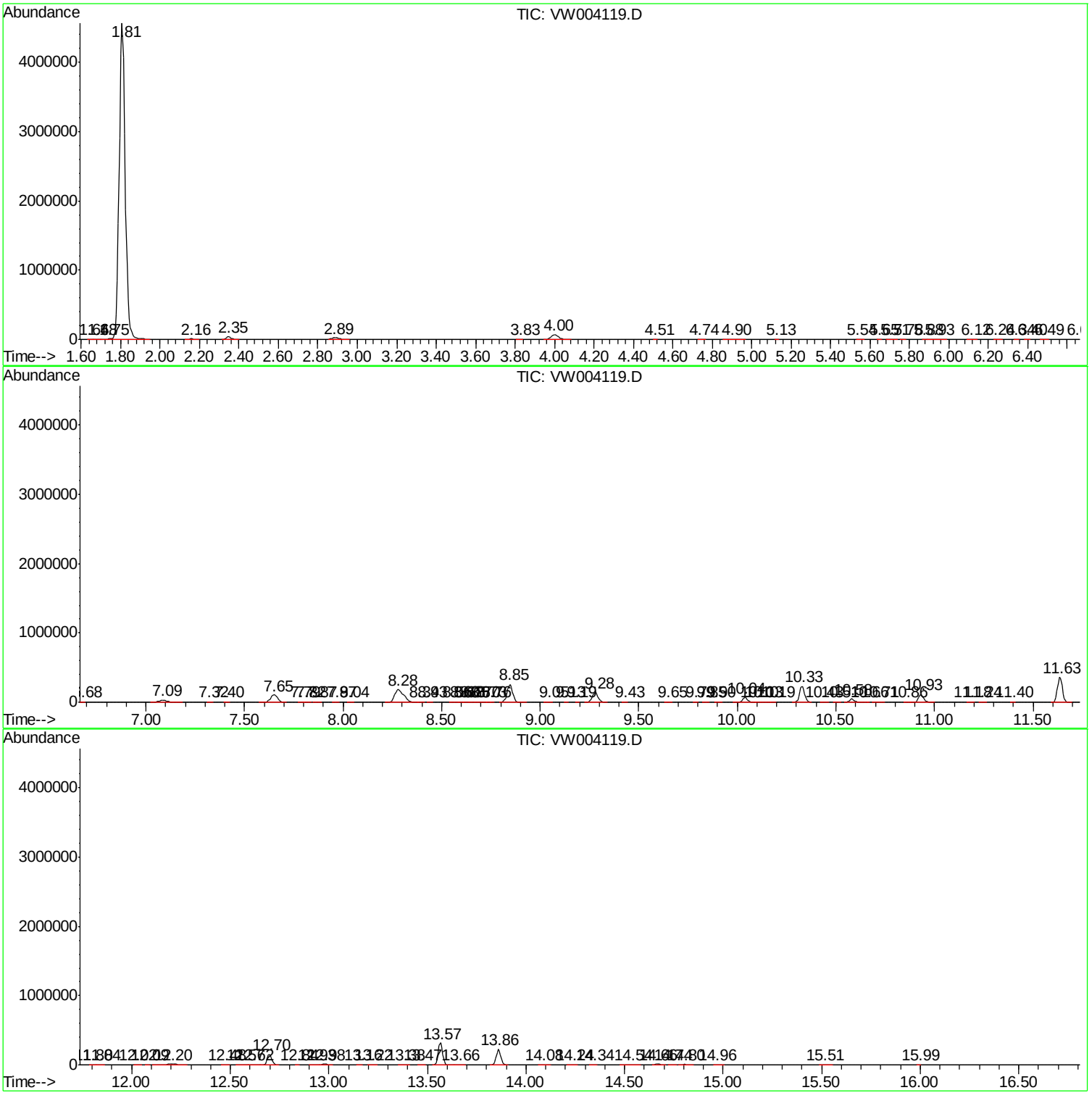
Instrument : MSVOA_W
ClientSampleId : DB1N9RE

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

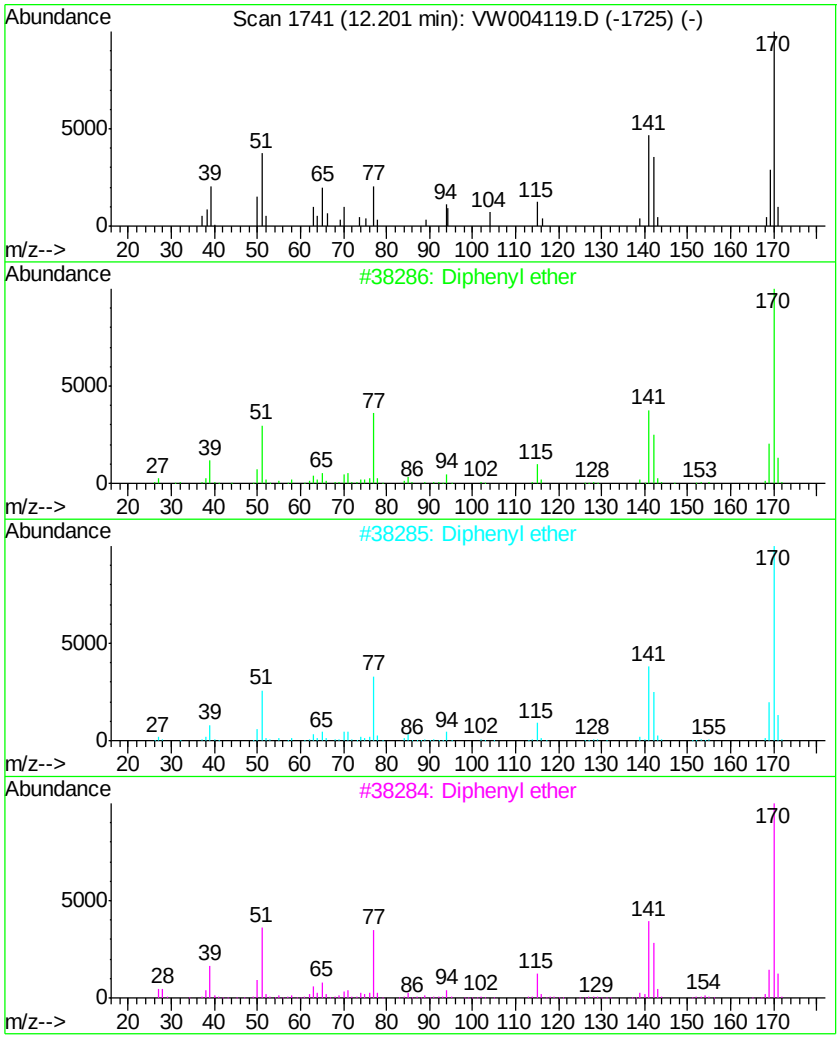
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

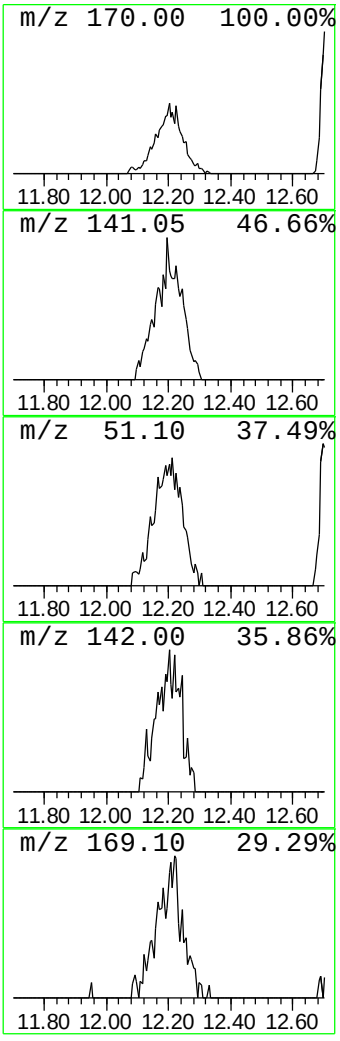
****

Peak Number 3 Diphenyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	1.85 ug/L	44786	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	62
2	Diphenyl ether	170	C12H10O	000101-84-8	62
3	Diphenyl ether	170	C12H10O	000101-84-8	62
4	Diphenyl ether	170	C12H10O	000101-84-8	52
5	1,2-Dehydro-as-hydrindacene	170	C13H14	096508-75-7	38





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	12.20	1.9	ug/L	44786	2	11.63	605799	25.0