LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072118\
Data File : VW004118.D
Acq On : 21 Jul 2018 17:07
Operator : SY/AP
Sample : J4038-21
Misc : 5.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB1N8

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	1.745	18	26	28	rBV	11467	21913	0.43%	0.193%
2	1.806	28	36	58	rVB	2241318	5047004	100.00%	44.416%
3	2.160	89	94	102	rBV	10344	21815	0.43%	0.192%
4	2.349	120	125	133	rVB	40555	70587	1.40%	0.621%
5	2.885	208	213	229	rVB	28149	72634	1.44%	0.639%
6	4.007	386	397	409	rBV2	74595	235700	4.67%	2.074%
7	4.123	410	416	427	rVB	32548	86517	1.71%	0.761%
8	4.751	514	519	521	rBV2	466	767	0.02%	0.007%
9	4.806	526	528	530	rBV2	318	255	0.01%	0.002%
10	4.909	534	545	557	rBV2	9160	32232	0.64%	0.284%
11	5.105	576	577	579	rBV2	362	244	0.00%	0.002%
12	5.251	598	601	604	rBV2	261	363	0.01%	0.003%
13	5.294	607	608	611	rVV2	399	274	0.01%	0.002%
14	5.422	623	629	632	rBV3	732	1489	0.03%	0.013%
15	5.635	661	664	667	rBV3	176	257	0.01%	0.002%
16	5.775	680	687	690	rBV5	1000	2238	0.04%	0.020%
17	5.940	707	714	721	rVB6	2996	8115	0.16%	0.071%
18	6.056	731	733	735	rBV2	212	237	0.00%	0.002%
19	6.141	745	747	748	rBV2	343	235	0.00%	0.002%
20	6.263	766	767	770	rVB	460	302	0.01%	0.003%
21	6.409	790	791	794	rVB	255	211	0.00%	0.002%
22	6.690	834	837	838	rBV	310	316	0.01%	0.003%
23	7.086	892	902	911	rBV	41866	121851	2.41%	1.072%
24	7.421	954	957	958	rBV2	333	328	0.01%	0.003%
25	7.476	965	966	968	rBV2	309	327	0.01%	0.003%
26	7.500	968	970	971	rBV2	484	480	0.01%	0.004%
27	7.653	985	995	1006	rVB	143103	344688	6.83%	3.033%
28	7.830	1021	1024	1027	rBV3	378	571	0.01%	0.005%
29	7.878	1031	1032	1034	rVB2	376	240	0.00%	0.002%
30	7.939	1039	1042	1043	rBV2	368	330	0.01%	0.003%
31	7.988	1048	1050	1052	rVV2	261	272	0.01%	0.002%
32	8.031	1055	1057	1059	rBV3	340	249	0.00%	0.002%
33	8.165	1077	1079	1081	rBV	293	293	0.01%	0.003%
34	8.281	1087	1098	1114	rBV2	256116	785265	15.56%	6.911%

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Instrument : MSVOA_W
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Peak separation: 5

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

35	8.464	1127	1128	1130	rBV2	267	239	0.00%	0.002%
36	8.525	1134	1138	1140	rVB2	399	473	0.01%	0.004%
37	8.561	1140	1144	1147	rBV4	482	818	0.02%	0.007%
38	8.610	1148	1152	1154	rVB	280	339	0.01%	0.003%
39	8.640	1154	1157	1159	rBV2	302	392	0.01%	0.003%
40	8.701	1162	1167	1169	rBV4	1116	1896	0.04%	0.017%
41	8.848	1182	1191	1206	rBV	362139	721775	14.30%	6.352%
42	9.043	1217	1223	1224	rBV2	1045	1612	0.03%	0.014%
43	9.281	1252	1262	1272	rBV	194171	394960	7.83%	3.476%
44	9.665	1321	1325	1329	rBV3	1304	1634	0.03%	0.014%
45	9.835	1351	1353	1356	rVB2	319	308	0.01%	0.003%
46	9.951	1370	1372	1377	rVV4	345	417	0.01%	0.004%
47	10.037	1378	1386	1393	rVV	88720	162159	3.21%	1.427%
48	10.110	1396	1398	1399	rVV2	692	615	0.01%	0.005%
49	10.128	1399	1401	1405	rVB2	1253	1381	0.03%	0.012%
50	10.219	1412	1416	1417	rVB2	448	501	0.01%	0.004%
51	10.329	1426	1434	1442	rBV	316244	548628	10.87%	4.828%
52	10.585	1468	1476	1483	rBV	61424	107496	2.13%	0.946%
53	10.640	1483	1485	1490	rVB3	621	645	0.01%	0.006%
54	10.713	1492	1497	1501	rBV	3272	5604	0.11%	0.049%
55	10.847	1513	1519	1521	rBV3	502	929	0.02%	0.008%
56	10.933	1525	1533	1546	rBV	145935	259113	5.13%	2.280%
57	11.073	1553	1556	1563	rVB7	1370	2610	0.05%	0.023%
58	11.183	1572	1574	1575	rVB2	434	228	0.00%	0.002%
59	11.231	1580	1582	1584	rBV	271	259	0.01%	0.002%
60	11.341	1597	1600	1601	rBV	698	725	0.01%	0.006%
61	11.634	1641	1648	1656	rVB	485549	803872	15.93%	7.074%
62	11.847	1678	1683	1688	rVB5	1917	3524	0.07%	0.031%
63	11.951	1697	1700	1702	rBV	394	473	0.01%	0.004%
64	11.981	1702	1705	1707	rBV3	278	298	0.01%	0.003%
65	12.195	1715	1740	1741	rBV2	19055	67467	1.34%	0.594%
66	12.341	1762	1764	1772	rVB4	707	1284	0.03%	0.011%
67	12.414	1774	1776	1778	rBV	434	330	0.01%	0.003%
68	12.463	1783	1784	1787	rBV2	411	551	0.01%	0.005%
69	12.567	1796	1801	1805	rBV4	2253	3552	0.07%	0.031%
70	12.615	1805	1809	1814	rVV	6862	9723	0.19%	0.086%
71	12.701	1816	1823	1831	rVB	186088	306312	6.07%	2.696%

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

72	12.774	1833	1835	1838	rBV	323	273	0.01%	0.002%
73	12.871	1849	1851	1853	rVB2	361	225	0.00%	0.002%
74	12.902	1854	1856	1857	rBV2	270	216	0.00%	0.002%
75	12.938	1859	1862	1864	rVV2	1810	2589	0.05%	0.023%
76	12.981	1864	1869	1874	rVB	15133	24322	0.48%	0.214%
77	13.054	1879	1881	1887	rBV4	588	716	0.01%	0.006%
78	13.170	1898	1900	1903	rVB	589	415	0.01%	0.004%
79	13.219	1903	1908	1913	rBV6	918	1978	0.04%	0.017%
80	13.377	1928	1934	1936	rBV3	1830	3048	0.06%	0.027%
81	13.512	1952	1956	1958	rBV2	567	596	0.01%	0.005%
82	13.566	1958	1965	1973	rVV	374028	599218	11.87%	5.273%
83	13.658	1976	1980	1987	rVB4	5482	8451	0.17%	0.074%
84	13.762	1995	1997	1998	rBV2	699	422	0.01%	0.004%
85	13.859	2006	2013	2022	rBV	250852	419106	8.30%	3.688%
86	14.079	2044	2049	2059	rVV2	4487	8751	0.17%	0.077%
87	14.268	2076	2080	2081	rVB3	475	442	0.01%	0.004%
88	14.341	2088	2092	2095	rVB5	1634	2553	0.05%	0.022%
89	14.499	2116	2118	2119	rBV2	730	563	0.01%	0.005%
90	14.536	2121	2124	2129	rVB3	4569	6135	0.12%	0.054%
91	14.627	2137	2139	2143	rBV3	782	1224	0.02%	0.011%
92	15.267	2240	2244	2250	rVV4	1348	2349	0.05%	0.021%
93	15.334	2253	2255	2257	rBV3	447	387	0.01%	0.003%
94	15.511	2279	2284	2290	rBV	1853	3432	0.07%	0.030%
95	15.572	2290	2294	2298	rVB4	1124	1541	0.03%	0.014%
96	15.755	2323	2324	2327	rVB3	449	284	0.01%	0.002%
97	15.779	2327	2328	2329	rBV	548	305	0.01%	0.003%
98	16.035	2367	2370	2371	rBV3	729	646	0.01%	0.006%
99	16.371	2423	2425	2427	rBV3	628	419	0.01%	0.004%
100	16.645	2468	2470	2474	rBV4	668	776	0.02%	0.007%

Sum of corrected areas: 11363123

LSC Report - Integrated Chromatogram

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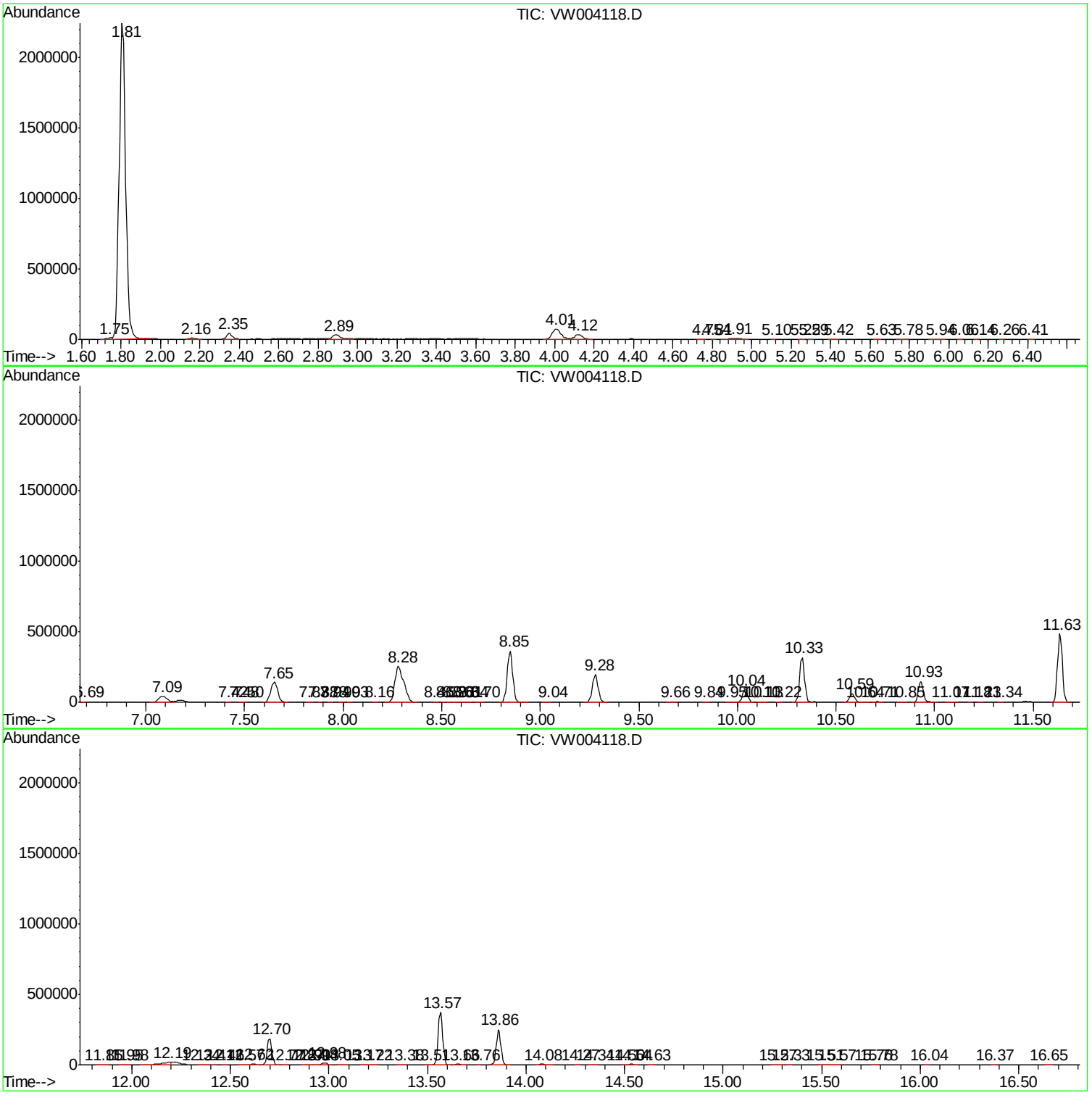
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB1N8

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072118\
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Misc : 5.23G/10ML/MSVOA W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB1N8

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

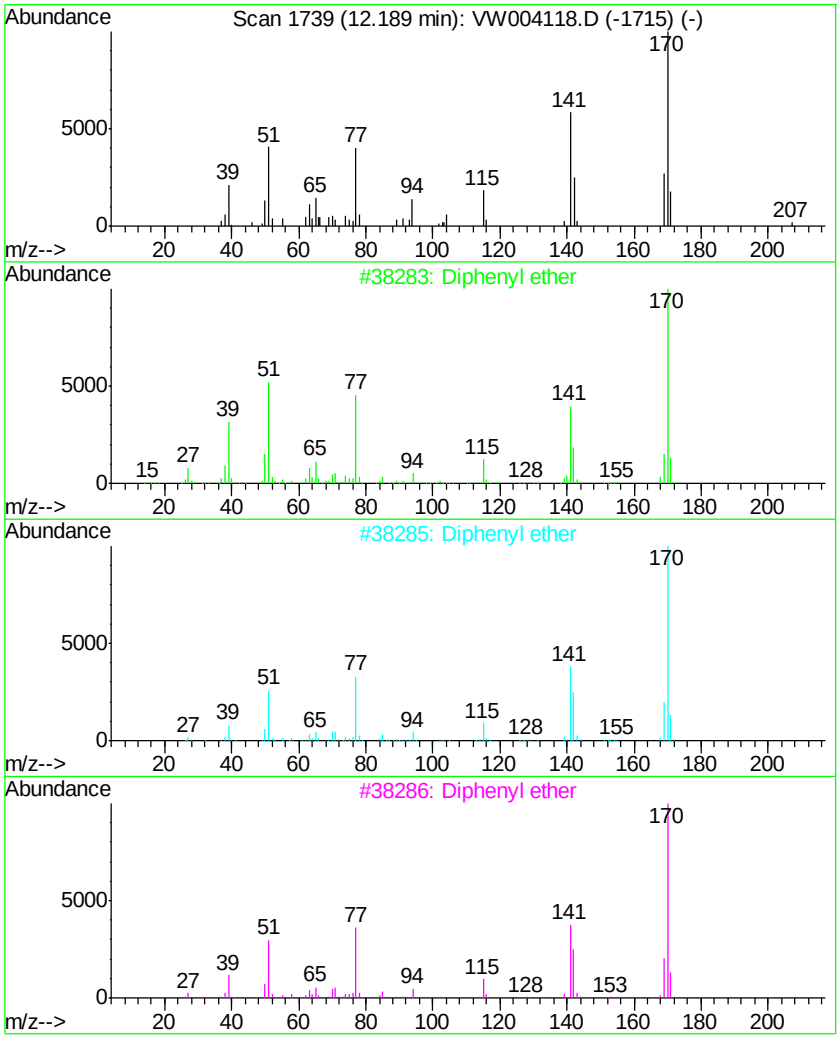
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

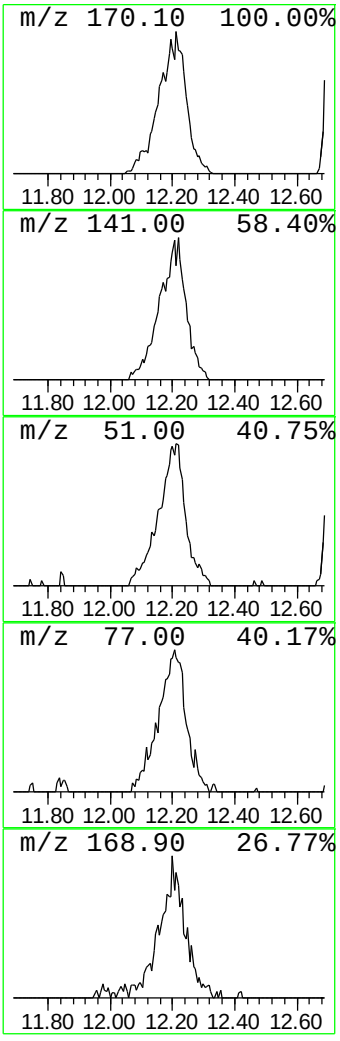
****

Peak Number 3 Diphenyl ether Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	2.10 ug/L	67467	Chlorobenzene-d5	11.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	90
2	Diphenyl ether	170	C12H10O	000101-84-8	87
3	Diphenyl ether	170	C12H10O	000101-84-8	87
4	Diphenyl ether	170	C12H10O	000101-84-8	83
5	1,2-Dehydro-as-hydrindacene	170	C13H14	096508-75-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072118\
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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
Diphenyl ether	12.19	2.1	ug/L	67467	2	11.63	803872	25.0