LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102918\
Data File : VU027853.D
Acq On : 29 Oct 2018 14:08
Operator : MD/SY
Sample : J5716-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBY1

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_U\METHOD\SOMULM102218WMA.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	1.399	64	70	83	rBV	50079	52453	13.46%	1.607%
2	1.681	150	158	176	rVB	39241	49850	12.79%	1.527%
3	2.276	331	343	353	rBV	77870	119719	30.71%	3.668%
4	2.447	387	396	411	rVB	3975	6675	1.71%	0.204%
5	2.569	430	434	436	rBV	146	110	0.03%	0.003%
6	2.617	446	449	452	rBV2	206	155	0.04%	0.005%
7	2.839	514	518	519	rBV2	259	190	0.05%	0.006%
8	2.990	560	565	570	rVB	163	173	0.04%	0.005%
9	3.106	594	601	605	rBV	105	137	0.04%	0.004%
10	3.283	652	656	658	rBV	106	83	0.02%	0.003%
11	3.411	692	696	703	rVB	140	127	0.03%	0.004%
12	3.595	748	753	756	rBV	153	205	0.05%	0.006%
13	3.710	785	789	792	rVB	166	164	0.04%	0.005%
14	3.730	792	795	796	rBV	175	123	0.03%	0.004%
15	4.180	922	935	960	rBV	38250	100002	25.65%	3.064%
16	4.402	1002	1004	1006	rBV	167	68	0.02%	0.002%
17	4.418	1006	1009	1012	rBV	171	98	0.03%	0.003%
18	4.652	1066	1082	1105	rBV2	62972	147855	37.93%	4.530%
19	4.765	1115	1117	1118	rBV	115	63	0.02%	0.002%
20	4.787	1119	1124	1126	rVV2	164	149	0.04%	0.005%
21	4.887	1148	1155	1159	rBV2	280	514	0.13%	0.016%
22	5.099	1217	1221	1226	rBV	79	68	0.02%	0.002%
23	5.151	1233	1237	1240	rBV	152	177	0.05%	0.005%
24	5.228	1258	1261	1267	rBB	219	269	0.07%	0.008%
25	5.260	1268	1271	1272	rBV	159	113	0.03%	0.003%
26	5.344	1272	1297	1325	rVV3	132010	389805	100.00%	11.942%
27	5.508	1345	1348	1354	rBV	156	244	0.06%	0.007%
28	5.691	1399	1405	1408	rBV	199	266	0.07%	0.008%
29	5.768	1426	1429	1432	rBV	186	185	0.05%	0.006%
30	5.887	1453	1466	1492	rBV	141301	277975	71.31%	8.516%
31	6.003	1501	1502	1506	rVB	151	103	0.03%	0.003%
32	6.103	1530	1533	1537	rBV	162	182	0.05%	0.006%
33	6.209	1562	1566	1569	rBV	104	95	0.02%	0.003%
34	6.254	1576	1580	1585	rBB	172	222	0.06%	0.007%

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Sample : J5716-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBY1

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_U\METHOD\SOMULM102218WMA.M
Title : VOC Analysis

35	6.279	1586	1588	1591	rBV	139	121	0.03%	0.004%
36	6.334	1591	1605	1624	rVV	90169	177993	45.66%	5.453%
37	6.543	1667	1670	1672	rBV	98	69	0.02%	0.002%
38	6.865	1763	1770	1781	rVB4	1177	2150	0.55%	0.066%
39	6.906	1782	1783	1786	rBV	237	129	0.03%	0.004%
40	6.987	1803	1808	1810	rBV	163	190	0.05%	0.006%
41	7.022	1817	1819	1822	rBV	162	130	0.03%	0.004%
42	7.041	1822	1825	1830	rVV	161	159	0.04%	0.005%
43	7.228	1871	1883	1902	rBV	51632	92134	23.64%	2.823%
44	7.395	1928	1935	1941	rVB2	536	722	0.19%	0.022%
45	7.430	1941	1946	1949	rBV	164	217	0.06%	0.007%
46	7.466	1954	1957	1960	rBV	176	158	0.04%	0.005%
47	7.565	1975	1988	2005	rBV	176309	305679	78.42%	9.365%
48	7.649	2012	2014	2017	rBV2	186	95	0.02%	0.003%
49	7.688	2024	2026	2027	rBV2	179	76	0.02%	0.002%
50	7.739	2039	2042	2048	rVB	243	282	0.07%	0.009%
51	7.781	2048	2055	2060	rBB	167	308	0.08%	0.009%
52	7.807	2061	2063	2065	rBV	133	92	0.02%	0.003%
53	7.852	2066	2077	2092	rBV	36630	61637	15.81%	1.888%
54	7.938	2102	2104	2107	rBV	190	149	0.04%	0.005%
55	7.955	2107	2109	2111	rVB	134	67	0.02%	0.002%
56	8.032	2130	2133	2139	rVB2	255	285	0.07%	0.009%
57	8.183	2167	2180	2192	rBV2	24846	56237	14.43%	1.723%
58	8.311	2211	2220	2256	rVB	135853	238205	61.11%	7.298%
59	8.562	2295	2298	2302	rVB	136	104	0.03%	0.003%
60	8.749	2354	2356	2358	rVB	136	71	0.02%	0.002%
61	8.800	2370	2372	2376	rVB2	168	111	0.03%	0.003%
62	8.832	2379	2382	2384	rVB2	233	113	0.03%	0.003%
63	8.845	2384	2386	2390	rBV	128	72	0.02%	0.002%
64	8.861	2390	2391	2393	rBV	194	64	0.02%	0.002%
65	8.881	2394	2397	2402	rVB2	285	231	0.06%	0.007%
66	8.916	2404	2408	2410	rBV	240	193	0.05%	0.006%
67	8.948	2414	2418	2419	rBV	216	138	0.04%	0.004%
68	8.996	2431	2433	2436	rBV	215	90	0.02%	0.003%
69	9.041	2445	2447	2448	rBV	232	93	0.02%	0.003%
70	9.090	2450	2462	2477	rVV	208718	340347	87.31%	10.427%
71	10.019	2747	2751	2753	rVV2	260	176	0.05%	0.005%

LSC Area Percent Report

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Data File : VU027853.D
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Operator : MD/SY
Sample : J5716-12
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBY1

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_U\METHOD\SOMULM102218WMA.M
Title : VOC Analysis

72	10.032	2753	2755	2757	rVV2	215	118	0.03%	0.004%
73	10.048	2757	2760	2764	rVB	282	210	0.05%	0.006%
74	10.070	2764	2767	2769	rBV	156	106	0.03%	0.003%
75	10.109	2777	2779	2782	rBV2	152	88	0.02%	0.003%
76	10.434	2868	2880	2900	rVB	114570	183563	47.09%	5.624%
77	10.614	2925	2936	2950	rVB3	8548	17204	4.41%	0.527%
78	10.668	2950	2953	2955	rBV	113	66	0.02%	0.002%
79	10.877	3011	3018	3023	rBV	822	947	0.24%	0.029%
80	11.138	3096	3099	3100	rBV	118	64	0.02%	0.002%
81	11.295	3145	3148	3151	rBV	100	68	0.02%	0.002%
82	11.485	3195	3207	3226	rBV	195996	310772	79.72%	9.521%
83	11.610	3242	3246	3248	rBV	156	150	0.04%	0.005%
84	11.752	3287	3290	3291	rBV	380	192	0.05%	0.006%
85	11.861	3312	3324	3342	rBV	166099	263553	67.61%	8.074%
86	12.019	3370	3373	3376	rBV	123	94	0.02%	0.003%
87	12.167	3416	3419	3421	rBV3	841	622	0.16%	0.019%
88	12.186	3421	3425	3426	rBV2	1289	859	0.22%	0.026%
89	12.678	3574	3578	3581	rBV2	210	184	0.05%	0.006%
90	12.694	3581	3583	3588	rVB	242	159	0.04%	0.005%
91	12.742	3596	3598	3601	rBV	138	110	0.03%	0.003%
92	13.170	3729	3731	3732	rBV	201	92	0.02%	0.003%
93	14.073	4009	4012	4015	rVB2	196	129	0.03%	0.004%
94	14.131	4028	4030	4031	rBV	176	75	0.02%	0.002%
95	14.166	4039	4041	4044	rBV	199	139	0.04%	0.004%
96	14.340	4092	4095	4097	rBV	178	108	0.03%	0.003%
97	14.597	4148	4175	4178	rBV5	17154	45837	11.76%	1.404%
98	14.929	4276	4278	4279	rBV5	233	89	0.02%	0.003%
99	15.678	4500	4511	4524	rBV6	2190	5888	1.51%	0.180%
100	15.880	4566	4574	4582	rBV	3341	4869	1.25%	0.149%

Sum of corrected areas: 3264059

LSC Report - Integrated Chromatogram

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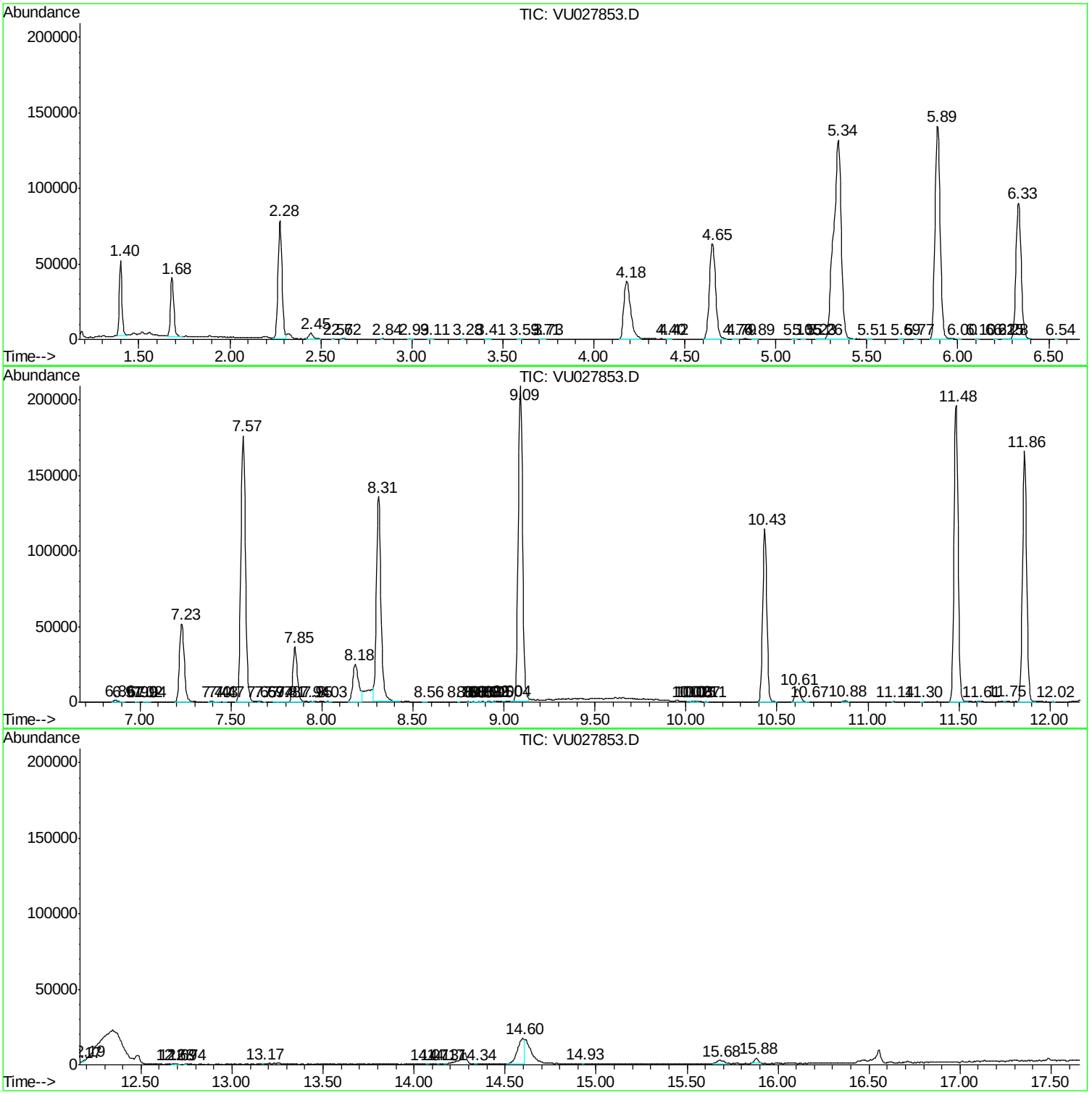
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBY1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.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_U\DATA\VU102918\
Data File : VU027853.D
Acq On : 29 Oct 2018 14:08
Operator : MD/SY
Sample : J5716-12
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBY1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
Quant Title : VOC Analysis

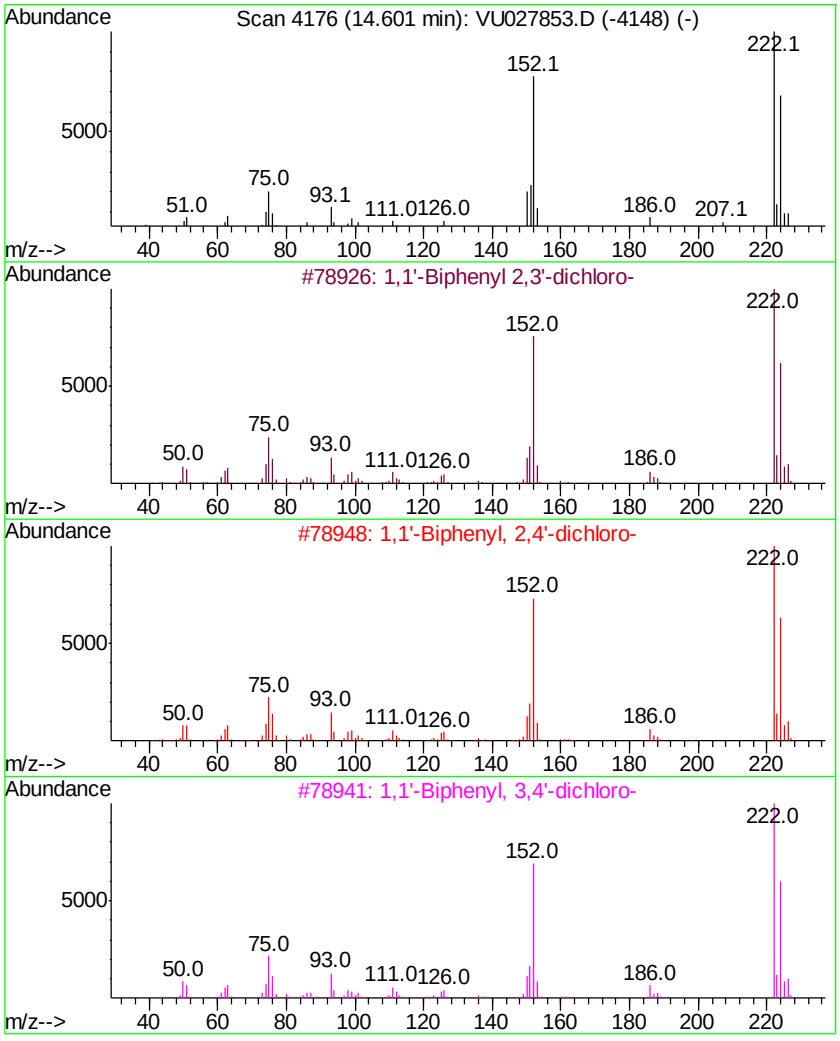
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

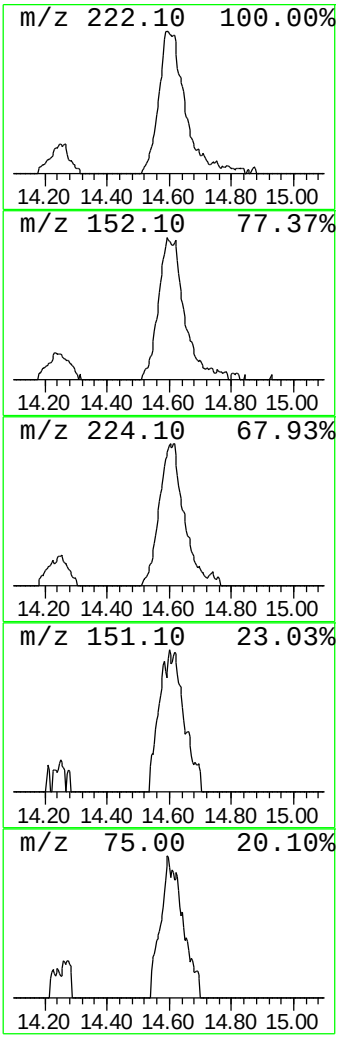
****

Peak Number 4 1,1'-Biphenyl 2,3'-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	7.37 ug/L	45837	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl 2,3'-dichloro-	222	C12H8Cl2	025569-80-6	98
2	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98
3	1,1'-Biphenyl, 3,4'-dichloro-	222	C12H8Cl2	002974-90-5	98
4	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	98
5	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	98





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102918\
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
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 2,3...	14.60	7.4	ug/L	45837	3	11.48	310772	50.0