LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102918\
Data File : VU027860.D
Acq On : 29 Oct 2018 16:50
Operator : MD/SY
Sample : J5716-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBW1

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	1.398	64	70	85	rBV	48483	50059	12.79%	1.600%
2	1.681	150	158	173	rVB	37544	47579	12.16%	1.521%
3	2.276	332	343	354	rBV	80233	121636	31.08%	3.889%
4	2.447	387	396	406	rBV2	4171	6834	1.75%	0.218%
5	2.842	514	519	521	rBV2	344	317	0.08%	0.010%
6	2.929	543	546	548	rBV	143	93	0.02%	0.003%
7	3.038	578	580	585	rVB	138	106	0.03%	0.003%
8	3.427	699	701	703	rBV2	151	83	0.02%	0.003%
9	3.501	721	724	728	rVB	118	85	0.02%	0.003%
10	3.723	787	793	796	rBV	184	258	0.07%	0.008%
11	4.180	921	935	961	rBV	39416	104387	26.67%	3.337%
12	4.398	1000	1003	1005	rBV3	240	149	0.04%	0.005%
13	4.652	1065	1082	1106	rBV2	65171	150747	38.51%	4.819%
14	4.768	1115	1118	1120	rBV	168	116	0.03%	0.004%
15	4.810	1127	1131	1133	rBV	277	212	0.05%	0.007%
16	4.868	1146	1149	1152	rVB2	171	116	0.03%	0.004%
17	4.890	1152	1156	1162	rVB2	321	280	0.07%	0.009%
18	4.922	1163	1166	1168	rBV	185	115	0.03%	0.004%
19	5.051	1203	1206	1209	rBB	140	124	0.03%	0.004%
20	5.096	1214	1220	1225	rBV	219	354	0.09%	0.011%
21	5.212	1252	1256	1259	rBV	170	193	0.05%	0.006%
22	5.247	1265	1267	1270	rBV	158	136	0.03%	0.004%
23	5.344	1273	1297	1317	rVV3	130778	391409	100.00%	12.513%
24	5.582	1368	1371	1374	rBV	169	159	0.04%	0.005%
25	5.672	1393	1399	1403	rBV	112	118	0.03%	0.004%
26	5.800	1436	1439	1442	rBV2	161	123	0.03%	0.004%
27	5.887	1452	1466	1497	rBV	126797	247377	63.20%	7.909%
28	6.070	1521	1523	1527	rVB	218	170	0.04%	0.005%
29	6.099	1528	1532	1534	rBV	145	149	0.04%	0.005%
30	6.125	1537	1540	1542	rBV	141	123	0.03%	0.004%
31	6.176	1551	1556	1557	rBV	163	169	0.04%	0.005%
32	6.192	1557	1561	1567	rVB2	306	318	0.08%	0.010%
33	6.241	1573	1576	1577	rBV	152	107	0.03%	0.003%
34	6.279	1586	1588	1591	rBV	118	110	0.03%	0.004%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBW1

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	6.334	1591	1605	1633	rVB	91713	183808	46.96%	5.876%
36	6.466	1643	1646	1650	rVB	200	116	0.03%	0.004%
37	6.704	1717	1720	1725	rBV	82	101	0.03%	0.003%
38	6.864	1763	1770	1777	rBV3	799	1334	0.34%	0.043%
39	6.951	1794	1797	1799	rBV	172	129	0.03%	0.004%
40	6.996	1805	1811	1819	rBV	195	407	0.10%	0.013%
41	7.135	1849	1854	1859	rVB	119	110	0.03%	0.004%
42	7.228	1871	1883	1900	rBV	51816	92251	23.57%	2.949%
43	7.382	1927	1931	1933	rBV	290	211	0.05%	0.007%
44	7.475	1957	1960	1964	rBV	214	252	0.06%	0.008%
45	7.565	1975	1988	2008	rBV	174733	305365	78.02%	9.762%
46	7.852	2066	2077	2095	rBV	36696	60986	15.58%	1.950%
47	7.951	2103	2108	2110	rBV2	239	224	0.06%	0.007%
48	8.016	2124	2128	2130	rVB	143	104	0.03%	0.003%
49	8.183	2167	2180	2190	rBV	16536	36765	9.39%	1.175%
50	8.311	2210	2220	2248	rVB	139377	237219	60.61%	7.584%
51	8.511	2280	2282	2286	rBV	153	78	0.02%	0.002%
52	8.755	2351	2358	2361	rBV	225	330	0.08%	0.011%
53	9.089	2450	2462	2480	rBV	183642	298484	76.26%	9.542%
54	9.244	2506	2510	2512	rBV	143	131	0.03%	0.004%
55	9.260	2512	2515	2519	rBB	169	133	0.03%	0.004%
56	9.286	2521	2523	2526	rVB	200	100	0.03%	0.003%
57	9.305	2526	2529	2532	rBV	214	150	0.04%	0.005%
58	9.321	2532	2534	2537	rVB	189	90	0.02%	0.003%
59	9.340	2537	2540	2543	rBV2	206	184	0.05%	0.006%
60	9.392	2554	2556	2559	rBV	200	114	0.03%	0.004%
61	9.437	2566	2570	2574	rBV3	324	295	0.08%	0.009%
62	9.466	2576	2579	2580	rBV	192	112	0.03%	0.004%
63	9.614	2620	2625	2627	rBV2	220	201	0.05%	0.006%
64	9.678	2643	2645	2648	rBV2	166	102	0.03%	0.003%
65	9.697	2648	2651	2655	rVV2	186	181	0.05%	0.006%
66	9.842	2692	2696	2699	rBV	265	199	0.05%	0.006%
67	9.890	2709	2711	2716	rVB	225	129	0.03%	0.004%
68	9.919	2716	2720	2724	rBV	159	123	0.03%	0.004%
69	10.128	2779	2785	2789	rBV	117	155	0.04%	0.005%
70	10.266	2825	2828	2836	rBV	101	108	0.03%	0.003%
71	10.433	2867	2880	2895	rBV	115240	184232	47.07%	5.890%

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Instrument : MSVOA_U
ClientSampleId : ETBW1

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	10.613	2926	2936	2949	rBV	6156	11143	2.85%	0.356%
73	10.765	2981	2983	2991	rVB	97	106	0.03%	0.003%
74	10.829	3000	3003	3007	rBV	128	119	0.03%	0.004%
75	10.877	3011	3018	3026	rVB3	503	761	0.19%	0.024%
76	11.006	3053	3058	3059	rBV	91	89	0.02%	0.003%
77	11.482	3195	3206	3232	rVB	173240	269951	68.97%	8.630%
78	11.610	3244	3246	3249	rBV	184	102	0.03%	0.003%
79	11.745	3286	3288	3289	rBV	243	81	0.02%	0.003%
80	11.758	3289	3292	3296	rVB	339	281	0.07%	0.009%
81	11.861	3312	3324	3341	rBV	164027	263422	67.30%	8.421%
82	11.932	3344	3346	3352	rVB3	206	171	0.04%	0.005%
83	11.996	3362	3366	3369	rBV	137	129	0.03%	0.004%
84	12.189	3419	3426	3429	rBV2	222	303	0.08%	0.010%
85	12.694	3580	3583	3586	rBV	197	162	0.04%	0.005%
86	12.851	3629	3632	3636	rBV	296	275	0.07%	0.009%
87	12.877	3638	3640	3643	rVB	236	131	0.03%	0.004%
88	13.697	3891	3895	3899	rBV2	189	210	0.05%	0.007%
89	13.819	3930	3933	3934	rBV2	168	79	0.02%	0.003%
90	13.880	3949	3952	3958	rBV	191	159	0.04%	0.005%
91	14.195	4048	4050	4051	rBV2	309	115	0.03%	0.004%
92	14.208	4051	4054	4055	rBV	424	196	0.05%	0.006%
93	14.279	4069	4076	4087	rVB2	4247	7739	1.98%	0.247%
94	14.391	4107	4111	4117	rBV2	210	242	0.06%	0.008%
95	14.430	4119	4123	4127	rVB2	354	361	0.09%	0.012%
96	14.507	4145	4147	4153	rBV2	200	164	0.04%	0.005%
97	14.613	4153	4180	4198	rBV6	8015	34462	8.80%	1.102%
98	15.883	4566	4575	4589	rVB3	2359	4293	1.10%	0.137%
99	16.440	4746	4748	4749	rBV2	944	461	0.12%	0.015%
100	16.523	4766	4774	4776	rBV7	2235	2943	0.75%	0.094%

Sum of corrected areas: 3127974

LSC Report - Integrated Chromatogram

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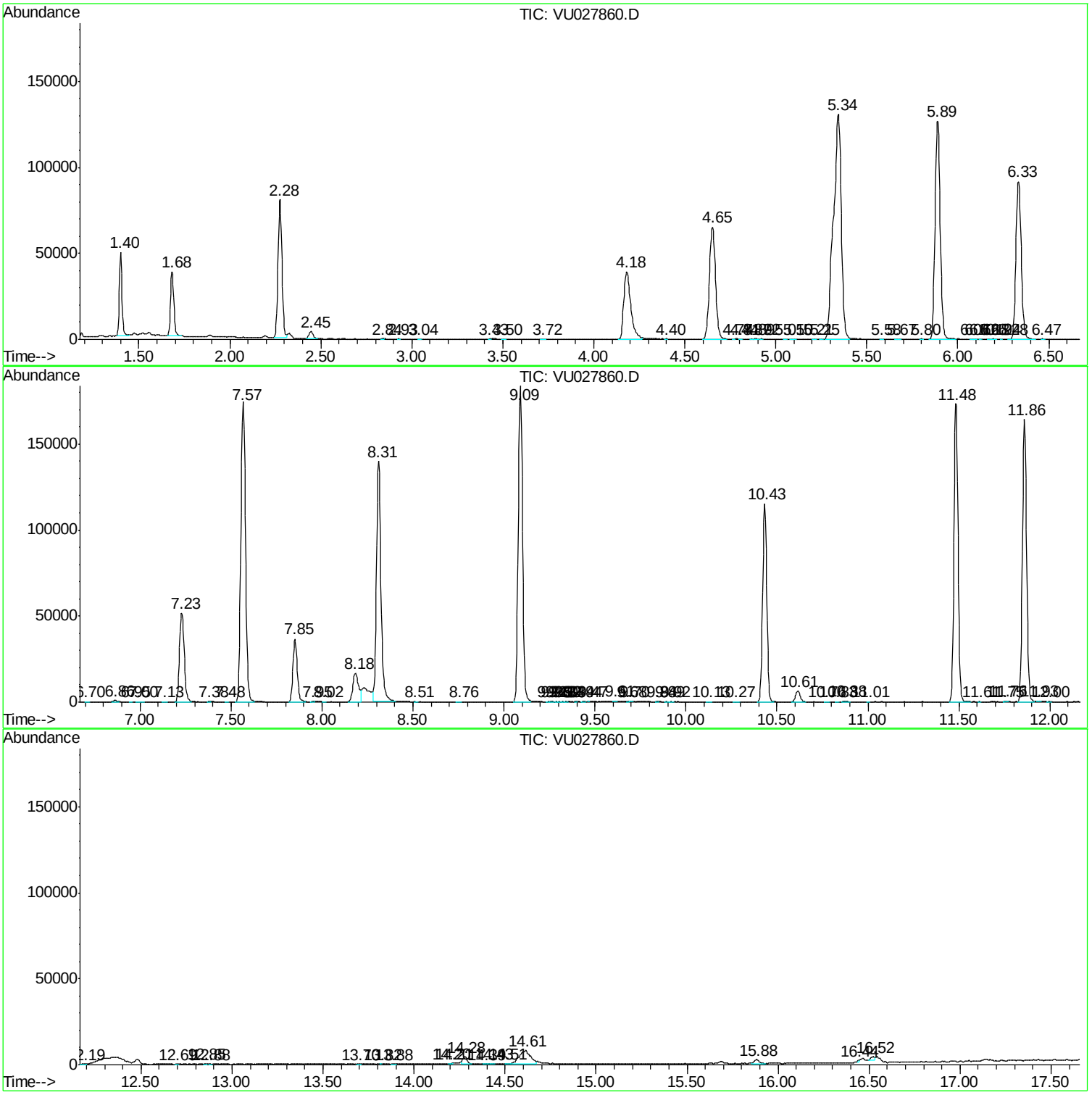
Instrument : MSVOA_U
ClientSampleId : ETBW1

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 : VU027860.D
Acq On : 29 Oct 2018 16:50
Operator : MD/SY
Sample : J5716-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ETBW1

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

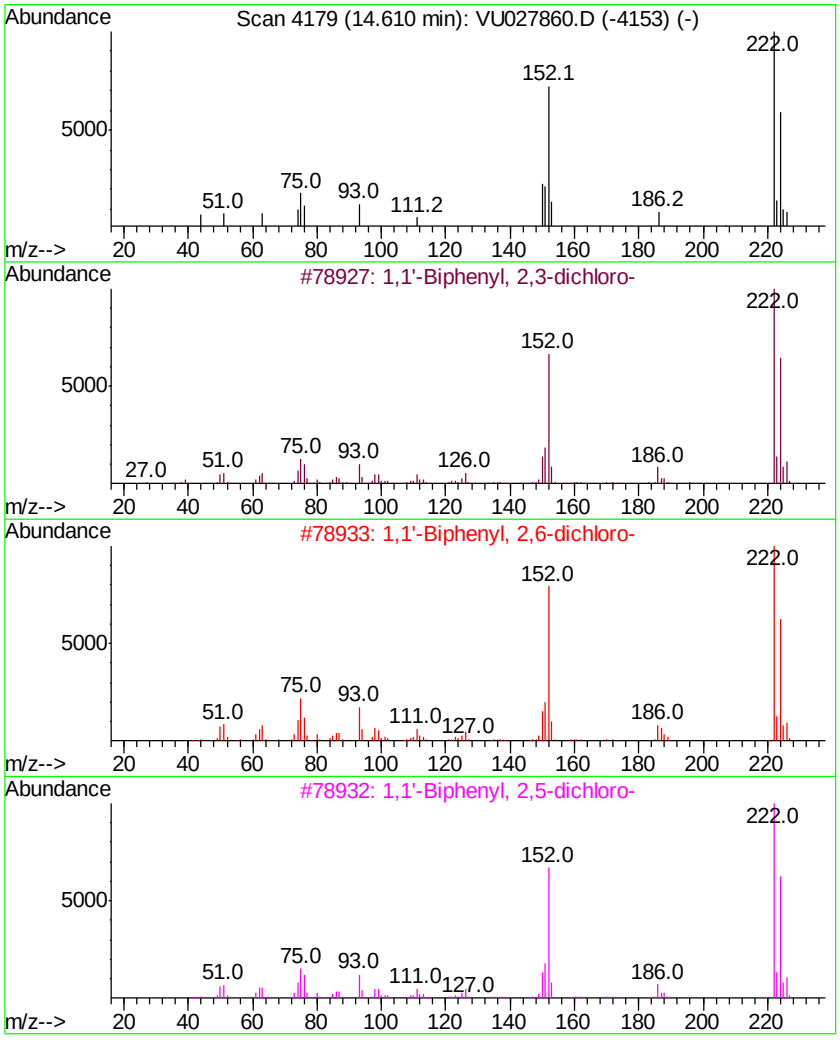
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

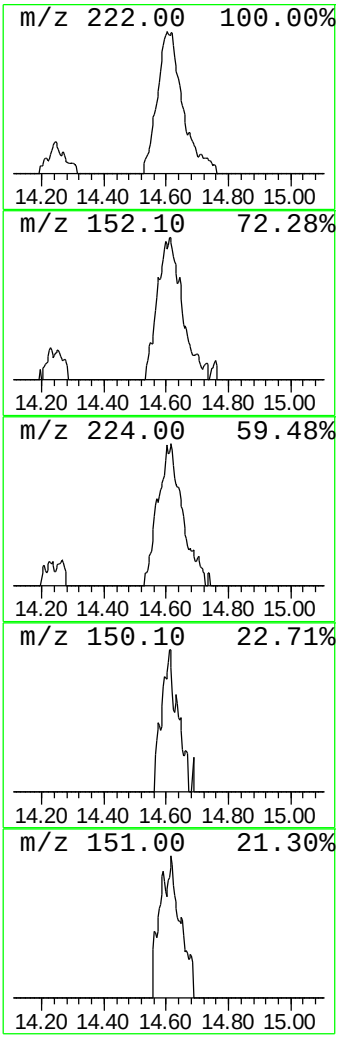
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.61	6.38 ug/L	34462	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	97
2	1,1'-Biphenyl, 2,6-dichloro-	222	C12H8Cl2	033146-45-1	97
3	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	97
4	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	96
5	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	96





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, 2,...	14.61	6.4	ug/L	34462	3	11.48	269951	50.0