LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102618\
Data File : VW006363.D
Acq On : 25 Oct 2018 14:39
Operator : SY/AP
Sample : J5657-03
Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A40K1

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\SOM2WLM100918S.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	2.154	39	41	44	rBV2	799	798	0.04%	0.007%
2	2.361	68	75	84	rBV	56704	118749	5.39%	1.086%
3	2.898	155	163	180	rVB	48281	130564	5.92%	1.194%
4	3.855	314	320	330	rVB5	1438	4102	0.19%	0.038%
5	4.013	336	346	359	rBV	114538	329113	14.93%	3.009%
6	4.141	361	367	377	rVB	7644	22203	1.01%	0.203%
7	4.409	409	411	414	rBV3	380	352	0.02%	0.003%
8	4.434	414	415	416	rBV	403	207	0.01%	0.002%
9	4.464	418	420	423	rVB2	402	514	0.02%	0.005%
10	4.598	439	442	443	rVV3	333	282	0.01%	0.003%
11	4.617	443	445	449	rVV3	343	473	0.02%	0.004%
12	4.909	483	493	505	rBV4	4857	15873	0.72%	0.145%
13	5.208	540	542	546	rVB3	192	227	0.01%	0.002%
14	5.513	589	592	593	rBV	245	201	0.01%	0.002%
15	5.665	614	617	619	rVB3	218	238	0.01%	0.002%
16	5.885	651	653	654	rVV2	262	187	0.01%	0.002%
17	5.940	657	662	668	rVV5	895	1911	0.09%	0.017%
18	6.110	687	690	691	rBV2	371	305	0.01%	0.003%
19	6.354	726	730	733	rBV2	173	224	0.01%	0.002%
20	6.446	744	745	747	rBV2	223	188	0.01%	0.002%
21	6.610	770	772	777	rVB2	216	305	0.01%	0.003%
22	6.805	802	804	808	rVB3	145	190	0.01%	0.002%
23	6.879	813	816	818	rBV2	301	242	0.01%	0.002%
24	7.092	840	851	859	rBV	32099	93652	4.25%	0.856%
25	7.299	883	885	889	rVB2	325	229	0.01%	0.002%
26	7.415	901	904	905	rBV2	172	206	0.01%	0.002%
27	7.439	905	908	911	rBV3	242	314	0.01%	0.003%
28	7.537	921	924	925	rBV2	501	551	0.02%	0.005%
29	7.653	933	943	957	rVV	174791	425881	19.32%	3.894%
30	7.939	988	990	992	rBV2	220	188	0.01%	0.002%
31	8.141	1020	1023	1024	rVB	276	212	0.01%	0.002%
32	8.281	1036	1046	1062	rBV2	327018	991200	44.96%	9.064%
33	8.397	1064	1065	1068	rVV2	354	296	0.01%	0.003%
34	8.500	1080	1082	1083	rBV2	256	203	0.01%	0.002%

LSC Area Percent Report

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Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A40K1

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\SOM2WLM100918S.M
Title : VOC Analysis

35	8.537	1086	1088	1089	rBV	244	186	0.01%	0.002%
36	8.634	1100	1104	1105	rBV2	263	362	0.02%	0.003%
37	8.714	1111	1117	1125	rVB4	1865	4092	0.19%	0.037%
38	8.848	1130	1139	1149	rBV	418425	818462	37.13%	7.484%
39	9.006	1164	1165	1167	rVB	393	193	0.01%	0.002%
40	9.073	1167	1176	1181	rBV5	1341	4012	0.18%	0.037%
41	9.281	1200	1210	1219	rBV	227199	458390	20.79%	4.192%
42	9.427	1232	1234	1237	rBV3	199	253	0.01%	0.002%
43	9.518	1245	1249	1251	rBV2	303	260	0.01%	0.002%
44	9.671	1267	1274	1278	rVB4	1537	2880	0.13%	0.026%
45	9.713	1278	1281	1285	rBV3	265	330	0.01%	0.003%
46	9.799	1293	1295	1300	rBB3	216	296	0.01%	0.003%
47	9.909	1312	1313	1316	rBV	192	203	0.01%	0.002%
48	10.037	1326	1334	1344	rBV	116501	209252	9.49%	1.913%
49	10.116	1344	1347	1348	rBV3	693	681	0.03%	0.006%
50	10.177	1353	1357	1360	rBV2	157	213	0.01%	0.002%
51	10.250	1367	1369	1372	rBV2	198	261	0.01%	0.002%
52	10.329	1372	1382	1389	rBV	480220	857310	38.89%	7.839%
53	10.390	1389	1392	1398	rVB	3378	5483	0.25%	0.050%
54	10.500	1409	1410	1414	rVB	392	362	0.02%	0.003%
55	10.579	1416	1423	1432	rBV	74205	128530	5.83%	1.175%
56	10.713	1439	1445	1450	rBV	3621	6193	0.28%	0.057%
57	10.866	1467	1470	1473	rBV2	264	231	0.01%	0.002%
58	10.927	1473	1480	1492	rBV	125035	215470	9.77%	1.970%
59	11.073	1501	1504	1506	rBV4	773	956	0.04%	0.009%
60	11.152	1515	1517	1521	rVB	385	303	0.01%	0.003%
61	11.201	1521	1525	1527	rBV2	245	275	0.01%	0.003%
62	11.414	1555	1560	1563	rBV4	549	1118	0.05%	0.010%
63	11.463	1563	1568	1573	rVV5	693	1556	0.07%	0.014%
64	11.634	1588	1596	1607	rBV	546708	933357	42.34%	8.535%
65	11.719	1607	1610	1613	rVB	1572	2333	0.11%	0.021%
66	11.774	1618	1619	1621	rBV2	775	594	0.03%	0.005%
67	12.243	1695	1696	1698	rVV	389	186	0.01%	0.002%
68	12.371	1715	1717	1718	rBV2	600	553	0.03%	0.005%
69	12.384	1718	1719	1721	rBV2	317	312	0.01%	0.003%
70	12.701	1722	1771	1775	rBV	457051	2204463	100.00%	20.158%
71	13.505	1896	1903	1906	rBV5	3783	7482	0.34%	0.068%

LSC Area Percent Report

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Misc : 5.96G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A40K1

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\SOM2WLM100918S.M
Title : VOC Analysis

72	13.566	1906	1913	1925	rVV	527569	897051	40.69%	8.203%
73	13.652	1925	1927	1933	rVB3	3534	5269	0.24%	0.048%
74	13.701	1933	1935	1936	rBV2	298	229	0.01%	0.002%
75	13.725	1937	1939	1940	rBV2	410	255	0.01%	0.002%
76	13.780	1940	1948	1954	rBV8	2090	4824	0.22%	0.044%
77	13.859	1954	1961	1969	rBV	422765	688564	31.23%	6.296%
78	13.957	1975	1977	1984	rVB4	831	997	0.05%	0.009%
79	14.085	1992	1998	2004	rVB2	8502	14495	0.66%	0.133%
80	14.188	2011	2015	2017	rBV3	409	510	0.02%	0.005%
81	14.207	2017	2018	2021	rVV3	412	320	0.01%	0.003%
82	14.402	2031	2050	2061	rBV2	101951	402585	18.26%	3.681%
83	14.530	2061	2071	2085	rVB3	206626	692338	31.41%	6.331%
84	14.804	2109	2116	2117	rBV5	4601	9270	0.42%	0.085%
85	14.914	2126	2134	2147	rVB2	44368	124543	5.65%	1.139%
86	15.078	2157	2161	2165	rVB5	806	1280	0.06%	0.012%
87	15.139	2167	2171	2177	rVB6	4373	6949	0.32%	0.064%
88	15.212	2181	2183	2188	rBV6	992	1552	0.07%	0.014%
89	15.267	2188	2192	2197	rVV6	1065	1735	0.08%	0.016%
90	15.359	2205	2207	2208	rVB	748	366	0.02%	0.003%
91	15.383	2208	2211	2213	rBV3	808	800	0.04%	0.007%
92	15.511	2228	2232	2237	rVB	2982	4837	0.22%	0.044%
93	15.645	2246	2254	2265	rBV5	4207	14937	0.68%	0.137%
94	15.773	2272	2275	2276	rBV3	560	695	0.03%	0.006%
95	15.816	2278	2282	2288	rVV6	1088	2461	0.11%	0.023%
96	16.182	2339	2342	2345	rBV4	1196	1526	0.07%	0.014%
97	16.231	2347	2350	2353	rBV5	2731	4362	0.20%	0.040%
98	16.426	2377	2382	2387	rBV6	3111	6714	0.30%	0.061%
99	16.487	2387	2392	2395	rBV6	4432	8067	0.37%	0.074%
100	16.761	2424	2437	2438	rBV7	10401	30827	1.40%	0.282%

Sum of corrected areas: 10936131

LSC Report - Integrated Chromatogram

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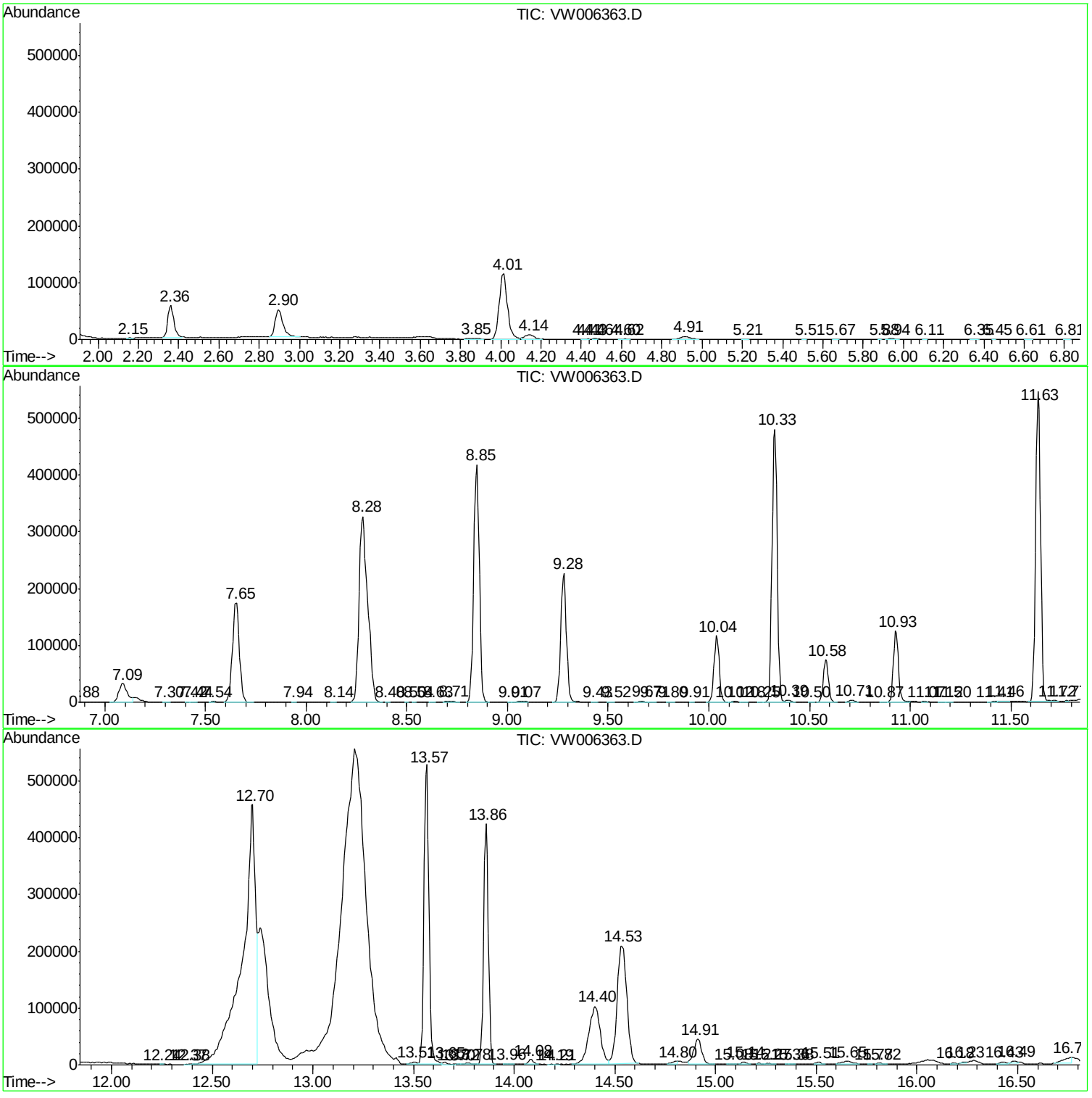
Operator : SY/AP
Sample : J5657-03
Misc : 5.96G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : A40K1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.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\VW102618\
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Quant Title : VOC Analysis

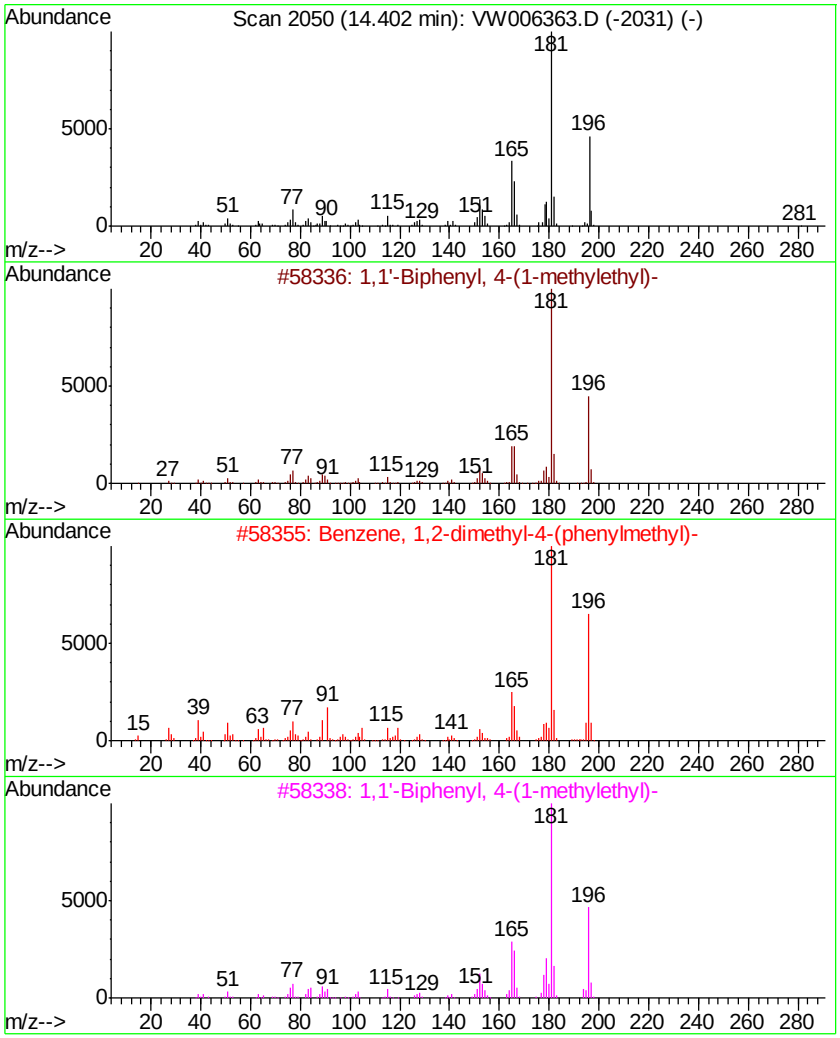
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

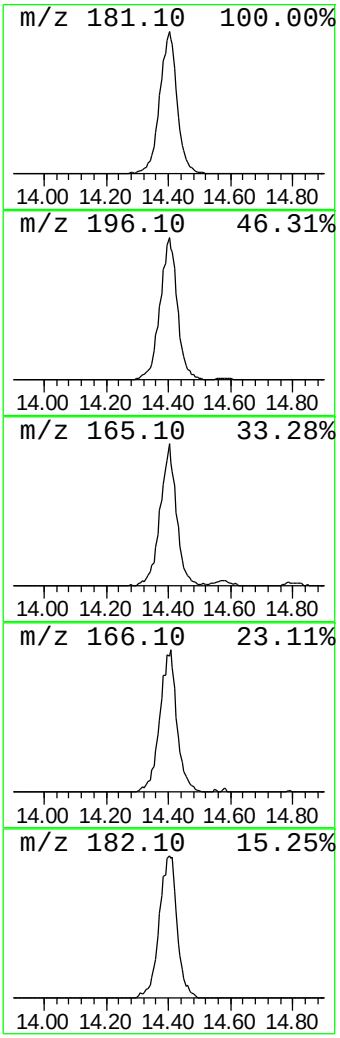
****

Peak Number 2 1,1'-Biphenyl, 4-(1-methyle... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	11.22 ug/L	402585	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	94
2	Benzene, 1,2-dimethyl-4-(phenylm...	196	C15H16	013540-56-2	94
3	1,1'-Biphenyl, 4-(1-methylethyl)-	196	C15H16	007116-95-2	93
4	Methane, di-p-tolyl-	196	C15H16	004957-14-6	91
5	Benzene, 1-methyl-3-[(4-methylph...	196	C15H16	021895-16-9	91





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Instrument : MSVOA_W
ClientSampleId : A40K1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100918S.M
Quant Title : VOC Analysis

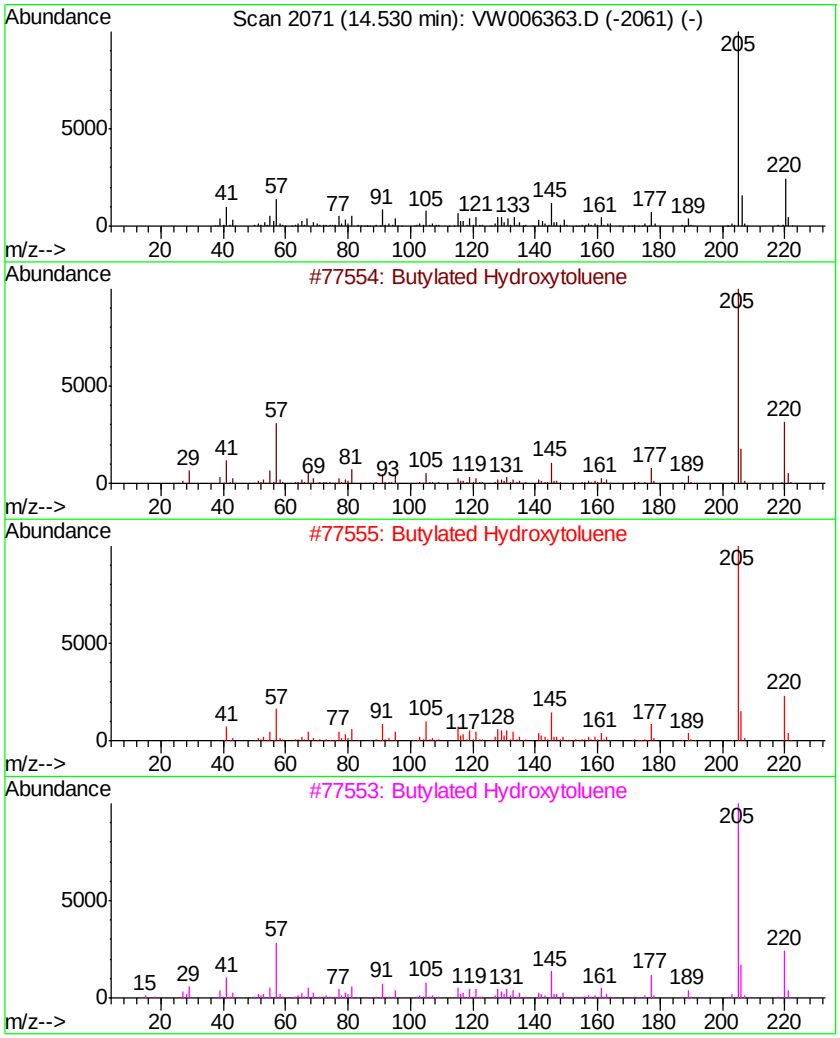
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

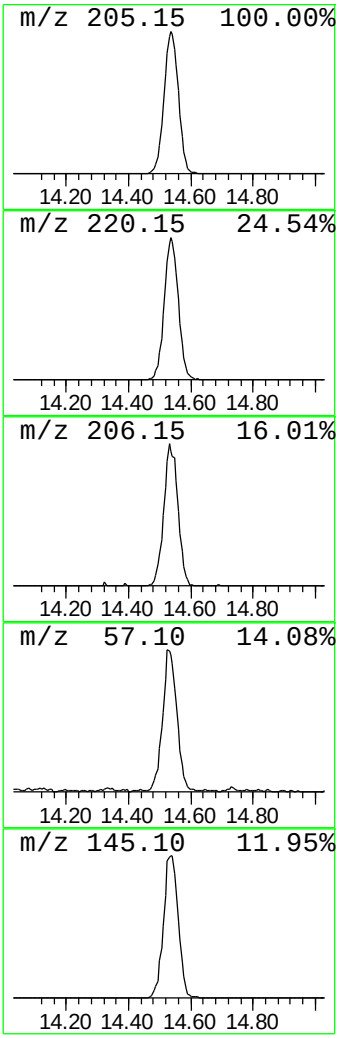
****

Peak Number 3 Butylated Hydroxytoluene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	19.29 ug/L	692338	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	97
2	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	97
3	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	95
4	Butylated Hydroxytoluene	220	C15H24O	000128-37-0	94
5	Phenol, 4,6-di(1,1-dimethylethyl...	220	C15H24O	000616-55-7	83





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Quant Title : VOC Analysis

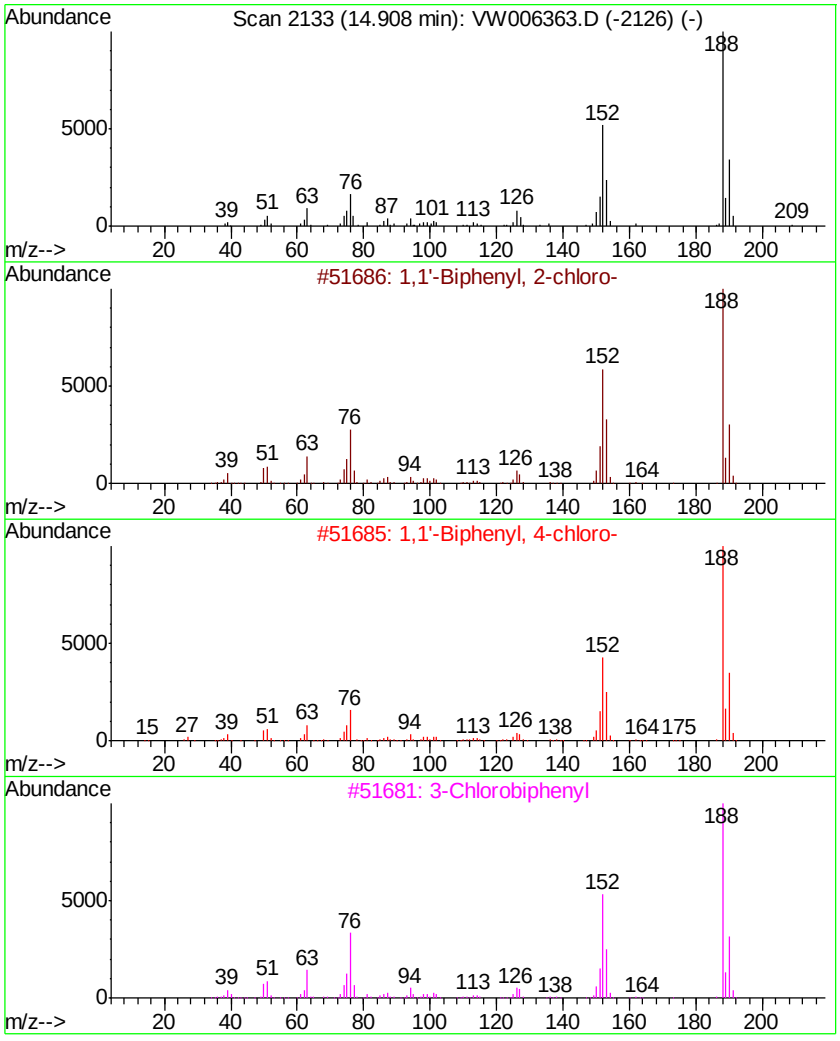
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

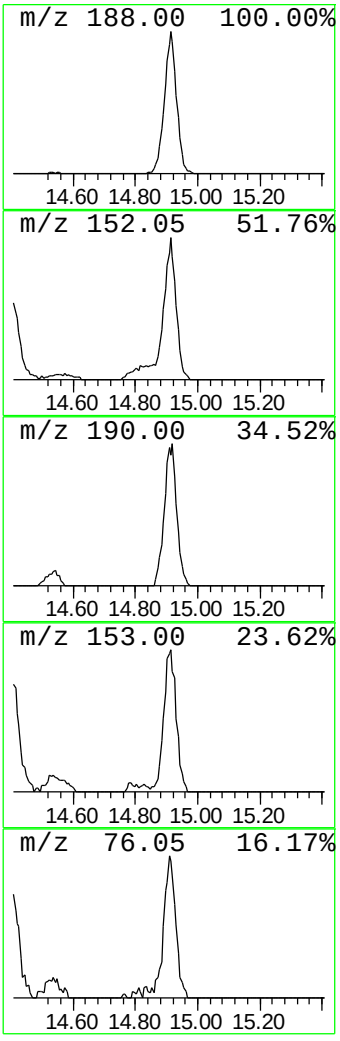
****

Peak Number 4 1,1'-Biphenyl, 2-chloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	3.47 ug/L	124543	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2-chloro-	188	C12H9Cl	002051-60-7	97
2	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	97
3	3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	96
4	3-Chlorobiphenyl	188	C12H9Cl	002051-61-8	96
5	1,1'-Biphenyl, 4-chloro-	188	C12H9Cl	002051-62-9	96





Tentatively Identified Compound (LSC) summary

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Instrument : MSVOA_W
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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, 4-...	14.40	11.2	ug/L	402585	3	13.57	897051	25.0
Butylated Hydroxy...	14.53	19.3	ug/L	692338	3	13.57	897051	25.0
1,1'-Biphenyl, 2-...	14.91	3.5	ug/L	124543	3	13.57	897051	25.0