LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021721\
Data File : VW018195.D
Acq On : 17 Feb 2021 18:36
Operator : SY/VA
Sample : VIBLK22
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK22

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\SOM2WLM012921S.M
Title : VOC Analysis

Signal : TIC: VW018195.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.355	68	74	86	rVB	64926	126757	10.98%	1.328%
2	2.898	155	163	181	rVB	46831	123785	10.73%	1.297%
3	3.483	253	259	261	rBV2	326	657	0.06%	0.007%
4	3.544	267	269	273	rVB3	254	343	0.03%	0.004%
5	3.605	275	279	280	rBV2	119	133	0.01%	0.001%
6	3.684	289	292	293	rBV2	139	154	0.01%	0.002%
7	3.891	322	326	329	rVB2	91	125	0.01%	0.001%
8	4.025	336	348	372	rBV	119485	387929	33.62%	4.065%
9	4.208	376	378	380	rBV2	165	176	0.02%	0.002%
10	4.300	392	393	395	rBV2	169	145	0.01%	0.002%
11	4.379	400	406	407	rBV3	1212	1633	0.14%	0.017%
12	4.611	442	444	445	rBV	87	80	0.01%	0.001%
13	4.702	456	459	461	rBV	178	197	0.02%	0.002%
14	4.922	484	495	515	rVV2	15421	54864	4.75%	0.575%
15	5.086	519	522	523	rBV2	148	128	0.01%	0.001%
16	5.196	539	540	542	rBV	254	171	0.01%	0.002%
17	5.385	570	571	572	rBV	155	80	0.01%	0.001%
18	5.415	572	576	578	rVV3	323	478	0.04%	0.005%
19	5.690	620	621	623	rBV	126	79	0.01%	0.001%
20	5.714	623	625	626	rBV2	134	82	0.01%	0.001%
21	5.879	650	652	655	rBV	123	117	0.01%	0.001%
22	5.946	655	663	673	rVB6	2927	8726	0.76%	0.091%
23	6.013	673	674	676	rBV	137	105	0.01%	0.001%
24	6.348	727	729	730	rBV	156	98	0.01%	0.001%
25	6.525	756	758	761	rBV2	112	146	0.01%	0.002%
26	6.684	783	784	785	rBV	132	75	0.01%	0.001%
27	6.805	802	804	806	rVV	140	106	0.01%	0.001%
28	7.080	839	849	855	rBV2	28105	79564	6.90%	0.834%
29	7.342	890	892	895	rBV2	207	236	0.02%	0.002%
30	7.427	904	906	907	rBV2	128	99	0.01%	0.001%
31	7.513	919	920	924	rBV2	287	259	0.02%	0.003%
32	7.647	931	942	955	rBV	205824	503570	43.64%	5.277%
33	7.866	974	978	979	rBV3	310	376	0.03%	0.004%
34	7.952	987	992	998	rBV4	1471	2878	0.25%	0.030%
35	8.067	1007	1011	1012	rBV4	288	410	0.04%	0.004%
36	8.275	1033	1045	1062	rBV2	395835	1153924	100.00%	12.093%

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Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK22

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\SOM2WLM012921S.M
Title : VOC Analysis

37	8.622	1099	1102	1103	rBV2	180	168	0.01%	0.002%
38	8.671	1108	1110	1111	rBV	150	134	0.01%	0.001%
39	8.781	1126	1128	1129	rBV	107	82	0.01%	0.001%
40	8.842	1129	1138	1152	rVV	430133	847885	73.48%	8.885%
41	9.043	1169	1171	1172	rBV	142	89	0.01%	0.001%
42	9.086	1172	1178	1184	rVB6	1497	3285	0.28%	0.034%
43	9.275	1200	1209	1219	rBV	256995	516599	44.77%	5.414%
44	9.396	1227	1229	1232	rVB2	281	178	0.02%	0.002%
45	9.445	1236	1237	1239	rVB	196	111	0.01%	0.001%
46	9.470	1239	1241	1243	rBV2	88	87	0.01%	0.001%
47	9.543	1251	1253	1256	rVB	130	102	0.01%	0.001%
48	9.628	1266	1267	1268	rBV	227	159	0.01%	0.002%
49	9.665	1269	1273	1279	rVV3	836	1588	0.14%	0.017%
50	9.768	1289	1290	1293	rVB	148	89	0.01%	0.001%
51	9.793	1293	1294	1295	rBV	179	78	0.01%	0.001%
52	9.884	1305	1309	1312	rVB2	163	243	0.02%	0.003%
53	10.037	1323	1334	1345	rBV	138417	251196	21.77%	2.632%
54	10.122	1345	1348	1352	rVB4	454	758	0.07%	0.008%
55	10.207	1358	1362	1369	rBV4	1075	1778	0.15%	0.019%
56	10.323	1373	1381	1390	rBV	597878	1049015	90.91%	10.993%
57	10.579	1416	1423	1432	rVB	85503	148303	12.85%	1.554%
58	10.701	1437	1443	1451	rVV2	35925	63665	5.52%	0.667%
59	10.786	1455	1457	1463	rVB4	557	610	0.05%	0.006%
60	10.860	1463	1469	1473	rBV4	1407	2539	0.22%	0.027%
61	10.927	1473	1480	1493	rVV	110302	193548	16.77%	2.028%
62	11.061	1497	1502	1509	rVV	10046	17729	1.54%	0.186%
63	11.116	1509	1511	1512	rVV2	471	360	0.03%	0.004%
64	11.177	1515	1521	1526	rVB3	1045	1542	0.13%	0.016%
65	11.231	1526	1530	1534	rVB3	343	431	0.04%	0.005%
66	11.402	1555	1558	1559	rBV	498	493	0.04%	0.005%
67	11.439	1559	1564	1573	rVB2	5289	8435	0.73%	0.088%
68	11.634	1588	1596	1607	rBV	583128	995174	86.24%	10.429%
69	11.731	1607	1612	1618	rVB5	1725	3080	0.27%	0.032%
70	11.774	1618	1619	1621	rBV	199	132	0.01%	0.001%
71	11.841	1624	1630	1636	rVB2	1357	2620	0.23%	0.027%
72	12.164	1654	1683	1707	rVB3	66583	428886	37.17%	4.495%
73	12.341	1710	1712	1714	rBV2	197	134	0.01%	0.001%
74	12.463	1728	1732	1737	rBV3	2125	2999	0.26%	0.031%
75	12.609	1749	1756	1762	rVV	55794	91475	7.93%	0.959%
76	12.695	1762	1770	1777	rVV	204074	344282	29.84%	3.608%

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ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK22

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\SOM2WLM012921S.M
Title : VOC Analysis

77	12.768	1780	1782	1786	rVB2	244	279	0.02%	0.003%
78	12.932	1804	1809	1818	rBV6	3876	8901	0.77%	0.093%
79	13.042	1823	1827	1828	rBV4	871	1085	0.09%	0.011%
80	13.195	1847	1852	1855	rVB4	649	1071	0.09%	0.011%
81	13.249	1855	1861	1864	rBV3	1463	2953	0.26%	0.031%
82	13.292	1864	1868	1873	rVB2	3674	5816	0.50%	0.061%
83	13.408	1878	1887	1892	rVB4	1290	2706	0.23%	0.028%
84	13.469	1892	1897	1900	rBV4	4748	7560	0.66%	0.079%
85	13.554	1905	1911	1924	rVB	654893	1056897	91.59%	11.076%
86	13.713	1935	1937	1940	rVB	344	266	0.02%	0.003%
87	13.755	1940	1944	1948	rBV3	2123	3795	0.33%	0.040%
88	13.853	1953	1960	1967	rBV	569292	934737	81.01%	9.796%
89	14.066	1990	1995	2002	rVB2	28331	45769	3.97%	0.480%
90	14.268	2026	2028	2029	rBV	336	174	0.02%	0.002%
91	14.328	2029	2038	2041	rBV6	2373	4904	0.42%	0.051%
92	14.572	2076	2078	2079	rVV	336	142	0.01%	0.001%
93	14.627	2083	2087	2092	rVB4	1929	2706	0.23%	0.028%
94	14.719	2099	2102	2108	rVB6	1470	2170	0.19%	0.023%
95	15.030	2151	2153	2156	rVB3	535	485	0.04%	0.005%
96	15.353	2204	2206	2211	rBV3	574	1130	0.10%	0.012%
97	15.432	2215	2219	2224	rVV2	11440	18918	1.64%	0.198%
98	15.487	2225	2228	2235	rVB	4712	8026	0.70%	0.084%
99	15.694	2257	2262	2267	rVB6	1536	2488	0.22%	0.026%
100	16.383	2372	2375	2376	rBV3	573	706	0.06%	0.007%

Sum of corrected areas: 9542430

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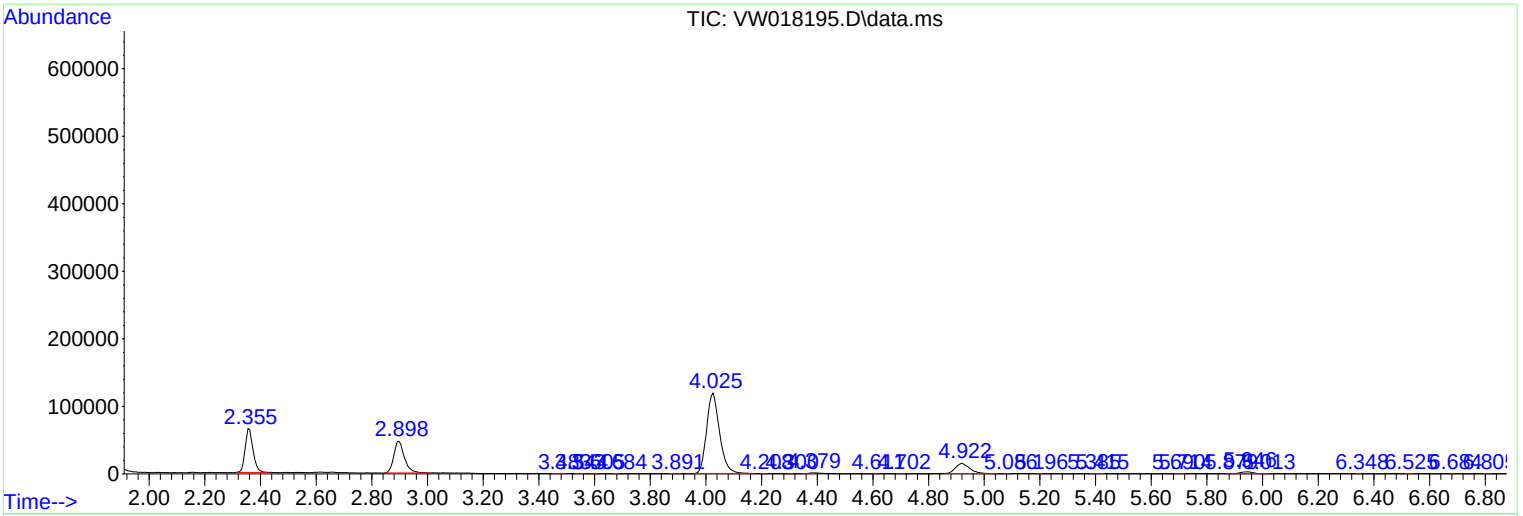
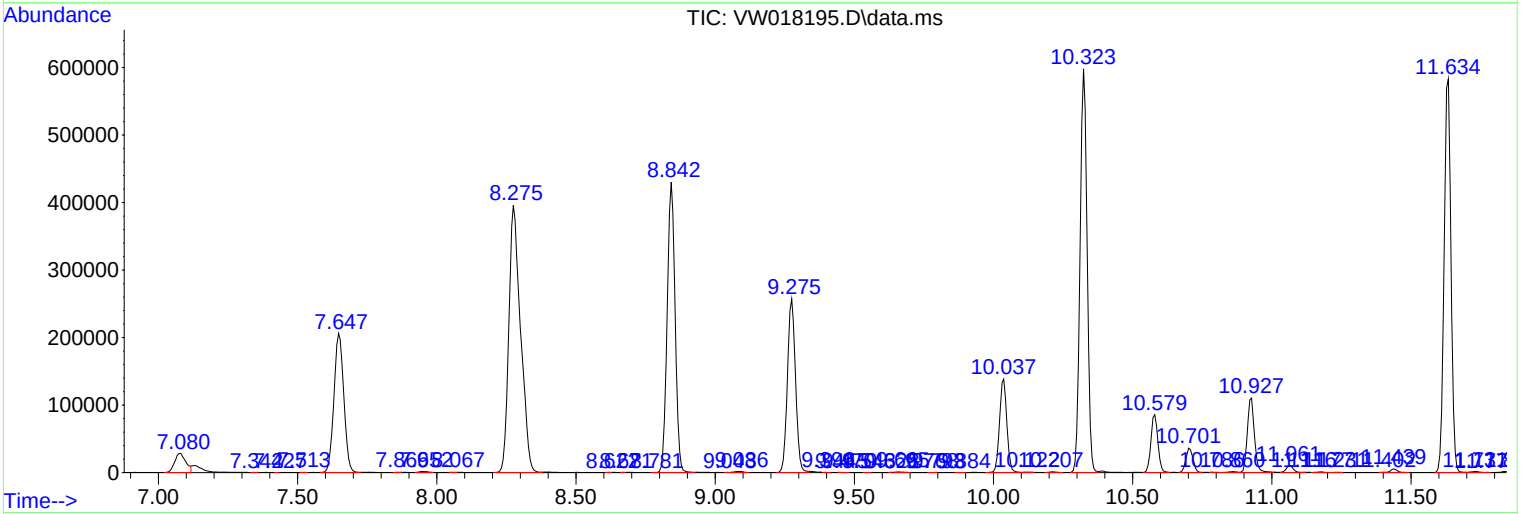
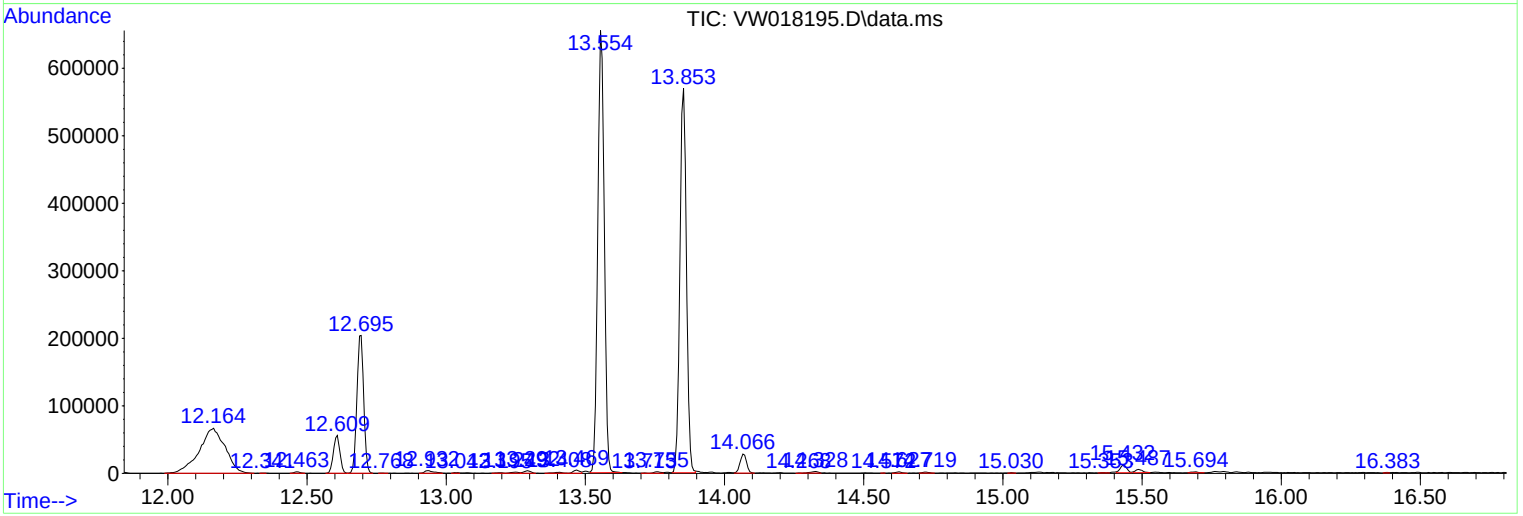
Instrument :
MSVOA_W
ClientSampleId :
VIBLK22

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
Quant Title : VOC Analysis

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







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Quant Title : VOC Analysis

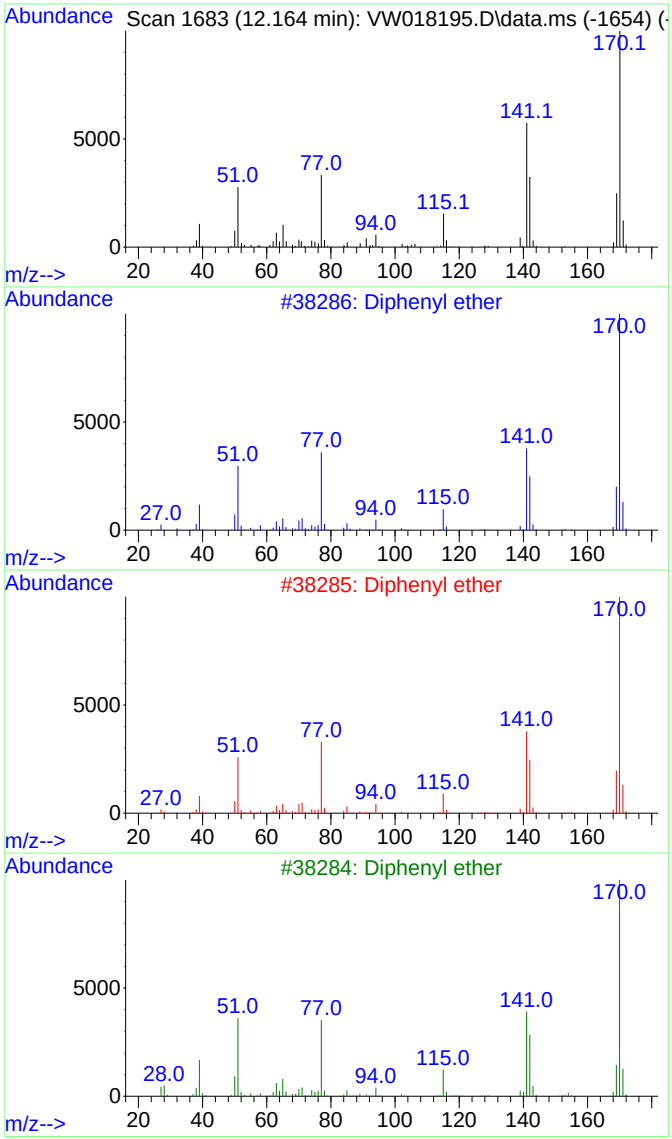
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

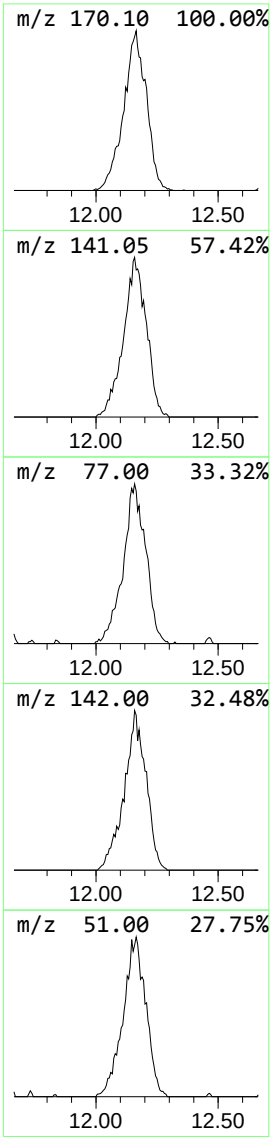
****

Peak Number 3 Diphenyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.164	10.77 ug/L	428886	Chlorobenzene-d5	11.634

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diphenyl ether	170	C12H10O	000101-84-8	94
2	Diphenyl ether	170	C12H10O	000101-84-8	93
3	Diphenyl ether	170	C12H10O	000101-84-8	91
4	Phenol, O-(ethylsulfinyl)-	170	C8H10O2S	029634-40-0	50
5	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	50





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
Diphenyl ether	12.164	10.8	ug/L	428886	2	11.634	995174	25.0