LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020221\
Data File : VV020242.D
Acq On : 02 Feb 2021 16:54
Operator : SY/MD
Sample : M1258-08
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG522

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_V\Method\SOMVLM012821WMA.M
Title : VOC Analysis

Signal : TIC: VV020242.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.110	3	6	14	rVB	126803	104651	4.44%	0.548%
2	1.309	61	68	78	rVB	329011	345194	14.63%	1.808%
3	1.569	142	149	161	rVB	229276	252310	10.70%	1.321%
4	2.110	306	317	334	rBV	508174	762689	32.33%	3.994%
5	2.656	482	487	488	rBV3	367	312	0.01%	0.002%
6	2.704	501	502	505	rBV	392	224	0.01%	0.001%
7	2.765	512	521	528	rBV4	2053	3049	0.13%	0.016%
8	2.814	534	536	540	rVB2	222	173	0.01%	0.001%
9	2.833	540	542	546	rVB2	258	124	0.01%	0.001%
10	2.852	546	548	551	rBV2	432	293	0.01%	0.002%
11	2.929	570	572	573	rBV2	436	150	0.01%	0.001%
12	2.958	573	581	588	rVV6	2826	4863	0.21%	0.025%
13	3.007	594	596	597	rBV2	368	149	0.01%	0.001%
14	3.048	597	609	623	rVV4	7964	17007	0.72%	0.089%
15	3.100	623	625	630	rVB2	614	332	0.01%	0.002%
16	3.190	650	653	658	rBV	263	215	0.01%	0.001%
17	3.212	658	660	662	rVB2	235	110	0.00%	0.001%
18	3.225	662	664	668	rBV	576	307	0.01%	0.002%
19	3.245	668	670	676	rVB2	255	163	0.01%	0.001%
20	3.267	676	677	682	rBV	211	161	0.01%	0.001%
21	3.357	703	705	707	rBV	202	88	0.00%	0.000%
22	3.380	711	712	713	rBV	223	64	0.00%	0.000%
23	3.389	713	715	720	rVB2	352	203	0.01%	0.001%
24	3.421	723	725	728	rBV2	340	191	0.01%	0.001%
25	3.444	729	732	733	rBV2	252	137	0.01%	0.001%
26	3.492	743	747	749	rBV2	291	187	0.01%	0.001%
27	3.508	749	752	753	rVV2	263	143	0.01%	0.001%
28	3.534	757	760	761	rBV	206	91	0.00%	0.000%
29	3.576	769	773	774	rBV	176	94	0.00%	0.000%
30	3.627	785	789	791	rBV2	177	136	0.01%	0.001%
31	3.653	794	797	802	rVB	204	181	0.01%	0.001%
32	3.701	807	812	813	rBV	321	240	0.01%	0.001%
33	3.772	817	834	843	rBV9	3174	9257	0.39%	0.048%
34	3.827	849	851	855	rVB2	393	247	0.01%	0.001%
35	3.891	860	871	895	rBV	151441	432789	18.35%	2.266%
36	4.354	999	1015	1049	rBV	374506	921950	39.09%	4.828%

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012821WMA.M
Title : VOC Analysis

37	4.547	1073	1075	1079	rBV2	639	390	0.02%	0.002%
38	4.662	1109	1111	1113	rBV2	392	257	0.01%	0.001%
39	4.714	1123	1127	1128	rBV	348	176	0.01%	0.001%
40	4.916	1183	1190	1192	rBV3	536	665	0.03%	0.003%
41	5.052	1214	1232	1268	rBV2	918991	2358825	100.00%	12.351%
42	5.502	1371	1372	1376	rVB2	718	283	0.01%	0.001%
43	5.524	1376	1379	1381	rBV3	659	382	0.02%	0.002%
44	5.621	1396	1409	1443	rBV	799542	1598133	67.75%	8.368%
45	5.913	1489	1500	1517	rBV3	15861	33204	1.41%	0.174%
46	6.074	1533	1550	1578	rBV	509192	1039233	44.06%	5.442%
47	6.367	1637	1641	1643	rBV2	896	736	0.03%	0.004%
48	6.492	1678	1680	1682	rBV2	246	101	0.00%	0.001%
49	6.511	1682	1686	1688	rVB2	346	224	0.01%	0.001%
50	6.569	1701	1704	1706	rBV	338	165	0.01%	0.001%
51	6.595	1706	1712	1716	rBV3	396	531	0.02%	0.003%
52	6.788	1770	1772	1773	rBV	223	110	0.00%	0.001%
53	6.814	1777	1780	1782	rBV2	414	188	0.01%	0.001%
54	6.852	1790	1792	1795	rBV2	245	171	0.01%	0.001%
55	6.939	1816	1819	1822	rBV2	568	398	0.02%	0.002%
56	6.990	1823	1835	1862	rBV	283183	518092	21.96%	2.713%
57	7.318	1925	1937	1976	rBV	1158448	2009922	85.21%	10.524%
58	7.624	2022	2032	2056	rBV	203770	348437	14.77%	1.824%
59	7.884	2111	2113	2114	rBV	292	145	0.01%	0.001%
60	8.093	2166	2178	2215	rBV	570642	1033393	43.81%	5.411%
61	8.579	2324	2329	2333	rBV4	658	585	0.02%	0.003%
62	8.601	2333	2336	2344	rVB5	572	492	0.02%	0.003%
63	8.672	2356	2358	2362	rBV	209	124	0.01%	0.001%
64	8.720	2370	2373	2376	rBV3	689	574	0.02%	0.003%
65	8.785	2391	2393	2395	rBV	151	93	0.00%	0.000%
66	8.855	2403	2415	2433	rBV	1233598	1958699	83.04%	10.256%
67	9.141	2500	2504	2505	rBV3	852	559	0.02%	0.003%
68	9.338	2559	2565	2566	rBV4	354	323	0.01%	0.002%
69	9.366	2572	2574	2576	rVB2	228	64	0.00%	0.000%
70	9.559	2629	2634	2639	rVB3	548	585	0.02%	0.003%
71	9.736	2688	2689	2690	rBV3	153	50	0.00%	0.000%
72	9.823	2712	2716	2717	rBV2	1545	1026	0.04%	0.005%
73	10.222	2827	2840	2864	rBV	771562	1195513	50.68%	6.260%
74	10.492	2922	2924	2927	rBV	362	234	0.01%	0.001%
75	10.543	2937	2940	2947	rBV3	596	844	0.04%	0.004%
76	10.582	2950	2952	2953	rBV2	593	236	0.01%	0.001%

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Title : VOC Analysis

77	10.916	3054	3056	3060	rBV2	444	296	0.01%	0.002%
78	11.167	3126	3134	3142	rVB6	3518	5343	0.23%	0.028%
79	11.254	3148	3161	3182	rBV	1344163	2050320	86.92%	10.736%
80	11.630	3265	3278	3302	rBV	1337195	2066051	87.59%	10.818%
81	11.987	3384	3389	3392	rBV4	740	735	0.03%	0.004%
82	12.353	3496	3503	3519	rBV7	7937	12404	0.53%	0.065%

Sum of corrected areas: 19097785

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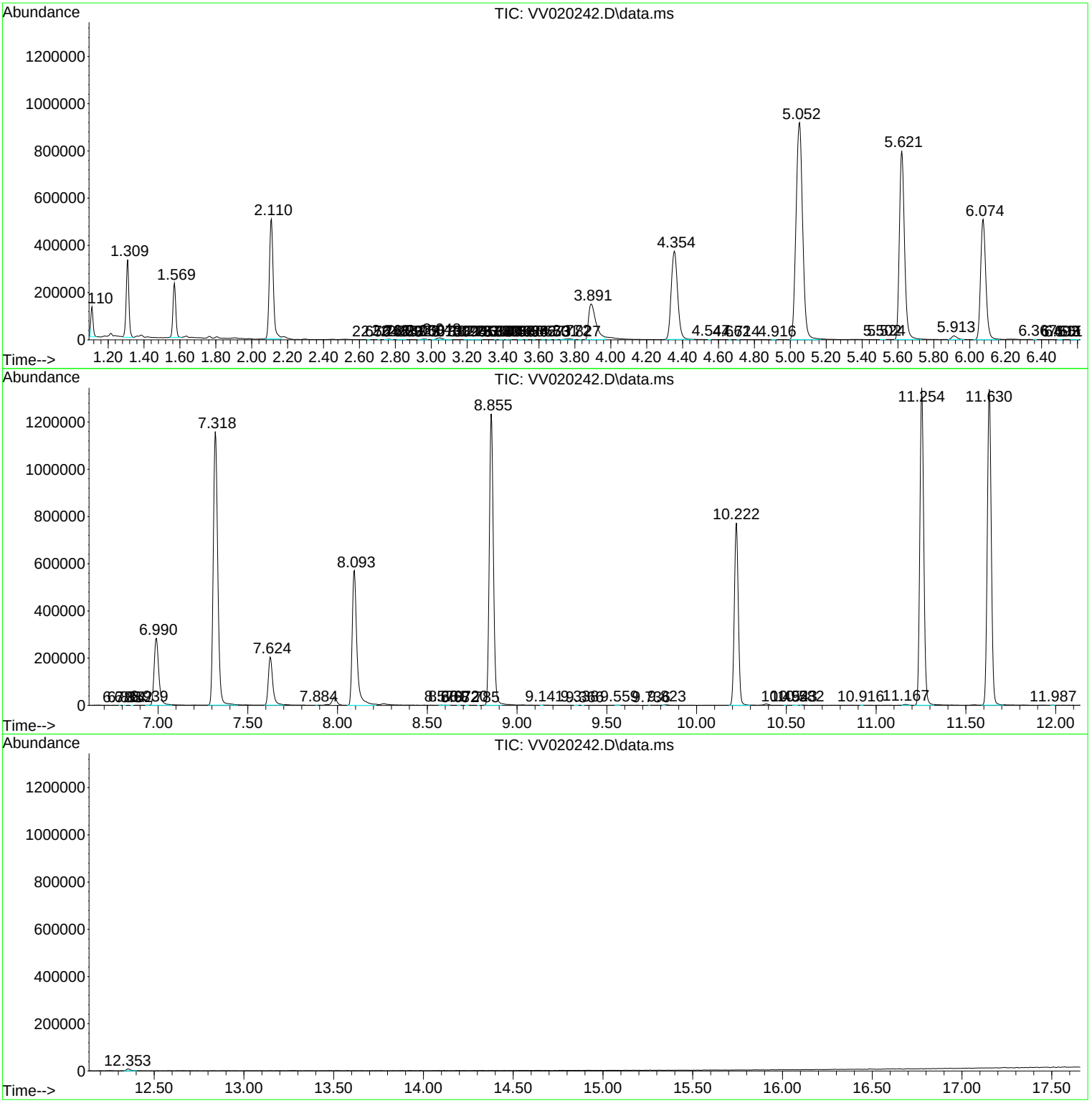
BG522

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012821WMA.M
Quant Title : VOC Analysis

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



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Instrument :
MSVOA_V
ClientSampleId :
BG522

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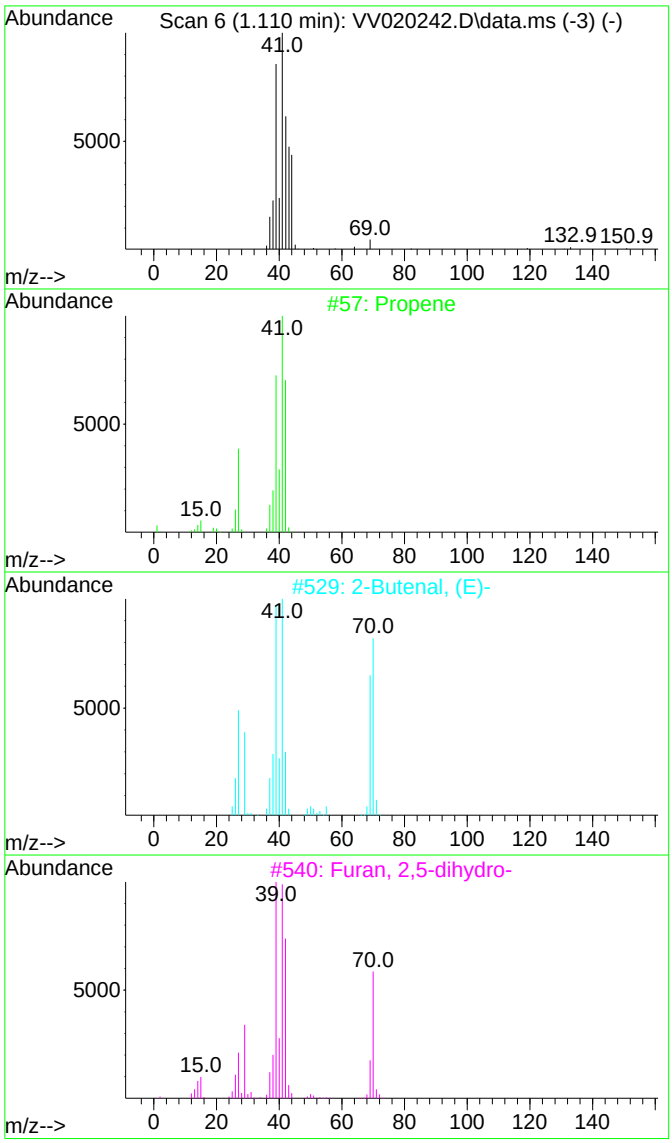
Quant Title : VOC Analysis

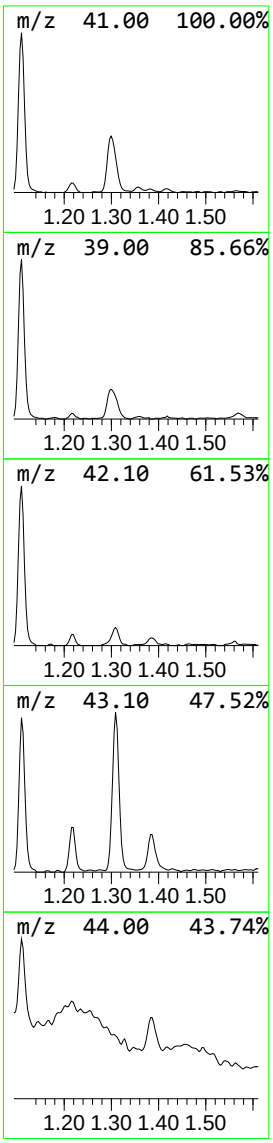
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.110	3.27 ug/L	104651	1,4-Difluorobenzene	5.621

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	86
2	2-Butenal, (E)-	70	C4H6O	000123-73-9	72
3	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	64
4	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	64
5	3-Butenoic acid	86	C4H6O2	000625-38-7	64





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: S...	1.110	3.3	ug/L	104651	1	5.621	1598130	50.0