LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110320\
Data File : VW017059.D
Acq On : 03 Nov 2020 15:10
Operator : SY/VA
Sample : VIBLK28
Misc : 5.00G/10ML/MSVOA W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK28

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\SOM2WLM102220S.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	2.148	38	40	41	rBV	915	721	0.05%	0.007%
2	2.355	68	74	87	rVB	87653	158830	11.77%	1.467%
3	2.892	155	162	176	rBV	60596	150633	11.17%	1.391%
4	3.434	249	251	254	rVB3	488	520	0.04%	0.005%
5	3.471	254	257	260	rBV2	436	547	0.04%	0.005%
6	3.599	276	278	281	rVB2	417	354	0.03%	0.003%
7	4.019	335	347	363	rBV	148009	443517	32.88%	4.096%
8	4.300	391	393	395	rBV2	376	355	0.03%	0.003%
9	4.391	400	408	422	rBV	7070	23287	1.73%	0.215%
10	4.751	465	467	471	rBV3	365	432	0.03%	0.004%
11	4.812	476	477	483	rVB3	295	378	0.03%	0.003%
12	4.916	483	494	495	rBV	9621	17554	1.30%	0.162%
13	5.105	521	525	526	rBV2	597	685	0.05%	0.006%
14	5.592	604	605	610	rVB3	234	354	0.03%	0.003%
15	5.757	625	632	635	rVV4	540	965	0.07%	0.009%
16	5.946	656	663	673	rVB7	3093	9048	0.67%	0.084%
17	6.501	753	754	758	rVV2	293	338	0.03%	0.003%
18	6.556	761	763	765	rBV3	330	327	0.02%	0.003%
19	6.873	812	815	817	rVB2	336	326	0.02%	0.003%
20	7.080	839	849	854	rBV	34327	92653	6.87%	0.856%
21	7.549	922	926	929	rBV4	306	516	0.04%	0.005%
22	7.653	929	943	954	rBV	221420	544456	40.36%	5.028%
23	7.946	987	991	992	rBV3	929	973	0.07%	0.009%
24	8.074	1010	1012	1016	rVB3	311	348	0.03%	0.003%
25	8.281	1032	1046	1062	rBV2	454735	1348971	100.00%	12.458%
26	8.586	1094	1096	1099	rBV3	320	484	0.04%	0.004%
27	8.616	1099	1101	1104	rBV3	410	410	0.03%	0.004%
28	8.683	1108	1112	1114	rBV3	401	455	0.03%	0.004%
29	8.848	1128	1139	1152	rBV	477316	961530	71.28%	8.880%
30	9.092	1172	1179	1187	rBV7	3484	7368	0.55%	0.068%
31	9.275	1201	1209	1220	rBV	275180	566565	42.00%	5.232%
32	9.384	1225	1227	1231	rVB4	577	893	0.07%	0.008%
33	9.464	1237	1240	1241	rBV3	469	512	0.04%	0.005%
34	9.665	1268	1273	1279	rBV5	744	1808	0.13%	0.017%

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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
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Title : VOC Analysis

35	9.762	1282	1289	1296	rVB3	4507	9727	0.72%	0.090%
36	9.896	1304	1311	1319	rBV2	12465	25746	1.91%	0.238%
37	10.037	1319	1334	1341	rBV	150470	276199	20.47%	2.551%
38	10.220	1358	1364	1366	rBV3	1969	4009	0.30%	0.037%
39	10.256	1366	1370	1374	rVV	5048	8615	0.64%	0.080%
40	10.329	1374	1382	1397	rVV	633698	1142015	84.66%	10.547%
41	10.579	1417	1423	1435	rVV	97034	164694	12.21%	1.521%
42	10.707	1437	1444	1451	rVB	57451	104193	7.72%	0.962%
43	10.774	1451	1455	1460	rVB5	1408	2664	0.20%	0.025%
44	10.866	1461	1470	1475	rBV	217325	374471	27.76%	3.458%
45	10.927	1475	1480	1489	rVB	131917	218985	16.23%	2.022%
46	11.067	1498	1503	1511	rBV3	13916	22849	1.69%	0.211%
47	11.183	1516	1522	1526	rVB3	3445	5202	0.39%	0.048%
48	11.262	1533	1535	1537	rBV3	394	431	0.03%	0.004%
49	11.347	1545	1549	1550	rBV4	833	972	0.07%	0.009%
50	11.439	1555	1564	1572	rVB	40052	71199	5.28%	0.658%
51	11.518	1574	1577	1580	rBV3	629	938	0.07%	0.009%
52	11.634	1587	1596	1611	rBV	689464	1160362	86.02%	10.716%
53	11.786	1620	1621	1624	rVB2	392	322	0.02%	0.003%
54	11.878	1633	1636	1640	rVV4	1032	1500	0.11%	0.014%
55	11.994	1653	1655	1659	rVV4	366	462	0.03%	0.004%
56	12.091	1669	1671	1673	rBV3	308	330	0.02%	0.003%
57	12.158	1680	1682	1683	rBV	485	392	0.03%	0.004%
58	12.176	1683	1685	1690	rVB4	703	906	0.07%	0.008%
59	12.433	1723	1727	1729	rBV2	531	688	0.05%	0.006%
60	12.475	1729	1734	1739	rVV4	2016	2870	0.21%	0.027%
61	12.609	1749	1756	1763	rBV2	95128	149784	11.10%	1.383%
62	12.695	1763	1770	1778	rVV	241120	395396	29.31%	3.652%
63	12.756	1778	1780	1784	rVV2	670	864	0.06%	0.008%
64	12.859	1791	1797	1800	rBV2	454	710	0.05%	0.007%
65	12.932	1804	1809	1812	rBV2	9002	12552	0.93%	0.116%
66	12.969	1812	1815	1820	rVV2	5082	8285	0.61%	0.077%
67	13.036	1820	1826	1830	rVV4	2167	3925	0.29%	0.036%
68	13.079	1831	1833	1837	rVB3	2053	2051	0.15%	0.019%
69	13.170	1844	1848	1849	rBV2	493	549	0.04%	0.005%
70	13.195	1849	1852	1856	rBV4	1034	1544	0.11%	0.014%
71	13.298	1863	1869	1875	rVB	15190	23739	1.76%	0.219%

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Instrument : MSVOA_W
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Integration Parameters: LSCINT.P
Integrator: RTE
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Start Thrs: 0.2 Max Peaks: 100
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Title : VOC Analysis

72	13.408	1878	1887	1892	rBV7	2150	4762	0.35%	0.044%
73	13.469	1892	1897	1903	rBV2	35730	59003	4.37%	0.545%
74	13.560	1905	1912	1926	rVB	711226	1146416	84.98%	10.588%
75	13.762	1940	1945	1948	rBV3	3658	5863	0.43%	0.054%
76	13.798	1948	1951	1953	rBV4	1533	1505	0.11%	0.014%
77	13.853	1953	1960	1967	rBV	581467	981181	72.74%	9.062%
78	14.018	1984	1987	1990	rBV4	1193	1593	0.12%	0.015%
79	14.072	1990	1996	2005	rVB	34468	57180	4.24%	0.528%
80	14.194	2013	2016	2022	rVB5	858	1492	0.11%	0.014%
81	14.298	2030	2033	2034	rBV	768	739	0.05%	0.007%
82	14.335	2037	2039	2041	rVV	1009	877	0.07%	0.008%
83	14.365	2041	2044	2048	rVB3	839	1294	0.10%	0.012%
84	14.591	2077	2081	2082	rBV3	336	391	0.03%	0.004%
85	14.615	2084	2085	2087	rBV2	687	466	0.03%	0.004%
86	14.725	2100	2103	2111	rVB3	2335	3289	0.24%	0.030%
87	14.938	2136	2138	2140	rBV2	466	467	0.03%	0.004%
88	15.005	2146	2149	2151	rBV2	347	568	0.04%	0.005%
89	15.103	2163	2165	2168	rVB4	898	873	0.06%	0.008%
90	15.139	2168	2171	2174	rBV3	434	805	0.06%	0.007%
91	15.225	2184	2185	2187	rBV	465	346	0.03%	0.003%
92	15.273	2190	2193	2194	rBV3	398	415	0.03%	0.004%
93	15.292	2194	2196	2198	rVB3	539	430	0.03%	0.004%
94	15.359	2206	2207	2209	rBV	626	486	0.04%	0.004%
95	15.438	2213	2220	2225	rVV2	8072	14271	1.06%	0.132%
96	15.493	2225	2229	2234	rVB2	2225	3291	0.24%	0.030%
97	15.706	2261	2264	2266	rBV3	997	968	0.07%	0.009%
98	16.182	2340	2342	2343	rBV2	407	404	0.03%	0.004%
99	16.237	2348	2351	2352	rBV3	530	656	0.05%	0.006%
100	16.340	2365	2368	2369	rBV3	761	717	0.05%	0.007%

Sum of corrected areas: 10828001

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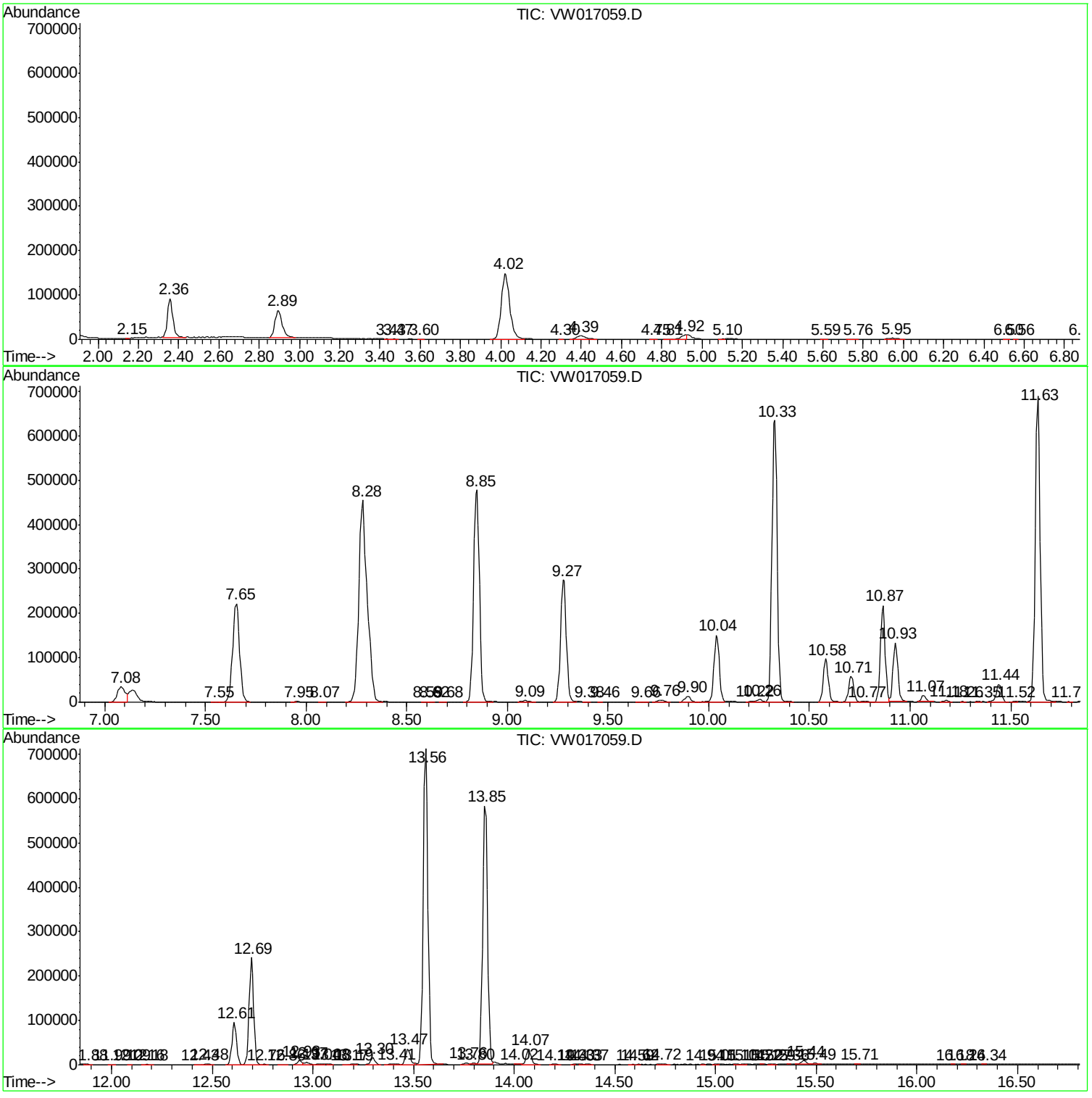
ClientSampleId :
VIBLK28

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.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\VW110320\
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ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VIBLK28

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis

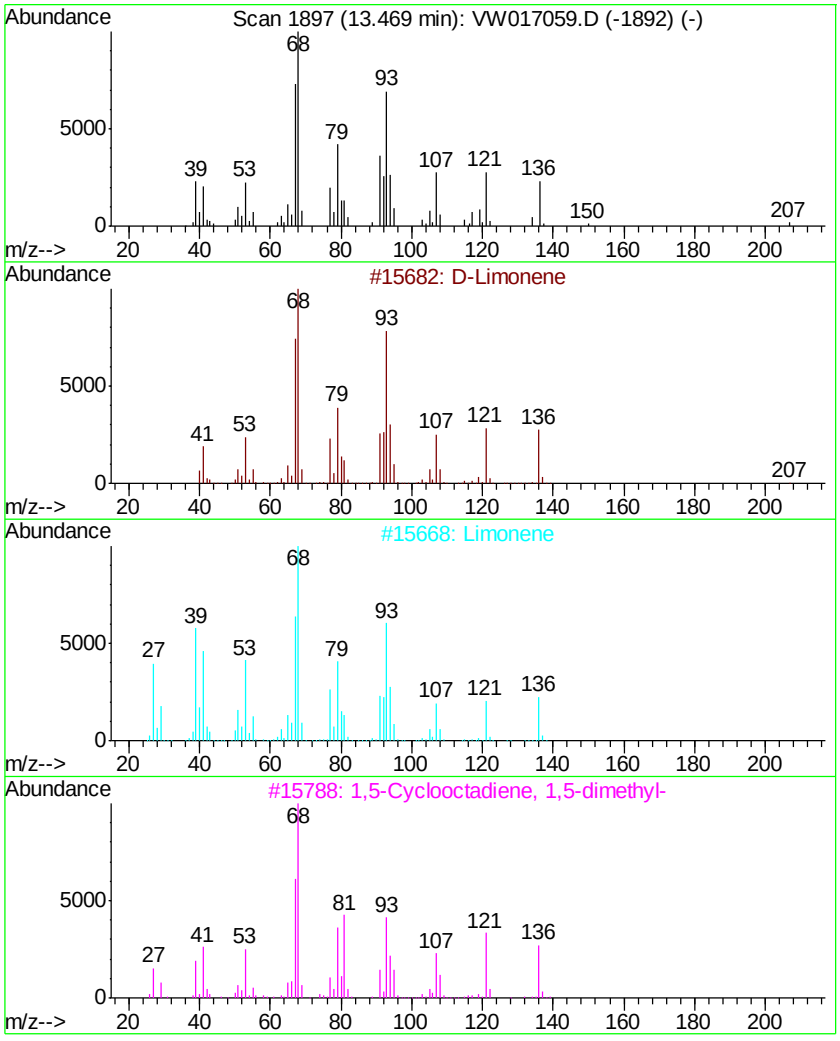
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

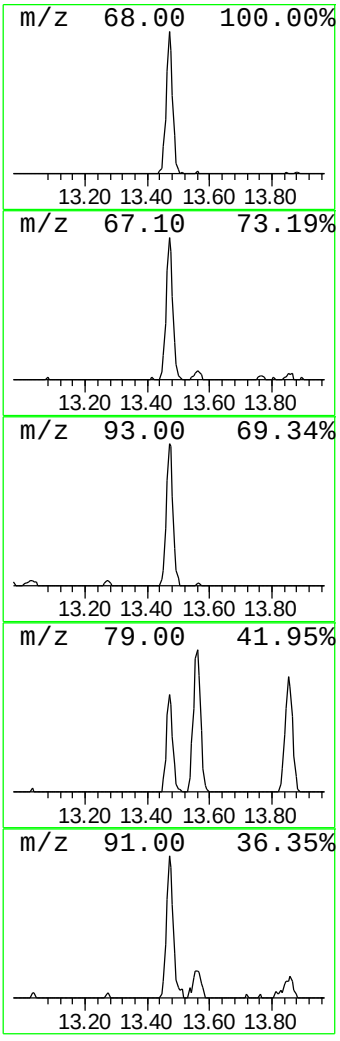
****

Peak Number 5 D-Limonene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.47	1.29 ug/L	59003	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D-Limonene	136	C10H16	005989-27-5	99
2	Limonene	136	C10H16	000138-86-3	90
3	1,5-Cyclooctadiene, 1,5-dimethyl-	136	C10H16	003760-14-3	90
4	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	005989-54-8	90
5	D-Limonene	136	C10H16	005989-27-5	83





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
D-Limonene	13.47	1.3	ug/L	59003	3	13.56	1146420	25.0