LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100218\
Data File : VW005792.D
Acq On : 02 Oct 2018 23:26
Operator : SY/AP
Sample : J5182-05
Misc : 4.52G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLC54

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\SOM2WLM092818S.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	2.361	68	75	85	rVB	24147	52931	8.66%	1.112%
2	2.892	154	162	175	rBV	18793	55309	9.05%	1.162%
3	3.215	213	215	216	rBV3	592	467	0.08%	0.010%
4	3.526	262	266	268	rBV5	695	1028	0.17%	0.022%
5	3.861	315	321	326	rVB4	784	1785	0.29%	0.038%
6	4.013	335	346	361	rBV2	45802	155576	25.46%	3.270%
7	4.434	407	415	416	rBV4	411	813	0.13%	0.017%
8	4.922	482	495	510	rBV3	14287	57126	9.35%	1.201%
9	5.117	523	527	528	rBV3	317	408	0.07%	0.009%
10	5.196	537	540	542	rBV2	412	444	0.07%	0.009%
11	5.220	542	544	549	rVB3	259	399	0.07%	0.008%
12	5.745	628	630	635	rVB2	562	636	0.10%	0.013%
13	5.940	651	662	674	rVV2	23496	68932	11.28%	1.449%
14	6.507	751	755	760	rVB2	253	528	0.09%	0.011%
15	6.574	764	766	771	rVB2	246	340	0.06%	0.007%
16	7.092	842	851	856	rBV	19140	52309	8.56%	1.099%
17	7.153	856	861	874	rVB2	23441	64871	10.62%	1.363%
18	7.543	922	925	928	rBV2	491	546	0.09%	0.011%
19	7.653	932	943	955	rBV	100743	241463	39.52%	5.075%
20	7.970	992	995	1003	rVB2	343	707	0.12%	0.015%
21	8.031	1003	1005	1009	rBV2	235	375	0.06%	0.008%
22	8.281	1032	1046	1060	rBV2	175899	551809	90.31%	11.598%
23	8.403	1063	1066	1067	rVV3	483	579	0.09%	0.012%
24	8.488	1077	1080	1083	rVB2	345	387	0.06%	0.008%
25	8.848	1130	1139	1147	rBV	240787	470737	77.04%	9.894%
26	9.006	1162	1165	1168	rBV2	318	468	0.08%	0.010%
27	9.043	1168	1171	1172	rBV	638	581	0.10%	0.012%
28	9.079	1172	1177	1183	rVB6	1697	3864	0.63%	0.081%
29	9.281	1201	1210	1219	rBV	125699	255863	41.87%	5.378%
30	9.470	1237	1241	1242	rBV2	371	492	0.08%	0.010%
31	9.518	1247	1249	1252	rVB2	336	402	0.07%	0.008%
32	9.659	1270	1272	1277	rVV4	633	847	0.14%	0.018%
33	9.762	1281	1289	1296	rVB4	2126	4113	0.67%	0.086%
34	9.896	1303	1311	1319	rBV2	5971	12987	2.13%	0.273%

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Title : VOC Analysis

35	10.037	1323	1334	1342	rBV	65040	121100	19.82%	2.545%
36	10.219	1358	1364	1365	rBV2	1051	1501	0.25%	0.032%
37	10.250	1366	1369	1374	rVV4	2378	3981	0.65%	0.084%
38	10.329	1374	1382	1390	rVV	245125	425521	69.64%	8.943%
39	10.384	1390	1391	1397	rVB3	1243	1564	0.26%	0.033%
40	10.579	1417	1423	1430	rVV	48006	82293	13.47%	1.730%
41	10.707	1438	1444	1451	rVV	16033	29943	4.90%	0.629%
42	10.774	1451	1455	1458	rVV3	660	1193	0.20%	0.025%
43	10.854	1465	1468	1472	rVV3	643	1028	0.17%	0.022%
44	10.933	1474	1481	1494	rVV	83177	149122	24.41%	3.134%
45	11.067	1497	1503	1515	rVB	24205	41968	6.87%	0.882%
46	11.177	1517	1521	1529	rVV5	1419	2302	0.38%	0.048%
47	11.402	1554	1558	1560	rBV3	573	637	0.10%	0.013%
48	11.445	1560	1565	1571	rVB3	11201	18281	2.99%	0.384%
49	11.634	1587	1596	1608	rBV	367306	611024	100.00%	12.842%
50	11.847	1621	1631	1635	rVV4	649	1644	0.27%	0.035%
51	11.945	1645	1647	1649	rVV	370	422	0.07%	0.009%
52	11.969	1649	1651	1654	rVV2	320	342	0.06%	0.007%
53	12.000	1654	1656	1658	rVV3	364	337	0.06%	0.007%
54	12.183	1680	1686	1692	rVB4	591	1020	0.17%	0.021%
55	12.402	1720	1722	1725	rBV	244	346	0.06%	0.007%
56	12.475	1732	1734	1738	rVV3	511	619	0.10%	0.013%
57	12.615	1750	1757	1763	rVB	28395	45241	7.40%	0.951%
58	12.701	1763	1771	1778	rBV	125810	211766	34.66%	4.451%
59	12.762	1778	1781	1784	rBV3	450	692	0.11%	0.015%
60	12.938	1806	1810	1815	rVV	7502	10568	1.73%	0.222%
61	13.097	1833	1836	1837	rVB2	402	337	0.06%	0.007%
62	13.207	1849	1854	1856	rBV4	641	950	0.16%	0.020%
63	13.249	1858	1861	1863	rBV4	390	530	0.09%	0.011%
64	13.304	1863	1870	1878	rBV3	4922	7812	1.28%	0.164%
65	13.414	1885	1888	1894	rVB3	1118	1623	0.27%	0.034%
66	13.469	1894	1897	1901	rBV3	740	1085	0.18%	0.023%
67	13.518	1901	1905	1906	rVV3	839	833	0.14%	0.018%
68	13.566	1906	1913	1920	rVV	307365	476985	78.06%	10.025%
69	13.652	1923	1927	1933	rVB4	9608	16026	2.62%	0.337%
70	13.768	1943	1946	1950	rBV4	1195	2033	0.33%	0.043%
71	13.859	1954	1961	1968	rBV	228218	361244	59.12%	7.592%

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Integration Parameters: LSCINT.P
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Title : VOC Analysis

72	13.963	1976	1978	1983	rVB3	1356	1422	0.23%	0.030%
73	14.018	1985	1987	1989	rBV2	894	1151	0.19%	0.024%
74	14.079	1993	1997	2002	rVB2	7553	12371	2.02%	0.260%
75	14.316	2032	2036	2037	rBV2	2195	2880	0.47%	0.061%
76	14.432	2049	2055	2060	rVB3	13418	21303	3.49%	0.448%
77	14.743	2102	2106	2111	rVB4	1761	2608	0.43%	0.055%
78	14.938	2136	2138	2140	rBV2	688	503	0.08%	0.011%
79	15.036	2152	2154	2156	rVB2	590	414	0.07%	0.009%
80	15.060	2156	2158	2161	rVB4	562	551	0.09%	0.012%
81	15.121	2164	2168	2171	rVB3	694	904	0.15%	0.019%
82	15.152	2171	2173	2175	rBV2	520	335	0.05%	0.007%
83	15.414	2214	2216	2217	rBV	470	400	0.07%	0.008%
84	15.450	2218	2222	2227	rVV2	2480	4050	0.66%	0.085%
85	15.511	2227	2232	2237	rVV	3165	5467	0.89%	0.115%
86	15.670	2254	2258	2261	rBV5	587	1014	0.17%	0.021%
87	15.700	2261	2263	2266	rVV3	550	607	0.10%	0.013%
88	15.786	2273	2277	2279	rBV4	504	742	0.12%	0.016%
89	15.871	2286	2291	2294	rBV4	606	1106	0.18%	0.023%
90	15.975	2304	2308	2309	rBV2	494	690	0.11%	0.015%
91	16.078	2323	2325	2328	rBV4	432	488	0.08%	0.010%
92	16.188	2342	2343	2348	rVB2	597	494	0.08%	0.010%
93	16.285	2357	2359	2361	rVV2	516	377	0.06%	0.008%
94	16.310	2361	2363	2368	rVB4	504	844	0.14%	0.018%
95	16.353	2368	2370	2372	rBV3	445	464	0.08%	0.010%
96	16.389	2374	2376	2379	rVV3	484	533	0.09%	0.011%
97	16.420	2379	2381	2384	rVB2	490	488	0.08%	0.010%
98	16.450	2384	2386	2389	rBV3	523	526	0.09%	0.011%
99	16.517	2396	2397	2399	rBV	558	375	0.06%	0.008%
100	16.712	2427	2429	2434	rVB5	650	814	0.13%	0.017%

Sum of corrected areas: 4757956

LSC Report - Integrated Chromatogram

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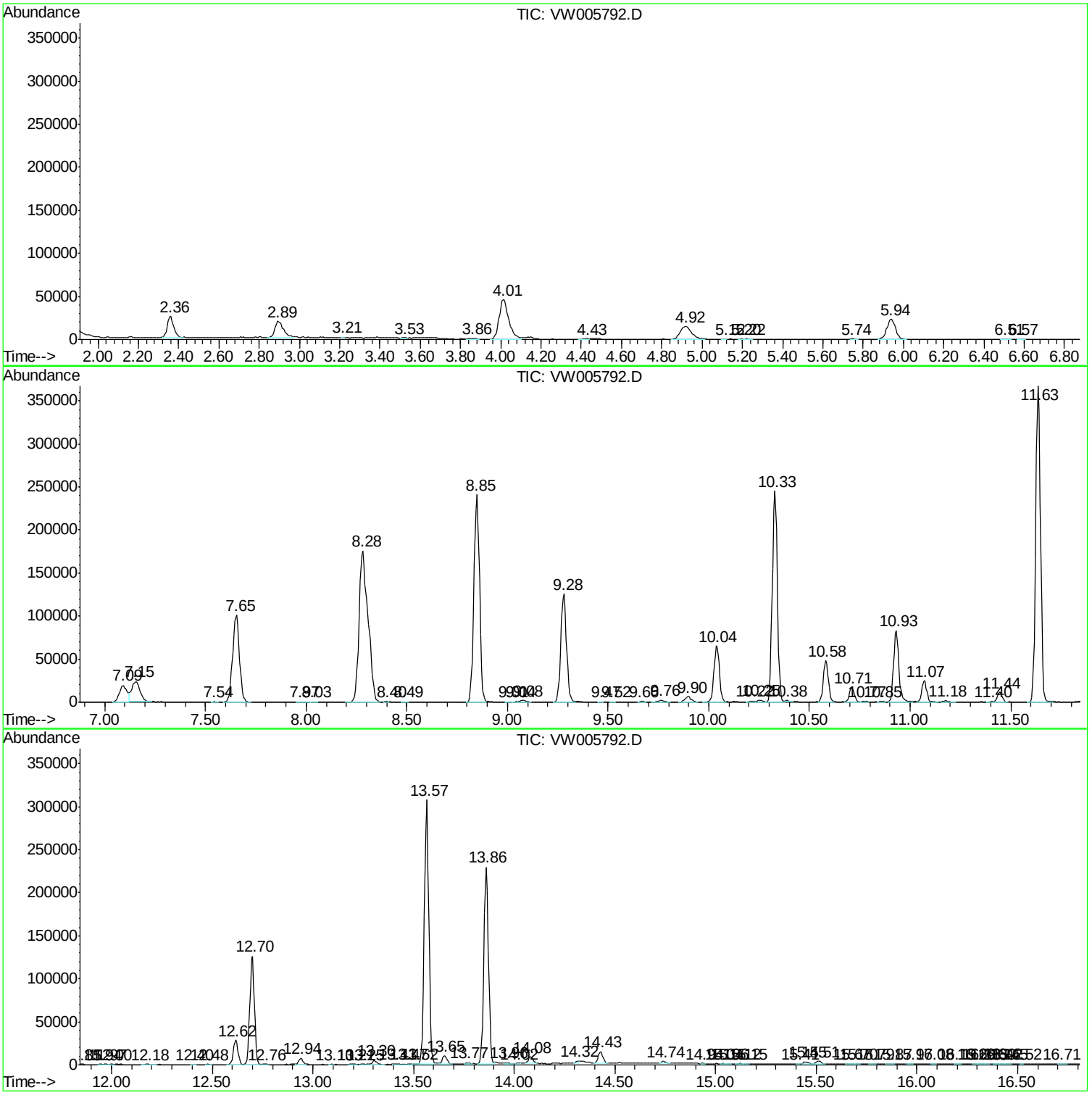
Instrument : MSVOA_W
ClientSampleId : JLC54

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis

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



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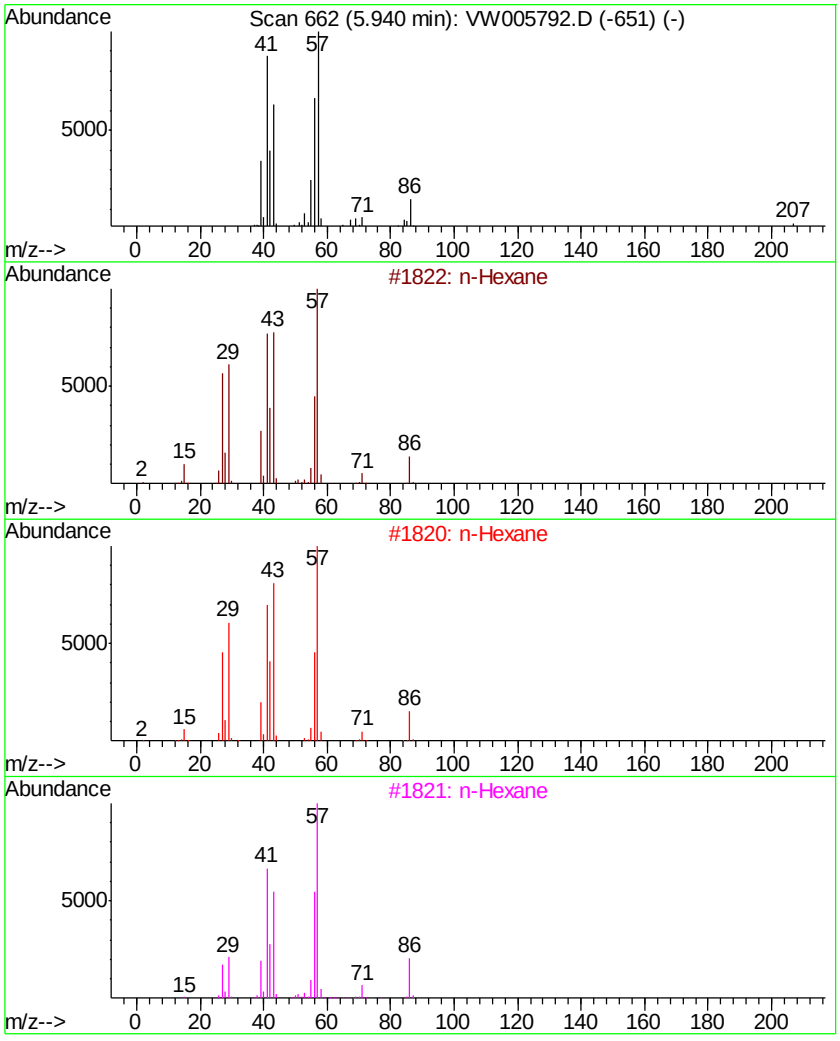
Quant Title : VOC Analysis

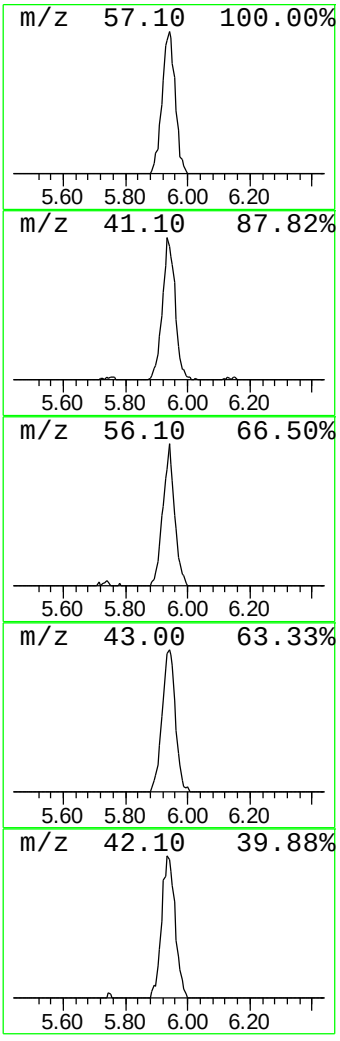
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.94	3.66 ug/L	68932	1,4-Difluorobenzene	8.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexane	86	C6H14	000110-54-3	86
2	n-Hexane	86	C6H14	000110-54-3	53
3	n-Hexane	86	C6H14	000110-54-3	53
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	43
5	Hydroperoxide, hexyl	118	C6H14O2	004312-76-9	40





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	5.94	3.7	ug/L	68932	1	8.85	470737	25.0