LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071319\
Data File : VW011235.D
Acq On : 12 Jul 2019 13:05
Operator : SY/VA
Sample : K3760-18
Misc : 5.27G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8Z6

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\SOM2WLM070219S.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	37	41	46	rBV	4955	10391	0.85%	0.107%
2	2.349	67	73	83	rVB	75849	132144	10.82%	1.359%
3	2.885	154	161	175	rBV	47608	124811	10.22%	1.284%
4	3.531	261	267	269	rBV4	867	1794	0.15%	0.018%
5	3.580	272	275	276	rVV3	965	991	0.08%	0.010%
6	3.855	310	320	322	rBV5	1906	3903	0.32%	0.040%
7	4.013	335	346	361	rBV	121986	409441	33.54%	4.211%
8	4.391	399	408	418	rBV3	3917	12746	1.04%	0.131%
9	4.501	423	426	429	rVB4	502	668	0.05%	0.007%
10	4.672	449	454	456	rVV3	794	1405	0.12%	0.014%
11	4.915	482	494	501	rBV7	2893	10395	0.85%	0.107%
12	5.098	521	524	526	rBV	566	519	0.04%	0.005%
13	5.147	529	532	533	rVV2	592	689	0.06%	0.007%
14	5.178	535	537	543	rVB5	592	977	0.08%	0.010%
15	5.391	568	572	574	rBV3	555	980	0.08%	0.010%
16	5.738	623	629	631	rBV4	432	601	0.05%	0.006%
17	5.860	647	649	653	rBV3	334	605	0.05%	0.006%
18	5.933	653	661	672	rVB4	3057	9459	0.77%	0.097%
19	6.122	689	692	695	rBV3	428	645	0.05%	0.007%
20	6.891	815	818	821	rBV3	386	523	0.04%	0.005%
21	7.067	839	847	871	rBV	46150	148189	12.14%	1.524%
22	7.256	874	878	881	rBV5	907	1517	0.12%	0.016%
23	7.647	930	942	953	rBV	196154	486091	39.81%	5.000%
24	7.933	982	989	990	rBV3	774	1242	0.10%	0.013%
25	8.073	1007	1012	1015	rBV4	602	891	0.07%	0.009%
26	8.153	1020	1025	1030	rBV4	447	1072	0.09%	0.011%
27	8.275	1034	1045	1060	rBV2	407386	1220895	100.00%	12.557%
28	8.390	1062	1064	1065	rBV2	1029	606	0.05%	0.006%
29	8.463	1074	1076	1080	rBV3	656	522	0.04%	0.005%
30	8.689	1108	1113	1120	rVB5	1308	2281	0.19%	0.023%
31	8.841	1129	1138	1151	rVV	489573	973904	79.77%	10.017%
32	8.933	1151	1153	1156	rVV4	515	684	0.06%	0.007%
33	9.043	1167	1171	1172	rBV3	953	1433	0.12%	0.015%
34	9.073	1172	1176	1182	rVV6	3159	6536	0.54%	0.067%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Title : VOC Analysis

35	9.274	1198	1209	1225	rBV	293396	602727	49.37%	6.199%
36	9.427	1233	1234	1237	rVB3	796	606	0.05%	0.006%
37	9.476	1241	1242	1246	rBV3	408	544	0.04%	0.006%
38	9.658	1266	1272	1280	rVB5	2755	6340	0.52%	0.065%
39	9.738	1282	1285	1288	rBV3	579	684	0.06%	0.007%
40	10.030	1325	1333	1343	rBV	151489	276318	22.63%	2.842%
41	10.122	1343	1348	1352	rBV5	1814	3108	0.25%	0.032%
42	10.201	1358	1361	1362	rBV2	640	620	0.05%	0.006%
43	10.323	1373	1381	1389	rBV	569059	987954	80.92%	10.161%
44	10.506	1409	1411	1415	rVB2	1012	1345	0.11%	0.014%
45	10.579	1415	1423	1435	rBV	97730	174460	14.29%	1.794%
46	10.664	1435	1437	1439	rVB3	629	543	0.04%	0.006%
47	10.701	1439	1443	1448	rBV3	1556	3026	0.25%	0.031%
48	10.750	1448	1451	1452	rBV3	541	593	0.05%	0.006%
49	10.859	1466	1469	1472	rVV5	1358	1705	0.14%	0.018%
50	10.920	1472	1479	1494	rVV	161500	285338	23.37%	2.935%
51	11.067	1498	1503	1510	rVV5	3619	6977	0.57%	0.072%
52	11.164	1516	1519	1524	rVB5	510	1050	0.09%	0.011%
53	11.365	1549	1552	1555	rVB4	491	593	0.05%	0.006%
54	11.463	1565	1568	1571	rBV5	563	801	0.07%	0.008%
55	11.628	1587	1595	1608	rBV	658723	1144688	93.76%	11.773%
56	11.731	1608	1612	1616	rVV2	2019	3554	0.29%	0.037%
57	11.841	1624	1630	1636	rBV4	2447	5266	0.43%	0.054%
58	12.018	1657	1659	1663	rVV4	655	1001	0.08%	0.010%
59	12.158	1677	1682	1689	rVV2	9708	18356	1.50%	0.189%
60	12.237	1692	1695	1701	rVV4	2643	3999	0.33%	0.041%
61	12.341	1707	1712	1717	rVV4	2706	4031	0.33%	0.041%
62	12.469	1728	1733	1736	rVV4	1314	2526	0.21%	0.026%
63	12.536	1742	1744	1747	rBV3	681	816	0.07%	0.008%
64	12.609	1751	1756	1762	rVV2	6753	10577	0.87%	0.109%
65	12.694	1762	1770	1776	rVV	220702	363315	29.76%	3.737%
66	12.755	1776	1780	1788	rVB7	6229	12606	1.03%	0.130%
67	12.816	1788	1790	1791	rBV2	1020	933	0.08%	0.010%
68	12.865	1796	1798	1799	rBV2	779	575	0.05%	0.006%
69	12.932	1805	1809	1814	rBV2	3736	6101	0.50%	0.063%
70	12.969	1814	1815	1820	rVB4	1961	2273	0.19%	0.023%
71	13.085	1827	1834	1839	rBV7	3294	5954	0.49%	0.061%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8Z6

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Title : VOC Analysis

72	13.146	1839	1844	1849	rVB2	4301	7409	0.61%	0.076%
73	13.213	1853	1855	1857	rBV3	649	625	0.05%	0.006%
74	13.286	1861	1867	1873	rVB5	6026	12550	1.03%	0.129%
75	13.396	1880	1885	1890	rBV7	4067	7554	0.62%	0.078%
76	13.481	1893	1899	1900	rBV4	2994	5506	0.45%	0.057%
77	13.560	1905	1912	1919	rVB	699293	1100061	90.10%	11.314%
78	13.652	1919	1927	1933	rBV	46322	76037	6.23%	0.782%
79	13.853	1953	1960	1968	rBV	493996	832068	68.15%	8.558%
80	14.023	1985	1988	1991	rVV3	2076	2402	0.20%	0.025%
81	14.072	1991	1996	2003	rVB2	11909	20891	1.71%	0.215%
82	14.231	2016	2022	2027	rBV5	4031	6964	0.57%	0.072%
83	14.328	2033	2038	2045	rVB3	10717	16640	1.36%	0.171%
84	14.529	2066	2071	2080	rVB2	13043	23170	1.90%	0.238%
85	14.633	2083	2088	2092	rBV4	4918	7839	0.64%	0.081%
86	14.688	2095	2097	2100	rBV4	1053	1125	0.09%	0.012%
87	14.731	2100	2104	2109	rVB5	2233	3535	0.29%	0.036%
88	14.877	2125	2128	2134	rVB6	2199	3125	0.26%	0.032%
89	14.938	2134	2138	2142	rBV4	4097	7672	0.63%	0.079%
90	14.981	2142	2145	2147	rBV3	2737	3545	0.29%	0.036%
91	15.078	2157	2161	2167	rVB4	5989	10441	0.86%	0.107%
92	15.182	2173	2178	2185	rBV2	14016	26346	2.16%	0.271%
93	15.249	2185	2189	2194	rVB5	8350	14639	1.20%	0.151%
94	15.548	2236	2238	2239	rBV2	1274	845	0.07%	0.009%
95	15.737	2264	2269	2274	rVB7	3050	5371	0.44%	0.055%
96	15.798	2274	2279	2285	rVB6	2333	5409	0.44%	0.056%
97	15.871	2287	2291	2296	rVV6	1160	1809	0.15%	0.019%
98	15.980	2301	2309	2314	rBV8	2283	6024	0.49%	0.062%
99	16.236	2349	2351	2354	rVB4	790	836	0.07%	0.009%
100	16.572	2402	2406	2407	rBV2	816	709	0.06%	0.007%

Sum of corrected areas: 9722600

LSC Report - Integrated Chromatogram

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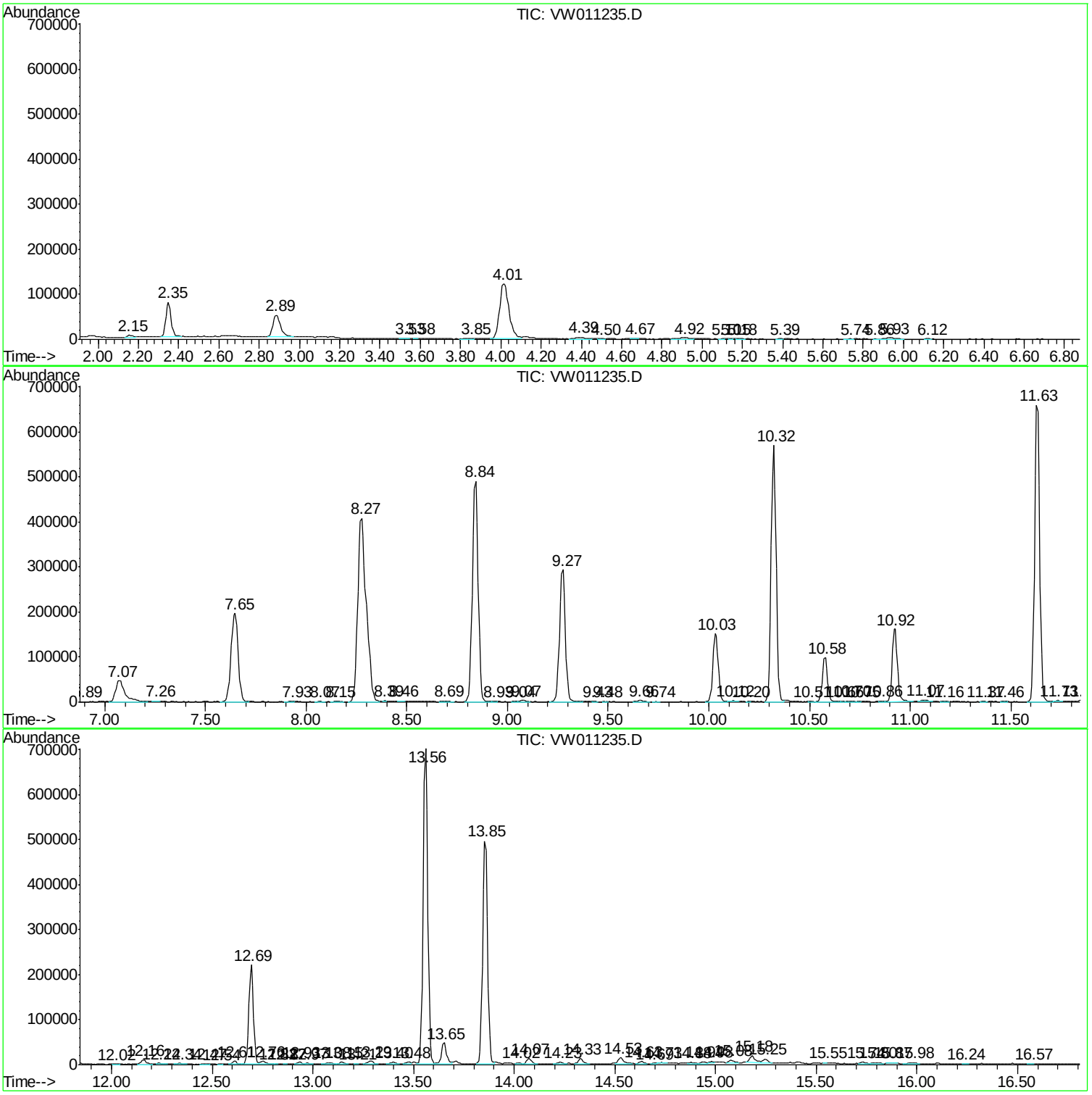
Instrument : MSVOA_W
ClientSampleId : DB8Z6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

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



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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM070219S.M
Quant Title : VOC Analysis

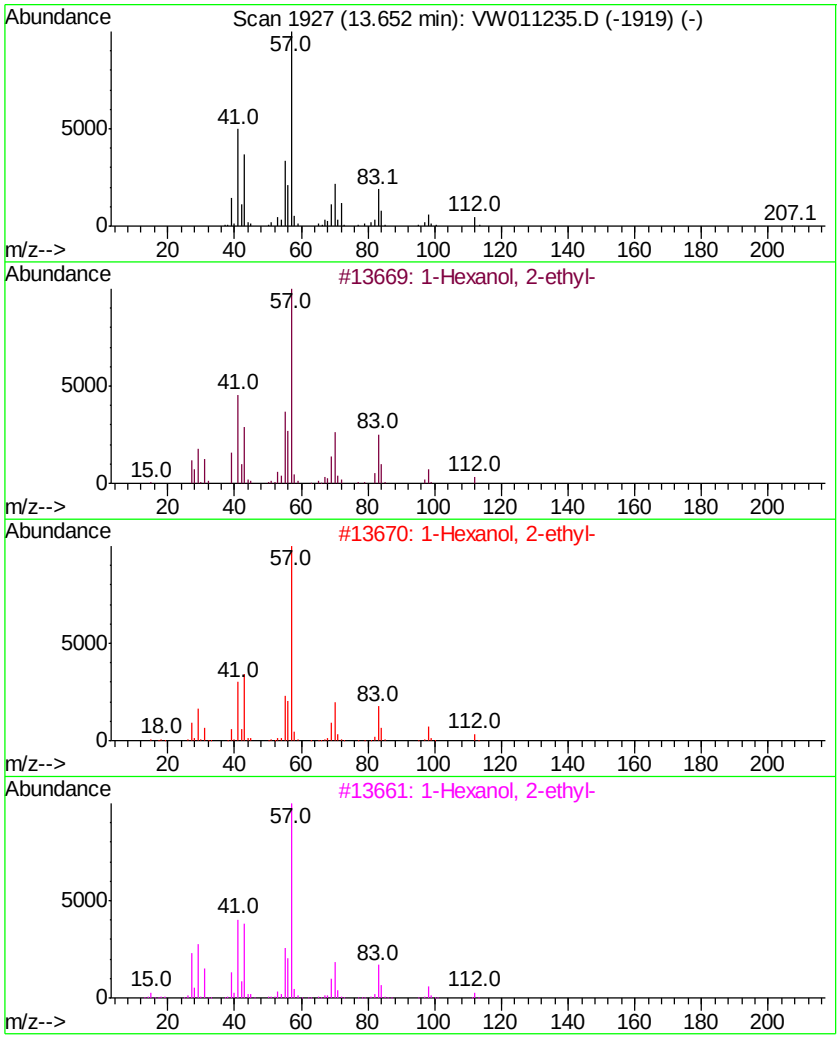
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

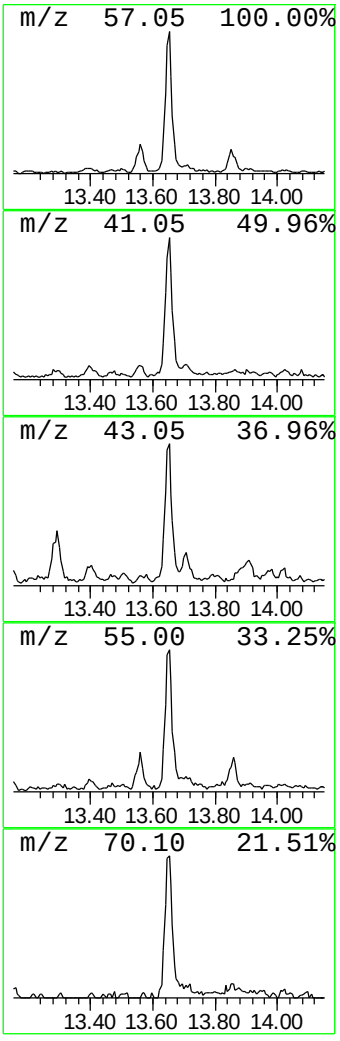
****

Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	1.73 ug/L	76037	1,4-Dichlorobenzene-d4	13.56

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	50
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	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
1-Hexanol, 2-ethyl-	13.65	1.7	ug/L	76037	3	13.56	1100060	25.0