LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062519\
Data File : VW010969.D
Acq On : 25 Jun 2019 15:43
Operator : SY/VA
Sample : K3456-14
Misc : 3.29G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANT8

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\SOM2WLM062419S.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	2.160	37	42	48	rBV2	19101	39081	2.88%	0.394%
2	2.343	67	72	85	rVB	84036	158826	11.71%	1.601%
3	2.879	154	160	173	rVB	53682	127282	9.39%	1.283%
4	3.458	254	255	257	rBV2	598	479	0.04%	0.005%
5	3.544	259	269	273	rVV3	1861	5642	0.42%	0.057%
6	3.721	295	298	303	rVB5	679	1230	0.09%	0.012%
7	3.776	306	307	310	rVB3	668	535	0.04%	0.005%
8	3.800	310	311	313	rBV2	570	496	0.04%	0.005%
9	3.861	313	321	329	rBV6	2226	6616	0.49%	0.067%
10	4.013	333	346	360	rBV	133806	447012	32.96%	4.505%
11	4.391	398	408	420	rBV3	7258	24788	1.83%	0.250%
12	4.513	425	428	430	rVB3	849	846	0.06%	0.009%
13	4.763	468	469	473	rBV3	325	510	0.04%	0.005%
14	4.916	481	494	510	rBV5	9084	38410	2.83%	0.387%
15	5.208	541	542	546	rVB2	592	487	0.04%	0.005%
16	5.665	615	617	619	rVB	565	489	0.04%	0.005%
17	5.928	650	660	661	rBV2	3354	5927	0.44%	0.060%
18	6.086	681	686	689	rBV3	338	625	0.05%	0.006%
19	6.470	745	749	751	rBV	623	657	0.05%	0.007%
20	6.507	751	755	758	rVB	625	586	0.04%	0.006%
21	6.763	794	797	800	rBV2	391	578	0.04%	0.006%
22	7.074	837	848	853	rBV	46844	126012	9.29%	1.270%
23	7.135	855	858	874	rVB	51415	127113	9.37%	1.281%
24	7.525	920	922	925	rVV2	413	597	0.04%	0.006%
25	7.641	931	941	955	rVV	220711	538661	39.72%	5.429%
26	7.744	955	958	960	rVV3	396	466	0.03%	0.005%
27	7.842	971	974	976	rBV	576	745	0.05%	0.008%
28	8.147	1020	1024	1025	rBV2	498	538	0.04%	0.005%
29	8.275	1034	1045	1060	rBV2	471574	1356168	100.00%	13.669%
30	8.372	1060	1061	1063	rVV2	719	657	0.05%	0.007%
31	8.397	1063	1065	1068	rVV3	782	1021	0.08%	0.010%
32	8.634	1103	1104	1106	rVB2	880	522	0.04%	0.005%
33	8.689	1110	1113	1115	rBV3	469	572	0.04%	0.006%
34	8.842	1128	1138	1155	rBV	449167	872136	64.31%	8.790%

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Instrument : MSVOA_W
ClientSampleId : YANT8

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\SOM2WLM062419S.M
Title : VOC Analysis

35	9.025	1166	1168	1169	rBV2	658	525	0.04%	0.005%
36	9.079	1169	1177	1186	rVB3	8849	20088	1.48%	0.202%
37	9.177	1192	1193	1197	rVB3	400	469	0.03%	0.005%
38	9.275	1197	1209	1218	rBV	323326	660763	48.72%	6.660%
39	9.665	1266	1273	1278	rVV7	1970	4239	0.31%	0.043%
40	9.756	1285	1288	1290	rBV2	535	538	0.04%	0.005%
41	9.878	1305	1308	1309	rBV2	531	527	0.04%	0.005%
42	9.896	1309	1311	1314	rVB3	813	841	0.06%	0.008%
43	9.945	1317	1319	1323	rVB	451	510	0.04%	0.005%
44	10.037	1323	1334	1342	rBV	162125	298932	22.04%	3.013%
45	10.116	1345	1347	1356	rVB5	1464	2858	0.21%	0.029%
46	10.213	1356	1363	1370	rBV6	2411	5292	0.39%	0.053%
47	10.323	1373	1381	1388	rVV	643303	1109023	81.78%	11.178%
48	10.390	1388	1392	1401	rVB2	5140	9968	0.74%	0.100%
49	10.512	1405	1412	1414	rBV2	508	612	0.05%	0.006%
50	10.579	1415	1423	1431	rBV	102951	178702	13.18%	1.801%
51	10.707	1438	1444	1451	rVB	15230	26601	1.96%	0.268%
52	10.762	1451	1453	1457	rVB3	391	475	0.04%	0.005%
53	10.860	1464	1469	1473	rBV6	1101	2016	0.15%	0.020%
54	10.927	1473	1480	1496	rBV	177733	302947	22.34%	3.053%
55	11.067	1496	1503	1511	rBV	40095	68943	5.08%	0.695%
56	11.183	1517	1522	1529	rVB7	1693	3946	0.29%	0.040%
57	11.402	1554	1558	1560	rBV3	841	1257	0.09%	0.013%
58	11.439	1560	1564	1569	rVB2	4823	7536	0.56%	0.076%
59	11.512	1573	1576	1579	rBV4	527	660	0.05%	0.007%
60	11.634	1587	1596	1605	rBV	584593	1002913	73.95%	10.108%
61	11.731	1610	1612	1615	rVB4	1512	1684	0.12%	0.017%
62	11.841	1620	1630	1634	rBV2	7373	19257	1.42%	0.194%
63	12.384	1717	1719	1722	rVB3	475	463	0.03%	0.005%
64	12.469	1729	1733	1736	rBV6	959	1521	0.11%	0.015%
65	12.542	1742	1745	1746	rBV2	562	571	0.04%	0.006%
66	12.609	1751	1756	1763	rVV	19430	32783	2.42%	0.330%
67	12.695	1763	1770	1778	rVV	217047	354517	26.14%	3.573%
68	12.896	1798	1803	1805	rVV4	2561	4510	0.33%	0.045%
69	12.939	1805	1810	1815	rVV	8975	14963	1.10%	0.151%
70	13.006	1819	1821	1823	rVV3	620	503	0.04%	0.005%
71	13.036	1823	1826	1830	rVV4	702	1164	0.09%	0.012%

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Instrument : MSVOA_W
ClientSampleId : YANT8

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 >
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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Title : VOC Analysis

72	13.085	1832	1834	1838	rVV4	941	1211	0.09%	0.012%
73	13.195	1845	1852	1858	rVB5	1888	4017	0.30%	0.040%
74	13.249	1858	1861	1865	rBV5	1764	2893	0.21%	0.029%
75	13.298	1866	1869	1873	rVB4	1908	3039	0.22%	0.031%
76	13.408	1879	1887	1892	rBV2	3929	7488	0.55%	0.075%
77	13.481	1894	1899	1901	rBV6	1489	2828	0.21%	0.029%
78	13.560	1905	1912	1919	rVV	555634	885823	65.32%	8.928%
79	13.652	1922	1927	1941	rVB	42760	73351	5.41%	0.739%
80	13.762	1941	1945	1950	rBV4	2594	5068	0.37%	0.051%
81	13.853	1953	1960	1968	rBV	502329	829484	61.16%	8.360%
82	14.072	1992	1996	2002	rVB	9045	13840	1.02%	0.139%
83	14.200	2014	2017	2020	rBV4	1270	1669	0.12%	0.017%
84	14.310	2030	2035	2036	rBV3	2932	3658	0.27%	0.037%
85	14.426	2049	2054	2061	rVB2	9333	16196	1.19%	0.163%
86	14.505	2065	2067	2070	rBV3	618	632	0.05%	0.006%
87	14.633	2086	2088	2092	rVB3	1033	1212	0.09%	0.012%
88	14.664	2092	2093	2095	rBV2	586	583	0.04%	0.006%
89	14.841	2120	2122	2126	rBV3	710	1050	0.08%	0.011%
90	15.377	2207	2210	2214	rVV4	1379	1741	0.13%	0.018%
91	15.444	2215	2221	2227	rVV	17340	28926	2.13%	0.292%
92	15.499	2228	2230	2234	rVB3	1484	2053	0.15%	0.021%
93	15.572	2240	2242	2246	rVB4	712	671	0.05%	0.007%
94	15.761	2271	2273	2274	rBV	874	720	0.05%	0.007%
95	15.926	2299	2300	2302	rBV3	890	614	0.05%	0.006%
96	15.975	2306	2308	2309	rBV2	586	519	0.04%	0.005%
97	16.115	2328	2331	2332	rBV2	610	589	0.04%	0.006%
98	16.365	2370	2372	2374	rVB2	864	617	0.05%	0.006%
99	16.383	2374	2375	2376	rBV	861	460	0.03%	0.005%
100	16.487	2390	2392	2396	rBV4	934	1240	0.09%	0.012%

Sum of corrected areas: 9921619

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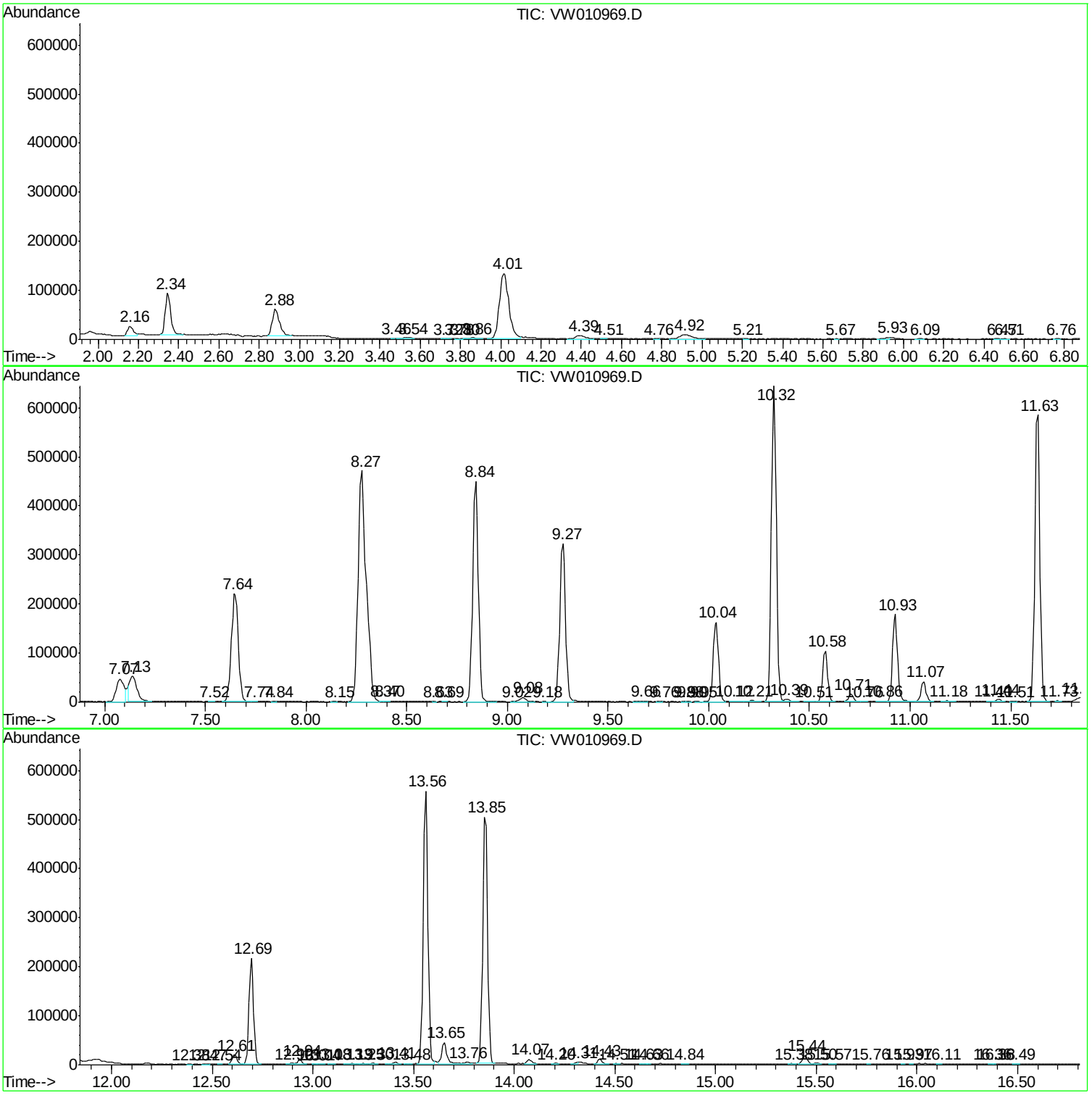
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062519\
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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANT8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis

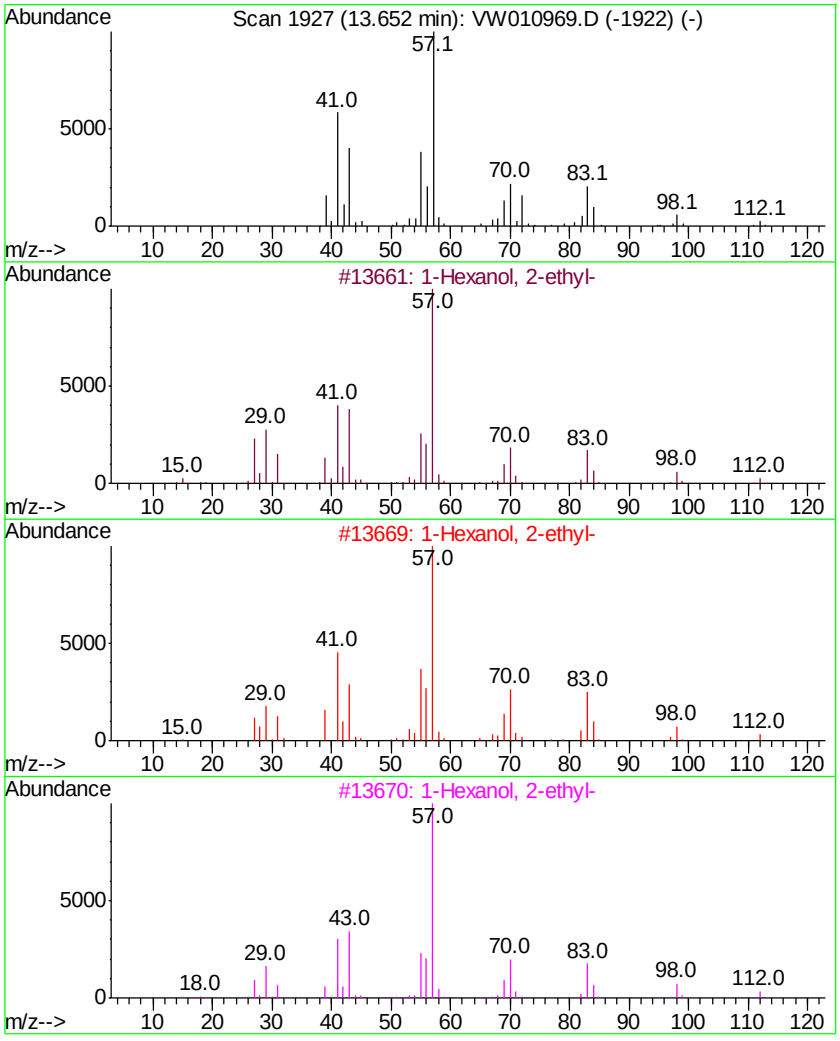
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

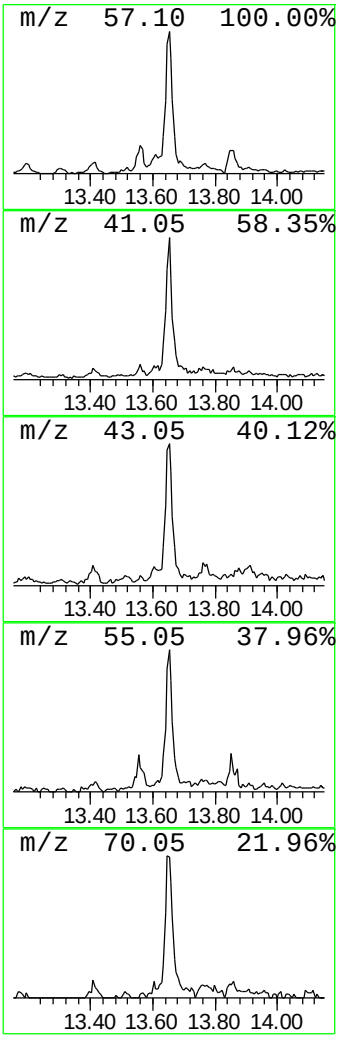
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.07 ug/L	73351	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	72
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	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	2.1	ug/L	73351	3	13.56	885823	25.0