LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062519\
Data File : VW010959.D
Acq On : 25 Jun 2019 10:25
Operator : SY/VA
Sample : K3460-03
Misc : 4.57G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANT3

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	2.349	68	73	82	rVB	46713	86591	7.77%	1.047%
2	2.885	154	161	174	rVB	36841	93473	8.39%	1.130%
3	3.513	259	264	265	rBV4	610	881	0.08%	0.011%
4	3.532	265	267	269	rBV2	862	675	0.06%	0.008%
5	3.629	281	283	287	rVB4	836	1094	0.10%	0.013%
6	3.861	318	321	327	rBV6	1206	2088	0.19%	0.025%
7	4.013	335	346	361	rBV	82810	278259	24.97%	3.365%
8	4.385	402	407	408	rBV3	2090	2758	0.25%	0.033%
9	4.605	435	443	449	rBV5	1432	4364	0.39%	0.053%
10	4.909	484	493	502	rBV5	3514	14029	1.26%	0.170%
11	5.196	538	540	544	rVB3	541	546	0.05%	0.007%
12	5.415	575	576	579	rVB2	515	440	0.04%	0.005%
13	5.446	579	581	583	rVB3	723	644	0.06%	0.008%
14	5.470	583	585	588	rBV3	646	918	0.08%	0.011%
15	5.501	588	590	596	rVB5	508	636	0.06%	0.008%
16	5.745	625	630	631	rBV3	408	653	0.06%	0.008%
17	5.763	631	633	637	rVB3	388	464	0.04%	0.006%
18	5.891	650	654	655	rBV2	351	552	0.05%	0.007%
19	5.927	655	660	661	rBV2	1591	2042	0.18%	0.025%
20	6.360	729	731	735	rBV2	441	498	0.04%	0.006%
21	6.482	749	751	753	rBV3	380	456	0.04%	0.006%
22	6.574	765	766	770	rVB2	546	458	0.04%	0.006%
23	6.726	789	791	794	rVB3	531	608	0.05%	0.007%
24	6.757	794	796	797	rBV	534	452	0.04%	0.005%
25	6.811	802	805	807	rBV2	583	791	0.07%	0.010%
26	6.891	814	818	820	rBV2	575	879	0.08%	0.011%
27	6.939	823	826	829	rVB3	459	589	0.05%	0.007%
28	7.074	839	848	853	rBV2	40383	111727	10.03%	1.351%
29	7.281	880	882	885	rBV2	632	823	0.07%	0.010%
30	7.336	889	891	894	rVB3	560	523	0.05%	0.006%
31	7.421	903	905	907	rBV2	450	460	0.04%	0.006%
32	7.531	920	923	925	rBV4	589	810	0.07%	0.010%
33	7.647	931	942	953	rBV	178721	442595	39.72%	5.353%
34	7.951	990	992	995	rVB2	492	464	0.04%	0.006%

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Instrument : MSVOA_W
ClientSampleId : YANT3

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

35	8.275	1034	1045	1061	rBV2	353476	1114214	100.00%	13.476%
36	8.390	1061	1064	1067	rBV5	722	906	0.08%	0.011%
37	8.622	1099	1102	1108	rVB5	664	1014	0.09%	0.012%
38	8.689	1108	1113	1115	rBV3	625	970	0.09%	0.012%
39	8.842	1129	1138	1150	rBV	351466	709970	63.72%	8.587%
40	9.031	1166	1169	1170	rVV3	489	601	0.05%	0.007%
41	9.079	1170	1177	1184	rVV4	7056	15003	1.35%	0.181%
42	9.274	1200	1209	1218	rBV	274326	568217	51.00%	6.872%
43	9.451	1234	1238	1240	rVB2	592	747	0.07%	0.009%
44	9.665	1265	1273	1281	rBV6	2215	5331	0.48%	0.064%
45	9.884	1303	1309	1313	rBV5	664	1421	0.13%	0.017%
46	10.030	1326	1333	1341	rVV	130384	237390	21.31%	2.871%
47	10.128	1345	1349	1354	rVB5	1355	2742	0.25%	0.033%
48	10.213	1358	1363	1368	rBV3	1728	3652	0.33%	0.044%
49	10.323	1373	1381	1388	rBV	475151	846283	75.95%	10.235%
50	10.384	1388	1391	1400	rVB2	5686	11272	1.01%	0.136%
51	10.518	1409	1413	1414	rBV3	415	599	0.05%	0.007%
52	10.579	1416	1423	1431	rBV	87386	155323	13.94%	1.879%
53	10.701	1437	1443	1451	rBV2	22848	43484	3.90%	0.526%
54	10.866	1468	1470	1472	rVB3	1056	845	0.08%	0.010%
55	10.927	1473	1480	1491	rVV	156623	279945	25.12%	3.386%
56	11.067	1497	1503	1514	rVB	32847	56579	5.08%	0.684%
57	11.177	1517	1521	1524	rBV3	1373	1850	0.17%	0.022%
58	11.439	1557	1564	1570	rVB2	5280	9311	0.84%	0.113%
59	11.561	1580	1584	1585	rBV3	505	590	0.05%	0.007%
60	11.634	1588	1596	1605	rBV	535709	923985	82.93%	11.175%
61	11.841	1626	1630	1635	rVV4	1211	2582	0.23%	0.031%
62	11.945	1643	1647	1649	rVB2	570	769	0.07%	0.009%
63	11.975	1649	1652	1653	rBV3	593	500	0.04%	0.006%
64	12.060	1665	1666	1669	rBV3	439	449	0.04%	0.005%
65	12.121	1672	1676	1677	rBV2	430	548	0.05%	0.007%
66	12.170	1677	1684	1689	rBV7	1779	3635	0.33%	0.044%
67	12.341	1706	1712	1715	rBV5	793	1276	0.11%	0.015%
68	12.475	1729	1734	1736	rBV4	943	1273	0.11%	0.015%
69	12.609	1750	1756	1763	rVB	21483	36539	3.28%	0.442%
70	12.695	1763	1770	1777	rBV	213128	351230	31.52%	4.248%
71	12.755	1777	1780	1787	rVB3	6791	10838	0.97%	0.131%

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Instrument : MSVOA_W
ClientSampleId : YANT3

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

72	12.816	1788	1790	1793	rVB4	640	538	0.05%	0.007%
73	12.896	1799	1803	1806	rVV2	4746	7398	0.66%	0.089%
74	12.932	1806	1809	1816	rVB2	8248	13007	1.17%	0.157%
75	13.030	1821	1825	1826	rBV4	416	517	0.05%	0.006%
76	13.066	1829	1831	1834	rBV3	390	466	0.04%	0.006%
77	13.140	1839	1843	1844	rBV3	372	547	0.05%	0.007%
78	13.170	1846	1848	1849	rBV2	702	542	0.05%	0.007%
79	13.194	1849	1852	1856	rVB4	1509	1862	0.17%	0.023%
80	13.255	1859	1862	1863	rBV3	577	534	0.05%	0.006%
81	13.298	1865	1869	1878	rVB6	1832	3666	0.33%	0.044%
82	13.414	1880	1888	1892	rBV4	3490	7510	0.67%	0.091%
83	13.505	1896	1903	1905	rBV6	2187	4547	0.41%	0.055%
84	13.560	1905	1912	1922	rBV	539328	853905	76.64%	10.327%
85	13.652	1922	1927	1935	rVB	39929	63158	5.67%	0.764%
86	13.768	1942	1946	1950	rBV5	2178	3106	0.28%	0.038%
87	13.859	1954	1961	1971	rVV	459208	768552	68.98%	9.295%
88	14.078	1992	1997	2003	rVB2	10120	16066	1.44%	0.194%
89	14.334	2035	2039	2043	rBV5	3949	6312	0.57%	0.076%
90	14.426	2051	2054	2058	rVB5	2738	3935	0.35%	0.048%
91	14.627	2085	2087	2094	rVB8	2747	3648	0.33%	0.044%
92	15.133	2167	2170	2175	rVB6	2451	3918	0.35%	0.047%
93	15.371	2206	2209	2212	rBV3	2607	3384	0.30%	0.041%
94	15.444	2216	2221	2226	rVV	17726	28956	2.60%	0.350%
95	15.505	2226	2231	2237	rVV2	5780	10719	0.96%	0.130%
96	15.554	2237	2239	2246	rVB7	1768	3150	0.28%	0.038%
97	15.773	2272	2275	2277	rBV4	1008	1207	0.11%	0.015%
98	16.212	2345	2347	2349	rVB2	867	607	0.05%	0.007%
99	16.444	2383	2385	2388	rVV3	662	840	0.08%	0.010%
100	16.499	2392	2394	2398	rVB5	714	621	0.06%	0.008%

Sum of corrected areas: 8268341

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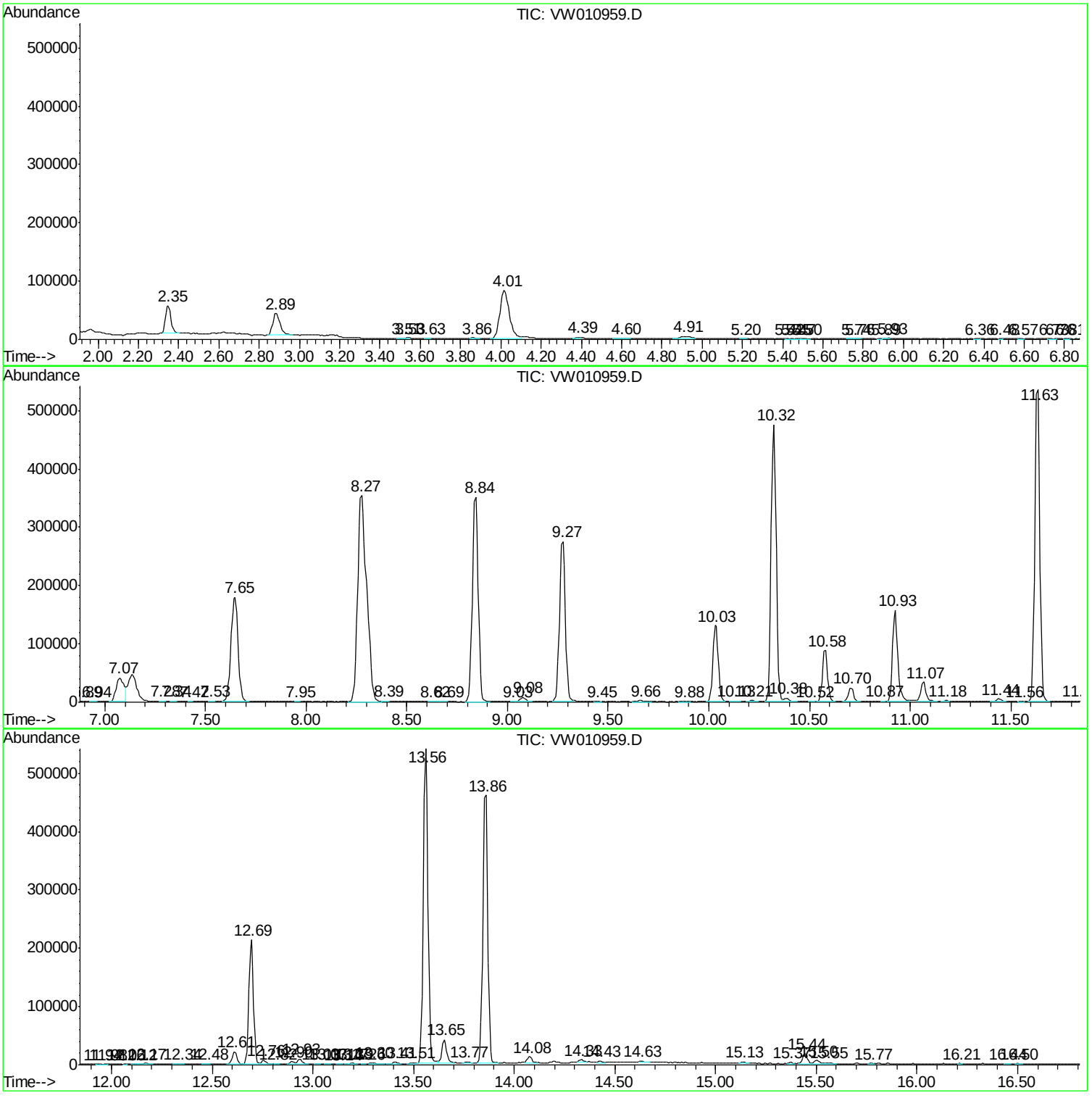
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis

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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Instrument : MSVOA_W
ClientSampleId : YANT3

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

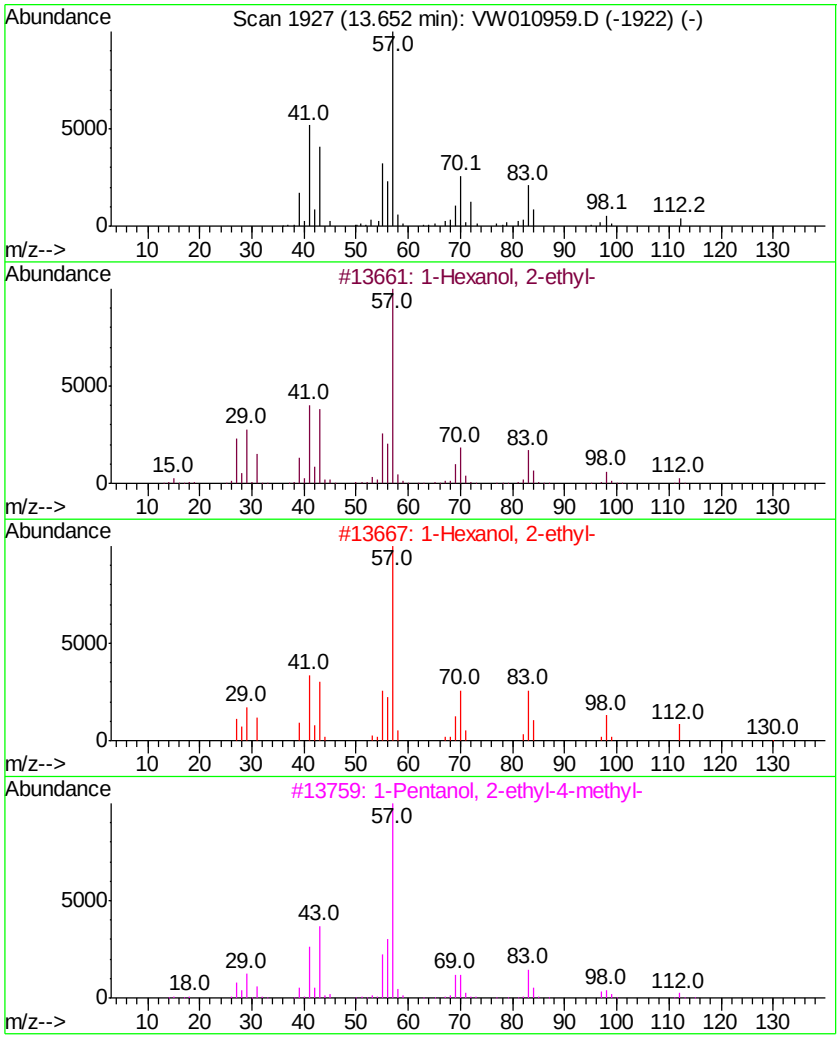
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

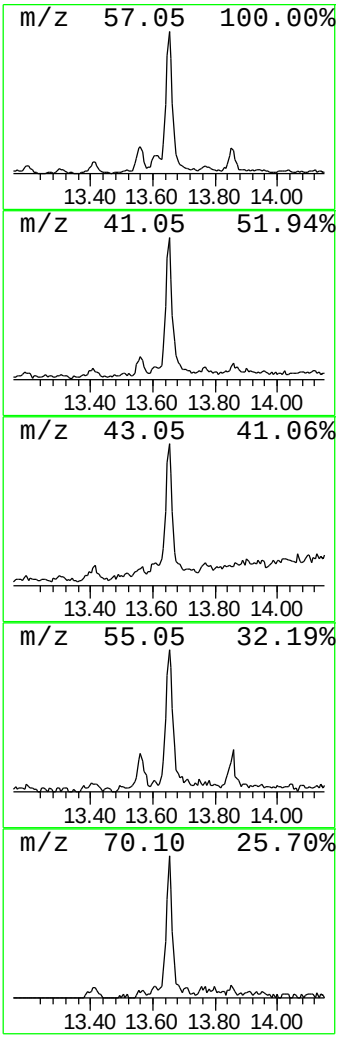
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	1.85 ug/L	63158	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	64
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56
3	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	50
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50
5	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	47





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	1.9	ug/L	63158	3	13.56	853905	25.0