LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062519\
Data File : VW010985.D
Acq On : 25 Jun 2019 23:30
Operator : SY/VA
Sample : K3460-13
Misc : 4.18G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANW7

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	2.343	66	72	87	rVB	73282	144451	10.71%	1.563%
2	2.885	153	161	174	rBV	46275	122423	9.07%	1.325%
3	3.471	255	257	259	rBV2	493	513	0.04%	0.006%
4	3.873	314	323	327	rBV5	1965	5925	0.44%	0.064%
5	4.013	335	346	361	rBV2	122470	405670	30.06%	4.391%
6	4.385	400	407	409	rBV3	1949	3524	0.26%	0.038%
7	4.483	421	423	425	rBV3	442	552	0.04%	0.006%
8	4.611	438	444	446	rBV4	439	696	0.05%	0.008%
9	4.916	482	494	507	rBV3	7101	29555	2.19%	0.320%
10	5.098	521	524	526	rVV2	588	629	0.05%	0.007%
11	5.141	530	531	534	rVV2	615	526	0.04%	0.006%
12	5.178	534	537	540	rVV4	384	569	0.04%	0.006%
13	5.263	549	551	554	rVV2	526	513	0.04%	0.006%
14	5.379	566	570	573	rBV3	607	829	0.06%	0.009%
15	5.544	595	597	601	rVB2	391	547	0.04%	0.006%
16	5.763	630	633	636	rVV3	492	754	0.06%	0.008%
17	5.940	652	662	670	rVB6	3024	9306	0.69%	0.101%
18	6.123	690	692	694	rVV2	732	586	0.04%	0.006%
19	6.428	738	742	744	rBV3	560	672	0.05%	0.007%
20	6.458	744	747	750	rVB4	470	564	0.04%	0.006%
21	6.647	774	778	782	rVB3	458	859	0.06%	0.009%
22	7.074	835	848	854	rBV	53616	154391	11.44%	1.671%
23	7.360	891	895	896	rBV4	504	754	0.06%	0.008%
24	7.525	920	922	928	rVV2	779	898	0.07%	0.010%
25	7.641	929	941	954	rVV	213823	530158	39.29%	5.738%
26	7.830	968	972	975	rBV3	571	1032	0.08%	0.011%
27	7.885	979	981	986	rVB3	479	670	0.05%	0.007%
28	7.933	986	989	990	rBV	558	660	0.05%	0.007%
29	8.067	1009	1011	1016	rVB3	542	718	0.05%	0.008%
30	8.275	1034	1045	1061	rVV2	446782	1349360	100.00%	14.605%
31	8.409	1065	1067	1070	rVB4	1053	969	0.07%	0.010%
32	8.476	1075	1078	1080	rVV2	499	675	0.05%	0.007%
33	8.622	1099	1102	1104	rBV3	553	611	0.05%	0.007%
34	8.689	1110	1113	1116	rBV5	406	517	0.04%	0.006%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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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	8.842	1129	1138	1155	rBV	412084	821865	60.91%	8.895%
36	8.976	1158	1160	1162	rVB	569	514	0.04%	0.006%
37	9.025	1164	1168	1170	rBV3	585	758	0.06%	0.008%
38	9.073	1170	1176	1186	rVB3	5483	11410	0.85%	0.123%
39	9.275	1199	1209	1223	rBV	324039	677355	50.20%	7.331%
40	9.445	1234	1237	1240	rVB2	560	777	0.06%	0.008%
41	9.659	1265	1272	1285	rBV6	2577	5845	0.43%	0.063%
42	10.031	1322	1333	1344	rBV	161129	296321	21.96%	3.207%
43	10.110	1344	1346	1347	rBV2	876	625	0.05%	0.007%
44	10.207	1358	1362	1369	rVB4	1448	2547	0.19%	0.028%
45	10.323	1372	1381	1389	rBV	589950	1035549	76.74%	11.208%
46	10.384	1389	1391	1396	rVB3	3499	5094	0.38%	0.055%
47	10.512	1410	1412	1415	rVB2	779	637	0.05%	0.007%
48	10.579	1415	1423	1431	rBV	105202	185962	13.78%	2.013%
49	10.646	1432	1434	1437	rVB4	829	725	0.05%	0.008%
50	10.707	1438	1444	1451	rVB	8871	15915	1.18%	0.172%
51	10.860	1464	1469	1472	rBV5	935	1496	0.11%	0.016%
52	10.927	1472	1480	1497	rBV	210412	386850	28.67%	4.187%
53	11.067	1497	1503	1511	rVB	23213	40141	2.97%	0.434%
54	11.177	1519	1521	1524	rVB4	810	961	0.07%	0.010%
55	11.329	1545	1546	1550	rBV4	441	557	0.04%	0.006%
56	11.390	1555	1556	1560	rVV4	456	554	0.04%	0.006%
57	11.433	1561	1563	1570	rVV6	1282	1952	0.14%	0.021%
58	11.512	1574	1576	1581	rVB3	571	829	0.06%	0.009%
59	11.579	1581	1587	1588	rBV2	349	620	0.05%	0.007%
60	11.628	1588	1595	1604	rBV	542717	928948	68.84%	10.054%
61	11.695	1604	1606	1608	rVV3	719	759	0.06%	0.008%
62	11.731	1608	1612	1617	rVB6	870	1382	0.10%	0.015%
63	11.841	1625	1630	1632	rBV4	2052	3546	0.26%	0.038%
64	12.103	1668	1673	1675	rVB4	605	793	0.06%	0.009%
65	12.158	1675	1682	1690	rBV7	2384	6347	0.47%	0.069%
66	12.244	1694	1696	1699	rVB4	696	653	0.05%	0.007%
67	12.506	1735	1739	1741	rBV4	443	579	0.04%	0.006%
68	12.609	1750	1756	1762	rBV3	10738	18247	1.35%	0.197%
69	12.695	1762	1770	1778	rVV	264221	423281	31.37%	4.581%
70	12.902	1799	1804	1805	rVV4	1918	3193	0.24%	0.035%
71	12.932	1805	1809	1815	rVB	10282	15308	1.13%	0.166%

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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
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

72	13.054	1826	1829	1831	rBV3	583	560	0.04%	0.006%
73	13.085	1831	1834	1836	rVV3	570	706	0.05%	0.008%
74	13.121	1838	1840	1843	rVV2	348	529	0.04%	0.006%
75	13.164	1845	1847	1849	rVV3	832	932	0.07%	0.010%
76	13.188	1849	1851	1856	rVV3	898	1405	0.10%	0.015%
77	13.249	1859	1861	1863	rVV2	1017	984	0.07%	0.011%
78	13.292	1865	1868	1874	rVB6	1618	2745	0.20%	0.030%
79	13.414	1883	1888	1892	rBV7	1319	2107	0.16%	0.023%
80	13.475	1895	1898	1900	rBV3	1045	1040	0.08%	0.011%
81	13.560	1904	1912	1919	rBV	454586	723669	53.63%	7.833%
82	13.652	1922	1927	1940	rVB	25905	45837	3.40%	0.496%
83	13.853	1953	1960	1967	rBV	430385	703449	52.13%	7.614%
84	14.072	1992	1996	2001	rVB2	8470	13334	0.99%	0.144%
85	14.133	2004	2006	2010	rVB4	950	858	0.06%	0.009%
86	14.329	2029	2038	2048	rBV6	5173	16033	1.19%	0.174%
87	14.420	2048	2053	2061	rVB2	10689	18189	1.35%	0.197%
88	14.566	2075	2077	2079	rBV3	576	522	0.04%	0.006%
89	14.725	2099	2103	2110	rVB5	2119	3733	0.28%	0.040%
90	14.987	2145	2146	2148	rBV2	708	530	0.04%	0.006%
91	15.145	2169	2172	2173	rBV3	797	793	0.06%	0.009%
92	15.334	2200	2203	2205	rBV2	731	1018	0.08%	0.011%
93	15.444	2215	2221	2227	rVB	12992	20490	1.52%	0.222%
94	15.499	2227	2230	2235	rVB3	2278	4194	0.31%	0.045%
95	15.554	2237	2239	2243	rVB4	1297	1541	0.11%	0.017%
96	15.676	2257	2259	2260	rBV2	815	832	0.06%	0.009%
97	15.975	2306	2308	2311	rBV3	710	763	0.06%	0.008%
98	16.023	2314	2316	2319	rBV4	705	1029	0.08%	0.011%
99	16.346	2367	2369	2371	rBV	725	612	0.05%	0.007%
100	16.603	2409	2411	2414	rVB4	915	811	0.06%	0.009%

Sum of corrected areas: 9239216

LSC Report - Integrated Chromatogram

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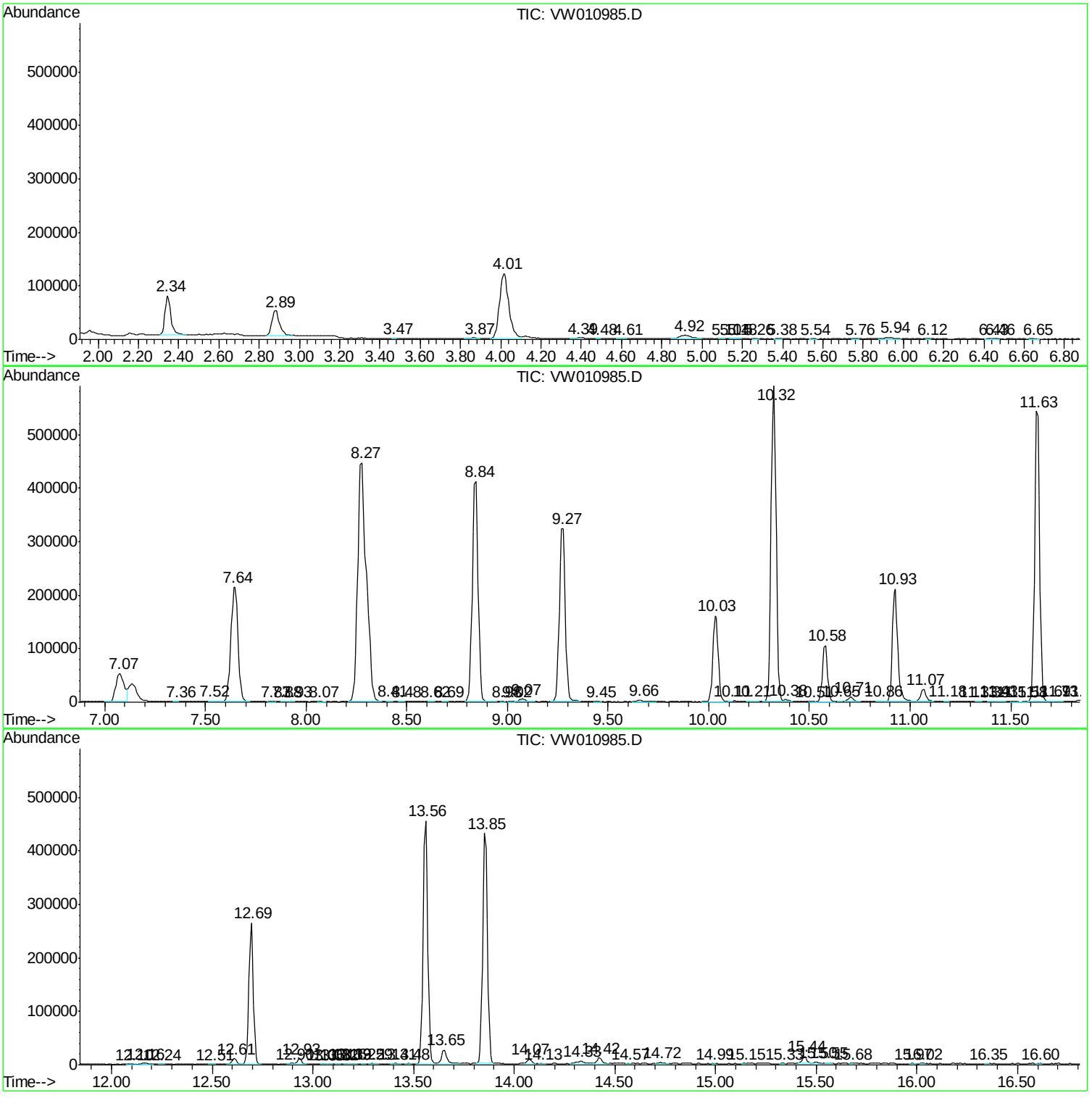
Instrument : MSVOA_W
ClientSampleId : YANW7

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



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

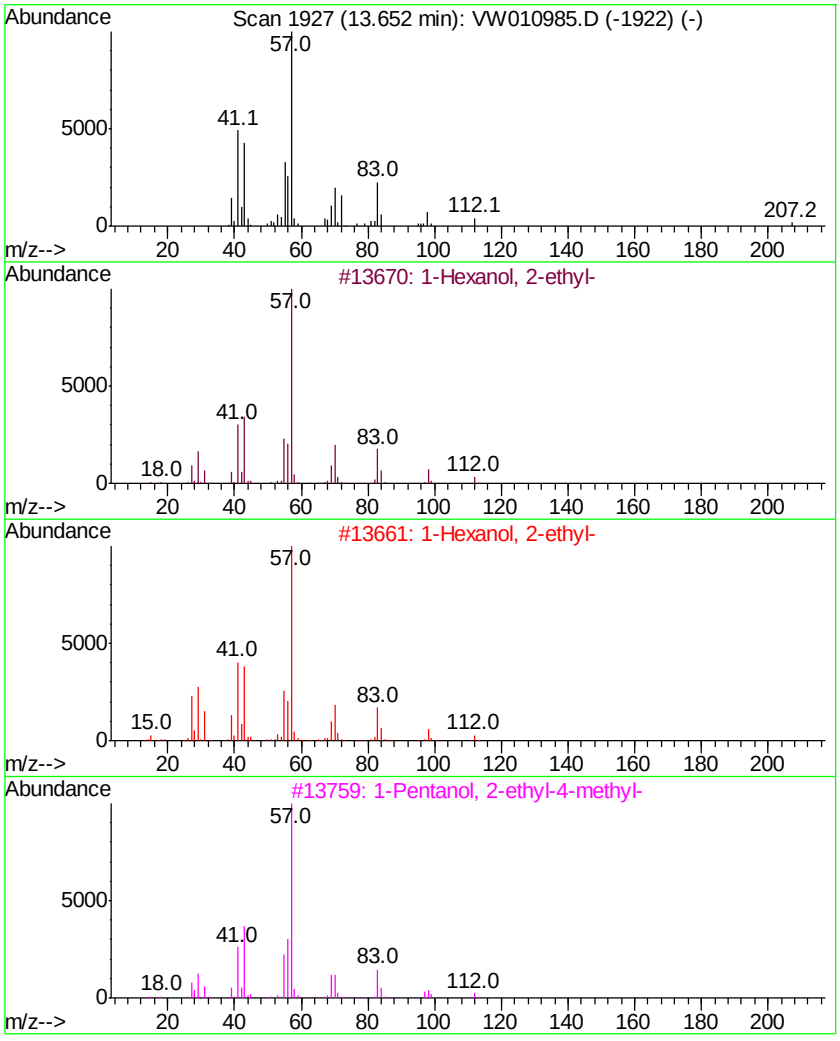
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

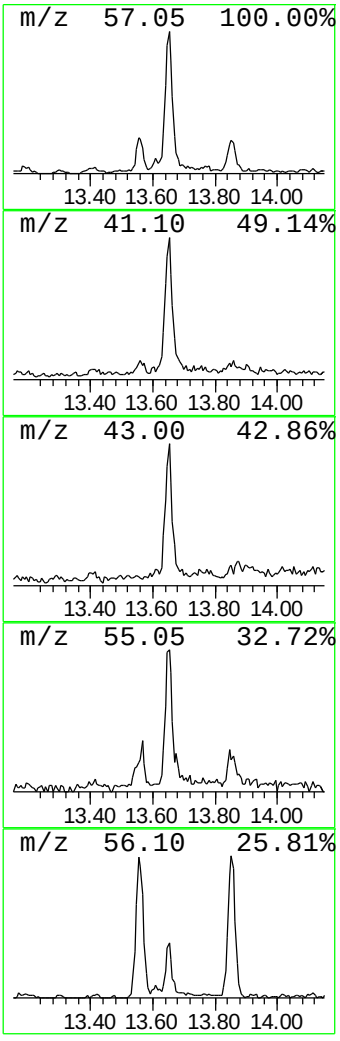
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	1.58 ug/L	45837	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	64
3	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	59
4	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	53
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062519\
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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	1.6	ug/L	45837	3	13.56	723669	25.0