LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102919\
Data File : VW013787.D
Acq On : 29 Oct 2019 12:31
Operator : SY/VA
Sample : K5552-02
Misc : 3.48G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQ75

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\SOM2WLM101819S.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	67	73	84	rBV	98858	181755	12.50%	1.608%
2	2.495	92	97	104	rBV	12566	28914	1.99%	0.256%
3	2.879	153	160	177	rVB2	63731	170091	11.70%	1.505%
4	3.221	214	216	219	rVB3	541	447	0.03%	0.004%
5	3.349	233	237	238	rBV2	220	302	0.02%	0.003%
6	3.379	238	242	243	rVV2	698	837	0.06%	0.007%
7	3.416	246	248	249	rBV2	328	236	0.02%	0.002%
8	3.538	257	268	276	rBV3	4911	14587	1.00%	0.129%
9	3.654	284	287	289	rBV2	382	406	0.03%	0.004%
10	3.715	295	297	300	rVB2	427	377	0.03%	0.003%
11	4.019	334	347	358	rBV	153662	495952	34.11%	4.387%
12	4.373	403	405	406	rBV2	753	552	0.04%	0.005%
13	4.391	406	408	409	rBV2	888	647	0.04%	0.006%
14	4.495	424	425	429	rBV2	471	370	0.03%	0.003%
15	4.562	431	436	437	rBV3	336	539	0.04%	0.005%
16	4.666	443	453	465	rBV2	32950	98601	6.78%	0.872%
17	4.861	483	485	486	rBV2	514	302	0.02%	0.003%
18	4.915	487	494	496	rBV5	3314	6946	0.48%	0.061%
19	5.117	524	527	528	rVV2	374	356	0.02%	0.003%
20	5.220	542	544	547	rVB	322	320	0.02%	0.003%
21	5.409	573	575	576	rBV2	452	361	0.02%	0.003%
22	5.489	586	588	589	rBV	351	235	0.02%	0.002%
23	5.550	597	598	601	rBV2	311	265	0.02%	0.002%
24	5.665	615	617	618	rBV	304	240	0.02%	0.002%
25	5.781	635	636	637	rBV	615	318	0.02%	0.003%
26	5.934	652	661	670	rBV4	2170	5658	0.39%	0.050%
27	6.098	687	688	692	rBV2	249	234	0.02%	0.002%
28	6.196	702	704	705	rBV	317	264	0.02%	0.002%
29	6.214	705	707	711	rVB2	321	327	0.02%	0.003%
30	6.818	804	806	811	rBV2	232	448	0.03%	0.004%
31	6.885	814	817	818	rBV	1198	1113	0.08%	0.010%
32	6.970	829	831	833	rBV2	382	408	0.03%	0.004%
33	7.074	838	848	857	rBV	52266	145728	10.02%	1.289%
34	7.366	894	896	898	rVB	471	308	0.02%	0.003%

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Instrument : MSVOA_W
ClientSampleId : GAQ75

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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\SOM2WLM101819S.M
Title : VOC Analysis

35	7.458	909	911	913	rBV2	265	292	0.02%	0.003%
36	7.647	931	942	955	rBV	236262	583409	40.13%	5.161%
37	7.750	957	959	961	rVV2	844	551	0.04%	0.005%
38	7.793	964	966	969	rBV	316	282	0.02%	0.002%
39	7.939	987	990	992	rBV3	754	968	0.07%	0.009%
40	8.147	1022	1024	1028	rBV	285	476	0.03%	0.004%
41	8.189	1029	1031	1034	rBV	163	239	0.02%	0.002%
42	8.275	1034	1045	1061	rVV2	491392	1453831	100.00%	12.861%
43	8.628	1099	1103	1107	rBV3	426	699	0.05%	0.006%
44	8.701	1109	1115	1121	rBV4	1321	3009	0.21%	0.027%
45	8.842	1129	1138	1147	rBV	441911	869876	59.83%	7.695%
46	8.964	1157	1158	1160	rBV2	518	275	0.02%	0.002%
47	9.037	1165	1170	1173	rBV4	2054	3591	0.25%	0.032%
48	9.195	1191	1196	1198	rBV3	278	362	0.02%	0.003%
49	9.274	1200	1209	1218	rBV	332681	668636	45.99%	5.915%
50	9.409	1227	1231	1238	rVB3	2304	4492	0.31%	0.040%
51	9.506	1245	1247	1249	rBV2	400	385	0.03%	0.003%
52	9.585	1257	1260	1265	rBV3	1270	2610	0.18%	0.023%
53	9.652	1266	1271	1279	rVB7	2108	4683	0.32%	0.041%
54	9.915	1311	1314	1315	rBV2	249	241	0.02%	0.002%
55	10.030	1326	1333	1344	rBV	182168	340236	23.40%	3.010%
56	10.323	1372	1381	1388	rBV	715166	1278709	87.95%	11.312%
57	10.384	1388	1391	1398	rVV	13636	24363	1.68%	0.216%
58	10.506	1407	1411	1413	rBV4	1184	1683	0.12%	0.015%
59	10.579	1416	1423	1435	rVV	125387	220219	15.15%	1.948%
60	10.701	1437	1443	1450	rVB	31185	58097	4.00%	0.514%
61	10.860	1465	1469	1473	rBV2	4403	6666	0.46%	0.059%
62	10.921	1473	1479	1492	rVV	208366	352138	24.22%	3.115%
63	11.073	1498	1504	1509	rBV5	6312	11776	0.81%	0.104%
64	11.146	1515	1516	1519	rBV2	424	485	0.03%	0.004%
65	11.201	1519	1525	1529	rVB4	1751	3536	0.24%	0.031%
66	11.286	1536	1539	1541	rVB2	302	310	0.02%	0.003%
67	11.628	1588	1595	1606	rBV	640512	1093241	75.20%	9.671%
68	11.841	1623	1630	1634	rVV2	2616	4013	0.28%	0.036%
69	11.878	1634	1636	1640	rVV3	544	569	0.04%	0.005%
70	11.920	1642	1643	1646	rVB2	364	256	0.02%	0.002%
71	11.969	1646	1651	1654	rBV2	226	453	0.03%	0.004%

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Instrument : MSVOA_W
ClientSampleId : GAQ75

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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Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Title : VOC Analysis

72	12.036	1658	1662	1663	rVB2	381	437	0.03%	0.004%
73	12.091	1668	1671	1674	rBV2	921	1164	0.08%	0.010%
74	12.122	1674	1676	1677	rVV	703	440	0.03%	0.004%
75	12.164	1678	1683	1689	rVV5	2443	5060	0.35%	0.045%
76	12.237	1689	1695	1705	rVB4	2569	5434	0.37%	0.048%
77	12.341	1707	1712	1716	rVV4	3653	6137	0.42%	0.054%
78	12.390	1716	1720	1725	rVB4	4142	5874	0.40%	0.052%
79	12.432	1725	1727	1728	rBV	372	240	0.02%	0.002%
80	12.609	1749	1756	1762	rBV	54688	88330	6.08%	0.781%
81	12.695	1762	1770	1778	rBV	281029	470453	32.36%	4.162%
82	12.890	1798	1802	1806	rBV4	2301	3745	0.26%	0.033%
83	12.932	1806	1809	1819	rVB5	3112	5700	0.39%	0.050%
84	13.060	1827	1830	1831	rBV	384	417	0.03%	0.004%
85	13.091	1831	1835	1837	rVB4	928	975	0.07%	0.009%
86	13.146	1840	1844	1846	rBV3	1116	1662	0.11%	0.015%
87	13.225	1852	1857	1858	rBV4	1095	1302	0.09%	0.012%
88	13.268	1861	1864	1868	rBV4	2949	4993	0.34%	0.044%
89	13.396	1879	1885	1890	rBV4	11716	18938	1.30%	0.168%
90	13.487	1894	1900	1904	rBV7	2864	5596	0.38%	0.050%
91	13.554	1904	1911	1920	rVV	799166	1281709	88.16%	11.338%
92	13.646	1921	1926	1935	rVB	53445	84140	5.79%	0.744%
93	13.853	1952	1960	1968	rBV	662803	1086116	74.71%	9.608%
94	13.969	1977	1979	1983	rBV3	656	734	0.05%	0.006%
95	14.072	1991	1996	2003	rVB2	15860	26999	1.86%	0.239%
96	14.322	2030	2037	2045	rBV7	14882	28847	1.98%	0.255%
97	14.524	2066	2070	2075	rBV5	5088	9375	0.64%	0.083%
98	14.627	2084	2087	2093	rVB5	2824	4288	0.29%	0.038%
99	15.353	2205	2206	2207	rBV	761	541	0.04%	0.005%
100	15.670	2257	2258	2261	rVB2	836	401	0.03%	0.004%

Sum of corrected areas: 11304148

LSC Report - Integrated Chromatogram

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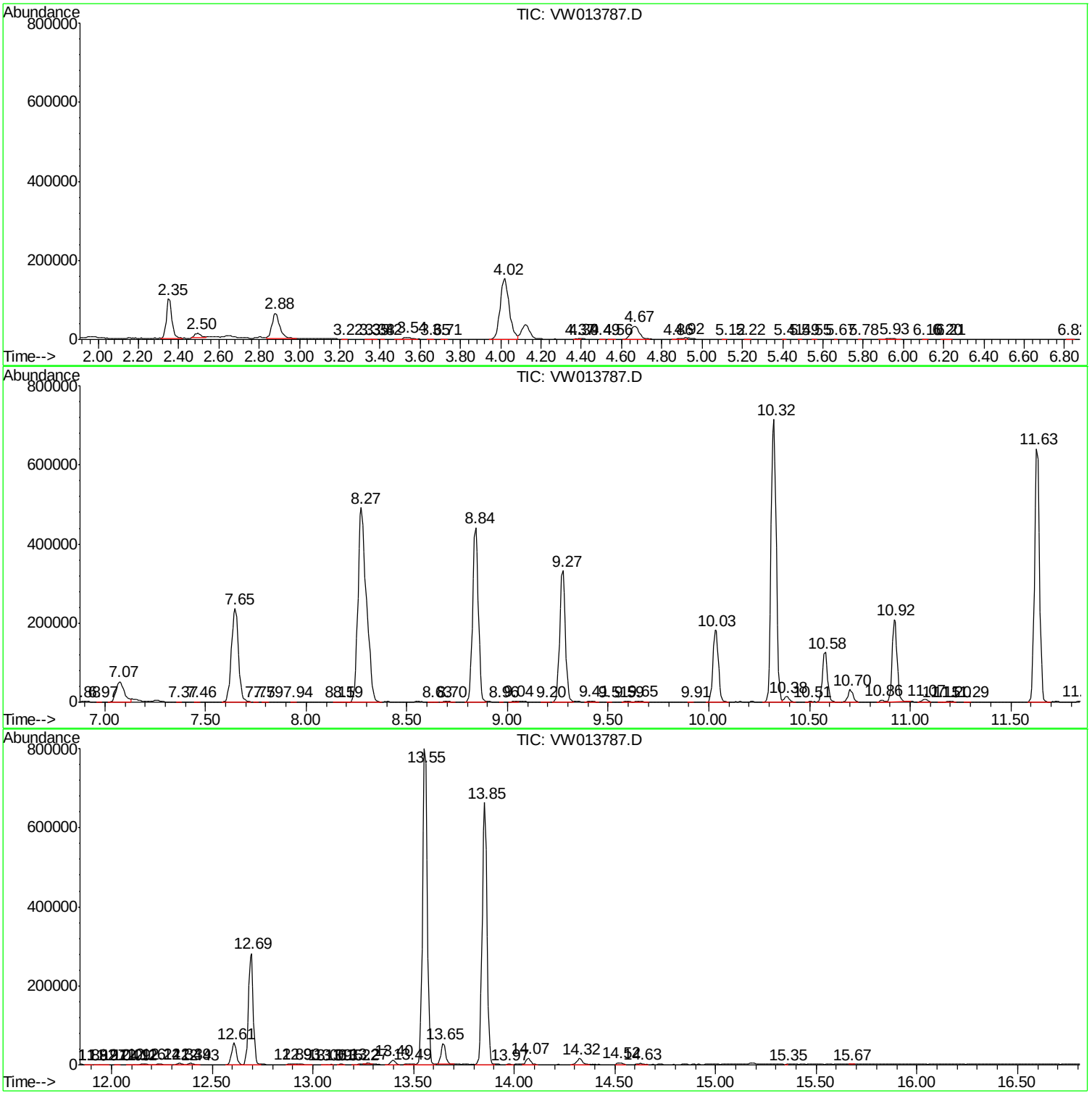
ClientSampleId : GAQ75

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

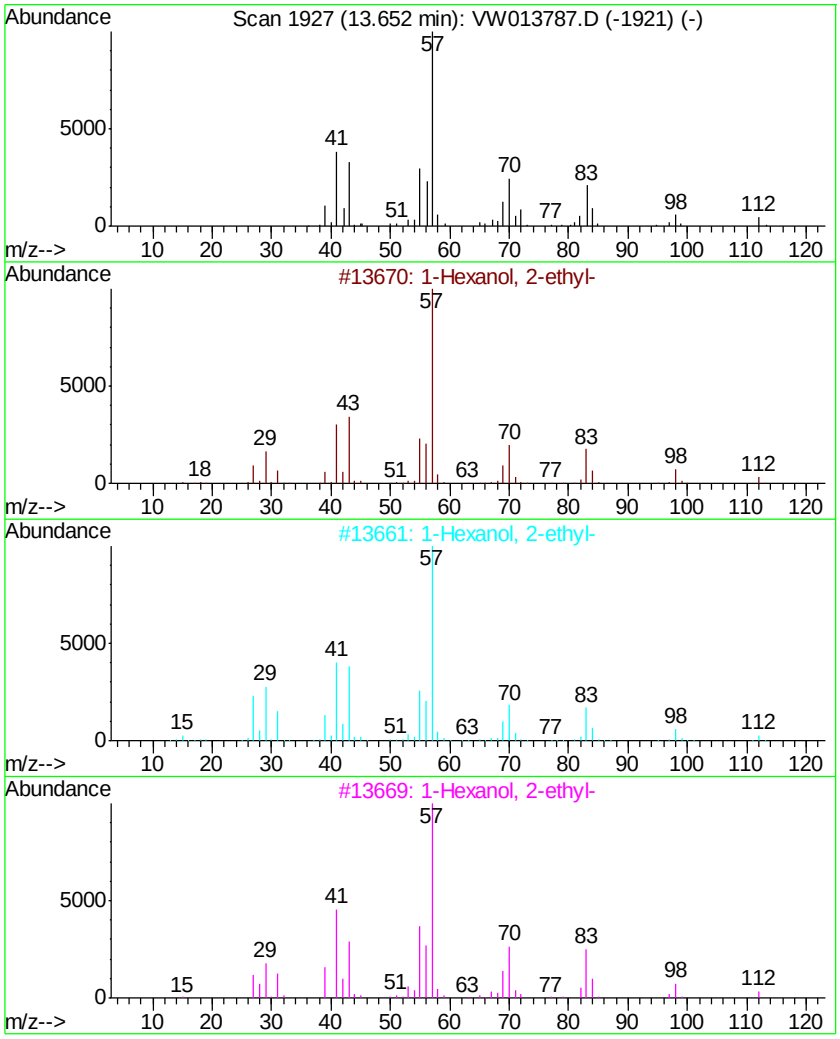
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

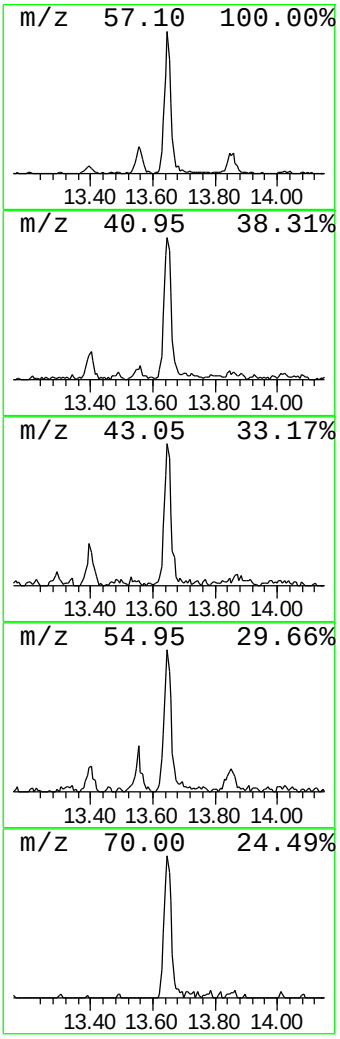
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	1.64 ug/L	84140	1,4-Dichlorobenzene-d4	13.55

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	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Isobutoxy-2-ethylhexane	186	C12H26O	1000139-90-3	64
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	59





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	1.6	ug/L	84140	3	13.55	1281710	25.0