LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071019\
Data File : VW011195.D
Acq On : 10 Jul 2019 15:22
Operator : SY/VA
Sample : K3724-11
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8T7

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	2.343	67	72	83	rVB	64486	116795	10.67%	1.436%
2	2.885	154	161	176	rVB	40758	105736	9.66%	1.300%
3	3.470	255	257	260	rVB3	418	435	0.04%	0.005%
4	3.507	260	263	264	rBV2	564	665	0.06%	0.008%
5	3.531	264	267	269	rVV3	595	585	0.05%	0.007%
6	3.672	287	290	294	rBV5	760	1203	0.11%	0.015%
7	3.867	314	322	323	rBV4	1371	2710	0.25%	0.033%
8	4.019	333	347	361	rBV	102713	350608	32.03%	4.311%
9	4.391	402	408	410	rBV4	848	1427	0.13%	0.018%
10	4.696	457	458	462	rBV3	390	413	0.04%	0.005%
11	4.769	469	470	473	rBV2	470	443	0.04%	0.005%
12	4.921	483	495	509	rVV2	6327	28104	2.57%	0.346%
13	5.098	521	524	527	rBV3	546	1024	0.09%	0.013%
14	5.306	556	558	560	rVB2	625	554	0.05%	0.007%
15	5.580	602	603	607	rVB3	491	580	0.05%	0.007%
16	5.696	620	622	626	rVB2	458	529	0.05%	0.007%
17	5.763	630	633	634	rBV2	760	588	0.05%	0.007%
18	5.933	653	661	672	rVB3	3178	9251	0.85%	0.114%
19	6.104	685	689	690	rBV2	454	544	0.05%	0.007%
20	6.135	692	694	698	rVB2	426	505	0.05%	0.006%
21	6.433	740	743	745	rBV3	441	614	0.06%	0.008%
22	6.537	756	760	762	rVB3	550	606	0.06%	0.007%
23	6.628	774	775	778	rVB2	473	488	0.04%	0.006%
24	6.848	807	811	812	rBV3	334	470	0.04%	0.006%
25	6.866	812	814	815	rBV2	601	463	0.04%	0.006%
26	6.897	815	819	822	rBV3	975	1297	0.12%	0.016%
27	7.074	838	848	856	rBV	55817	160090	14.63%	1.968%
28	7.293	882	884	888	rVB2	652	619	0.06%	0.008%
29	7.348	891	893	895	rBV3	382	447	0.04%	0.005%
30	7.549	923	926	928	rVB2	790	714	0.07%	0.009%
31	7.647	930	942	954	rBV	170051	427578	39.06%	5.257%
32	7.744	957	958	961	rVB2	600	420	0.04%	0.005%
33	7.829	969	972	975	rBV2	343	431	0.04%	0.005%
34	7.957	990	993	996	rVB4	545	469	0.04%	0.006%

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Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8T7

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

35	8.079	1011	1013	1017	rVB4	507	638	0.06%	0.008%
36	8.116	1017	1019	1021	rBV2	363	407	0.04%	0.005%
37	8.275	1032	1045	1064	rBV2	359551	1094603	100.00%	13.458%
38	8.403	1064	1066	1071	rVB5	1008	1133	0.10%	0.014%
39	8.726	1118	1119	1123	rVB3	502	474	0.04%	0.006%
40	8.841	1128	1138	1148	rBV	356305	706144	64.51%	8.682%
41	9.079	1168	1177	1188	rVB10	2453	6691	0.61%	0.082%
42	9.274	1198	1209	1219	rBV	261635	538896	49.23%	6.626%
43	9.415	1227	1232	1234	rBV4	798	1162	0.11%	0.014%
44	9.494	1243	1245	1250	rVB3	441	462	0.04%	0.006%
45	9.597	1260	1262	1265	rVB2	554	454	0.04%	0.006%
46	9.658	1265	1272	1278	rBV5	3255	7499	0.69%	0.092%
47	9.933	1313	1317	1318	rBV2	414	408	0.04%	0.005%
48	10.030	1326	1333	1343	rBV	134820	246906	22.56%	3.036%
49	10.128	1344	1349	1353	rVB4	1594	2925	0.27%	0.036%
50	10.207	1359	1362	1370	rVB5	1096	2269	0.21%	0.028%
51	10.323	1370	1381	1389	rBV	479666	857092	78.30%	10.538%
52	10.427	1396	1398	1399	rVB	661	437	0.04%	0.005%
53	10.579	1416	1423	1436	rVV	91046	163203	14.91%	2.007%
54	10.701	1436	1443	1449	rVV3	5326	10172	0.93%	0.125%
55	10.750	1449	1451	1456	rVB5	593	871	0.08%	0.011%
56	10.859	1464	1469	1473	rBV2	7447	13691	1.25%	0.168%
57	10.926	1473	1480	1492	rVV	185376	319414	29.18%	3.927%
58	11.067	1498	1503	1511	rVB5	7864	14436	1.32%	0.177%
59	11.128	1511	1513	1515	rVB3	618	389	0.04%	0.005%
60	11.176	1519	1521	1523	rVB3	726	554	0.05%	0.007%
61	11.317	1540	1544	1545	rBV3	724	852	0.08%	0.010%
62	11.335	1545	1547	1551	rVB5	433	581	0.05%	0.007%
63	11.384	1554	1555	1559	rBV3	432	574	0.05%	0.007%
64	11.420	1559	1561	1562	rBV2	490	453	0.04%	0.006%
65	11.628	1585	1595	1606	rBV	485356	844909	77.19%	10.388%
66	11.841	1626	1630	1633	rVV4	1156	1749	0.16%	0.022%
67	12.170	1679	1684	1689	rBV6	1286	2243	0.20%	0.028%
68	12.237	1692	1695	1697	rBV4	462	613	0.06%	0.008%
69	12.341	1707	1712	1717	rBV5	1095	1912	0.17%	0.024%
70	12.463	1730	1732	1735	rVB4	932	868	0.08%	0.011%
71	12.609	1749	1756	1762	rVB3	6606	10790	0.99%	0.133%

LSC Area Percent Report

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Sample : K3724-11
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8T7

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\SOM2WLM070219S.M
Title : VOC Analysis

72	12.694	1762	1770	1782	rVB	229530	382700	34.96%	4.705%
73	12.780	1782	1784	1787	rBV2	640	640	0.06%	0.008%
74	12.871	1795	1799	1800	rBV3	658	860	0.08%	0.011%
75	12.896	1802	1803	1804	rVV	828	516	0.05%	0.006%
76	12.932	1805	1809	1815	rVV5	3480	5000	0.46%	0.061%
77	13.091	1831	1835	1836	rBV2	525	755	0.07%	0.009%
78	13.121	1836	1840	1843	rVB4	1498	2264	0.21%	0.028%
79	13.225	1854	1857	1858	rBV3	653	617	0.06%	0.008%
80	13.396	1881	1885	1889	rBV4	1843	2926	0.27%	0.036%
81	13.560	1904	1912	1919	rBV	491811	792003	72.36%	9.738%
82	13.652	1921	1927	1938	rVV2	29020	50905	4.65%	0.626%
83	13.853	1953	1960	1972	rVB	452830	743976	67.97%	9.147%
84	14.072	1991	1996	2003	rVB2	7629	12994	1.19%	0.160%
85	14.328	2030	2038	2046	rBV7	8384	17532	1.60%	0.216%
86	14.426	2048	2054	2061	rVB3	7429	13039	1.19%	0.160%
87	15.182	2174	2178	2182	rVB5	1337	2152	0.20%	0.026%
88	15.218	2182	2184	2188	rVB4	676	823	0.08%	0.010%
89	15.261	2190	2191	2194	rBV3	906	589	0.05%	0.007%
90	15.444	2215	2221	2226	rBV3	8485	13855	1.27%	0.170%
91	15.499	2226	2230	2236	rVB2	3902	6637	0.61%	0.082%
92	15.682	2255	2260	2262	rBV4	1235	1508	0.14%	0.019%
93	15.773	2270	2275	2276	rBV3	1040	1552	0.14%	0.019%
94	15.889	2292	2294	2298	rVB3	777	941	0.09%	0.012%
95	15.926	2298	2300	2301	rBV2	661	463	0.04%	0.006%
96	15.944	2301	2303	2306	rVV4	714	701	0.06%	0.009%
97	16.218	2345	2348	2351	rBV2	744	1007	0.09%	0.012%
98	16.340	2366	2368	2371	rVB3	797	802	0.07%	0.010%
99	16.371	2371	2373	2376	rBV3	553	552	0.05%	0.007%
100	16.480	2389	2391	2394	rBV4	681	747	0.07%	0.009%

Sum of corrected areas: 8133335

LSC Report - Integrated Chromatogram

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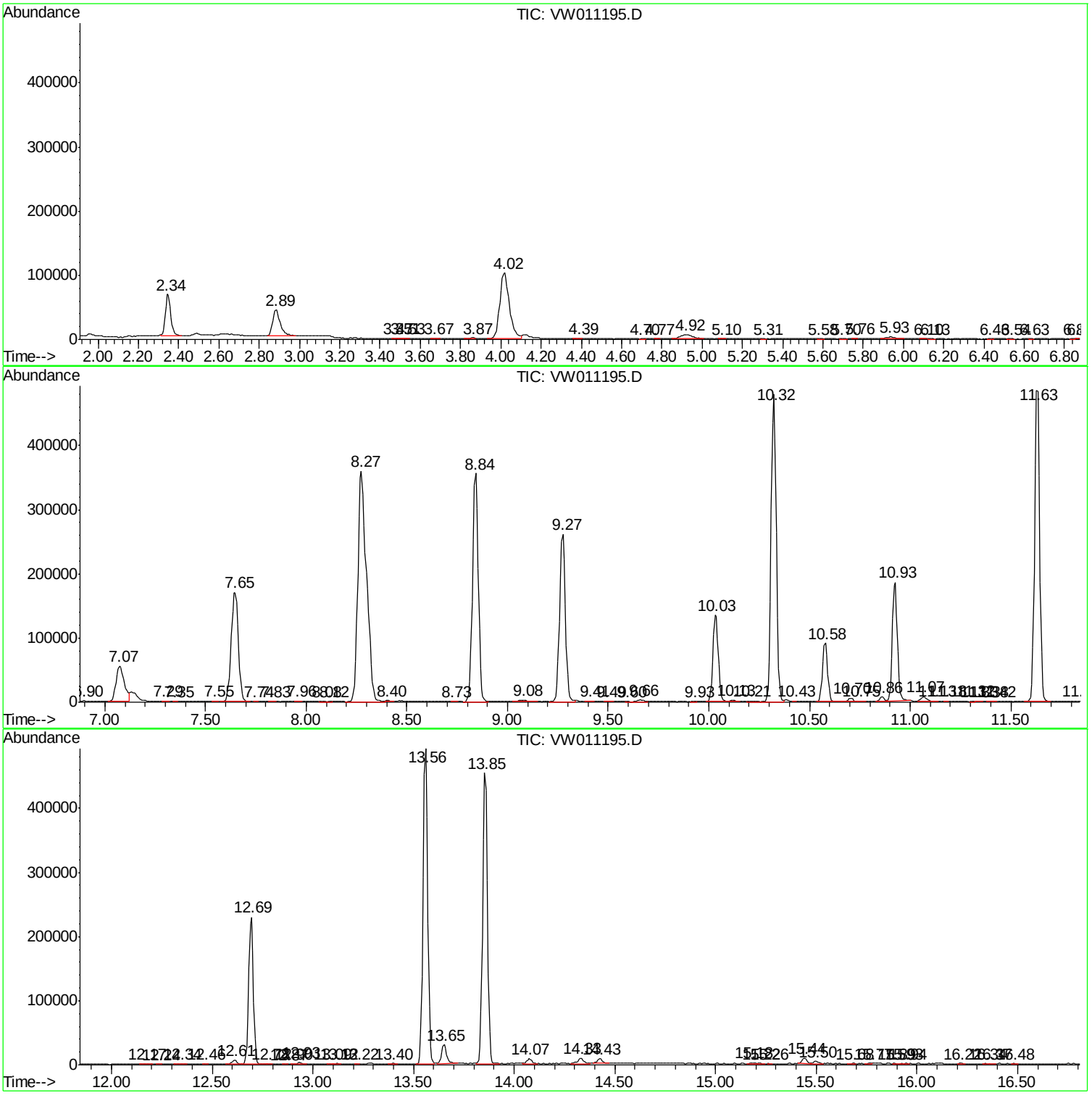
Sample : K3724-11
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8T7

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071019\
Data File : VW011195.D
Acq On : 10 Jul 2019 15:22
Operator : SY/VA
Sample : K3724-11
Misc : 5.74G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8T7

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

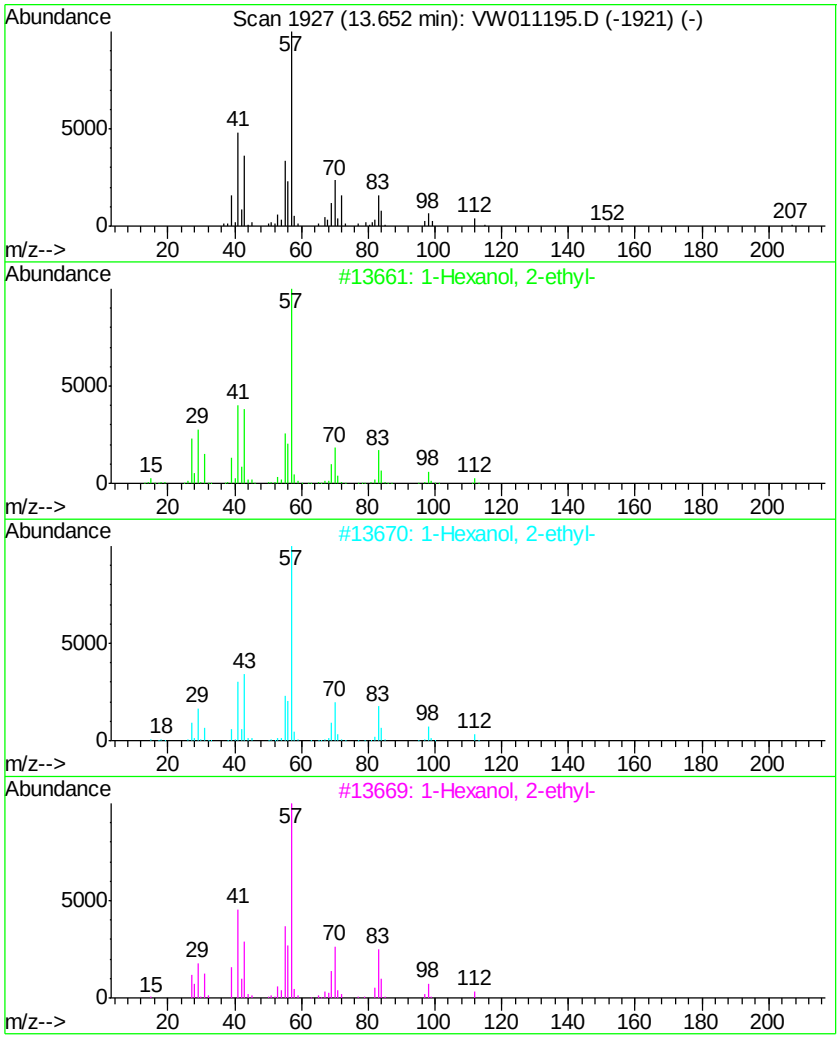
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

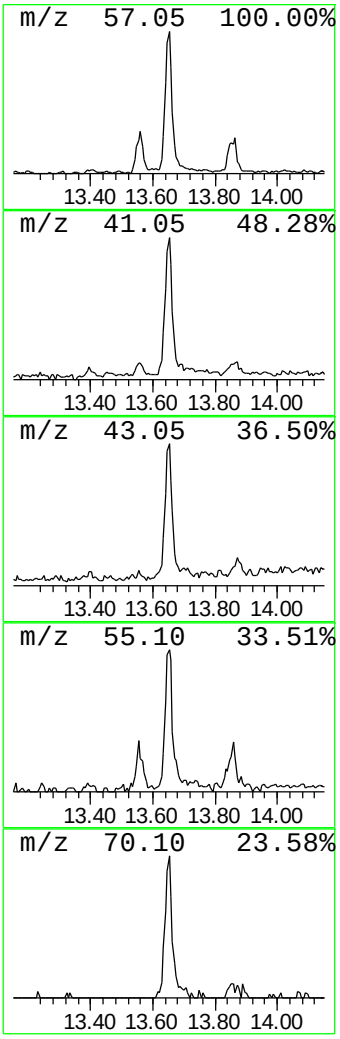
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	1.61 ug/L	50905	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	86
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	59
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071019\
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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	50905	3	13.56	792003	25.0