LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071019\
Data File : VW011194.D
Acq On : 10 Jul 2019 14:55
Operator : SY/VA
Sample : K3724-10
Misc : 4.94G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8T6

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	2.148	38	40	43	rBV2	1440	1725	0.16%	0.022%
2	2.343	67	72	83	rVB	61223	110763	10.58%	1.421%
3	2.879	153	160	176	rBV	37775	98862	9.45%	1.268%
4	3.269	221	224	227	rBV4	861	1454	0.14%	0.019%
5	3.471	253	257	258	rBV3	635	908	0.09%	0.012%
6	3.666	287	289	295	rVB5	390	534	0.05%	0.007%
7	3.861	313	321	324	rBV4	1314	3190	0.30%	0.041%
8	4.019	334	347	362	rBV	97926	333981	31.91%	4.285%
9	4.391	406	408	410	rVV2	596	787	0.08%	0.010%
10	4.915	482	494	509	rBV2	6925	29085	2.78%	0.373%
11	5.013	509	510	514	rVB3	664	532	0.05%	0.007%
12	5.934	653	661	669	rBV5	2436	7668	0.73%	0.098%
13	6.123	687	692	696	rBV2	570	864	0.08%	0.011%
14	6.281	716	718	720	rBV	433	438	0.04%	0.006%
15	6.519	754	757	760	rVB3	588	612	0.06%	0.008%
16	6.824	804	807	811	rBV3	463	694	0.07%	0.009%
17	6.860	811	813	815	rBV	562	434	0.04%	0.006%
18	6.891	815	818	819	rBV	793	616	0.06%	0.008%
19	6.994	830	835	837	rBV4	735	1131	0.11%	0.015%
20	7.074	839	848	857	rBV	55640	163709	15.64%	2.100%
21	7.513	916	920	923	rBV3	573	870	0.08%	0.011%
22	7.549	923	926	928	rVV2	440	578	0.06%	0.007%
23	7.647	931	942	955	rVV	166912	409702	39.15%	5.256%
24	7.738	955	957	960	rVB3	529	433	0.04%	0.006%
25	7.939	986	990	995	rBV5	818	1376	0.13%	0.018%
26	8.000	998	1000	1003	rVV3	315	413	0.04%	0.005%
27	8.073	1010	1012	1014	rVB2	500	430	0.04%	0.006%
28	8.092	1014	1015	1020	rBV2	385	466	0.04%	0.006%
29	8.275	1033	1045	1060	rBV2	335896	1046474	100.00%	13.426%
30	8.512	1082	1084	1088	rVB4	640	682	0.07%	0.009%
31	8.610	1098	1100	1107	rVB6	994	1825	0.17%	0.023%
32	8.689	1111	1113	1119	rVB4	443	597	0.06%	0.008%
33	8.768	1123	1126	1129	rVB2	468	445	0.04%	0.006%
34	8.842	1129	1138	1154	rBV	329760	669311	63.96%	8.587%

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Sample : K3724-10
Misc : 4.94G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8T6

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	9.079	1165	1177	1182	rBV8	2358	6673	0.64%	0.086%
36	9.207	1196	1198	1200	rVB3	449	444	0.04%	0.006%
37	9.274	1200	1209	1224	rBV	260291	523883	50.06%	6.721%
38	9.402	1228	1230	1231	rBV	550	501	0.05%	0.006%
39	9.585	1253	1260	1261	rBV3	305	476	0.05%	0.006%
40	9.658	1267	1272	1278	rVB6	2608	5475	0.52%	0.070%
41	9.939	1315	1318	1322	rBV2	347	479	0.05%	0.006%
42	10.030	1326	1333	1343	rBV	129672	241021	23.03%	3.092%
43	10.122	1343	1348	1356	rVV6	1836	4527	0.43%	0.058%
44	10.207	1359	1362	1368	rVB5	684	1008	0.10%	0.013%
45	10.323	1373	1381	1389	rBV	469608	816049	77.98%	10.470%
46	10.384	1389	1391	1399	rVB3	2642	3569	0.34%	0.046%
47	10.579	1413	1423	1437	rBV	90930	158727	15.17%	2.036%
48	10.707	1437	1444	1452	rVB3	2465	4889	0.47%	0.063%
49	10.768	1452	1454	1458	rVB2	384	417	0.04%	0.005%
50	10.829	1462	1464	1465	rBV2	675	505	0.05%	0.006%
51	10.859	1465	1469	1473	rBV5	1534	2599	0.25%	0.033%
52	10.927	1473	1480	1492	rBV	193627	327496	31.30%	4.202%
53	11.073	1498	1504	1513	rVB7	4257	9596	0.92%	0.123%
54	11.207	1524	1526	1529	rVB2	491	497	0.05%	0.006%
55	11.628	1587	1595	1606	rBV	467821	802951	76.73%	10.302%
56	11.829	1625	1628	1629	rBV3	1337	1131	0.11%	0.015%
57	12.042	1659	1663	1665	rVB3	470	625	0.06%	0.008%
58	12.067	1665	1667	1670	rBV3	348	453	0.04%	0.006%
59	12.176	1680	1685	1690	rVV7	566	1194	0.11%	0.015%
60	12.341	1707	1712	1719	rVV6	1276	2098	0.20%	0.027%
61	12.438	1726	1728	1729	rBV3	495	419	0.04%	0.005%
62	12.469	1729	1733	1735	rVB3	559	797	0.08%	0.010%
63	12.609	1749	1756	1762	rBV	4505	7944	0.76%	0.102%
64	12.695	1762	1770	1778	rVV	227734	378360	36.16%	4.854%
65	12.932	1805	1809	1815	rVB4	2200	3054	0.29%	0.039%
66	13.066	1828	1831	1835	rBV4	448	828	0.08%	0.011%
67	13.115	1837	1839	1844	rVB4	1002	1454	0.14%	0.019%
68	13.182	1849	1850	1855	rVB3	378	476	0.05%	0.006%
69	13.225	1855	1857	1858	rBV2	490	439	0.04%	0.006%
70	13.261	1859	1863	1865	rBV4	922	1404	0.13%	0.018%
71	13.335	1872	1875	1876	rBV2	514	438	0.04%	0.006%

LSC Area Percent Report

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Operator : SY/VA
Sample : K3724-10
Misc : 4.94G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8T6

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

72	13.396	1881	1885	1891	rBV5	1436	2506	0.24%	0.032%
73	13.475	1894	1898	1903	rVV5	854	1427	0.14%	0.018%
74	13.560	1905	1912	1920	rVV	472651	763431	72.95%	9.795%
75	13.646	1921	1926	1937	rVV	25923	47629	4.55%	0.611%
76	13.737	1939	1941	1943	rVB3	629	454	0.04%	0.006%
77	13.853	1950	1960	1969	rVB	435165	719411	68.75%	9.230%
78	13.920	1969	1971	1972	rBV2	455	428	0.04%	0.005%
79	14.072	1991	1996	2002	rVB2	4900	8078	0.77%	0.104%
80	14.213	2017	2019	2020	rBV	580	435	0.04%	0.006%
81	14.328	2032	2038	2045	rVV5	7803	13953	1.33%	0.179%
82	14.426	2049	2054	2061	rVB4	6709	10747	1.03%	0.138%
83	14.926	2134	2136	2138	rBV2	532	614	0.06%	0.008%
84	14.981	2143	2145	2148	rVB4	637	641	0.06%	0.008%
85	15.072	2158	2160	2162	rBV3	762	788	0.08%	0.010%
86	15.188	2177	2179	2183	rVB3	798	623	0.06%	0.008%
87	15.304	2196	2198	2200	rBV3	423	413	0.04%	0.005%
88	15.371	2206	2209	2211	rBV4	685	773	0.07%	0.010%
89	15.444	2216	2221	2226	rVB2	3819	6751	0.65%	0.087%
90	15.499	2226	2230	2234	rBV3	2019	3497	0.33%	0.045%
91	15.633	2250	2252	2254	rBV2	603	546	0.05%	0.007%
92	15.767	2271	2274	2275	rBV3	646	666	0.06%	0.009%
93	15.962	2304	2306	2307	rBV2	1082	962	0.09%	0.012%
94	16.011	2312	2314	2315	rVV2	633	572	0.05%	0.007%
95	16.066	2319	2323	2325	rVB5	1013	1287	0.12%	0.017%
96	16.084	2325	2326	2329	rBV2	787	701	0.07%	0.009%
97	16.322	2363	2365	2366	rVB2	812	570	0.05%	0.007%
98	16.340	2366	2368	2369	rBV2	865	624	0.06%	0.008%
99	16.389	2374	2376	2380	rVV4	515	815	0.08%	0.010%
100	16.743	2432	2434	2436	rVB2	626	438	0.04%	0.006%

Sum of corrected areas: 7794265

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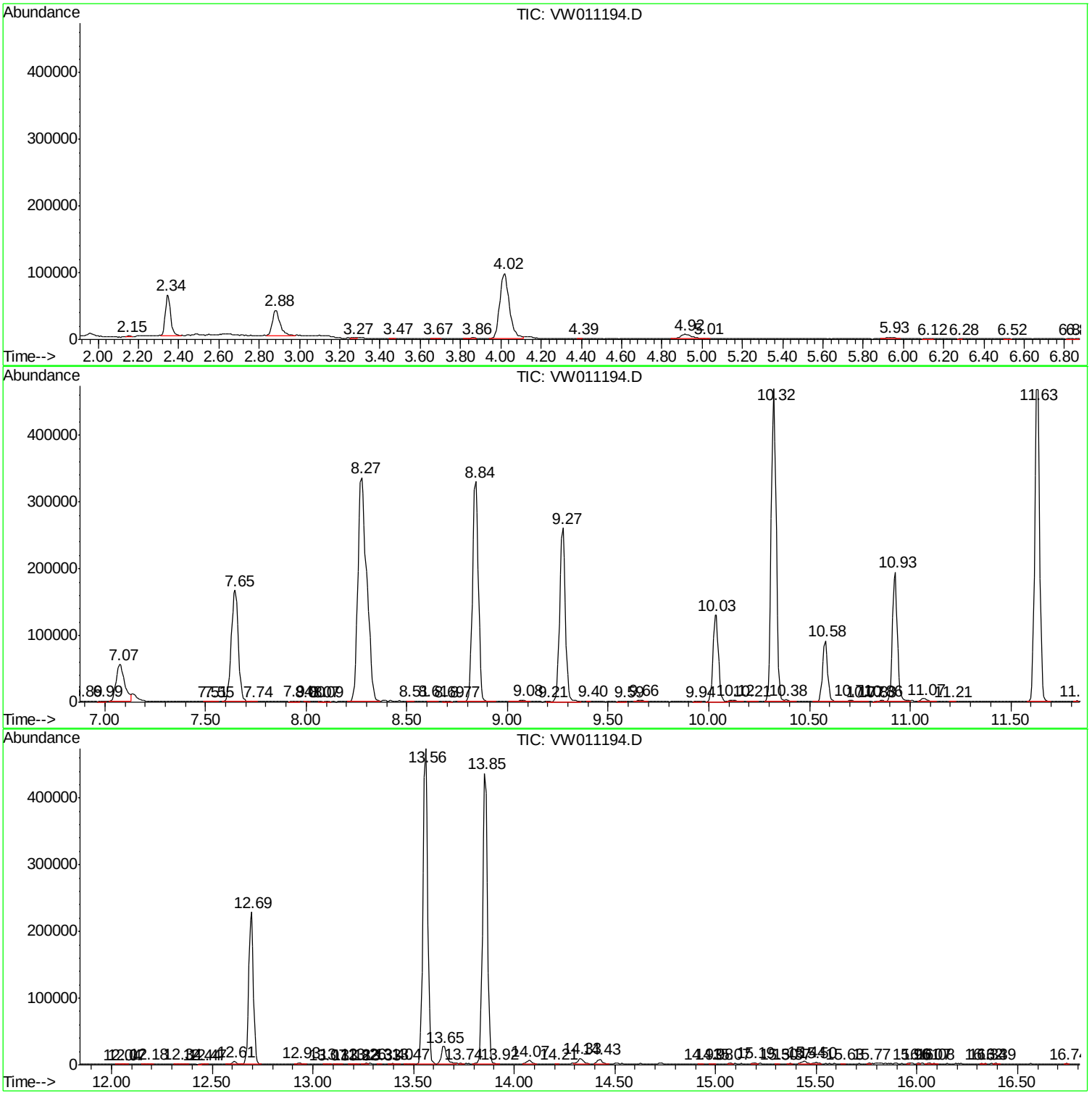
ClientSampleId : DB8T6

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 : VW011194.D
Acq On : 10 Jul 2019 14:55
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Misc : 4.94G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB8T6

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

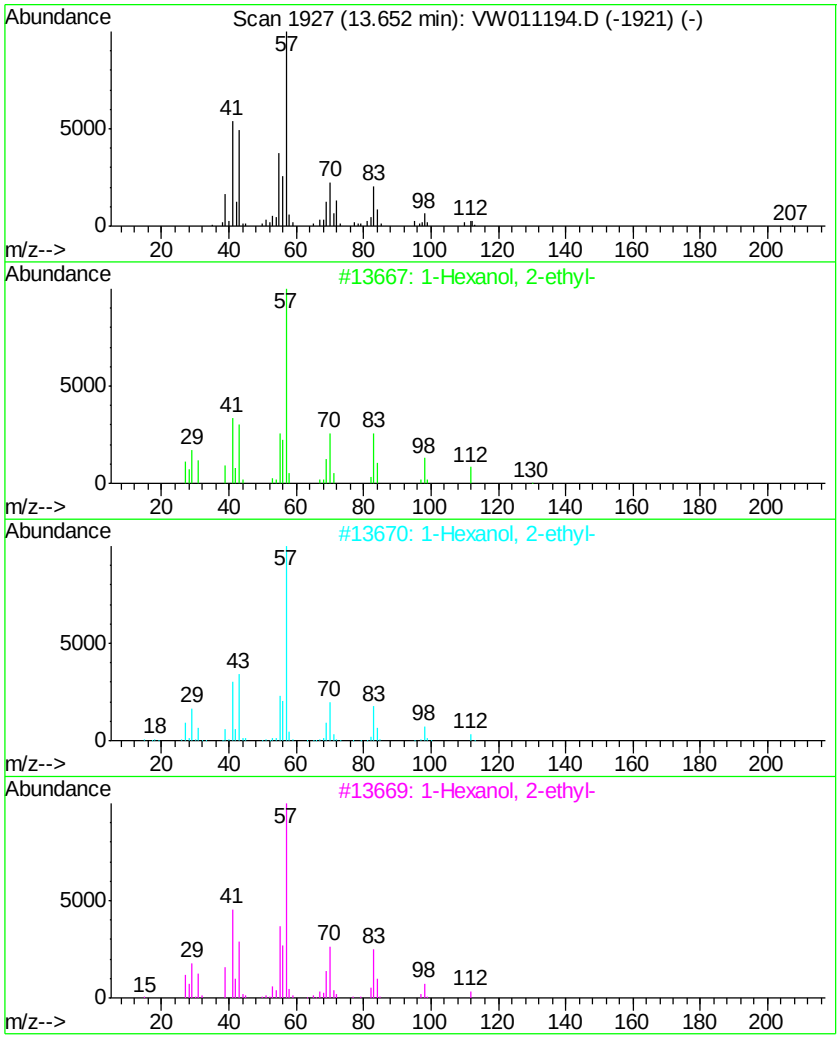
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

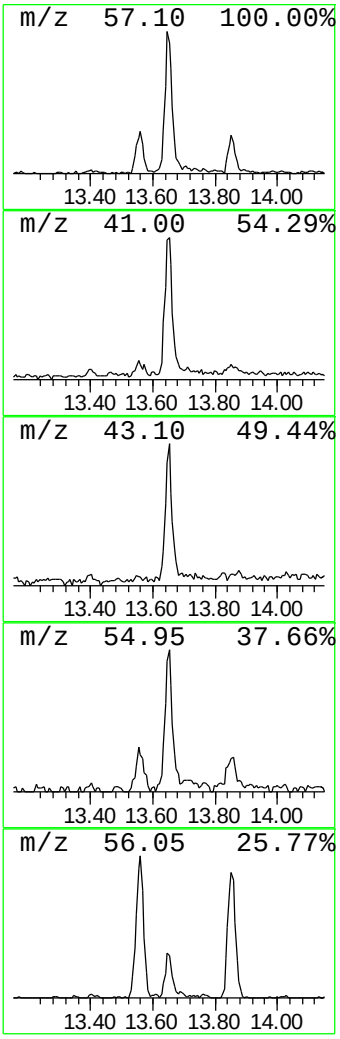
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	1.56 ug/L	47629	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	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW071019\
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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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Hexanol, 2-ethyl-	13.65	1.6	ug/L	47629	3	13.56	763431	25.0