LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100318\
Data File : VW005816.D
Acq On : 03 Oct 2018 15:55
Operator : SY/AP
Sample : J5181-06RE
Misc : 3.65G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLC35RE

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\SOM2WLM092818S.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	2.355	69	74	83	rVB	24758	48764	10.11%	1.158%
2	2.891	156	162	174	rVB	17821	47546	9.86%	1.129%
3	4.013	334	346	355	rBV2	49368	141977	29.44%	3.371%
4	4.123	356	364	378	rVB	45174	122361	25.37%	2.905%
5	4.367	399	404	405	rBV3	2344	2901	0.60%	0.069%
6	4.501	425	426	428	rBV2	250	200	0.04%	0.005%
7	4.617	443	445	446	rVV	240	165	0.03%	0.004%
8	4.732	463	464	466	rBV	223	209	0.04%	0.005%
9	4.830	477	480	481	rBV2	261	297	0.06%	0.007%
10	4.915	482	494	514	rVB3	29980	103416	21.44%	2.455%
11	5.050	514	516	517	rBV2	271	171	0.04%	0.004%
12	5.098	522	524	526	rBV	266	311	0.06%	0.007%
13	5.306	555	558	561	rBV2	187	298	0.06%	0.007%
14	5.452	580	582	583	rVB2	315	172	0.04%	0.004%
15	5.482	586	587	589	rBV2	238	214	0.04%	0.005%
16	5.525	593	594	596	rBV2	355	249	0.05%	0.006%
17	5.677	617	619	620	rVB2	297	162	0.03%	0.004%
18	5.696	620	622	623	rVB2	317	214	0.04%	0.005%
19	5.763	630	633	634	rBV2	314	320	0.07%	0.008%
20	5.933	651	661	673	rBV5	5103	16169	3.35%	0.384%
21	6.055	678	681	683	rBV2	190	232	0.05%	0.006%
22	6.129	689	693	695	rBV2	278	357	0.07%	0.008%
23	6.220	706	708	710	rBV2	242	204	0.04%	0.005%
24	6.580	765	767	768	rBV	301	224	0.05%	0.005%
25	6.647	776	778	781	rVB2	224	191	0.04%	0.005%
26	6.757	794	796	800	rVB	248	200	0.04%	0.005%
27	6.848	809	811	813	rBV2	165	222	0.05%	0.005%
28	6.933	823	825	827	rVB2	252	207	0.04%	0.005%
29	6.994	832	835	839	rBV3	549	651	0.13%	0.015%
30	7.086	841	850	855	rBV	25086	71669	14.86%	1.701%
31	7.384	897	899	901	rBV2	331	242	0.05%	0.006%
32	7.427	904	906	911	rVB2	241	303	0.06%	0.007%
33	7.476	911	914	915	rBV2	213	248	0.05%	0.006%
34	7.531	919	923	926	rBV4	545	960	0.20%	0.023%

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Misc : 3.65G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLC35RE

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\SOM2WLM092818S.M
Title : VOC Analysis

35	7.653	933	943	957	rVB	92344	223557	46.35%	5.307%
36	7.817	968	970	971	rBV	212	174	0.04%	0.004%
37	7.927	985	988	989	rBV	189	183	0.04%	0.004%
38	8.281	1035	1046	1061	rBV2	148929	482289	100.00%	11.450%
39	8.409	1065	1067	1070	rVB	278	226	0.05%	0.005%
40	8.476	1076	1078	1081	rVB	140	177	0.04%	0.004%
41	8.506	1081	1083	1085	rVB3	196	168	0.03%	0.004%
42	8.537	1085	1088	1089	rBV2	236	267	0.06%	0.006%
43	8.567	1089	1093	1094	rBV2	182	226	0.05%	0.005%
44	8.610	1097	1100	1101	rVB	299	257	0.05%	0.006%
45	8.628	1101	1103	1106	rVB2	339	352	0.07%	0.008%
46	8.701	1110	1115	1116	rBV	764	1041	0.22%	0.025%
47	8.848	1126	1139	1147	rBV	184484	356924	74.01%	8.474%
48	9.043	1169	1171	1174	rBV3	510	612	0.13%	0.015%
49	9.122	1181	1184	1188	rVB3	153	207	0.04%	0.005%
50	9.280	1201	1210	1220	rBV	107908	219699	45.55%	5.216%
51	9.585	1259	1260	1263	rBV2	303	266	0.06%	0.006%
52	9.658	1270	1272	1275	rBV2	397	525	0.11%	0.012%
53	9.762	1284	1289	1295	rVB2	1119	1952	0.40%	0.046%
54	9.890	1305	1310	1317	rVB4	3141	6070	1.26%	0.144%
55	9.988	1321	1326	1327	rBV2	160	224	0.05%	0.005%
56	10.036	1327	1334	1345	rVB	60890	109361	22.68%	2.596%
57	10.116	1345	1347	1355	rBV4	660	1351	0.28%	0.032%
58	10.219	1359	1364	1367	rBV5	1282	2460	0.51%	0.058%
59	10.329	1374	1382	1389	rBV	203574	358304	74.29%	8.506%
60	10.494	1407	1409	1412	rBV2	266	264	0.05%	0.006%
61	10.579	1416	1423	1433	rBV	43063	75873	15.73%	1.801%
62	10.707	1437	1444	1451	rBV	12728	22781	4.72%	0.541%
63	10.805	1458	1460	1463	rVB	262	199	0.04%	0.005%
64	10.841	1463	1466	1473	rBV5	508	965	0.20%	0.023%
65	10.926	1473	1480	1496	rBV	97559	171102	35.48%	4.062%
66	11.067	1498	1503	1512	rVB	23965	38726	8.03%	0.919%
67	11.183	1518	1522	1528	rVB4	844	1578	0.33%	0.037%
68	11.237	1528	1531	1532	rVB2	249	225	0.05%	0.005%
69	11.347	1546	1549	1550	rBV2	230	215	0.04%	0.005%
70	11.384	1553	1555	1556	rBV	341	250	0.05%	0.006%
71	11.445	1560	1565	1571	rVB2	8061	13401	2.78%	0.318%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLC35RE

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\SOM2WLM092818S.M
Title : VOC Analysis

72	11.634	1589	1596	1605	rBV	269963	463836	96.17%	11.012%
73	11.847	1626	1631	1634	rBV2	807	1297	0.27%	0.031%
74	11.878	1634	1636	1641	rVB2	456	370	0.08%	0.009%
75	12.176	1680	1685	1689	rBV4	1046	1870	0.39%	0.044%
76	12.225	1692	1693	1695	rBV2	325	266	0.06%	0.006%
77	12.402	1720	1722	1726	rBV2	202	307	0.06%	0.007%
78	12.469	1730	1733	1734	rVV	547	580	0.12%	0.014%
79	12.505	1737	1739	1741	rBV	392	300	0.06%	0.007%
80	12.530	1741	1743	1748	rBV4	392	652	0.14%	0.015%
81	12.615	1751	1757	1763	rVV	21969	34588	7.17%	0.821%
82	12.694	1763	1770	1778	rVB	124663	211825	43.92%	5.029%
83	12.859	1793	1797	1801	rBV4	841	1556	0.32%	0.037%
84	12.908	1801	1805	1806	rVV3	1322	1935	0.40%	0.046%
85	12.938	1806	1810	1817	rVB2	9784	15208	3.15%	0.361%
86	13.085	1831	1834	1835	rBV2	708	587	0.12%	0.014%
87	13.182	1845	1850	1852	rBV5	1065	1805	0.37%	0.043%
88	13.255	1859	1862	1866	rBV2	2272	2967	0.62%	0.070%
89	13.304	1866	1870	1875	rVB2	4864	6992	1.45%	0.166%
90	13.396	1881	1885	1886	rBV4	884	1203	0.25%	0.029%
91	13.566	1906	1913	1921	rBV	227733	385383	79.91%	9.149%
92	13.652	1923	1927	1933	rVB2	12696	20006	4.15%	0.475%
93	13.767	1942	1946	1949	rBV4	3894	6186	1.28%	0.147%
94	13.859	1955	1961	1974	rVB	213886	357308	74.09%	8.483%
95	14.078	1994	1997	2004	rVB5	8501	14643	3.04%	0.348%
96	14.219	2015	2020	2025	rVB5	2708	4637	0.96%	0.110%
97	14.627	2083	2087	2094	rVB8	1884	4417	0.92%	0.105%
98	14.810	2112	2117	2123	rVB4	5087	10331	2.14%	0.245%
99	15.444	2219	2221	2228	rVB3	3892	4933	1.02%	0.117%
100	16.371	2370	2373	2374	rBV3	1631	1737	0.36%	0.041%

Sum of corrected areas: 4212202

LSC Report - Integrated Chromatogram

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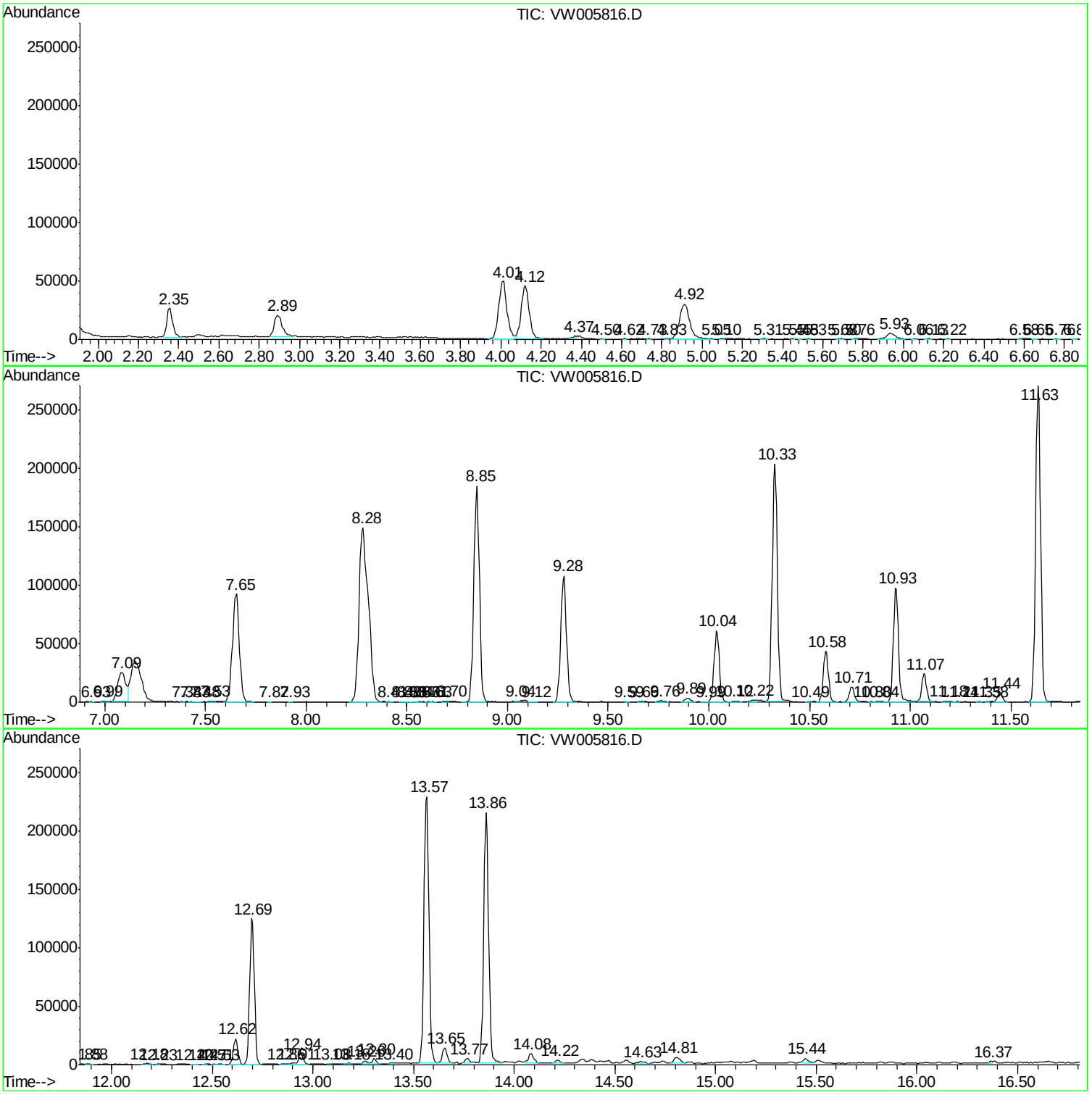
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLC35RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.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\VW100318\
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Acq On : 03 Oct 2018 15:55
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Sample : J5181-06RE
Misc : 3.65G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JLC35RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM092818S.M
Quant Title : VOC Analysis

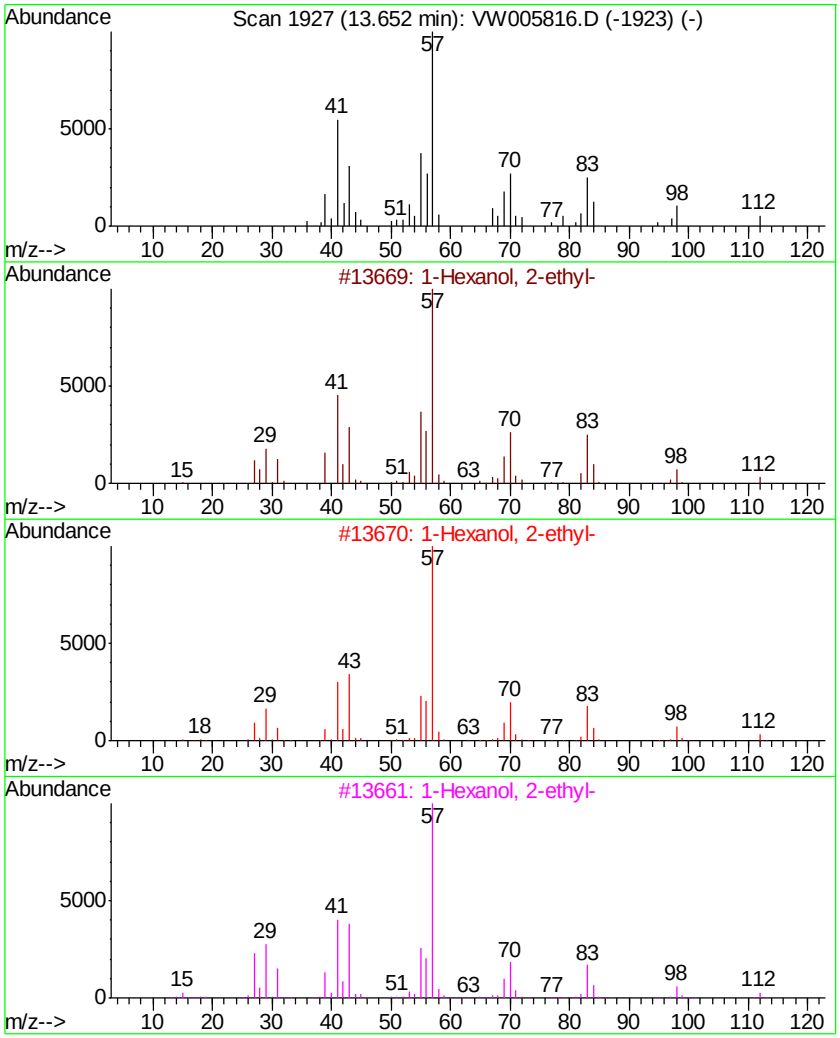
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

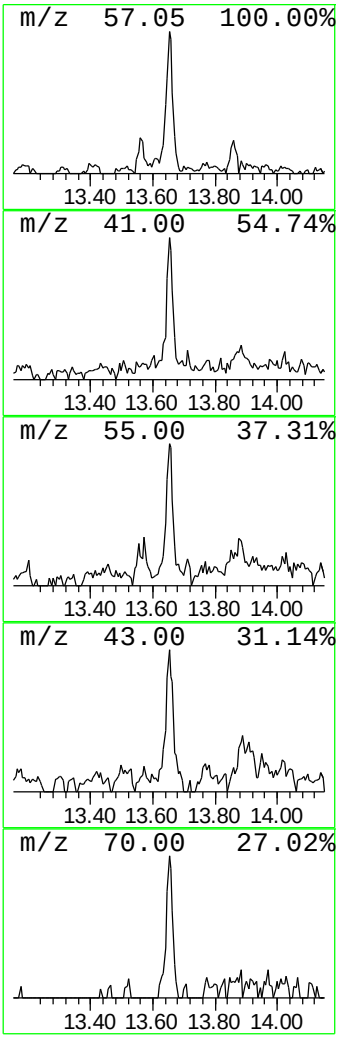
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	1.30 ug/L	20006	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	90
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	64
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW100318\
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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	1.3	ug/L	20006	3	13.57	385383	25.0