LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072918\
Data File : VW004301.D
Acq On : 28 Jul 2018 05:16
Operator : SY/AP
Sample : J4204-17
Misc : 5.39G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JJ1K4

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\SOM2WLM072618S.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	1.746	18	26	27	rBV	13157	20882	0.20%	0.123%
2	1.807	28	36	57	rVB	5074117	10706733	100.00%	63.092%
3	2.349	118	125	136	rBV	67138	124035	1.16%	0.731%
4	2.886	206	213	225	rVB	47289	113996	1.06%	0.672%
5	4.008	386	397	410	rBV	125075	420195	3.92%	2.476%
6	4.367	447	456	467	rBV3	9038	30459	0.28%	0.179%
7	4.776	522	523	524	rVB	532	195	0.00%	0.001%
8	4.904	532	544	561	rBV4	15679	66140	0.62%	0.390%
9	5.105	574	577	579	rBV4	400	645	0.01%	0.004%
10	5.434	629	631	633	rVB3	272	181	0.00%	0.001%
11	5.647	663	666	669	rBV2	370	384	0.00%	0.002%
12	5.861	699	701	703	rVB	287	178	0.00%	0.001%
13	5.940	703	714	722	rVV5	3203	9850	0.09%	0.058%
14	6.013	724	726	727	rVB2	209	150	0.00%	0.001%
15	6.062	732	734	739	rBV3	201	231	0.00%	0.001%
16	6.239	759	763	764	rBV3	197	237	0.00%	0.001%
17	6.489	802	804	805	rBV	195	173	0.00%	0.001%
18	6.623	824	826	827	rBV	237	168	0.00%	0.001%
19	6.678	833	835	837	rVB	285	198	0.00%	0.001%
20	6.824	858	859	863	rBV2	227	247	0.00%	0.001%
21	7.086	892	902	908	rBV	38864	110967	1.04%	0.654%
22	7.306	937	938	941	rVB3	495	357	0.00%	0.002%
23	7.336	941	943	946	rBV2	408	446	0.00%	0.003%
24	7.403	953	954	955	rBV	312	181	0.00%	0.001%
25	7.647	984	994	1005	rBV	164677	402076	3.76%	2.369%
26	7.757	1011	1012	1014	rBV	344	233	0.00%	0.001%
27	7.830	1022	1024	1027	rBV3	175	170	0.00%	0.001%
28	8.135	1071	1074	1078	rVB3	375	642	0.01%	0.004%
29	8.165	1078	1079	1080	rBV	260	173	0.00%	0.001%
30	8.281	1086	1098	1118	rBV2	355700	1077259	10.06%	6.348%
31	8.470	1127	1129	1130	rVB	397	267	0.00%	0.002%
32	8.555	1138	1143	1151	rVB4	1822	4832	0.05%	0.028%
33	8.616	1151	1153	1159	rBV5	359	597	0.01%	0.004%
34	8.684	1162	1164	1167	rBV2	575	726	0.01%	0.004%

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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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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.M
Title : VOC Analysis

35	8.848	1182	1191	1207	rBV	289609	584496	5.46%	3.444%
36	9.043	1217	1223	1224	rBV4	1829	2358	0.02%	0.014%
37	9.281	1253	1262	1273	rBV	246893	506550	4.73%	2.985%
38	9.409	1280	1283	1285	rBV2	519	420	0.00%	0.002%
39	9.500	1292	1298	1301	rBV3	292	606	0.01%	0.004%
40	9.561	1306	1308	1312	rVB2	207	156	0.00%	0.001%
41	9.598	1312	1314	1319	rBV4	562	790	0.01%	0.005%
42	9.714	1331	1333	1335	rVB2	315	295	0.00%	0.002%
43	9.750	1335	1339	1343	rBV5	861	1618	0.02%	0.010%
44	9.787	1343	1345	1347	rBV	395	334	0.00%	0.002%
45	10.037	1378	1386	1398	rBV	68234	124892	1.17%	0.736%
46	10.134	1398	1402	1407	rVB5	1353	2474	0.02%	0.015%
47	10.220	1412	1416	1418	rVB3	590	698	0.01%	0.004%
48	10.262	1421	1423	1425	rBV	304	235	0.00%	0.001%
49	10.330	1425	1434	1442	rBV	425792	754149	7.04%	4.444%
50	10.506	1455	1463	1466	rBV6	1362	2612	0.02%	0.015%
51	10.580	1469	1475	1482	rBV	47168	80759	0.75%	0.476%
52	10.708	1492	1496	1501	rVB	13970	22526	0.21%	0.133%
53	10.762	1501	1505	1513	rVB4	5362	9797	0.09%	0.058%
54	10.854	1519	1520	1522	rBV2	463	191	0.00%	0.001%
55	10.933	1525	1533	1545	rBV	145129	270043	2.52%	1.591%
56	11.067	1551	1555	1561	rVB	11685	19027	0.18%	0.112%
57	11.238	1577	1583	1589	rVB4	4323	7417	0.07%	0.044%
58	11.287	1589	1591	1595	rVV4	733	821	0.01%	0.005%
59	11.342	1595	1600	1604	rVB5	1453	2720	0.03%	0.016%
60	11.409	1609	1611	1612	rBV	470	295	0.00%	0.002%
61	11.445	1612	1617	1625	rVB3	6426	10808	0.10%	0.064%
62	11.506	1625	1627	1629	rBV3	365	357	0.00%	0.002%
63	11.634	1640	1648	1658	rBV	314788	523526	4.89%	3.085%
64	11.848	1679	1683	1689	rVB3	3207	4922	0.05%	0.029%
65	11.976	1702	1704	1708	rVB2	668	682	0.01%	0.004%
66	12.006	1708	1709	1712	rBV3	258	308	0.00%	0.002%
67	12.140	1724	1731	1733	rBV4	2406	4359	0.04%	0.026%
68	12.311	1755	1759	1760	rBV3	985	1247	0.01%	0.007%
69	12.348	1761	1765	1772	rVB5	3508	7186	0.07%	0.042%
70	12.421	1774	1777	1778	rBV3	682	604	0.01%	0.004%
71	12.476	1783	1786	1792	rVB3	1154	1596	0.01%	0.009%

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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\SOM2WLM072618S.M
Title : VOC Analysis

72	12.567	1800	1801	1803	rBV	528	460	0.00%	0.003%
73	12.616	1804	1809	1815	rVB	21960	34587	0.32%	0.204%
74	12.701	1815	1823	1832	rBV	160326	269052	2.51%	1.585%
75	12.793	1834	1838	1844	rVB5	2916	4869	0.05%	0.029%
76	12.866	1848	1850	1851	rBV2	1009	954	0.01%	0.006%
77	12.945	1859	1863	1869	rVB	6925	10917	0.10%	0.064%
78	13.024	1874	1876	1877	rBV	425	222	0.00%	0.001%
79	13.049	1877	1880	1881	rBV3	386	309	0.00%	0.002%
80	13.091	1885	1887	1890	rBV3	429	601	0.01%	0.004%
81	13.177	1899	1901	1903	rBV3	764	757	0.01%	0.004%
82	13.268	1911	1916	1917	rBV4	1263	1371	0.01%	0.008%
83	13.305	1920	1922	1929	rVB2	4174	5260	0.05%	0.031%
84	13.372	1930	1933	1935	rBV2	802	827	0.01%	0.005%
85	13.488	1950	1952	1953	rBV2	369	310	0.00%	0.002%
86	13.567	1958	1965	1972	rVV	161939	260073	2.43%	1.533%
87	13.658	1974	1980	1986	rVV	16416	24463	0.23%	0.144%
88	13.768	1993	1998	2002	rBV4	3007	4883	0.05%	0.029%
89	13.811	2002	2005	2006	rBV2	507	468	0.00%	0.003%
90	13.859	2006	2013	2022	rVV	171184	281515	2.63%	1.659%
91	14.024	2038	2040	2041	rBV2	780	437	0.00%	0.003%
92	14.085	2047	2050	2057	rVB	6883	10203	0.10%	0.060%
93	14.164	2061	2063	2067	rVB2	1232	1461	0.01%	0.009%
94	14.341	2088	2092	2100	rVB5	4265	7049	0.07%	0.042%
95	14.591	2129	2133	2135	rBV2	446	539	0.01%	0.003%
96	14.640	2138	2141	2142	rBV2	572	429	0.00%	0.003%
97	14.914	2184	2186	2187	rBV	447	300	0.00%	0.002%
98	15.176	2226	2229	2230	rBV2	887	892	0.01%	0.005%
99	16.243	2402	2404	2405	rBV2	522	353	0.00%	0.002%
100	16.554	2454	2455	2456	rBV	649	352	0.00%	0.002%

Sum of corrected areas: 16969990

LSC Report - Integrated Chromatogram

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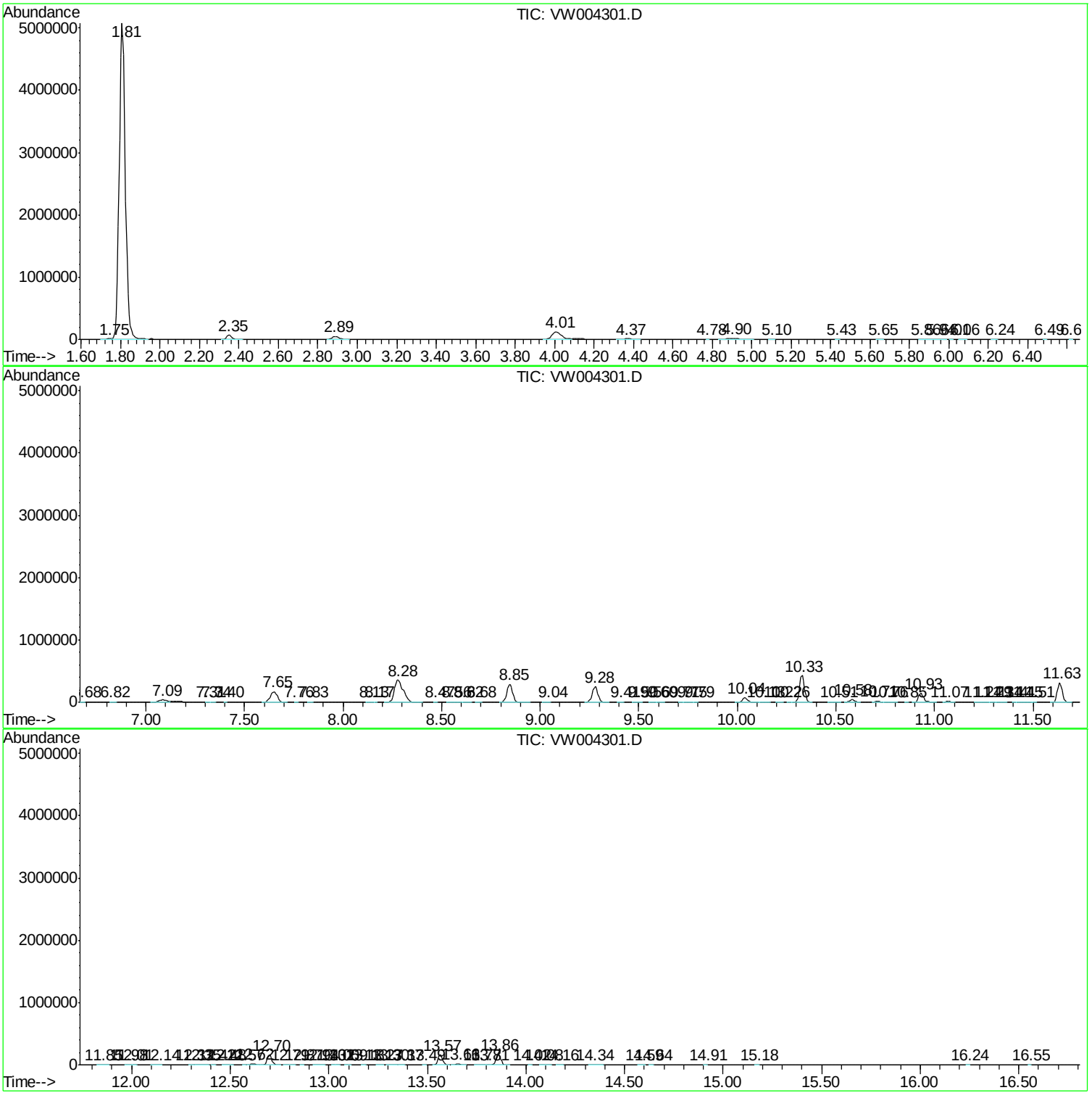
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JJ1K4

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072618S.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\SOM2WLM072618S.M
Quant Title : VOC Analysis

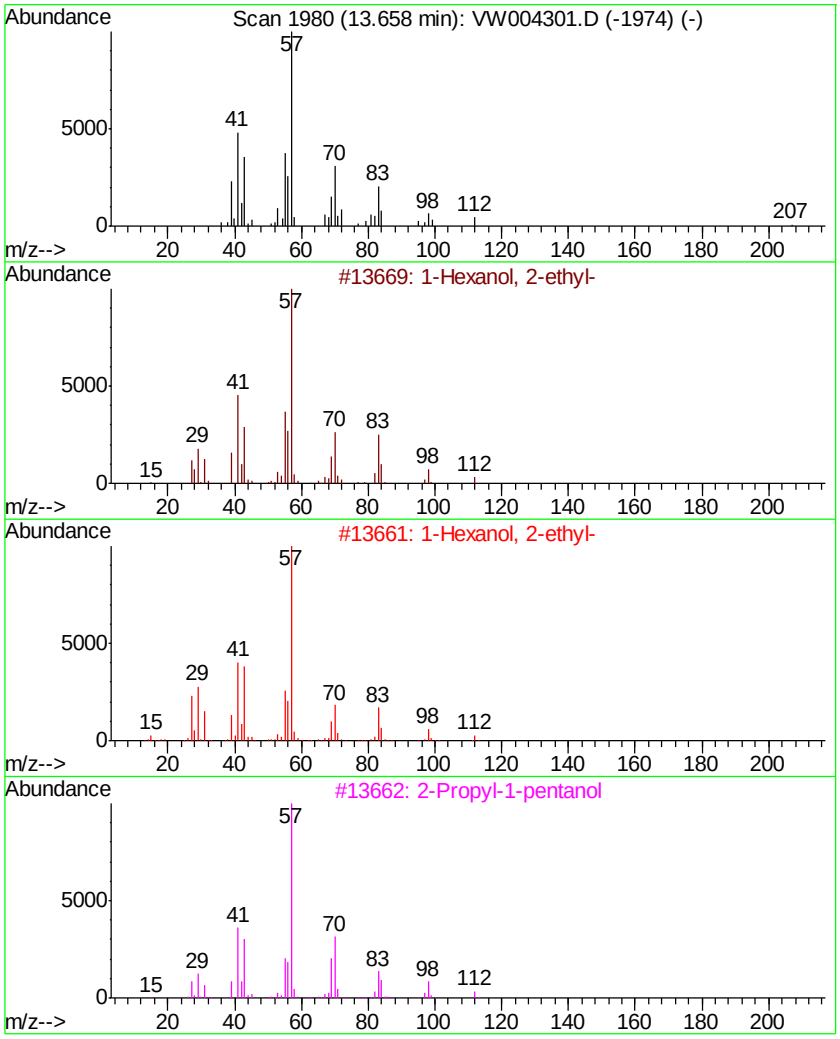
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

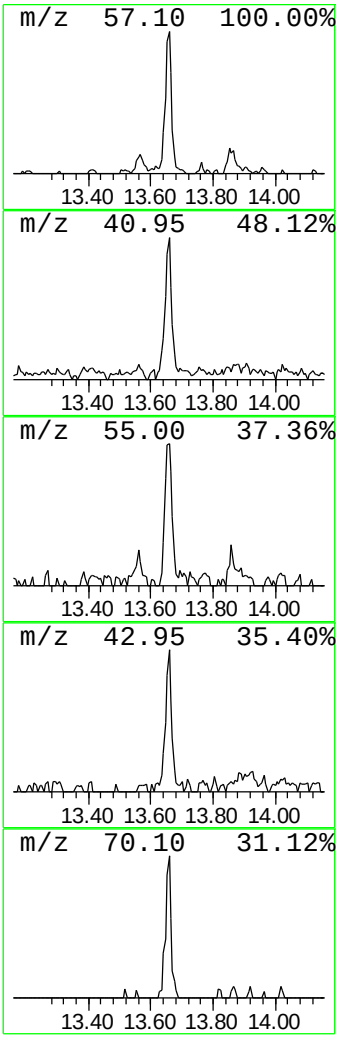
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	2.35 ug/L	24463	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	72
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	64
4	Oxirane, [[(2-ethylhexyl)oxy]met...	186	C11H22O2	002461-15-6	59
5	1-Hexanethiol, 2-ethyl-	146	C8H18S	007341-17-5	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-	13.66	2.4	ug/L	24463	3	13.57	260073	25.0