LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072918\
Data File : VW004284.D
Acq On : 27 Jul 2018 20:34
Operator : SY/AP
Sample : J4204-03
Misc : 4.71G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JJ1J0

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	1.740	16	25	28	rBV	25045	51105	3.06%	0.402%
2	1.807	28	36	50	rVB	707161	1672334	100.00%	13.166%
3	2.343	118	124	138	rBV	106803	202010	12.08%	1.590%
4	2.886	205	213	228	rBV2	51224	146757	8.78%	1.155%
5	4.008	385	397	413	rBV	143849	522273	31.23%	4.112%
6	4.367	451	456	465	rVB3	2805	7718	0.46%	0.061%
7	4.666	503	505	508	rBV3	316	336	0.02%	0.003%
8	4.910	534	545	561	rBV2	9217	37215	2.23%	0.293%
9	5.087	572	574	576	rBV2	396	407	0.02%	0.003%
10	5.245	599	600	603	rVB	341	202	0.01%	0.002%
11	5.282	604	606	612	rVB2	331	430	0.03%	0.003%
12	5.410	623	627	628	rBV2	244	220	0.01%	0.002%
13	5.550	646	650	651	rBV2	417	343	0.02%	0.003%
14	5.641	664	665	668	rVB	304	203	0.01%	0.002%
15	5.672	668	670	673	rVB2	256	207	0.01%	0.002%
16	5.733	678	680	683	rBV2	229	266	0.02%	0.002%
17	5.867	700	702	705	rVV2	232	325	0.02%	0.003%
18	5.922	705	711	720	rVB7	3390	10322	0.62%	0.081%
19	6.038	729	730	732	rVB	321	209	0.01%	0.002%
20	6.099	736	740	742	rBV3	396	455	0.03%	0.004%
21	6.361	780	783	784	rBV2	258	271	0.02%	0.002%
22	6.403	789	790	793	rVV3	230	218	0.01%	0.002%
23	6.586	817	820	823	rBV3	162	215	0.01%	0.002%
24	6.781	849	852	853	rBV	258	212	0.01%	0.002%
25	6.909	867	873	875	rBV3	764	1237	0.07%	0.010%
26	7.080	892	901	909	rBV	61488	170029	10.17%	1.339%
27	7.367	946	948	950	rBV	324	232	0.01%	0.002%
28	7.385	950	951	954	rVB	538	388	0.02%	0.003%
29	7.422	954	957	961	rBV3	212	383	0.02%	0.003%
30	7.501	967	970	972	rBV2	416	411	0.02%	0.003%
31	7.543	972	977	984	rVB5	699	1627	0.10%	0.013%
32	7.647	984	994	1007	rBV	250187	607144	36.31%	4.780%
33	7.885	1031	1033	1034	rBV2	268	214	0.01%	0.002%
34	7.952	1043	1044	1047	rBV3	301	275	0.02%	0.002%

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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

35	8.062	1060	1062	1067	rVB3	467	639	0.04%	0.005%
36	8.098	1067	1068	1073	rBV4	370	525	0.03%	0.004%
37	8.275	1085	1097	1113	rBV2	505872	1511265	90.37%	11.898%
38	8.470	1127	1129	1131	rBV2	426	457	0.03%	0.004%
39	8.623	1151	1154	1155	rBV4	503	565	0.03%	0.004%
40	8.696	1160	1166	1170	rBV4	552	1075	0.06%	0.008%
41	8.842	1182	1190	1204	rBV	443449	898201	53.71%	7.071%
42	9.037	1217	1222	1225	rBV4	1699	3127	0.19%	0.025%
43	9.135	1237	1238	1241	rBV2	283	318	0.02%	0.003%
44	9.208	1247	1250	1253	rBV3	442	644	0.04%	0.005%
45	9.275	1253	1261	1271	rBV	350544	716599	42.85%	5.642%
46	9.476	1293	1294	1297	rVB2	312	229	0.01%	0.002%
47	9.543	1303	1305	1307	rBV2	388	289	0.02%	0.002%
48	9.592	1311	1313	1314	rVV2	288	194	0.01%	0.002%
49	9.610	1314	1316	1319	rVB3	529	516	0.03%	0.004%
50	9.671	1319	1326	1328	rBV4	653	1154	0.07%	0.009%
51	9.696	1328	1330	1332	rVB2	366	343	0.02%	0.003%
52	9.775	1342	1343	1347	rVB	237	220	0.01%	0.002%
53	9.805	1347	1348	1352	rBV2	198	225	0.01%	0.002%
54	9.842	1352	1354	1356	rVB	406	217	0.01%	0.002%
55	9.970	1372	1375	1376	rBV2	263	236	0.01%	0.002%
56	10.037	1378	1386	1396	rVV	179521	329188	19.68%	2.592%
57	10.330	1424	1434	1442	rBV	693679	1241981	74.27%	9.778%
58	10.500	1460	1462	1465	rVB2	531	392	0.02%	0.003%
59	10.580	1468	1475	1485	rVV	134605	228911	13.69%	1.802%
60	10.714	1490	1497	1503	rVB	21376	38250	2.29%	0.301%
61	10.927	1525	1532	1549	rBV	252303	426273	25.49%	3.356%
62	11.073	1550	1556	1565	rVV	23212	40979	2.45%	0.323%
63	11.177	1569	1573	1581	rVB7	1293	2651	0.16%	0.021%
64	11.409	1608	1611	1613	rVV2	650	955	0.06%	0.008%
65	11.445	1613	1617	1622	rVB2	6460	9673	0.58%	0.076%
66	11.518	1627	1629	1632	rVB	555	363	0.02%	0.003%
67	11.634	1640	1648	1658	rBV	659704	1092918	65.35%	8.604%
68	11.811	1673	1677	1678	rBV3	621	765	0.05%	0.006%
69	11.841	1678	1682	1686	rVB2	1451	2462	0.15%	0.019%
70	12.055	1715	1717	1720	rBV2	261	312	0.02%	0.002%
71	12.159	1729	1734	1735	rBV2	744	1065	0.06%	0.008%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JJ1J0

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

72	12.244	1745	1748	1749	rBV	753	665	0.04%	0.005%
73	12.329	1760	1762	1763	rBV	549	462	0.03%	0.004%
74	12.402	1771	1774	1778	rVB3	322	458	0.03%	0.004%
75	12.469	1781	1785	1792	rVV5	863	1241	0.07%	0.010%
76	12.543	1795	1797	1799	rVV2	310	291	0.02%	0.002%
77	12.567	1799	1801	1802	rVV2	368	252	0.02%	0.002%
78	12.616	1802	1809	1816	rVV	20927	33428	2.00%	0.263%
79	12.695	1816	1822	1834	rVB	324129	539731	32.27%	4.249%
80	12.811	1836	1841	1844	rBV3	482	773	0.05%	0.006%
81	12.902	1848	1856	1858	rBV3	1433	2557	0.15%	0.020%
82	12.945	1858	1863	1870	rVB	7999	12068	0.72%	0.095%
83	13.030	1874	1877	1878	rBV3	248	264	0.02%	0.002%
84	13.091	1884	1887	1889	rBV2	572	620	0.04%	0.005%
85	13.116	1889	1891	1893	rVB2	297	206	0.01%	0.002%
86	13.238	1908	1911	1912	rBV3	910	985	0.06%	0.008%
87	13.305	1919	1922	1928	rVB2	3323	5518	0.33%	0.043%
88	13.360	1928	1931	1932	rVB2	417	395	0.02%	0.003%
89	13.402	1933	1938	1943	rBV5	2876	4711	0.28%	0.037%
90	13.506	1953	1955	1958	rBV3	450	695	0.04%	0.005%
91	13.567	1958	1965	1973	rVV	617485	960604	57.44%	7.563%
92	13.658	1974	1980	1989	rVB2	31095	51874	3.10%	0.408%
93	13.859	2006	2013	2026	rBV	644097	1044560	62.46%	8.224%
94	14.048	2037	2044	2046	rBV5	3168	5704	0.34%	0.045%
95	14.213	2069	2071	2072	rBV	649	451	0.03%	0.004%
96	14.341	2085	2092	2097	rBV5	13783	24191	1.45%	0.190%
97	15.195	2227	2232	2240	rVV7	6234	10929	0.65%	0.086%
98	15.268	2242	2244	2248	rVB3	986	1192	0.07%	0.009%
99	15.603	2297	2299	2300	rBV	663	441	0.03%	0.003%
100	16.377	2423	2426	2432	rVB5	3304	6269	0.37%	0.049%

Sum of corrected areas: 12701904

LSC Report - Integrated Chromatogram

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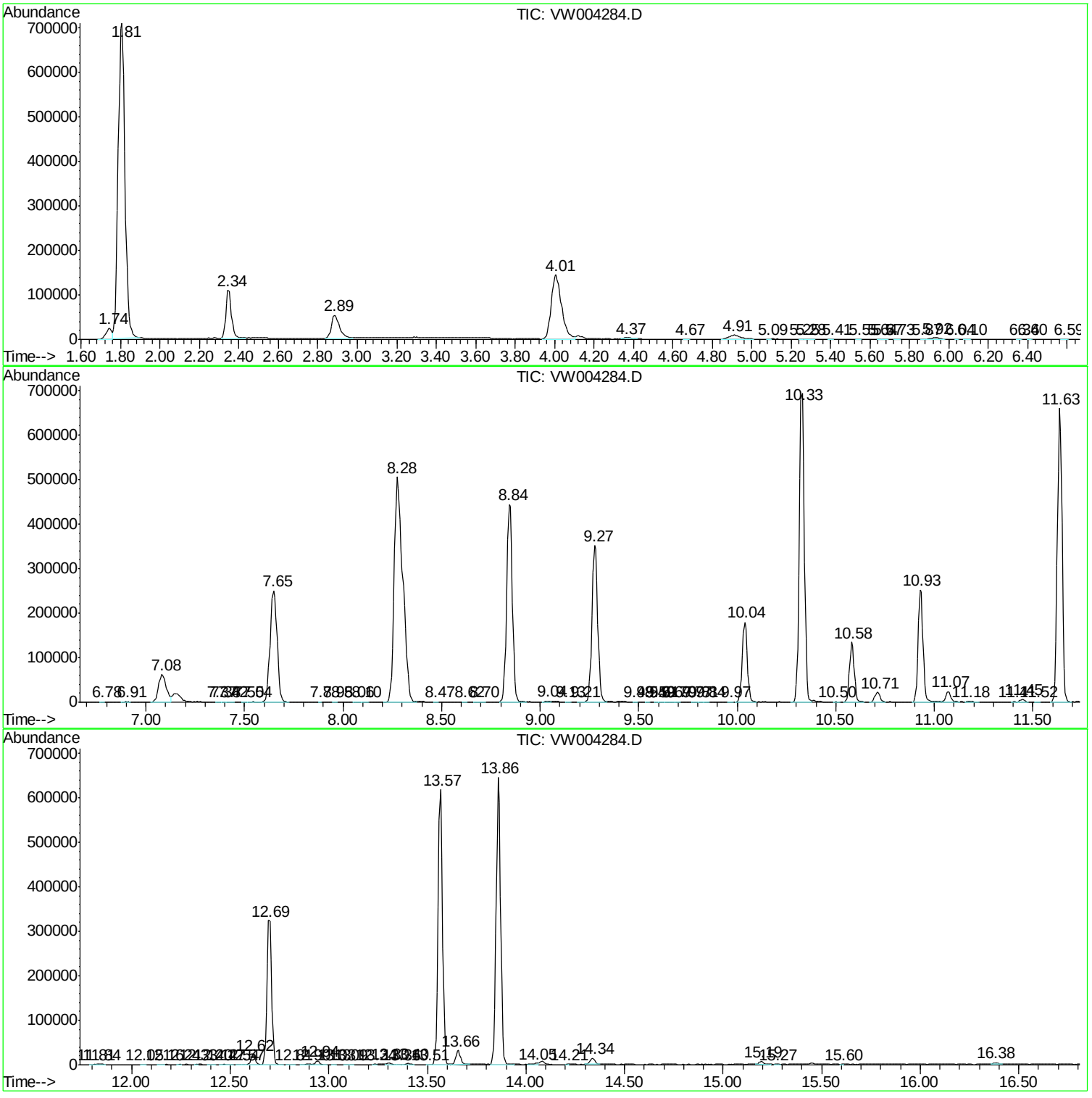
Instrument : MSVOA_W
ClientSampleId : JJ1J0

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

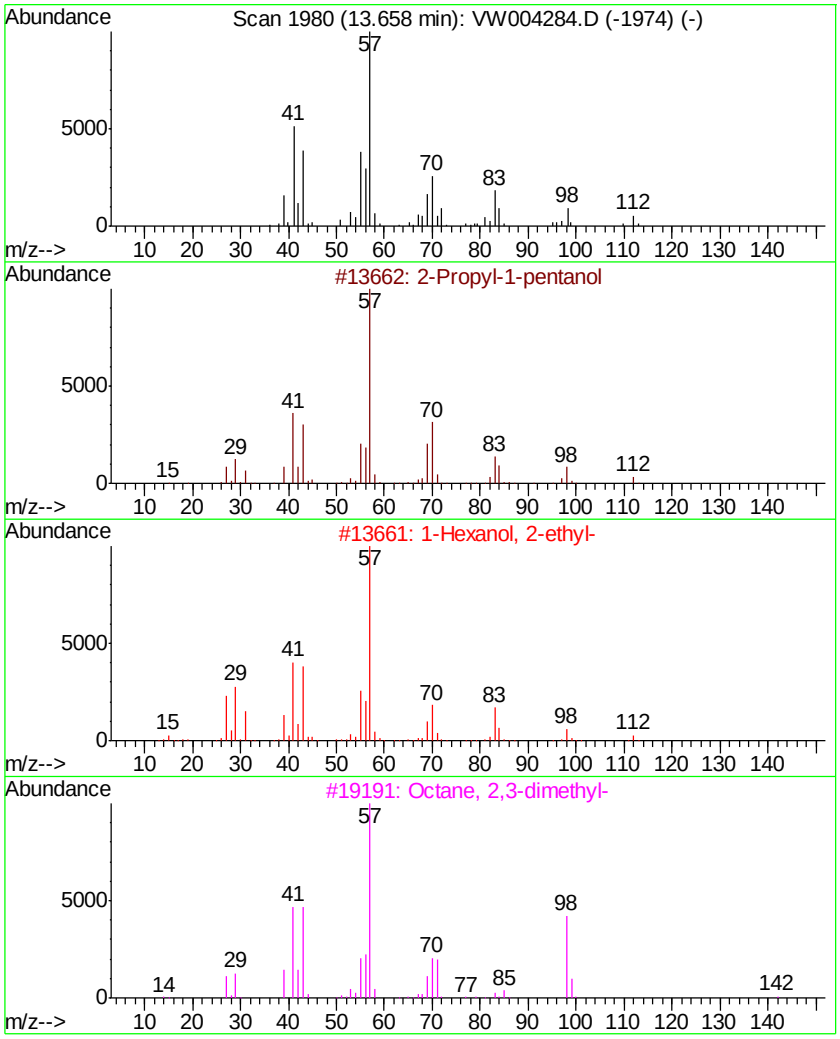
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

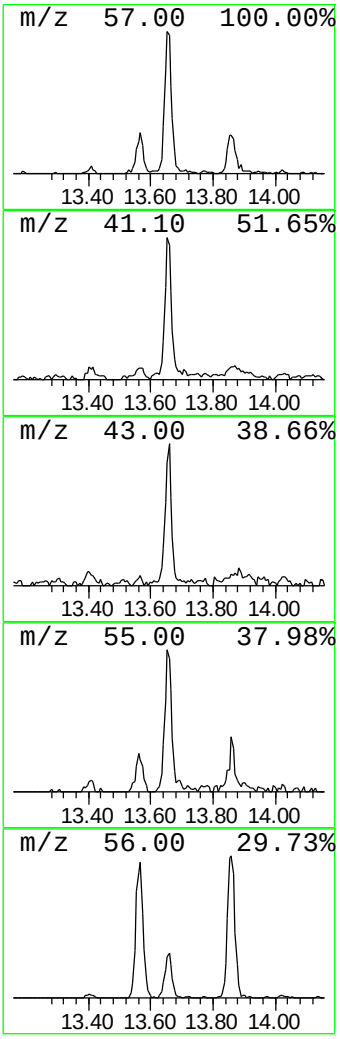
****

Peak Number 4 2-Propyl-1-pentanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	1.35 ug/L	51874	1,4-Dichlorobenzene-d4	13.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	64
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	53
4	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	46
5	1-Propene, 1-(2-propenyloxy)-, (E)-	98	C6H10O	061142-13-0	43





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
2-Propyl-1-pentanol	13.66	1.4	ug/L	51874	3	13.57	960604	25.0