LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007982.D
Acq On : 27 Dec 2018 20:54
Operator : SY/AP
Sample : J6540-07
Misc : 7.34G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAEN8

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\SOM2WLM122618S.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	2.294	63	64	67	rVB	629	371	0.18%	0.021%
2	2.355	67	74	85	rVB	12584	24751	11.99%	1.433%
3	2.605	113	115	122	rVB	410	526	0.25%	0.030%
4	2.678	125	127	128	rBV	139	107	0.05%	0.006%
5	2.764	139	141	145	rVB	167	232	0.11%	0.013%
6	2.794	145	146	148	rVB	205	137	0.07%	0.008%
7	2.812	148	149	153	rBV	150	201	0.10%	0.012%
8	2.843	153	154	155	rVV	230	135	0.07%	0.008%
9	2.892	155	162	175	rVV	7462	18501	8.97%	1.071%
10	3.026	182	184	186	rBV	217	179	0.09%	0.010%
11	3.068	189	191	194	rVB2	122	97	0.05%	0.006%
12	3.093	194	195	197	rVB	257	105	0.05%	0.006%
13	3.117	197	199	201	rBV	199	151	0.07%	0.009%
14	3.270	221	224	226	rBV	245	237	0.11%	0.014%
15	3.452	251	254	256	rBV	127	183	0.09%	0.011%
16	3.666	288	289	293	rVB	83	76	0.04%	0.004%
17	3.824	311	315	316	rBV	82	119	0.06%	0.007%
18	3.836	316	317	320	rVV	208	186	0.09%	0.011%
19	4.007	335	345	356	rBV2	28720	75672	36.67%	4.381%
20	4.117	356	363	373	rVB3	2242	5912	2.87%	0.342%
21	4.397	401	409	415	rBB3	482	1118	0.54%	0.065%
22	4.897	487	491	499	rBB4	542	1148	0.56%	0.066%
23	5.172	533	536	540	rBV	135	225	0.11%	0.013%
24	5.525	583	594	595	rBV	1874	4245	2.06%	0.246%
25	5.812	638	641	646	rVB	127	184	0.09%	0.011%
26	5.848	646	647	652	rVV	103	150	0.07%	0.009%
27	5.915	655	658	659	rBB	138	113	0.05%	0.007%
28	5.946	659	663	664	rBB	254	250	0.12%	0.014%
29	5.970	665	667	669	rBV	102	119	0.06%	0.007%
30	5.995	669	671	674	rVB	88	98	0.05%	0.006%
31	6.519	756	757	760	rBB	114	105	0.05%	0.006%
32	6.909	820	821	824	rVB	89	93	0.05%	0.005%
33	7.080	841	849	858	rBV2	7190	20731	10.05%	1.200%
34	7.647	933	942	953	rBB	37788	88846	43.06%	5.143%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAEN8

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\SOM2WLM122618S.M
Title : VOC Analysis

35	7.946	987	991	998	rBB4	799	1562	0.76%	0.090%
36	8.275	1036	1045	1059	rVB2	68584	206350	100.00%	11.945%
37	8.842	1130	1138	1149	rBB	77216	149465	72.43%	8.652%
38	8.982	1158	1161	1162	rBB	100	79	0.04%	0.005%
39	9.025	1166	1168	1170	rBB	122	113	0.05%	0.007%
40	9.275	1200	1209	1218	rBB	47100	94098	45.60%	5.447%
41	9.409	1227	1231	1235	rBB2	427	515	0.25%	0.030%
42	10.037	1327	1334	1342	rBB	29965	52669	25.52%	3.049%
43	10.323	1373	1381	1389	rBV	99808	177485	86.01%	10.274%
44	10.390	1389	1392	1398	rVB	538	834	0.40%	0.048%
45	10.579	1416	1423	1429	rBB	20837	34534	16.74%	1.999%
46	10.707	1438	1444	1451	rVB2	10232	17544	8.50%	1.016%
47	10.927	1474	1480	1489	rVB	34060	55500	26.90%	3.213%
48	11.073	1498	1504	1509	rBB3	2071	3208	1.55%	0.186%
49	11.634	1589	1596	1604	rBB	109260	180540	87.49%	10.451%
50	11.829	1626	1628	1632	rBB	153	196	0.09%	0.011%
51	12.164	1681	1683	1685	rBB	104	90	0.04%	0.005%
52	12.341	1708	1712	1716	rBB2	1331	1805	0.87%	0.104%
53	12.615	1750	1757	1764	rBB	23718	38290	18.56%	2.217%
54	12.695	1764	1770	1777	rBB	45397	73473	35.61%	4.253%
55	12.896	1799	1803	1806	rBB2	349	382	0.19%	0.022%
56	13.280	1859	1866	1871	rBB2	524	1191	0.58%	0.069%
57	13.396	1881	1885	1891	rBB2	2997	4371	2.12%	0.253%
58	13.560	1906	1912	1919	rBB	113742	178356	86.43%	10.325%
59	13.652	1922	1927	1933	rBV	16250	24902	12.07%	1.442%
60	13.859	1954	1961	1967	rBV	103533	165838	80.37%	9.600%
61	13.902	1967	1968	1972	rVB	151	133	0.06%	0.008%
62	14.079	1989	1997	2002	rBB2	5308	8628	4.18%	0.499%
63	14.329	2031	2038	2043	rBB3	2488	3524	1.71%	0.204%
64	14.530	2068	2071	2074	rBB2	375	463	0.22%	0.027%
65	14.627	2085	2087	2089	rBB2	124	90	0.04%	0.005%
66	15.017	2148	2151	2152	rBB2	84	80	0.04%	0.005%
67	15.097	2161	2164	2166	rBB	76	89	0.04%	0.005%
68	15.194	2177	2180	2182	rBB	136	137	0.07%	0.008%
69	15.267	2189	2192	2195	rBB	209	256	0.12%	0.015%
70	15.298	2195	2197	2200	rBB	159	158	0.08%	0.009%
71	15.365	2206	2208	2212	rBB	132	165	0.08%	0.010%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAEN8

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\SOM2WLM122618S.M
Title : VOC Analysis

72	15.505	2225	2231	2237	rBV	621	1164	0.56%	0.067%
73	15.554	2237	2239	2241	rVV2	150	150	0.07%	0.009%
74	15.609	2245	2248	2249	rBB2	126	84	0.04%	0.005%
75	15.700	2262	2263	2266	rBB2	104	92	0.04%	0.005%
76	15.761	2271	2273	2275	rBB	92	93	0.05%	0.005%
77	15.828	2281	2284	2287	rBB	171	186	0.09%	0.011%
78	15.877	2291	2292	2294	rBV	149	117	0.06%	0.007%
79	15.956	2302	2305	2306	rBB	83	82	0.04%	0.005%
80	15.975	2306	2308	2310	rBB	87	86	0.04%	0.005%
81	16.005	2311	2313	2316	rBV	143	154	0.07%	0.009%
82	16.072	2321	2324	2327	rVB	117	154	0.07%	0.009%
83	16.109	2327	2330	2333	rBV	138	189	0.09%	0.011%
84	16.145	2334	2336	2339	rVV	153	186	0.09%	0.011%
85	16.194	2339	2344	2347	rVB	160	277	0.13%	0.016%
86	16.273	2352	2357	2358	rBV	196	219	0.11%	0.013%
87	16.285	2358	2359	2361	rVB	135	92	0.04%	0.005%
88	16.346	2368	2369	2371	rVB	130	77	0.04%	0.004%
89	16.383	2373	2375	2378	rBB	129	116	0.06%	0.007%
90	16.420	2378	2381	2384	rBV	240	296	0.14%	0.017%
91	16.468	2386	2389	2390	rVV	153	151	0.07%	0.009%
92	16.481	2390	2391	2392	rVV	133	77	0.04%	0.004%
93	16.499	2392	2394	2395	rVV	113	104	0.05%	0.006%
94	16.511	2395	2396	2399	rVB	198	164	0.08%	0.009%
95	16.566	2402	2405	2407	rBV	126	140	0.07%	0.008%
96	16.621	2410	2414	2416	rBB	123	138	0.07%	0.008%
97	16.682	2421	2424	2425	rBB	229	139	0.07%	0.008%
98	16.718	2428	2430	2431	rVV	133	97	0.05%	0.006%
99	16.737	2431	2433	2434	rVV	103	88	0.04%	0.005%
100	16.755	2434	2436	2438	rVV	163	140	0.07%	0.008%

Sum of corrected areas: 1727468

LSC Report - Integrated Chromatogram

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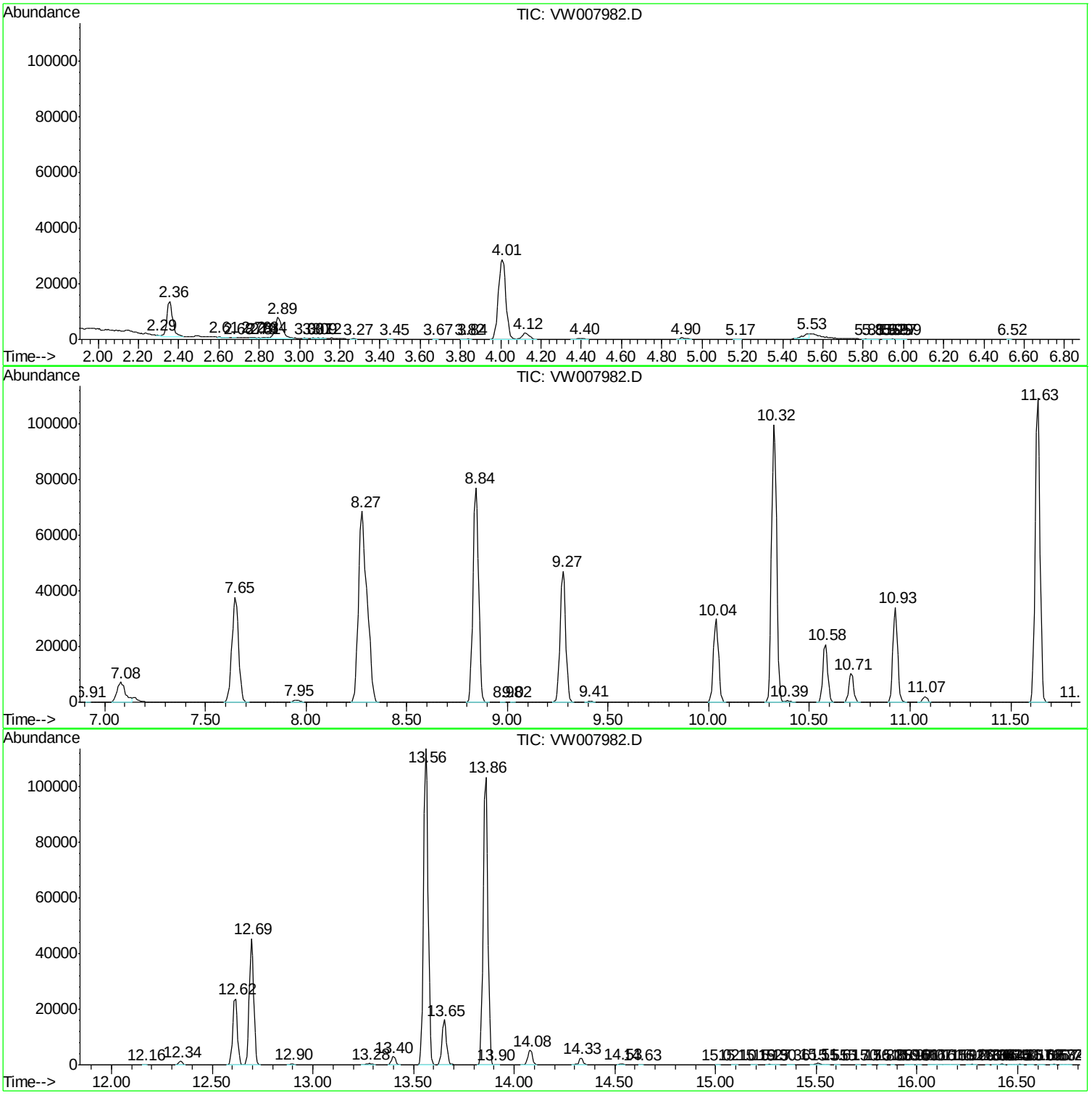
Instrument : MSVOA_W
ClientSampleId : GAEN8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis

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



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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAEN8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis

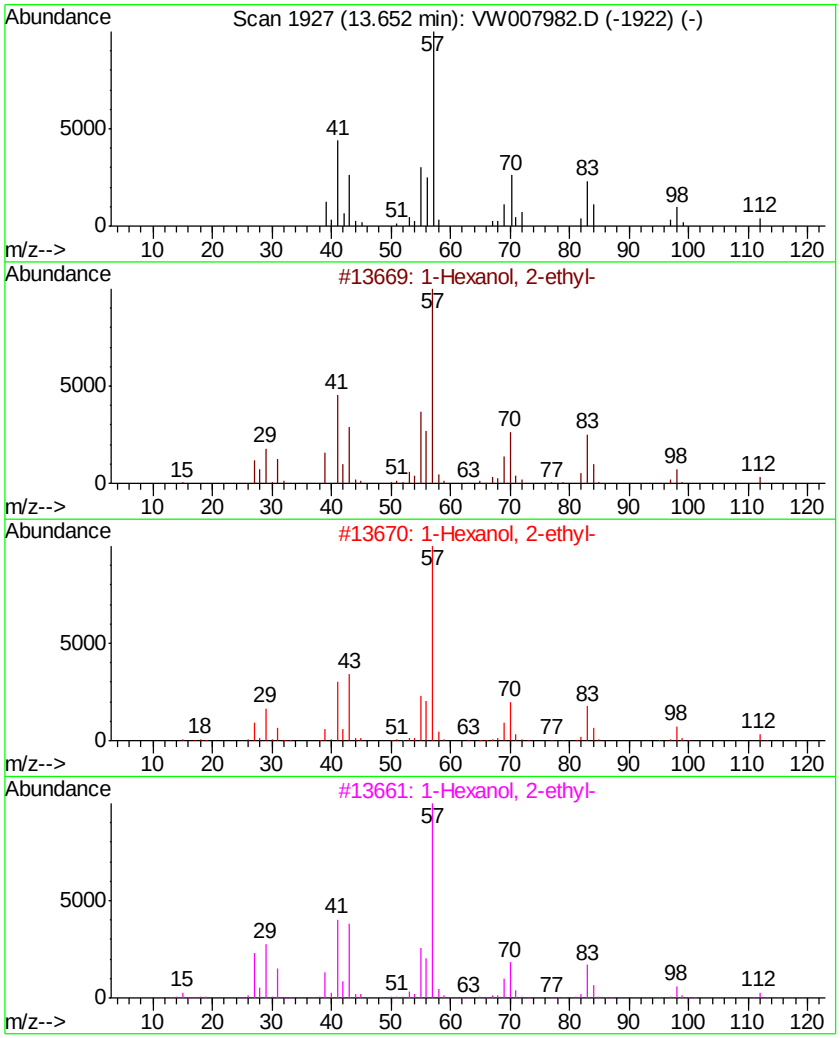
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

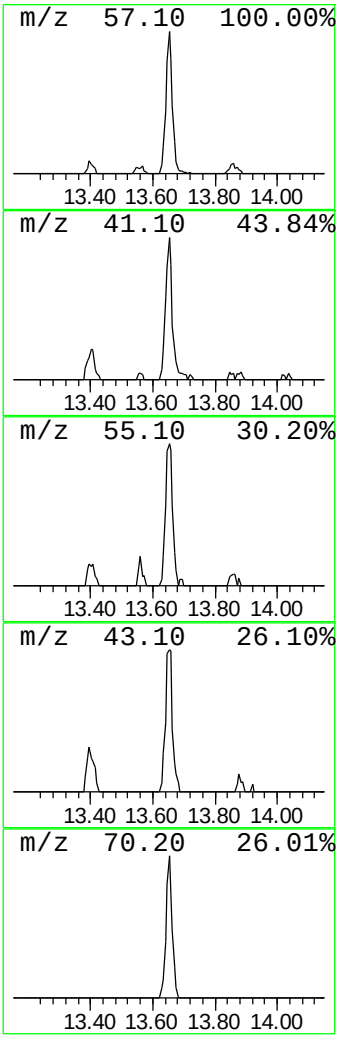
****

Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	3.49 ug/L	24902	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	90
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	53





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.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	3.5	ug/L	24902	3	13.56	178356	25.0