LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW122718\
Data File : VW007984.D
Acq On : 27 Dec 2018 21:46
Operator : SY/AP
Sample : J6540-09
Misc : 6.36G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAEP0

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	2.300	63	65	69	rBV	602	692	0.21%	0.024%
2	2.361	69	75	93	rVB	16416	40776	12.19%	1.432%
3	2.489	93	96	98	rBV	494	792	0.24%	0.028%
4	2.574	106	110	117	rVB3	1784	3888	1.16%	0.137%
5	2.623	117	118	121	rVB	513	341	0.10%	0.012%
6	2.654	121	123	124	rBV	244	153	0.05%	0.005%
7	2.794	145	146	148	rBV	363	317	0.09%	0.011%
8	2.824	148	151	152	rVV	570	547	0.16%	0.019%
9	2.891	154	162	174	rVV2	10854	29403	8.79%	1.033%
10	3.044	181	187	194	rVB4	1010	2685	0.80%	0.094%
11	3.123	197	200	203	rVB	299	279	0.08%	0.010%
12	3.196	211	212	214	rBV	183	149	0.04%	0.005%
13	3.288	223	227	228	rVV	112	115	0.03%	0.004%
14	3.312	228	231	233	rVV	144	127	0.04%	0.004%
15	3.391	237	244	249	rBB3	561	1190	0.36%	0.042%
16	3.434	249	251	256	rBB	109	153	0.05%	0.005%
17	3.532	264	267	271	rVB2	165	256	0.08%	0.009%
18	3.568	271	273	275	rBV	160	147	0.04%	0.005%
19	3.641	282	285	286	rBV	148	157	0.05%	0.006%
20	3.714	295	297	300	rVB	125	145	0.04%	0.005%
21	3.855	316	320	325	rBB2	339	560	0.17%	0.020%
22	4.007	335	345	359	rBV	38851	116773	34.91%	4.102%
23	4.117	359	363	374	rVB	3155	8135	2.43%	0.286%
24	4.385	400	407	418	rBB3	1955	5571	1.67%	0.196%
25	4.903	487	492	494	rBV2	577	944	0.28%	0.033%
26	4.995	501	507	508	rBV	955	1457	0.44%	0.051%
27	5.098	521	524	525	rBV2	343	359	0.11%	0.013%
28	5.117	525	527	528	rVV	413	387	0.12%	0.014%
29	5.141	528	531	536	rVV2	448	810	0.24%	0.028%
30	5.196	538	540	543	rVB	153	139	0.04%	0.005%
31	5.397	569	573	574	rBV	162	194	0.06%	0.007%
32	5.568	577	601	621	rBV	16386	98947	29.58%	3.476%
33	5.757	630	632	635	rVB	377	290	0.09%	0.010%
34	5.928	656	660	669	rVV3	383	815	0.24%	0.029%

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Instrument : MSVOA_W
ClientSampleId : GAEP0

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	6.062	679	682	685	rVB	128	135	0.04%	0.005%
36	6.446	742	745	748	rBB	105	146	0.04%	0.005%
37	6.885	814	817	818	rBV	366	399	0.12%	0.014%
38	6.903	818	820	824	rVB2	517	669	0.20%	0.024%
39	6.976	830	832	834	rBB2	144	109	0.03%	0.004%
40	7.080	840	849	856	rBV	12698	35560	10.63%	1.249%
41	7.141	857	859	872	rVV2	4405	9267	2.77%	0.326%
42	7.647	932	942	953	rBB	60511	147799	44.18%	5.192%
43	8.275	1036	1045	1061	rBB2	112679	334522	100.00%	11.751%
44	8.695	1113	1114	1117	rBB	124	108	0.03%	0.004%
45	8.842	1130	1138	1148	rVB	117473	225632	67.45%	7.926%
46	9.024	1165	1168	1175	rBB3	852	1520	0.45%	0.053%
47	9.274	1201	1209	1218	rBB	78384	153645	45.93%	5.397%
48	9.415	1227	1232	1239	rBB4	961	1875	0.56%	0.066%
49	10.037	1326	1334	1342	rBB	49794	86355	25.81%	3.033%
50	10.323	1373	1381	1389	rBV	164120	286705	85.71%	10.071%
51	10.390	1389	1392	1397	rVB	1105	1697	0.51%	0.060%
52	10.579	1416	1423	1430	rBB2	34600	58157	17.39%	2.043%
53	10.707	1438	1444	1450	rBV	13167	22700	6.79%	0.797%
54	10.768	1450	1454	1455	rVV	424	560	0.17%	0.020%
55	10.792	1455	1458	1464	rVB	347	664	0.20%	0.023%
56	10.927	1473	1480	1493	rBB	58923	95360	28.51%	3.350%
57	11.073	1499	1504	1509	rBV2	5795	9562	2.86%	0.336%
58	11.634	1588	1596	1605	rVB	168189	277912	83.08%	9.762%
59	11.713	1606	1609	1613	rBV2	235	379	0.11%	0.013%
60	11.835	1627	1629	1634	rBB2	318	383	0.11%	0.013%
61	12.103	1669	1673	1674	rBB2	149	139	0.04%	0.005%
62	12.164	1681	1683	1686	rBV	185	237	0.07%	0.008%
63	12.335	1709	1711	1715	rBB	404	446	0.13%	0.016%
64	12.615	1751	1757	1764	rBB	21964	35528	10.62%	1.248%
65	12.695	1764	1770	1777	rBB	76598	124213	37.13%	4.363%
66	12.890	1799	1802	1809	rBB2	1168	1958	0.59%	0.069%
67	13.280	1859	1866	1871	rBB3	1340	2686	0.80%	0.094%
68	13.402	1883	1886	1889	rBB	451	466	0.14%	0.016%
69	13.560	1906	1912	1920	rBB	176457	278622	83.29%	9.787%
70	13.652	1920	1927	1934	rBV	21514	33028	9.87%	1.160%
71	13.700	1934	1935	1938	rVV	304	208	0.06%	0.007%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAEP0

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	13.768	1941	1946	1947	rBB	133	156	0.05%	0.005%
73	13.859	1954	1961	1968	rBV	167112	274697	82.12%	9.649%
74	14.078	1990	1997	2003	rBB	8978	13628	4.07%	0.479%
75	14.298	2031	2033	2034	rBV	373	314	0.09%	0.011%
76	14.328	2034	2038	2044	rVB3	2597	3823	1.14%	0.134%
77	14.536	2067	2072	2075	rBV3	691	1043	0.31%	0.037%
78	14.572	2077	2078	2080	rVV3	300	206	0.06%	0.007%
79	14.731	2103	2104	2106	rBB3	185	114	0.03%	0.004%
80	15.182	2176	2178	2181	rBV3	206	196	0.06%	0.007%
81	15.212	2181	2183	2186	rVB	262	247	0.07%	0.009%
82	15.255	2189	2190	2193	rBB	173	148	0.04%	0.005%
83	15.365	2207	2208	2210	rBV	119	110	0.03%	0.004%
84	15.383	2210	2211	2213	rVB	195	118	0.04%	0.004%
85	15.505	2226	2231	2237	rBB	1566	2697	0.81%	0.095%
86	15.804	2278	2280	2283	rVB	203	189	0.06%	0.007%
87	15.877	2291	2292	2295	rBV	130	130	0.04%	0.005%
88	15.914	2295	2298	2301	rVB	151	157	0.05%	0.006%
89	16.017	2311	2315	2316	rBB	137	148	0.04%	0.005%
90	16.109	2328	2330	2333	rBB	144	117	0.03%	0.004%
91	16.218	2345	2348	2350	rBV	80	119	0.04%	0.004%
92	16.310	2360	2363	2366	rBB	156	165	0.05%	0.006%
93	16.450	2383	2386	2387	rBV	103	128	0.04%	0.004%
94	16.462	2387	2388	2392	rVB	129	153	0.05%	0.005%
95	16.511	2393	2396	2398	rBV	111	158	0.05%	0.006%
96	16.560	2401	2404	2407	rBB	151	200	0.06%	0.007%
97	16.608	2408	2412	2413	rBV	102	136	0.04%	0.005%
98	16.621	2413	2414	2416	rVV	139	124	0.04%	0.004%
99	16.651	2417	2419	2423	rVB	162	205	0.06%	0.007%
100	16.737	2431	2433	2434	rBV	186	118	0.04%	0.004%

Sum of corrected areas: 2846788

LSC Report - Integrated Chromatogram

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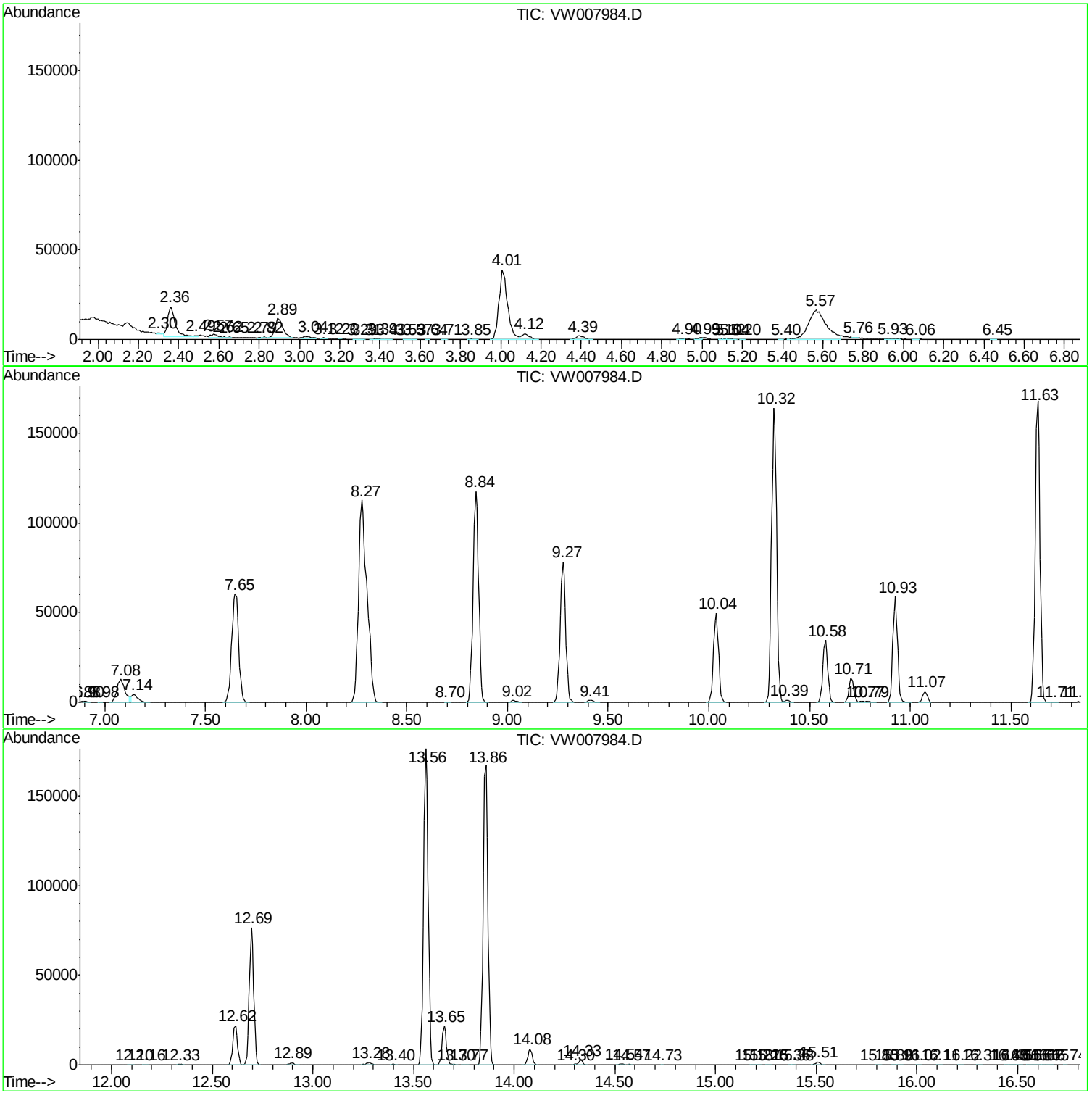
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAEP0

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\
Data File : VW007984.D
Acq On : 27 Dec 2018 21:46
Operator : SY/AP
Sample : J6540-09
Misc : 6.36G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAEP0

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

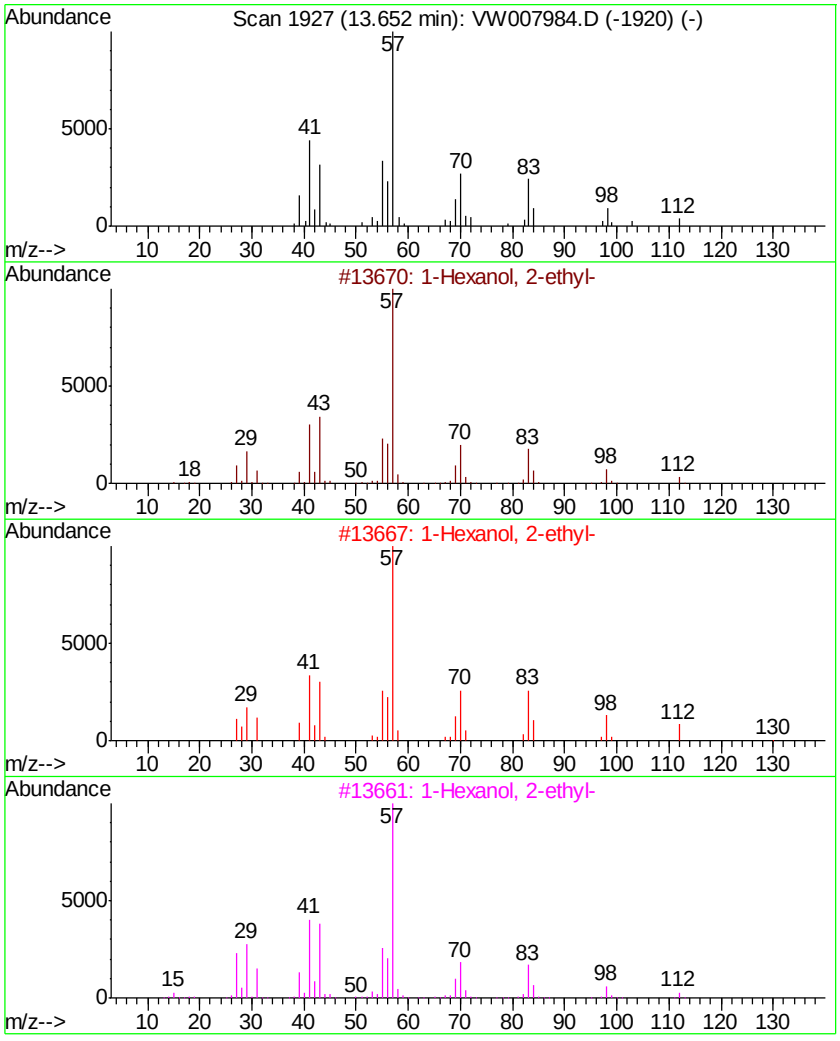
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

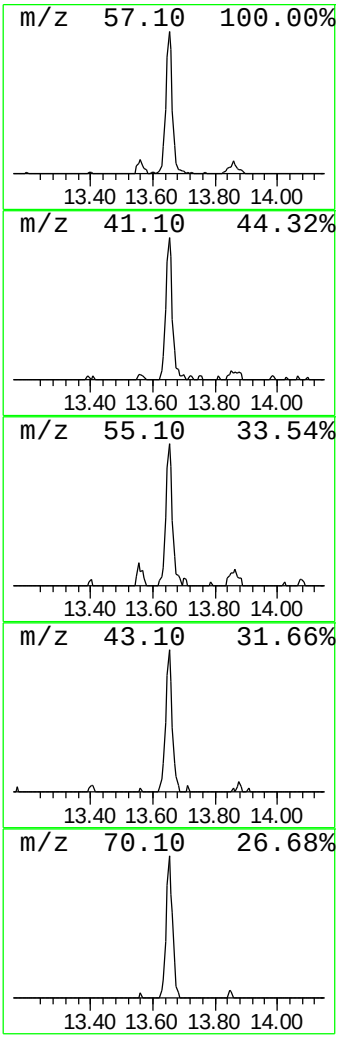
****

Peak Number 5 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	2.96 ug/L	33028	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	86
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\
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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	3.0	ug/L	33028	3	13.56	278622	25.0