LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062419\
Data File : VW010946.D
Acq On : 24 Jun 2019 22:37
Operator : SY/VA
Sample : K3456-14
Misc : 3.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANT8

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\SOM2WLM062419S.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	2.349	68	73	80	rBV	18987	33450	4.26%	0.594%
2	2.879	156	160	171	rVB	16587	37780	4.81%	0.671%
3	3.251	219	221	224	rVB3	603	613	0.08%	0.011%
4	3.385	241	243	244	rVB	830	599	0.08%	0.011%
5	3.836	313	317	318	rBV4	621	681	0.09%	0.012%
6	4.013	334	346	358	rBV	35749	120655	15.36%	2.144%
7	4.123	359	364	374	rVB	8404	22026	2.80%	0.391%
8	4.391	399	408	415	rBV2	4543	13648	1.74%	0.243%
9	4.605	434	443	451	rBV2	17567	55217	7.03%	0.981%
10	4.909	484	493	495	rBV6	3213	7285	0.93%	0.129%
11	5.117	523	527	529	rBV2	554	783	0.10%	0.014%
12	5.196	538	540	543	rVB	885	603	0.08%	0.011%
13	5.233	543	546	549	rVB3	457	584	0.07%	0.010%
14	5.281	549	554	556	rBV2	407	462	0.06%	0.008%
15	5.812	639	641	646	rVB	522	679	0.09%	0.012%
16	5.934	654	661	669	rVB6	1626	4913	0.63%	0.087%
17	6.031	674	677	681	rVV3	492	653	0.08%	0.012%
18	6.123	689	692	694	rBV2	480	484	0.06%	0.009%
19	6.153	694	697	701	rVV4	254	482	0.06%	0.009%
20	6.696	781	786	790	rVB2	298	481	0.06%	0.009%
21	6.903	816	820	821	rBV3	468	590	0.08%	0.010%
22	6.921	821	823	826	rBV3	642	596	0.08%	0.011%
23	6.988	829	834	839	rBV3	1214	2888	0.37%	0.051%
24	7.080	841	849	852	rVV	23094	58778	7.48%	1.044%
25	7.135	853	858	875	rVB	62014	183573	23.38%	3.262%
26	7.421	900	905	906	rBV3	1332	1700	0.22%	0.030%
27	7.525	919	922	923	rBV2	590	666	0.08%	0.012%
28	7.647	931	942	955	rBV	112952	299207	38.10%	5.317%
29	7.817	966	970	972	rBV3	394	506	0.06%	0.009%
30	7.842	972	974	978	rVB4	468	600	0.08%	0.011%
31	7.958	989	993	994	rVB3	508	557	0.07%	0.010%
32	8.275	1033	1045	1061	rBV2	233890	785308	100.00%	13.955%
33	8.397	1063	1065	1070	rVB5	856	1508	0.19%	0.027%
34	8.592	1094	1097	1099	rVB4	614	777	0.10%	0.014%

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Instrument : MSVOA_W
ClientSampleId : YANT8

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\SOM2WLM062419S.M
Title : VOC Analysis

35	8.677	1104	1111	1112	rBV4	620	866	0.11%	0.015%
36	8.756	1122	1124	1129	rVB3	349	526	0.07%	0.009%
37	8.842	1129	1138	1147	rBV	213723	431025	54.89%	7.659%
38	8.945	1153	1155	1159	rVB3	475	632	0.08%	0.011%
39	9.073	1169	1176	1186	rVB2	27394	56212	7.16%	0.999%
40	9.207	1195	1198	1200	rBV	680	801	0.10%	0.014%
41	9.275	1200	1209	1218	rBV	207528	424678	54.08%	7.547%
42	9.579	1255	1259	1263	rBV4	669	939	0.12%	0.017%
43	9.665	1266	1273	1278	rBV6	1575	3217	0.41%	0.057%
44	9.890	1301	1310	1317	rBV5	1882	4533	0.58%	0.081%
45	10.037	1321	1334	1343	rBV	79823	147347	18.76%	2.618%
46	10.122	1343	1348	1356	rVB5	2187	5365	0.68%	0.095%
47	10.219	1356	1364	1366	rBV4	2784	5701	0.73%	0.101%
48	10.323	1373	1381	1389	rBV	308187	539354	68.68%	9.584%
49	10.500	1409	1410	1414	rVB2	581	581	0.07%	0.010%
50	10.579	1414	1423	1434	rBV	57345	101586	12.94%	1.805%
51	10.707	1437	1444	1450	rVB	12122	21152	2.69%	0.376%
52	10.780	1453	1456	1459	rVB3	585	674	0.09%	0.012%
53	10.854	1462	1468	1473	rVB6	943	1950	0.25%	0.035%
54	10.927	1473	1480	1492	rBV2	43781	86841	11.06%	1.543%
55	11.012	1492	1494	1495	rBV2	575	578	0.07%	0.010%
56	11.067	1498	1503	1513	rVB3	18273	39315	5.01%	0.699%
57	11.171	1518	1520	1527	rVB3	2126	3304	0.42%	0.059%
58	11.280	1535	1538	1542	rVB3	506	653	0.08%	0.012%
59	11.408	1556	1559	1560	rVV2	818	1056	0.13%	0.019%
60	11.445	1560	1565	1570	rVB3	4766	8116	1.03%	0.144%
61	11.634	1587	1596	1605	rBV	353280	604424	76.97%	10.741%
62	11.829	1625	1628	1629	rBV3	479	493	0.06%	0.009%
63	11.878	1634	1636	1638	rVB3	616	542	0.07%	0.010%
64	12.164	1680	1683	1685	rBV4	931	1074	0.14%	0.019%
65	12.341	1708	1712	1715	rBV3	538	775	0.10%	0.014%
66	12.396	1719	1721	1725	rBV2	586	957	0.12%	0.017%
67	12.469	1728	1733	1738	rVB5	2258	3708	0.47%	0.066%
68	12.567	1741	1749	1750	rBV4	489	1034	0.13%	0.018%
69	12.609	1750	1756	1763	rVB	12828	22485	2.86%	0.400%
70	12.695	1763	1770	1777	rBV	182390	301313	38.37%	5.354%
71	12.853	1793	1796	1797	rBV3	539	550	0.07%	0.010%

LSC Area Percent Report

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Operator : SY/VA
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Misc : 3.09G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANT8

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\SOM2WLM062419S.M
Title : VOC Analysis

72	12.890	1800	1802	1806	rVV4	858	1263	0.16%	0.022%
73	12.938	1806	1810	1816	rVB3	3936	6263	0.80%	0.111%
74	13.079	1831	1833	1838	rBV6	513	871	0.11%	0.015%
75	13.152	1842	1845	1847	rBV3	495	604	0.08%	0.011%
76	13.195	1847	1852	1858	rVB5	1664	3146	0.40%	0.056%
77	13.280	1858	1866	1867	rBV5	1390	2798	0.36%	0.050%
78	13.408	1883	1887	1891	rVV3	3038	4495	0.57%	0.080%
79	13.475	1897	1898	1900	rBV2	685	633	0.08%	0.011%
80	13.505	1900	1903	1905	rVV4	1176	1753	0.22%	0.031%
81	13.560	1905	1912	1919	rVV	308164	497507	63.35%	8.841%
82	13.652	1922	1927	1940	rVV	38615	68573	8.73%	1.219%
83	13.762	1943	1945	1950	rVV5	2473	3845	0.49%	0.068%
84	13.853	1954	1960	1973	rVB	307272	510717	65.03%	9.075%
85	14.018	1985	1987	1990	rBV4	573	515	0.07%	0.009%
86	14.072	1992	1996	2001	rVV2	6703	9930	1.26%	0.176%
87	14.194	2014	2016	2018	rVV3	600	659	0.08%	0.012%
88	14.310	2031	2035	2036	rBV3	1598	2054	0.26%	0.036%
89	14.328	2036	2038	2048	rVB4	2599	4945	0.63%	0.088%
90	14.426	2049	2054	2060	rVB3	7672	11045	1.41%	0.196%
91	14.530	2069	2071	2078	rVB6	1114	1904	0.24%	0.034%
92	14.627	2082	2087	2090	rBV3	623	1062	0.14%	0.019%
93	14.694	2095	2098	2099	rBV	612	747	0.10%	0.013%
94	15.219	2182	2184	2185	rBV2	820	587	0.07%	0.010%
95	15.371	2204	2209	2214	rBV7	1251	2735	0.35%	0.049%
96	15.444	2214	2221	2227	rVV2	12569	20799	2.65%	0.370%
97	15.505	2227	2231	2235	rVB3	1546	2429	0.31%	0.043%
98	16.200	2343	2345	2347	rBV2	598	526	0.07%	0.009%
99	16.261	2353	2355	2356	rBV	898	718	0.09%	0.013%
100	16.401	2375	2378	2379	rBV3	660	647	0.08%	0.011%

Sum of corrected areas: 5627459

LSC Report - Integrated Chromatogram

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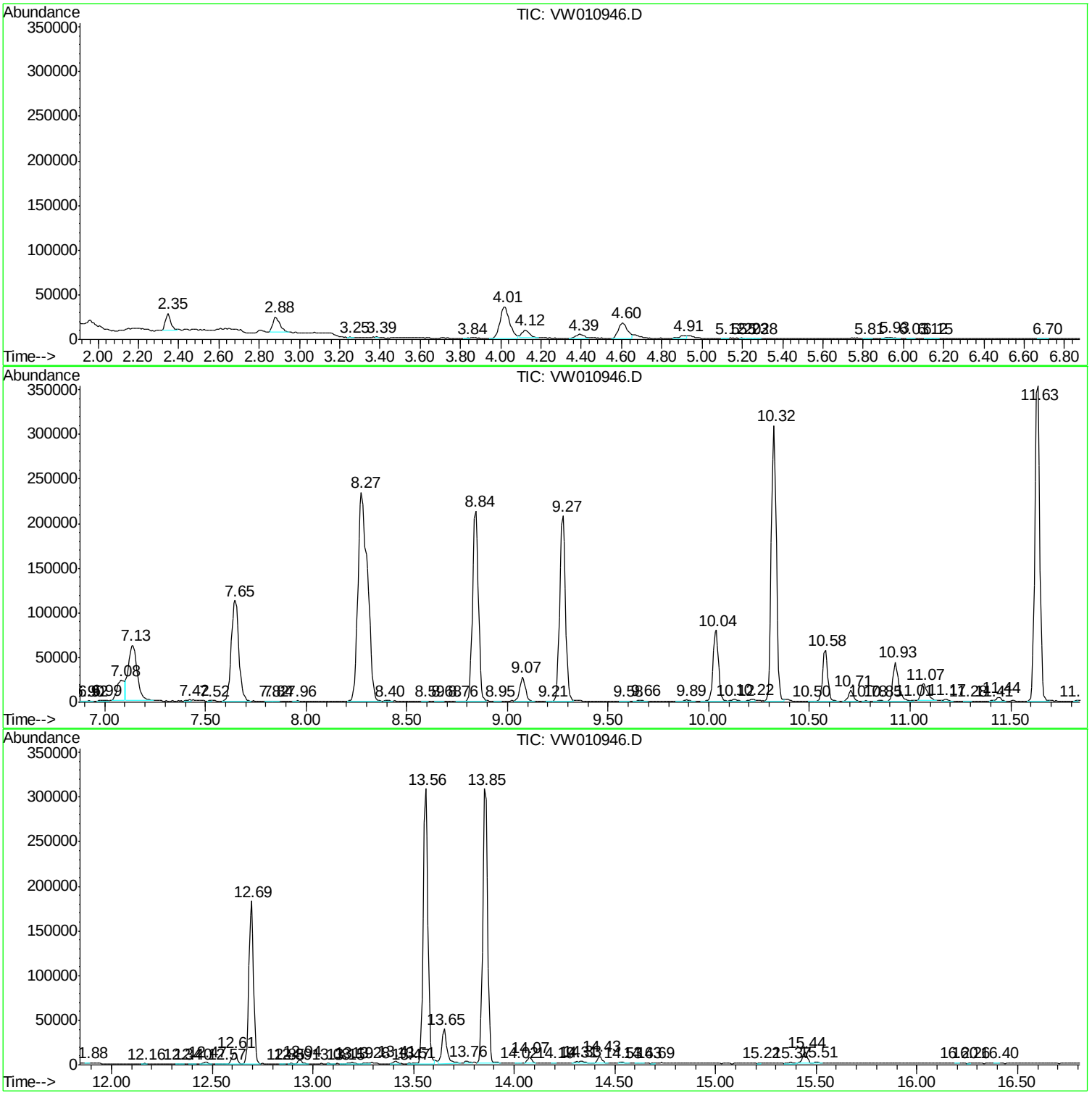
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANT8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.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\VW062419\
Data File : VW010946.D
Acq On : 24 Jun 2019 22:37
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Sample : K3456-14
Misc : 3.09G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANT8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis

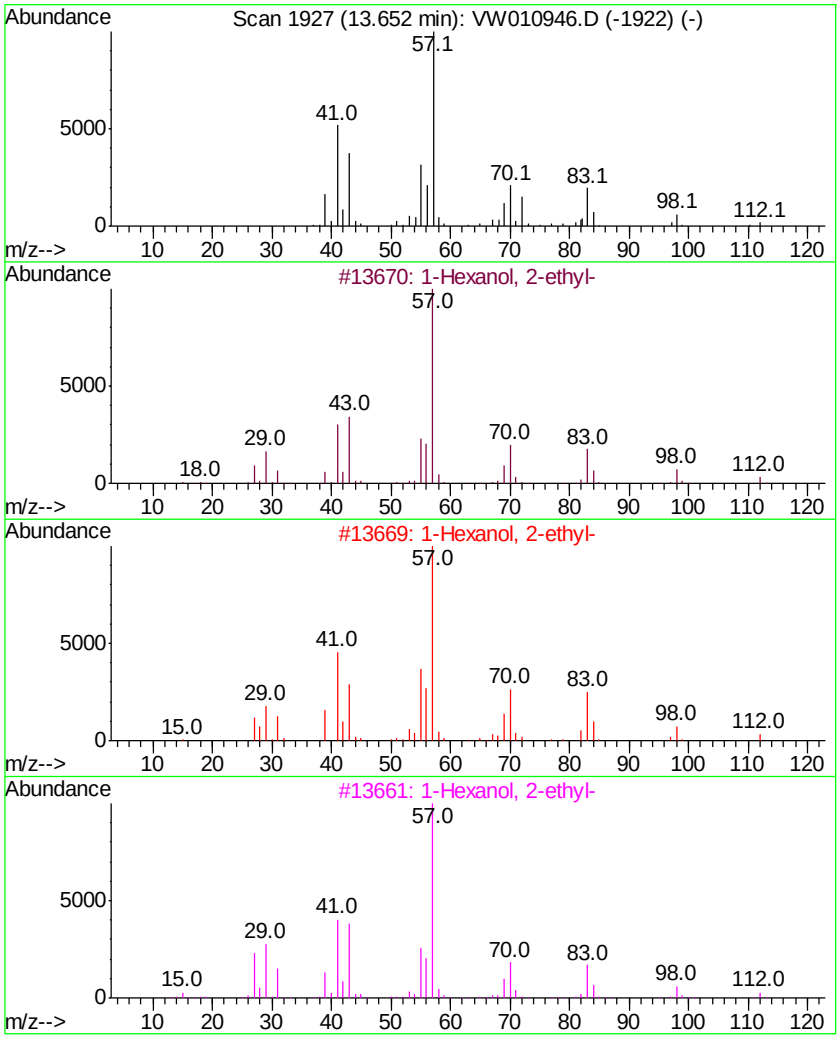
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

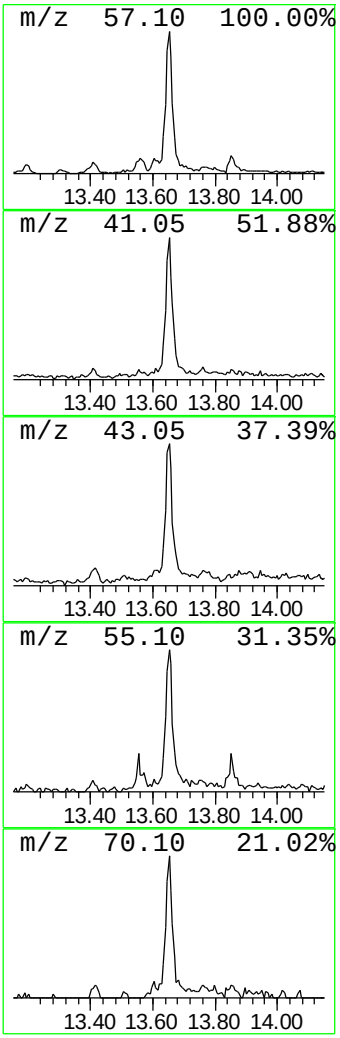
****

Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	3.45 ug/L	68573	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	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64
5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	56





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062419\
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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	3.5	ug/L	68573	3	13.56	497507	25.0