LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV020320\
Data File : VV014486.D
Acq On : 03 Feb 2020 15:58
Operator : SY/MD
Sample : L1326-01 5X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBCS3

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_V\METHOD\SOMVLM020120WMA.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	1.322	65	72	86	rVB2	222515	226456	13.82%	1.454%
2	1.586	147	154	170	rVB	124839	150175	9.17%	0.964%
3	2.132	314	324	332	rBV	248195	352896	21.54%	2.266%
4	2.187	332	341	369	rVB	485876	722320	44.09%	4.639%
5	2.798	521	531	546	rVB2	12639	23614	1.44%	0.152%
6	2.856	546	549	551	rBV2	522	326	0.02%	0.002%
7	3.126	630	633	635	rBV3	389	232	0.01%	0.001%
8	3.196	653	655	658	rBV2	434	321	0.02%	0.002%
9	3.338	696	699	702	rVB3	531	237	0.01%	0.002%
10	3.441	729	731	733	rBV3	609	297	0.02%	0.002%
11	3.489	743	746	749	rVB3	384	235	0.01%	0.002%
12	3.505	749	751	755	rBV2	543	404	0.02%	0.003%
13	3.547	760	764	766	rVB2	483	261	0.02%	0.002%
14	3.608	781	783	788	rVB	515	279	0.02%	0.002%
15	3.640	788	793	795	rBV2	634	423	0.03%	0.003%
16	3.688	803	808	811	rBV3	546	513	0.03%	0.003%
17	3.740	811	824	829	rBV6	2343	5073	0.31%	0.033%
18	3.958	868	892	921	rBV2	366786	1149587	70.17%	7.383%
19	4.399	1010	1029	1053	rBV	240575	591587	36.11%	3.799%
20	4.553	1075	1077	1080	rBV3	785	528	0.03%	0.003%
21	4.598	1088	1091	1093	rBV	383	274	0.02%	0.002%
22	4.669	1109	1113	1115	rBV4	939	644	0.04%	0.004%
23	4.701	1120	1123	1124	rBV2	617	240	0.01%	0.002%
24	4.926	1189	1193	1195	rBV2	697	396	0.02%	0.003%
25	4.971	1202	1207	1209	rBV2	693	521	0.03%	0.003%
26	5.007	1215	1218	1219	rVB2	438	226	0.01%	0.001%
27	5.026	1219	1224	1227	rBV3	357	300	0.02%	0.002%
28	5.093	1227	1245	1272	rBV2	601887	1532553	93.55%	9.842%
29	5.515	1374	1376	1379	rVV2	605	300	0.02%	0.002%
30	5.573	1391	1394	1395	rBV2	612	308	0.02%	0.002%
31	5.663	1408	1422	1446	rBV	456630	908200	55.44%	5.833%
32	5.901	1489	1496	1497	rBV3	889	820	0.05%	0.005%
33	5.958	1500	1514	1538	rVV	385796	755746	46.13%	4.854%
34	6.113	1548	1562	1591	rBV	340960	685560	41.85%	4.403%

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Instrument : MSVOA_V
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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_V\METHOD\SOMVLM020120WMA.M
Title : VOC Analysis

35	6.434	1660	1662	1665	rVB3	755	348	0.02%	0.002%
36	6.573	1700	1705	1709	rBV3	731	829	0.05%	0.005%
37	6.643	1722	1727	1728	rBV	440	319	0.02%	0.002%
38	6.653	1728	1730	1733	rVV3	957	505	0.03%	0.003%
39	6.753	1758	1761	1763	rVB3	596	372	0.02%	0.002%
40	6.823	1779	1783	1787	rBV3	571	560	0.03%	0.004%
41	6.894	1801	1805	1807	rBV	393	311	0.02%	0.002%
42	6.968	1825	1828	1833	rVB2	502	459	0.03%	0.003%
43	7.026	1833	1846	1867	rBV	212202	377348	23.03%	2.423%
44	7.222	1906	1907	1912	rBV3	405	284	0.02%	0.002%
45	7.283	1920	1926	1929	rBV5	916	1085	0.07%	0.007%
46	7.299	1929	1931	1934	rVB3	918	443	0.03%	0.003%
47	7.357	1936	1949	1968	rBV	737155	1274770	77.82%	8.187%
48	7.659	2032	2043	2061	rBV	153918	258432	15.78%	1.660%
49	7.913	2120	2122	2125	rVB2	878	442	0.03%	0.003%
50	7.933	2125	2128	2132	rBV4	493	424	0.03%	0.003%
51	8.016	2132	2154	2170	rBV	974493	1638176	100.00%	10.521%
52	8.129	2179	2189	2223	rBV	318792	705941	43.09%	4.534%
53	8.280	2229	2236	2268	rVB2	95656	183156	11.18%	1.176%
54	8.576	2326	2328	2331	rVB3	943	472	0.03%	0.003%
55	8.621	2338	2342	2343	rBV4	358	227	0.01%	0.001%
56	8.691	2361	2364	2369	rVB4	801	705	0.04%	0.005%
57	8.714	2369	2371	2372	rBV	420	220	0.01%	0.001%
58	8.749	2379	2382	2383	rVB2	468	223	0.01%	0.001%
59	8.765	2383	2387	2391	rBV3	809	689	0.04%	0.004%
60	8.810	2398	2401	2405	rBV3	621	588	0.04%	0.004%
61	8.891	2414	2426	2455	rBV	666447	1087556	66.39%	6.984%
62	9.183	2511	2517	2526	rVB6	2792	4359	0.27%	0.028%
63	9.222	2526	2529	2532	rVB2	438	303	0.02%	0.002%
64	9.241	2532	2535	2536	rBV3	569	325	0.02%	0.002%
65	9.251	2536	2538	2540	rBV3	423	238	0.01%	0.002%
66	9.286	2546	2549	2554	rVB4	929	771	0.05%	0.005%
67	9.338	2559	2565	2571	rVB4	718	807	0.05%	0.005%
68	9.588	2635	2643	2649	rVV6	1790	3126	0.19%	0.020%
69	9.711	2678	2681	2685	rBV3	802	663	0.04%	0.004%
70	9.868	2721	2730	2731	rBV7	2176	3140	0.19%	0.020%
71	9.913	2741	2744	2747	rBV2	796	504	0.03%	0.003%

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Misc : 5.0mL/MSVOA V/WATER
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ClientSampleId : DBCS3

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Title : VOC Analysis

72	9.929	2747	2749	2753	rBV2	580	402	0.02%	0.003%
73	9.961	2756	2759	2760	rBV2	511	310	0.02%	0.002%
74	10.080	2794	2796	2802	rVV4	522	592	0.04%	0.004%
75	10.106	2802	2804	2806	rVB	543	242	0.01%	0.002%
76	10.167	2818	2823	2824	rBV	561	390	0.02%	0.003%
77	10.254	2838	2850	2872	rBV	441784	694895	42.42%	4.463%
78	10.386	2885	2891	2893	rBV4	758	754	0.05%	0.005%
79	10.466	2914	2916	2918	rBV2	608	261	0.02%	0.002%
80	10.576	2948	2950	2951	rBV	591	324	0.02%	0.002%
81	10.730	2994	2998	3002	rVB6	556	514	0.03%	0.003%
82	10.756	3003	3006	3009	rBV	556	344	0.02%	0.002%
83	10.852	3033	3036	3040	rBV4	814	813	0.05%	0.005%
84	10.891	3045	3048	3049	rBV2	1174	593	0.04%	0.004%
85	10.958	3062	3069	3074	rBV5	2032	3073	0.19%	0.020%
86	11.058	3096	3100	3102	rBV2	637	438	0.03%	0.003%
87	11.103	3112	3114	3117	rBV2	501	262	0.02%	0.002%
88	11.170	3132	3135	3136	rBV	404	262	0.02%	0.002%
89	11.206	3140	3146	3151	rBV8	3305	4847	0.30%	0.031%
90	11.289	3160	3172	3193	rBV	699573	1085218	66.25%	6.969%
91	11.505	3238	3239	3243	rVB2	700	393	0.02%	0.003%
92	11.540	3248	3250	3255	rBV3	654	644	0.04%	0.004%
93	11.621	3272	3275	3276	rBV2	470	267	0.02%	0.002%
94	11.666	3276	3289	3308	rVV	699546	1112024	67.88%	7.142%
95	11.904	3357	3363	3368	rBV4	588	618	0.04%	0.004%
96	11.968	3381	3383	3384	rBV	509	262	0.02%	0.002%
97	12.058	3410	3411	3414	rVB2	682	314	0.02%	0.002%
98	12.077	3414	3417	3419	rBV2	569	331	0.02%	0.002%
99	12.196	3452	3454	3457	rBV2	581	430	0.03%	0.003%
100	12.585	3573	3575	3576	rBV	675	283	0.02%	0.002%

Sum of corrected areas: 15571072

LSC Report - Integrated Chromatogram

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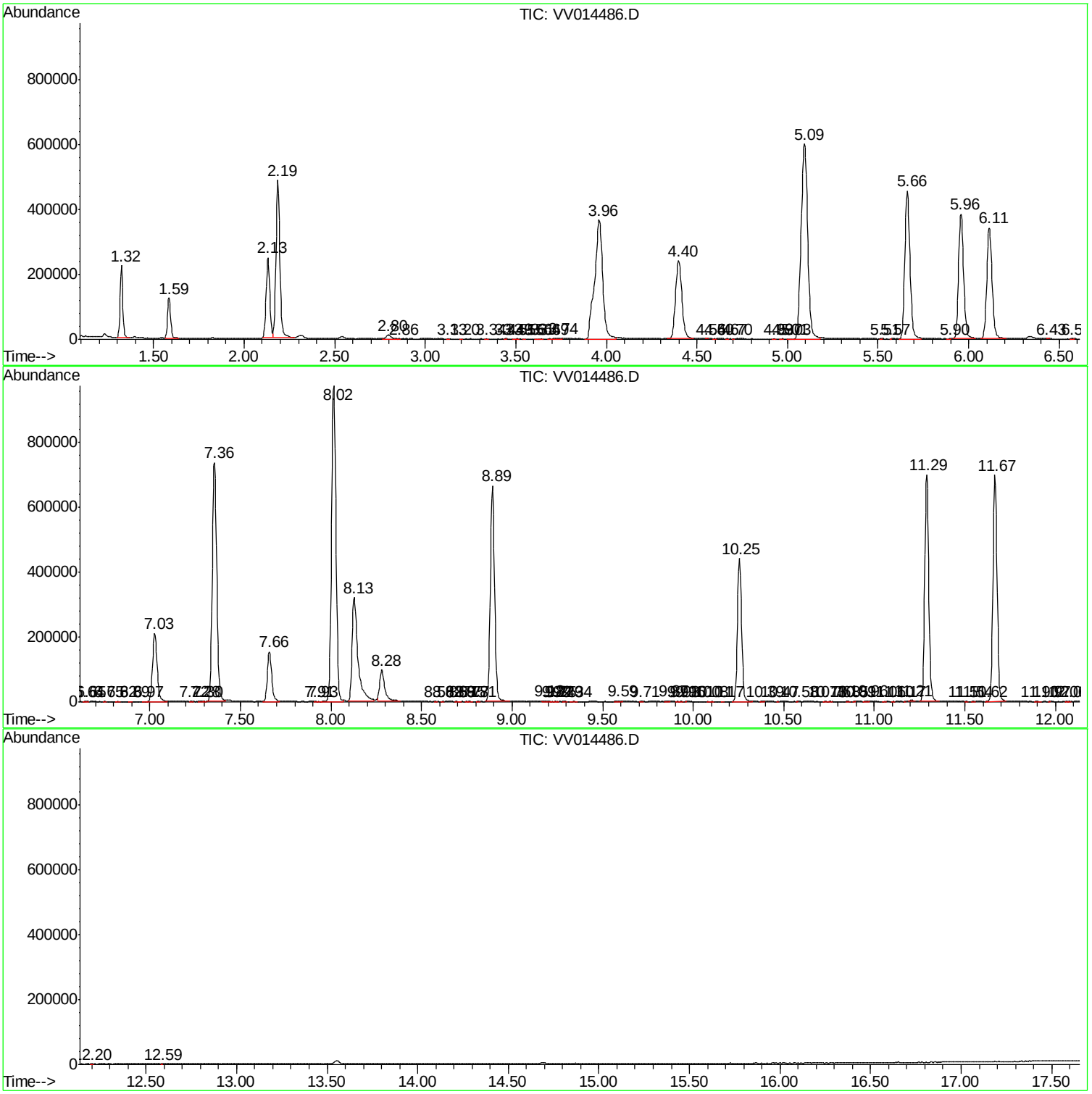
Sample : L1326-01 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBCS3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.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_V\DATA\VV020320\
Data File : VV014486.D
Acq On : 03 Feb 2020 15:58
Operator : SY/MD
Sample : L1326-01 5X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DBCS3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM020120WMA.M
Quant Title : VOC Analysis

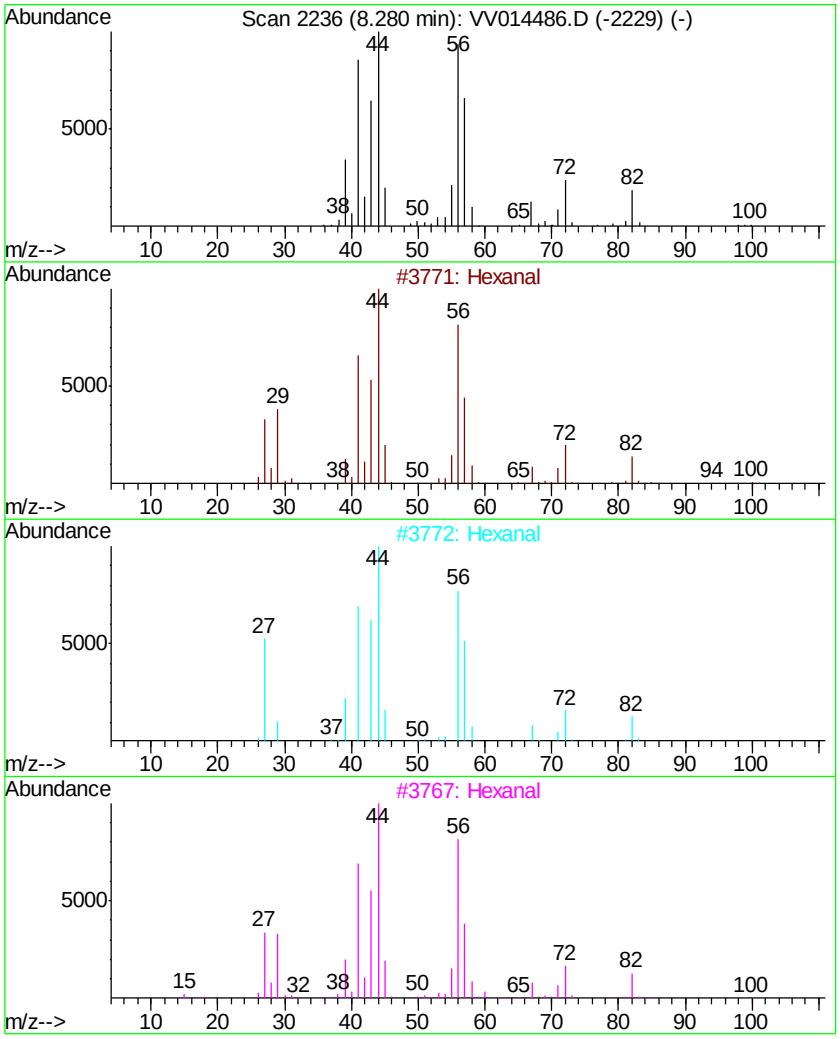
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

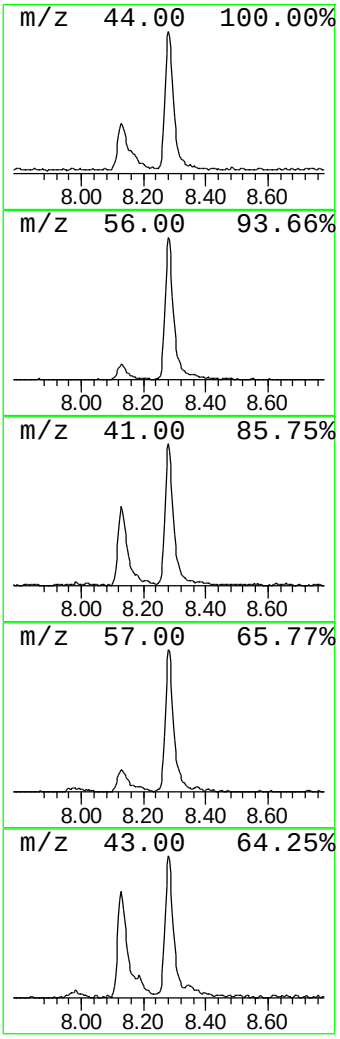
****

Peak Number 2 Hexanal Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	8.42 ug/L	183156	Chlorobenzene-d5	8.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	97
2	Hexanal	100	C6H12O	000066-25-1	90
3	Hexanal	100	C6H12O	000066-25-1	90
4	Hexanal	100	C6H12O	000066-25-1	83
5	Pentanal, 3-methyl-	100	C6H12O	015877-57-3	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV020320\
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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
Hexanal	8.28	8.4	ug/L	183156	2	8.89	1087560	50.0