LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071922\
Data File : VU049787.D
Acq On : 19 Jul 2022 16:04
Operator : SY/MD
Sample : N3738-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0ZC8

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_U\Method\SFAMULM071122WMA.M
Title : VOC Analysis

Signal : TIC: VU049787.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.485	42	45	50	rVB4	2213	1956	0.24%	0.032%
2	1.597	72	80	100	rVV	105468	121108	14.85%	2.005%
3	1.681	101	106	113	rVB2	2912	3380	0.41%	0.056%
4	1.800	130	143	150	rVB5	8066	15134	1.86%	0.251%
5	1.903	166	175	194	rVB	77210	107663	13.20%	1.783%
6	2.562	368	380	392	rBV	149838	241193	29.57%	3.994%
7	2.626	392	400	416	rVB2	9947	17237	2.11%	0.285%
8	2.768	436	444	448	rBV2	819	1272	0.16%	0.021%
9	3.041	522	529	537	rVB3	1064	1516	0.19%	0.025%
10	3.076	537	540	550	rBV	222	282	0.03%	0.005%
11	3.182	560	573	587	rBV4	1916	3821	0.47%	0.063%
12	3.362	624	629	633	rBV2	295	356	0.04%	0.006%
13	3.459	655	659	663	rVB2	195	176	0.02%	0.003%
14	3.819	768	771	776	rBV2	213	194	0.02%	0.003%
15	4.089	851	855	861	rBV2	345	340	0.04%	0.006%
16	4.221	890	896	899	rBV2	339	336	0.04%	0.006%
17	4.401	943	952	957	rBV	287	371	0.05%	0.006%
18	4.449	963	967	970	rBV	181	176	0.02%	0.003%
19	4.620	1007	1020	1045	rBV2	98941	239340	29.34%	3.963%
20	4.822	1077	1083	1090	rVB3	559	787	0.10%	0.013%
21	4.874	1093	1099	1106	rVB2	295	477	0.06%	0.008%
22	4.906	1106	1109	1116	rVB3	241	194	0.02%	0.003%
23	5.063	1140	1158	1181	rVV	152581	330565	40.53%	5.474%
24	5.144	1181	1183	1189	rVV3	340	312	0.04%	0.005%
25	5.288	1221	1228	1229	rBV3	781	891	0.11%	0.015%
26	5.353	1245	1248	1251	rBV2	280	189	0.02%	0.003%
27	5.372	1251	1254	1259	rVV4	457	428	0.05%	0.007%
28	5.485	1285	1289	1293	rBV2	225	221	0.03%	0.004%
29	5.568	1312	1315	1319	rBV2	205	187	0.02%	0.003%
30	5.722	1342	1363	1384	rVV2	298283	815682	100.00%	13.507%
31	5.803	1385	1388	1392	rVB5	1049	827	0.10%	0.014%
32	5.906	1416	1420	1423	rBV2	314	253	0.03%	0.004%
33	6.112	1481	1484	1490	rVB2	218	227	0.03%	0.004%
34	6.247	1511	1526	1549	rBV	231829	437650	53.65%	7.247%
35	6.530	1606	1614	1624	rBV5	1689	2637	0.32%	0.044%
36	6.623	1640	1643	1649	rVB2	197	207	0.03%	0.003%

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Smoothing : OFF Filtering: 5
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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
Title : VOC Analysis

37	6.690	1649	1664	1685	rBV	197932	382349	46.87%	6.331%
38	6.812	1699	1702	1704	rBV2	295	193	0.02%	0.003%
39	6.880	1716	1723	1727	rBV3	1126	1255	0.15%	0.021%
40	7.076	1781	1784	1790	rVB2	193	186	0.02%	0.003%
41	7.189	1811	1819	1827	rBV4	1078	1553	0.19%	0.026%
42	7.285	1845	1849	1854	rVB2	300	237	0.03%	0.004%
43	7.565	1923	1936	1952	rBV	98552	171987	21.09%	2.848%
44	7.687	1970	1974	1976	rBV	466	367	0.04%	0.006%
45	7.800	2003	2009	2014	rVB3	396	527	0.06%	0.009%
46	7.899	2025	2040	2058	rBV	338521	578293	70.90%	9.576%
47	7.986	2065	2067	2072	rVB3	836	521	0.06%	0.009%
48	8.179	2116	2127	2143	rBV	68300	112033	13.73%	1.855%
49	8.378	2187	2189	2194	rVB3	320	180	0.02%	0.003%
50	8.555	2239	2244	2248	rVB2	276	259	0.03%	0.004%
51	8.632	2256	2268	2302	rBV2	254587	505905	62.02%	8.377%
52	8.787	2309	2316	2331	rVB4	9422	16179	1.98%	0.268%
53	8.944	2363	2365	2370	rVV	273	177	0.02%	0.003%
54	9.230	2448	2454	2458	rBV2	163	241	0.03%	0.004%
55	9.417	2497	2512	2535	rBV	317621	527628	64.69%	8.737%
56	9.613	2568	2573	2579	rVB2	146	176	0.02%	0.003%
57	9.709	2600	2603	2608	rBV	276	238	0.03%	0.004%
58	9.777	2620	2624	2630	rBV2	685	724	0.09%	0.012%
59	9.989	2686	2690	2695	rBV2	230	253	0.03%	0.004%
60	10.108	2723	2727	2731	rBV2	278	222	0.03%	0.004%
61	10.243	2763	2769	2777	rVB4	607	941	0.12%	0.016%
62	10.346	2798	2801	2804	rVB2	692	397	0.05%	0.007%
63	10.410	2819	2821	2828	rVB2	257	233	0.03%	0.004%
64	10.491	2844	2846	2851	rVV	415	287	0.04%	0.005%
65	10.568	2862	2870	2879	rVB5	1676	2491	0.31%	0.041%
66	10.690	2901	2908	2910	rBV2	228	273	0.03%	0.005%
67	10.758	2915	2929	2949	rVV	260116	422178	51.76%	6.991%
68	10.896	2968	2972	2973	rBV2	394	226	0.03%	0.004%
69	11.240	3076	3079	3084	rVB	314	268	0.03%	0.004%
70	11.269	3084	3088	3092	rBV	271	233	0.03%	0.004%
71	11.314	3099	3102	3108	rVB	430	334	0.04%	0.006%
72	11.346	3108	3112	3116	rBV2	318	298	0.04%	0.005%
73	11.478	3144	3153	3169	rVB3	4331	8180	1.00%	0.135%
74	11.648	3200	3206	3209	rBV2	223	235	0.03%	0.004%
75	11.693	3216	3220	3224	rBV4	729	464	0.06%	0.008%
76	11.812	3245	3257	3280	rBV	286559	446899	54.79%	7.400%

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C0ZC8

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Title : VOC Analysis

77	11.954	3297	3301	3308	rBV2	208	237	0.03%	0.004%
78	12.066	3326	3336	3354	rBV2	11955	22825	2.80%	0.378%
79	12.192	3364	3375	3391	rBV	292736	474242	58.14%	7.853%
80	12.407	3438	3442	3445	rBV2	254	215	0.03%	0.004%
81	12.687	3522	3529	3538	rVB2	244	404	0.05%	0.007%
82	12.770	3552	3555	3563	rBV2	449	376	0.05%	0.006%
83	12.893	3588	3593	3602	rVB3	1497	1853	0.23%	0.031%
84	13.005	3623	3628	3630	rBV	310	279	0.03%	0.005%
85	13.060	3641	3645	3648	rVB2	278	216	0.03%	0.004%
86	13.114	3659	3662	3665	rVV	310	209	0.03%	0.003%
87	13.237	3697	3700	3702	rBV	279	204	0.03%	0.003%
88	13.250	3702	3704	3708	rVB	355	201	0.02%	0.003%
89	13.442	3761	3764	3769	rBV	281	245	0.03%	0.004%
90	13.529	3785	3791	3793	rBV	421	491	0.06%	0.008%
91	13.909	3904	3909	3911	rVB2	364	290	0.04%	0.005%
92	13.983	3926	3932	3934	rBV2	319	337	0.04%	0.006%
93	14.066	3952	3958	3961	rBV2	398	457	0.06%	0.008%
94	14.185	3990	3995	4000	rBV2	498	650	0.08%	0.011%
95	14.317	4032	4036	4039	rVB3	332	291	0.04%	0.005%
96	14.388	4053	4058	4059	rBV2	310	257	0.03%	0.004%
97	14.767	4173	4176	4179	rBV3	292	218	0.03%	0.004%
98	15.240	4321	4323	4326	rVV2	332	173	0.02%	0.003%
99	15.426	4376	4381	4384	rBV3	609	673	0.08%	0.011%
100	16.095	4586	4589	4592	rBV3	611	452	0.06%	0.007%

Sum of corrected areas: 6039000

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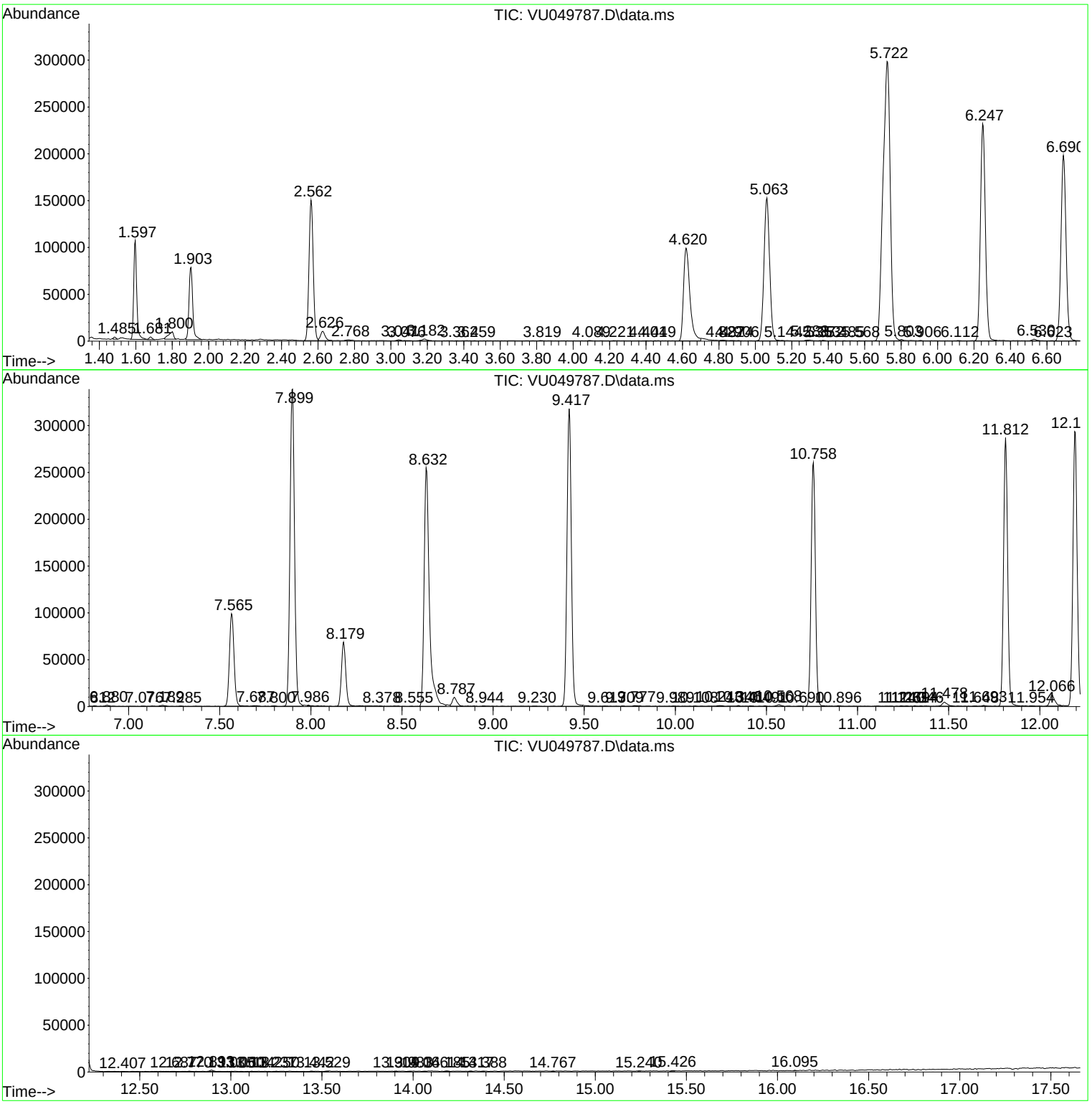
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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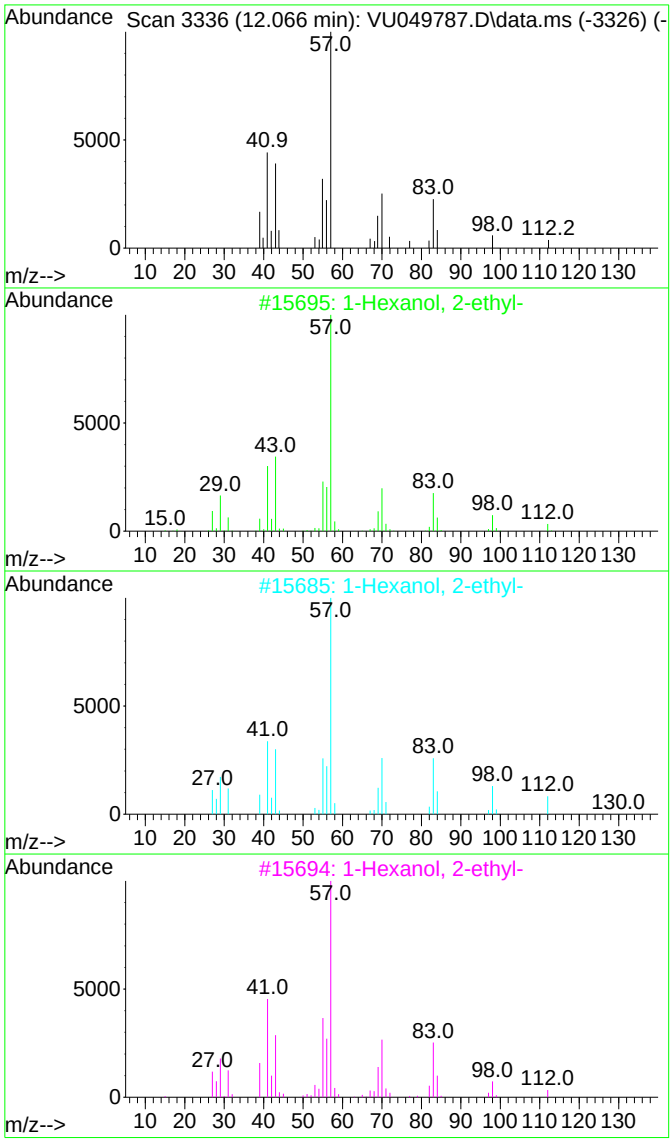
Quant Title : VOC Analysis

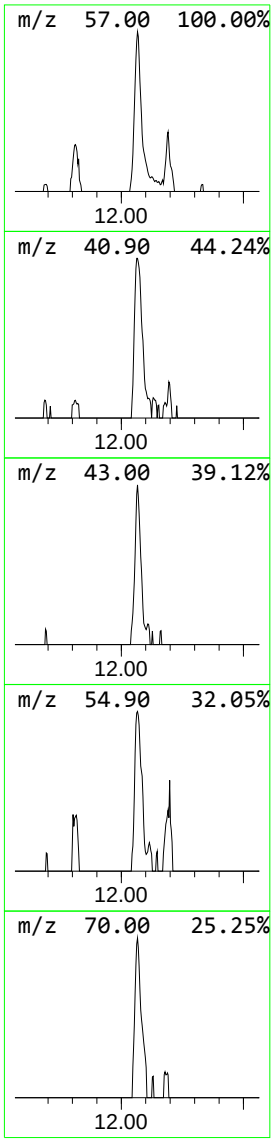
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Hexanol, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.066	2.55 ug/L	22825	1,4-Dichlorobenzene-d4	11.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
5	1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	64





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Hexanol, 2-et...	12.066	2.5	ug/L	22825	3	11.812	446899	50.0