LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120718\
Data File : VU028536.D
Acq On : 07 Dec 2018 16:56
Operator : MD/SY
Sample : J6238-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE7Z5

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\SOMULM120718WMA.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	1.279	29	33	41	rVB	17160	15713	0.42%	0.176%
2	1.395	63	69	81	rVB	78598	87957	2.35%	0.987%
3	2.238	321	331	346	rVB	123967	190061	5.08%	2.132%
4	2.906	535	539	545	rBV2	354	387	0.01%	0.004%
5	2.961	549	556	560	rBV3	316	481	0.01%	0.005%
6	3.035	574	579	581	rBV2	375	336	0.01%	0.004%
7	3.199	627	630	636	rBV2	217	250	0.01%	0.003%
8	3.257	642	648	649	rBV2	351	316	0.01%	0.004%
9	3.453	703	709	710	rBV2	235	208	0.01%	0.002%
10	3.617	755	760	762	rBV	159	166	0.00%	0.002%
11	3.729	792	795	798	rBV	189	146	0.00%	0.002%
12	3.765	801	806	810	rBV2	238	256	0.01%	0.003%
13	3.816	818	822	826	rBV3	292	286	0.01%	0.003%
14	3.893	842	846	850	rBV3	218	164	0.00%	0.002%
15	3.922	850	855	857	rBV2	264	180	0.00%	0.002%
16	4.080	899	904	910	rVB3	317	420	0.01%	0.005%
17	4.112	910	914	916	rBV	280	229	0.01%	0.003%
18	4.192	924	939	978	rBV	43355	154308	4.13%	1.731%
19	4.643	1056	1079	1112	rBV	90050	223622	5.98%	2.508%
20	4.855	1139	1145	1147	rBV2	306	206	0.01%	0.002%
21	4.871	1147	1150	1152	rVV2	186	142	0.00%	0.002%
22	4.913	1160	1163	1169	rVB2	400	353	0.01%	0.004%
23	4.958	1174	1177	1180	rBV	264	182	0.00%	0.002%
24	5.090	1215	1218	1221	rBV	176	144	0.00%	0.002%
25	5.131	1227	1231	1237	rVB	248	182	0.00%	0.002%
26	5.167	1237	1242	1244	rBV2	203	180	0.00%	0.002%
27	5.202	1249	1253	1256	rVV	302	217	0.01%	0.002%
28	5.331	1268	1293	1319	rBV2	212507	607574	16.25%	6.815%
29	5.620	1374	1383	1389	rBV5	1261	2370	0.06%	0.027%
30	5.717	1407	1413	1415	rBV2	183	180	0.00%	0.002%
31	5.784	1430	1434	1437	rBV	316	227	0.01%	0.003%
32	5.881	1451	1464	1490	rBV2	171695	350044	9.36%	3.926%
33	6.176	1550	1556	1557	rBV2	248	174	0.00%	0.002%
34	6.247	1569	1578	1580	rBV2	1311	1666	0.04%	0.019%

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Instrument : MSVOA_U
ClientSampleId : BE7Z5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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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\SOMULM120718WMA.M
Title : VOC Analysis

35	6.327	1589	1603	1622	rBV	132977	277499	7.42%	3.113%
36	6.614	1689	1692	1695	rBV	186	132	0.00%	0.001%
37	6.736	1726	1730	1733	rVB2	224	172	0.00%	0.002%
38	6.755	1734	1736	1741	rVB2	304	154	0.00%	0.002%
39	6.784	1741	1745	1751	rVB	280	307	0.01%	0.003%
40	6.819	1754	1756	1760	rBV2	163	144	0.00%	0.002%
41	6.996	1807	1811	1814	rBV2	212	219	0.01%	0.002%
42	7.125	1848	1851	1853	rBV2	195	138	0.00%	0.002%
43	7.186	1866	1870	1871	rBV	154	131	0.00%	0.001%
44	7.225	1871	1882	1909	rVB	76625	147381	3.94%	1.653%
45	7.482	1959	1962	1965	rVB3	493	304	0.01%	0.003%
46	7.498	1965	1967	1971	rVB	237	165	0.00%	0.002%
47	7.562	1971	1987	2006	rBV	262229	475952	12.73%	5.339%
48	7.797	2057	2060	2063	rBV	280	194	0.01%	0.002%
49	7.848	2066	2076	2094	rVV	51991	99608	2.66%	1.117%
50	7.954	2104	2109	2112	rVB2	264	214	0.01%	0.002%
51	7.987	2116	2119	2123	rVB2	174	134	0.00%	0.002%
52	8.012	2123	2127	2130	rBV2	251	224	0.01%	0.003%
53	8.028	2130	2132	2136	rVB	209	145	0.00%	0.002%
54	8.151	2167	2170	2172	rBV	330	210	0.01%	0.002%
55	8.324	2211	2224	2257	rVV	197452	388426	10.39%	4.357%
56	8.546	2290	2293	2296	rBV2	270	219	0.01%	0.002%
57	8.633	2314	2320	2326	rVV2	667	790	0.02%	0.009%
58	8.835	2381	2383	2386	rBV	169	135	0.00%	0.002%
59	8.893	2398	2401	2403	rBV2	290	225	0.01%	0.003%
60	9.035	2440	2445	2447	rBV2	302	212	0.01%	0.002%
61	9.118	2449	2471	2511	rBV2	1884981	3739024	100.00%	41.939%
62	9.314	2530	2532	2536	rVB2	217	138	0.00%	0.002%
63	9.376	2544	2551	2558	rBV4	1528	2371	0.06%	0.027%
64	9.433	2567	2569	2570	rBV4	424	181	0.00%	0.002%
65	9.520	2593	2596	2600	rBV	182	137	0.00%	0.002%
66	9.662	2633	2640	2643	rBV2	160	230	0.01%	0.003%
67	9.707	2651	2654	2656	rBV2	327	197	0.01%	0.002%
68	9.784	2670	2678	2684	rBV4	745	1276	0.03%	0.014%
69	9.948	2724	2729	2734	rVB3	848	776	0.02%	0.009%
70	9.986	2739	2741	2742	rBV3	375	190	0.01%	0.002%
71	9.999	2742	2745	2749	rVV2	792	705	0.02%	0.008%

LSC Area Percent Report

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ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE7Z5

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\SOMULM120718WMA.M
Title : VOC Analysis

72	10.041	2752	2758	2765	rVB4	822	1052	0.03%	0.012%
73	10.086	2766	2772	2781	rVB4	820	1061	0.03%	0.012%
74	10.150	2781	2792	2805	rVB	43005	70740	1.89%	0.793%
75	10.208	2806	2810	2811	rBV	208	139	0.00%	0.002%
76	10.250	2818	2823	2827	rBV4	1095	982	0.03%	0.011%
77	10.318	2837	2844	2850	rBV6	1082	1604	0.04%	0.018%
78	10.388	2861	2866	2869	rVB3	668	584	0.02%	0.007%
79	10.433	2869	2880	2894	rBV	205826	326576	8.73%	3.663%
80	10.581	2923	2926	2928	rBV2	283	236	0.01%	0.003%
81	10.694	2953	2961	2974	rVB2	41196	65333	1.75%	0.733%
82	10.816	2992	2999	3011	rVB5	10044	16579	0.44%	0.186%
83	10.912	3022	3029	3035	rBV3	1157	1578	0.04%	0.018%
84	11.112	3086	3091	3097	rBV3	2165	2258	0.06%	0.025%
85	11.263	3134	3138	3143	rBV3	811	782	0.02%	0.009%
86	11.324	3149	3157	3166	rBV7	3778	5912	0.16%	0.066%
87	11.417	3176	3186	3196	rBV	74033	118175	3.16%	1.326%
88	11.485	3196	3207	3211	rBV2	367874	601066	16.08%	6.742%
89	11.665	3259	3263	3268	rVB4	1184	1076	0.03%	0.012%
90	11.765	3290	3294	3295	rBV	471	364	0.01%	0.004%
91	11.810	3304	3308	3311	rVB	978	654	0.02%	0.007%
92	11.867	3312	3326	3343	rBV2	365009	868210	23.22%	9.738%
93	12.292	3454	3458	3459	rBV3	517	385	0.01%	0.004%
94	12.359	3472	3479	3488	rBV7	1615	2846	0.08%	0.032%
95	12.430	3499	3501	3505	rBV2	456	325	0.01%	0.004%
96	12.610	3548	3557	3562	rBV6	2203	3666	0.10%	0.041%
97	12.700	3578	3585	3589	rBV7	3086	4158	0.11%	0.047%
98	12.890	3636	3644	3653	rVB7	5430	8078	0.22%	0.091%
99	13.121	3710	3716	3730	rBV8	4667	8583	0.23%	0.096%
100	13.504	3827	3835	3850	rBV3	14920	24427	0.65%	0.274%

Sum of corrected areas: 8915415

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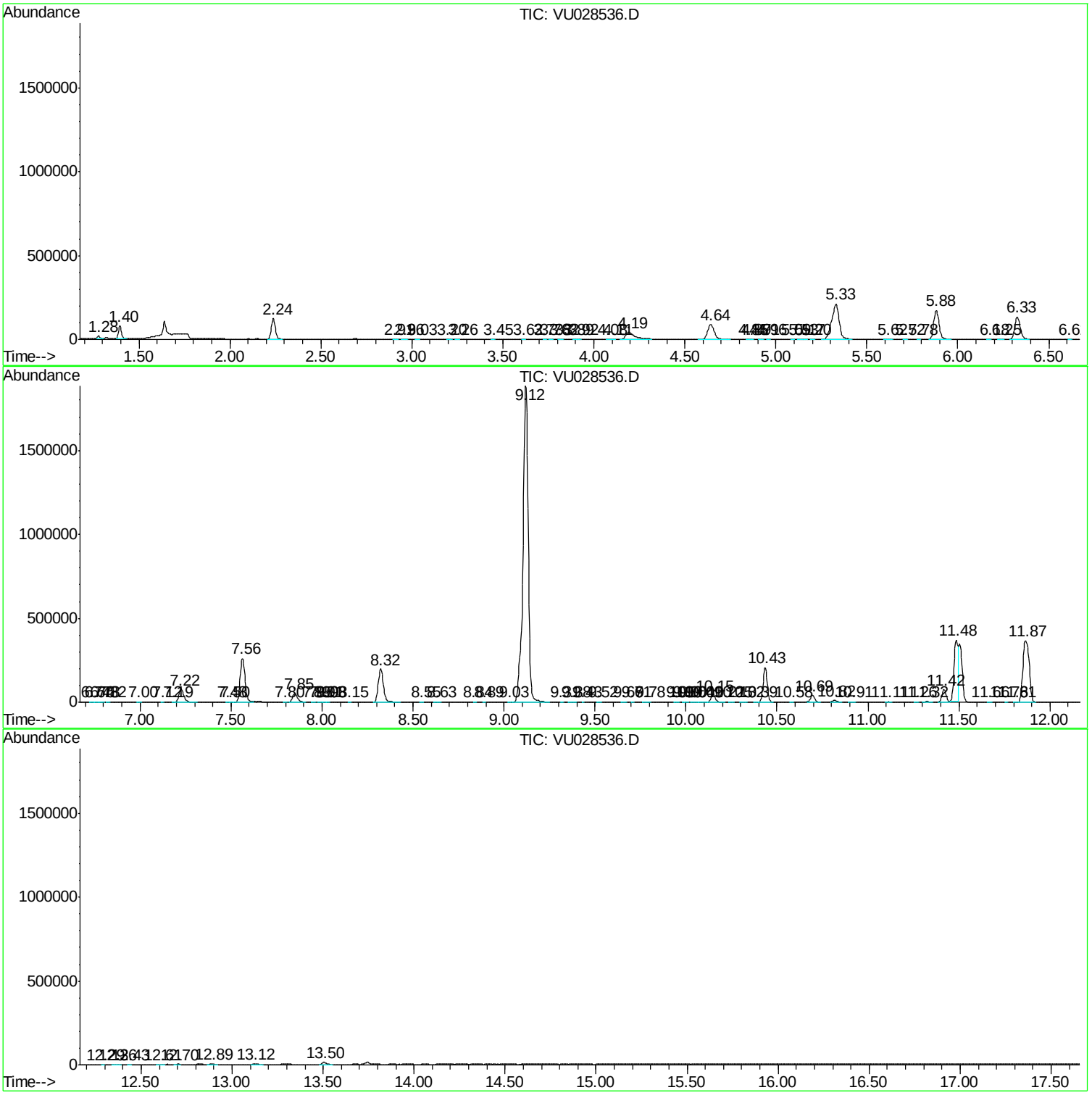
Instrument :
MSVOA_U
ClientSampleId :
BE7Z5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.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_U\DATA\VU120718\
Data File : VU028536.D
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Operator : MD/SY
Sample : J6238-04
Misc : 5.98g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE7Z5

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
Quant Title : VOC Analysis

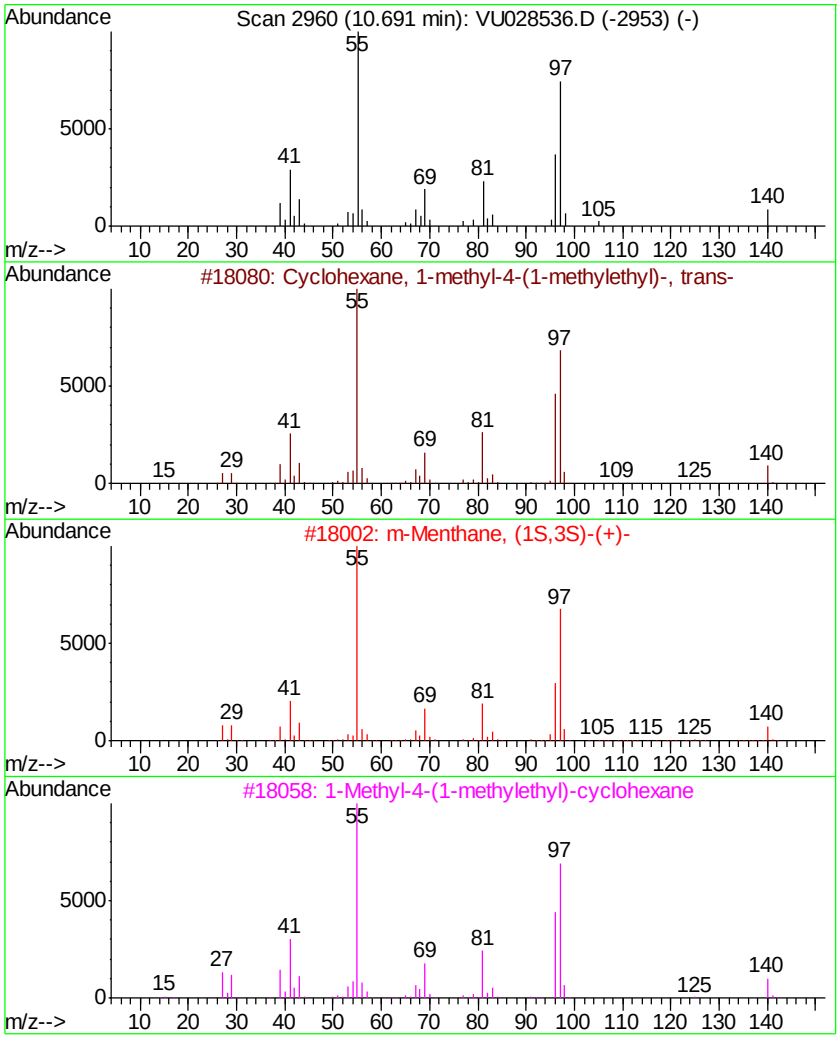
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

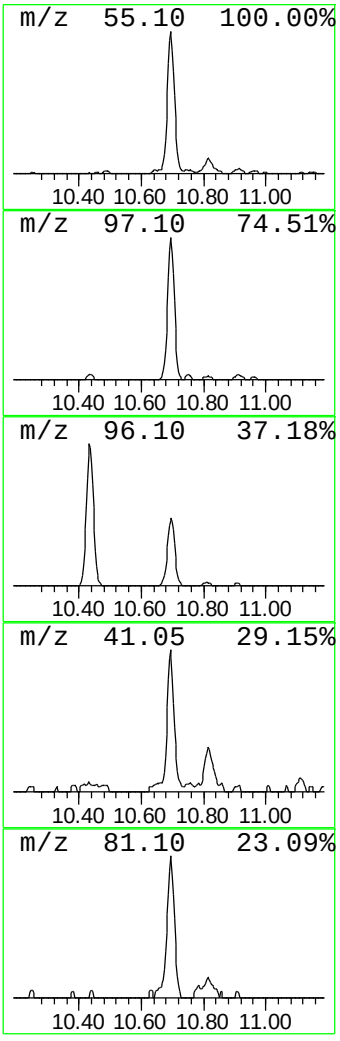
****

Peak Number 2 Cyclohexane, 1-methyl-4-(1-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.69	5.43 ug/L	65333	1,4-Dichlorobenzene-d4	11.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	95
2	m-Menthane, (1S,3S)-(+)-	140	C10H20	013837-67-7	94
3	1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	93
4	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	91
5	Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	001678-82-6	91





Tentatively Identified Compound (LSC) summary

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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
Cyclohexane, 1-me...	10.69	5.4	ug/L	65333	3	11.48	601066	50.0