LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092118\
Data File : VU026940.D
Acq On : 20 Sep 2018 15:48
Operator : MD/SY
Sample : J4893-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08L5

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\SOMULM091718WMA.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	1.293	32	37	44	rBV	5118	5227	0.00%	0.001%
2	1.395	62	69	83	rBV	119855	124798	0.05%	0.017%
3	1.678	149	157	174	rVB	92514	121781	0.05%	0.017%
4	2.270	331	341	355	rBV	194864	297061	0.12%	0.041%
5	2.444	385	395	417	rVB3	13438	25826	0.01%	0.004%
6	2.559	429	431	436	rBV3	247	266	0.00%	0.000%
7	2.707	468	477	482	rBV4	2233	3507	0.00%	0.000%
8	2.791	495	503	517	rVB2	11739	21503	0.01%	0.003%
9	2.891	531	534	536	rBV2	331	211	0.00%	0.000%
10	3.000	558	568	579	rVV3	5017	10169	0.00%	0.001%
11	3.305	655	663	674	rVB4	2051	3699	0.00%	0.001%
12	3.392	687	690	694	rVB3	218	172	0.00%	0.000%
13	3.810	819	820	829	rVB2	312	172	0.00%	0.000%
14	3.981	871	873	877	rVB	280	212	0.00%	0.000%
15	4.003	877	880	883	rBV2	230	201	0.00%	0.000%
16	4.096	891	909	923	rBV2	52477	140984	0.06%	0.019%
17	4.180	923	935	967	rVB	68076	177502	0.07%	0.024%
18	4.453	1018	1020	1032	rVB2	333	468	0.00%	0.000%
19	4.572	1052	1057	1059	rBV	187	220	0.00%	0.000%
20	4.649	1064	1081	1109	rBV	136028	344426	0.14%	0.047%
21	4.897	1150	1158	1162	rVB4	672	1047	0.00%	0.000%
22	5.000	1174	1190	1208	rVB3	31689	74698	0.03%	0.010%
23	5.077	1209	1214	1215	rBV3	547	348	0.00%	0.000%
24	5.138	1215	1233	1253	rVB	132635	309136	0.13%	0.042%
25	5.222	1255	1259	1260	rBV3	893	691	0.00%	0.000%
26	5.418	1274	1320	1341	rBV2	43208939	117475904	48.84%	16.102%
27	5.890	1454	1467	1488	rVB	334294	651546	0.27%	0.089%
28	6.189	1547	1560	1575	rBV3	11872	22614	0.01%	0.003%
29	6.334	1590	1605	1618	rBV	180964	359438	0.15%	0.049%
30	6.546	1667	1671	1673	rBV2	349	284	0.00%	0.000%
31	6.588	1680	1684	1689	rVB3	238	190	0.00%	0.000%
32	6.646	1694	1702	1710	rVB3	3526	6178	0.00%	0.001%
33	6.685	1710	1714	1716	rBV	302	231	0.00%	0.000%
34	6.717	1720	1724	1728	rVB2	194	194	0.00%	0.000%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Title : VOC Analysis

35	6.849	1759	1765	1766	rBV	300	233	0.00%	0.000%
36	6.871	1769	1772	1776	rVB	303	222	0.00%	0.000%
37	7.077	1826	1836	1849	rVB5	4917	8441	0.00%	0.001%
38	7.151	1856	1859	1861	rBV2	265	182	0.00%	0.000%
39	7.164	1862	1863	1868	rVB2	507	206	0.00%	0.000%
40	7.231	1872	1884	1906	rBV	97957	178107	0.07%	0.024%
41	7.395	1926	1935	1945	rVB3	2159	2925	0.00%	0.000%
42	7.485	1957	1963	1967	rBV3	265	252	0.00%	0.000%
43	7.569	1975	1989	2004	rBV	382905	662941	0.28%	0.091%
44	7.643	2005	2012	2027	rVB	15867	28540	0.01%	0.004%
45	7.852	2065	2077	2100	rBV	71841	123104	0.05%	0.017%
46	7.942	2103	2105	2107	rBV4	304	206	0.00%	0.000%
47	7.996	2119	2122	2129	rVB2	380	284	0.00%	0.000%
48	8.035	2129	2134	2139	rBV2	227	280	0.00%	0.000%
49	8.183	2167	2180	2185	rBV3	3055	5767	0.00%	0.001%
50	8.231	2185	2195	2210	rVV	48896	86078	0.04%	0.012%
51	8.315	2210	2221	2249	rVV	222069	392254	0.16%	0.054%
52	8.553	2293	2295	2300	rVB4	442	371	0.00%	0.000%
53	8.585	2300	2305	2306	rBV	413	328	0.00%	0.000%
54	8.614	2312	2314	2320	rBV	343	259	0.00%	0.000%
55	8.659	2326	2328	2332	rVB3	407	246	0.00%	0.000%
56	8.681	2332	2335	2339	rBV2	295	193	0.00%	0.000%
57	8.704	2339	2342	2346	rVB2	391	340	0.00%	0.000%
58	8.726	2346	2349	2352	rBV	223	174	0.00%	0.000%
59	8.877	2393	2396	2399	rVB2	402	263	0.00%	0.000%
60	8.906	2399	2405	2407	rBV2	377	344	0.00%	0.000%
61	8.919	2407	2409	2413	rVB2	340	226	0.00%	0.000%
62	9.170	2449	2487	2523	rBV4	73470304	240552215	100.00%	32.971%
63	10.064	2762	2765	2767	rBV3	316	251	0.00%	0.000%
64	10.283	2829	2833	2836	rBV3	471	384	0.00%	0.000%
65	10.308	2838	2841	2843	rBV	461	312	0.00%	0.000%
66	10.344	2848	2852	2853	rBV2	288	191	0.00%	0.000%
67	10.389	2862	2866	2868	rBV3	424	292	0.00%	0.000%
68	10.434	2868	2880	2910	rVV2	265716	532433	0.22%	0.073%
69	10.543	2910	2914	2919	rVB2	632	556	0.00%	0.000%
70	10.610	2927	2935	2942	rVV3	4382	7117	0.00%	0.001%
71	10.662	2942	2951	2964	rVV	57169	92289	0.04%	0.013%

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Title : VOC Analysis

72	10.729	2968	2972	2977	rVV3	1496	1797	0.00%	0.000%
73	10.774	2977	2986	3005	rVB	36349	62120	0.03%	0.009%
74	10.935	3033	3036	3040	rBV	310	250	0.00%	0.000%
75	10.993	3049	3054	3058	rVB2	426	462	0.00%	0.000%
76	11.032	3058	3066	3067	rBV3	387	443	0.00%	0.000%
77	11.099	3084	3087	3089	rBV	534	381	0.00%	0.000%
78	11.254	3132	3135	3139	rBV2	495	371	0.00%	0.000%
79	11.282	3141	3144	3147	rBV2	323	218	0.00%	0.000%
80	11.424	3170	3188	3201	rBV	8985728	15575867	6.48%	2.135%
81	11.546	3201	3226	3269	rVB3	73482643	178543932	74.22%	24.472%
82	11.755	3282	3291	3303	rVB5	17122	29749	0.01%	0.004%
83	11.913	3315	3340	3368	rBV3	62929056	137021514	56.96%	18.781%
84	12.572	3537	3545	3554	rVB4	8440	12162	0.01%	0.002%
85	12.636	3555	3565	3582	rVB	53809	82833	0.03%	0.011%
86	12.819	3610	3622	3629	rBV4	37693	81834	0.03%	0.011%
87	12.990	3665	3675	3686	rVB2	25512	41086	0.02%	0.006%
88	13.234	3744	3751	3764	rVB3	7520	12534	0.01%	0.002%
89	13.511	3821	3837	3870	rBV	19753619	30615082	12.73%	4.196%
90	13.745	3902	3910	3923	rVB	17351	26513	0.01%	0.004%
91	13.987	3972	3985	4008	rBV	1530557	2406916	1.00%	0.330%
92	14.279	4072	4076	4077	rBV3	1263	854	0.00%	0.000%
93	14.388	4104	4110	4124	rVB5	5364	8471	0.00%	0.001%
94	14.697	4204	4206	4207	rBV	602	270	0.00%	0.000%
95	14.755	4218	4224	4232	rVB5	1970	2832	0.00%	0.000%
96	14.864	4252	4258	4267	rVB6	4116	5310	0.00%	0.001%
97	15.073	4306	4323	4345	rBV	507843	841556	0.35%	0.115%
98	15.253	4374	4379	4387	rBV6	1469	1851	0.00%	0.000%
99	15.649	4490	4502	4530	rBV	820405	1317839	0.55%	0.181%
100	16.903	4884	4892	4905	rBV2	21337	34872	0.01%	0.005%

Sum of corrected areas: 729589629

LSC Report - Integrated Chromatogram

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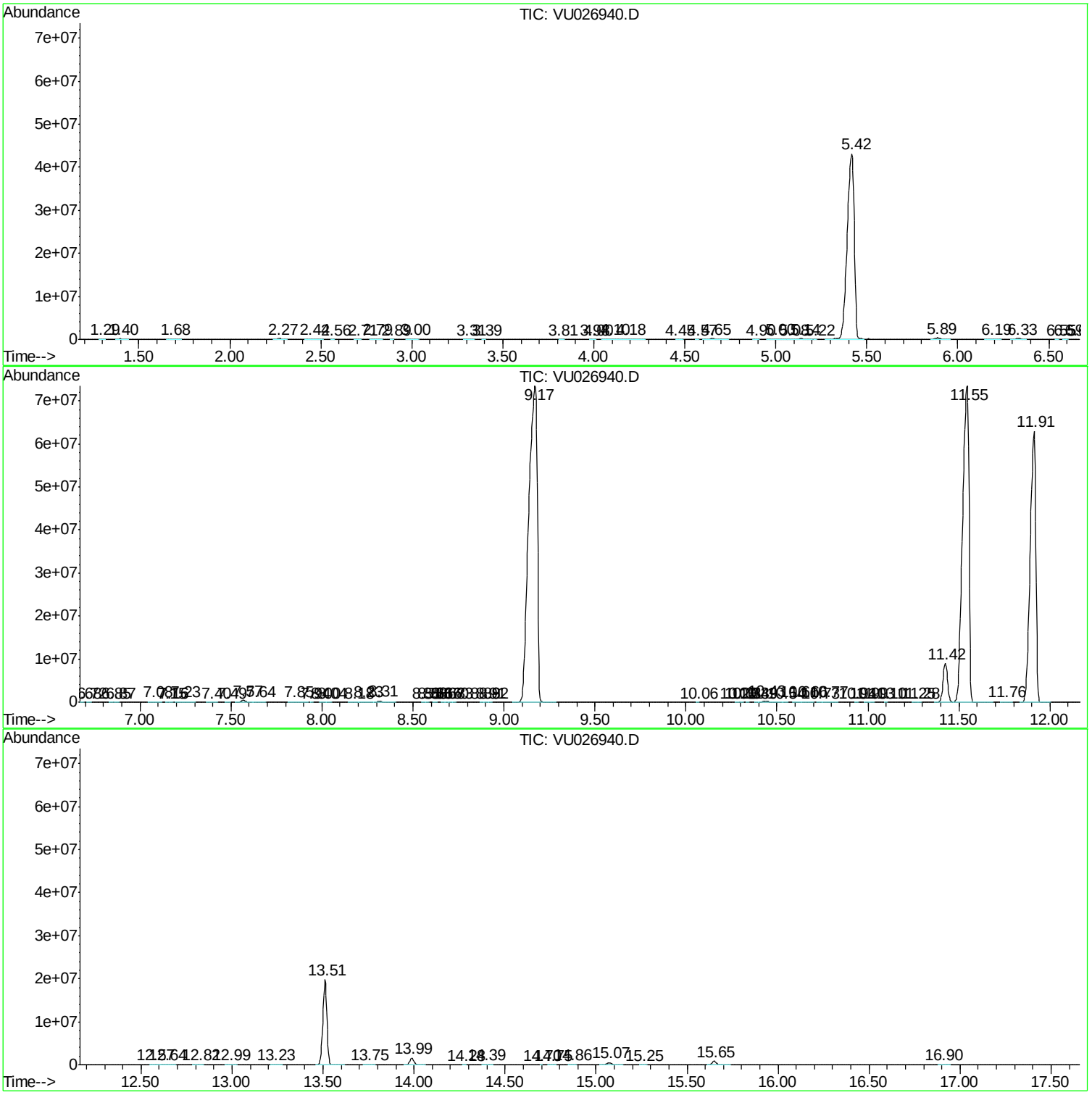
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

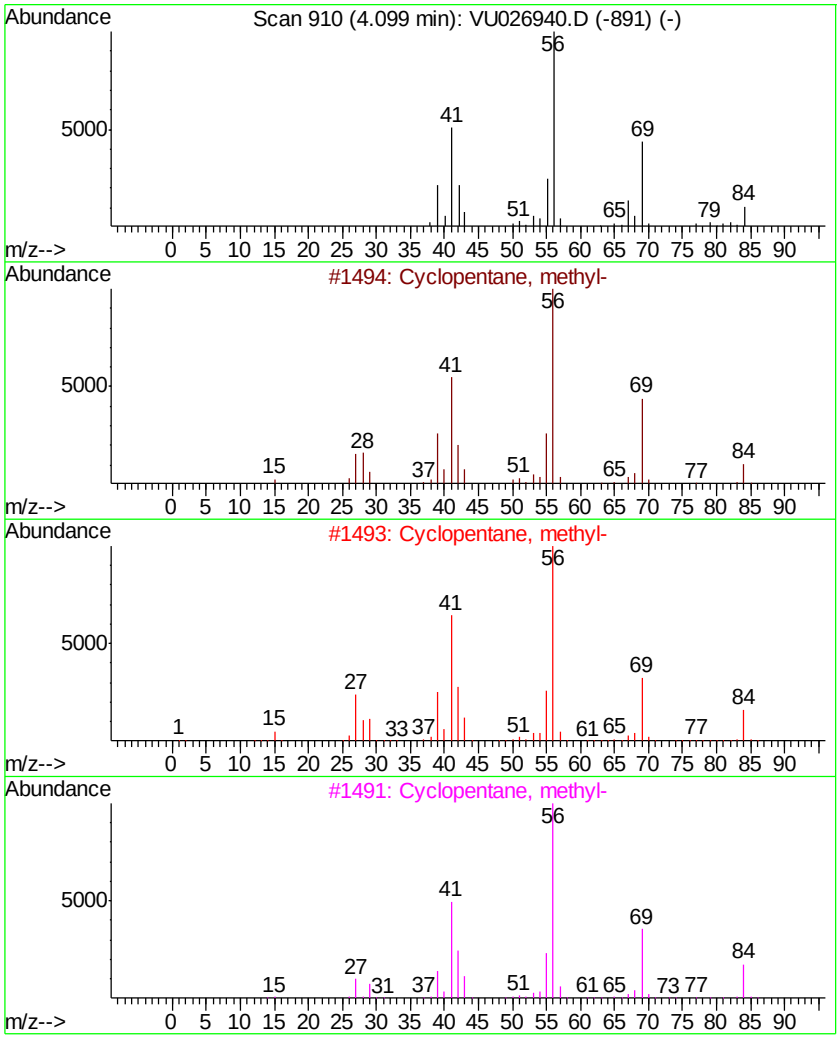
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

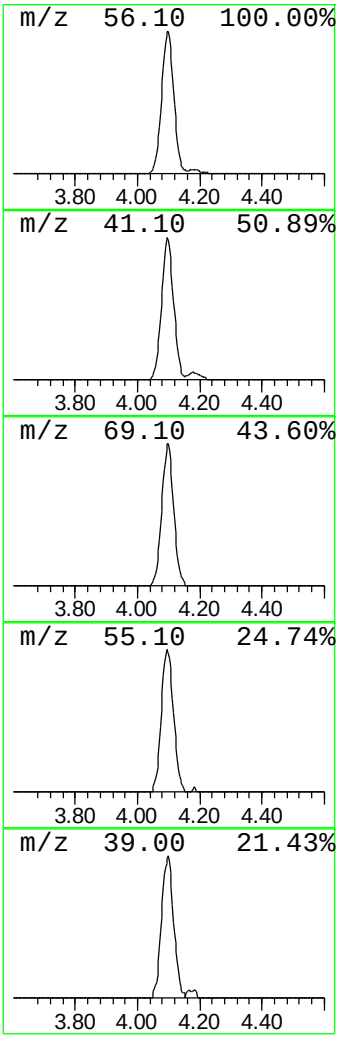
****

Peak Number 1 (DEL) Alkane: Cyclic4.10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.10	10.82 ug/L	140984	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	91
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	87
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	78
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	72
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	72





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	4.10	10.8	ug/L	140984	1	5.89	651546	50.0