LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\
Data File : VU034696.D
Acq On : 20 Sep 2019 18:05
Operator : JC/SP
Sample : K4948-03
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEDN3

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\SOMULM091919WMA.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	1.177	21	27	40	rVB	262329	253072	1.98%	0.624%
2	1.299	60	65	70	rBV	22783	22451	0.18%	0.055%
3	1.392	86	94	105	rBV3	399733	486540	3.81%	1.201%
4	1.672	174	181	195	rVB	272595	355818	2.78%	0.878%
5	2.257	354	363	376	rVB	492621	748683	5.86%	1.847%
6	2.431	409	417	437	rVB	30635	56259	0.44%	0.139%
7	2.974	575	586	602	rVB6	24101	56677	0.44%	0.140%
8	3.051	608	610	615	rVB3	1756	1300	0.01%	0.003%
9	3.087	618	621	624	rVB4	1647	889	0.01%	0.002%
10	3.167	637	646	648	rBV9	3037	3938	0.03%	0.010%
11	3.389	708	715	720	rBV7	1917	2469	0.02%	0.006%
12	3.421	720	725	727	rBV3	1243	1150	0.01%	0.003%
13	3.482	740	744	746	rBV4	1285	943	0.01%	0.002%
14	3.685	804	807	809	rBV3	1607	778	0.01%	0.002%
15	3.736	821	823	825	rVV3	1815	979	0.01%	0.002%
16	3.756	825	829	833	rVB6	1374	1052	0.01%	0.003%
17	3.833	849	853	855	rBV4	1327	1141	0.01%	0.003%
18	3.910	873	877	883	rVB8	1285	1116	0.01%	0.003%
19	4.010	902	908	913	rVB8	1973	2175	0.02%	0.005%
20	4.103	933	937	940	rBV4	854	804	0.01%	0.002%
21	4.199	940	967	1012	rBV	4945120	12786025	100.00%	31.549%
22	4.624	1084	1099	1123	rVB	374544	893521	6.99%	2.205%
23	5.048	1227	1231	1233	rBV4	2067	1669	0.01%	0.004%
24	5.103	1245	1248	1253	rVB7	1490	1390	0.01%	0.003%
25	5.193	1270	1276	1277	rBV5	1181	913	0.01%	0.002%
26	5.315	1291	1314	1341	rVV2	780982	2344325	18.34%	5.785%
27	5.646	1414	1417	1422	rVB8	2419	1915	0.01%	0.005%
28	5.717	1436	1439	1441	rVB3	1964	908	0.01%	0.002%
29	5.746	1441	1448	1451	rBV6	2995	3784	0.03%	0.009%
30	5.865	1469	1485	1507	rBV	668993	1353889	10.59%	3.341%
31	6.164	1566	1578	1599	rVB	404283	792231	6.20%	1.955%
32	6.308	1610	1623	1648	rVB	544420	1087168	8.50%	2.683%
33	6.659	1729	1732	1737	rBV5	1779	1365	0.01%	0.003%
34	6.749	1757	1760	1764	rVB4	1805	1224	0.01%	0.003%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEDN3

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\SOMULM091919WMA.M
Title : VOC Analysis

35	6.771	1764	1767	1770	rBV3	1685	1248	0.01%	0.003%
36	6.788	1770	1772	1777	rBV5	1366	1320	0.01%	0.003%
37	6.929	1814	1816	1823	rVB6	1845	1696	0.01%	0.004%
38	7.067	1856	1859	1863	rBV5	1573	1085	0.01%	0.003%
39	7.093	1864	1867	1871	rVB6	1411	1103	0.01%	0.003%
40	7.122	1872	1876	1878	rBV5	1051	870	0.01%	0.002%
41	7.206	1890	1902	1923	rBV	315055	593781	4.64%	1.465%
42	7.357	1947	1949	1951	rBV2	1294	818	0.01%	0.002%
43	7.460	1980	1981	1989	rVB7	1689	1177	0.01%	0.003%
44	7.543	1993	2007	2024	rBV	1033372	1821583	14.25%	4.495%
45	7.829	2083	2096	2116	rBV	222635	407699	3.19%	1.006%
46	7.990	2143	2146	2151	rVV4	1578	1322	0.01%	0.003%
47	8.013	2151	2153	2156	rVB4	1438	790	0.01%	0.002%
48	8.061	2165	2168	2175	rBV9	1643	1669	0.01%	0.004%
49	8.206	2197	2213	2229	rBV	5415117	9068229	70.92%	22.376%
50	8.289	2230	2239	2274	rVB	759358	1449777	11.34%	3.577%
51	8.566	2322	2325	2328	rBV5	1925	1095	0.01%	0.003%
52	8.913	2430	2433	2436	rVB4	1472	940	0.01%	0.002%
53	8.939	2436	2441	2442	rBV3	1830	1294	0.01%	0.003%
54	9.067	2468	2481	2507	rBV	982612	1666928	13.04%	4.113%
55	9.363	2565	2573	2580	rBV	5026	9270	0.07%	0.023%
56	9.453	2597	2601	2605	rVB6	1207	1161	0.01%	0.003%
57	9.488	2605	2612	2613	rBV7	1789	1913	0.01%	0.005%
58	9.540	2624	2628	2630	rBV5	1704	1127	0.01%	0.003%
59	9.585	2640	2642	2647	rVB3	2065	1337	0.01%	0.003%
60	9.607	2647	2649	2653	rBV3	1218	878	0.01%	0.002%
61	9.656	2659	2664	2668	rBV5	1261	1178	0.01%	0.003%
62	9.694	2673	2676	2678	rBV3	1123	785	0.01%	0.002%
63	9.762	2692	2697	2704	rVB3	2950	3850	0.03%	0.009%
64	10.029	2778	2780	2784	rBV4	1189	809	0.01%	0.002%
65	10.051	2784	2787	2790	rBV4	1461	1294	0.01%	0.003%
66	10.144	2813	2816	2818	rBV3	1204	788	0.01%	0.002%
67	10.160	2818	2821	2827	rVB8	1678	1695	0.01%	0.004%
68	10.218	2834	2839	2843	rBV7	1317	1411	0.01%	0.003%
69	10.340	2871	2877	2880	rBV7	1409	1453	0.01%	0.004%
70	10.408	2886	2898	2922	rBV	687728	1131746	8.85%	2.793%
71	10.569	2946	2948	2949	rBV2	2000	966	0.01%	0.002%

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ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BEDN3

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_U\METHOD\SOMULM091919WMA.M
Title : VOC Analysis

72	10.627	2962	2966	2968	rBV4	1080	831	0.01%	0.002%
73	10.884	3043	3046	3049	rBV4	2028	1292	0.01%	0.003%
74	10.990	3077	3079	3084	rVB7	1924	1183	0.01%	0.003%
75	11.090	3107	3110	3112	rBV4	1817	922	0.01%	0.002%
76	11.254	3159	3161	3165	rBV4	1229	999	0.01%	0.002%
77	11.305	3172	3177	3181	rBV8	2096	1888	0.01%	0.005%
78	11.337	3185	3187	3193	rVB5	1331	1067	0.01%	0.003%
79	11.369	3193	3197	3199	rBV5	1357	1171	0.01%	0.003%
80	11.392	3202	3204	3211	rVB8	2264	2014	0.02%	0.005%
81	11.459	3213	3225	3249	rBV	911466	1503982	11.76%	3.711%
82	11.836	3331	3342	3365	rBV	900192	1517533	11.87%	3.745%
83	12.228	3461	3464	3467	rBV4	1792	1380	0.01%	0.003%
84	12.350	3497	3502	3505	rBV7	1889	1592	0.01%	0.004%
85	12.369	3506	3508	3514	rVB5	2312	1700	0.01%	0.004%
86	12.517	3550	3554	3555	rBV4	1370	818	0.01%	0.002%
87	12.591	3575	3577	3579	rBV3	1837	1123	0.01%	0.003%
88	12.633	3583	3590	3593	rBV7	3002	2975	0.02%	0.007%
89	12.688	3603	3607	3608	rBV2	2626	1786	0.01%	0.004%
90	12.774	3631	3634	3635	rBV2	1516	792	0.01%	0.002%
91	12.855	3655	3659	3662	rBV4	1900	1835	0.01%	0.005%
92	12.942	3684	3686	3691	rBV4	1485	1207	0.01%	0.003%
93	13.064	3719	3724	3725	rBV5	2030	1767	0.01%	0.004%
94	13.209	3766	3769	3772	rBV5	1781	1085	0.01%	0.003%
95	13.572	3879	3882	3885	rVB5	2768	1902	0.01%	0.005%
96	13.710	3920	3925	3928	rBV5	2676	2480	0.02%	0.006%
97	13.768	3941	3943	3946	rBV3	2641	1403	0.01%	0.003%
98	13.842	3961	3966	3969	rBV7	3213	3447	0.03%	0.009%
99	14.337	4110	4120	4121	rBV8	6687	10577	0.08%	0.026%
100	14.736	4242	4244	4246	rBV3	2488	1486	0.01%	0.004%

Sum of corrected areas: 40526883

LSC Report - Integrated Chromatogram

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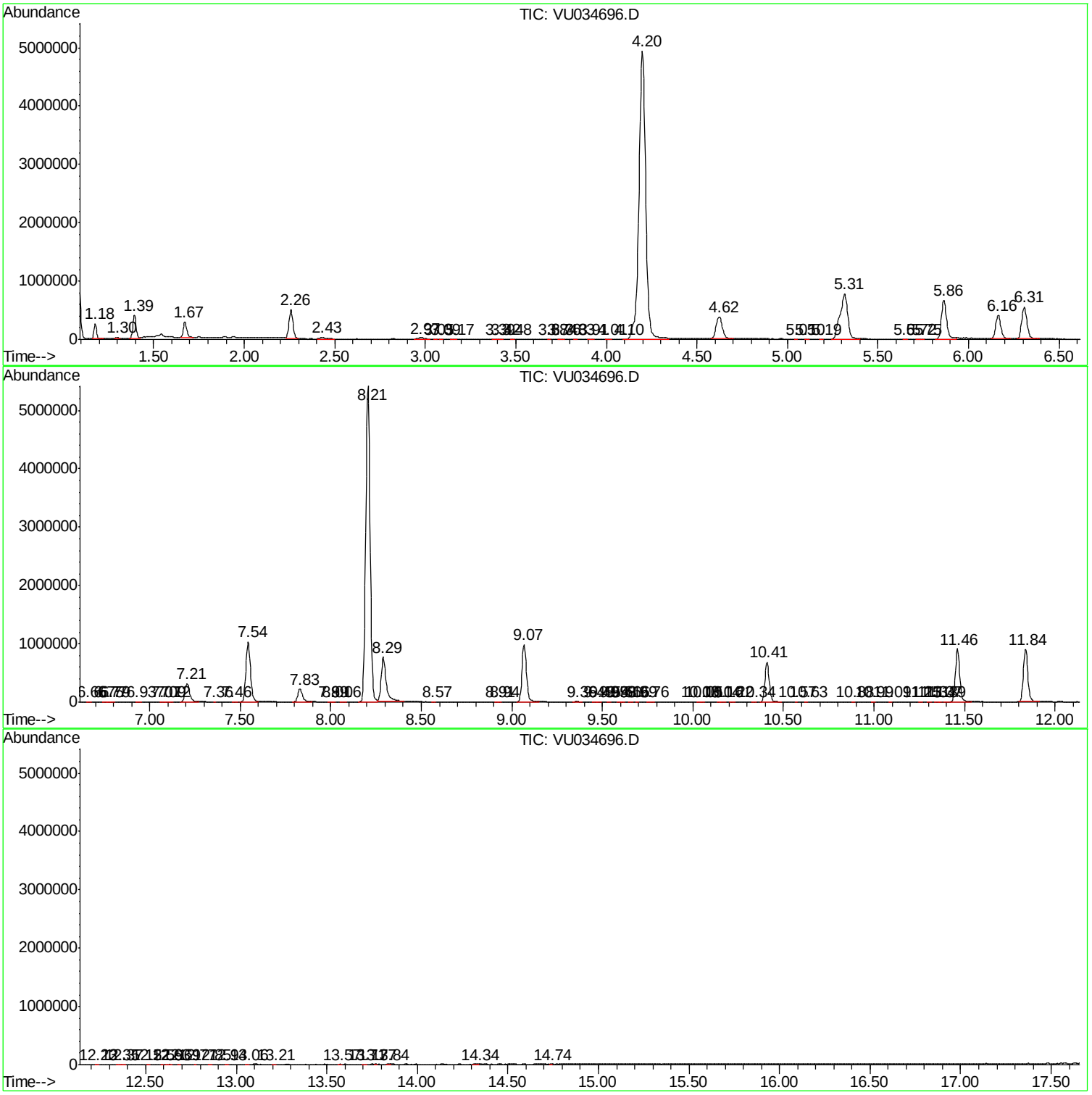
Instrument : MSVOA_U
ClientSampleId : BEDN3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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



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Instrument : MSVOA_U
ClientSampleId : BEDN3

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

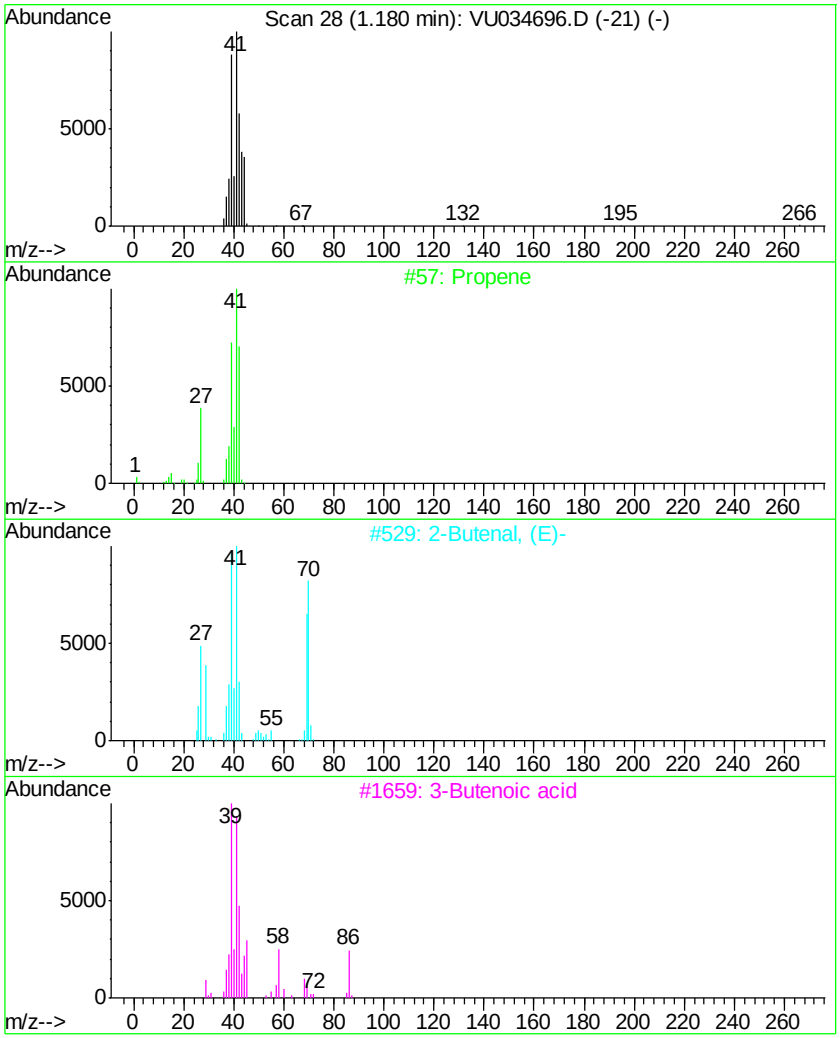
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

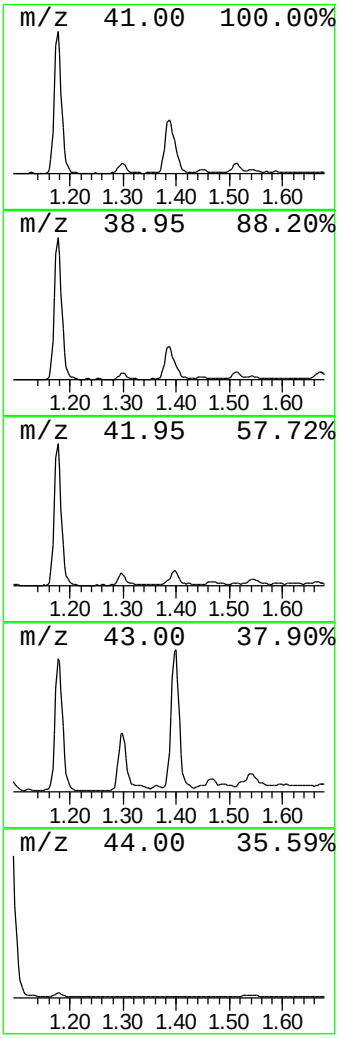
****

Peak Number 1 (DEL) Alkane: Cyclic1.18 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	9.35 ug/L	253072	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	2-Butenal, (E)-	70	C4H6O	000123-73-9	78
3	3-Butenoic acid	86	C4H6O2	000625-38-7	78
4	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	64
5	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092019\
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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
(DEL) Alkane: Cyc...	1.18	9.3	ug/L	253072	1	5.86	1353890	50.0