LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\
Data File : VU034719.D
Acq On : 21 Sep 2019 03:27
Operator : JC/SP
Sample : K5001-07
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFCY2

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	20	27	36	rVB	198414	193781	9.68%	1.219%
2	1.251	45	50	54	rBV	17153	17727	0.89%	0.112%
3	1.280	54	59	70	rVB2	37490	52689	2.63%	0.331%
4	1.392	86	94	108	rBV2	313754	375406	18.75%	2.361%
5	1.466	113	117	124	rVB	33817	33436	1.67%	0.210%
6	1.672	174	181	194	rVB	224388	290801	14.52%	1.829%
7	2.257	354	363	374	rVB	390251	590744	29.50%	3.716%
8	2.431	409	417	430	rVB2	19269	37060	1.85%	0.233%
9	2.518	441	444	448	rBV4	1900	2077	0.10%	0.013%
10	2.971	579	585	586	rBV5	2242	2060	0.10%	0.013%
11	3.029	599	603	606	rBV5	2215	1778	0.09%	0.011%
12	3.113	625	629	630	rBV4	1601	986	0.05%	0.006%
13	3.148	637	640	642	rBV4	1670	1140	0.06%	0.007%
14	3.170	644	647	648	rBV2	2011	1173	0.06%	0.007%
15	3.280	677	681	686	rVV6	2867	3430	0.17%	0.022%
16	3.302	686	688	693	rVB4	2291	1487	0.07%	0.009%
17	3.447	730	733	737	rBV3	1976	1826	0.09%	0.011%
18	3.569	766	771	772	rBV3	1613	1197	0.06%	0.008%
19	3.627	783	789	795	rVB9	1619	2557	0.13%	0.016%
20	3.804	842	844	850	rVB6	1452	1421	0.07%	0.009%
21	3.836	850	854	858	rVB5	1692	1529	0.08%	0.010%
22	3.891	865	871	874	rBV5	1335	1434	0.07%	0.009%
23	3.987	893	901	907	rBV10	2764	5242	0.26%	0.033%
24	4.151	940	952	979	rBV	194797	532167	26.58%	3.348%
25	4.621	1083	1098	1118	rBV	320595	759583	37.93%	4.778%
26	5.006	1215	1218	1223	rBV5	2051	2142	0.11%	0.013%
27	5.145	1256	1261	1263	rBV4	1109	1023	0.05%	0.006%
28	5.180	1268	1272	1274	rBV4	1864	1598	0.08%	0.010%
29	5.203	1274	1279	1283	rBV7	1395	1531	0.08%	0.010%
30	5.315	1292	1314	1347	rBV2	653715	2002441	100.00%	12.596%
31	5.862	1470	1484	1511	rBV	595917	1201531	60.00%	7.558%
32	6.032	1535	1537	1541	rVB5	1819	1185	0.06%	0.007%
33	6.164	1576	1578	1585	rVB5	2273	2069	0.10%	0.013%
34	6.247	1600	1604	1606	rBV3	1237	1013	0.05%	0.006%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFCY2

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	6.305	1608	1622	1644	rBV	464345	949602	47.42%	5.973%
36	6.611	1713	1717	1719	rBV3	1780	1438	0.07%	0.009%
37	6.772	1761	1767	1770	rBV6	2056	1776	0.09%	0.011%
38	6.836	1785	1787	1789	rBV3	1478	997	0.05%	0.006%
39	7.038	1844	1850	1852	rBV5	1987	1589	0.08%	0.010%
40	7.100	1866	1869	1875	rBV5	1385	1325	0.07%	0.008%
41	7.145	1878	1883	1886	rVB7	1531	1299	0.06%	0.008%
42	7.206	1886	1902	1924	rBV	247780	479534	23.95%	3.016%
43	7.408	1963	1965	1970	rVB6	1904	1322	0.07%	0.008%
44	7.434	1970	1973	1977	rBV5	1076	1004	0.05%	0.006%
45	7.466	1981	1983	1988	rVB4	1932	1334	0.07%	0.008%
46	7.498	1988	1993	1994	rBV3	1875	1085	0.05%	0.007%
47	7.543	1994	2007	2026	rBV	875988	1543786	77.10%	9.711%
48	7.759	2073	2074	2080	rVB4	1784	1130	0.06%	0.007%
49	7.829	2085	2096	2110	rBV	167696	305188	15.24%	1.920%
50	8.206	2203	2213	2228	rVB3	43257	73016	3.65%	0.459%
51	8.289	2228	2239	2274	rBV	609067	1201830	60.02%	7.560%
52	8.733	2374	2377	2380	rVB4	2154	1259	0.06%	0.008%
53	8.858	2414	2416	2421	rVB5	1497	1133	0.06%	0.007%
54	9.067	2463	2481	2506	rBV	885785	1538248	76.82%	9.676%
55	9.235	2529	2533	2538	rVB7	2482	2101	0.10%	0.013%
56	9.347	2564	2568	2570	rBV4	1927	1321	0.07%	0.008%
57	9.466	2602	2605	2609	rVB4	2733	1846	0.09%	0.012%
58	9.489	2609	2612	2614	rBV3	1749	1216	0.06%	0.008%
59	9.556	2630	2633	2637	rBV5	2148	1666	0.08%	0.010%
60	9.604	2645	2648	2650	rBV3	2245	1514	0.08%	0.010%
61	9.669	2665	2668	2670	rBV3	1851	1172	0.06%	0.007%
62	9.704	2677	2679	2686	rBV6	1242	1497	0.07%	0.009%
63	9.749	2691	2693	2697	rBV5	1306	1147	0.06%	0.007%
64	9.829	2714	2718	2720	rBV3	1570	1060	0.05%	0.007%
65	9.842	2720	2722	2727	rVB3	2042	1273	0.06%	0.008%
66	9.878	2727	2733	2736	rBV6	1807	2089	0.10%	0.013%
67	9.890	2736	2737	2742	rVB4	1855	1136	0.06%	0.007%
68	9.971	2759	2762	2767	rVB7	1322	1060	0.05%	0.007%
69	10.042	2782	2784	2789	rVB4	1602	1486	0.07%	0.009%
70	10.106	2799	2804	2807	rBV4	2064	1812	0.09%	0.011%
71	10.122	2807	2809	2813	rVV3	2011	1487	0.07%	0.009%

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ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFCY2

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

72	10.154	2814	2819	2823	rVB6	1557	1420	0.07%	0.009%
73	10.234	2838	2844	2845	rBV5	1389	1261	0.06%	0.008%
74	10.305	2863	2866	2869	rBV3	1408	1154	0.06%	0.007%
75	10.328	2869	2873	2880	rVB9	2189	2437	0.12%	0.015%
76	10.408	2885	2898	2914	rBV	601635	982994	49.09%	6.183%
77	10.800	3017	3020	3023	rBV3	1587	993	0.05%	0.006%
78	10.939	3061	3063	3067	rVB4	1373	979	0.05%	0.006%
79	10.971	3067	3073	3076	rBV8	1427	1869	0.09%	0.012%
80	11.064	3096	3102	3109	rVB7	2245	2860	0.14%	0.018%
81	11.193	3139	3142	3145	rVV3	1813	1214	0.06%	0.008%
82	11.234	3153	3155	3162	rVB7	1292	1285	0.06%	0.008%
83	11.460	3213	3225	3253	rBV	792944	1334263	66.63%	8.393%
84	11.836	3330	3342	3370	rBV	763743	1282201	64.03%	8.066%
85	12.086	3418	3420	3423	rVB4	2249	1000	0.05%	0.006%
86	12.337	3496	3498	3502	rBV5	1325	1040	0.05%	0.007%
87	12.382	3507	3512	3514	rBV4	1823	1610	0.08%	0.010%
88	12.736	3618	3622	3625	rVB6	2291	1915	0.10%	0.012%
89	12.778	3628	3635	3637	rBV4	2206	2042	0.10%	0.013%
90	12.849	3653	3657	3661	rVB6	2422	1727	0.09%	0.011%
91	13.099	3730	3735	3736	rBV4	1456	1083	0.05%	0.007%
92	13.263	3783	3786	3788	rBV3	1875	1225	0.06%	0.008%
93	13.376	3818	3821	3825	rBV4	1025	1152	0.06%	0.007%
94	13.630	3897	3900	3903	rVB5	1968	1207	0.06%	0.008%
95	13.765	3938	3942	3944	rBV3	1531	1001	0.05%	0.006%
96	14.067	4033	4036	4040	rBV4	2466	1995	0.10%	0.013%
97	14.437	4149	4151	4156	rBV5	1595	1141	0.06%	0.007%
98	14.633	4209	4212	4215	rBV3	2019	1217	0.06%	0.008%
99	15.157	4371	4375	4377	rBV5	2198	1821	0.09%	0.011%
100	15.572	4501	4504	4505	rBV3	1988	1016	0.05%	0.006%

Sum of corrected areas: 15897164

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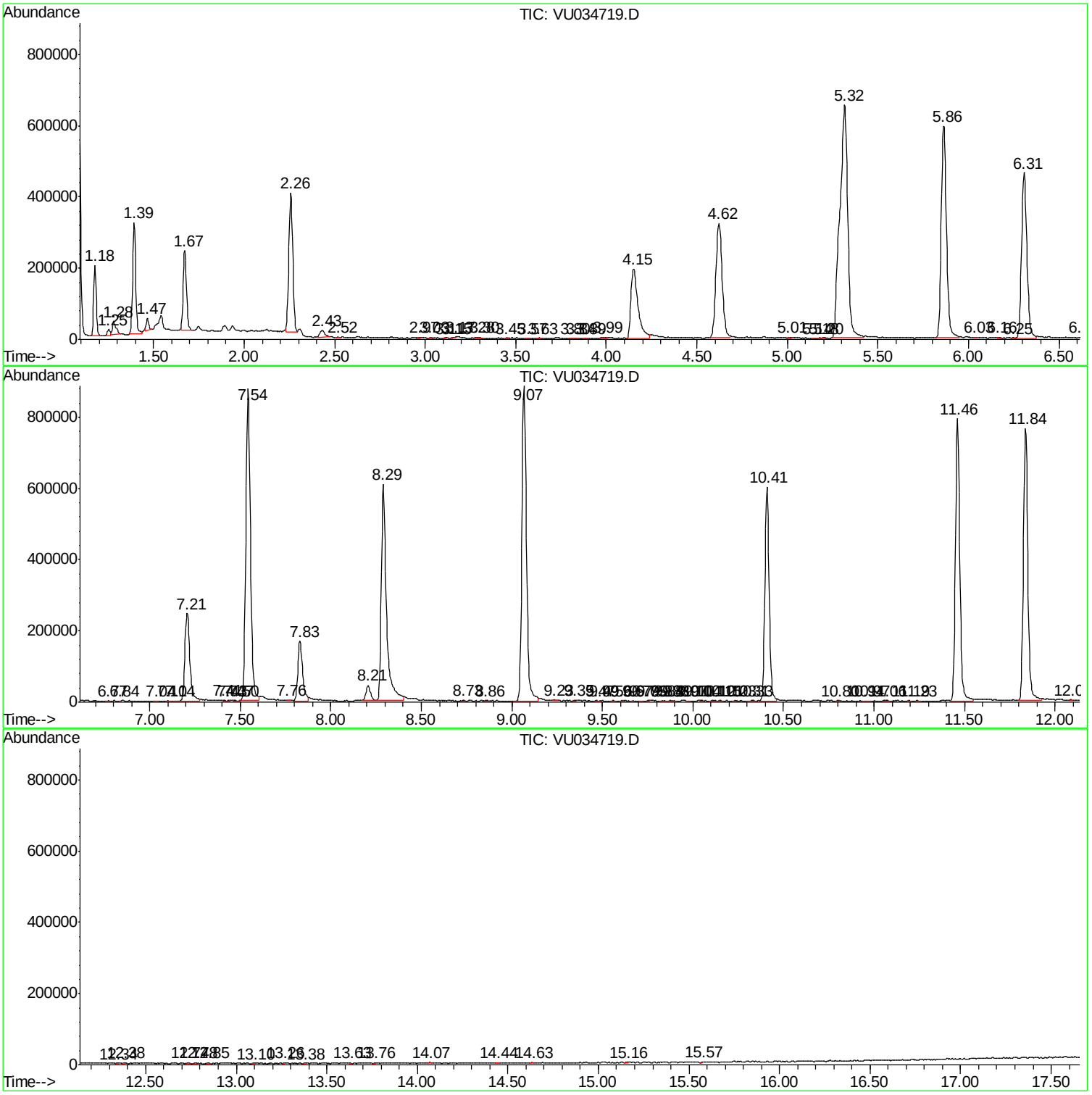
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

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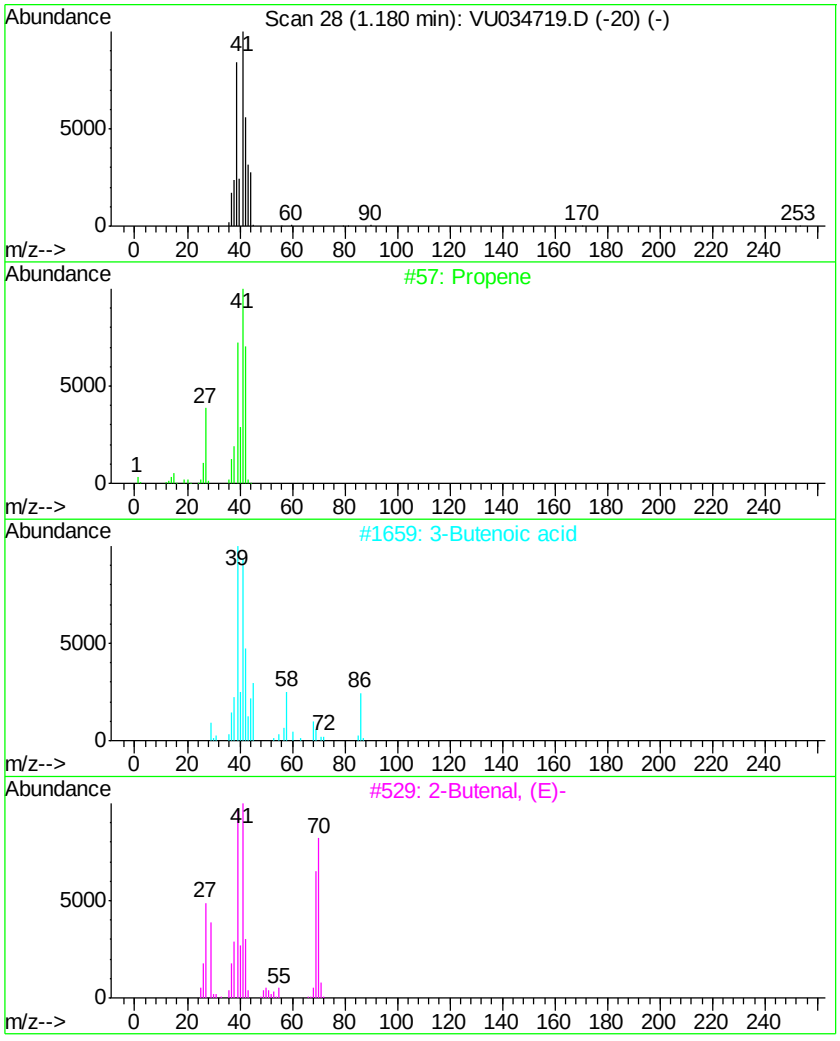
TIC Integration Parameters: LSCINT.P

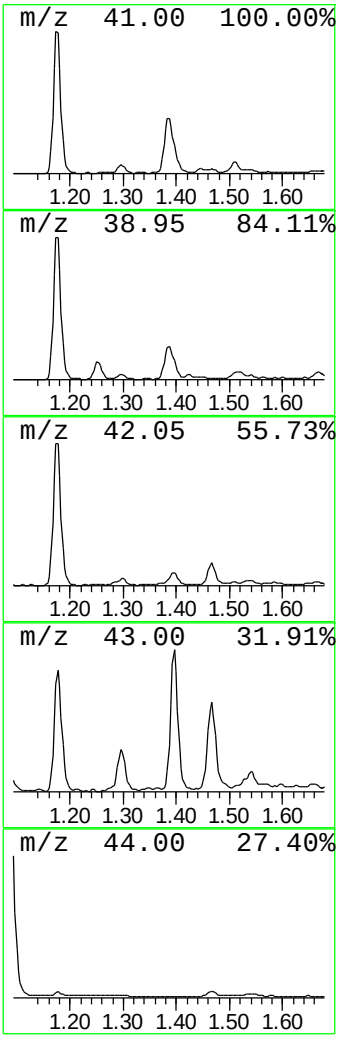
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	8.06 ug/L	193781	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	3-Butenoic acid	86	C4H6O2	000625-38-7	83
3	2-Butenal, (E)-	70	C4H6O	000123-73-9	78
4	Cyclopropanecarboxylic acid	86	C4H6O2	001759-53-1	64
5	N-Methyl-7-azabicyclo(2,2,1)hept...	109	C7H11N	055590-26-6	64





Tentatively Identified Compound (LSC) summary

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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	8.1	ug/L	193781	1	5.86	1201530	50.0