LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\
Data File : VU034706.D
Acq On : 20 Sep 2019 22:23
Operator : JC/SP
Sample : K4948-20
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFCX9

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	39	rBV	530220	512466	23.72%	3.017%
2	1.296	60	64	73	rVB	43299	43918	2.03%	0.259%
3	1.392	85	94	106	rBV3	423959	523907	24.25%	3.085%
4	1.672	175	181	194	rVB	245556	310396	14.36%	1.828%
5	2.257	355	363	374	rVB	420603	628258	29.07%	3.699%
6	2.614	469	474	476	rBV4	3453	3591	0.17%	0.021%
7	2.887	557	559	561	rBV3	1412	874	0.04%	0.005%
8	2.977	576	587	600	rBV6	10569	23066	1.07%	0.136%
9	3.174	639	648	651	rBV8	6267	9200	0.43%	0.054%
10	3.235	663	667	669	rBV3	1896	1213	0.06%	0.007%
11	3.392	714	716	717	rBV2	860	408	0.02%	0.002%
12	3.537	757	761	764	rBV4	1232	1032	0.05%	0.006%
13	3.595	776	779	781	rBV4	776	331	0.02%	0.002%
14	3.608	781	783	786	rBV3	1422	845	0.04%	0.005%
15	3.685	801	807	809	rBV5	1033	846	0.04%	0.005%
16	3.711	809	815	817	rBV6	2343	2216	0.10%	0.013%
17	3.846	853	857	858	rBV3	1018	740	0.03%	0.004%
18	3.907	874	876	878	rVV3	630	247	0.01%	0.001%
19	3.923	878	881	883	rVB2	991	560	0.03%	0.003%
20	3.952	888	890	893	rBV4	1282	995	0.05%	0.006%
21	4.151	940	952	980	rBV2	202483	562981	26.05%	3.315%
22	4.620	1084	1098	1120	rBV	338381	802216	37.12%	4.723%
23	5.112	1250	1251	1256	rBV4	1426	1043	0.05%	0.006%
24	5.161	1263	1266	1268	rBV3	1337	903	0.04%	0.005%
25	5.315	1291	1314	1348	rBV2	702235	2160872	100.00%	12.723%
26	5.743	1444	1447	1449	rBV3	1628	1155	0.05%	0.007%
27	5.865	1472	1485	1504	rBV	574739	1141226	52.81%	6.719%
28	6.132	1566	1568	1570	rBV3	1522	694	0.03%	0.004%
29	6.145	1570	1572	1574	rBV3	1746	1113	0.05%	0.007%
30	6.247	1598	1604	1606	rBV6	2080	2123	0.10%	0.012%
31	6.309	1610	1623	1640	rVV	488997	988583	45.75%	5.821%
32	6.704	1742	1746	1748	rBV2	2605	1657	0.08%	0.010%
33	6.736	1754	1756	1758	rBV2	1031	333	0.02%	0.002%
34	6.749	1758	1760	1764	rVB3	1390	1035	0.05%	0.006%

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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

35	6.845	1788	1790	1791	rBV2	1339	664	0.03%	0.004%
36	6.997	1835	1837	1840	rVB3	1096	550	0.03%	0.003%
37	7.019	1840	1844	1847	rBV4	1244	959	0.04%	0.006%
38	7.096	1865	1868	1870	rBV3	1456	930	0.04%	0.005%
39	7.144	1881	1883	1885	rBV3	1064	615	0.03%	0.004%
40	7.206	1891	1902	1924	rBV	269742	512270	23.71%	3.016%
41	7.418	1966	1968	1971	rBV3	1056	538	0.02%	0.003%
42	7.495	1988	1992	1994	rBV3	1216	1026	0.05%	0.006%
43	7.543	1994	2007	2023	rBV	929856	1644091	76.08%	9.680%
44	7.829	2086	2096	2119	rBV	179760	333005	15.41%	1.961%
45	8.061	2165	2168	2171	rBV4	1815	1456	0.07%	0.009%
46	8.109	2181	2183	2186	rBV2	793	433	0.02%	0.003%
47	8.128	2186	2189	2191	rBV4	1689	1372	0.06%	0.008%
48	8.206	2203	2213	2229	rVB2	166045	282810	13.09%	1.665%
49	8.289	2229	2239	2283	rBV	635882	1272249	58.88%	7.491%
50	8.775	2385	2390	2391	rBV4	1488	1379	0.06%	0.008%
51	8.932	2437	2439	2441	rBV3	1940	1175	0.05%	0.007%
52	8.968	2448	2450	2454	rVB4	1276	642	0.03%	0.004%
53	9.016	2462	2465	2468	rBV4	1358	1302	0.06%	0.008%
54	9.067	2469	2481	2516	rVV	865195	1486206	68.78%	8.751%
55	9.514	2618	2620	2623	rVB4	802	527	0.02%	0.003%
56	9.543	2627	2629	2630	rVB	771	219	0.01%	0.001%
57	9.556	2630	2633	2634	rBV2	1354	592	0.03%	0.003%
58	9.598	2642	2646	2647	rBV4	1334	877	0.04%	0.005%
59	9.623	2653	2654	2657	rBV3	1463	573	0.03%	0.003%
60	9.643	2657	2660	2661	rBV3	927	535	0.02%	0.003%
61	9.707	2678	2680	2681	rBV2	882	386	0.02%	0.002%
62	9.865	2725	2729	2734	rVB7	2102	2100	0.10%	0.012%
63	9.890	2734	2737	2738	rBV3	1198	670	0.03%	0.004%
64	9.900	2738	2740	2741	rBV2	1061	316	0.01%	0.002%
65	9.958	2755	2758	2761	rVB4	1971	1068	0.05%	0.006%
66	9.977	2761	2764	2767	rBV3	1149	999	0.05%	0.006%
67	10.296	2858	2863	2864	rBV4	1497	1196	0.06%	0.007%
68	10.344	2876	2878	2882	rBV3	920	503	0.02%	0.003%
69	10.408	2886	2898	2916	rBV	627702	1033018	47.81%	6.082%
70	10.787	3014	3016	3017	rBV	880	353	0.02%	0.002%
71	10.832	3027	3030	3031	rBV3	1666	1017	0.05%	0.006%

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Integrator: RTE
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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	10.874	3041	3043	3044	rBV	1108	496	0.02%	0.003%
73	10.945	3062	3065	3067	rBV3	1997	1328	0.06%	0.008%
74	11.029	3090	3091	3092	rBV	484	99	0.00%	0.001%
75	11.045	3092	3096	3098	rBV3	1330	1058	0.05%	0.006%
76	11.115	3113	3118	3119	rBV5	2416	1530	0.07%	0.009%
77	11.463	3213	3226	3249	rBV	764406	1281616	59.31%	7.546%
78	11.836	3330	3342	3371	rBV	799375	1376636	63.71%	8.105%
79	12.569	3568	3570	3574	rBV4	1961	1024	0.05%	0.006%
80	12.871	3662	3664	3666	rBV3	1066	595	0.03%	0.004%

Sum of corrected areas: 16984046

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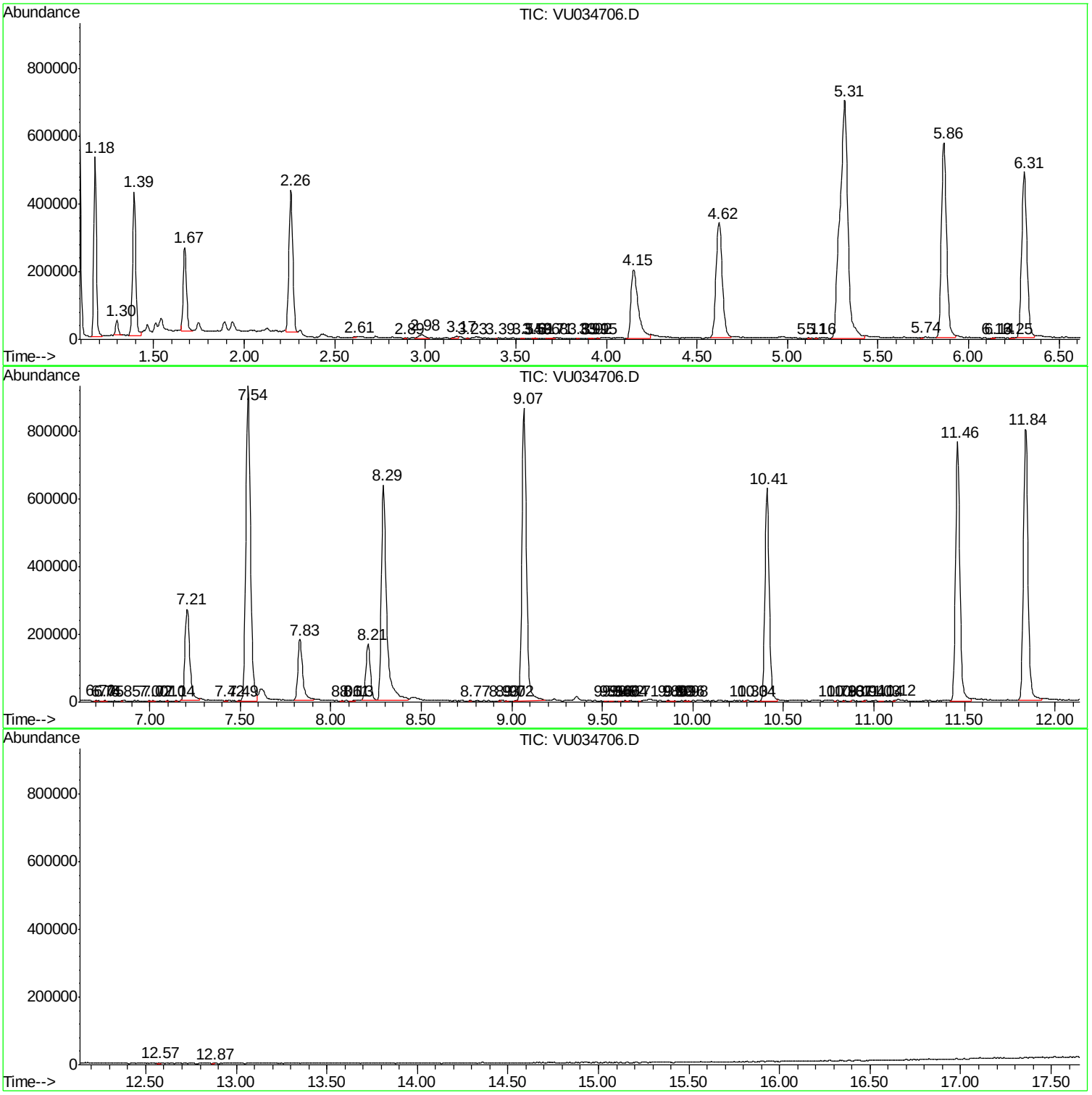
Instrument :
MSVOA_U
ClientSampleId :
BFCX9

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\
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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFCX9

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

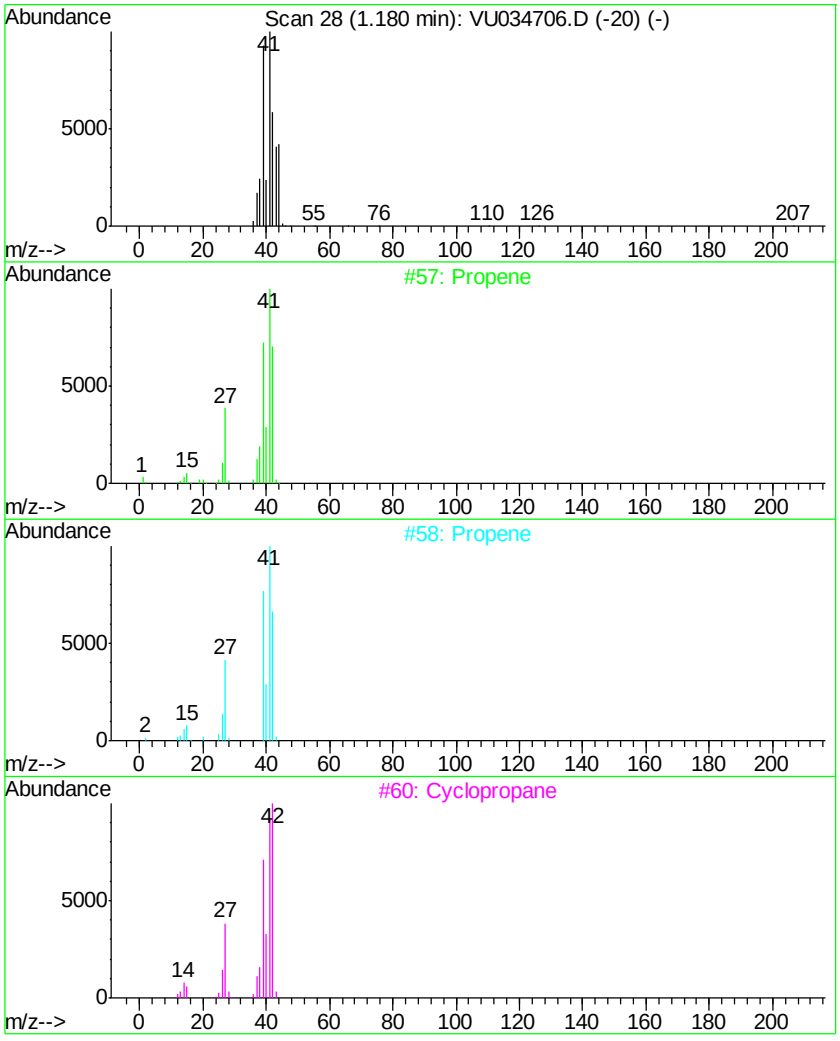
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

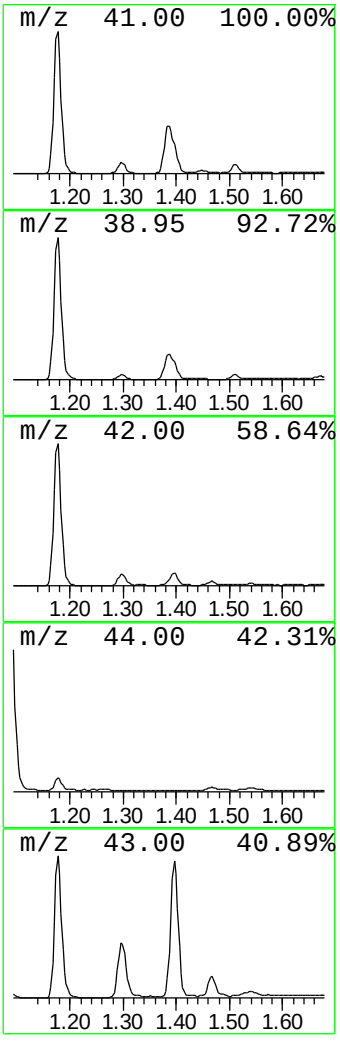
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	22.45 ug/L	512466	1,4-Difluorobenzene	5.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	78
2	Propene	42	C3H6	000115-07-1	42
3	Cyclopropane	42	C3H6	000075-19-4	7
4	Cyclopropene	40	C3H4	002781-85-3	5
5	Cyclopropane	42	C3H6	000075-19-4	4





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	22.4	ug/L	512466	1	5.86	1141230	50.0