LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080418\
Data File : VU025842.D
Acq On : 04 Aug 2018 00:38
Operator : MD/SY
Sample : J4340-19
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E5F84

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\SOMULM072018WMA.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	0.629	9	12	21	rBV3	349	542	0.02%	0.005%
2	0.690	27	31	35	rBV2	344	282	0.01%	0.002%
3	0.899	91	96	99	rBV2	285	326	0.01%	0.003%
4	1.040	137	140	142	rBV	558	322	0.01%	0.003%
5	1.088	142	155	175	rVV	3331971	3557252	100.00%	29.790%
6	1.185	179	185	194	rVV	49504	48646	1.37%	0.407%
7	1.304	216	222	235	rVB	26293	28946	0.81%	0.242%
8	1.404	244	253	263	rBV2	131304	143242	4.03%	1.200%
9	1.474	271	275	284	rVB	11036	11843	0.33%	0.099%
10	1.683	331	340	355	rBV	90594	116938	3.29%	0.979%
11	1.760	356	364	373	rVB	14400	20079	0.56%	0.168%
12	1.947	416	422	433	rVB	9520	12859	0.36%	0.108%
13	2.275	513	524	534	rBV	197563	301111	8.46%	2.522%
14	2.448	567	578	596	rVB4	3489	7824	0.22%	0.066%
15	2.590	616	622	623	rBV3	310	312	0.01%	0.003%
16	2.709	652	659	660	rBV5	904	1000	0.03%	0.008%
17	2.748	666	671	679	rVB4	2558	3602	0.10%	0.030%
18	2.828	693	696	698	rBV3	1065	770	0.02%	0.006%
19	2.937	727	730	735	rVB2	577	501	0.01%	0.004%
20	3.002	740	750	756	rBV7	1866	2817	0.08%	0.024%
21	3.085	772	776	778	rBV2	387	318	0.01%	0.003%
22	3.143	787	794	797	rBV2	369	337	0.01%	0.003%
23	3.304	836	844	854	rBV6	2704	5556	0.16%	0.047%
24	3.362	858	862	864	rBV2	387	346	0.01%	0.003%
25	3.391	868	871	879	rVB3	513	573	0.02%	0.005%
26	3.538	912	917	920	rVB2	308	283	0.01%	0.002%
27	3.619	937	942	945	rBV2	324	297	0.01%	0.002%
28	3.638	945	948	952	rVB2	362	300	0.01%	0.003%
29	3.792	991	996	999	rVB	387	335	0.01%	0.003%
30	3.818	999	1004	1008	rBV2	329	308	0.01%	0.003%
31	3.950	1038	1045	1050	rVV2	471	626	0.02%	0.005%
32	3.976	1051	1053	1055	rVV	496	300	0.01%	0.003%
33	3.998	1055	1060	1065	rVV5	1032	1401	0.04%	0.012%
34	4.021	1065	1067	1071	rVV3	394	336	0.01%	0.003%

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Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Title : VOC Analysis

35	4.095	1087	1090	1093	rBV3	646	591	0.02%	0.005%
36	4.178	1102	1116	1141	rBV	85246	227279	6.39%	1.903%
37	4.490	1209	1213	1218	rBV3	386	396	0.01%	0.003%
38	4.567	1234	1237	1241	rBV3	467	414	0.01%	0.003%
39	4.654	1246	1264	1285	rVV	174876	411688	11.57%	3.448%
40	4.776	1299	1302	1306	rBV3	379	305	0.01%	0.003%
41	4.815	1309	1314	1321	rBV4	438	511	0.01%	0.004%
42	4.873	1327	1332	1334	rBV3	490	428	0.01%	0.004%
43	4.937	1348	1352	1354	rBV	427	336	0.01%	0.003%
44	5.001	1362	1372	1381	rBV6	3311	6161	0.17%	0.052%
45	5.082	1393	1397	1405	rBV3	595	836	0.02%	0.007%
46	5.194	1429	1432	1435	rVB2	372	287	0.01%	0.002%
47	5.230	1436	1443	1446	rBV2	442	445	0.01%	0.004%
48	5.345	1454	1479	1508	rBV2	334961	1017817	28.61%	8.524%
49	5.481	1517	1521	1523	rBV2	510	369	0.01%	0.003%
50	5.532	1535	1537	1541	rVB4	405	283	0.01%	0.002%
51	5.612	1560	1562	1570	rBV3	620	776	0.02%	0.006%
52	5.780	1611	1614	1616	rBV2	756	563	0.02%	0.005%
53	5.892	1629	1649	1668	rBV	395844	779211	21.90%	6.525%
54	6.043	1693	1696	1699	rBV2	409	354	0.01%	0.003%
55	6.181	1732	1739	1744	rBV4	834	921	0.03%	0.008%
56	6.336	1771	1787	1804	rBV	226877	460099	12.93%	3.853%
57	6.545	1846	1852	1854	rBV3	487	415	0.01%	0.003%
58	6.689	1893	1897	1900	rBV	382	398	0.01%	0.003%
59	6.844	1941	1945	1946	rBV2	550	291	0.01%	0.002%
60	7.124	2029	2032	2035	rVB2	512	332	0.01%	0.003%
61	7.230	2053	2065	2083	rBV	125627	227367	6.39%	1.904%
62	7.361	2100	2106	2107	rBV4	682	587	0.02%	0.005%
63	7.464	2135	2138	2141	rVB3	621	414	0.01%	0.003%
64	7.570	2156	2171	2186	rBV	442832	773665	21.75%	6.479%
65	7.853	2247	2259	2275	rBV	94301	158803	4.46%	1.330%
66	8.181	2358	2361	2367	rVB2	428	410	0.01%	0.003%
67	8.233	2370	2377	2383	rVB5	2327	3362	0.09%	0.028%
68	8.313	2390	2402	2426	rBV	283772	502675	14.13%	4.210%
69	9.021	2615	2622	2624	rBV2	464	601	0.02%	0.005%
70	9.091	2631	2644	2666	rBV	559487	941128	26.46%	7.881%
71	9.249	2689	2693	2695	rBV3	1369	1072	0.03%	0.009%

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Title : VOC Analysis

72	9.381	2724	2734	2741	rBV3	6528	10122	0.28%	0.085%
73	9.522	2775	2778	2781	rVB2	422	296	0.01%	0.002%
74	9.728	2839	2842	2849	rBV3	241	287	0.01%	0.002%
75	9.786	2852	2860	2867	rBV4	2296	3358	0.09%	0.028%
76	9.892	2887	2893	2895	rBV2	360	372	0.01%	0.003%
77	9.979	2913	2920	2924	rBV2	385	474	0.01%	0.004%
78	10.033	2932	2937	2944	rVB4	1191	1374	0.04%	0.012%
79	10.207	2987	2991	2995	rBV2	514	460	0.01%	0.004%
80	10.246	2998	3003	3006	rBV3	366	421	0.01%	0.004%
81	10.320	3022	3026	3032	rVB4	572	526	0.01%	0.004%
82	10.361	3035	3039	3041	rBV3	330	302	0.01%	0.003%
83	10.435	3046	3062	3078	rBV	317980	518647	14.58%	4.343%
84	10.683	3133	3139	3144	rBV4	764	964	0.03%	0.008%
85	10.766	3160	3165	3166	rBV2	382	308	0.01%	0.003%
86	10.889	3201	3203	3207	rVB2	480	322	0.01%	0.003%
87	10.979	3223	3231	3233	rBV2	655	788	0.02%	0.007%
88	11.066	3256	3258	3265	rVB2	351	383	0.01%	0.003%
89	11.152	3278	3285	3292	rBV5	2073	2685	0.08%	0.022%
90	11.374	3348	3354	3355	rBV4	1163	1084	0.03%	0.009%
91	11.487	3376	3389	3408	rBV	553505	878142	24.69%	7.354%
92	11.863	3493	3506	3524	rBV	447852	723290	20.33%	6.057%
93	11.972	3535	3540	3547	rVB6	933	1261	0.04%	0.011%
94	12.303	3637	3643	3646	rBV2	590	580	0.02%	0.005%
95	12.400	3670	3673	3677	rVB3	540	415	0.01%	0.003%
96	12.432	3677	3683	3688	rBV3	493	732	0.02%	0.006%
97	12.528	3709	3713	3717	rBV3	313	353	0.01%	0.003%
98	13.400	3981	3984	3989	rBV2	485	481	0.01%	0.004%
99	14.287	4258	4260	4263	rBV2	490	320	0.01%	0.003%
100	14.972	4471	4473	4476	rBV	591	315	0.01%	0.003%

Sum of corrected areas: 11941182

LSC Report - Integrated Chromatogram

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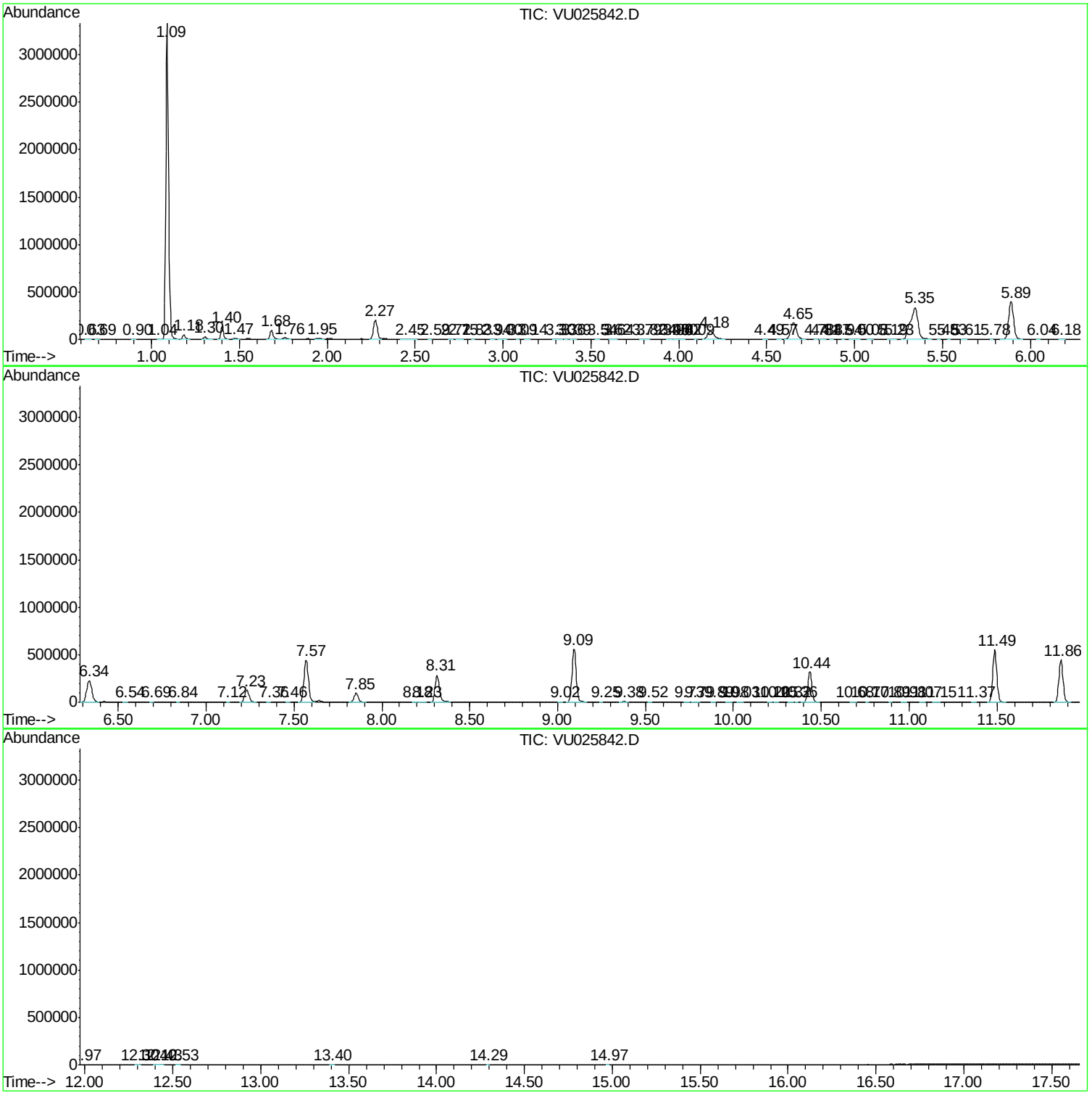
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

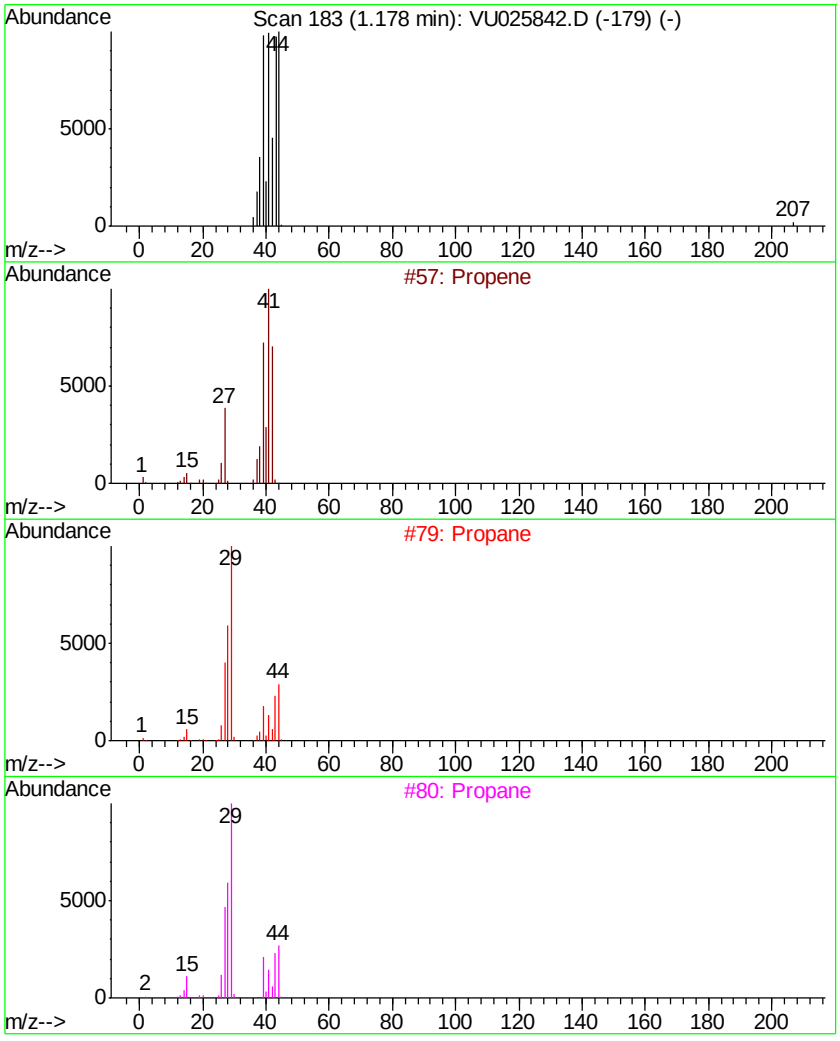
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

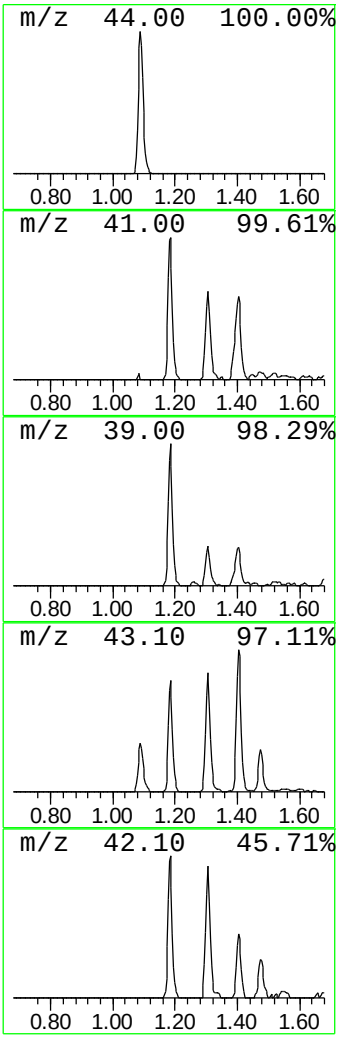
****

Peak Number 2 (DEL) Alkane: Cyclic1.18 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	3.12 ug/L	48646	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	9
2	Propane	44	C3H8	000074-98-6	5
3	Propane	44	C3H8	000074-98-6	4
4	Propane	44	C3H8	000074-98-6	4
5	Cyclopropene	40	C3H4	002781-85-3	4





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	1.18	3.1	ug/L	48646	1	5.89	779211	50.0