LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080418\
Data File : VU025838.D
Acq On : 03 Aug 2018 23:04
Operator : MD/SY
Sample : J4340-13
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E5F78

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	0.677	24	27	32	rVB3	330	339	0.02%	0.003%
2	0.822	68	72	78	rBV3	285	384	0.02%	0.003%
3	0.880	87	90	93	rBV2	285	260	0.01%	0.002%
4	0.925	101	104	110	rVB3	529	544	0.02%	0.005%
5	0.963	111	116	121	rBV2	383	556	0.02%	0.005%
6	0.989	122	124	132	rVB3	518	672	0.03%	0.006%
7	1.089	137	155	178	rBV	2109883	2245482	100.00%	19.318%
8	1.185	178	185	199	rVB	71420	72213	3.22%	0.621%
9	1.304	216	222	237	rVB	21376	23499	1.05%	0.202%
10	1.400	243	252	263	rBV2	147536	168135	7.49%	1.446%
11	1.523	286	290	294	rBV2	2680	2425	0.11%	0.021%
12	1.680	331	339	353	rBV	95254	123190	5.49%	1.060%
13	1.757	357	363	375	rVB3	14371	19145	0.85%	0.165%
14	1.950	417	423	432	rVB5	9670	14430	0.64%	0.124%
15	2.272	512	523	535	rBV	216771	324872	14.47%	2.795%
16	2.420	564	569	570	rBV3	548	489	0.02%	0.004%
17	2.445	570	577	583	rVV4	1603	2786	0.12%	0.024%
18	2.622	627	632	634	rBV3	791	723	0.03%	0.006%
19	2.696	647	655	656	rBV5	741	877	0.04%	0.008%
20	2.796	682	686	692	rVB4	1058	1233	0.05%	0.011%
21	2.828	692	696	698	rBV2	351	251	0.01%	0.002%
22	2.844	698	701	705	rBV3	551	486	0.02%	0.004%
23	3.002	738	750	762	rVB5	3611	8281	0.37%	0.071%
24	3.195	804	810	823	rVB6	1811	3415	0.15%	0.029%
25	3.314	834	847	852	rBV7	1925	4126	0.18%	0.035%
26	3.368	860	864	867	rVB	399	260	0.01%	0.002%
27	3.529	910	914	917	rVB3	340	344	0.02%	0.003%
28	3.548	917	920	924	rBV2	412	342	0.02%	0.003%
29	3.580	926	930	932	rBV2	384	345	0.02%	0.003%
30	3.690	960	964	967	rBV3	422	360	0.02%	0.003%
31	3.764	983	987	992	rVV2	411	502	0.02%	0.004%
32	3.793	992	996	999	rVV2	365	354	0.02%	0.003%
33	3.825	1003	1006	1010	rVB2	374	346	0.02%	0.003%
34	3.847	1010	1013	1016	rBV3	337	269	0.01%	0.002%

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Instrument : MSVOA_U
ClientSampleId : E5F78

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\SOMULM072018WMA.M
Title : VOC Analysis

35	3.905	1027	1031	1037	rVB3	434	407	0.02%	0.004%
36	4.005	1056	1062	1067	rBV3	551	553	0.02%	0.005%
37	4.178	1101	1116	1151	rBV	90238	286737	12.77%	2.467%
38	4.651	1246	1263	1286	rVV3	183096	429967	19.15%	3.699%
39	4.815	1310	1314	1315	rBV	459	277	0.01%	0.002%
40	4.889	1333	1337	1341	rBV4	442	514	0.02%	0.004%
41	4.924	1346	1348	1351	rVB5	558	367	0.02%	0.003%
42	4.995	1359	1370	1380	rBV8	2686	5433	0.24%	0.047%
43	5.076	1389	1395	1396	rBV3	553	356	0.02%	0.003%
44	5.088	1397	1399	1403	rVB2	573	292	0.01%	0.003%
45	5.153	1416	1419	1423	rVB3	381	331	0.01%	0.003%
46	5.204	1430	1435	1438	rVB2	435	322	0.01%	0.003%
47	5.223	1438	1441	1442	rBV2	399	273	0.01%	0.002%
48	5.346	1452	1479	1508	rBV2	354676	1083216	48.24%	9.319%
49	5.635	1564	1569	1575	rVB4	681	880	0.04%	0.008%
50	5.780	1609	1614	1619	rBV2	694	914	0.04%	0.008%
51	5.889	1634	1648	1666	rBV	366119	717411	31.95%	6.172%
52	6.191	1728	1742	1759	rBV	92784	177633	7.91%	1.528%
53	6.336	1771	1787	1805	rVV2	243339	486087	21.65%	4.182%
54	6.420	1805	1813	1822	rVV7	3988	7675	0.34%	0.066%
55	6.455	1822	1824	1828	rVB3	510	358	0.02%	0.003%
56	6.657	1884	1887	1891	rBV2	315	308	0.01%	0.003%
57	6.850	1941	1947	1955	rBV4	803	1277	0.06%	0.011%
58	7.059	2009	2012	2016	rVB2	416	321	0.01%	0.003%
59	7.082	2016	2019	2022	rBV2	324	256	0.01%	0.002%
60	7.178	2045	2049	2053	rBV2	508	483	0.02%	0.004%
61	7.230	2053	2065	2092	rVV	134803	243497	10.84%	2.095%
62	7.567	2155	2170	2185	rBV	478110	828646	36.90%	7.129%
63	7.854	2247	2259	2290	rBV	97309	169112	7.53%	1.455%
64	7.960	2290	2292	2296	rBV4	686	475	0.02%	0.004%
65	8.001	2303	2305	2311	rVB4	593	378	0.02%	0.003%
66	8.027	2311	2313	2319	rVB3	473	489	0.02%	0.004%
67	8.059	2320	2323	2328	rVB2	723	601	0.03%	0.005%
68	8.085	2328	2331	2334	rBV	437	350	0.02%	0.003%
69	8.181	2357	2361	2362	rBV	494	286	0.01%	0.002%
70	8.230	2363	2376	2391	rVV	410121	693968	30.91%	5.970%
71	8.313	2391	2402	2430	rVB	295097	512000	22.80%	4.405%

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

72	8.545	2471	2474	2481	rVB2	918	668	0.03%	0.006%
73	8.587	2484	2487	2490	rBV2	429	310	0.01%	0.003%
74	8.857	2568	2571	2574	rBV	382	387	0.02%	0.003%
75	8.937	2591	2596	2598	rBV2	332	311	0.01%	0.003%
76	9.091	2631	2644	2682	rVB	515541	865980	38.57%	7.450%
77	9.252	2690	2694	2703	rVB4	1674	2159	0.10%	0.019%
78	9.381	2725	2734	2746	rVV3	5885	9253	0.41%	0.080%
79	9.535	2777	2782	2785	rBV2	518	445	0.02%	0.004%
80	9.622	2804	2809	2812	rVV2	315	356	0.02%	0.003%
81	9.783	2852	2859	2870	rBV6	2081	3190	0.14%	0.027%
82	9.866	2882	2885	2891	rVB2	346	267	0.01%	0.002%
83	9.895	2891	2894	2899	rBV2	236	255	0.01%	0.002%
84	9.972	2914	2918	2921	rBV	370	267	0.01%	0.002%
85	10.316	3019	3025	3029	rVB4	933	1162	0.05%	0.010%
86	10.435	3035	3062	3080	rBV	328660	531520	23.67%	4.573%
87	10.680	3132	3138	3139	rBV2	602	517	0.02%	0.004%
88	10.738	3151	3156	3159	rBV3	346	294	0.01%	0.003%
89	11.043	3245	3251	3254	rBV2	374	497	0.02%	0.004%
90	11.152	3279	3285	3288	rBV3	924	1109	0.05%	0.010%
91	11.197	3296	3299	3304	rVB3	537	441	0.02%	0.004%
92	11.230	3304	3309	3315	rBV3	466	709	0.03%	0.006%
93	11.487	3377	3389	3405	rBV	498871	782410	34.84%	6.731%
94	11.696	3450	3454	3456	rBV2	501	411	0.02%	0.004%
95	11.863	3493	3506	3524	rBV	457898	744597	33.16%	6.406%
96	12.561	3721	3723	3724	rBV	539	258	0.01%	0.002%
97	12.750	3779	3782	3786	rVB2	389	332	0.01%	0.003%
98	13.358	3968	3971	3975	rBV	510	508	0.02%	0.004%
99	13.532	4022	4025	4027	rBV	367	267	0.01%	0.002%
100	14.786	4413	4415	4418	rBV3	519	360	0.02%	0.003%

Sum of corrected areas: 11623625

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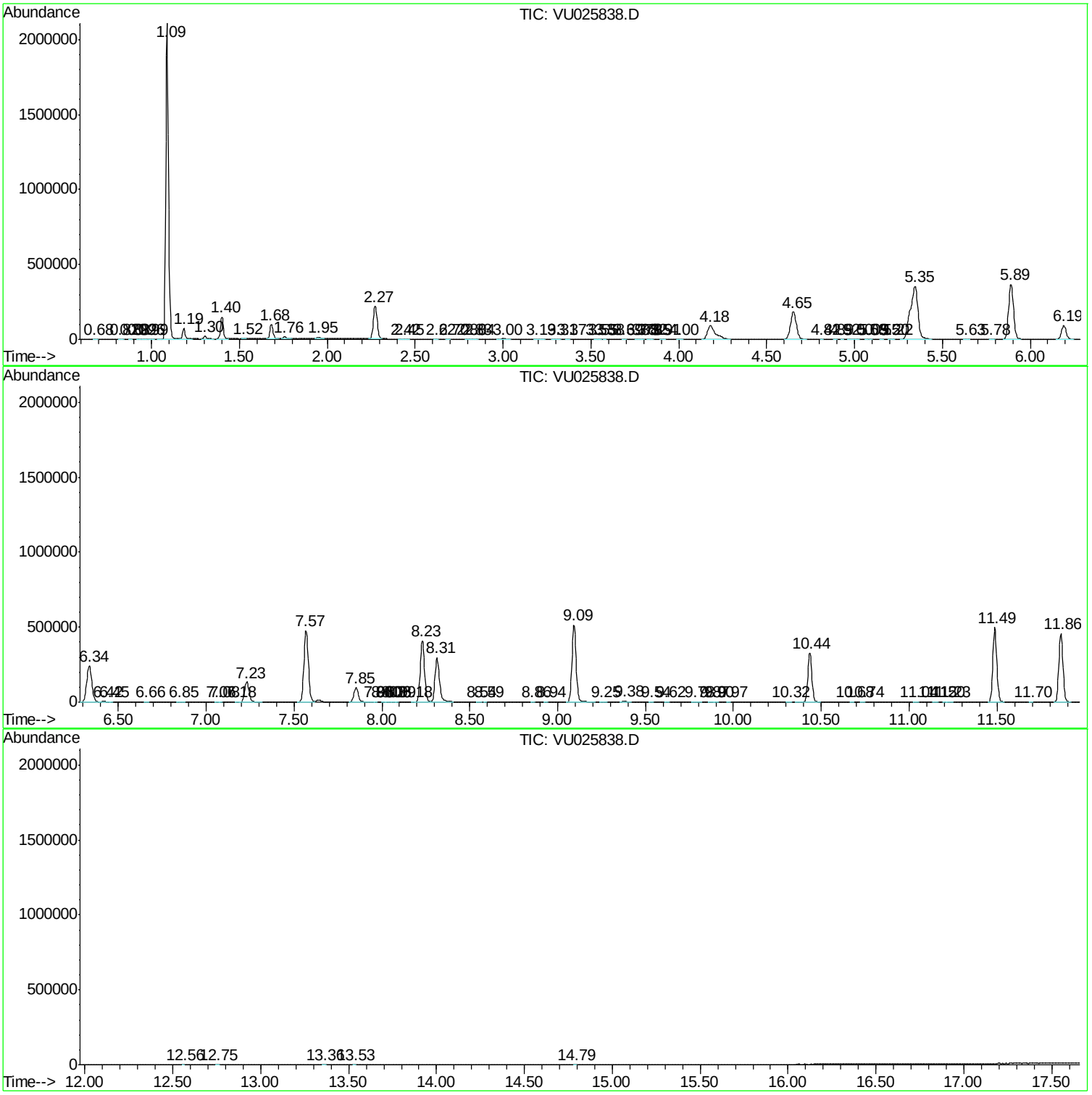
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

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

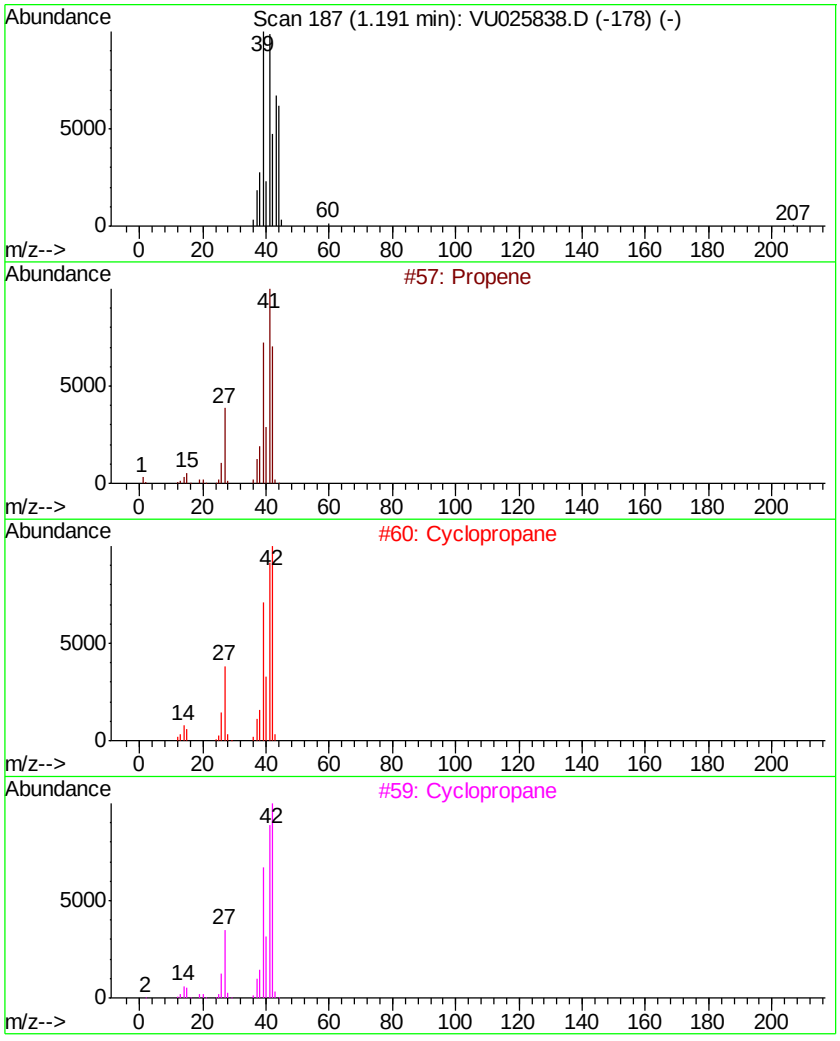
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

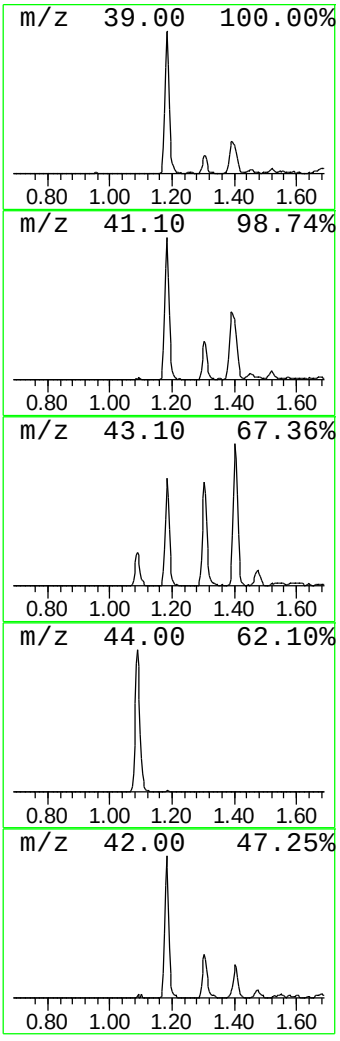
****

Peak Number 2 (DEL) Alkane: Cyclic1.19 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.19	5.03 ug/L	72213	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	10
2	Cyclopropane	42	C3H6	000075-19-4	4
3	Cyclopropane	42	C3H6	000075-19-4	4
4	Cyclopropene	40	C3H4	002781-85-3	4
5	2-Oxetanone, 4-methyl-	86	C4H6O2	003068-88-0	4





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...	1.19	5.0	ug/L	72213	1	5.89	717411	50.0