LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080518\
Data File : VU025869.D
Acq On : 04 Aug 2018 13:27
Operator : MD/SY
Sample : J4340-21
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E5F87

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	0.661	17	22	27	rVB2	323	337	0.01%	0.003%
2	0.818	67	71	76	rBV3	318	302	0.01%	0.002%
3	0.941	106	109	116	rBV2	334	309	0.01%	0.002%
4	1.005	122	129	136	rBV3	305	483	0.01%	0.004%
5	1.089	136	155	174	rBV	4477720	4878707	100.00%	36.234%
6	1.182	178	184	199	rVB	96525	97590	2.00%	0.725%
7	1.259	204	208	215	rVV2	5521	6913	0.14%	0.051%
8	1.304	216	222	234	rVB2	14896	17175	0.35%	0.128%
9	1.400	243	252	266	rBV3	142476	169260	3.47%	1.257%
10	1.474	270	275	284	rVB	19046	19719	0.40%	0.146%
11	1.523	285	290	295	rBV3	5721	5950	0.12%	0.044%
12	1.683	332	340	352	rVB	88987	112612	2.31%	0.836%
13	1.757	358	363	373	rVB3	7779	10340	0.21%	0.077%
14	1.957	418	425	434	rVB6	6209	9848	0.20%	0.073%
15	2.275	513	524	533	rBV	202744	305976	6.27%	2.272%
16	2.323	534	539	550	rVB	18674	28748	0.59%	0.214%
17	2.445	568	577	586	rBV2	5362	8902	0.18%	0.066%
18	2.539	601	606	608	rBV3	1226	1126	0.02%	0.008%
19	2.703	649	657	660	rBV5	1464	1996	0.04%	0.015%
20	2.793	680	685	687	rBV3	786	758	0.02%	0.006%
21	2.841	690	700	712	rVB	6842	15173	0.31%	0.113%
22	2.982	741	744	745	rBV	643	401	0.01%	0.003%
23	3.188	799	808	820	rVB6	3715	7701	0.16%	0.057%
24	3.291	834	840	843	rVV2	748	832	0.02%	0.006%
25	3.320	845	849	852	rVB2	589	538	0.01%	0.004%
26	3.497	897	904	905	rBV	310	356	0.01%	0.003%
27	3.648	945	951	954	rBV3	403	489	0.01%	0.004%
28	3.998	1046	1060	1073	rBV5	2848	7292	0.15%	0.054%
29	4.079	1079	1085	1086	rBV2	381	295	0.01%	0.002%
30	4.095	1086	1090	1095	rBV4	1225	1301	0.03%	0.010%
31	4.182	1101	1117	1141	rBV3	93483	262602	5.38%	1.950%
32	4.442	1196	1198	1207	rVB3	682	841	0.02%	0.006%
33	4.590	1239	1244	1245	rBV2	547	457	0.01%	0.003%
34	4.654	1247	1264	1286	rVB2	170852	405101	8.30%	3.009%

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ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E5F87

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

35	4.886	1331	1336	1337	rBV2	498	372	0.01%	0.003%
36	4.992	1362	1369	1370	rBV4	1123	1045	0.02%	0.008%
37	5.095	1397	1401	1407	rVB2	392	391	0.01%	0.003%
38	5.127	1407	1411	1414	rBV3	316	318	0.01%	0.002%
39	5.236	1441	1445	1447	rBV2	518	400	0.01%	0.003%
40	5.346	1453	1479	1507	rVV2	336600	1012375	20.75%	7.519%
41	5.551	1539	1543	1547	rBV3	385	294	0.01%	0.002%
42	5.600	1551	1558	1563	rBV3	848	1135	0.02%	0.008%
43	5.696	1582	1588	1592	rBV2	245	364	0.01%	0.003%
44	5.789	1614	1617	1624	rVB4	626	716	0.01%	0.005%
45	5.892	1634	1649	1675	rBV	359410	709382	14.54%	5.269%
46	6.018	1686	1688	1695	rVB3	522	315	0.01%	0.002%
47	6.069	1702	1704	1710	rVB3	617	613	0.01%	0.005%
48	6.104	1710	1715	1720	rBV4	576	844	0.02%	0.006%
49	6.130	1720	1723	1727	rVB3	480	345	0.01%	0.003%
50	6.188	1730	1741	1751	rVV8	2350	4412	0.09%	0.033%
51	6.336	1772	1787	1806	rBV	224325	454453	9.32%	3.375%
52	6.526	1842	1846	1847	rBV3	1501	1018	0.02%	0.008%
53	6.792	1924	1929	1933	rBV2	396	477	0.01%	0.004%
54	6.844	1940	1945	1955	rBV4	548	739	0.02%	0.005%
55	6.960	1978	1981	1989	rVB3	652	592	0.01%	0.004%
56	7.230	2052	2065	2087	rBV	131136	234126	4.80%	1.739%
57	7.346	2099	2101	2106	rVB4	518	376	0.01%	0.003%
58	7.384	2109	2113	2118	rVB3	427	420	0.01%	0.003%
59	7.464	2135	2138	2148	rVB4	893	1052	0.02%	0.008%
60	7.567	2156	2170	2187	rBV	458708	797703	16.35%	5.924%
61	7.641	2188	2193	2205	rVB	8279	13653	0.28%	0.101%
62	7.747	2224	2226	2230	rVB2	453	314	0.01%	0.002%
63	7.776	2233	2235	2246	rVB3	630	680	0.01%	0.005%
64	7.854	2246	2259	2275	rBV	96640	165942	3.40%	1.232%
65	8.088	2328	2332	2335	rBV2	375	329	0.01%	0.002%
66	8.143	2345	2349	2353	rVB3	460	335	0.01%	0.002%
67	8.230	2365	2376	2390	rBV	92253	152773	3.13%	1.135%
68	8.313	2390	2402	2437	rBV	277937	496326	10.17%	3.686%
69	8.635	2492	2502	2503	rBV3	860	1082	0.02%	0.008%
70	8.857	2563	2571	2577	rVB3	475	730	0.01%	0.005%
71	8.979	2604	2609	2613	rBV	347	352	0.01%	0.003%

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

72	9.091	2629	2644	2671	rBV	521761	870018	17.83%	6.462%
73	9.249	2690	2693	2694	rBV	930	507	0.01%	0.004%
74	9.316	2711	2714	2721	rVB3	369	334	0.01%	0.002%
75	9.378	2721	2733	2744	rBV5	3277	5242	0.11%	0.039%
76	9.603	2799	2803	2806	rVV	378	321	0.01%	0.002%
77	9.783	2851	2859	2862	rBV3	1416	1439	0.03%	0.011%
78	9.825	2867	2872	2876	rVB2	511	507	0.01%	0.004%
79	9.876	2884	2888	2890	rBV2	408	362	0.01%	0.003%
80	9.918	2897	2901	2902	rBV3	448	337	0.01%	0.003%
81	9.931	2902	2905	2909	rVB2	368	335	0.01%	0.002%
82	10.008	2926	2929	2932	rBV2	435	390	0.01%	0.003%
83	10.030	2932	2936	2943	rVV4	1068	1286	0.03%	0.010%
84	10.172	2974	2980	2987	rBV3	452	559	0.01%	0.004%
85	10.435	3049	3062	3078	rBV	318396	516940	10.60%	3.839%
86	10.593	3108	3111	3113	rBV2	681	432	0.01%	0.003%
87	10.731	3151	3154	3159	rVV3	601	612	0.01%	0.005%
88	10.911	3206	3210	3213	rBV	381	362	0.01%	0.003%
89	10.979	3228	3231	3237	rBV3	398	386	0.01%	0.003%
90	11.024	3242	3245	3248	rBV2	397	328	0.01%	0.002%
91	11.088	3262	3265	3270	rVV2	412	381	0.01%	0.003%
92	11.487	3377	3389	3409	rBV	524411	842033	17.26%	6.254%
93	11.622	3428	3431	3435	rBV4	587	454	0.01%	0.003%
94	11.773	3476	3478	3484	rVB4	716	594	0.01%	0.004%
95	11.863	3493	3506	3528	rBV	487948	780815	16.00%	5.799%
96	12.011	3549	3552	3554	rBV3	585	329	0.01%	0.002%
97	12.532	3711	3714	3718	rVB	571	379	0.01%	0.003%
98	13.014	3861	3864	3867	rBV2	412	312	0.01%	0.002%
99	14.500	4324	4326	4333	rBV2	363	349	0.01%	0.003%
100	15.496	4632	4636	4642	rBV5	786	1017	0.02%	0.008%

Sum of corrected areas: 13464583

LSC Report - Integrated Chromatogram

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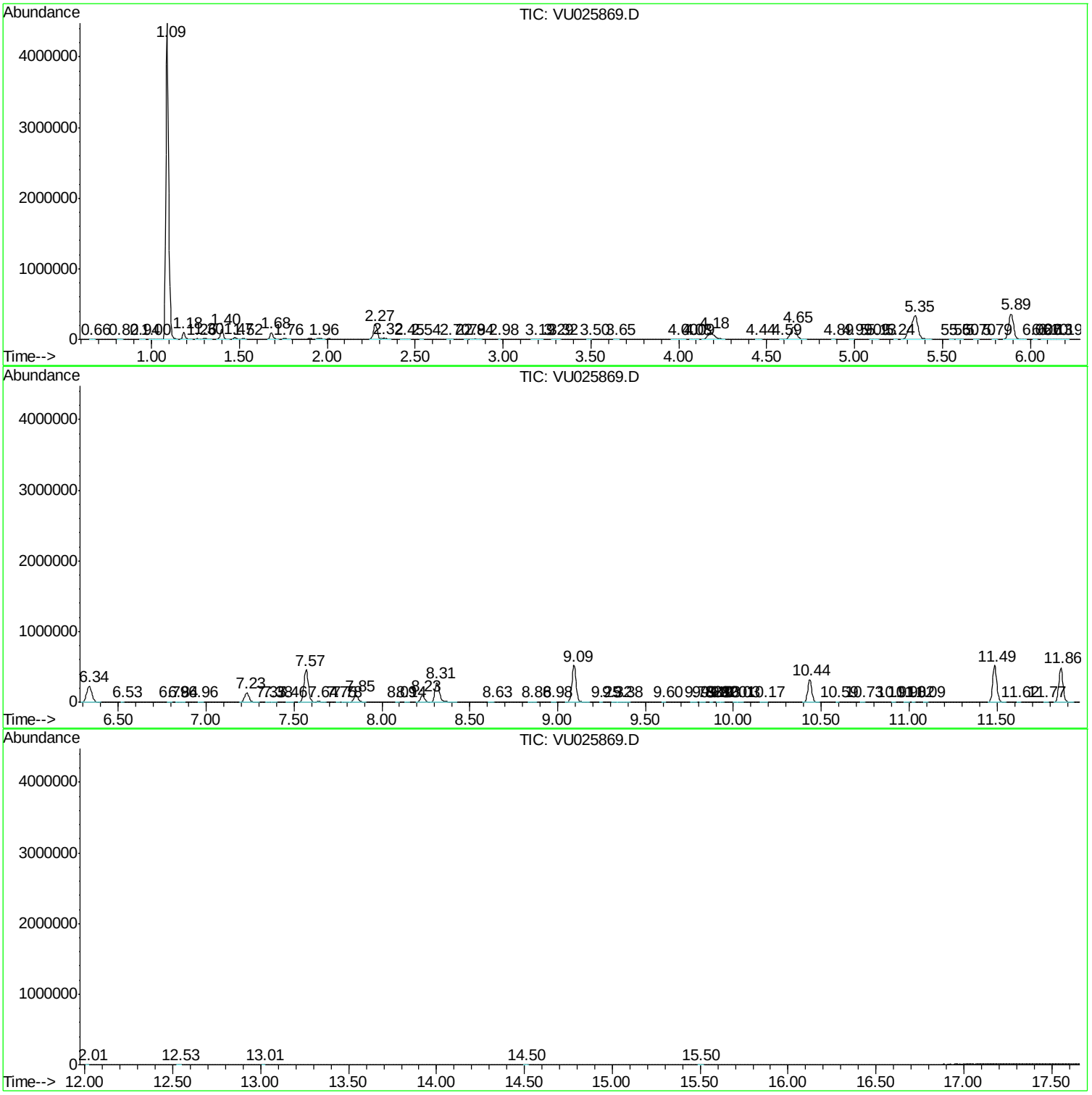
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080518\
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ClientSampleId : E5F87

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

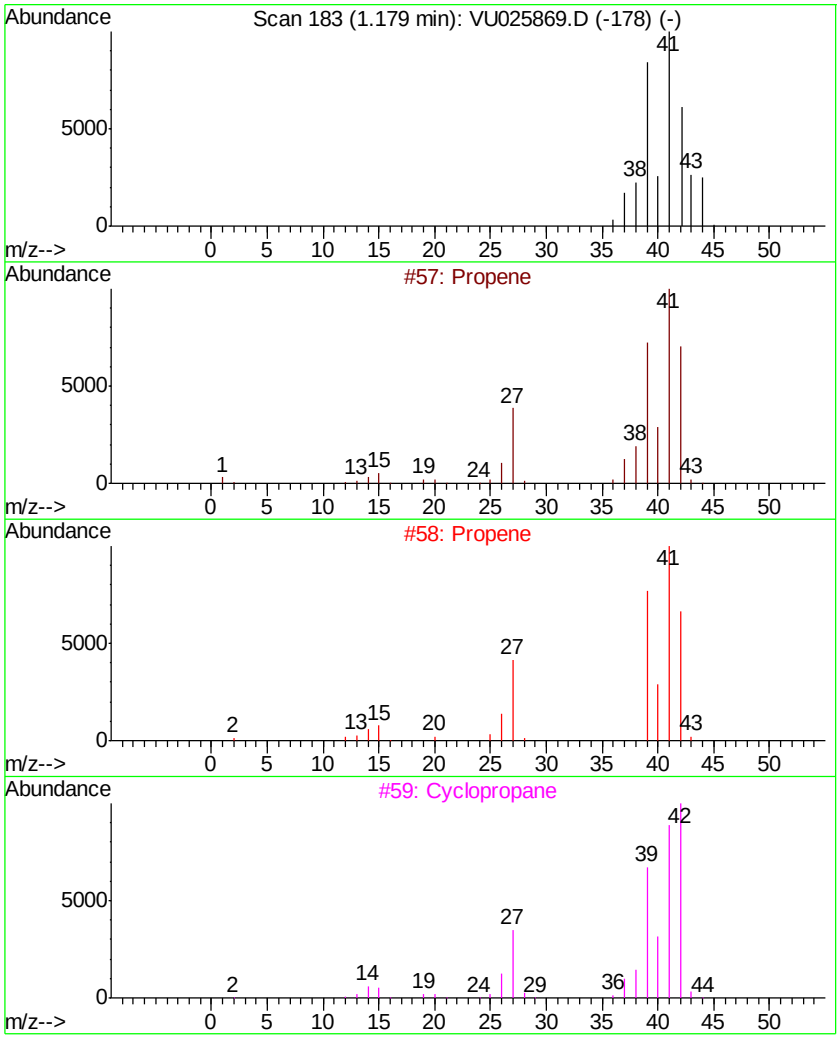
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

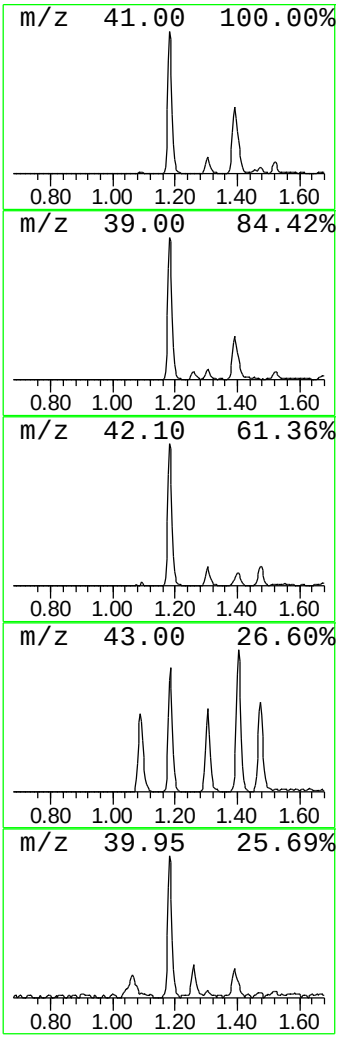
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	6.88 ug/L	97590	1,4-Difluorobenzene	5.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Propene	42	C3H6	000115-07-1	42
3	Cyclopropane	42	C3H6	000075-19-4	40
4	Cyclopropane	42	C3H6	000075-19-4	7
5	Cyclopropene	40	C3H4	002781-85-3	5





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...	1.18	6.9	ug/L	97590	1	5.89	709382	50.0