LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040619\
Data File : VU030774.D
Acq On : 06 Apr 2019 04:29
Operator : JC/SP
Sample : K2249-07DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE0DL

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\SOMULM040519WMA.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	22	27	38	rVB	101115	100944	5.22%	0.646%
2	1.251	46	50	56	rVB2	13415	12892	0.67%	0.083%
3	1.395	87	95	103	rBV	309377	341601	17.66%	2.187%
4	1.675	174	182	198	rVB	224430	296828	15.34%	1.900%
5	2.267	355	366	379	rBV2	478034	750149	38.78%	4.802%
6	2.440	412	420	440	rVB3	8331	20103	1.04%	0.129%
7	2.511	440	442	445	rVB3	1104	585	0.03%	0.004%
8	2.530	445	448	450	rBV2	752	503	0.03%	0.003%
9	2.627	472	478	479	rBV3	905	825	0.04%	0.005%
10	2.762	518	520	524	rVB2	836	515	0.03%	0.003%
11	2.791	524	529	530	rBV2	673	506	0.03%	0.003%
12	2.823	534	539	542	rVV3	1315	1399	0.07%	0.009%
13	2.839	542	544	550	rVB6	1843	1486	0.08%	0.010%
14	2.891	557	560	564	rBV4	1030	790	0.04%	0.005%
15	2.916	564	568	569	rVV2	738	515	0.03%	0.003%
16	2.929	569	572	575	rVV2	1045	670	0.03%	0.004%
17	2.981	577	588	601	rVV2	13265	25106	1.30%	0.161%
18	3.334	694	698	705	rVB2	911	1102	0.06%	0.007%
19	3.366	705	708	714	rBV4	606	741	0.04%	0.005%
20	3.440	714	731	749	rBV	115952	262814	13.59%	1.682%
21	3.736	821	823	829	rVB3	635	485	0.03%	0.003%
22	3.871	861	865	870	rBV3	853	708	0.04%	0.005%
23	3.987	896	901	904	rBV3	770	644	0.03%	0.004%
24	4.096	932	935	938	rBV	789	591	0.03%	0.004%
25	4.173	946	959	963	rBV	213439	412139	21.31%	2.638%
26	4.643	1089	1105	1132	rBV	295613	749777	38.76%	4.799%
27	4.810	1155	1157	1159	rVB2	1135	475	0.02%	0.003%
28	4.910	1171	1188	1208	rBV	269541	658067	34.02%	4.212%
29	5.109	1247	1250	1252	rBV2	733	507	0.03%	0.003%
30	5.180	1267	1272	1280	rVB3	1752	2487	0.13%	0.016%
31	5.334	1297	1320	1344	rBV2	656393	1934396	100.00%	12.382%
32	5.739	1441	1446	1448	rBV4	722	632	0.03%	0.004%
33	5.807	1460	1467	1469	rBV3	544	571	0.03%	0.004%
34	5.881	1477	1490	1519	rBV	552870	1120118	57.91%	7.170%

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Instrument : MSVOA_U
ClientSampleId : E3YE0DL

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\SOMULM040519WMA.M
Title : VOC Analysis

35	6.128	1564	1567	1571	rVB3	976	686	0.04%	0.004%
36	6.189	1575	1586	1596	rBV6	14292	27298	1.41%	0.175%
37	6.328	1613	1629	1649	rBV	432152	889407	45.98%	5.693%
38	6.550	1696	1698	1701	rVB3	1161	501	0.03%	0.003%
39	6.636	1722	1725	1730	rVB4	756	621	0.03%	0.004%
40	6.669	1731	1735	1738	rVB2	695	618	0.03%	0.004%
41	6.694	1738	1743	1746	rBV4	551	529	0.03%	0.003%
42	6.829	1778	1785	1789	rBV5	1101	1229	0.06%	0.008%
43	6.855	1789	1793	1796	rVB3	668	447	0.02%	0.003%
44	6.884	1798	1802	1809	rVB3	1079	1136	0.06%	0.007%
45	6.929	1814	1816	1824	rVB4	1265	1267	0.07%	0.008%
46	6.964	1824	1827	1829	rBV3	583	444	0.02%	0.003%
47	6.993	1831	1836	1839	rBV2	814	852	0.04%	0.005%
48	7.225	1893	1908	1928	rBV	223925	421198	21.77%	2.696%
49	7.443	1973	1976	1979	rBV3	957	741	0.04%	0.005%
50	7.562	1999	2013	2041	rBV	795811	1429475	73.90%	9.150%
51	7.771	2075	2078	2080	rBV3	771	446	0.02%	0.003%
52	7.849	2086	2102	2126	rBV	154865	290651	15.03%	1.860%
53	8.067	2166	2170	2172	rBV3	1233	1110	0.06%	0.007%
54	8.138	2189	2192	2195	rBV3	837	523	0.03%	0.003%
55	8.180	2199	2205	2209	rBV6	2247	2427	0.13%	0.016%
56	8.228	2209	2220	2234	rBV4	36548	66291	3.43%	0.424%
57	8.308	2234	2245	2284	rBV	591461	1133683	58.61%	7.257%
58	8.681	2358	2361	2364	rVB3	865	600	0.03%	0.004%
59	8.765	2382	2387	2390	rBV3	1066	1047	0.05%	0.007%
60	8.951	2443	2445	2453	rVB3	725	796	0.04%	0.005%
61	9.086	2474	2487	2527	rBV	804912	1397888	72.26%	8.948%
62	9.292	2546	2551	2554	rBV2	923	741	0.04%	0.005%
63	9.315	2554	2558	2563	rVV6	617	658	0.03%	0.004%
64	9.344	2564	2567	2574	rVB4	1297	1231	0.06%	0.008%
65	9.604	2645	2648	2653	rVB3	647	505	0.03%	0.003%
66	9.672	2665	2669	2671	rVV	853	645	0.03%	0.004%
67	9.704	2675	2679	2684	rBV3	688	736	0.04%	0.005%
68	9.762	2691	2697	2699	rBV5	990	963	0.05%	0.006%
69	9.980	2760	2765	2771	rBV5	1346	1641	0.08%	0.011%
70	10.012	2771	2775	2778	rVB3	718	601	0.03%	0.004%
71	10.128	2805	2811	2815	rBV3	654	645	0.03%	0.004%

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Sample : K2249-07DL 5X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE0DL

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\SOMULM040519WMA.M
Title : VOC Analysis

72	10.225	2834	2841	2843	rBV2	1507	1521	0.08%	0.010%
73	10.363	2881	2884	2888	rVB5	734	513	0.03%	0.003%
74	10.427	2888	2904	2934	rBV	568458	936578	48.42%	5.995%
75	10.675	2977	2981	2984	rBV3	701	504	0.03%	0.003%
76	10.874	3039	3043	3045	rVV2	852	682	0.04%	0.004%
77	10.935	3056	3062	3063	rBV2	772	741	0.04%	0.005%
78	10.984	3072	3077	3082	rVB2	860	822	0.04%	0.005%
79	11.019	3085	3088	3092	rBV2	521	451	0.02%	0.003%
80	11.067	3099	3103	3105	rBV3	867	651	0.03%	0.004%
81	11.244	3153	3158	3161	rVB3	569	465	0.02%	0.003%
82	11.373	3195	3198	3202	rVB2	842	699	0.04%	0.004%
83	11.398	3202	3206	3209	rVB3	774	688	0.04%	0.004%
84	11.421	3209	3213	3214	rBV2	1372	973	0.05%	0.006%
85	11.479	3220	3231	3254	rBV	694795	1140510	58.96%	7.300%
86	11.749	3313	3315	3319	rBV2	885	509	0.03%	0.003%
87	11.855	3336	3348	3371	rBV	659995	1142646	59.07%	7.314%
88	12.520	3552	3555	3558	rVB2	791	572	0.03%	0.004%
89	12.543	3558	3562	3565	rBV3	656	718	0.04%	0.005%
90	12.633	3587	3590	3595	rVB3	992	773	0.04%	0.005%
91	12.993	3698	3702	3705	rBV2	848	747	0.04%	0.005%
92	13.154	3746	3752	3755	rVB3	1059	1226	0.06%	0.008%
93	13.350	3809	3813	3814	rBV2	837	595	0.03%	0.004%
94	13.569	3876	3881	3883	rBV3	899	904	0.05%	0.006%
95	13.636	3896	3902	3903	rBV3	990	904	0.05%	0.006%
96	14.141	4057	4059	4066	rVB4	1229	978	0.05%	0.006%
97	14.263	4095	4097	4101	rVB3	1237	720	0.04%	0.005%
98	14.286	4101	4104	4113	rBV7	954	1411	0.07%	0.009%
99	14.485	4163	4166	4167	rBV2	1158	626	0.03%	0.004%
100	15.163	4372	4377	4380	rBV2	1435	1498	0.08%	0.010%

Sum of corrected areas: 15622573

LSC Report - Integrated Chromatogram

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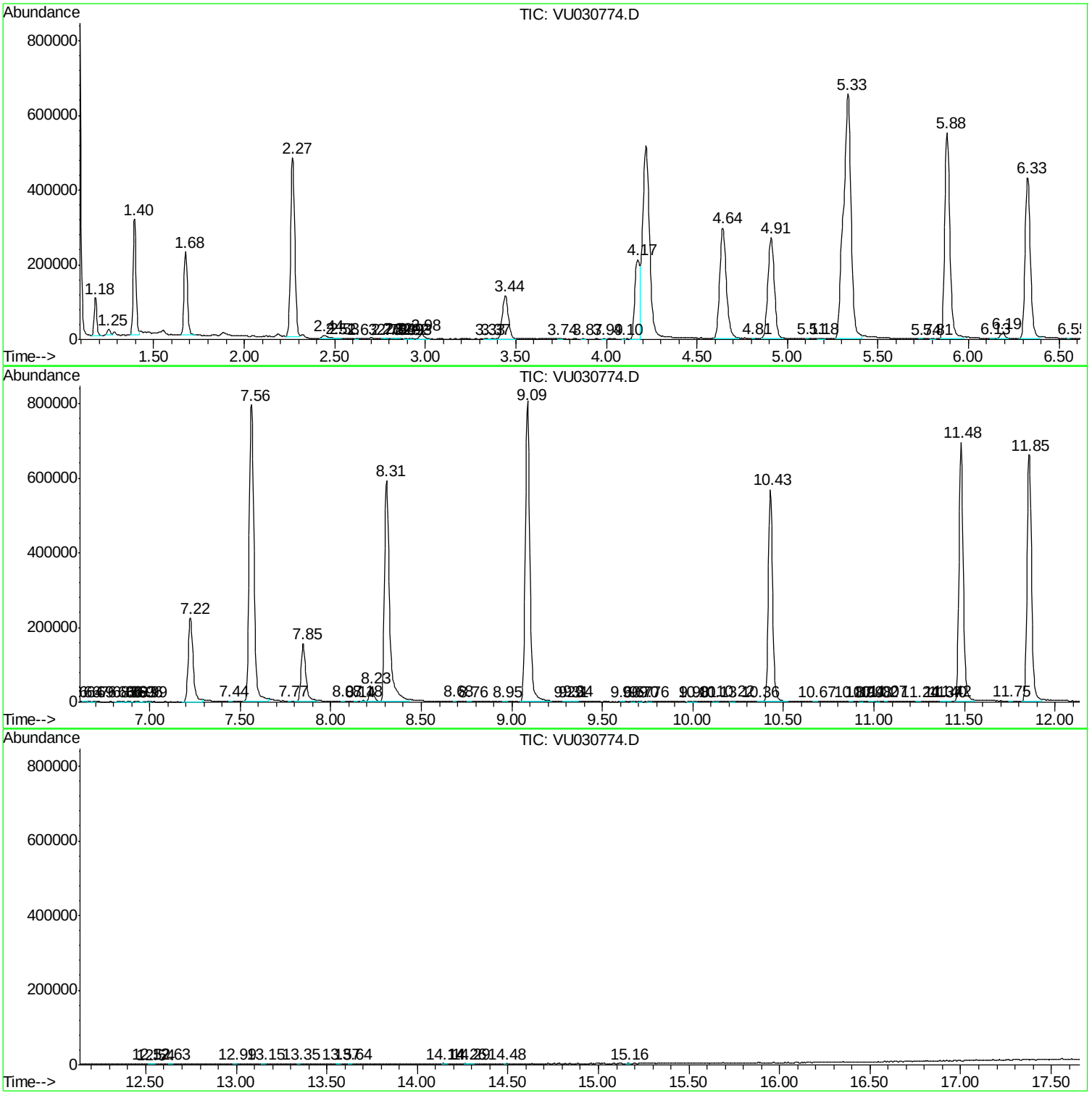
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE0DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.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\VU040619\
Data File : VU030774.D
Acq On : 06 Apr 2019 04:29
Operator : JC/SP
Sample : K2249-07DL 5X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : E3YE0DL

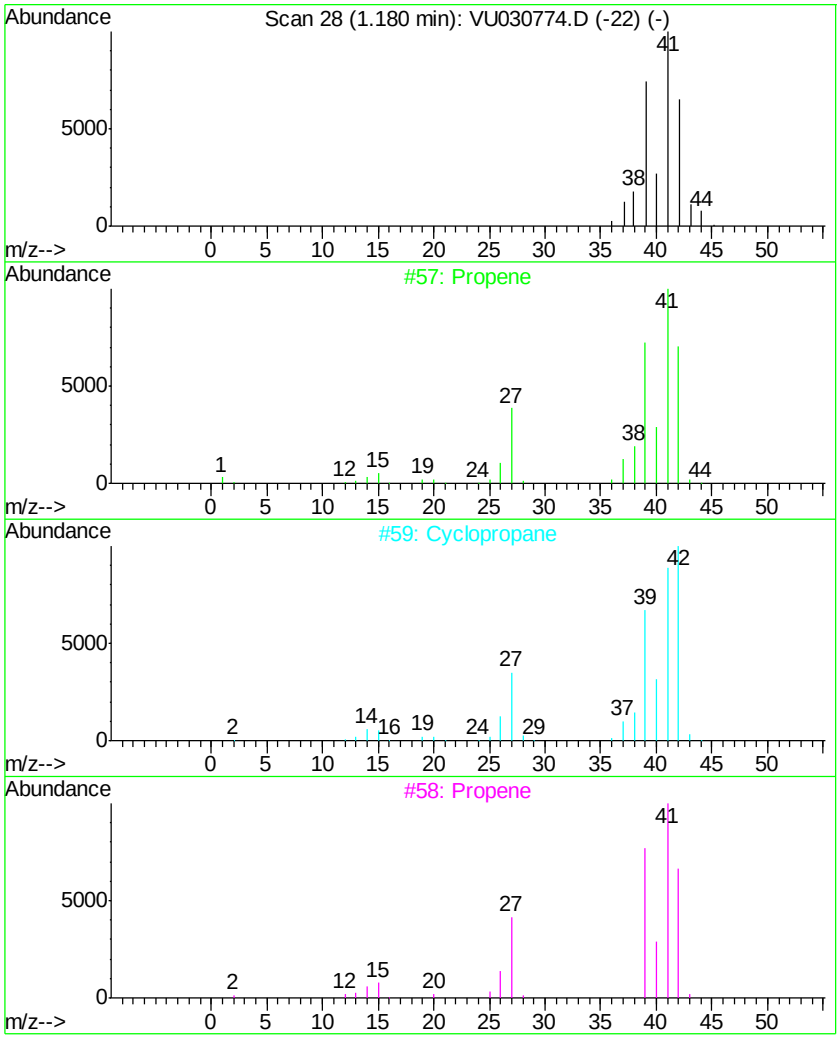
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040519WMA.M
Quant Title : VOC Analysis

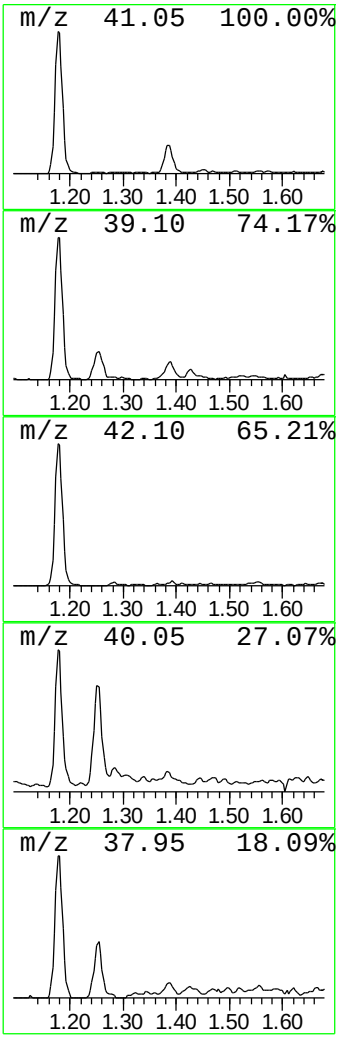
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.18	4.51 ug/L	100944	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	90
2	Cyclopropane	42	C3H6	000075-19-4	83
3	Propene	42	C3H6	000115-07-1	56
4	Cyclopropane	42	C3H6	000075-19-4	10
5	Cyclopropane	42	C3H6	000075-19-4	9





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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	4.5	ug/L	100944	1	5.88	1120120	50.0