LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051019\
Data File : VU031914.D
Acq On : 11 May 2019 01:27
Operator : JC/SP
Sample : K2814-02 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4247

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\SOMULM042719WMA.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	1.180	23	28	36	rBV	24489	27185	0.01%	0.008%
2	1.396	88	95	107	rBV	541995	568348	0.18%	0.160%
3	1.672	173	181	198	rVB	421970	555866	0.17%	0.156%
4	2.267	355	366	375	rBV	835975	1301522	0.40%	0.366%
5	2.318	375	382	403	rVB	687844	1200285	0.37%	0.338%
6	2.518	406	444	533	rBV3	72763448	322083673	100.00%	90.595%
7	4.074	926	928	932	rBV4	1587	800	0.00%	0.000%
8	4.174	947	959	1001	rBV	408666	1178985	0.37%	0.332%
9	4.643	1087	1105	1128	rBV	685245	1604954	0.50%	0.451%
10	5.132	1255	1257	1260	rVB4	1442	898	0.00%	0.000%
11	5.334	1296	1320	1353	rBV2	1401697	4182185	1.30%	1.176%
12	5.801	1463	1465	1468	rBV4	1175	937	0.00%	0.000%
13	5.881	1477	1490	1524	rBV	1250837	2558761	0.79%	0.720%
14	6.183	1572	1584	1609	rVB3	161760	338352	0.11%	0.095%
15	6.325	1615	1628	1651	rBV	942197	1900696	0.59%	0.535%
16	6.598	1710	1713	1717	rBV5	1728	1084	0.00%	0.000%
17	6.939	1816	1819	1824	rBV6	1140	1297	0.00%	0.000%
18	7.100	1865	1869	1872	rBV4	1149	937	0.00%	0.000%
19	7.225	1896	1908	1933	rBV	454954	856394	0.27%	0.241%
20	7.460	1978	1981	1986	rBV6	1190	1028	0.00%	0.000%
21	7.563	2000	2013	2038	rBV	1673617	3064830	0.95%	0.862%
22	7.845	2091	2101	2118	rBV	319118	567797	0.18%	0.160%
23	8.087	2174	2176	2180	rBV4	998	622	0.00%	0.000%
24	8.128	2186	2189	2192	rBV5	1437	901	0.00%	0.000%
25	8.145	2192	2194	2196	rBV3	1369	795	0.00%	0.000%
26	8.170	2196	2202	2204	rVV5	4185	4468	0.00%	0.001%
27	8.225	2208	2219	2233	rVV2	162084	287002	0.09%	0.081%
28	8.309	2234	2245	2296	rVB	1348340	2541692	0.79%	0.715%
29	8.775	2388	2390	2396	rBV6	1205	909	0.00%	0.000%
30	8.842	2407	2411	2417	rVB7	1770	1699	0.00%	0.000%
31	8.871	2418	2420	2423	rVB3	1019	535	0.00%	0.000%
32	8.894	2425	2427	2429	rBV2	1004	582	0.00%	0.000%
33	8.926	2434	2437	2441	rBV3	1147	978	0.00%	0.000%
34	8.948	2441	2444	2448	rVV4	1270	1131	0.00%	0.000%

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Operator : JC/SP
Sample : K2814-02 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4247

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\SOMULM042719WMA.M
Title : VOC Analysis

35	8.987	2452	2456	2459	rBV5	1157	1007	0.00%	0.000%
36	9.087	2473	2487	2530	rBV	1840227	3250113	1.01%	0.914%
37	9.366	2571	2574	2576	rBV3	1303	913	0.00%	0.000%
38	9.440	2593	2597	2599	rBV4	1116	1050	0.00%	0.000%
39	9.492	2609	2613	2618	rBV2	3222	3908	0.00%	0.001%
40	9.562	2632	2635	2637	rBV3	2095	1417	0.00%	0.000%
41	9.681	2669	2672	2675	rVB4	1495	1025	0.00%	0.000%
42	9.701	2675	2678	2679	rBV3	876	480	0.00%	0.000%
43	9.762	2694	2697	2700	rBV5	1307	899	0.00%	0.000%
44	9.810	2710	2712	2717	rVB5	910	689	0.00%	0.000%
45	9.836	2717	2720	2722	rBV3	904	570	0.00%	0.000%
46	9.952	2752	2756	2760	rBV6	1129	1170	0.00%	0.000%
47	10.061	2786	2790	2797	rBV7	1642	2080	0.00%	0.001%
48	10.164	2819	2822	2826	rBV6	1983	1384	0.00%	0.000%
49	10.244	2845	2847	2855	rVV7	1399	1792	0.00%	0.001%
50	10.427	2890	2904	2929	rBV	1357544	2205609	0.68%	0.620%
51	10.514	2929	2931	2938	rVB6	1972	2002	0.00%	0.001%
52	10.604	2955	2959	2963	rBV4	3296	2913	0.00%	0.001%
53	10.733	2996	2999	3000	rBV	1267	728	0.00%	0.000%
54	10.781	3012	3014	3019	rBV4	801	565	0.00%	0.000%
55	10.823	3024	3027	3030	rVB4	1009	681	0.00%	0.000%
56	10.868	3036	3041	3045	rBV4	1493	1470	0.00%	0.000%
57	10.894	3047	3049	3054	rVB5	1419	813	0.00%	0.000%
58	10.955	3063	3068	3069	rBV	1024	612	0.00%	0.000%
59	10.993	3078	3080	3084	rVB3	1014	666	0.00%	0.000%
60	11.019	3084	3088	3090	rBV2	1397	985	0.00%	0.000%
61	11.045	3092	3096	3098	rBV3	1279	871	0.00%	0.000%
62	11.083	3105	3108	3112	rVB4	2337	1716	0.00%	0.000%
63	11.209	3137	3147	3149	rBV4	1827	2750	0.00%	0.001%
64	11.260	3159	3163	3165	rBV3	2037	1689	0.00%	0.000%
65	11.308	3175	3178	3181	rBV4	755	658	0.00%	0.000%
66	11.328	3181	3184	3187	rVB2	1774	1149	0.00%	0.000%
67	11.353	3190	3192	3195	rBV3	896	542	0.00%	0.000%
68	11.386	3199	3202	3206	rBV3	691	624	0.00%	0.000%
69	11.418	3206	3212	3217	rVB9	1896	2197	0.00%	0.001%
70	11.479	3217	3231	3264	rBV	1530444	2533687	0.79%	0.713%
71	11.855	3335	3348	3378	rBV	1533960	2596332	0.81%	0.730%

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Operator : JC/SP
Sample : K2814-02 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4247

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\SOMULM042719WMA.M
Title : VOC Analysis

72	12.305	3484	3488	3493	rVB7	1929	1918	0.00%	0.001%
73	12.485	3536	3544	3552	rVB4	5472	8713	0.00%	0.002%
74	12.543	3559	3562	3566	rBV5	1319	1118	0.00%	0.000%
75	12.662	3597	3599	3604	rVB4	1316	861	0.00%	0.000%
76	12.807	3640	3644	3646	rBV2	734	525	0.00%	0.000%
77	12.900	3666	3673	3678	rBV10	4508	5993	0.00%	0.002%
78	12.996	3700	3703	3707	rBV4	1182	928	0.00%	0.000%
79	13.025	3707	3712	3718	rVB6	1428	1602	0.00%	0.000%
80	13.106	3734	3737	3741	rBV3	1064	719	0.00%	0.000%
81	13.141	3745	3748	3750	rBV4	1045	678	0.00%	0.000%
82	13.292	3793	3795	3798	rBV3	895	479	0.00%	0.000%
83	13.488	3853	3856	3859	rBV4	1127	694	0.00%	0.000%
84	13.514	3862	3864	3870	rVB4	1781	1377	0.00%	0.000%
85	13.556	3874	3877	3879	rBV3	1321	769	0.00%	0.000%
86	13.627	3892	3899	3903	rBV6	1609	2176	0.00%	0.001%
87	13.768	3940	3943	3946	rBV3	1729	1039	0.00%	0.000%
88	13.816	3956	3958	3960	rBV2	799	476	0.00%	0.000%
89	13.942	3994	3997	4002	rBV5	1509	1474	0.00%	0.000%
90	14.003	4014	4016	4018	rBV2	1073	604	0.00%	0.000%
91	14.225	4083	4085	4088	rVB2	1802	799	0.00%	0.000%
92	14.241	4088	4090	4092	rBV	1104	622	0.00%	0.000%
93	14.270	4095	4099	4110	rVB5	3359	5358	0.00%	0.002%
94	14.430	4144	4149	4150	rBV3	1609	1292	0.00%	0.000%
95	14.540	4177	4183	4187	rBV	4813	5872	0.00%	0.002%
96	14.588	4195	4198	4201	rBV4	2505	1520	0.00%	0.000%
97	14.607	4202	4204	4206	rVV	2038	988	0.00%	0.000%
98	14.656	4216	4219	4222	rBV2	3042	2171	0.00%	0.001%
99	14.836	4271	4275	4281	rBV3	2853	2620	0.00%	0.001%
100	14.865	4281	4284	4289	rBV4	1959	1759	0.00%	0.000%

Sum of corrected areas: 355521028

LSC Report - Integrated Chromatogram

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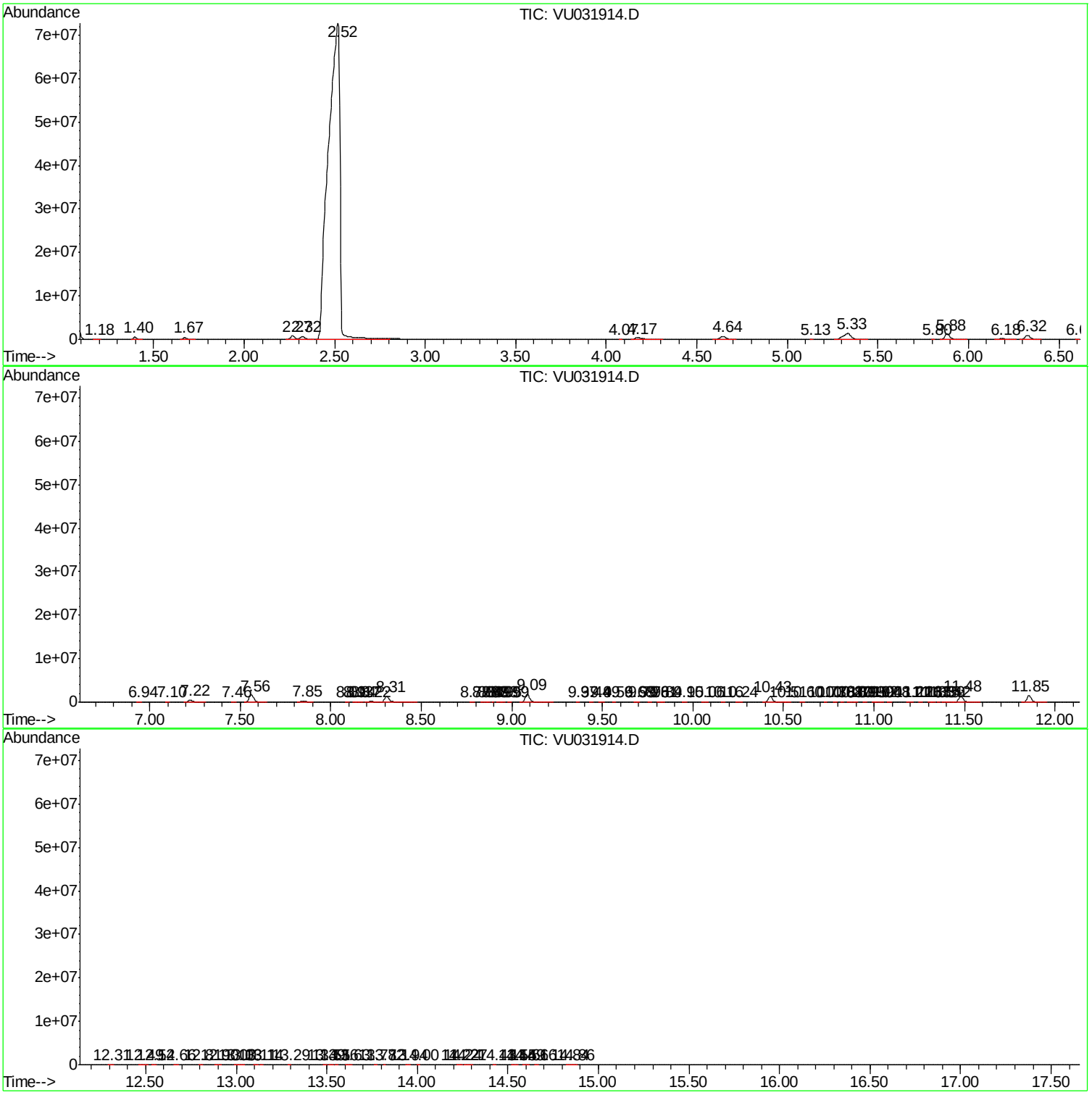
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4247

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.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\VU051019\
Data File : VU031914.D
Acq On : 11 May 2019 01:27
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Sample : K2814-02 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : A4247

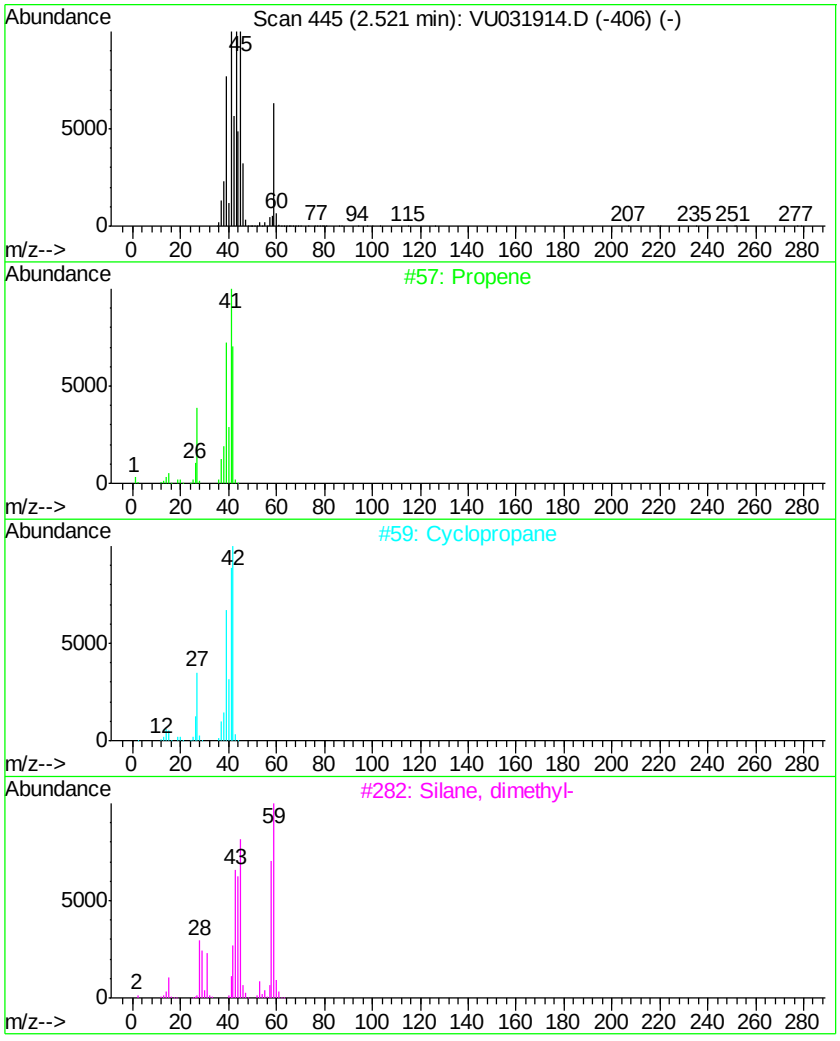
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

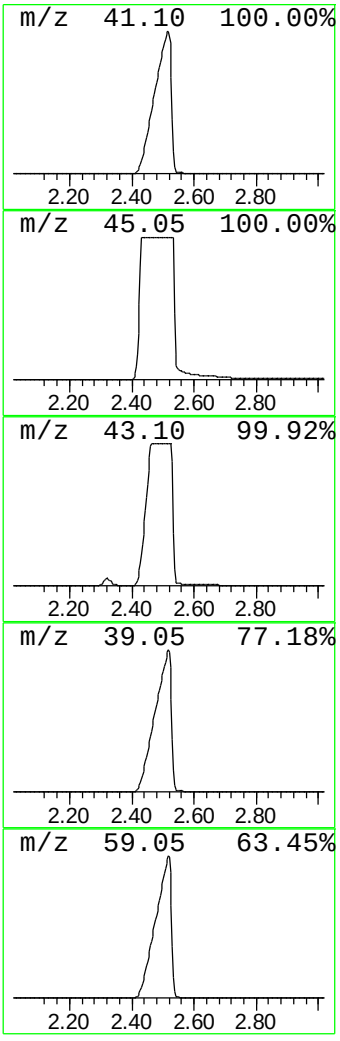
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.52	6293.74 ug/L	322084000	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	53
2	Cyclopropane	42	C3H6	000075-19-4	33
3	Silane, dimethyl-	60	C2H8Si	001111-74-6	10
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	10
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	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: Str...	2.52	6293.7	ug/L	322084000	1	5.88	2558760	50.0