LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
Data File : VU031619.D
Acq On : 30 Apr 2019 04:42
Operator : JC/SP
Sample : K2593-08 50X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0WZ4

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	25	28	34	rVB2	15257	12944	0.01%	0.006%
2	1.299	59	65	76	rBV	112244	117212	0.06%	0.051%
3	1.395	88	95	111	rVB	495899	539478	0.26%	0.233%
4	1.678	176	183	197	rBV	354079	450651	0.22%	0.195%
5	1.881	240	246	260	rVB	62412	88020	0.04%	0.038%
6	2.270	356	367	381	rVB	753472	1165157	0.56%	0.503%
7	2.466	424	428	431	rBV3	1734	1591	0.00%	0.001%
8	2.701	487	501	527	rVB	197526	372222	0.18%	0.161%
9	2.833	537	542	549	rVB4	2382	2447	0.00%	0.001%
10	2.939	573	575	578	rVB3	1405	744	0.00%	0.000%
11	2.984	578	589	600	rBV3	24597	49744	0.02%	0.021%
12	3.090	620	622	626	rVB3	2138	1252	0.00%	0.001%
13	3.135	633	636	639	rVV2	1080	768	0.00%	0.000%
14	3.180	645	650	654	rVV2	1163	1149	0.00%	0.000%
15	3.318	691	693	698	rVB4	1323	791	0.00%	0.000%
16	3.383	711	713	718	rVB3	1440	1104	0.00%	0.000%
17	3.508	749	752	757	rVV4	1379	1099	0.00%	0.000%
18	3.540	757	762	765	rBV3	1050	813	0.00%	0.000%
19	3.572	765	772	774	rBV3	1072	956	0.00%	0.000%
20	3.659	794	799	804	rVB3	1173	1505	0.00%	0.001%
21	3.694	808	810	813	rBV3	854	742	0.00%	0.000%
22	3.711	813	815	820	rVV2	1130	967	0.00%	0.000%
23	3.739	820	824	829	rVB2	1301	1490	0.00%	0.001%
24	3.833	850	853	857	rVB2	1151	720	0.00%	0.000%
25	3.923	874	881	885	rBV3	1372	1989	0.00%	0.001%
26	3.977	895	898	901	rBV3	1237	695	0.00%	0.000%
27	4.000	901	905	909	rVB2	1749	1419	0.00%	0.001%
28	4.029	909	914	916	rBV2	1300	787	0.00%	0.000%
29	4.058	920	923	928	rVB3	2060	1664	0.00%	0.001%
30	4.083	928	931	934	rBV3	1267	876	0.00%	0.000%
31	4.100	934	936	939	rBV3	1218	858	0.00%	0.000%
32	4.215	951	972	1004	rBV2	487972	1866790	0.90%	0.806%
33	4.643	1090	1105	1129	rBV	515824	1223041	0.59%	0.528%
34	4.942	1196	1198	1202	rVB5	1227	712	0.00%	0.000%

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Instrument : MSVOA_U
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Peak separation: 5

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

35	4.971	1204	1207	1214	rBV2	1730	1786	0.00%	0.001%
36	5.042	1227	1229	1235	rVB4	1270	989	0.00%	0.000%
37	5.077	1235	1240	1245	rBV3	1242	1085	0.00%	0.000%
38	5.116	1249	1252	1255	rVV2	1172	797	0.00%	0.000%
39	5.180	1269	1272	1278	rVB5	1098	1056	0.00%	0.000%
40	5.231	1285	1288	1292	rVB2	1216	1071	0.00%	0.000%
41	5.334	1298	1320	1365	rBV2	1047480	3207072	1.54%	1.385%
42	5.810	1461	1468	1470	rBV6	1165	1297	0.00%	0.001%
43	5.839	1474	1477	1478	rBV2	1225	771	0.00%	0.000%
44	5.884	1478	1491	1510	rBV	792351	1622891	0.78%	0.701%
45	6.189	1565	1586	1619	rBV5	102635716	207836824	100.00%	89.752%
46	6.874	1797	1799	1802	rBV5	1426	769	0.00%	0.000%
47	7.035	1846	1849	1851	rBV3	1268	715	0.00%	0.000%
48	7.067	1857	1859	1864	rVB6	1642	902	0.00%	0.000%
49	7.225	1896	1908	1934	rBV	360983	676993	0.33%	0.292%
50	7.434	1969	1973	1974	rBV4	2184	1482	0.00%	0.001%
51	7.469	1976	1984	1993	rVV3	21984	38146	0.02%	0.016%
52	7.562	2000	2013	2026	rBV	1245546	2190114	1.05%	0.946%
53	7.633	2027	2035	2053	rVB	250748	477699	0.23%	0.206%
54	7.849	2091	2102	2121	rBV	239322	438545	0.21%	0.189%
55	8.061	2165	2168	2172	rBV5	1739	1601	0.00%	0.001%
56	8.167	2198	2201	2204	rBV2	1746	1283	0.00%	0.001%
57	8.225	2208	2219	2235	rVV2	211724	377222	0.18%	0.163%
58	8.312	2236	2246	2282	rVV	992374	1934122	0.93%	0.835%
59	8.636	2344	2347	2349	rBV3	1475	992	0.00%	0.000%
60	8.900	2421	2429	2432	rBV6	2102	2914	0.00%	0.001%
61	8.984	2452	2455	2460	rVB5	1317	1040	0.00%	0.000%
62	9.086	2472	2487	2527	rBV	1184722	2103881	1.01%	0.909%
63	9.350	2567	2569	2571	rBV3	1489	789	0.00%	0.000%
64	9.376	2571	2577	2589	rVV3	9374	17549	0.01%	0.008%
65	9.717	2680	2683	2687	rBV4	1437	976	0.00%	0.000%
66	9.781	2699	2703	2716	rVB6	5816	7785	0.00%	0.003%
67	9.955	2755	2757	2763	rBV5	977	979	0.00%	0.000%
68	10.054	2782	2788	2789	rBV3	895	806	0.00%	0.000%
69	10.128	2809	2811	2815	rBV3	1050	818	0.00%	0.000%
70	10.202	2832	2834	2838	rVB3	1315	946	0.00%	0.000%
71	10.263	2850	2853	2855	rBV	1115	783	0.00%	0.000%

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Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0WZ4

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	10.295	2860	2863	2865	rBV3	1336	759	0.00%	0.000%
73	10.315	2865	2869	2873	rBV4	1292	1103	0.00%	0.000%
74	10.337	2873	2876	2878	rBV2	1340	790	0.00%	0.000%
75	10.427	2889	2904	2925	rBV	898093	1463164	0.70%	0.632%
76	10.578	2948	2951	2954	rBV2	1189	874	0.00%	0.000%
77	10.733	2994	2999	3011	rBV9	4813	8400	0.00%	0.004%
78	10.887	3044	3047	3050	rBV	1360	890	0.00%	0.000%
79	10.922	3054	3058	3060	rBV2	1512	1358	0.00%	0.001%
80	11.340	3185	3188	3191	rBV3	1454	945	0.00%	0.000%
81	11.373	3194	3198	3203	rBV4	1331	1360	0.00%	0.001%
82	11.479	3217	3231	3253	rBV	933889	1533174	0.74%	0.662%
83	11.855	3335	3348	3372	rBV	983650	1664394	0.80%	0.719%
84	12.334	3493	3497	3498	rBV3	1000	820	0.00%	0.000%
85	12.453	3530	3534	3536	rBV3	2016	1497	0.00%	0.001%
86	12.569	3567	3570	3573	rBV3	1591	1234	0.00%	0.001%
87	12.617	3582	3585	3589	rBV4	1731	1278	0.00%	0.001%
88	12.755	3625	3628	3631	rBV	1385	1090	0.00%	0.000%
89	12.903	3669	3674	3679	rBV7	2172	2123	0.00%	0.001%
90	13.048	3715	3719	3723	rBV4	1683	1787	0.00%	0.001%
91	13.151	3749	3751	3755	rBV4	1162	788	0.00%	0.000%
92	13.369	3817	3819	3821	rBV2	1401	798	0.00%	0.000%
93	13.662	3905	3910	3912	rBV2	1731	1690	0.00%	0.001%
94	13.807	3953	3955	3958	rVB	1401	762	0.00%	0.000%
95	13.996	4011	4014	4017	rBV4	1467	992	0.00%	0.000%
96	14.327	4114	4117	4128	rVB4	2058	2743	0.00%	0.001%
97	14.543	4182	4184	4185	rBV	1713	785	0.00%	0.000%
98	14.620	4204	4208	4211	rVB3	1900	1494	0.00%	0.001%
99	14.935	4304	4306	4308	rBV3	1711	844	0.00%	0.000%
100	16.044	4648	4651	4654	rBV3	3485	2812	0.00%	0.001%

Sum of corrected areas: 231568635

LSC Report - Integrated Chromatogram

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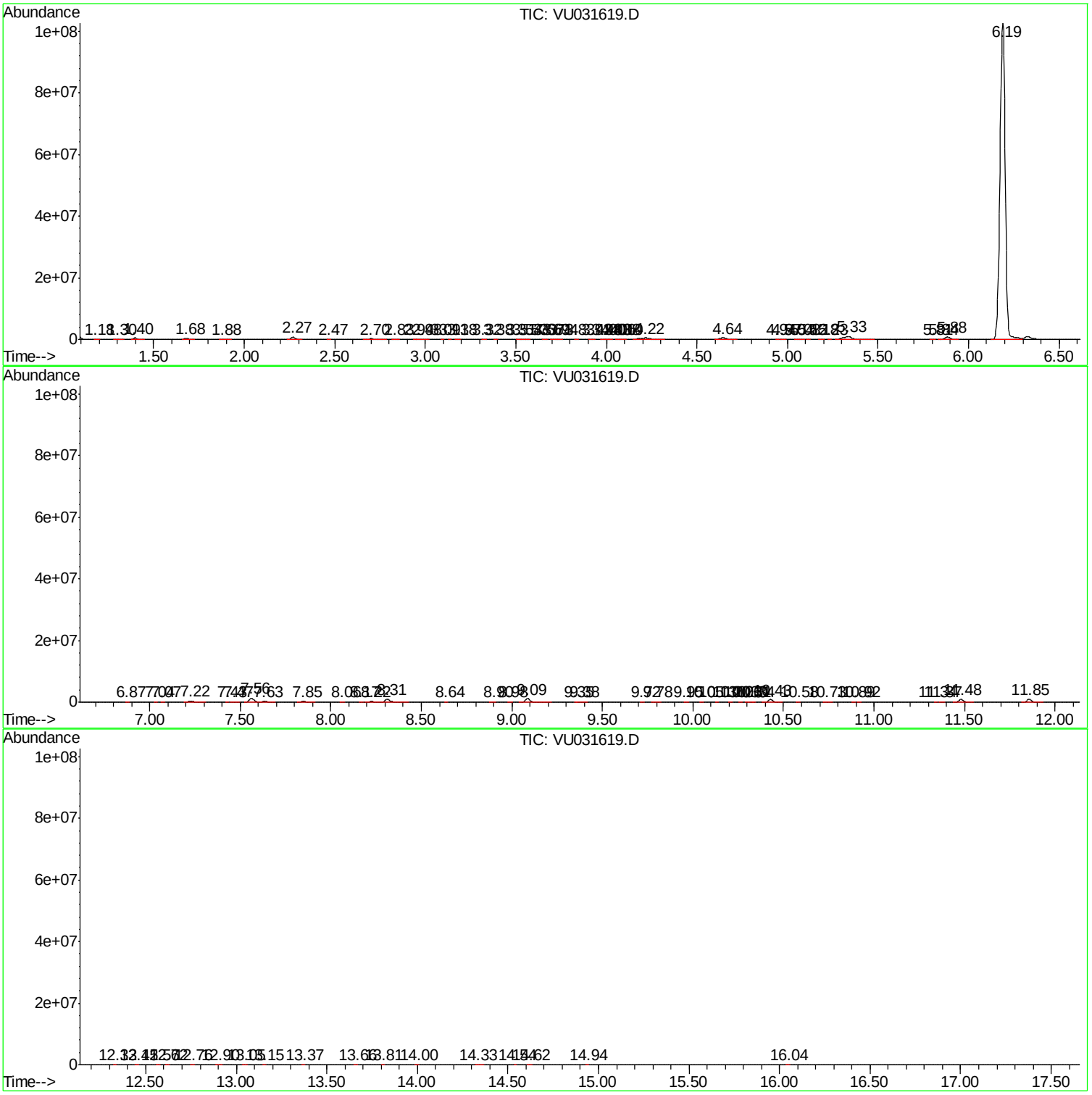
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0WZ4

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\VU042919\
Data File : VU031619.D
Acq On : 30 Apr 2019 04:42
Operator : JC/SP
Sample : K2593-08 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 52 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0WZ4

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

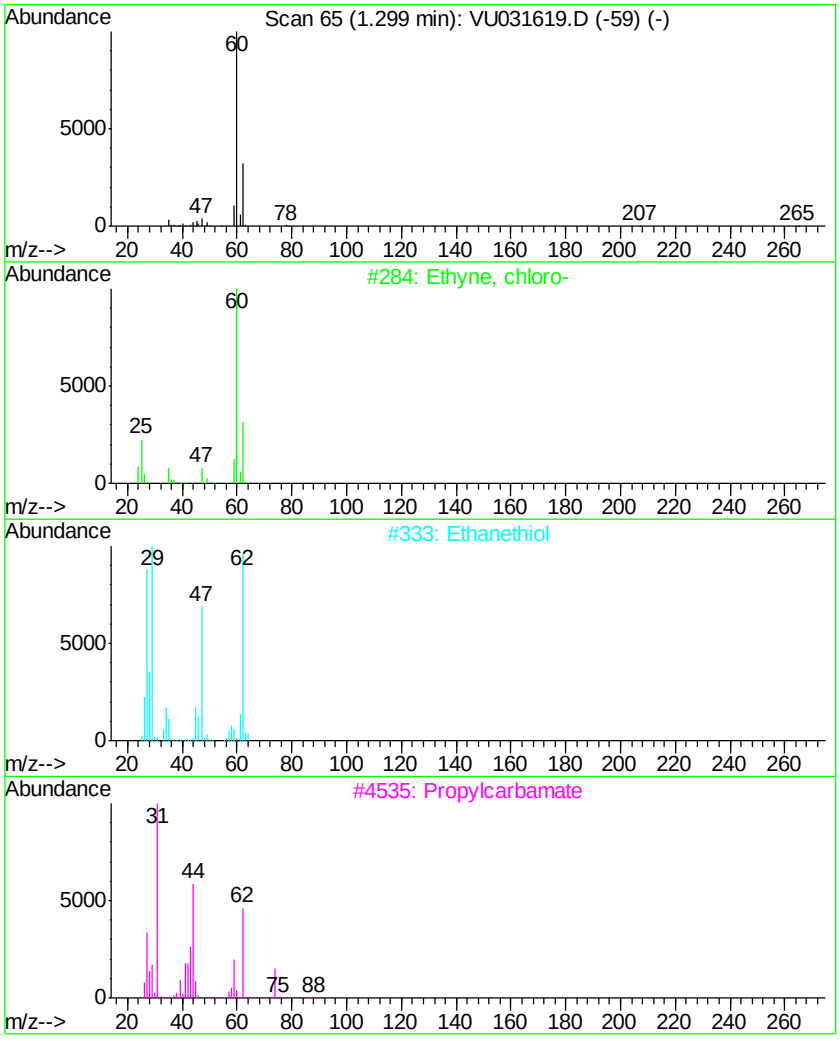
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

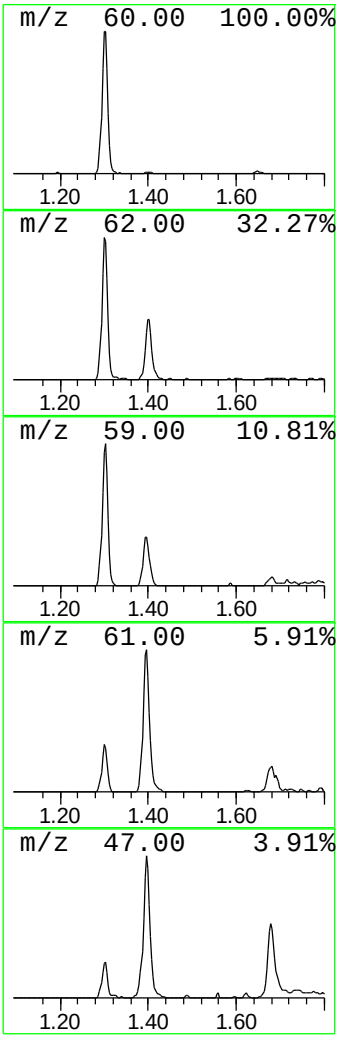
****

Peak Number 1 Ethyne, chloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.30	3.61 ug/L	117212	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyne, chloro-	60	C2HCl	000593-63-5	91
2	Ethanethiol	62	C2H6S	000075-08-1	9
3	Propylcarbamate	103	C4H9NO2	000627-12-3	9
4	Thiirane	60	C2H4S	000420-12-2	7
5	Ethene, chloro-	62	C2H3Cl	000075-01-4	7





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
Ethyne, chloro-	1.30	3.6	ug/L	117212	1	5.88	1622890	50.0