

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051019\
 Data File : VU031895.D
 Acq On : 10 May 2019 17:57
 Operator : JC/SP
 Sample : K2705-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B50

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 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	1.302	60	66	79	rVB	170813	178688	4.04%	0.537%
2	1.396	88	95	107	rBV	615635	650185	14.69%	1.953%
3	1.672	173	181	200	rVB	444181	605303	13.68%	1.818%
4	2.267	355	366	378	rBV	956250	1446911	32.69%	4.346%
5	2.447	414	422	437	rBV	38370	72753	1.64%	0.219%
6	2.521	443	445	449	rBV3	1897	1326	0.03%	0.004%
7	2.614	470	474	476	rBV4	1369	1249	0.03%	0.004%
8	2.688	494	497	499	rBV3	2390	1596	0.04%	0.005%
9	2.833	524	542	560	rBV	53440	118068	2.67%	0.355%
10	2.971	581	585	587	rVV4	1216	931	0.02%	0.003%
11	2.994	589	592	598	rVB7	1744	1915	0.04%	0.006%
12	3.084	617	620	623	rBV2	1190	858	0.02%	0.003%
13	3.103	623	626	629	rVB2	1224	683	0.02%	0.002%
14	3.177	642	649	650	rBV3	2608	2438	0.06%	0.007%
15	3.212	658	660	664	rVB5	1324	914	0.02%	0.003%
16	3.235	664	667	675	rVB5	1741	2270	0.05%	0.007%
17	3.367	704	708	711	rVV2	1641	1447	0.03%	0.004%
18	3.402	717	719	722	rVV2	1191	893	0.02%	0.003%
19	3.421	722	725	730	rVB4	1013	953	0.02%	0.003%
20	3.486	742	745	747	rVV4	904	671	0.02%	0.002%
21	3.511	751	753	760	rVV4	946	808	0.02%	0.002%
22	3.543	760	763	767	rVB2	968	741	0.02%	0.002%
23	3.669	798	802	805	rBV	948	576	0.01%	0.002%
24	3.688	805	808	812	rBV2	851	627	0.01%	0.002%
25	3.752	824	828	832	rBV3	857	803	0.02%	0.002%
26	3.881	866	868	874	rVB3	729	653	0.01%	0.002%
27	3.987	895	901	905	rBV6	1518	1704	0.04%	0.005%
28	4.026	905	913	915	rBV5	699	867	0.02%	0.003%
29	4.042	915	918	923	rVB4	578	605	0.01%	0.002%
30	4.113	937	940	942	rBV2	1178	752	0.02%	0.002%
31	4.174	945	959	992	rBV	427376	1182180	26.71%	3.551%
32	4.498	1057	1060	1065	rBV5	1264	1229	0.03%	0.004%
33	4.643	1088	1105	1137	rBV	716898	1702558	38.46%	5.114%
34	4.949	1197	1200	1203	rBV5	1853	1173	0.03%	0.004%

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 Title : VOC Analysis

35	5.093	1241	1245	1247	rBV4	1104	837	0.02%	0.003%
36	5.135	1253	1258	1262	rBV6	918	1080	0.02%	0.003%
37	5.334	1295	1320	1358	rBV2	1460683	4426298	100.00%	13.296%
38	5.707	1434	1436	1438	rBV3	1134	682	0.02%	0.002%
39	5.881	1476	1490	1517	rBV	1236530	2547158	57.55%	7.651%
40	6.177	1573	1582	1601	rVB4	22496	47902	1.08%	0.144%
41	6.325	1614	1628	1654	rBV	978482	2015555	45.54%	6.055%
42	6.550	1696	1698	1700	rBV3	1710	919	0.02%	0.003%
43	6.865	1791	1796	1799	rVB6	1417	1100	0.02%	0.003%
44	6.884	1799	1802	1804	rBV3	2025	1331	0.03%	0.004%
45	6.997	1833	1837	1841	rVB5	900	577	0.01%	0.002%
46	7.125	1872	1877	1880	rVB5	819	728	0.02%	0.002%
47	7.151	1880	1885	1888	rBV3	841	692	0.02%	0.002%
48	7.225	1893	1908	1935	rBV	487802	930669	21.03%	2.796%
49	7.563	1997	2013	2033	rBV	1793906	3261131	73.68%	9.796%
50	7.846	2090	2101	2125	rBV	347982	627989	14.19%	1.886%
51	8.083	2171	2175	2179	rBV5	1311	1212	0.03%	0.004%
52	8.125	2185	2188	2191	rBV3	1264	935	0.02%	0.003%
53	8.180	2195	2205	2215	rVV2	13268	25169	0.57%	0.076%
54	8.231	2217	2221	2228	rVB6	2402	2249	0.05%	0.007%
55	8.309	2234	2245	2283	rBV	1333657	2559448	57.82%	7.688%
56	8.759	2383	2385	2390	rVB5	1611	1096	0.02%	0.003%
57	8.784	2390	2393	2395	rBV3	1278	765	0.02%	0.002%
58	8.878	2419	2422	2425	rBV3	1196	775	0.02%	0.002%
59	9.038	2468	2472	2474	rBV4	1651	1009	0.02%	0.003%
60	9.087	2474	2487	2532	rVV	1853059	3304593	74.66%	9.927%
61	9.328	2559	2562	2567	rVB4	1575	1329	0.03%	0.004%
62	9.366	2571	2574	2576	rBV4	1334	892	0.02%	0.003%
63	9.447	2596	2599	2600	rBV2	1078	630	0.01%	0.002%
64	9.456	2600	2602	2604	rVV3	940	599	0.01%	0.002%
65	9.495	2612	2614	2620	rVB5	1112	1003	0.02%	0.003%
66	9.582	2634	2641	2648	rBV6	1138	1666	0.04%	0.005%
67	9.614	2648	2651	2654	rBV3	1159	909	0.02%	0.003%
68	9.791	2703	2706	2708	rBV4	1088	711	0.02%	0.002%
69	9.968	2758	2761	2764	rBV3	1105	938	0.02%	0.003%
70	9.993	2764	2769	2772	rVV4	820	868	0.02%	0.003%
71	10.042	2780	2784	2788	rBV5	1511	1356	0.03%	0.004%

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72	10.122	2805	2809	2813	rVB5	1013	868	0.02%	0.003%
73	10.263	2851	2853	2856	rVB2	1005	623	0.01%	0.002%
74	10.286	2856	2860	2864	rBV4	1219	934	0.02%	0.003%
75	10.308	2864	2867	2869	rBV2	1069	720	0.02%	0.002%
76	10.357	2876	2882	2887	rBV7	1225	1492	0.03%	0.004%
77	10.427	2891	2904	2933	rVV	1330595	2179324	49.24%	6.546%
78	10.559	2941	2945	2948	rBV3	1024	1021	0.02%	0.003%
79	10.601	2950	2958	2968	rVV5	15714	26637	0.60%	0.080%
80	10.704	2985	2990	2994	rVV5	1672	1915	0.04%	0.006%
81	10.791	3013	3017	3022	rBV4	1327	1229	0.03%	0.004%
82	10.923	3056	3058	3062	rVB4	2122	1480	0.03%	0.004%
83	10.948	3062	3066	3070	rBV3	1411	1439	0.03%	0.004%
84	11.003	3074	3083	3087	rBV6	1280	1872	0.04%	0.006%
85	11.157	3126	3131	3134	rBV4	1299	1129	0.03%	0.003%
86	11.231	3152	3154	3158	rBV3	1031	704	0.02%	0.002%
87	11.299	3172	3175	3178	rBV4	947	649	0.01%	0.002%
88	11.479	3219	3231	3260	rBV	1556547	2572161	58.11%	7.727%
89	11.855	3336	3348	3373	rBV	1634085	2716895	61.38%	8.161%
90	12.308	3486	3489	3494	rBV3	1306	1165	0.03%	0.003%
91	12.476	3535	3541	3549	rVB	6359	9050	0.20%	0.027%
92	12.665	3598	3600	3605	rVB3	1556	910	0.02%	0.003%
93	12.813	3642	3646	3651	rVB5	1497	1432	0.03%	0.004%
94	12.903	3669	3674	3675	rBV3	1534	1270	0.03%	0.004%
95	13.202	3765	3767	3771	rVB3	1759	979	0.02%	0.003%
96	13.312	3798	3801	3802	rBV	1423	630	0.01%	0.002%
97	13.549	3872	3875	3879	rBV4	1529	1597	0.04%	0.005%
98	14.006	4015	4017	4019	rBV2	1529	898	0.02%	0.003%
99	14.064	4031	4035	4039	rBV6	1492	1361	0.03%	0.004%
100	14.861	4279	4283	4285	rBV3	1769	1468	0.03%	0.004%

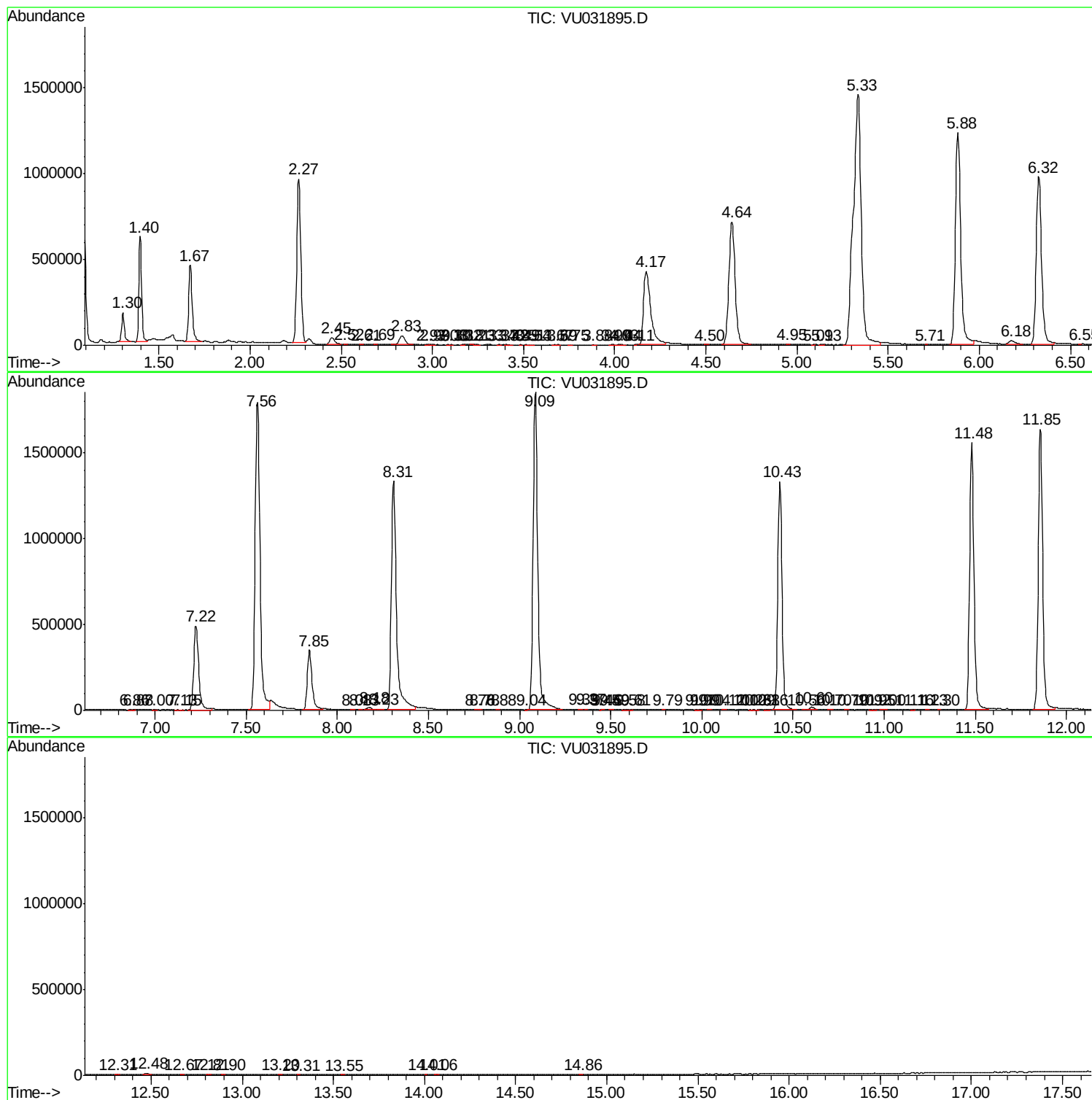
Sum of corrected areas: 33289980

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
Quant Title : VOC Analysis

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



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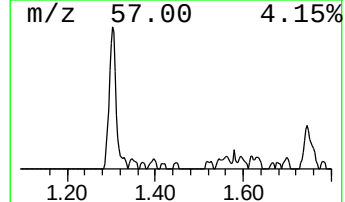
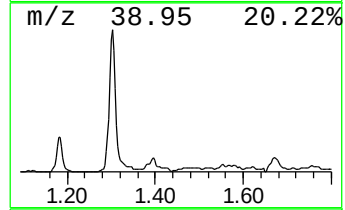
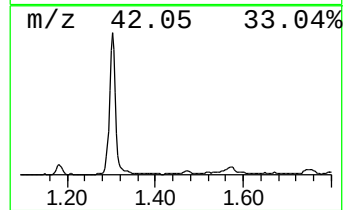
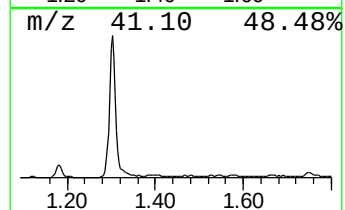
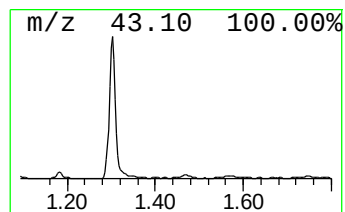
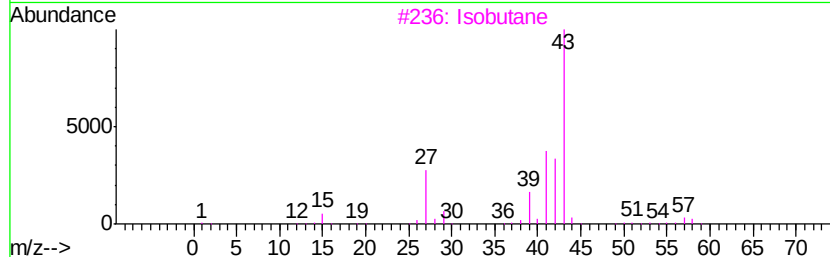
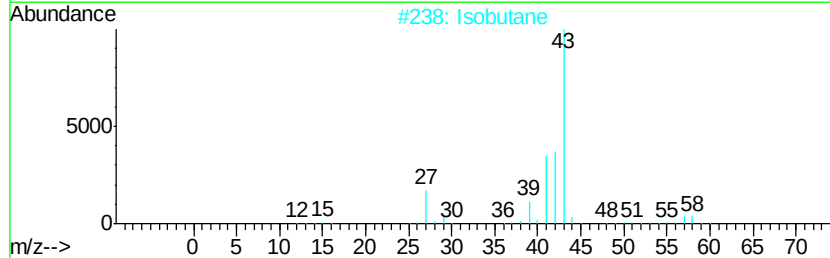
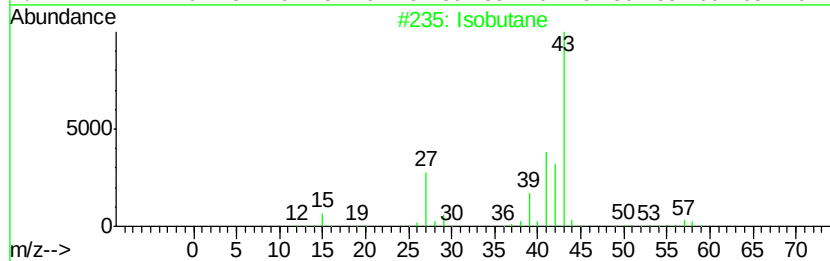
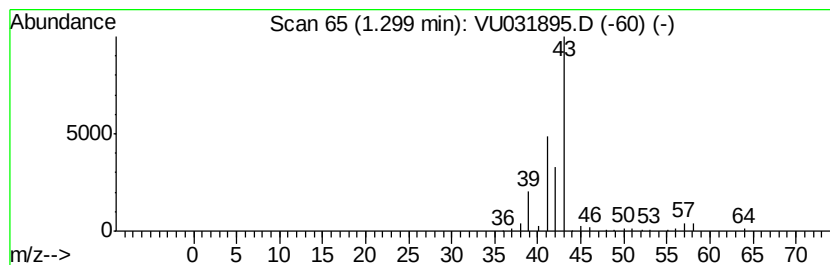
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.30	3.51 ug/L	178688	1,4-Difluorobenzene	5.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	64
2	Isobutane	58	C4H10	000075-28-5	64
3	Isobutane	58	C4H10	000075-28-5	64
4	Isobutane	58	C4H10	000075-28-5	42
5	Isobutyl nitrite	103	C4H9NO2	000542-56-3	4



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	1.30	3.5	ug/L	178688	1	5.88	2547160	50.0