

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032719\
 Data File : VU030480.D
 Acq On : 27 Mar 2019 13:56
 Operator : JC/SP
 Sample : K2063-15DL 400X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB6S2DL

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\SOMULM032319WMA.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	1.183	24	29	36	rVB3	12522	12752	0.67%	0.071%
2	1.328	71	74	85	rVB2	4969	7304	0.39%	0.041%
3	1.399	88	96	107	rBV	255159	258305	13.66%	1.445%
4	1.473	116	119	124	rBV2	2653	2433	0.13%	0.014%
5	1.569	141	149	154	rBV6	4389	6156	0.33%	0.034%
6	1.675	173	182	198	rBV	198657	262714	13.89%	1.470%
7	1.752	201	206	219	rVB2	13078	18030	0.95%	0.101%
8	1.884	243	247	256	rVB3	5150	6005	0.32%	0.034%
9	2.045	291	297	304	rBV5	4626	6737	0.36%	0.038%
10	2.186	333	341	348	rBV5	7422	11571	0.61%	0.065%
11	2.270	356	367	381	rBV	395728	606855	32.09%	3.395%
12	2.325	381	384	393	rVB3	7186	8914	0.47%	0.050%
13	2.440	416	420	424	rBV2	1881	1739	0.09%	0.010%
14	2.466	424	428	430	rBV	1782	1497	0.08%	0.008%
15	2.575	457	462	464	rBV	1565	1422	0.08%	0.008%
16	2.630	476	479	482	rVB	1987	1391	0.07%	0.008%
17	2.653	482	486	488	rBV	2465	2308	0.12%	0.013%
18	2.685	488	496	497	rBV5	3489	4182	0.22%	0.023%
19	2.791	523	529	537	rVV4	2625	4164	0.22%	0.023%
20	2.961	577	582	584	rBV	1746	1456	0.08%	0.008%
21	2.990	587	591	596	rVB3	2566	2348	0.12%	0.013%
22	3.013	596	598	605	rVB	1814	2063	0.11%	0.012%
23	3.071	612	616	619	rBV	2627	2571	0.14%	0.014%
24	3.129	624	634	637	rBV	1350	2154	0.11%	0.012%
25	3.357	702	705	710	rBV	1659	1449	0.08%	0.008%
26	3.508	747	752	755	rBV2	1834	1515	0.08%	0.008%
27	3.559	764	768	769	rVV	3444	2256	0.12%	0.013%
28	3.572	769	772	782	rVB2	4246	5468	0.29%	0.031%
29	3.614	782	785	789	rVB	2830	1903	0.10%	0.011%
30	3.791	835	840	845	rBV3	1545	1622	0.09%	0.009%
31	3.839	851	855	858	rBV	1839	1427	0.08%	0.008%
32	3.878	862	867	871	rBV2	1363	1811	0.10%	0.010%
33	3.987	898	901	904	rVB	2055	1474	0.08%	0.008%
34	4.087	921	932	933	rBV3	6060	6717	0.36%	0.038%

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 Title : VOC Analysis

35	4.170	947	958	982	rBV	194993	502273	26.56%	2.810%
36	4.354	1012	1015	1020	rVB2	2773	2636	0.14%	0.015%
37	4.418	1032	1035	1038	rBV	2678	1969	0.10%	0.011%
38	4.643	1085	1105	1126	rBV	296172	706016	37.33%	3.950%
39	4.762	1139	1142	1148	rVB	1420	1525	0.08%	0.009%
40	4.878	1173	1178	1180	rBV2	1762	1448	0.08%	0.008%
41	4.990	1207	1213	1214	rBV3	1395	1451	0.08%	0.008%
42	5.051	1227	1232	1236	rBV2	1711	2079	0.11%	0.012%
43	5.080	1236	1241	1246	rVB2	2410	2962	0.16%	0.017%
44	5.151	1258	1263	1267	rVB	2143	2258	0.12%	0.013%
45	5.196	1272	1277	1279	rBV	1903	1773	0.09%	0.010%
46	5.337	1298	1321	1331	rBV2	606861	1819767	96.23%	10.180%
47	5.704	1431	1435	1437	rBV	2191	1722	0.09%	0.010%
48	5.726	1437	1442	1448	rVB2	2002	2973	0.16%	0.017%
49	5.884	1478	1491	1508	rBV	530338	1049546	55.50%	5.871%
50	6.167	1576	1579	1582	rBV	2215	1406	0.07%	0.008%
51	6.328	1614	1629	1652	rBV	416063	856891	45.31%	4.794%
52	6.411	1653	1655	1662	rVB2	4713	4762	0.25%	0.027%
53	6.517	1684	1688	1689	rBV	2367	1612	0.09%	0.009%
54	6.704	1743	1746	1749	rBV	2022	1373	0.07%	0.008%
55	6.730	1752	1754	1760	rVB	1636	1434	0.08%	0.008%
56	6.980	1828	1832	1840	rVB	2360	2210	0.12%	0.012%
57	7.025	1840	1846	1849	rBV	2236	2859	0.15%	0.016%
58	7.225	1894	1908	1927	rBV	224523	420686	22.24%	2.353%
59	7.421	1966	1969	1974	rBV3	1745	1403	0.07%	0.008%
60	7.562	2000	2013	2024	rBV	769279	1342299	70.98%	7.509%
61	7.633	2024	2035	2061	rVB	1077390	1891154	100.00%	10.579%
62	7.845	2092	2101	2118	rBV	156220	269570	14.25%	1.508%
63	8.096	2176	2179	2184	rVB	2430	1783	0.09%	0.010%
64	8.308	2234	2245	2278	rBV	615668	1117143	59.07%	6.249%
65	8.623	2340	2343	2348	rVB2	1993	1458	0.08%	0.008%
66	9.086	2474	2487	2513	rBV	770991	1323997	70.01%	7.407%
67	9.247	2527	2537	2554	rBV	153914	249197	13.18%	1.394%
68	9.369	2564	2575	2596	rBV	483630	819103	43.31%	4.582%
69	9.511	2616	2619	2625	rVB	2399	2050	0.11%	0.011%
70	9.559	2631	2634	2640	rVB	2949	3259	0.17%	0.018%
71	9.591	2640	2644	2646	rBV2	2281	1777	0.09%	0.010%

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 Title : VOC Analysis

72	9.656	2661	2664	2670	rVB	2052	1722	0.09%	0.010%
73	9.778	2691	2702	2727	rVB	240952	404790	21.40%	2.264%
74	9.987	2764	2767	2770	rBV2	1709	1522	0.08%	0.009%
75	10.099	2800	2802	2810	rVB	2039	1815	0.10%	0.010%
76	10.167	2813	2823	2830	rBV4	6813	12872	0.68%	0.072%
77	10.427	2892	2904	2924	rBV	558167	905241	47.87%	5.064%
78	10.588	2943	2954	2963	rBV3	16265	30476	1.61%	0.170%
79	10.678	2973	2982	3001	rBV	64743	145012	7.67%	0.811%
80	10.771	3003	3011	3025	rVB3	28856	49972	2.64%	0.280%
81	10.967	3064	3072	3084	rBV2	29130	47088	2.49%	0.263%
82	11.148	3117	3128	3143	rBV	103031	167607	8.86%	0.938%
83	11.424	3211	3214	3216	rVV2	2472	2012	0.11%	0.011%
84	11.479	3220	3231	3251	rVV	666084	1107237	58.55%	6.194%
85	11.569	3251	3259	3269	rVB2	31055	52731	2.79%	0.295%
86	11.662	3285	3288	3292	rBV	2242	1462	0.08%	0.008%
87	11.762	3310	3319	3330	rBV3	27641	48030	2.54%	0.269%
88	11.858	3337	3349	3370	rBV	672009	1160325	61.36%	6.491%
89	12.180	3447	3449	3456	rVB2	3947	2756	0.15%	0.015%
90	12.350	3500	3502	3511	rVB5	3795	4790	0.25%	0.027%
91	12.614	3579	3584	3587	rBV2	2573	2388	0.13%	0.013%
92	12.704	3604	3612	3616	rBV2	4750	7061	0.37%	0.040%
93	13.122	3738	3742	3753	rVB3	7839	11152	0.59%	0.062%
94	13.450	3841	3844	3849	rBV	1856	1899	0.10%	0.011%
95	13.514	3856	3864	3877	rBV5	8836	18450	0.98%	0.103%
96	13.864	3970	3973	3977	rBV3	1625	1625	0.09%	0.009%
97	14.135	4054	4057	4060	rBV	2061	1653	0.09%	0.009%
98	14.192	4072	4075	4078	rBV	1818	1541	0.08%	0.009%
99	14.565	4188	4191	4194	rBV	2072	1558	0.08%	0.009%
100	16.051	4648	4653	4656	rVB2	2677	2469	0.13%	0.014%

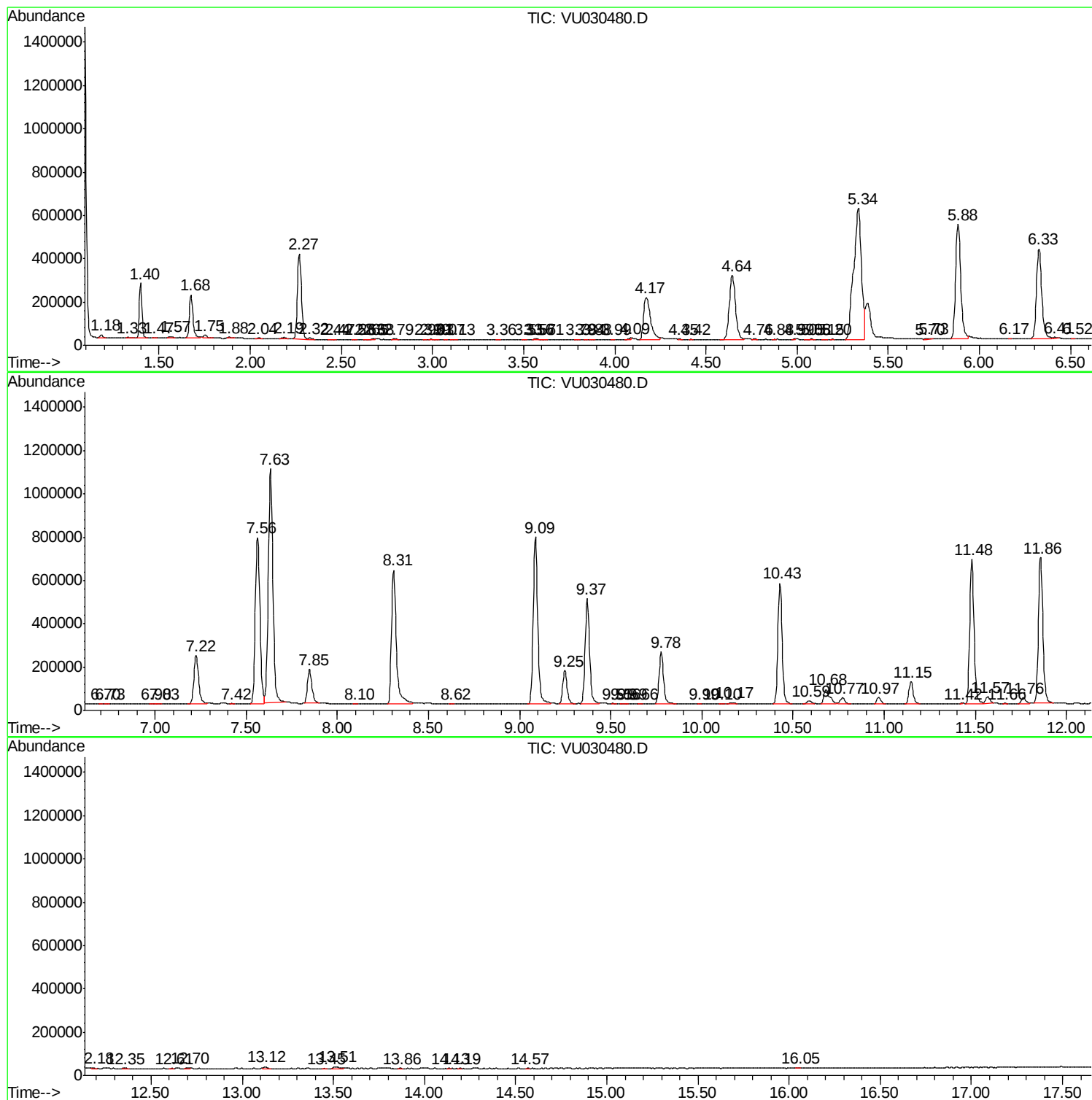
Sum of corrected areas: 17875793

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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



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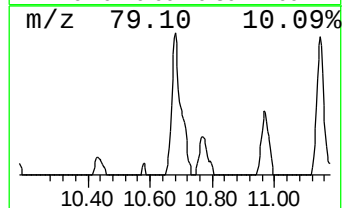
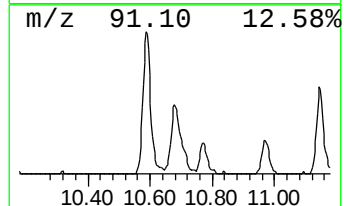
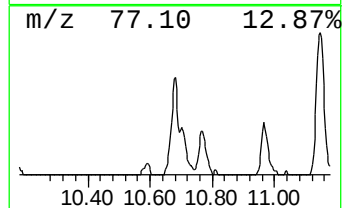
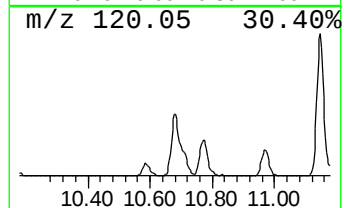
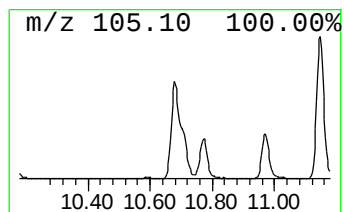
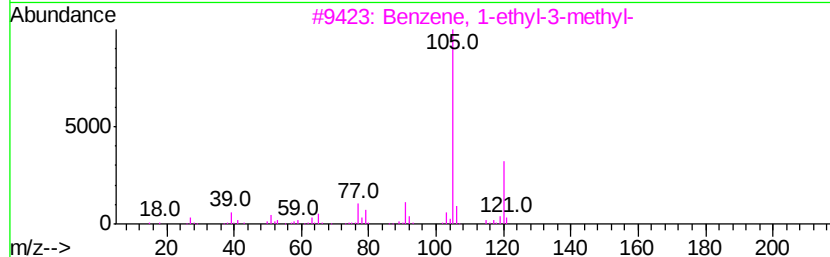
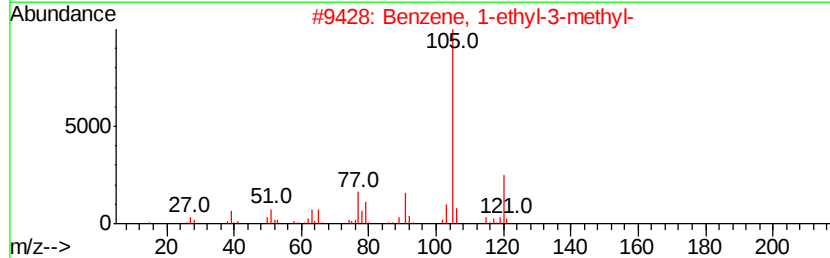
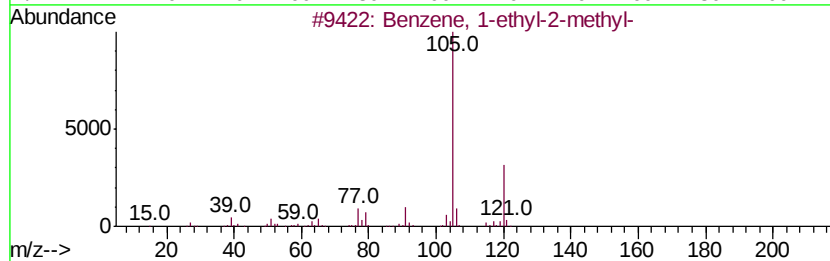
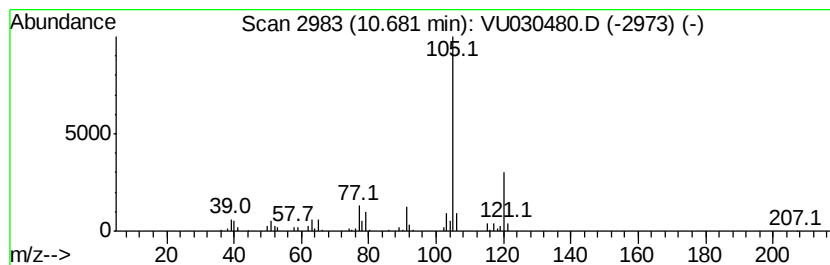
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis

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

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	6.55 ug/L	145012	1,4-Dichlorobenzene-d4	11.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
4		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1-ethyl-...	10.68	6.5	ug/L	145012	3	11.48	1107240	50.0