

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032419\
 Data File : VU030380.D
 Acq On : 24 Mar 2019 18:59
 Operator : JC/SP
 Sample : K2016-16
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C09E5

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	rBV	17366	15791	0.85%	0.111%
2	1.399	89	96	107	rVB	203195	201214	10.89%	1.412%
3	1.675	175	182	205	rVB	155056	216258	11.71%	1.518%
4	2.270	357	367	379	rBV	340163	513721	27.81%	3.606%
5	2.447	413	422	435	rVB	36278	60721	3.29%	0.426%
6	2.691	494	498	502	rBV4	1362	1631	0.09%	0.011%
7	2.736	507	512	515	rBV	2108	2241	0.12%	0.016%
8	2.942	573	576	580	rVB	1957	1473	0.08%	0.010%
9	3.064	611	614	619	rVB	2130	2223	0.12%	0.016%
10	3.103	623	626	629	rBV	1455	1206	0.07%	0.008%
11	3.164	640	645	650	rBV	2134	2402	0.13%	0.017%
12	3.418	721	724	728	rVB	1360	990	0.05%	0.007%
13	3.482	739	744	746	rBV	1862	1560	0.08%	0.011%
14	3.537	755	761	763	rBV	2161	2476	0.13%	0.017%
15	3.926	879	882	890	rVB	2010	2074	0.11%	0.015%
16	3.974	892	897	900	rBV	1845	1917	0.10%	0.013%
17	4.032	911	915	921	rBV	1515	1988	0.11%	0.014%
18	4.125	938	944	946	rBV2	1065	1073	0.06%	0.008%
19	4.174	948	959	991	rVV	170068	451578	24.44%	3.169%
20	4.643	1089	1105	1128	rVV	256190	611941	33.12%	4.295%
21	4.752	1136	1139	1146	rVB2	1844	1723	0.09%	0.012%
22	4.868	1171	1175	1176	rBV2	1591	1138	0.06%	0.008%
23	5.338	1297	1321	1353	rBV2	555596	1709164	92.51%	11.996%
24	5.601	1400	1403	1407	rVB	1879	1390	0.08%	0.010%
25	5.627	1407	1411	1414	rBV	1555	1380	0.07%	0.010%
26	5.884	1478	1491	1529	rBV	496655	1004375	54.36%	7.049%
27	6.109	1558	1561	1565	rBV	1680	1412	0.08%	0.010%
28	6.328	1615	1629	1651	rBV	364682	745636	40.36%	5.233%
29	6.553	1696	1699	1702	rVB	2584	1687	0.09%	0.012%
30	6.640	1723	1726	1730	rVV	1612	1220	0.07%	0.009%
31	6.752	1757	1761	1764	rBV	1303	1204	0.07%	0.008%
32	6.817	1775	1781	1784	rBV	1931	2313	0.13%	0.016%
33	6.884	1798	1802	1805	rVB	1684	1316	0.07%	0.009%
34	6.907	1805	1809	1810	rBV	1674	1119	0.06%	0.008%

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 Title : VOC Analysis

35	7.125	1874	1877	1881	rBV	1479	1052	0.06%	0.007%
36	7.225	1896	1908	1933	rBV	188639	344568	18.65%	2.418%
37	7.360	1946	1950	1953	rVB	1558	1184	0.06%	0.008%
38	7.386	1954	1958	1960	rBV	1683	1419	0.08%	0.010%
39	7.563	1999	2013	2031	rBV	693256	1234677	66.83%	8.665%
40	7.743	2066	2069	2071	rBV	1358	946	0.05%	0.007%
41	7.849	2091	2102	2122	rBV	124271	219567	11.88%	1.541%
42	7.968	2136	2139	2143	rVB	3009	2438	0.13%	0.017%
43	8.029	2153	2158	2163	rBV3	1583	2020	0.11%	0.014%
44	8.096	2172	2179	2184	rVB	1570	2314	0.13%	0.016%
45	8.128	2184	2189	2191	rBV	1472	1332	0.07%	0.009%
46	8.151	2191	2196	2198	rBV	1353	1341	0.07%	0.009%
47	8.238	2219	2223	2226	rBV	1910	1534	0.08%	0.011%
48	8.308	2234	2245	2277	rBV	547905	1015250	54.95%	7.125%
49	8.611	2336	2339	2345	rBV2	1149	1033	0.06%	0.007%
50	8.691	2361	2364	2370	rBV2	1269	1282	0.07%	0.009%
51	8.723	2370	2374	2377	rVB	1637	1212	0.07%	0.009%
52	8.743	2377	2380	2387	rBV	1911	2014	0.11%	0.014%
53	8.935	2436	2440	2443	rBV	1853	1596	0.09%	0.011%
54	9.087	2471	2487	2494	rBV	727679	1333671	72.19%	9.360%
55	9.389	2578	2581	2584	rVB	2242	1575	0.09%	0.011%
56	9.421	2588	2591	2594	rVB2	1459	963	0.05%	0.007%
57	9.707	2674	2680	2681	rBV	1090	1122	0.06%	0.008%
58	9.990	2762	2768	2773	rBV2	926	1394	0.08%	0.010%
59	10.125	2805	2810	2815	rVB	1643	2199	0.12%	0.015%
60	10.154	2815	2819	2824	rBV	1519	1534	0.08%	0.011%
61	10.321	2867	2871	2874	rBV	1122	1021	0.06%	0.007%
62	10.369	2883	2886	2891	rVB	1521	1264	0.07%	0.009%
63	10.427	2892	2904	2925	rBV	478761	780286	42.23%	5.476%
64	10.742	2999	3002	3008	rVB2	1352	1048	0.06%	0.007%
65	10.768	3008	3010	3017	rVB	1617	1067	0.06%	0.007%
66	11.000	3075	3082	3086	rBV	2429	2906	0.16%	0.020%
67	11.199	3141	3144	3151	rVB	1903	1893	0.10%	0.013%
68	11.234	3151	3155	3158	rBV	1412	1236	0.07%	0.009%
69	11.344	3183	3189	3192	rBV	1694	1728	0.09%	0.012%
70	11.418	3200	3212	3220	rBV	52235	84819	4.59%	0.595%
71	11.482	3221	3232	3235	rBV	683815	1006185	54.46%	7.062%

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72	11.755	3314	3317	3319	rBV	2260	1530	0.08%	0.011%
73	11.861	3335	3350	3372	rBV2	751203	1847541	100.00%	12.967%
74	12.151	3435	3440	3445	rBV	1679	2042	0.11%	0.014%
75	12.273	3472	3478	3481	rBV	1865	2072	0.11%	0.015%
76	12.302	3481	3487	3491	rVV2	1915	2400	0.13%	0.017%
77	12.447	3528	3532	3535	rBV	1503	1169	0.06%	0.008%
78	12.521	3550	3555	3560	rBV	1477	1767	0.10%	0.012%
79	12.607	3577	3582	3586	rBV	2023	2459	0.13%	0.017%
80	12.627	3586	3588	3591	rVV	1678	1103	0.06%	0.008%
81	12.643	3591	3593	3596	rVV	1963	1329	0.07%	0.009%
82	12.681	3600	3605	3609	rBV2	1223	1527	0.08%	0.011%
83	12.752	3622	3627	3630	rBV	1496	1269	0.07%	0.009%
84	12.829	3648	3651	3654	rBV	1412	1121	0.06%	0.008%
85	13.122	3739	3742	3746	rVB	1599	1190	0.06%	0.008%
86	13.389	3820	3825	3827	rBV	1630	1256	0.07%	0.009%
87	13.501	3849	3860	3884	rBV	238647	428822	23.21%	3.010%
88	13.746	3933	3936	3939	rBV2	1985	1511	0.08%	0.011%
89	13.987	4000	4011	4026	rBV3	62974	122893	6.65%	0.863%
90	14.183	4068	4072	4077	rBV	2198	2185	0.12%	0.015%
91	14.263	4093	4097	4100	rBV	1959	1609	0.09%	0.011%
92	14.279	4100	4102	4107	rVB	1694	1322	0.07%	0.009%
93	14.305	4107	4110	4114	rBV	1732	1460	0.08%	0.010%
94	14.877	4284	4288	4292	rBV	1756	1622	0.09%	0.011%
95	14.903	4293	4296	4299	rBV	1852	1285	0.07%	0.009%
96	15.073	4339	4349	4363	rBV5	20856	43710	2.37%	0.307%
97	15.334	4427	4430	4433	rBV2	1949	1674	0.09%	0.012%
98	15.450	4463	4466	4468	rBV2	1654	1227	0.07%	0.009%
99	15.610	4513	4516	4518	rBV	2250	1444	0.08%	0.010%
100	15.652	4518	4529	4551	rVV2	63242	135424	7.33%	0.950%

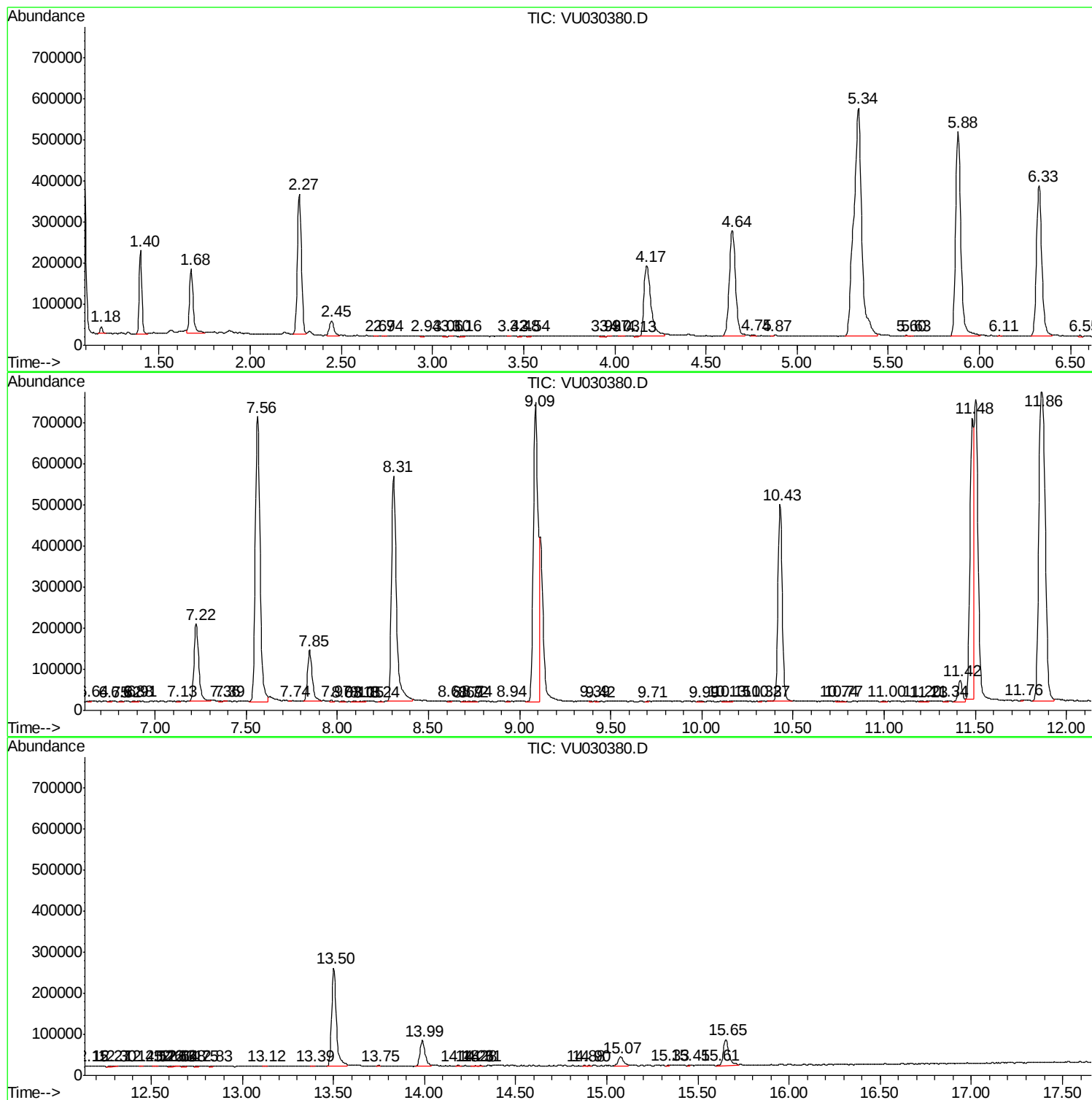
Sum of corrected areas: 14248208

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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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 Peak Number 1 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
2.45	3.02 ug/L	60721	1,4-Difluorobenzene	5.88	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
4	Formamide	45	CH3NO	000075-12-7	5
5	Ethylamine	45	C2H7N	000075-04-7	5

 Peak Number 2 Benzene, 1,2,3,4-tetrachloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD		R.T.		
15.65	6.73 ug/L	135424	1,4-Dichlorobenzene-d4		11.48		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	99
2			Benzene, 1,2,3,5-tetrachloro-	214	C6H2Cl4	000634-90-2	99
3			Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	99
4			Benzene, 1,2,4,5-tetrachloro-	214	C6H2Cl4	000095-94-3	99
5			Benzene, 1,2,3,4-tetrachloro-	214	C6H2Cl4	000634-66-2	99

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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Isopropyl Alcohol	2.45	3.0	ug/L	60721	1	5.88	1004380	50.0
Benzene, 1,2,3,4-...	15.65	6.7	ug/L	135424	3	11.48	1006190	50.0