

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV051419\
 Data File : VV010892.D
 Acq On : 15 May 2019 10:07
 Operator : SY/MD
 Sample : K2846-02
 Misc : 2.99G/10ML/MSVOA_V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFHB7

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_V\METHOD\SOM2VLM051319S.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	1.209	30	37	65	rBV	858935	1524358	100.00%	32.885%
2	2.123	312	321	331	rVB	96477	135805	8.91%	2.930%
3	2.312	371	380	390	rBV3	13888	30149	1.98%	0.650%
4	2.531	441	448	461	rVB5	2356	3888	0.26%	0.084%
5	2.997	587	593	597	rBV3	306	297	0.02%	0.006%
6	3.483	741	744	747	rBV2	193	156	0.01%	0.003%
7	3.679	802	805	807	rBV	197	150	0.01%	0.003%
8	3.933	874	884	905	rVV2	17812	45430	2.98%	0.980%
9	4.209	963	970	971	rBV	306	317	0.02%	0.007%
10	4.315	998	1003	1008	rBV3	359	447	0.03%	0.010%
11	4.396	1012	1028	1048	rBV	73598	176473	11.58%	3.807%
12	4.743	1132	1136	1137	rBV	265	151	0.01%	0.003%
13	4.807	1153	1156	1163	rVB2	194	239	0.02%	0.005%
14	4.839	1163	1166	1169	rBV2	268	219	0.01%	0.005%
15	4.962	1199	1204	1207	rVB2	185	175	0.01%	0.004%
16	4.981	1207	1210	1214	rBV2	202	167	0.01%	0.004%
17	5.090	1227	1244	1275	rBV2	172274	439572	28.84%	9.483%
18	5.309	1311	1312	1317	rVB2	352	197	0.01%	0.004%
19	5.383	1329	1335	1337	rBV2	214	216	0.01%	0.005%
20	5.502	1366	1372	1376	rBV2	284	326	0.02%	0.007%
21	5.544	1382	1385	1392	rVB2	230	181	0.01%	0.004%
22	5.576	1392	1395	1397	rBV	234	169	0.01%	0.004%
23	5.608	1400	1405	1407	rBV	173	163	0.01%	0.004%
24	5.663	1409	1422	1449	rBV	139279	287013	18.83%	6.192%
25	5.901	1494	1496	1498	rBV	245	139	0.01%	0.003%
26	6.013	1527	1531	1534	rBV2	192	140	0.01%	0.003%
27	6.116	1549	1563	1588	rBV	100548	206347	13.54%	4.452%
28	6.299	1615	1620	1624	rBV2	341	338	0.02%	0.007%
29	6.328	1624	1629	1631	rVV	169	170	0.01%	0.004%
30	6.347	1631	1635	1638	rBV2	290	213	0.01%	0.005%
31	6.441	1661	1664	1667	rBV2	277	243	0.02%	0.005%
32	6.489	1676	1679	1684	rBV2	200	221	0.01%	0.005%
33	6.556	1696	1700	1704	rBV2	201	217	0.01%	0.005%
34	6.598	1710	1713	1716	rBV	188	182	0.01%	0.004%

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 Title : VOC Analysis

35	6.640	1723	1726	1729	rBV	245	208	0.01%	0.004%
36	6.695	1738	1743	1751	rBV7	939	1378	0.09%	0.030%
37	6.823	1779	1783	1788	rVV4	657	623	0.04%	0.013%
38	6.929	1813	1816	1820	rBV2	288	210	0.01%	0.005%
39	6.962	1820	1826	1829	rBV2	449	402	0.03%	0.009%
40	7.026	1833	1846	1867	rBV	43887	79129	5.19%	1.707%
41	7.116	1872	1874	1877	rVB	317	176	0.01%	0.004%
42	7.142	1877	1882	1883	rBV2	178	165	0.01%	0.004%
43	7.180	1892	1894	1897	rVB	297	141	0.01%	0.003%
44	7.196	1897	1899	1903	rBV	368	221	0.01%	0.005%
45	7.296	1925	1930	1934	rBV3	511	652	0.04%	0.014%
46	7.357	1937	1949	1969	rBV	185310	335986	22.04%	7.248%
47	7.556	2007	2011	2015	rBV3	368	417	0.03%	0.009%
48	7.662	2032	2044	2061	rBV2	30308	51344	3.37%	1.108%
49	7.743	2066	2069	2071	rBV2	323	193	0.01%	0.004%
50	7.826	2091	2095	2099	rVB2	365	343	0.02%	0.007%
51	7.952	2132	2134	2135	rBV2	382	162	0.01%	0.003%
52	7.978	2139	2142	2156	rVB4	1253	1818	0.12%	0.039%
53	8.032	2156	2159	2161	rBV	162	143	0.01%	0.003%
54	8.132	2178	2190	2209	rBV	68525	122499	8.04%	2.643%
55	8.498	2299	2304	2307	rBV2	361	369	0.02%	0.008%
56	8.733	2373	2377	2379	rBV2	234	231	0.02%	0.005%
57	8.762	2382	2386	2388	rBV2	328	236	0.02%	0.005%
58	8.894	2415	2427	2450	rBV	214863	363023	23.81%	7.831%
59	9.055	2470	2477	2486	rVB2	1547	2276	0.15%	0.049%
60	9.180	2506	2516	2526	rBV4	4159	6689	0.44%	0.144%
61	9.363	2569	2573	2574	rBV	227	149	0.01%	0.003%
62	9.373	2574	2576	2581	rVB	256	150	0.01%	0.003%
63	9.399	2581	2584	2587	rBV	214	196	0.01%	0.004%
64	9.424	2590	2592	2596	rVV2	420	238	0.02%	0.005%
65	9.482	2606	2610	2615	rVB	223	250	0.02%	0.005%
66	9.518	2615	2621	2624	rBV3	446	471	0.03%	0.010%
67	9.592	2634	2644	2652	rVV3	2892	4711	0.31%	0.102%
68	9.846	2720	2723	2726	rBV	334	254	0.02%	0.005%
69	10.109	2802	2805	2807	rBV	205	152	0.01%	0.003%
70	10.125	2807	2810	2813	rVV2	257	202	0.01%	0.004%
71	10.260	2841	2852	2869	rVB	103688	158291	10.38%	3.415%

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72	10.399	2884	2895	2897	rBV2	1128	1483	0.10%	0.032%
73	10.492	2916	2924	2931	rBV3	5227	8222	0.54%	0.177%
74	10.585	2945	2953	2961	rVB3	4863	6977	0.46%	0.151%
75	10.752	3002	3005	3007	rBV	170	143	0.01%	0.003%
76	10.785	3007	3015	3020	rBV2	2144	3068	0.20%	0.066%
77	10.958	3061	3069	3078	rVB3	8183	11384	0.75%	0.246%
78	11.293	3162	3173	3191	rBV	185702	298200	19.56%	6.433%
79	11.376	3191	3199	3209	rVB5	3238	5253	0.34%	0.113%
80	11.418	3210	3212	3215	rBV	287	193	0.01%	0.004%
81	11.437	3215	3218	3223	rBV4	602	537	0.04%	0.012%
82	11.572	3256	3260	3262	rBV2	962	837	0.05%	0.018%
83	11.672	3279	3291	3308	rVB	175547	283072	18.57%	6.107%
84	11.733	3308	3310	3318	rVB2	305	161	0.01%	0.003%
85	11.791	3326	3328	3331	rVB2	377	188	0.01%	0.004%
86	11.945	3372	3376	3377	rBV3	844	551	0.04%	0.012%
87	12.064	3405	3413	3420	rVB3	1870	2755	0.18%	0.059%
88	12.148	3437	3439	3442	rBV2	277	213	0.01%	0.005%
89	12.296	3476	3485	3497	rBV3	1880	3396	0.22%	0.073%
90	12.360	3501	3505	3512	rBV	474	512	0.03%	0.011%
91	12.460	3529	3536	3543	rBV4	1437	2063	0.14%	0.045%
92	12.511	3546	3552	3564	rVB6	3844	5792	0.38%	0.125%
93	12.563	3564	3568	3571	rBV	194	184	0.01%	0.004%
94	12.627	3583	3588	3591	rBV3	308	266	0.02%	0.006%
95	12.768	3629	3632	3638	rVB3	619	538	0.04%	0.012%
96	13.186	3752	3762	3770	rBV	5681	7685	0.50%	0.166%
97	13.794	3944	3951	3957	rBV4	2023	2755	0.18%	0.059%
98	14.183	4069	4072	4075	rBV2	252	141	0.01%	0.003%
99	14.328	4115	4117	4119	rVB2	513	140	0.01%	0.003%
100	14.685	4225	4228	4229	rBV	275	159	0.01%	0.003%

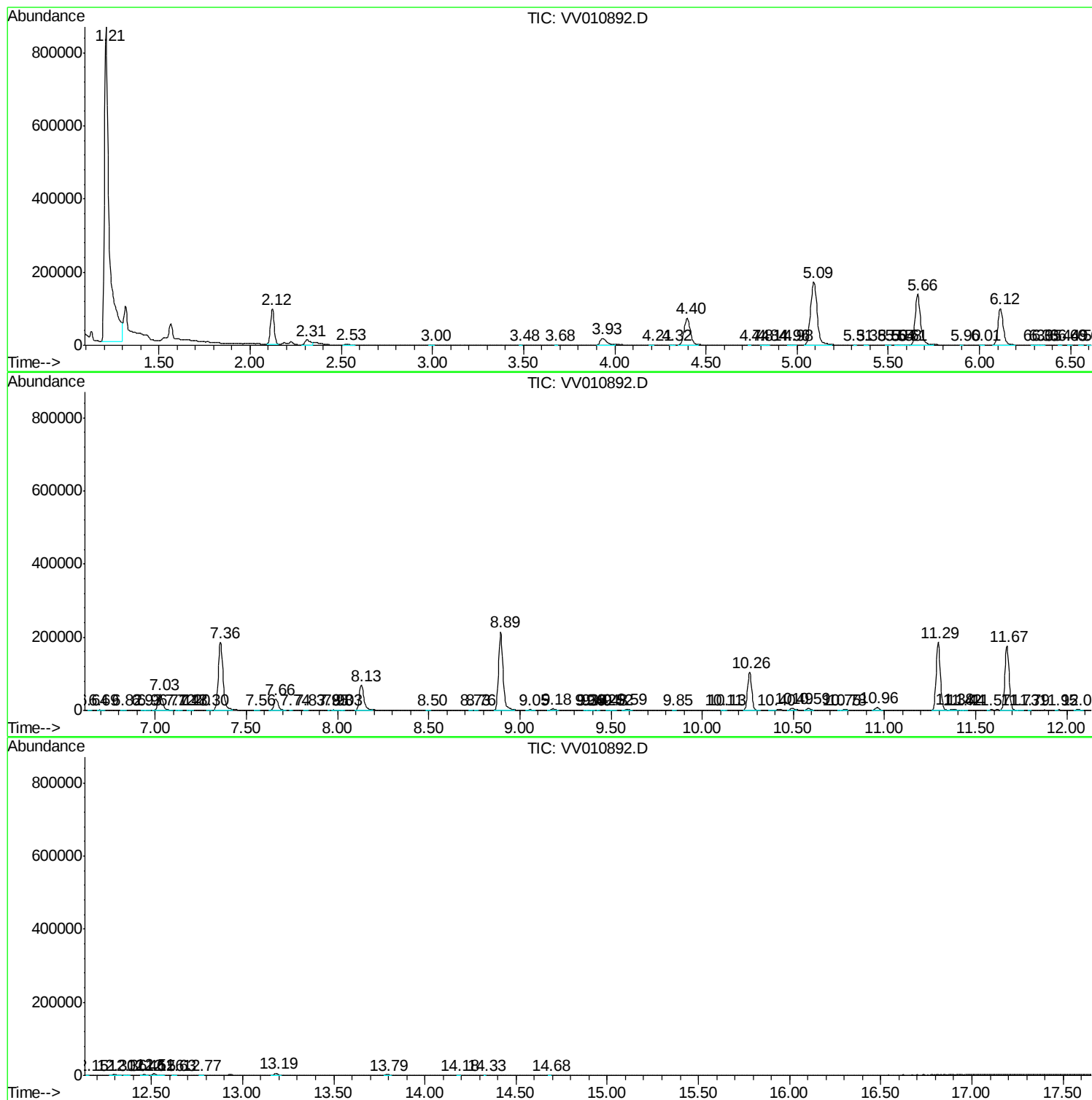
Sum of corrected areas: 4635434

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis

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



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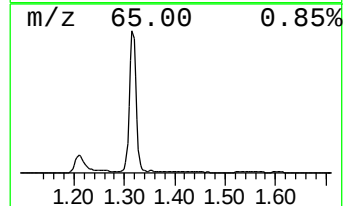
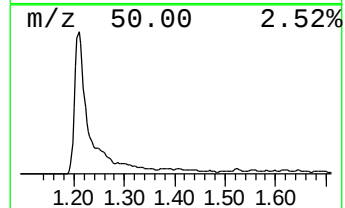
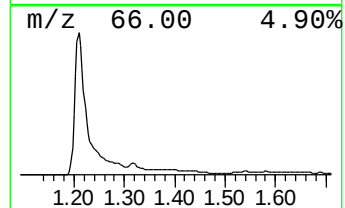
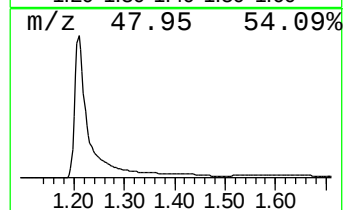
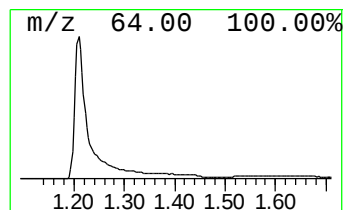
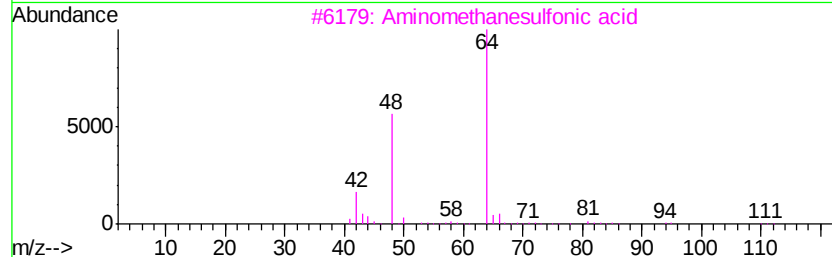
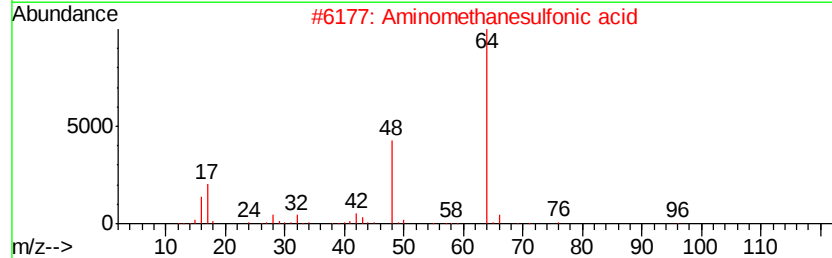
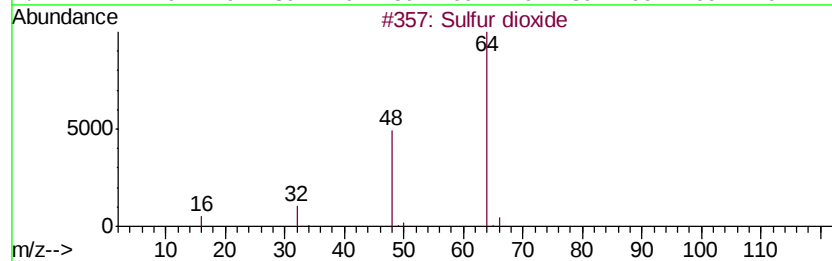
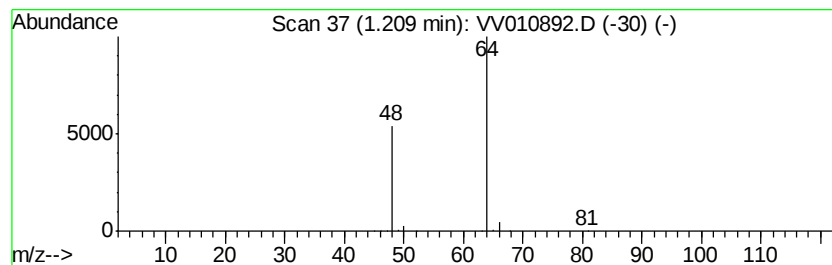
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM051319S.M
Quant Title : VOC Analysis

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

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	132.78 ug/L	1524360	1,4-Difluorobenzene	5.66
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Sulfur dioxide	64 02S	007446-09-5	83
2	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	74
3	Aminomethanesulfonic acid	111 CH5N03S	013881-91-9	9
4	L-Alanine, 3-sulfo-	169 C3H7N05S	000498-40-8	9
5	Ethene, 1,1-difluoro-	64 C2H2F2	000075-38-7	4



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.21	132.8	ug/L	1524360	1	5.66	287013	25.0