

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052219\
 Data File : VV011019.D
 Acq On : 22 May 2019 15:39
 Operator : SY/MD
 Sample : K3006-05
 Misc : 3.41G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFHC0

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\SOM2VLM052019S.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	32	37	54	rVB2	10228	18487	5.46%	0.725%
2	1.315	64	70	78	rVB	36351	35961	10.62%	1.410%
3	1.569	142	149	158	rVB	26829	30247	8.93%	1.186%
4	2.049	292	298	304	rVB4	917	1093	0.32%	0.043%
5	2.122	311	321	334	rBV	63134	89035	26.29%	3.490%
6	2.190	334	342	348	rBV2	2907	4233	1.25%	0.166%
7	2.312	372	380	388	rBV2	2598	3616	1.07%	0.142%
8	2.415	410	412	418	rVB2	513	411	0.12%	0.016%
9	2.531	439	448	457	rVB3	6350	9697	2.86%	0.380%
10	2.946	571	577	580	rBV2	287	339	0.10%	0.013%
11	3.068	605	615	625	rVB4	3783	7648	2.26%	0.300%
12	3.312	689	691	695	rBV	287	179	0.05%	0.007%
13	3.373	706	710	712	rBV2	169	156	0.05%	0.006%
14	3.444	727	732	735	rBV2	309	322	0.10%	0.013%
15	3.749	824	827	831	rBV	140	144	0.04%	0.006%
16	3.778	833	836	840	rVB	214	182	0.05%	0.007%
17	3.939	875	886	908	rBV	12254	30675	9.06%	1.203%
18	4.116	936	941	945	rVB2	303	314	0.09%	0.012%
19	4.145	945	950	955	rVB	474	425	0.13%	0.017%
20	4.171	955	958	961	rBV2	292	254	0.08%	0.010%
21	4.402	1011	1030	1053	rBV3	50758	151101	44.62%	5.923%
22	4.502	1059	1061	1064	rBV	506	338	0.10%	0.013%
23	4.521	1064	1067	1073	rVV	466	547	0.16%	0.021%
24	4.560	1076	1079	1082	rVB	451	316	0.09%	0.012%
25	4.679	1113	1116	1120	rVB3	281	246	0.07%	0.010%
26	4.775	1142	1146	1151	rVB2	279	296	0.09%	0.012%
27	4.801	1151	1154	1157	rVB	320	231	0.07%	0.009%
28	4.888	1177	1181	1185	rVB2	278	280	0.08%	0.011%
29	4.968	1202	1206	1210	rBV2	438	436	0.13%	0.017%
30	4.997	1210	1215	1217	rVV	169	174	0.05%	0.007%
31	5.090	1226	1244	1266	rBV2	139748	338636	100.00%	13.275%
32	5.219	1280	1284	1287	rVB5	502	404	0.12%	0.016%
33	5.306	1306	1311	1316	rVB3	337	384	0.11%	0.015%
34	5.344	1321	1323	1327	rVB2	239	170	0.05%	0.007%

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 Title : VOC Analysis

35	5.470	1359	1362	1365	rVB	220	152	0.04%	0.006%
36	5.495	1365	1370	1373	rBV2	189	195	0.06%	0.008%
37	5.663	1406	1422	1445	rBV	134002	269506	79.59%	10.565%
38	5.814	1466	1469	1472	rBV3	414	309	0.09%	0.012%
39	5.900	1493	1496	1500	rVB	238	154	0.05%	0.006%
40	5.936	1502	1507	1509	rBV3	1559	1372	0.41%	0.054%
41	6.023	1531	1534	1538	rVB2	343	255	0.08%	0.010%
42	6.042	1538	1540	1543	rBV2	337	175	0.05%	0.007%
43	6.116	1549	1563	1586	rBV	82210	166080	49.04%	6.511%
44	6.306	1619	1622	1627	rVB2	241	195	0.06%	0.008%
45	6.421	1654	1658	1662	rBV2	221	218	0.06%	0.009%
46	6.637	1721	1725	1727	rBV2	245	171	0.05%	0.007%
47	6.650	1727	1729	1734	rVB3	296	228	0.07%	0.009%
48	6.701	1738	1745	1746	rBV3	585	560	0.17%	0.022%
49	7.029	1836	1847	1862	rVV	39133	66827	19.73%	2.620%
50	7.138	1878	1881	1883	rBV	246	170	0.05%	0.007%
51	7.151	1883	1885	1887	rVV2	221	152	0.04%	0.006%
52	7.167	1888	1890	1893	rVV2	336	163	0.05%	0.006%
53	7.187	1893	1896	1903	rVB	234	232	0.07%	0.009%
54	7.238	1908	1912	1916	rBV2	264	259	0.08%	0.010%
55	7.357	1937	1949	1965	rBV	148659	258185	76.24%	10.121%
56	7.502	1993	1994	1998	rBV2	258	148	0.04%	0.006%
57	7.566	2010	2014	2018	rBV2	192	239	0.07%	0.009%
58	7.662	2034	2044	2061	rVV	25025	41737	12.33%	1.636%
59	7.740	2065	2068	2071	rBV	228	147	0.04%	0.006%
60	7.859	2099	2105	2109	rVB2	403	501	0.15%	0.020%
61	7.894	2113	2116	2117	rBV	257	173	0.05%	0.007%
62	7.929	2125	2127	2130	rBV2	233	185	0.05%	0.007%
63	7.987	2143	2145	2152	rVB3	498	488	0.14%	0.019%
64	8.071	2166	2171	2172	rBV2	255	185	0.05%	0.007%
65	8.132	2179	2190	2213	rBV	46354	80726	23.84%	3.165%
66	8.399	2270	2273	2277	rBV	181	179	0.05%	0.007%
67	8.582	2326	2330	2334	rBV	189	224	0.07%	0.009%
68	8.894	2415	2427	2448	rBV	198647	327831	96.81%	12.852%
69	9.058	2473	2478	2482	rBV2	245	261	0.08%	0.010%
70	9.280	2544	2547	2550	rVB2	281	170	0.05%	0.007%
71	9.315	2556	2558	2561	rVB2	285	160	0.05%	0.006%

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72	9.338	2561	2565	2568	rBV2	526	373	0.11%	0.015%
73	9.447	2597	2599	2601	rBV	324	186	0.05%	0.007%
74	9.659	2662	2665	2668	rBV3	267	213	0.06%	0.008%
75	9.794	2703	2707	2712	rVB3	239	248	0.07%	0.010%
76	9.868	2724	2730	2736	rBV3	484	701	0.21%	0.027%
77	9.923	2744	2747	2751	rBV2	238	221	0.07%	0.009%
78	10.029	2776	2780	2783	rBV2	161	160	0.05%	0.006%
79	10.100	2798	2802	2808	rBV	386	362	0.11%	0.014%
80	10.151	2813	2818	2821	rBV	189	224	0.07%	0.009%
81	10.260	2840	2852	2871	rBV	78109	122627	36.21%	4.807%
82	10.418	2897	2901	2902	rBV2	592	390	0.12%	0.015%
83	11.296	3162	3174	3193	rBV	151703	251723	74.33%	9.868%
84	11.672	3279	3291	3308	rBV	130702	212146	62.65%	8.317%
85	12.292	3477	3484	3496	rVB3	1089	1787	0.53%	0.070%
86	12.836	3650	3653	3657	rBV	217	189	0.06%	0.007%
87	13.164	3751	3755	3757	rBV	193	161	0.05%	0.006%
88	13.685	3913	3917	3922	rBV2	234	258	0.08%	0.010%
89	13.791	3944	3950	3961	rVB4	2593	3545	1.05%	0.139%
90	14.087	4032	4042	4053	rBV2	3681	6783	2.00%	0.266%
91	14.235	4086	4088	4091	rVB2	421	229	0.07%	0.009%
92	14.595	4197	4200	4205	rBV3	287	240	0.07%	0.009%
93	15.000	4323	4326	4328	rBV2	207	149	0.04%	0.006%
94	15.038	4336	4338	4340	rBV2	250	151	0.04%	0.006%
95	15.070	4344	4348	4351	rBV	253	210	0.06%	0.008%
96	16.382	4754	4756	4758	rBV2	418	265	0.08%	0.010%
97	16.656	4839	4841	4844	rBV2	555	315	0.09%	0.012%
98	16.894	4912	4915	4918	rBV3	677	366	0.11%	0.014%
99	16.910	4918	4920	4922	rBV3	577	331	0.10%	0.013%
100	17.447	5085	5087	5091	rVB2	679	443	0.13%	0.017%

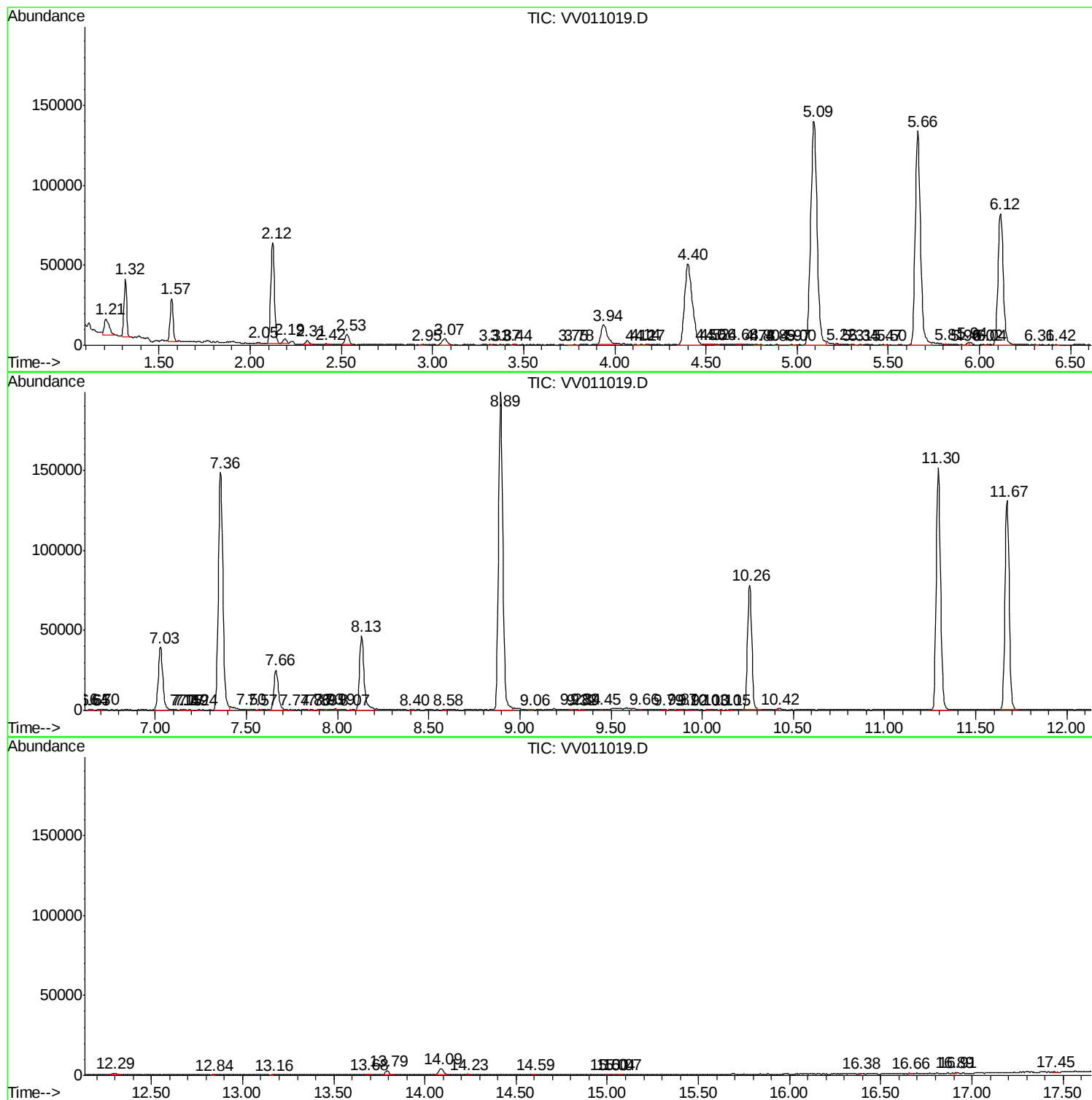
Sum of corrected areas: 2550885

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis

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



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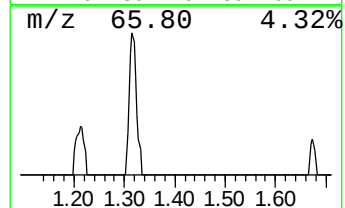
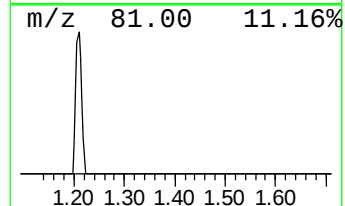
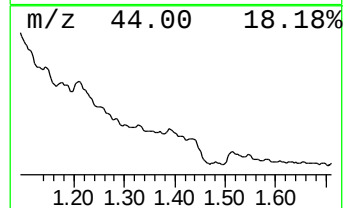
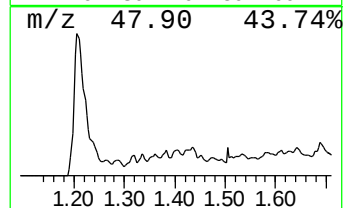
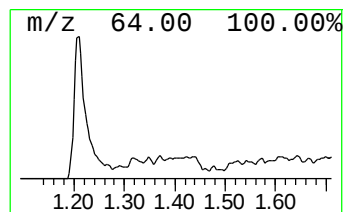
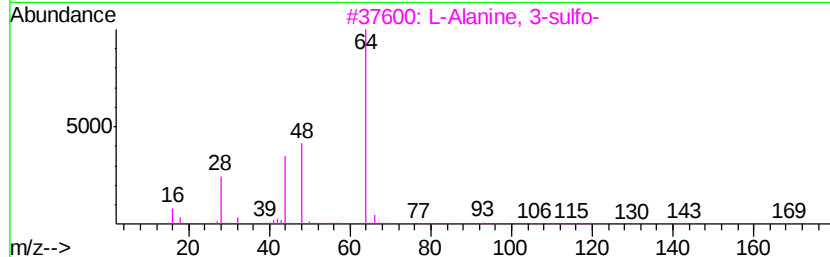
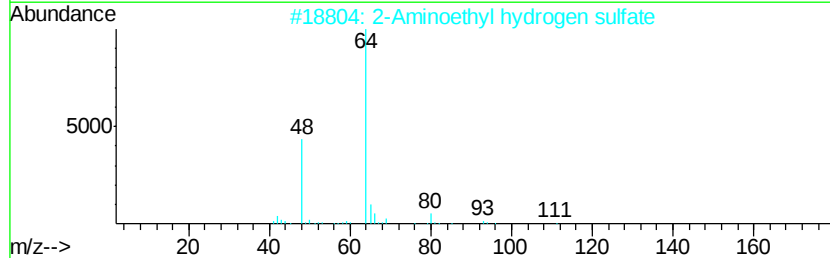
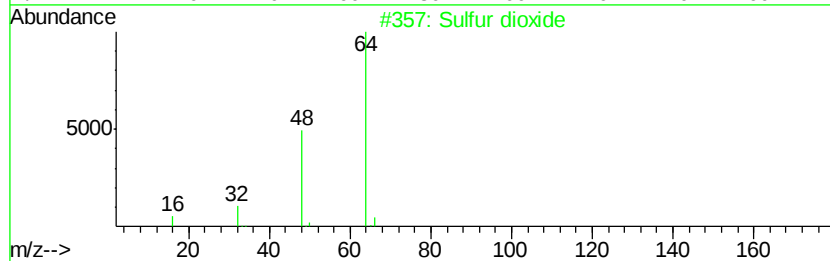
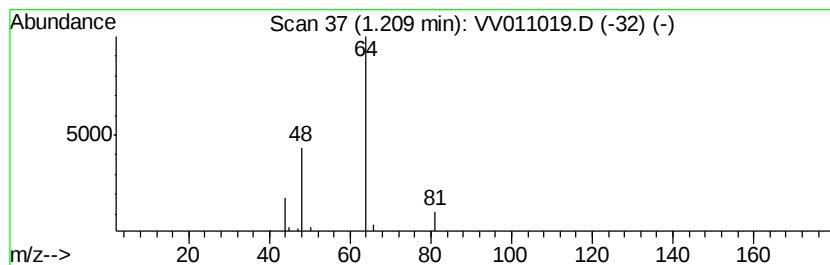
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	1.71 ug/L	18487	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfur dioxide	64	O2S	007446-09-5	74
2		2-Aminoethyl hydrogen sulfate	141	C2H7N04S	000926-39-6	9
3		L-Alanine, 3-sulfo-	169	C3H7N05S	000498-40-8	9
4		Aminomethanesulfonic acid	111	CH5N03S	013881-91-9	9
5		Aminomethanesulfonic acid	111	CH5N03S	013881-91-9	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	1.21	1.7	ug/L	18487	1	5.66	269506	25.0