

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052019\
 Data File : VV010995.D
 Acq On : 21 May 2019 11:27
 Operator : SY/MD
 Sample : K2846-22RE
 Misc : 4.69G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFHA4RE

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	34	37	53	rVB3	9286	12932	13.42%	1.981%
2	1.319	67	71	79	rVB	12972	12311	12.77%	1.886%
3	1.489	120	124	126	rBV3	1572	1490	1.55%	0.228%
4	1.579	147	152	158	rVB	9050	9445	9.80%	1.447%
5	2.087	307	310	312	rBV2	358	242	0.25%	0.037%
6	2.126	313	322	336	rVV	21694	31710	32.90%	4.858%
7	2.193	336	343	353	rVV3	1581	2625	2.72%	0.402%
8	2.531	442	448	457	rVB4	898	1266	1.31%	0.194%
9	2.656	484	487	494	rBV2	208	326	0.34%	0.050%
10	2.695	496	499	503	rBV2	170	202	0.21%	0.031%
11	2.852	544	548	555	rVB2	201	258	0.27%	0.040%
12	2.907	562	565	568	rVB2	203	168	0.17%	0.026%
13	2.933	568	573	575	rBV2	162	171	0.18%	0.026%
14	3.081	617	619	624	rBV2	143	164	0.17%	0.025%
15	3.222	656	663	667	rBV2	236	365	0.38%	0.056%
16	3.261	672	675	680	rVB	217	214	0.22%	0.033%
17	3.438	727	730	733	rBV	221	163	0.17%	0.025%
18	3.627	785	789	792	rBV2	254	237	0.25%	0.036%
19	3.656	792	798	802	rBV2	209	269	0.28%	0.041%
20	3.907	871	876	878	rBV2	198	189	0.20%	0.029%
21	3.942	878	887	895	rBV4	2689	5887	6.11%	0.902%
22	4.045	917	919	925	rVB2	349	280	0.29%	0.043%
23	4.183	959	962	967	rVB	285	195	0.20%	0.030%
24	4.254	980	984	986	rBV2	184	166	0.17%	0.025%
25	4.286	990	994	999	rBV2	224	284	0.29%	0.044%
26	4.402	1014	1030	1048	rBV2	17683	43232	44.85%	6.623%
27	4.499	1055	1060	1064	rBV2	278	297	0.31%	0.045%
28	4.663	1108	1111	1118	rBV2	193	226	0.23%	0.035%
29	4.801	1151	1154	1159	rVV2	213	187	0.19%	0.029%
30	4.904	1182	1186	1189	rBV2	198	230	0.24%	0.035%
31	4.949	1197	1200	1204	rVB	182	173	0.18%	0.027%
32	5.097	1229	1246	1263	rBV4	38673	96388	100.00%	14.765%
33	5.225	1283	1286	1292	rVB2	338	330	0.34%	0.051%
34	5.267	1296	1299	1302	rBV	167	158	0.16%	0.024%

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 Title : VOC Analysis

35	5.290	1302	1306	1309	rBV2	208	176	0.18%	0.027%
36	5.441	1350	1353	1355	rBV	249	162	0.17%	0.025%
37	5.460	1355	1359	1362	rVB2	168	160	0.17%	0.025%
38	5.492	1363	1369	1373	rVB2	225	323	0.34%	0.049%
39	5.515	1373	1376	1381	rBV2	238	233	0.24%	0.036%
40	5.666	1410	1423	1445	rBV	33999	66177	68.66%	10.137%
41	5.920	1498	1502	1505	rVB	252	188	0.20%	0.029%
42	5.994	1520	1525	1528	rBV2	261	271	0.28%	0.042%
43	6.119	1553	1564	1581	rVB	23112	45461	47.16%	6.964%
44	6.219	1592	1595	1600	rBV2	268	220	0.23%	0.034%
45	6.286	1611	1616	1621	rBV2	199	253	0.26%	0.039%
46	6.322	1623	1627	1632	rBV	239	203	0.21%	0.031%
47	6.463	1665	1671	1673	rBV2	187	232	0.24%	0.036%
48	6.540	1691	1695	1699	rVB	230	200	0.21%	0.031%
49	6.572	1699	1705	1707	rBV2	182	229	0.24%	0.035%
50	6.637	1721	1725	1731	rBV	192	246	0.26%	0.038%
51	6.682	1734	1739	1743	rVB2	316	405	0.42%	0.062%
52	6.714	1743	1749	1754	rBV2	414	559	0.58%	0.086%
53	6.772	1764	1767	1769	rBV2	209	159	0.16%	0.024%
54	6.820	1777	1782	1784	rBV2	216	214	0.22%	0.033%
55	6.884	1799	1802	1808	rBV2	225	249	0.26%	0.038%
56	6.916	1808	1812	1814	rBV2	263	235	0.24%	0.036%
57	6.974	1827	1830	1834	rVB2	210	190	0.20%	0.029%
58	7.029	1838	1847	1861	rVV2	9317	16066	16.67%	2.461%
59	7.106	1869	1871	1876	rBV2	308	185	0.19%	0.028%
60	7.203	1897	1901	1905	rVB	175	170	0.18%	0.026%
61	7.228	1905	1909	1913	rVB2	187	194	0.20%	0.030%
62	7.248	1913	1915	1919	rBV2	185	182	0.19%	0.028%
63	7.360	1938	1950	1970	rBV	38245	70871	73.53%	10.856%
64	7.476	1983	1986	1990	rBV	175	187	0.19%	0.029%
65	7.666	2036	2045	2058	rVB3	5635	9247	9.59%	1.417%
66	7.730	2059	2065	2070	rVB3	330	335	0.35%	0.051%
67	7.794	2078	2085	2087	rBV	324	326	0.34%	0.050%
68	7.897	2114	2117	2120	rBV	253	214	0.22%	0.033%
69	7.978	2139	2142	2147	rVV2	257	270	0.28%	0.041%
70	8.132	2181	2190	2204	rVV3	5956	12268	12.73%	1.879%
71	8.196	2208	2210	2216	rVB4	381	296	0.31%	0.045%

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72	8.376	2263	2266	2269	rBV2	228	181	0.19%	0.028%
73	8.804	2395	2399	2403	rBV2	250	286	0.30%	0.044%
74	8.897	2417	2428	2447	rBV	43430	75220	78.04%	11.523%
75	9.158	2506	2509	2512	rBV2	324	251	0.26%	0.038%
76	9.251	2534	2538	2540	rVB	336	191	0.20%	0.029%
77	9.280	2545	2547	2551	rVB2	411	229	0.24%	0.035%
78	9.399	2581	2584	2588	rVV3	223	188	0.20%	0.029%
79	9.486	2607	2611	2613	rBV2	344	199	0.21%	0.030%
80	9.511	2613	2619	2621	rBV2	305	344	0.36%	0.053%
81	9.543	2626	2629	2633	rVB	413	306	0.32%	0.047%
82	9.576	2633	2639	2640	rBV2	256	238	0.25%	0.036%
83	10.113	2802	2806	2808	rBV2	205	168	0.17%	0.026%
84	10.167	2819	2823	2826	rVB2	214	186	0.19%	0.028%
85	10.193	2827	2831	2837	rBV2	188	255	0.26%	0.039%
86	10.260	2842	2852	2865	rVV	20948	33577	34.84%	5.144%
87	10.521	2927	2933	2934	rBV2	199	243	0.25%	0.037%
88	10.646	2968	2972	2975	rBV2	282	233	0.24%	0.036%
89	11.299	3164	3175	3190	rVV2	24245	42183	43.76%	6.462%
90	11.357	3190	3193	3199	rVB	5629	3310	3.43%	0.507%
91	11.675	3281	3292	3309	rBV2	25449	42441	44.03%	6.501%
92	13.222	3768	3773	3775	rBV	248	241	0.25%	0.037%
93	13.347	3809	3812	3821	rVB2	261	283	0.29%	0.043%
94	14.077	4036	4039	4043	rVB3	271	203	0.21%	0.031%
95	14.800	4261	4264	4267	rBV	362	301	0.31%	0.046%
96	15.032	4333	4336	4338	rBV3	270	190	0.20%	0.029%
97	15.106	4356	4359	4361	rBV	239	187	0.19%	0.029%
98	15.222	4391	4395	4403	rBV2	321	373	0.39%	0.057%
99	16.093	4664	4666	4670	rBV2	437	287	0.30%	0.044%
100	16.379	4753	4755	4758	rVB	498	173	0.18%	0.027%

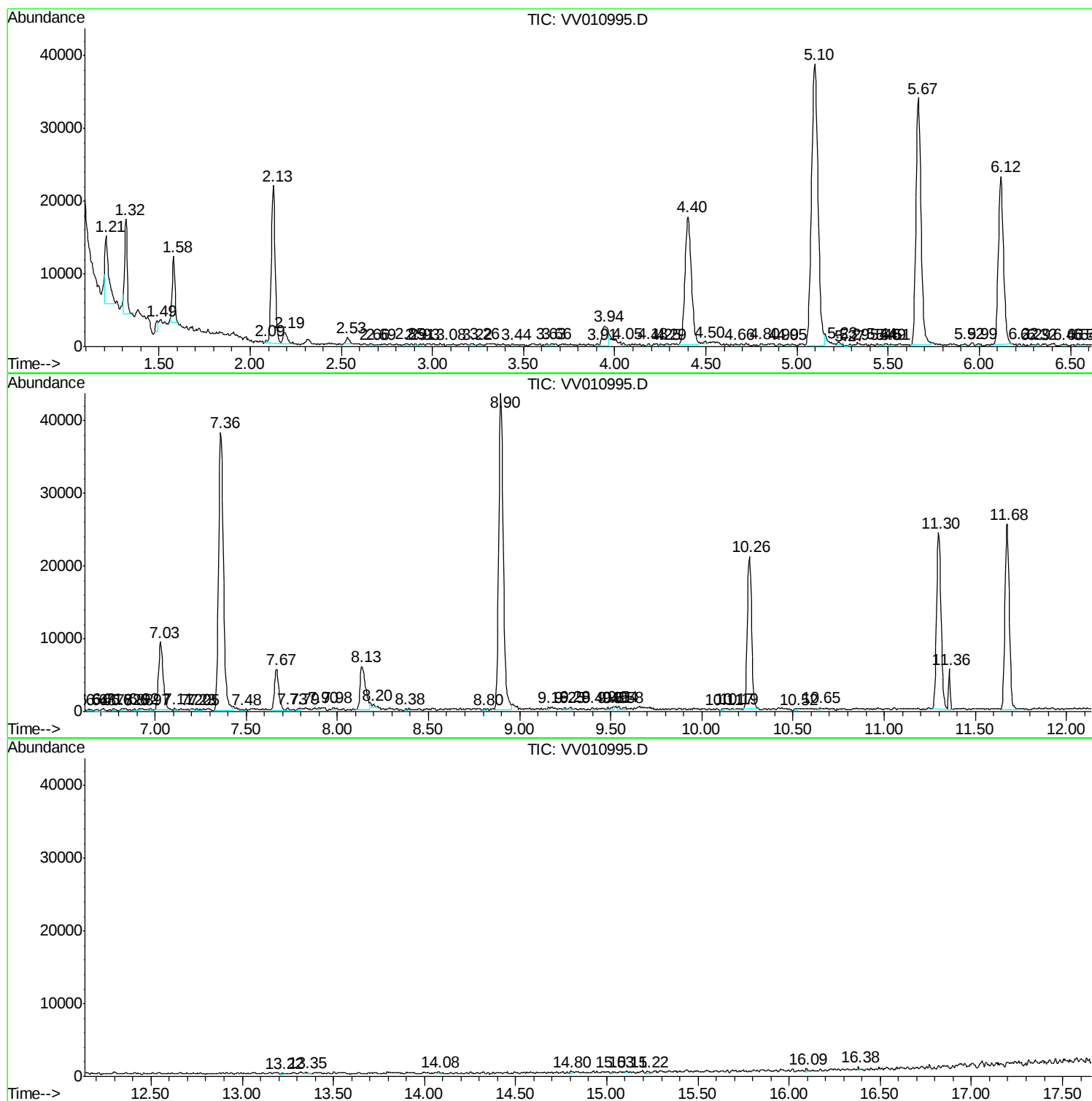
Sum of corrected areas: 652803

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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



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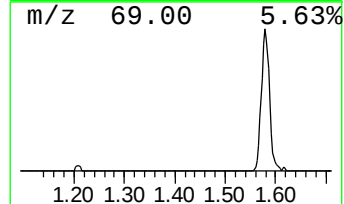
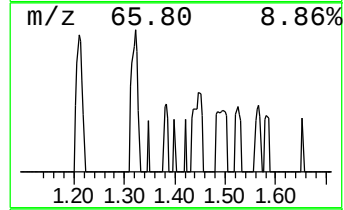
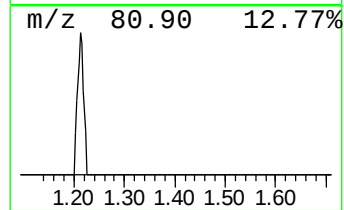
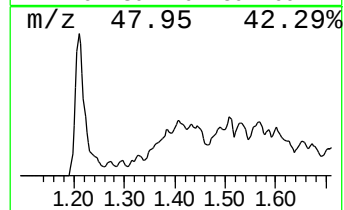
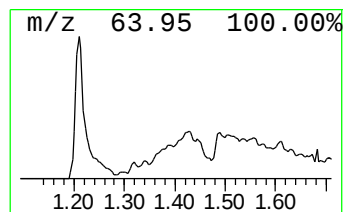
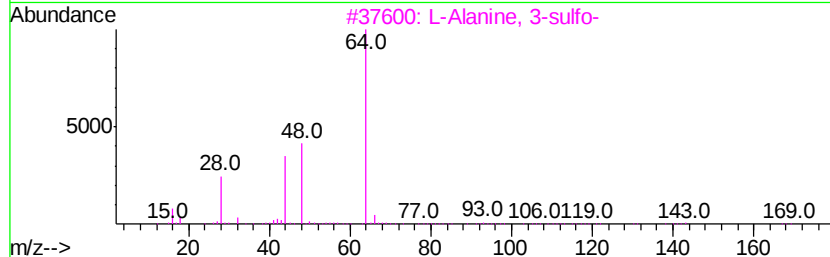
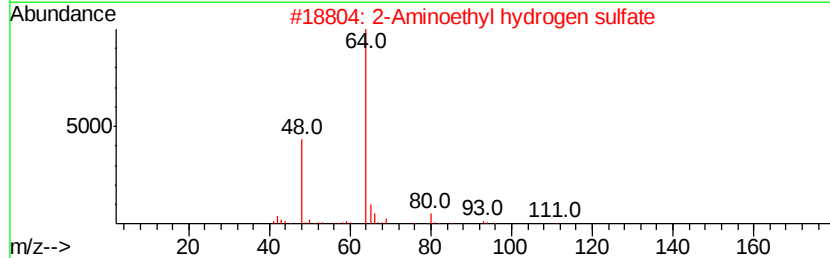
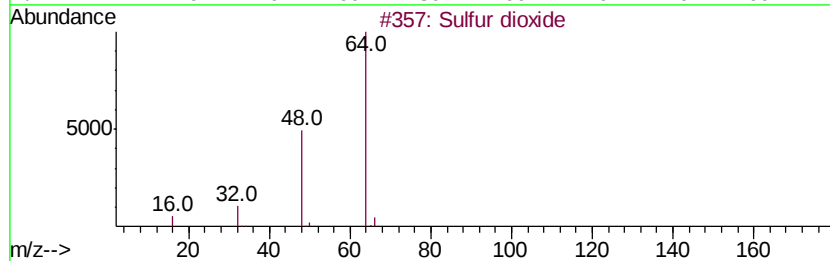
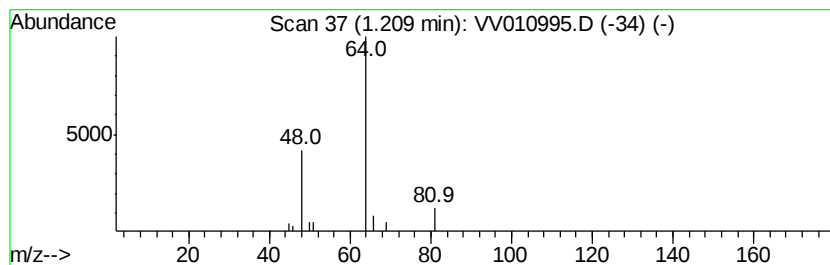
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	4.89 ug/L	12932	1,4-Difluorobenzene	5.67

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	4.9	ug/L	12932	1	5.67	66177	25.0