

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV022719\
 Data File : VV009401.D
 Acq On : 27 Feb 2019 16:31
 Operator : SY/MD
 Sample : K1626-08
 Misc : 2.75G/10ML/MSVOA V/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BF667

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\SOM2VLM022619S.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	1.315	65	70	80	rVB	67485	69686	13.21%	1.805%
2	1.579	147	152	163	rVB	105549	114139	21.64%	2.957%
3	2.126	314	322	338	rVB	177425	257757	48.88%	6.678%
4	2.229	345	354	374	rVB	138340	209696	39.77%	5.433%
5	2.537	439	450	464	rBV2	13177	22712	4.31%	0.588%
6	2.637	479	481	487	rVB3	402	301	0.06%	0.008%
7	2.891	557	560	562	rBV2	407	236	0.04%	0.006%
8	2.920	566	569	571	rVB	403	243	0.05%	0.006%
9	2.933	571	573	576	rBV3	264	223	0.04%	0.006%
10	2.978	579	587	592	rBV5	975	1604	0.30%	0.042%
11	3.235	664	667	669	rBV2	395	264	0.05%	0.007%
12	3.650	792	796	797	rBV	452	231	0.04%	0.006%
13	3.801	839	843	845	rBV2	478	377	0.07%	0.010%
14	3.901	868	874	876	rBV2	440	382	0.07%	0.010%
15	3.958	879	892	911	rBV	11831	36883	6.99%	0.956%
16	4.251	980	983	986	rBV	347	267	0.05%	0.007%
17	4.402	1011	1030	1051	rBV	91796	227738	43.19%	5.900%
18	4.531	1066	1070	1073	rBV2	552	341	0.06%	0.009%
19	4.663	1108	1111	1114	rVB2	501	296	0.06%	0.008%
20	4.695	1119	1121	1125	rVB	642	345	0.07%	0.009%
21	4.724	1125	1130	1132	rBV2	540	460	0.09%	0.012%
22	4.775	1144	1146	1151	rVB	609	430	0.08%	0.011%
23	4.801	1151	1154	1158	rVB2	498	375	0.07%	0.010%
24	4.830	1158	1163	1165	rBV2	520	456	0.09%	0.012%
25	5.023	1220	1223	1226	rBV	482	219	0.04%	0.006%
26	5.097	1226	1246	1268	rBV2	211853	527330	100.00%	13.663%
27	5.434	1348	1351	1352	rBV3	451	222	0.04%	0.006%
28	5.518	1373	1377	1380	rBV	320	278	0.05%	0.007%
29	5.563	1388	1391	1395	rBV2	247	230	0.04%	0.006%
30	5.662	1408	1422	1456	rBV2	193984	397131	75.31%	10.289%
31	5.888	1490	1492	1495	rBV2	301	205	0.04%	0.005%
32	5.949	1507	1511	1514	rVB3	853	620	0.12%	0.016%
33	6.055	1537	1544	1548	rBV3	563	650	0.12%	0.017%
34	6.116	1549	1563	1587	rBV	117717	244068	46.28%	6.324%

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 Title : VOC Analysis

35	6.405	1647	1653	1656	rBV4	538	595	0.11%	0.015%
36	6.479	1671	1676	1678	rBV	427	377	0.07%	0.010%
37	6.531	1688	1692	1694	rBV2	329	216	0.04%	0.006%
38	6.646	1723	1728	1729	rBV	582	403	0.08%	0.010%
39	6.672	1734	1736	1738	rBV2	328	196	0.04%	0.005%
40	6.807	1774	1778	1782	rBV2	751	794	0.15%	0.021%
41	6.945	1818	1821	1824	rBV	331	199	0.04%	0.005%
42	6.965	1824	1827	1830	rBV3	340	236	0.04%	0.006%
43	6.981	1830	1832	1835	rVB	490	222	0.04%	0.006%
44	7.029	1835	1847	1865	rBV2	46970	86567	16.42%	2.243%
45	7.283	1923	1926	1927	rBV	517	263	0.05%	0.007%
46	7.360	1937	1950	1967	rBV	253616	449996	85.33%	11.659%
47	7.563	2010	2013	2019	rVB3	490	431	0.08%	0.011%
48	7.608	2023	2027	2030	rVB3	352	224	0.04%	0.006%
49	7.662	2033	2044	2064	rBV	29291	52234	9.91%	1.353%
50	7.923	2121	2125	2127	rBV3	702	522	0.10%	0.014%
51	8.029	2153	2158	2165	rVB3	652	965	0.18%	0.025%
52	8.064	2167	2169	2171	rBV	416	225	0.04%	0.006%
53	8.142	2182	2193	2221	rBV3	46611	103757	19.68%	2.688%
54	8.367	2260	2263	2269	rVB3	525	454	0.09%	0.012%
55	8.389	2269	2270	2273	rBV	325	194	0.04%	0.005%
56	8.408	2273	2276	2280	rVB2	419	378	0.07%	0.010%
57	8.524	2310	2312	2317	rBV3	716	540	0.10%	0.014%
58	8.633	2343	2346	2349	rVV3	500	337	0.06%	0.009%
59	8.653	2349	2352	2358	rVB2	494	354	0.07%	0.009%
60	8.698	2363	2366	2369	rBV3	364	264	0.05%	0.007%
61	8.897	2416	2428	2449	rBV	243028	417388	79.15%	10.814%
62	9.051	2474	2476	2481	rVB3	489	382	0.07%	0.010%
63	9.116	2492	2496	2499	rVV3	604	413	0.08%	0.011%
64	9.145	2501	2505	2509	rVB2	543	354	0.07%	0.009%
65	9.251	2533	2538	2539	rBV2	404	297	0.06%	0.008%
66	9.354	2568	2570	2577	rBV3	339	320	0.06%	0.008%
67	9.444	2594	2598	2602	rVB3	600	535	0.10%	0.014%
68	9.572	2635	2638	2640	rBV2	335	229	0.04%	0.006%
69	9.666	2664	2667	2671	rBV3	452	296	0.06%	0.008%
70	9.711	2678	2681	2684	rBV3	450	326	0.06%	0.008%
71	9.813	2710	2713	2715	rVB	273	193	0.04%	0.005%

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72	9.830	2715	2718	2719	rBV	366	207	0.04%	0.005%
73	9.926	2745	2748	2749	rBV	352	217	0.04%	0.006%
74	9.948	2752	2755	2759	rVV4	548	480	0.09%	0.012%
75	10.016	2774	2776	2778	rBV	473	268	0.05%	0.007%
76	10.061	2788	2790	2796	rVB2	490	413	0.08%	0.011%
77	10.158	2816	2820	2825	rVV4	502	558	0.11%	0.014%
78	10.264	2842	2853	2869	rVB	77944	128299	24.33%	3.324%
79	10.328	2870	2873	2879	rVB4	305	300	0.06%	0.008%
80	10.434	2896	2906	2910	rBV7	1893	2809	0.53%	0.073%
81	10.662	2972	2977	2982	rBV4	762	823	0.16%	0.021%
82	10.704	2988	2990	2993	rBV2	406	302	0.06%	0.008%
83	10.743	2998	3002	3003	rBV	475	305	0.06%	0.008%
84	10.788	3013	3016	3018	rVB	398	261	0.05%	0.007%
85	10.813	3020	3024	3027	rBV3	493	463	0.09%	0.012%
86	10.836	3027	3031	3037	rVV5	1306	1573	0.30%	0.041%
87	10.874	3041	3043	3049	rBV3	557	391	0.07%	0.010%
88	10.913	3051	3055	3059	rBV3	504	483	0.09%	0.013%
89	10.936	3059	3062	3064	rBV3	796	576	0.11%	0.015%
90	11.045	3092	3096	3100	rVB3	629	525	0.10%	0.014%
91	11.084	3101	3108	3112	rBV6	958	1150	0.22%	0.030%
92	11.235	3150	3155	3162	rVB6	2600	3757	0.71%	0.097%
93	11.296	3163	3174	3191	rVB	160995	260729	49.44%	6.755%
94	11.363	3191	3195	3197	rBV2	1474	961	0.18%	0.025%
95	11.524	3241	3245	3247	rVB3	489	382	0.07%	0.010%
96	11.556	3252	3255	3259	rBV2	334	236	0.04%	0.006%
97	11.672	3280	3291	3306	rVB2	129069	210000	39.82%	5.441%
98	11.836	3335	3342	3345	rBV5	1792	2426	0.46%	0.063%
99	12.579	3571	3573	3575	rBV2	591	206	0.04%	0.005%
100	12.849	3650	3657	3663	rBV9	1662	2514	0.48%	0.065%

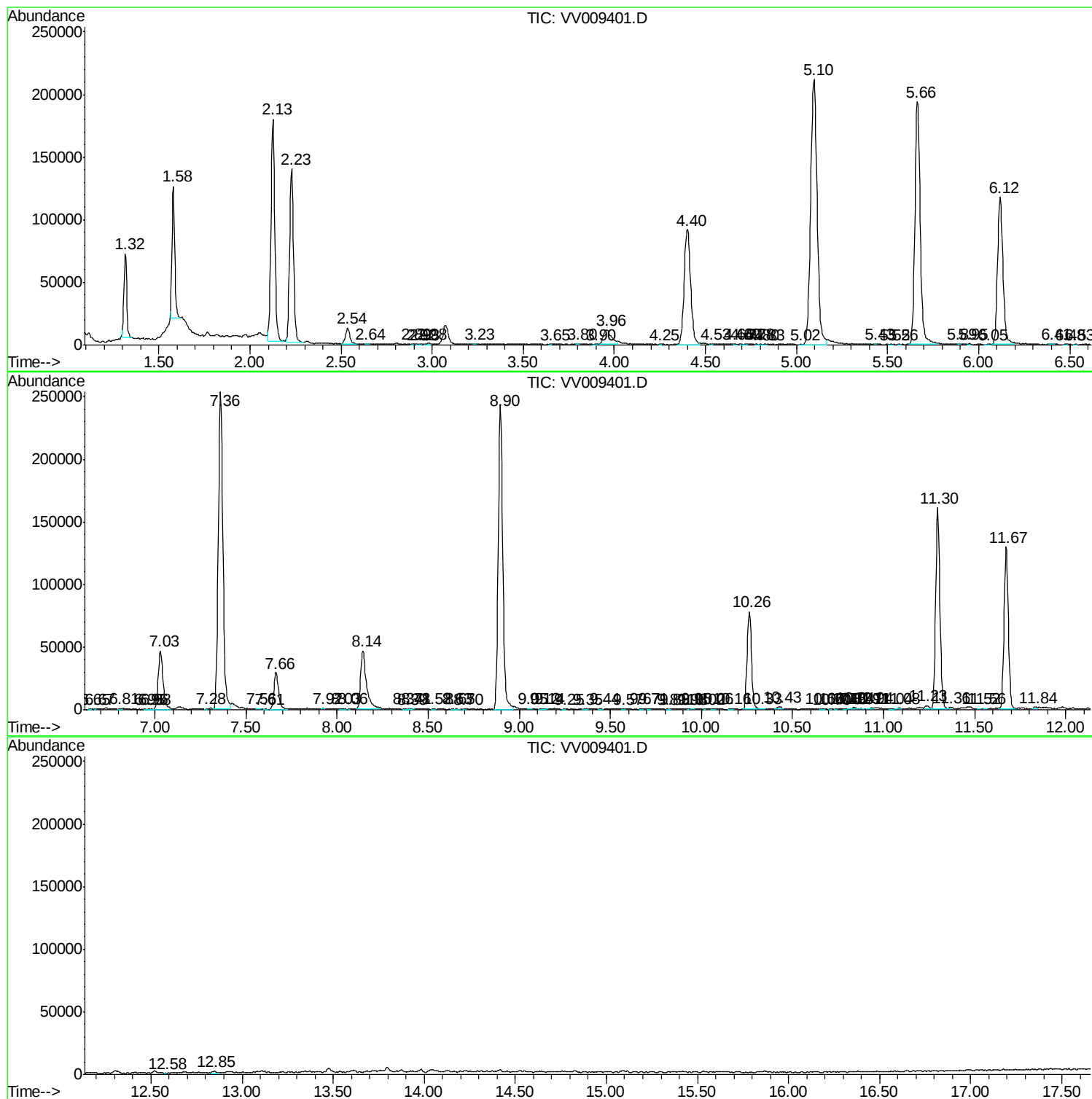
Sum of corrected areas: 3859685

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis

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



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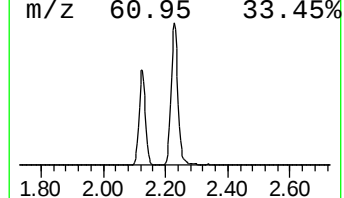
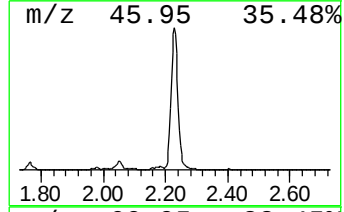
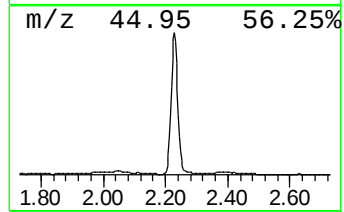
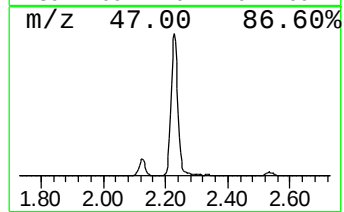
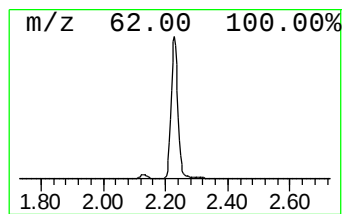
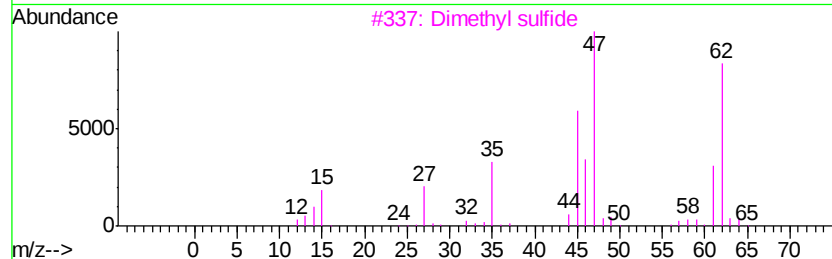
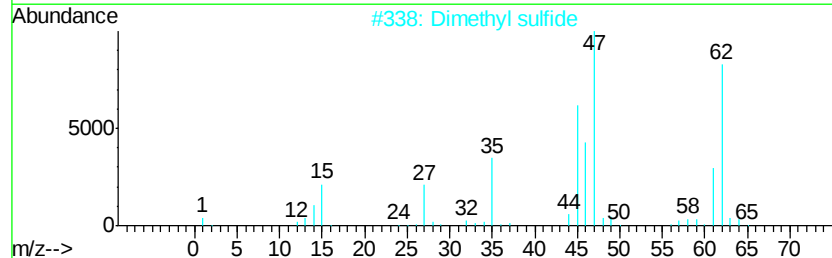
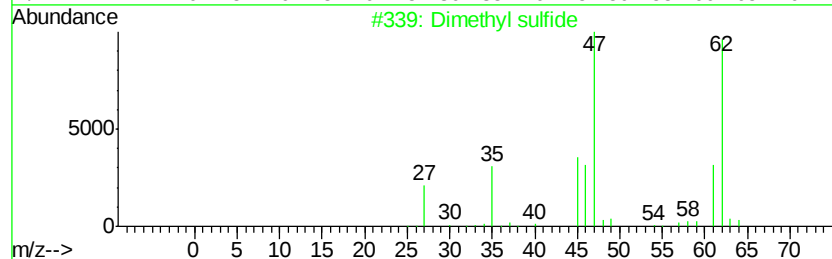
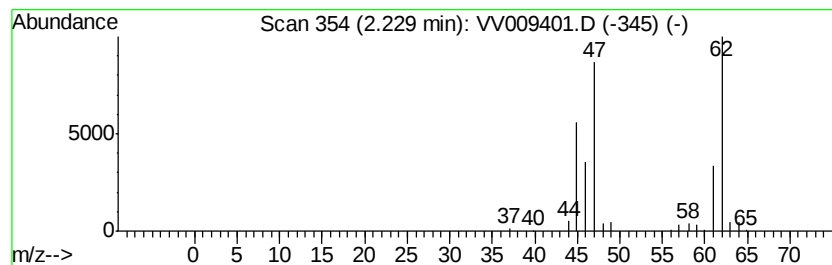
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Dimethyl sulfide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	13.20 ug/L	209696	1,4-Difluorobenzene	5.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dimethyl sulfide	62	C2H6S	000075-18-3	94
2		Dimethyl sulfide	62	C2H6S	000075-18-3	94
3		Dimethyl sulfide	62	C2H6S	000075-18-3	94
4		Dimethyl sulfide	62	C2H6S	000075-18-3	91
5		Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dimethyl sulfide	2.23	13.2	ug/L	209696	1	5.66	397131	25.0