LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022119\
Data File : VV009319.D
Acq On : 21 Feb 2019 12:41
Operator : SY/MD
Sample : K1543-03
Misc : 5.53G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5X0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.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	1.319	65	71	85	rVB	81676	86231	16.88%	2.035%
2	1.579	147	152	183	rVB	118208	180437	35.32%	4.258%
3	2.126	315	322	334	rVB	187564	261043	51.10%	6.160%
4	2.228	347	354	365	rVB	62293	93018	18.21%	2.195%
5	2.537	440	450	464	rBV2	14316	23866	4.67%	0.563%
6	2.855	547	549	555	rVB2	529	322	0.06%	0.008%
7	2.888	555	559	563	rBV4	742	664	0.13%	0.016%
8	2.933	569	573	574	rBV	448	399	0.08%	0.009%
9	3.016	598	599	602	rBV	472	243	0.05%	0.006%
10	3.064	608	614	615	rBV4	1320	1147	0.22%	0.027%
11	3.315	687	692	696	rBV3	515	485	0.09%	0.011%
12	3.335	696	698	703	rBV2	398	263	0.05%	0.006%
13	3.708	812	814	817	rBV	393	241	0.05%	0.006%
14	3.743	823	825	827	rBV	561	263	0.05%	0.006%
15	3.820	845	849	851	rBV2	496	332	0.06%	0.008%
16	3.852	857	859	862	rVB	625	288	0.06%	0.007%
17	3.955	878	891	902	rBV2	17011	47280	9.26%	1.116%
18	4.248	980	982	986	rBV3	618	446	0.09%	0.011%
19	4.344	1008	1012	1013	rBV2	631	331	0.06%	0.008%
20	4.402	1015	1030	1055	rVV	85663	208265	40.77%	4.915%
21	4.592	1085	1089	1092	rBV3	761	663	0.13%	0.016%
22	4.653	1105	1108	1112	rBV3	489	434	0.08%	0.010%
23	4.682	1115	1117	1121	rBV2	426	278	0.05%	0.007%
24	4.849	1166	1169	1171	rBV3	606	373	0.07%	0.009%
25	5.097	1228	1246	1272	rBV2	202137	510840	100.00%	12.055%
26	5.412	1341	1344	1346	rBV3	707	452	0.09%	0.011%
27	5.463	1357	1360	1366	rBV3	792	832	0.16%	0.020%
28	5.502	1366	1372	1373	rBV3	346	288	0.06%	0.007%
29	5.608	1403	1405	1410	rBV3	363	386	0.08%	0.009%
30	5.666	1410	1423	1440	rBV	166198	336870	65.94%	7.949%
31	5.894	1490	1494	1497	rBV	503	418	0.08%	0.010%
32	6.013	1528	1531	1535	rBV3	304	292	0.06%	0.007%
33	6.119	1545	1564	1586	rBV2	114773	240962	47.17%	5.686%
34	6.338	1629	1632	1635	rBV2	492	395	0.08%	0.009%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5X0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Title : VOC Analysis

35	6.457	1667	1669	1670	rBV	659	310	0.06%	0.007%
36	6.479	1673	1676	1679	rBV3	368	273	0.05%	0.006%
37	6.633	1722	1724	1729	rVB3	444	274	0.05%	0.006%
38	6.685	1736	1740	1744	rBV3	549	462	0.09%	0.011%
39	6.823	1780	1783	1785	rBV3	444	292	0.06%	0.007%
40	7.029	1835	1847	1873	rBV	72112	132460	25.93%	3.126%
41	7.251	1909	1916	1920	rBV3	558	805	0.16%	0.019%
42	7.360	1939	1950	1971	rBV	249753	434939	85.14%	10.264%
43	7.576	2015	2017	2021	rVB3	901	500	0.10%	0.012%
44	7.601	2021	2025	2027	rBV2	382	268	0.05%	0.006%
45	7.666	2033	2045	2065	rBV	45253	81968	16.05%	1.934%
46	7.984	2138	2144	2148	rBV4	2096	3087	0.60%	0.073%
47	8.074	2168	2172	2173	rBV3	455	316	0.06%	0.007%
48	8.141	2181	2193	2218	rBV3	70292	136583	26.74%	3.223%
49	8.395	2268	2272	2274	rBV4	737	511	0.10%	0.012%
50	8.412	2274	2277	2279	rBV	469	281	0.06%	0.007%
51	8.608	2334	2338	2340	rBV	341	250	0.05%	0.006%
52	8.739	2374	2379	2383	rBV4	599	564	0.11%	0.013%
53	8.897	2415	2428	2451	rBV	257478	440547	86.24%	10.396%
54	9.055	2475	2477	2483	rVB4	685	565	0.11%	0.013%
55	9.090	2483	2488	2490	rBV2	643	531	0.10%	0.013%
56	9.286	2545	2549	2553	rVB2	427	291	0.06%	0.007%
57	9.325	2558	2561	2565	rVB3	391	272	0.05%	0.006%
58	9.408	2584	2587	2594	rVB4	462	514	0.10%	0.012%
59	9.440	2594	2597	2600	rBV3	396	316	0.06%	0.007%
60	9.579	2637	2640	2643	rBV2	505	368	0.07%	0.009%
61	9.643	2657	2660	2663	rVB2	567	302	0.06%	0.007%
62	10.006	2771	2773	2778	rVB2	620	411	0.08%	0.010%
63	10.035	2778	2782	2783	rBV3	517	333	0.07%	0.008%
64	10.154	2816	2819	2822	rBV2	573	447	0.09%	0.011%
65	10.264	2842	2853	2866	rBV	115184	182294	35.69%	4.302%
66	10.428	2897	2904	2920	rVB4	5801	10448	2.05%	0.247%
67	10.489	2920	2923	2927	rBV2	624	541	0.11%	0.013%
68	10.739	2999	3001	3006	rVB2	549	306	0.06%	0.007%
69	10.772	3006	3011	3014	rBV3	447	346	0.07%	0.008%
70	10.794	3016	3018	3022	rBV3	602	421	0.08%	0.010%
71	10.964	3063	3071	3086	rVB6	1657	3106	0.61%	0.073%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5X0

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Title : VOC Analysis

72	11.067	3097	3103	3104	rBV2	492	312	0.06%	0.007%
73	11.190	3133	3141	3154	rBV7	2270	4537	0.89%	0.107%
74	11.296	3163	3174	3190	rVB	249823	404684	79.22%	9.550%
75	11.440	3211	3219	3226	rBV8	1516	2926	0.57%	0.069%
76	11.595	3264	3267	3269	rBV2	414	331	0.06%	0.008%
77	11.672	3281	3291	3308	rVB	232921	374652	73.34%	8.841%
78	11.775	3320	3323	3328	rVB3	700	598	0.12%	0.014%
79	11.817	3333	3336	3337	rBV2	579	252	0.05%	0.006%
80	11.948	3372	3377	3380	rBV3	867	878	0.17%	0.021%
81	12.099	3421	3424	3428	rBV	661	515	0.10%	0.012%
82	12.151	3437	3440	3441	rBV2	476	258	0.05%	0.006%
83	12.215	3455	3460	3461	rBV2	587	475	0.09%	0.011%
84	12.283	3477	3481	3483	rBV2	686	565	0.11%	0.013%
85	12.408	3513	3520	3525	rBV6	1233	1360	0.27%	0.032%
86	12.434	3526	3528	3532	rVB3	493	259	0.05%	0.006%
87	12.479	3539	3542	3545	rBV3	570	355	0.07%	0.008%
88	12.726	3617	3619	3621	rBV3	512	280	0.05%	0.007%
89	12.884	3662	3668	3671	rBV4	377	377	0.07%	0.009%
90	12.900	3671	3673	3676	rVB	487	240	0.05%	0.006%
91	12.980	3696	3698	3705	rVB2	578	443	0.09%	0.010%
92	13.016	3705	3709	3710	rBV	414	325	0.06%	0.008%
93	13.550	3872	3875	3876	rBV3	674	352	0.07%	0.008%
94	13.743	3934	3935	3941	rBV4	487	443	0.09%	0.010%
95	13.797	3946	3952	3960	rVB3	3103	3987	0.78%	0.094%
96	13.971	4002	4006	4014	rBV4	568	746	0.15%	0.018%
97	14.058	4031	4033	4036	rBV2	786	484	0.09%	0.011%
98	14.267	4093	4098	4101	rVB3	534	478	0.09%	0.011%
99	14.762	4249	4252	4255	rBV	377	320	0.06%	0.008%
100	15.443	4462	4464	4470	rBV4	763	672	0.13%	0.016%

Sum of corrected areas: 4237653

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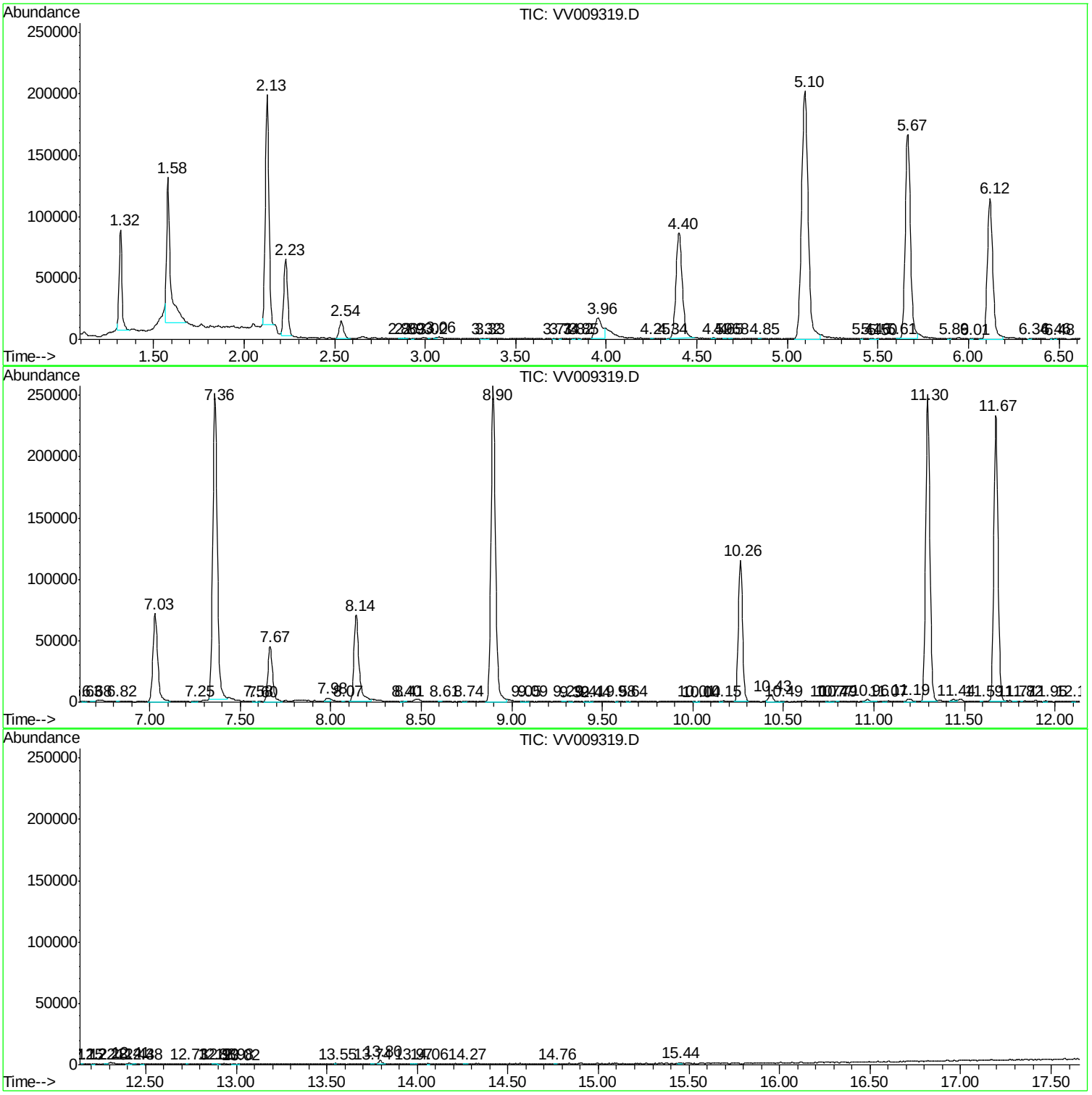
Instrument :
MSVOA_V
ClientSampleId :
BF5X0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022119\
Data File : VV009319.D
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Operator : SY/MD
Sample : K1543-03
Misc : 5.53G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5X0

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022019S.M
Quant Title : VOC Analysis

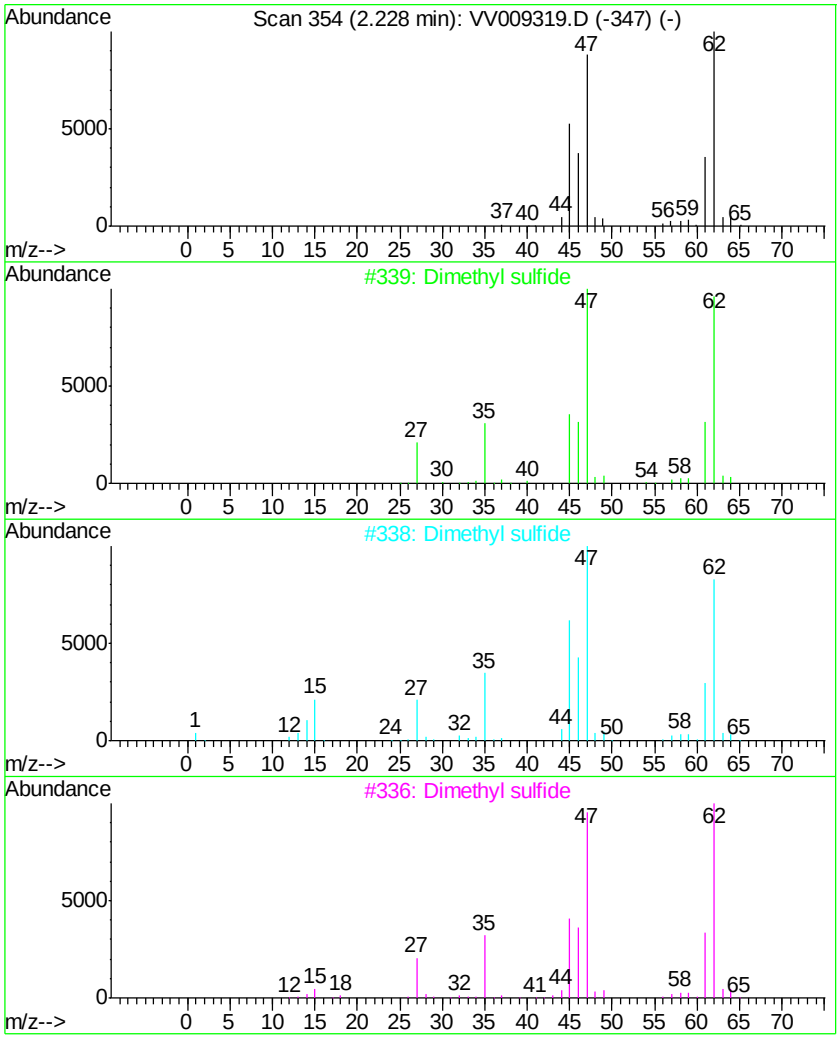
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

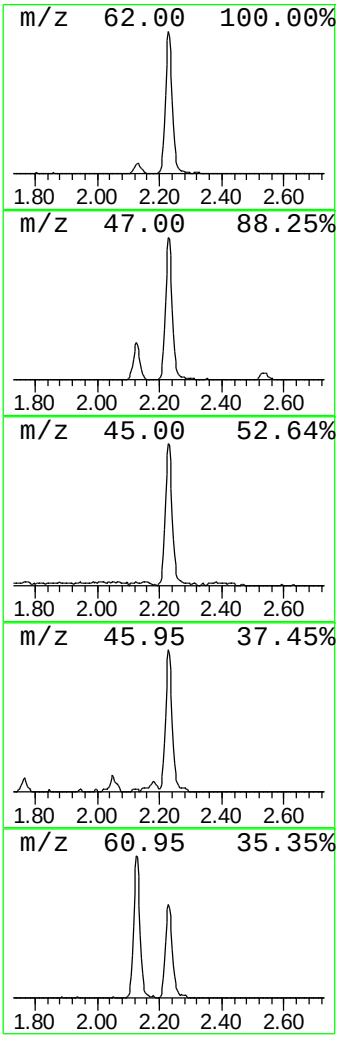
****

Peak Number 1 Dimethyl sulfide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	6.90 ug/L	93018	1,4-Difluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dimethyl sulfide	2.23	6.9	ug/L	93018	1	5.67	336870	25.0