LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV092519\
Data File : VV012982.D
Acq On : 25 Sep 2019 17:44
Operator : SY/MD
Sample : K4988-04
Misc : 4.50G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ESNY7

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\SOM2VLM092319S.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	1.316	65	70	90	rVB	271334	298100	19.36%	2.991%
2	1.579	146	152	167	rVB	265831	303411	19.71%	3.044%
3	2.129	314	323	335	rBV	378726	525447	34.13%	5.272%
4	2.229	346	354	375	rVB	328410	496910	32.28%	4.986%
5	2.534	441	449	463	rVB	51138	86413	5.61%	0.867%
6	2.779	522	525	526	rBV3	514	227	0.01%	0.002%
7	2.827	537	540	542	rBV2	570	317	0.02%	0.003%
8	2.901	561	563	566	rBV	715	335	0.02%	0.003%
9	2.939	573	575	578	rVV	525	241	0.02%	0.002%
10	3.016	597	599	605	rVB3	787	589	0.04%	0.006%
11	3.071	606	616	633	rVV3	10436	22510	1.46%	0.226%
12	3.177	647	649	655	rVB5	674	507	0.03%	0.005%
13	3.219	659	662	666	rVV2	709	459	0.03%	0.005%
14	3.235	666	667	669	rVV	424	183	0.01%	0.002%
15	3.248	669	671	675	rVB3	611	337	0.02%	0.003%
16	3.338	697	699	703	rVB2	702	418	0.03%	0.004%
17	3.364	703	707	710	rBV4	1100	867	0.06%	0.009%
18	3.434	726	729	731	rBV2	534	421	0.03%	0.004%
19	3.492	741	747	752	rBV4	573	769	0.05%	0.008%
20	3.515	752	754	756	rBV2	502	285	0.02%	0.003%
21	3.727	816	820	824	rBV5	756	627	0.04%	0.006%
22	3.762	828	831	833	rBV3	435	294	0.02%	0.003%
23	3.798	839	842	844	rVB2	385	231	0.02%	0.002%
24	3.823	849	850	853	rVB2	600	192	0.01%	0.002%
25	3.840	853	855	857	rBV2	383	191	0.01%	0.002%
26	3.981	878	899	901	rBV3	9099	20158	1.31%	0.202%
27	4.219	971	973	976	rBV2	733	538	0.03%	0.005%
28	4.274	988	990	992	rVB3	911	379	0.02%	0.004%
29	4.299	995	998	1000	rBV2	620	535	0.03%	0.005%
30	4.396	1013	1028	1057	rBV	310906	759957	49.36%	7.626%
31	4.589	1085	1088	1090	rBV3	611	422	0.03%	0.004%
32	4.621	1096	1098	1102	rBV4	721	459	0.03%	0.005%
33	4.714	1126	1127	1129	rBV2	597	316	0.02%	0.003%
34	4.849	1167	1169	1172	rBV	386	249	0.02%	0.002%

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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Title : VOC Analysis

35	4.907	1186	1187	1189	rBV3	480	225	0.01%	0.002%
36	4.987	1209	1212	1217	rVB3	721	404	0.03%	0.004%
37	5.016	1217	1221	1222	rBV2	500	360	0.02%	0.004%
38	5.090	1225	1244	1279	rBV2	592486	1539505	100.00%	15.448%
39	5.341	1318	1322	1325	rBV3	881	738	0.05%	0.007%
40	5.450	1354	1356	1361	rVB3	777	553	0.04%	0.006%
41	5.508	1371	1374	1375	rBV2	723	367	0.02%	0.004%
42	5.573	1391	1394	1396	rBV3	498	254	0.02%	0.003%
43	5.592	1396	1400	1403	rVB4	680	514	0.03%	0.005%
44	5.663	1403	1422	1446	rBV	647540	1294684	84.10%	12.991%
45	6.116	1549	1563	1585	rBV	419341	846855	55.01%	8.497%
46	6.547	1694	1697	1701	rBV5	553	450	0.03%	0.005%
47	6.598	1709	1713	1715	rBV	705	447	0.03%	0.004%
48	6.627	1721	1722	1725	rVB	661	240	0.02%	0.002%
49	6.663	1728	1733	1735	rBV4	950	783	0.05%	0.008%
50	6.688	1739	1741	1743	rBV	619	374	0.02%	0.004%
51	6.811	1776	1779	1780	rBV	737	359	0.02%	0.004%
52	6.820	1780	1782	1787	rVB2	929	532	0.03%	0.005%
53	6.846	1787	1790	1794	rBV3	953	763	0.05%	0.008%
54	6.865	1794	1796	1797	rBV2	569	218	0.01%	0.002%
55	6.965	1825	1827	1830	rBV3	862	576	0.04%	0.006%
56	7.029	1837	1847	1867	rBV2	49376	92565	6.01%	0.929%
57	7.212	1901	1904	1906	rBV3	936	442	0.03%	0.004%
58	7.225	1906	1908	1912	rVB2	1042	696	0.05%	0.007%
59	7.248	1912	1915	1917	rBV3	847	461	0.03%	0.005%
60	7.277	1922	1924	1926	rBV3	412	185	0.01%	0.002%
61	7.357	1937	1949	1966	rBV	461945	804244	52.24%	8.070%
62	7.663	2035	2044	2059	rBV	40716	69826	4.54%	0.701%
63	7.981	2133	2143	2150	rBV2	8823	14614	0.95%	0.147%
64	8.145	2186	2194	2199	rBV3	21472	38703	2.51%	0.388%
65	8.466	2290	2294	2295	rBV2	547	439	0.03%	0.004%
66	8.653	2351	2352	2355	rVB2	737	340	0.02%	0.003%
67	8.894	2414	2427	2458	rBV	708010	1155466	75.05%	11.594%
68	9.090	2486	2488	2491	rBV3	831	514	0.03%	0.005%
69	9.183	2514	2517	2521	rBV4	1254	829	0.05%	0.008%
70	9.302	2551	2554	2557	rBV2	688	506	0.03%	0.005%
71	9.441	2592	2597	2599	rVB2	703	508	0.03%	0.005%

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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

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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Title : VOC Analysis

72	9.453	2599	2601	2604	rVB2	464	191	0.01%	0.002%
73	9.479	2606	2609	2612	rBV3	542	363	0.02%	0.004%
74	9.589	2634	2643	2646	rBV9	1137	1854	0.12%	0.019%
75	9.662	2662	2666	2668	rBV3	598	562	0.04%	0.006%
76	9.740	2688	2690	2694	rBV2	619	380	0.02%	0.004%
77	9.904	2739	2741	2744	rBV2	466	242	0.02%	0.002%
78	9.945	2748	2754	2760	rBV5	1472	1630	0.11%	0.016%
79	10.016	2772	2776	2777	rBV3	462	286	0.02%	0.003%
80	10.129	2809	2811	2814	rBV3	369	239	0.02%	0.002%
81	10.170	2822	2824	2826	rVB3	699	193	0.01%	0.002%
82	10.180	2826	2827	2831	rBV	499	230	0.01%	0.002%
83	10.257	2840	2851	2868	rVB	275562	435377	28.28%	4.369%
84	10.425	2891	2903	2914	rVB2	16023	27352	1.78%	0.274%
85	10.579	2949	2951	2953	rBV2	524	319	0.02%	0.003%
86	10.608	2957	2960	2962	rBV	1605	1263	0.08%	0.013%
87	10.736	2995	3000	3003	rBV2	881	797	0.05%	0.008%
88	10.769	3007	3010	3012	rBV	654	413	0.03%	0.004%
89	10.842	3030	3033	3039	rBV3	1000	1043	0.07%	0.010%
90	10.904	3049	3052	3053	rBV	434	287	0.02%	0.003%
91	11.068	3100	3103	3107	rVB3	964	661	0.04%	0.007%
92	11.125	3118	3121	3124	rBV3	511	311	0.02%	0.003%
93	11.148	3124	3128	3129	rBV	496	372	0.02%	0.004%
94	11.180	3135	3138	3139	rBV2	1171	753	0.05%	0.008%
95	11.293	3161	3173	3189	rBV	389821	621474	40.37%	6.236%
96	11.669	3279	3290	3304	rBV	265561	420553	27.32%	4.220%
97	11.968	3381	3383	3386	rBV2	899	672	0.04%	0.007%
98	12.293	3473	3484	3497	rBV4	6578	12264	0.80%	0.123%
99	13.209	3761	3769	3779	rVB7	12589	21250	1.38%	0.213%
100	13.791	3944	3950	3960	rVB3	15268	21783	1.41%	0.219%

Sum of corrected areas: 9965947

LSC Report - Integrated Chromatogram

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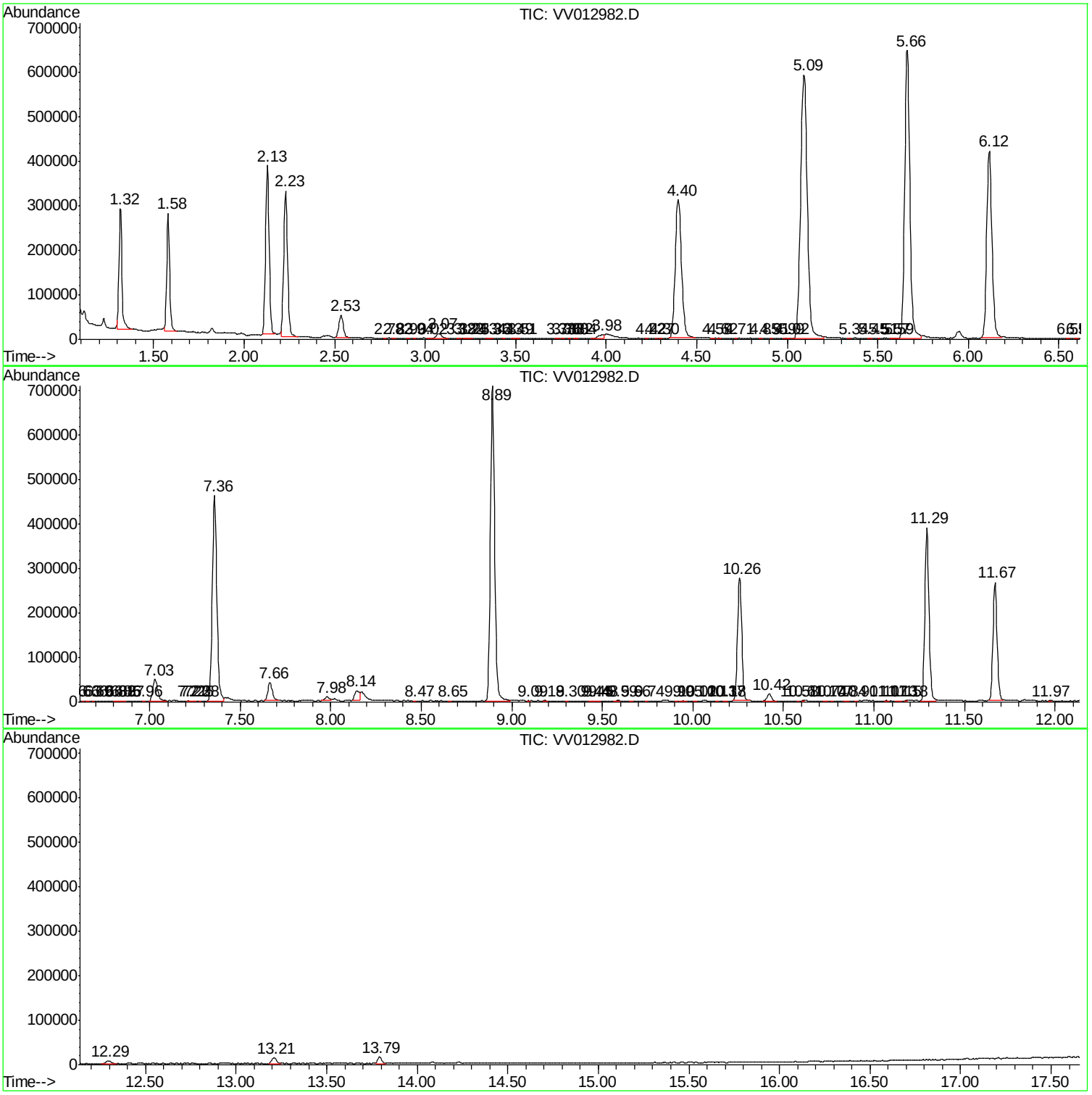
Instrument : MSVOA_V
ClientSampleId : ESNY7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.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\VV092519\
Data File : VV012982.D
Acq On : 25 Sep 2019 17:44
Operator : SY/MD
Sample : K4988-04
Misc : 4.50G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ESNY7

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM092319S.M
Quant Title : VOC Analysis

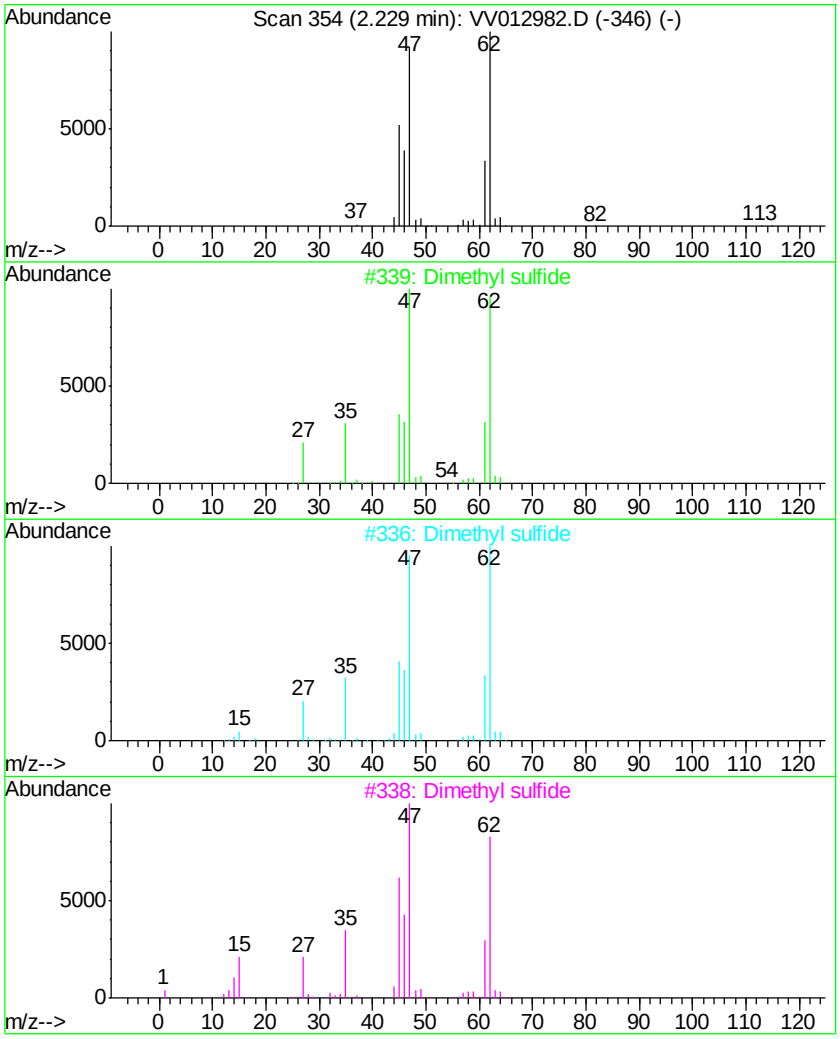
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

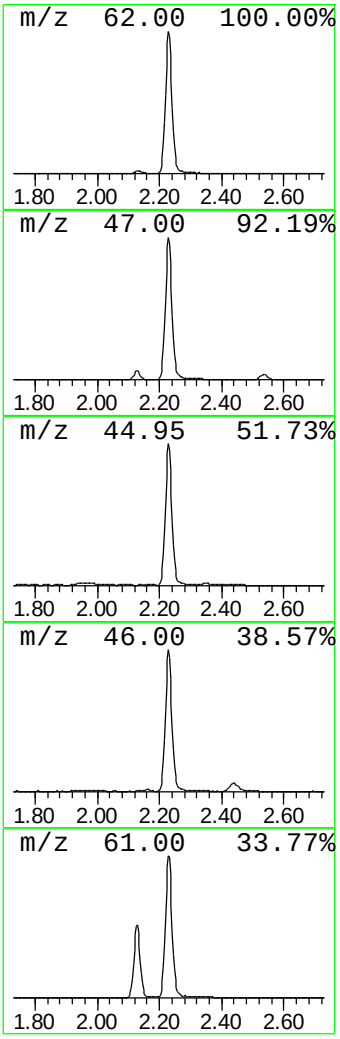
****

Peak Number 1 Dimethyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	9.60 ug/L	496910	1,4-Difluorobenzene	5.66

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	91
4	Dimethyl sulfide	62	C2H6S	000075-18-3	91
5	Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	83





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	9.6	ug/L	496910	1	5.66	1294680	25.0