LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV030519\
Data File : VV009494.D
Acq On : 05 Mar 2019 19:14
Operator : SY/MD
Sample : K1662-05RE
Misc : 5.28G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFC61RE

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\SOM2VLM030519S.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	1.206	32	36	40	rBV2	5883	5252	1.51%	0.195%
2	1.315	65	70	82	rVB	50254	51129	14.72%	1.901%
3	1.576	146	151	166	rVB	47309	57562	16.58%	2.140%
4	2.126	313	322	339	rVB	116063	169848	48.91%	6.316%
5	2.228	346	354	376	rVB	73453	109543	31.55%	4.073%
6	2.412	408	411	412	rBV2	219	121	0.03%	0.004%
7	2.457	422	425	427	rBV2	214	121	0.03%	0.004%
8	2.537	441	450	461	rVB3	6980	11841	3.41%	0.440%
9	2.637	478	481	483	rBV2	145	120	0.03%	0.004%
10	2.801	529	532	536	rVB2	320	198	0.06%	0.007%
11	2.823	536	539	544	rBV2	342	308	0.09%	0.011%
12	2.884	555	558	561	rBV2	216	190	0.05%	0.007%
13	3.016	596	599	606	rVB2	253	276	0.08%	0.010%
14	3.077	606	618	632	rBV4	1477	3228	0.93%	0.120%
15	3.199	653	656	661	rVB	262	222	0.06%	0.008%
16	3.428	723	727	731	rBV2	274	243	0.07%	0.009%
17	3.611	781	784	787	rBV2	264	210	0.06%	0.008%
18	3.659	793	799	805	rVB2	413	598	0.17%	0.022%
19	3.698	805	811	812	rBV	278	239	0.07%	0.009%
20	3.839	849	855	860	rBV2	252	303	0.09%	0.011%
21	3.897	870	873	874	rBV	264	114	0.03%	0.004%
22	3.949	878	889	910	rVV	10391	28809	8.30%	1.071%
23	4.119	939	942	945	rBV2	352	226	0.07%	0.008%
24	4.183	959	962	966	rVB3	219	143	0.04%	0.005%
25	4.244	978	981	984	rVB	257	159	0.05%	0.006%
26	4.289	989	995	1000	rVB2	334	365	0.11%	0.014%
27	4.402	1012	1030	1050	rBV	59215	144650	41.66%	5.379%
28	4.627	1097	1100	1103	rBV2	193	149	0.04%	0.006%
29	5.093	1228	1245	1266	rBV3	136946	347249	100.00%	12.912%
30	5.344	1319	1323	1325	rBV3	404	293	0.08%	0.011%
31	5.389	1334	1337	1339	rBV	290	179	0.05%	0.007%
32	5.460	1355	1359	1363	rBV	281	270	0.08%	0.010%
33	5.563	1386	1391	1394	rBV	464	460	0.13%	0.017%
34	5.662	1409	1422	1445	rBV2	100565	204249	58.82%	7.595%

LSC Area Percent Report

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Misc : 5.28G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFC61RE

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\SOM2VLM030519S.M
Title : VOC Analysis

35	5.862	1480	1484	1489	rBV3	433	454	0.13%	0.017%
36	5.891	1489	1493	1494	rBV2	228	157	0.05%	0.006%
37	5.907	1494	1498	1499	rBV2	386	190	0.05%	0.007%
38	6.119	1550	1564	1589	rBV2	76423	160202	46.13%	5.957%
39	6.347	1633	1635	1641	rVB2	250	190	0.05%	0.007%
40	6.376	1641	1644	1647	rBV	271	199	0.06%	0.007%
41	6.408	1650	1654	1656	rBV	602	318	0.09%	0.012%
42	6.450	1663	1667	1670	rBV2	395	316	0.09%	0.012%
43	6.547	1690	1697	1703	rVB2	470	446	0.13%	0.017%
44	6.604	1712	1715	1719	rBV	185	147	0.04%	0.005%
45	6.678	1735	1738	1740	rBV2	256	164	0.05%	0.006%
46	6.698	1740	1744	1750	rVV3	594	803	0.23%	0.030%
47	6.810	1774	1779	1780	rBV2	472	429	0.12%	0.016%
48	6.897	1801	1806	1810	rBV2	243	307	0.09%	0.011%
49	7.032	1835	1848	1862	rBV	44315	80680	23.23%	3.000%
50	7.228	1906	1909	1912	rVB	165	107	0.03%	0.004%
51	7.360	1939	1950	1972	rBV	165429	294913	84.93%	10.966%
52	7.569	2012	2015	2017	rVB2	282	170	0.05%	0.006%
53	7.666	2034	2045	2063	rBV	29416	50313	14.49%	1.871%
54	7.756	2070	2073	2076	rVB2	254	139	0.04%	0.005%
55	7.977	2136	2142	2143	rBV2	412	364	0.10%	0.014%
56	8.077	2170	2173	2177	rBV2	177	129	0.04%	0.005%
57	8.138	2181	2192	2207	rBV	42094	78293	22.55%	2.911%
58	8.408	2273	2276	2281	rBV2	228	210	0.06%	0.008%
59	8.437	2282	2285	2292	rVV2	356	325	0.09%	0.012%
60	8.550	2317	2320	2324	rBV2	203	137	0.04%	0.005%
61	8.678	2357	2360	2362	rVB2	268	139	0.04%	0.005%
62	8.698	2362	2366	2369	rBV2	291	234	0.07%	0.009%
63	8.855	2411	2415	2416	rBV	311	213	0.06%	0.008%
64	8.897	2416	2428	2447	rVV	155905	261039	75.17%	9.706%
65	9.228	2529	2531	2536	rVV2	348	253	0.07%	0.009%
66	9.309	2554	2556	2558	rBV	260	123	0.04%	0.005%
67	9.514	2617	2620	2624	rBV2	228	256	0.07%	0.010%
68	9.595	2639	2645	2646	rBV2	222	183	0.05%	0.007%
69	9.820	2712	2715	2716	rBV	205	114	0.03%	0.004%
70	9.907	2736	2742	2746	rBV	244	237	0.07%	0.009%
71	9.945	2746	2754	2758	rBV	516	579	0.17%	0.022%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFC61RE

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\SOM2VLM030519S.M
Title : VOC Analysis

72	10.029	2775	2780	2783	rBV	377	354	0.10%	0.013%
73	10.264	2841	2853	2866	rBV2	77022	122311	35.22%	4.548%
74	10.640	2966	2970	2974	rBV2	288	194	0.06%	0.007%
75	10.665	2975	2978	2981	rBV	241	160	0.05%	0.006%
76	10.935	3059	3062	3065	rBV2	343	283	0.08%	0.011%
77	10.958	3067	3069	3075	rVB3	392	331	0.10%	0.012%
78	11.093	3105	3111	3114	rBV3	526	543	0.16%	0.020%
79	11.183	3137	3139	3141	rBV	315	154	0.04%	0.006%
80	11.228	3149	3153	3158	rBV2	254	282	0.08%	0.010%
81	11.296	3163	3174	3192	rVV	140633	235951	67.95%	8.774%
82	11.479	3227	3231	3240	rVB2	543	535	0.15%	0.020%
83	11.572	3256	3260	3263	rBV3	288	247	0.07%	0.009%
84	11.636	3275	3280	3281	rBV2	323	263	0.08%	0.010%
85	11.675	3281	3292	3308	rVV	151360	248964	71.70%	9.257%
86	11.881	3352	3356	3357	rBV	285	204	0.06%	0.008%
87	12.045	3403	3407	3408	rBV	233	168	0.05%	0.006%
88	12.527	3552	3557	3560	rBV2	246	241	0.07%	0.009%
89	13.038	3714	3716	3722	rVB	424	284	0.08%	0.011%
90	13.112	3737	3739	3742	rBV	364	196	0.06%	0.007%
91	13.318	3799	3803	3807	rVB2	438	390	0.11%	0.015%
92	13.492	3854	3857	3858	rBV	362	201	0.06%	0.007%
93	13.550	3872	3875	3877	rBV	478	315	0.09%	0.012%
94	13.623	3894	3898	3904	rBV2	332	457	0.13%	0.017%
95	13.797	3947	3952	3959	rVB5	1980	2798	0.81%	0.104%
96	13.906	3985	3986	3988	rVB	337	120	0.03%	0.004%
97	13.926	3988	3992	3994	rBV3	373	269	0.08%	0.010%
98	13.942	3994	3997	4000	rVB3	387	262	0.08%	0.010%
99	14.337	4117	4120	4121	rBV	370	241	0.07%	0.009%
100	14.778	4254	4257	4260	rBV2	509	298	0.09%	0.011%

Sum of corrected areas: 2689355

LSC Report - Integrated Chromatogram

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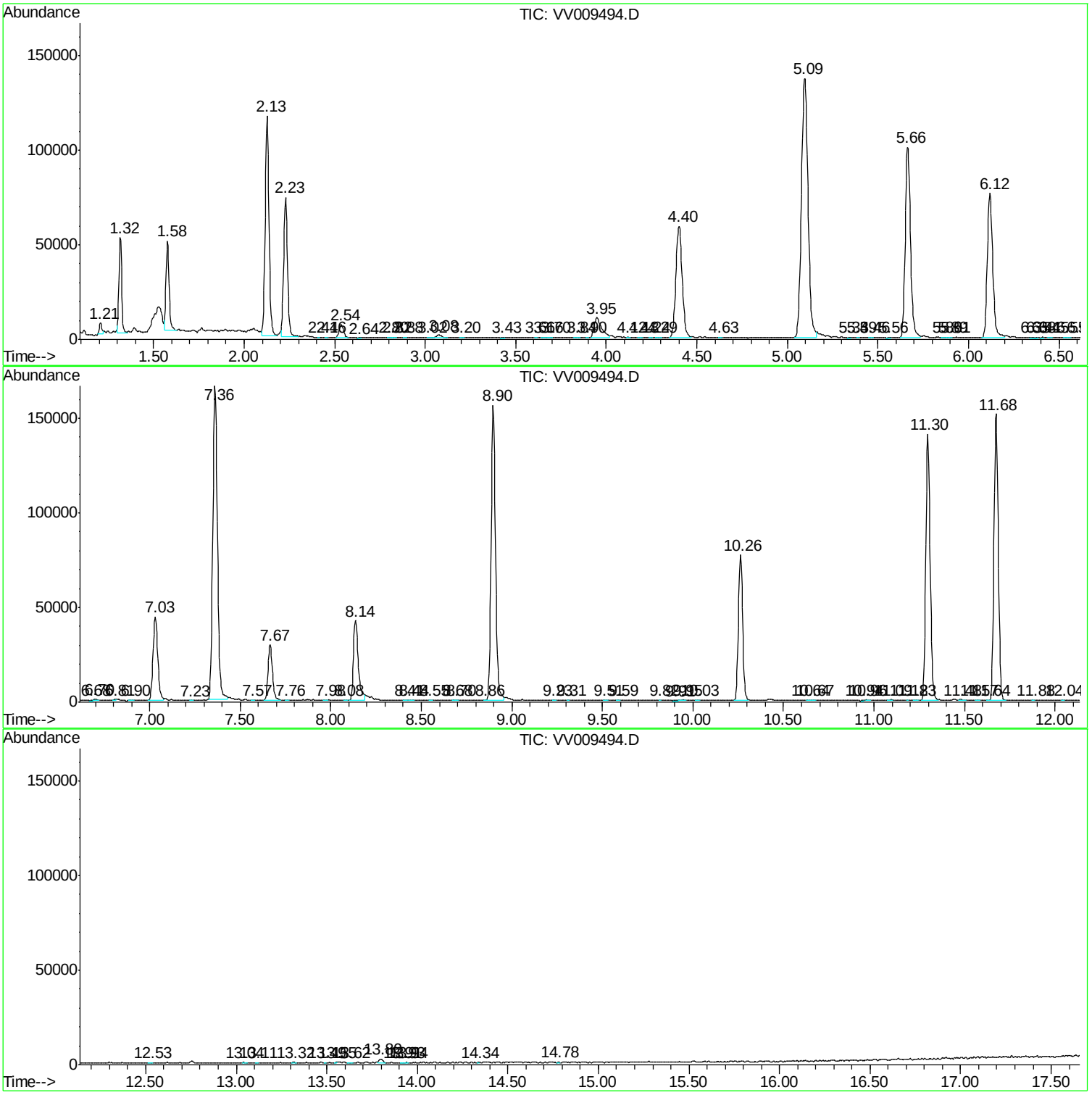
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFC61RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.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\VV030519\
Data File : VV009494.D
Acq On : 05 Mar 2019 19:14
Operator : SY/MD
Sample : K1662-05RE
Misc : 5.28G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFC61RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM030519S.M
Quant Title : VOC Analysis

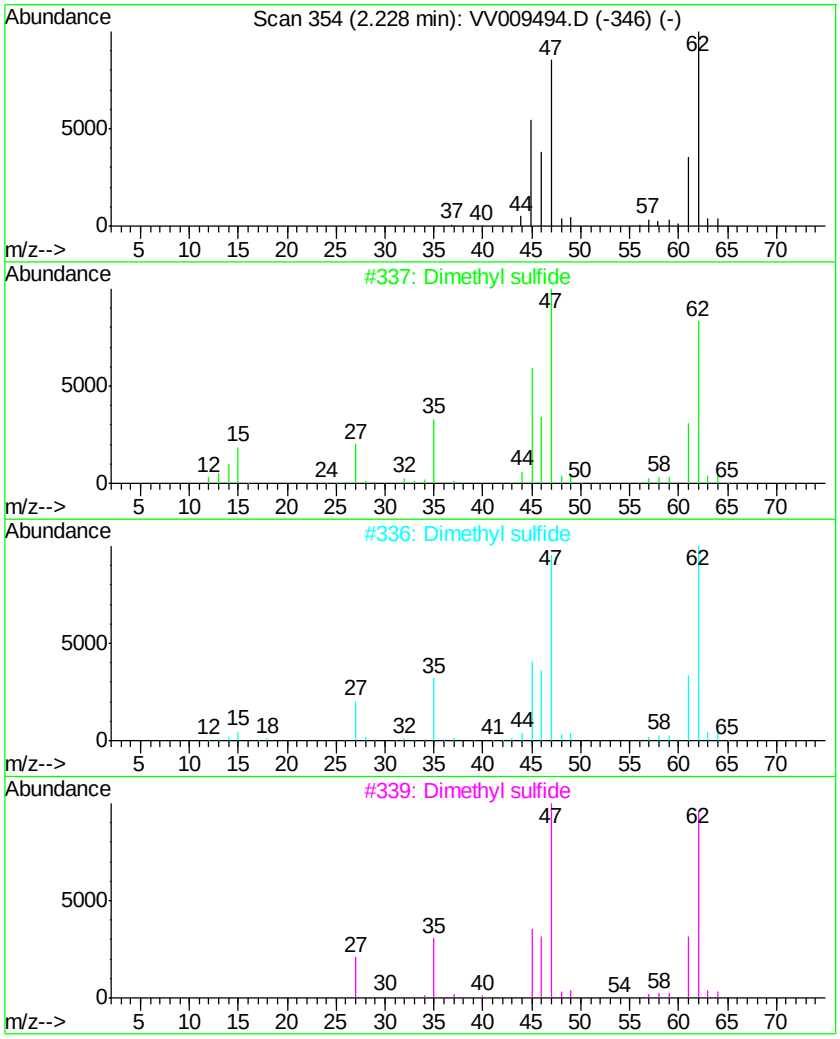
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

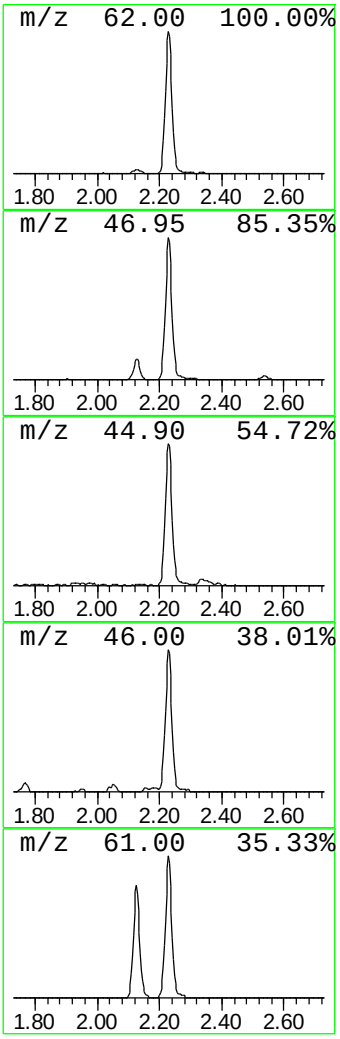
****

Peak Number 1 Dimethyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.23	13.41 ug/L	109543	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	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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV030519\
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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	13.4	ug/L	109543	1	5.67	204249	25.0