LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
Data File : VW007344.D
Acq On : 08 Dec 2018 09:03
Operator : SY/AP
Sample : J6270-13
Misc : 6.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E12

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_W\METHOD\SOM2WLM120718S.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	2.361	69	75	86	rVB	20690	45519	9.10%	1.436%
2	2.891	155	162	176	rBV2	14905	41536	8.30%	1.310%
3	3.276	221	225	226	rBV3	340	372	0.07%	0.012%
4	3.379	239	242	244	rBV2	597	646	0.13%	0.020%
5	3.525	258	266	278	rBV2	4600	13445	2.69%	0.424%
6	3.849	316	319	320	rBV2	402	426	0.09%	0.013%
7	4.013	336	346	359	rBV	61330	181589	36.30%	5.728%
8	4.202	370	377	390	rVB	22641	61051	12.20%	1.926%
9	4.379	402	406	412	rBV2	227	521	0.10%	0.016%
10	4.611	439	444	449	rBV2	490	1144	0.23%	0.036%
11	4.812	473	477	478	rBV	130	182	0.04%	0.006%
12	4.915	485	494	507	rVV4	3382	11306	2.26%	0.357%
13	5.037	511	514	517	rBV2	190	251	0.05%	0.008%
14	5.330	559	562	565	rBV	139	205	0.04%	0.006%
15	5.745	626	630	632	rBV	147	177	0.04%	0.006%
16	5.940	653	662	668	rBB6	1288	3876	0.77%	0.122%
17	6.074	681	684	688	rBV	198	341	0.07%	0.011%
18	6.135	691	694	696	rVV	189	193	0.04%	0.006%
19	6.232	706	710	712	rBV	142	224	0.04%	0.007%
20	6.293	719	720	723	rBV	126	157	0.03%	0.005%
21	6.476	745	750	753	rVV2	143	216	0.04%	0.007%
22	6.513	753	756	759	rBV2	130	196	0.04%	0.006%
23	6.659	777	780	784	rBV	90	172	0.03%	0.005%
24	6.970	829	831	832	rBV	271	200	0.04%	0.006%
25	7.080	840	849	853	rBV	6904	18509	3.70%	0.584%
26	7.415	901	904	906	rBV	312	279	0.06%	0.009%
27	7.439	906	908	911	rBV2	273	291	0.06%	0.009%
28	7.647	932	942	952	rBV	87530	214718	42.92%	6.773%
29	8.104	1015	1017	1019	rBV	193	216	0.04%	0.007%
30	8.275	1035	1045	1063	rVV2	163052	500266	100.00%	15.781%
31	8.555	1086	1091	1093	rBV	289	379	0.08%	0.012%
32	8.622	1099	1102	1104	rBV	230	247	0.05%	0.008%
33	8.695	1110	1114	1116	rBV2	258	266	0.05%	0.008%
34	8.756	1122	1124	1127	rVB	189	177	0.04%	0.006%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E12

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_W\METHOD\SOM2WLM120718S.M
Title : VOC Analysis

35	8.842	1129	1138	1147	rBV	148640	292567	58.48%	9.229%
36	9.037	1164	1170	1173	rBV4	692	1279	0.26%	0.040%
37	9.134	1181	1186	1188	rVB2	305	507	0.10%	0.016%
38	9.165	1188	1191	1192	rBV	155	199	0.04%	0.006%
39	9.274	1200	1209	1220	rBV2	109145	224005	44.78%	7.066%
40	9.427	1232	1234	1236	rBV2	309	289	0.06%	0.009%
41	9.482	1241	1243	1244	rBV	286	270	0.05%	0.009%
42	9.628	1264	1267	1269	rBV	168	225	0.04%	0.007%
43	9.756	1286	1288	1291	rBV2	405	463	0.09%	0.015%
44	9.890	1307	1310	1315	rVB4	1549	2438	0.49%	0.077%
45	9.988	1322	1326	1327	rBV2	328	348	0.07%	0.011%
46	10.037	1327	1334	1340	rVV	39615	71608	14.31%	2.259%
47	10.140	1347	1351	1355	rVB3	622	952	0.19%	0.030%
48	10.219	1359	1364	1366	rBV3	763	1371	0.27%	0.043%
49	10.323	1374	1381	1389	rBV	232908	411067	82.17%	12.967%
50	10.579	1417	1423	1433	rVB	30433	50130	10.02%	1.581%
51	10.707	1438	1444	1449	rBV2	5542	9538	1.91%	0.301%
52	10.927	1475	1480	1490	rBV4	26844	66603	13.31%	2.101%
53	11.067	1499	1503	1508	rBV	8101	12659	2.53%	0.399%
54	11.634	1589	1596	1603	rBV	179809	295220	59.01%	9.313%
55	12.262	1697	1699	1703	rBV	125	176	0.04%	0.006%
56	12.371	1713	1717	1721	rVV2	873	1192	0.24%	0.038%
57	12.463	1731	1732	1739	rVB2	317	474	0.09%	0.015%
58	12.518	1740	1741	1745	rVB	155	155	0.03%	0.005%
59	12.560	1745	1748	1749	rBV	218	252	0.05%	0.008%
60	12.615	1749	1757	1764	rVV2	8175	13499	2.70%	0.426%
61	12.695	1764	1770	1778	rVB	79326	125708	25.13%	3.966%
62	12.938	1806	1810	1814	rVV2	1980	2618	0.52%	0.083%
63	13.018	1820	1823	1825	rVB	197	226	0.05%	0.007%
64	13.219	1844	1856	1860	rBV5	1297	2994	0.60%	0.094%
65	13.304	1865	1870	1875	rVV2	1438	2182	0.44%	0.069%
66	13.383	1881	1883	1885	rBV	207	247	0.05%	0.008%
67	13.414	1885	1888	1891	rVB2	903	1215	0.24%	0.038%
68	13.475	1894	1898	1901	rBV	146	241	0.05%	0.008%
69	13.518	1901	1905	1906	rBV	301	306	0.06%	0.010%
70	13.560	1906	1912	1919	rBV	140176	222748	44.53%	7.027%
71	13.652	1926	1927	1930	rVB	518	358	0.07%	0.011%

LSC Area Percent Report

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Instrument : MSVOA_W
ClientSampleId : F9E12

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_W\METHOD\SOM2WLM120718S.M
Title : VOC Analysis

72	13.774	1942	1947	1951	rBV3	755	1171	0.23%	0.037%
73	13.859	1951	1961	1969	rBV	143767	233670	46.71%	7.371%
74	14.078	1992	1997	2005	rVB2	3782	6097	1.22%	0.192%
75	14.207	2015	2018	2022	rBV2	202	264	0.05%	0.008%
76	14.335	2033	2039	2044	rVV3	503	1090	0.22%	0.034%
77	14.469	2059	2061	2065	rBB	168	236	0.05%	0.007%
78	14.530	2069	2071	2074	rVB2	192	200	0.04%	0.006%
79	14.572	2074	2078	2079	rBV2	150	162	0.03%	0.005%
80	14.664	2091	2093	2096	rVB2	186	159	0.03%	0.005%
81	14.719	2098	2102	2103	rBV2	165	229	0.05%	0.007%
82	14.737	2103	2105	2108	rBV3	569	472	0.09%	0.015%
83	14.822	2118	2119	2122	rVB2	241	187	0.04%	0.006%
84	14.981	2142	2145	2147	rBV	229	365	0.07%	0.012%
85	15.072	2158	2160	2165	rBV2	162	239	0.05%	0.008%
86	15.139	2169	2171	2176	rBV	257	373	0.07%	0.012%
87	15.212	2180	2183	2184	rBV	206	178	0.04%	0.006%
88	15.231	2184	2186	2189	rBV	176	225	0.04%	0.007%
89	15.261	2189	2191	2193	rVB	385	291	0.06%	0.009%
90	15.292	2194	2196	2202	rBV2	268	444	0.09%	0.014%
91	15.340	2202	2204	2207	rBV	247	249	0.05%	0.008%
92	15.371	2207	2209	2212	rBV2	373	389	0.08%	0.012%
93	15.450	2217	2222	2226	rVB2	2903	4364	0.87%	0.138%
94	15.505	2226	2231	2239	rVB4	947	1936	0.39%	0.061%
95	16.084	2322	2326	2327	rBV	158	177	0.04%	0.006%
96	16.102	2327	2329	2333	rBV2	226	299	0.06%	0.009%
97	16.267	2352	2356	2357	rVB	164	169	0.03%	0.005%
98	16.432	2382	2383	2386	rBV	336	323	0.06%	0.010%
99	16.688	2424	2425	2428	rBV	178	185	0.04%	0.006%
100	16.743	2432	2434	2437	rBV2	195	276	0.06%	0.009%

Sum of corrected areas: 3170041

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ClientSampleId :
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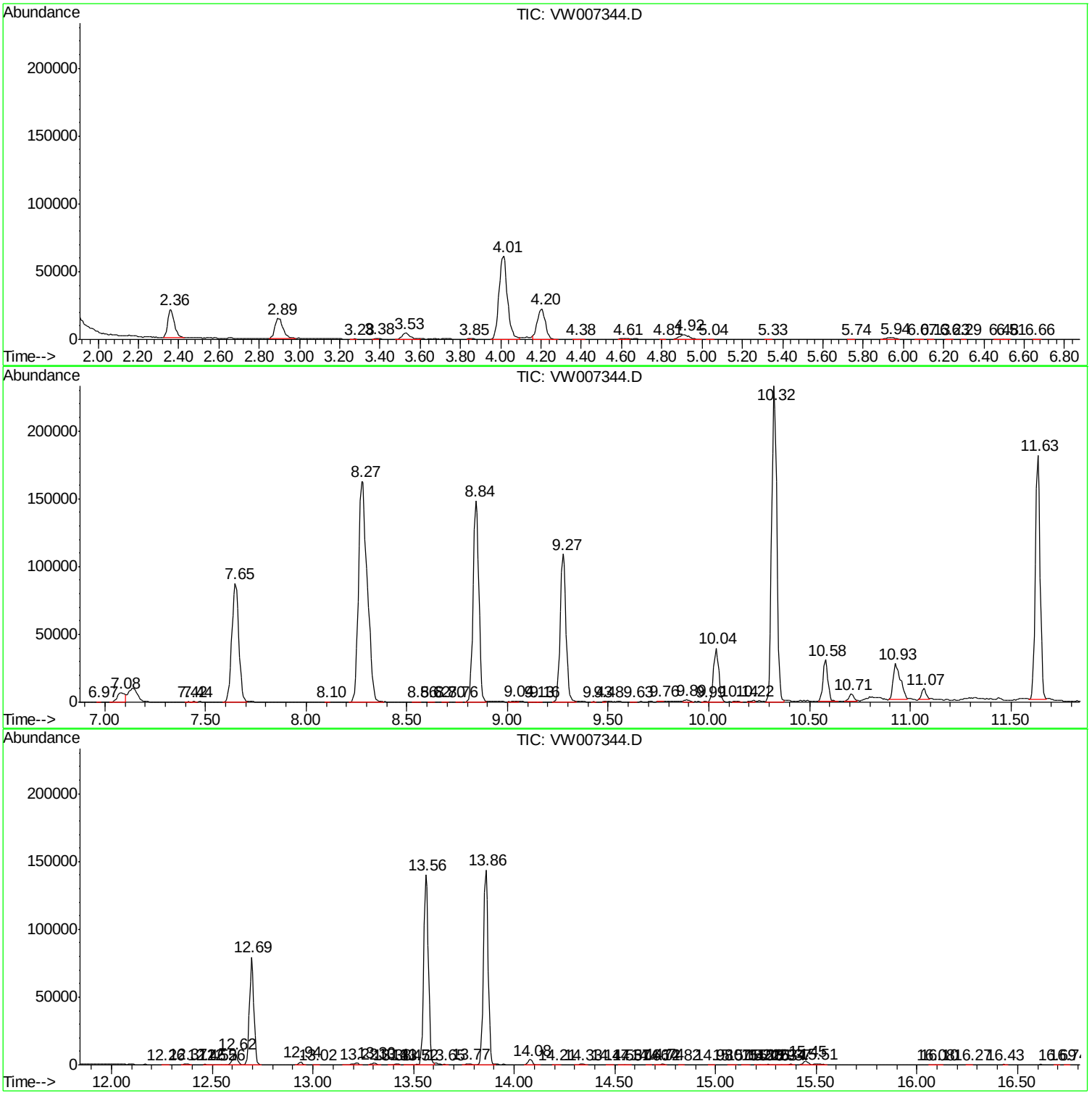
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

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



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
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Acq On : 08 Dec 2018 09:03
Operator : SY/AP
Sample : J6270-13
Misc : 6.06G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9E12

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
Quant Title : VOC Analysis

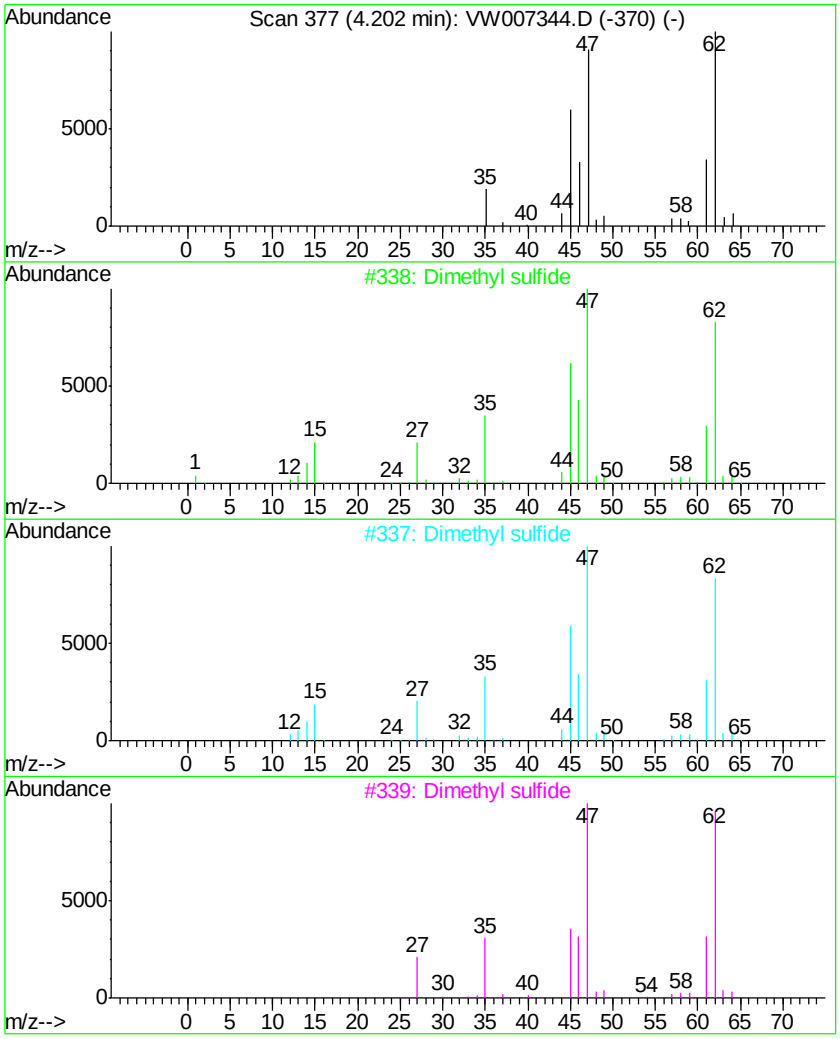
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

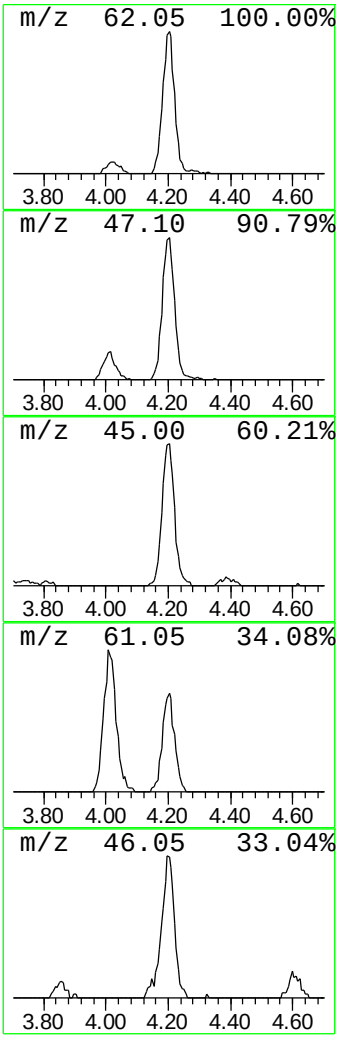
****

Peak Number 1 Dimethyl sulfide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	5.22 ug/L	61051	1,4-Difluorobenzene	8.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dimethyl sulfide	62	C2H6S	000075-18-3	95
2	Dimethyl sulfide	62	C2H6S	000075-18-3	95
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	4.20	5.2	ug/L	61051	1	8.84	292567	25.0