LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030119\
Data File : VW008930.D
Acq On : 01 Mar 2019 18:09
Operator : SY/VA
Sample : K1662-02
Misc : 5.65G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFC58

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\SOM2WLM022019S.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	2.343	68	72	80	rVB	113485	167922	12.91%	1.581%
2	2.879	155	160	169	rVB	92497	190798	14.66%	1.797%
3	3.489	258	260	262	rVB2	1619	802	0.06%	0.008%
4	3.593	275	277	284	rVB7	2155	2839	0.22%	0.027%
5	3.751	301	303	306	rVB2	1211	1216	0.09%	0.011%
6	4.013	336	346	359	rBV2	145789	381126	29.29%	3.589%
7	4.208	370	378	392	rVB	111834	297720	22.88%	2.804%
8	4.385	401	407	415	rVB6	4237	11522	0.89%	0.109%
9	4.489	423	424	426	rBV2	1486	1177	0.09%	0.011%
10	4.574	436	438	440	rVV3	963	610	0.05%	0.006%
11	4.611	442	444	447	rBV4	1104	1612	0.12%	0.015%
12	4.678	453	455	456	rBV	1448	1130	0.09%	0.011%
13	4.769	469	470	473	rVB3	1924	1201	0.09%	0.011%
14	4.794	473	474	476	rBV2	1270	644	0.05%	0.006%
15	4.830	478	480	483	rVB3	1356	1390	0.11%	0.013%
16	4.916	483	494	505	rBV3	21763	72292	5.56%	0.681%
17	5.068	515	519	520	rBV3	1126	1047	0.08%	0.010%
18	5.129	527	529	532	rVB2	1616	1299	0.10%	0.012%
19	5.166	532	535	536	rBV3	1327	1398	0.11%	0.013%
20	5.190	538	539	541	rVV2	826	449	0.03%	0.004%
21	5.269	550	552	553	rVB	864	347	0.03%	0.003%
22	5.324	559	561	563	rBV3	831	694	0.05%	0.007%
23	5.354	564	566	567	rVB2	1133	563	0.04%	0.005%
24	5.428	576	578	579	rBV	1331	1026	0.08%	0.010%
25	5.501	588	590	591	rBV2	1136	577	0.04%	0.005%
26	5.568	599	601	602	rVB2	1124	556	0.04%	0.005%
27	5.684	618	620	621	rVB	930	538	0.04%	0.005%
28	5.726	626	627	628	rBV	1043	501	0.04%	0.005%
29	5.745	628	630	631	rBV2	877	727	0.06%	0.007%
30	5.873	650	651	654	rBV3	684	763	0.06%	0.007%
31	5.940	654	662	671	rVV6	8119	25144	1.93%	0.237%
32	6.037	677	678	679	rBV	799	299	0.02%	0.003%
33	6.050	679	680	683	rBV3	1256	967	0.07%	0.009%
34	6.226	707	709	712	rVB4	1368	1517	0.12%	0.014%

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Misc : 5.65G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFC58

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\SOM2WLM022019S.M
Title : VOC Analysis

35	6.263	712	715	716	rBV2	1563	1438	0.11%	0.014%
36	6.281	716	718	720	rVV2	764	489	0.04%	0.005%
37	6.299	720	721	723	rBV2	616	509	0.04%	0.005%
38	6.501	752	754	756	rBV3	1108	998	0.08%	0.009%
39	6.531	756	759	760	rVB3	1109	793	0.06%	0.007%
40	6.580	764	767	769	rBV3	1186	1609	0.12%	0.015%
41	6.616	772	773	780	rVB5	1316	1304	0.10%	0.012%
42	6.696	785	786	788	rBV2	907	787	0.06%	0.007%
43	6.757	795	796	797	rVB	1165	426	0.03%	0.004%
44	6.775	797	799	800	rBV2	847	485	0.04%	0.005%
45	6.860	812	813	815	rVB2	814	478	0.04%	0.005%
46	6.891	815	818	824	rBV6	1554	2484	0.19%	0.023%
47	6.958	827	829	830	rVB2	1231	837	0.06%	0.008%
48	6.988	830	834	835	rBV3	1819	1875	0.14%	0.018%
49	7.074	841	848	860	rBV	46646	127241	9.78%	1.198%
50	7.324	885	889	891	rBV5	988	1335	0.10%	0.013%
51	7.372	895	897	899	rVB3	598	483	0.04%	0.005%
52	7.391	899	900	902	rBV2	1298	881	0.07%	0.008%
53	7.415	902	904	905	rBV2	1101	885	0.07%	0.008%
54	7.482	913	915	917	rBV3	815	675	0.05%	0.006%
55	7.586	931	932	933	rBV	1302	929	0.07%	0.009%
56	7.647	933	942	957	rVB	202417	510533	39.24%	4.808%
57	8.055	1007	1009	1011	rBV3	885	1019	0.08%	0.010%
58	8.275	1035	1045	1059	rBV2	385771	1169062	89.85%	11.010%
59	8.470	1076	1077	1079	rBV2	1066	994	0.08%	0.009%
60	8.842	1129	1138	1149	rBV	504208	989321	76.04%	9.317%
61	9.073	1170	1176	1183	rBV6	8292	18644	1.43%	0.176%
62	9.195	1194	1196	1197	rBV2	761	616	0.05%	0.006%
63	9.207	1197	1198	1200	rVB	1276	923	0.07%	0.009%
64	9.275	1200	1209	1219	rBV	279258	559174	42.98%	5.266%
65	9.464	1238	1240	1242	rBV3	1363	1086	0.08%	0.010%
66	9.524	1248	1250	1252	rVB3	1122	811	0.06%	0.008%
67	9.756	1284	1288	1293	rBV4	3333	5493	0.42%	0.052%
68	9.884	1305	1309	1316	rBV9	7177	14783	1.14%	0.139%
69	10.037	1326	1334	1342	rBV2	148133	275919	21.21%	2.599%
70	10.323	1373	1381	1390	rBV	588709	1040146	79.94%	9.796%
71	10.579	1417	1423	1433	rVB	102871	181830	13.98%	1.712%

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Instrument : MSVOA_W
ClientSampleId : BFC58

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\SOM2WLM022019S.M
Title : VOC Analysis

72	10.719	1439	1446	1449	rBV4	22574	56240	4.32%	0.530%
73	10.927	1474	1480	1493	rVB	202359	352105	27.06%	3.316%
74	11.634	1589	1596	1604	rBV	756331	1292714	99.36%	12.175%
75	12.140	1677	1679	1680	rBV2	1522	1330	0.10%	0.013%
76	12.244	1693	1696	1697	rBV2	1735	1986	0.15%	0.019%
77	12.341	1711	1712	1713	rBV	1037	444	0.03%	0.004%
78	12.408	1722	1723	1726	rVB2	1734	1158	0.09%	0.011%
79	12.615	1751	1757	1763	rBV2	23101	41332	3.18%	0.389%
80	12.695	1763	1770	1777	rBV	263415	425922	32.74%	4.011%
81	12.847	1793	1795	1796	rVB2	1571	910	0.07%	0.009%
82	12.993	1818	1819	1821	rBV2	772	599	0.05%	0.006%
83	13.030	1821	1825	1827	rBV3	1937	2762	0.21%	0.026%
84	13.109	1836	1838	1839	rBV2	1018	703	0.05%	0.007%
85	13.402	1882	1886	1893	rBV7	3831	7398	0.57%	0.070%
86	13.560	1905	1912	1925	rVB	825865	1301077	100.00%	12.254%
87	13.853	1952	1960	1968	rBV	608087	995209	76.49%	9.373%
88	14.079	1992	1997	2003	rBV2	11204	19102	1.47%	0.180%
89	14.633	2085	2088	2089	rBV3	2142	2316	0.18%	0.022%
90	14.956	2139	2141	2142	rBV2	1146	860	0.07%	0.008%
91	15.048	2155	2156	2157	rBV	1251	558	0.04%	0.005%
92	15.188	2178	2179	2182	rBV3	1953	1530	0.12%	0.014%
93	15.438	2218	2220	2226	rVB5	6489	8737	0.67%	0.082%
94	15.499	2226	2230	2236	rBV3	5525	9995	0.77%	0.094%
95	15.773	2274	2275	2277	rBV2	1359	964	0.07%	0.009%
96	16.212	2345	2347	2349	rBV3	1740	1667	0.13%	0.016%
97	16.749	2434	2435	2436	rBV	1088	673	0.05%	0.006%

Sum of corrected areas: 10617999

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030119\
Data File : VW008930.D
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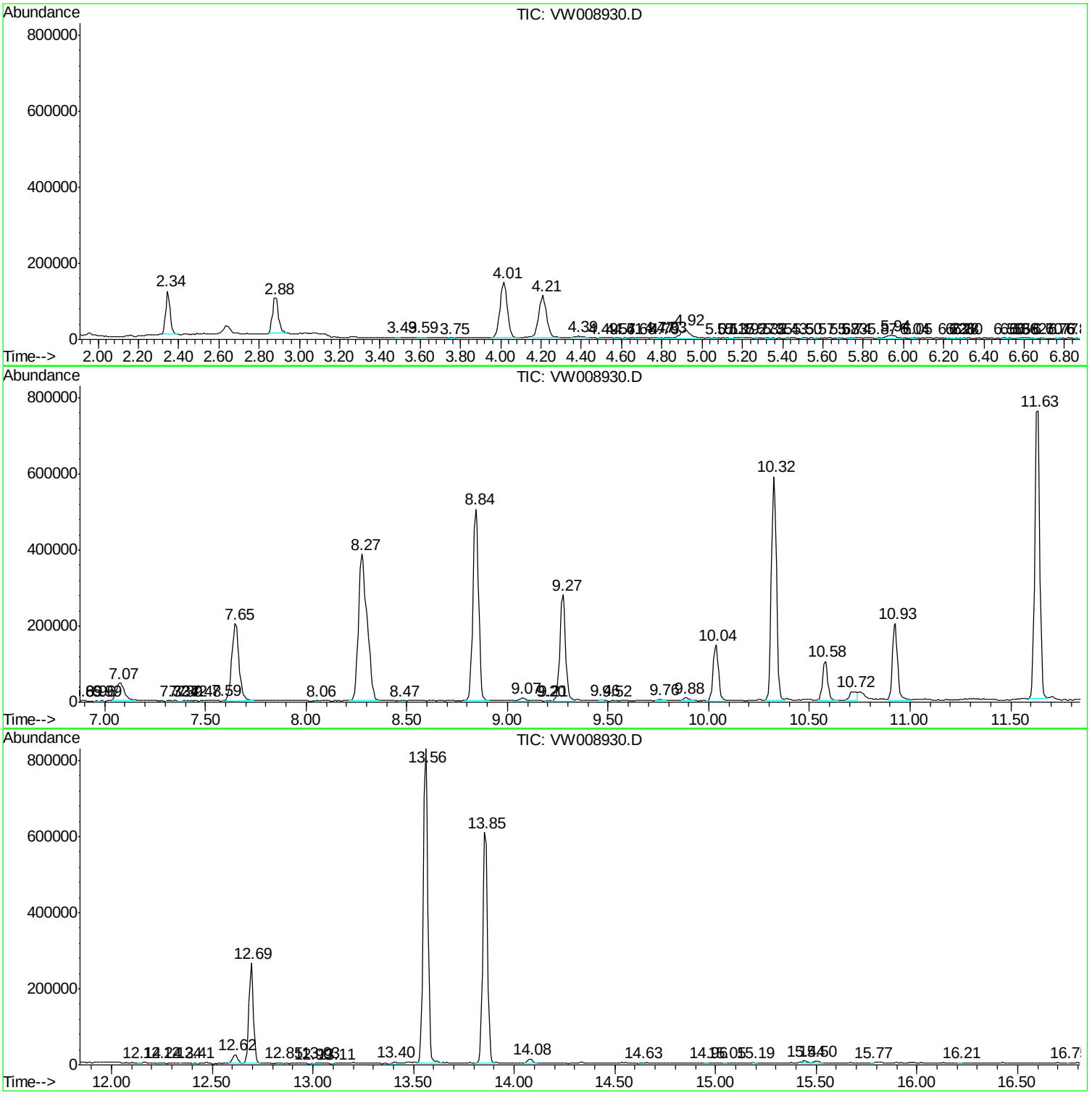
Operator : SY/VA
Sample : K1662-02
Misc : 5.65G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFC58

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.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\VW030119\
Data File : VW008930.D
Acq On : 01 Mar 2019 18:09
Operator : SY/VA
Sample : K1662-02
Misc : 5.65G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFC58

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
Quant Title : VOC Analysis

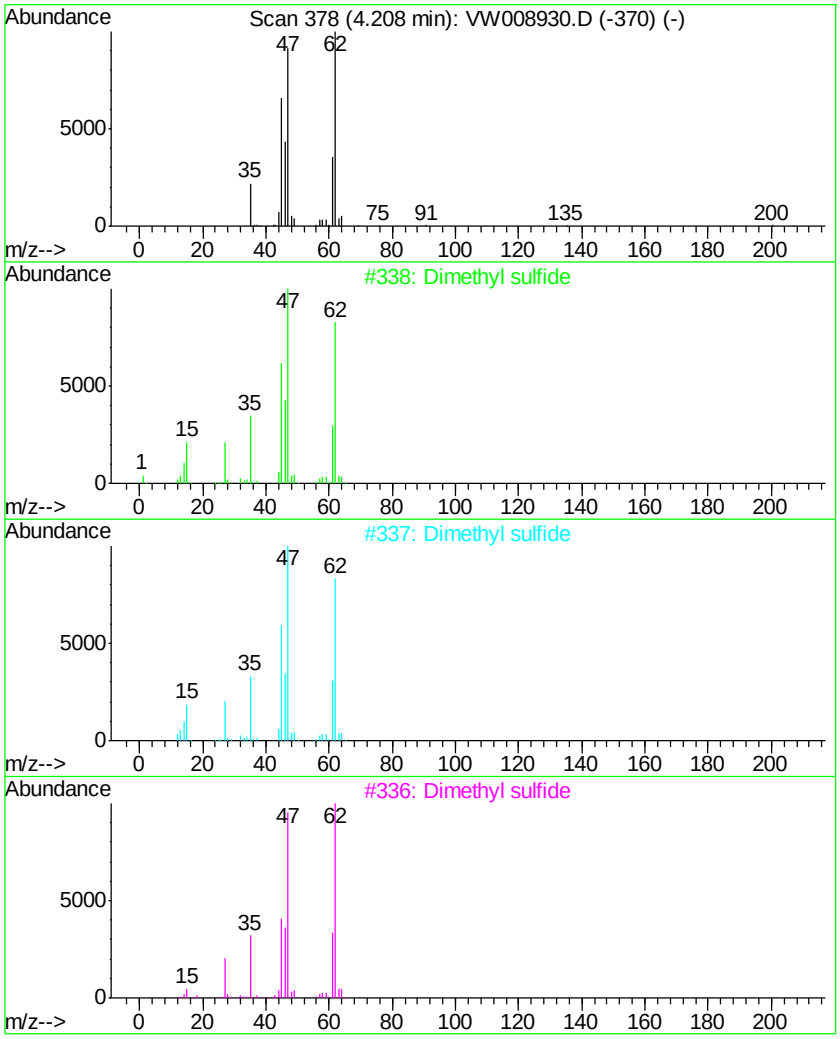
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

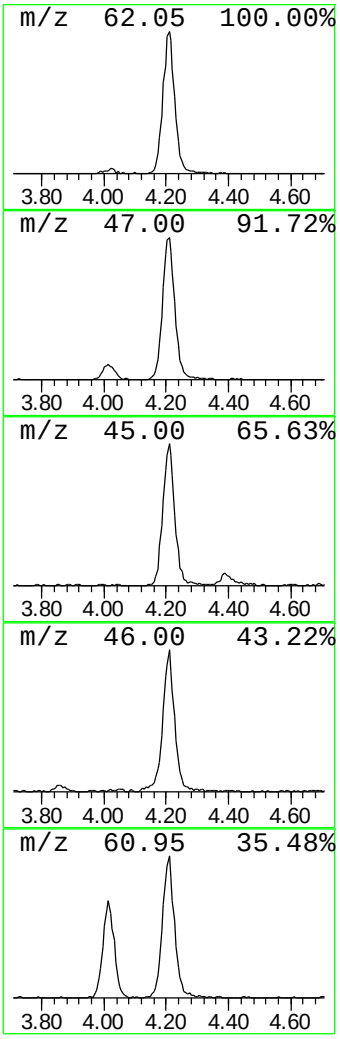
****

Peak Number 1 Dimethyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.21	7.52 ug/L	297720	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	91
3	Dimethyl sulfide	62	C2H6S	000075-18-3	91
4	Dimethyl sulfide	62	C2H6S	000075-18-3	90
5	Ethanethiol	62	C2H6S	000075-08-1	80





Tentatively Identified Compound (LSC) summary

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Instrument : MSVOA_W
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022019S.M
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	4.21	7.5	ug/L	297720	1	8.84	989321	25.0