LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW030119\
Data File : VW008933.D
Acq On : 01 Mar 2019 19:25
Operator : SY/VA
Sample : K1662-05
Misc : 5.59G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFC61

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	2.129	35	37	38	rBV	2649	2110	0.32%	0.039%
2	2.349	69	73	80	rVB	64116	94445	14.35%	1.764%
3	2.885	156	161	173	rVB	59290	113559	17.25%	2.120%
4	3.251	219	221	223	rBV3	2019	1836	0.28%	0.034%
5	3.666	287	289	290	rBV	1114	776	0.12%	0.014%
6	3.757	301	304	305	rBV3	945	1163	0.18%	0.022%
7	4.013	337	346	359	rVB	80212	217200	32.99%	4.056%
8	4.208	369	378	390	rVB	93730	246423	37.43%	4.601%
9	4.452	417	418	420	rVB2	2213	1435	0.22%	0.027%
10	4.787	471	473	478	rVB6	1360	1197	0.18%	0.022%
11	4.830	478	480	482	rBV2	1336	1116	0.17%	0.021%
12	4.916	484	494	495	rBV4	7858	16694	2.54%	0.312%
13	5.220	541	544	546	rVB3	1359	1046	0.16%	0.020%
14	5.245	546	548	551	rVB3	1376	1413	0.21%	0.026%
15	5.275	551	553	555	rBV3	881	1041	0.16%	0.019%
16	5.312	557	559	560	rBV2	1120	779	0.12%	0.015%
17	5.415	574	576	577	rBV2	1078	822	0.12%	0.015%
18	5.495	587	589	593	rVB3	1562	2012	0.31%	0.038%
19	5.537	593	596	600	rBV5	1587	2947	0.45%	0.055%
20	5.574	600	602	604	rBV2	1601	1025	0.16%	0.019%
21	5.659	610	616	618	rBV4	1588	1949	0.30%	0.036%
22	5.793	636	638	643	rVB4	1176	1523	0.23%	0.028%
23	5.934	656	661	663	rBV5	3519	5526	0.84%	0.103%
24	6.184	697	702	703	rBV3	981	1187	0.18%	0.022%
25	6.287	716	719	722	rBV3	1359	1827	0.28%	0.034%
26	6.324	722	725	727	rBV3	1055	1326	0.20%	0.025%
27	6.495	749	753	755	rBV3	1285	1510	0.23%	0.028%
28	6.519	755	757	758	rBV2	1135	828	0.13%	0.015%
29	6.574	764	766	769	rBV2	1337	1886	0.29%	0.035%
30	6.623	772	774	776	rBV2	778	825	0.13%	0.015%
31	6.720	788	790	792	rBV3	1095	832	0.13%	0.016%
32	6.872	813	815	817	rBV2	673	834	0.13%	0.016%
33	7.080	840	849	859	rBV2	20439	66210	10.06%	1.236%
34	7.244	874	876	879	rVB4	1131	1183	0.18%	0.022%

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Sample : K1662-05
Misc : 5.59G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFC61

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

35	7.275	879	881	884	rBV3	821	854	0.13%	0.016%
36	7.366	892	896	899	rVB3	1167	1725	0.26%	0.032%
37	7.403	899	902	904	rBV3	1251	1032	0.16%	0.019%
38	7.494	914	917	918	rBV2	738	839	0.13%	0.016%
39	7.647	932	942	944	rBV2	93058	176546	26.82%	3.297%
40	7.891	980	982	983	rBV2	1068	782	0.12%	0.015%
41	8.153	1024	1025	1027	rVB2	1228	868	0.13%	0.016%
42	8.177	1027	1029	1030	rBV2	1220	945	0.14%	0.018%
43	8.195	1030	1032	1035	rVB3	1550	1640	0.25%	0.031%
44	8.275	1035	1045	1060	rBV2	215841	658311	100.00%	12.293%
45	8.378	1060	1062	1064	rVB2	1647	955	0.15%	0.018%
46	8.549	1087	1090	1092	rBV3	978	817	0.12%	0.015%
47	8.842	1130	1138	1146	rBV	228621	445569	67.68%	8.320%
48	9.006	1163	1165	1168	rVV2	1312	1141	0.17%	0.021%
49	9.037	1168	1170	1172	rVV3	1055	1008	0.15%	0.019%
50	9.073	1172	1176	1183	rVV7	3036	5909	0.90%	0.110%
51	9.153	1188	1189	1192	rBV2	1123	1028	0.16%	0.019%
52	9.274	1201	1209	1218	rVV2	148623	311579	47.33%	5.818%
53	9.427	1232	1234	1236	rBV2	1393	1243	0.19%	0.023%
54	9.567	1255	1257	1259	rBV3	1010	1250	0.19%	0.023%
55	9.646	1268	1270	1273	rBV2	1590	1873	0.28%	0.035%
56	9.720	1278	1282	1283	rBV4	1564	1849	0.28%	0.035%
57	9.896	1307	1311	1314	rVB5	6108	10257	1.56%	0.192%
58	10.037	1326	1334	1342	rBV	77342	147522	22.41%	2.755%
59	10.134	1348	1350	1351	rBV2	1948	1434	0.22%	0.027%
60	10.177	1356	1357	1360	rVB2	1834	1486	0.23%	0.028%
61	10.226	1360	1365	1366	rBV5	1880	3573	0.54%	0.067%
62	10.250	1366	1369	1374	rVB4	3464	5269	0.80%	0.098%
63	10.323	1374	1381	1389	rBV	315870	552642	83.95%	10.319%
64	10.579	1417	1423	1430	rVB	52111	89823	13.64%	1.677%
65	10.738	1439	1449	1450	rBV3	20046	53990	8.20%	1.008%
66	10.927	1474	1480	1490	rBV2	85276	153886	23.38%	2.874%
67	11.164	1515	1519	1521	rBV5	1640	2056	0.31%	0.038%
68	11.189	1521	1523	1526	rBV2	1365	1280	0.19%	0.024%
69	11.335	1546	1547	1548	rBV	1631	778	0.12%	0.015%
70	11.634	1589	1596	1607	rVB	345879	586127	89.03%	10.945%
71	12.219	1690	1692	1695	rVB3	1415	1389	0.21%	0.026%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFC61

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	12.286	1700	1703	1705	rVV4	1266	1372	0.21%	0.026%
73	12.335	1708	1711	1712	rBV2	1510	1129	0.17%	0.021%
74	12.365	1714	1716	1718	rVB3	1131	834	0.13%	0.016%
75	12.518	1740	1741	1744	rVB2	1740	790	0.12%	0.015%
76	12.615	1750	1757	1763	rVB3	14760	28089	4.27%	0.525%
77	12.695	1763	1770	1777	rBV	131158	222700	33.83%	4.158%
78	12.847	1793	1795	1799	rBV4	1268	1967	0.30%	0.037%
79	12.878	1799	1800	1803	rVB2	1374	1268	0.19%	0.024%
80	12.926	1803	1808	1810	rBV4	1514	2659	0.40%	0.050%
81	13.060	1828	1830	1832	rBV3	1185	1418	0.22%	0.026%
82	13.109	1836	1838	1840	rVV3	1464	1364	0.21%	0.025%
83	13.158	1843	1846	1847	rVV	1552	1554	0.24%	0.029%
84	13.201	1850	1853	1856	rVB4	3416	4570	0.69%	0.085%
85	13.304	1867	1870	1873	rBV4	1919	3063	0.47%	0.057%
86	13.377	1880	1882	1884	rBV2	1387	1112	0.17%	0.021%
87	13.408	1884	1887	1892	rVB4	5021	7830	1.19%	0.146%
88	13.463	1894	1896	1899	rVB2	1706	1587	0.24%	0.030%
89	13.560	1905	1912	1926	rVB	324987	535064	81.28%	9.991%
90	13.853	1954	1960	1968	rBV	288647	486866	73.96%	9.091%
91	14.011	1984	1986	1989	rBV3	1011	1259	0.19%	0.024%
92	14.079	1991	1997	2001	rBV3	7417	13011	1.98%	0.243%
93	14.225	2018	2021	2022	rBV3	1400	1023	0.16%	0.019%
94	14.548	2072	2074	2077	rBV2	1577	1454	0.22%	0.027%
95	14.603	2081	2083	2085	rBV2	1241	1077	0.16%	0.020%
96	15.030	2151	2153	2155	rBV3	1232	1512	0.23%	0.028%
97	15.340	2202	2204	2206	rBV3	1231	977	0.15%	0.018%
98	15.651	2253	2255	2259	rBV4	1729	1325	0.20%	0.025%
99	16.352	2368	2370	2374	rVB3	1631	1521	0.23%	0.028%
100	16.517	2396	2397	2400	rBV3	1414	1186	0.18%	0.022%

Sum of corrected areas: 5355341

LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030119\
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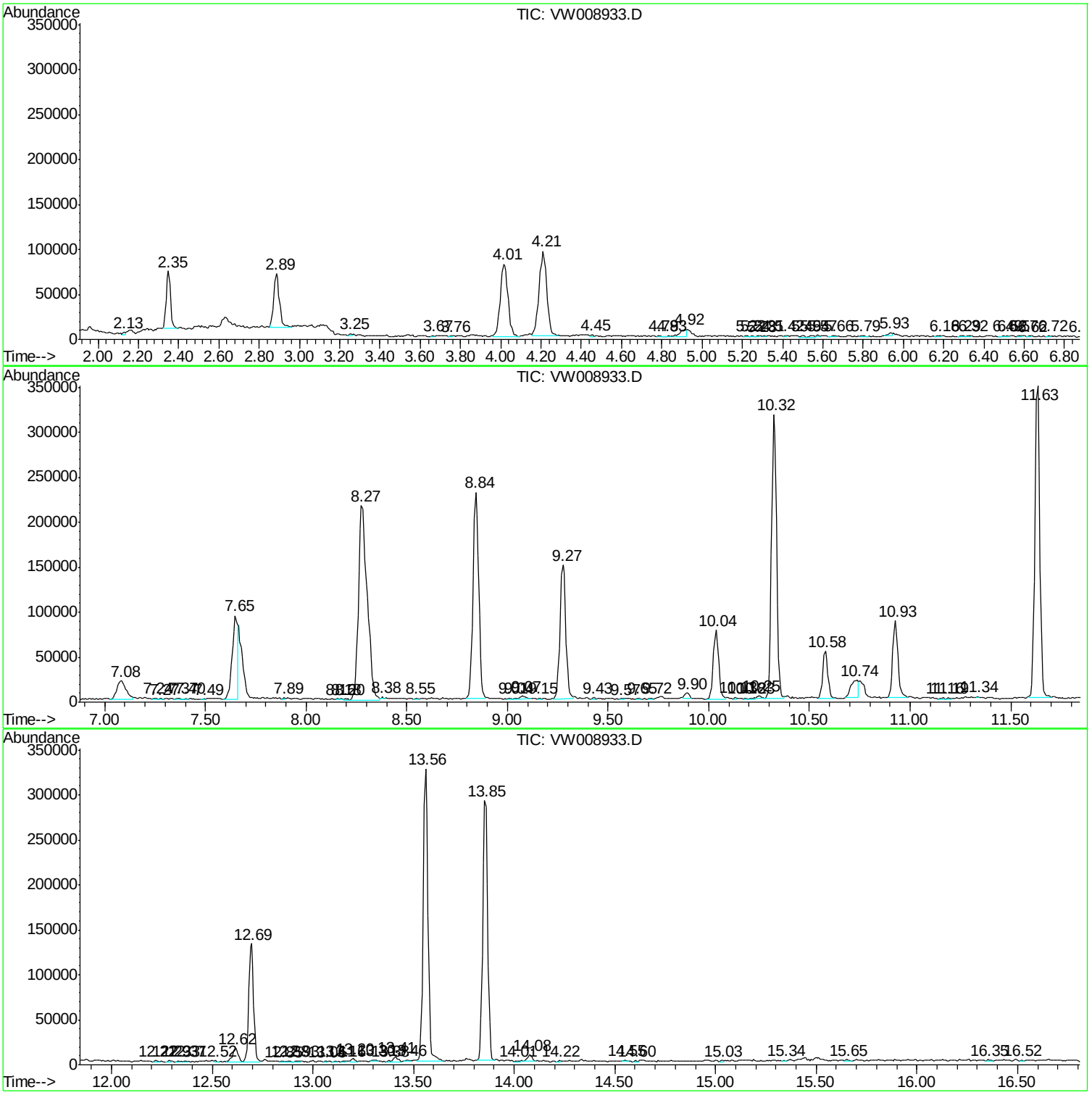
Sample : K1662-05
Misc : 5.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFC61

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 : VW008933.D
Acq On : 01 Mar 2019 19:25
Operator : SY/VA
Sample : K1662-05
Misc : 5.59G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BFC61

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

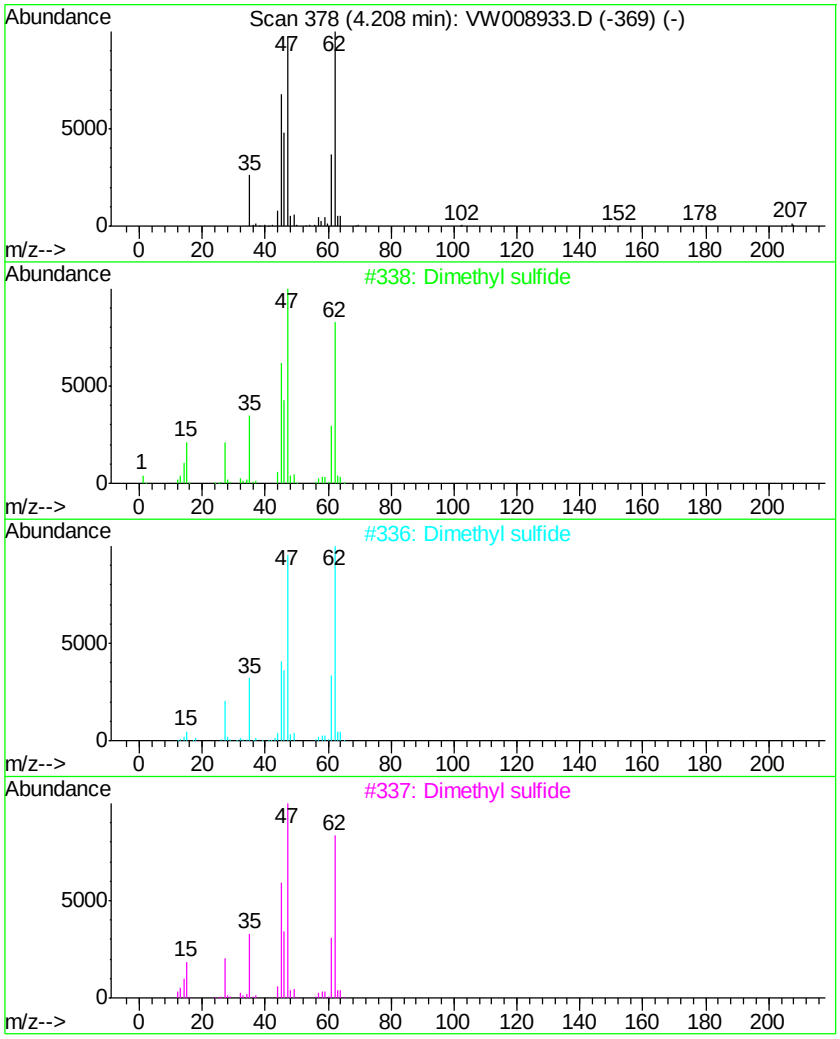
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

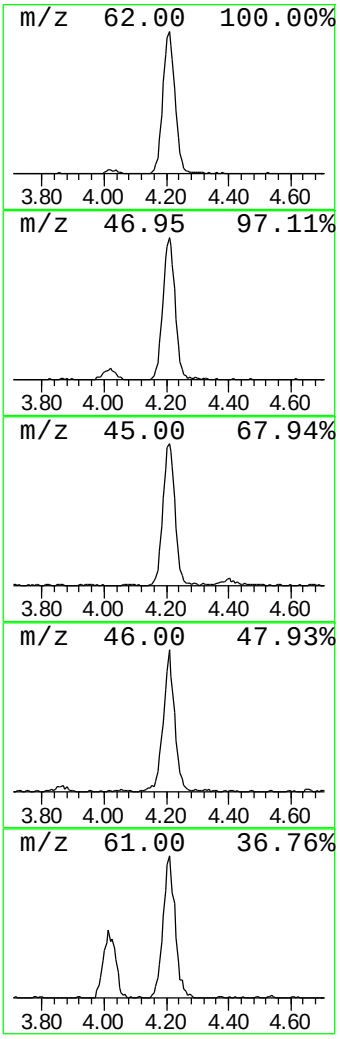
****

Peak Number 1 Dimethyl sulfide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.21	13.83 ug/L	246423	1,4-Difluorobenzene	8.84

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	91
3	Dimethyl sulfide	62	C2H6S	000075-18-3	91
4	Dimethyl sulfide	62	C2H6S	000075-18-3	90
5	Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030119\
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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	13.8	ug/L	246423	1	8.84	445569	25.0