LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW080218\
Data File : VW004454.D
Acq On : 03 Aug 2018 18:30
Operator : SY/AP
Sample : J4268-09
Misc : 4.64G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AA1

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\SOM2WLM080218S.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	1.746	19	26	28	rBV	30902	54896	0.16%	0.133%
2	1.813	28	37	80	rVB	13314847	33493298	100.00%	81.042%
3	2.349	120	125	134	rVB	132085	245400	0.73%	0.594%
4	2.892	207	214	230	rVB	85134	220384	0.66%	0.533%
5	3.837	367	369	370	rBV2	1937	1286	0.00%	0.003%
6	4.002	387	396	408	rVB2	171621	449783	1.34%	1.088%
7	4.197	421	428	439	rVB2	30569	81417	0.24%	0.197%
8	4.379	457	458	464	rBV5	961	1102	0.00%	0.003%
9	4.904	535	544	555	rVV2	21417	64539	0.19%	0.156%
10	5.452	633	634	640	rVB5	631	951	0.00%	0.002%
11	5.751	681	683	686	rVV3	710	988	0.00%	0.002%
12	5.928	703	712	720	rVV5	5084	15700	0.05%	0.038%
13	6.050	728	732	735	rBV4	707	1133	0.00%	0.003%
14	6.099	738	740	743	rVB3	901	853	0.00%	0.002%
15	6.141	743	747	750	rBV5	707	1254	0.00%	0.003%
16	6.355	780	782	786	rBV4	547	770	0.00%	0.002%
17	6.440	794	796	798	rVB2	1258	888	0.00%	0.002%
18	6.464	798	800	802	rBV2	900	849	0.00%	0.002%
19	6.525	807	810	811	rBV2	880	929	0.00%	0.002%
20	6.617	822	825	827	rVV2	945	1034	0.00%	0.003%
21	7.080	890	901	908	rBV	29711	87912	0.26%	0.213%
22	7.300	935	937	943	rBV4	539	800	0.00%	0.002%
23	7.647	984	994	1005	rVV2	217209	523077	1.56%	1.266%
24	7.897	1032	1035	1036	rBV3	1069	985	0.00%	0.002%
25	8.153	1074	1077	1078	rBV2	1082	1093	0.00%	0.003%
26	8.275	1085	1097	1114	rBV2	397089	1201430	3.59%	2.907%
27	8.482	1129	1131	1134	rBV4	956	776	0.00%	0.002%
28	8.556	1141	1143	1148	rVB5	1092	1446	0.00%	0.003%
29	8.690	1163	1165	1168	rBV3	1044	1314	0.00%	0.003%
30	8.842	1181	1190	1200	rBV	335420	686139	2.05%	1.660%
31	8.915	1200	1202	1207	rVB6	1474	2007	0.01%	0.005%
32	9.049	1220	1224	1225	rBV4	1596	2310	0.01%	0.006%
33	9.184	1243	1246	1248	rBV3	714	984	0.00%	0.002%
34	9.275	1252	1261	1272	rBV	285330	587474	1.75%	1.421%

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Instrument : MSVOA_W
ClientSampleId : C0AA1

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\SOM2WLM080218S.M
Title : VOC Analysis

35	9.647	1319	1322	1323	rBV2	703	840	0.00%	0.002%
36	9.964	1369	1374	1375	rVB5	813	1080	0.00%	0.003%
37	10.037	1375	1386	1395	rBV	114683	214090	0.64%	0.518%
38	10.128	1397	1401	1413	rVB2	14845	34078	0.10%	0.082%
39	10.330	1424	1434	1441	rBV	458496	839870	2.51%	2.032%
40	10.580	1469	1475	1488	rVB	78412	136990	0.41%	0.331%
41	10.708	1492	1496	1501	rVV2	3563	6495	0.02%	0.016%
42	10.848	1517	1519	1520	rBV2	889	891	0.00%	0.002%
43	10.927	1525	1532	1544	rBV	104716	199537	0.60%	0.483%
44	11.061	1552	1554	1555	rBV2	1139	955	0.00%	0.002%
45	11.293	1590	1592	1593	rBV2	931	761	0.00%	0.002%
46	11.409	1608	1611	1615	rVB5	773	854	0.00%	0.002%
47	11.451	1615	1618	1620	rBV4	792	978	0.00%	0.002%
48	11.634	1641	1648	1656	rVV	442194	743015	2.22%	1.798%
49	11.707	1658	1660	1661	rBV	1025	817	0.00%	0.002%
50	11.842	1677	1682	1688	rBV6	2197	4048	0.01%	0.010%
51	11.921	1688	1695	1696	rBV5	801	1130	0.00%	0.003%
52	12.055	1715	1717	1720	rVV4	735	844	0.00%	0.002%
53	12.159	1732	1734	1736	rBV2	841	765	0.00%	0.002%
54	12.183	1736	1738	1741	rVB3	1511	1721	0.01%	0.004%
55	12.238	1744	1747	1749	rBV4	685	799	0.00%	0.002%
56	12.293	1755	1756	1760	rVB3	944	961	0.00%	0.002%
57	12.329	1760	1762	1764	rBV2	738	845	0.00%	0.002%
58	12.378	1764	1770	1771	rBV5	514	872	0.00%	0.002%
59	12.427	1777	1778	1781	rBV3	734	801	0.00%	0.002%
60	12.476	1782	1786	1789	rVV3	2788	4259	0.01%	0.010%
61	12.530	1793	1795	1796	rVV2	1348	1225	0.00%	0.003%
62	12.561	1796	1800	1805	rVV5	3585	7463	0.02%	0.018%
63	12.622	1805	1810	1816	rVB4	3923	7643	0.02%	0.018%
64	12.701	1816	1823	1830	rBV	189831	318553	0.95%	0.771%
65	12.768	1830	1834	1842	rVB5	3446	6157	0.02%	0.015%
66	12.854	1846	1848	1849	rBV2	1302	844	0.00%	0.002%
67	12.945	1860	1863	1867	rBV3	1424	1827	0.01%	0.004%
68	13.030	1874	1877	1879	rBV3	1411	1924	0.01%	0.005%
69	13.067	1882	1883	1886	rVV4	1399	1008	0.00%	0.002%
70	13.128	1887	1893	1894	rVV4	782	1186	0.00%	0.003%
71	13.164	1897	1899	1901	rVV2	1255	914	0.00%	0.002%

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ClientSampleId : C0AA1

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\SOM2WLM080218S.M
Title : VOC Analysis

72	13.219	1902	1908	1912	rVV5	8014	15107	0.05%	0.037%
73	13.317	1922	1924	1928	rVB3	1191	1417	0.00%	0.003%
74	13.347	1928	1929	1933	rBV4	786	851	0.00%	0.002%
75	13.421	1936	1941	1944	rBV5	1837	3191	0.01%	0.008%
76	13.482	1946	1951	1954	rBV8	5981	11321	0.03%	0.027%
77	13.567	1958	1965	1973	rBV	295020	480065	1.43%	1.162%
78	13.707	1986	1988	1990	rBV2	872	844	0.00%	0.002%
79	13.859	2006	2013	2020	rBV	298591	485448	1.45%	1.175%
80	13.988	2032	2034	2037	rVB4	1351	1486	0.00%	0.004%
81	14.085	2044	2050	2054	rBV2	8346	14211	0.04%	0.034%
82	14.134	2056	2058	2063	rVB5	1229	1885	0.01%	0.005%
83	14.292	2082	2084	2086	rBV2	1249	1233	0.00%	0.003%
84	14.335	2089	2091	2097	rVV6	2086	3349	0.01%	0.008%
85	14.384	2097	2099	2100	rVB2	1844	1218	0.00%	0.003%
86	14.402	2100	2102	2103	rBV2	929	804	0.00%	0.002%
87	14.457	2109	2111	2113	rVB3	1523	1216	0.00%	0.003%
88	14.506	2113	2119	2122	rBV7	1371	3024	0.01%	0.007%
89	14.640	2137	2141	2143	rBV4	1959	2943	0.01%	0.007%
90	14.737	2155	2157	2160	rBV4	1304	1541	0.00%	0.004%
91	14.798	2166	2167	2170	rBV3	1770	1779	0.01%	0.004%
92	14.847	2173	2175	2178	rVB3	948	902	0.00%	0.002%
93	15.006	2199	2201	2204	rBV2	1186	1076	0.00%	0.003%
94	15.109	2216	2218	2221	rBV3	962	952	0.00%	0.002%
95	15.201	2229	2233	2234	rBV4	1105	1087	0.00%	0.003%
96	15.262	2242	2243	2246	rVB3	1031	896	0.00%	0.002%
97	15.298	2247	2249	2252	rVV3	1734	1586	0.00%	0.004%
98	15.743	2320	2322	2323	rBV2	947	819	0.00%	0.002%
99	15.823	2329	2335	2340	rBV8	1958	4960	0.01%	0.012%
100	15.865	2340	2342	2344	rBV3	1256	971	0.00%	0.002%

Sum of corrected areas: 41328423

LSC Report - Integrated Chromatogram

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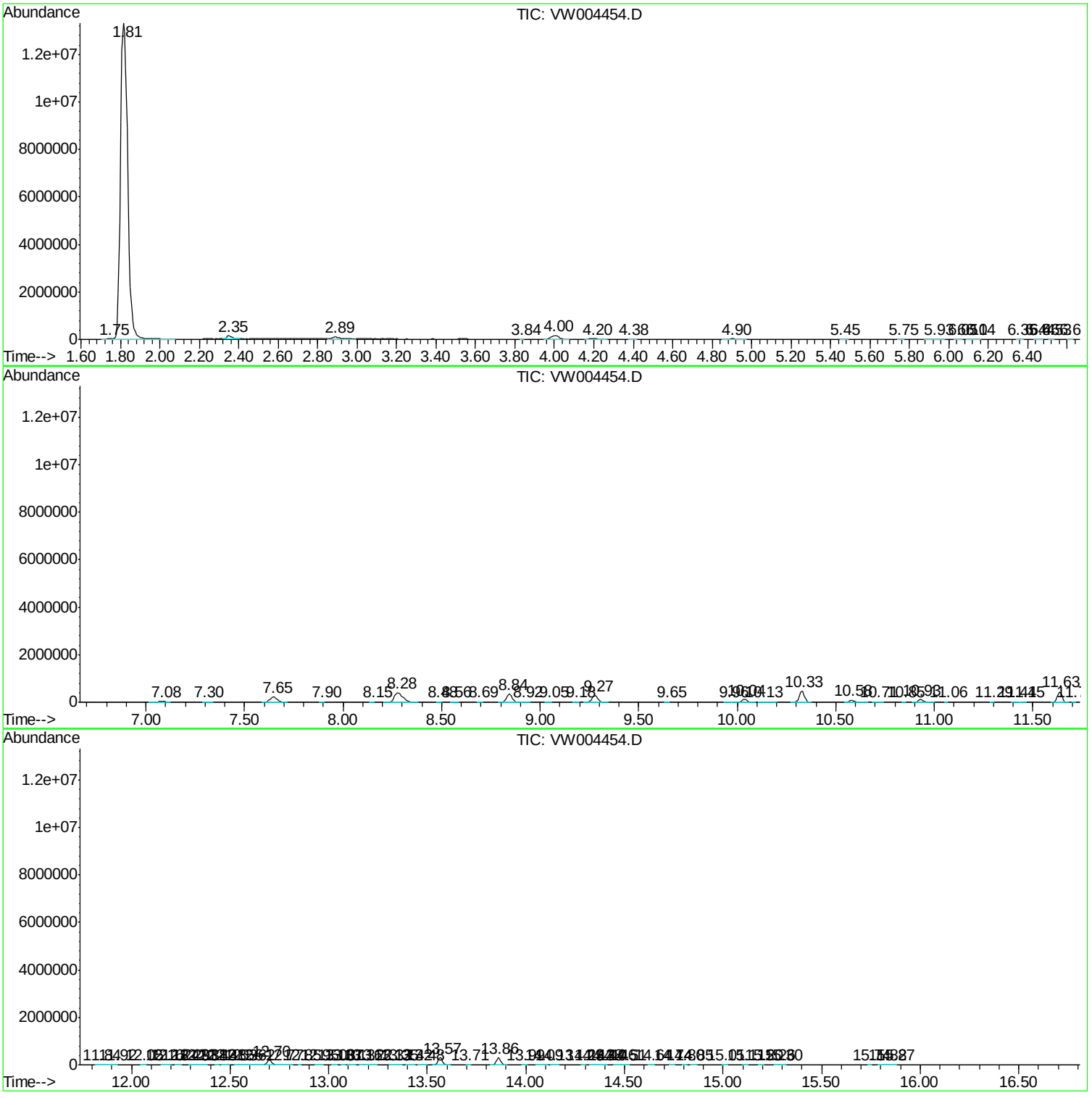
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AA1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.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\VW080218\
Data File : VW004454.D
Acq On : 03 Aug 2018 18:30
Operator : SY/AP
Sample : J4268-09
Misc : 4.64G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : C0AA1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.M
Quant Title : VOC Analysis

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

****

Peak Number 1 Dimethyl sulfide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.20	2.97 ug/L	81417	1,4-Difluorobenzene	8.85

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	91
5	Borane-methyl sulfide complex	76	C2H9BS	013292-87-0	83

Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM080218S.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	4.20	3.0	ug/L	81417	1	8.85	686139	25.0