

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072919\
 Data File : VW011558.D
 Acq On : 29 Jul 2019 14:20
 Operator : SY/VA
 Sample : K3979-18
 Misc : 5.61G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 DB937

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.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	2.160	35	42	54	rBV	40378	88432	6.25%	0.850%
2	2.349	67	73	82	rBV	108064	183385	12.95%	1.762%
3	2.885	153	161	177	rBV	62435	157970	11.16%	1.518%
4	3.269	219	224	226	rBV6	1513	2045	0.14%	0.020%
5	3.385	242	243	248	rVB3	873	1105	0.08%	0.011%
6	3.513	262	264	267	rBV3	693	888	0.06%	0.009%
7	3.574	273	274	276	rBV2	625	662	0.05%	0.006%
8	3.672	284	290	291	rBV3	782	1177	0.08%	0.011%
9	3.690	291	293	295	rVV3	879	1011	0.07%	0.010%
10	3.739	297	301	306	rVB6	892	1778	0.13%	0.017%
11	3.861	312	321	328	rBV6	1935	6248	0.44%	0.060%
12	4.019	335	347	362	rBV	157557	510989	36.09%	4.909%
13	4.354	398	402	404	rVV4	948	1583	0.11%	0.015%
14	4.391	404	408	416	rVV6	1506	4228	0.30%	0.041%
15	4.513	423	428	429	rBV3	532	984	0.07%	0.009%
16	4.604	438	443	444	rVV3	840	1294	0.09%	0.012%
17	4.921	484	495	508	rBV2	9095	34823	2.46%	0.335%
18	5.098	522	524	526	rBV2	601	679	0.05%	0.007%
19	5.391	569	572	574	rVB2	616	578	0.04%	0.006%
20	5.434	574	579	581	rBV3	576	864	0.06%	0.008%
21	5.940	651	662	671	rVV3	9327	28747	2.03%	0.276%
22	6.616	770	773	775	rBV3	537	626	0.04%	0.006%
23	6.702	783	787	789	rBV2	751	749	0.05%	0.007%
24	6.970	828	831	832	rBV2	614	597	0.04%	0.006%
25	7.073	839	848	868	rBV	80038	246376	17.40%	2.367%
26	7.519	918	921	922	rBV4	577	696	0.05%	0.007%
27	7.647	931	942	952	rBV	223038	541489	38.24%	5.202%
28	7.945	987	991	993	rBV5	661	890	0.06%	0.009%
29	8.274	1035	1045	1060	rBV2	481901	1415990	100.00%	13.603%
30	8.610	1097	1100	1106	rBV6	880	1409	0.10%	0.014%
31	8.689	1109	1113	1123	rBV8	1321	2876	0.20%	0.028%
32	8.841	1128	1138	1152	rBV	439648	860379	60.76%	8.265%
33	8.939	1152	1154	1157	rVB4	627	670	0.05%	0.006%
34	9.037	1166	1170	1173	rBV4	1510	2602	0.18%	0.025%

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 Title : VOC Analysis

35	9.067	1173	1175	1176	rBV2	962	617	0.04%	0.006%
36	9.274	1199	1209	1218	rBV	332341	669911	47.31%	6.436%
37	9.408	1227	1231	1234	rBV4	799	1538	0.11%	0.015%
38	9.506	1242	1247	1253	rBV4	1710	3617	0.26%	0.035%
39	9.585	1258	1260	1265	rBV5	724	1263	0.09%	0.012%
40	9.658	1267	1272	1274	rBV3	1794	2380	0.17%	0.023%
41	9.744	1284	1286	1288	rBV2	649	645	0.05%	0.006%
42	9.805	1294	1296	1301	rVB3	515	745	0.05%	0.007%
43	9.860	1301	1305	1307	rBV3	436	580	0.04%	0.006%
44	9.902	1307	1312	1314	rBV5	730	1061	0.07%	0.010%
45	9.957	1317	1321	1324	rBV4	853	991	0.07%	0.010%
46	10.036	1324	1334	1343	rBV	181173	332654	23.49%	3.196%
47	10.207	1358	1362	1363	rBV3	586	591	0.04%	0.006%
48	10.250	1364	1369	1373	rVV3	2517	3930	0.28%	0.038%
49	10.323	1373	1381	1389	rVV	642868	1121085	79.17%	10.770%
50	10.384	1389	1391	1399	rVB2	6728	11310	0.80%	0.109%
51	10.494	1405	1409	1411	rBV4	1378	1816	0.13%	0.017%
52	10.579	1416	1423	1438	rBV	126649	216163	15.27%	2.077%
53	10.707	1438	1444	1449	rBV2	10835	18319	1.29%	0.176%
54	10.865	1468	1470	1472	rVB3	1148	1034	0.07%	0.010%
55	10.926	1473	1480	1499	rBV	277514	479997	33.90%	4.611%
56	11.073	1499	1504	1508	rBV5	3882	7000	0.49%	0.067%
57	11.170	1517	1520	1524	rBV4	778	1102	0.08%	0.011%
58	11.280	1535	1538	1539	rBV3	945	1178	0.08%	0.011%
59	11.512	1571	1576	1577	rBV5	992	1616	0.11%	0.016%
60	11.628	1587	1595	1606	rBV	581641	992815	70.11%	9.538%
61	11.835	1624	1629	1638	rVB2	11099	21735	1.53%	0.209%
62	12.170	1676	1684	1692	rVB5	7577	18896	1.33%	0.182%
63	12.237	1692	1695	1700	rBV5	1517	2948	0.21%	0.028%
64	12.329	1707	1710	1711	rBV3	678	733	0.05%	0.007%
65	12.475	1728	1734	1741	rVV8	2354	4842	0.34%	0.047%
66	12.609	1747	1756	1761	rVV3	13192	27202	1.92%	0.261%
67	12.694	1761	1770	1777	rVV	286350	479536	33.87%	4.607%
68	12.755	1777	1780	1786	rVV7	2857	6475	0.46%	0.062%
69	12.865	1795	1798	1805	rVV5	1687	3703	0.26%	0.036%
70	12.932	1805	1809	1824	rVB10	3085	7792	0.55%	0.075%
71	13.115	1831	1839	1845	rBV7	1470	3872	0.27%	0.037%

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72	13.164	1845	1847	1849	rVV3	1112	1343	0.09%	0.013%
73	13.194	1849	1852	1855	rVV4	1906	2542	0.18%	0.024%
74	13.249	1857	1861	1866	rVV4	3806	6758	0.48%	0.065%
75	13.298	1866	1869	1876	rVB4	2757	4475	0.32%	0.043%
76	13.408	1882	1887	1891	rVB4	3199	5245	0.37%	0.050%
77	13.475	1891	1898	1903	rBV9	2026	5309	0.37%	0.051%
78	13.560	1905	1912	1919	rVV	551706	889652	62.83%	8.547%
79	13.652	1923	1927	1934	rVV3	6802	10596	0.75%	0.102%
80	13.853	1952	1960	1968	rBV	533225	866308	61.18%	8.322%
81	13.926	1970	1972	1973	rVV2	1653	1301	0.09%	0.012%
82	13.944	1973	1975	1979	rVB3	2129	2325	0.16%	0.022%
83	14.030	1987	1989	1990	rVV2	1034	704	0.05%	0.007%
84	14.072	1991	1996	2002	rVB	8830	14320	1.01%	0.138%
85	14.200	2015	2017	2021	rVV4	549	739	0.05%	0.007%
86	14.328	2033	2038	2043	rBV4	4011	6510	0.46%	0.063%
87	14.523	2065	2070	2076	rVB3	4961	8336	0.59%	0.080%
88	14.883	2128	2129	2132	rBV3	775	826	0.06%	0.008%
89	14.956	2139	2141	2143	rVB3	742	583	0.04%	0.006%
90	14.987	2143	2146	2149	rBV4	601	729	0.05%	0.007%
91	15.060	2155	2158	2162	rBV4	787	1306	0.09%	0.013%
92	15.103	2162	2165	2167	rVB4	764	895	0.06%	0.009%
93	15.127	2167	2169	2171	rBV3	650	603	0.04%	0.006%
94	15.182	2174	2178	2182	rVV6	1449	2229	0.16%	0.021%
95	15.371	2206	2209	2212	rBV4	1056	1448	0.10%	0.014%
96	15.407	2214	2215	2216	rVV	1857	1205	0.09%	0.012%
97	15.438	2216	2220	2224	rVV2	5688	10110	0.71%	0.097%
98	15.499	2226	2230	2236	rVB	2538	4600	0.32%	0.044%
99	15.602	2245	2247	2250	rVB4	815	789	0.06%	0.008%
100	16.474	2387	2390	2393	rBV4	964	1039	0.07%	0.010%

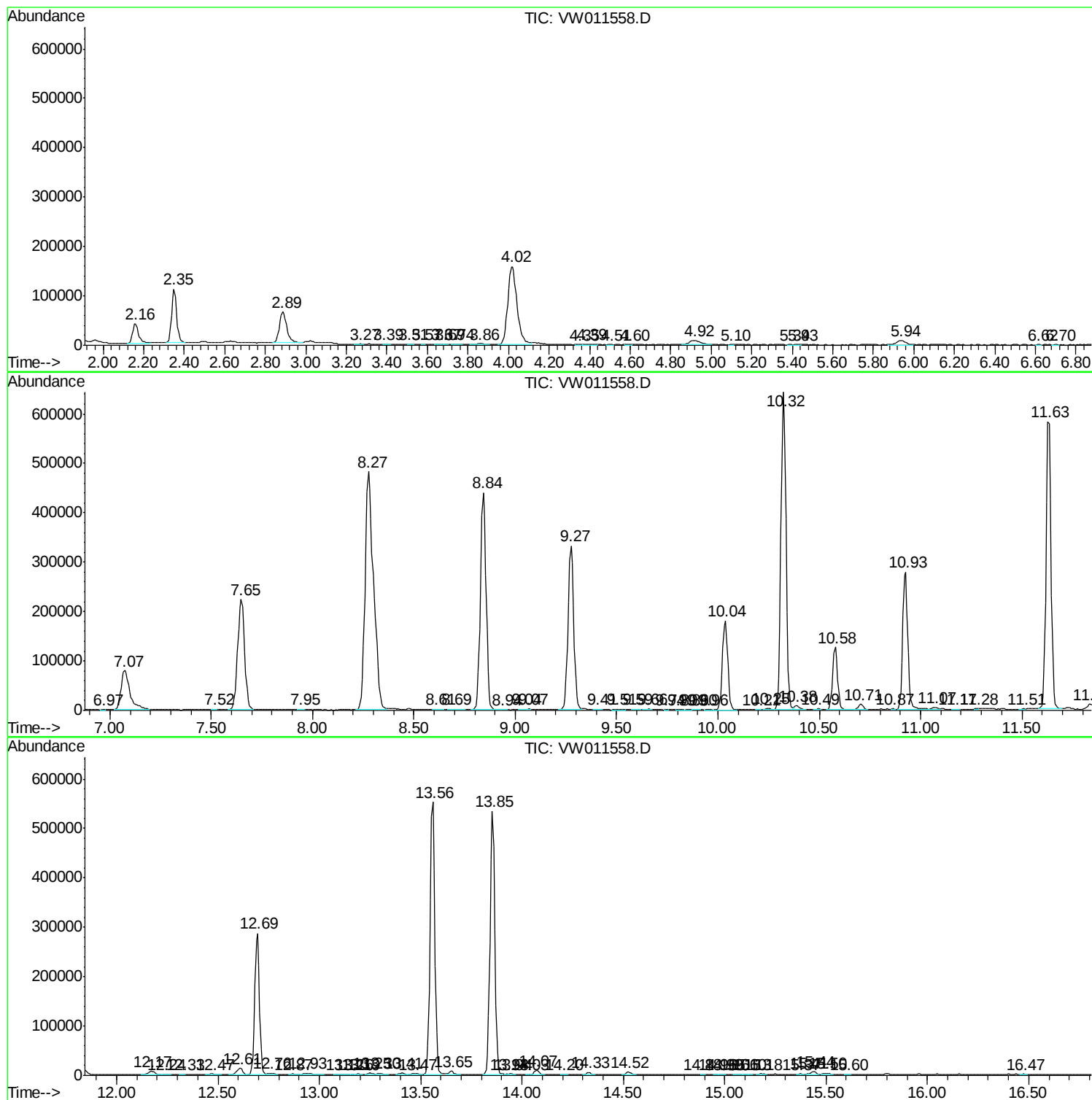
Sum of corrected areas: 10409336

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
Quant Title : VOC Analysis

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



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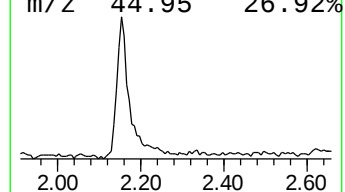
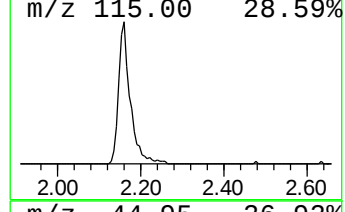
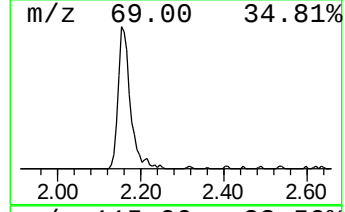
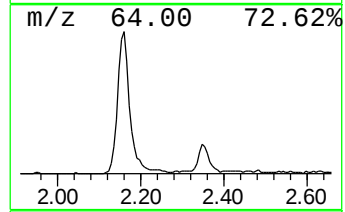
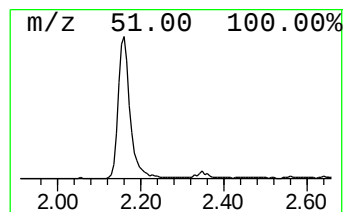
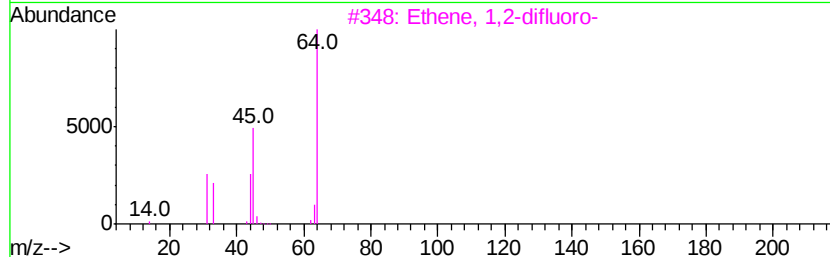
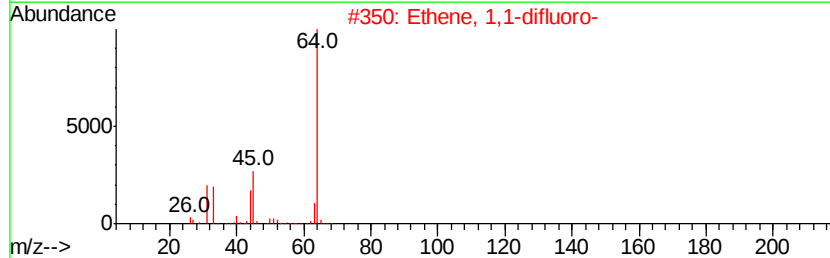
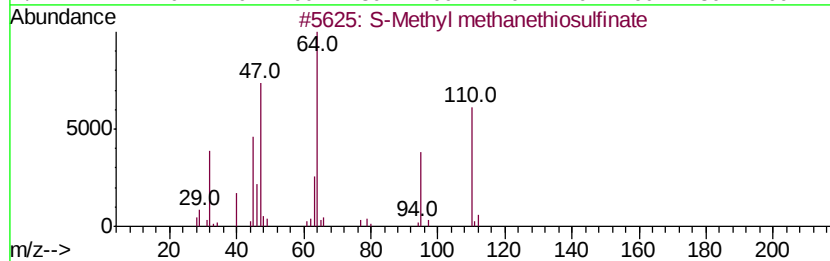
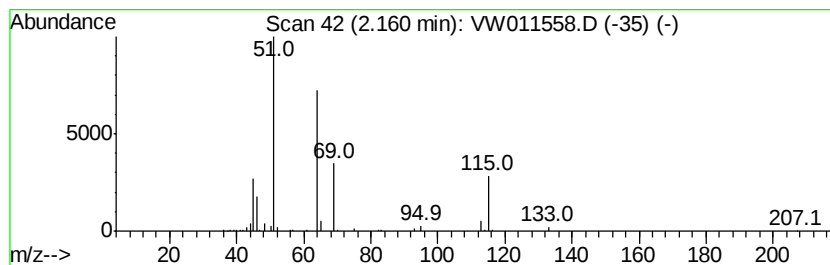
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
Quant Title : VOC Analysis

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

Peak Number 1 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.16	2.57 ug/L	88432	1,4-Difluorobenzene	8.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	S-Methyl methanethiosulfinate	110	C2H6OS2	013882-12-7	10
2		Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	9
3		Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	9
4		Isoflurane	184	C3H2ClF5O	026675-46-7	9
5		Difluoroaminofluoroaminodifluoro...	136	CHF5N2	037931-37-6	9



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	2.16	2.6	ug/L	88432	1	8.84	860379	25.0