LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052019\
Data File : VV010987.D
Acq On : 21 May 2019 06:18
Operator : SY/MD
Sample : K2948-04
Misc : 5.21G/10ML/MSVOA V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BFHA9

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_V\METHOD\SOM2VLM052019S.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	1.206	31	36	50	rVB	7877	10670	20.81%	3.030%
2	1.495	120	126	131	rBV4	914	1530	2.98%	0.435%
3	1.573	146	150	159	rVB2	2931	3690	7.20%	1.048%
4	1.971	272	274	282	rVB4	677	618	1.21%	0.176%
5	2.007	282	285	287	rBV3	298	184	0.36%	0.052%
6	2.055	297	300	301	rBV2	288	151	0.29%	0.043%
7	2.119	311	320	330	rBV2	5901	8666	16.90%	2.461%
8	2.193	334	343	350	rBV2	1714	2497	4.87%	0.709%
9	2.309	374	379	381	rBV2	361	377	0.74%	0.107%
10	2.370	394	398	401	rBV2	197	221	0.43%	0.063%
11	2.534	440	449	455	rBV4	1120	1770	3.45%	0.503%
12	2.618	470	475	478	rVB2	226	239	0.47%	0.068%
13	2.769	518	522	529	rBV2	234	356	0.69%	0.101%
14	2.794	529	530	534	rBV2	219	154	0.30%	0.044%
15	2.859	548	550	553	rVB2	196	133	0.26%	0.038%
16	2.881	553	557	561	rBV	282	239	0.47%	0.068%
17	2.946	575	577	582	rVB	246	209	0.41%	0.059%
18	2.974	582	586	591	rBV2	180	216	0.42%	0.061%
19	3.000	591	594	597	rBV	194	163	0.32%	0.046%
20	3.045	606	608	610	rBV	218	156	0.30%	0.044%
21	3.228	661	665	670	rVV2	137	165	0.32%	0.047%
22	3.277	675	680	682	rBV2	169	188	0.37%	0.053%
23	3.306	686	689	695	rVB2	259	290	0.57%	0.082%
24	3.347	695	702	705	rBV2	269	415	0.81%	0.118%
25	3.434	718	729	737	rBV2	257	573	1.12%	0.163%
26	3.486	742	745	747	rBV2	240	181	0.35%	0.051%
27	3.531	756	759	762	rBV	170	143	0.28%	0.041%
28	3.566	767	770	775	rVB2	216	183	0.36%	0.052%
29	3.656	794	798	802	rBV	223	220	0.43%	0.062%
30	3.733	815	822	826	rBV	232	296	0.58%	0.084%
31	3.782	831	837	842	rBV2	149	210	0.41%	0.060%
32	3.949	879	889	903	rBV2	1347	3793	7.40%	1.077%
33	4.087	930	932	935	rVB2	294	143	0.28%	0.041%
34	4.113	938	940	944	rVB2	214	150	0.29%	0.043%

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Instrument : MSVOA_V
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Title : VOC Analysis

35	4.209	962	970	975	rBV2	273	382	0.74%	0.108%
36	4.392	1015	1027	1047	rBV4	9719	23410	45.65%	6.648%
37	4.499	1058	1060	1064	rBV2	266	166	0.32%	0.047%
38	4.727	1128	1131	1134	rVB2	212	148	0.29%	0.042%
39	4.855	1168	1171	1173	rBV2	204	138	0.27%	0.039%
40	5.093	1227	1245	1265	rBV5	20880	51281	100.00%	14.564%
41	5.428	1343	1349	1353	rBV2	220	278	0.54%	0.079%
42	5.524	1374	1379	1381	rBV2	187	165	0.32%	0.047%
43	5.553	1385	1388	1393	rVB2	242	214	0.42%	0.061%
44	5.592	1396	1400	1404	rBV	239	250	0.49%	0.071%
45	5.611	1404	1406	1410	rVB	187	144	0.28%	0.041%
46	5.662	1410	1422	1440	rBV2	18458	35940	70.08%	10.207%
47	5.949	1508	1511	1514	rVB2	440	276	0.54%	0.078%
48	6.013	1528	1531	1538	rVB2	209	242	0.47%	0.069%
49	6.116	1552	1563	1579	rVB2	13832	26516	51.71%	7.530%
50	6.174	1579	1581	1584	rVB2	235	137	0.27%	0.039%
51	6.312	1621	1624	1626	rBV	181	138	0.27%	0.039%
52	6.531	1690	1692	1695	rBV	183	137	0.27%	0.039%
53	6.656	1727	1731	1735	rVB2	250	228	0.44%	0.065%
54	6.736	1752	1756	1760	rVV2	266	238	0.46%	0.068%
55	6.865	1792	1796	1799	rBV2	206	196	0.38%	0.056%
56	6.913	1806	1811	1816	rVB2	237	361	0.70%	0.103%
57	6.939	1816	1819	1821	rBV2	250	190	0.37%	0.054%
58	7.032	1838	1848	1860	rVB4	4498	8265	16.12%	2.347%
59	7.360	1938	1950	1964	rBV	16723	28760	56.08%	8.168%
60	7.447	1973	1977	1978	rBV2	376	246	0.48%	0.070%
61	7.489	1985	1990	1994	rVB	182	217	0.42%	0.062%
62	7.511	1994	1997	2002	rVB2	350	371	0.72%	0.105%
63	7.550	2006	2009	2011	rVB2	252	140	0.27%	0.040%
64	7.566	2011	2014	2019	rVB2	225	162	0.32%	0.046%
65	7.601	2019	2025	2028	rBV2	243	332	0.65%	0.094%
66	7.666	2036	2045	2054	rBV5	2956	5160	10.06%	1.465%
67	7.810	2085	2090	2093	rBV2	243	178	0.35%	0.051%
68	7.884	2110	2113	2115	rBV	255	147	0.29%	0.042%
69	7.974	2138	2141	2147	rBV2	513	489	0.95%	0.139%
70	8.138	2180	2192	2200	rBV5	3591	6389	12.46%	1.814%
71	8.344	2252	2256	2261	rVB2	296	264	0.51%	0.075%

LSC Area Percent Report

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % of largest Peak
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Stop Thrs : 0 Peak Location: TOP

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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Title : VOC Analysis

72	8.588	2329	2332	2334	rBV2	178	145	0.28%	0.041%
73	8.640	2345	2348	2353	rVB2	200	144	0.28%	0.041%
74	8.711	2363	2370	2375	rBV2	212	403	0.79%	0.114%
75	8.897	2417	2428	2441	rBV	26890	45228	88.20%	12.845%
76	9.077	2480	2484	2493	rVB	384	437	0.85%	0.124%
77	9.129	2498	2500	2503	rVB	299	130	0.25%	0.037%
78	9.154	2503	2508	2511	rBV	198	184	0.36%	0.052%
79	9.177	2511	2515	2517	rBV	363	220	0.43%	0.062%
80	9.286	2545	2549	2552	rVV	243	218	0.43%	0.062%
81	9.315	2557	2558	2562	rVB2	362	193	0.38%	0.055%
82	9.421	2588	2591	2593	rVB2	308	156	0.30%	0.044%
83	9.537	2623	2627	2628	rBV3	343	249	0.49%	0.071%
84	9.772	2693	2700	2702	rBV2	306	386	0.75%	0.110%
85	10.260	2843	2852	2865	rVB2	13785	21851	42.61%	6.206%
86	10.421	2899	2902	2904	rBV2	232	187	0.36%	0.053%
87	11.042	3091	3095	3097	rBV	212	212	0.41%	0.060%
88	11.296	3165	3174	3190	rVB3	14891	25643	50.00%	7.283%
89	11.476	3228	3230	3233	rBV	169	132	0.26%	0.037%
90	11.675	3281	3292	3303	rBV2	14286	22125	43.14%	6.283%
91	12.286	3479	3482	3485	rBV3	274	224	0.44%	0.064%
92	13.794	3945	3951	3956	rBV5	513	563	1.10%	0.160%
93	14.267	4096	4098	4102	rBV	310	221	0.43%	0.063%
94	14.524	4173	4178	4180	rBV3	232	259	0.51%	0.074%
95	14.562	4187	4190	4192	rBV2	218	131	0.26%	0.037%
96	14.794	4260	4262	4265	rBV	243	142	0.28%	0.040%
97	14.964	4313	4315	4319	rBV3	180	142	0.28%	0.040%
98	15.016	4329	4331	4337	rBV3	230	168	0.33%	0.048%
99	16.771	4875	4877	4880	rBV3	505	249	0.49%	0.071%
100	16.964	4935	4937	4940	rBV2	466	292	0.57%	0.083%

Sum of corrected areas: 352118

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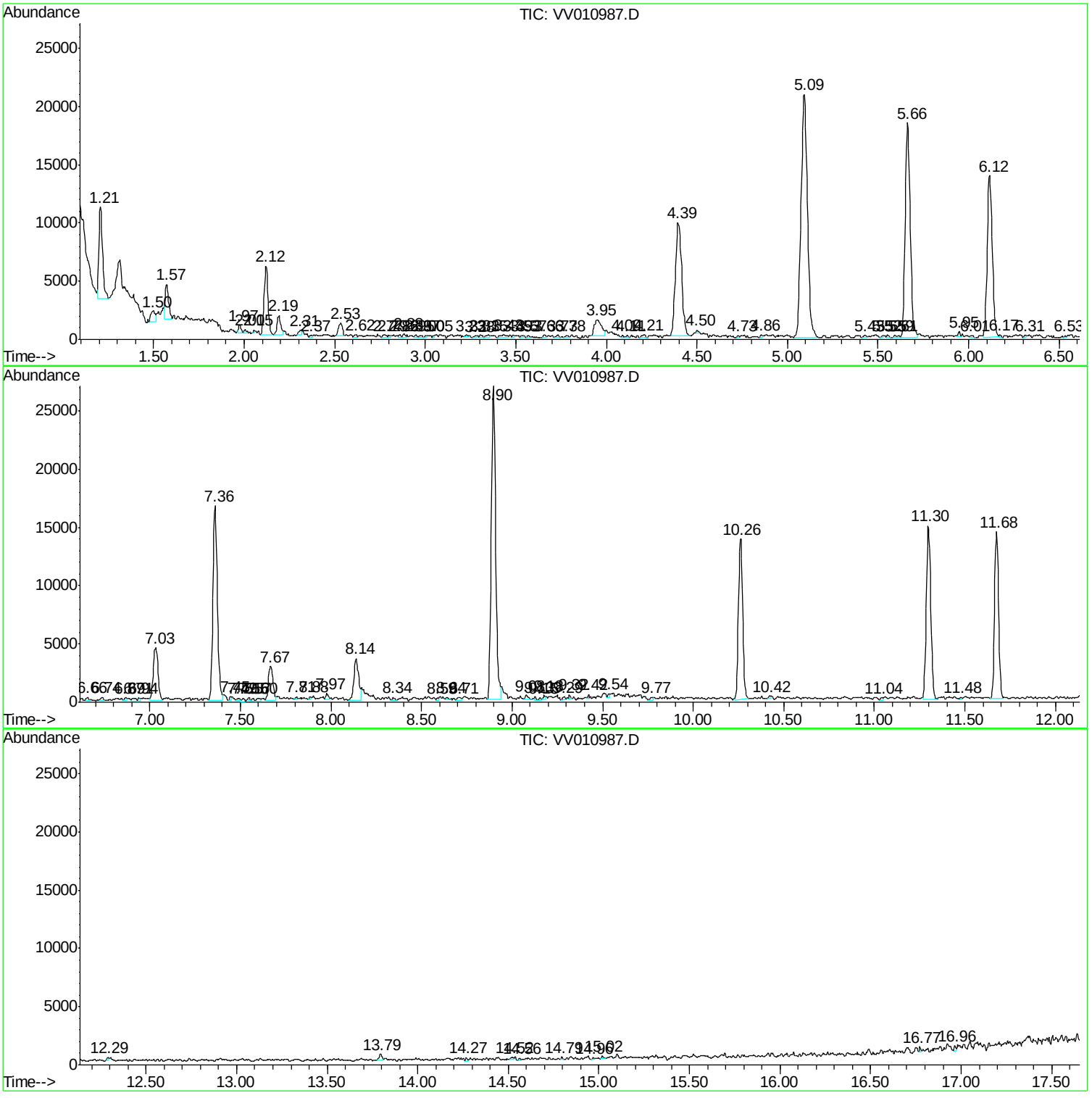
Instrument : MSVOA_V
ClientSampleId : BFHA9

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis

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



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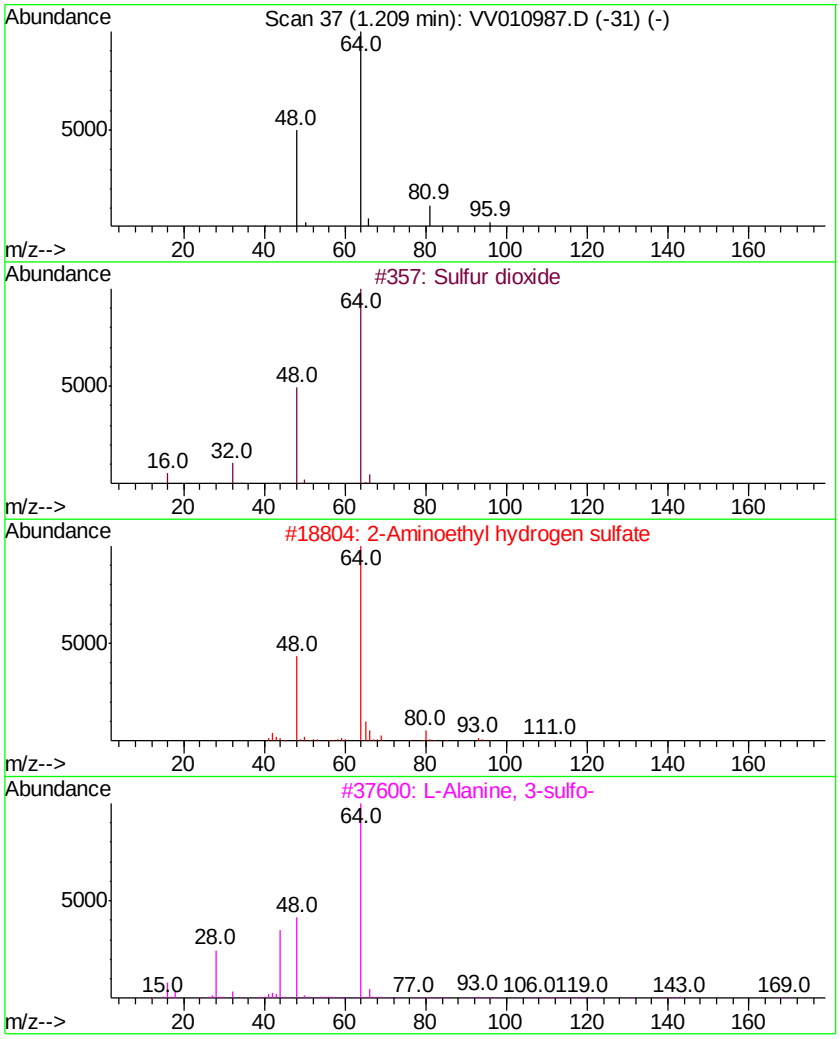
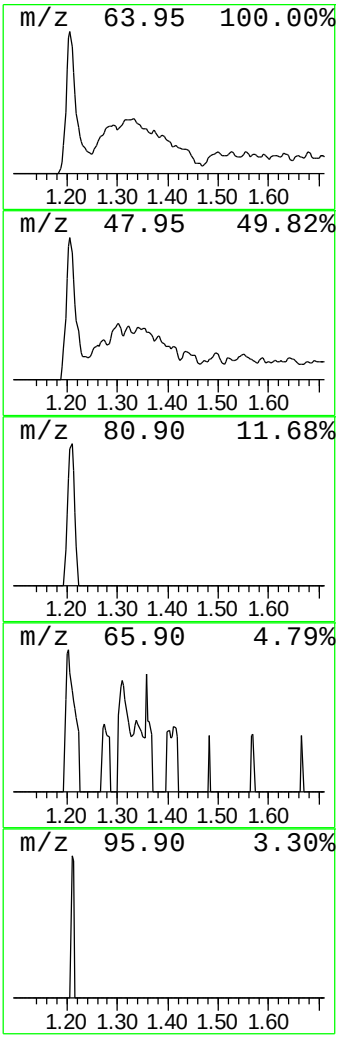
****

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	7.42 ug/L	10670	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	74
2	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	9
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.21	7.4	ug/L	10670	1	5.66	35940	25.0