LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV032919\
Data File : VV009999.D
Acq On : 29 Mar 2019 14:17
Operator : SY/MD
Sample : K2120-05RE
Misc : 5.48G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5C8RE

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\SOM2VLM032619S.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	32	36	47	rVB	11241	14091	14.62%	2.723%
2	2.402	405	408	409	rBV2	450	273	0.28%	0.053%
3	2.483	431	433	437	rBV3	540	386	0.40%	0.075%
4	2.618	471	475	479	rBV2	350	356	0.37%	0.069%
5	2.656	485	487	494	rVB4	1108	911	0.95%	0.176%
6	2.692	494	498	500	rBV	479	350	0.36%	0.068%
7	2.775	522	524	529	rBV2	444	306	0.32%	0.059%
8	2.849	545	547	553	rVB2	449	312	0.32%	0.060%
9	3.045	606	608	610	rBV2	669	401	0.42%	0.077%
10	3.065	610	614	615	rBV3	931	608	0.63%	0.117%
11	3.148	637	640	646	rVB2	390	343	0.36%	0.066%
12	3.232	663	666	670	rBV	405	358	0.37%	0.069%
13	3.438	726	730	732	rBV2	582	470	0.49%	0.091%
14	3.550	763	765	767	rBV2	521	311	0.32%	0.060%
15	3.746	821	826	829	rBV2	344	325	0.34%	0.063%
16	3.836	850	854	857	rBV2	486	308	0.32%	0.060%
17	3.939	878	886	890	rBV3	3371	5177	5.37%	1.000%
18	4.023	909	912	915	rBV3	590	431	0.45%	0.083%
19	4.097	930	935	937	rBV2	540	528	0.55%	0.102%
20	4.155	950	953	954	rBV	577	263	0.27%	0.051%
21	4.402	1020	1030	1044	rBV3	14102	32510	33.74%	6.283%
22	4.569	1079	1082	1088	rBV2	747	789	0.82%	0.152%
23	4.595	1088	1090	1092	rBV2	635	316	0.33%	0.061%
24	4.675	1111	1115	1119	rBV3	738	589	0.61%	0.114%
25	4.804	1150	1155	1159	rBV2	343	360	0.37%	0.070%
26	4.891	1179	1182	1186	rBV2	395	380	0.39%	0.073%
27	4.933	1191	1195	1196	rBV2	619	374	0.39%	0.072%
28	5.003	1215	1217	1218	rBV	557	263	0.27%	0.051%
29	5.026	1223	1224	1228	rVB2	828	319	0.33%	0.062%
30	5.093	1231	1245	1267	rBV3	37618	96364	100.00%	18.622%
31	5.306	1308	1311	1312	rBV	598	333	0.35%	0.064%
32	5.470	1360	1362	1365	rVB2	638	338	0.35%	0.065%
33	5.495	1367	1370	1371	rBV2	692	309	0.32%	0.060%
34	5.666	1413	1423	1436	rBV3	25944	52029	53.99%	10.055%

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Misc : 5.48G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5C8RE

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_V\METHOD\SOM2VLM032619S.M
Title : VOC Analysis

35	5.775	1454	1457	1461	rBV3	510	415	0.43%	0.080%
36	5.971	1515	1518	1520	rBV2	453	313	0.32%	0.060%
37	6.074	1547	1550	1552	rBV2	528	382	0.40%	0.074%
38	6.119	1552	1564	1579	rVV5	21245	44216	45.88%	8.545%
39	6.418	1654	1657	1659	rVB2	833	409	0.42%	0.079%
40	6.492	1677	1680	1684	rVB2	640	422	0.44%	0.082%
41	6.518	1684	1688	1694	rBV3	791	1072	1.11%	0.207%
42	6.582	1705	1708	1711	rBV3	386	374	0.39%	0.072%
43	6.672	1732	1736	1737	rBV	725	445	0.46%	0.086%
44	6.691	1738	1742	1745	rVV3	890	915	0.95%	0.177%
45	6.817	1777	1781	1783	rBV3	772	496	0.51%	0.096%
46	6.833	1783	1786	1789	rVB3	661	440	0.46%	0.085%
47	7.029	1839	1847	1858	rBV3	8905	14770	15.33%	2.854%
48	7.177	1891	1893	1897	rVB	561	302	0.31%	0.058%
49	7.309	1929	1934	1938	rBV3	691	810	0.84%	0.157%
50	7.363	1940	1951	1968	rVV2	33556	60794	63.09%	11.748%
51	7.611	2023	2028	2031	rBV2	554	532	0.55%	0.103%
52	7.627	2031	2033	2037	rVV2	500	354	0.37%	0.068%
53	7.666	2037	2045	2056	rVV6	5215	9494	9.85%	1.835%
54	7.765	2070	2076	2078	rBV	884	837	0.87%	0.162%
55	7.913	2120	2122	2127	rVB2	890	571	0.59%	0.110%
56	7.939	2127	2130	2135	rBV3	596	555	0.58%	0.107%
57	8.071	2167	2171	2173	rBV	339	268	0.28%	0.052%
58	8.138	2180	2192	2203	rBV3	7692	14941	15.50%	2.887%
59	8.849	2410	2413	2416	rBV2	605	401	0.42%	0.077%
60	8.897	2418	2428	2442	rBV	32837	58229	60.43%	11.253%
61	9.035	2469	2471	2475	rVB	681	380	0.39%	0.073%
62	9.055	2475	2477	2480	rBV	660	373	0.39%	0.072%
63	9.521	2619	2622	2623	rBV2	493	264	0.27%	0.051%
64	9.598	2644	2646	2651	rBV	432	304	0.32%	0.059%
65	9.678	2669	2671	2677	rVB3	639	482	0.50%	0.093%
66	9.801	2705	2709	2711	rBV	491	304	0.32%	0.059%
67	9.836	2717	2720	2723	rVB2	515	292	0.30%	0.056%
68	10.010	2771	2774	2777	rBV	322	317	0.33%	0.061%
69	10.135	2808	2813	2816	rBV3	593	527	0.55%	0.102%
70	10.186	2827	2829	2834	rVB2	499	372	0.39%	0.072%
71	10.264	2843	2853	2869	rVB3	18131	28261	29.33%	5.461%

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Misc : 5.48G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5C8RE

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\SOM2VLM032619S.M
Title : VOC Analysis

72	10.389	2887	2892	2896	rBV3	555	534	0.55%	0.103%
73	10.614	2957	2962	2966	rVB2	612	564	0.59%	0.109%
74	10.740	2999	3001	3005	rBV2	419	254	0.26%	0.049%
75	10.865	3038	3040	3044	rVB2	612	413	0.43%	0.080%
76	11.084	3105	3108	3112	rBV	382	274	0.28%	0.053%
77	11.203	3143	3145	3147	rBV2	601	294	0.31%	0.057%
78	11.299	3165	3175	3193	rVB4	14218	25487	26.45%	4.925%
79	11.424	3212	3214	3217	rBV2	589	374	0.39%	0.072%
80	11.543	3249	3251	3256	rVB2	523	321	0.33%	0.062%
81	11.672	3283	3291	3306	rVB3	14271	25862	26.84%	4.998%
82	11.801	3329	3331	3334	rBV2	450	301	0.31%	0.058%
83	12.112	3425	3428	3433	rVB2	610	423	0.44%	0.082%
84	12.247	3466	3470	3471	rBV2	606	417	0.43%	0.081%
85	12.267	3474	3476	3480	rBV2	480	368	0.38%	0.071%
86	12.489	3544	3545	3550	rVB2	636	280	0.29%	0.054%
87	12.553	3563	3565	3569	rVB3	629	333	0.35%	0.064%
88	12.633	3588	3590	3594	rBV2	416	323	0.34%	0.062%
89	13.032	3712	3714	3718	rBV3	323	262	0.27%	0.051%
90	13.112	3737	3739	3744	rBV2	393	296	0.31%	0.057%
91	13.251	3780	3782	3784	rVV2	601	259	0.27%	0.050%
92	13.656	3905	3908	3912	rBV2	440	402	0.42%	0.078%
93	13.964	4002	4004	4006	rBV3	699	380	0.39%	0.073%
94	14.000	4012	4015	4016	rBV	817	350	0.36%	0.068%
95	14.505	4169	4172	4175	rBV2	585	514	0.53%	0.099%
96	14.762	4249	4252	4255	rBV2	433	346	0.36%	0.067%
97	14.833	4270	4274	4275	rBV2	590	385	0.40%	0.074%
98	15.206	4388	4390	4394	rBV2	641	421	0.44%	0.081%
99	15.231	4396	4398	4401	rBV	523	280	0.29%	0.054%
100	15.672	4533	4535	4538	rVB	810	334	0.35%	0.065%

Sum of corrected areas: 517465

LSC Report - Integrated Chromatogram

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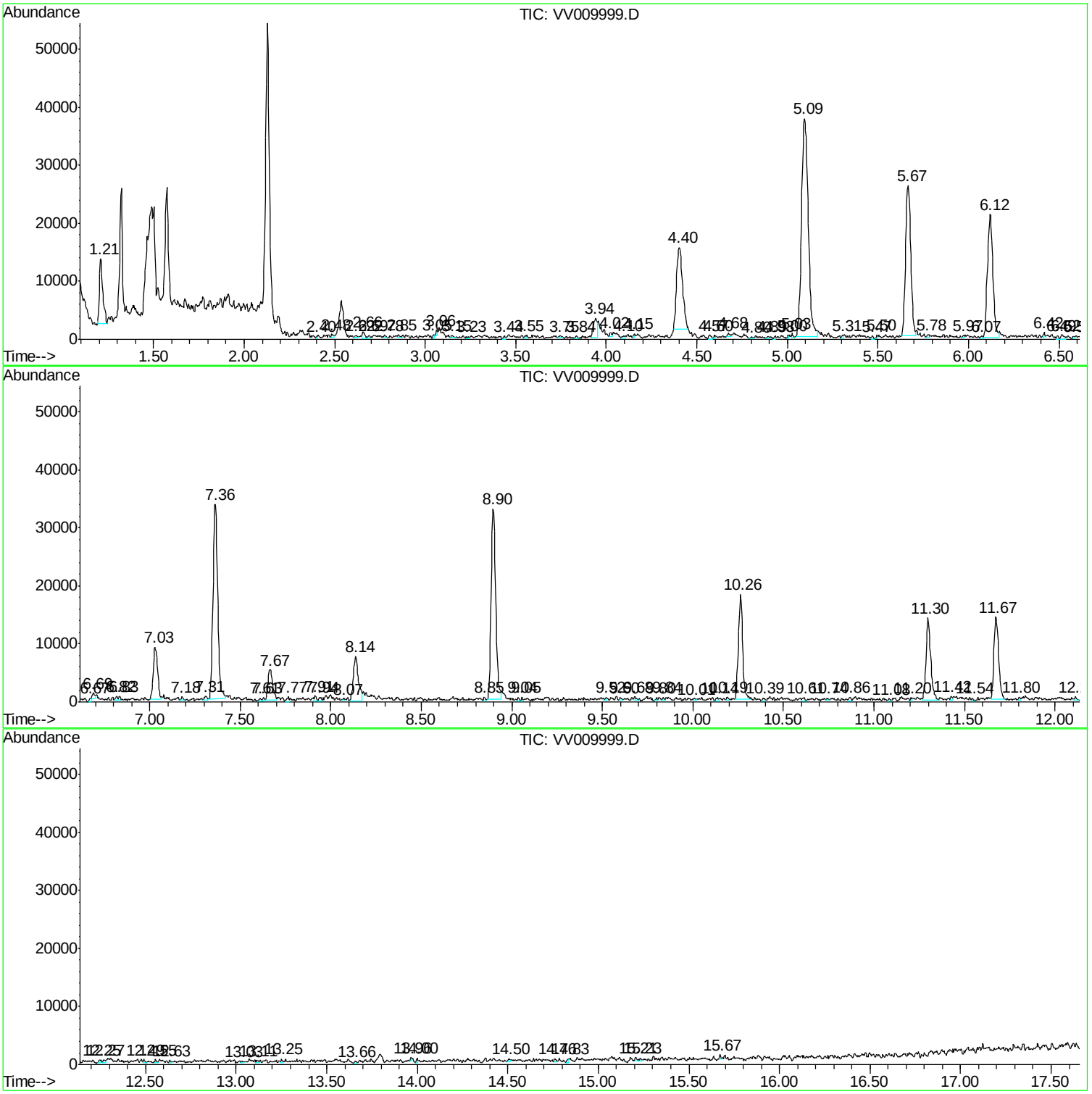
Instrument : MSVOA_V
ClientSampleId : BF5C8RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.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_V\DATA\VV032919\
Data File : VV009999.D
Acq On : 29 Mar 2019 14:17
Operator : SY/MD
Sample : K2120-05RE
Misc : 5.48G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BF5C8RE

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis

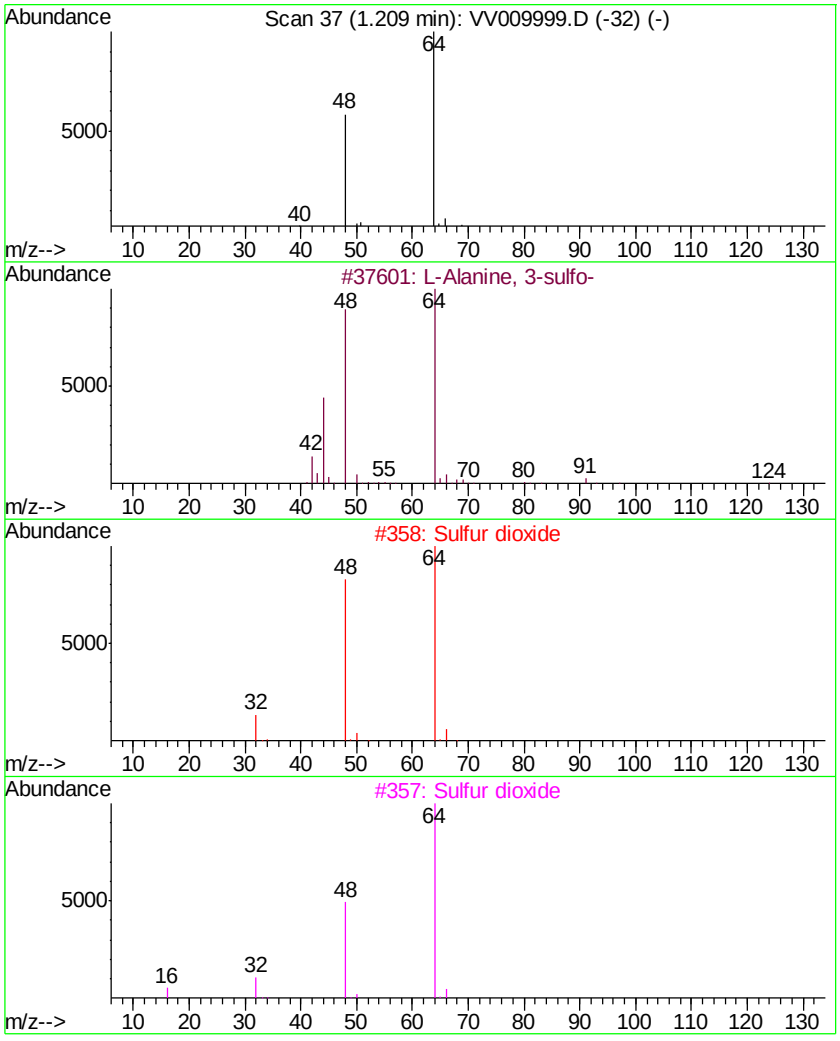
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

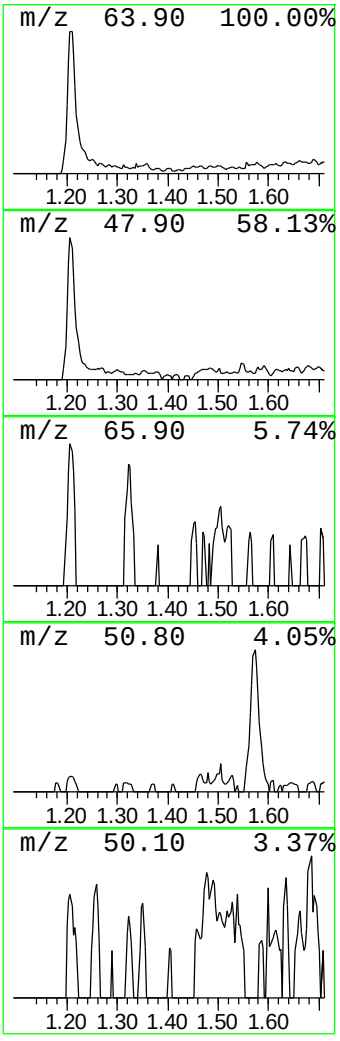
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	6.77 ug/L	14091	1,4-Difluorobenzene	5.67

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





Tentatively Identified Compound (LSC) summary

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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
Sulfur dioxide	1.21	6.8	ug/L	14091	1	5.67	52029	25.0