LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032519\
Data File : VV009874.D
Acq On : 25 Mar 2019 20:46
Operator : SY/MD
Sample : K2016-12DL 100X
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0989DL

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\SOMVLM032519WMA.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	47	rBV	17439	28468	0.95%	0.282%
2	1.319	65	71	81	rBV	162632	154708	5.16%	1.531%
3	1.560	141	146	158	rVB	161227	179034	5.97%	1.772%
4	2.122	313	321	338	rVB	373559	535149	17.85%	5.296%
5	2.605	467	471	475	rBV3	1422	1355	0.05%	0.013%
6	2.830	537	541	543	rBV2	881	698	0.02%	0.007%
7	3.042	605	607	611	rBV	935	599	0.02%	0.006%
8	3.251	669	672	676	rBV2	810	802	0.03%	0.008%
9	3.553	761	766	771	rBV4	833	1120	0.04%	0.011%
10	3.585	771	776	781	rBV4	790	846	0.03%	0.008%
11	3.679	803	805	809	rVB	1035	729	0.02%	0.007%
12	3.859	858	861	863	rBV	1100	635	0.02%	0.006%
13	3.929	872	883	905	rBV2	51372	133083	4.44%	1.317%
14	4.187	960	963	966	rBV3	934	649	0.02%	0.006%
15	4.229	973	976	980	rVB	1260	873	0.03%	0.009%
16	4.296	994	997	999	rBV3	898	707	0.02%	0.007%
17	4.402	1014	1030	1050	rBV2	117097	287123	9.58%	2.842%
18	4.614	1093	1096	1100	rVB	1027	734	0.02%	0.007%
19	4.637	1100	1103	1107	rVB	1514	1100	0.04%	0.011%
20	4.849	1167	1169	1174	rBV3	884	693	0.02%	0.007%
21	4.933	1192	1195	1197	rBV2	1258	760	0.03%	0.008%
22	5.023	1220	1223	1226	rBV2	1159	1074	0.04%	0.011%
23	5.093	1228	1245	1255	rBV2	291635	728202	24.28%	7.207%
24	5.508	1370	1374	1375	rBV	1559	893	0.03%	0.009%
25	5.560	1385	1390	1395	rVB	1453	1497	0.05%	0.015%
26	5.663	1409	1422	1445	rBV	216271	430278	14.35%	4.258%
27	6.045	1538	1541	1543	rBV	866	695	0.02%	0.007%
28	6.116	1551	1563	1591	rVB2	168535	342900	11.44%	3.394%
29	6.290	1615	1617	1623	rBV3	776	714	0.02%	0.007%
30	6.341	1631	1633	1639	rVB2	943	700	0.02%	0.007%
31	6.370	1639	1642	1644	rBV2	1251	901	0.03%	0.009%
32	6.450	1661	1667	1670	rBV2	1715	1836	0.06%	0.018%
33	6.540	1690	1695	1699	rBV3	980	943	0.03%	0.009%
34	6.679	1736	1738	1741	rBV3	999	638	0.02%	0.006%

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Misc : 5.0mL/MSVOA V/WATER
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Instrument : MSVOA_V
ClientSampleId : C0989DL

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\SOMVLM032519WMA.M
Title : VOC Analysis

35	6.833	1782	1786	1788	rBV2	1274	1073	0.04%	0.011%
36	7.029	1836	1847	1862	rBV2	79735	143483	4.78%	1.420%
37	7.138	1878	1881	1886	rVB3	1299	1022	0.03%	0.010%
38	7.219	1903	1906	1912	rBV3	1369	1647	0.05%	0.016%
39	7.360	1934	1950	1968	rBV	334665	596489	19.89%	5.903%
40	7.566	2011	2014	2017	rBV	1335	1003	0.03%	0.010%
41	7.662	2034	2044	2058	rBV	57056	95848	3.20%	0.949%
42	7.833	2092	2097	2099	rBV3	1428	1117	0.04%	0.011%
43	7.933	2125	2128	2132	rVB	1868	1284	0.04%	0.013%
44	7.968	2137	2139	2143	rBV3	942	860	0.03%	0.009%
45	8.135	2180	2191	2209	rBV	173187	308175	10.28%	3.050%
46	8.370	2262	2264	2267	rVB	1256	721	0.02%	0.007%
47	8.399	2269	2273	2276	rVV5	788	721	0.02%	0.007%
48	8.601	2333	2336	2341	rBV2	955	995	0.03%	0.010%
49	8.669	2350	2357	2358	rBV2	1045	848	0.03%	0.008%
50	8.833	2405	2408	2411	rBV3	920	681	0.02%	0.007%
51	8.897	2416	2428	2431	rBV	363830	525039	17.51%	5.196%
52	9.051	2473	2476	2477	rBV	1134	686	0.02%	0.007%
53	9.161	2507	2510	2513	rBV	1006	743	0.02%	0.007%
54	9.209	2522	2525	2528	rBV	1049	908	0.03%	0.009%
55	9.569	2635	2637	2641	rVV2	1034	607	0.02%	0.006%
56	9.672	2664	2669	2676	rVB2	1498	1818	0.06%	0.018%
57	9.711	2676	2681	2684	rBV3	1289	1320	0.04%	0.013%
58	9.904	2738	2741	2743	rBV2	1115	715	0.02%	0.007%
59	10.016	2773	2776	2778	rBV2	1356	1025	0.03%	0.010%
60	10.055	2786	2788	2791	rBV3	708	601	0.02%	0.006%
61	10.264	2838	2853	2868	rBV	232058	372112	12.41%	3.683%
62	10.350	2876	2880	2884	rBV3	1237	1249	0.04%	0.012%
63	10.431	2900	2905	2910	rBV5	1503	1638	0.05%	0.016%
64	10.469	2914	2917	2920	rBV2	968	792	0.03%	0.008%
65	10.714	2989	2993	2995	rBV2	752	592	0.02%	0.006%
66	10.948	3064	3066	3073	rVB4	1264	874	0.03%	0.009%
67	11.228	3143	3153	3163	rVV2	56082	91372	3.05%	0.904%
68	11.318	3163	3181	3203	rVB2	812937	1717878	57.29%	17.002%
69	11.402	3203	3207	3209	rBV2	1752	1266	0.04%	0.013%
70	11.691	3275	3297	3315	rBV3	1653434	2998660	100.00%	29.678%
71	11.823	3335	3338	3341	rVB2	1432	950	0.03%	0.009%

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ClientSampleId : C0989DL

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\SOMVLM032519WMA.M
Title : VOC Analysis

72	11.852	3341	3347	3350	rBV3	1010	1419	0.05%	0.014%
73	12.129	3430	3433	3441	rBV3	1239	1730	0.06%	0.017%
74	12.241	3465	3468	3471	rBV	1351	790	0.03%	0.008%
75	12.292	3481	3484	3489	rBV3	1305	1136	0.04%	0.011%
76	12.315	3489	3491	3495	rBV2	809	658	0.02%	0.007%
77	12.434	3523	3528	3529	rBV	1299	1153	0.04%	0.011%
78	12.479	3538	3542	3544	rBV	909	721	0.02%	0.007%
79	12.678	3602	3604	3607	rVB2	1357	630	0.02%	0.006%
80	12.694	3607	3609	3614	rBV	1434	1282	0.04%	0.013%
81	12.907	3672	3675	3679	rBV3	1495	1138	0.04%	0.011%
82	13.061	3721	3723	3728	rBV3	873	875	0.03%	0.009%
83	13.254	3781	3783	3788	rVB2	1698	1323	0.04%	0.013%
84	13.312	3788	3801	3820	rBV	181100	285158	9.51%	2.822%
85	13.598	3887	3890	3894	rBV	923	974	0.03%	0.010%
86	13.707	3919	3924	3928	rVB4	1157	1203	0.04%	0.012%
87	13.759	3935	3940	3942	rVV2	1228	1268	0.04%	0.013%
88	13.794	3942	3951	3964	rVB3	44484	70578	2.35%	0.699%
89	13.964	4001	4004	4008	rBV	1225	1084	0.04%	0.011%
90	14.038	4024	4027	4032	rBV2	1194	972	0.03%	0.010%
91	14.218	4080	4083	4087	rBV	1394	916	0.03%	0.009%
92	14.283	4099	4103	4104	rBV2	1311	951	0.03%	0.009%
93	14.418	4143	4145	4150	rVB2	952	621	0.02%	0.006%
94	14.656	4215	4219	4221	rBV	1490	1229	0.04%	0.012%
95	14.868	4279	4285	4286	rBV3	1443	1383	0.05%	0.014%
96	14.929	4302	4304	4307	rBV	789	630	0.02%	0.006%
97	15.019	4329	4332	4335	rBV2	988	866	0.03%	0.009%
98	15.238	4392	4400	4403	rBV2	1989	2735	0.09%	0.027%
99	15.302	4415	4420	4422	rBV2	1309	1303	0.04%	0.013%
100	16.202	4697	4700	4704	rBV2	1828	1370	0.05%	0.014%

Sum of corrected areas: 10104044

LSC Report - Integrated Chromatogram

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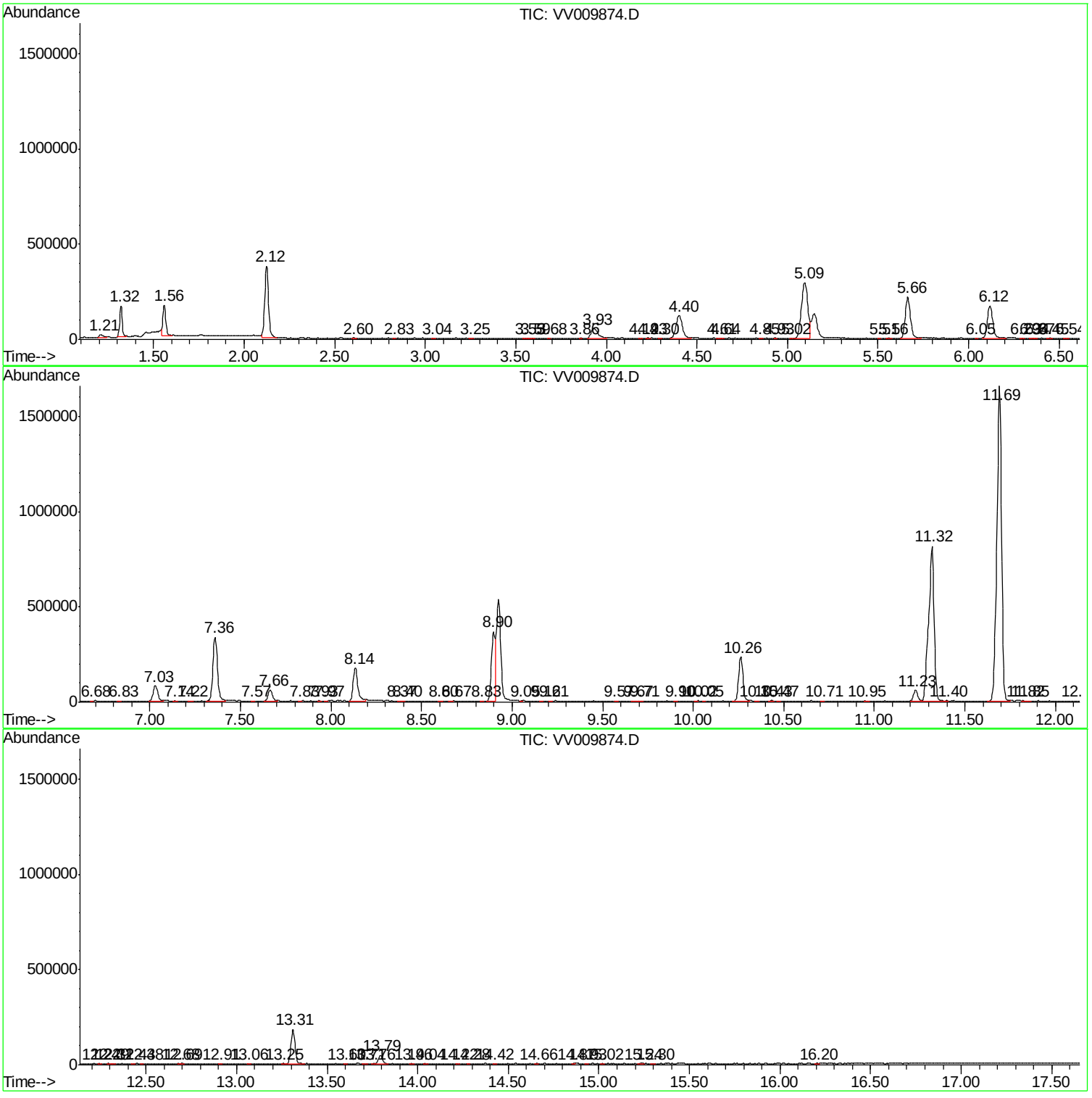
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0989DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.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\VV032519\
Data File : VV009874.D
Acq On : 25 Mar 2019 20:46
Operator : SY/MD
Sample : K2016-12DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : C0989DL

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032519WMA.M
Quant Title : VOC Analysis

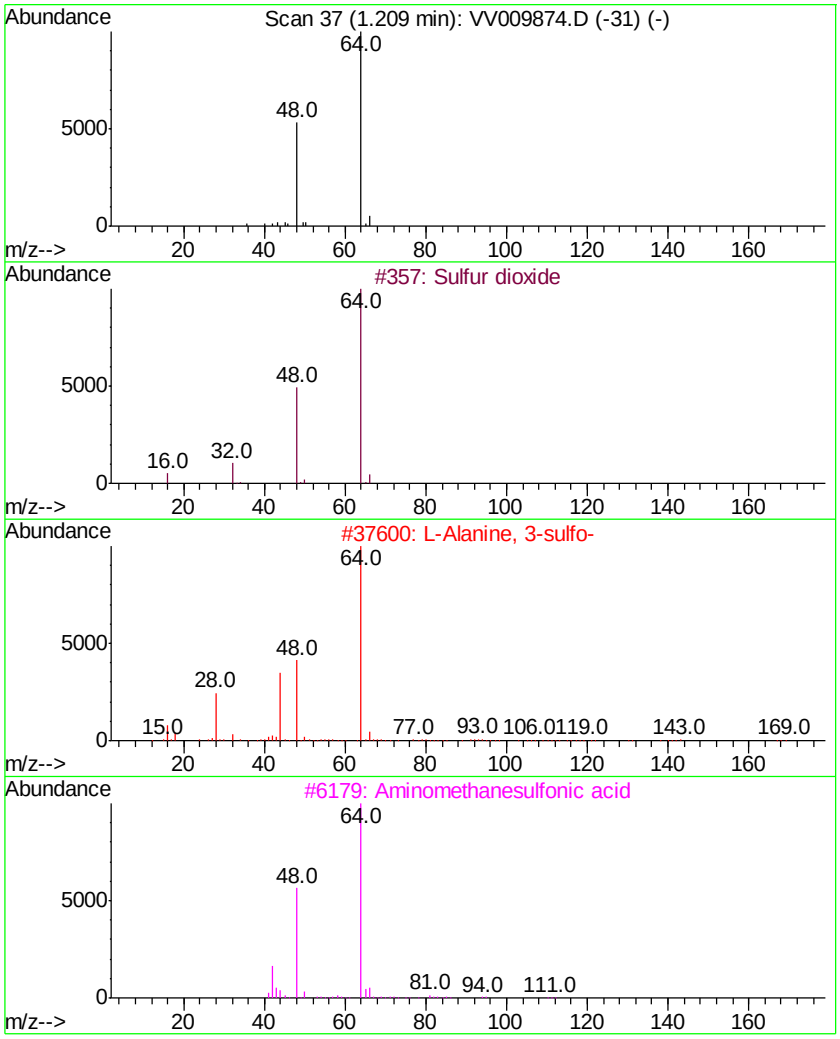
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

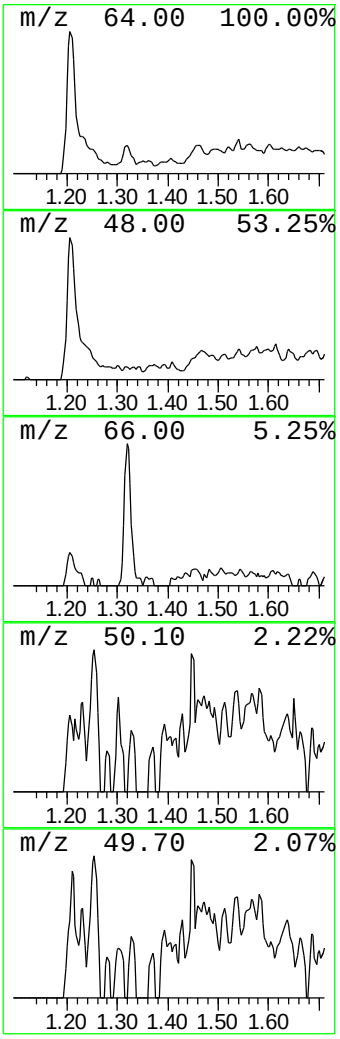
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	3.31 ug/L	28468	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	74
2	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	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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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	3.3	ug/L	28468	1	5.66	430278	50.0