LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120219\
Data File : VV013874.D
Acq On : 02 Dec 2019 16:23
Operator : SY/MD
Sample : K6028-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA6

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\SOMVLM120219WMA.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	1.209	32	37	40	rBV	69885	76084	3.22%	0.397%
2	1.319	65	71	77	rVV	302033	289939	12.29%	1.513%
3	1.360	79	84	92	rVB	147889	153309	6.50%	0.800%
4	1.579	146	152	164	rVB	314132	355849	15.08%	1.856%
5	2.129	314	323	347	rVB2	642589	1215841	51.52%	6.343%
6	2.791	522	529	541	rVB2	13852	24502	1.04%	0.128%
7	2.942	574	576	580	rBV3	1035	886	0.04%	0.005%
8	2.981	584	588	589	rBV2	1500	935	0.04%	0.005%
9	3.010	593	597	599	rBV5	1250	946	0.04%	0.005%
10	3.183	649	651	654	rVB2	1086	403	0.02%	0.002%
11	3.325	693	695	696	rBV2	1180	447	0.02%	0.002%
12	3.409	719	721	722	rVB	1072	306	0.01%	0.002%
13	3.425	724	726	729	rBV3	925	608	0.03%	0.003%
14	3.495	746	748	750	rBV3	1285	667	0.03%	0.003%
15	3.531	757	759	762	rBV4	1297	481	0.02%	0.003%
16	3.547	762	764	767	rVB3	1455	873	0.04%	0.005%
17	3.563	767	769	772	rBV4	1557	1134	0.05%	0.006%
18	3.627	787	789	790	rBV2	850	348	0.01%	0.002%
19	3.640	790	793	795	rBV3	1925	1202	0.05%	0.006%
20	3.749	822	827	828	rBV5	834	658	0.03%	0.003%
21	3.781	835	837	838	rBV2	1432	507	0.02%	0.003%
22	3.923	871	881	917	rBV	182366	530252	22.47%	2.766%
23	4.396	1013	1028	1050	rBV	381149	939932	39.83%	4.904%
24	4.788	1148	1150	1153	rBV3	1489	1122	0.05%	0.006%
25	4.833	1161	1164	1168	rBV4	2659	2486	0.11%	0.013%
26	4.990	1198	1213	1227	rBV10	16197	44478	1.88%	0.232%
27	5.090	1228	1244	1264	rBV2	943144	2360047	100.00%	12.312%
28	5.659	1401	1421	1448	rBV	692322	1376856	58.34%	7.183%
29	5.955	1502	1513	1532	rVB	294830	572716	24.27%	2.988%
30	6.113	1550	1562	1591	rVB	514862	1034159	43.82%	5.395%
31	6.489	1676	1679	1683	rBV3	1055	1011	0.04%	0.005%
32	6.746	1755	1759	1762	rBV5	1447	997	0.04%	0.005%
33	6.772	1762	1767	1768	rBV3	1320	1102	0.05%	0.006%
34	6.884	1799	1802	1807	rVB7	1361	1199	0.05%	0.006%

LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120219\
Data File : VV013874.D
Acq On : 02 Dec 2019 16:23
Operator : SY/MD
Sample : K6028-09
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA6

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\SOMVLM120219WMA.M
Title : VOC Analysis

35	6.913	1809	1811	1814	rBV4	992	558	0.02%	0.003%
36	6.929	1814	1816	1817	rBV2	1166	439	0.02%	0.002%
37	7.026	1834	1846	1866	rBV	280178	499429	21.16%	2.605%
38	7.357	1936	1949	1968	rBV	1053214	1835140	77.76%	9.574%
39	7.659	2032	2043	2063	rBV	200850	350081	14.83%	1.826%
40	8.016	2142	2154	2170	rBV	214085	360927	15.29%	1.883%
41	8.129	2178	2189	2226	rBV2	522389	1136221	48.14%	5.928%
42	8.826	2402	2406	2408	rBV4	2027	1603	0.07%	0.008%
43	8.891	2414	2426	2446	rBV	1012652	1632202	69.16%	8.515%
44	9.248	2532	2537	2539	rBV6	2285	2347	0.10%	0.012%
45	9.370	2573	2575	2576	rBV2	1124	378	0.02%	0.002%
46	9.505	2613	2617	2618	rBV3	1442	981	0.04%	0.005%
47	9.550	2629	2631	2632	rBV2	920	443	0.02%	0.002%
48	9.659	2662	2665	2666	rBV3	1386	764	0.03%	0.004%
49	9.704	2677	2679	2683	rBV3	1311	660	0.03%	0.003%
50	9.820	2713	2715	2718	rBV3	2059	1558	0.07%	0.008%
51	9.897	2737	2739	2742	rBV3	1486	1248	0.05%	0.007%
52	9.939	2750	2752	2754	rBV2	976	493	0.02%	0.003%
53	10.022	2776	2778	2779	rBV2	854	381	0.02%	0.002%
54	10.032	2779	2781	2783	rVV4	1407	787	0.03%	0.004%
55	10.071	2787	2793	2796	rBV8	1743	1984	0.08%	0.010%
56	10.254	2839	2850	2872	rBV	719423	1134943	48.09%	5.921%
57	10.395	2891	2894	2896	rBV4	2038	1277	0.05%	0.007%
58	10.672	2976	2980	2982	rBV5	1301	917	0.04%	0.005%
59	10.688	2982	2985	2989	rBV4	1822	1845	0.08%	0.010%
60	10.958	3064	3069	3073	rBV7	2949	3133	0.13%	0.016%
61	11.289	3161	3172	3192	rBV	936916	1461299	61.92%	7.624%
62	11.665	3277	3289	3309	rBV	1092831	1703568	72.18%	8.887%
63	12.460	3532	3536	3539	rBV6	2204	1985	0.08%	0.010%
64	12.614	3580	3584	3585	rBV3	1310	883	0.04%	0.005%
65	12.694	3601	3609	3623	rVB6	11012	18880	0.80%	0.098%
66	13.443	3839	3842	3844	rBV4	1320	820	0.03%	0.004%
67	13.553	3870	3876	3884	rBV2	10088	15493	0.66%	0.081%
68	13.974	4004	4007	4010	rBV4	1261	753	0.03%	0.004%
69	14.704	4231	4234	4236	rBV3	2532	1631	0.07%	0.009%

Sum of corrected areas: 19168333

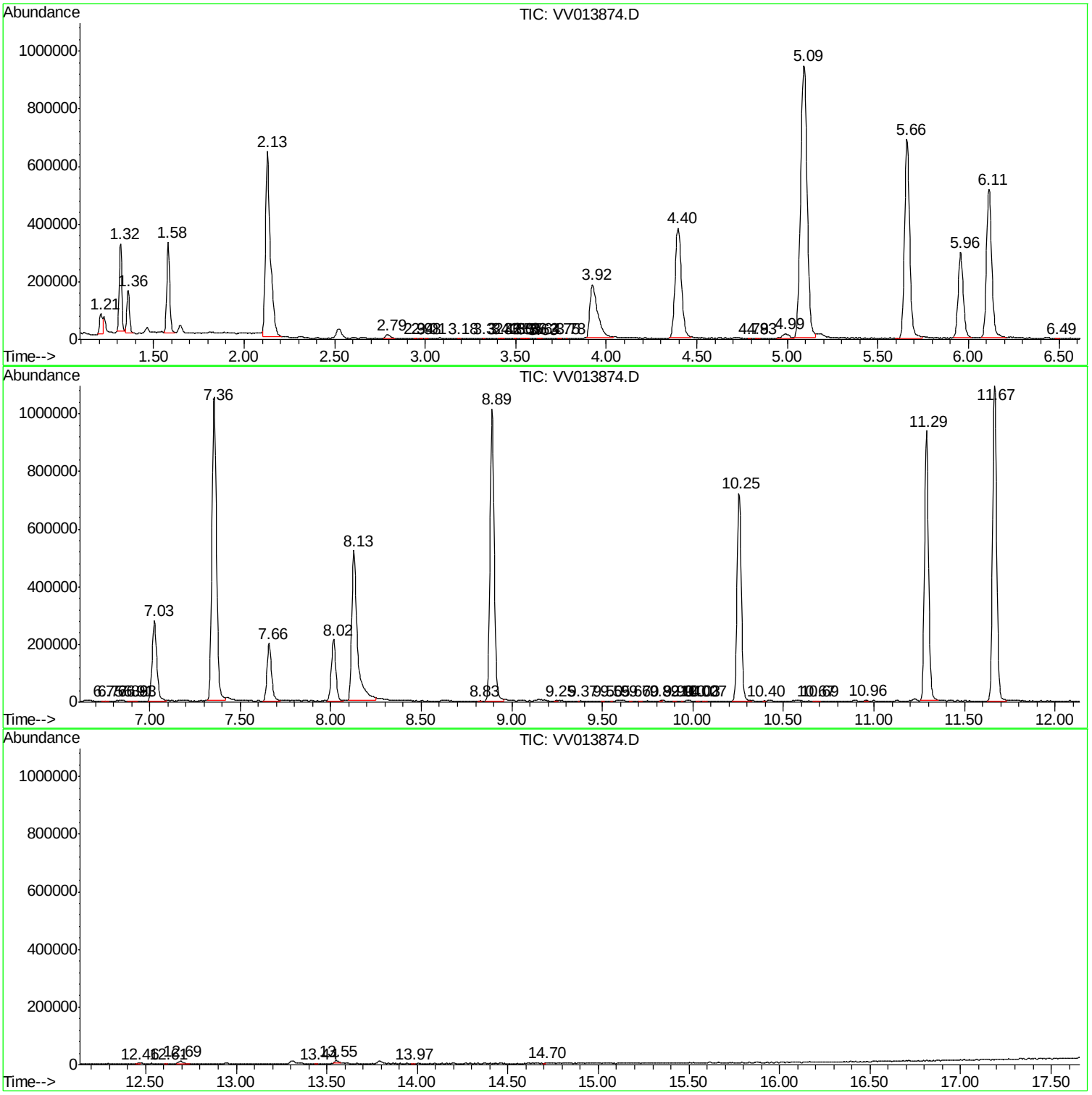
LSC Report - Integrated Chromatogram

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013874.D
Acq On : 02 Dec 2019 16:23
Operator : SY/MD
Sample : K6028-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.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\VV120219\
Data File : VV013874.D
Acq On : 02 Dec 2019 16:23
Operator : SY/MD
Sample : K6028-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
Quant Title : VOC Analysis

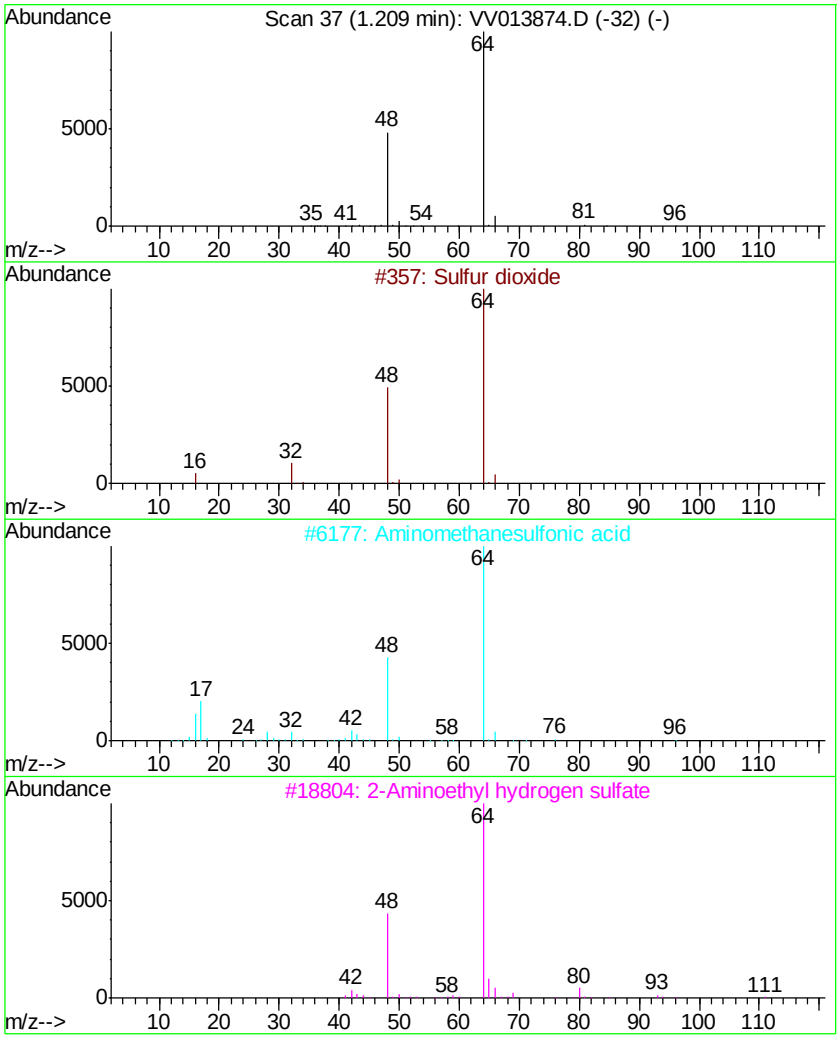
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

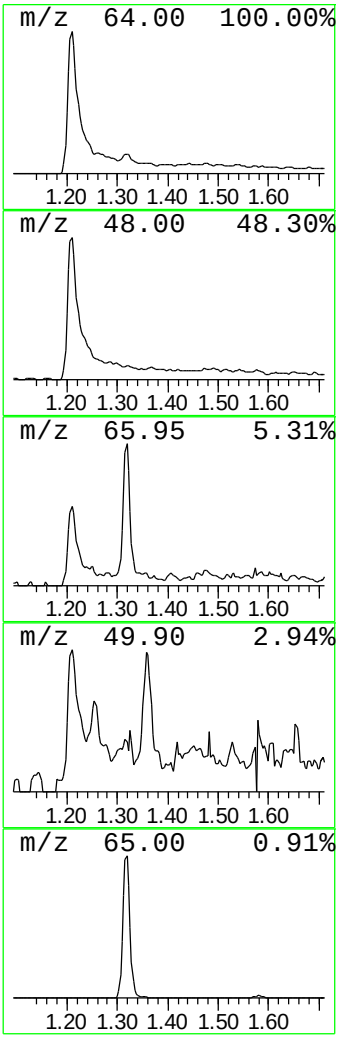
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.21	2.76 ug/L	76084	1,4-Difluorobenzene	5.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	2-Aminoethyl hydrogen sulfate	141	C2H7NO4S	000926-39-6	74
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	64
5	Sulfur dioxide	64	O2S	007446-09-5	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV120219\
Data File : VV013874.D
Acq On : 02 Dec 2019 16:23
Operator : SY/MD
Sample : K6028-09
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : H0AA6

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.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
Sulfur dioxide	1.21	2.8	ug/L	76084	1	5.66	1376860	50.0