LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012624\
Data File : VV033885.D
Acq On : 26 Jan 2024 14:21
Operator : SY/MD
Sample : P1252-02 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMN0

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\SFAMVLM011024WMA.M
Title : VOC Analysis

Signal : TIC: VV033885.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.166	31	39	52	rBV	86298	97315	13.59%	1.662%
2	1.278	67	74	96	rBV	103179	157166	21.96%	2.685%
3	1.529	145	152	170	rVB	81775	105270	14.71%	1.798%
4	2.056	307	316	335	rVB	174545	263883	36.86%	4.508%
5	2.169	349	351	355	rBV2	284	201	0.03%	0.003%
6	2.243	368	374	384	rVB4	875	1152	0.16%	0.020%
7	2.445	432	437	445	rVB3	1121	1693	0.24%	0.029%
8	2.558	465	472	482	rVV2	795	1593	0.22%	0.027%
9	2.645	495	499	502	rBV2	188	142	0.02%	0.002%
10	2.754	529	533	536	rBV2	206	160	0.02%	0.003%
11	2.902	575	579	583	rBV	127	152	0.02%	0.003%
12	3.548	776	780	786	rVB2	213	223	0.03%	0.004%
13	3.699	824	827	831	rVB	181	148	0.02%	0.003%
14	3.725	831	835	837	rBV	189	172	0.02%	0.003%
15	3.783	845	853	886	rBV	55555	144072	20.13%	2.461%
16	4.072	941	943	949	rVB2	475	322	0.04%	0.006%
17	4.249	982	998	1031	rBV	111445	283460	39.60%	4.842%
18	4.465	1062	1065	1068	rVB2	366	266	0.04%	0.005%
19	4.490	1071	1073	1077	rVB	316	227	0.03%	0.004%
20	4.513	1077	1080	1084	rBV3	239	185	0.03%	0.003%
21	4.587	1100	1103	1108	rVB3	233	193	0.03%	0.003%
22	4.748	1150	1153	1155	rBV	221	181	0.03%	0.003%
23	4.815	1171	1174	1179	rVB2	274	240	0.03%	0.004%
24	4.851	1179	1185	1187	rBV	250	162	0.02%	0.003%
25	4.957	1199	1218	1245	rBV2	271378	715845	100.00%	12.229%
26	5.275	1315	1317	1325	rVB3	505	566	0.08%	0.010%
27	5.314	1325	1329	1330	rBV2	339	230	0.03%	0.004%
28	5.362	1340	1344	1347	rBV2	284	238	0.03%	0.004%
29	5.471	1376	1378	1386	rVB3	228	215	0.03%	0.004%
30	5.535	1386	1398	1427	rBV	241512	498121	69.59%	8.509%
31	5.741	1459	1462	1464	rBV2	290	177	0.02%	0.003%
32	5.841	1487	1493	1500	rVB4	1030	1478	0.21%	0.025%
33	5.989	1526	1539	1563	rBV	154424	318760	44.53%	5.445%
34	6.175	1595	1597	1608	rVB4	507	661	0.09%	0.011%
35	6.249	1612	1620	1626	rBV2	203	359	0.05%	0.006%
36	6.288	1628	1632	1638	rBV3	265	308	0.04%	0.005%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012624\
Data File : VV033885.D
Acq On : 26 Jan 2024 14:21
Operator : SY/MD
Sample : P1252-02 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMN0

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\SFAMVLM011024WMA.M
Title : VOC Analysis

37	6.748	1766	1775	1777	rBV2	323	420	0.06%	0.007%
38	6.812	1791	1795	1798	rVB	211	156	0.02%	0.003%
39	6.847	1802	1806	1812	rBV2	151	187	0.03%	0.003%
40	6.915	1812	1827	1849	rBV	90910	167867	23.45%	2.868%
41	7.111	1884	1888	1891	rBV2	235	225	0.03%	0.004%
42	7.243	1917	1929	1957	rBV	320024	568102	79.36%	9.705%
43	7.555	2017	2026	2047	rBV	62383	109743	15.33%	1.875%
44	7.699	2069	2071	2076	rVB2	286	179	0.03%	0.003%
45	7.747	2081	2086	2091	rVB2	273	333	0.05%	0.006%
46	7.799	2098	2102	2107	rBV2	199	214	0.03%	0.004%
47	7.879	2124	2127	2132	rBV2	219	193	0.03%	0.003%
48	7.960	2146	2152	2154	rBV2	271	258	0.04%	0.004%
49	8.024	2162	2172	2209	rBV	200655	364684	50.94%	6.230%
50	8.320	2261	2264	2271	rVB2	409	333	0.05%	0.006%
51	8.352	2271	2274	2280	rBV2	194	185	0.03%	0.003%
52	8.429	2295	2298	2301	rBV3	181	164	0.02%	0.003%
53	8.786	2398	2409	2439	rBV	366382	607665	84.89%	10.381%
54	9.506	2629	2633	2636	rBV2	210	162	0.02%	0.003%
55	9.548	2643	2646	2652	rVB2	292	284	0.04%	0.005%
56	9.583	2652	2657	2661	rBV2	270	261	0.04%	0.004%
57	9.612	2661	2666	2671	rBV2	139	190	0.03%	0.003%
58	9.725	2694	2701	2704	rVB2	217	284	0.04%	0.005%
59	9.751	2704	2709	2715	rBV2	244	345	0.05%	0.006%
60	9.818	2722	2730	2733	rBV2	144	210	0.03%	0.004%
61	9.972	2774	2778	2782	rVB2	185	165	0.02%	0.003%
62	10.040	2793	2799	2801	rBV2	129	134	0.02%	0.002%
63	10.056	2801	2804	2810	rVB	259	259	0.04%	0.004%
64	10.095	2810	2816	2817	rBV2	158	141	0.02%	0.002%
65	10.153	2823	2834	2855	rBV	213569	334457	46.72%	5.714%
66	10.304	2878	2881	2886	rVB	195	154	0.02%	0.003%
67	10.336	2887	2891	2894	rVB2	180	135	0.02%	0.002%
68	10.561	2958	2961	2965	rBV	253	214	0.03%	0.004%
69	10.638	2979	2985	2988	rVB2	168	151	0.02%	0.003%
70	10.831	3039	3045	3047	rBV2	145	168	0.02%	0.003%
71	11.043	3108	3111	3117	rBV	257	253	0.04%	0.004%
72	11.185	3143	3155	3182	rBV	379626	584534	81.66%	9.986%
73	11.313	3192	3195	3201	rVB3	445	357	0.05%	0.006%
74	11.339	3201	3203	3208	rVB3	469	378	0.05%	0.006%
75	11.407	3220	3224	3226	rBV2	229	145	0.02%	0.002%
76	11.464	3239	3242	3247	rBV2	133	144	0.02%	0.002%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012624\
Data File : VV033885.D
Acq On : 26 Jan 2024 14:21
Operator : SY/MD
Sample : P1252-02 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMN0

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\SFAMVLM011024WMA.M
Title : VOC Analysis

77	11.561	3260	3272	3293	rBV	324884	508638	71.05%	8.689%
78	11.661	3301	3303	3308	rVB3	294	190	0.03%	0.003%
79	11.706	3315	3317	3323	rVB3	201	167	0.02%	0.003%
80	12.101	3434	3440	3443	rBV	194	192	0.03%	0.003%
81	12.374	3519	3525	3528	rBV2	255	246	0.03%	0.004%
82	12.455	3548	3550	3554	rVB2	283	186	0.03%	0.003%
83	12.480	3554	3558	3563	rBV2	187	197	0.03%	0.003%
84	12.506	3563	3566	3570	rVV2	193	162	0.02%	0.003%
85	12.535	3570	3575	3578	rVB2	158	147	0.02%	0.003%
86	13.056	3733	3737	3742	rBV2	157	141	0.02%	0.002%
87	13.310	3813	3816	3819	rBV2	257	178	0.02%	0.003%
88	13.329	3819	3822	3827	rVB	288	195	0.03%	0.003%
89	13.860	3983	3987	3989	rBV	218	217	0.03%	0.004%
90	13.934	4007	4010	4012	rVB	306	156	0.02%	0.003%
91	13.995	4023	4029	4035	rVB3	442	512	0.07%	0.009%
92	14.435	4163	4166	4170	rBV3	334	183	0.03%	0.003%
93	14.461	4172	4174	4177	rVB2	450	209	0.03%	0.004%
94	14.487	4177	4182	4184	rBV3	307	302	0.04%	0.005%
95	14.763	4265	4268	4269	rBV	261	136	0.02%	0.002%
96	15.152	4387	4389	4393	rVB2	535	379	0.05%	0.006%
97	15.255	4418	4421	4422	rBV	354	217	0.03%	0.004%
98	15.393	4462	4464	4467	rBV3	446	240	0.03%	0.004%
99	15.467	4484	4487	4489	rBV3	309	245	0.03%	0.004%
100	15.567	4516	4518	4521	rBV3	600	362	0.05%	0.006%

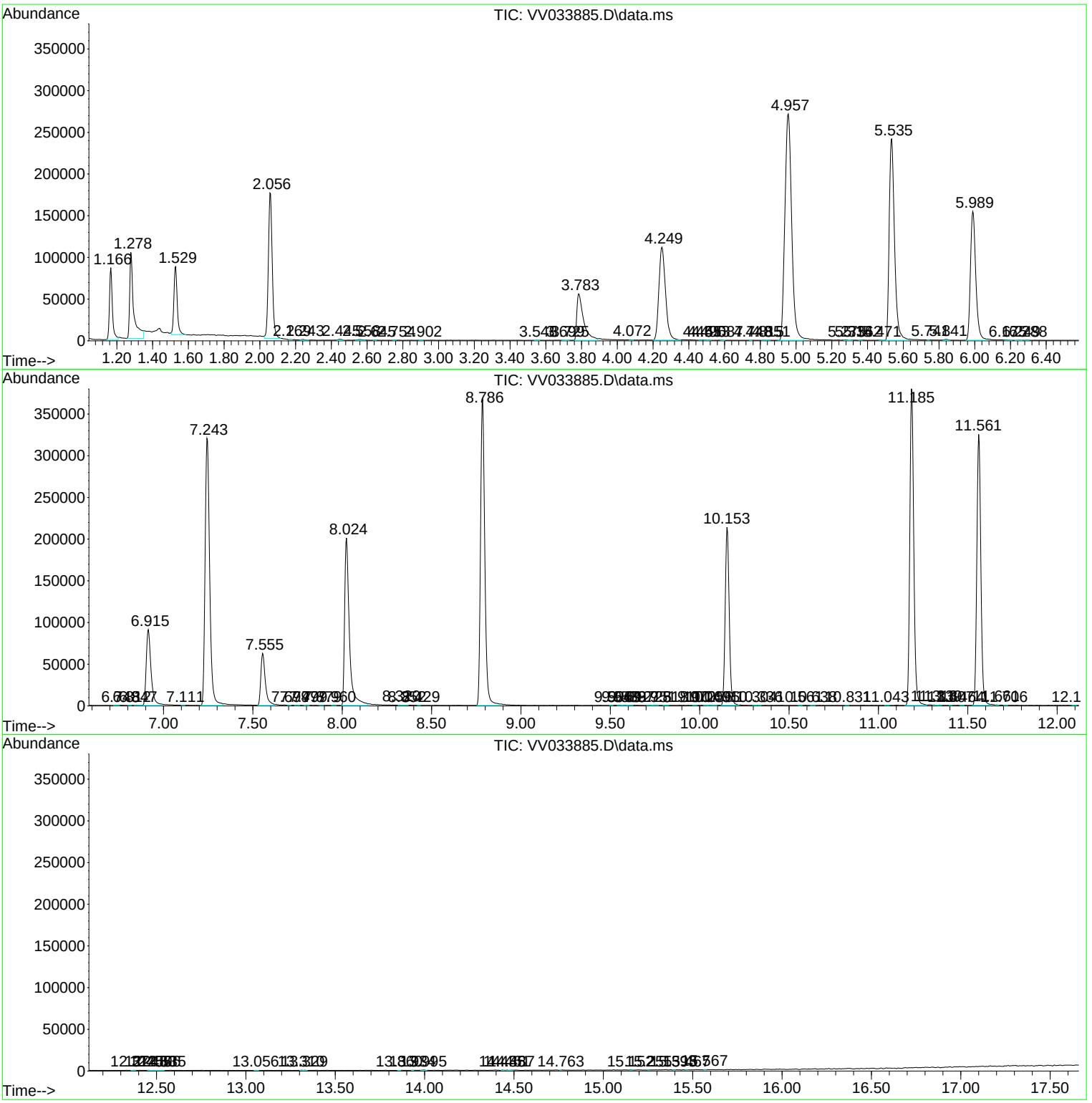
Sum of corrected areas: 5853766

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012624\
Data File : VV033885.D
Acq On : 26 Jan 2024 14:21
Operator : SY/MD
Sample : P1252-02 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMN0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012624\
Data File : VV033885.D
Acq On : 26 Jan 2024 14:21
Operator : SY/MD
Sample : P1252-02 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMN0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

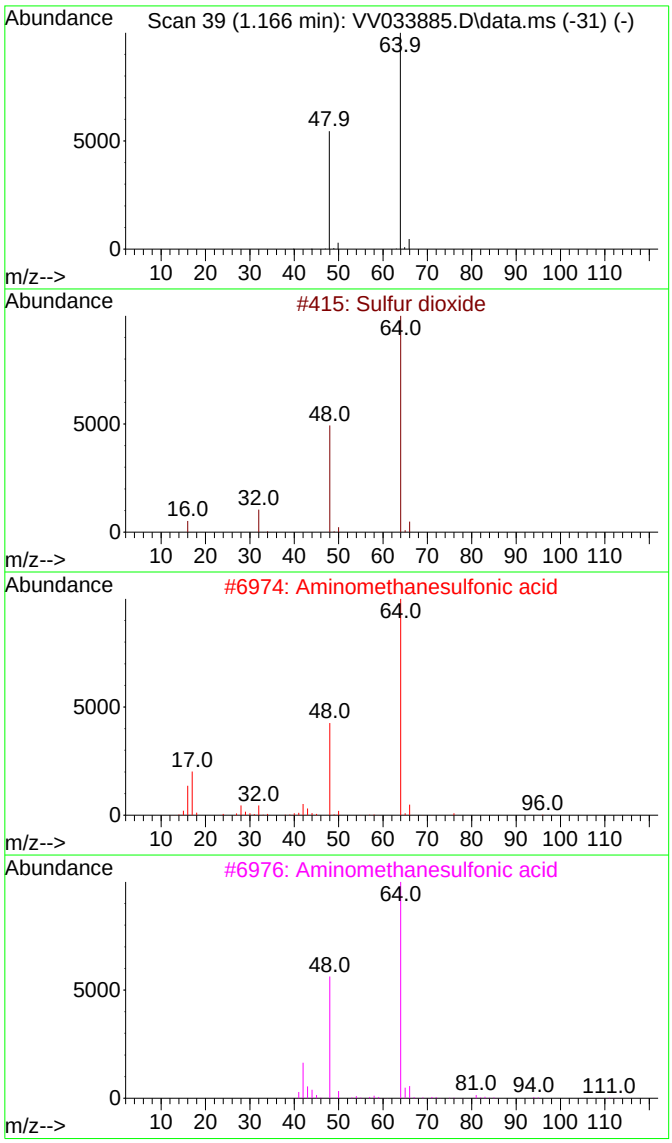
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

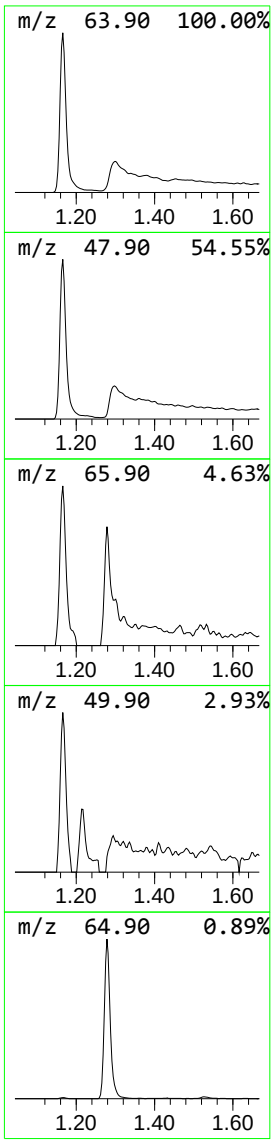
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.166	9.77 ug/L	97315	1,4-Difluorobenzene	5.535

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	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012624\
Data File : VV033885.D
Acq On : 26 Jan 2024 14:21
Operator : SY/MD
Sample : P1252-02 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMN0

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.166	9.8	ug/L	97315	1	5.535	498121	50.0