LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012324\
Data File : VV033822.D
Acq On : 23 Jan 2024 12:01
Operator : SY/MD
Sample : P1190-14DL 400X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMT1DL

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: VV033822.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.169	32	40	51	rBV	38896	46035	5.70%	0.668%
2	1.285	69	76	86	rBV	104682	112393	13.91%	1.630%
3	1.532	146	153	167	rVB	92512	110875	13.73%	1.608%
4	2.063	308	318	340	rVB	194103	290755	35.99%	4.217%
5	2.182	353	355	357	rBV3	303	186	0.02%	0.003%
6	2.252	366	377	386	rBV3	487	932	0.12%	0.014%
7	2.452	435	439	445	rBV3	672	683	0.08%	0.010%
8	2.490	448	451	456	rVB2	143	117	0.01%	0.002%
9	2.555	465	471	476	rBV4	567	813	0.10%	0.012%
10	2.703	511	517	525	rBV3	1912	2877	0.36%	0.042%
11	3.127	647	649	651	rBV	197	127	0.02%	0.002%
12	3.191	664	669	672	rBV	150	185	0.02%	0.003%
13	3.400	729	734	739	rBV2	216	256	0.03%	0.004%
14	3.600	791	796	799	rBV2	162	155	0.02%	0.002%
15	3.731	827	837	841	rBV2	240	483	0.06%	0.007%
16	3.815	845	863	898	rBV2	144359	466459	57.75%	6.765%
17	4.252	983	999	1027	rBV	123378	318063	39.38%	4.613%
18	4.445	1057	1059	1062	rBV2	242	135	0.02%	0.002%
19	4.500	1074	1076	1078	rVV	334	243	0.03%	0.004%
20	4.526	1081	1084	1087	rVB3	240	148	0.02%	0.002%
21	4.545	1087	1090	1094	rBV2	175	190	0.02%	0.003%
22	4.593	1102	1105	1110	rVB2	336	274	0.03%	0.004%
23	4.616	1110	1112	1116	rBV2	256	174	0.02%	0.003%
24	4.841	1179	1182	1185	rVB	236	173	0.02%	0.003%
25	4.879	1188	1194	1200	rBV	135	186	0.02%	0.003%
26	4.956	1201	1218	1250	rBV2	304406	807776	100.00%	11.715%
27	5.210	1292	1297	1298	rBV2	329	285	0.04%	0.004%
28	5.439	1365	1368	1374	rBV3	200	214	0.03%	0.003%
29	5.535	1386	1398	1428	rBV	272295	557623	69.03%	8.087%
30	5.757	1463	1467	1471	rVB2	357	280	0.03%	0.004%
31	5.786	1474	1476	1480	rVV2	302	177	0.02%	0.003%
32	5.837	1481	1492	1519	rVB3	46862	99664	12.34%	1.445%
33	5.989	1526	1539	1566	rBV	176708	363235	44.97%	5.268%
34	6.175	1592	1597	1599	rBV4	457	316	0.04%	0.005%
35	6.259	1619	1623	1625	rBV2	184	128	0.02%	0.002%
36	6.320	1639	1642	1644	rBV2	162	113	0.01%	0.002%

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

37	6.464	1684	1687	1692	rVB2	205	192	0.02%	0.003%
38	6.487	1692	1694	1698	rBV2	136	116	0.01%	0.002%
39	6.551	1710	1714	1719	rVV2	138	163	0.02%	0.002%
40	6.654	1744	1746	1749	rVV	185	111	0.01%	0.002%
41	6.915	1817	1827	1858	rBV	100628	191025	23.65%	2.770%
42	7.024	1858	1861	1868	rVB3	570	642	0.08%	0.009%
43	7.075	1873	1877	1880	rBV3	267	231	0.03%	0.003%
44	7.243	1917	1929	1964	rBV	374113	659844	81.69%	9.569%
45	7.554	2016	2026	2056	rBV	68097	122167	15.12%	1.772%
46	7.670	2060	2062	2069	rVB3	387	366	0.05%	0.005%
47	7.763	2087	2091	2094	rBV2	157	140	0.02%	0.002%
48	7.786	2096	2098	2103	rVB2	146	105	0.01%	0.002%
49	7.815	2103	2107	2113	rVB	256	314	0.04%	0.005%
50	7.866	2113	2123	2124	rBV	223	330	0.04%	0.005%
51	7.908	2126	2136	2149	rVV2	30524	51502	6.38%	0.747%
52	8.024	2163	2172	2218	rBV	186128	361212	44.72%	5.238%
53	8.178	2218	2220	2225	rVB3	671	459	0.06%	0.007%
54	8.268	2242	2248	2251	rBV3	309	362	0.04%	0.005%
55	8.365	2274	2278	2282	rVB4	419	481	0.06%	0.007%
56	8.406	2288	2291	2294	rVB	307	217	0.03%	0.003%
57	8.477	2309	2313	2315	rBV	179	145	0.02%	0.002%
58	8.628	2356	2360	2367	rVB2	205	212	0.03%	0.003%
59	8.712	2384	2386	2390	rVB2	263	201	0.02%	0.003%
60	8.741	2390	2395	2398	rBV2	223	252	0.03%	0.004%
61	8.783	2398	2408	2443	rBV	410839	677724	83.90%	9.829%
62	9.027	2480	2484	2485	rBV	175	112	0.01%	0.002%
63	9.284	2559	2564	2567	rBV2	109	130	0.02%	0.002%
64	9.381	2589	2594	2598	rBV2	107	112	0.01%	0.002%
65	9.677	2683	2686	2690	rBV2	151	132	0.02%	0.002%
66	9.821	2727	2731	2734	rBV2	138	122	0.02%	0.002%
67	10.152	2822	2834	2857	rBV	225832	357976	44.32%	5.192%
68	10.326	2883	2888	2895	rBV3	295	400	0.05%	0.006%
69	10.439	2920	2923	2927	rVB2	194	133	0.02%	0.002%
70	10.519	2942	2948	2951	rBV2	149	168	0.02%	0.002%
71	10.538	2951	2954	2962	rVB	155	169	0.02%	0.002%
72	10.619	2976	2979	2982	rVV2	191	130	0.02%	0.002%
73	10.654	2987	2990	2995	rVV2	144	159	0.02%	0.002%
74	10.821	3039	3042	3045	rBV	168	121	0.01%	0.002%
75	10.943	3077	3080	3083	rBV2	160	115	0.01%	0.002%
76	10.992	3090	3095	3097	rBV2	132	130	0.02%	0.002%

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Title : VOC Analysis

77	11.185	3144	3155	3182	rBV	436282	675055	83.57%	9.790%
78	11.384	3213	3217	3219	rBV3	316	211	0.03%	0.003%
79	11.561	3259	3272	3304	rBV	384327	604577	74.84%	8.768%
80	11.712	3316	3319	3322	rVB2	199	144	0.02%	0.002%
81	11.734	3322	3326	3328	rBV2	225	186	0.02%	0.003%
82	11.776	3336	3339	3343	rVB	301	196	0.02%	0.003%
83	11.802	3343	3347	3350	rBV2	138	134	0.02%	0.002%
84	12.020	3412	3415	3420	rBV2	151	166	0.02%	0.002%
85	12.165	3457	3460	3464	rBV2	179	171	0.02%	0.002%
86	12.590	3589	3592	3595	rBV	162	119	0.01%	0.002%
87	12.815	3659	3662	3665	rBV	174	119	0.01%	0.002%
88	13.323	3815	3820	3823	rBV	292	238	0.03%	0.003%
89	13.709	3937	3940	3942	rBV2	224	131	0.02%	0.002%
90	13.824	3973	3976	3981	rVB2	254	181	0.02%	0.003%
91	13.966	4018	4020	4021	rBV2	287	110	0.01%	0.002%
92	14.130	4067	4071	4073	rBV	207	172	0.02%	0.002%
93	14.258	4109	4111	4114	rVB2	274	111	0.01%	0.002%
94	14.499	4182	4186	4188	rBV2	250	195	0.02%	0.003%
95	14.593	4211	4215	4218	rBV3	308	260	0.03%	0.004%
96	14.718	4251	4254	4258	rBV2	272	230	0.03%	0.003%
97	14.840	4290	4292	4296	rVB3	317	197	0.02%	0.003%
98	15.352	4449	4451	4453	rVB3	355	105	0.01%	0.002%
99	15.448	4479	4481	4488	rBV4	457	382	0.05%	0.006%
100	15.972	4641	4644	4648	rBV4	764	633	0.08%	0.009%

Sum of corrected areas: 6895373

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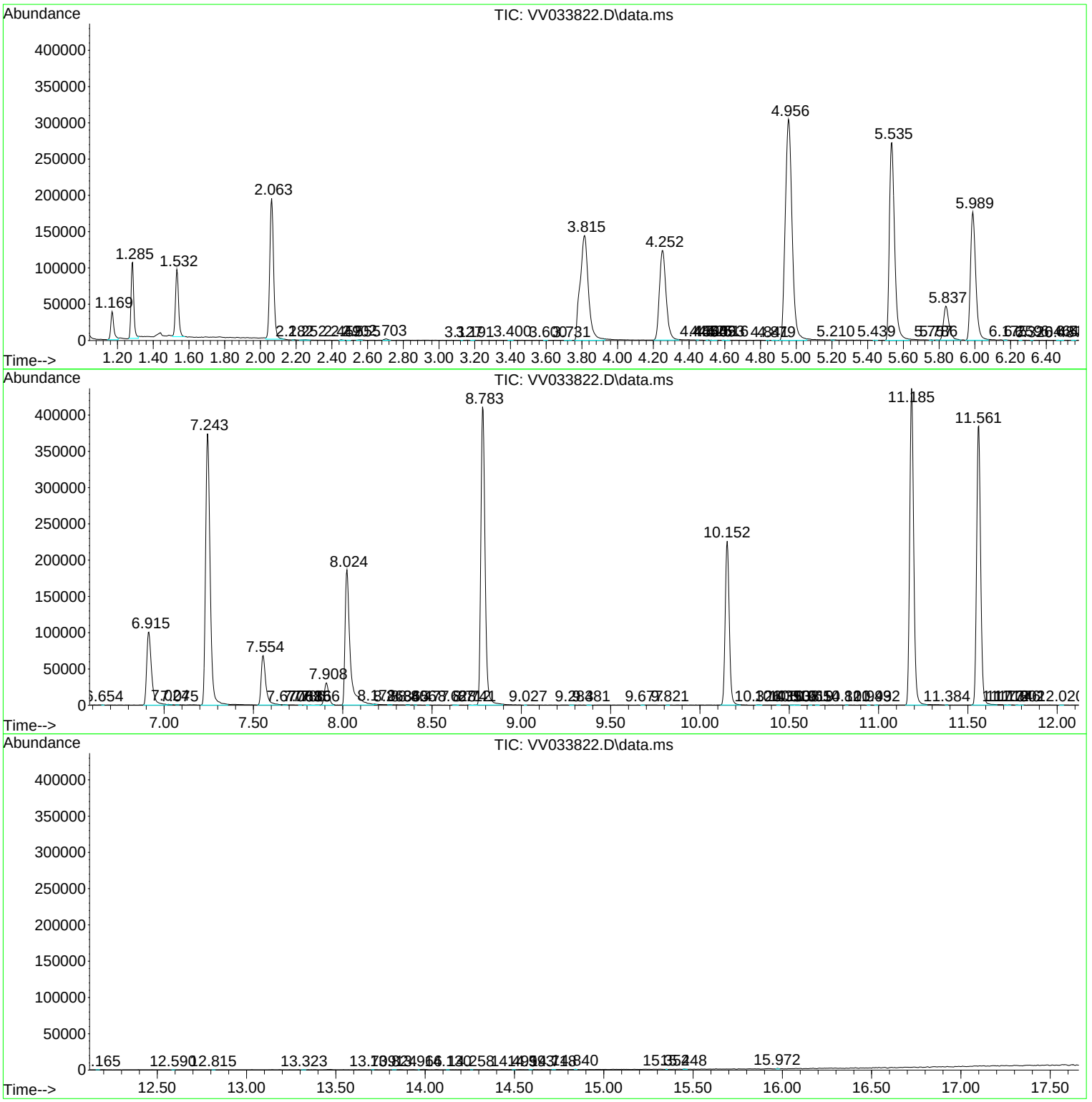
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

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



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Quant Title : VOC Analysis

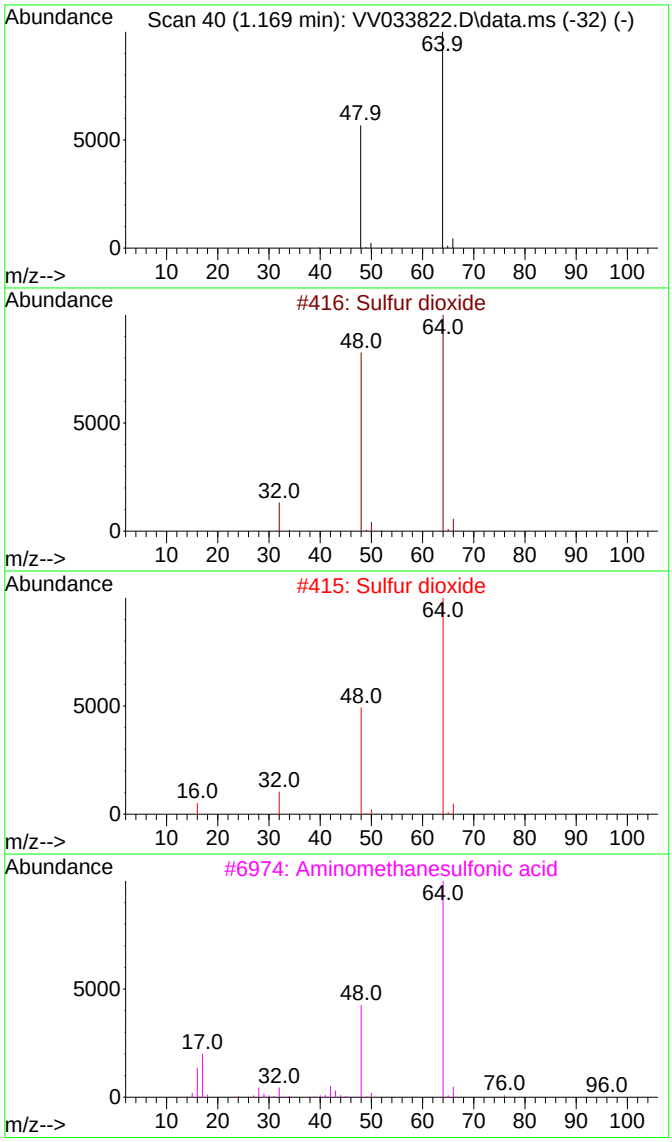
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

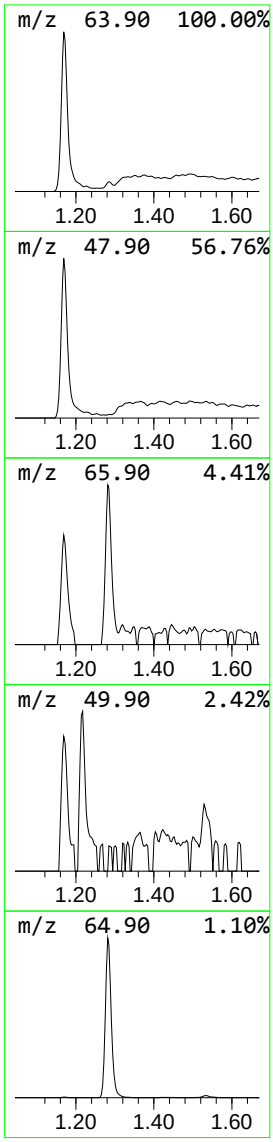
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.169	4.13 ug/L	46035	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Sulfur dioxide	64	O2S	007446-09-5	83
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
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\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.169	4.1	ug/L	46035	1	5.535	557623	50.0