LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012224\
Data File : VV033795.D
Acq On : 22 Jan 2024 12:13
Operator : SY/MD
Sample : P1189-03DL 50X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMM5DL

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: VV033795.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	31	40	51	rBV	47107	56309	6.46%	0.783%
2	1.281	68	75	92	rBV2	155267	183593	21.07%	2.553%
3	1.532	146	153	173	rVB	103276	126838	14.56%	1.764%
4	2.059	308	317	340	rVB	212238	317692	36.46%	4.418%
5	2.182	352	355	357	rBV3	563	426	0.05%	0.006%
6	2.249	368	376	381	rBV3	810	1351	0.16%	0.019%
7	2.352	406	408	409	rBV	222	89	0.01%	0.001%
8	2.452	433	439	446	rVV3	938	1286	0.15%	0.018%
9	2.564	464	474	481	rBV5	1022	1641	0.19%	0.023%
10	2.648	495	500	504	rBV	112	129	0.01%	0.002%
11	2.706	510	518	529	rVB3	1536	2586	0.30%	0.036%
12	2.860	563	566	568	rBV2	140	104	0.01%	0.001%
13	2.992	604	607	609	rBV	138	94	0.01%	0.001%
14	3.452	745	750	752	rBV	176	157	0.02%	0.002%
15	3.670	815	818	820	rBV	176	118	0.01%	0.002%
16	3.812	845	862	889	rBV4	150933	485892	55.77%	6.757%
17	4.104	951	953	959	rBV3	135	110	0.01%	0.002%
18	4.137	960	963	967	rBV2	228	156	0.02%	0.002%
19	4.249	981	998	1037	rBV	132816	342938	39.36%	4.769%
20	4.477	1066	1069	1073	rVB4	512	393	0.05%	0.005%
21	4.510	1077	1079	1082	rVV3	136	96	0.01%	0.001%
22	4.561	1090	1095	1099	rBV4	172	245	0.03%	0.003%
23	4.590	1100	1104	1107	rVB3	387	317	0.04%	0.004%
24	4.609	1107	1110	1112	rBV	191	110	0.01%	0.002%
25	4.715	1141	1143	1147	rVB	261	98	0.01%	0.001%
26	4.886	1194	1196	1198	rBV2	134	91	0.01%	0.001%
27	4.956	1202	1218	1251	rBV2	325829	871297	100.00%	12.117%
28	5.272	1310	1316	1318	rBV3	428	467	0.05%	0.006%
29	5.307	1325	1327	1331	rVB2	275	159	0.02%	0.002%
30	5.362	1341	1344	1348	rBV2	323	216	0.02%	0.003%
31	5.410	1357	1359	1367	rBV2	249	289	0.03%	0.004%
32	5.532	1386	1397	1423	rBV	277908	568513	65.25%	7.906%
33	5.837	1484	1492	1507	rVB9	2854	6326	0.73%	0.088%
34	5.908	1511	1514	1516	rBV	184	146	0.02%	0.002%
35	5.989	1527	1539	1576	rBV	187330	392720	45.07%	5.462%
36	6.201	1603	1605	1607	rBV2	178	120	0.01%	0.002%

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMM5DL

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	6.281	1626	1630	1633	rBV2	171	142	0.02%	0.002%
38	6.355	1651	1653	1658	rVB2	189	173	0.02%	0.002%
39	6.381	1658	1661	1665	rBV2	195	198	0.02%	0.003%
40	6.509	1698	1701	1704	rBV2	143	94	0.01%	0.001%
41	6.545	1709	1712	1715	rBV2	148	107	0.01%	0.001%
42	6.590	1724	1726	1730	rVV3	154	127	0.01%	0.002%
43	6.609	1730	1732	1736	rVB2	208	155	0.02%	0.002%
44	6.661	1745	1748	1751	rBV2	242	227	0.03%	0.003%
45	6.825	1794	1799	1802	rBV2	104	97	0.01%	0.001%
46	6.847	1803	1806	1808	rBV	133	93	0.01%	0.001%
47	6.911	1815	1826	1854	rBV	107098	202065	23.19%	2.810%
48	7.136	1893	1896	1899	rBV2	354	262	0.03%	0.004%
49	7.204	1914	1917	1918	rBV2	196	131	0.02%	0.002%
50	7.243	1918	1929	1960	rBV	401405	711696	81.68%	9.898%
51	7.516	2011	2014	2017	rBV2	178	99	0.01%	0.001%
52	7.554	2017	2026	2049	rBV	71283	130615	14.99%	1.816%
53	7.767	2088	2092	2096	rVB3	287	241	0.03%	0.003%
54	7.789	2096	2099	2100	rBV	163	95	0.01%	0.001%
55	7.918	2137	2139	2141	rBV	169	97	0.01%	0.001%
56	8.024	2163	2172	2215	rBV	193451	376946	43.26%	5.242%
57	8.214	2228	2231	2239	rVB4	608	649	0.07%	0.009%
58	8.339	2268	2270	2274	rVB3	346	244	0.03%	0.003%
59	8.445	2300	2303	2305	rBV2	152	103	0.01%	0.001%
60	8.497	2315	2319	2321	rBV2	184	138	0.02%	0.002%
61	8.529	2327	2329	2336	rVB3	353	393	0.05%	0.005%
62	8.574	2336	2343	2346	rBV2	258	358	0.04%	0.005%
63	8.783	2398	2408	2434	rBV	417843	688850	79.06%	9.580%
64	8.988	2468	2472	2475	rBV2	200	194	0.02%	0.003%
65	9.435	2608	2611	2617	rVB	162	130	0.01%	0.002%
66	9.506	2630	2633	2637	rBV	139	102	0.01%	0.001%
67	9.590	2655	2659	2662	rBV	134	120	0.01%	0.002%
68	9.625	2667	2670	2676	rVB	143	128	0.01%	0.002%
69	9.657	2677	2680	2683	rBV	128	103	0.01%	0.001%
70	10.152	2823	2834	2855	rBV	239042	375715	43.12%	5.225%
71	10.387	2904	2907	2910	rBV2	146	100	0.01%	0.001%
72	10.468	2929	2932	2937	rBV	183	183	0.02%	0.003%
73	10.824	3037	3043	3046	rBV2	158	206	0.02%	0.003%
74	11.185	3143	3155	3176	rBV	441775	684011	78.50%	9.513%
75	11.381	3213	3216	3218	rVB2	153	89	0.01%	0.001%
76	11.410	3222	3225	3227	rBV2	185	91	0.01%	0.001%

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Misc : 5.0mL/MSVOA_V/WATER
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Instrument :
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ClientSampleId :
DCMM5DL

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	11.435	3231	3233	3240	rVB2	126	116	0.01%	0.002%
78	11.561	3260	3272	3299	rBV	411227	646895	74.25%	8.996%
79	11.853	3360	3363	3370	rVB2	112	151	0.02%	0.002%
80	12.194	3467	3469	3472	rVB	206	133	0.02%	0.002%
81	12.509	3564	3567	3570	rBV2	144	118	0.01%	0.002%
82	12.766	3645	3647	3653	rVB2	237	116	0.01%	0.002%
83	13.162	3766	3770	3776	rBV2	196	285	0.03%	0.004%
84	13.451	3858	3860	3861	rBV	400	171	0.02%	0.002%
85	13.702	3935	3938	3942	rVB2	244	157	0.02%	0.002%
86	13.905	3998	4001	4005	rVB	228	150	0.02%	0.002%
87	13.943	4010	4013	4017	rBV2	218	164	0.02%	0.002%
88	13.995	4027	4029	4032	rVB2	377	170	0.02%	0.002%
89	14.037	4038	4042	4045	rBV3	220	200	0.02%	0.003%
90	14.120	4065	4068	4071	rBV2	244	238	0.03%	0.003%
91	14.213	4095	4097	4100	rVB2	217	135	0.02%	0.002%
92	14.291	4114	4121	4124	rBV3	305	394	0.05%	0.005%
93	14.345	4135	4138	4141	rBV	315	274	0.03%	0.004%
94	14.625	4223	4225	4229	rBV2	191	120	0.01%	0.002%
95	14.773	4269	4271	4277	rBV3	223	189	0.02%	0.003%
96	14.805	4277	4281	4287	rVV4	350	407	0.05%	0.006%
97	14.908	4310	4313	4317	rBV2	366	259	0.03%	0.004%
98	15.030	4348	4351	4353	rBV2	267	198	0.02%	0.003%
99	15.172	4392	4395	4400	rVB5	324	238	0.03%	0.003%
100	15.779	4582	4584	4589	rVB3	846	653	0.07%	0.009%

Sum of corrected areas: 7190610

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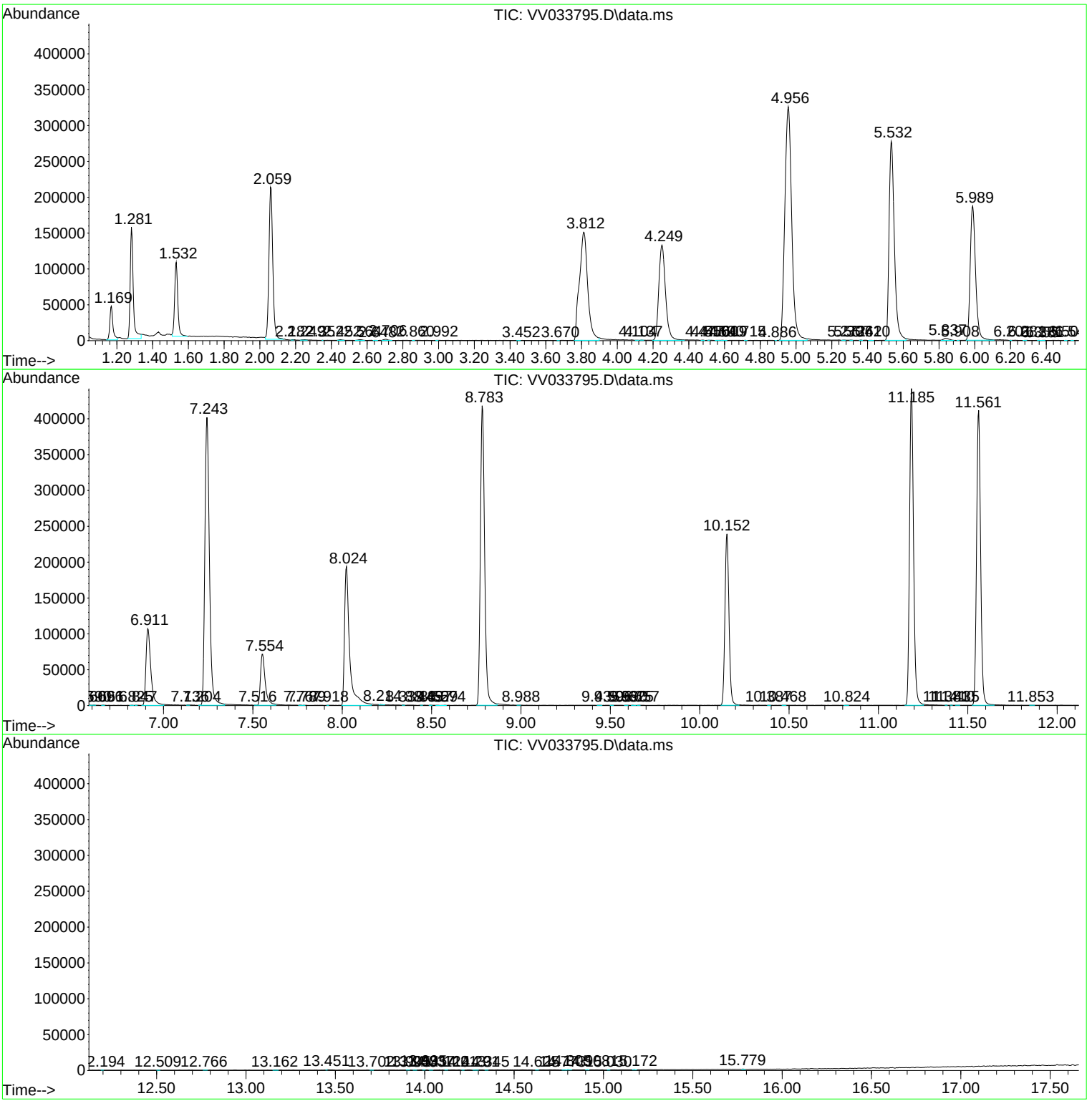
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

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



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ClientSampleId :
DCMM5DL

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

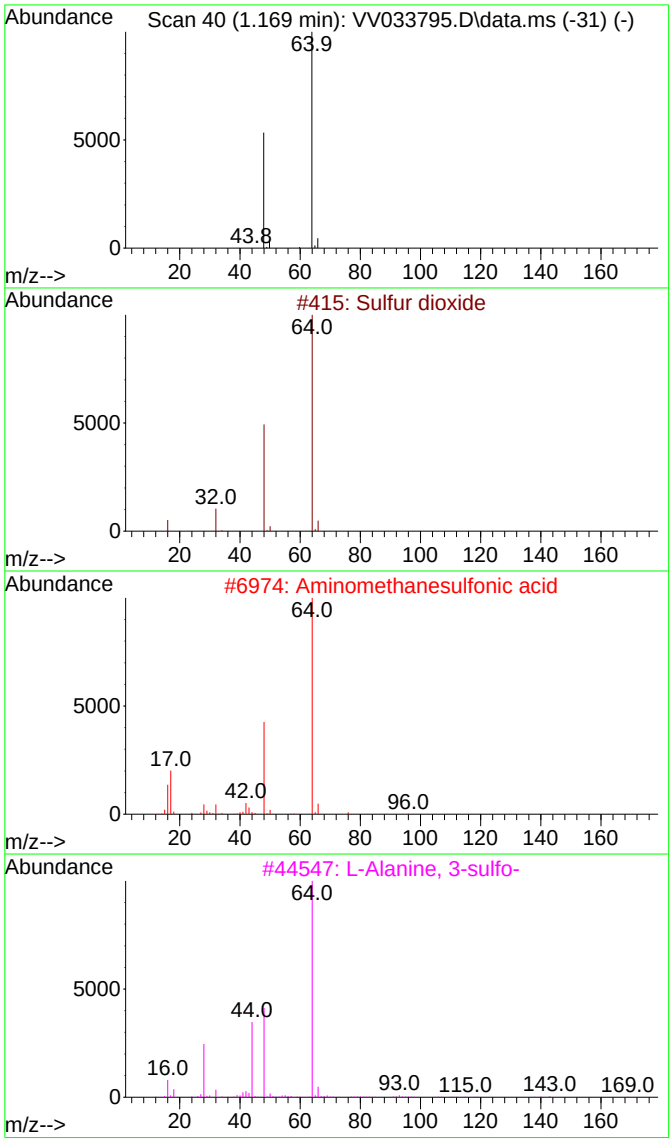
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

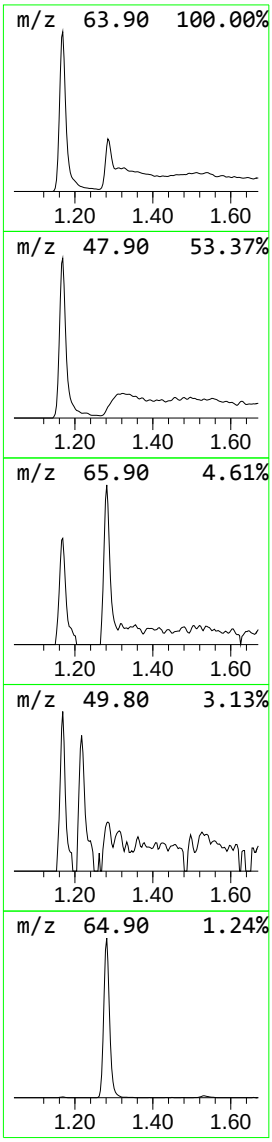
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.169	4.95 ug/L	56309	1,4-Difluorobenzene	5.532

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012224\
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DCMM5DL

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	1.169	5.0	ug/L	56309	1	5.532	568513	50.0