LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012424\
Data File : VV033853.D
Acq On : 24 Jan 2024 17:08
Operator : SY/MD
Sample : P1191-08DL 200X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMS7DL

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: VV033853.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	32	39	51	rBV	40624	48030	6.02%	0.650%
2	1.281	68	75	91	rBV	130279	153033	19.18%	2.072%
3	1.529	145	152	169	rVB	97583	120466	15.10%	1.631%
4	2.059	307	317	339	rVB	210255	311332	39.01%	4.215%
5	2.182	348	355	360	rBV4	674	1076	0.13%	0.015%
6	2.249	368	376	383	rBV	594	1042	0.13%	0.014%
7	2.400	421	423	430	rBV3	238	229	0.03%	0.003%
8	2.449	430	438	447	rBV4	3190	5038	0.63%	0.068%
9	2.523	457	461	465	rBV2	183	203	0.03%	0.003%
10	2.558	466	472	481	rVB3	696	1262	0.16%	0.017%
11	2.616	487	490	496	rBV	192	216	0.03%	0.003%
12	2.699	507	516	530	rBV2	9001	15469	1.94%	0.209%
13	2.867	565	568	574	rVB2	237	216	0.03%	0.003%
14	3.162	657	660	662	rBV	202	157	0.02%	0.002%
15	3.648	808	811	814	rBV2	180	165	0.02%	0.002%
16	3.719	830	833	835	rBV2	223	166	0.02%	0.002%
17	3.812	845	862	903	rBV2	197841	584248	73.21%	7.909%
18	4.011	922	924	929	rVB3	390	247	0.03%	0.003%
19	4.117	954	957	960	rVV2	230	126	0.02%	0.002%
20	4.191	977	980	982	rBV2	237	143	0.02%	0.002%
21	4.246	982	997	1027	rBV	122314	312268	39.13%	4.227%
22	4.365	1032	1034	1038	rVV3	376	225	0.03%	0.003%
23	4.474	1066	1068	1071	rBV3	187	130	0.02%	0.002%
24	4.609	1107	1110	1113	rBV	410	240	0.03%	0.003%
25	4.635	1113	1118	1120	rBV2	233	214	0.03%	0.003%
26	4.744	1149	1152	1156	rBV2	180	169	0.02%	0.002%
27	4.770	1156	1160	1163	rVV2	128	127	0.02%	0.002%
28	4.793	1165	1167	1173	rVB3	239	197	0.02%	0.003%
29	4.825	1173	1177	1181	rBV2	290	330	0.04%	0.004%
30	4.883	1192	1195	1198	rBV	182	159	0.02%	0.002%
31	4.957	1202	1218	1252	rBV2	299715	798047	100.00%	10.803%
32	5.326	1331	1333	1339	rVB2	190	189	0.02%	0.003%
33	5.358	1339	1343	1347	rBV2	258	272	0.03%	0.004%
34	5.378	1347	1349	1352	rVB2	248	130	0.02%	0.002%
35	5.397	1352	1355	1359	rBV2	297	278	0.03%	0.004%
36	5.439	1365	1368	1370	rBV	245	136	0.02%	0.002%

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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMS7DL

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	5.452	1370	1372	1376	rBV3	236	174	0.02%	0.002%
38	5.532	1386	1397	1428	rBV	256638	524418	65.71%	7.099%
39	5.834	1478	1491	1525	rBV	166812	341703	42.82%	4.626%
40	5.985	1526	1538	1568	rVV	170691	350953	43.98%	4.751%
41	6.143	1584	1587	1589	rBV3	476	327	0.04%	0.004%
42	6.198	1601	1604	1609	rVB2	335	221	0.03%	0.003%
43	6.233	1611	1615	1618	rVB3	350	305	0.04%	0.004%
44	6.252	1618	1621	1623	rBV	280	161	0.02%	0.002%
45	6.297	1632	1635	1637	rVB	235	148	0.02%	0.002%
46	6.323	1637	1643	1646	rBV2	173	198	0.02%	0.003%
47	6.374	1652	1659	1662	rBV2	224	345	0.04%	0.005%
48	6.535	1705	1709	1711	rBV	137	132	0.02%	0.002%
49	6.696	1756	1759	1763	rBV2	162	156	0.02%	0.002%
50	6.783	1781	1786	1790	rBV2	150	151	0.02%	0.002%
51	6.818	1794	1797	1802	rVB2	242	245	0.03%	0.003%
52	6.844	1802	1805	1809	rBV2	145	153	0.02%	0.002%
53	6.911	1814	1826	1853	rBV	101348	190694	23.90%	2.581%
54	7.075	1874	1877	1878	rBV2	222	139	0.02%	0.002%
55	7.165	1901	1905	1910	rVB4	365	344	0.04%	0.005%
56	7.188	1910	1912	1915	rBV2	177	147	0.02%	0.002%
57	7.243	1918	1929	1957	rBV	369103	648726	81.29%	8.782%
58	7.551	2016	2025	2050	rBV	67937	122702	15.38%	1.661%
59	7.735	2079	2082	2089	rVB3	290	342	0.04%	0.005%
60	7.857	2117	2120	2124	rBV	258	281	0.04%	0.004%
61	7.905	2124	2135	2160	rBV	193513	325357	40.77%	4.404%
62	8.024	2163	2172	2212	rBV	166631	325513	40.79%	4.407%
63	8.426	2293	2297	2301	rBV2	132	159	0.02%	0.002%
64	8.497	2316	2319	2323	rVB2	249	164	0.02%	0.002%
65	8.783	2398	2408	2442	rBV	390036	638058	79.95%	8.638%
66	9.001	2473	2476	2483	rBV3	222	212	0.03%	0.003%
67	9.091	2500	2504	2507	rBV2	174	127	0.02%	0.002%
68	9.371	2586	2591	2596	rBV2	111	154	0.02%	0.002%
69	9.538	2638	2643	2644	rBV2	192	175	0.02%	0.002%
70	9.641	2671	2675	2679	rBV	142	163	0.02%	0.002%
71	9.828	2729	2733	2737	rBV2	151	148	0.02%	0.002%
72	9.886	2747	2751	2756	rBV	269	321	0.04%	0.004%
73	9.937	2763	2767	2769	rBV2	288	232	0.03%	0.003%
74	10.152	2822	2834	2857	rBV	214778	338576	42.43%	4.583%
75	10.278	2869	2873	2876	rBV	218	174	0.02%	0.002%
76	11.185	3144	3155	3181	rBV	403790	630700	79.03%	8.538%

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ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMS7DL

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	11.329	3199	3200	3205	rVB4	379	177	0.02%	0.002%
78	11.471	3237	3244	3248	rBV2	257	316	0.04%	0.004%
79	11.561	3259	3272	3299	rBV	364649	582287	72.96%	7.883%
80	12.786	3650	3653	3659	rVB	195	165	0.02%	0.002%
81	12.921	3692	3695	3701	rVB2	271	228	0.03%	0.003%
82	13.345	3824	3827	3832	rBV2	135	138	0.02%	0.002%
83	13.461	3860	3863	3865	rBV	297	182	0.02%	0.002%
84	13.496	3869	3874	3879	rBV	176	203	0.03%	0.003%
85	13.551	3888	3891	3894	rBV	273	179	0.02%	0.002%
86	13.619	3909	3912	3913	rBV	204	127	0.02%	0.002%
87	13.747	3949	3952	3954	rBV2	211	136	0.02%	0.002%
88	13.937	4006	4011	4013	rBV	225	187	0.02%	0.003%
89	13.953	4013	4016	4021	rVB2	243	246	0.03%	0.003%
90	14.078	4052	4055	4058	rVB2	257	194	0.02%	0.003%
91	14.152	4075	4078	4081	rBV2	164	135	0.02%	0.002%
92	14.197	4089	4092	4093	rBV2	280	169	0.02%	0.002%
93	14.226	4097	4101	4102	rBV2	230	145	0.02%	0.002%
94	14.326	4129	4132	4134	rBV2	202	173	0.02%	0.002%
95	14.512	4182	4190	4195	rBV3	269	497	0.06%	0.007%
96	14.754	4261	4265	4267	rBV2	287	221	0.03%	0.003%
97	15.091	4367	4370	4372	rBV2	358	211	0.03%	0.003%
98	15.265	4418	4424	4427	rBV4	496	582	0.07%	0.008%
99	15.525	4502	4505	4510	rBV4	373	441	0.06%	0.006%
100	15.663	4544	4548	4549	rBV2	372	276	0.03%	0.004%

Sum of corrected areas: 7386988

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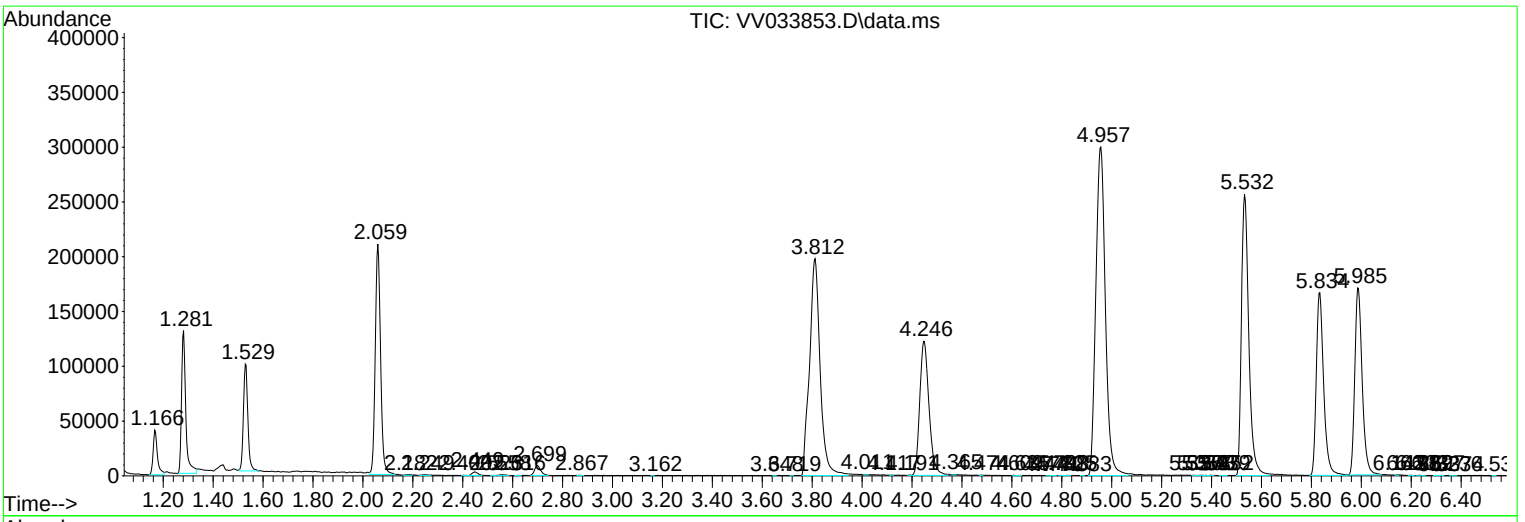
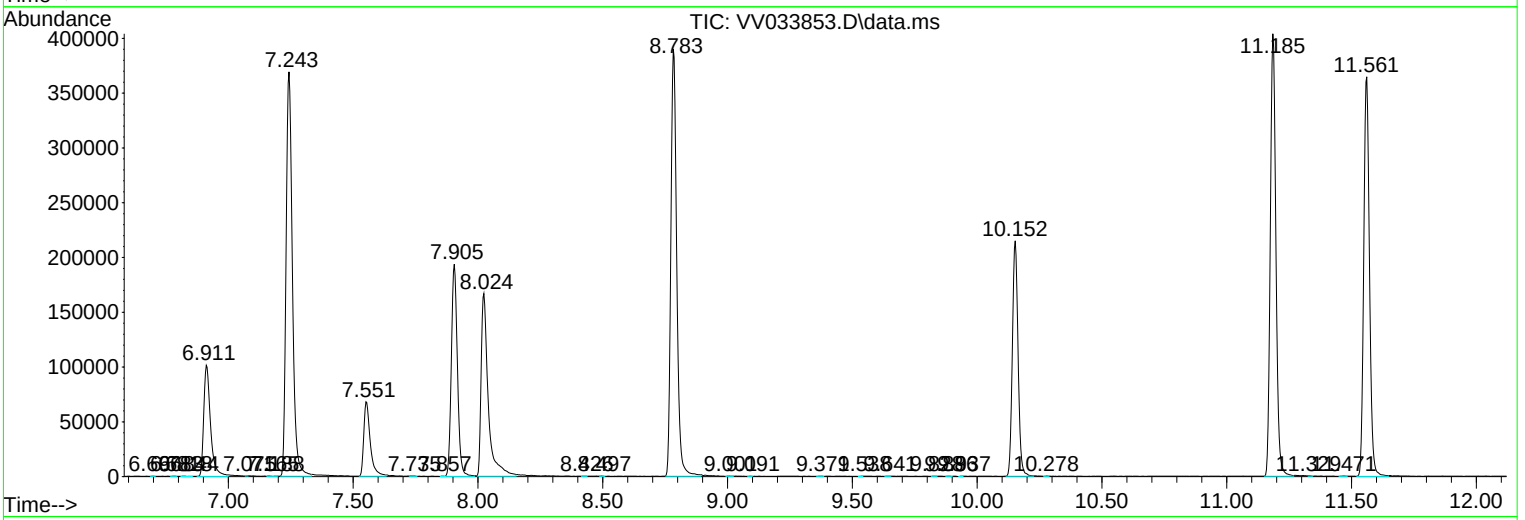
ALS Vial : 16 Sample Multiplier: 1

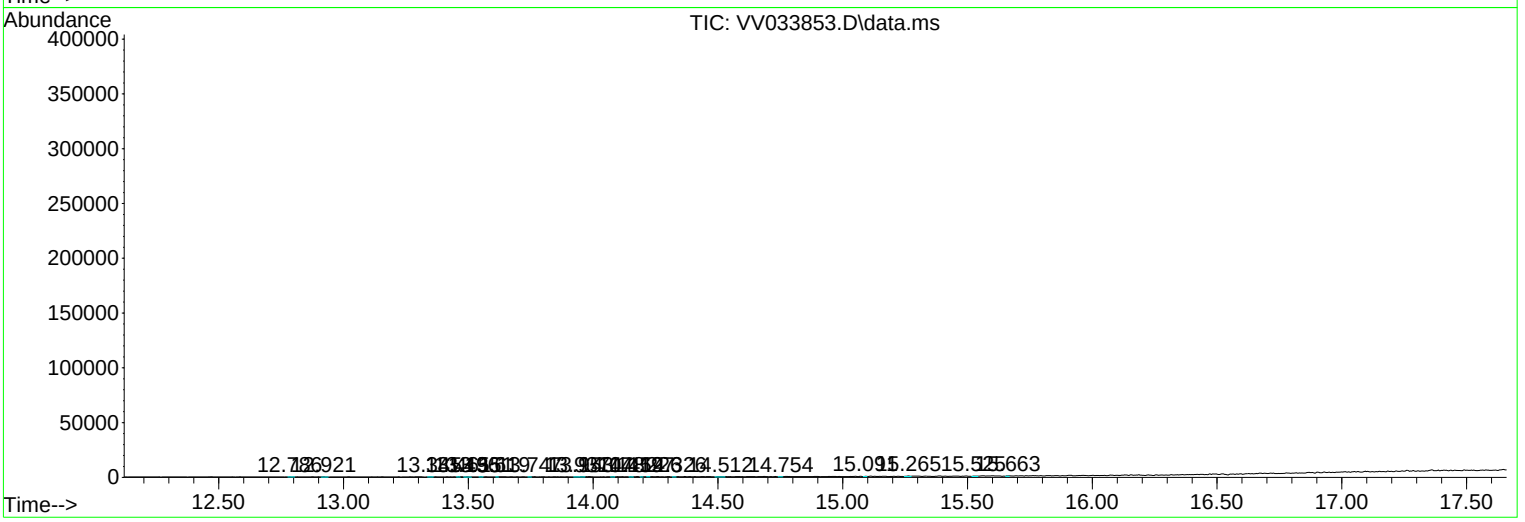
Instrument :
MSVOA_V
ClientSampleId :
DCMS7DL

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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Instrument :
MSVOA_V
ClientSampleId :
DCMS7DL

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

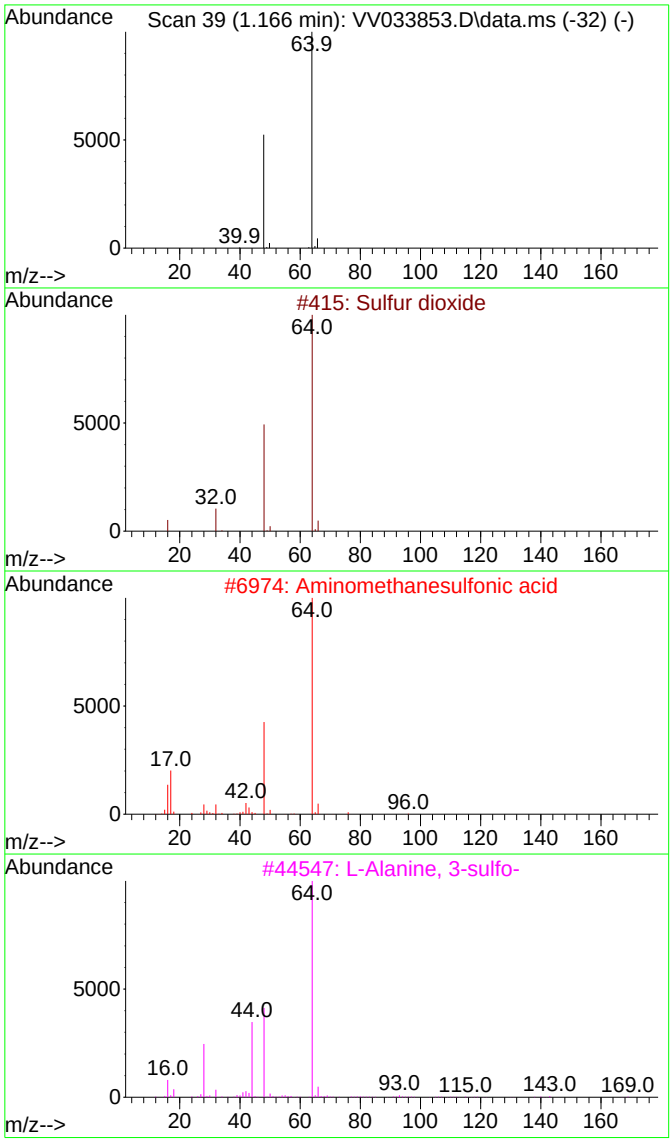
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

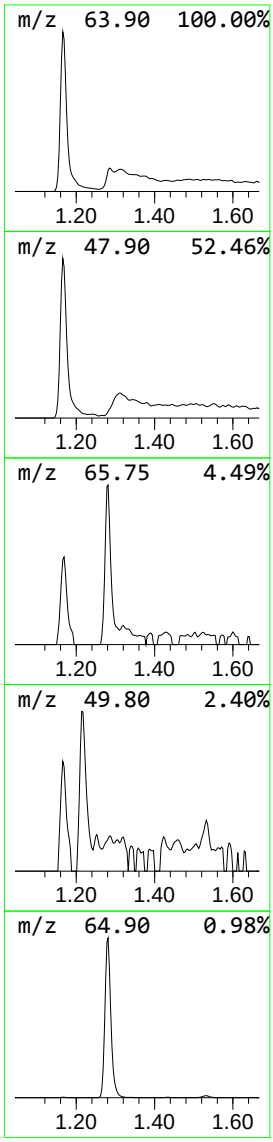
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.166	4.58 ug/L	48030	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

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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	1.166	4.6	ug/L	48030	1	5.532	524418	50.0