LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012424\
Data File : VV033850.D
Acq On : 24 Jan 2024 14:00
Operator : SY/MD
Sample : P1191-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMQ1

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: VV033850.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	29719	35822	4.57%	0.587%
2	1.281	68	75	89	rBV	124274	133079	16.98%	2.181%
3	1.532	145	153	167	rVB	96832	116614	14.88%	1.911%
4	2.060	307	317	343	rVB	208661	311467	39.73%	5.105%
5	2.224	366	368	369	rBV	232	95	0.01%	0.002%
6	2.246	370	375	384	rVB2	497	840	0.11%	0.014%
7	2.452	434	439	443	rVB3	578	543	0.07%	0.009%
8	2.892	573	576	579	rBV	140	106	0.01%	0.002%
9	3.294	699	701	705	rVB	168	119	0.02%	0.002%
10	3.317	705	708	711	rBV	165	150	0.02%	0.002%
11	3.535	770	776	778	rBV	154	145	0.02%	0.002%
12	3.719	830	833	837	rBV	136	107	0.01%	0.002%
13	3.783	845	853	881	rBV	39658	106564	13.59%	1.746%
14	4.076	941	944	951	rVB3	300	278	0.04%	0.005%
15	4.169	970	973	975	rBV2	196	146	0.02%	0.002%
16	4.246	982	997	1031	rBV2	119505	304602	38.86%	4.992%
17	4.410	1046	1048	1052	rVB3	266	139	0.02%	0.002%
18	4.432	1052	1055	1059	rVB3	415	359	0.05%	0.006%
19	4.494	1072	1074	1077	rBV	157	122	0.02%	0.002%
20	4.506	1077	1078	1081	rVB2	280	104	0.01%	0.002%
21	4.558	1087	1094	1097	rBV2	343	256	0.03%	0.004%
22	4.577	1097	1100	1108	rVB3	422	449	0.06%	0.007%
23	4.619	1108	1113	1115	rBV	285	339	0.04%	0.006%
24	4.731	1144	1148	1150	rBV	129	128	0.02%	0.002%
25	4.957	1200	1218	1258	rBV2	294402	783867	100.00%	12.847%
26	5.120	1267	1269	1271	rVB	397	164	0.02%	0.003%
27	5.268	1312	1315	1318	rBV2	286	190	0.02%	0.003%
28	5.323	1330	1332	1334	rBV	263	136	0.02%	0.002%
29	5.490	1380	1384	1385	rBV	213	118	0.02%	0.002%
30	5.532	1386	1397	1431	rVV	256892	526434	67.16%	8.628%
31	5.838	1485	1492	1501	rBV4	1369	2425	0.31%	0.040%
32	5.886	1505	1507	1512	rVB	201	107	0.01%	0.002%
33	5.937	1520	1523	1527	rBV2	185	136	0.02%	0.002%
34	5.989	1527	1539	1569	rBV	166631	345777	44.11%	5.667%
35	6.146	1585	1588	1590	rBV2	419	249	0.03%	0.004%
36	6.194	1599	1603	1604	rBV2	146	121	0.02%	0.002%

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Sample : P1191-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMQ1

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	6.207	1604	1607	1610	rVB2	317	207	0.03%	0.003%
38	6.317	1636	1641	1643	rBV	121	111	0.01%	0.002%
39	6.384	1659	1662	1666	rBV2	306	305	0.04%	0.005%
40	6.403	1666	1668	1671	rBV	219	158	0.02%	0.003%
41	6.461	1683	1686	1690	rBV	183	173	0.02%	0.003%
42	6.487	1690	1694	1699	rVB2	209	247	0.03%	0.004%
43	6.519	1699	1704	1706	rBV	177	195	0.02%	0.003%
44	6.616	1730	1734	1738	rVB2	180	195	0.02%	0.003%
45	6.638	1738	1741	1746	rBV2	220	204	0.03%	0.003%
46	6.664	1746	1749	1751	rVB	165	106	0.01%	0.002%
47	6.690	1751	1757	1762	rBV	218	372	0.05%	0.006%
48	6.911	1816	1826	1858	rBV	100949	189728	24.20%	3.109%
49	7.243	1917	1929	1958	rBV	367897	641950	81.90%	10.521%
50	7.551	2016	2025	2051	rBV	68972	121538	15.50%	1.992%
51	7.686	2063	2067	2070	rBV4	283	315	0.04%	0.005%
52	7.744	2082	2085	2087	rVV2	188	97	0.01%	0.002%
53	7.754	2087	2088	2091	rVB	191	92	0.01%	0.002%
54	7.776	2091	2095	2097	rBV2	329	158	0.02%	0.003%
55	7.876	2123	2126	2129	rVB2	241	172	0.02%	0.003%
56	7.899	2129	2133	2137	rBV2	146	146	0.02%	0.002%
57	8.024	2163	2172	2213	rBV	143796	288212	36.77%	4.723%
58	8.288	2251	2254	2258	rBV	262	225	0.03%	0.004%
59	8.355	2272	2275	2280	rBV3	161	148	0.02%	0.002%
60	8.439	2298	2301	2305	rBV2	160	102	0.01%	0.002%
61	8.503	2318	2321	2326	rBV2	124	123	0.02%	0.002%
62	8.664	2368	2371	2374	rBV	152	112	0.01%	0.002%
63	8.783	2398	2408	2441	rBV	390848	641315	81.81%	10.510%
64	9.040	2484	2488	2490	rBV2	132	93	0.01%	0.002%
65	9.146	2518	2521	2525	rVB2	226	112	0.01%	0.002%
66	9.355	2583	2586	2591	rBV2	149	156	0.02%	0.003%
67	9.831	2731	2734	2738	rBV2	108	96	0.01%	0.002%
68	10.152	2822	2834	2861	rBV	204965	319488	40.76%	5.236%
69	10.323	2884	2887	2892	rBV3	196	165	0.02%	0.003%
70	10.519	2946	2948	2952	rVB2	143	95	0.01%	0.002%
71	11.088	3122	3125	3128	rVB2	171	105	0.01%	0.002%
72	11.185	3144	3155	3176	rBV	414088	641718	81.87%	10.517%
73	11.413	3224	3226	3228	rVB	225	93	0.01%	0.002%
74	11.561	3260	3272	3299	rBV	366105	575201	73.38%	9.427%
75	11.709	3316	3318	3322	rVB	237	133	0.02%	0.002%
76	11.992	3404	3406	3410	rVB	144	106	0.01%	0.002%

LSC Area Percent Report

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Operator : SY/MD
Sample : P1191-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMQ1

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	12.188	3465	3467	3473	rVV2	158	181	0.02%	0.003%
78	12.233	3478	3481	3485	rBV2	146	126	0.02%	0.002%
79	13.574	3895	3898	3900	rBV	202	145	0.02%	0.002%
80	13.625	3912	3914	3917	rBV	241	155	0.02%	0.003%
81	13.702	3935	3938	3943	rBV2	163	169	0.02%	0.003%
82	13.995	4027	4029	4032	rVB2	213	94	0.01%	0.002%
83	14.014	4032	4035	4036	rBV	153	93	0.01%	0.002%
84	14.065	4048	4051	4053	rBV3	213	112	0.01%	0.002%
85	14.149	4074	4077	4080	rBV2	224	142	0.02%	0.002%
86	14.246	4103	4107	4112	rVB2	279	212	0.03%	0.003%
87	14.284	4115	4119	4124	rBV2	317	356	0.05%	0.006%
88	14.387	4147	4151	4153	rBB3	171	116	0.01%	0.002%
89	14.403	4153	4156	4157	rBV	208	93	0.01%	0.002%
90	14.545	4194	4200	4202	rBV2	493	464	0.06%	0.008%
91	14.631	4226	4227	4229	rBV2	225	97	0.01%	0.002%
92	14.773	4268	4271	4274	rBV2	261	218	0.03%	0.004%
93	14.853	4294	4296	4299	rBV2	204	157	0.02%	0.003%
94	15.004	4340	4343	4346	rBV2	348	263	0.03%	0.004%
95	15.069	4361	4363	4368	rBV3	346	300	0.04%	0.005%
96	15.223	4408	4411	4415	rBV4	363	269	0.03%	0.004%
97	15.426	4471	4474	4476	rBV	316	210	0.03%	0.003%
98	15.538	4506	4509	4511	rBV2	340	201	0.03%	0.003%
99	15.647	4539	4543	4547	rVB5	555	519	0.07%	0.009%
100	16.027	4659	4661	4666	rVB3	705	415	0.05%	0.007%

Sum of corrected areas: 6101671

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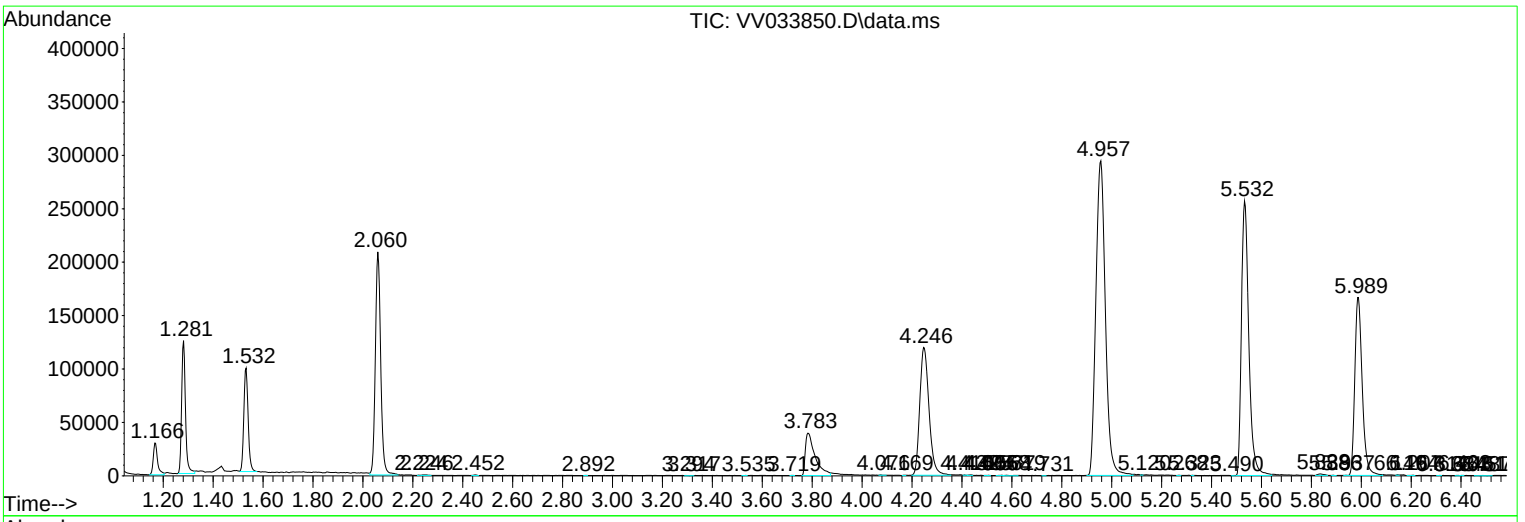
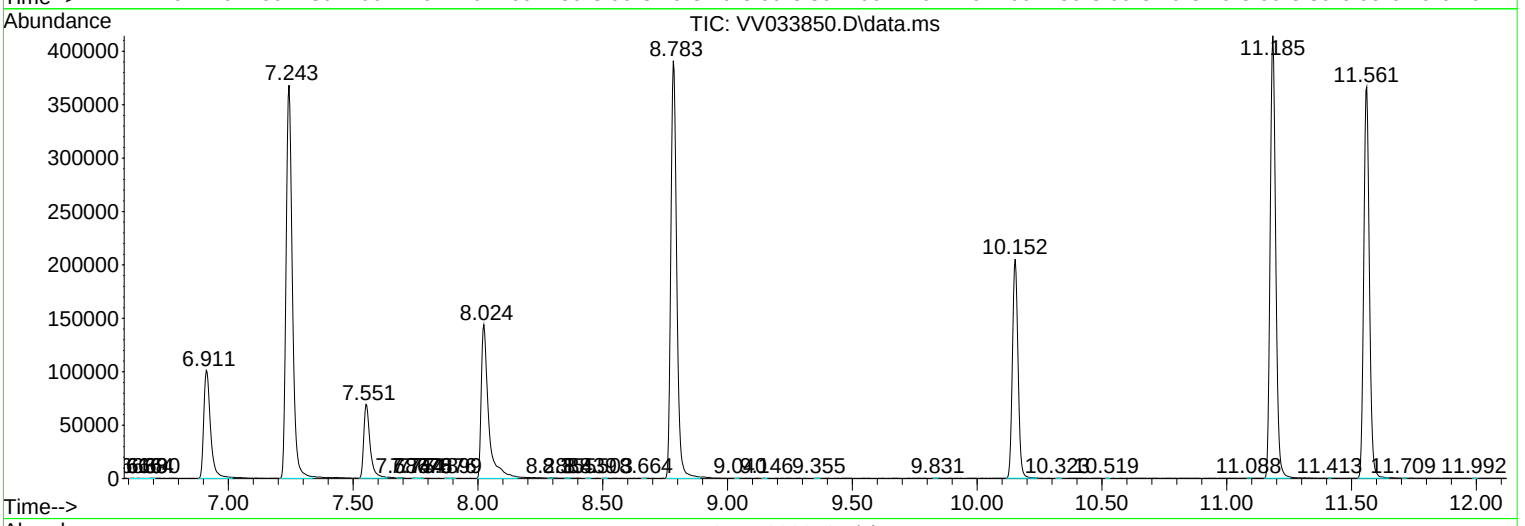
Sample : P1191-11
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 12 Sample Multiplier: 1

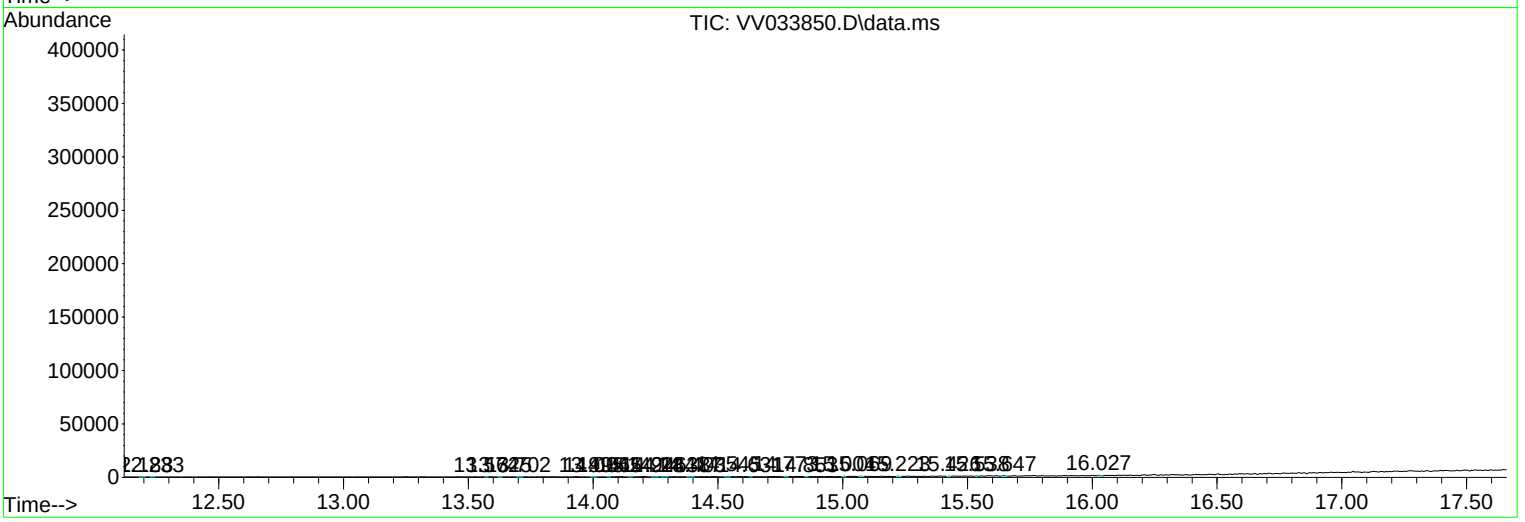
Instrument :
MSVOA_V
ClientSampleId :
DCMQ1

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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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMQ1

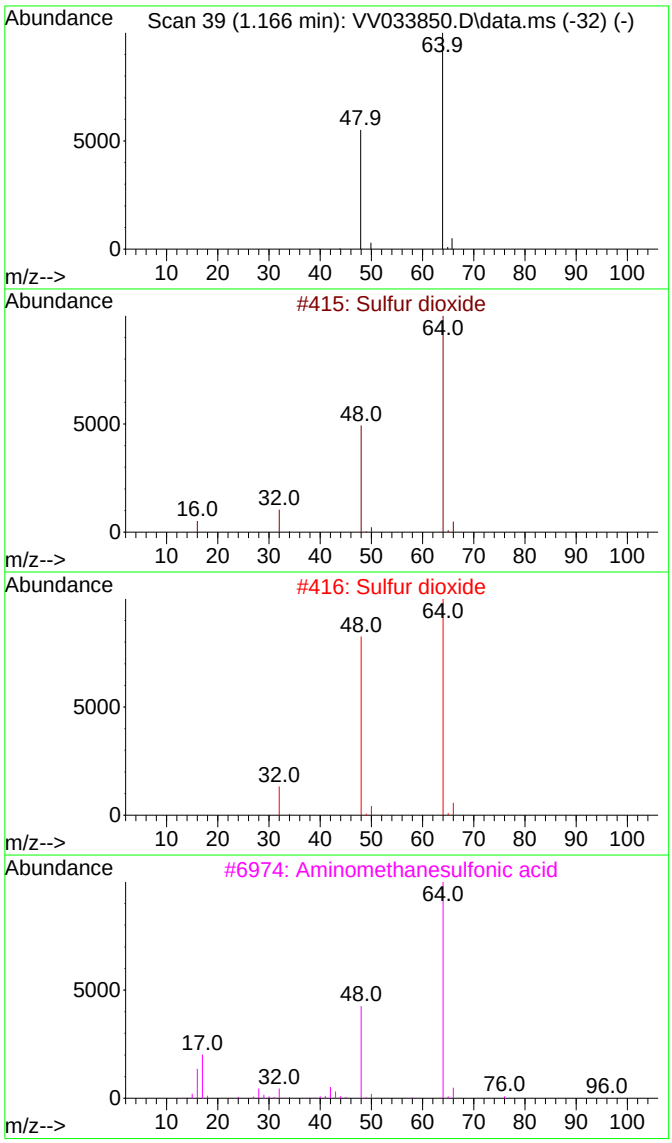
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

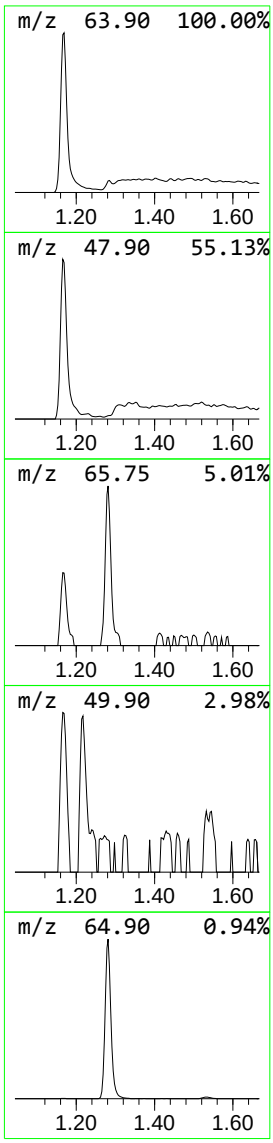
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.166	3.40 ug/L	35822	1,4-Difluorobenzene	5.532

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Sulfur dioxide	64	O2S	007446-09-5	74
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9





Tentatively Identified Compound (LSC) summary

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MSVOA_V
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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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.166	3.4	ug/L	35822	1	5.532	526434	50.0