LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012324\
Data File : VV033818.D
Acq On : 23 Jan 2024 10:26
Operator : SY/MD
Sample : P1189-24
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMM0

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: VV033818.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	52	rBV	36992	45397	5.54%	0.665%
2	1.282	67	75	92	rBV2	214136	253515	30.92%	3.711%
3	1.532	146	153	168	rVB	95039	113093	13.79%	1.656%
4	2.060	308	317	331	rVB	198221	285321	34.80%	4.177%
5	2.175	350	353	354	rBV3	280	173	0.02%	0.003%
6	2.185	354	356	358	rBV2	332	200	0.02%	0.003%
7	2.233	364	371	390	rVB4	1495	3679	0.45%	0.054%
8	2.327	397	400	402	rVB2	236	141	0.02%	0.002%
9	2.445	435	437	443	rVB2	509	397	0.05%	0.006%
10	2.558	466	472	474	rBV2	586	615	0.08%	0.009%
11	2.700	508	516	534	rVB2	4055	7289	0.89%	0.107%
12	2.770	535	538	543	rBV2	119	146	0.02%	0.002%
13	2.860	562	566	571	rBV2	147	149	0.02%	0.002%
14	2.883	571	573	577	rVB2	207	157	0.02%	0.002%
15	3.031	614	619	621	rBV	184	207	0.03%	0.003%
16	3.188	665	668	673	rVB2	266	289	0.04%	0.004%
17	3.214	673	676	678	rBV2	206	174	0.02%	0.003%
18	3.275	689	695	697	rBV	114	128	0.02%	0.002%
19	3.590	791	793	799	rVB2	155	174	0.02%	0.003%
20	3.619	799	802	806	rBV	131	152	0.02%	0.002%
21	3.722	830	834	839	rVB2	152	130	0.02%	0.002%
22	3.812	845	862	893	rBV2	134403	424841	51.82%	6.219%
23	4.076	942	944	949	rVB3	283	131	0.02%	0.002%
24	4.249	981	998	1028	rBV	126299	322903	39.39%	4.727%
25	4.484	1069	1071	1076	rVB3	490	398	0.05%	0.006%
26	4.510	1076	1079	1083	rBV4	433	397	0.05%	0.006%
27	4.957	1201	1218	1248	rBV2	306665	819839	100.00%	12.002%
28	5.236	1302	1305	1307	rBV2	161	135	0.02%	0.002%
29	5.326	1330	1333	1335	rBV3	307	152	0.02%	0.002%
30	5.375	1345	1348	1350	rBV	190	129	0.02%	0.002%
31	5.532	1386	1397	1418	rBV	266955	544012	66.36%	7.964%
32	5.799	1473	1480	1485	rBV6	925	1290	0.16%	0.019%
33	5.831	1485	1490	1493	rBV5	1056	1329	0.16%	0.019%
34	5.896	1507	1510	1515	rBV3	218	248	0.03%	0.004%
35	5.989	1526	1539	1568	rBV	178170	367444	44.82%	5.379%
36	6.133	1579	1584	1588	rBV4	292	313	0.04%	0.005%

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ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DCMM0

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	6.175	1595	1597	1600	rVB3	339	178	0.02%	0.003%
38	6.198	1600	1604	1607	rBV	185	182	0.02%	0.003%
39	6.375	1654	1659	1664	rBV2	164	212	0.03%	0.003%
40	6.603	1725	1730	1734	rVV3	308	392	0.05%	0.006%
41	6.651	1738	1745	1747	rVV2	224	230	0.03%	0.003%
42	6.738	1768	1772	1775	rBV2	246	222	0.03%	0.003%
43	6.912	1816	1826	1854	rBV	102448	192246	23.45%	2.814%
44	7.149	1895	1900	1904	rBV3	407	468	0.06%	0.007%
45	7.188	1909	1912	1915	rBB	213	137	0.02%	0.002%
46	7.243	1918	1929	1952	rBV	382813	669766	81.69%	9.805%
47	7.551	2016	2025	2047	rBV	68614	124158	15.14%	1.818%
48	7.793	2097	2100	2105	rBV2	225	238	0.03%	0.003%
49	7.873	2117	2125	2141	rBV3	2044	3936	0.48%	0.058%
50	7.940	2142	2146	2149	rVB2	196	156	0.02%	0.002%
51	7.976	2154	2157	2162	rVB	185	140	0.02%	0.002%
52	8.024	2162	2172	2209	rBV	162444	322877	39.38%	4.727%
53	8.432	2297	2299	2303	rVB	202	123	0.02%	0.002%
54	8.455	2303	2306	2308	rBV2	204	146	0.02%	0.002%
55	8.551	2332	2336	2339	rBV	158	172	0.02%	0.003%
56	8.783	2396	2408	2442	rBV	404447	666974	81.35%	9.764%
57	8.985	2469	2471	2475	rVB	360	229	0.03%	0.003%
58	9.008	2475	2478	2479	rBV2	174	122	0.01%	0.002%
59	9.098	2504	2506	2512	rVB4	273	190	0.02%	0.003%
60	9.156	2521	2524	2526	rBV	372	276	0.03%	0.004%
61	9.484	2620	2626	2629	rBV2	115	136	0.02%	0.002%
62	9.583	2653	2657	2660	rBV	167	135	0.02%	0.002%
63	9.773	2712	2716	2720	rBV2	145	175	0.02%	0.003%
64	10.153	2816	2834	2855	rBV	222079	348487	42.51%	5.102%
65	10.272	2869	2871	2874	rVB2	215	132	0.02%	0.002%
66	10.641	2981	2986	2989	rBV2	139	122	0.01%	0.002%
67	10.870	3053	3057	3060	rVB3	215	196	0.02%	0.003%
68	11.185	3144	3155	3180	rBV	435970	671456	81.90%	9.830%
69	11.297	3189	3190	3192	rBV	258	132	0.02%	0.002%
70	11.355	3206	3208	3212	rVB3	222	165	0.02%	0.002%
71	11.400	3216	3222	3226	rBV2	247	268	0.03%	0.004%
72	11.561	3260	3272	3291	rBV	391169	618348	75.42%	9.052%
73	12.288	3495	3498	3502	rBV2	214	205	0.03%	0.003%
74	12.590	3587	3592	3595	rBV2	334	296	0.04%	0.004%
75	13.207	3780	3784	3790	rVB3	591	708	0.09%	0.010%
76	13.291	3807	3810	3816	rVB2	189	142	0.02%	0.002%

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMM0

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	13.352	3826	3829	3833	rBV	154	135	0.02%	0.002%
78	13.451	3852	3860	3875	rVB2	2987	5118	0.62%	0.075%
79	13.519	3877	3881	3884	rVB2	307	196	0.02%	0.003%
80	13.558	3887	3893	3897	rBV2	132	190	0.02%	0.003%
81	13.622	3910	3913	3917	rVB	271	176	0.02%	0.003%
82	13.644	3917	3920	3922	rBV2	234	137	0.02%	0.002%
83	13.693	3927	3935	3940	rVV2	945	1317	0.16%	0.019%
84	13.715	3940	3942	3946	rVV	223	154	0.02%	0.002%
85	13.763	3952	3957	3960	rBV3	205	241	0.03%	0.004%
86	13.979	4019	4024	4030	rBV3	299	417	0.05%	0.006%
87	14.075	4048	4054	4060	rBV2	324	464	0.06%	0.007%
88	14.130	4069	4071	4074	rBV2	334	185	0.02%	0.003%
89	14.191	4087	4090	4094	rBV3	260	241	0.03%	0.004%
90	14.233	4101	4103	4106	rBV2	211	142	0.02%	0.002%
91	14.368	4143	4145	4148	rBV	263	167	0.02%	0.002%
92	14.455	4169	4172	4175	rBV	228	163	0.02%	0.002%
93	14.525	4191	4194	4195	rBV	218	129	0.02%	0.002%
94	14.728	4254	4257	4261	rBV3	304	267	0.03%	0.004%
95	14.779	4271	4273	4277	rBV2	301	143	0.02%	0.002%
96	14.889	4304	4307	4309	rBV	235	130	0.02%	0.002%
97	14.950	4324	4326	4329	rBV2	268	123	0.02%	0.002%
98	15.146	4384	4387	4392	rBV3	371	296	0.04%	0.004%
99	15.628	4534	4537	4539	rBV2	476	260	0.03%	0.004%
100	15.731	4566	4569	4571	rBV	404	270	0.03%	0.004%

Sum of corrected areas: 6831021

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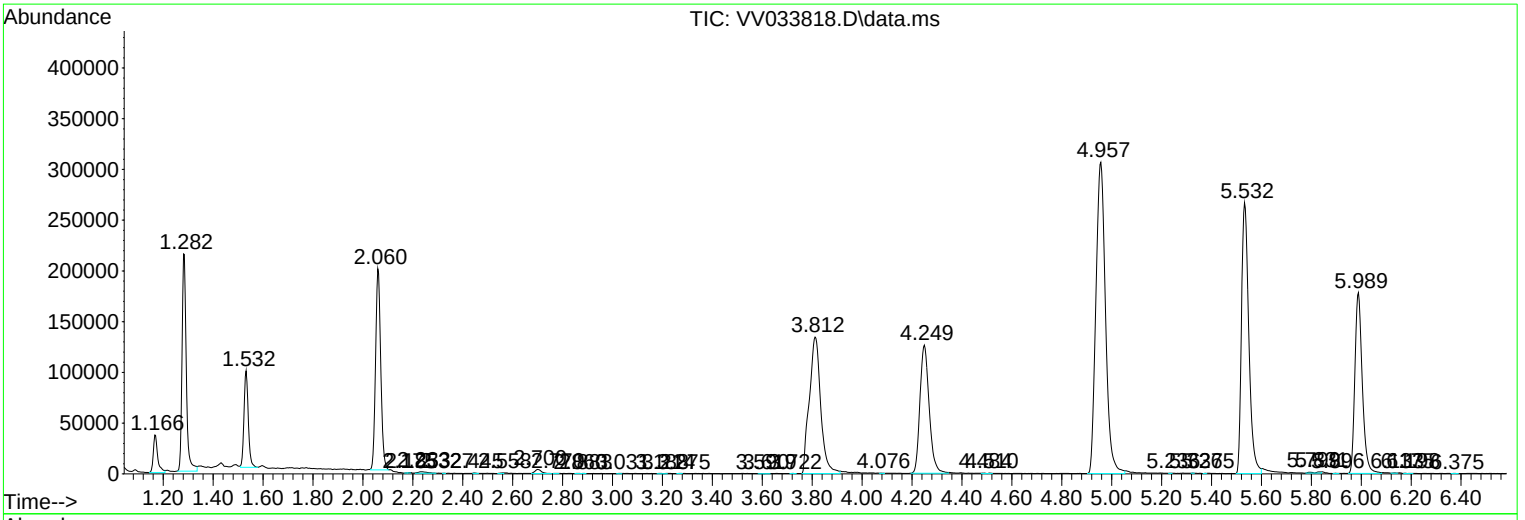
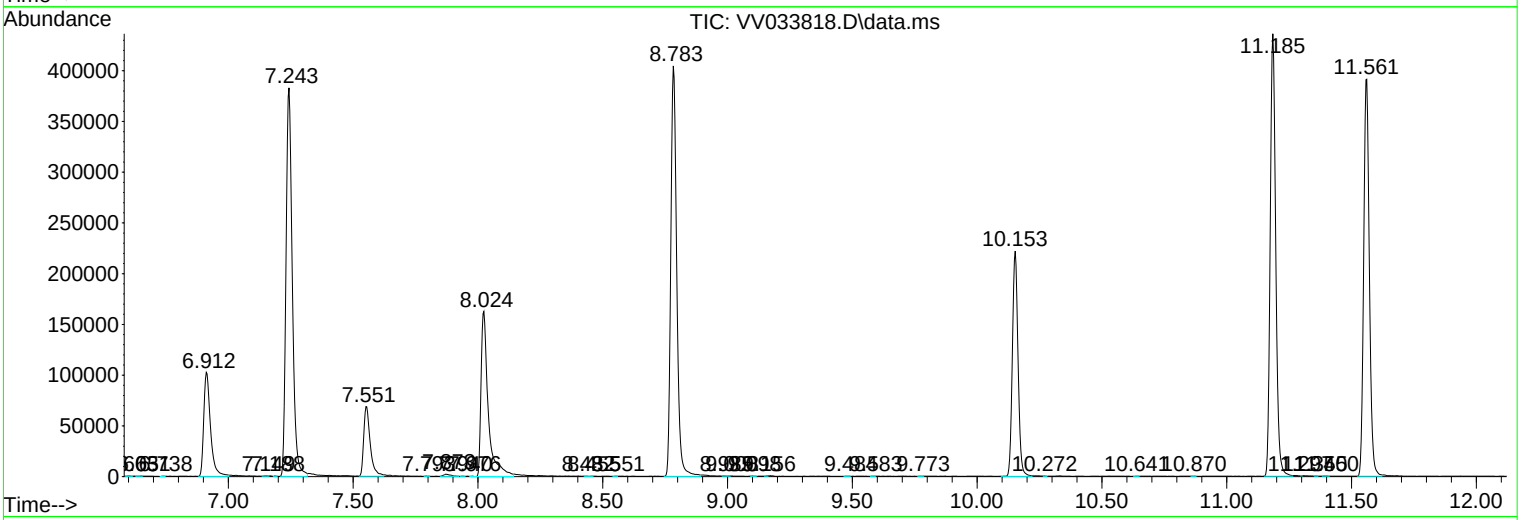
ALS Vial : 5 Sample Multiplier: 1

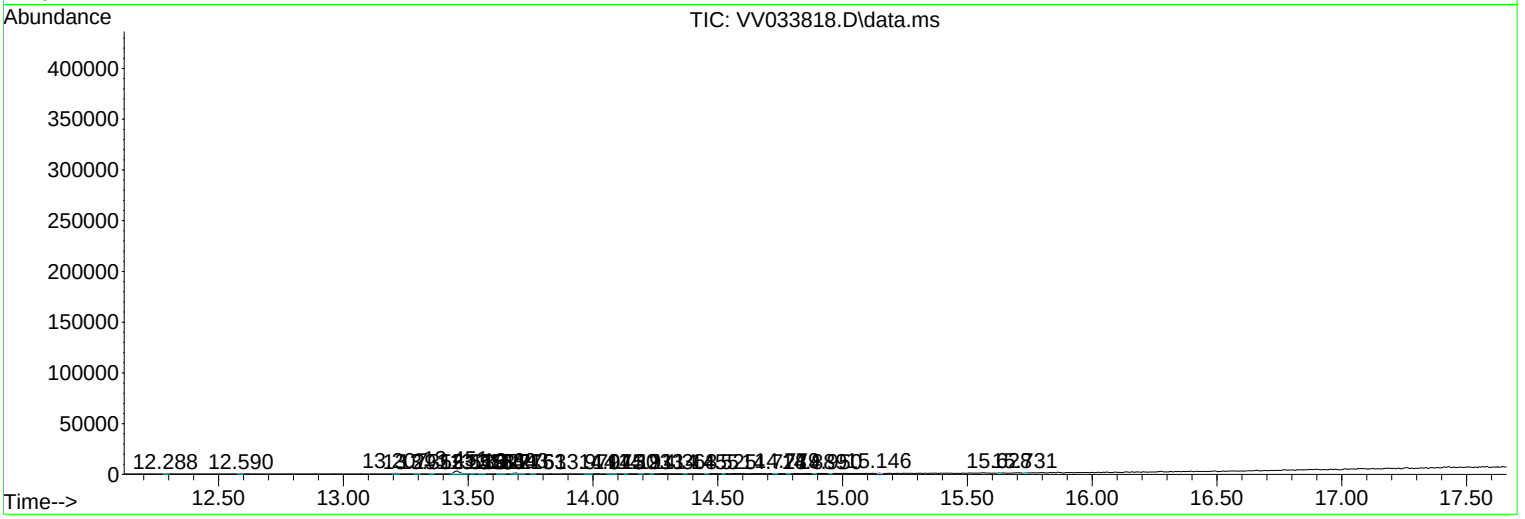
Instrument :
MSVOA_V
ClientSampleId :
DCMM0

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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DCMM0

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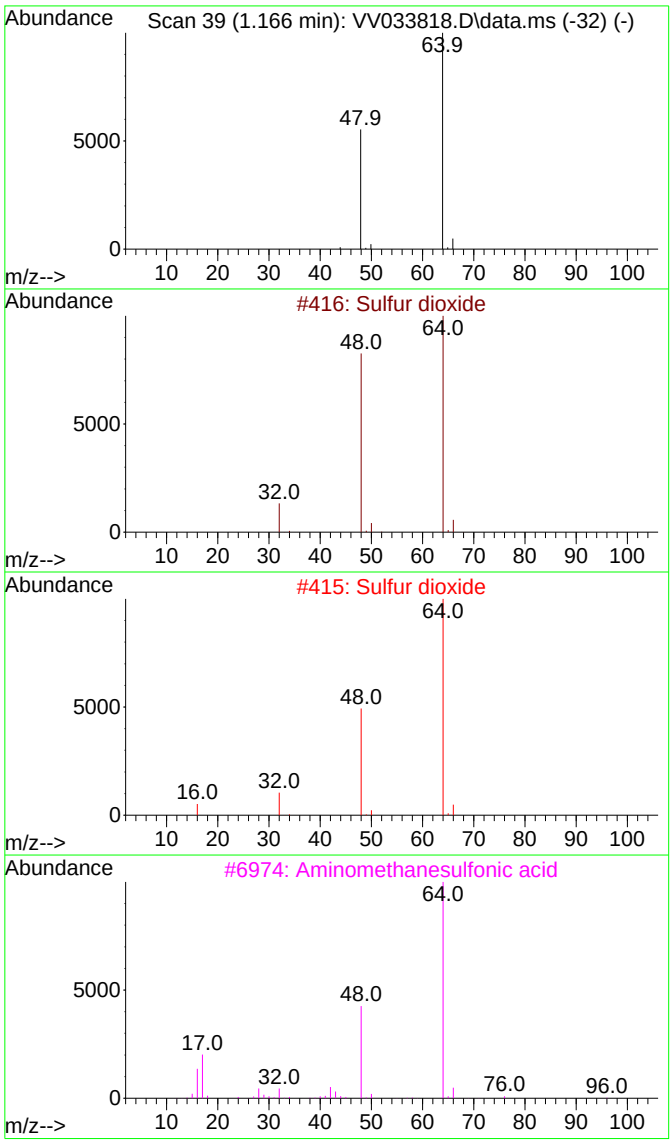
Quant Title : VOC Analysis

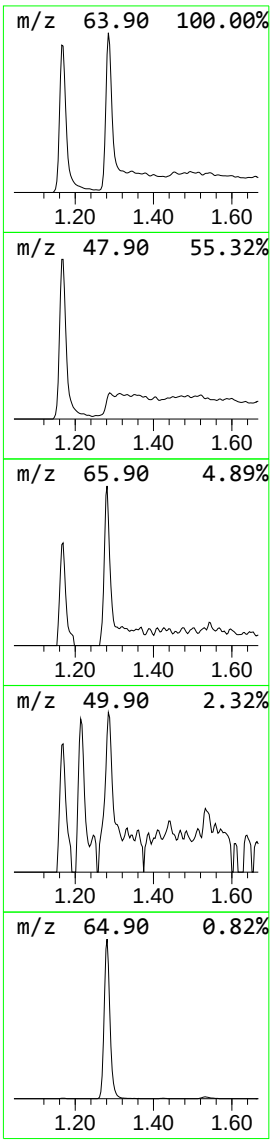
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.166	4.17 ug/L	45397	1,4-Difluorobenzene	5.532

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	64
5	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	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	4.2	ug/L	45397	1	5.532	544012	50.0