LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012424\
Data File : VV033844.D
Acq On : 24 Jan 2024 11:34
Operator : SY/MD
Sample : P1191-17
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMT3

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: VV033844.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	53	rBV	39782	47525	5.82%	0.757%
2	1.281	68	75	87	rBV	131440	144163	17.64%	2.296%
3	1.532	146	153	169	rVB	102229	121936	14.92%	1.942%
4	2.060	307	317	344	rVB	212384	320408	39.21%	5.103%
5	2.188	352	357	359	rBV3	363	319	0.04%	0.005%
6	2.217	362	366	367	rBV	438	282	0.03%	0.004%
7	2.452	434	439	443	rVB4	453	489	0.06%	0.008%
8	2.876	568	571	576	rVB2	152	116	0.01%	0.002%
9	3.098	637	640	643	rBV	294	196	0.02%	0.003%
10	3.252	680	688	694	rBV2	157	238	0.03%	0.004%
11	3.638	805	808	812	rBV2	214	221	0.03%	0.004%
12	3.783	846	853	898	rBV2	46273	125971	15.42%	2.006%
13	4.249	982	998	1028	rBV	126981	321118	39.30%	5.114%
14	4.429	1051	1054	1057	rBV3	301	233	0.03%	0.004%
15	4.490	1071	1073	1080	rVB4	443	421	0.05%	0.007%
16	4.526	1080	1084	1087	rVB2	305	213	0.03%	0.003%
17	4.545	1087	1090	1091	rBV	228	127	0.02%	0.002%
18	4.558	1091	1094	1097	rVB2	315	240	0.03%	0.004%
19	4.693	1132	1136	1140	rBV2	135	121	0.01%	0.002%
20	4.834	1174	1180	1183	rBV2	232	312	0.04%	0.005%
21	4.889	1193	1197	1201	rBV	125	118	0.01%	0.002%
22	4.957	1201	1218	1251	rBV2	307558	817119	100.00%	13.013%
23	5.178	1284	1287	1289	rBV2	375	193	0.02%	0.003%
24	5.211	1293	1297	1300	rVB3	250	214	0.03%	0.003%
25	5.227	1300	1302	1305	rBV2	250	136	0.02%	0.002%
26	5.317	1324	1330	1334	rBV2	282	379	0.05%	0.006%
27	5.355	1340	1342	1345	rVB	272	146	0.02%	0.002%
28	5.375	1345	1348	1350	rBV2	191	168	0.02%	0.003%
29	5.413	1359	1360	1363	rVB	293	132	0.02%	0.002%
30	5.436	1363	1367	1368	rBV2	284	172	0.02%	0.003%
31	5.532	1383	1397	1439	rBV	249771	515706	63.11%	8.213%
32	5.834	1485	1491	1493	rBV3	1004	1046	0.13%	0.017%
33	5.905	1510	1513	1514	rBV2	183	131	0.02%	0.002%
34	5.989	1526	1539	1569	rBV	176023	364247	44.58%	5.801%
35	6.146	1586	1588	1597	rVB3	702	902	0.11%	0.014%
36	6.217	1605	1610	1613	rVB2	198	197	0.02%	0.003%

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Instrument :
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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	6.236	1613	1616	1618	rBV	199	140	0.02%	0.002%
38	6.317	1637	1641	1645	rVB2	203	192	0.02%	0.003%
39	6.342	1645	1649	1652	rBV	221	203	0.02%	0.003%
40	6.461	1683	1686	1690	rVB	162	162	0.02%	0.003%
41	6.522	1701	1705	1710	rBV2	263	346	0.04%	0.006%
42	6.577	1719	1722	1727	rBV	184	241	0.03%	0.004%
43	6.754	1774	1777	1782	rVB2	114	113	0.01%	0.002%
44	6.789	1782	1788	1793	rBV2	211	239	0.03%	0.004%
45	6.911	1815	1826	1849	rBV	104662	194038	23.75%	3.090%
46	7.079	1874	1878	1883	rVV4	405	355	0.04%	0.006%
47	7.104	1883	1886	1890	rVV4	359	328	0.04%	0.005%
48	7.243	1917	1929	1953	rBV	379414	666023	81.51%	10.607%
49	7.481	2000	2003	2011	rVB2	420	460	0.06%	0.007%
50	7.519	2011	2015	2017	rBV3	152	136	0.02%	0.002%
51	7.551	2017	2025	2056	rBV	70827	127549	15.61%	2.031%
52	7.696	2066	2070	2074	rBV4	183	187	0.02%	0.003%
53	7.757	2086	2089	2093	rVB2	244	204	0.02%	0.003%
54	7.776	2093	2095	2098	rVB	246	127	0.02%	0.002%
55	7.876	2114	2126	2137	rVB2	1124	2027	0.25%	0.032%
56	7.921	2137	2140	2143	rBV2	250	223	0.03%	0.004%
57	8.024	2163	2172	2214	rBV	163824	319993	39.16%	5.096%
58	8.368	2274	2279	2284	rBV2	187	247	0.03%	0.004%
59	8.410	2289	2292	2295	rBV2	251	192	0.02%	0.003%
60	8.635	2358	2362	2365	rBV	225	201	0.02%	0.003%
61	8.725	2387	2390	2393	rBV	185	136	0.02%	0.002%
62	8.783	2398	2408	2434	rBV	385323	626535	76.68%	9.978%
63	9.063	2490	2495	2497	rBV	220	138	0.02%	0.002%
64	9.149	2518	2522	2528	rVV2	162	201	0.02%	0.003%
65	9.445	2610	2614	2619	rVB2	130	127	0.02%	0.002%
66	9.564	2648	2651	2655	rBV	165	125	0.02%	0.002%
67	9.683	2686	2688	2696	rVB2	149	161	0.02%	0.003%
68	9.741	2701	2706	2710	rBV	163	138	0.02%	0.002%
69	10.152	2822	2834	2865	rVB	219196	341380	41.78%	5.437%
70	10.326	2879	2888	2899	rVB3	1142	1688	0.21%	0.027%
71	10.564	2957	2962	2968	rBV2	178	214	0.03%	0.003%
72	11.030	3102	3107	3110	rBV	176	183	0.02%	0.003%
73	11.075	3118	3121	3127	rVB2	148	144	0.02%	0.002%
74	11.104	3127	3130	3132	rBV	163	113	0.01%	0.002%
75	11.185	3144	3155	3175	rBV	392470	613085	75.03%	9.764%
76	11.352	3205	3207	3211	rVB3	432	281	0.03%	0.004%

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMT3

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	11.390	3215	3219	3220	rBV2	188	113	0.01%	0.002%
78	11.561	3260	3272	3300	rVV	369595	589192	72.11%	9.383%
79	11.808	3343	3349	3352	rBV2	186	195	0.02%	0.003%
80	12.197	3467	3470	3474	rVB2	247	182	0.02%	0.003%
81	12.332	3510	3512	3519	rVB2	190	207	0.03%	0.003%
82	12.487	3557	3560	3563	rVB2	183	119	0.01%	0.002%
83	12.513	3564	3568	3571	rBV2	233	204	0.02%	0.003%
84	12.934	3696	3699	3702	rBV	217	157	0.02%	0.003%
85	13.455	3854	3861	3872	rBV2	568	1108	0.14%	0.018%
86	13.606	3904	3908	3912	rBV	186	178	0.02%	0.003%
87	13.744	3948	3951	3954	rBV2	247	179	0.02%	0.003%
88	13.792	3964	3966	3969	rVB3	230	131	0.02%	0.002%
89	13.808	3969	3971	3976	rVV2	213	154	0.02%	0.002%
90	13.847	3981	3983	3986	rVB	271	147	0.02%	0.002%
91	13.927	4005	4008	4012	rVB3	358	295	0.04%	0.005%
92	13.953	4012	4016	4018	rBV2	179	151	0.02%	0.002%
93	14.069	4050	4052	4056	rVB3	242	143	0.02%	0.002%
94	14.168	4081	4083	4088	rBV3	225	232	0.03%	0.004%
95	14.291	4118	4121	4123	rBV2	247	195	0.02%	0.003%
96	14.638	4226	4229	4236	rBV2	150	223	0.03%	0.004%
97	14.802	4277	4280	4283	rBV2	259	240	0.03%	0.004%
98	15.040	4350	4354	4357	rBV2	316	289	0.04%	0.005%
99	15.133	4378	4383	4386	rBV3	346	376	0.05%	0.006%
100	15.294	4429	4433	4439	rVB5	392	496	0.06%	0.008%

Sum of corrected areas: 6279136

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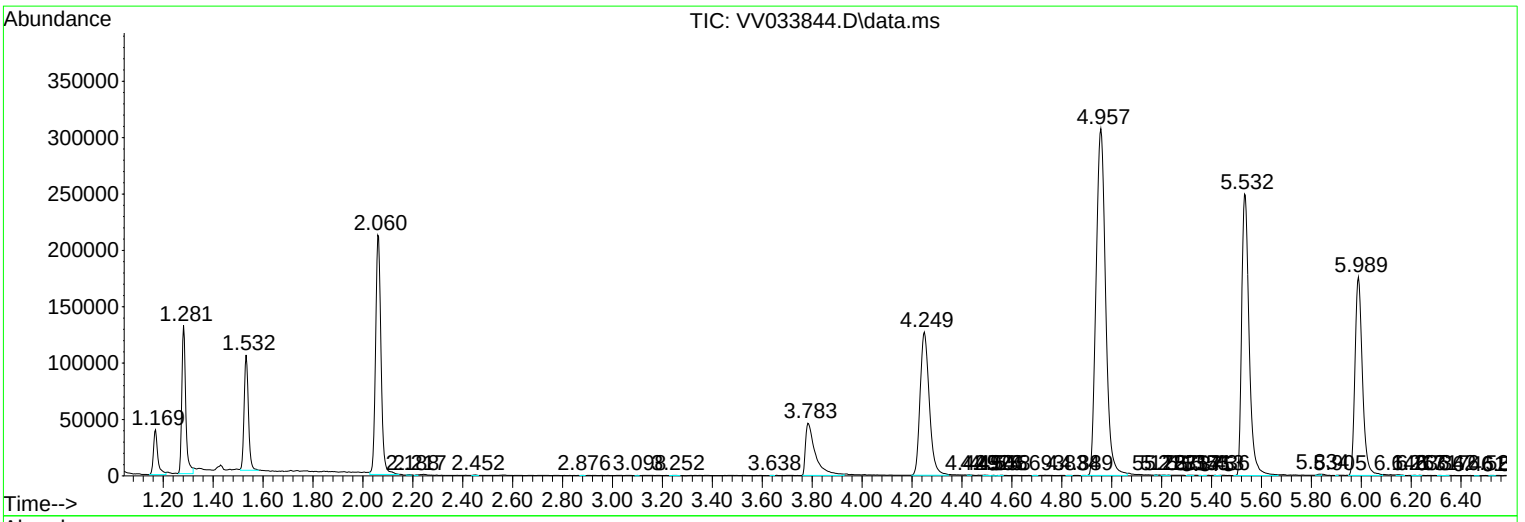
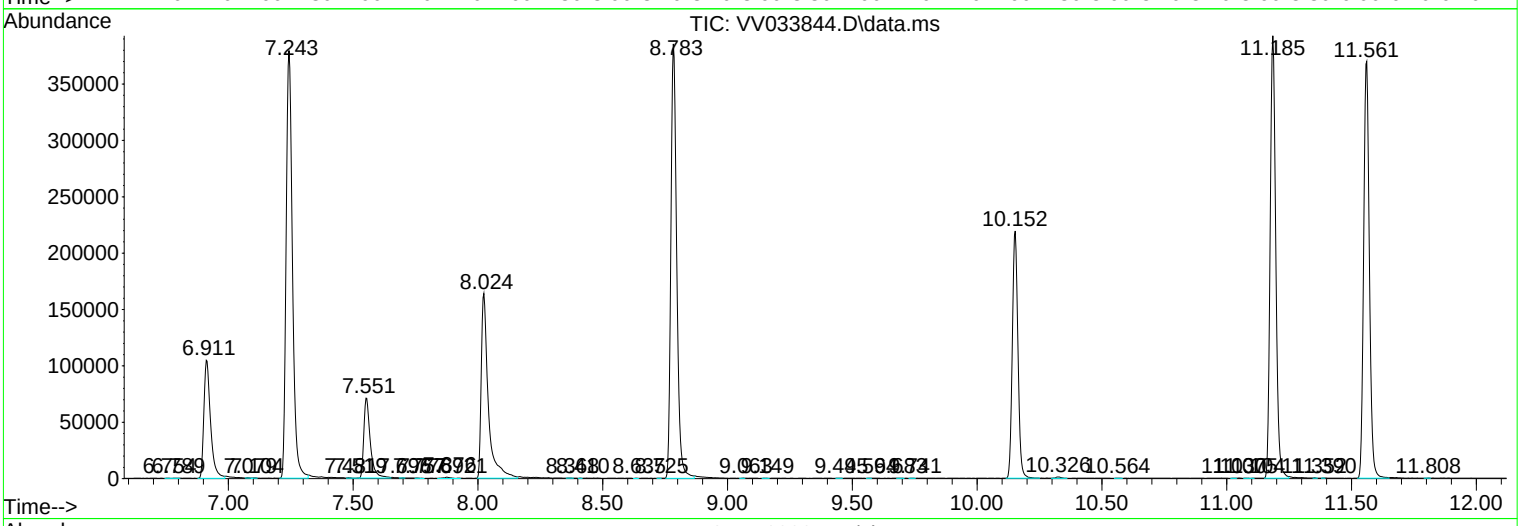
ALS Vial : 7 Sample Multiplier: 1

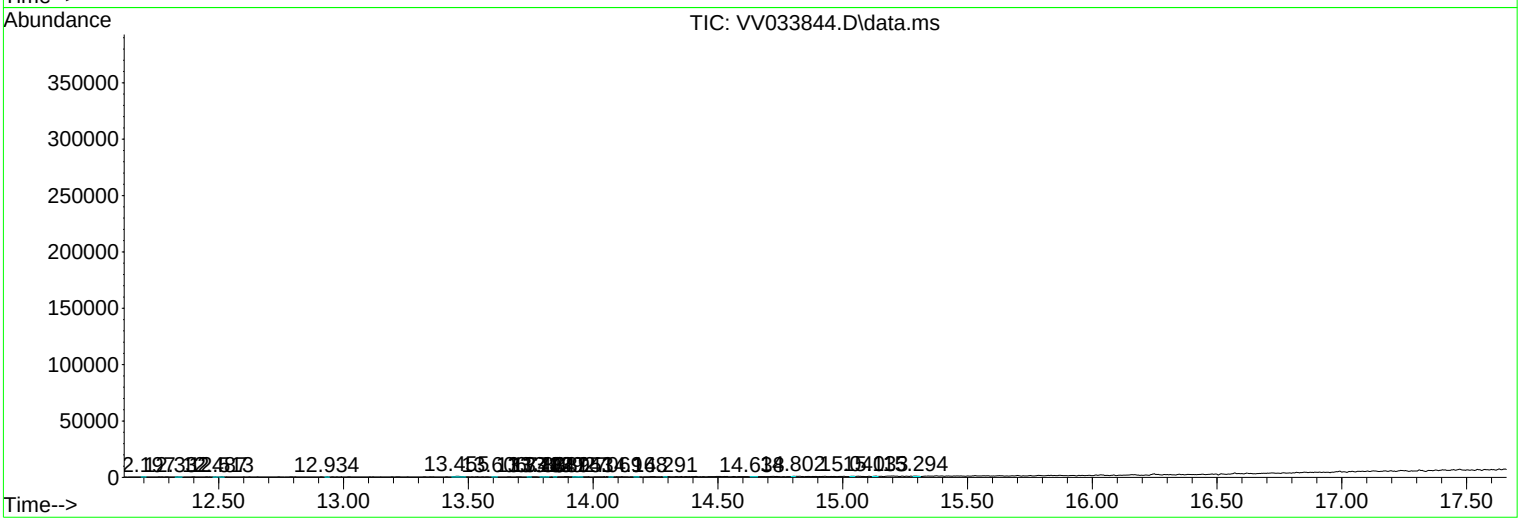
Instrument :
MSVOA_V
ClientSampleId :
DCMT3

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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MSVOA_V
ClientSampleId :
DCMT3

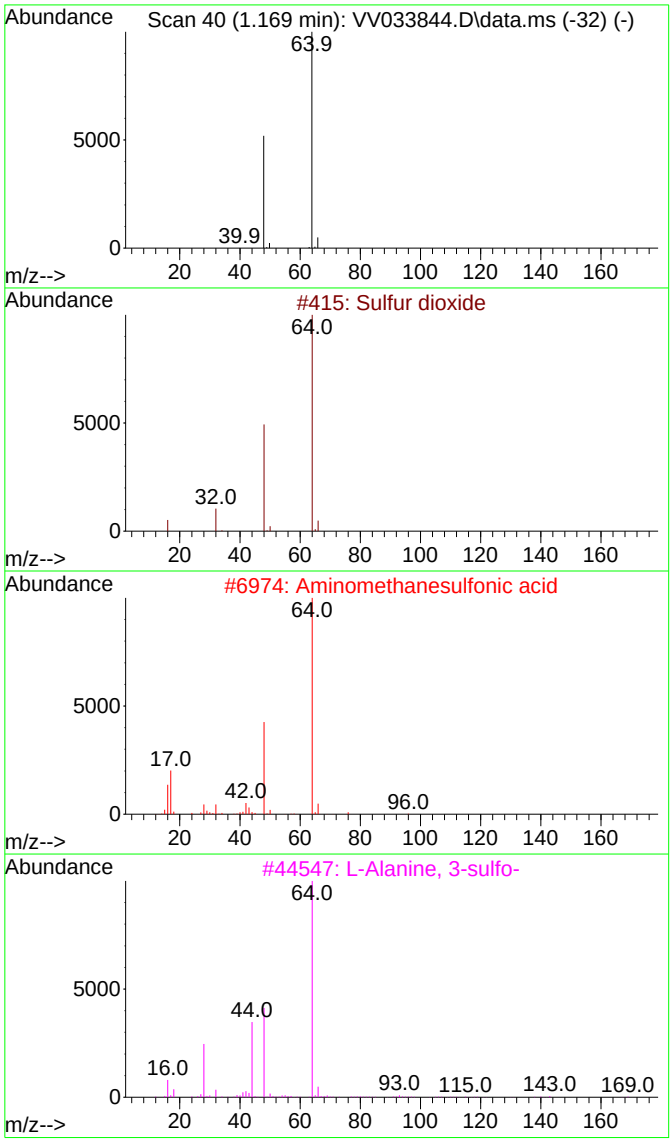
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
Quant Title : VOC Analysis

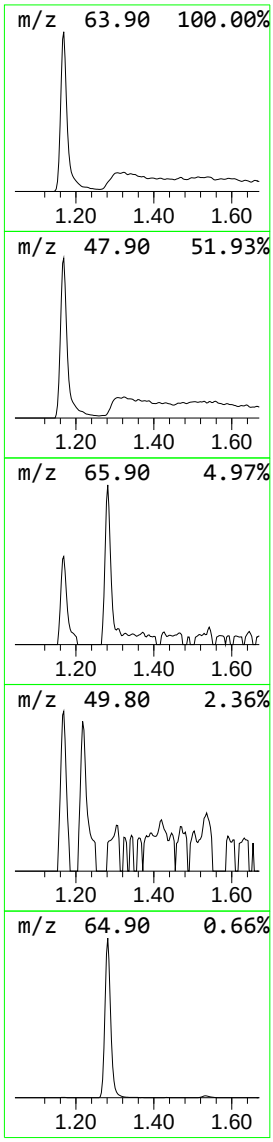
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.169	4.61 ug/L	47525	1,4-Difluorobenzene	5.535

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
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	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





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	4.6	ug/L	47525	1	5.535	515706	50.0