LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012324\
Data File : VV033830.D
Acq On : 23 Jan 2024 15:11
Operator : SY/MD
Sample : P1191-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMQ2

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: VV033830.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	42744	50943	6.69%	0.833%
2	1.282	68	75	88	rBV	101844	108243	14.21%	1.771%
3	1.532	146	153	169	rVB	88713	105640	13.87%	1.728%
4	2.060	308	317	349	rVB	181786	276869	36.34%	4.529%
5	2.185	351	356	358	rBV3	543	453	0.06%	0.007%
6	2.227	360	369	381	rVB3	3556	7534	0.99%	0.123%
7	2.439	432	435	438	rBV2	189	141	0.02%	0.002%
8	2.561	464	473	485	rBB2	1631	3049	0.40%	0.050%
9	3.031	617	619	623	rVB2	170	103	0.01%	0.002%
10	3.066	626	630	631	rBV	163	119	0.02%	0.002%
11	3.098	637	640	647	rBV2	129	165	0.02%	0.003%
12	3.162	654	660	664	rBV2	178	201	0.03%	0.003%
13	3.326	708	711	714	rBV	272	237	0.03%	0.004%
14	3.349	715	718	721	rVB2	138	111	0.01%	0.002%
15	3.433	738	744	747	rVB2	118	120	0.02%	0.002%
16	3.648	805	811	814	rBV2	160	176	0.02%	0.003%
17	3.696	823	826	833	rVB2	159	140	0.02%	0.002%
18	3.783	844	853	886	rBV	48897	134244	17.62%	2.196%
19	3.995	916	919	922	rVB	377	253	0.03%	0.004%
20	4.249	982	998	1028	rBV	119025	302810	39.75%	4.954%
21	4.529	1084	1085	1088	rBV	254	128	0.02%	0.002%
22	4.561	1090	1095	1100	rVV3	237	292	0.04%	0.005%
23	4.648	1118	1122	1125	rVB2	208	129	0.02%	0.002%
24	4.696	1136	1137	1141	rVV	217	113	0.01%	0.002%
25	4.722	1142	1145	1153	rVB2	166	242	0.03%	0.004%
26	4.957	1201	1218	1257	rBV2	283778	761801	100.00%	12.462%
27	5.143	1274	1276	1281	rVB3	404	231	0.03%	0.004%
28	5.169	1281	1284	1286	rBV2	328	225	0.03%	0.004%
29	5.240	1303	1306	1310	rVB3	287	200	0.03%	0.003%
30	5.262	1310	1313	1315	rBV2	183	107	0.01%	0.002%
31	5.314	1327	1329	1332	rBV	289	165	0.02%	0.003%
32	5.432	1364	1366	1368	rBV2	173	106	0.01%	0.002%
33	5.532	1386	1397	1436	rBV	263062	541644	71.10%	8.860%
34	5.831	1484	1490	1505	rVB8	1395	3127	0.41%	0.051%
35	5.989	1524	1539	1566	rBV	164278	345154	45.31%	5.646%
36	6.150	1588	1589	1595	rVB2	351	218	0.03%	0.004%

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMQ2

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	6.178	1595	1598	1603	rVB4	547	551	0.07%	0.009%
38	6.346	1648	1650	1653	rBV	146	109	0.01%	0.002%
39	6.606	1726	1731	1737	rVB2	247	313	0.04%	0.005%
40	6.690	1754	1757	1760	rVV	268	194	0.03%	0.003%
41	6.725	1762	1768	1771	rBV2	135	152	0.02%	0.002%
42	6.850	1805	1807	1810	rVB	239	123	0.02%	0.002%
43	6.870	1810	1813	1815	rBV2	150	114	0.01%	0.002%
44	6.912	1816	1826	1858	rBV	96758	180971	23.76%	2.960%
45	7.079	1874	1878	1881	rBV2	222	152	0.02%	0.002%
46	7.098	1881	1884	1890	rVB2	346	367	0.05%	0.006%
47	7.127	1890	1893	1895	rBV	176	135	0.02%	0.002%
48	7.182	1909	1910	1916	rVB2	369	149	0.02%	0.002%
49	7.243	1916	1929	1957	rBV	349451	617657	81.08%	10.104%
50	7.555	2016	2026	2046	rBV	64069	115621	15.18%	1.891%
51	7.706	2071	2073	2078	rBV3	156	102	0.01%	0.002%
52	7.728	2078	2080	2082	rVB	245	125	0.02%	0.002%
53	7.757	2087	2089	2092	rVB3	293	191	0.03%	0.003%
54	7.879	2117	2127	2133	rVB2	463	866	0.11%	0.014%
55	7.911	2133	2137	2142	rBV3	671	642	0.08%	0.011%
56	8.024	2163	2172	2213	rBV	165256	326516	42.86%	5.341%
57	8.368	2278	2279	2283	rBV	233	186	0.02%	0.003%
58	8.416	2290	2294	2296	rBV	248	202	0.03%	0.003%
59	8.783	2397	2408	2433	rBV	394958	648632	85.14%	10.611%
60	9.130	2513	2516	2519	rBV2	133	111	0.01%	0.002%
61	9.239	2546	2550	2554	rVB	160	139	0.02%	0.002%
62	9.265	2554	2558	2562	rBV2	160	164	0.02%	0.003%
63	9.317	2568	2574	2580	rVB2	207	273	0.04%	0.004%
64	9.349	2581	2584	2587	rBV2	120	102	0.01%	0.002%
65	9.593	2657	2660	2663	rVB	180	109	0.01%	0.002%
66	9.628	2667	2671	2675	rBV	107	117	0.02%	0.002%
67	10.088	2811	2814	2821	rBV2	108	133	0.02%	0.002%
68	10.153	2822	2834	2859	rBV	215011	339257	44.53%	5.550%
69	10.272	2868	2871	2875	rVB3	251	199	0.03%	0.003%
70	10.323	2882	2887	2890	rBV3	531	556	0.07%	0.009%
71	10.590	2967	2970	2974	rVB2	181	134	0.02%	0.002%
72	10.796	3028	3034	3037	rBV	176	198	0.03%	0.003%
73	11.185	3144	3155	3176	rBV	428621	650971	85.45%	10.649%
74	11.500	3248	3253	3254	rBV2	167	152	0.02%	0.002%
75	11.561	3259	3272	3296	rBV	364925	572934	75.21%	9.372%
76	11.831	3353	3356	3359	rBV	184	116	0.02%	0.002%

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ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DCMQ2

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	12.156	3452	3457	3459	rBV2	166	143	0.02%	0.002%
78	12.201	3468	3471	3479	rVB2	276	279	0.04%	0.005%
79	12.513	3564	3568	3570	rBV2	121	100	0.01%	0.002%
80	12.561	3578	3583	3585	rBV2	106	112	0.01%	0.002%
81	12.609	3594	3598	3600	rBV	233	202	0.03%	0.003%
82	13.098	3747	3750	3752	rBV	173	99	0.01%	0.002%
83	13.458	3859	3862	3863	rBV	222	124	0.02%	0.002%
84	13.477	3865	3868	3871	rVV2	241	190	0.02%	0.003%
85	13.796	3965	3967	3969	rBV	196	104	0.01%	0.002%
86	13.837	3977	3980	3983	rBV2	247	160	0.02%	0.003%
87	13.927	4005	4008	4011	rBV2	176	137	0.02%	0.002%
88	14.056	4045	4048	4051	rVB2	194	116	0.02%	0.002%
89	14.098	4057	4061	4063	rBV2	160	106	0.01%	0.002%
90	14.143	4072	4075	4079	rBV	131	122	0.02%	0.002%
91	14.175	4083	4085	4089	rBV	193	138	0.02%	0.002%
92	14.213	4094	4097	4098	rBV2	251	133	0.02%	0.002%
93	14.329	4129	4133	4135	rBV	226	154	0.02%	0.003%
94	14.349	4135	4139	4143	rVB3	248	199	0.03%	0.003%
95	14.371	4143	4146	4147	rBV	177	108	0.01%	0.002%
96	15.017	4344	4347	4349	rBV	312	222	0.03%	0.004%
97	15.111	4371	4376	4379	rBV3	364	450	0.06%	0.007%
98	15.496	4494	4496	4501	rVB2	531	342	0.04%	0.006%
99	16.024	4658	4660	4664	rVB3	724	389	0.05%	0.006%
100	16.252	4725	4731	4737	rBV8	2967	3732	0.49%	0.061%

Sum of corrected areas: 6113029

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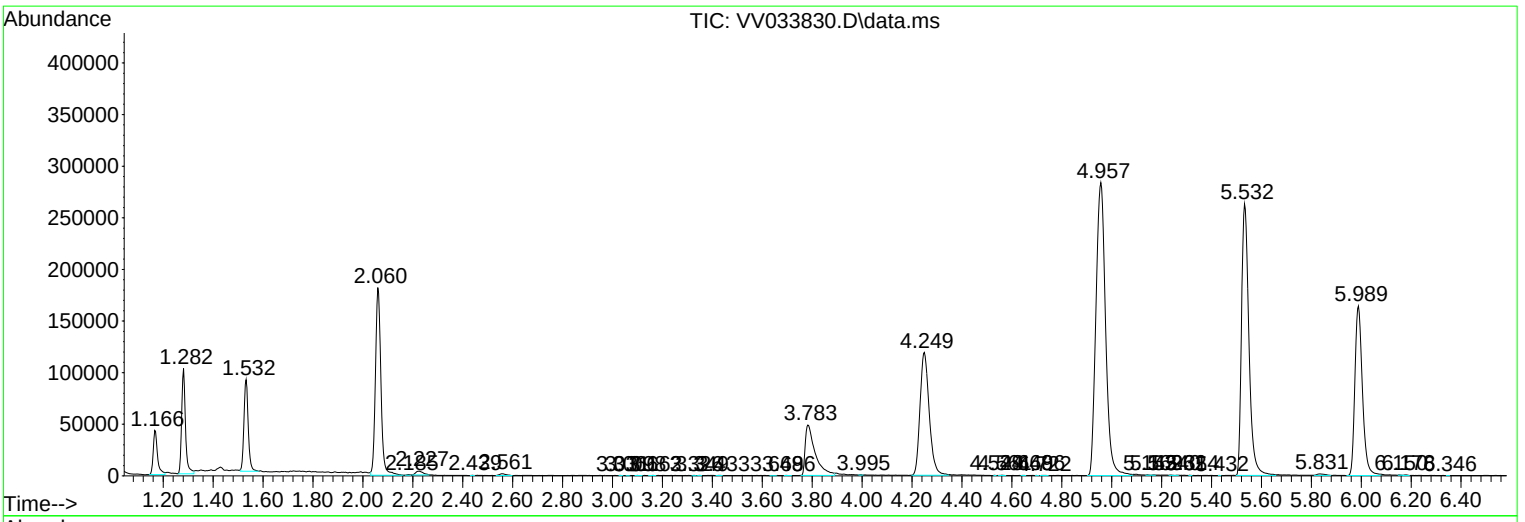
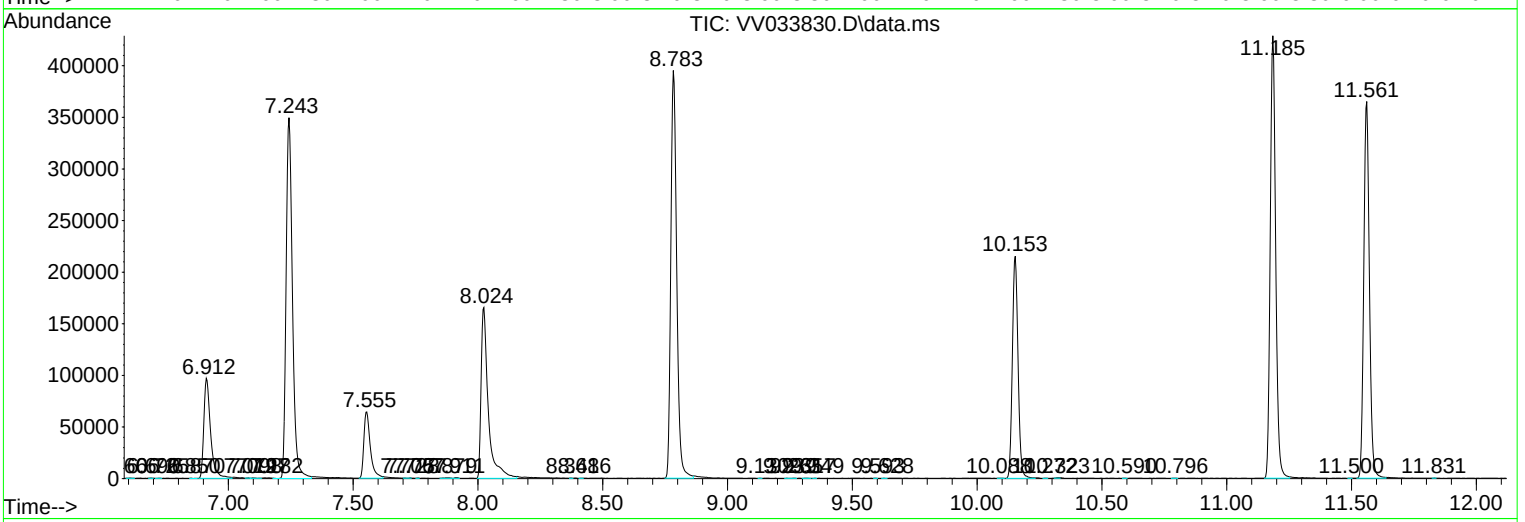
ALS Vial : 17 Sample Multiplier: 1

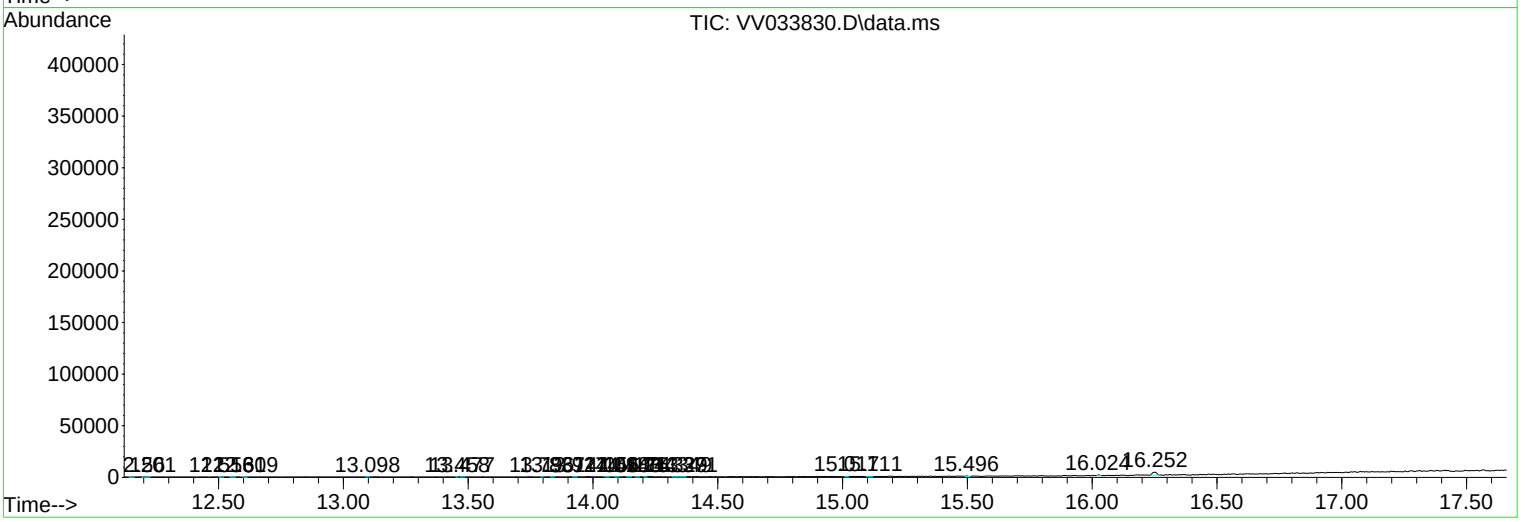
Instrument :
MSVOA_V
ClientSampleId :
DCMQ2

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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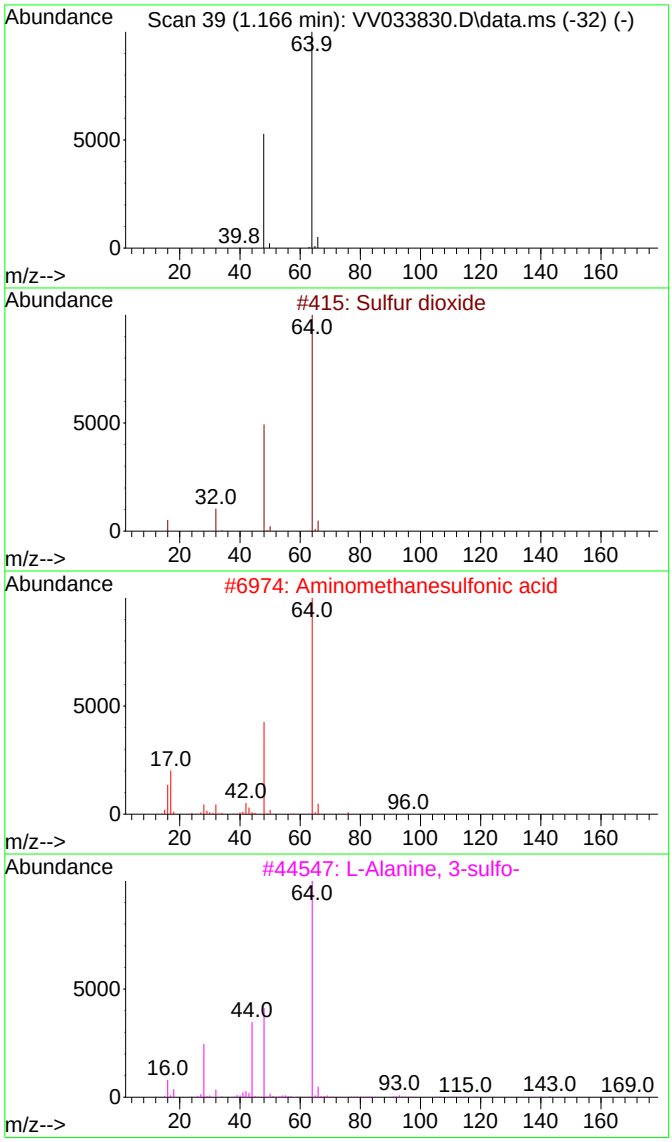
Quant Title : VOC Analysis

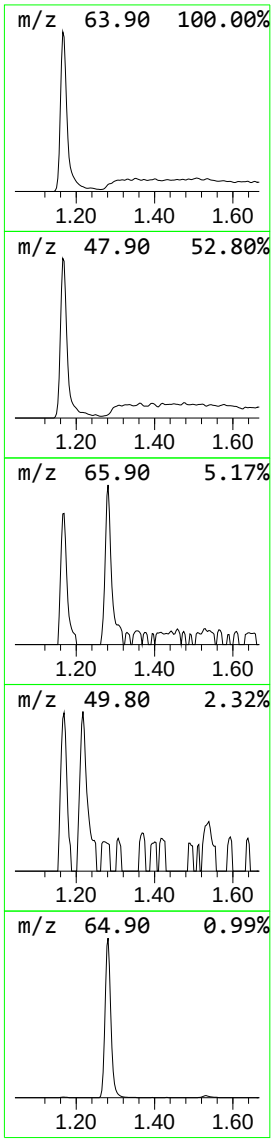
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.166	4.70 ug/L	50943	1,4-Difluorobenzene	5.532

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	64
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	4.7	ug/L	50943	1	5.532	541644	50.0