LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031523\
Data File : VU053209.D
Acq On : 15 Mar 2023 18:37
Operator : JC/MD
Sample : 01929-16
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : EYFE9

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_U\Method\SFAMULM031523WMA.M
Title : VOC Analysis

Signal : TIC: VU053209.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.475	33	42	69	rBV	51949	134346	0.08%	0.055%
2	1.594	73	79	116	rVB2	32737147	54153405	31.27%	22.267%
3	1.912	171	178	198	rVB2	73650	125864	0.07%	0.052%
4	2.581	371	386	443	rBV2	666968	1730363	1.00%	0.711%
5	3.356	610	627	708	rBV	1606618	5850092	3.38%	2.405%
6	3.716	736	739	744	rBV3	309	275	0.00%	0.000%
7	3.748	746	749	754	rVB2	332	238	0.00%	0.000%
8	3.858	767	783	803	rBV3	5269	16472	0.01%	0.007%
9	3.948	809	811	815	rVB2	341	207	0.00%	0.000%
10	3.993	819	825	828	rVB2	291	222	0.00%	0.000%
11	4.086	847	854	858	rBV2	239	221	0.00%	0.000%
12	4.359	934	939	941	rBV2	191	201	0.00%	0.000%
13	4.443	960	965	967	rBV2	232	173	0.00%	0.000%
14	4.539	990	995	996	rBV2	421	306	0.00%	0.000%
15	4.562	996	1002	1009	rBV5	798	1186	0.00%	0.000%
16	4.671	1012	1036	1044	rBV6	59170632	173164659	100.00%	71.201%
17	5.722	1344	1363	1378	rBV2	267776	721577	0.42%	0.297%
18	6.243	1513	1525	1545	rBV	215279	399790	0.23%	0.164%
19	6.536	1601	1616	1638	rBV	1838369	3391375	1.96%	1.394%
20	6.684	1651	1662	1682	rVB	171735	326959	0.19%	0.134%
21	7.259	1839	1841	1844	rBV2	418	273	0.00%	0.000%
22	7.562	1923	1935	1952	rVB	102884	180080	0.10%	0.074%
23	7.787	2000	2005	2019	rBV5	1152	1804	0.00%	0.001%
24	7.893	2026	2038	2054	rBV	348951	591201	0.34%	0.243%
25	8.173	2114	2125	2142	rBV	72509	120385	0.07%	0.049%
26	8.253	2148	2150	2155	rBV3	376	299	0.00%	0.000%
27	8.291	2159	2162	2165	rBV2	378	336	0.00%	0.000%
28	8.404	2189	2197	2204	rVB6	2511	4075	0.00%	0.002%
29	8.484	2214	2222	2233	rVB2	4471	7059	0.00%	0.003%
30	8.629	2255	2267	2294	rBV2	178151	322624	0.19%	0.133%
31	8.767	2303	2310	2324	rVB7	2764	4696	0.00%	0.002%
32	8.967	2370	2372	2379	rBV	326	386	0.00%	0.000%
33	9.015	2385	2387	2390	rVV2	396	234	0.00%	0.000%
34	9.041	2392	2395	2400	rVV3	388	315	0.00%	0.000%
35	9.066	2400	2403	2407	rVV2	302	223	0.00%	0.000%
36	9.095	2408	2412	2420	rVB4	2121	2787	0.00%	0.001%

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ClientSampleId :
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Integration Parameters: LSCINT.P
Integrator: RTE
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Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Title : VOC Analysis

37	9.134	2421	2424	2429	rVB2	318	233	0.00%	0.000%
38	9.172	2429	2436	2440	rBV	210	340	0.00%	0.000%
39	9.282	2461	2470	2481	rBV2	5908	9539	0.01%	0.004%
40	9.410	2498	2510	2529	rBV	306876	504410	0.29%	0.207%
41	9.520	2542	2544	2553	rBV2	248	376	0.00%	0.000%
42	9.578	2553	2562	2564	rBV3	898	1081	0.00%	0.000%
43	9.783	2619	2626	2635	rVB4	2214	2727	0.00%	0.001%
44	9.899	2659	2662	2666	rVB2	279	192	0.00%	0.000%
45	10.063	2709	2713	2715	rBV2	259	180	0.00%	0.000%
46	10.307	2786	2789	2792	rBV	293	270	0.00%	0.000%
47	10.378	2807	2811	2817	rVB3	513	469	0.00%	0.000%
48	10.478	2838	2842	2843	rBV	288	227	0.00%	0.000%
49	10.539	2859	2861	2863	rBV2	267	188	0.00%	0.000%
50	10.574	2863	2872	2881	rVB4	5204	7589	0.00%	0.003%
51	10.751	2914	2927	2948	rVB	218906	352284	0.20%	0.145%
52	10.938	2982	2985	2987	rBV2	295	185	0.00%	0.000%
53	10.970	2993	2995	2998	rBV2	607	406	0.00%	0.000%
54	11.060	3021	3023	3028	rVB2	421	229	0.00%	0.000%
55	11.098	3030	3035	3039	rBV3	312	318	0.00%	0.000%
56	11.201	3061	3067	3073	rVB3	347	506	0.00%	0.000%
57	11.240	3073	3079	3085	rVB2	266	330	0.00%	0.000%
58	11.272	3085	3089	3092	rBV2	185	175	0.00%	0.000%
59	11.369	3117	3119	3123	rVB2	319	192	0.00%	0.000%
60	11.475	3148	3152	3155	rBV	276	248	0.00%	0.000%
61	11.587	3183	3187	3190	rVV2	324	167	0.00%	0.000%
62	11.680	3212	3216	3219	rVB2	290	236	0.00%	0.000%
63	11.697	3219	3221	3223	rBV	363	219	0.00%	0.000%
64	11.806	3243	3255	3273	rBV	343890	534675	0.31%	0.220%
65	11.992	3309	3313	3315	rBV2	367	297	0.00%	0.000%
66	12.066	3326	3336	3347	rBV4	5271	11198	0.01%	0.005%
67	12.188	3361	3374	3393	rBV	313659	505696	0.29%	0.208%
68	12.362	3424	3428	3431	rBV	400	268	0.00%	0.000%
69	12.394	3431	3438	3445	rBV4	4207	5114	0.00%	0.002%
70	12.430	3445	3449	3451	rBV	375	331	0.00%	0.000%
71	12.526	3477	3479	3481	rBV	364	238	0.00%	0.000%
72	12.893	3589	3593	3598	rBV2	302	333	0.00%	0.000%
73	12.947	3606	3610	3613	rVB	230	170	0.00%	0.000%
74	12.989	3617	3623	3626	rBV2	377	264	0.00%	0.000%
75	13.005	3626	3628	3632	rVB2	255	185	0.00%	0.000%
76	13.069	3645	3648	3653	rVB	407	300	0.00%	0.000%

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Instrument :
MSVOA_U
ClientSampleId :
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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 >
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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Title : VOC Analysis

77	13.102	3653	3658	3662	rBV	197	200	0.00%	0.000%
78	13.134	3662	3668	3672	rBV3	774	761	0.00%	0.000%
79	13.192	3683	3686	3691	rVB3	308	246	0.00%	0.000%
80	13.404	3745	3752	3756	rBV3	464	632	0.00%	0.000%
81	13.494	3776	3780	3782	rBV2	323	241	0.00%	0.000%
82	13.584	3805	3808	3815	rVB2	345	345	0.00%	0.000%
83	13.619	3815	3819	3822	rBV2	338	314	0.00%	0.000%
84	13.680	3835	3838	3844	rBV3	369	331	0.00%	0.000%
85	13.716	3845	3849	3850	rBV	301	204	0.00%	0.000%
86	13.934	3915	3917	3920	rVB2	375	185	0.00%	0.000%
87	13.979	3926	3931	3935	rBV4	966	836	0.00%	0.000%
88	14.063	3954	3957	3961	rVB2	304	226	0.00%	0.000%
89	14.092	3961	3966	3971	rBV3	808	1022	0.00%	0.000%
90	14.221	4003	4006	4011	rVB3	341	280	0.00%	0.000%
91	14.249	4011	4015	4020	rVB2	352	235	0.00%	0.000%
92	14.285	4022	4026	4027	rBV	327	176	0.00%	0.000%
93	14.304	4030	4032	4035	rVB2	396	210	0.00%	0.000%
94	14.327	4035	4039	4041	rBV	637	464	0.00%	0.000%
95	14.494	4089	4091	4096	rVB2	315	177	0.00%	0.000%
96	14.751	4168	4171	4173	rBV	414	197	0.00%	0.000%
97	14.873	4206	4209	4212	rBV	409	257	0.00%	0.000%
98	14.976	4240	4241	4245	rVB	368	170	0.00%	0.000%
99	15.002	4245	4249	4252	rBV2	404	379	0.00%	0.000%
100	15.156	4294	4297	4299	rBV2	335	265	0.00%	0.000%

Sum of corrected areas: 243205446

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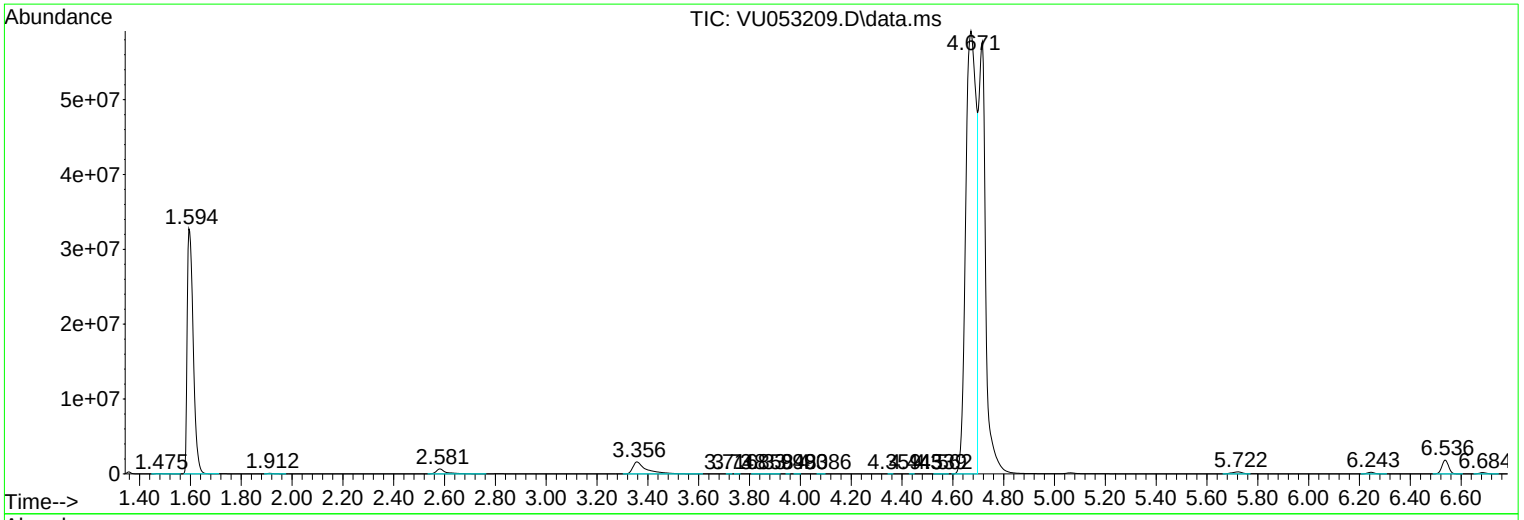
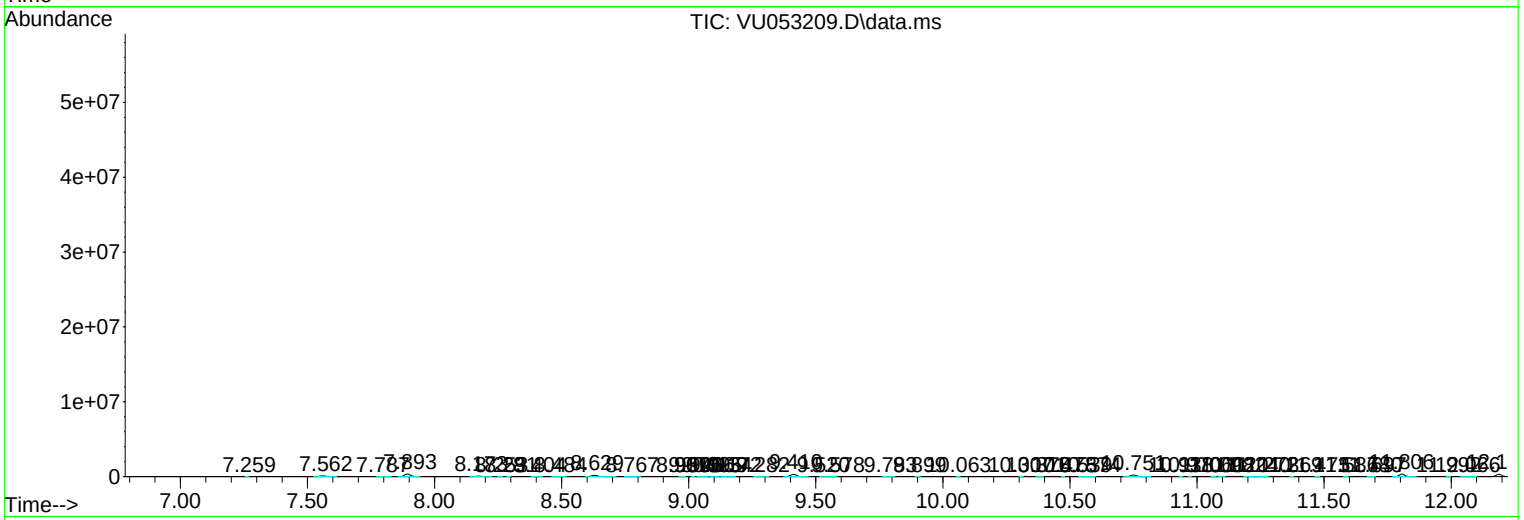
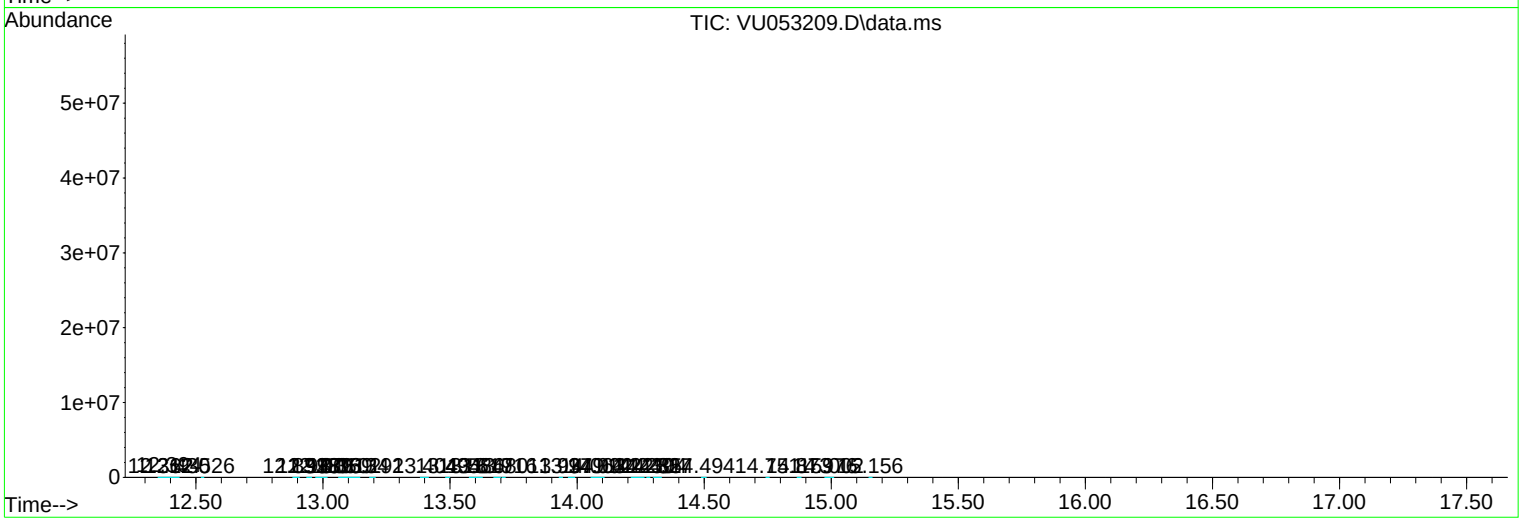
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

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







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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis

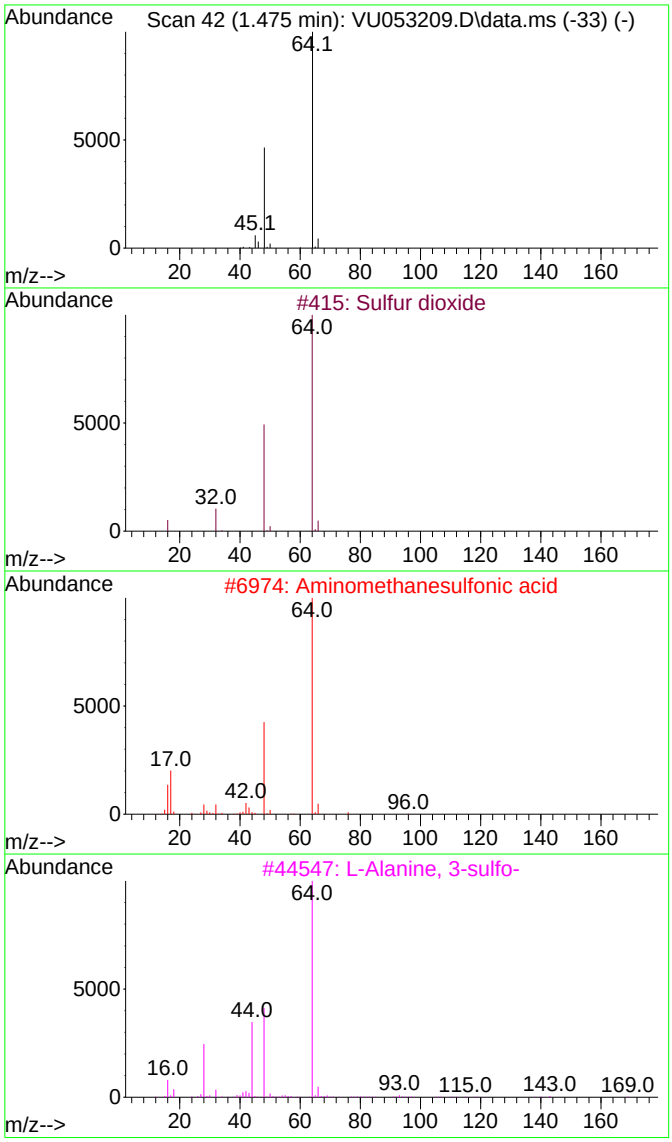
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

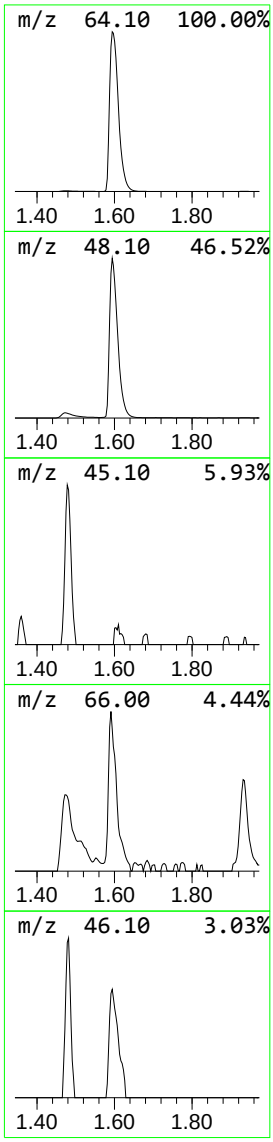
****

Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.475	16.80 ug/L	134346	1,4-Difluorobenzene	6.243

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	Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	5
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	1.475	16.8	ug/L	134346	1	6.243	399790	50.0