LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
Data File : VV036165.D
Acq On : 20 Jun 2024 15:52
Operator : SY/MD
Sample : P2856-20
Misc : 3.10g/10.0mL/MSVOA_V/SOIL/B
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SJ6

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\SFAMVLM053024SMA.M
Title : VOC Analysis

Signal : TIC: VV036165.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.272	66	72	90	rVB	230817	249804	17.73%	2.502%
2	1.526	145	151	167	rVB	187064	219152	15.55%	2.195%
3	2.050	305	314	332	rVB	397529	567993	40.31%	5.690%
4	2.442	427	436	450	rVB	67828	113181	8.03%	1.134%
5	2.960	590	597	615	rVB2	15033	29328	2.08%	0.294%
6	3.105	635	642	645	rBV4	418	477	0.03%	0.005%
7	3.130	648	650	656	rVB3	354	306	0.02%	0.003%
8	3.159	656	659	661	rBV2	395	210	0.01%	0.002%
9	3.201	670	672	674	rBV2	332	186	0.01%	0.002%
10	3.269	688	693	695	rBV3	346	321	0.02%	0.003%
11	3.301	700	703	707	rBV2	353	311	0.02%	0.003%
12	3.388	726	730	731	rVV2	498	293	0.02%	0.003%
13	3.400	732	734	738	rVB2	277	157	0.01%	0.002%
14	3.429	738	743	744	rBV	361	239	0.02%	0.002%
15	3.497	760	764	767	rBV2	412	347	0.02%	0.003%
16	3.535	773	776	781	rBV2	218	174	0.01%	0.002%
17	3.709	825	830	832	rBV2	287	251	0.02%	0.003%
18	3.754	841	844	848	rBV3	424	312	0.02%	0.003%
19	3.777	848	851	852	rBV	338	208	0.01%	0.002%
20	3.834	852	869	912	rBV3	70628	318800	22.62%	3.194%
21	4.243	982	996	1026	rBV	230473	597929	42.43%	5.990%
22	4.632	1114	1117	1120	rBV3	339	268	0.02%	0.003%
23	4.748	1150	1153	1157	rBV2	453	417	0.03%	0.004%
24	4.783	1162	1164	1167	rBV2	254	138	0.01%	0.001%
25	4.802	1167	1170	1172	rBV2	314	172	0.01%	0.002%
26	4.818	1172	1175	1179	rVV4	371	289	0.02%	0.003%
27	4.860	1185	1188	1190	rBV	271	156	0.01%	0.002%
28	4.895	1196	1199	1201	rBV3	513	340	0.02%	0.003%
29	4.950	1201	1216	1254	rBV2	548715	1409159	100.00%	14.116%
30	5.236	1303	1305	1308	rBV2	547	303	0.02%	0.003%
31	5.320	1329	1331	1334	rBV4	530	307	0.02%	0.003%
32	5.452	1366	1372	1376	rBV4	683	706	0.05%	0.007%
33	5.474	1376	1379	1383	rBV4	428	340	0.02%	0.003%
34	5.532	1386	1397	1431	rBV	340573	735832	52.22%	7.371%
35	5.828	1478	1489	1509	rBV2	23984	54291	3.85%	0.544%
36	5.985	1525	1538	1569	rBV	326661	678821	48.17%	6.800%

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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0SJ6

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\SFAMVLM053024SMA.M
Title : VOC Analysis

37	6.275	1625	1628	1629	rBV	481	192	0.01%	0.002%
38	6.349	1647	1651	1654	rVB3	515	390	0.03%	0.004%
39	6.381	1659	1661	1664	rBV2	350	188	0.01%	0.002%
40	6.452	1680	1683	1684	rVB	340	156	0.01%	0.002%
41	6.471	1685	1689	1691	rBV	288	215	0.02%	0.002%
42	6.522	1703	1705	1708	rVB4	467	202	0.01%	0.002%
43	6.580	1721	1723	1725	rBV	241	137	0.01%	0.001%
44	6.651	1740	1745	1747	rBV3	311	236	0.02%	0.002%
45	6.725	1763	1768	1771	rVB3	426	338	0.02%	0.003%
46	6.786	1782	1787	1789	rBV	558	321	0.02%	0.003%
47	6.812	1792	1795	1800	rVB3	443	388	0.03%	0.004%
48	6.834	1800	1802	1803	rBV	295	150	0.01%	0.002%
49	6.873	1810	1814	1816	rBV2	258	195	0.01%	0.002%
50	6.911	1816	1826	1859	rBV	140916	282376	20.04%	2.829%
51	7.175	1907	1908	1909	rBV	437	118	0.01%	0.001%
52	7.239	1918	1928	1964	rBV	580462	1055707	74.92%	10.576%
53	7.555	2016	2026	2051	rBV	94357	185322	13.15%	1.856%
54	8.030	2165	2174	2203	rBV	97451	218159	15.48%	2.185%
55	8.362	2270	2277	2295	rVB2	17911	31051	2.20%	0.311%
56	8.458	2305	2307	2312	rBV4	465	350	0.02%	0.004%
57	8.545	2332	2334	2337	rBV	453	240	0.02%	0.002%
58	8.625	2356	2359	2361	rBV2	255	206	0.01%	0.002%
59	8.783	2397	2408	2446	rBV	586801	978746	69.46%	9.805%
60	9.146	2519	2521	2524	rBV4	686	441	0.03%	0.004%
61	9.246	2551	2552	2556	rVB	455	231	0.02%	0.002%
62	9.265	2556	2558	2560	rBV	344	192	0.01%	0.002%
63	9.426	2604	2608	2612	rBV3	546	462	0.03%	0.005%
64	9.468	2619	2621	2623	rBV3	304	139	0.01%	0.001%
65	9.516	2631	2636	2639	rBV	353	308	0.02%	0.003%
66	9.567	2649	2652	2654	rBV2	390	251	0.02%	0.003%
67	9.619	2665	2668	2670	rBV	275	158	0.01%	0.002%
68	9.641	2670	2675	2678	rVV3	587	469	0.03%	0.005%
69	9.657	2678	2680	2684	rVB2	384	213	0.02%	0.002%
70	9.744	2703	2707	2708	rBV2	317	193	0.01%	0.002%
71	9.860	2740	2743	2745	rVB2	424	189	0.01%	0.002%
72	9.921	2759	2762	2763	rBV	282	168	0.01%	0.002%
73	9.950	2769	2771	2772	rBV	270	124	0.01%	0.001%
74	10.066	2803	2807	2810	rBV3	442	313	0.02%	0.003%
75	10.153	2822	2834	2856	rBV	238473	395949	28.10%	3.966%
76	10.326	2879	2888	2898	rVB3	7758	12101	0.86%	0.121%

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Instrument :
MSVOA_V
ClientSampleId :
C0SJ6

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\SFAMVLM053024SMA.M
Title : VOC Analysis

77	10.432	2919	2921	2923	rBV2	476	239	0.02%	0.002%
78	10.516	2945	2947	2957	rVB5	835	786	0.06%	0.008%
79	10.683	2997	2999	3002	rBV	482	343	0.02%	0.003%
80	10.715	3002	3009	3017	rBV7	3224	6035	0.43%	0.060%
81	10.799	3033	3035	3036	rBV7	375	143	0.01%	0.001%
82	10.850	3047	3051	3052	rBV	563	405	0.03%	0.004%
83	10.943	3074	3080	3083	rBV2	352	325	0.02%	0.003%
84	10.960	3083	3085	3087	rBV2	369	182	0.01%	0.002%
85	11.021	3101	3104	3107	rBV2	357	304	0.02%	0.003%
86	11.079	3118	3122	3124	rBV2	724	580	0.04%	0.006%
87	11.127	3132	3137	3144	rBV4	2315	2790	0.20%	0.028%
88	11.185	3144	3155	3183	rBV	527356	842847	59.81%	8.443%
89	11.497	3244	3252	3259	rBV6	7332	13496	0.96%	0.135%
90	11.558	3261	3271	3298	rVB	574621	919538	65.25%	9.212%
91	11.841	3356	3359	3360	rBV3	951	616	0.04%	0.006%
92	11.905	3377	3379	3380	rBV	491	179	0.01%	0.002%
93	12.120	3443	3446	3449	rVB3	565	298	0.02%	0.003%
94	12.194	3462	3469	3479	rVB2	7618	11847	0.84%	0.119%
95	12.300	3494	3502	3506	rBV8	3157	4687	0.33%	0.047%
96	13.066	3738	3740	3741	rBV2	483	189	0.01%	0.002%
97	13.107	3751	3753	3757	rVB2	544	253	0.02%	0.003%
98	13.233	3789	3792	3797	rVB2	716	383	0.03%	0.004%
99	13.368	3830	3834	3837	rBV3	654	604	0.04%	0.006%
100	13.683	3924	3932	3943	rVB2	18245	26497	1.88%	0.265%

Sum of corrected areas: 9982368

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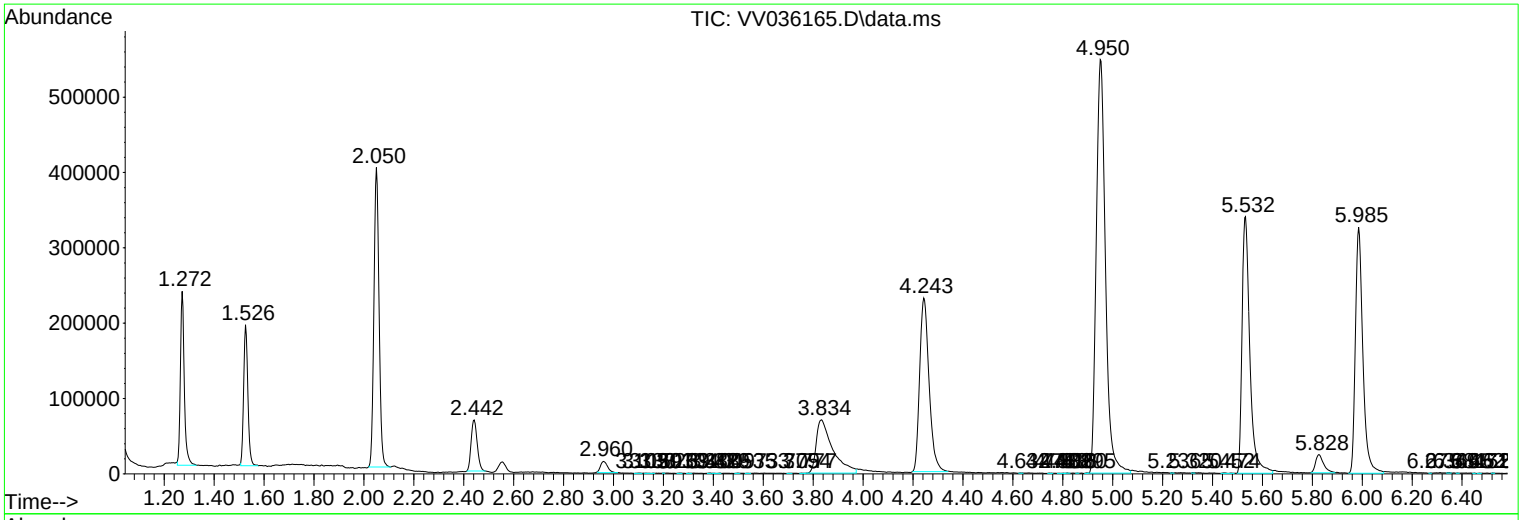
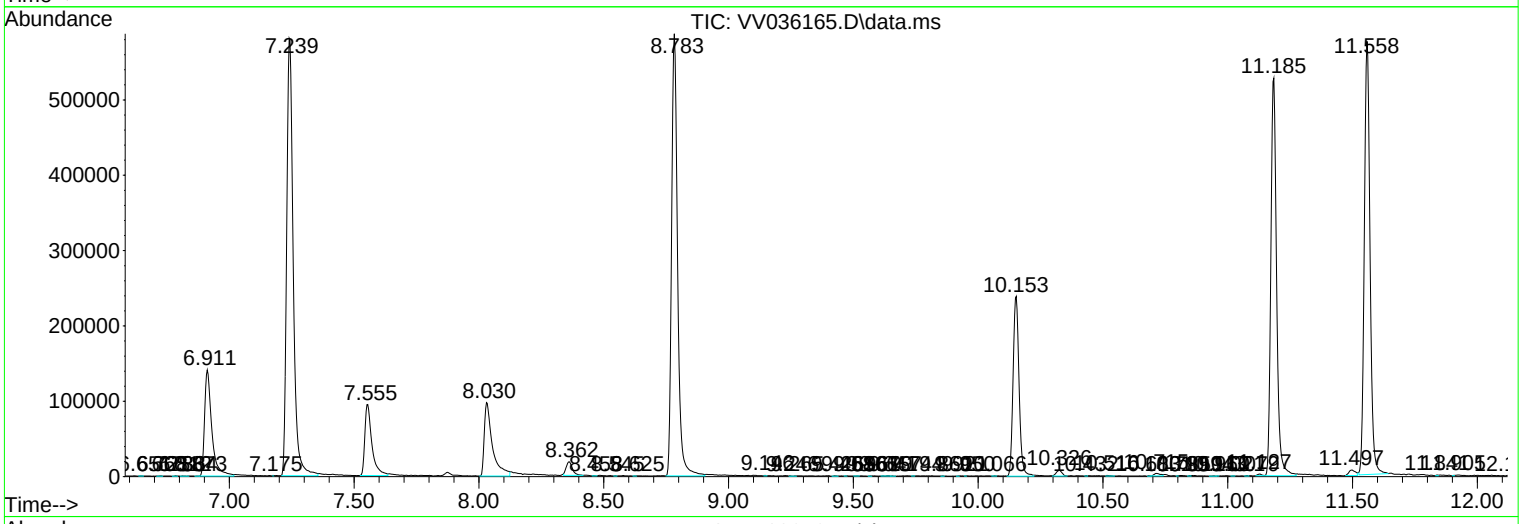
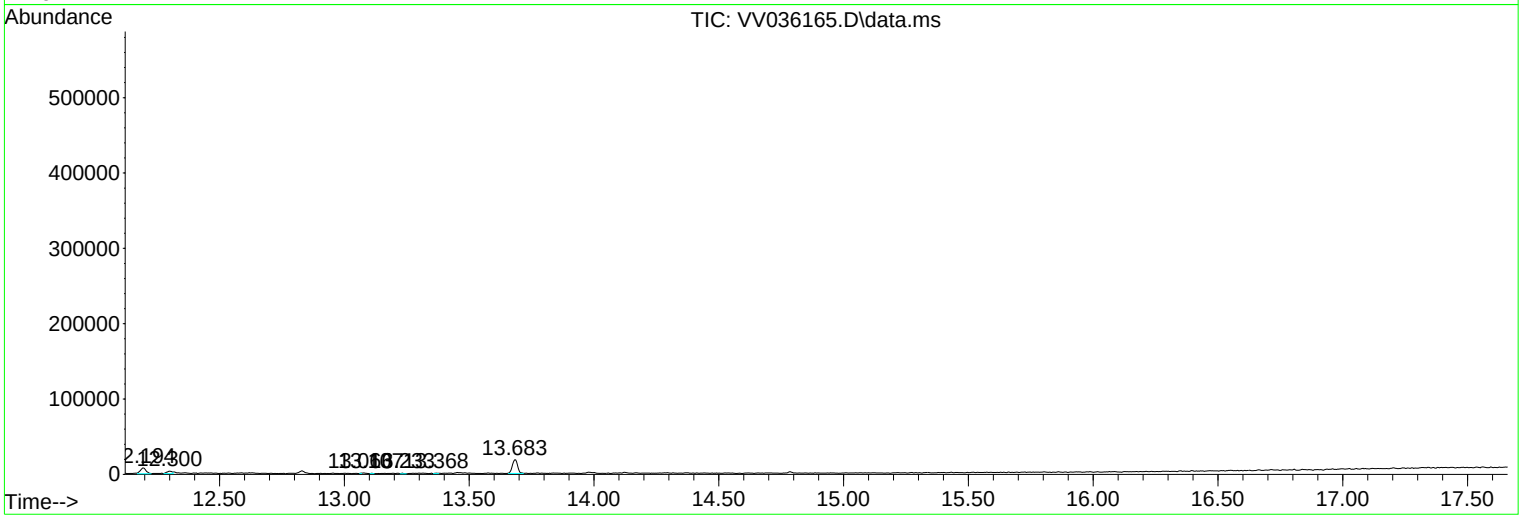
ClientSampleId :
C0SJ6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

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







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ClientSampleId :
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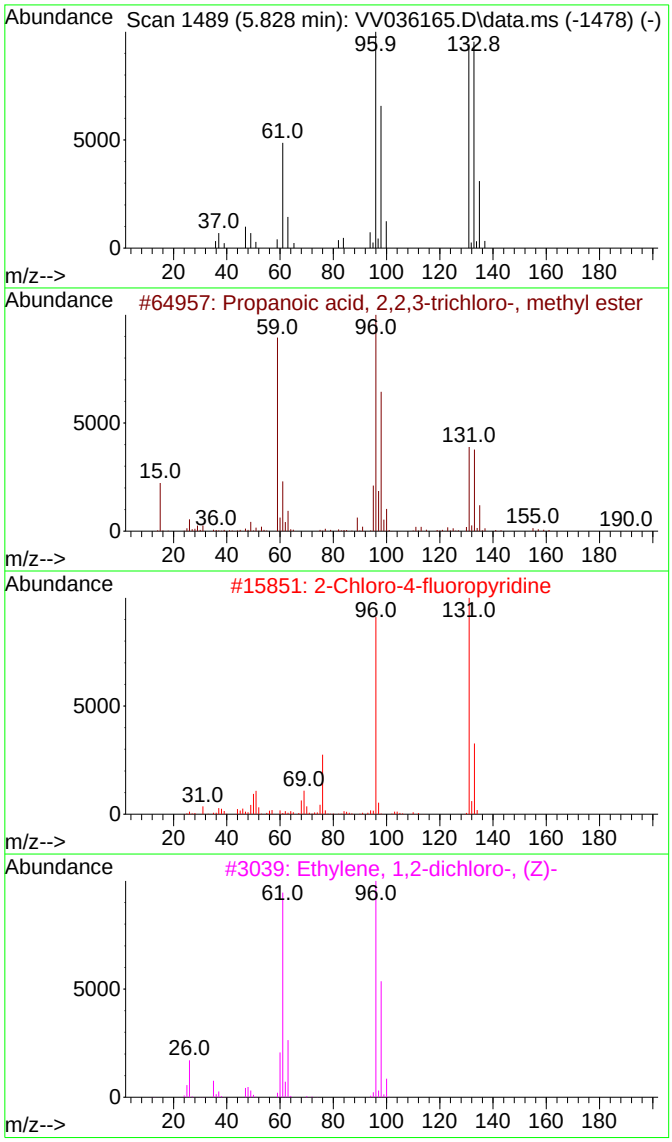
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis

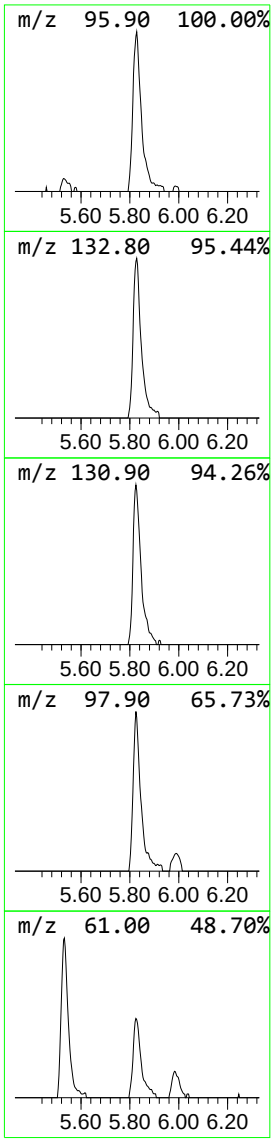
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propanoic acid, 2,2,3-trich... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.828	1.84 ug/L	54291	1,4-Difluorobenzene	5.532

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2,2,3-trichloro-...	190	C4H5Cl3O2	004749-35-3	56
2	2-Chloro-4-fluoropyridine	131	C5H3ClFN	1000484-44-8	38
3	Ethylene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	38
4	4-Chloro-3-fluoropyridine	131	C5H3ClFN	002546-56-7	32
5	Dihydro-4,5-dichloro-2(3H)furanone	154	C4H4Cl2O2	114434-99-0	25





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
Propanoic acid,...	5.828	1.8	ug/L	54291	1	5.532	735832	25.0