LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052423\
Data File : VV031210.D
Acq On : 24 May 2023 13:11
Operator : SY/MD
Sample : 02865-12
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : GBX67

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\SFAMVLM051923WMA.M
Title : VOC Analysis

Signal : TIC: VV031210.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.285	69	76	90	rVB	99322	114193	15.32%	1.941%
2	1.355	94	98	111	rVB	19313	23292	3.12%	0.396%
3	1.535	148	154	164	rBV	102782	121067	16.24%	2.058%
4	2.063	310	318	329	rBV	196250	281134	37.72%	4.778%
5	2.346	404	406	407	rBV2	1094	387	0.05%	0.007%
6	2.391	419	420	421	rBV	1334	461	0.06%	0.008%
7	2.561	470	473	475	rBV3	1747	1100	0.15%	0.019%
8	2.687	508	512	514	rBV5	2046	1676	0.22%	0.028%
9	2.809	548	550	551	rBV2	1150	326	0.04%	0.006%
10	2.831	555	557	564	rVB7	1614	1092	0.15%	0.019%
11	2.879	569	572	574	rBV4	2033	1542	0.21%	0.026%
12	2.918	580	584	587	rBV6	1635	1456	0.20%	0.025%
13	2.944	590	592	594	rBV2	1664	705	0.09%	0.012%
14	3.060	625	628	631	rBV4	1907	1281	0.17%	0.022%
15	3.092	637	638	640	rBV2	1496	804	0.11%	0.014%
16	3.426	740	742	745	rBV4	1799	1401	0.19%	0.024%
17	3.593	785	794	797	rBV4	2292	3252	0.44%	0.055%
18	3.722	833	834	835	rBV	1585	327	0.04%	0.006%
19	3.799	849	858	884	rBV	55455	161078	21.61%	2.738%
20	4.259	989	1001	1021	rVB2	127008	310867	41.71%	5.283%
21	4.519	1080	1082	1085	rBV4	2193	1264	0.17%	0.021%
22	4.612	1107	1111	1113	rBV4	1380	1066	0.14%	0.018%
23	4.767	1154	1159	1163	rBV7	2365	2174	0.29%	0.037%
24	4.783	1163	1164	1167	rBV3	1682	1122	0.15%	0.019%
25	4.966	1205	1221	1240	rBV2	280622	745375	100.00%	12.668%
26	5.368	1342	1346	1348	rBV5	1702	1083	0.15%	0.018%
27	5.542	1388	1400	1417	rBV	215794	441346	59.21%	7.501%
28	5.995	1527	1541	1565	rBV2	170933	358704	48.12%	6.096%
29	6.426	1672	1675	1676	rBV3	2857	1278	0.17%	0.022%
30	6.503	1695	1699	1700	rBV5	1423	997	0.13%	0.017%
31	6.542	1708	1711	1713	rBV4	1601	915	0.12%	0.016%
32	6.918	1820	1828	1845	rVB2	83037	149451	20.05%	2.540%
33	7.091	1880	1882	1884	rBV3	2286	1180	0.16%	0.020%
34	7.249	1921	1931	1948	rBV	317723	557814	74.84%	9.480%
35	7.558	2019	2027	2040	rBV	63776	111709	14.99%	1.899%
36	7.850	2115	2118	2121	rBV5	2312	1795	0.24%	0.031%

LSC Area Percent Report

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Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GBX67

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
Title : VOC Analysis

37	7.966	2150	2154	2156	rBV4	2114	1911	0.26%	0.032%
38	8.034	2166	2175	2189	rBV	186766	352739	47.32%	5.995%
39	8.651	2365	2367	2369	rVB3	2385	787	0.11%	0.013%
40	8.731	2390	2392	2395	rVB4	1560	623	0.08%	0.011%
41	8.789	2400	2410	2427	rVV	342540	568874	76.32%	9.668%
42	9.175	2528	2530	2533	rBV4	1518	646	0.09%	0.011%
43	9.191	2533	2535	2538	rVB4	2093	1040	0.14%	0.018%
44	9.265	2555	2558	2560	rBV3	1507	704	0.09%	0.012%
45	9.278	2560	2562	2566	rBV6	1725	1274	0.17%	0.022%
46	9.461	2618	2619	2621	rBV2	1404	602	0.08%	0.010%
47	9.792	2720	2722	2723	rBV2	1631	815	0.11%	0.014%
48	9.828	2729	2733	2735	rBV5	2509	1983	0.27%	0.034%
49	10.159	2824	2836	2855	rBV	251411	403916	54.19%	6.865%
50	10.288	2873	2876	2879	rBV5	2332	1447	0.19%	0.025%
51	10.509	2941	2945	2948	rBV5	2328	2124	0.28%	0.036%
52	10.709	3005	3007	3010	rBV3	1190	629	0.08%	0.011%
53	10.725	3010	3012	3013	rBV2	1735	620	0.08%	0.011%
54	10.828	3043	3044	3049	rVB5	2373	1849	0.25%	0.031%
55	10.857	3049	3053	3054	rBV4	2690	2051	0.28%	0.035%
56	10.972	3087	3089	3092	rBV3	1491	791	0.11%	0.013%
57	11.191	3146	3157	3173	rBV	349748	552125	74.07%	9.384%
58	11.567	3264	3274	3292	rVB	360284	566112	75.95%	9.621%
59	12.104	3439	3441	3445	rVB5	1812	726	0.10%	0.012%
60	12.152	3452	3456	3457	rBV3	1543	1092	0.15%	0.019%
61	12.426	3537	3541	3542	rBV4	1663	1402	0.19%	0.024%
62	12.455	3547	3550	3551	rBV3	1818	933	0.13%	0.016%
63	12.570	3584	3586	3591	rBV5	1447	1209	0.16%	0.021%
64	12.593	3591	3593	3595	rBV3	1436	766	0.10%	0.013%
65	13.307	3813	3815	3817	rVB3	1521	648	0.09%	0.011%
66	13.664	3924	3926	3929	rBV4	1572	831	0.11%	0.014%
67	13.709	3938	3940	3942	rBV3	1254	422	0.06%	0.007%
68	13.799	3963	3968	3972	rBV7	2603	3230	0.43%	0.055%
69	14.033	4039	4041	4042	rBV2	1508	683	0.09%	0.012%
70	14.435	4165	4166	4168	rBV2	1451	688	0.09%	0.012%
71	14.548	4199	4201	4207	rBV6	2182	1418	0.19%	0.024%
72	14.921	4315	4317	4320	rBV4	2830	1540	0.21%	0.026%

Sum of corrected areas: 5883964

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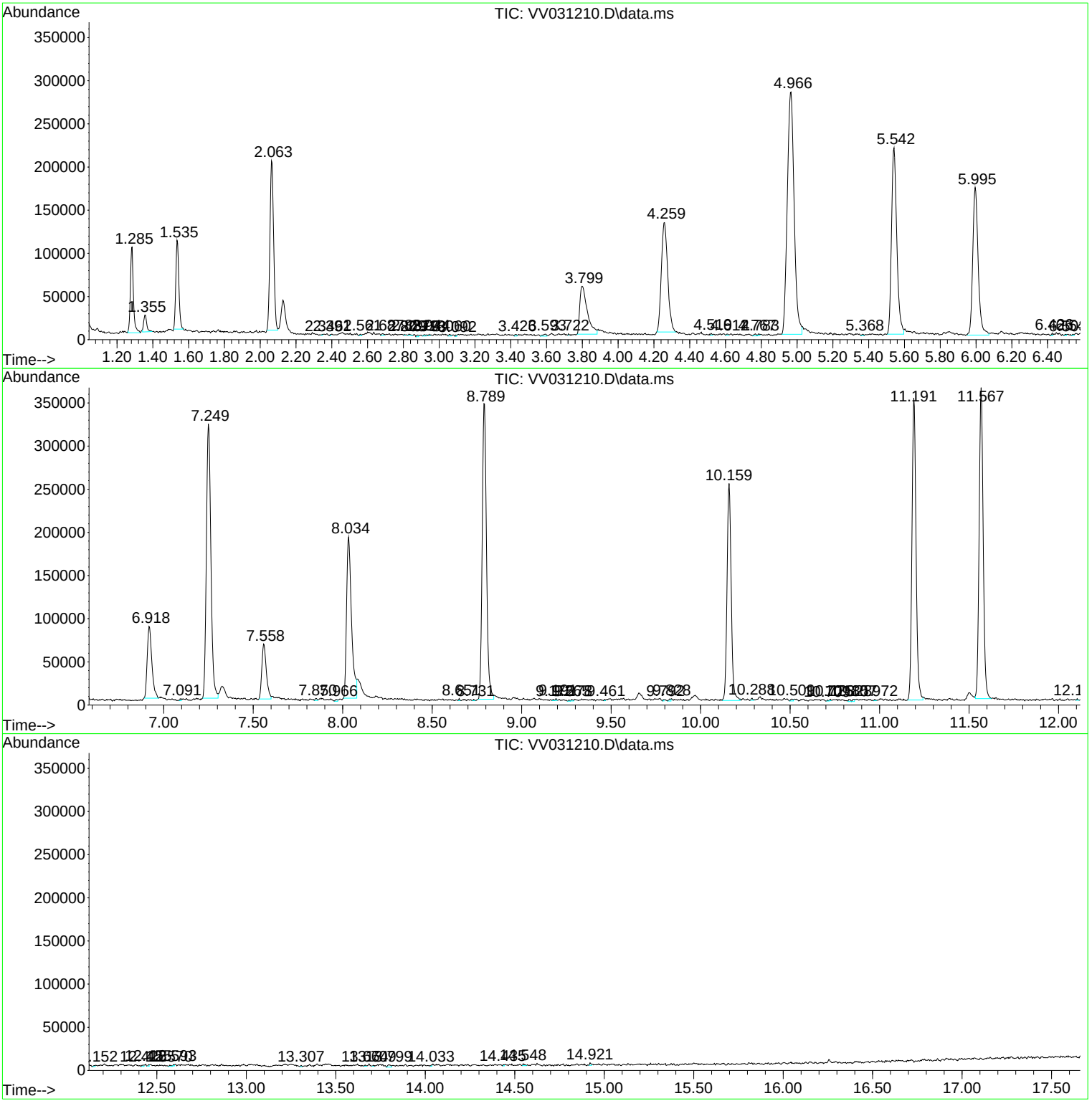
ClientSampleId :
GBX67

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.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

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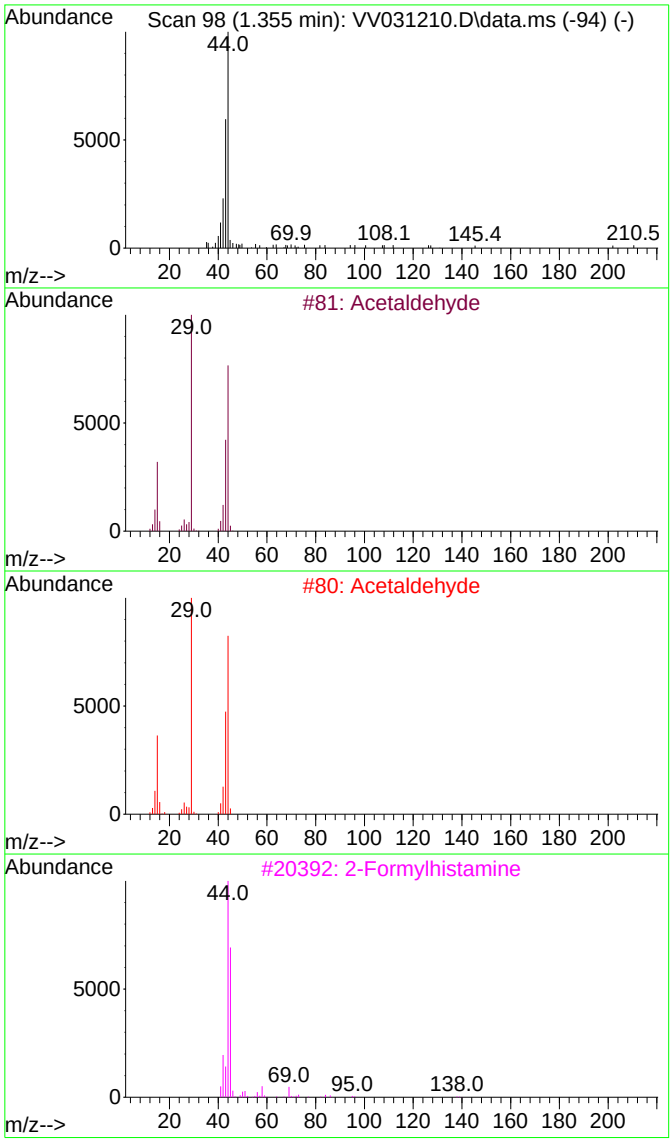
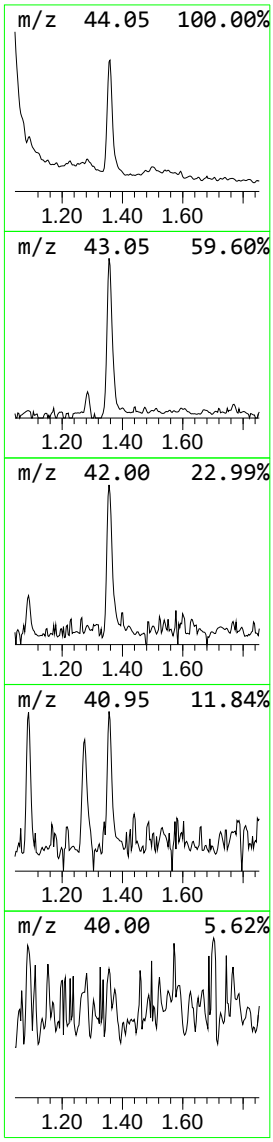
Peak Number 1 Acetaldehyde Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.355	2.64 ug/L	23292	1,4-Difluorobenzene	5.542

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	50
2	Acetaldehyde	44	C2H4O	000075-07-0	50
3	2-Formylhistamine	139	C6H9N3O	1000132-95-8	43
4	Cystine	240	C6H12N2O4S2	000056-89-3	43
5	1,2,5-Oxadiazol-3-carboxamide, 4...	284	C6H4N8O6	1000294-17-4	39





Tentatively Identified Compound (LSC) summary

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Instrument :
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM051923WMA.M
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
Acetaldehyde	1.355	2.6	ug/L	23292	1	5.542	441346	50.0