LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040323\
Data File : VU053547.D
Acq On : 04 Apr 2023 02:43
Operator : JC/MD
Sample : 02158-27
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DUP-1(20230328)

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\SFAMULM033123WMA.M
Title : VOC Analysis

Signal : TIC: VU053547.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.491	40	47	69	rVB	336186	351515	39.52%	4.619%
2	1.597	73	80	92	rVB	124263	137257	15.43%	1.804%
3	1.909	169	177	193	rVB	98541	134558	15.13%	1.768%
4	2.565	369	381	397	rBV	188851	307820	34.61%	4.045%
5	2.938	495	497	499	rVB	277	115	0.01%	0.002%
6	2.951	499	501	504	rBV	354	208	0.02%	0.003%
7	2.986	509	512	517	rBV	385	329	0.04%	0.004%
8	3.012	517	520	523	rVB	426	251	0.03%	0.003%
9	3.038	523	528	529	rBV3	715	643	0.07%	0.008%
10	3.298	604	609	613	rBV2	240	234	0.03%	0.003%
11	3.404	639	642	647	rVB2	400	362	0.04%	0.005%
12	3.433	648	651	654	rBV	301	237	0.03%	0.003%
13	3.498	668	671	673	rBV2	262	157	0.02%	0.002%
14	3.613	703	707	708	rBV2	200	130	0.01%	0.002%
15	3.684	728	729	732	rVB	198	94	0.01%	0.001%
16	3.703	732	735	738	rBV2	432	346	0.04%	0.005%
17	4.070	847	849	850	rBV	157	87	0.01%	0.001%
18	4.192	886	887	888	rBV	162	43	0.00%	0.001%
19	4.469	970	973	976	rBV	224	147	0.02%	0.002%
20	4.613	1006	1018	1051	rBV	68493	182214	20.49%	2.395%
21	4.948	1119	1122	1125	rBV	313	270	0.03%	0.004%
22	5.057	1141	1156	1176	rBV	160374	359285	40.40%	4.721%
23	5.279	1222	1225	1226	rBV	327	161	0.02%	0.002%
24	5.289	1226	1228	1233	rVB2	555	355	0.04%	0.005%
25	5.440	1271	1275	1278	rBV	290	240	0.03%	0.003%
26	5.530	1300	1303	1307	rBV2	222	200	0.02%	0.003%
27	5.600	1319	1325	1327	rBV	407	389	0.04%	0.005%
28	5.645	1338	1339	1340	rBV	217	77	0.01%	0.001%
29	5.719	1341	1362	1390	rVV2	319847	889404	100.00%	11.688%
30	5.999	1447	1449	1452	rBV2	186	124	0.01%	0.002%
31	6.047	1462	1464	1467	rBV2	277	146	0.02%	0.002%
32	6.067	1467	1470	1472	rVV	226	109	0.01%	0.001%
33	6.083	1473	1475	1478	rVV	228	122	0.01%	0.002%
34	6.118	1482	1486	1489	rBV3	400	370	0.04%	0.005%
35	6.243	1512	1525	1548	rBV	308003	585011	65.78%	7.688%
36	6.452	1589	1590	1591	rBV	193	55	0.01%	0.001%

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Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Title : VOC Analysis

37	6.533	1604	1615	1627	rVB7	11203	22857	2.57%	0.300%
38	6.620	1639	1642	1645	rBV	246	153	0.02%	0.002%
39	6.639	1646	1648	1649	rBV	130	33	0.00%	0.000%
40	6.684	1649	1662	1683	rBV	204687	398881	44.85%	5.242%
41	6.909	1728	1732	1734	rBV	297	211	0.02%	0.003%
42	7.050	1774	1776	1780	rBV	190	74	0.01%	0.001%
43	7.163	1806	1811	1812	rBV	311	209	0.02%	0.003%
44	7.176	1812	1815	1818	rBV	344	278	0.03%	0.004%
45	7.218	1827	1828	1833	rVB	177	62	0.01%	0.001%
46	7.292	1849	1851	1855	rVB2	305	205	0.02%	0.003%
47	7.378	1876	1878	1881	rBV	182	75	0.01%	0.001%
48	7.494	1911	1914	1917	rBV	232	199	0.02%	0.003%
49	7.562	1923	1935	1958	rBV	111942	198608	22.33%	2.610%
50	7.713	1980	1982	1986	rBV	201	104	0.01%	0.001%
51	7.732	1986	1988	1990	rBV	287	123	0.01%	0.002%
52	7.787	2002	2005	2009	rBV2	285	251	0.03%	0.003%
53	7.893	2025	2038	2056	rBV	422583	732557	82.36%	9.627%
54	8.176	2113	2126	2145	rBV	79194	135820	15.27%	1.785%
55	8.340	2175	2177	2180	rBV2	187	106	0.01%	0.001%
56	8.449	2210	2211	2212	rBV2	204	46	0.01%	0.001%
57	8.459	2212	2214	2216	rBV	395	235	0.03%	0.003%
58	8.549	2233	2242	2250	rBV6	5247	8712	0.98%	0.114%
59	8.626	2255	2266	2294	rBV	210135	396999	44.64%	5.217%
60	8.870	2339	2342	2347	rVB2	276	265	0.03%	0.003%
61	8.928	2358	2360	2363	rBV	209	99	0.01%	0.001%
62	9.047	2394	2397	2402	rVB	242	194	0.02%	0.003%
63	9.166	2432	2434	2439	rVB2	403	260	0.03%	0.003%
64	9.359	2489	2494	2498	rBV	281	283	0.03%	0.004%
65	9.414	2498	2511	2538	rBV	419033	708715	79.68%	9.313%
66	9.616	2572	2574	2582	rVB	222	181	0.02%	0.002%
67	9.645	2582	2583	2584	rBV	146	49	0.01%	0.001%
68	9.681	2591	2594	2596	rBV	420	302	0.03%	0.004%
69	9.819	2635	2637	2640	rBV	175	59	0.01%	0.001%
70	9.848	2644	2646	2648	rVV	265	103	0.01%	0.001%
71	9.925	2667	2670	2671	rBV	132	57	0.01%	0.001%
72	10.021	2699	2700	2701	rBV	123	37	0.00%	0.000%
73	10.150	2737	2740	2742	rBV	323	199	0.02%	0.003%
74	10.253	2770	2772	2775	rBV2	206	117	0.01%	0.002%
75	10.272	2775	2778	2782	rBV	267	245	0.03%	0.003%
76	10.478	2839	2842	2843	rBV2	196	113	0.01%	0.001%

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Title : VOC Analysis

77	10.751	2914	2927	2947	rBV	292538	474043	53.30%	6.230%
78	10.838	2952	2954	2957	rBV	256	155	0.02%	0.002%
79	10.864	2959	2962	2965	rBV	304	193	0.02%	0.003%
80	10.919	2977	2979	2984	rBV2	216	207	0.02%	0.003%
81	10.960	2990	2992	2995	rVB	262	112	0.01%	0.001%
82	11.012	3006	3008	3011	rBV	213	131	0.01%	0.002%
83	11.185	3061	3062	3065	rBV	157	86	0.01%	0.001%
84	11.275	3087	3090	3092	rBV	279	167	0.02%	0.002%
85	11.314	3099	3102	3103	rBV2	213	131	0.01%	0.002%
86	11.404	3127	3130	3132	rBV	315	200	0.02%	0.003%
87	11.571	3180	3182	3186	rVB	208	99	0.01%	0.001%
88	11.745	3228	3236	3244	rVB4	8267	11191	1.26%	0.147%
89	11.809	3244	3256	3280	rBV	463809	778006	87.47%	10.224%
90	12.031	3322	3325	3328	rBV	389	321	0.04%	0.004%
91	12.189	3360	3374	3391	rBV	445286	713411	80.21%	9.375%
92	13.217	3692	3694	3695	rBV	436	226	0.03%	0.003%
93	13.398	3747	3750	3754	rBV2	328	379	0.04%	0.005%
94	13.838	3877	3887	3900	rBV3	39833	65895	7.41%	0.866%
95	14.053	3952	3954	3955	rBV3	411	128	0.01%	0.002%
96	14.330	4035	4040	4045	rVB5	2873	3338	0.38%	0.044%

Sum of corrected areas: 7609560

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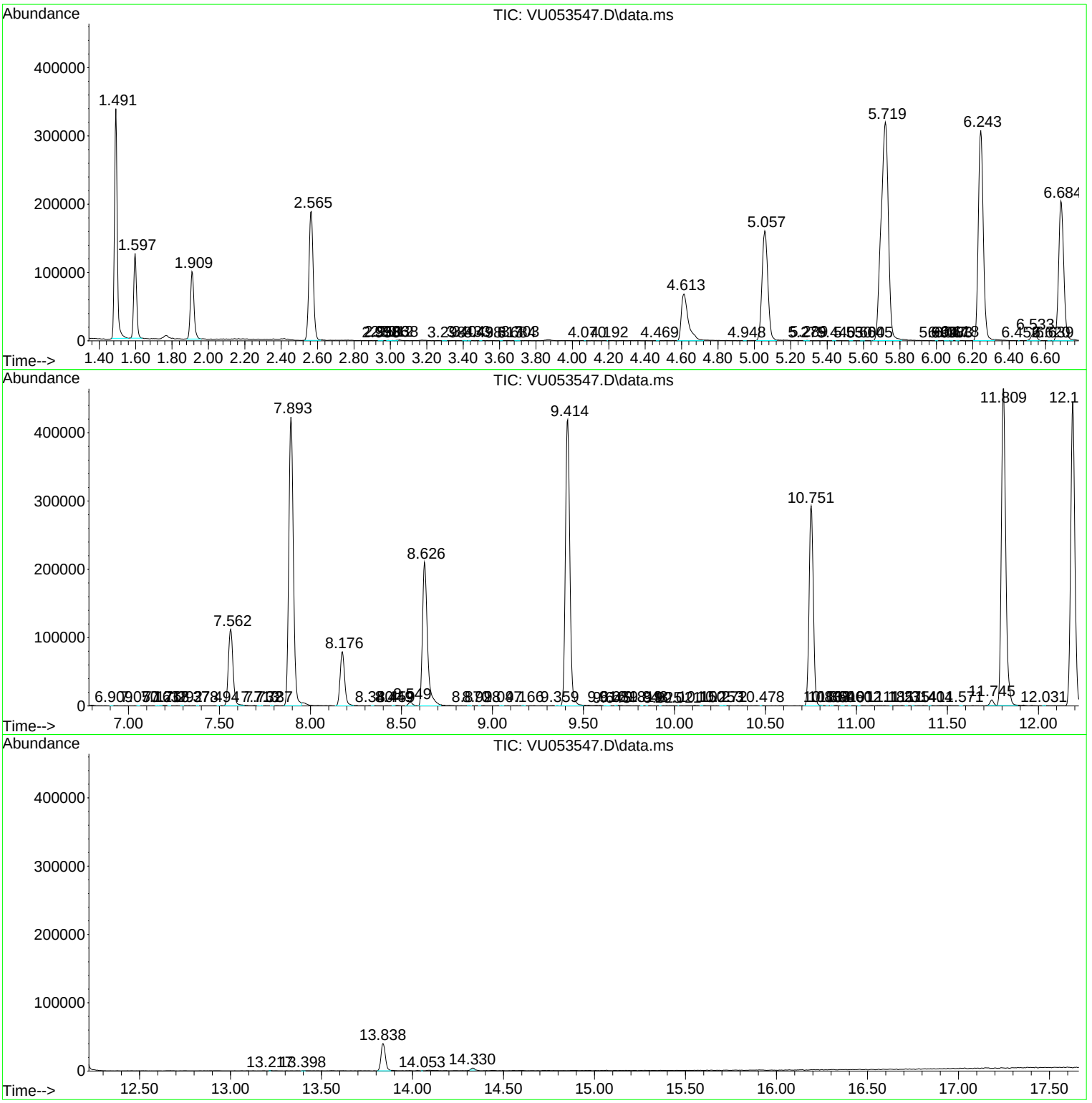
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis

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



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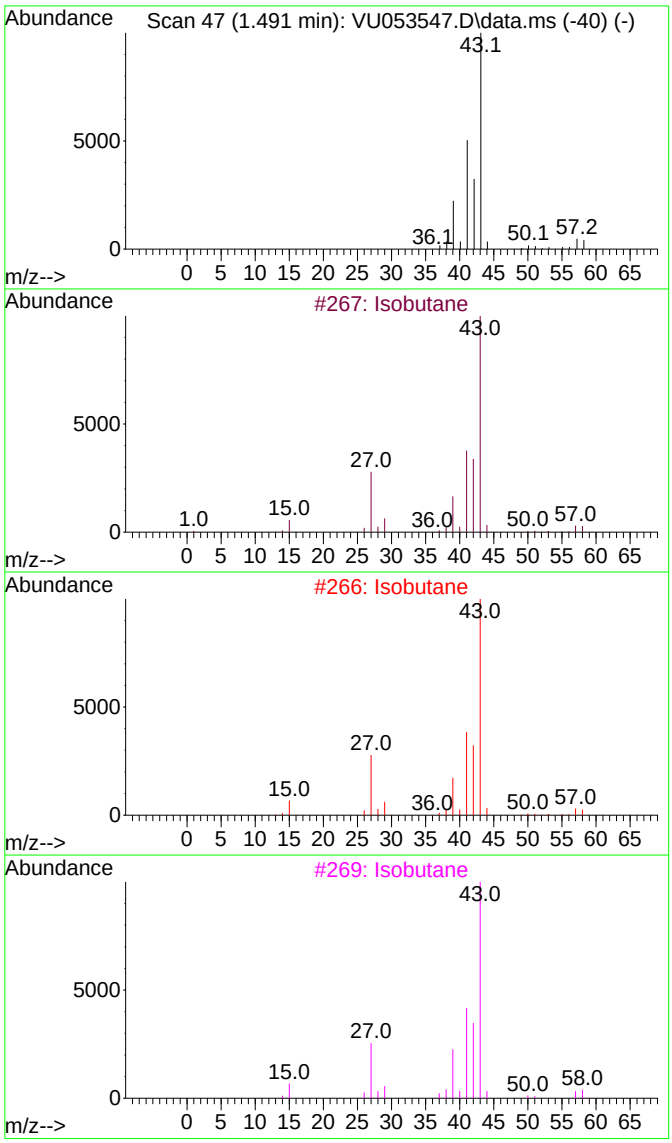
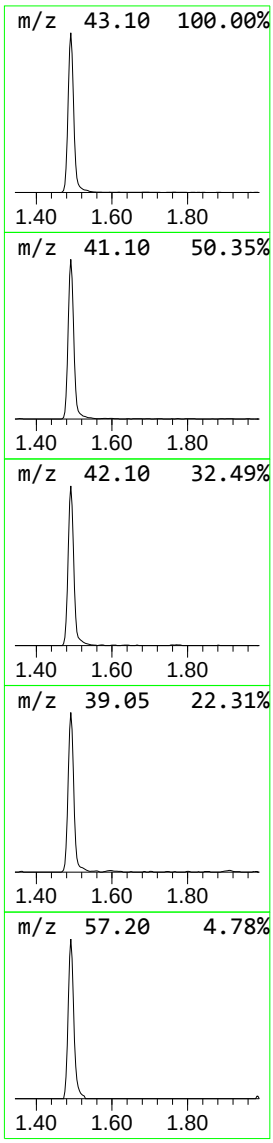
****
Peak Number 1 Isobutane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.491	30.04 ug/L	351515	1,4-Difluorobenzene	6.243

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	72
2	Isobutane	58	C4H10	000075-28-5	72
3	Isobutane	58	C4H10	000075-28-5	72
4	Isobutane	58	C4H10	000075-28-5	59
5	Isobutane	58	C4H10	000075-28-5	59





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
Isobutane	1.491	30.0	ug/L	351515	1	6.243	585011	50.0