LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040423\
Data File : VU053556.D
Acq On : 04 Apr 2023 12:56
Operator : JC/MD
Sample : 02158-10
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-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: VU053556.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	68	rBV	328387	345812	40.03%	4.832%
2	1.597	73	80	94	rVB	110071	125748	14.56%	1.757%
3	1.909	170	177	192	rVB	93775	125713	14.55%	1.756%
4	2.565	369	381	395	rBV	177285	288713	33.42%	4.034%
5	2.729	428	432	433	rBV2	498	318	0.04%	0.004%
6	2.784	446	449	451	rBV2	622	443	0.05%	0.006%
7	2.890	475	482	485	rBV	339	466	0.05%	0.007%
8	2.990	510	513	520	rBV2	288	334	0.04%	0.005%
9	3.044	523	530	538	rVB4	1609	2295	0.27%	0.032%
10	3.080	538	541	543	rBV	297	158	0.02%	0.002%
11	3.170	561	569	571	rBV2	838	1073	0.12%	0.015%
12	3.350	622	625	631	rVB3	590	597	0.07%	0.008%
13	3.514	672	676	678	rBV	214	154	0.02%	0.002%
14	3.623	706	710	712	rVB2	298	209	0.02%	0.003%
15	3.642	712	716	719	rBV2	245	201	0.02%	0.003%
16	3.700	731	734	736	rBV2	547	345	0.04%	0.005%
17	3.877	784	789	791	rVB2	310	242	0.03%	0.003%
18	4.289	913	917	921	rBV2	242	206	0.02%	0.003%
19	4.424	956	959	963	rVB	281	176	0.02%	0.002%
20	4.453	964	968	971	rVB	189	153	0.02%	0.002%
21	4.613	1006	1018	1052	rBV	72270	180201	20.86%	2.518%
22	4.903	1105	1108	1112	rVV2	279	214	0.02%	0.003%
23	4.961	1122	1126	1130	rBV2	369	286	0.03%	0.004%
24	5.060	1140	1157	1179	rBV	156956	356395	41.26%	4.980%
25	5.282	1224	1226	1228	rBV	421	210	0.02%	0.003%
26	5.719	1342	1362	1380	rBV2	315508	863794	100.00%	12.069%
27	6.112	1481	1484	1487	rBV	313	227	0.03%	0.003%
28	6.243	1511	1525	1546	rBV	259006	495118	57.32%	6.918%
29	6.456	1587	1591	1595	rBV2	344	296	0.03%	0.004%
30	6.533	1602	1615	1626	rVB10	5386	9880	1.14%	0.138%
31	6.581	1626	1630	1633	rBV	269	177	0.02%	0.002%
32	6.687	1647	1663	1680	rBV2	198253	387485	44.86%	5.414%
33	6.793	1693	1696	1698	rBV4	653	452	0.05%	0.006%
34	6.951	1742	1745	1752	rVB	246	183	0.02%	0.003%
35	7.102	1789	1792	1797	rVB3	325	262	0.03%	0.004%
36	7.182	1812	1817	1818	rBV	382	306	0.04%	0.004%

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ALS Vial : 8 Sample Multiplier: 1

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MSVOA_U
ClientSampleId :
PMW-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

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Peak separation: 5

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

37	7.266	1840	1843	1850	rBV	180	237	0.03%	0.003%
38	7.562	1922	1935	1958	rBV2	113820	204487	23.67%	2.857%
39	7.687	1971	1974	1975	rBV	406	243	0.03%	0.003%
40	7.722	1981	1985	1987	rBV2	322	226	0.03%	0.003%
41	7.777	1999	2002	2005	rBV	395	303	0.04%	0.004%
42	7.793	2005	2007	2011	rVV2	339	199	0.02%	0.003%
43	7.893	2024	2038	2058	rBV	414205	715708	82.86%	10.000%
44	8.124	2108	2110	2114	rVV2	216	158	0.02%	0.002%
45	8.176	2114	2126	2152	rVV	80350	139769	16.18%	1.953%
46	8.337	2171	2176	2179	rBV2	350	349	0.04%	0.005%
47	8.549	2236	2242	2249	rVB4	2748	3671	0.42%	0.051%
48	8.626	2255	2266	2299	rBV	222878	409226	47.38%	5.718%
49	8.825	2325	2328	2330	rBV	333	207	0.02%	0.003%
50	8.919	2354	2357	2359	rBV	268	170	0.02%	0.002%
51	8.996	2377	2381	2383	rBV2	168	150	0.02%	0.002%
52	9.060	2399	2401	2407	rVB2	216	159	0.02%	0.002%
53	9.099	2407	2413	2416	rBV2	322	394	0.05%	0.006%
54	9.256	2457	2462	2465	rVV	157	177	0.02%	0.002%
55	9.414	2498	2511	2537	rBV	356940	611774	70.82%	8.548%
56	9.542	2547	2551	2553	rBV2	241	192	0.02%	0.003%
57	9.565	2553	2558	2567	rVV3	1387	1771	0.21%	0.025%
58	9.636	2575	2580	2589	rVB2	341	434	0.05%	0.006%
59	9.700	2589	2600	2605	rBV3	1356	1944	0.23%	0.027%
60	9.738	2610	2612	2614	rBV	274	154	0.02%	0.002%
61	9.857	2646	2649	2651	rBV	282	209	0.02%	0.003%
62	9.935	2669	2673	2679	rVB2	303	386	0.04%	0.005%
63	9.964	2679	2682	2684	rBV	243	202	0.02%	0.003%
64	10.009	2692	2696	2699	rVB	287	193	0.02%	0.003%
65	10.111	2717	2728	2729	rBV2	1084	1483	0.17%	0.021%
66	10.214	2752	2760	2764	rBV2	324	440	0.05%	0.006%
67	10.365	2805	2807	2810	rVB	314	155	0.02%	0.002%
68	10.478	2838	2842	2851	rBV3	971	1193	0.14%	0.017%
69	10.613	2880	2884	2886	rBV	273	202	0.02%	0.003%
70	10.648	2893	2895	2898	rVB2	332	187	0.02%	0.003%
71	10.751	2914	2927	2944	rBV	290879	469006	54.30%	6.553%
72	10.877	2963	2966	2968	rBV	485	305	0.04%	0.004%
73	11.073	3023	3027	3028	rBV2	279	209	0.02%	0.003%
74	11.314	3101	3102	3105	rBV2	281	174	0.02%	0.002%
75	11.382	3120	3123	3130	rBV	188	163	0.02%	0.002%
76	11.420	3130	3135	3137	rBV2	349	269	0.03%	0.004%

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PMW-1(20230328)

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Integrator: RTE
Smoothing : OFF Filtering: 5
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Title : VOC Analysis

77	11.468	3144	3150	3159	rVB3	835	1368	0.16%	0.019%
78	11.745	3227	3236	3244	rBV3	6713	9208	1.07%	0.129%
79	11.809	3244	3256	3280	rVV	394499	656184	75.97%	9.168%
80	12.086	3340	3342	3346	rBV2	263	251	0.03%	0.004%
81	12.140	3355	3359	3361	rBV	317	225	0.03%	0.003%
82	12.189	3361	3374	3392	rBV	436605	700171	81.06%	9.783%
83	12.906	3593	3597	3600	rBV	462	315	0.04%	0.004%
84	12.970	3613	3617	3620	rVV	306	232	0.03%	0.003%
85	13.018	3629	3632	3635	rBV	260	172	0.02%	0.002%
86	13.208	3689	3691	3693	rBV	406	278	0.03%	0.004%
87	13.298	3716	3719	3724	rBV	347	310	0.04%	0.004%
88	13.542	3792	3795	3802	rVB	157	205	0.02%	0.003%
89	13.571	3802	3804	3805	rBV	362	169	0.02%	0.002%
90	13.584	3806	3808	3811	rVB	374	204	0.02%	0.003%
91	13.655	3826	3830	3833	rBV	251	209	0.02%	0.003%
92	13.713	3844	3848	3852	rBV2	448	300	0.03%	0.004%
93	13.841	3878	3888	3898	rBV2	15803	25848	2.99%	0.361%
94	13.915	3908	3911	3914	rBV3	372	317	0.04%	0.004%
95	13.976	3928	3930	3935	rBV	269	182	0.02%	0.003%
96	14.050	3950	3953	3958	rBV3	530	590	0.07%	0.008%
97	14.176	3988	3992	3993	rBV2	374	290	0.03%	0.004%
98	14.221	4003	4006	4007	rBV	291	177	0.02%	0.002%
99	14.333	4035	4041	4050	rVB8	2506	3797	0.44%	0.053%
100	14.745	4166	4169	4172	rBV2	414	330	0.04%	0.005%

Sum of corrected areas: 7157052

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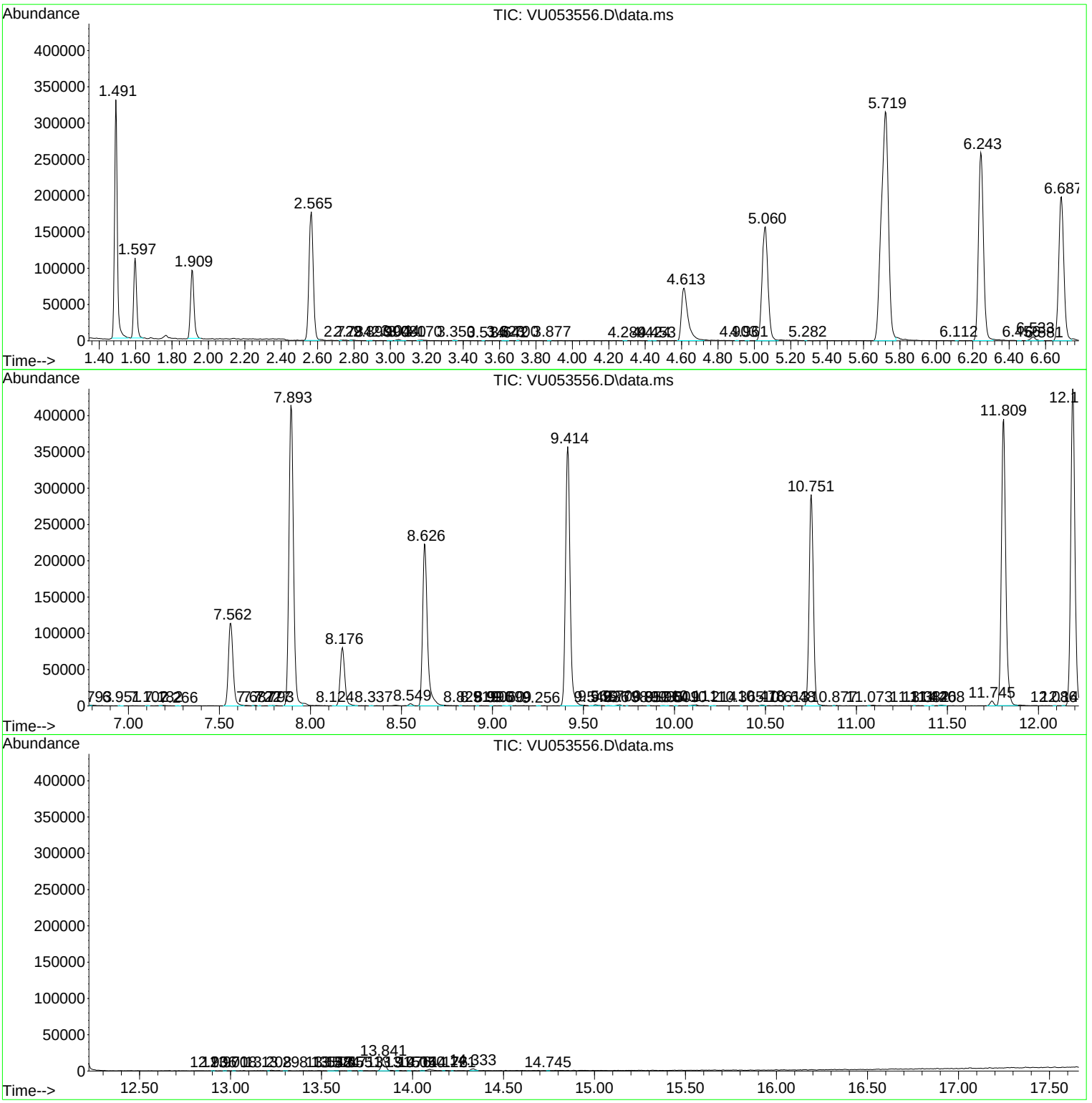
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
Quant Title : VOC Analysis

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



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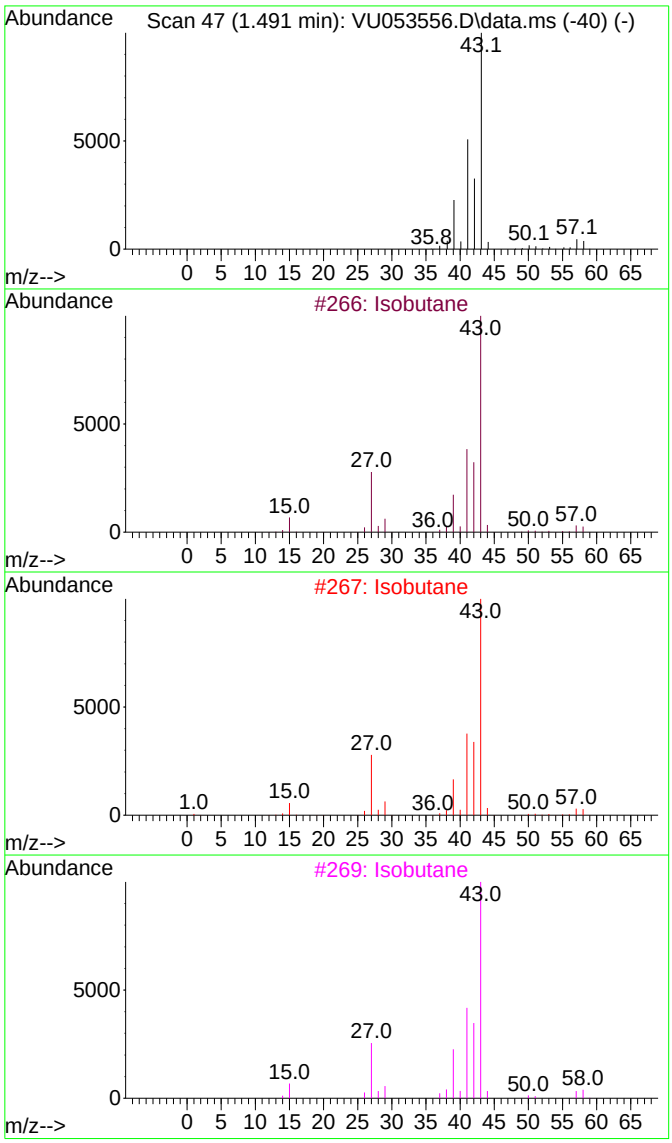
Quant Title : VOC Analysis

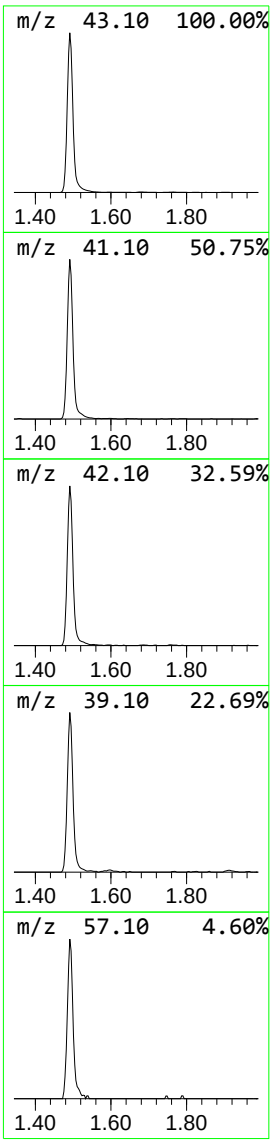
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.491	34.92 ug/L	345812	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	64
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
(DEL) Alkane: S...	1.491	34.9	ug/L	345812	1	6.243	495118	50.0