LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072020\
Data File : VV017551.D
Acq On : 20 Jul 2020 17:46
Operator : SY/MD
Sample : L3336-03
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : PMW-1

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\SOMVLM072020WMA.M
Title : VOC Analysis

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.222	36	41	53	rVB	154361	144131	14.62%	1.719%
2	1.315	64	70	79	rVB	136587	133343	13.53%	1.590%
3	1.576	145	151	161	rVB	104583	112143	11.38%	1.338%
4	2.122	311	321	335	rBV	253025	380619	38.62%	4.540%
5	2.286	368	372	373	rBV4	869	664	0.07%	0.008%
6	2.582	462	464	467	rBV3	749	512	0.05%	0.006%
7	2.698	498	500	501	rBV2	718	316	0.03%	0.004%
8	2.717	505	506	509	rVB	753	237	0.02%	0.003%
9	2.785	522	527	528	rBV2	902	762	0.08%	0.009%
10	2.839	541	544	546	rBV2	828	530	0.05%	0.006%
11	2.904	561	564	566	rBV	637	422	0.04%	0.005%
12	2.939	572	575	578	rBV4	998	740	0.08%	0.009%
13	3.003	593	595	596	rBV	412	190	0.02%	0.002%
14	3.084	618	620	623	rBV2	763	384	0.04%	0.005%
15	3.109	626	628	630	rBV	608	349	0.04%	0.004%
16	3.142	636	638	640	rVB3	731	272	0.03%	0.003%
17	3.193	650	654	655	rBV2	1166	801	0.08%	0.010%
18	3.257	672	674	675	rBV2	597	232	0.02%	0.003%
19	3.267	675	677	678	rVV2	615	222	0.02%	0.003%
20	3.405	717	720	722	rVV3	492	279	0.03%	0.003%
21	3.418	722	724	726	rBV	443	197	0.02%	0.002%
22	3.547	762	764	768	rBV2	397	341	0.03%	0.004%
23	3.608	781	783	789	rBV2	462	409	0.04%	0.005%
24	3.669	798	802	804	rVB3	634	418	0.04%	0.005%
25	3.685	804	807	813	rVB4	977	702	0.07%	0.008%
26	3.714	813	816	819	rBV3	728	604	0.06%	0.007%
27	3.743	824	825	828	rBV3	308	166	0.02%	0.002%
28	3.759	828	830	835	rVV2	1079	613	0.06%	0.007%
29	3.791	837	840	842	rBV3	628	526	0.05%	0.006%
30	3.826	846	851	853	rBV2	729	639	0.06%	0.008%
31	3.900	864	874	902	rBV2	64971	181789	18.45%	2.168%
32	4.315	1000	1003	1005	rBV2	1200	698	0.07%	0.008%
33	4.376	1007	1022	1048	rVV	168520	397188	40.30%	4.737%
34	4.572	1078	1083	1084	rBV	777	551	0.06%	0.007%

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Instrument : MSVOA_V
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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Peak separation: 5

Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072020WMA.M
Title : VOC Analysis

35	4.640	1101	1104	1105	rBV2	492	291	0.03%	0.003%
36	4.682	1116	1117	1121	rVB2	669	303	0.03%	0.004%
37	4.701	1121	1123	1126	rBV3	701	345	0.04%	0.004%
38	4.775	1142	1146	1149	rBV4	706	523	0.05%	0.006%
39	4.791	1149	1151	1155	rVB3	678	442	0.04%	0.005%
40	4.875	1173	1177	1178	rBV2	891	524	0.05%	0.006%
41	4.897	1183	1184	1186	rBV	481	189	0.02%	0.002%
42	4.994	1210	1214	1216	rBV	612	438	0.04%	0.005%
43	5.071	1218	1238	1264	rBV2	353982	915665	92.91%	10.921%
44	5.309	1308	1312	1314	rBV4	783	645	0.07%	0.008%
45	5.338	1318	1321	1324	rBV2	459	405	0.04%	0.005%
46	5.386	1335	1336	1338	rBV	664	298	0.03%	0.004%
47	5.476	1362	1364	1365	rBV2	620	317	0.03%	0.004%
48	5.560	1385	1390	1391	rBV2	1104	802	0.08%	0.010%
49	5.569	1391	1393	1398	rVB4	1640	1079	0.11%	0.013%
50	5.640	1403	1415	1437	rVV	343191	679935	68.99%	8.110%
51	5.839	1475	1477	1478	rBV	992	370	0.04%	0.004%
52	5.865	1482	1485	1490	rVV4	700	520	0.05%	0.006%
53	5.933	1499	1506	1508	rBV7	2850	3149	0.32%	0.038%
54	6.019	1531	1533	1537	rVB3	1234	607	0.06%	0.007%
55	6.039	1537	1539	1541	rBV	507	262	0.03%	0.003%
56	6.093	1541	1556	1576	rBV	203132	415393	42.15%	4.954%
57	6.351	1634	1636	1639	rVB3	761	417	0.04%	0.005%
58	6.511	1684	1686	1688	rBV	479	292	0.03%	0.003%
59	6.547	1694	1697	1699	rBV2	579	433	0.04%	0.005%
60	6.601	1709	1714	1719	rBV6	730	836	0.08%	0.010%
61	6.743	1755	1758	1760	rBV2	957	542	0.05%	0.006%
62	6.794	1772	1774	1776	rBV3	669	342	0.03%	0.004%
63	6.833	1782	1786	1791	rBV5	702	642	0.07%	0.008%
64	6.871	1793	1798	1800	rBV3	778	580	0.06%	0.007%
65	7.006	1829	1840	1859	rBV	132691	235624	23.91%	2.810%
66	7.283	1924	1926	1931	rBV3	799	511	0.05%	0.006%
67	7.338	1931	1943	1963	rBV	412981	723255	73.38%	8.626%
68	7.643	2028	2038	2067	rVB	90283	157161	15.95%	1.874%
69	7.961	2127	2137	2145	rBV5	2645	4720	0.48%	0.056%
70	8.039	2159	2161	2163	rVB	529	236	0.02%	0.003%
71	8.055	2163	2166	2167	rVB3	458	188	0.02%	0.002%

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Integrator: RTE
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Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072020WMA.M
Title : VOC Analysis

72	8.067	2167	2170	2172	rBV2	673	359	0.04%	0.004%
73	8.106	2172	2182	2203	rBV	236575	413265	41.93%	4.929%
74	8.321	2247	2249	2251	rVB3	809	222	0.02%	0.003%
75	8.412	2276	2277	2278	rBV	535	186	0.02%	0.002%
76	8.547	2316	2319	2323	rBV3	1022	931	0.09%	0.011%
77	8.653	2348	2352	2353	rBV3	1297	1041	0.11%	0.012%
78	8.871	2409	2420	2442	rBV	584929	947819	96.17%	11.305%
79	9.135	2499	2502	2503	rBV3	1110	486	0.05%	0.006%
80	9.219	2525	2528	2530	rBV3	965	511	0.05%	0.006%
81	9.328	2560	2562	2566	rBV3	777	484	0.05%	0.006%
82	9.428	2591	2593	2594	rBV2	946	432	0.04%	0.005%
83	9.701	2676	2678	2680	rVB3	1433	549	0.06%	0.007%
84	9.739	2688	2690	2693	rBV4	1092	707	0.07%	0.008%
85	9.775	2699	2701	2702	rBV2	529	204	0.02%	0.002%
86	9.836	2718	2720	2723	rBV3	1106	587	0.06%	0.007%
87	10.238	2833	2845	2863	rBV	386930	603833	61.27%	7.202%
88	10.508	2928	2929	2930	rBV	768	242	0.02%	0.003%
89	10.723	2993	2996	3000	rBV3	1422	1049	0.11%	0.013%
90	10.852	3035	3036	3040	rBV2	1075	625	0.06%	0.007%
91	11.109	3114	3116	3118	rBV	1147	408	0.04%	0.005%
92	11.270	3155	3166	3186	rBV	638581	985566	100.00%	11.755%
93	11.646	3272	3283	3299	rBV	582857	908066	92.14%	10.830%
94	12.096	3421	3423	3426	rBV3	1201	669	0.07%	0.008%
95	12.308	3487	3489	3494	rBV4	1059	847	0.09%	0.010%
96	12.807	3642	3644	3646	rBV2	1002	507	0.05%	0.006%
97	13.103	3734	3736	3744	rVB7	1558	1445	0.15%	0.017%
98	13.620	3894	3897	3900	rBV4	1366	1118	0.11%	0.013%
99	15.090	4348	4354	4356	rBV5	1400	1452	0.15%	0.017%
100	15.228	4395	4397	4399	rBV	915	476	0.05%	0.006%

Sum of corrected areas: 8384356

LSC Report - Integrated Chromatogram

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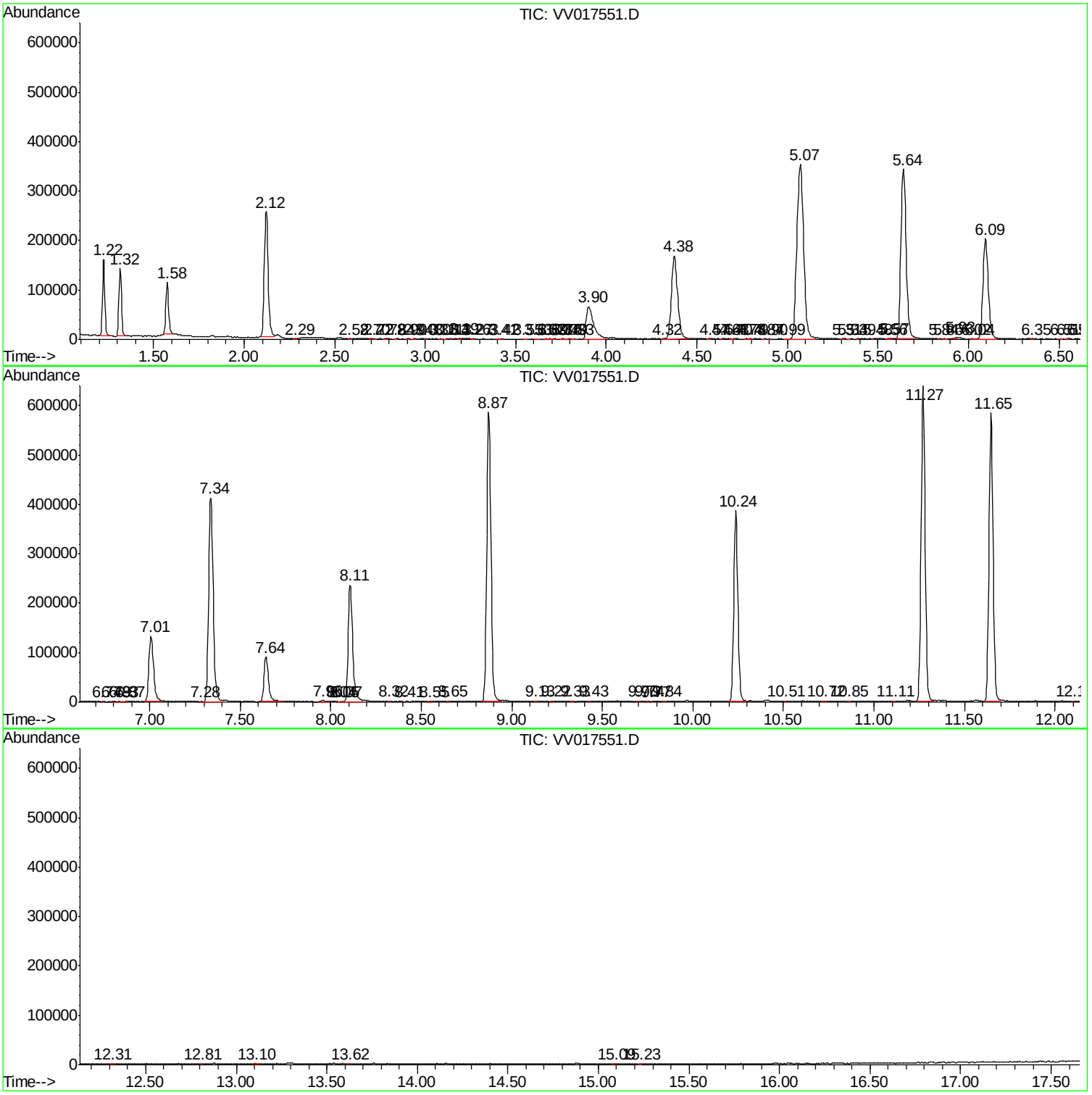
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : PMW-1

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072020WMA.M
Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072020\
Data File : VV017551.D
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Operator : SY/MD
Sample : L3336-03
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : PMW-1

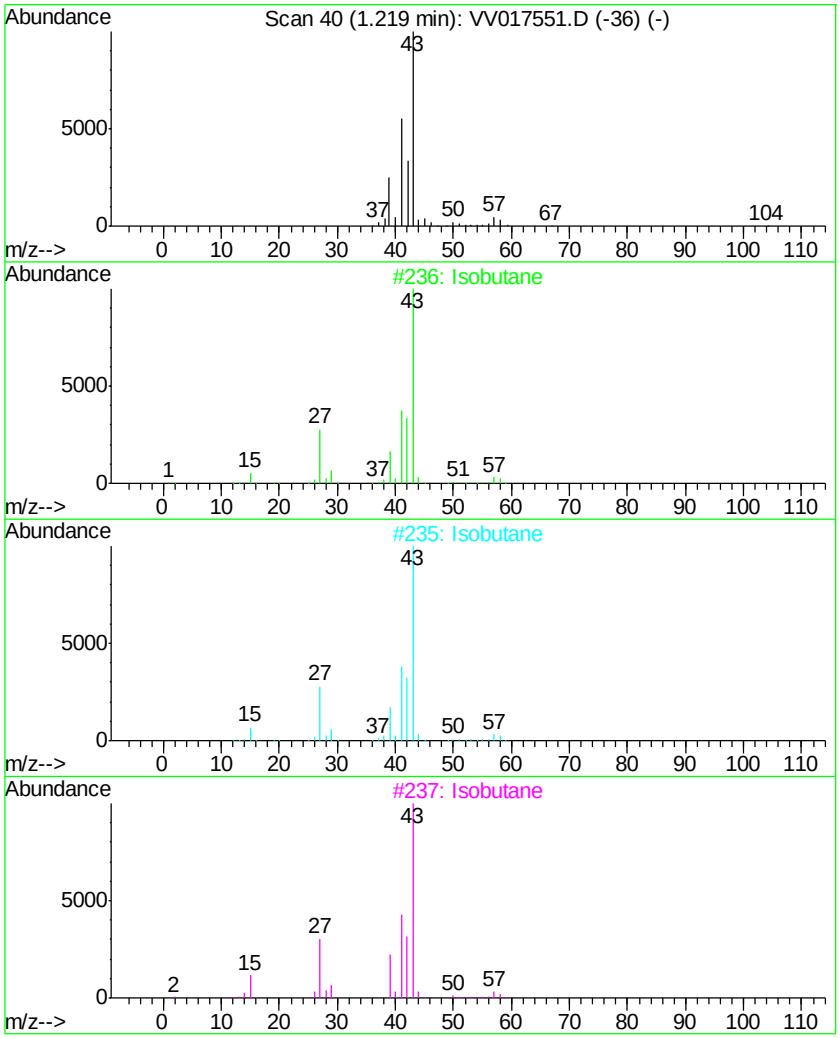
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072020WMA.M
Quant Title : VOC Analysis

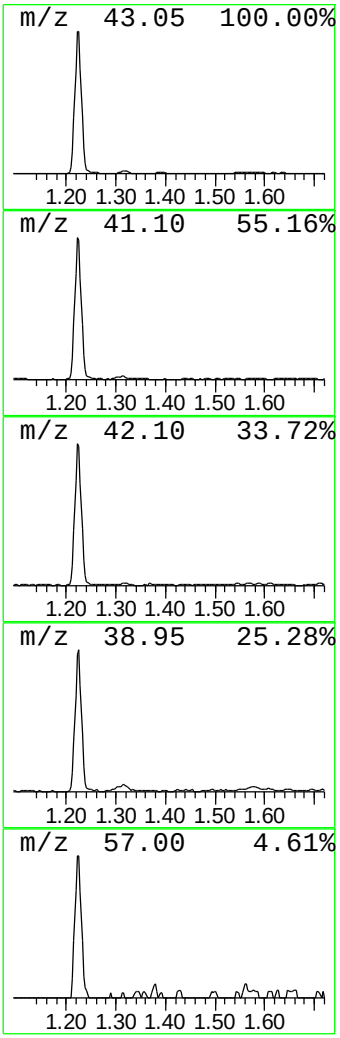
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.22	10.60 ug/L	144131	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isobutane	58	C4H10	000075-28-5	72
2	Isobutane	58	C4H10	000075-28-5	64
3	Isobutane	58	C4H10	000075-28-5	59
4	Isobutane	58	C4H10	000075-28-5	45
5	Borane, trimethyl-	56	C3H9B	000593-90-8	7





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	1.22	10.6	ug/L	144131	1	5.64	679935	50.0