LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041723\
Data File : VV030592.D
Acq On : 17 Apr 2023 16:35
Operator : SY/MD
Sample : 02339-01 10X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0AN6

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\SFAMVLM041723WMA.M
Title : VOC Analysis

Signal : TIC: VV030592.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	94	rVB	128924	140715	16.06%	1.920%
2	1.539	149	155	168	rVB	115497	133287	15.21%	1.819%
3	2.066	310	319	334	rBV	234455	338031	38.58%	4.613%
4	2.458	429	441	452	rBV	26541	45575	5.20%	0.622%
5	2.600	480	485	486	rBV5	1250	1017	0.12%	0.014%
6	2.667	504	506	510	rBV5	1315	1097	0.13%	0.015%
7	2.770	536	538	540	rBV3	1143	525	0.06%	0.007%
8	2.841	554	560	561	rBV6	1957	1680	0.19%	0.023%
9	2.915	580	583	585	rBV3	998	695	0.08%	0.009%
10	2.950	591	594	596	rBV3	1247	843	0.10%	0.012%
11	2.963	596	598	602	rVB5	1056	743	0.08%	0.010%
12	3.005	607	611	613	rBV5	905	649	0.07%	0.009%
13	3.040	620	622	624	rVB2	1079	294	0.03%	0.004%
14	3.088	635	637	639	rVB3	1267	525	0.06%	0.007%
15	3.101	639	641	644	rVB3	965	532	0.06%	0.007%
16	3.117	644	646	647	rBV2	1618	774	0.09%	0.011%
17	3.211	671	675	679	rBV7	1275	1257	0.14%	0.017%
18	3.297	699	702	708	rVB7	1499	1283	0.15%	0.018%
19	3.320	708	709	710	rBV	847	223	0.03%	0.003%
20	3.358	717	721	723	rBV4	1256	1000	0.11%	0.014%
21	3.429	739	743	744	rBV4	1415	979	0.11%	0.013%
22	3.461	749	753	755	rVV4	994	903	0.10%	0.012%
23	3.513	767	769	772	rBV4	727	401	0.05%	0.005%
24	3.529	772	774	776	rVB3	973	392	0.04%	0.005%
25	3.542	776	778	780	rBV3	1053	581	0.07%	0.008%
26	3.571	785	787	789	rVB2	1575	541	0.06%	0.007%
27	3.619	797	802	803	rBV4	1231	938	0.11%	0.013%
28	3.741	838	840	842	rVB3	1153	380	0.04%	0.005%
29	3.805	850	860	886	rBV	52065	148845	16.99%	2.031%
30	4.262	988	1002	1024	rVB	139677	347707	39.69%	4.745%
31	4.616	1110	1112	1117	rVB6	1187	747	0.09%	0.010%
32	4.638	1117	1119	1122	rBV4	1202	837	0.10%	0.011%
33	4.702	1138	1139	1141	rVB2	1371	373	0.04%	0.005%
34	4.738	1147	1150	1154	rBV5	2115	1510	0.17%	0.021%
35	4.757	1154	1156	1157	rBV2	748	235	0.03%	0.003%
36	4.767	1157	1159	1160	rBV2	1209	514	0.06%	0.007%

LSC Area Percent Report

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Instrument :
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ClientSampleId :
C0AN6

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\SFAMVLM041723WMA.M
Title : VOC Analysis

37	4.825	1175	1177	1179	rVB3	857	299	0.03%	0.004%
38	4.850	1180	1185	1188	rBV7	1064	1147	0.13%	0.016%
39	4.966	1205	1221	1252	rBV2	327265	876074	100.00%	11.956%
40	5.413	1356	1360	1365	rBV6	1313	1525	0.17%	0.021%
41	5.439	1365	1368	1369	rBV3	1522	804	0.09%	0.011%
42	5.542	1388	1400	1421	rBV	296616	612900	69.96%	8.365%
43	5.998	1531	1542	1561	rVB	190714	388286	44.32%	5.299%
44	6.403	1659	1668	1692	rBV	68110	131941	15.06%	1.801%
45	6.921	1816	1829	1844	rBV	105077	197372	22.53%	2.694%
46	7.127	1885	1893	1907	rBV2	19690	36545	4.17%	0.499%
47	7.252	1921	1932	1952	rBV	381392	675791	77.14%	9.223%
48	7.561	2018	2028	2049	rBV	92353	168703	19.26%	2.302%
49	7.776	2093	2095	2098	rBV4	1634	1051	0.12%	0.014%
50	7.870	2114	2124	2134	rBV	28055	46979	5.36%	0.641%
51	8.034	2166	2175	2200	rBV	191180	359873	41.08%	4.911%
52	8.513	2322	2324	2327	rBV4	1653	920	0.11%	0.013%
53	8.628	2351	2360	2377	rVB	72139	116439	13.29%	1.589%
54	8.792	2400	2411	2433	rBV	474118	779509	88.98%	10.639%
55	9.043	2488	2489	2491	rBV2	1088	502	0.06%	0.007%
56	9.204	2537	2539	2542	rBV4	2119	1447	0.17%	0.020%
57	9.439	2610	2612	2613	rBV2	999	278	0.03%	0.004%
58	9.937	2764	2767	2769	rBV5	1632	934	0.11%	0.013%
59	10.014	2787	2791	2794	rBV5	2228	1766	0.20%	0.024%
60	10.088	2813	2814	2815	rVB	1423	274	0.03%	0.004%
61	10.101	2815	2818	2819	rBV3	1633	959	0.11%	0.013%
62	10.162	2826	2837	2851	rBV	253789	405068	46.24%	5.528%
63	10.474	2932	2934	2937	rBV4	1425	854	0.10%	0.012%
64	10.525	2947	2950	2951	rBV2	1177	619	0.07%	0.008%
65	10.606	2974	2975	2979	rBV3	1375	738	0.08%	0.010%
66	10.625	2979	2981	2984	rVV4	1204	483	0.06%	0.007%
67	10.722	3007	3011	3018	rVB8	1854	2632	0.30%	0.036%
68	10.779	3027	3029	3031	rBV3	1370	759	0.09%	0.010%
69	10.911	3068	3070	3071	rBV	1418	520	0.06%	0.007%
70	11.194	3147	3158	3176	rBV	460244	716156	81.75%	9.774%
71	11.416	3223	3227	3231	rBV8	2444	2057	0.23%	0.028%
72	11.439	3231	3234	3238	rVB6	1370	984	0.11%	0.013%
73	11.570	3264	3275	3291	rBV	384416	606031	69.18%	8.271%
74	11.709	3316	3318	3324	rBV7	1560	1495	0.17%	0.020%
75	11.760	3331	3334	3338	rBV6	1493	1551	0.18%	0.021%
76	11.914	3376	3382	3385	rBV8	1679	1799	0.21%	0.025%

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Instrument :
MSVOA_V
ClientSampleId :
C0AN6

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_V\Method\SFAMVLM041723WMA.M
Title : VOC Analysis

77	12.197	3468	3470	3471	rBV2	1321	504	0.06%	0.007%
78	12.300	3499	3502	3503	rBV3	1706	850	0.10%	0.012%
79	12.326	3508	3510	3515	rVB6	1576	840	0.10%	0.011%
80	12.426	3539	3541	3542	rBV2	830	309	0.04%	0.004%
81	12.567	3581	3585	3588	rBV5	1886	1529	0.17%	0.021%
82	12.673	3616	3618	3620	rBV2	1392	570	0.07%	0.008%
83	12.969	3708	3710	3713	rBV4	1603	880	0.10%	0.012%
84	13.374	3832	3836	3837	rBV4	1132	784	0.09%	0.011%
85	13.680	3929	3931	3932	rBV2	964	284	0.03%	0.004%

Sum of corrected areas: 7327242

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Instrument :
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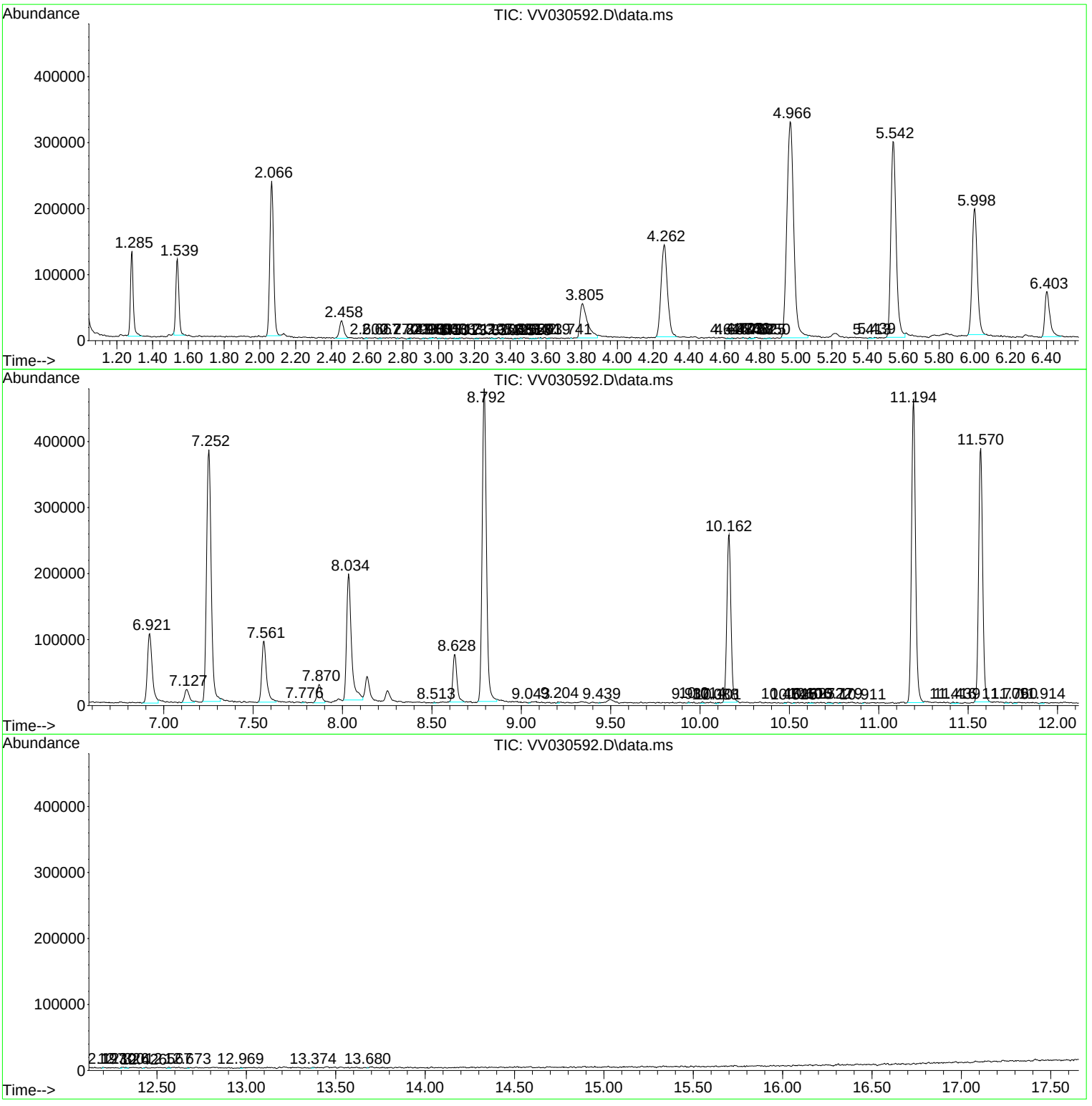
ClientSampleId :
C0AN6

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

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



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Instrument :
MSVOA_V
ClientSampleId :
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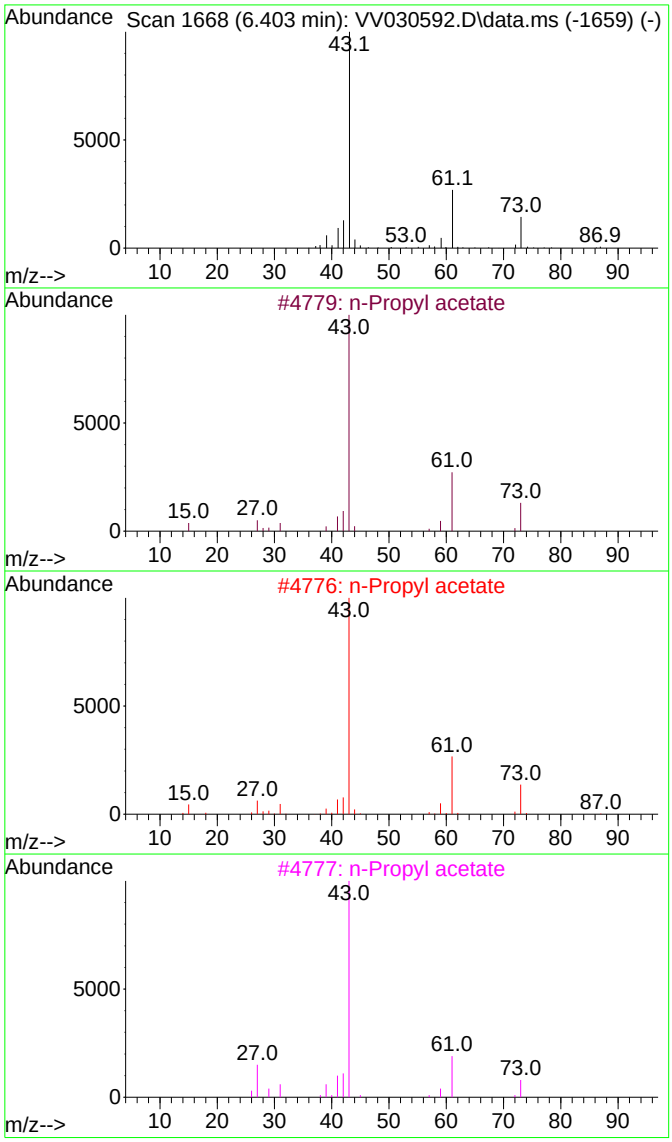
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

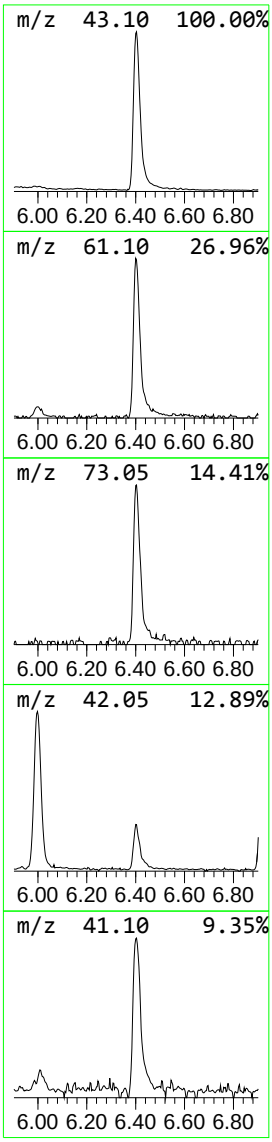
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 n-Propyl acetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.403	10.76 ug/L	131941	1,4-Difluorobenzene	5.542

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	78
2	n-Propyl acetate	102	C5H10O2	000109-60-4	78
3	n-Propyl acetate	102	C5H10O2	000109-60-4	72
4	n-Propyl acetate	102	C5H10O2	000109-60-4	72
5	n-Propyl acetate	102	C5H10O2	000109-60-4	56





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Instrument :
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ClientSampleId :
C0AN6

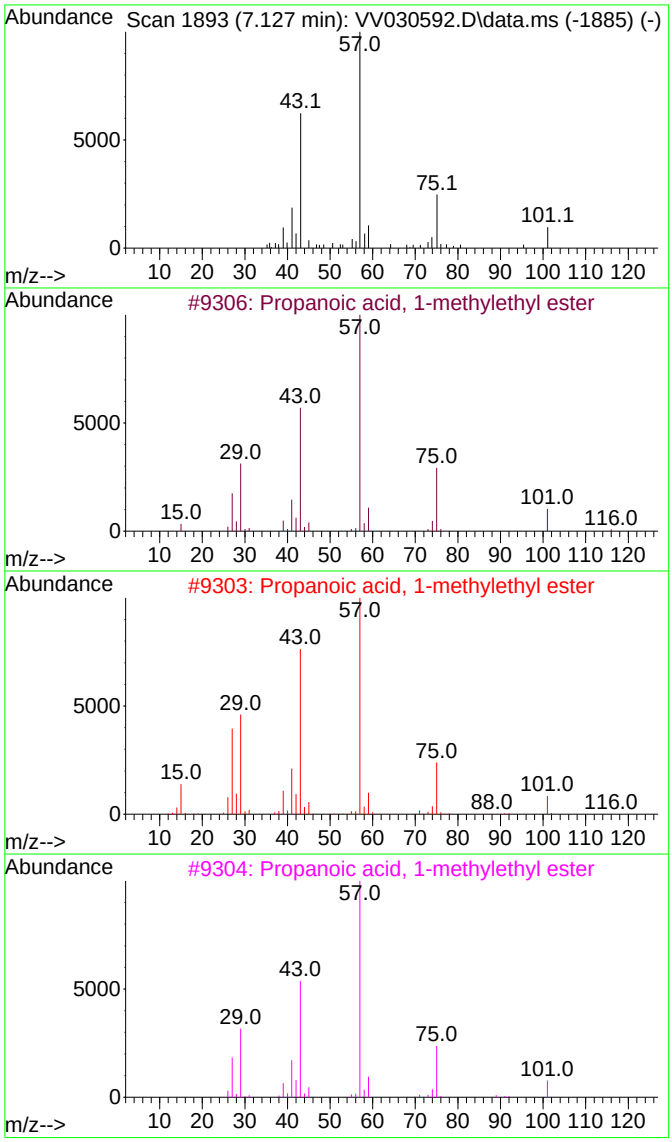
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

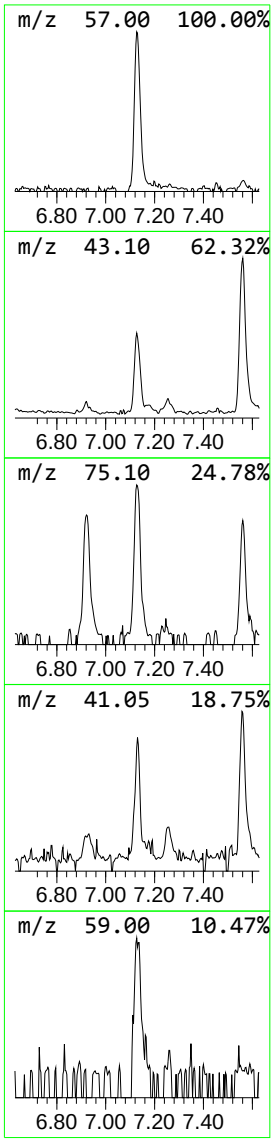
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Propanoic acid, 1-methyleth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.127	2.98 ug/L	36545	1,4-Difluorobenzene	5.542

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	53
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	50
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	50
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	50
5	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	40





Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041723\
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C0AN6

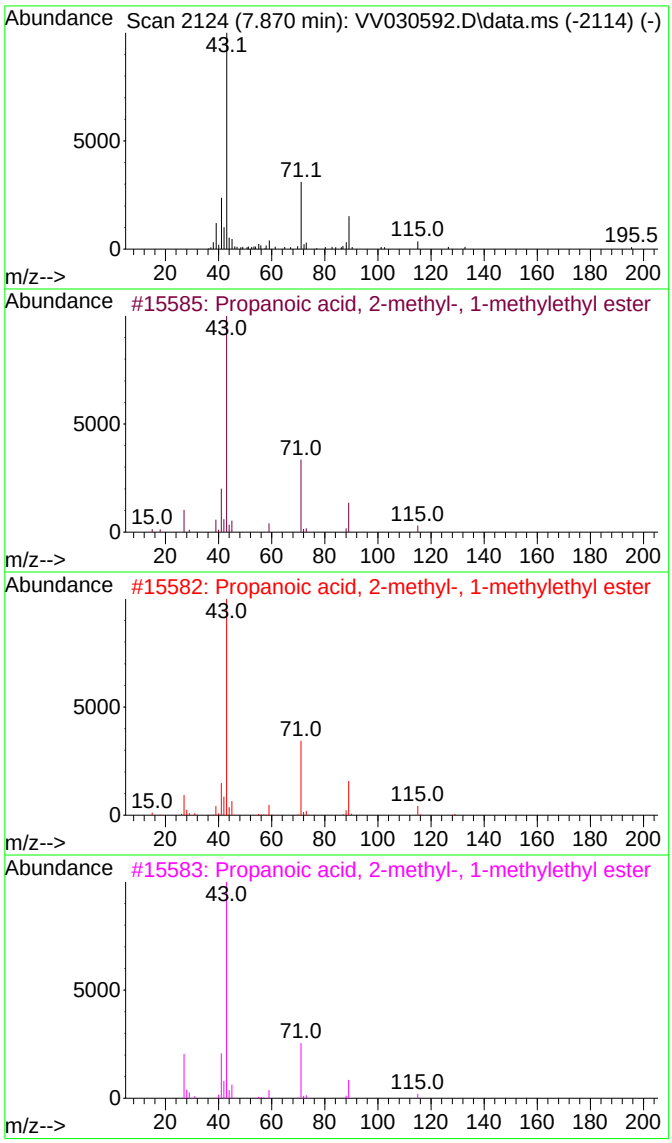
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

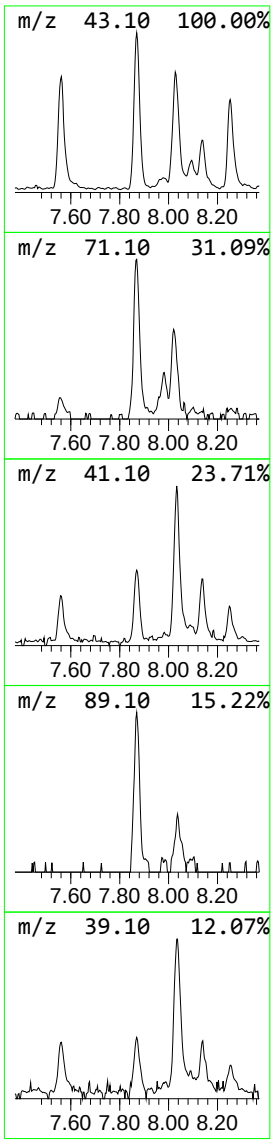
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Propanoic acid, 2-methyl-, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.870	3.01 ug/L	46979	Chlorobenzene-d5	8.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	59
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	50
5	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	50





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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
Quant Title : VOC Analysis

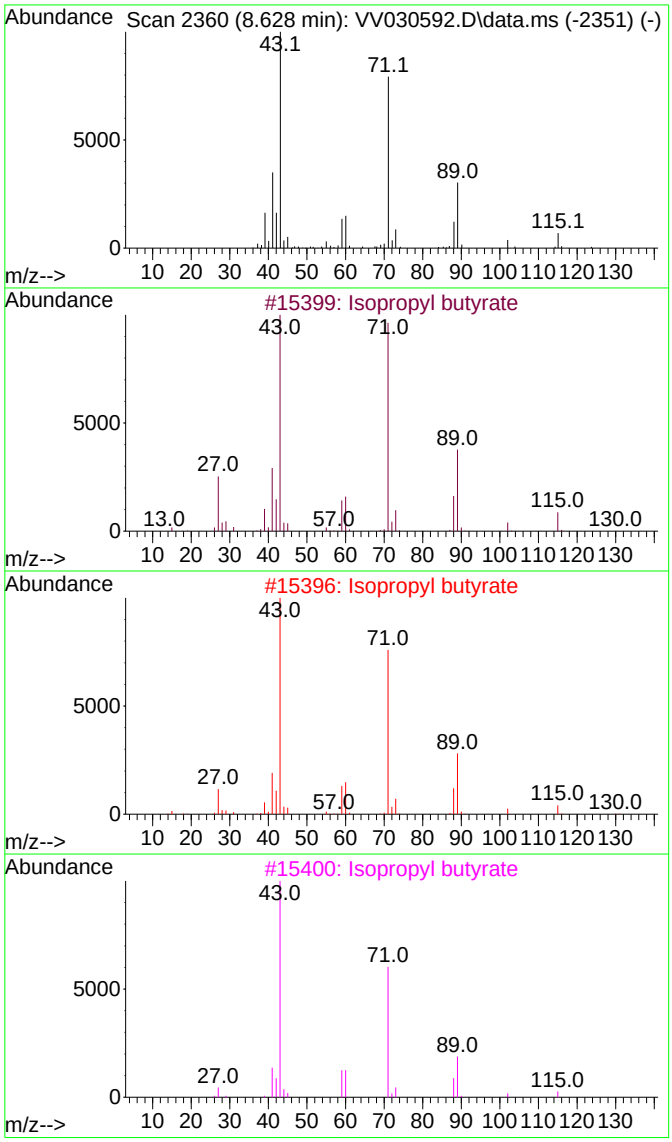
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

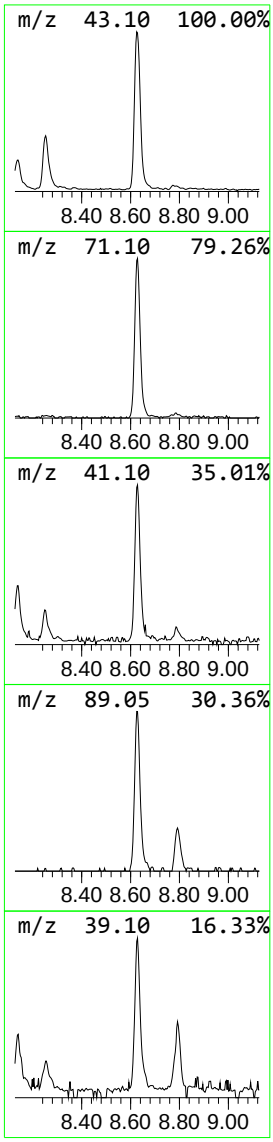
****

Peak Number 6 Isopropyl butyrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.628	7.47 ug/L	116439	Chlorobenzene-d5	8.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl butyrate	130	C7H14O2	000638-11-9	91
2	Isopropyl butyrate	130	C7H14O2	000638-11-9	90
3	Isopropyl butyrate	130	C7H14O2	000638-11-9	83
4	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	72
5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.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
n-Propyl acetate	6.403	10.8	ug/L	131941	1	5.542	612900	50.0
Propanoic acid,...	7.127	3.0	ug/L	36545	1	5.542	612900	50.0
Propanoic acid,...	7.870	3.0	ug/L	46979	2	8.792	779509	50.0
Isopropyl butyrate	8.628	7.5	ug/L	116439	2	8.792	779509	50.0