LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
Data File : VV015281.D
Acq On : 30 Mar 2020 18:55
Operator : SY/MD
Sample : L1975-03
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTG8

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\SOMVLM033020WMA.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	1.315	65	70	82	rVB	202594	201628	11.31%	1.341%
2	2.119	314	320	331	rVB	346484	485349	27.22%	3.228%
3	2.454	417	424	453	rVB	418198	836452	46.90%	5.563%
4	3.293	683	685	688	rBV4	1093	558	0.03%	0.004%
5	3.312	688	691	693	rBV4	1330	921	0.05%	0.006%
6	3.370	707	709	710	rBV2	1155	514	0.03%	0.003%
7	3.380	710	712	713	rVV	1778	786	0.04%	0.005%
8	3.389	713	715	717	rVV3	2249	1118	0.06%	0.007%
9	3.402	717	719	725	rVB6	2619	2043	0.11%	0.014%
10	3.428	725	727	728	rBV2	924	405	0.02%	0.003%
11	3.470	737	740	743	rBV5	1770	1032	0.06%	0.007%
12	3.498	743	749	754	rBV9	1745	2489	0.14%	0.017%
13	3.579	771	774	776	rBV3	1622	938	0.05%	0.006%
14	3.608	781	783	786	rVB4	1199	532	0.03%	0.004%
15	3.634	789	791	796	rBV6	1036	800	0.04%	0.005%
16	3.653	796	797	798	rBV	887	205	0.01%	0.001%
17	3.923	871	881	929	rBV2	117087	410778	23.03%	2.732%
18	4.299	996	998	1000	rBV3	1296	892	0.05%	0.006%
19	4.376	1004	1022	1046	rBV	262231	645471	36.19%	4.293%
20	4.537	1064	1072	1089	rBV	37511	87640	4.91%	0.583%
21	4.859	1169	1172	1176	rVB4	2553	2060	0.12%	0.014%
22	4.884	1176	1180	1181	rBV4	1230	884	0.05%	0.006%
23	4.900	1184	1185	1186	rVV	1352	403	0.02%	0.003%
24	4.920	1189	1191	1195	rBV5	1913	1323	0.07%	0.009%
25	4.955	1200	1202	1204	rVV3	1453	670	0.04%	0.004%
26	5.013	1216	1220	1222	rBV5	1881	1354	0.08%	0.009%
27	5.074	1222	1239	1263	rVV2	583397	1460826	81.92%	9.715%
28	5.367	1328	1330	1334	rBV5	2108	1369	0.08%	0.009%
29	5.383	1334	1335	1338	rBV3	1320	873	0.05%	0.006%
30	5.421	1345	1347	1349	rBV3	1379	583	0.03%	0.004%
31	5.643	1402	1416	1441	rBV	727000	1550194	86.93%	10.309%
32	6.093	1546	1556	1576	rVB	350383	707328	39.66%	4.704%
33	6.633	1716	1724	1744	rVB2	75762	134307	7.53%	0.893%
34	6.891	1802	1804	1807	rBV4	1287	717	0.04%	0.005%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTG8

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\SOMVLM033020WMA.M
Title : VOC Analysis

35	6.907	1807	1809	1811	rVV3	1409	643	0.04%	0.004%
36	7.010	1830	1841	1858	rBV	186236	328999	18.45%	2.188%
37	7.338	1931	1943	1963	rBV	654705	1148134	64.38%	7.635%
38	7.643	2029	2038	2056	rVB	136383	241193	13.52%	1.604%
39	7.813	2090	2091	2092	rBV	1733	607	0.03%	0.004%
40	7.926	2123	2126	2127	rBV3	2038	1187	0.07%	0.008%
41	8.112	2174	2184	2215	rBV	545818	1005288	56.37%	6.685%
42	8.402	2261	2274	2288	rBV5	17854	61753	3.46%	0.411%
43	8.874	2410	2421	2441	rBV	1120579	1783339	100.00%	11.860%
44	9.405	2583	2586	2587	rBV3	2229	1402	0.08%	0.009%
45	9.566	2632	2636	2641	rBV7	3355	3520	0.20%	0.023%
46	9.955	2752	2757	2771	rVB3	22484	34779	1.95%	0.231%
47	10.042	2777	2784	2794	rVB2	55473	86008	4.82%	0.572%
48	10.170	2822	2824	2825	rBV2	1767	857	0.05%	0.006%
49	10.238	2834	2845	2859	rBV	546806	860442	48.25%	5.722%
50	10.328	2870	2873	2877	rBV6	1845	1449	0.08%	0.010%
51	10.733	2996	2999	3001	rBV4	2607	1501	0.08%	0.010%
52	10.794	3015	3018	3021	rBV5	1753	1206	0.07%	0.008%
53	10.881	3040	3045	3049	rBV7	1943	2164	0.12%	0.014%
54	10.939	3058	3063	3066	rBV6	3126	3084	0.17%	0.021%
55	11.122	3117	3120	3123	rVB4	2365	1323	0.07%	0.009%
56	11.138	3123	3125	3128	rBV4	2209	1445	0.08%	0.010%
57	11.273	3155	3167	3182	rBV	1094003	1677368	94.06%	11.155%
58	11.427	3213	3215	3216	rBV2	1822	804	0.05%	0.005%
59	11.649	3273	3284	3307	rVB	768895	1205479	67.60%	8.017%
60	11.813	3333	3335	3338	rBV3	1514	729	0.04%	0.005%
61	12.199	3453	3455	3456	rBV2	1371	546	0.03%	0.004%
62	12.251	3466	3471	3474	rBV7	2071	2376	0.13%	0.016%
63	12.341	3497	3499	3504	rVB4	1426	1036	0.06%	0.007%
64	12.370	3504	3508	3510	rBV4	3529	2926	0.16%	0.019%
65	12.649	3593	3595	3598	rBV5	1225	883	0.05%	0.006%
66	12.669	3598	3601	3609	rVB9	4890	4545	0.25%	0.030%
67	12.704	3609	3612	3613	rBV3	1203	583	0.03%	0.004%
68	12.733	3620	3621	3625	rVB4	1956	1117	0.06%	0.007%
69	12.755	3625	3628	3632	rBV5	2175	2015	0.11%	0.013%
70	12.990	3698	3701	3704	rBV5	1674	1245	0.07%	0.008%
71	13.125	3740	3743	3749	rVB8	2118	2018	0.11%	0.013%

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ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : ETTG8

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\SOMVLM033020WMA.M
Title : VOC Analysis

72	13.151	3749	3751	3753	rBV2	2322	911	0.05%	0.006%
73	13.173	3755	3758	3760	rBV4	1737	1217	0.07%	0.008%
74	13.286	3785	3793	3795	rBV9	5526	6696	0.38%	0.045%
75	13.492	3855	3857	3858	rBV2	1267	532	0.03%	0.004%
76	13.533	3866	3870	3873	rBV6	2974	2806	0.16%	0.019%
77	13.607	3889	3893	3894	rBV4	934	646	0.04%	0.004%
78	13.630	3898	3900	3903	rBV4	1485	781	0.04%	0.005%
79	13.913	3986	3988	3989	rBV2	1062	443	0.02%	0.003%
80	13.968	4003	4005	4008	rBV3	1290	775	0.04%	0.005%
81	14.006	4012	4017	4024	rBV9	2511	3062	0.17%	0.020%
82	14.591	4196	4199	4200	rBV3	1534	866	0.05%	0.006%
83	14.730	4240	4242	4243	rBV2	1383	520	0.03%	0.003%
84	14.820	4268	4270	4271	rBV2	1332	447	0.03%	0.003%

Sum of corrected areas: 15037137

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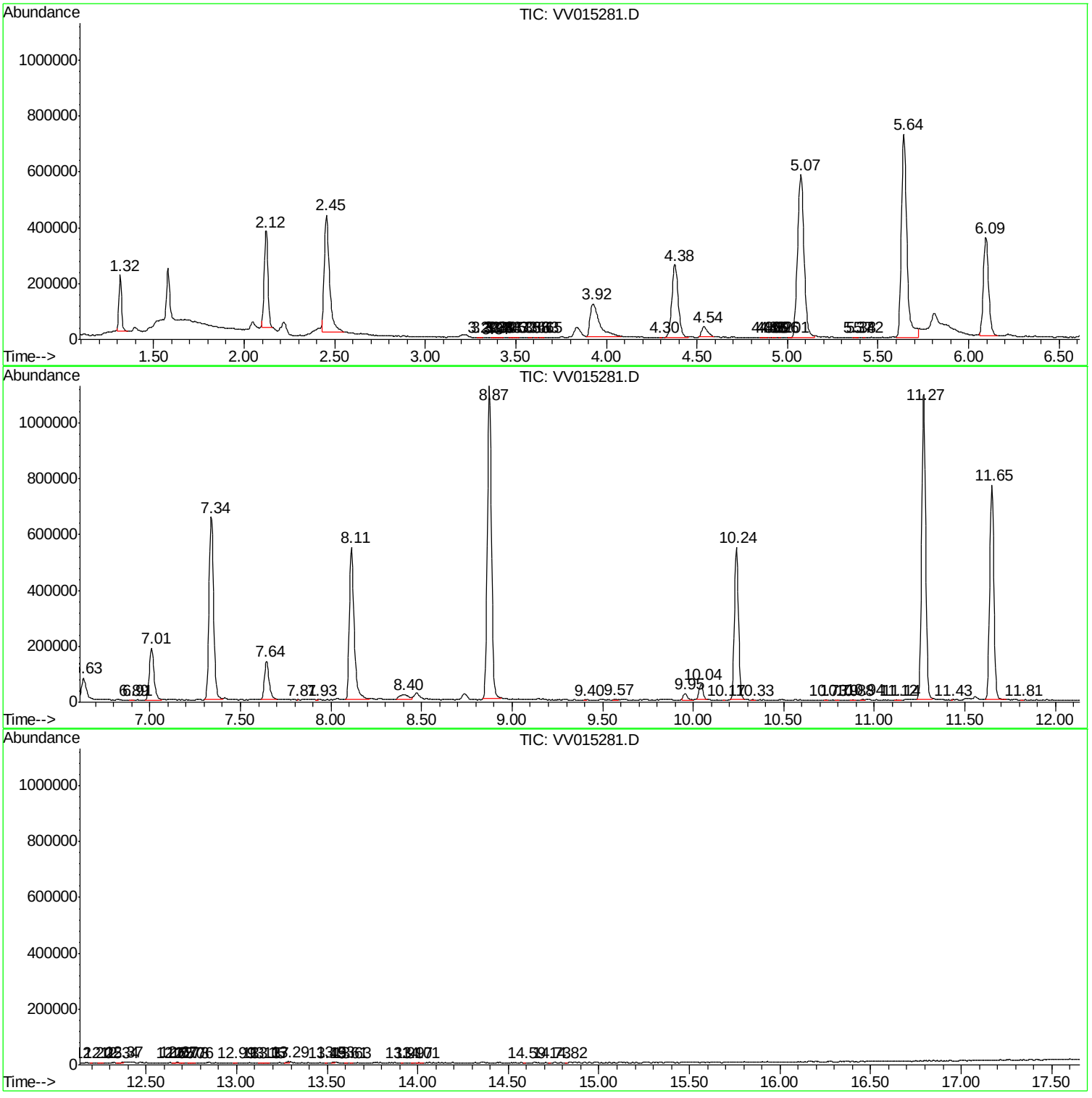
Instrument :
MSVOA_V
ClientSampleId :
ETTG8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
Quant Title : VOC Analysis

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



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Instrument : MSVOA_V
ClientSampleId : ETTG8

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Quant Title : VOC Analysis

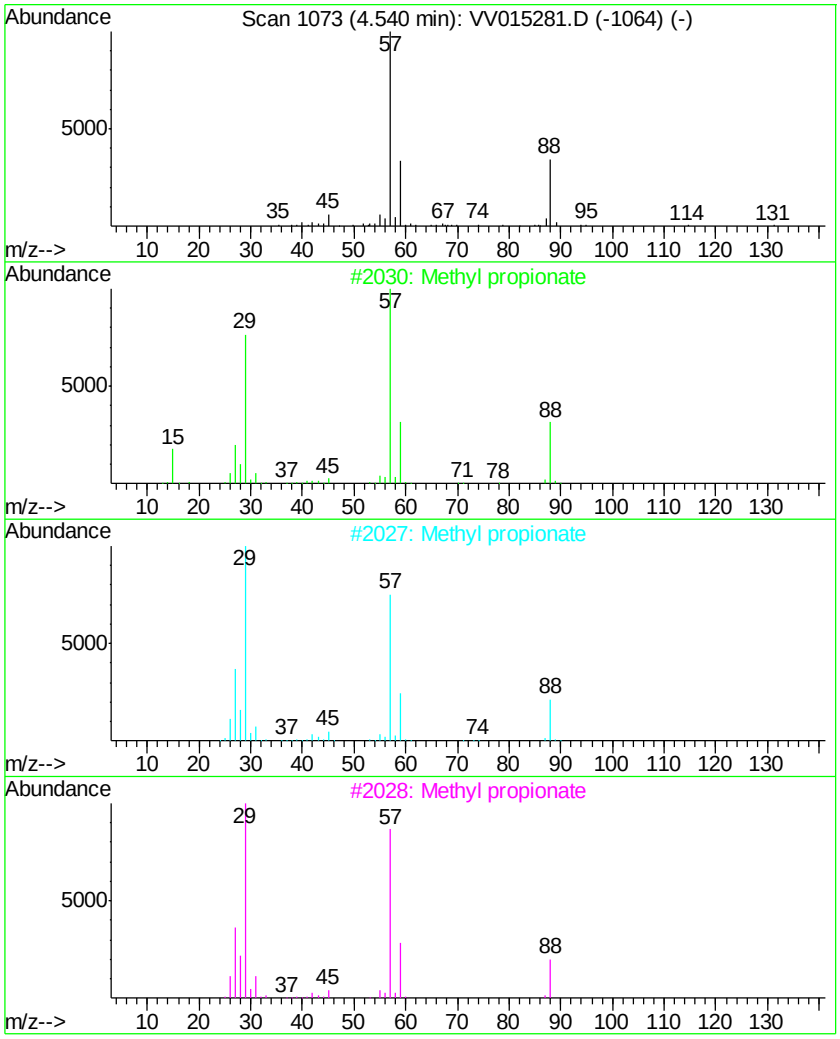
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

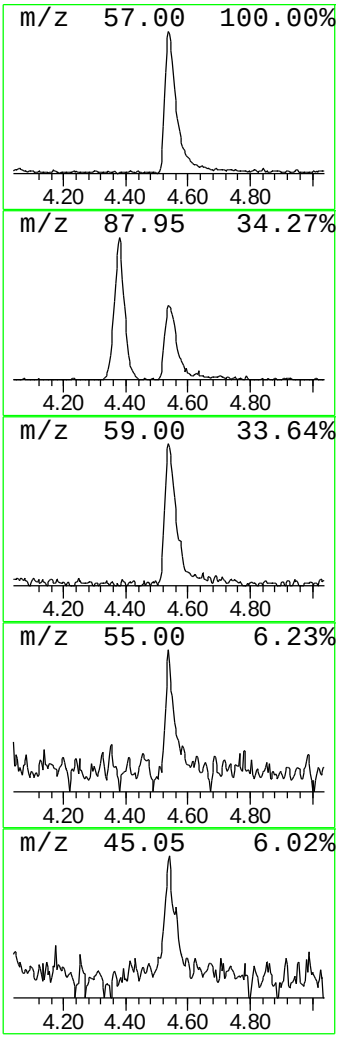
****

Peak Number 1 Methyl propionate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.54	2.83 ug/L	87640	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl propionate	88	C4H8O2	000554-12-1	86
2	Methyl propionate	88	C4H8O2	000554-12-1	83
3	Methyl propionate	88	C4H8O2	000554-12-1	83
4	Methyl propionate	88	C4H8O2	000554-12-1	53
5	di-tert-Butyl malonate	216	C11H20O4	000541-16-2	28





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Instrument : MSVOA_V
ClientSampleId : ETTG8

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
Quant Title : VOC Analysis

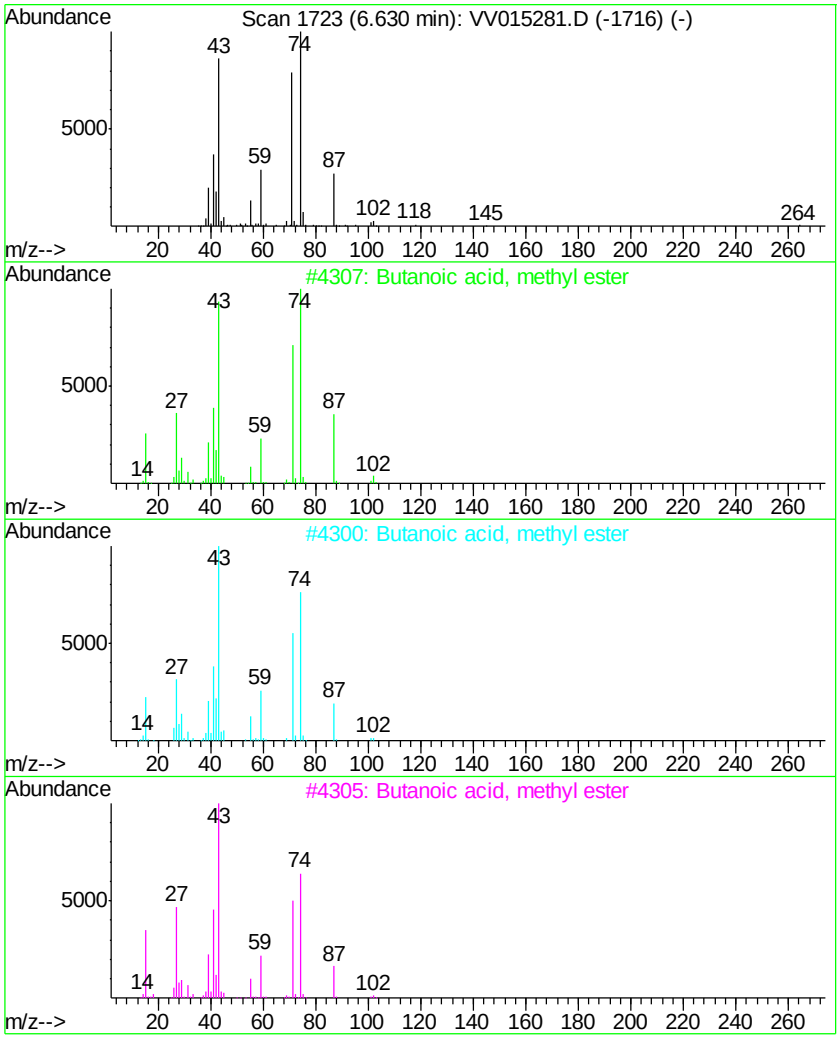
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

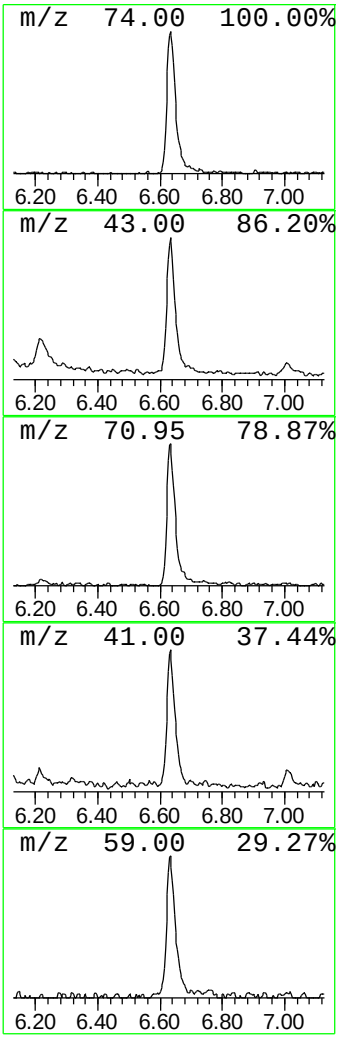
****

Peak Number 2 Butanoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	4.33 ug/L	134307	1,4-Difluorobenzene	5.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	94
2	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	91
3	Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	86
4	Trifluoroacetic acid, 2-tetrahyd...	198	C7H9F3O3	071239-15-1	35
5	Pentane, 2-bromo-	150	C5H11Br	000107-81-3	27





Tentatively Identified Compound (LSC) summary

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Quant Title : VOC Analysis

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Methyl propionate	4.54	2.8	ug/L	87640	1	5.64	1550190	50.0
Butanoic acid, me...	6.63	4.3	ug/L	134307	1	5.64	1550190	50.0