LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX101218\
Data File : VX005321.D
Acq On : 13 Oct 2018 04:31
Operator : JC/MD
Sample : J5197-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : HD-01-101118

Integration Parameters: RTEINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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_X\METHOD\82X101218W.M
Title : SW846 8260

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.629	66	78	82	rBV5	10575	29355	2.42%	0.369%
2	2.446	206	212	219	rBV	16225	27280	2.25%	0.343%
3	2.855	272	279	294	rVB	166353	317144	26.11%	3.988%
4	3.019	300	306	313	rVB	8726	20691	1.70%	0.260%
5	5.501	699	713	727	rBV2	141471	409987	33.76%	5.156%
6	5.665	728	740	760	rBV	248447	717903	59.11%	9.028%
7	6.068	792	806	822	rBV	161610	422628	34.80%	5.315%
8	6.458	859	870	896	rBV	119150	310382	25.55%	3.903%
9	6.860	924	936	954	rBV	369134	918293	75.61%	11.549%
10	7.884	1096	1104	1119	rBV	153269	272544	22.44%	3.428%
11	8.713	1233	1240	1263	rBV	734842	1214583	100.00%	15.275%
12	9.408	1350	1354	1358	rVB	15762	17944	1.48%	0.226%
13	9.543	1370	1376	1381	rBV	74767	104578	8.61%	1.315%
14	9.640	1388	1392	1405	rVB	23223	33051	2.72%	0.416%
15	9.969	1440	1446	1455	rBV	84831	119313	9.82%	1.500%
16	10.116	1463	1470	1485	rBV	749912	1040447	85.66%	13.085%
17	11.140	1632	1638	1655	rBV	604855	782249	64.40%	9.838%
18	11.432	1680	1686	1694	rBV2	6679	14361	1.18%	0.181%
19	11.810	1740	1748	1754	rVB	17934	24365	2.01%	0.306%
20	12.079	1786	1792	1799	rBV	816475	982308	80.88%	12.354%
21	13.347	1996	2000	2005	rVB3	8850	13000	1.07%	0.163%
22	13.481	2016	2022	2028	rBV2	8427	12524	1.03%	0.158%
23	13.834	2073	2080	2088	rVB	64482	82379	6.78%	1.036%
24	14.292	2146	2155	2162	rVB4	6220	12440	1.02%	0.156%
25	14.694	2214	2221	2225	rBV	21560	30912	2.55%	0.389%
26	14.840	2240	2245	2249	rBV	16501	20893	1.72%	0.263%

Sum of corrected areas: 7951554

LSC Report - Integrated Chromatogram

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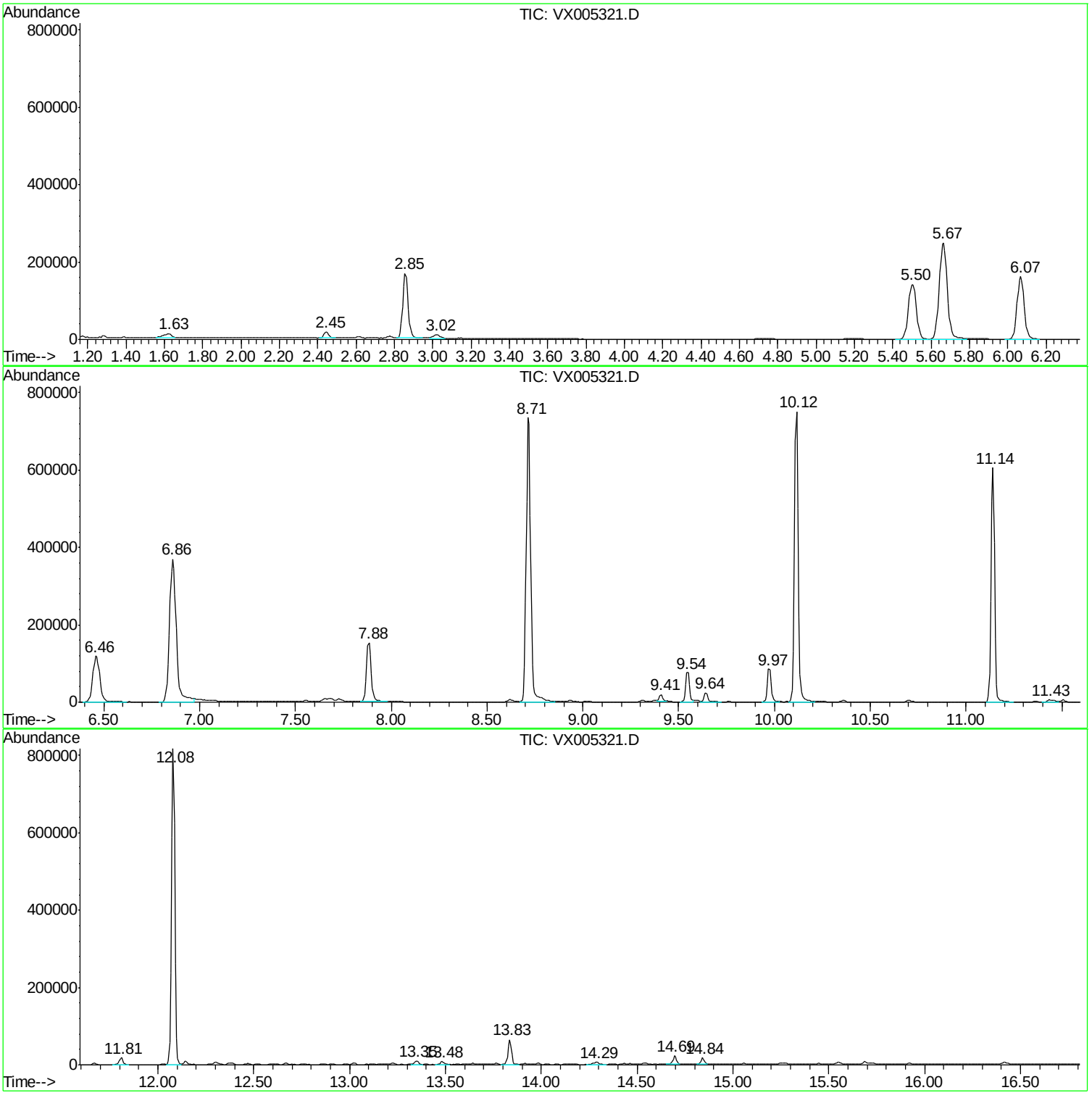
HD-01-101118

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
Quant Title : SW846 8260

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



Library Search Compound Report

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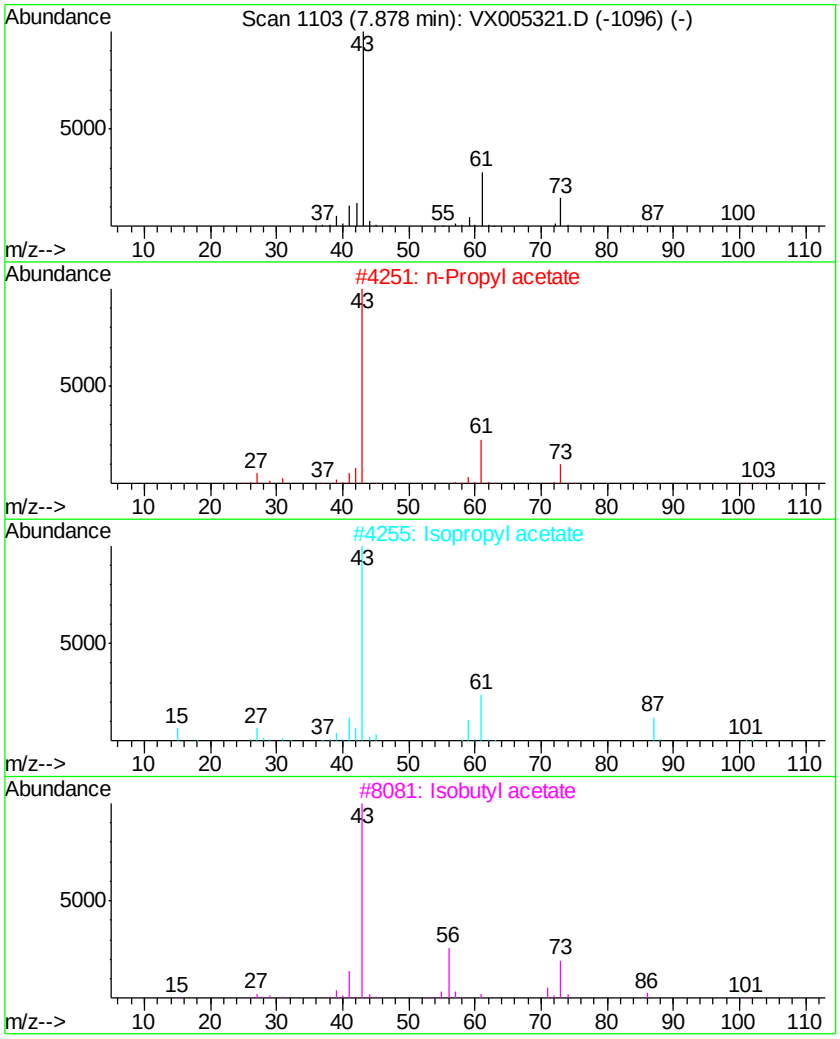
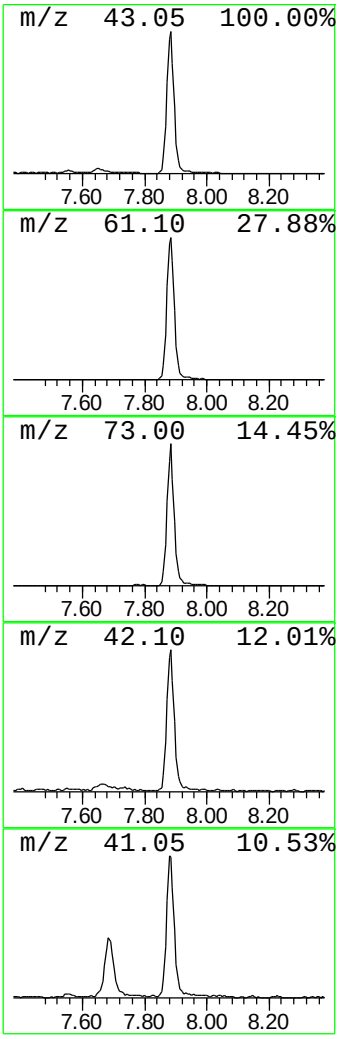
Peak Number 1 n-Propyl acetate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	14.84 ug/l	272544	1,4-Difluorobenzene	6.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Propyl acetate	102	C5H10O2	000109-60-4	83
2	Isopropyl acetate	102	C5H10O2	000108-21-4	36
3	Isobutyl acetate	116	C6H12O2	000110-19-0	9
4	Isobutylamine	73	C4H11N	000078-81-9	7
5	1-Butanamine	73	C4H11N	000109-73-9	7





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Quant Title : SW846 8260

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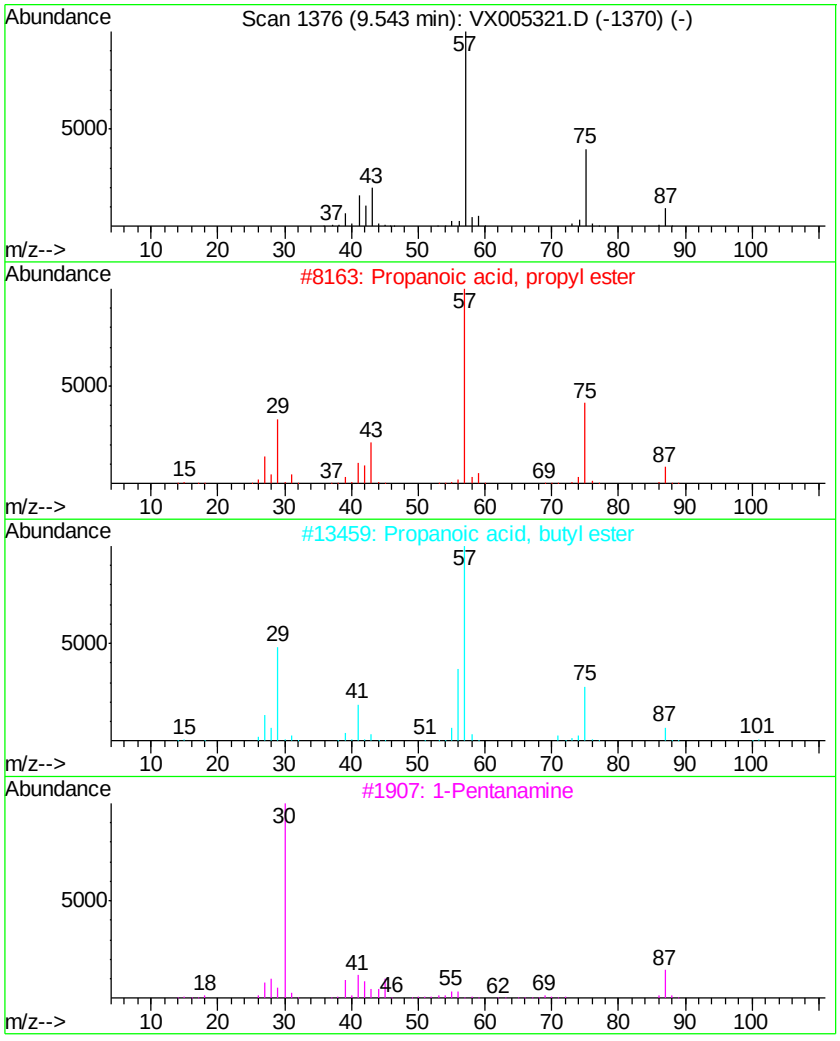
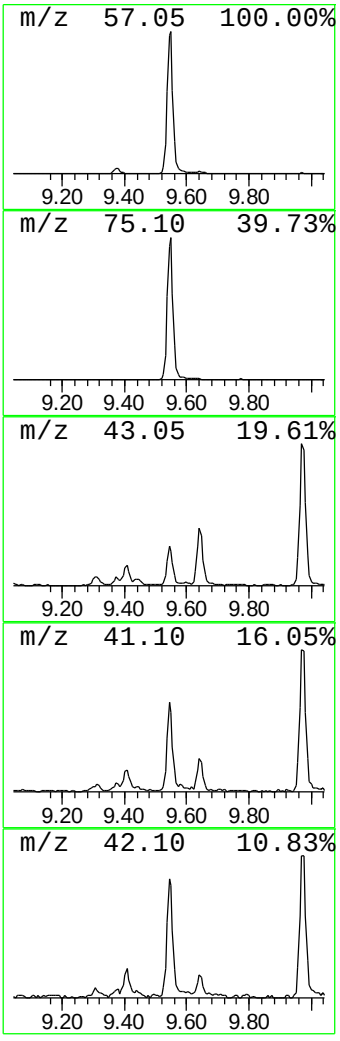
Peak Number 2 Propanoic acid, propyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	5.03 ug/l	104578	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	39
3	1-Pentanamine	87	C5H13N	000110-58-7	9
4	1-Butene, 4-butoxy-	128	C8H16O	034061-76-2	9
5	di-tert-Butyl dicarbonate	218	C10H18O5	024424-99-5	9





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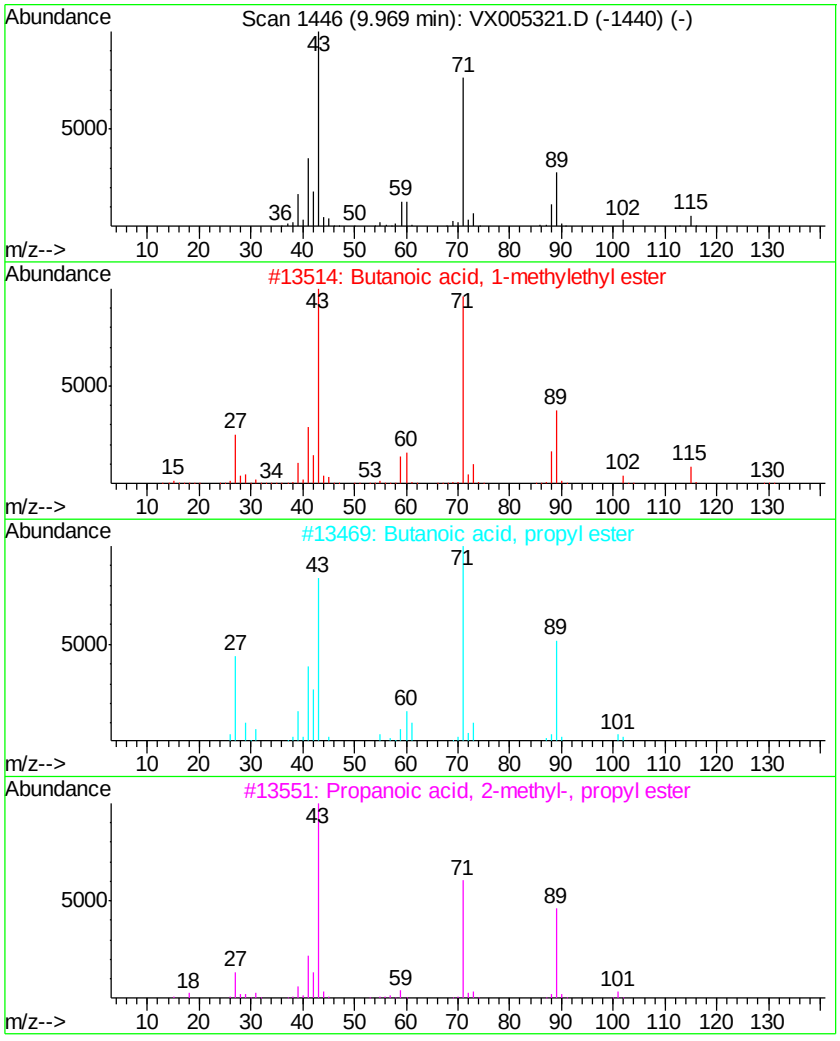
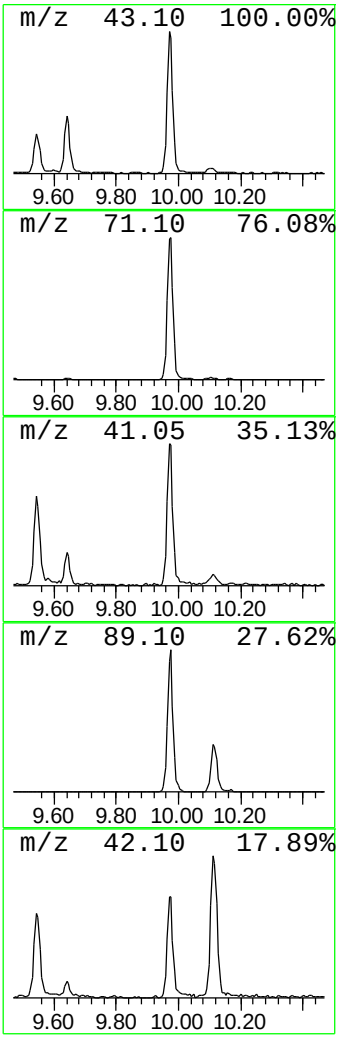
Peak Number 3 Butanoic acid, 1-methylethy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.97	5.73 ug/l	119313	Chlorobenzene-d5	10.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
2	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	72
3	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	64
4	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	64
5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	56





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
n-Propyl acetate	7.88	14.8	ug/l	272544	2	6.86	918293	50.0
Propanoic acid, p...	9.54	5.0	ug/l	104578	3	10.12	1040450	50.0
Butanoic acid, 1-...	9.97	5.7	ug/l	119313	3	10.12	1040450	50.0