LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100319\
Data File : VN058522.D
Acq On : 3 Oct 2019 19:46
Operator : JC/SP
Sample : K5180-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : 40092

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_N\METHODS\82N092719W.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	2.294	148	162	194	rBV	5856149	11113624	13.04%	5.994%
2	3.789	609	627	677	rBV	2886263	7798240	9.15%	4.206%
3	4.034	686	703	732	rVB	357311	992259	1.16%	0.535%
4	6.625	1492	1509	1547	rVB2	338991	989630	1.16%	0.534%
5	7.651	1816	1828	1858	rVB	491308	1182130	1.39%	0.638%
6	8.590	2098	2120	2169	rBV	30136084	85257793	100.00%	45.982%
7	8.834	2171	2196	2208	rVV	21041945	52407967	61.47%	28.265%
8	8.892	2209	2214	2246	rVB	1752102	2997536	3.52%	1.617%
9	10.085	2568	2585	2595	rBV	1282896	2425778	2.85%	1.308%
10	10.149	2595	2605	2631	rVB	3531189	6572969	7.71%	3.545%
11	10.345	2653	2666	2683	rBV	1107989	1931324	2.27%	1.042%
12	10.490	2699	2711	2734	rVB2	613210	1224183	1.44%	0.660%
13	10.792	2791	2805	2831	rBV	1690159	4332125	5.08%	2.336%
14	11.406	2983	2996	3018	rBV	1067081	1893133	2.22%	1.021%
15	11.622	3048	3063	3072	rBV	765474	1593629	1.87%	0.859%
16	12.406	3295	3307	3318	rBV	785030	1293449	1.52%	0.698%
17	13.348	3589	3600	3613	rBV	845029	1409912	1.65%	0.760%

Sum of corrected areas: 185415681

LSC Report - Integrated Chromatogram

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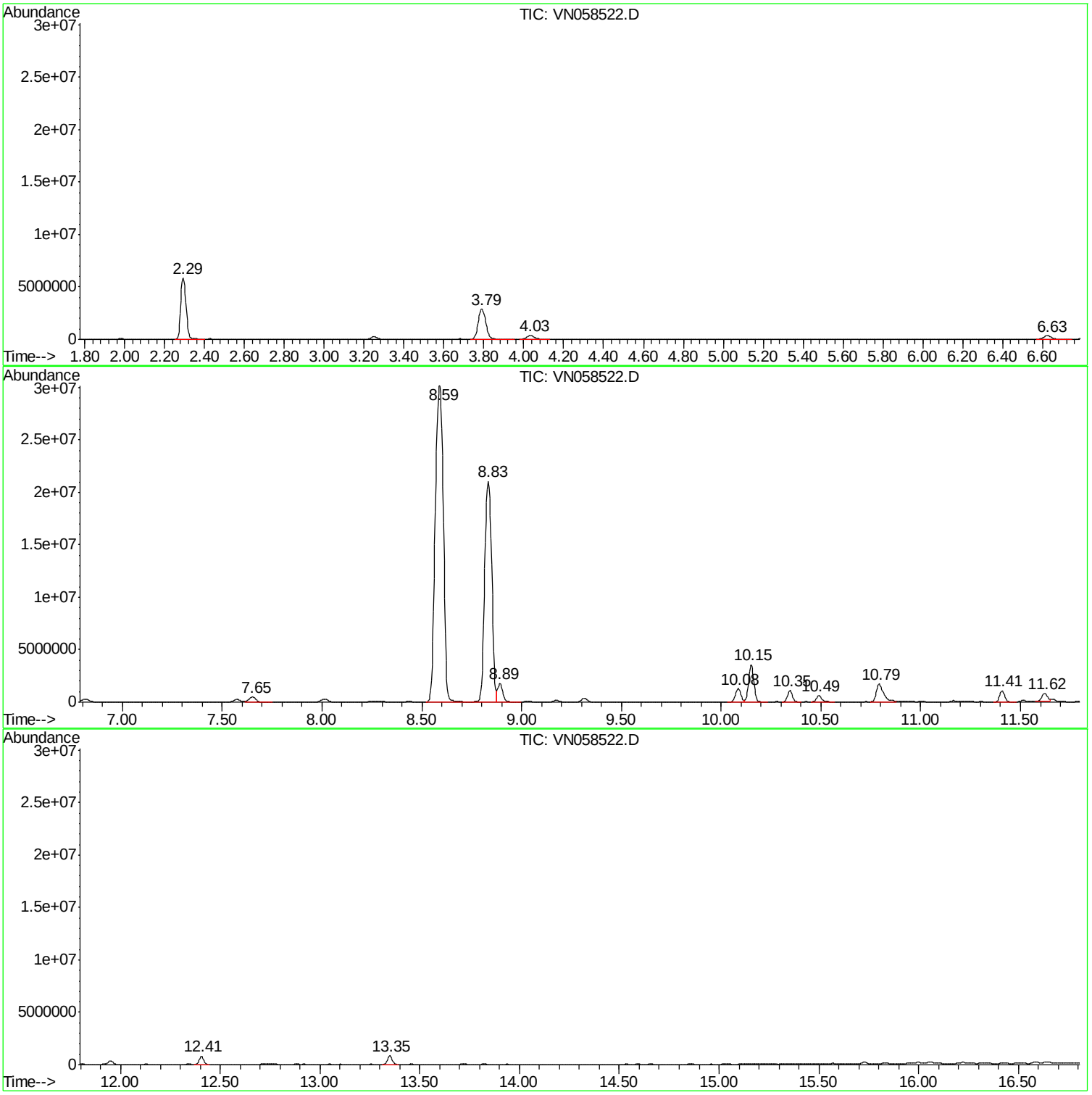
ClientSampleId : 40092

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
Quant Title : SW846 8260

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



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Quant Title : SW846 8260

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

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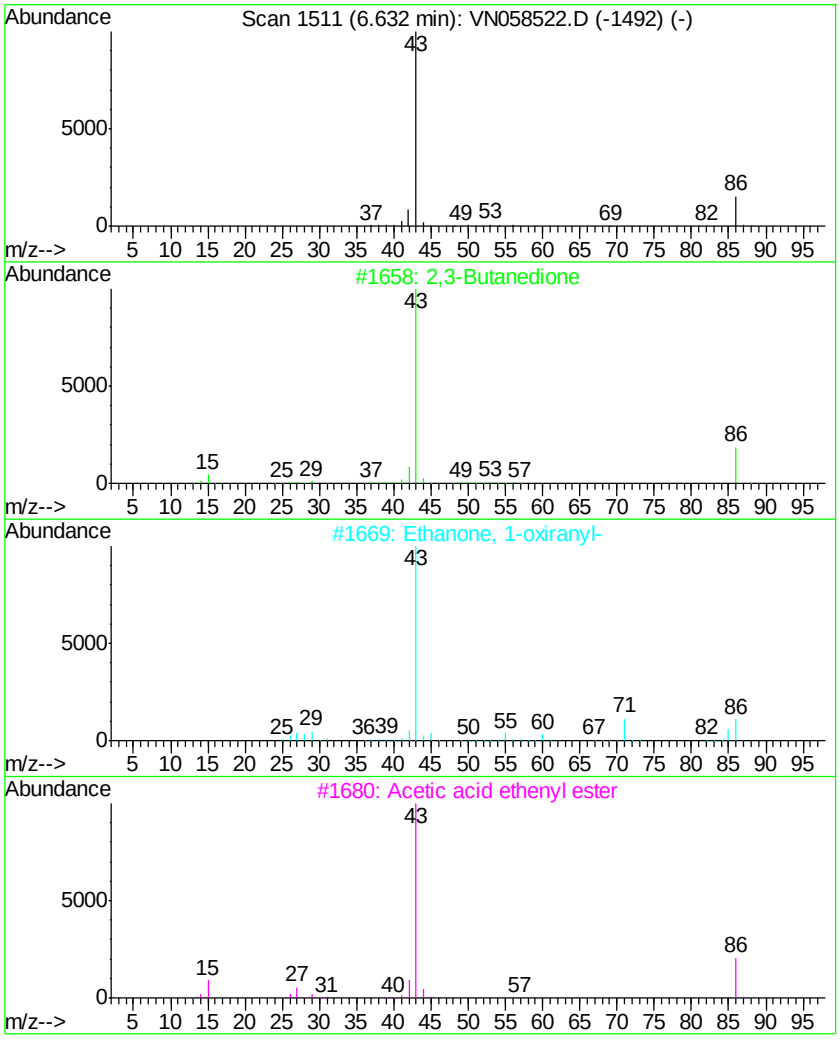
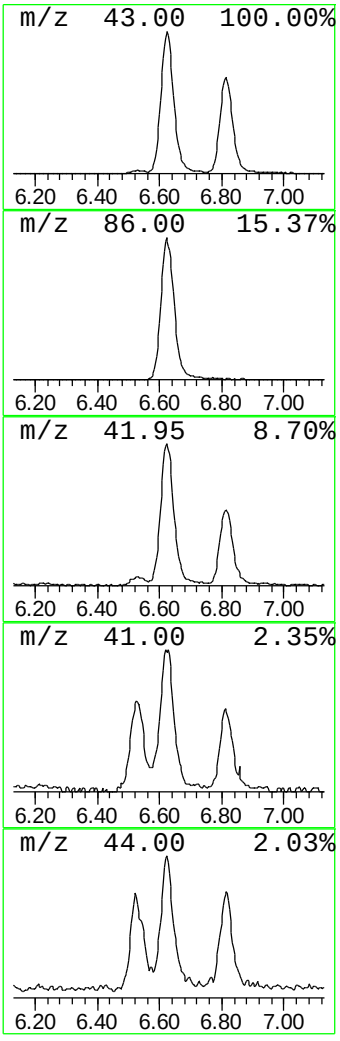
Peak Number 2 2,3-Butanedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	41.86 ug/l	989630	Pentafluorobenzene	7.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Butanedione	86	C4H6O2	000431-03-8	80
2	Ethanone, 1-oxiranyl-	86	C4H6O2	004401-11-0	50
3	Acetic acid ethenyl ester	86	C4H6O2	000108-05-4	9
4	2-Pentanone	86	C5H10O	000107-87-9	5
5	Azetidine, 1-nitroso-	86	C3H6N2O	015216-10-1	5





Library Search Compound Report

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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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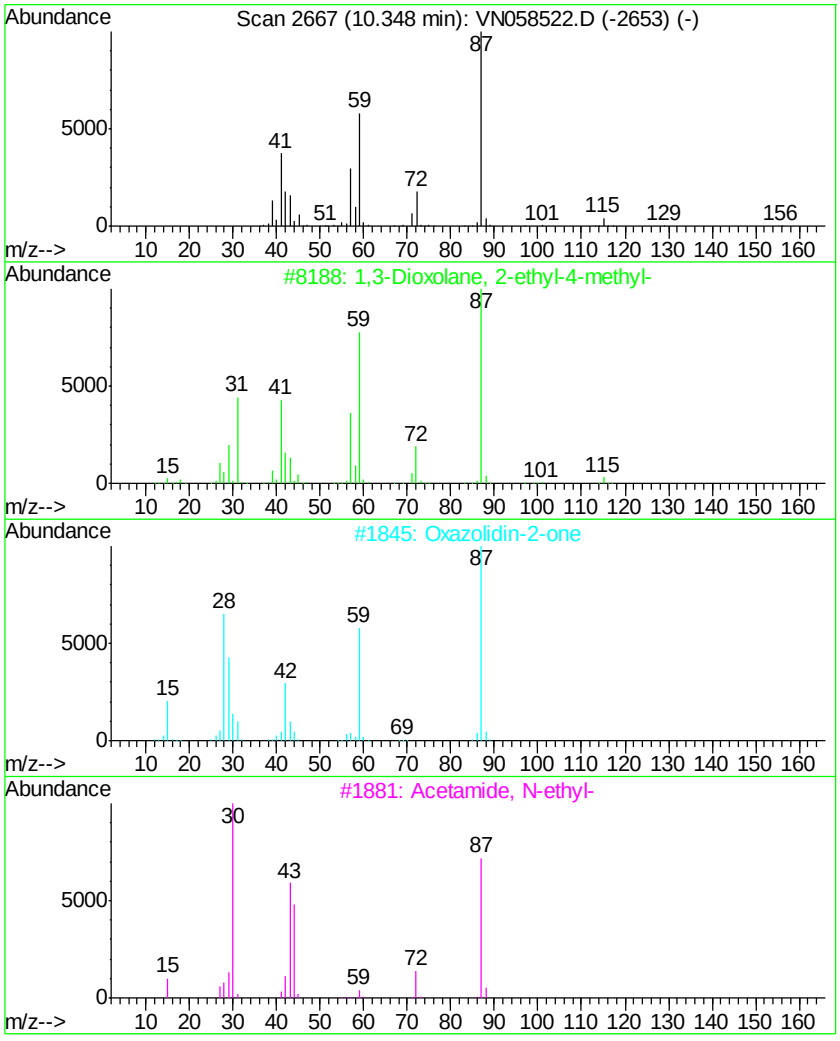
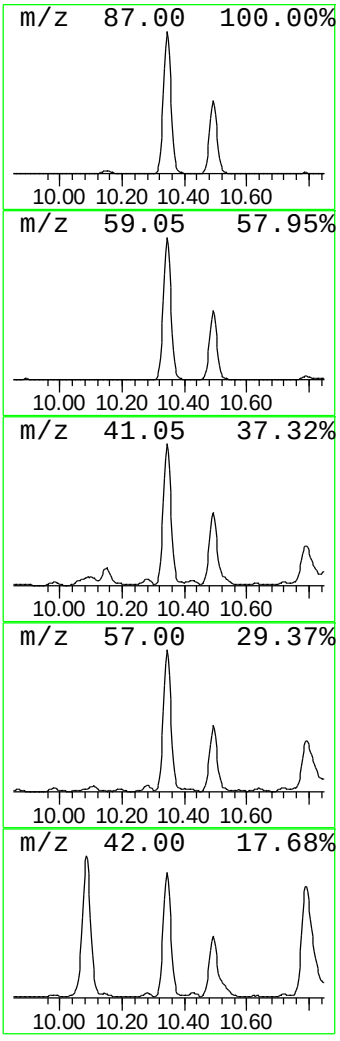
Peak Number 4 1,3-Dioxolane, 2-ethyl-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	51.01 ug/l	1931320	Chlorobenzene-d5	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-ethyl-4-methyl-	116	C6H12O2	004359-46-0	90
2	Oxazolidin-2-one	87	C3H5NO2	000497-25-6	72
3	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	50
4	Thiocyanic acid, ethyl ester	87	C3H5NS	000542-90-5	50
5	2-Propanone, O-methyloxime	87	C4H9NO	003376-35-0	50





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Quant Title : SW846 8260

TIC Library : C:\DATABASE\NIST11.L
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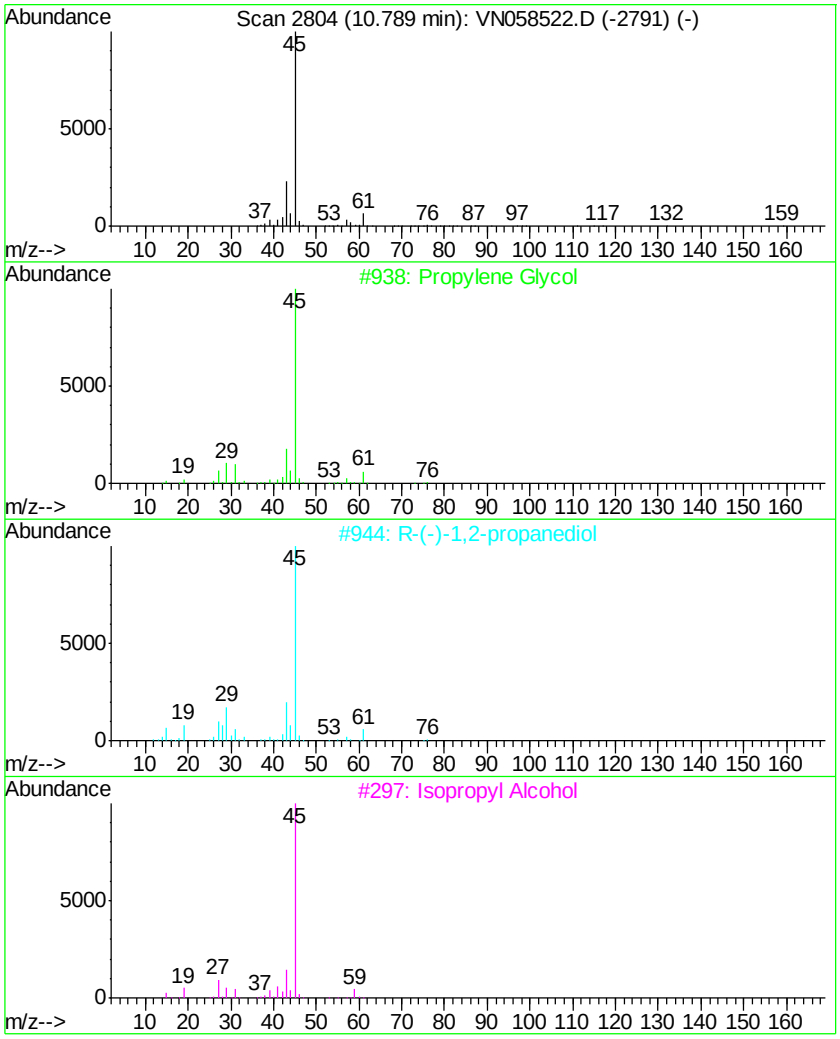
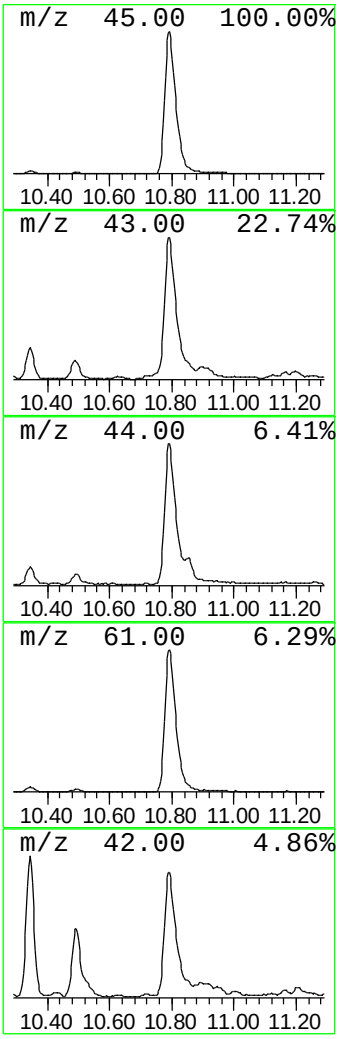
Peak Number 6 Propylene Glycol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	114.42 ug/l	4332130	Chlorobenzene-d5	11.41

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propylene Glycol	76	C3H8O2	000057-55-6	90
2	R-(-)-1,2-propanediol	76	C3H8O2	004254-14-2	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	72
4	2-Pentanol	88	C5H12O	006032-29-7	9
5	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	9





Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2,3-Butanedione	6.63	41.9	ug/l	989630	1	7.65	1182130	50.0
1,3-Dioxolane, 2-...	10.35	51.0	ug/l	1931320	3	11.41	1893130	50.0
Propylene Glycol	10.79	114.4	ug/l	4332130	3	11.41	1893130	50.0