LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU010519\
Data File : VU029040.D
Acq On : 04 Jan 2019 20:19
Operator : MD/SY
Sample : K1053-04 10X
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : COMP-2-DRUM

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_U\METHOD\82U010319W.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	1.283	27	34	45	rVB	164185	155719	12.95%	3.279%
2	1.469	83	92	111	rBV	1084382	1202612	100.00%	25.320%
3	2.013	250	261	280	rBV	130148	192874	16.04%	4.061%
4	3.984	862	874	907	rBV2	27405	71310	5.93%	1.501%
5	4.263	949	961	989	rBV2	19487	48709	4.05%	1.026%
6	4.881	1138	1153	1169	rBV2	92685	209474	17.42%	4.410%
7	4.980	1170	1184	1206	rVB	140478	305470	25.40%	6.431%
8	5.308	1272	1286	1304	rBV	99762	210442	17.50%	4.431%
9	5.884	1451	1465	1490	rBV	223204	437479	36.38%	9.211%
10	7.562	1970	1987	2009	rBV	345797	612405	50.92%	12.894%
11	9.086	2445	2461	2487	rBV	308356	514141	42.75%	10.825%
12	10.305	2829	2840	2860	rBV	230316	362838	30.17%	7.639%
13	11.482	3194	3206	3235	rVB	267230	426172	35.44%	8.973%

Sum of corrected areas: 4749645

LSC Report - Integrated Chromatogram

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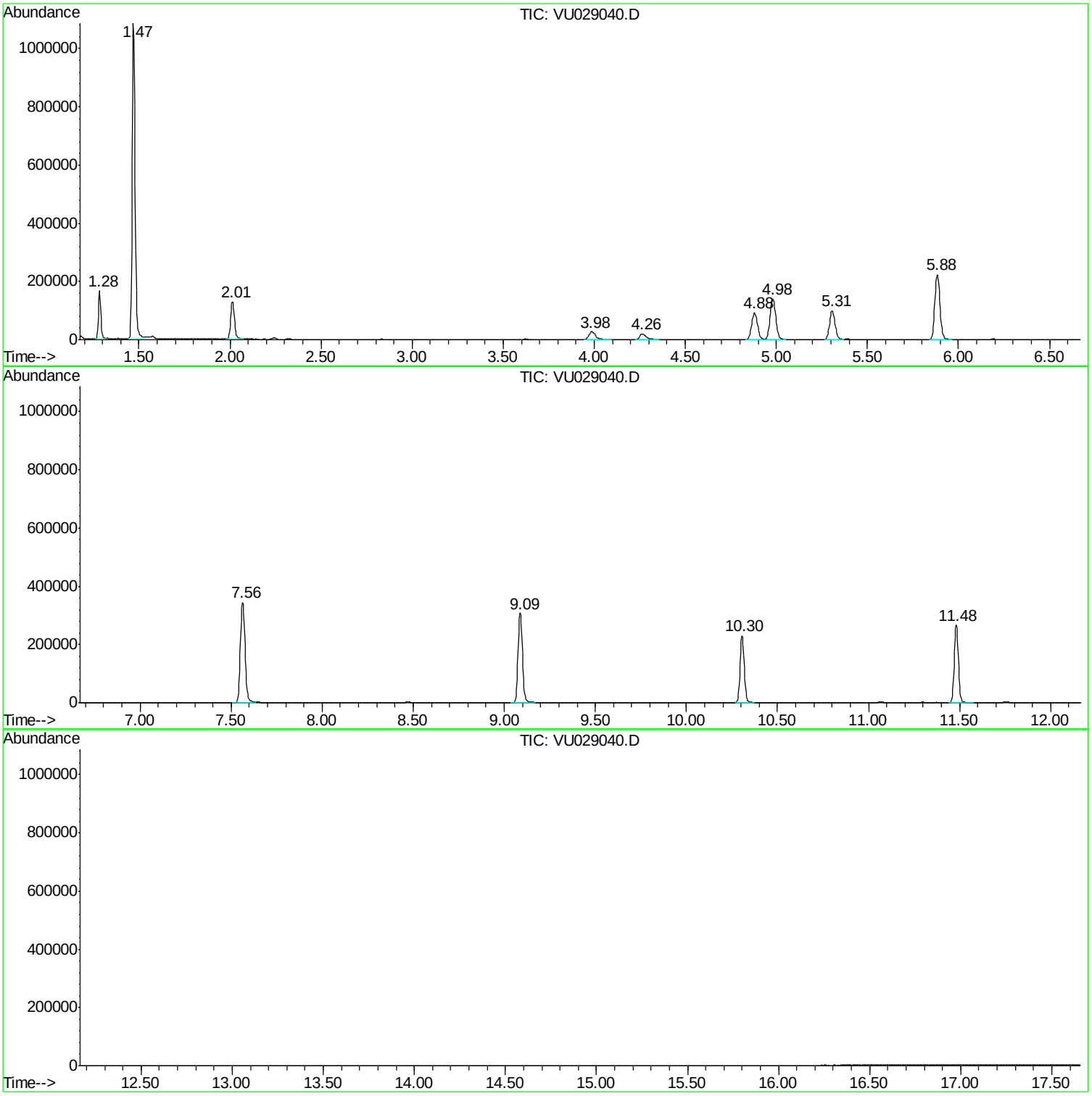
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U010319W.M
Quant Title : SW846 8260

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



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TIC Integration Parameters: LSCINT.P

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Peak Number 1 Acetaldehyde Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.47	196.85 ug/l	1202610	Pentafluorobenzene	4.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetaldehyde	44	C2H4O	000075-07-0	74
2	Ethylene oxide	44	C2H4O	000075-21-8	5
3	Propane	44	C3H8	000074-98-6	4
4	1,2-Propanediamine	74	C3H10N2	000078-90-0	4
5	Alanine	89	C3H7NO2	000056-41-7	4

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Peak Number 2 Ethanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.01	31.57 ug/l	192874	Pentafluorobenzene	4.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	74
2	Dimethyl ether	46	C2H6O	000115-10-6	9
3	Methane, nitroso-	45	CH3NO	000865-40-7	4
4	Formic acid	46	CH2O2	000064-18-6	4
5	Oxalic acid	90	C2H2O4	000144-62-7	4

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Peak Number 3 Butanal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.98	11.67 ug/l	71310	Pentafluorobenzene	4.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	91
2	Propanal, 2-methyl-	72	C4H8O	000078-84-2	52
3	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	43
4	Ethene, ethoxy-	72	C4H8O	000109-92-2	40
5	Isobutylene epoxide	72	C4H8O	000558-30-5	27

Tentatively Identified Compound (LSC) summary

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Quant Title : SW846 8260

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Acetaldehyde	1.47	196.8	ug/l	1202610	1	4.98	305470	50.0
Ethanol	2.01	31.6	ug/l	192874	1	4.98	305470	50.0
Butanal	3.98	11.7	ug/l	71310	1	4.98	305470	50.0