LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020420\
Data File : VX014804.D
Acq On : 04 Feb 2020 13:16
Operator : JC/SP
Sample : L1329-18
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : COMP-11

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\82X012220W.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	1.070	26	30	43	rBV	752670	974794	2.55%	1.538%
2	1.472	93	96	115	rBV	28608961	38255607	100.00%	60.365%
3	2.100	193	199	209	rBV	701505	1043496	2.73%	1.647%
4	2.344	232	239	246	rBV	346256	557895	1.46%	0.880%
5	2.430	247	253	265	rVB	786015	1248131	3.26%	1.969%
6	2.588	270	279	295	rBV	2859404	4948287	12.93%	7.808%
7	2.850	315	322	333	rBV	432429	817690	2.14%	1.290%
8	4.319	553	563	581	rBV	472686	1278267	3.34%	2.017%
9	4.655	610	618	632	rBV	204830	577643	1.51%	0.911%
10	5.490	744	755	769	rBV2	236550	683525	1.79%	1.079%
11	5.648	771	781	794	rVB	411253	1162824	3.04%	1.835%
12	6.051	837	847	854	rBV	268302	685149	1.79%	1.081%
13	6.136	854	861	868	rVB	165915	421943	1.10%	0.666%
14	6.849	964	978	990	rBV	683879	1668146	4.36%	2.632%
15	7.282	1040	1049	1069	rBV	203763	442712	1.16%	0.699%
16	8.709	1277	1283	1289	rBV	1386129	2096798	5.48%	3.309%
17	8.776	1289	1294	1300	rVB	464895	707554	1.85%	1.116%
18	10.105	1507	1512	1520	rVB	1382038	1868609	4.88%	2.949%
19	11.129	1675	1680	1686	rBV	1117328	1450067	3.79%	2.288%
20	12.074	1831	1835	1842	rVB	1470530	1811356	4.73%	2.858%
21	12.263	1862	1866	1878	rBV	465873	673721	1.76%	1.063%

Sum of corrected areas: 63374214

LSC Report - Integrated Chromatogram

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MSVOA_X
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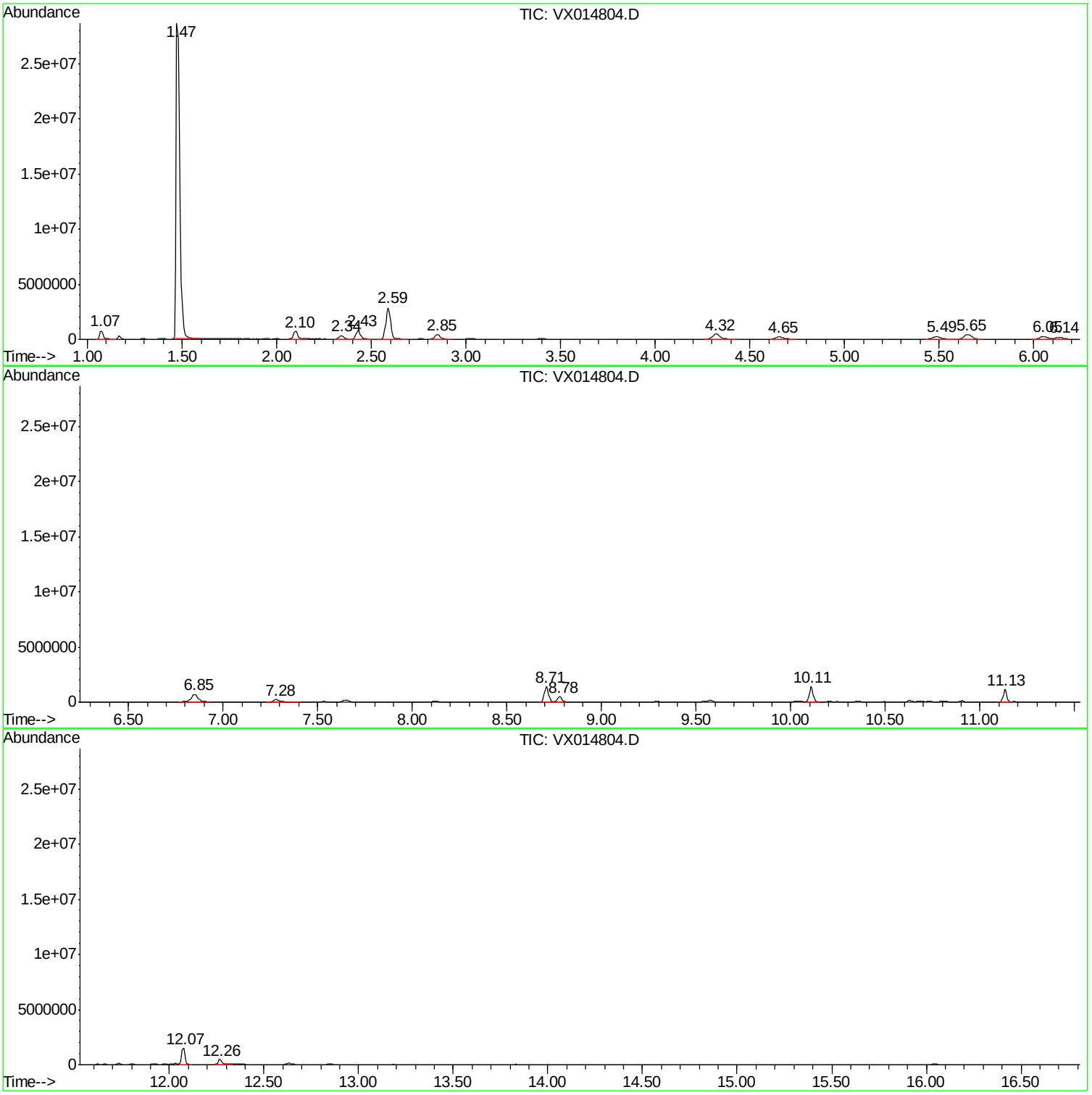
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260

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



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Peak Number 1 Ethanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.10	44.87 ug/l	1043500	Pentafluorobenzene	5.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol	46	C2H6O	000064-17-5	64
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 2 Propanal Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.34	23.99 ug/l	557895	Pentafluorobenzene	5.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanal	58	C3H6O	000123-38-6	78
2	Trimethylene oxide	58	C3H6O	000503-30-0	56
3	Quinolin-2(1H)-one, 3,4,5,6,7,8-...	208	C12H20N2O	1000259-95-6	9
4	Oxirane, methyl-, (S)-	58	C3H6O	016088-62-3	7
5	Propylene oxide	58	C3H6O	000075-56-9	7

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Peak Number 3 Isopropyl Alcohol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	212.77 ug/l	4948290	Pentafluorobenzene	5.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Hydrazine, 1,2-dimethyl-	60	C2H8N2	000540-73-8	9
3	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	9
4	Formamide	45	CH3NO	000075-12-7	5
5	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	002155-30-8	4

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Peak Number 4 Butanal Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.

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ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : COMP-11

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
Quant Title : SW846 8260

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

4.32	54.96 ug/l	1278270	Pentafluorobenzene	5.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanal	72	C4H8O	000123-72-8	94
2	Propanal, 2-methyl-	72	C4H8O	000078-84-2	52
3	Ethene, ethoxy-	72	C4H8O	000109-92-2	47
4	1-Propene, 3-methoxy-	72	C4H8O	000627-40-7	32
5	3-Butenamide	85	C4H7NO	028446-58-4	28

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Peak Number 5 1-Butanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	13.27 ug/l	442712	1,4-Difluorobenzene	6.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	87
2	3,3-Diethyldiaziridine	100	C5H12N2	052175-94-7	72
3	Cyclobutanone, 3,3-dimethyl-	98	C6H10O	001192-33-2	45
4	Cyanic acid, propyl ester	85	C4H7NO	001768-36-1	45
5	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	42

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Peak Number 6 1-Hexanol, 2-ethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	18.60 ug/l	673721	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	50
3	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	47
4	2-Ethyl-1-hexanol, methyl ether	144	C9H20O	1000365-10-2	47
5	Carbonic acid, isobutyl 2-ethylh...	230	C13H26O3	1000357-82-9	42

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
Ethanol	2.10	44.9	ug/l	1043500	1	5.65	1162820	50.0
Propanal	2.34	24.0	ug/l	557895	1	5.65	1162820	50.0
Isopropyl Alcohol	2.59	212.8	ug/l	4948290	1	5.65	1162820	50.0
Butanal	4.32	55.0	ug/l	1278270	1	5.65	1162820	50.0
1-Butanol	7.28	13.3	ug/l	442712	2	6.85	1668150	50.0
1-Hexanol, 2-ethyl-	12.26	18.6	ug/l	673721	4	12.07	1811360	50.0