LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100719\
Data File : VX012841.D
Acq On : 07 Oct 2019 16:23
Operator : JC/SP
Sample : K5154-14
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-103D

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\82X092319W.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	40	rBV	521076	655035	67.24%	11.382%
2	1.265	58	62	65	rBV	51778	58769	6.03%	1.021%
3	1.302	65	68	80	rBV	38799	133658	13.72%	2.323%
4	2.436	248	254	260	rBV	5973	10168	1.04%	0.177%
5	2.594	270	280	288	rBV	43448	83280	8.55%	1.447%
6	5.490	742	755	768	rBV	106787	304737	31.28%	5.295%
7	5.654	768	782	800	rVV	201723	560821	57.57%	9.745%
8	6.057	836	848	865	rBV	125300	331871	34.07%	5.767%
9	6.849	968	978	1000	rBV	301514	728506	74.78%	12.659%
10	8.709	1276	1283	1299	rBV	613731	974175	100.00%	16.928%
11	10.111	1506	1513	1531	rBV	567709	786663	80.75%	13.669%
12	11.135	1675	1681	1694	rVB	419782	538787	55.31%	9.362%
13	12.074	1830	1835	1843	rBV	481400	588426	60.40%	10.225%

Sum of corrected areas: 5754896

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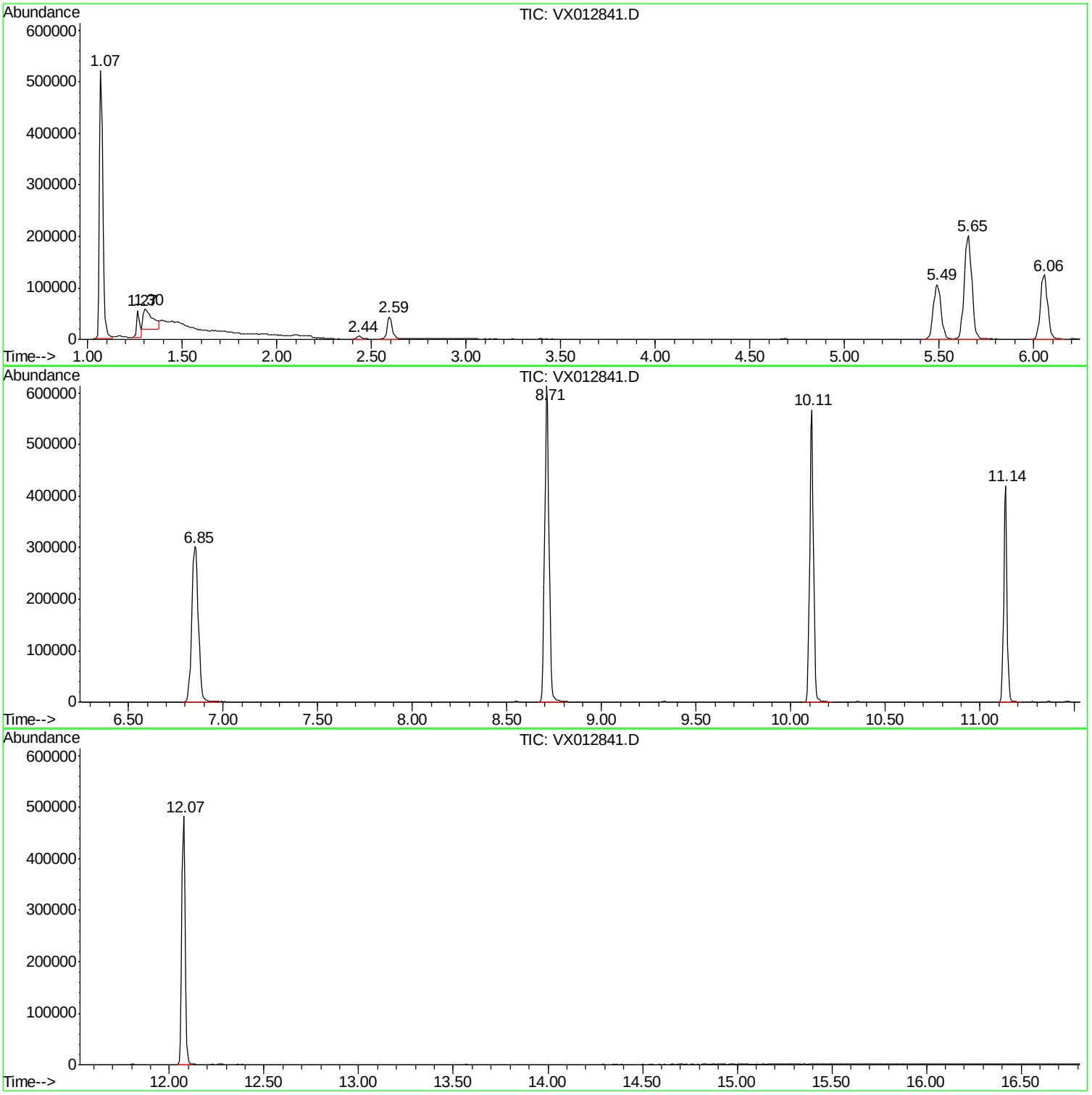
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260

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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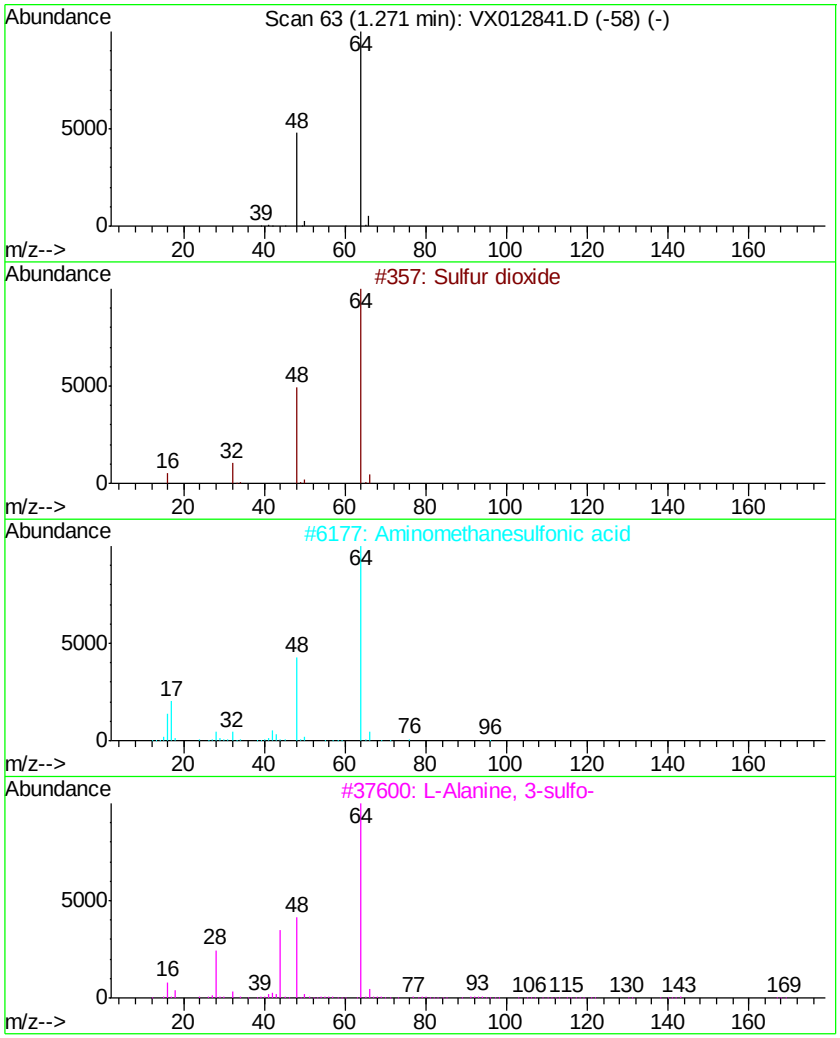
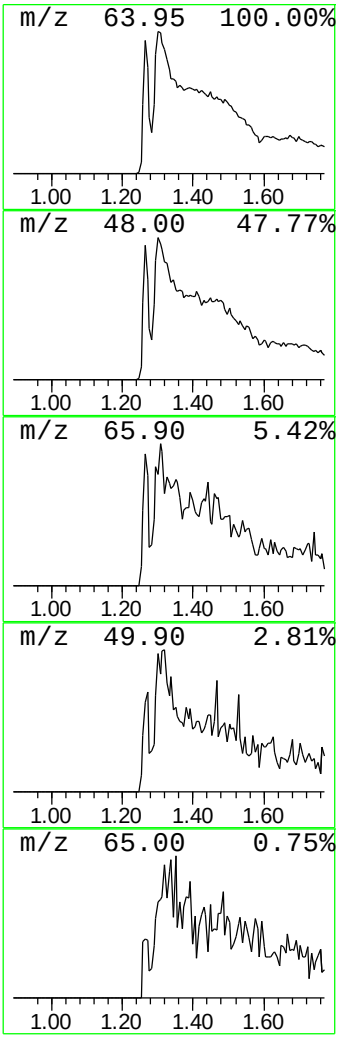
Peak Number 2 Sulfur dioxide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.27	5.24 ug/l	58769	Pentafluorobenzene	5.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4
5	Ethyl Chloride	64	C2H5Cl	000075-00-3	3





Library Search Compound Report

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ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : MW-103D

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
Quant Title : SW846 8260

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

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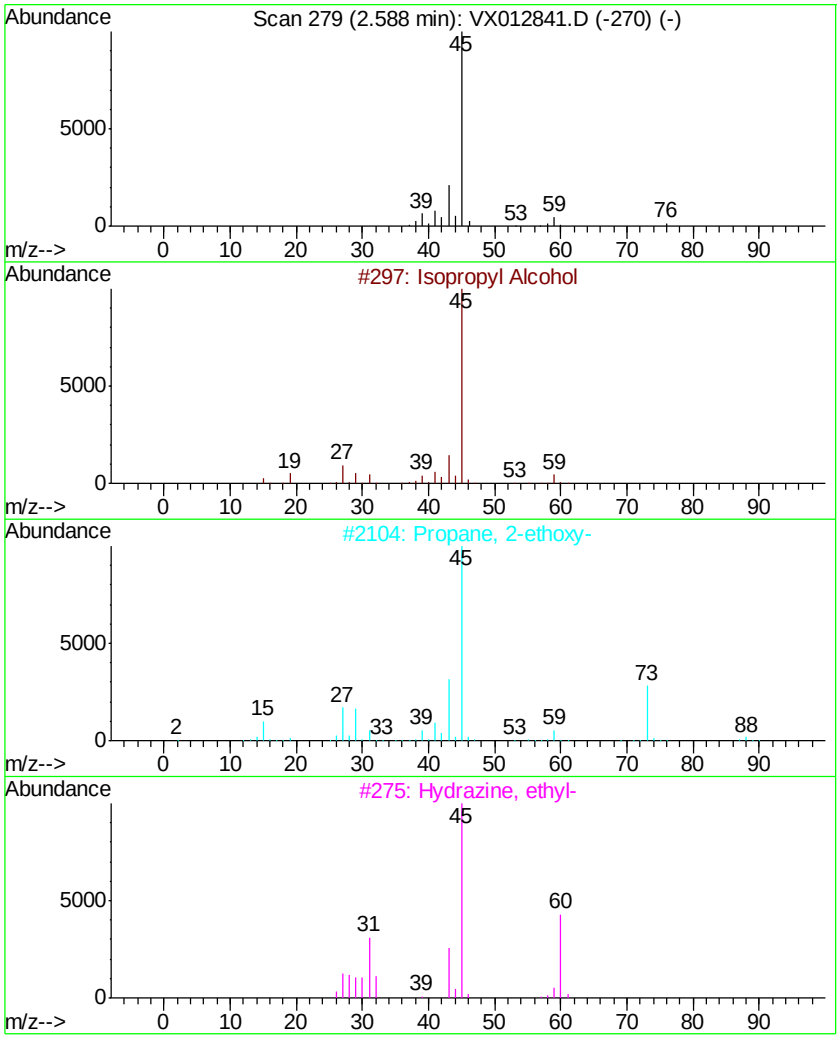
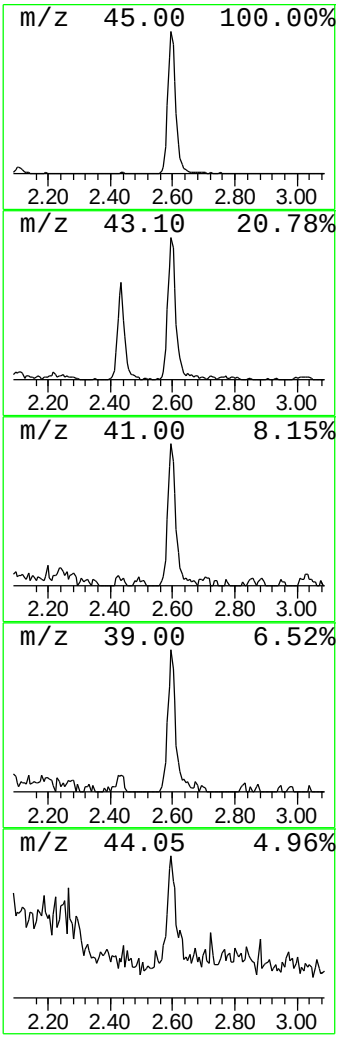
Peak Number 4 Isopropyl Alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.59	7.42 ug/l	83280	Pentafluorobenzene	5.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Propane, 2-ethoxy-	88	C5H12O	000625-54-7	40
3	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	40
4	(S)-(+)-2-Pentanol	88	C5H12O	026184-62-3	9
5	Formic acid, 1-methylethyl ester	88	C4H8O2	000625-55-8	9





Tentatively Identified Compound (LSC) summary

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ClientSampleId : MW-103D

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
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
Sulfur dioxide	1.27	5.2	ug/l	58769	1	5.65	560821	50.0
Isopropyl Alcohol	2.59	7.4	ug/l	83280	1	5.65	560821	50.0