LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112118\
Data File : VX006123.D
Acq On : 21 Nov 2018 14:46
Operator : JC/MD
Sample : J6030-02 20X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : DTW-03

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\82X112018W.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	1.325	21	28	46	rBV	554208	2413395	13.77%	8.139%
2	1.581	67	70	76	rVB	413782	508440	2.90%	1.715%
3	2.574	225	233	265	rBV	9784643	17524940	100.00%	59.099%
4	5.501	703	713	727	rBV	194591	554585	3.16%	1.870%
5	5.665	727	740	753	rBV	331985	926483	5.29%	3.124%
6	6.068	793	806	814	rBV	213940	564653	3.22%	1.904%
7	6.860	925	936	947	rBV	492673	1142920	6.52%	3.854%
8	8.713	1233	1240	1247	rBV	1007547	1558999	8.90%	5.257%
9	10.116	1463	1470	1482	rBV	970532	1370143	7.82%	4.621%
10	11.140	1632	1638	1652	rVB	834282	1087937	6.21%	3.669%
11	12.079	1786	1792	1799	rBV	1100261	1361351	7.77%	4.591%
12	13.834	2075	2080	2089	rBV	543793	639518	3.65%	2.157%

Sum of corrected areas: 29653364

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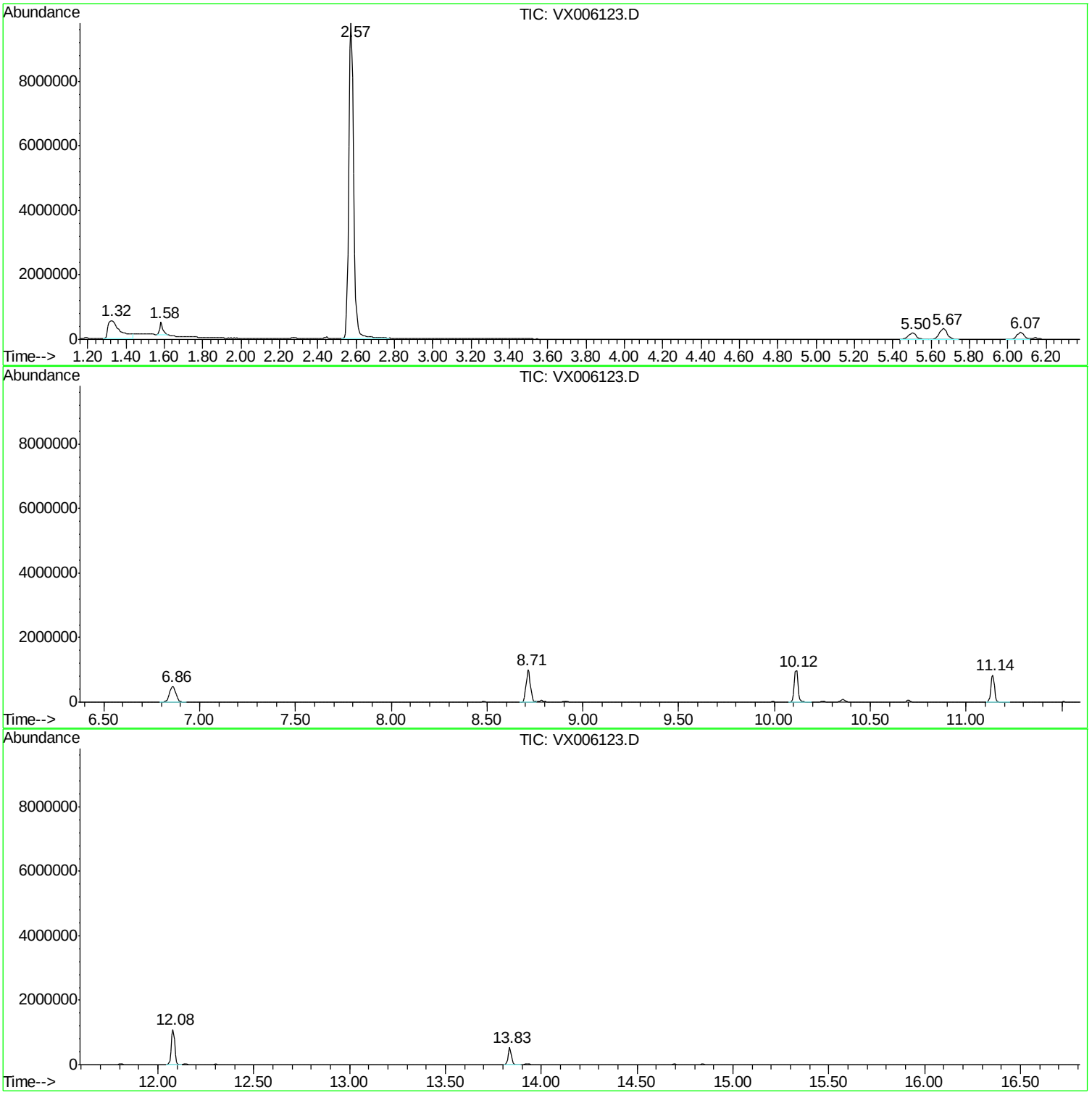
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.M
Quant Title : SW846 8260

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



Library Search Compound Report

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Quant Title : SW846 8260

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

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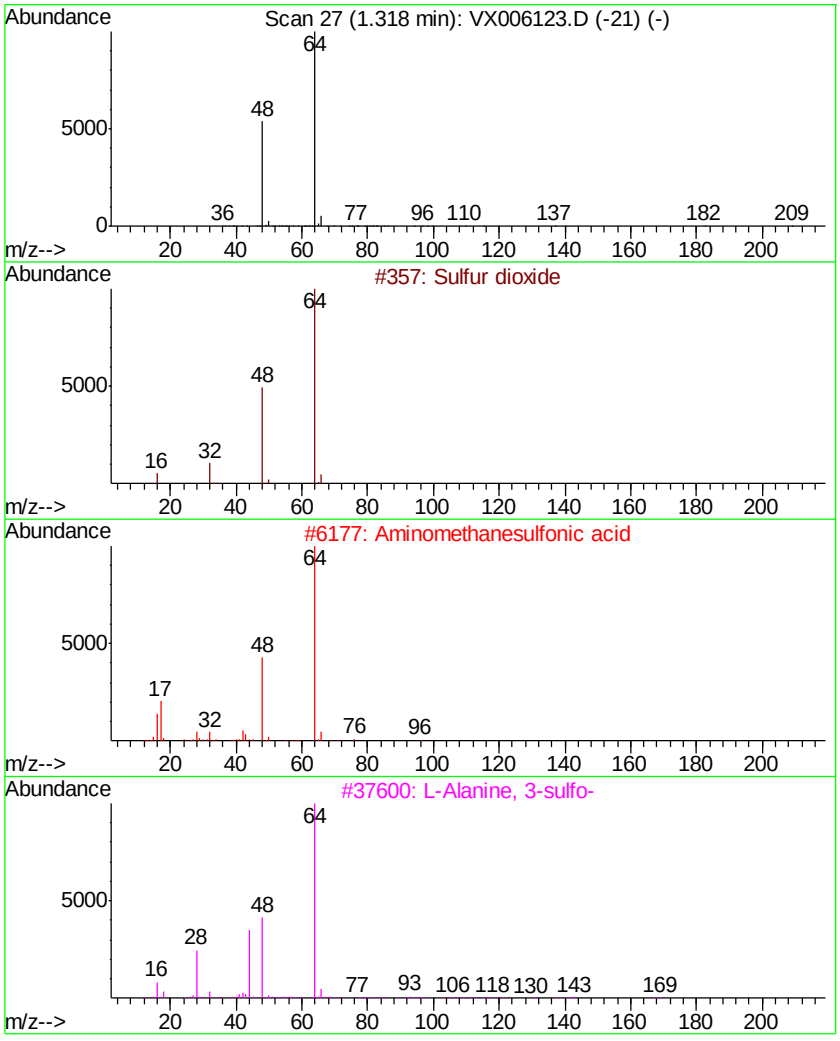
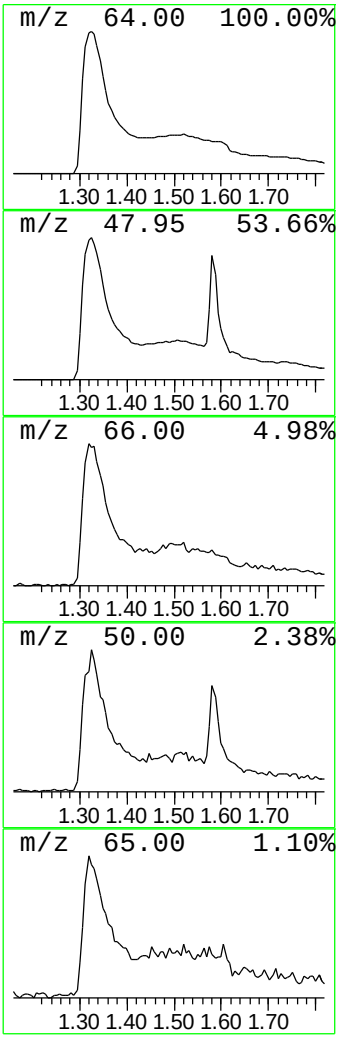
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.32	130.25 ug/l	2413400	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
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





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Quant Title : SW846 8260

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

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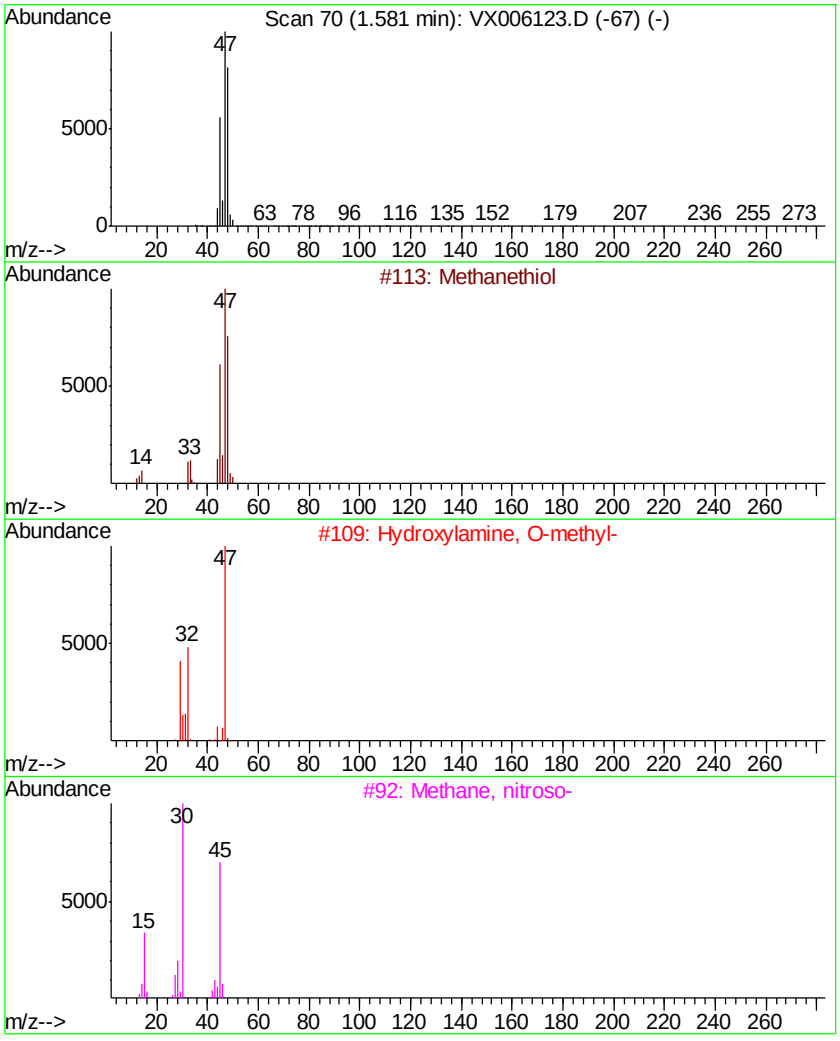
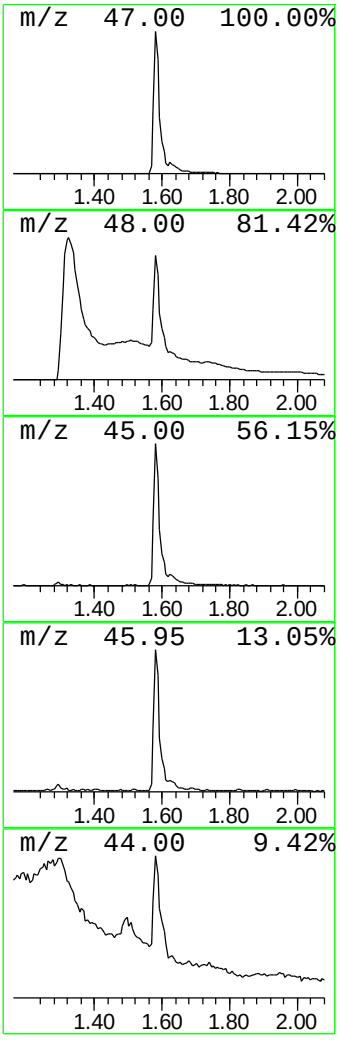
Peak Number 2 Methanethiol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.58	27.44 ug/l	508440	Pentafluorobenzene	5.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	91
2	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	7
3	Methane, nitroso-	45	CH3NO	000865-40-7	5
4	Ethane, fluoro-	48	C2H5F	000353-36-6	4
5	Formamide	45	CH3NO	000075-12-7	4





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112018W.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	1.32	130.3	ug/l	2413400	1	5.67	926483	50.0
Methanethiol	1.58	27.4	ug/l	508440	1	5.67	926483	50.0