LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100219\
Data File : VX012766.D
Acq On : 02 Oct 2019 18:00
Operator : JC/SP
Sample : K5159-01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TB-01-191001

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	43	rBV	363591	460475	47.79%	8.479%
2	1.265	58	62	75	rBV	58257	71703	7.44%	1.320%
3	3.003	338	347	358	rVB	5433	12667	1.31%	0.233%
4	5.490	739	755	768	rBV	104829	303726	31.52%	5.593%
5	5.649	769	781	796	rVV	191215	542488	56.30%	9.990%
6	6.051	838	847	862	rBV	125430	332944	34.55%	6.131%
7	6.850	967	978	995	rBV	304850	719195	74.63%	13.243%
8	8.709	1276	1283	1303	rBV	605056	963636	100.00%	17.745%
9	10.111	1507	1513	1527	rBV	559881	796354	82.64%	14.664%
10	11.135	1675	1681	1691	rBV	431682	566173	58.75%	10.426%
11	12.074	1829	1835	1845	rBV	544733	661196	68.61%	12.175%

Sum of corrected areas: 5430557

LSC Report - Integrated Chromatogram

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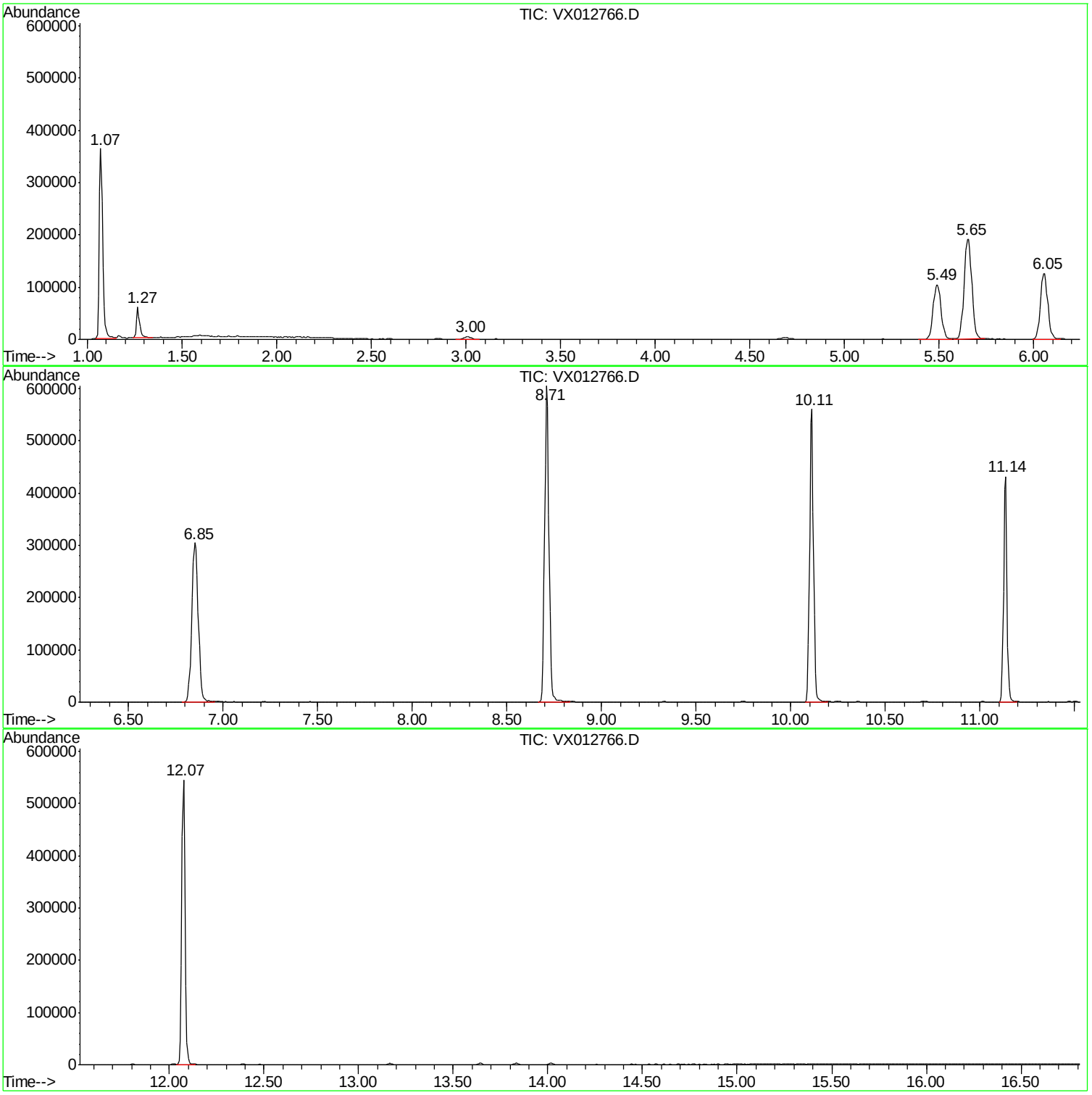
Instrument :
MSVOA_X
ClientSampleId :
TB-01-191001

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



Library Search Compound Report

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Instrument : MSVOA_X
ClientSampleId : TB-01-191001

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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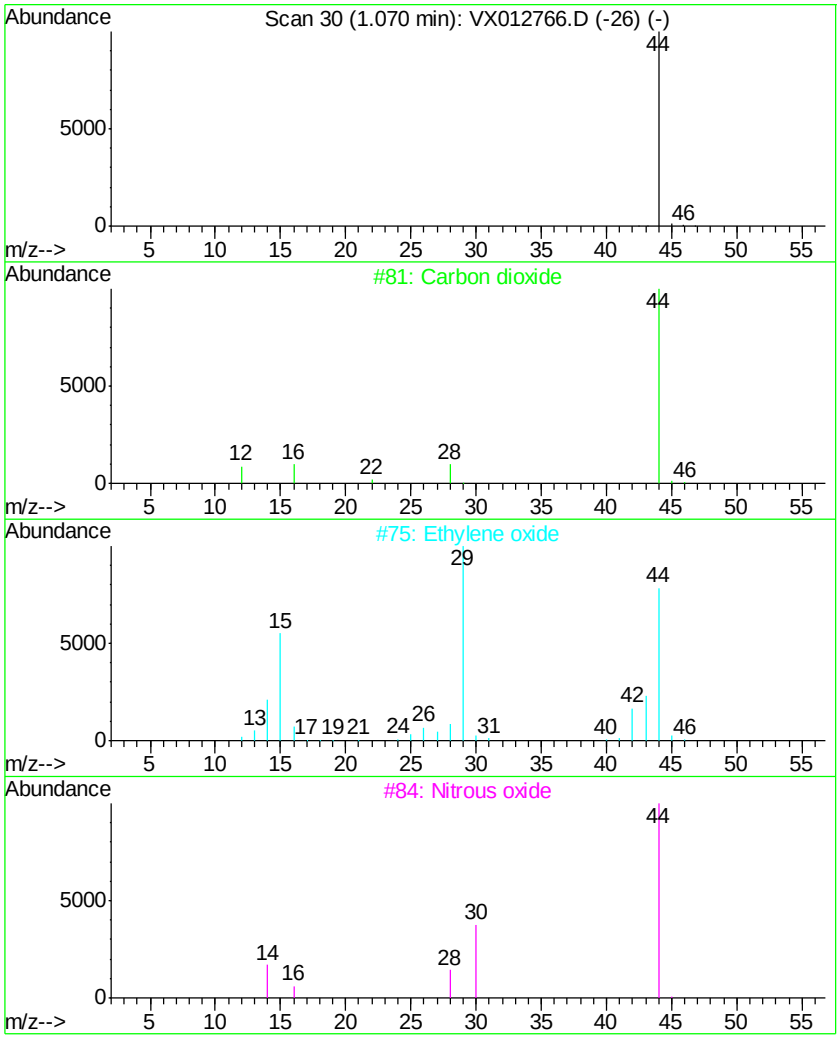
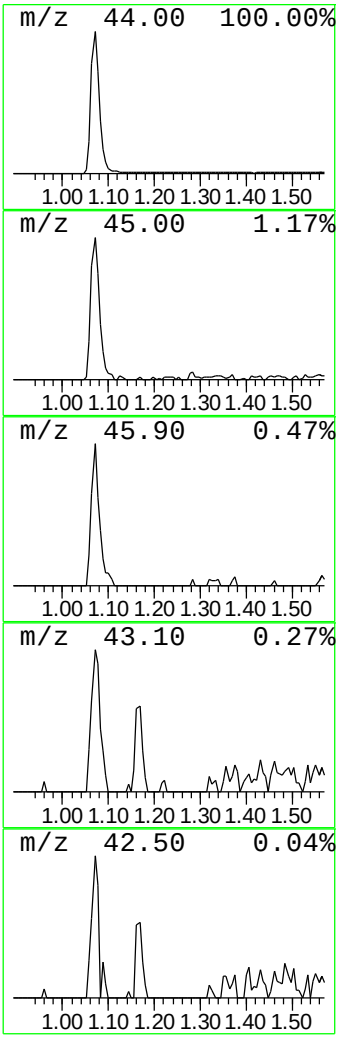
Peak Number 1 Carbon dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.07	42.44 ug/l	460475	Pentafluorobenzene	5.65

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbon dioxide	44	CO2	000124-38-9	4
2	Ethylene oxide	44	C2H4O	000075-21-8	3
3	Nitrous oxide	44	N2O	010024-97-2	3
4	Ethyne, fluoro-	44	C2HF	002713-09-9	2
5	Acetaldehyde	44	C2H4O	000075-07-0	2





Library Search Compound Report

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ClientSampleId : TB-01-191001

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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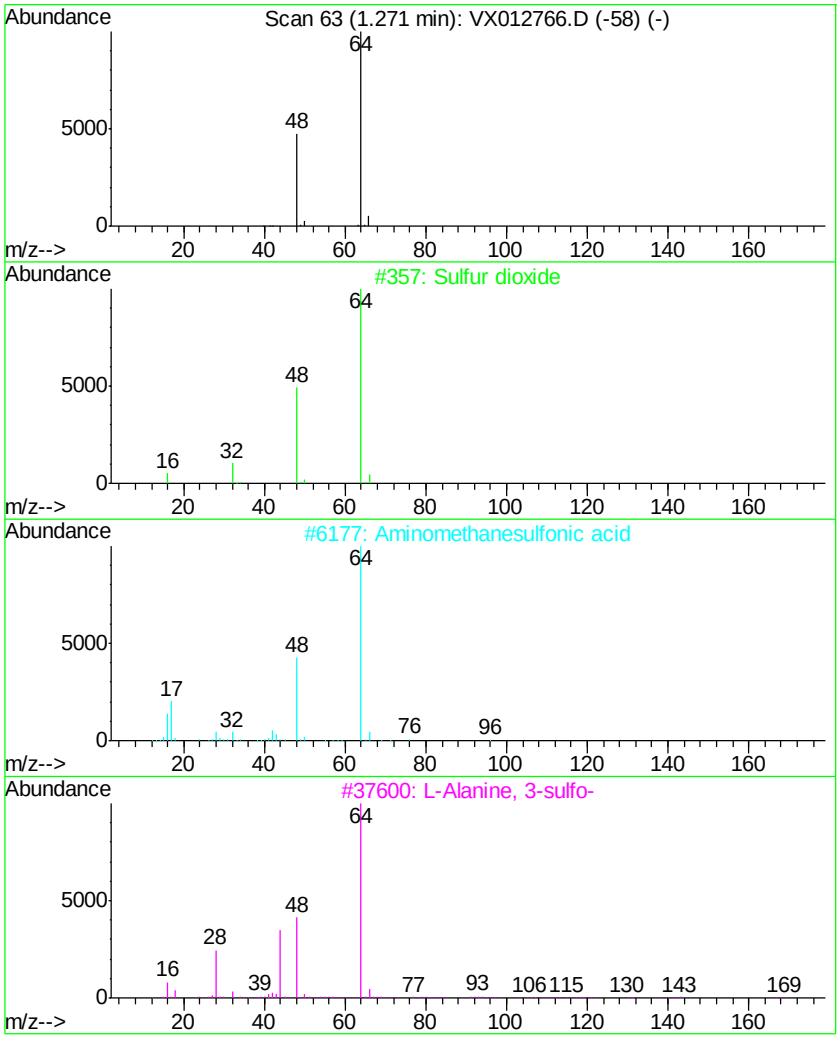
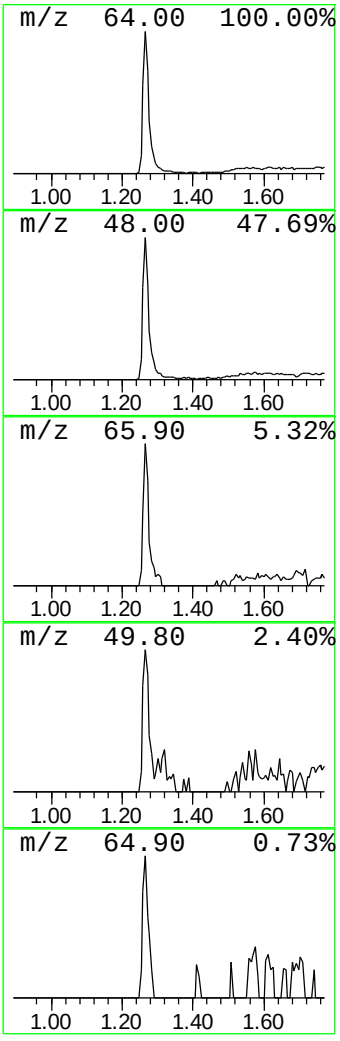
Peak Number 2 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.27	6.61 ug/l	71703	Pentafluorobenzene	5.65

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





Tentatively Identified Compound (LSC) summary

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Instrument : MSVOA_X
ClientSampleId : TB-01-191001

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
Carbon dioxide	1.07	42.4	ug/l	460475	1	5.65	542488	50.0
Sulfur dioxide	1.27	6.6	ug/l	71703	1	5.65	542488	50.0