LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112423\
Data File : VN080263.D
Acq On : 24 Nov 2023 15:06
Operator : JC\MD
Sample : 05525-05
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TWP14

Integration Parameters: RTEINT3.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0 % 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_N\methods\624N110823W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN080263.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.083	18	22	27	rVB2	6640	10590	2.62%	0.610%
2	2.289	49	57	65	rBV2	11741	27546	6.82%	1.586%
3	7.818	988	997	1008	rVB4	40663	104011	25.76%	5.988%
4	8.582	1118	1127	1142	rBV	79350	183805	45.53%	10.583%
5	9.106	1207	1216	1227	rBV	127833	257369	63.75%	14.818%
6	10.570	1457	1465	1473	rBV	214323	403735	100.00%	23.245%
7	10.676	1476	1483	1487	rVV4	4138	9395	2.33%	0.541%
8	11.870	1677	1686	1698	rBV	219987	397027	98.34%	22.859%
9	12.853	1845	1853	1862	rBV	200918	343375	85.05%	19.770%

Sum of corrected areas: 1736853

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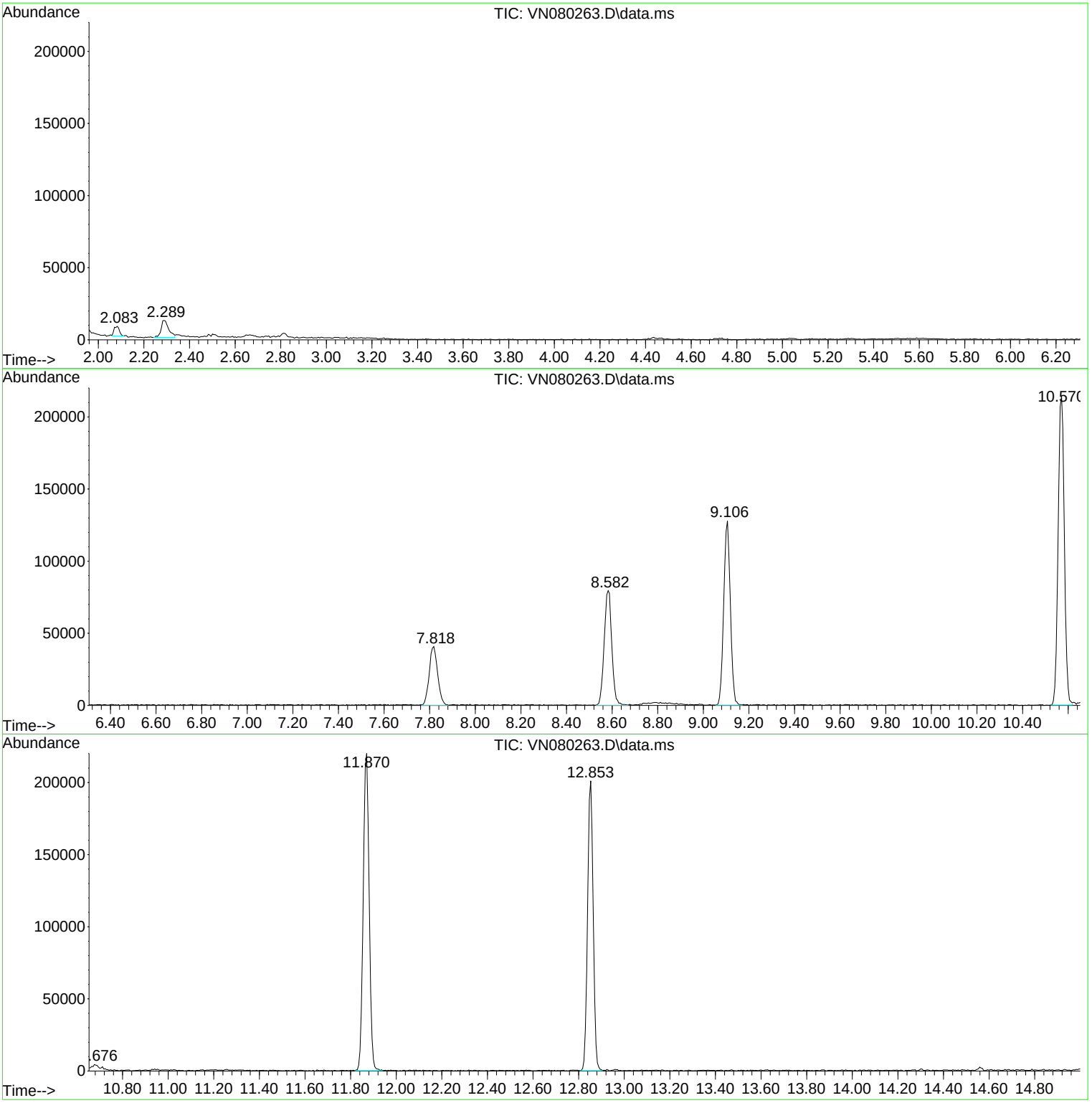
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



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TIC Library : C:\Database\NIST20.L
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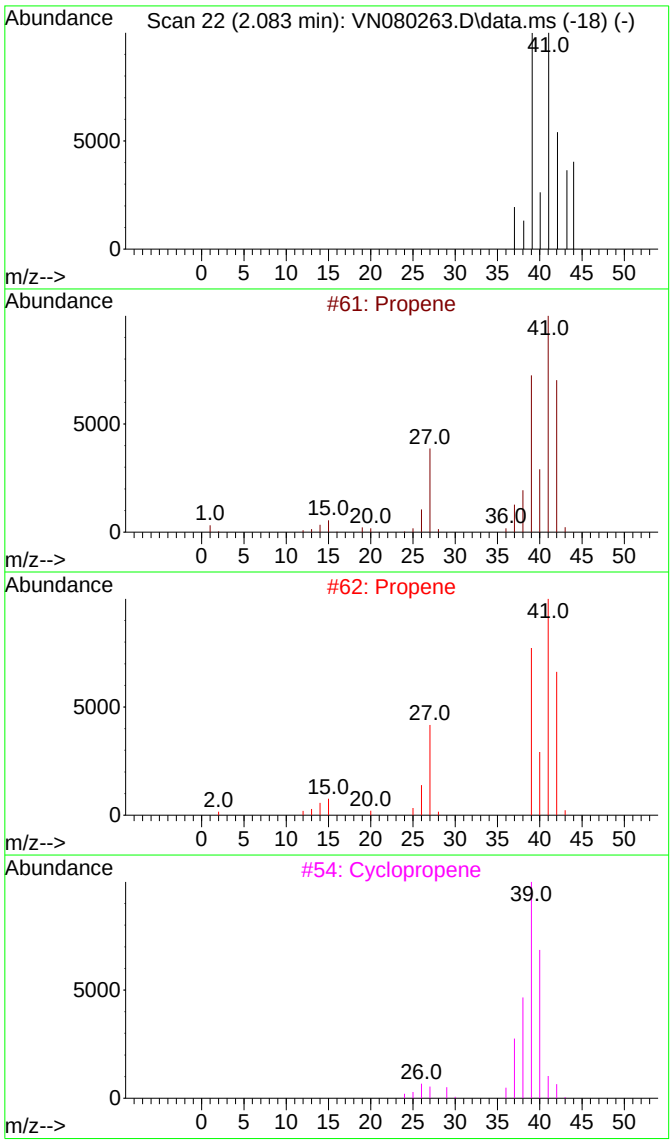
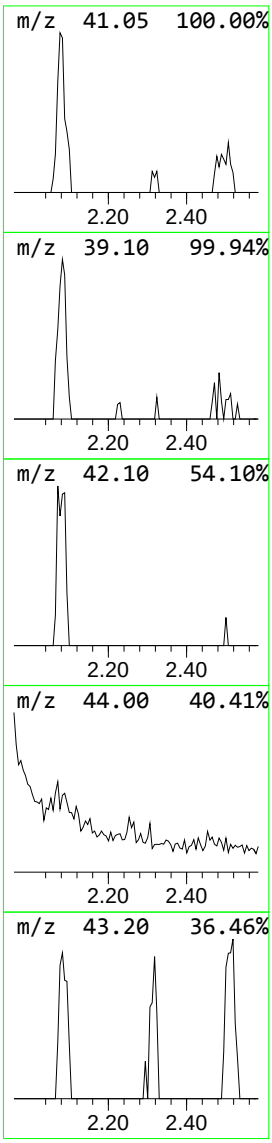
Peak Number 1 unknown2.083 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.083	3.05 ug/l	10590	Bromochloromethane	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propene	42	C3H6	000115-07-1	9
2	Propene	42	C3H6	000115-07-1	7
3	Cyclopropene	40	C3H4	002781-85-3	2
4	Propane	44	C3H8	000074-98-6	2
5	Cyclopropane	42	C3H6	000075-19-4	1





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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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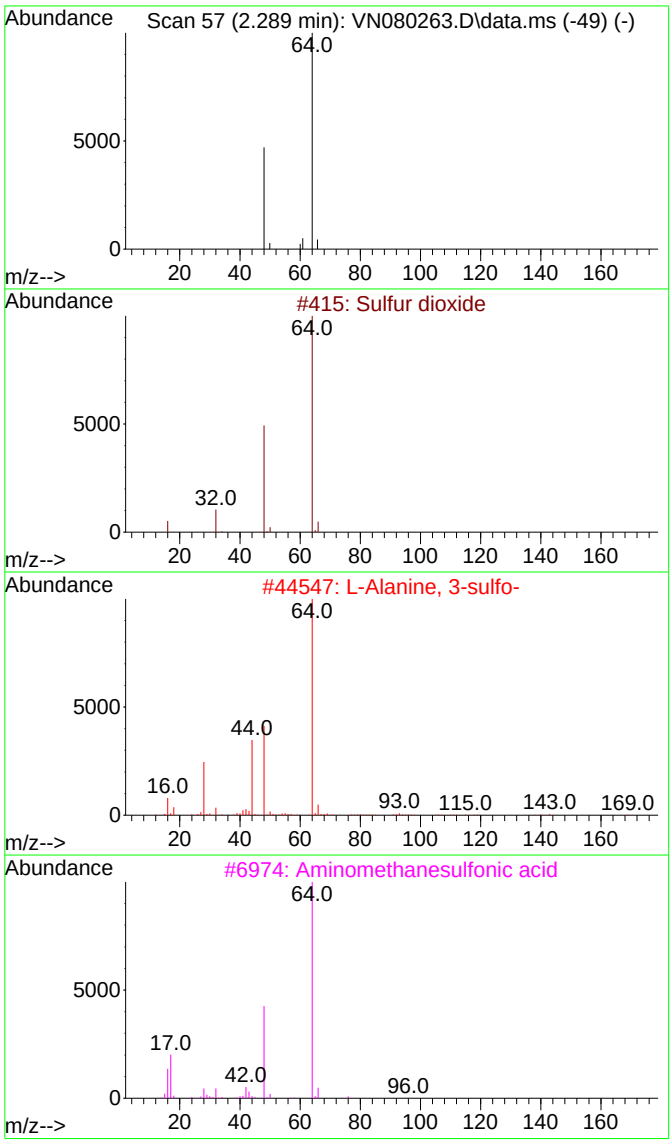
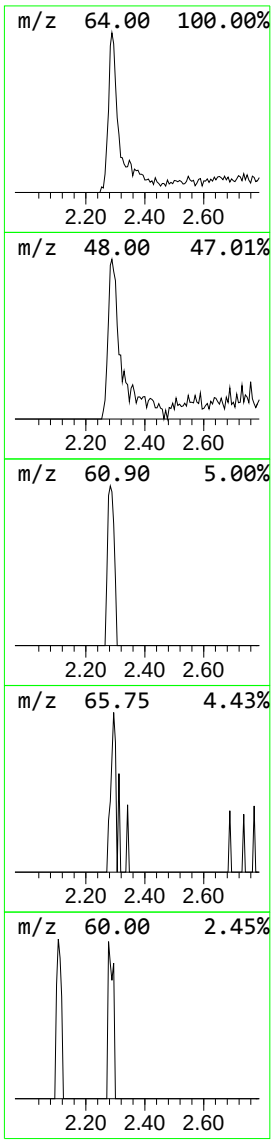
Peak Number 2 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.289	7.95 ug/l	27546	Bromochloromethane	7.812

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





Tentatively Identified Compound (LSC) summary

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.083	2.083	3.0	ug/l	10590	1	7.812	104011	30.0
Sulfur dioxide	2.289	8.0	ug/l	27546	1	7.812	104011	30.0