LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101823\
Data File : VN079598.D
Acq On : 18 Oct 2023 13:35
Operator : JC\MD
Sample : VN1018WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1018WBL01

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\624N101723W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN079598.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.301	50	59	65	rBV3	12351	32835	6.41%	1.582%
2	2.818	141	147	154	rVB3	13443	30794	6.01%	1.483%
3	7.436	923	932	940	rBV2	7436	18415	3.60%	0.887%
4	7.818	986	997	1007	rBV2	57768	143275	27.97%	6.902%
5	8.583	1118	1127	1138	rBV	102354	230057	44.92%	11.083%
6	8.765	1149	1158	1160	rBV4	3619	9376	1.83%	0.452%
7	9.106	1207	1216	1224	rBV	155891	321422	62.75%	15.484%
8	10.571	1455	1465	1477	rBV	269036	512198	100.00%	24.674%
9	11.871	1678	1686	1698	rBV	257850	477269	93.18%	22.992%
10	12.853	1846	1853	1864	rBV	165025	300183	58.61%	14.461%

Sum of corrected areas: 2075824

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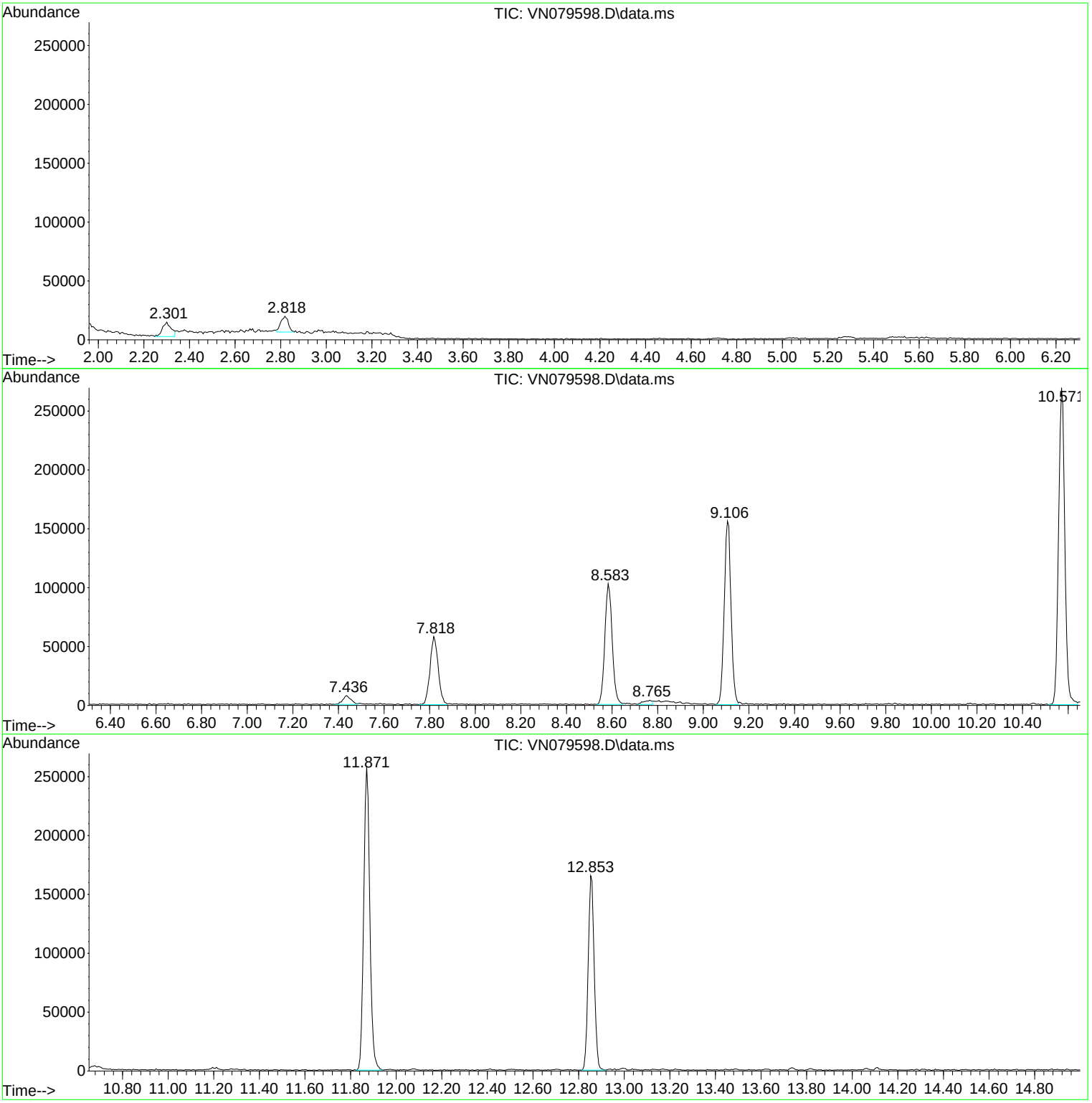
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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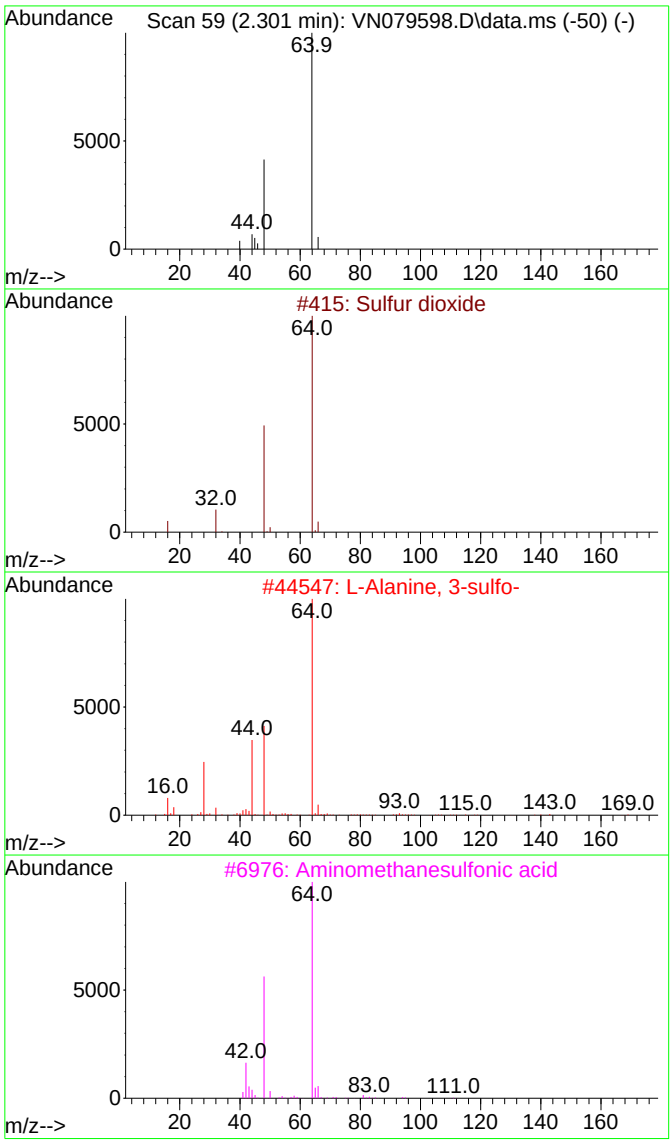
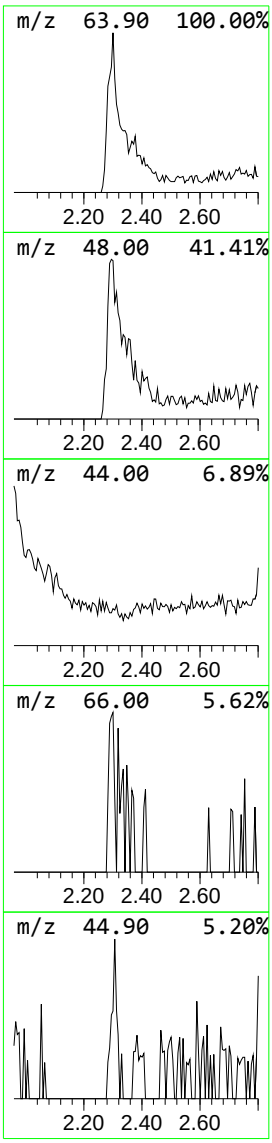
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.301	6.88 ug/l	32835	Bromochloromethane	7.818

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	Sulfur dioxide	64	O2S	007446-09-5	4





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Instrument :
MSVOA_N
ClientSampleId :
VN1018WBL01

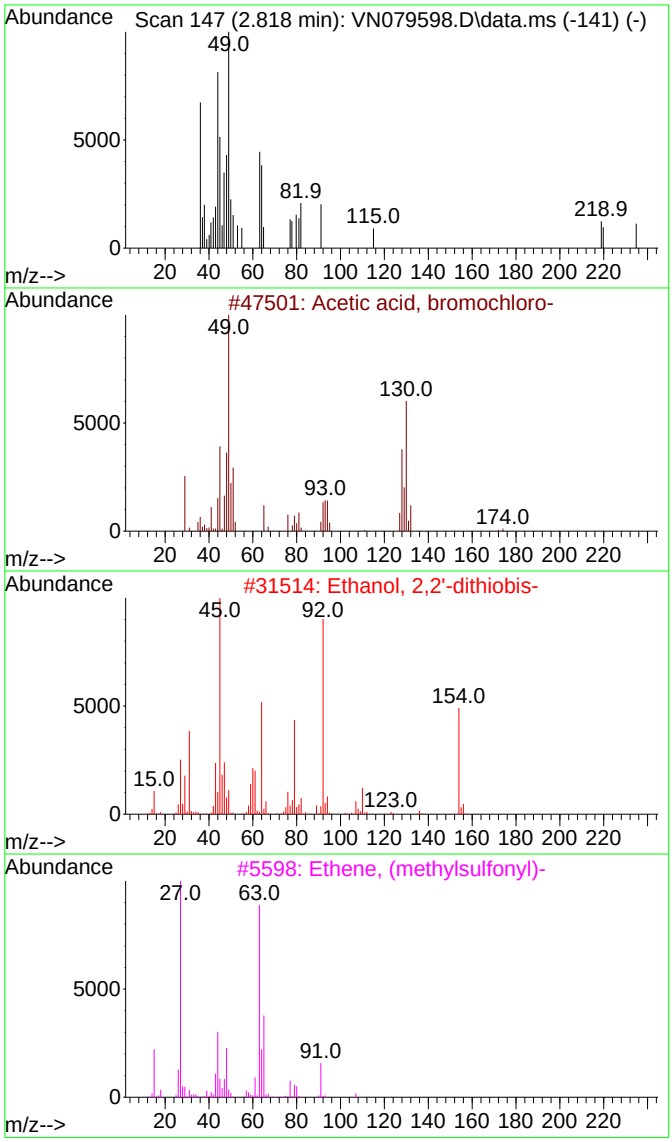
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

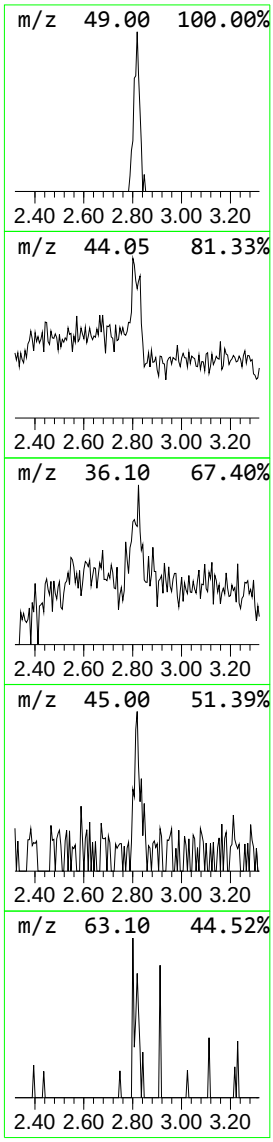
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown2.818 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.818	6.45 ug/l	30794	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, bromochloro-	172	C2H2BrClO2	005589-96-8	16
2	Ethanol, 2,2'-dithiobis-	154	C4H10O2S2	001892-29-1	9
3	Ethene, (methylsulfonyl)-	106	C3H6O2S	003680-02-2	9
4	Acetic acid, bromochloro-	172	C2H2BrClO2	005589-96-8	9
5	Ethene, (methylsulfonyl)-	106	C3H6O2S	003680-02-2	9





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
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
Sulfur dioxide	2.301	6.9	ug/l	32835	1	7.818	143275	30.0
unknown2.818	2.818	6.5	ug/l	30794	1	7.818	143275	30.0