LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101823\
Data File : VN079603.D
Acq On : 18 Oct 2023 16:13
Operator : JC\MD
Sample : 04943-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
14B-4

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: VN079603.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	51	59	63	rBV2	11635	28263	6.21%	1.512%
2	2.812	142	146	158	rVB4	10012	23983	5.27%	1.283%
3	5.283	560	566	570	rBV4	2170	4922	1.08%	0.263%
4	7.436	924	932	945	rBV2	8341	23101	5.08%	1.236%
5	7.818	989	997	1013	rVB2	54031	134160	29.48%	7.176%
6	7.971	1019	1023	1029	rVB4	2503	4918	1.08%	0.263%
7	8.583	1118	1127	1137	rBV	94607	219606	48.26%	11.746%
8	9.106	1208	1216	1224	rBV2	138946	285628	62.77%	15.277%
9	10.571	1457	1465	1478	rBV	239574	455026	100.00%	24.337%
10	10.682	1478	1484	1494	rVB6	3479	11611	2.55%	0.621%
11	11.871	1676	1686	1700	rBV	230406	428536	94.18%	22.920%
12	12.853	1845	1853	1864	rBV	134907	249933	54.93%	13.368%

Sum of corrected areas: 1869687

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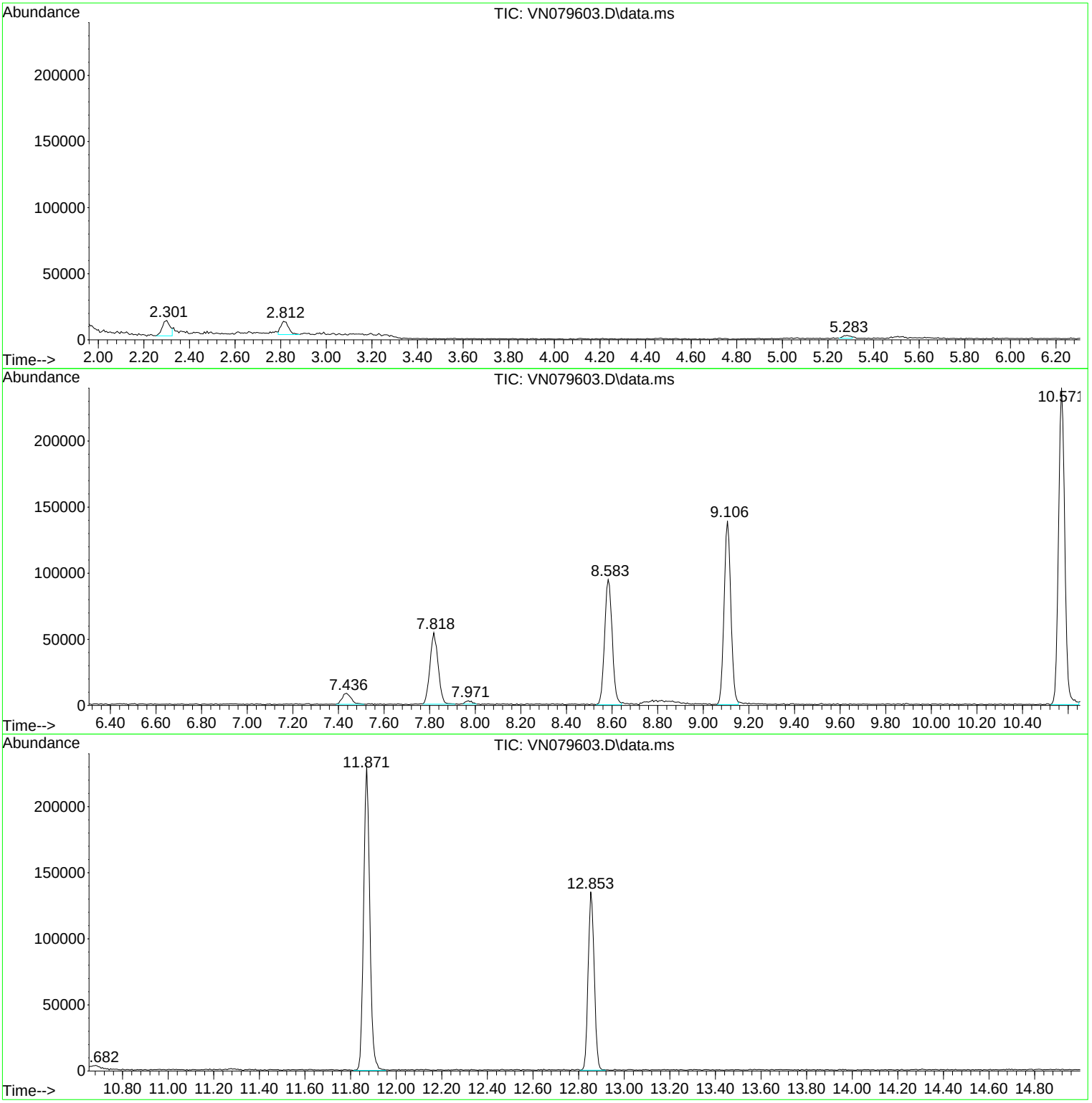
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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

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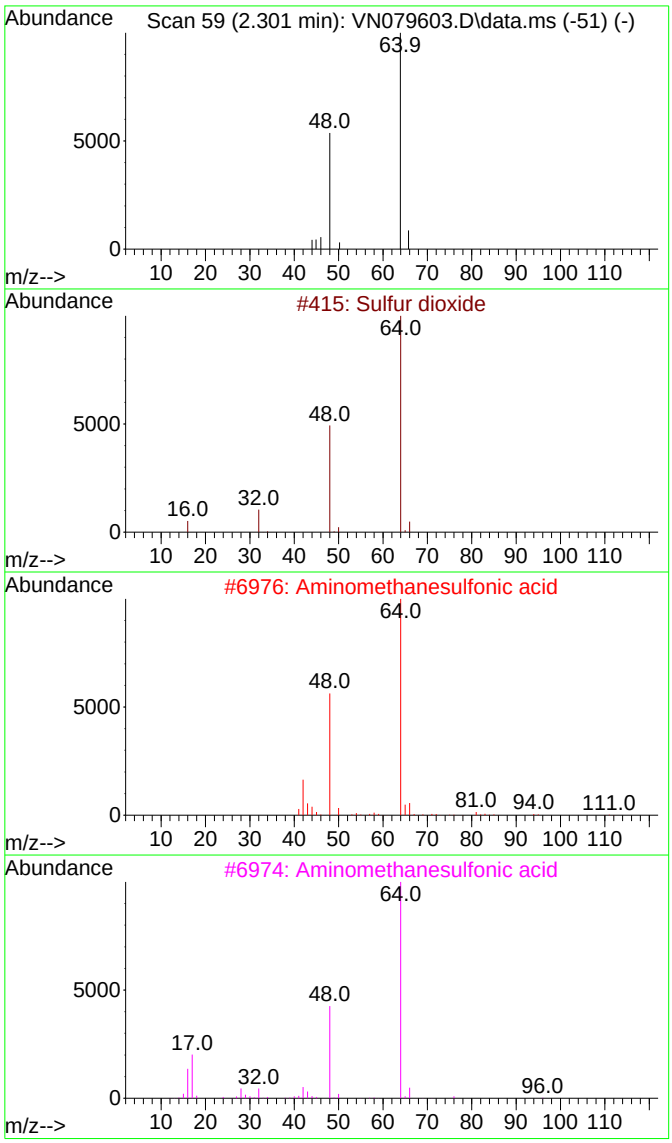
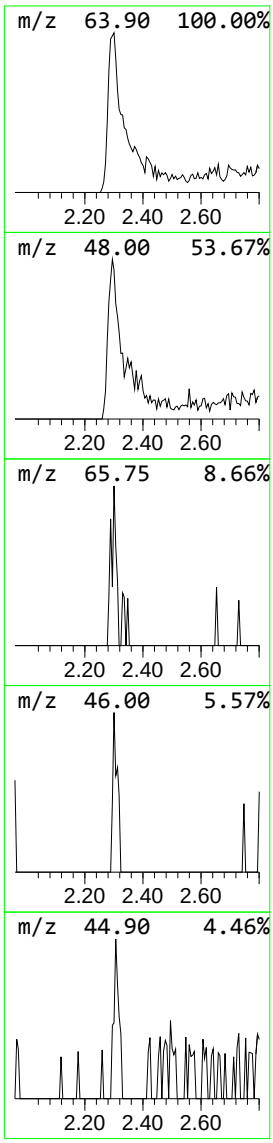
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.301	6.32 ug/l	28263	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	74
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Ethene, 1,2-difluoro-	64	C2H2F2	001691-13-0	5





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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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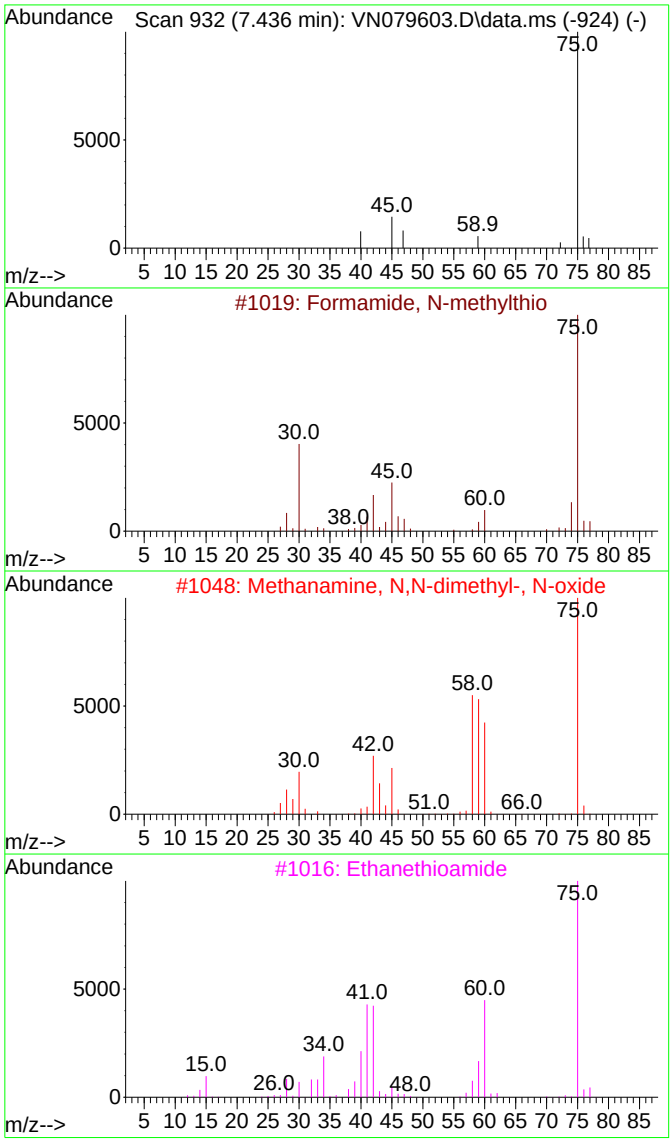
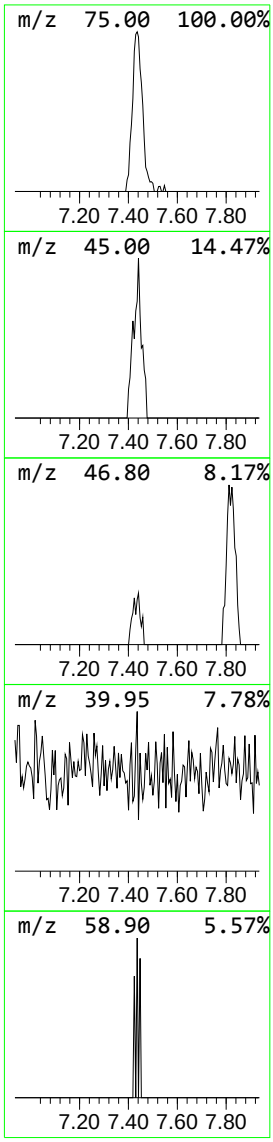
Peak Number 3 unknown7.436 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.436	5.17 ug/l	23101	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide, N-methylthio	75	C2H5NS	018952-41-5	43
2	Methanamine, N,N-dimethyl-, N-oxide	75	C3H9NO	001184-78-7	7
3	Ethanethioamide	75	C2H5NS	000062-55-5	5
4	Ethanethioamide	75	C2H5NS	000062-55-5	5
5	Ethanol, 2-(trimethylsilyl)-	118	C5H14OSi	002916-68-9	4





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
Sulfur dioxide	2.301	6.3	ug/l	28263	1	7.818	134160	30.0
unknown7.436	7.436	5.2	ug/l	23101	1	7.818	134160	30.0