LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
Data File : VN079592.D
Acq On : 17 Oct 2023 19:33
Operator : JC\MD
Sample : 04934-04 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 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: VN079592.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.295	51	58	67	rBV	20887	51350	11.03%	2.666%
2	2.818	139	147	153	rVB3	12697	28408	6.10%	1.475%
3	7.441	923	933	941	rVB2	4783	13432	2.89%	0.697%
4	7.824	988	998	1008	rBV2	53210	137733	29.59%	7.152%
5	8.582	1119	1127	1140	rVB2	101646	222305	47.76%	11.543%
6	8.735	1145	1153	1155	rBV2	5216	10740	2.31%	0.558%
7	9.106	1207	1216	1229	rBV	142112	300802	64.63%	15.619%
8	10.571	1456	1465	1474	rBV	252806	465421	100.00%	24.167%
9	10.676	1482	1483	1493	rVB3	3860	6854	1.47%	0.356%
10	11.870	1678	1686	1697	rBV	237648	435320	93.53%	22.604%
11	12.853	1847	1853	1863	rVB	138254	253481	54.46%	13.162%

Sum of corrected areas: 1925846

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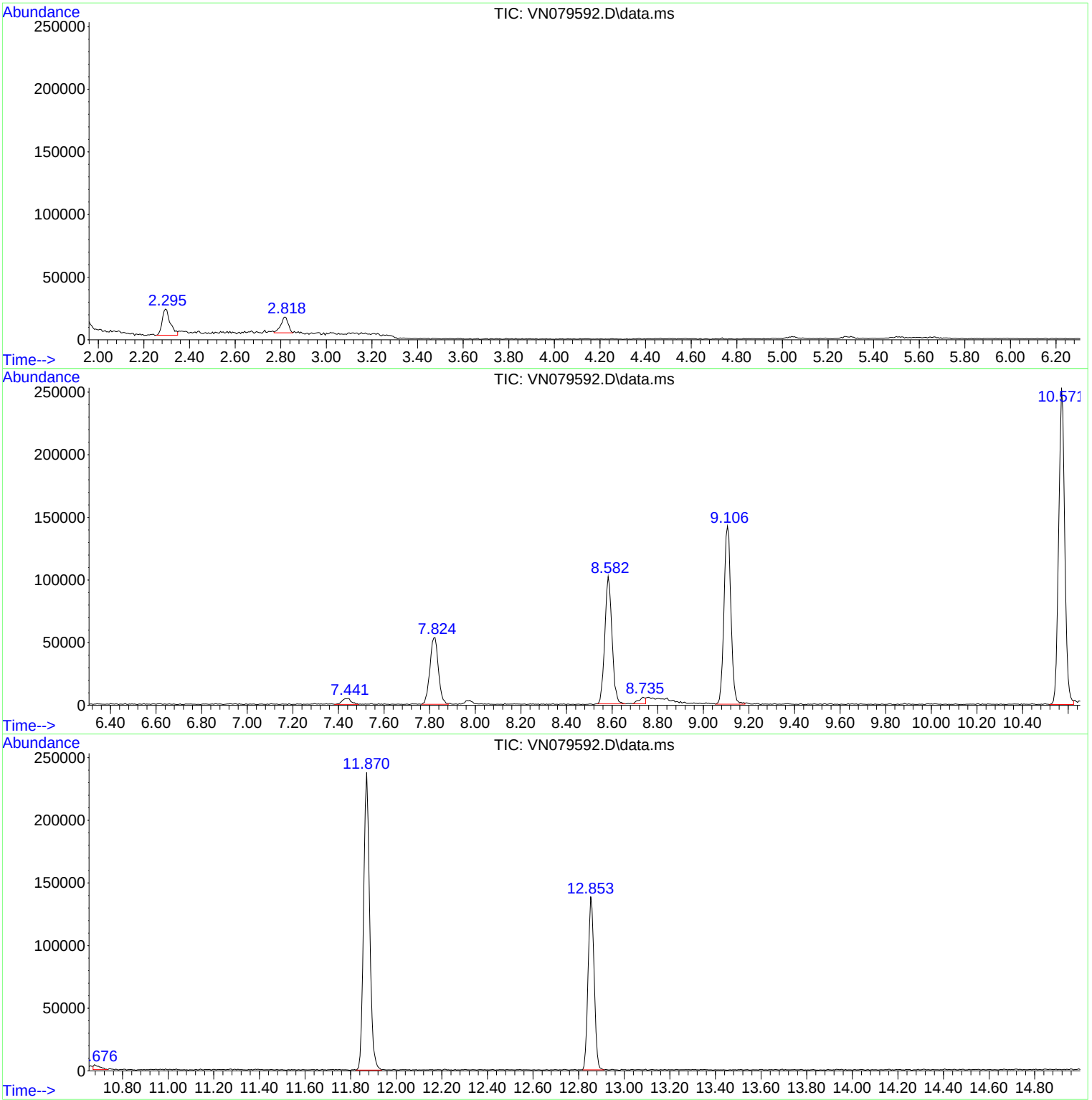
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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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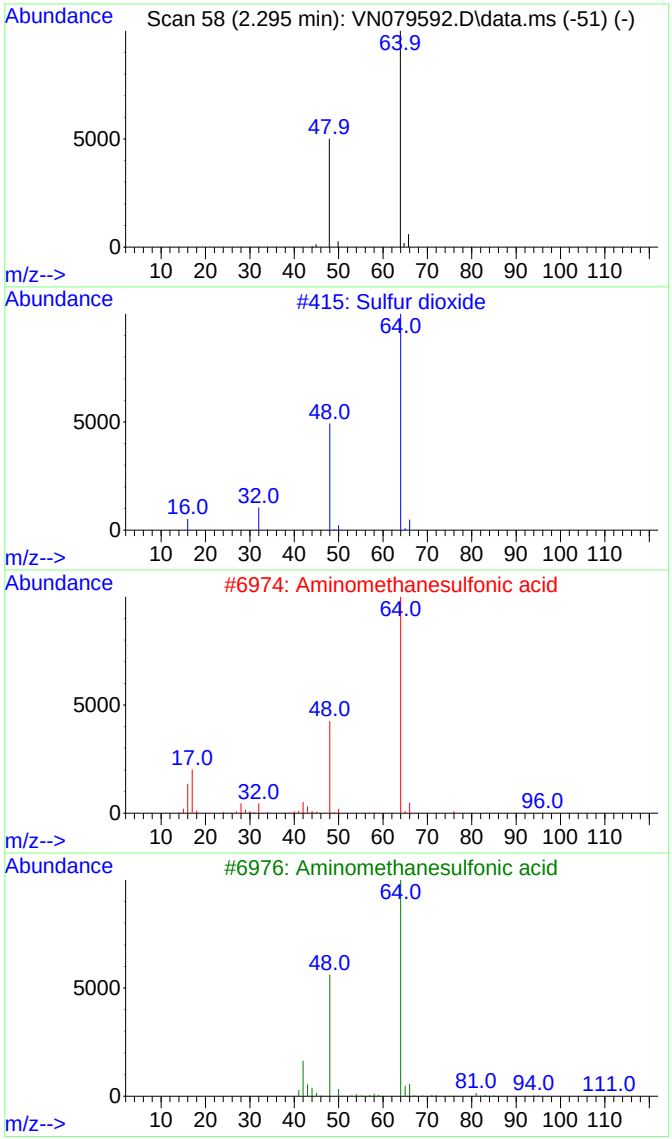
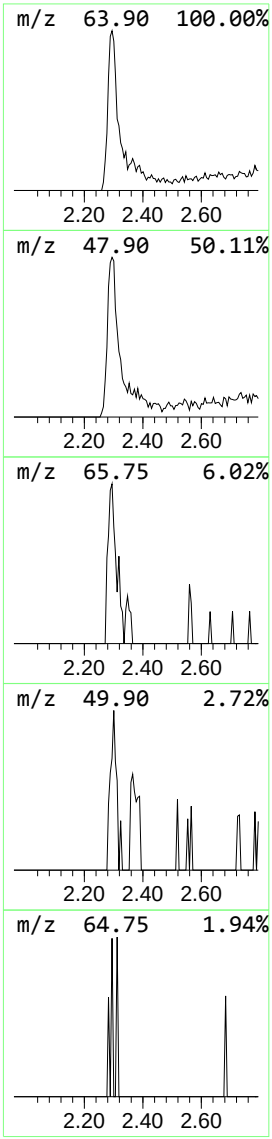
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.295	11.18 ug/l	51350	Bromochloromethane	7.824

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	64
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	64
4	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
5	Sulfur dioxide	64	O2S	007446-09-5	5





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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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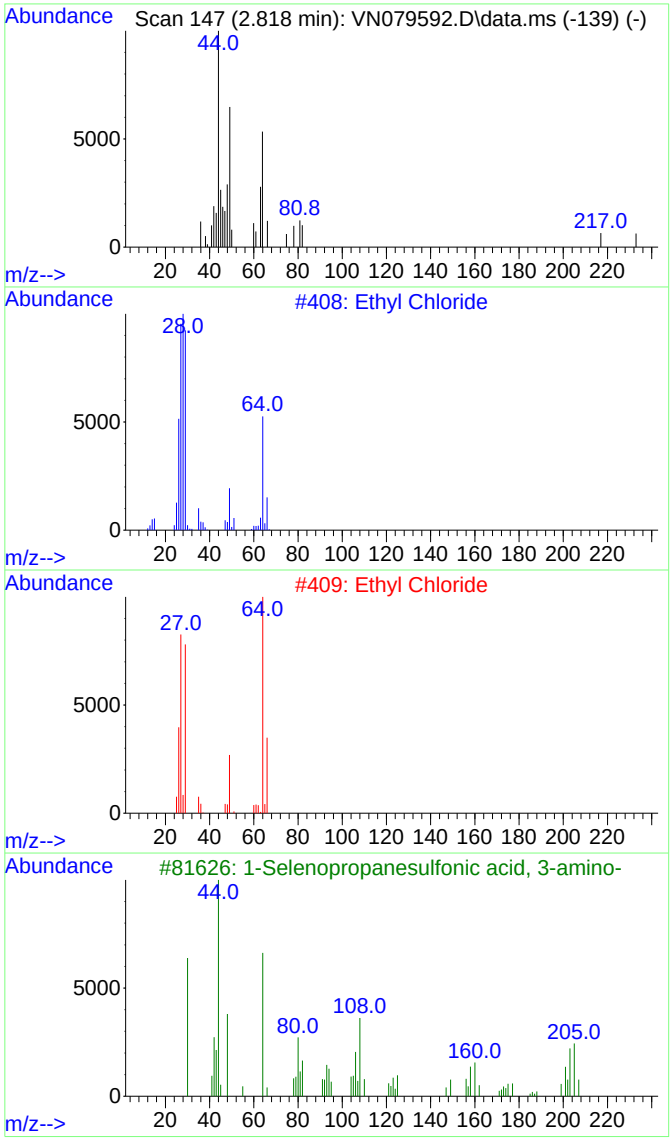
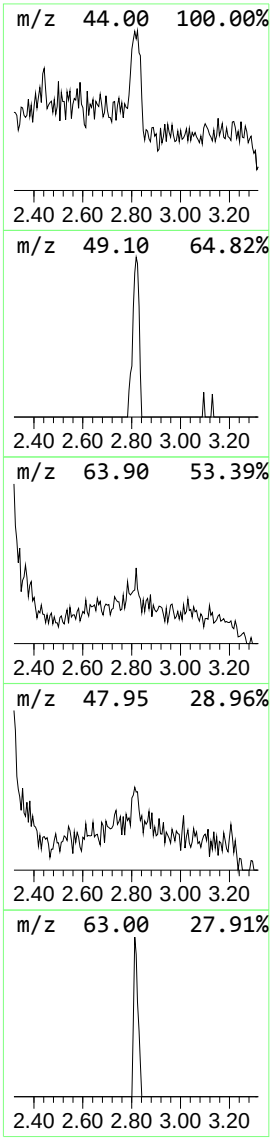
Peak Number 2 Ethyl Chloride Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.818	6.19 ug/l	28408	Bromochloromethane	7.824

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Chloride	64	C2H5Cl	000075-00-3	53
2	Ethyl Chloride	64	C2H5Cl	000075-00-3	53
3	1-Selenopropanesulfonic acid, 3-...	205	C2H7NO3SSe	1010400-46-3	32
4	Acetic acid, bromochloro-	172	C2H2BrClO2	005589-96-8	16
5	S-2-[2-Succinimidoethylamino]eth...	282	C8H14N2O5S2	031701-74-3	12





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	2.295	11.2	ug/l	51350	1	7.824	137733	30.0
Ethyl Chloride	2.818	6.2	ug/l	28408	1	7.824	137733	30.0