LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101823\
Data File : VN079601.D
Acq On : 18 Oct 2023 15:25
Operator : JC\MD
Sample : 04943-02 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
14B-2

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: VN079601.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.289	51	57	65	rBV2	10615	29581	6.23%	1.540%
2	2.671	118	122	129	rVB5	2508	4800	1.01%	0.250%
3	2.812	139	146	152	rVB3	8386	18261	3.85%	0.951%
4	7.435	923	932	940	rBV2	9945	24126	5.08%	1.256%
5	7.818	988	997	1009	rBV2	55156	140751	29.66%	7.330%
6	7.971	1016	1023	1027	rVB4	2576	5121	1.08%	0.267%
7	8.582	1118	1127	1137	rBV2	100427	225020	47.41%	11.718%
8	9.106	1207	1216	1229	rBV2	143101	299490	63.10%	15.596%
9	10.570	1456	1465	1477	rBV	247194	474626	100.00%	24.716%
10	11.870	1678	1686	1697	rVB	238258	441208	92.96%	22.976%
11	12.853	1846	1853	1863	rBV	138559	257297	54.21%	13.399%

Sum of corrected areas: 1920281

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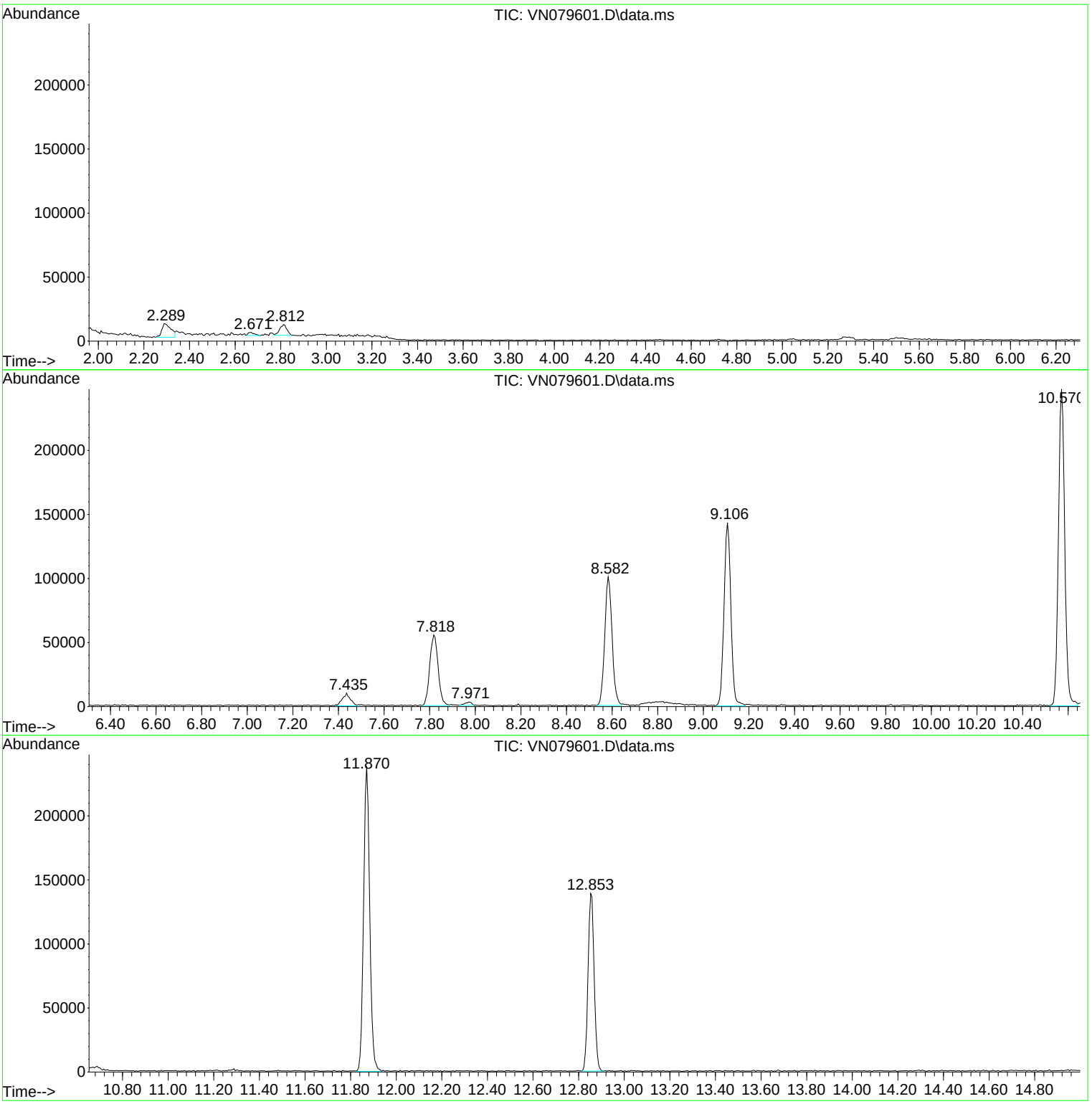
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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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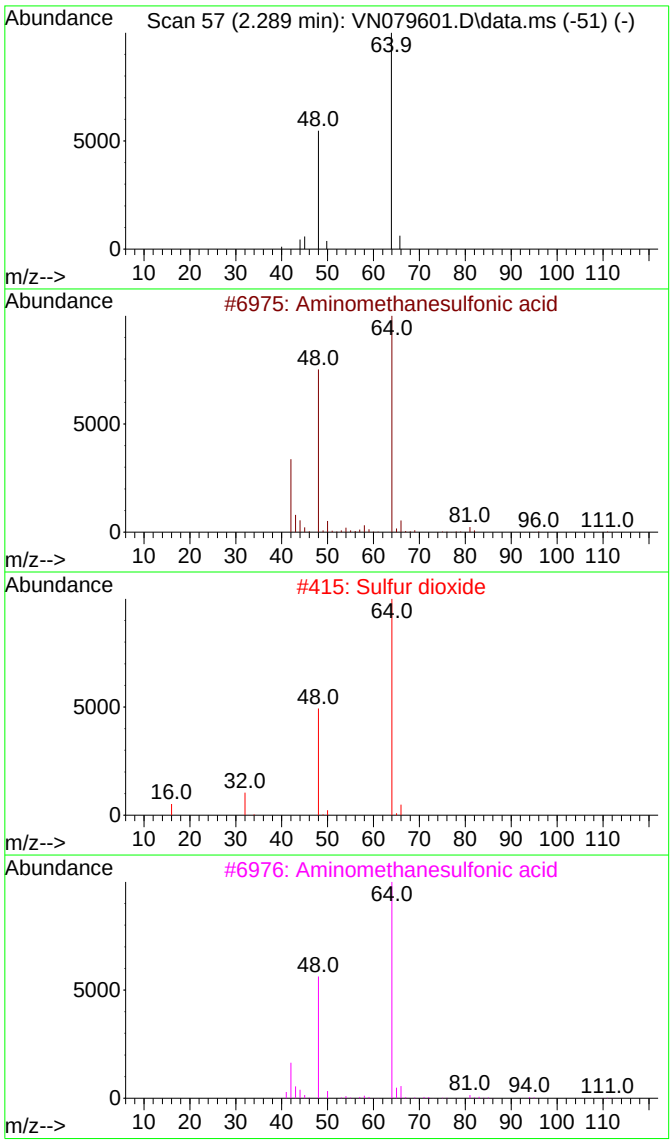
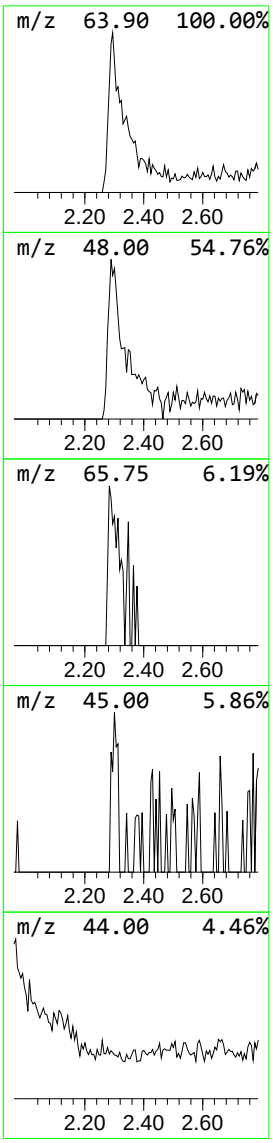
Peak Number 1 Aminomethanesulfonic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.289	6.30 ug/l	29581	Bromochloromethane	7.818

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





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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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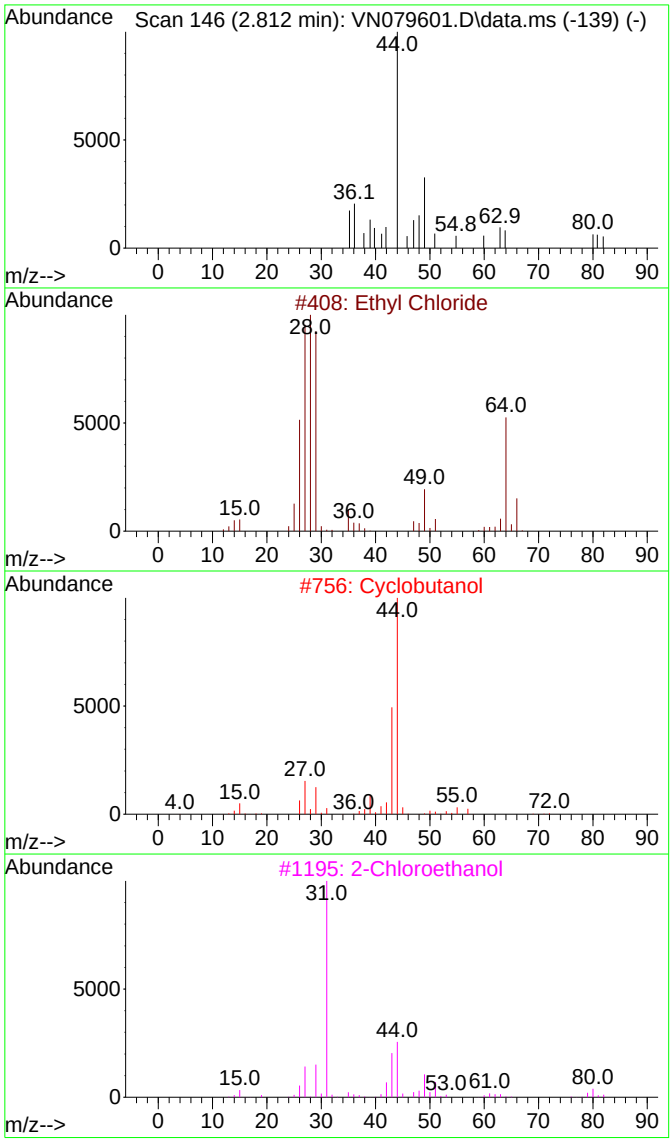
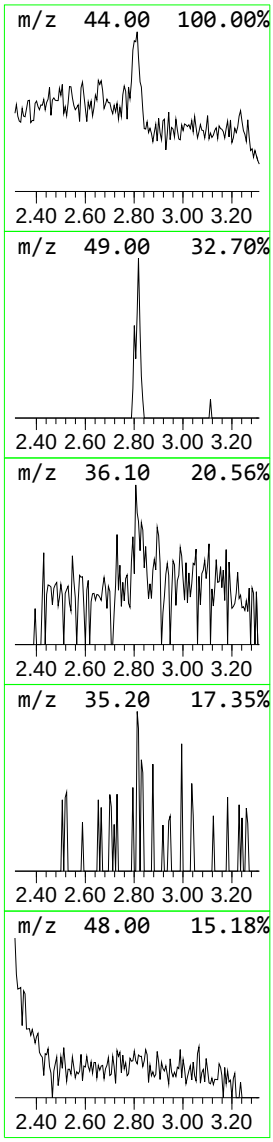
Peak Number 2 unknown2.812 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.812	3.89 ug/l	18261	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Chloride	64	C2H5Cl	000075-00-3	17
2	Cyclobutanol	72	C4H8O	002919-23-5	4
3	2-Chloroethanol	80	C2H5ClO	000107-07-3	4
4	Acetonitrile-d3	44	C2D3N	002206-26-0	3
5	Acetaldehyde	44	C2H4O	000075-07-0	3





Tentatively Identified Compound (LSC) summary

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MSVOA_N
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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
Aminomethanesul...	2.289	6.3	ug/l	29581	1	7.818	140751	30.0
unknown2.812	2.812	3.9	ug/l	18261	1	7.818	140751	30.0