LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
Data File : VN079591.D
Acq On : 17 Oct 2023 19:09
Operator : JC\MD
Sample : 04934-03 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
14B-3

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: VN079591.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	50	58	66	rBV	24835	55265	11.59%	2.814%
2	2.818	139	147	154	rVB4	14733	36128	7.58%	1.839%
3	7.430	921	931	943	rBV2	6813	17073	3.58%	0.869%
4	7.818	987	997	1008	rBV3	54995	138293	29.00%	7.041%
5	7.971	1015	1023	1030	rBV3	4445	10508	2.20%	0.535%
6	8.582	1118	1127	1138	rBV2	99572	222671	46.70%	11.337%
7	8.747	1144	1155	1156	rBV5	5409	14982	3.14%	0.763%
8	9.106	1208	1216	1228	rVB	145044	298123	62.53%	15.178%
9	10.571	1455	1465	1477	rBV	255597	476805	100.00%	24.275%
10	11.871	1679	1686	1698	rVB	238802	437700	91.80%	22.284%
11	12.853	1846	1853	1861	rBV	141580	256629	53.82%	13.065%

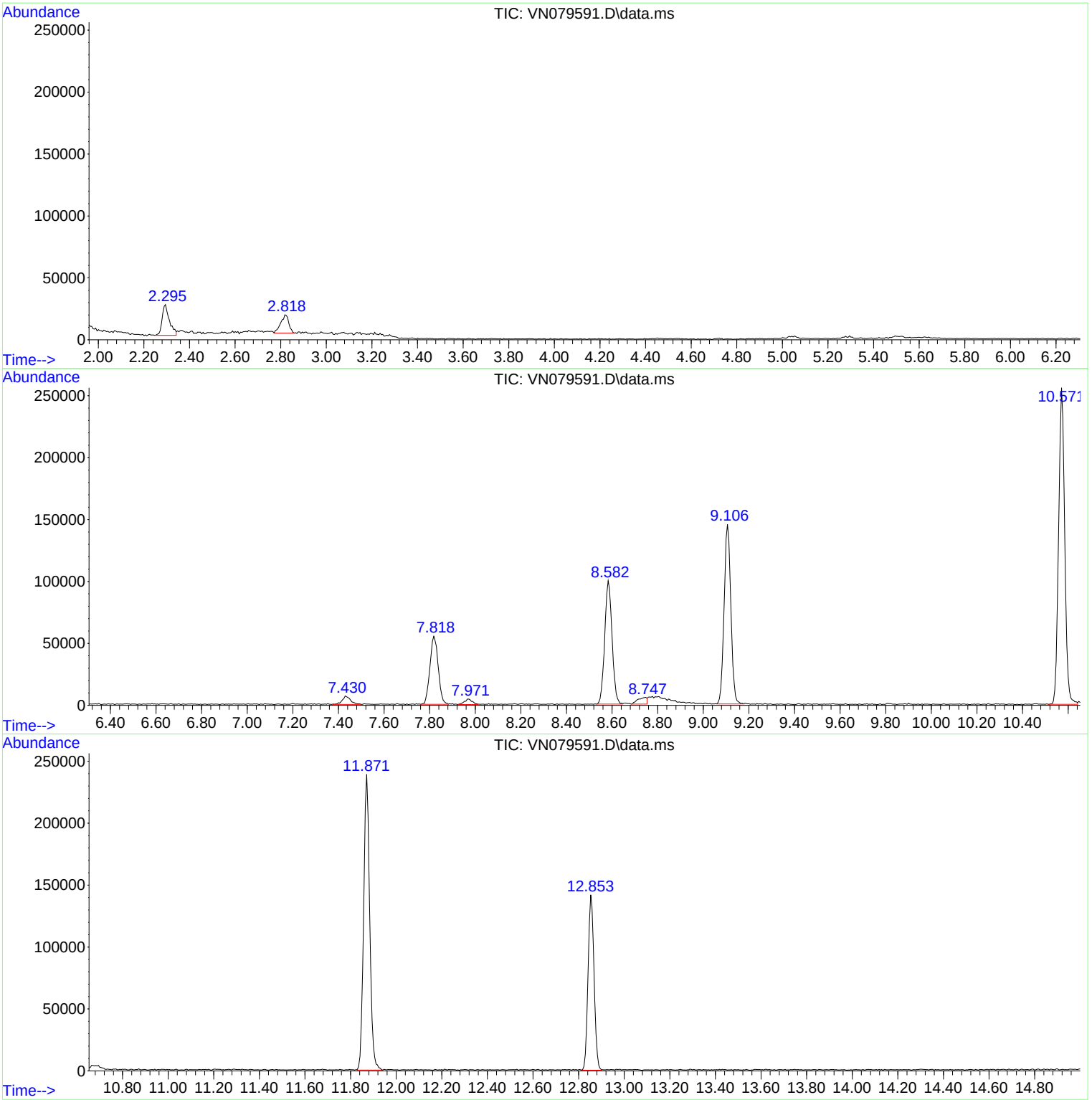
Sum of corrected areas: 1964177

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
Data File : VN079591.D
Acq On : 17 Oct 2023 19:09
Operator : JC\MD
Sample : 04934-03 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
14B-3

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



Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
Data File : VN079591.D
Acq On : 17 Oct 2023 19:09
Operator : JC\MD
Sample : 04934-03 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
14B-3

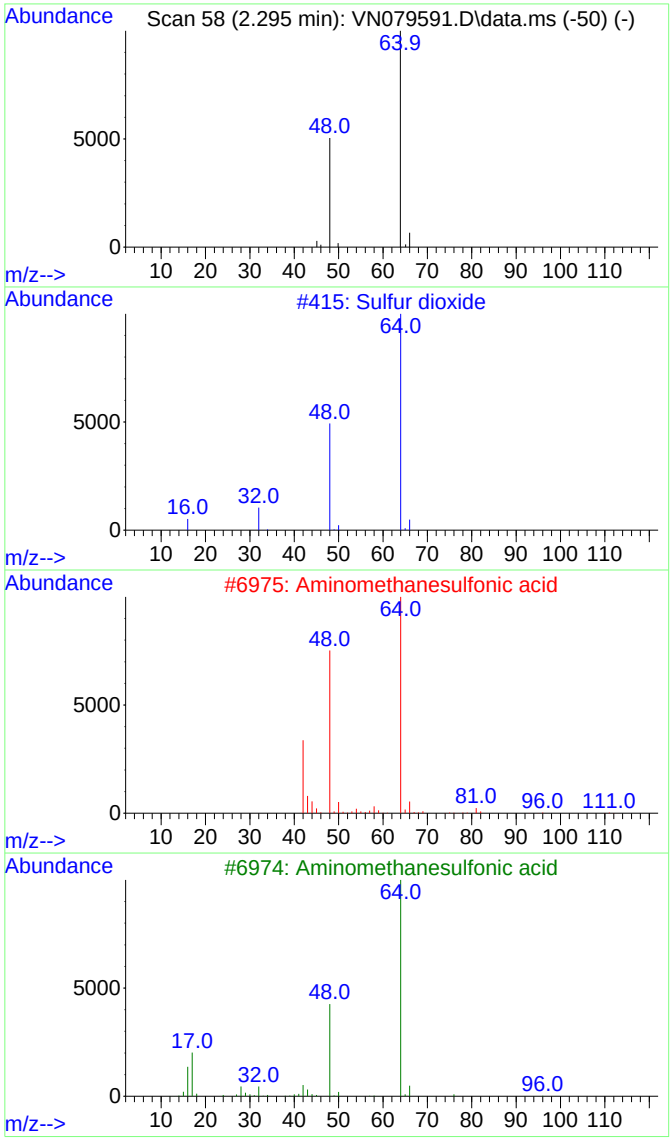
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

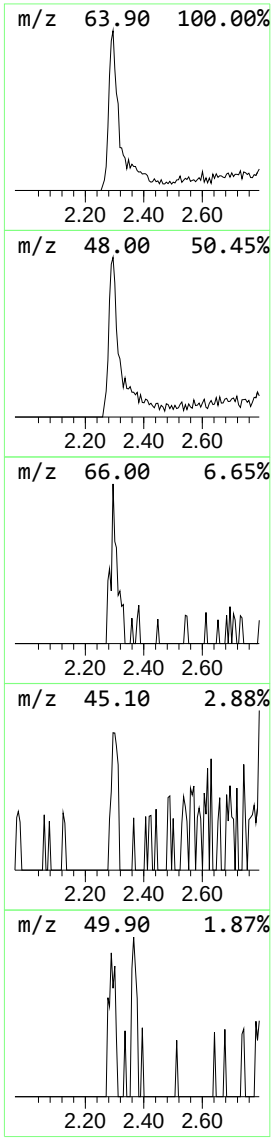
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.295	11.99 ug/l	55265	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	90
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	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9





Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
Data File : VN079591.D
Acq On : 17 Oct 2023 19:09
Operator : JC\MD
Sample : 04934-03 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
14B-3

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

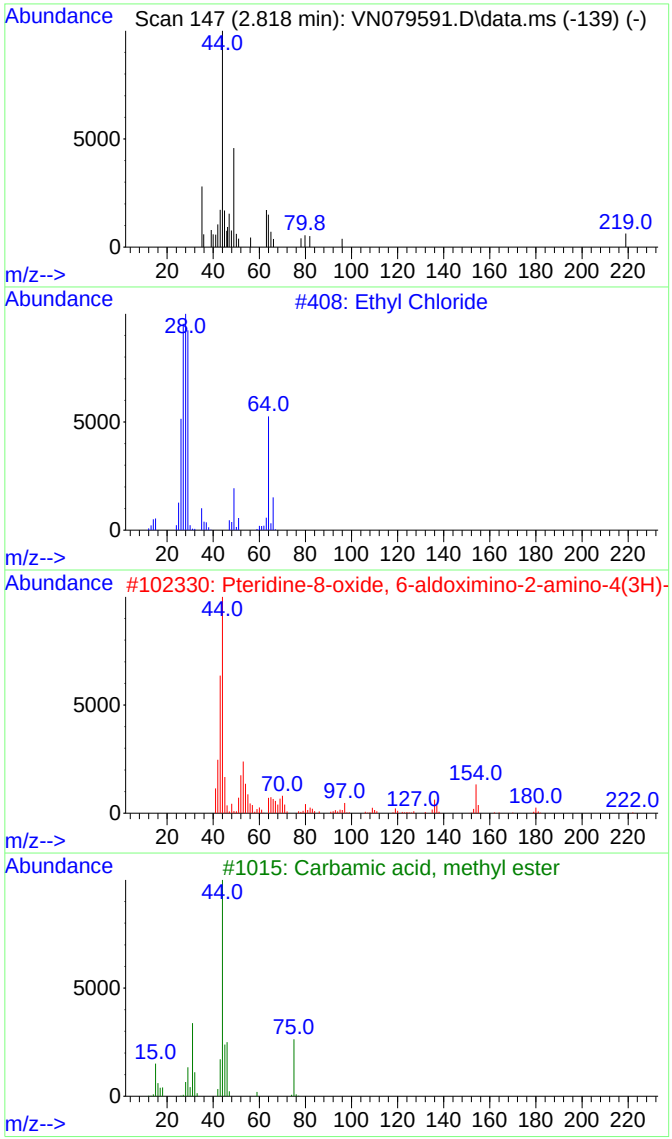
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

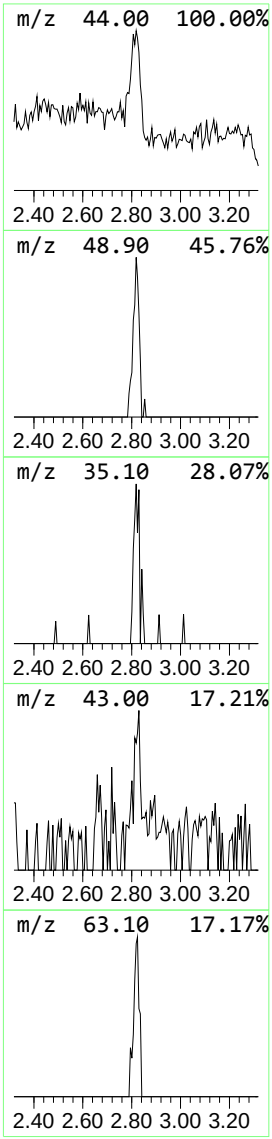
****

Peak Number 2 unknown2.818 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.818	7.84 ug/l	36128	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Chloride	64	C2H5Cl	000075-00-3	32
2	Pteridine-8-oxide, 6-aldoximino-...	222	C7H6N6O3	023663-23-2	10
3	Carbamic acid, methyl ester	75	C2H5NO2	000598-55-0	9
4	N-(3,5-Dinitropyridin-2-yl)-L-as...	300	C9H8N4O8	035899-60-6	9
5	4-(2-Methylamino)ethyl)pyridine	136	C8H12N2	055496-55-4	9





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
Data File : VN079591.D
Acq On : 17 Oct 2023 19:09
Operator : JC\MD
Sample : 04934-03 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
14B-3

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	12.0	ug/l	55265	1	7.818	138293	30.0
unknown2.818	2.818	7.8	ug/l	36128	1	7.818	138293	30.0