

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
 Data File : VN079589.D
 Acq On : 17 Oct 2023 18:21
 Operator : JC\MD
 Sample : 04934-01 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

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: VN079589.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	33357	73721	15.16%	3.595%
2	2.824	139	148	153	rVB4	14883	32697	6.72%	1.594%
3	5.041	518	525	533	rBV4	2104	6207	1.28%	0.303%
4	7.435	922	932	940	rBV2	13260	34175	7.03%	1.666%
5	7.818	988	997	1006	rBV2	54815	138976	28.58%	6.777%
6	7.982	1014	1025	1030	rBV3	4841	12601	2.59%	0.614%
7	8.582	1117	1127	1136	rBV	100489	225576	46.39%	11.000%
8	8.735	1144	1153	1155	rBV2	5481	15808	3.25%	0.771%
9	9.106	1209	1216	1225	rBV	148726	301218	61.94%	14.688%
10	10.570	1457	1465	1478	rBV	256591	486276	100.00%	23.712%
11	10.676	1479	1483	1493	rVB3	3535	10293	2.12%	0.502%
12	11.870	1677	1686	1699	rBV	241962	446816	91.89%	21.788%
13	12.853	1845	1853	1863	rBV	144482	266372	54.78%	12.989%

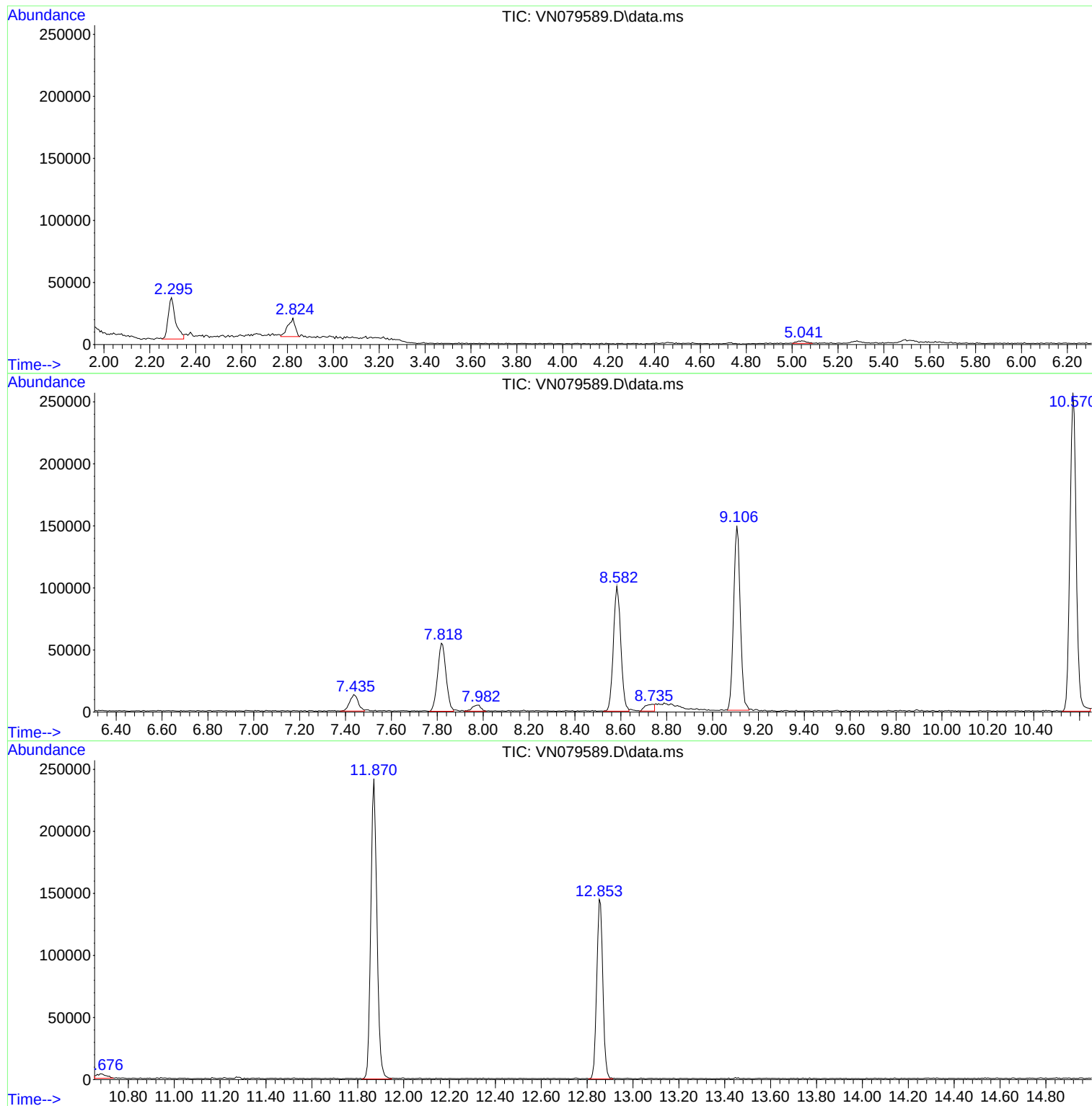
Sum of corrected areas: 2050736

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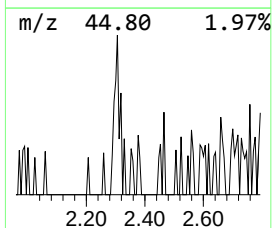
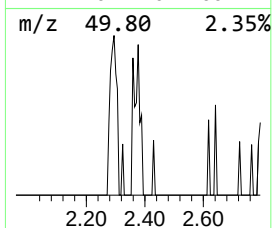
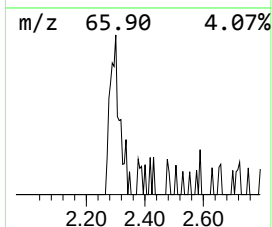
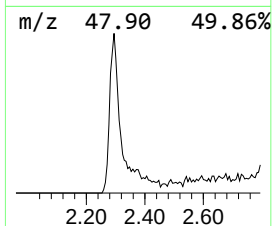
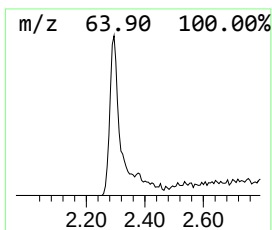
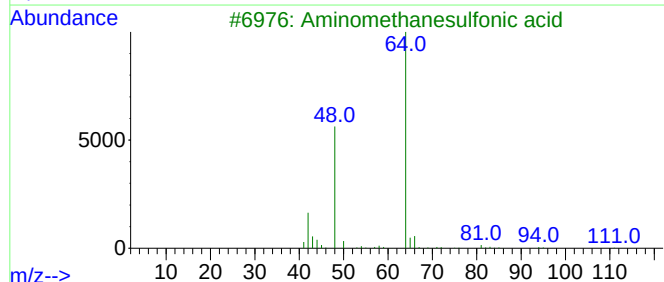
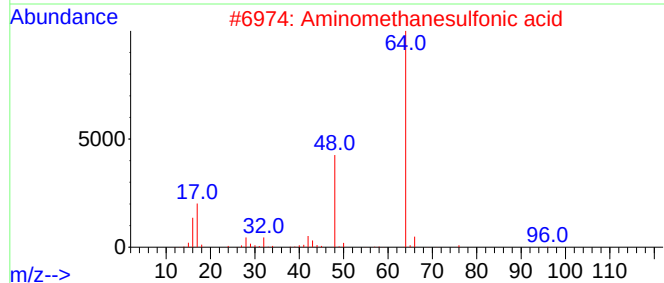
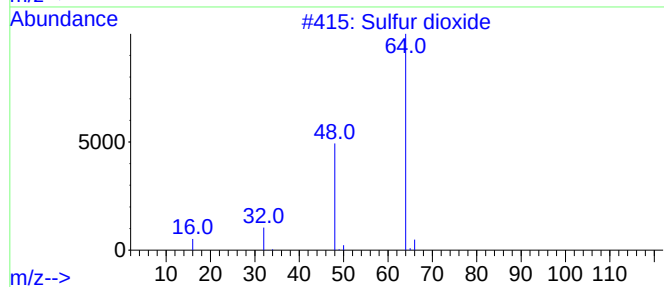
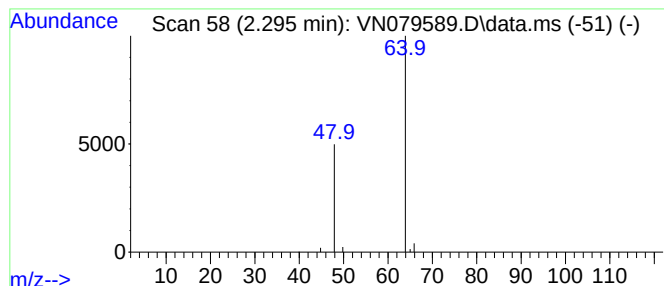
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.295	15.91 ug/l	73721	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			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	5



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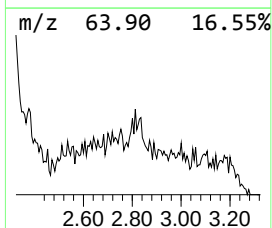
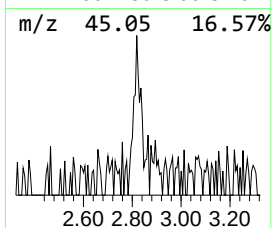
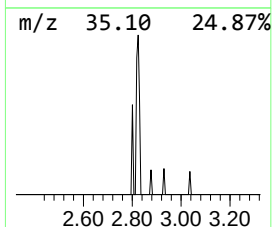
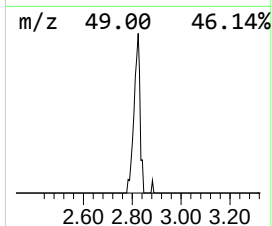
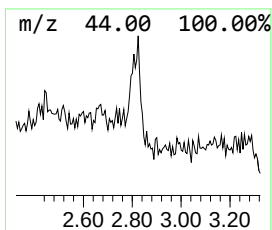
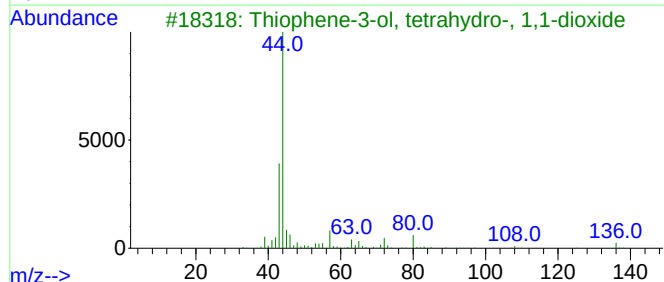
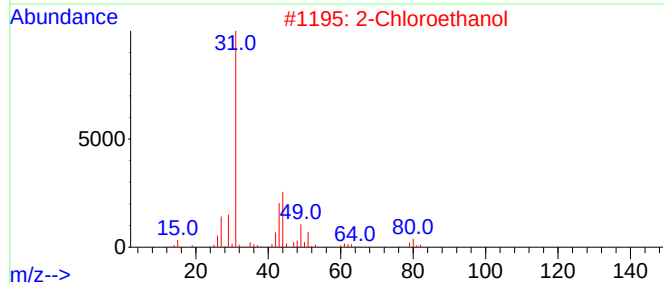
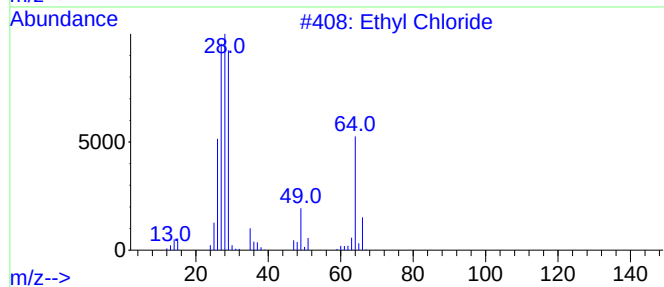
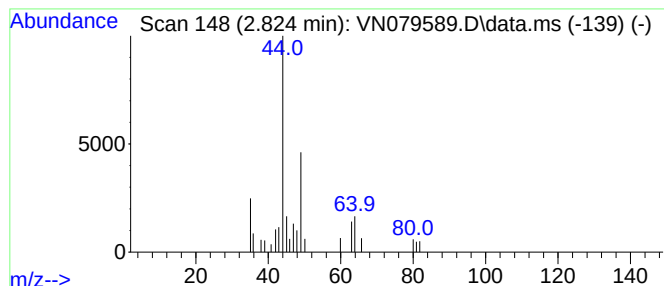
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TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown2.824 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.824	7.06 ug/l	32697	Bromochloromethane	7.818

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethyl Chloride	64	C2H5Cl	000075-00-3	38
2			2-Chloroethanol	80	C2H5ClO	000107-07-3	9
3			Thiophene-3-ol, tetrahydro-, 1,1...	136	C4H8O3S	013031-76-0	9
4			Propanoyl chloride	92	C3H5ClO	000079-03-8	4
5			Pentanal	86	C5H10O	000110-62-3	4



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	2.295	15.9	ug/l	73721	1	7.818	138976	30.0
unknown2.824	2.824	7.1	ug/l	32697	1	7.818	138976	30.0