

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101723\
 Data File : VN079586.D
 Acq On : 17 Oct 2023 17:09
 Operator : JC\MD
 Sample : 04894-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 002-35TH-AVE(OCT)

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: VN079586.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	52	58	62	rBV2	13475	28881	5.72%	1.188%
2	2.824	140	148	152	rBV4	14550	31941	6.32%	1.314%
3	4.442	414	423	434	rBV2	14976	44698	8.85%	1.839%
4	4.724	461	471	477	rBV3	13815	41360	8.18%	1.702%
5	5.530	599	608	622	rVB2	8298	29832	5.90%	1.227%
6	7.500	942	943	953	rVB2	3615	5227	1.03%	0.215%
7	7.824	987	998	1008	rBV2	58368	145040	28.70%	5.968%
8	7.971	1015	1023	1032	rBV3	10090	22008	4.36%	0.905%
9	8.582	1118	1127	1140	rVB	100755	230391	45.59%	9.479%
10	8.718	1145	1150	1151	rBV3	4923	7574	1.50%	0.312%
11	9.106	1207	1216	1226	rBV	158747	315946	62.52%	12.999%
12	10.447	1441	1444	1450	rVV3	3489	5998	1.19%	0.247%
13	10.571	1453	1465	1471	rBV	269411	505335	100.00%	20.791%
14	10.635	1471	1476	1489	rVV	115541	235915	46.68%	9.706%
15	11.871	1678	1686	1698	rBV	261833	478877	94.76%	19.703%
16	12.853	1846	1853	1865	rBV	167717	301469	59.66%	12.404%

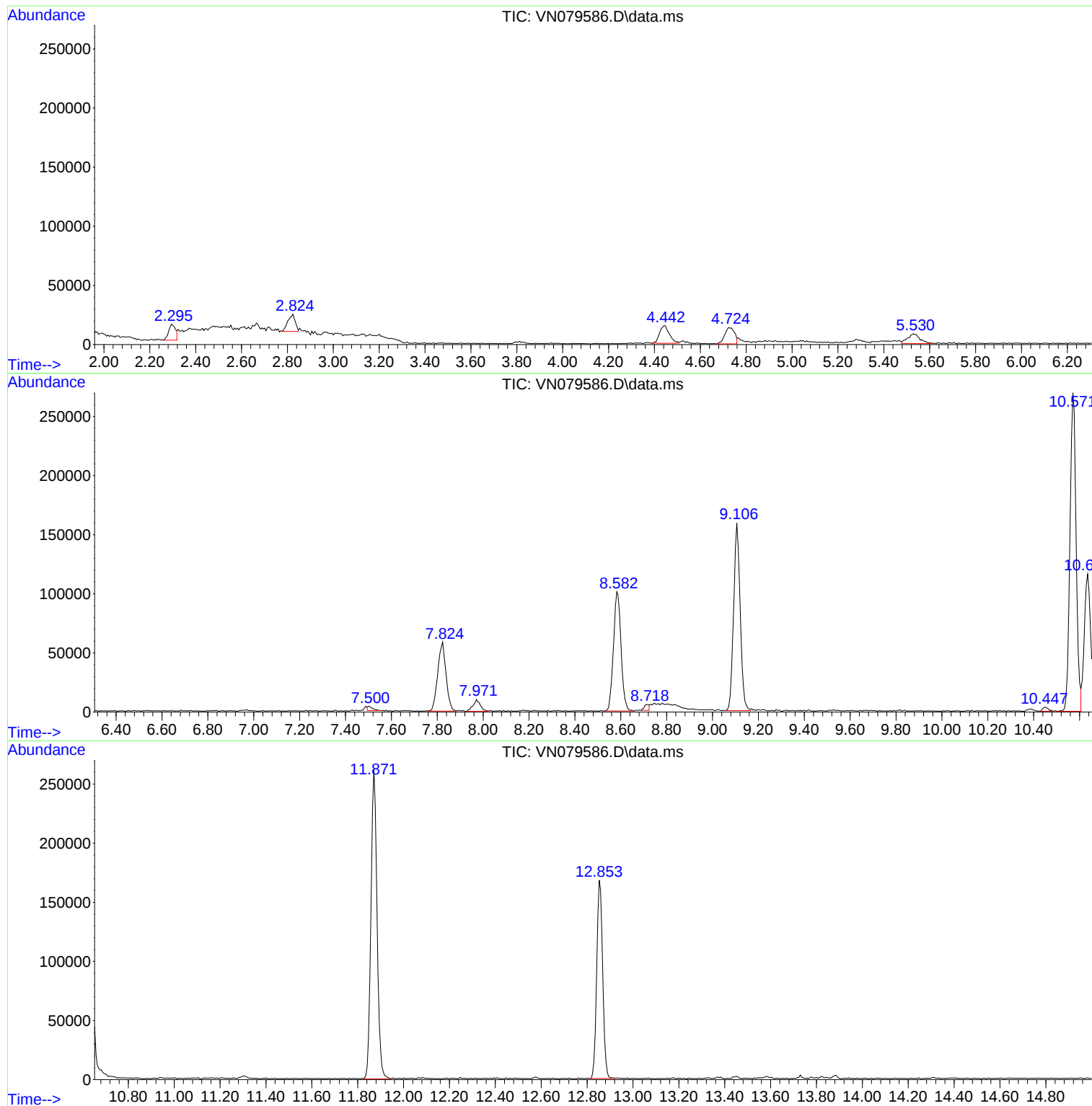
Sum of corrected areas: 2430492

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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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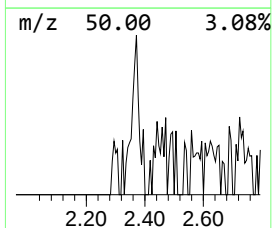
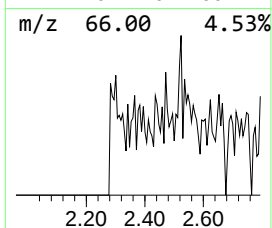
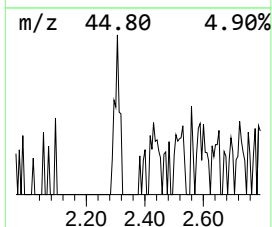
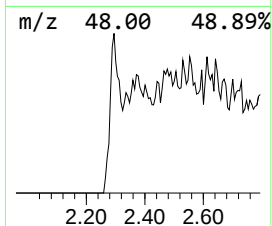
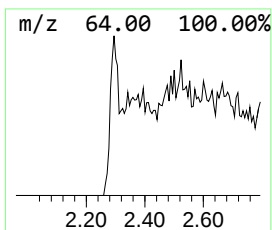
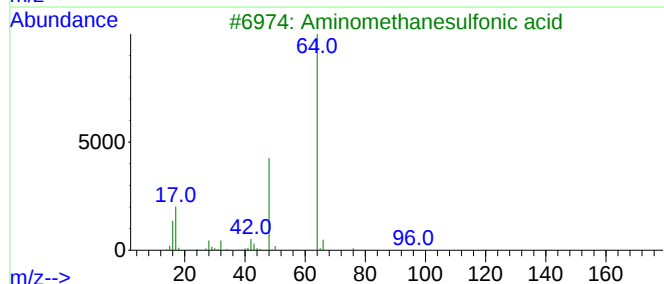
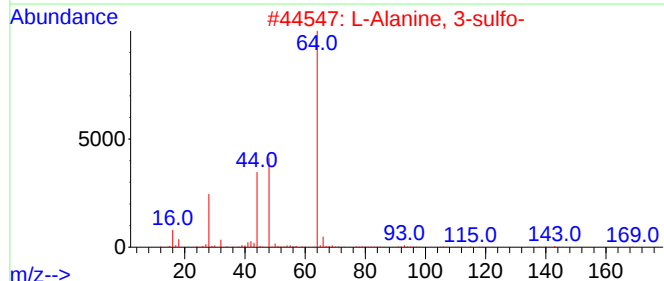
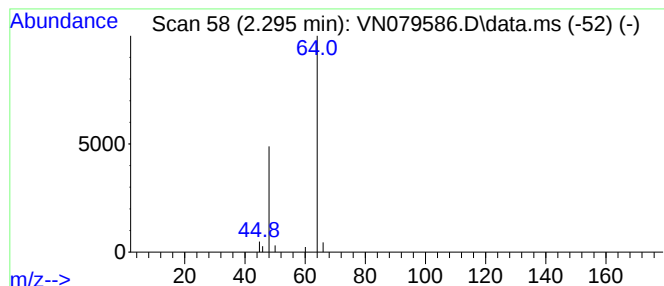
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

Peak Number 1 Sulfur dioxide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.295	5.97 ug/l	28881	Bromochloromethane	7.824

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfur dioxide	64	O2S	007446-09-5	74
2			L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
3			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4			Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5			Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	7



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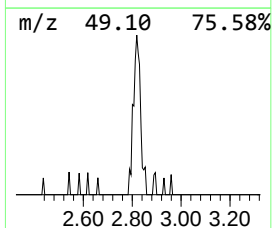
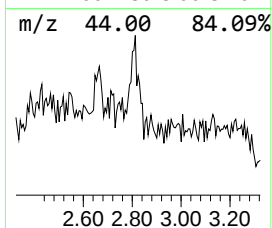
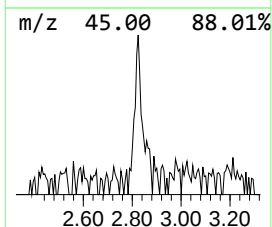
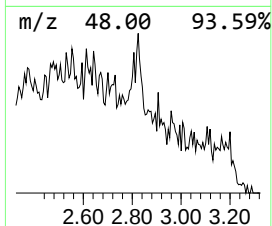
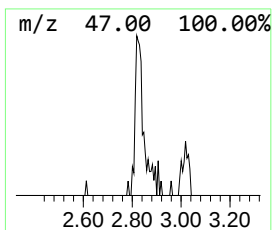
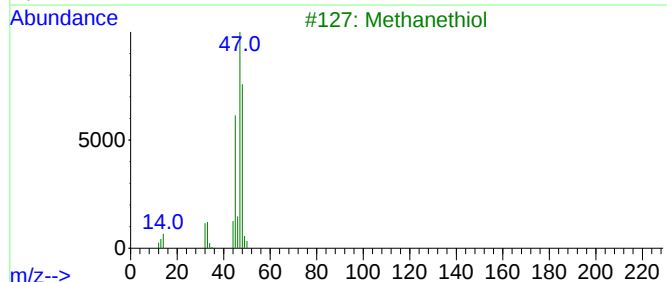
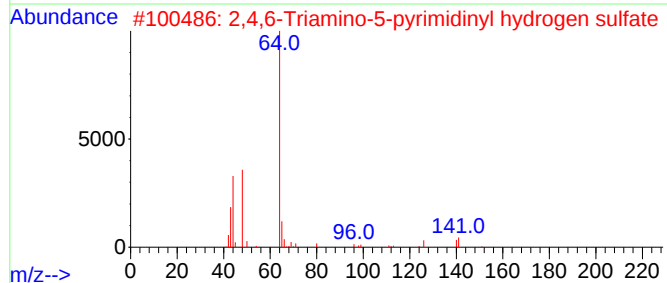
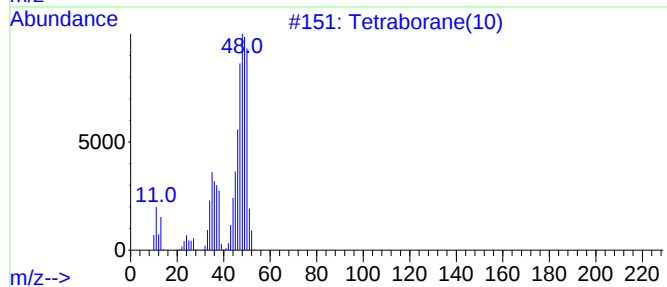
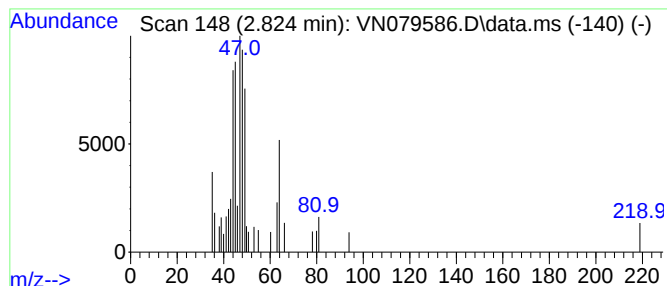
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TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown2.824 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.824	6.61 ug/l	31941	Bromochloromethane	7.824

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetraborane(10)	54	B4H10	018283-93-7	33
2			2,4,6-Triamino-5-pyrimidinyl hyd...	221	C4H7N5O4S	071552-23-3	22
3			Methanethiol	48	CH4S	000074-93-1	14
4			S-Methyl methanethiosulphonate	126	C2H6O2S2	002949-92-0	10
5			Methional	104	C4H8OS	003268-49-3	10



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Sulfur dioxide	2.295	6.0	ug/l	28881	1	7.824	145040	30.0
unknown2.824	2.824	6.6	ug/l	31941	1	7.824	145040	30.0