LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090624\
Data File : VN083701.D
Acq On : 06 Sep 2024 17:12
Operator : JC\MD
Sample : P3790-02 20X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-002

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\624N090624W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN083701.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	67	rBV3	45768	92022	17.10%	3.863%
2	2.806	142	145	148	rBV3	5192	8331	1.55%	0.350%
3	2.883	155	158	160	rBV4	4778	7453	1.39%	0.313%
4	4.436	413	422	433	rBB4	5570	16910	3.14%	0.710%
5	4.736	460	473	487	rBV	30259	109969	20.44%	4.616%
6	7.224	889	896	903	rBV2	2381	6276	1.17%	0.263%
7	7.812	987	996	1008	rBV2	82668	208854	38.82%	8.767%
8	7.965	1016	1022	1028	rVB	2826	5737	1.07%	0.241%
9	8.577	1118	1126	1138	rBV	91789	207555	38.58%	8.712%
10	9.100	1205	1215	1225	rBV	202271	404202	75.13%	16.966%
11	10.565	1455	1464	1473	rBV	300202	537997	100.00%	22.582%
12	11.865	1677	1685	1697	rBB	260169	449570	83.56%	18.871%
13	12.847	1844	1852	1860	rBV	192914	327504	60.87%	13.747%

Sum of corrected areas: 2382380

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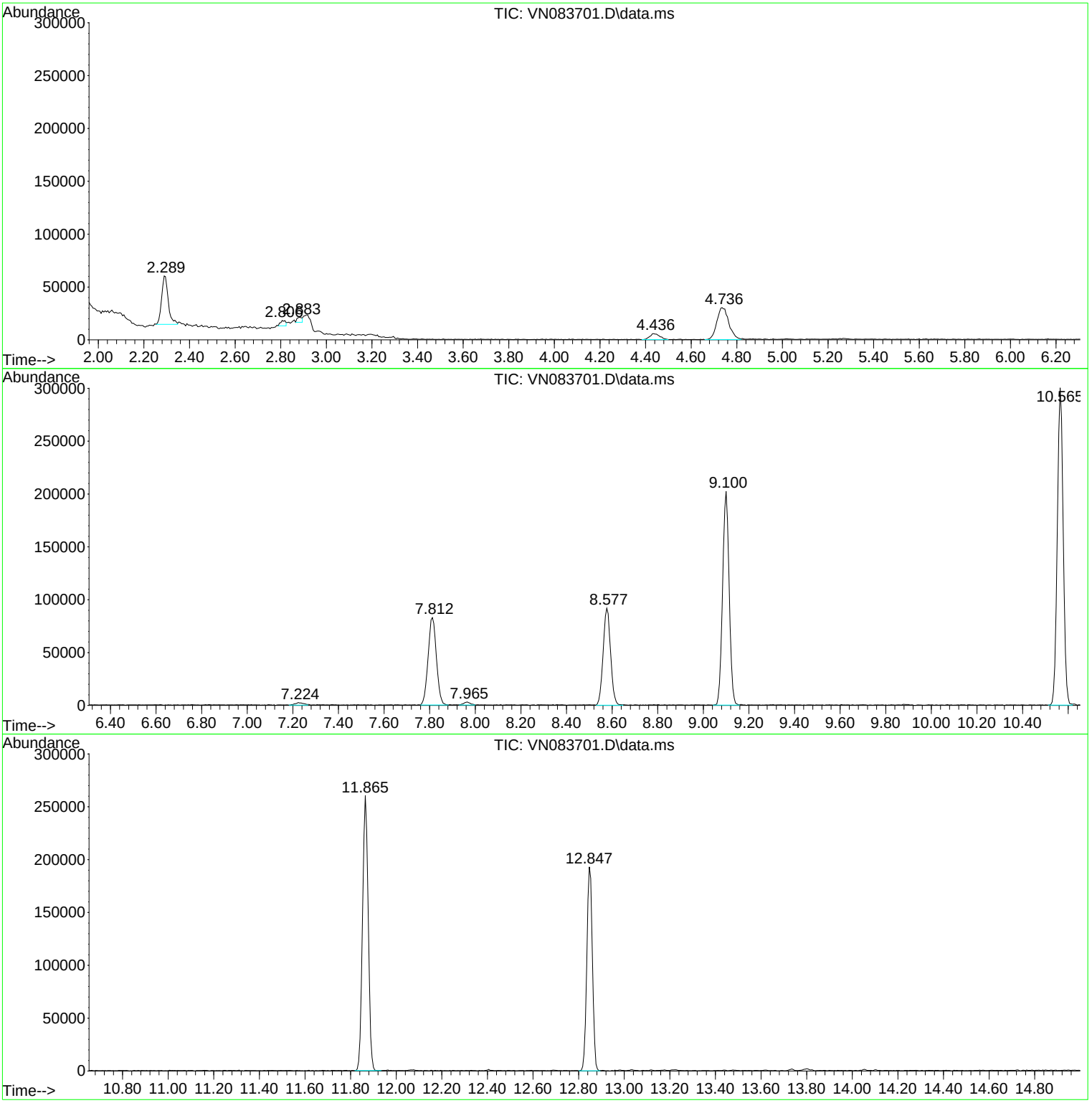
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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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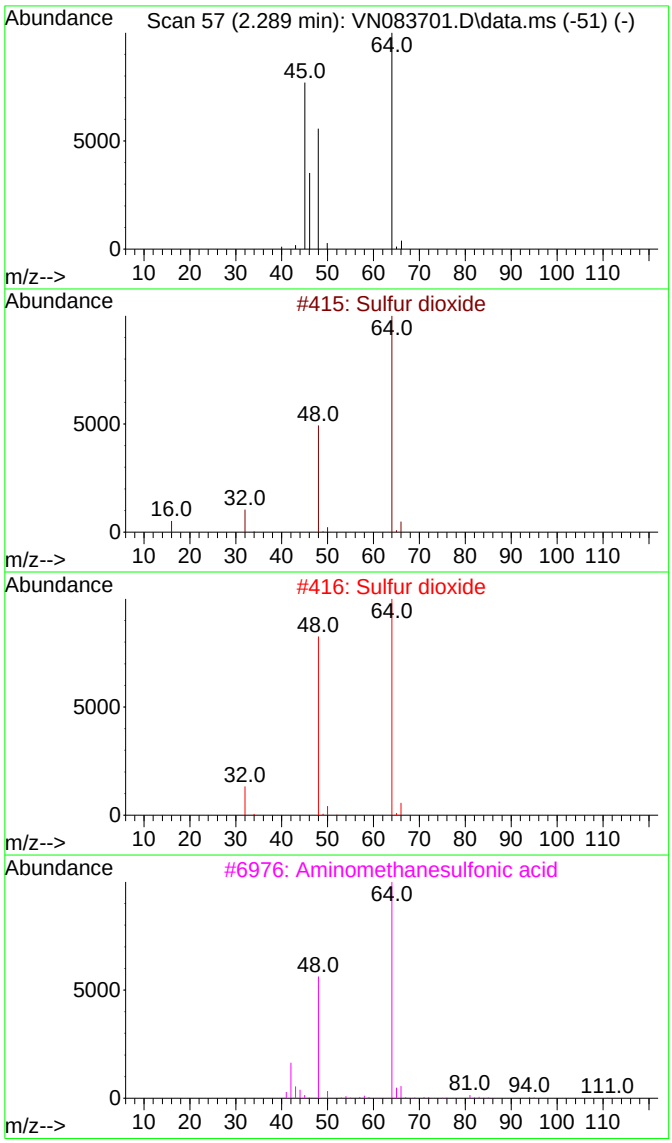
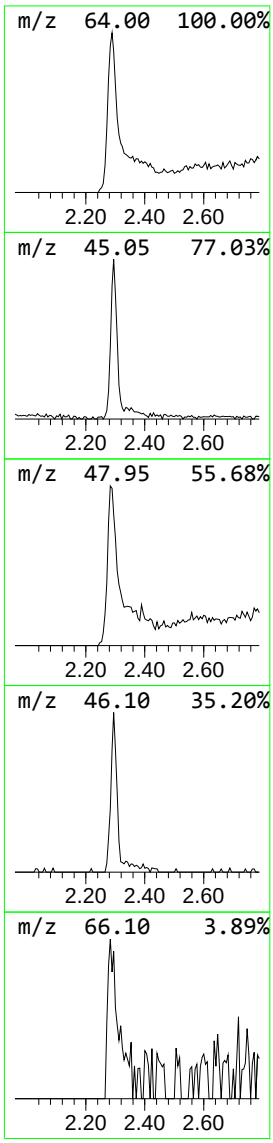
Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.289	13.22 ug/l	92022	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	64
2	Sulfur dioxide	64	O2S	007446-09-5	45
3	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Dimethyl ether	46	C2H6O	000115-10-6	7





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OUTFALL-DSN-002

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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

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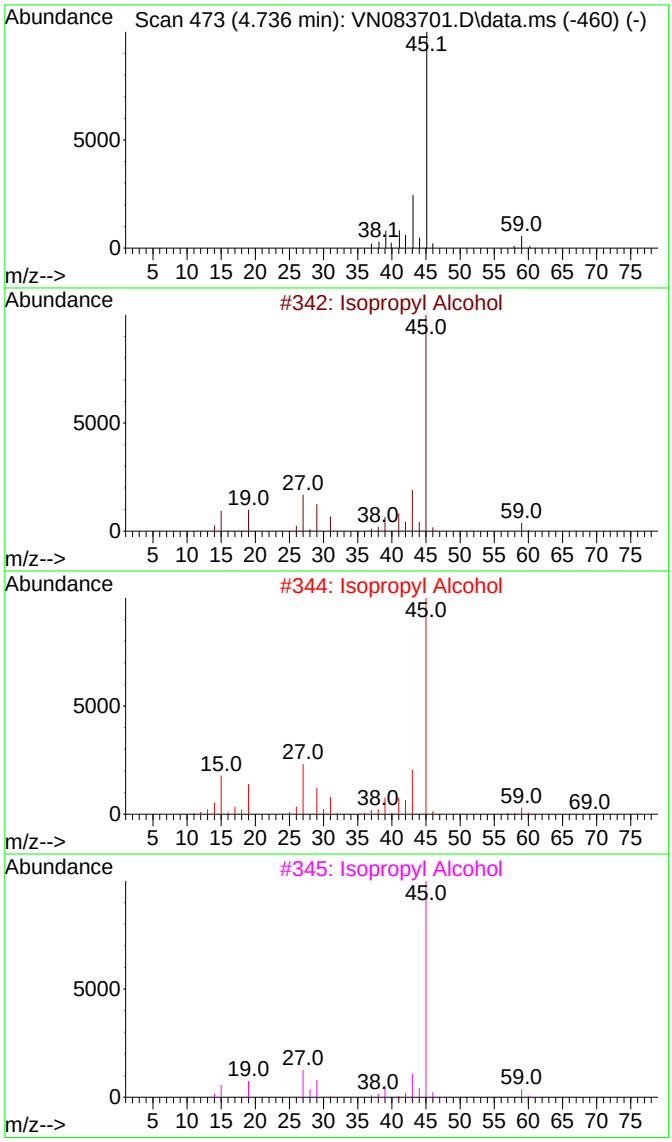
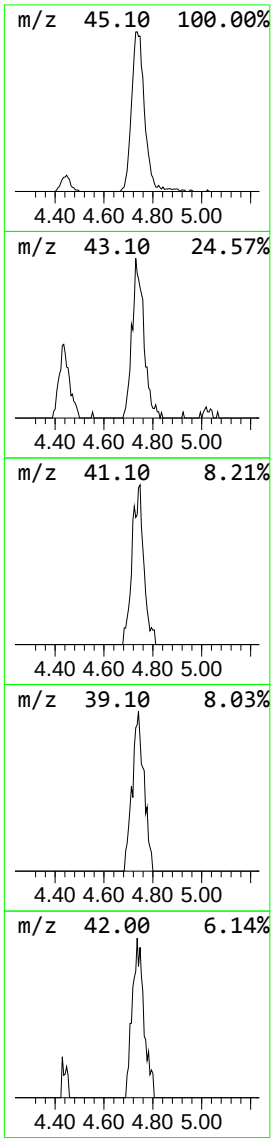
Peak Number 2 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.736	15.80 ug/l	109969	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	86
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	64
5	Hydrazine, ethyl-	60	C2H8N2	000624-80-6	43





Tentatively Identified Compound (LSC) summary

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OUTFALL-DSN-002

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.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	2.289	13.2	ug/l	92022	1	7.818	208854	30.0
Isopropyl Alcohol	4.736	15.8	ug/l	109969	1	7.818	208854	30.0