LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120624\
Data File : VN085137.D
Acq On : 06 Dec 2024 19:15
Operator : JC\MD
Sample : P5044-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
OUTFALL-DSN-001

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\624N120624W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN085137.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	77	rBV	87167	282489	63.56%	10.321%
2	2.659	116	120	126	rVB3	4348	8425	1.90%	0.308%
3	3.795	305	313	325	rBV3	4600	12107	2.72%	0.442%
4	4.430	411	421	434	rBV	48757	146500	32.96%	5.352%
5	4.712	458	469	486	rBV	107220	344956	77.62%	12.603%
6	7.812	987	996	1010	rVB	79511	199469	44.88%	7.288%
7	7.965	1012	1022	1035	rVB2	45681	110868	24.95%	4.051%
8	8.577	1117	1126	1137	rVB2	82273	183760	41.35%	6.714%
9	9.100	1205	1215	1224	rBV	165384	324388	72.99%	11.852%
10	9.888	1343	1349	1354	rVB2	4874	9373	2.11%	0.342%
11	10.565	1455	1464	1472	rBV	251806	444440	100.00%	16.238%
12	11.865	1678	1685	1694	rBV	215256	380435	85.60%	13.899%
13	12.082	1716	1722	1727	rBV	8180	12674	2.85%	0.463%
14	12.847	1844	1852	1860	rBV	147386	247153	55.61%	9.030%
15	13.500	1956	1963	1970	rBV2	11825	19998	4.50%	0.731%
16	14.370	2107	2111	2115	rBV2	7218	10055	2.26%	0.367%

Sum of corrected areas: 2737090

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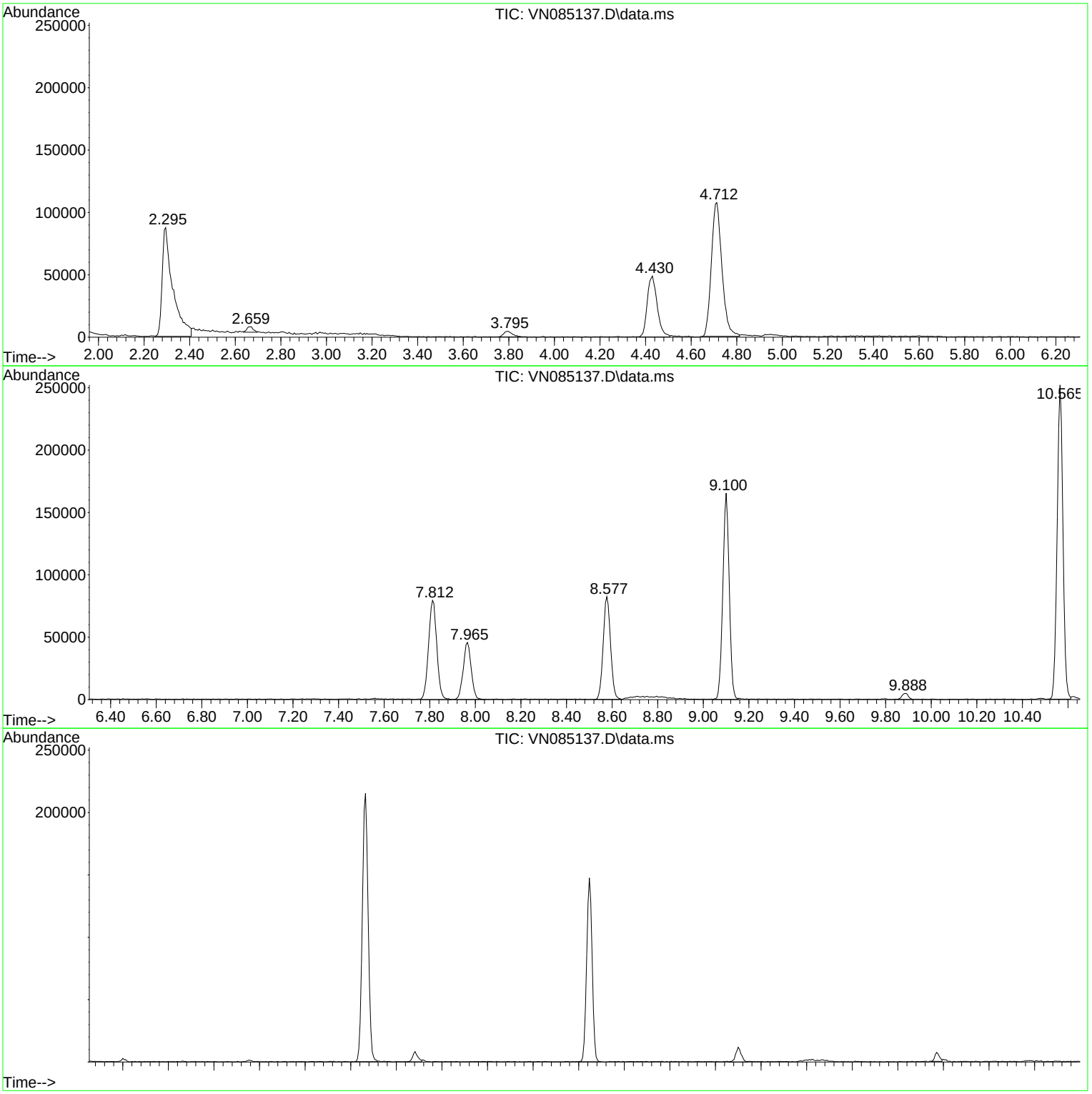
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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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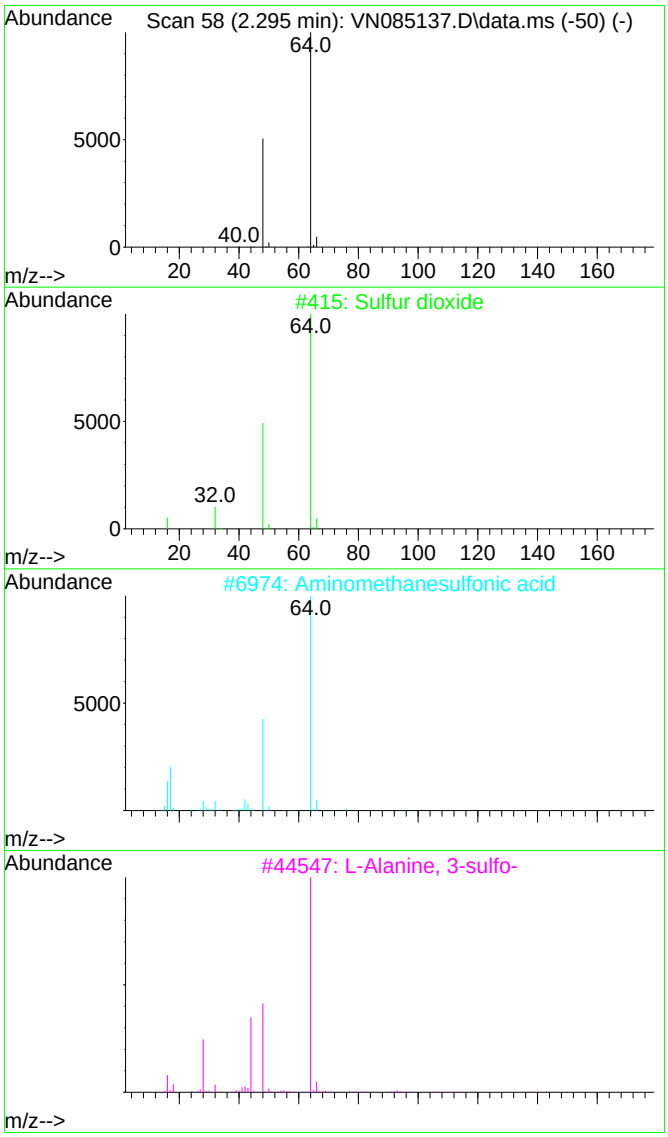
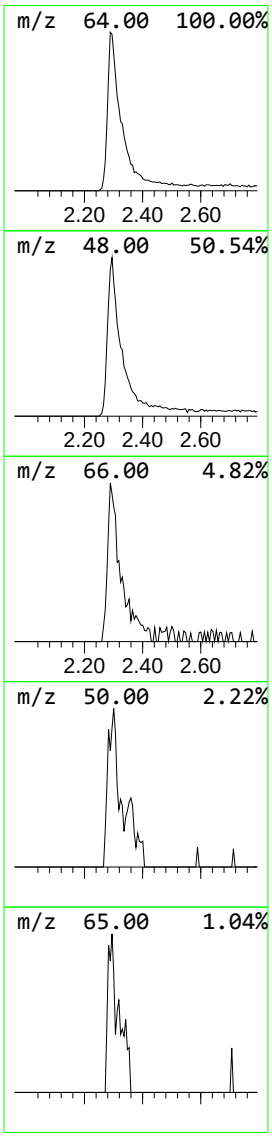
Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.295	42.49 ug/l	282489	Bromochloromethane	7.818

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9





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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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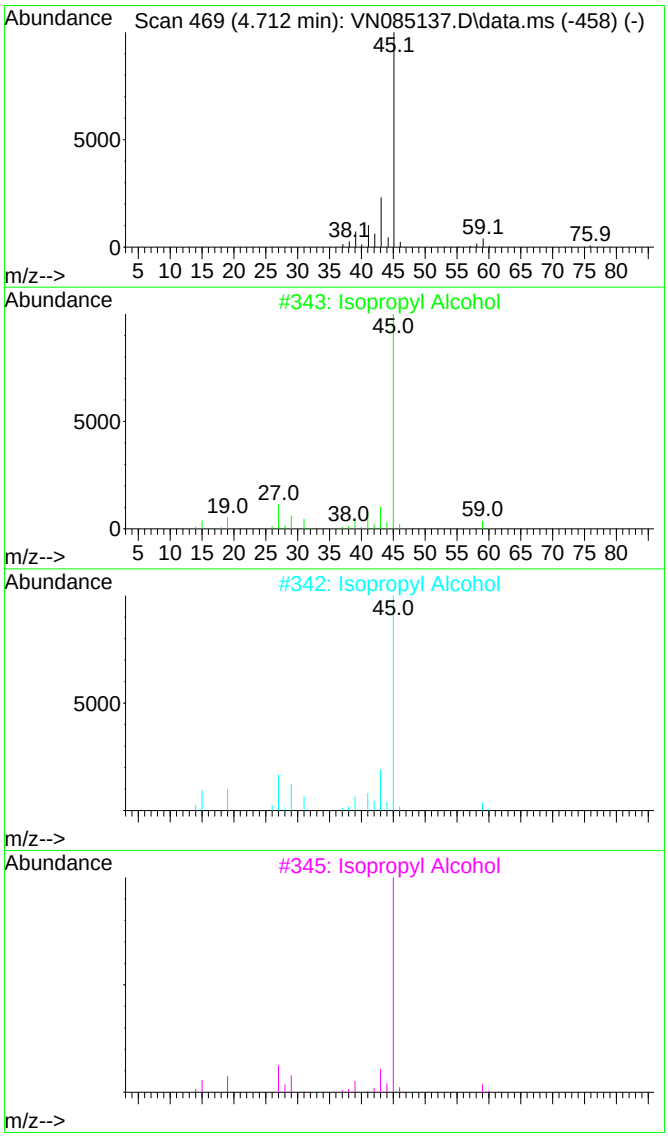
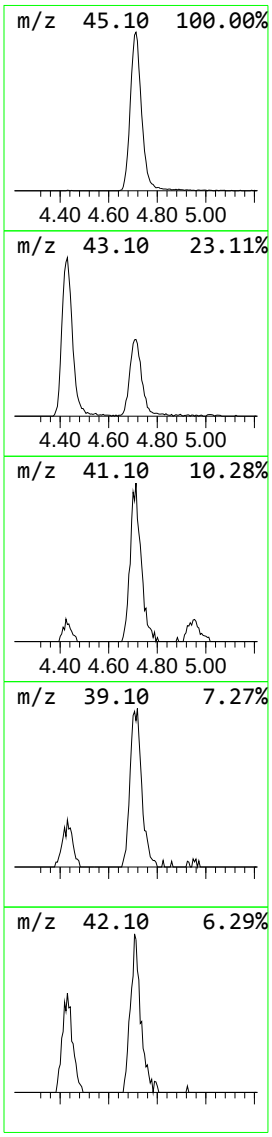
Peak Number 2 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.712	51.88 ug/l	344956	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	56
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	56





Tentatively Identified Compound (LSC) summary

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.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	42.5	ug/l	282489	1	7.818	199469	30.0
Isopropyl Alcohol	4.712	51.9	ug/l	344956	1	7.818	199469	30.0