LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
Data File : VN083714.D
Acq On : 09 Sep 2024 13:36
Operator : JC\MD
Sample : P3790-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 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: VN083714.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	70	rBV3	46504	112631	5.30%	2.508%
2	4.424	409	420	433	rBV	61641	186005	8.75%	4.141%
3	4.724	457	471	489	rBV	624570	2126862	100.00%	47.355%
4	7.812	986	996	1007	rBV3	74709	183336	8.62%	4.082%
5	7.965	1011	1022	1031	rBV2	56709	138574	6.52%	3.085%
6	8.577	1116	1126	1136	rBV	84512	186602	8.77%	4.155%
7	9.100	1206	1215	1226	rBV	173366	354366	16.66%	7.890%
8	9.888	1343	1349	1355	rBV3	14727	27352	1.29%	0.609%
9	10.565	1455	1464	1472	rBV	259524	472021	22.19%	10.510%
10	11.865	1677	1685	1695	rVB	229807	404914	19.04%	9.015%
11	12.847	1845	1852	1860	rBV	179914	298676	14.04%	6.650%

Sum of corrected areas: 4491339

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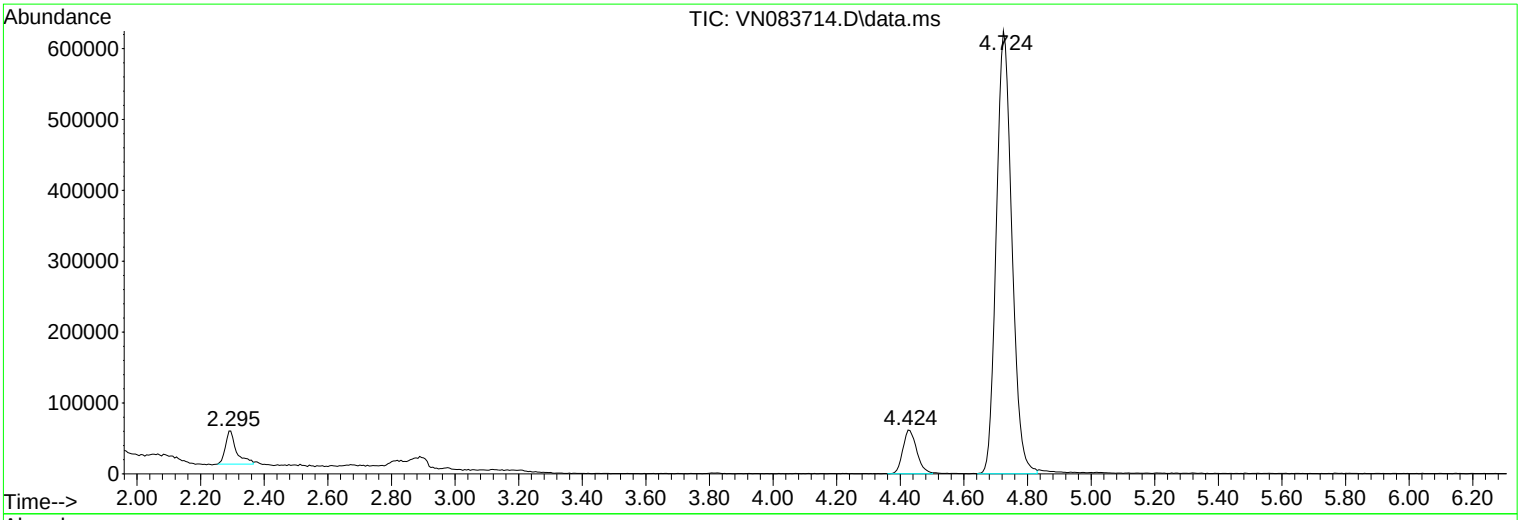
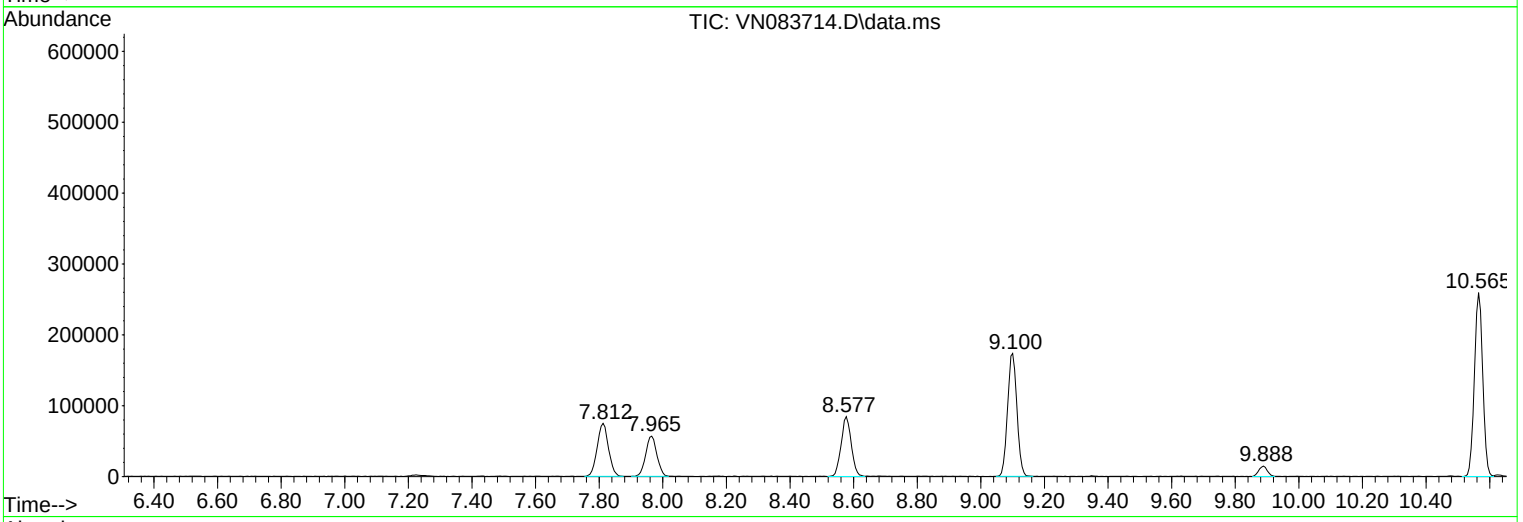
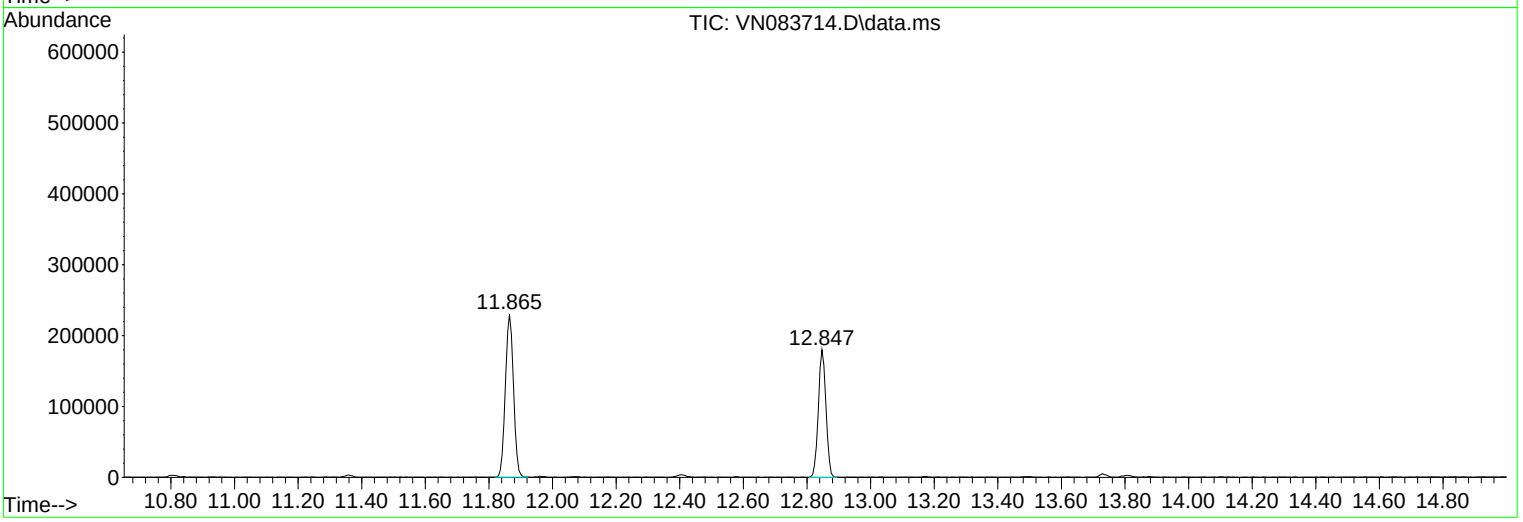
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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







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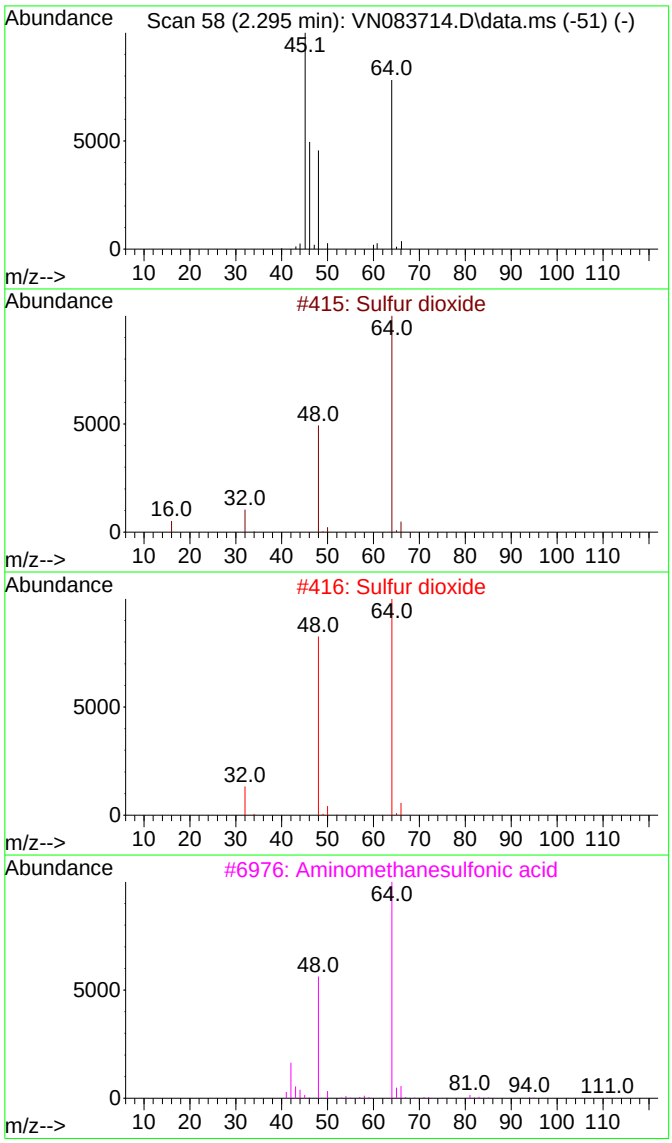
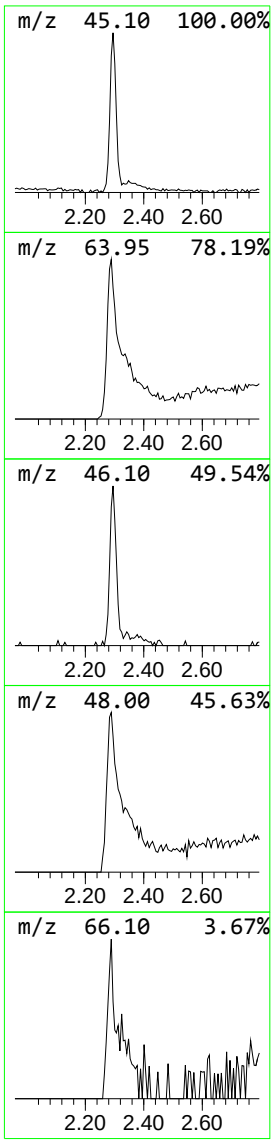
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Sulfur dioxide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.295	18.43 ug/l	112631	Bromochloromethane	7.812

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	38
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	38
5	Dimethyl ether	46	C2H6O	000115-10-6	9





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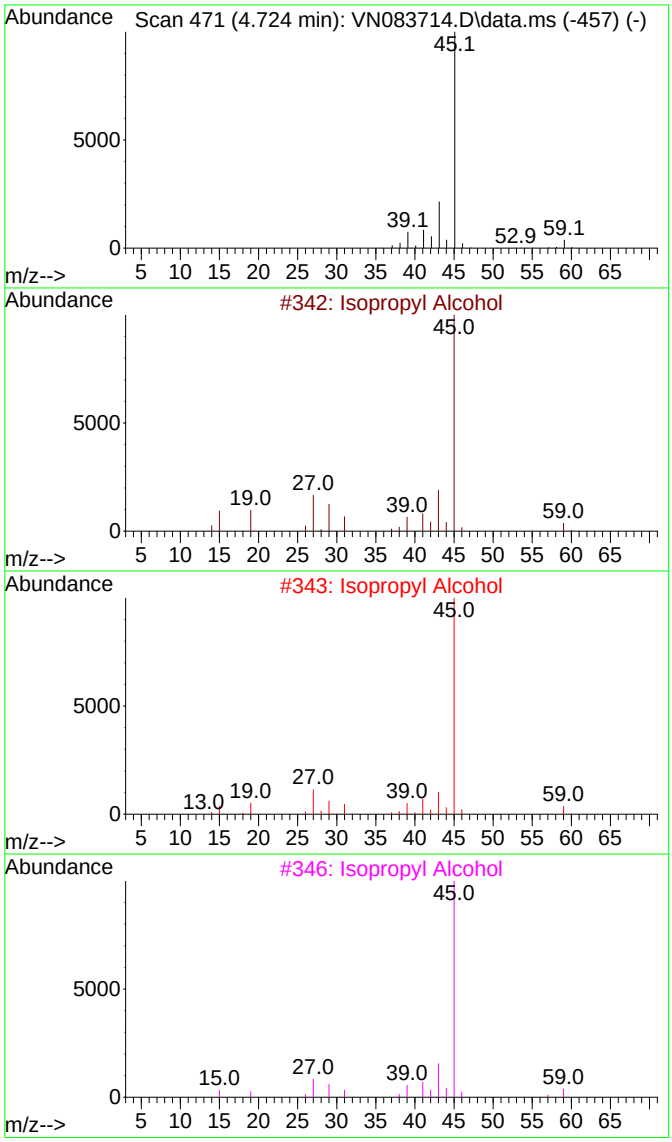
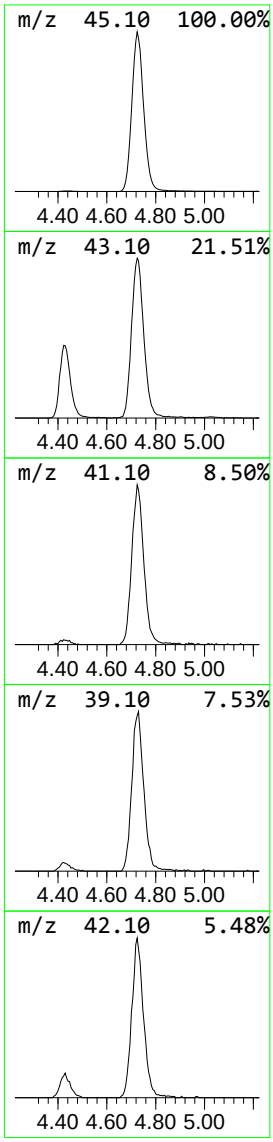
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Isopropyl Alcohol Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.724	348.03 ug/l	2126860	Bromochloromethane	7.812

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	78
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	Isopropyl Alcohol	60	C3H8O	000067-63-0	9





Tentatively Identified Compound (LSC) summary

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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	18.4	ug/l	112631	1	7.812	183336	30.0
Isopropyl Alcohol	4.724	348.0	ug/l	2126860	1	7.812	183336	30.0