LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042924\
Data File : VN081908.D
Acq On : 29 Apr 2024 12:44
Operator : JC\MD
Sample : P2292-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
240418050-02

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\624N042624W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN081908.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.283	47	56	61	rBV	3819806	6905688	100.00%	65.394%
2	4.424	408	420	431	rBV	59137	173339	2.51%	1.641%
3	7.818	985	997	1009	rBV2	127190	342792	4.96%	3.246%
4	8.577	1118	1126	1138	rBV	136848	310002	4.49%	2.936%
5	9.106	1206	1216	1227	rBV	297253	624098	9.04%	5.910%
6	10.571	1456	1465	1473	rBV	466483	875053	12.67%	8.286%
7	11.865	1677	1685	1699	rVB	398726	712513	10.32%	6.747%
8	12.853	1844	1853	1861	rBV	288249	504314	7.30%	4.776%
9	14.247	2083	2090	2095	rBV	70020	112338	1.63%	1.064%

Sum of corrected areas: 10560137

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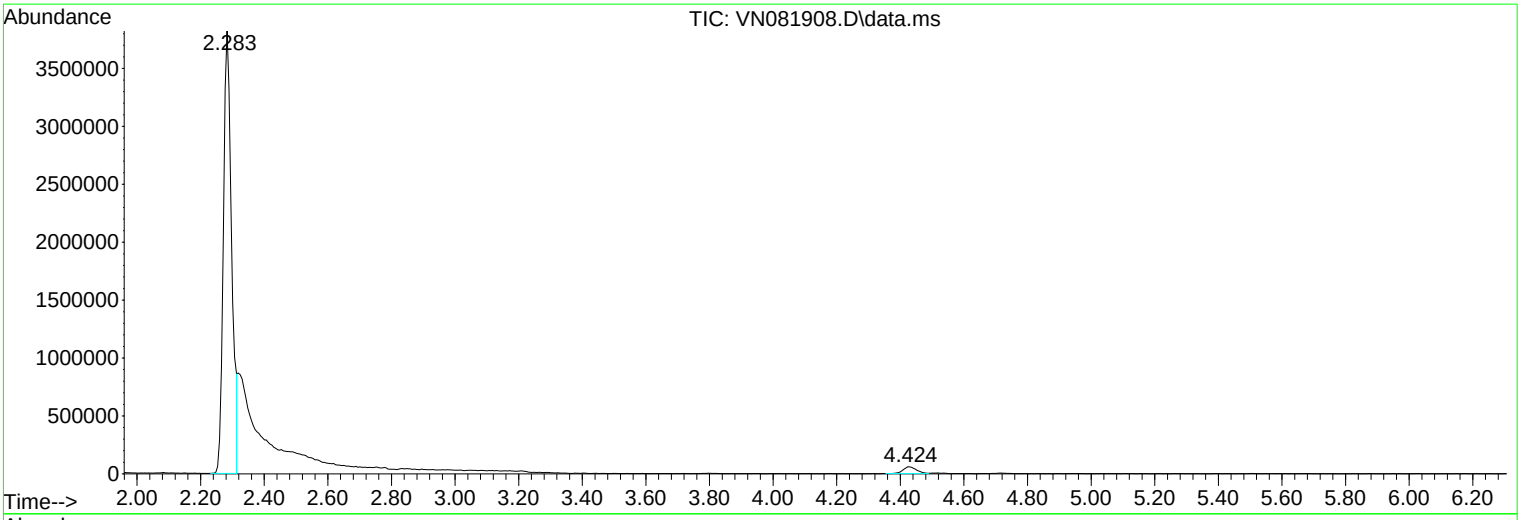
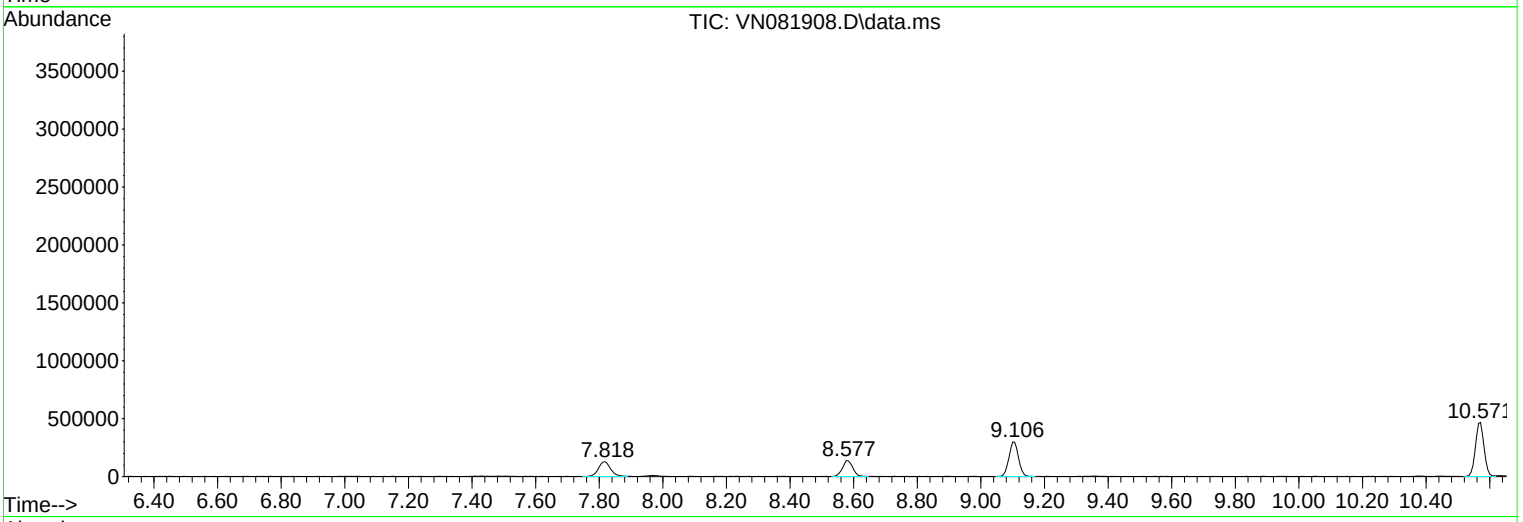
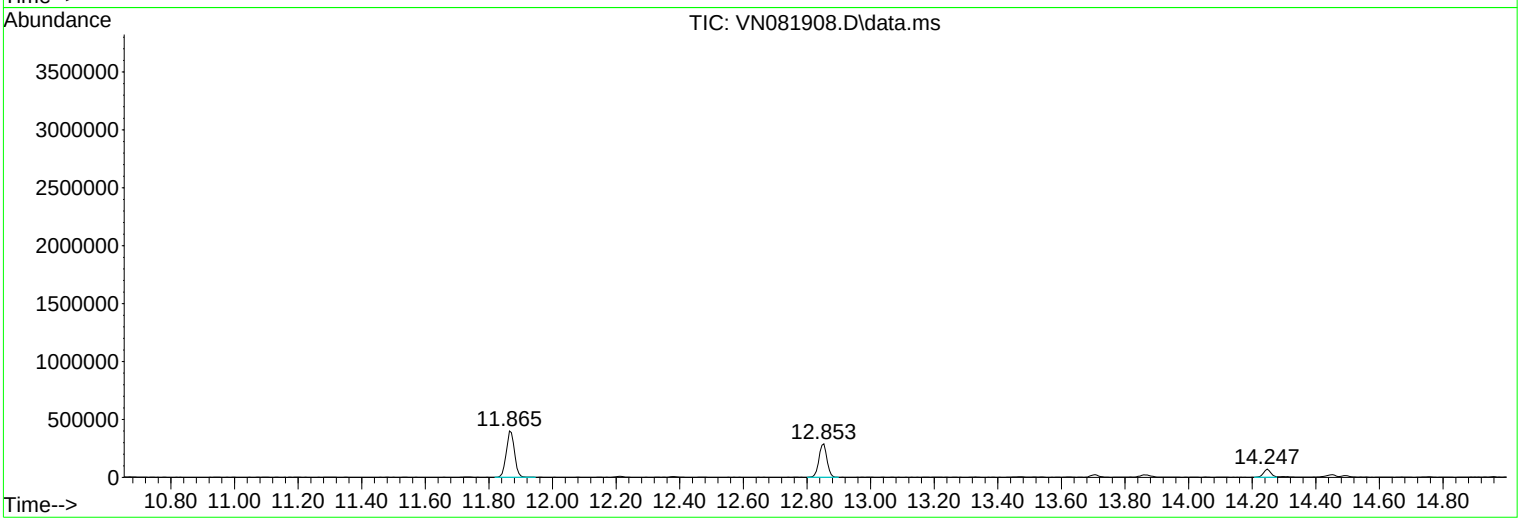
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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







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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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TIC Integration Parameters: LSCINT.P

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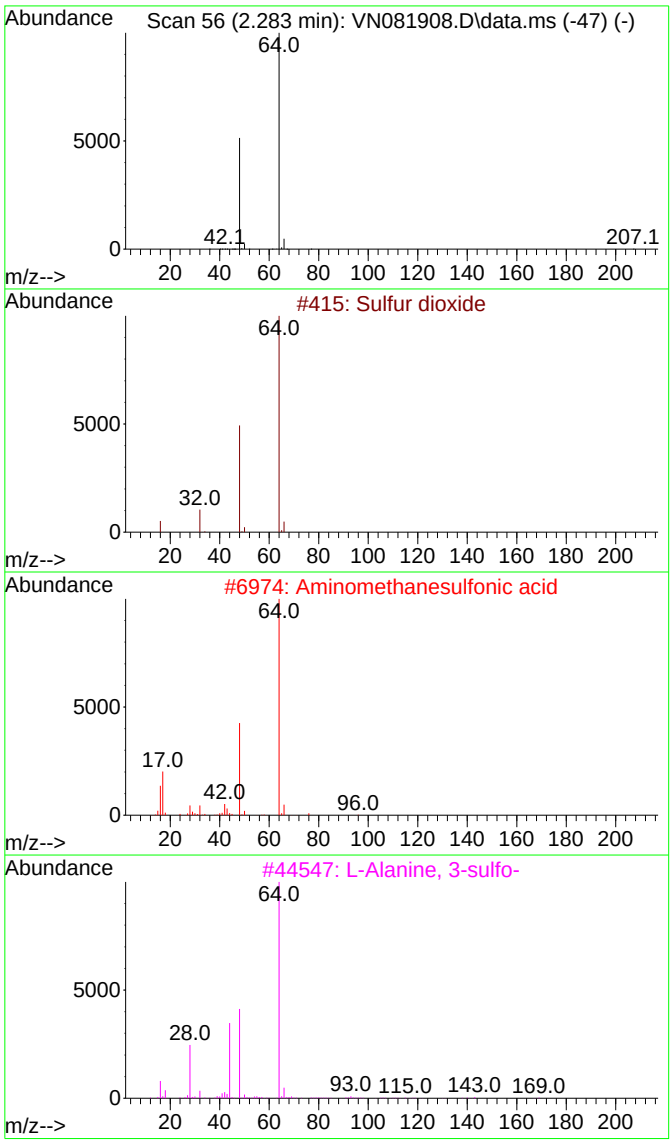
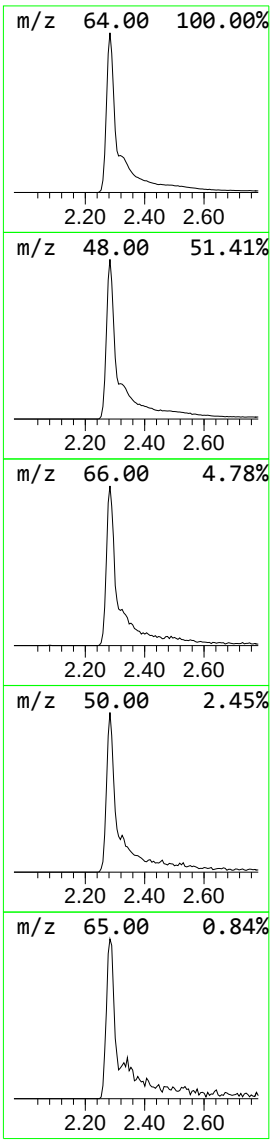
Peak Number 1 Sulfur dioxide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.283	604.36 ug/l	6905690	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	Ethene, 1,1-difluoro-	64	C2H2F2	000075-38-7	4





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

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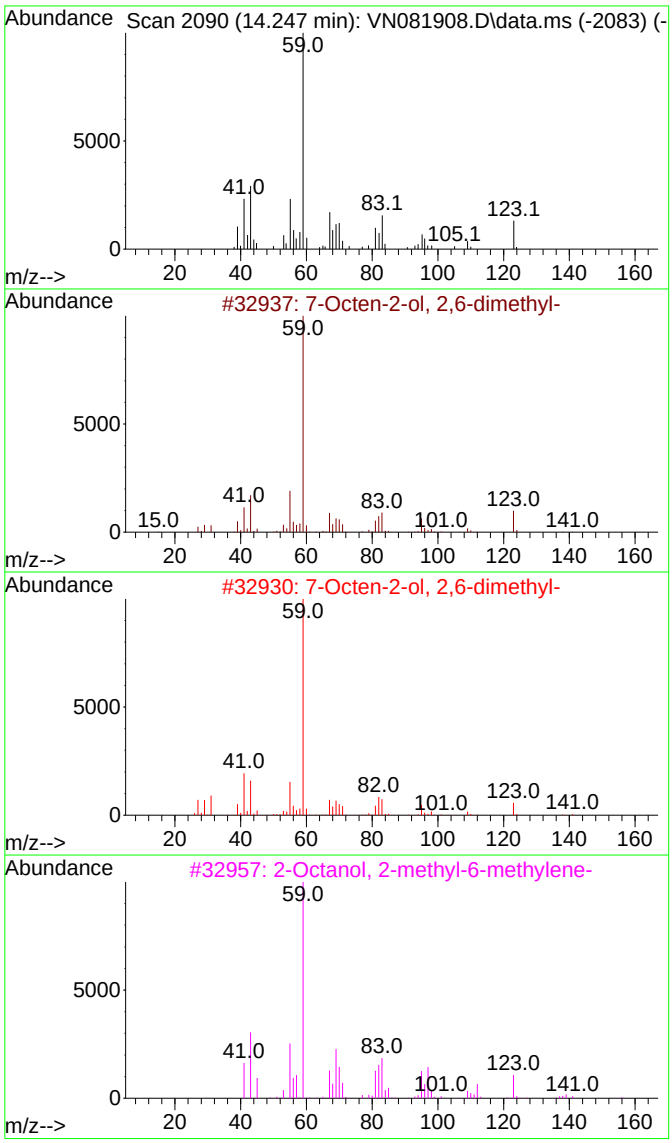
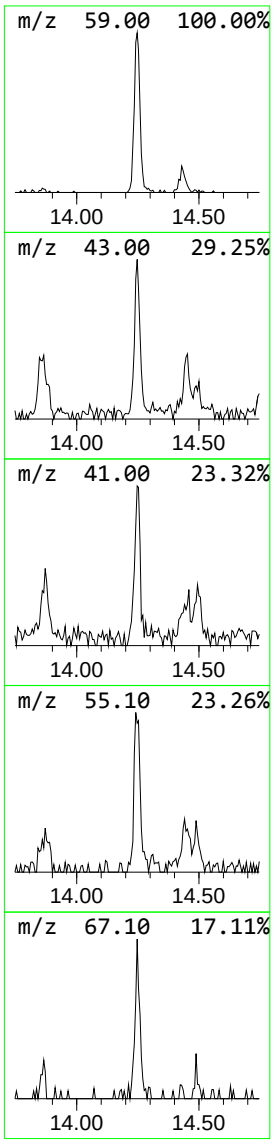
Peak Number 2 7-Octen-2-ol, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.247	4.73 ug/l	112338	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	83
2	7-Octen-2-ol, 2,6-dimethyl-	156	C10H20O	018479-58-8	64
3	2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	64
4	1,7-Octanediol, 3,7-dimethyl-	174	C10H22O2	000107-74-4	56
5	1,7-Octanediol, 3,7-dimethyl-	174	C10H22O2	000107-74-4	50





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	2.283	604.4	ug/l	6905690	1	7.818	342792	30.0
7-Octen-2-ol, 2...	14.247	4.7	ug/l	112338	3	11.865	712513	30.0