LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010725\
Data File : VN085397.D
Acq On : 07 Jan 2025 13:52
Operator : JC\MD
Sample : Q1013-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
002 35TH AVE (JAN)

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\624N122024W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN085397.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.318	48	62	88	rBV	240764	1221064	81.11%	23.979%
2	2.842	142	151	164	rVB3	41402	126876	8.43%	2.492%
3	4.424	411	420	429	rBV2	23716	70112	4.66%	1.377%
4	4.518	429	436	449	rVB3	10727	33098	2.20%	0.650%
5	4.706	456	468	479	rBV3	15515	52355	3.48%	1.028%
6	7.483	934	940	948	rVB3	6533	15157	1.01%	0.298%
7	7.806	985	995	1008	rBV	79465	202691	13.46%	3.980%
8	8.571	1115	1125	1138	rBV	85352	192968	12.82%	3.789%
9	9.094	1206	1214	1223	rBV	159795	319441	21.22%	6.273%
10	10.441	1436	1443	1449	rBV3	12820	24043	1.60%	0.472%
11	10.565	1456	1464	1469	rBV	247501	468158	31.10%	9.193%
12	10.624	1469	1474	1486	rVV	828369	1505523	100.00%	29.565%
13	10.729	1486	1492	1498	rVB	18246	32305	2.15%	0.634%
14	11.294	1581	1588	1594	rBV3	11005	19468	1.29%	0.382%
15	11.859	1677	1684	1697	rVB	222420	401885	26.69%	7.892%
16	12.847	1844	1852	1862	rVB	152353	262963	17.47%	5.164%
17	13.435	1946	1952	1956	rBV2	22557	36599	2.43%	0.719%
18	13.512	1962	1965	1969	rVV2	10925	16118	1.07%	0.317%
19	13.723	1992	2001	2005	rBV5	14564	28846	1.92%	0.566%
20	13.817	2013	2017	2022	rVV7	9013	21576	1.43%	0.424%
21	13.870	2022	2026	2033	rVB	24038	41034	2.73%	0.806%

Sum of corrected areas: 5092280

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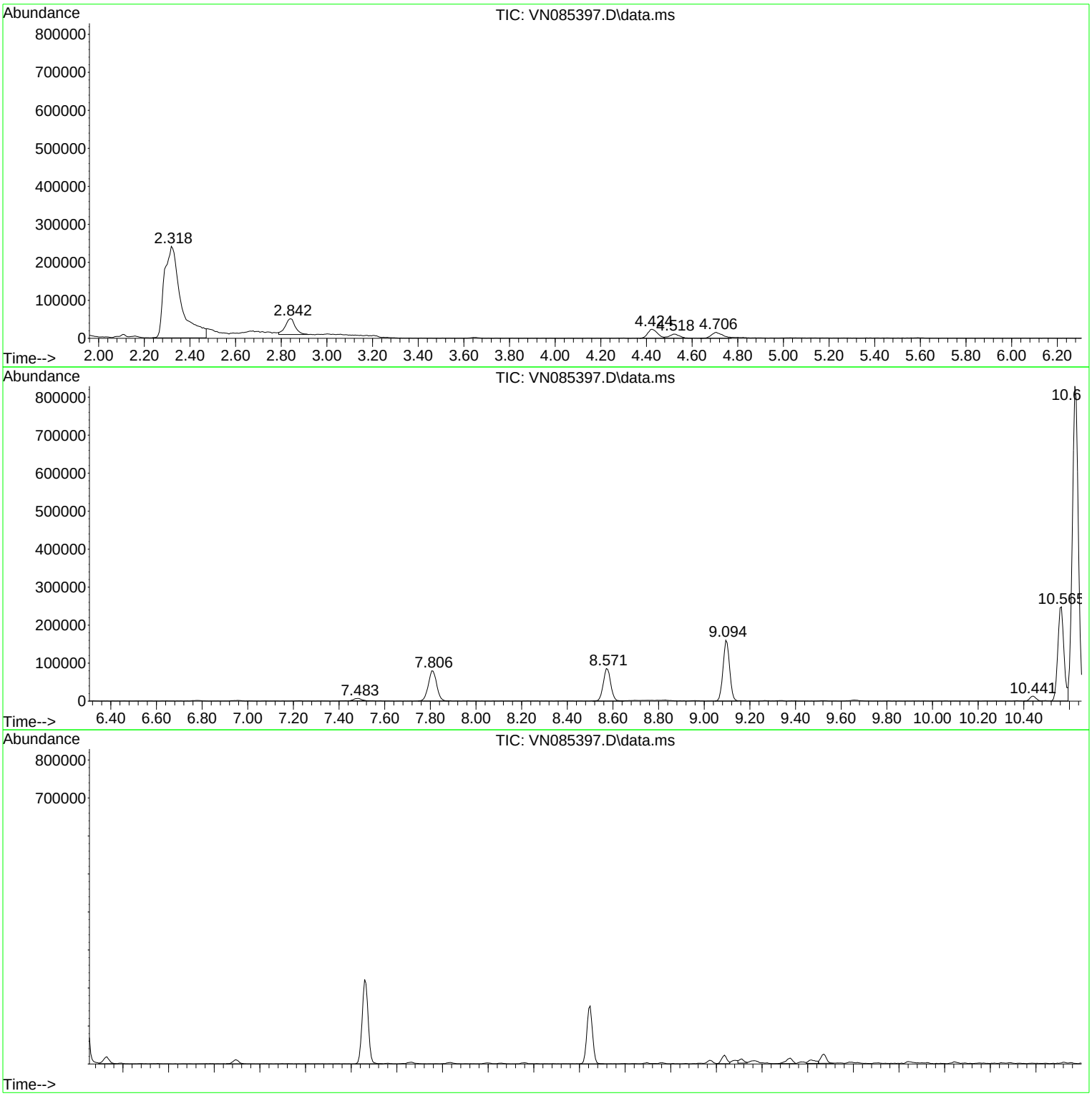
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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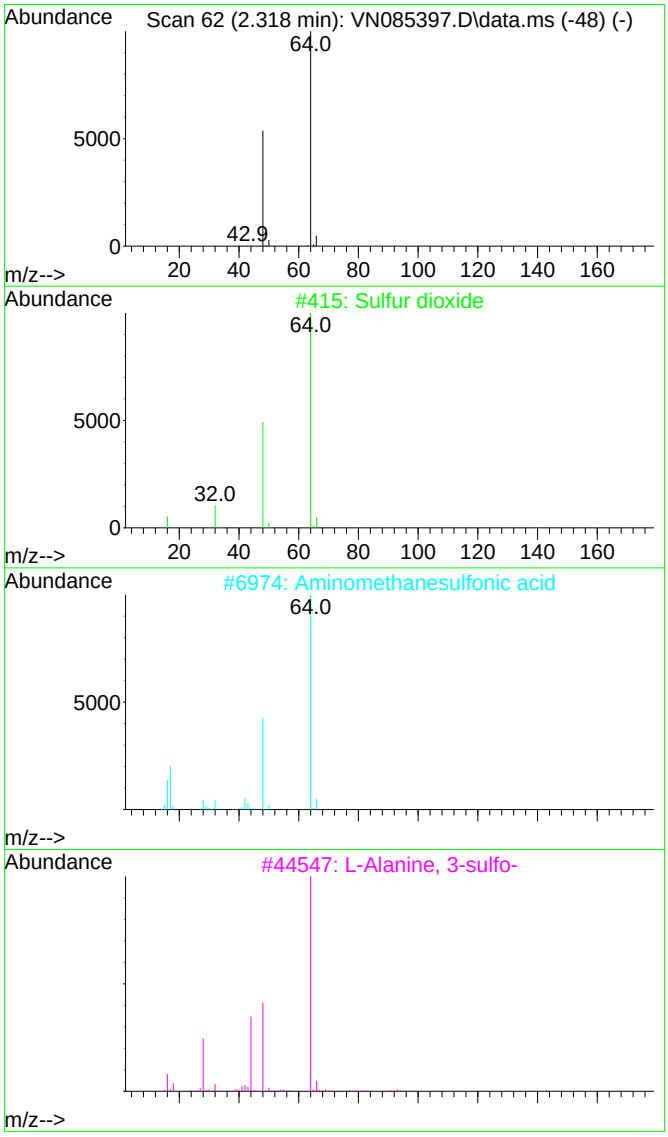
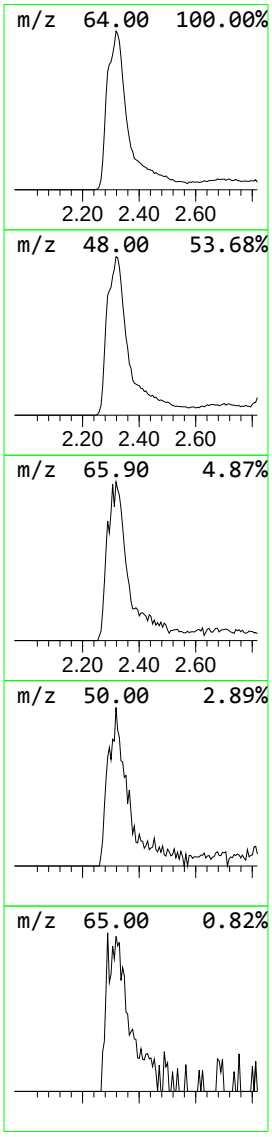
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.318	180.73 ug/l	1221060	Bromochloromethane	7.806

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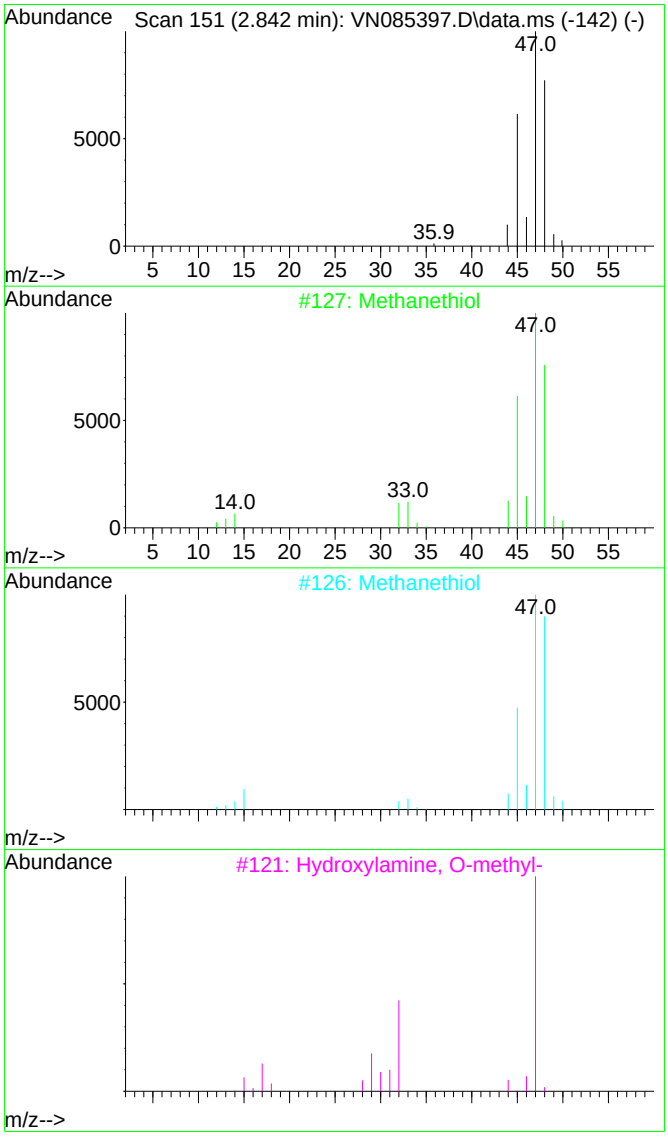
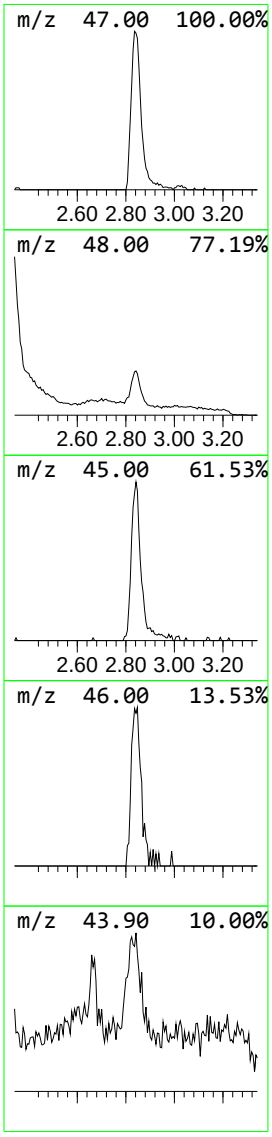
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Methanethiol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.842	18.78 ug/l	126876	Bromochloromethane	7.806

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanethiol	48	CH4S	000074-93-1	91
2	Methanethiol	48	CH4S	000074-93-1	90
3	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	7
4	Hydroxylamine, O-methyl-	47	CH5NO	000067-62-9	7
5	Methane, nitroso-	45	CH3NO	000865-40-7	5





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Instrument :
MSVOA_N
ClientSampleId :
002 35TH AVE (JAN)

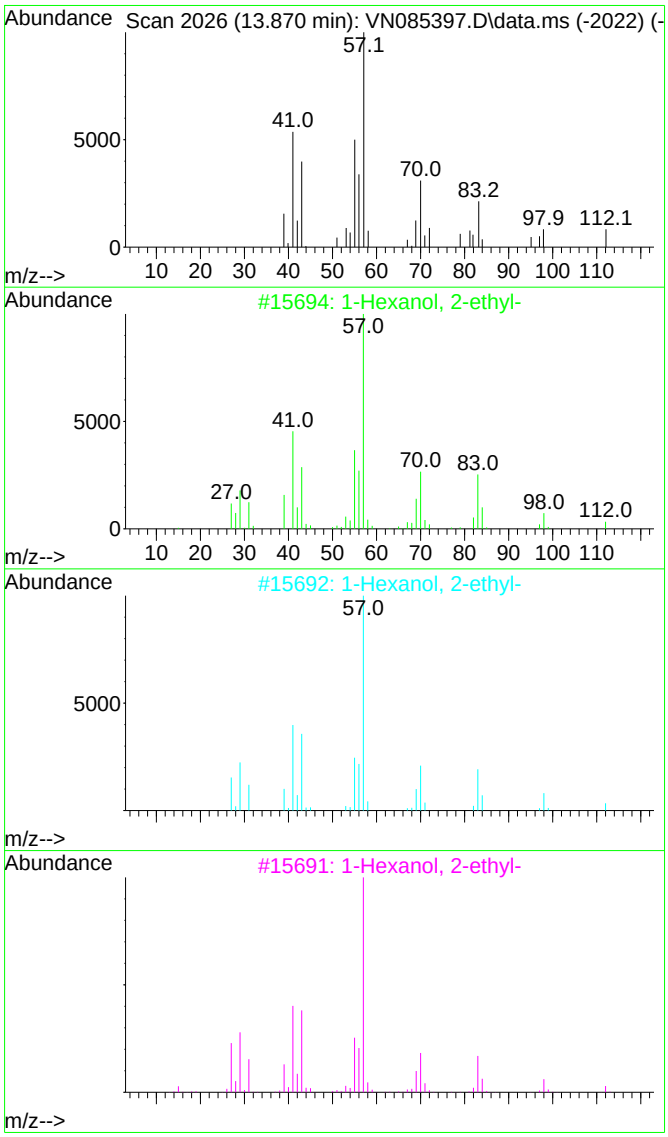
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N122024W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

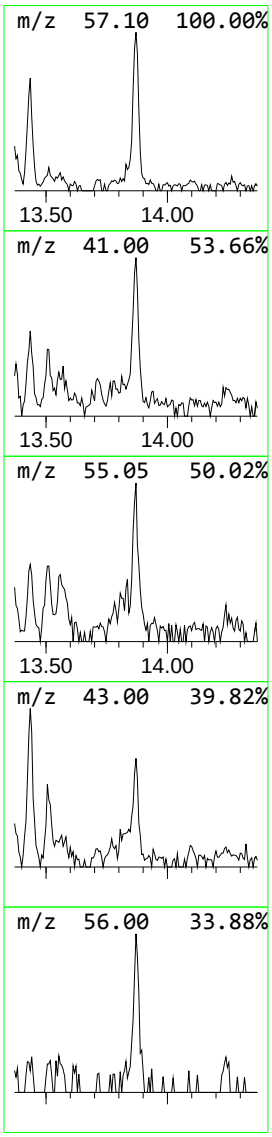
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.870	3.06 ug/l	41034	Chlorobenzene-d5	11.859

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
5	2-Heptenal, (E)-	112	C7H12O	018829-55-5	47





Tentatively Identified Compound (LSC) summary

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	2.318	180.7	ug/l	1221060	1	7.806	202691	30.0
Methanethiol	2.842	18.8	ug/l	126876	1	7.806	202691	30.0
1-Hexanol, 2-et...	13.870	3.1	ug/l	41034	3	11.859	401885	30.0