LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112221\
Data File : VN069606.D
Acq On : 22 Nov 2021 13:39
Operator : JC/MD
Sample : M4692-02 5X
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WW-EFF

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\624N111021W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC: VN069606.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.585	206	222	269	rBV3	34243817	65080610	50.75%	29.026%
2	4.291	834	858	908	rBV	2242779	6694981	5.22%	2.986%
3	4.604	937	975	1078	rBV2	33372097	128230487	100.00%	57.192%
4	7.659	2090	2114	2141	rBV2	505052	1334628	1.04%	0.595%
5	8.437	2384	2404	2429	rBV2	559388	1304029	1.02%	0.582%
6	8.837	2532	2553	2585	rBV2	1424939	3549565	2.77%	1.583%
7	8.968	2587	2602	2629	rVB	1205359	2579858	2.01%	1.151%
8	10.443	3132	3152	3201	rBV2	2994202	6016696	4.69%	2.683%
9	11.747	3618	3638	3663	rBV	1517556	2807968	2.19%	1.252%
10	12.733	3989	4006	4030	rBV	964657	1767433	1.38%	0.788%
11	13.774	4377	4394	4433	rBV	2660307	4845078	3.78%	2.161%

Sum of corrected areas: 224211333

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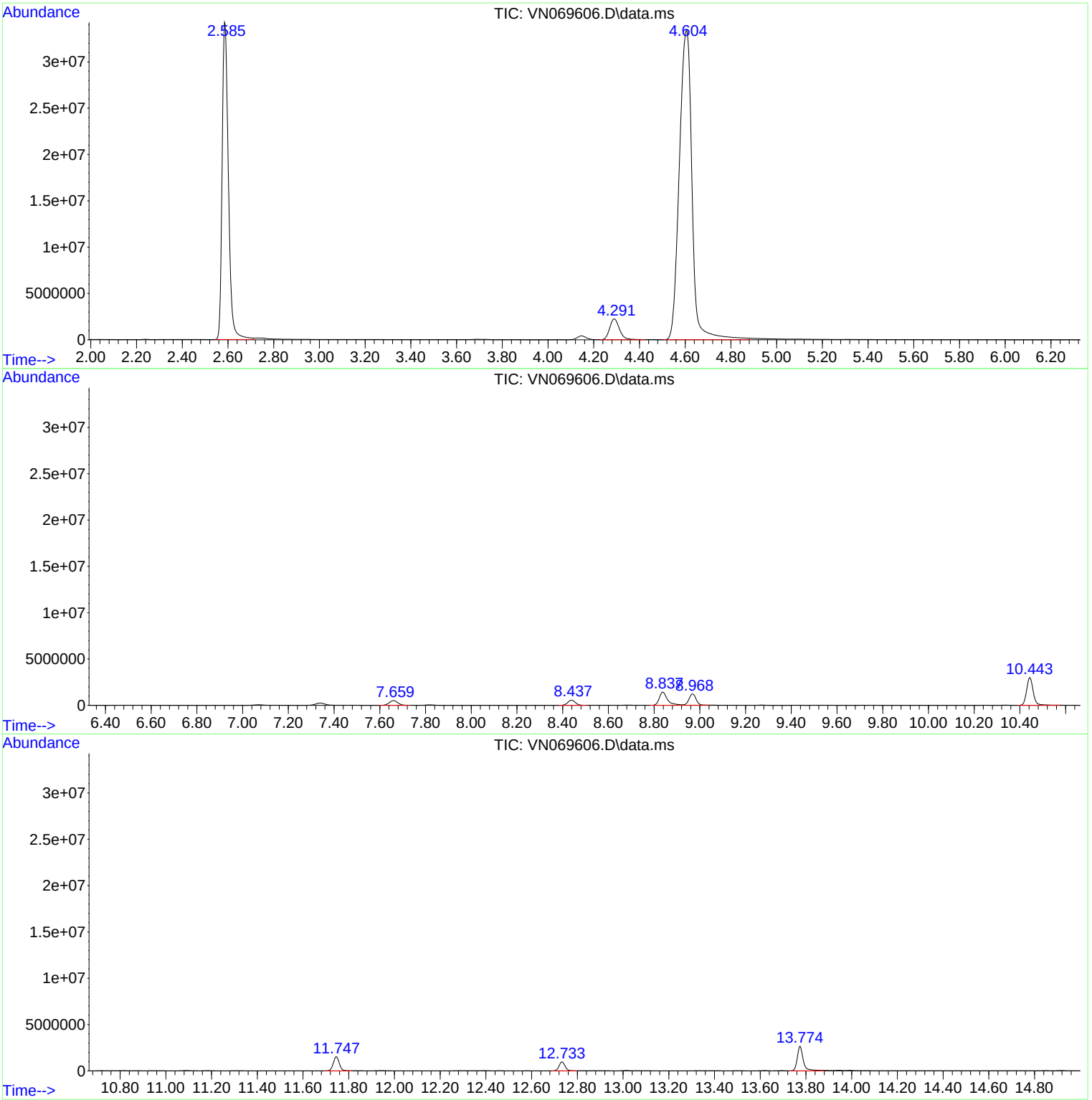
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N111021W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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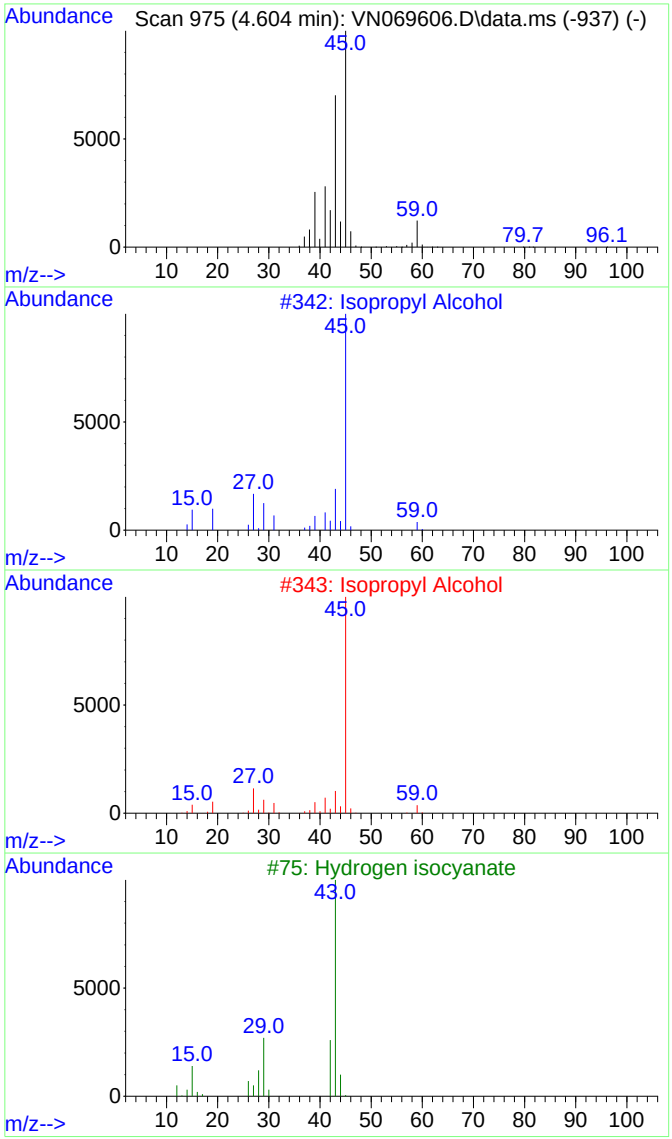
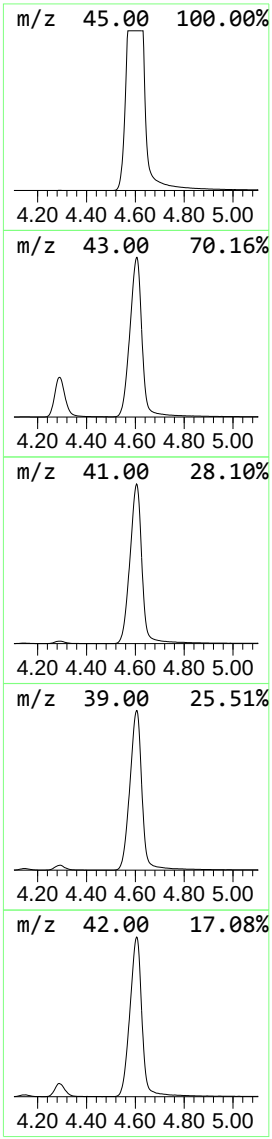
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 unknown4.604 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.604	2882.39 ug/l	128230000	Bromochloromethane	7.659

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
2	Isopropyl Alcohol	60	C3H8O	000067-63-0	8
3	Hydrogen isocyanate	43	CHNO	000075-13-8	5
4	Isopropyl Alcohol	60	C3H8O	000067-63-0	5
5	2-Isopropoxyethylamine	103	C5H13NO	081731-43-3	4





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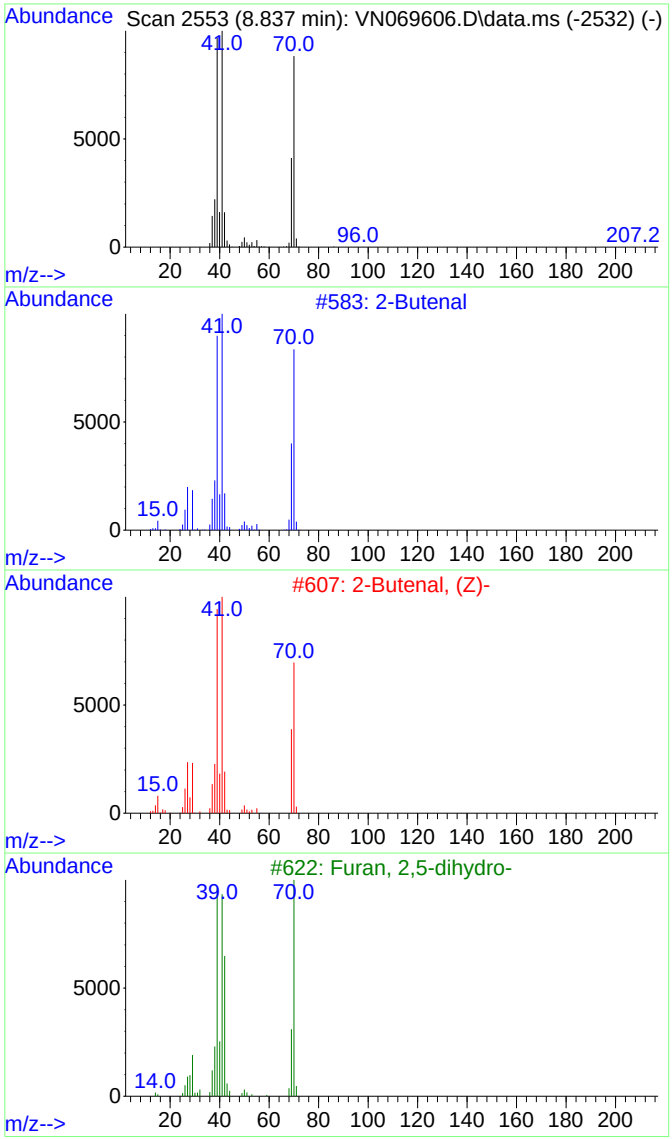
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

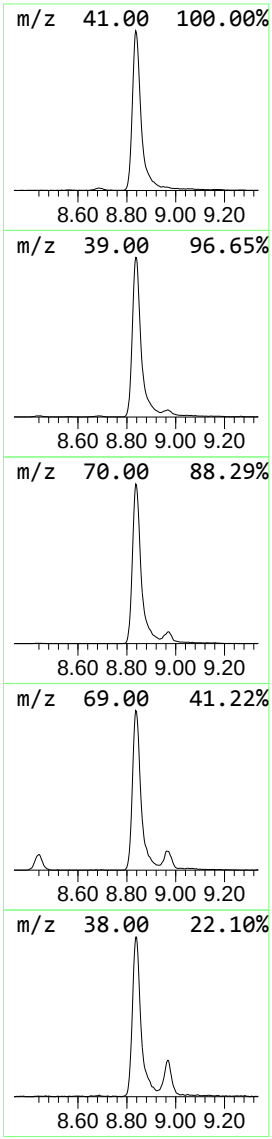
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Butenal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.837	41.28 ug/l	3549570	1,4-Difluorobenzene	8.968

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butenal	70	C4H6O	004170-30-3	94
2	2-Butenal, (Z)-	70	C4H6O	015798-64-8	91
3	Furan, 2,5-dihydro-	70	C4H6O	001708-29-8	90
4	Furan, 2,3-dihydro-	70	C4H6O	001191-99-7	90
5	2-Butenal, (E)-	70	C4H6O	000123-73-9	87





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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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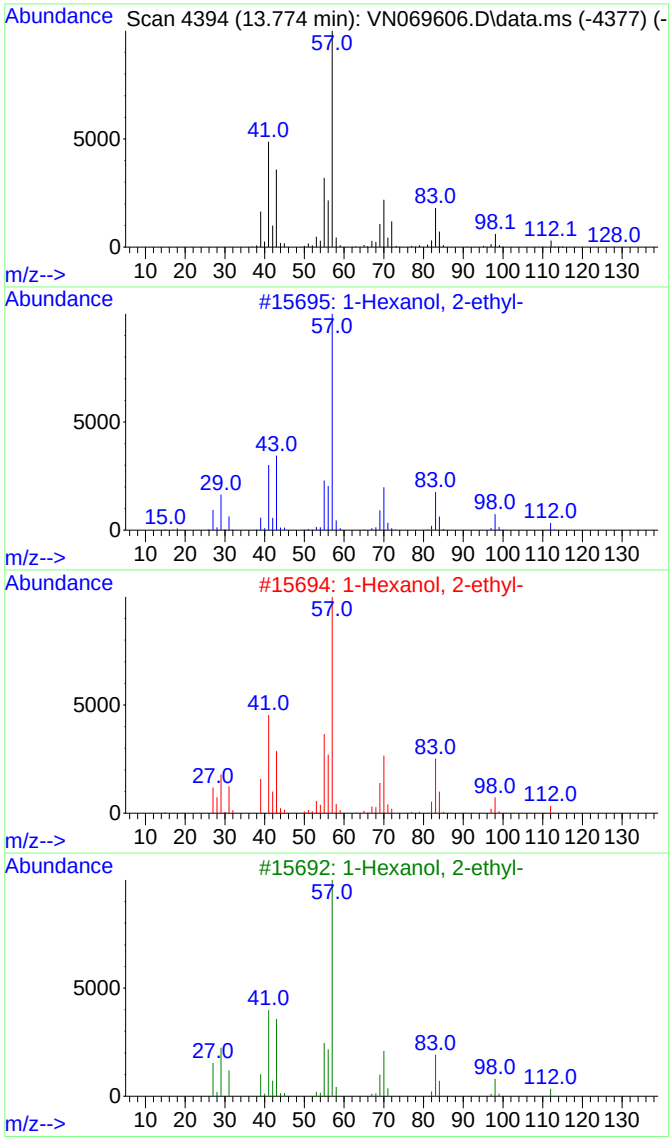
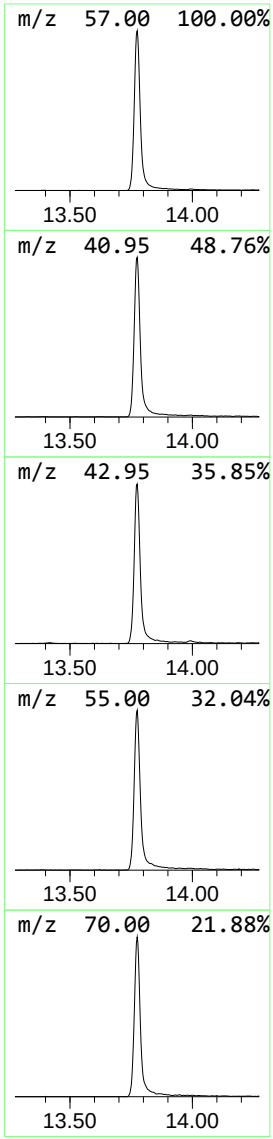
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Hexanol, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.774	51.76 ug/l	4845080	Chlorobenzene-d5	11.746

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	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	64
5	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	59





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown4.604	4.604	2882.4	ug/l	128230000	1	7.659	1334630	30.0
2-Butenal	8.837	41.3	ug/l	3549570	2	8.968	2579860	30.0
1-Hexanol, 2-et...	13.774	51.8	ug/l	4845080	3	11.746	2807970	30.0