LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091324\
Data File : VN083877.D
Acq On : 13 Sep 2024 18:07
Operator : JC\MD
Sample : IBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
IBLK

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: VN083877.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.371	66	71	73	rBV4	6288	12290	2.55%	0.504%
2	2.818	141	147	154	rVB6	8299	16107	3.34%	0.661%
3	7.441	923	933	940	rBV	5289	15102	3.13%	0.620%
4	7.818	987	997	1006	rBV2	76531	188700	39.11%	7.741%
5	8.583	1117	1127	1137	rVB	84525	190123	39.41%	7.800%
6	9.100	1205	1215	1226	rBV	176395	357364	74.07%	14.661%
7	10.565	1454	1464	1477	rBV	261906	482454	100.00%	19.792%
8	11.865	1674	1685	1698	rVB	237448	418013	86.64%	17.149%
9	12.847	1845	1852	1860	rBV	177276	293618	60.86%	12.046%
10	13.794	2008	2013	2017	rBV3	3172	6127	1.27%	0.251%
11	13.870	2017	2026	2037	rVV	123116	221756	45.96%	9.097%
12	14.135	2059	2071	2085	rBV	122623	225098	46.66%	9.235%
13	14.894	2193	2200	2205	rVB4	4472	10820	2.24%	0.444%

Sum of corrected areas: 2437572

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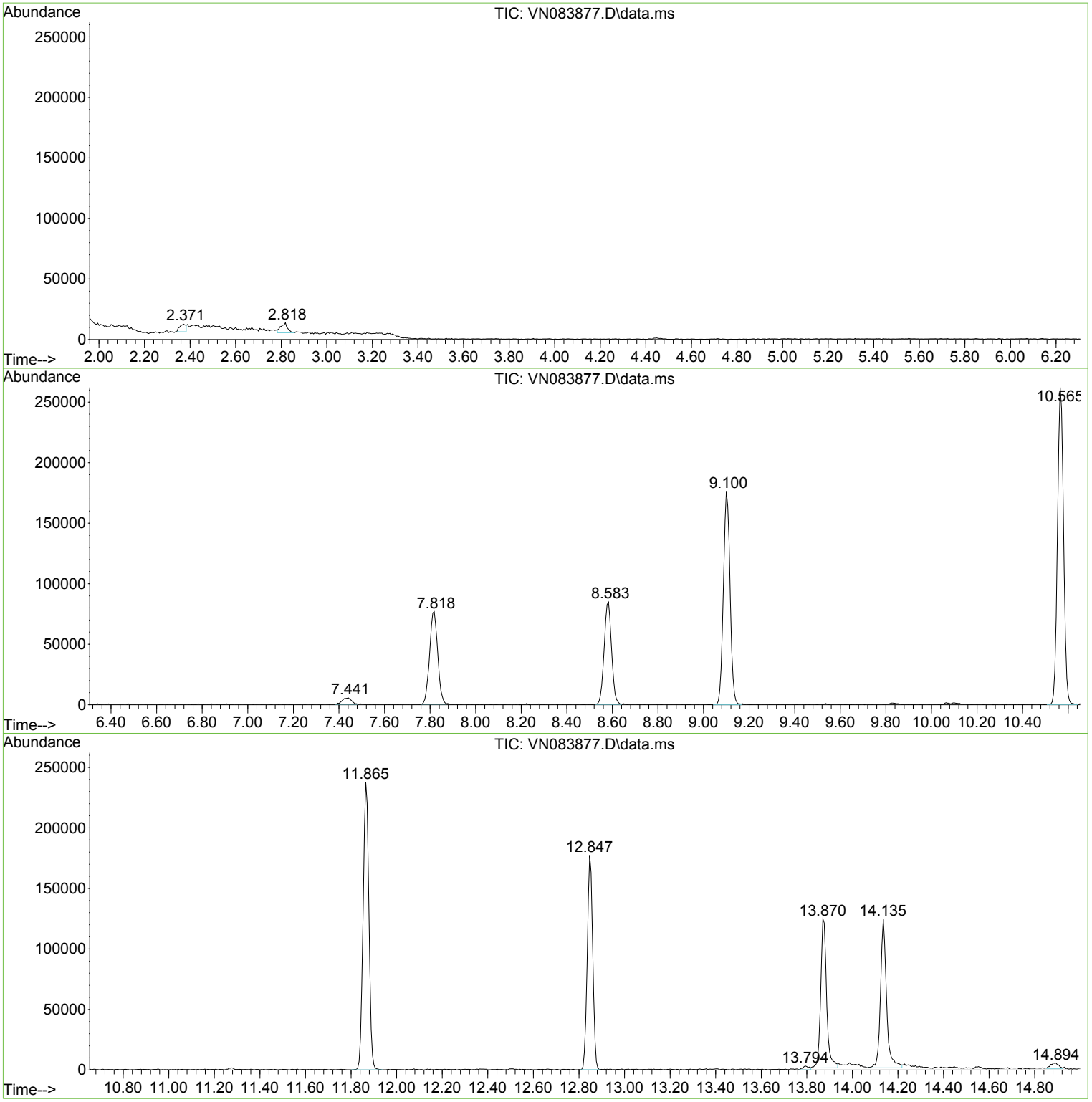
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

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



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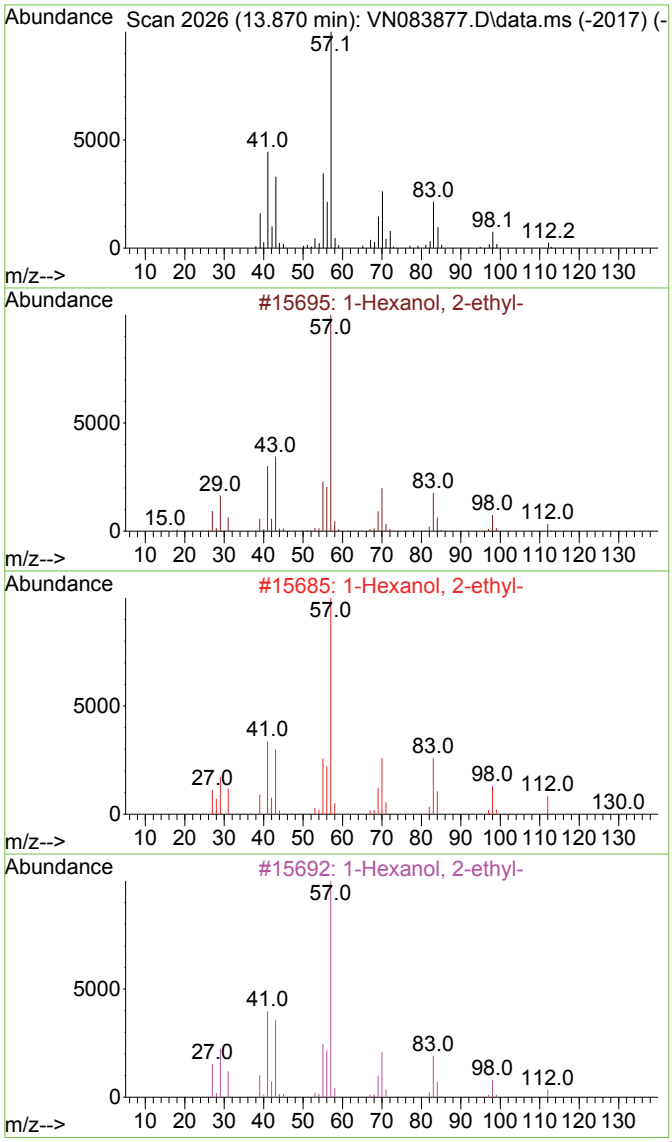
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

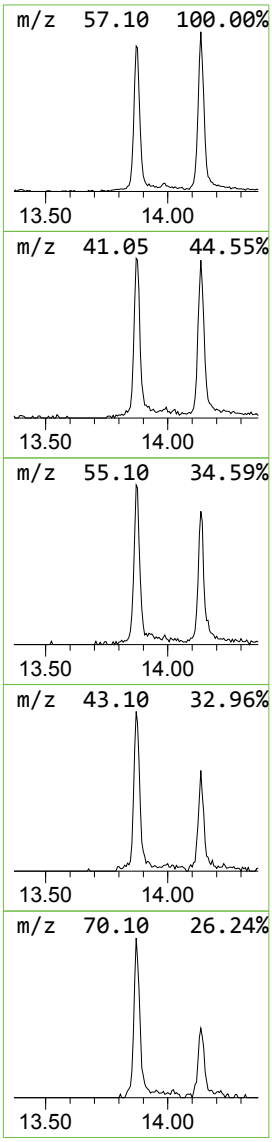
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.871	15.91 ug/l	221756	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
5	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	64





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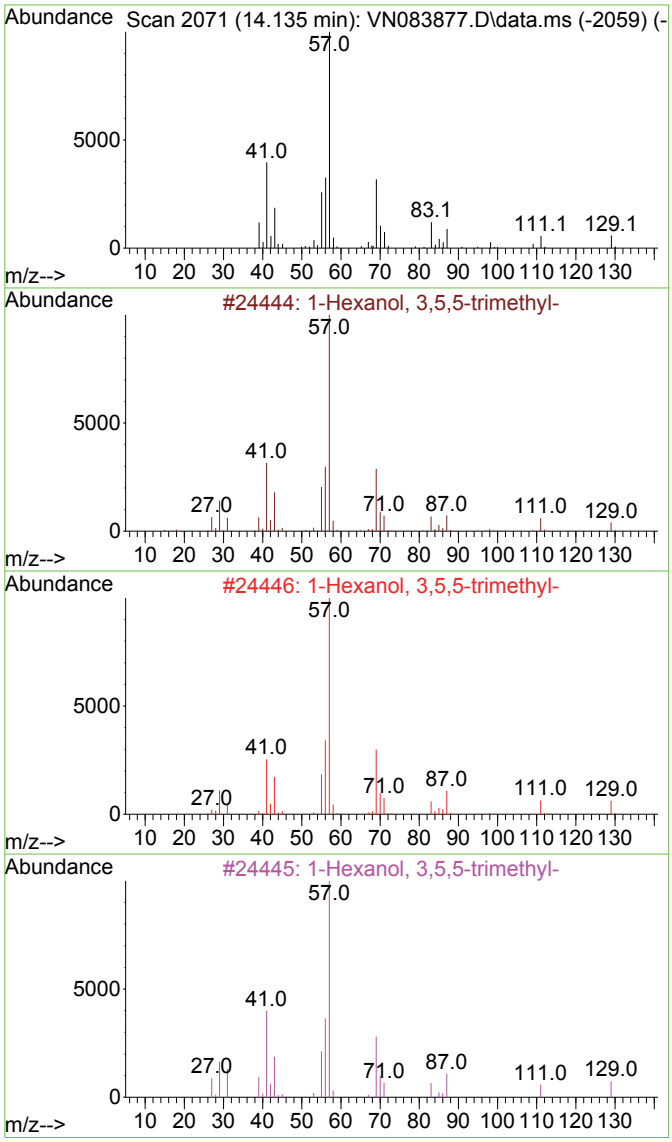
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

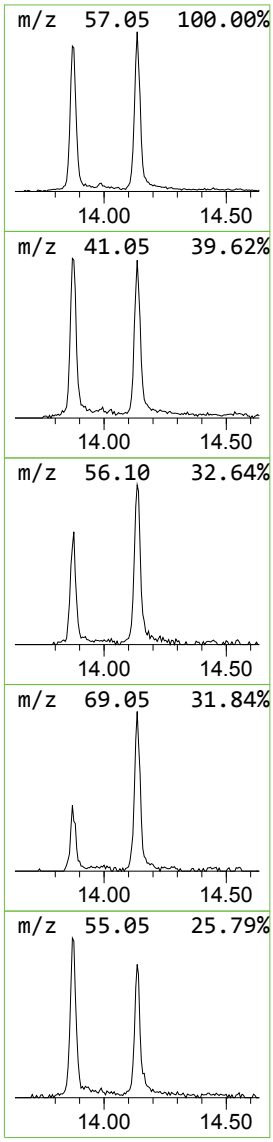
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1-Hexanol, 3,5,5-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.135	16.15 ug/l	225098	Chlorobenzene-d5	11.865

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	90
2	1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	80
3	1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	72
4	1-Hexanol, 3,5,5-trimethyl-	144	C9H20O	003452-97-9	72
5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	50





Tentatively Identified Compound (LSC) summary

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					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Hexanol, 2-et...	13.871	15.9	ug/l	221756	3	11.865	418013	30.0
1-Hexanol, 3,5,...	14.135	16.1	ug/l	225098	3	11.865	418013	30.0