LSC Area Percent Report

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX011520\
Data File : VX014620.D
Acq On : 15 Jan 2020 15:51
Operator : JC/SP
Sample : L1123-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : TWP-01

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_X\METHOD\624X011520W.M
Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.600	108	117	122	rVB5	50042	109821	8.22%	1.882%
2	2.594	277	280	284	rVB2	11610	17133	1.28%	0.294%
3	5.008	665	676	690	rBV	173978	523351	39.16%	8.967%
4	6.051	836	847	859	rBV	179204	471879	35.31%	8.085%
5	6.849	968	978	991	rBV	413349	970910	72.65%	16.636%
6	8.709	1276	1283	1293	rBV	868987	1336442	100.00%	22.899%
7	10.111	1506	1513	1521	rBV	786451	1098135	82.17%	18.816%
8	11.135	1674	1681	1687	rBV	633832	830902	62.17%	14.237%
9	12.202	1852	1856	1859	rBV2	12882	19700	1.47%	0.338%
10	12.263	1862	1866	1880	rVV	285604	434788	32.53%	7.450%
11	13.561	2072	2079	2083	rBV8	14427	23159	1.73%	0.397%

Sum of corrected areas: 5836220

LSC Report - Integrated Chromatogram

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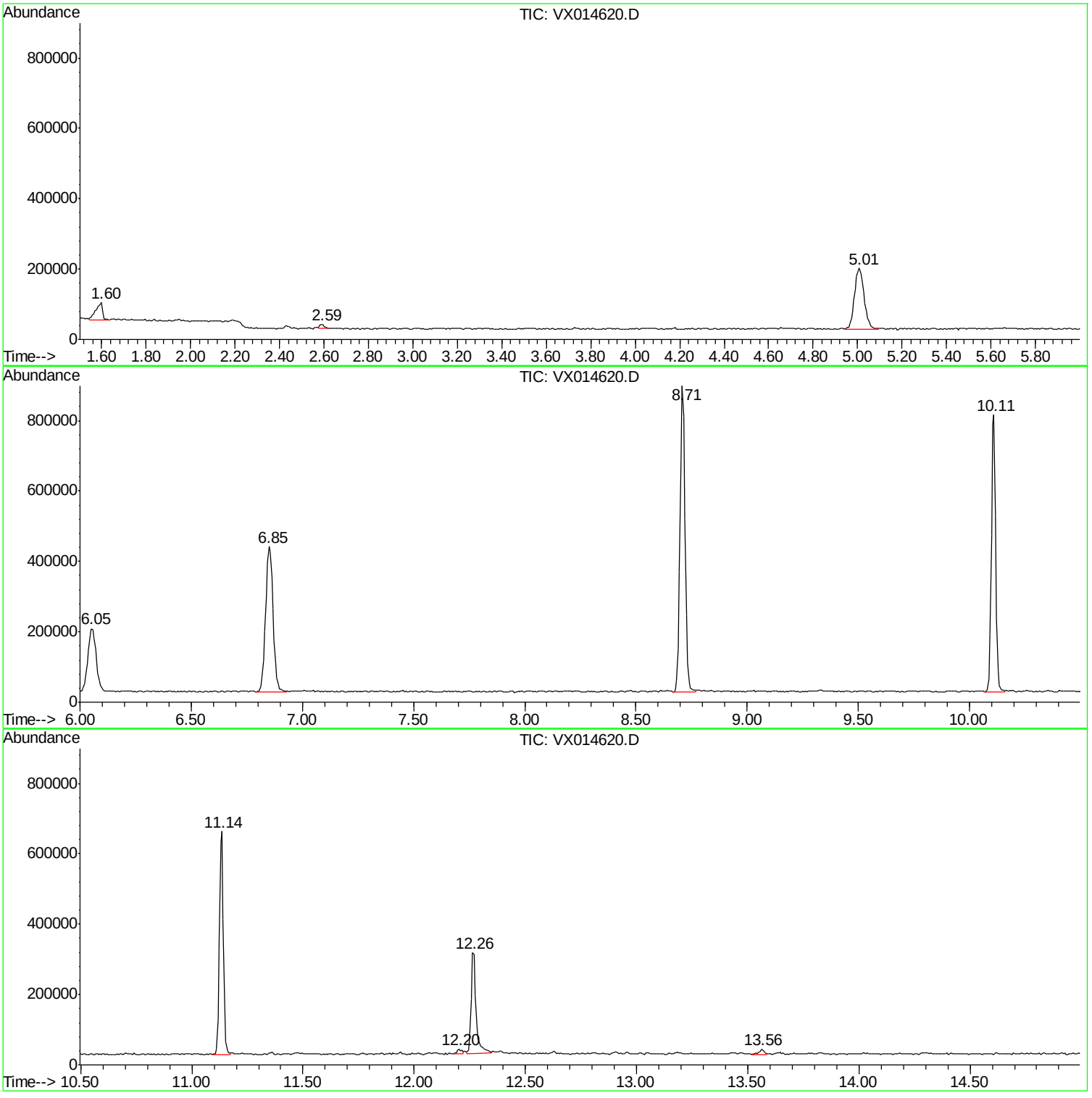
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X011520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X011520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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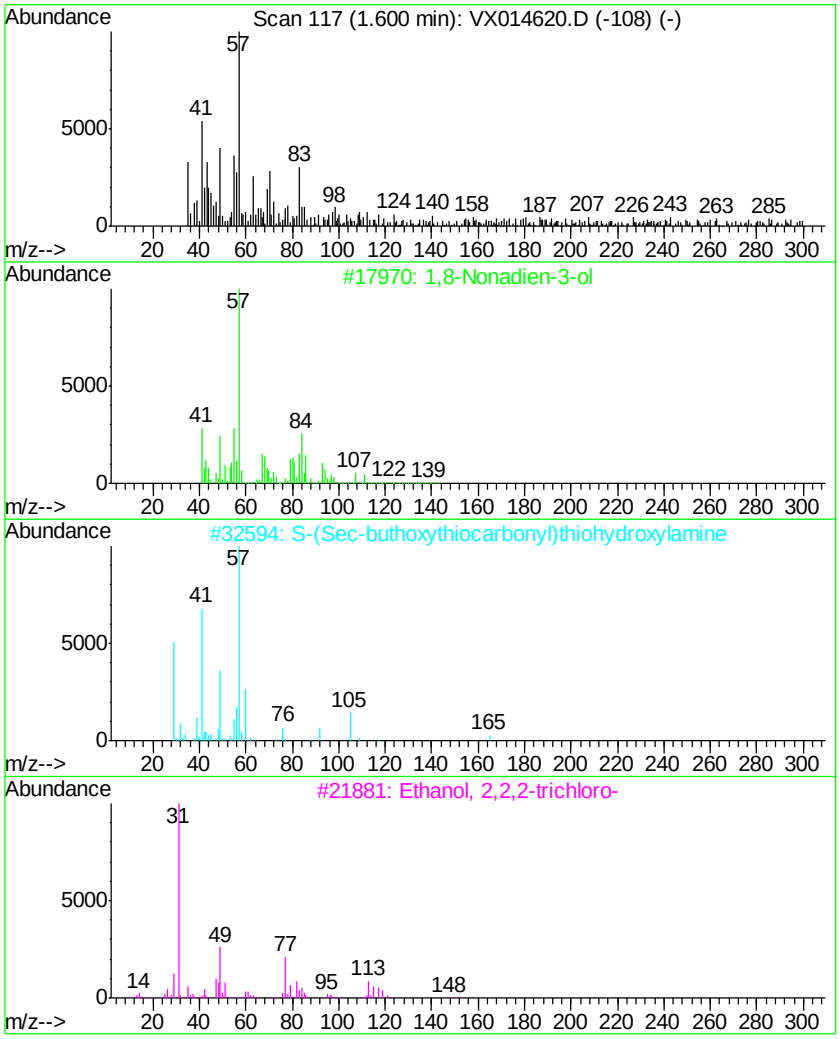
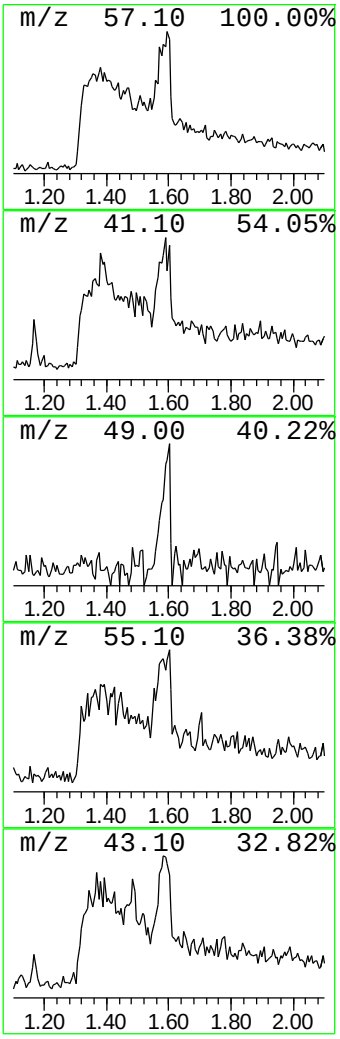
Peak Number 1 1,8-Nonadien-3-ol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.60	6.30 ug/l	109821	Bromochloromethane	5.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,8-Nonadien-3-ol	140	C9H16O	159010-02-3	50
2	S-(Sec-buthoxythiocarbonyl)thioh...	165	C5H11NOS2	035659-83-7	43
3	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	38
4	N-(2,2-Dichloro-1-hydroxy-ethyl)...	213	C7H13Cl2NO2	058956-78-8	25
5	Acetic acid, chloro-, ethyl ester	122	C4H7ClO2	000105-39-5	25





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ClientSampleId : TWP-01

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X011520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

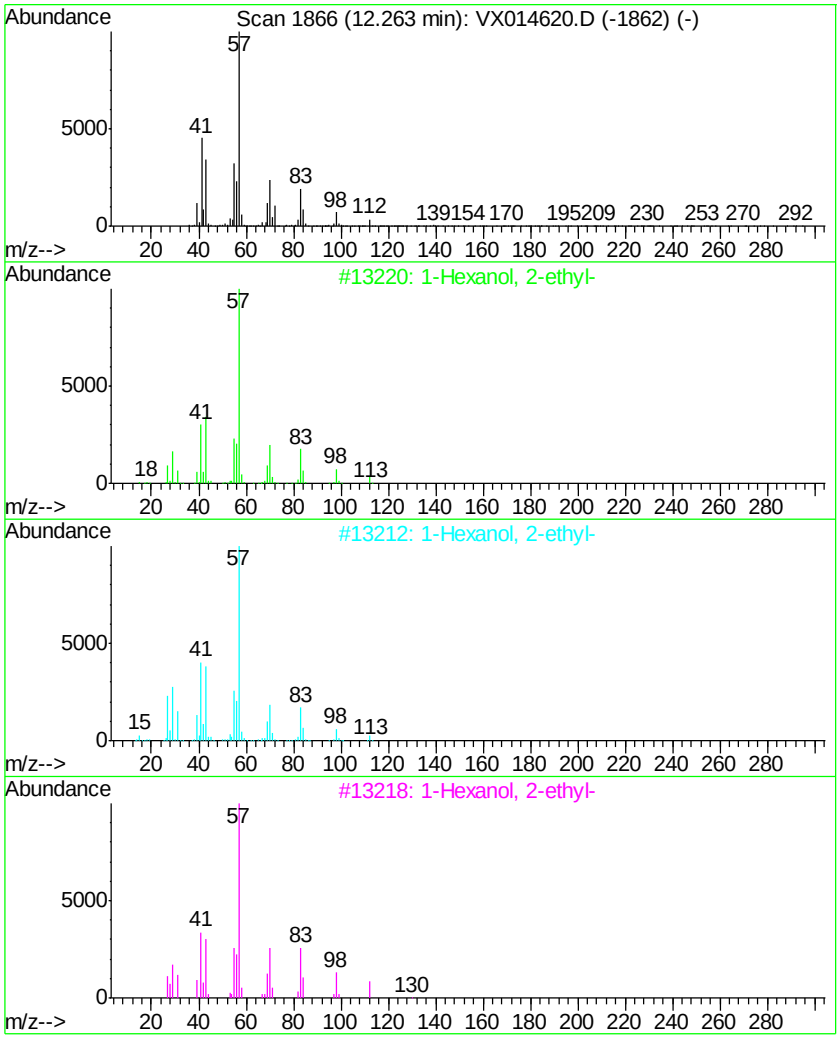
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

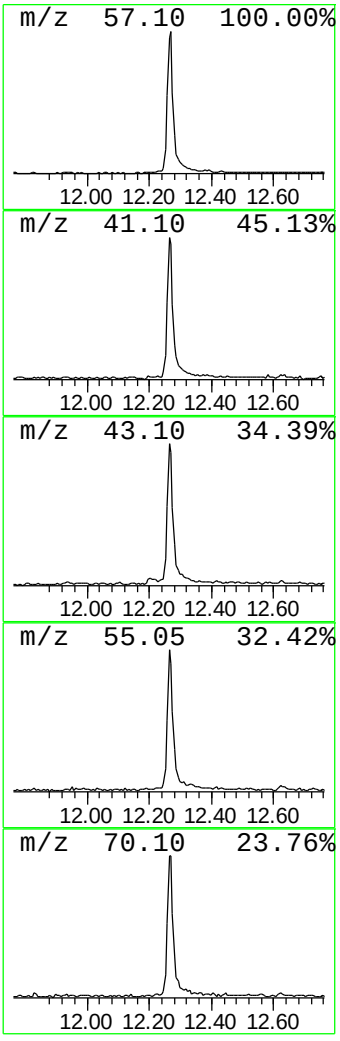
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	11.88 ug/l	434788	Chlorobenzene-d5	10.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	86
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	78
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	59
5	1-Decene, 3,4-dimethyl-	168	C12H24	050871-03-9	50





Tentatively Identified Compound (LSC) summary

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1,8-Nonadien-3-ol	1.60	6.3	ug/l	109821	1	5.00	523351	30.0
1-Hexanol, 2-ethyl-	12.26	11.9	ug/l	434788	3	10.11	1098140	30.0