



Houston Forensic Science Center

Comparative and Analytical Division - Toxicology

Headspace GC Maintenance Log

Instrument: Headspace 3

Date	N ₂ Tank Pressure	H ₂ Tank Pressure	Air Tank Pressure	He Tank Pressure	Air Control	SS	Comments	Signature
					Pass/Fail	Pass/Fail		
10/16/18	70 1700	70 1800	70 650	70 1550	Pass	Pass		VC
 	 	 	 	 	 	 	 	
 	 	 	 	 	 	 	 	
 	 	 	 	 	 	 	 	
 	 	 	 	 	 	 	 	
 	 	 	 	 	 	 	 	

Form Complete Date/Signature: Brooke Mendenhall 10/22/2018

BAM
10/22/2018

SEQUENCE PARAMETERS

Sequence : C:\CHEM32\1\SEQUENCE\2018-10\ALC_20181016_TEST.S
Operator : Valerie L Coronado
Data File Naming : Auto
Data Directory : C:\Chem32\1\Data\
Data Subdirectory : ALC_20181016_TEST
Barcode Reader : not used
Shutdown Cmd/Macro : macro "shutdowncm.mac",go
Sequence Comment : I.S. Lot: 180920-IS Pipette: Hamilton 7903
Part of Methods to run: According to Runtime Checklist
Update Master Method (Data Analysis parameters): No

SEQUENCE TABLE:
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Line : 1F
Location : 1
Sample Information :
Sample Name : Air Control
Method Name : VOLATILES
Sample Type : Sample

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Line : 2F
Location : 2
Sample Information :
Sample Name : Air Control
Method Name : VOLATILES
Sample Type : Sample

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Line : 3F
Location : 3
Sample Information : Lot: FN06121803
Sample Name : SS
Method Name : VOLATILES
Sample Type : Sample

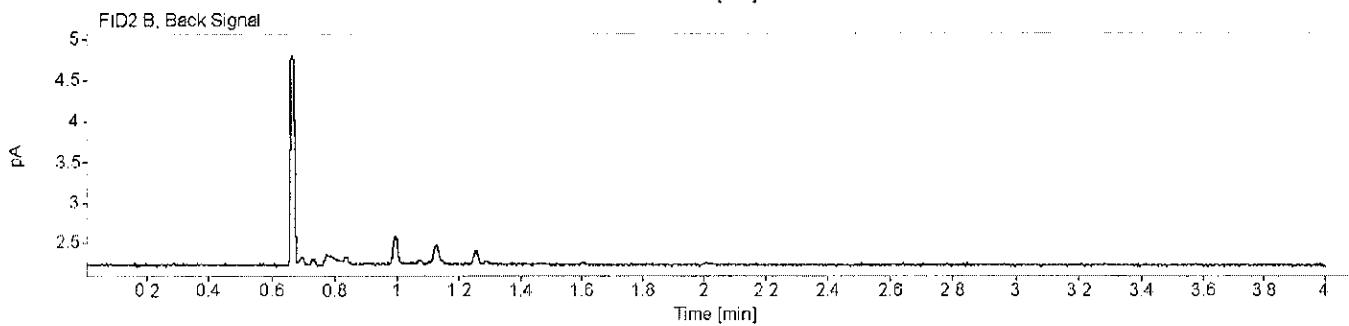
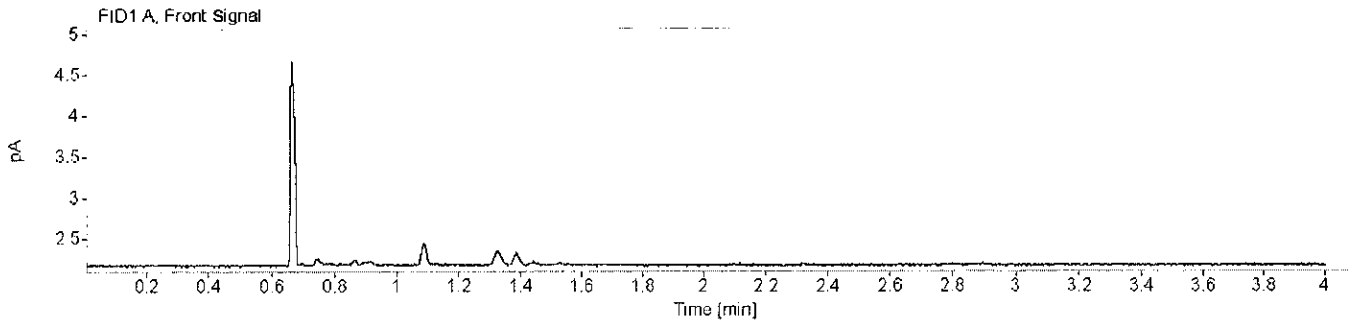
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VC

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Forensic Analysis Division
Toxicology - Volatile Analysis Chromatograms



Sample name: Air Control Description: Vial Number: 1
Instrument: Headspace 3 Acq. method: VOLATILES.M Injection date: 10/16/2018 3:27:45 PM
Data file: C:\Chem32\11\Data\ALC_20181016_TEST\ALC_20181016_TEST 2018-10-16 15-13-09\001F0101.D

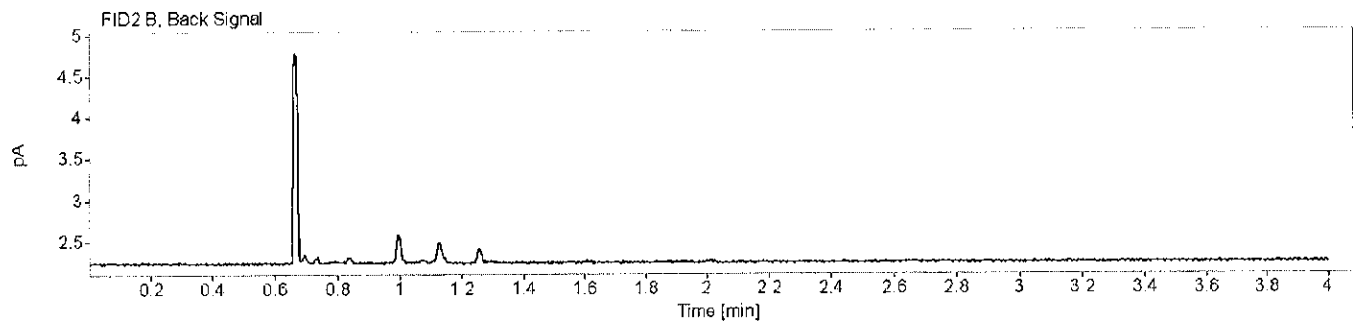
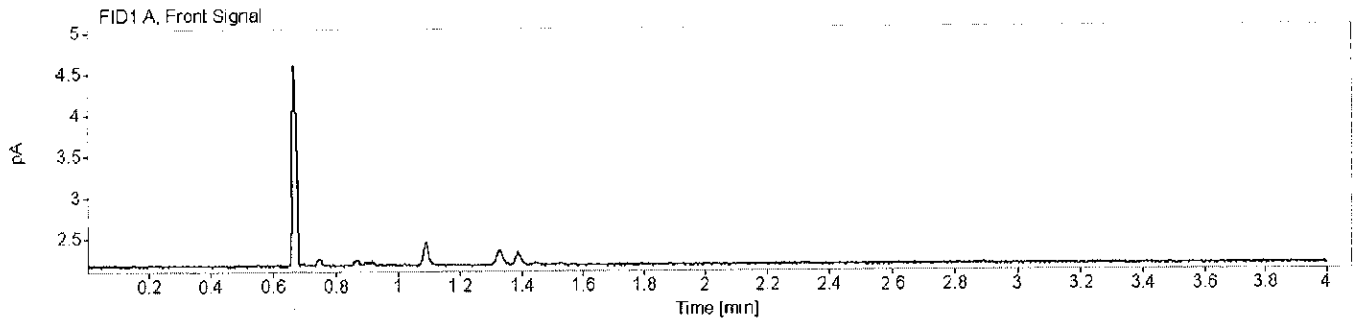


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Sample name: Air Control Description: Vial Number: 2
Instrument: Headspace 3 Acq. method: VOLATILES.M Injection date: 10/16/2018 3:32:15 PM
Data file: C:\Chem32\1\Data\ALC_20181016_TEST\ALC_20181016_TEST 2018-10-16 15-13-09\002F0201.D

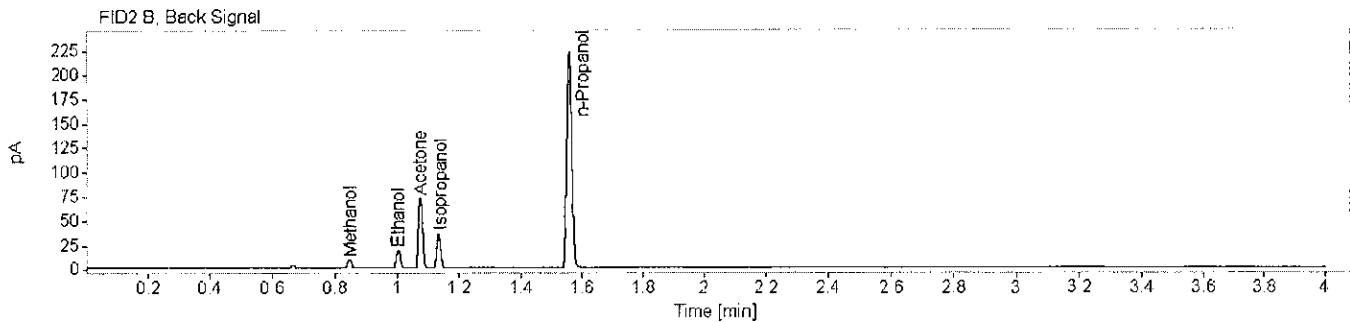
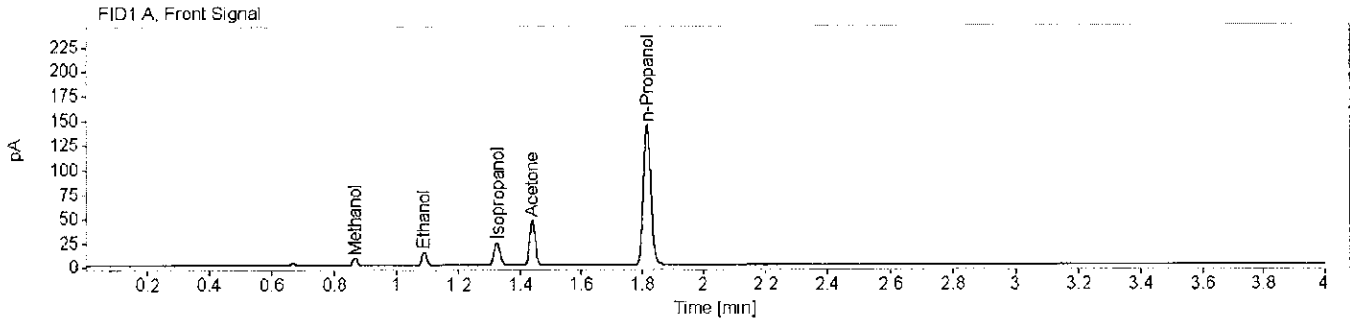


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Sample name: SS Description: Lot: FN06121803 Vial Number: 3
 Instrument: Headspace 3 Acq. method: VOLATILES.M Injection date: 10/16/2018 3:38:08 PM
 Data file: C:\Chem32\1\Data\ALC_20181016_TEST\ALC_20181016_TEST 2018-10-16 15-13-09\003F0301.D



Name FID1A

Compound	Peak Symmetry	Peak to Valley Ratio	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Methanol	1.03585		0.868	0.868	8.0210	0.0116
Ethanol	0.84818		1.089	1.088	16.2406	0.0118
Isopropanol	0.86632		1.325	1.324	31.5863	0.0103
Acetone	0.90898		1.440	1.439	62.7878	0.0109
n-Propanol	0.87090		1.815	1.816	248.2422	0.0100

Name FID2B

Compound	Peak Symmetry	Peak to Valley Ratio	RT [min]	Expected RT[min]	Area	Concentration [g/100 mL]
Methanol	1.20755		0.849	0.854	8.3432	0.0116
Ethanol	0.88084	340.969821235469	1.004	1.011	17.1663	0.0119
Acetone	0.91122	740.03691507895	1.075	1.081	65.0180	0.0110
Isopropanol	0.88728	355.943614475329	1.134	1.144	32.8332	0.0104
n-Propanol	0.93336		1.560	1.574	254.8157	0.0100

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