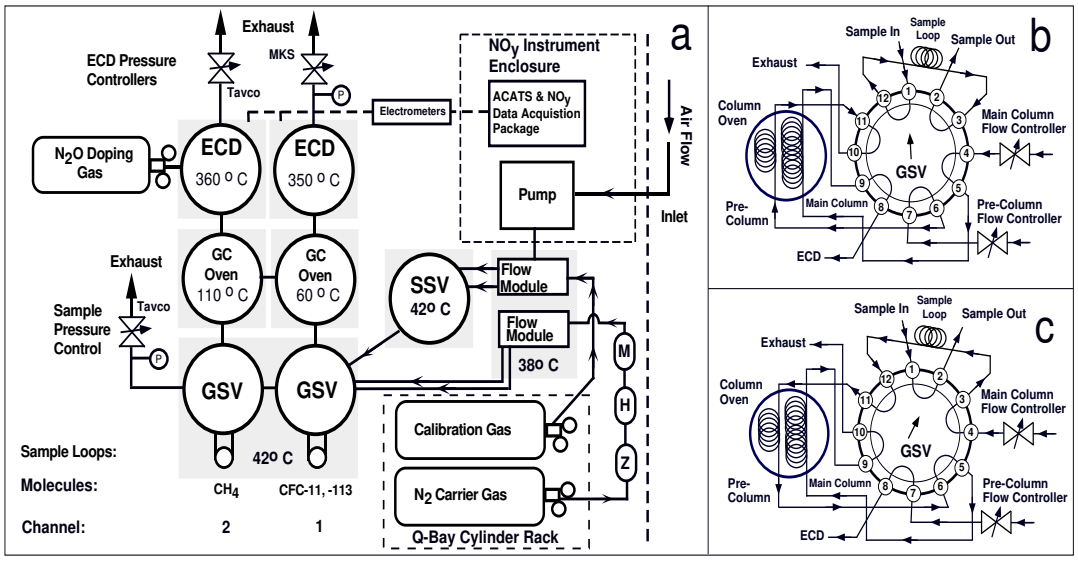
a
Exhaust
ECD Pressure Controllers
MKS
Tavco
P
Electrometers
NOy Instrument Enclosure
ACATS & NOy Data Acquistion Package
Air Flow
Inlet
Pump
N2O Doping Gas
ECD
360 o C
ECD
350 o C
GC Oven
110 o C
GC Oven
60 o C
SSV
42o C
Flow Module
Flow Module
38o C
Exhaust
Sample Pressure Control
Tavco
P
GSV
GSV
42o C
M
H
Z
Calibration Gas
N2 Carrier Gas
Q-Bay Cylinder Rack
Sample Loops:
Molecules:
CH4
CFC-11, -113
Channel:
2
1
b
Sample In
Sample Loop
Sample Out
Exhaust
Column Oven
Main Column Flow Controller
GSV
Pre-Column
Main Column
Pre-Column Flow Controller
ECD
c
Sample In
Sample Loop
Sample Out
Exhaust
Column Oven
Main Column Flow Controller
GSV
Pre-Column
Main Column
Pre-Column Flow Controller
ECD

Figure 1