

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL013023\
 Data File : VL040131.D
 Acq On : 30 Jan 2023 14:01
 Operator : SY/MD
 Sample : QC012423 CAN 10652
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC012423 CAN 10652

Quant Time: Jan 31 05:12:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jan 16 14:40:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

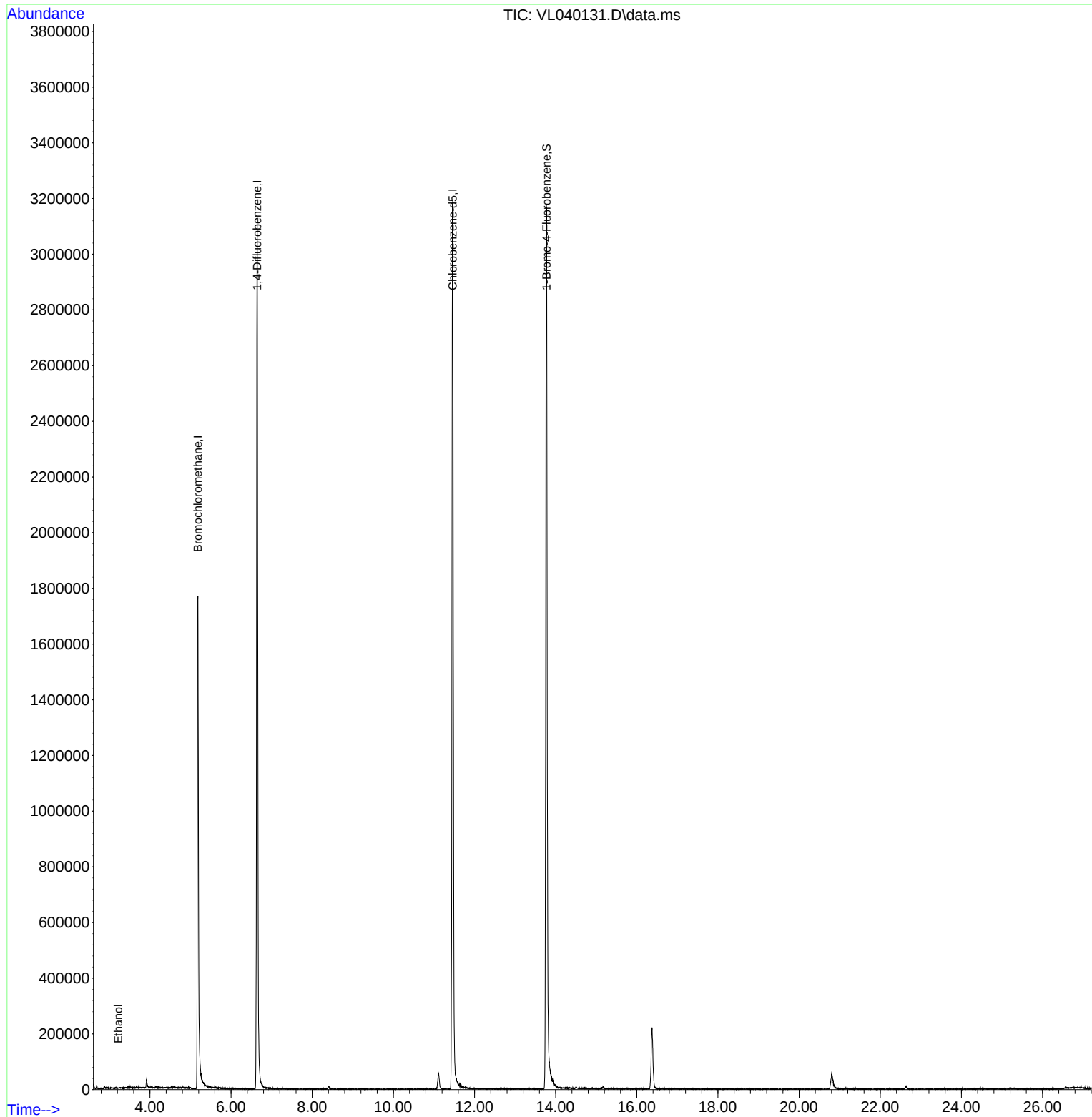
Internal Standards						
1) Bromochloromethane	5.182	49	912601	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2449056	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.461	117	2149585	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1707648	9.558	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.600%
Target Compounds						Qvalue
13) Ethanol	3.217	45	105	0.025	ppbv	# 38

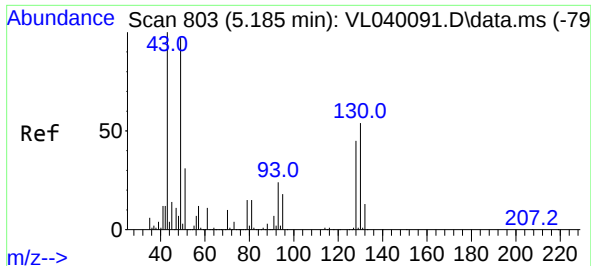
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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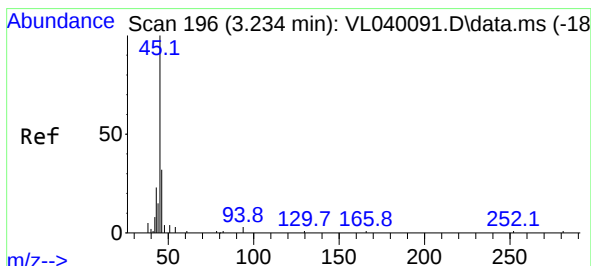
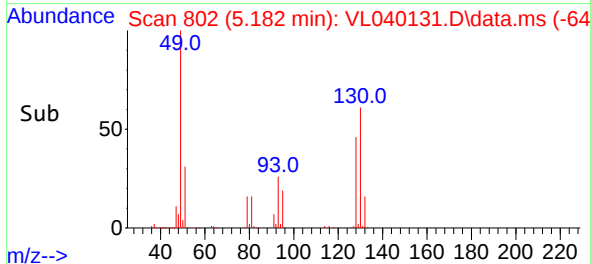
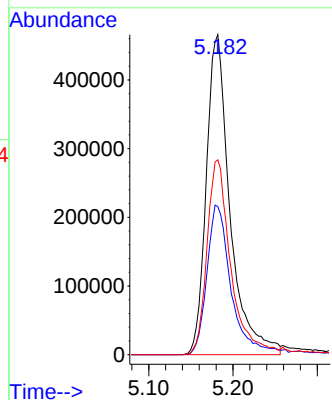
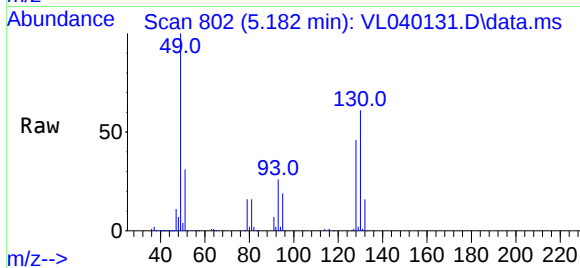




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL040131.D
Acq: 30 Jan 2023 14:01

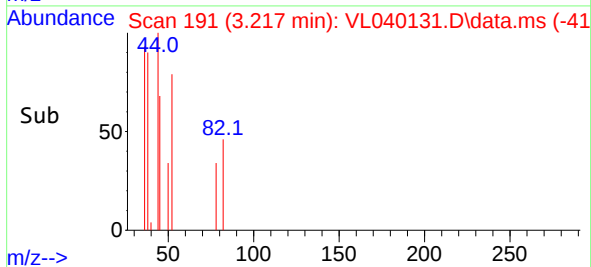
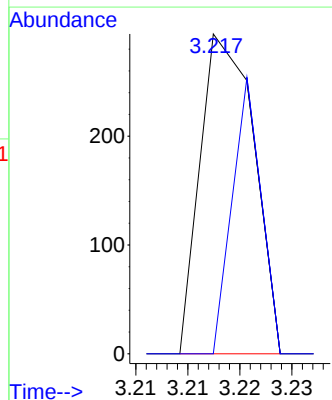
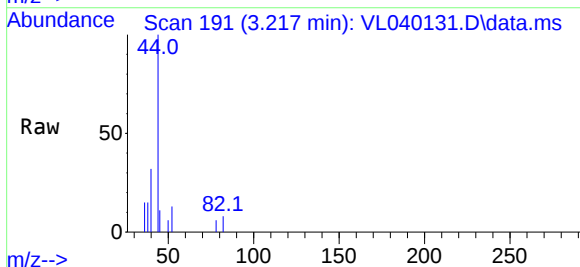
Instrument :
MSVOA_L
ClientSampleId :
QC012423 CAN 10652

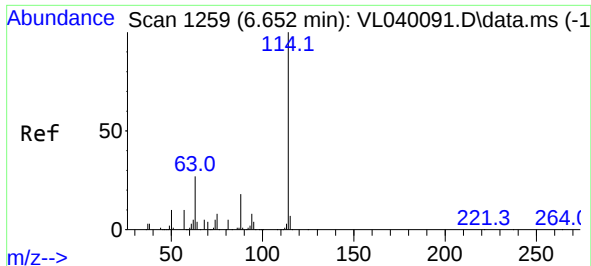
Tgt Ion: 49 Resp: 912601
Ion Ratio Lower Upper
49 100
128 50.2 23.6 71.0
130 64.2 29.8 89.3



#13
Ethanol
Concen: 0.025 ppbv
RT: 3.217 min Scan# 191
Delta R.T. -0.016 min
Lab File: VL040131.D
Acq: 30 Jan 2023 14:01

Tgt Ion: 45 Resp: 105
Ion Ratio Lower Upper
45 100
46 0.0 14.8 59.2#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040131.D

Acq: 30 Jan 2023 14:01

Instrument :

MSVOA_L

ClientSampleId :

QC012423 CAN 10652

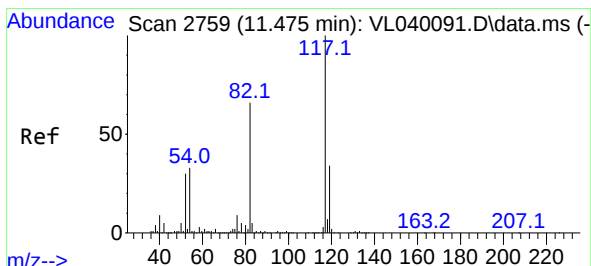
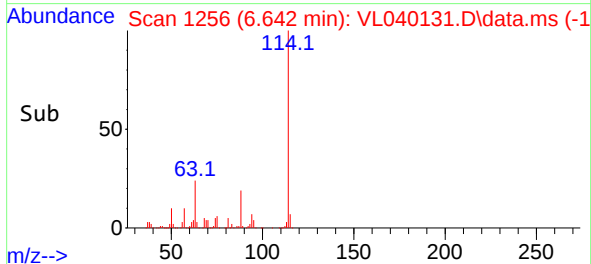
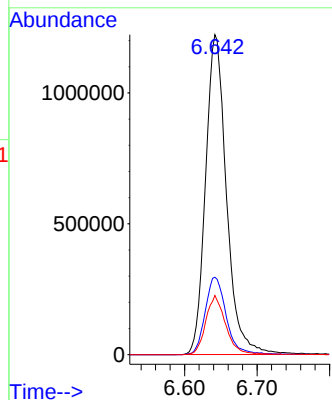
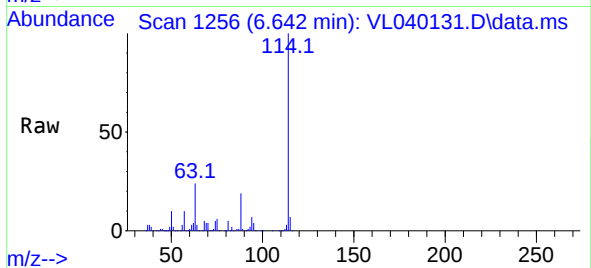
Tgt Ion:114 Resp: 2449056

Ion Ratio Lower Upper

114 100

63 24.7 21.8 32.8

88 17.8 14.8 22.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.461 min Scan# 2755

Delta R.T. -0.013 min

Lab File: VL040131.D

Acq: 30 Jan 2023 14:01

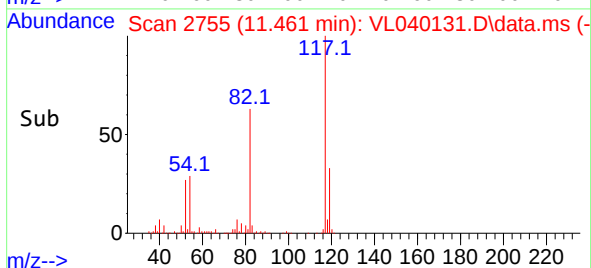
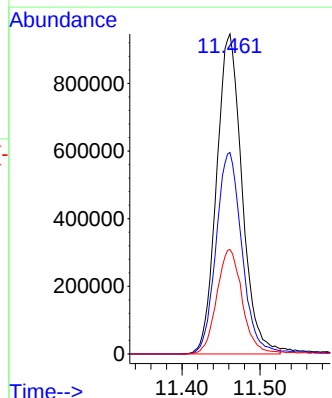
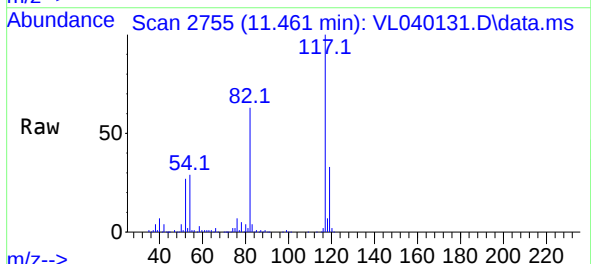
Tgt Ion:117 Resp: 2149585

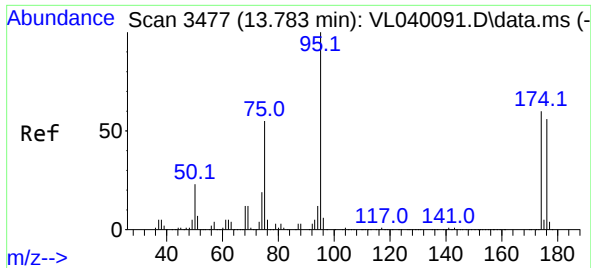
Ion Ratio Lower Upper

117 100

82 65.5 54.4 81.6

119 33.1 26.8 40.2





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.558 ppbv
 RT: 13.773 min Scan# 34
 Delta R.T. -0.010 min
 Lab File: VL040131.D
 Acq: 30 Jan 2023 14:01

Instrument :
 MSVOA_L
 ClientSampleId :
 QC012423 CAN 10652

Tgt Ion: 95 Resp: 1707648
 Ion Ratio Lower Upper
 95 100
 174 62.4 47.7 71.5
 175 4.3 3.4 5.2

