

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052220\
 Data File : VL035082.D
 Acq On : 22 May 2020 13:23
 Operator : SY/AP
 Sample : QC052220 CAN 10268
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC052220 CAN 10268

Quant Time: May 24 00:25:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 06 14:49:39 2020
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	978015	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2290561	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.10	117	2181055	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1840190	10.42	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

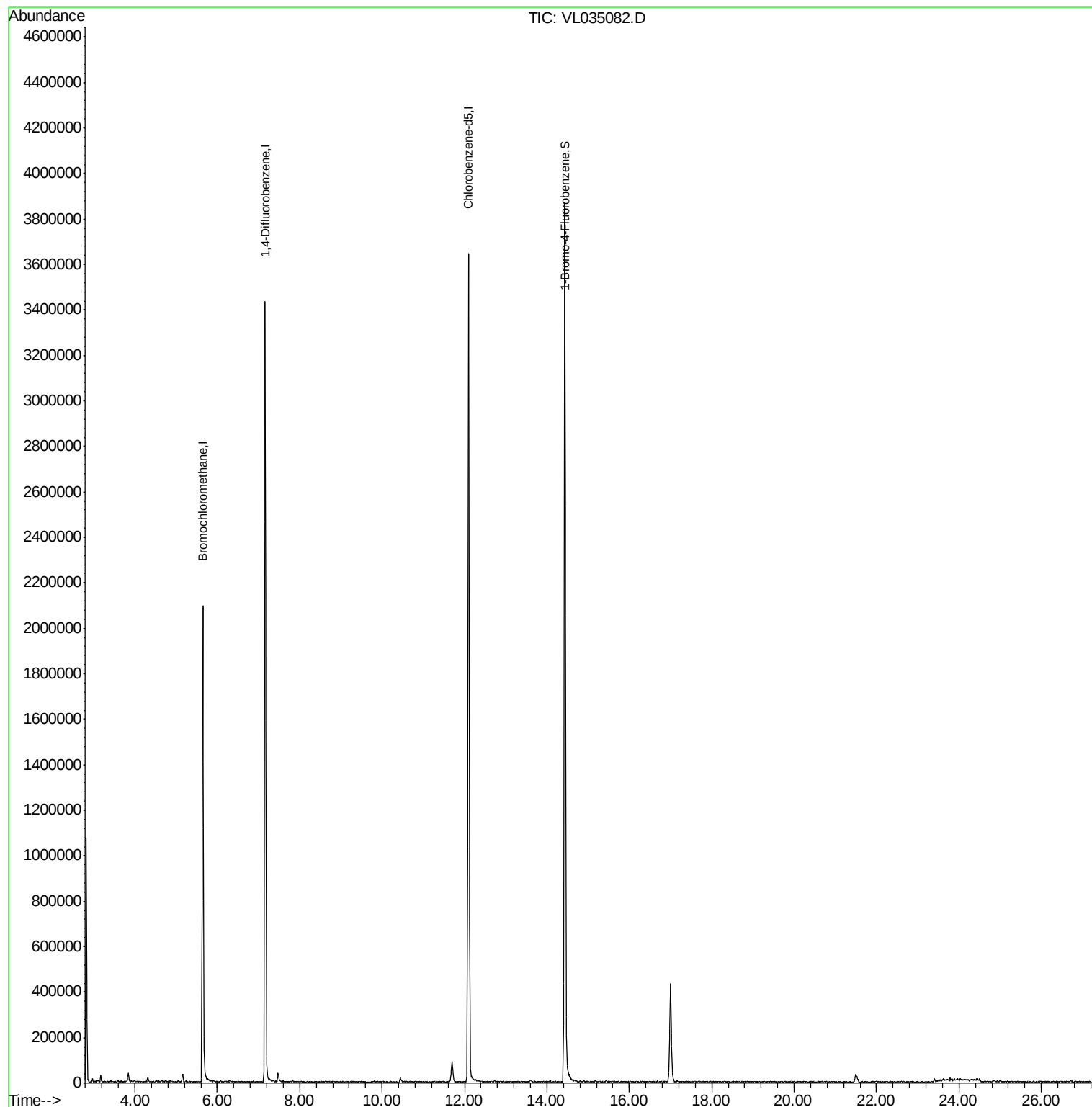
Target Compounds	Ovalue

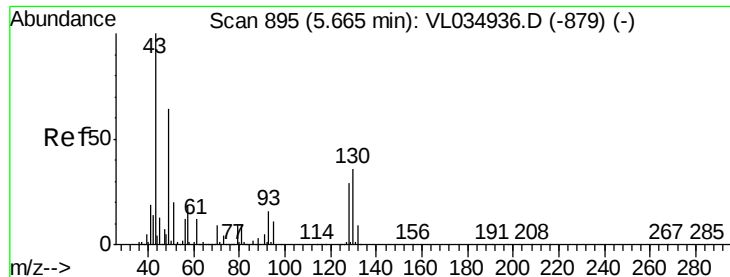
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL052220\
Data File : VL035082.D
Acq On : 22 May 2020 13:23
Operator : SY/AP
Sample : OC052220 CAN 10268
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC052220 CAN 10268

Quant Time: May 24 00:25:08 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed May 06 14:49:39 2020
QLast Update : Wed May 06 14:49:39 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.02 min

Lab File: VL035082.D

Acq: 22 May 2020 13:23

Instrument :

MSVOA_L

ClientSampleId :

QC052220 CAN 10268

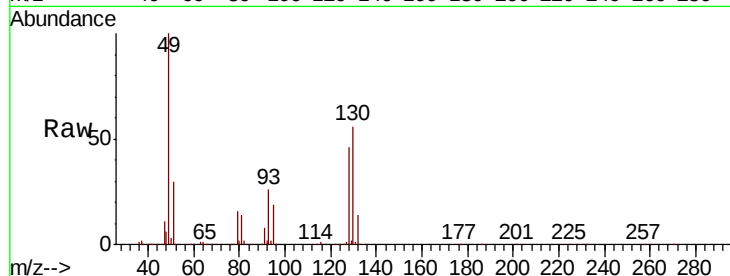
Tot Ion: 49 Resp: 978015

Ion Ratio Lower Upper

49 100

128 46.8 22.1 66.5

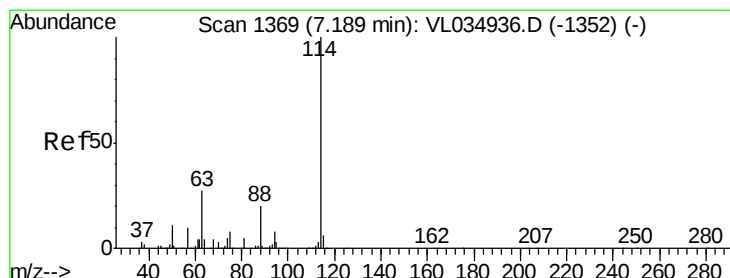
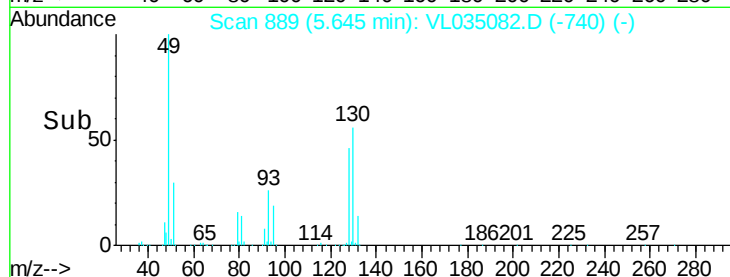
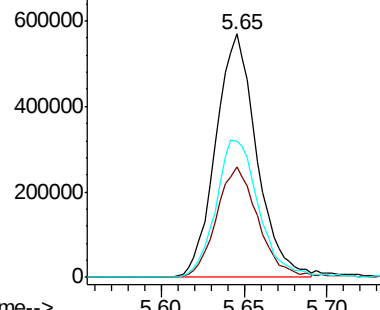
130 59.7 29.1 87.3



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1361

Delta R.T. -0.03 min

Lab File: VL035082.D

Acq: 22 May 2020 13:23

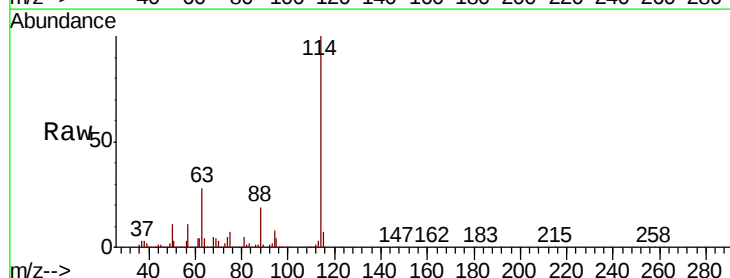
Tgt Ion: 114 Resp: 2290561

Ion Ratio Lower Upper

114 100

63 27.6 22.2 33.4

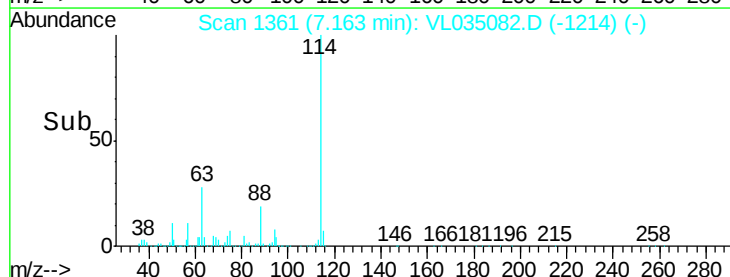
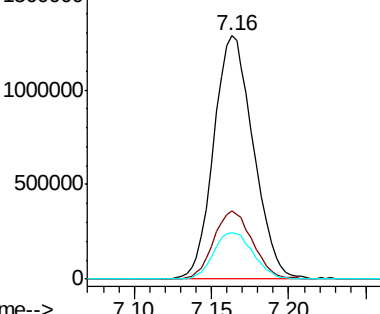
88 19.3 15.5 23.3

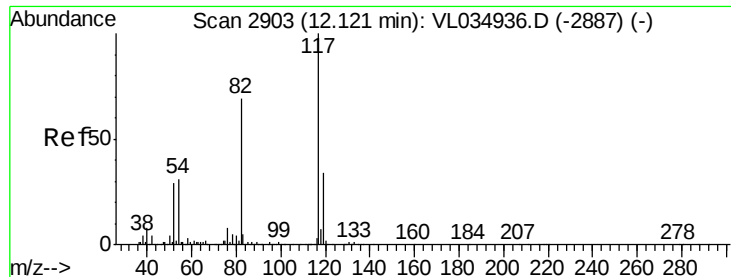


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

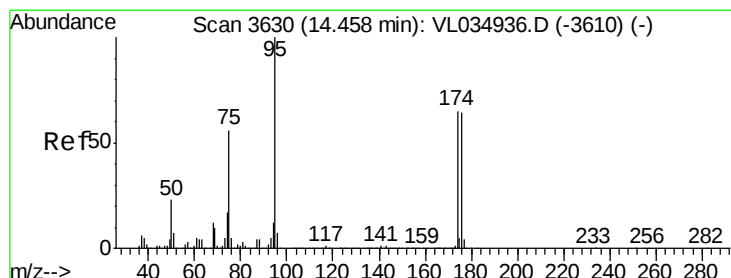
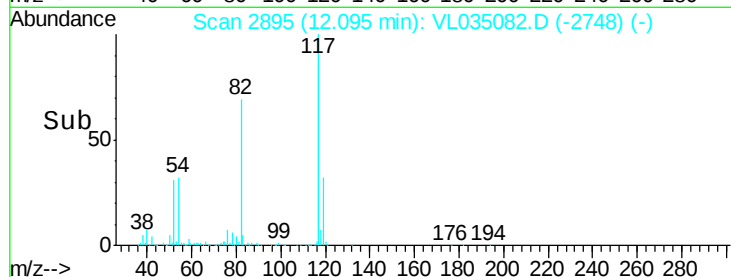
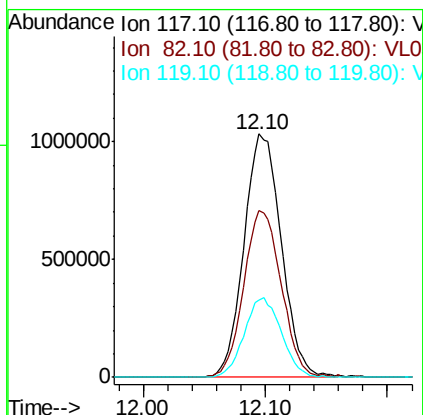
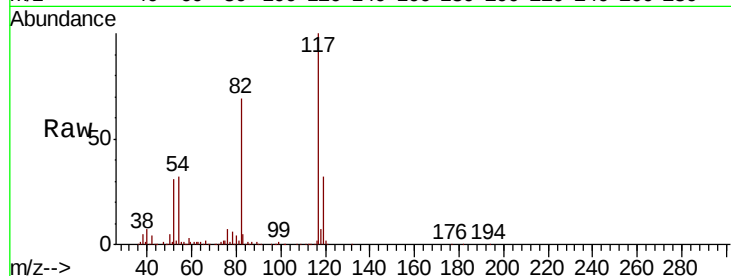




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2895
Delta R.T. -0.03 min
Lab File: VL035082.D
Acq: 22 May 2020 13:23

Instrument :
MSVOA_L
ClientSampleId :
QC052220 CAN 10268

Tot Ion:117 Resp: 2181055
Ion Ratio Lower Upper
117 100
82 69.1 53.1 79.7
119 32.6 26.7 40.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.423 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. -0.02 min
Lab File: VL035082.D
Acq: 22 May 2020 13:23

Tgt Ion: 95 Resp: 1840190
Ion Ratio Lower Upper
95 100
174 64.3 51.5 77.3
175 4.4 3.8 5.8

