

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021920\
Data File : VL034664.D
Acq On : 20 Feb 2020 9:10
Operator : SY/AP
Sample : QC021920 CAN 10296
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC021920 CAN 10296

Quant Time: Feb 20 14:52:34 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu Jan 30 17:16:44 2020
QLast Update : Thu Jan 30 17:16:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	895048	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	1862050	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	1857712	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1524016	9.71	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.10%

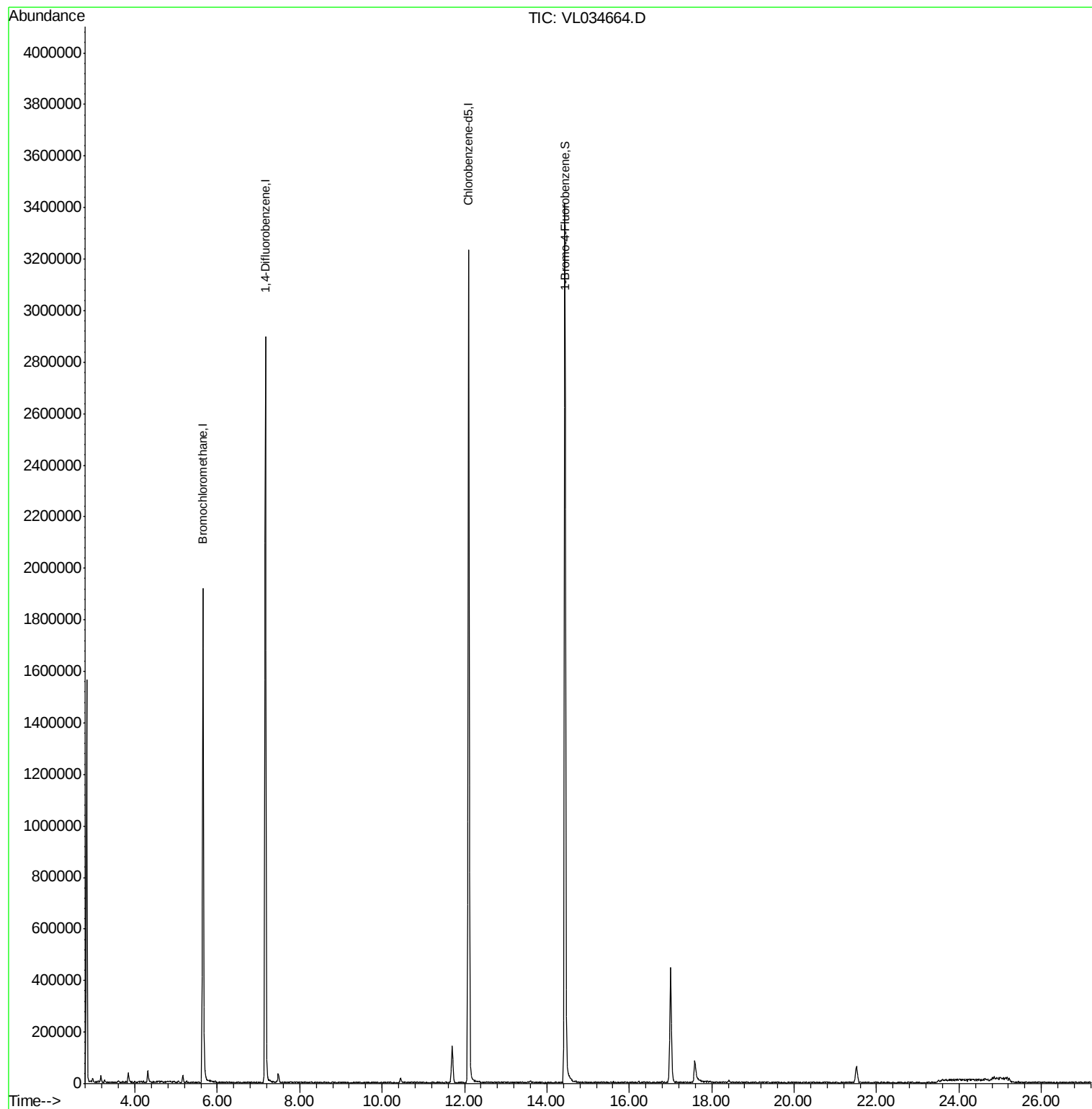
Target Compounds	Ovalue
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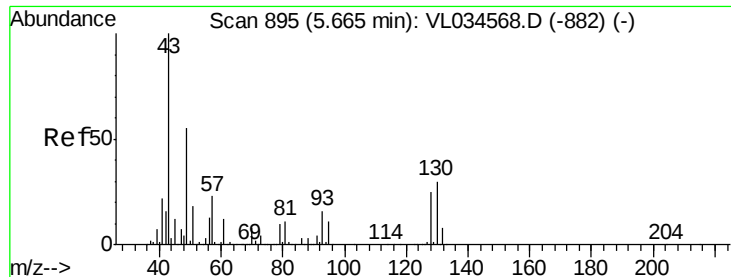
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.01 min

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MSVOA_L

ClientSampleId :

QC021920 CAN 10296

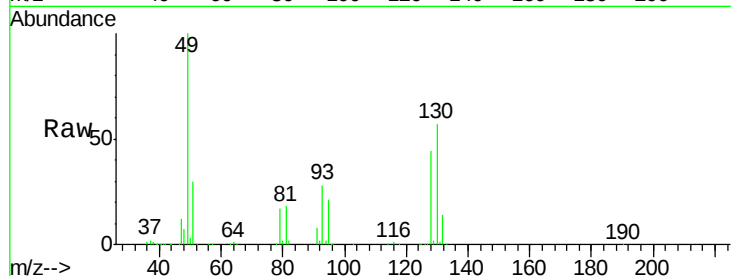
Tot Ion: 49 Resp: 895048

Ion Ratio Lower Upper

49 100

128 47.8 22.7 68.1

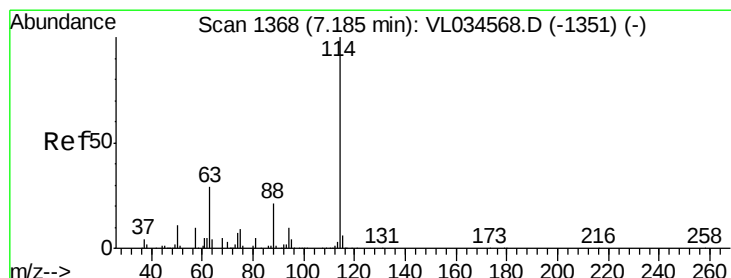
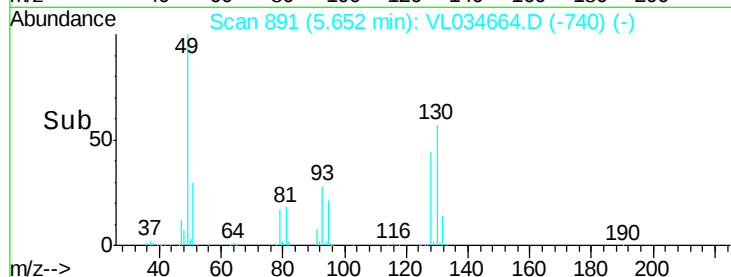
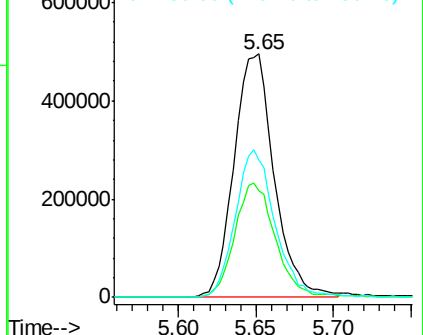
130 60.1 28.6 85.8



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: 7.17 min Scan# 1362

Delta R.T. -0.02 min

Lab File: VL034664.D

Acq: 20 Feb 2020 9:10

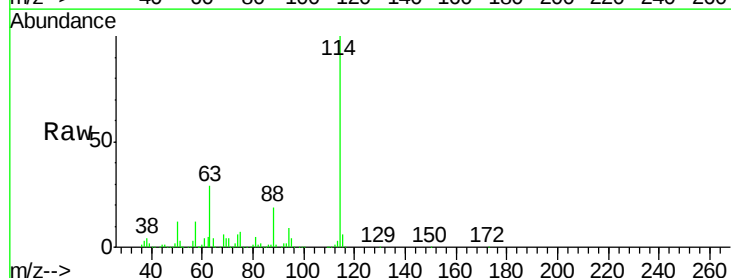
Tgt Ion: 114 Resp: 1862050

Ion Ratio Lower Upper

114 100

63 28.6 24.1 36.1

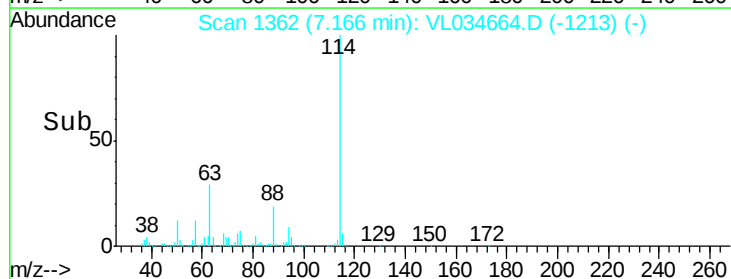
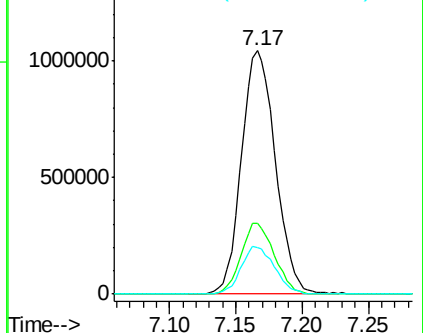
88 19.5 15.9 23.9

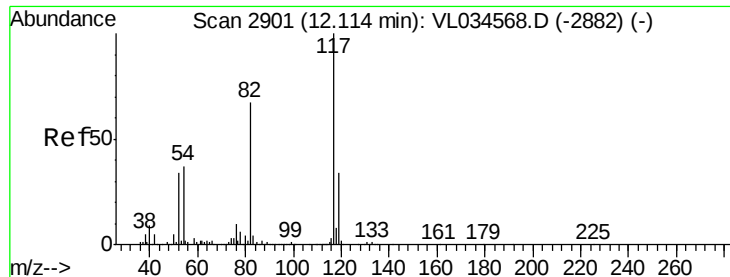


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

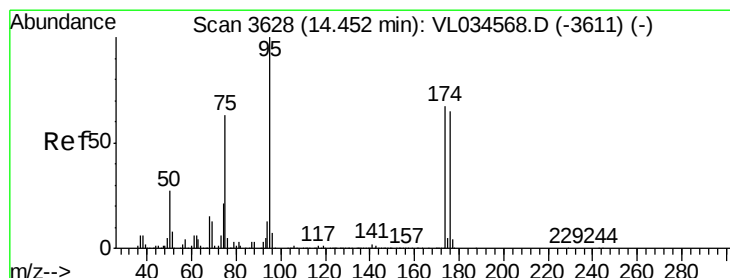
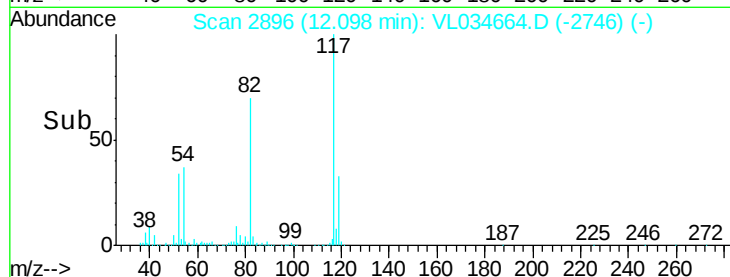
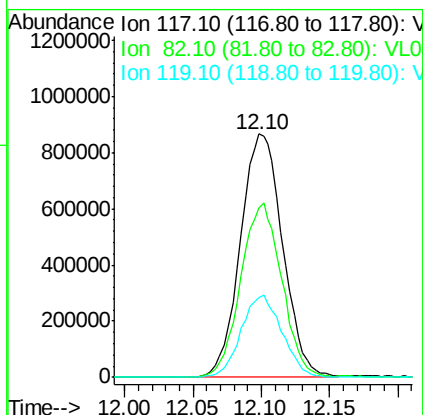
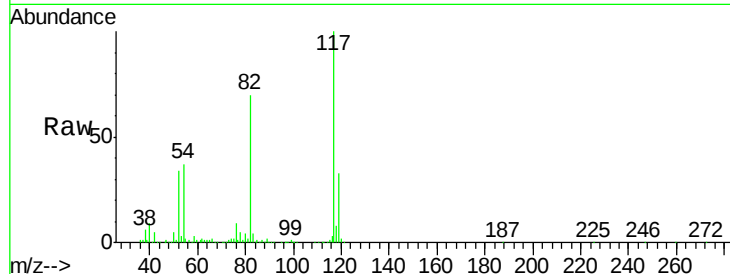




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2896
Delta R.T. -0.02 min
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Tot Ion:117 Resp: 1857712
Ion Ratio Lower Upper
117 100
82 70.1 54.2 81.4
119 32.9 26.1 39.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.707 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. -0.02 min
Lab File: VL034664.D
Acq: 20 Feb 2020 9:10

Tgt Ion: 95 Resp: 1524016
Ion Ratio Lower Upper
95 100
174 67.1 52.3 78.5
175 4.8 3.8 5.6

