

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021920\
Data File : VL034663.D
Acq On : 20 Feb 2020 2:56
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Feb 20 08:32:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-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	985034	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2069922	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2044574	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1692125	9.79	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.90%

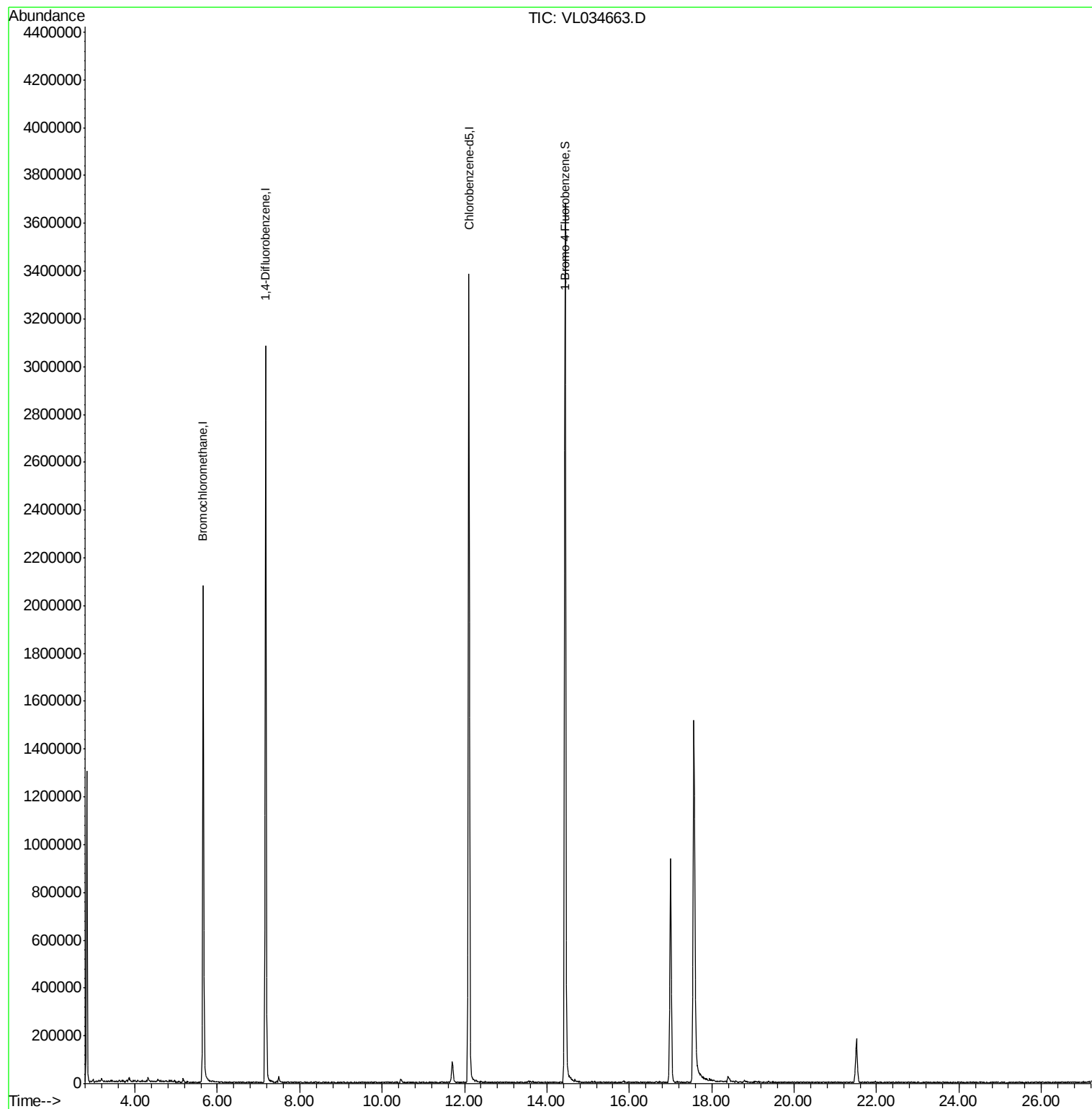
Target Compounds	Ovalue
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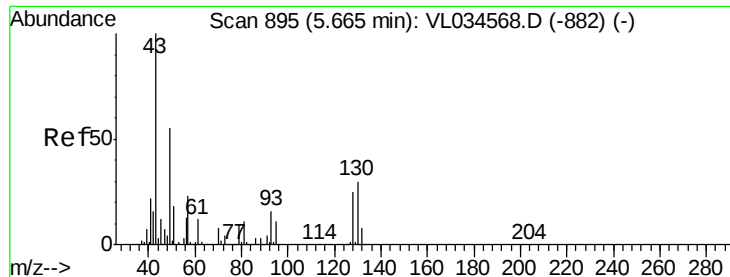
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

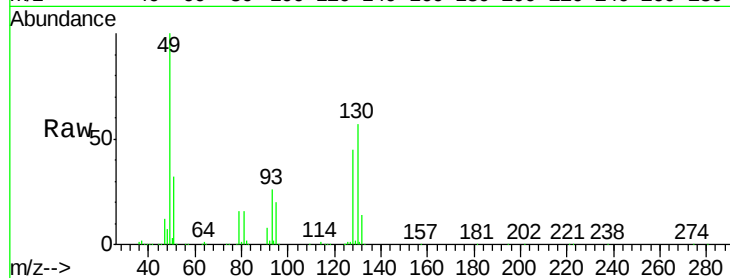
Tot Ion: 49 Resp: 985034

Ion Ratio Lower Upper

49 100

128 46.5 22.7 68.1

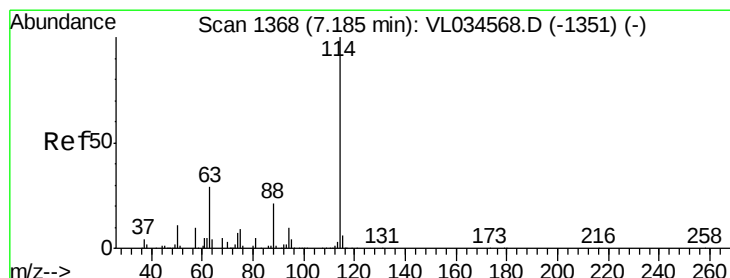
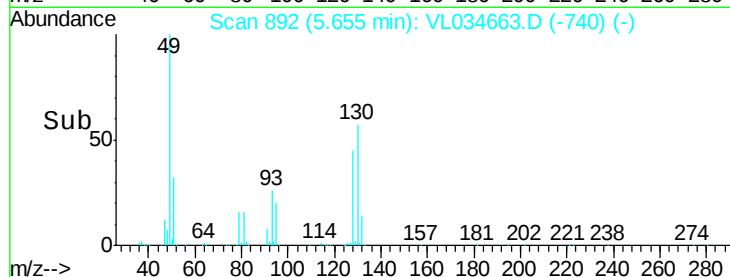
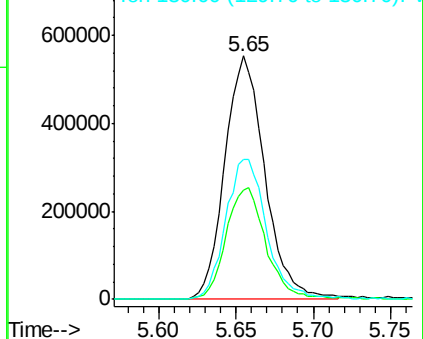
130 59.4 28.6 85.8



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: 7.18 min Scan# 1365

Delta R.T. -0.01 min

Lab File: VL034663.D

Acq: 20 Feb 2020 2:56

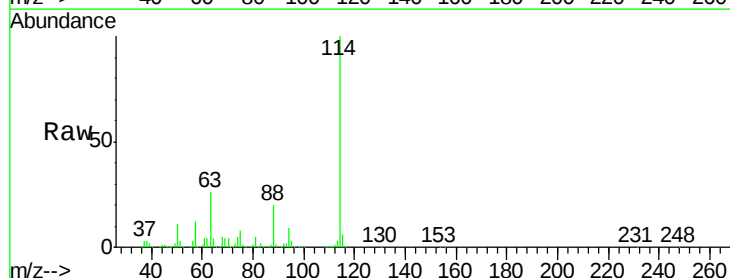
Tgt Ion: 114 Resp: 2069922

Ion Ratio Lower Upper

114 100

63 27.6 24.1 36.1

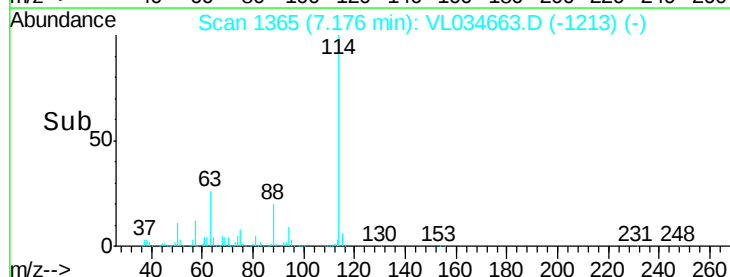
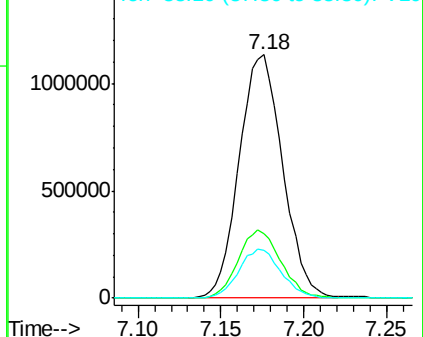
88 19.5 15.9 23.9

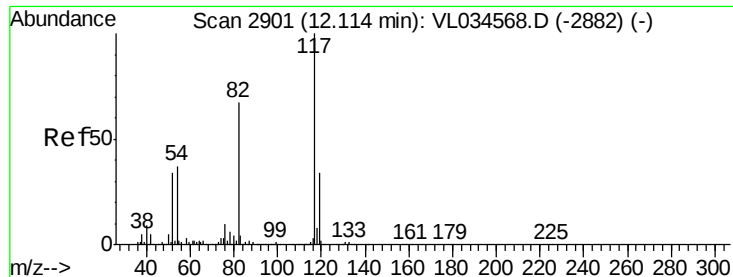


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

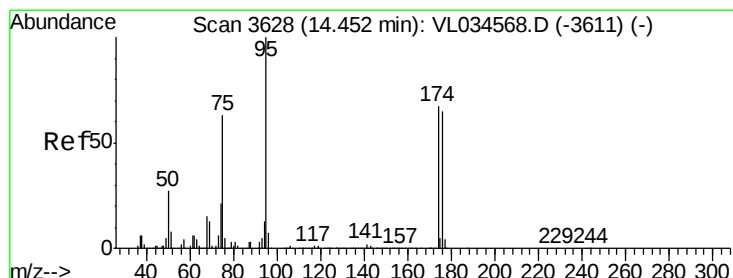
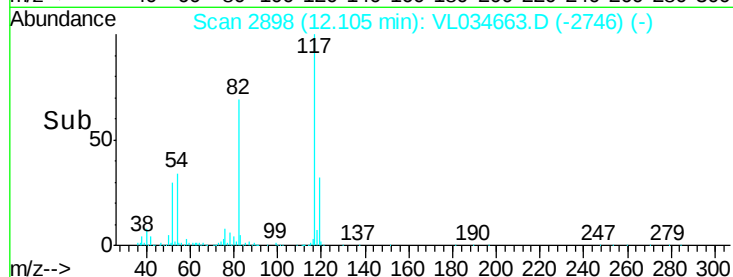
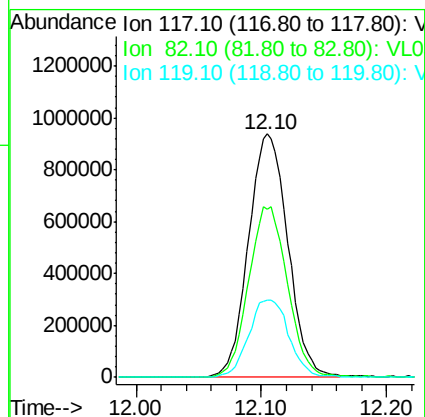
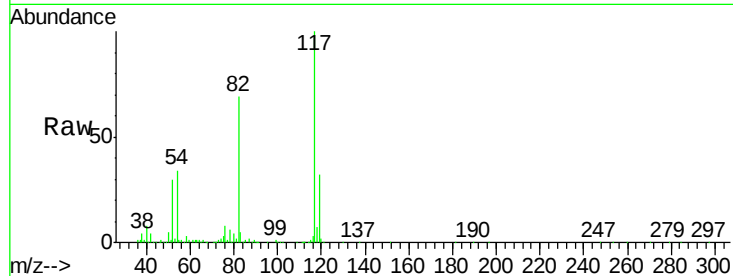




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.01 min
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VIBLK

Tot Ion:117 Resp: 2044574
Ion Ratio Lower Upper
117 100
82 70.2 54.2 81.4
119 32.6 26.1 39.1



#68
1-Bromo-4-Fluorobenzene
Concen: 9.793 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. -0.01 min
Lab File: VL034663.D
Acq: 20 Feb 2020 2:56

Tgt Ion: 95 Resp: 1692125
Ion Ratio Lower Upper
95 100
174 66.8 52.3 78.5
175 4.8 3.8 5.6

