

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL022620\
Data File : VL034688.D
Acq On : 26 Feb 2020 14:33
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Feb 27 07:57:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL022620AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Feb 26 06:58:15 2020
QLast Update : Wed Feb 26 06:58:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1024969	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2091137	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2083191	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1726103	10.11	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.10%

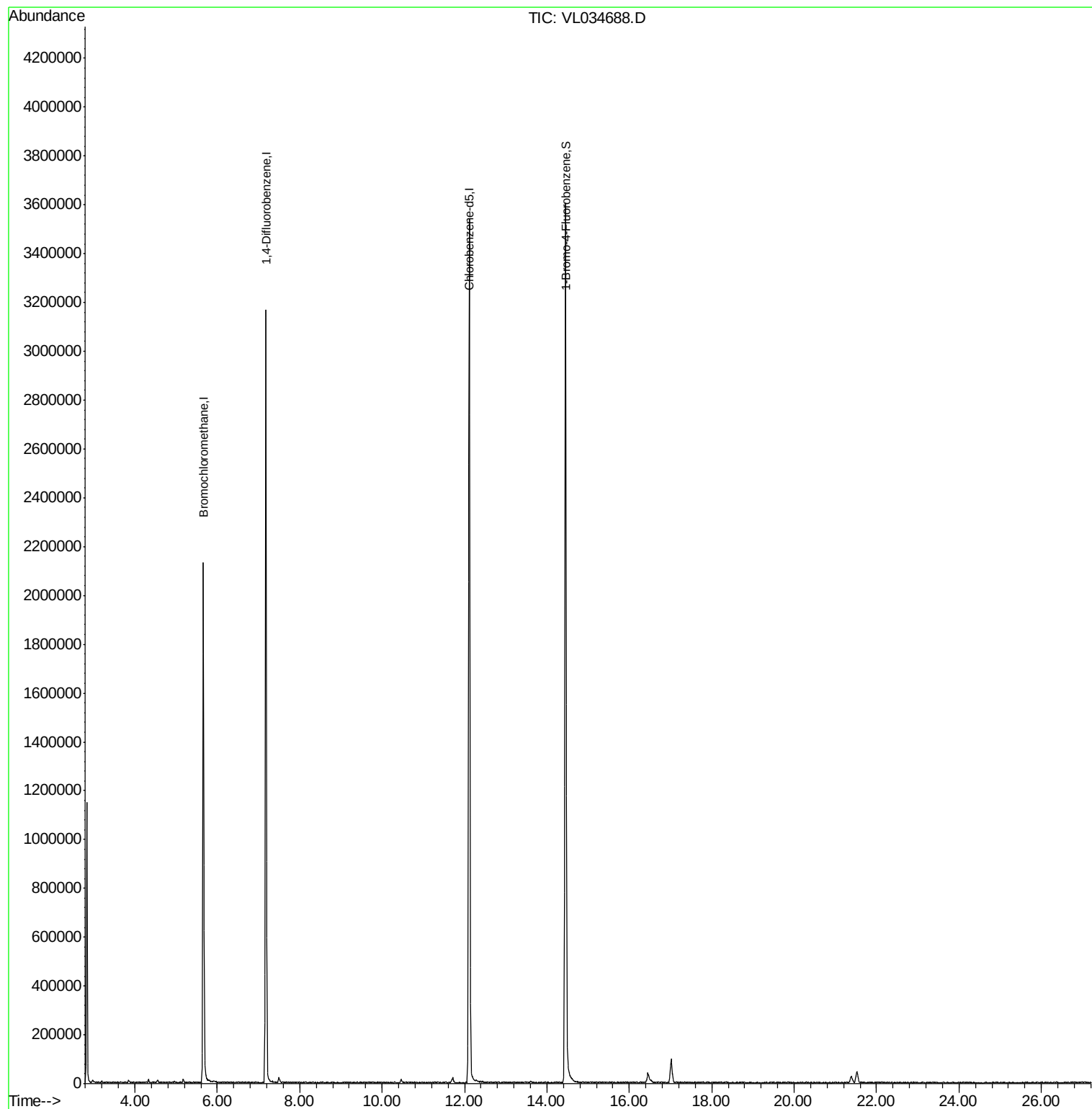
Target Compounds	Ovalue
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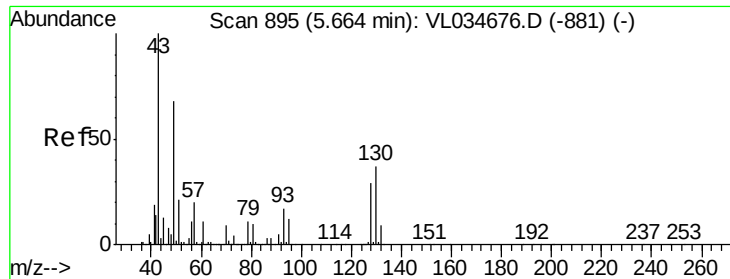
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.01 min

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MSVOA_L

ClientSampleId :

VIBLK

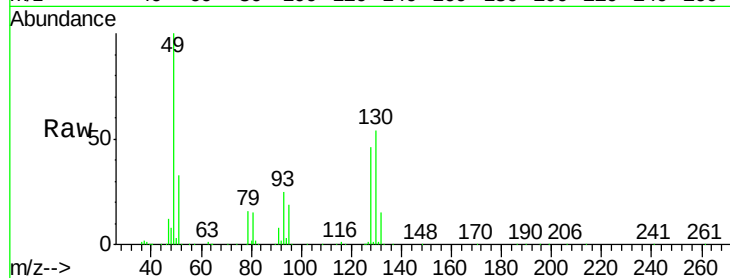
Tot Ion: 49 Resp: 1024969

Ion Ratio Lower Upper

49 100

128 44.7 21.6 65.0

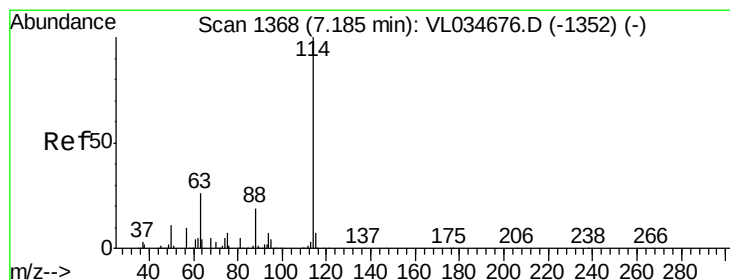
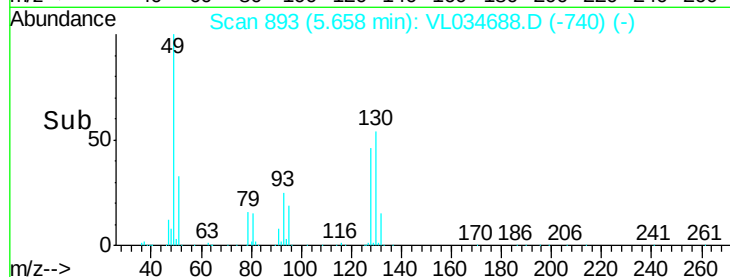
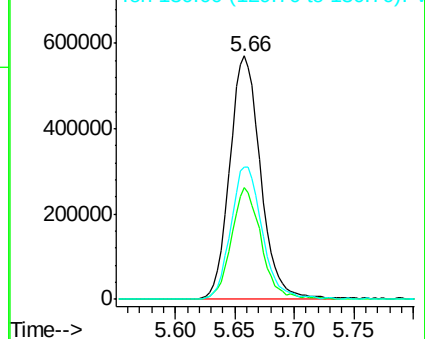
130 56.2 27.7 83.1



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# 1366

Delta R.T. -0.01 min

Lab File: VL034688.D

Acq: 26 Feb 2020 14:33

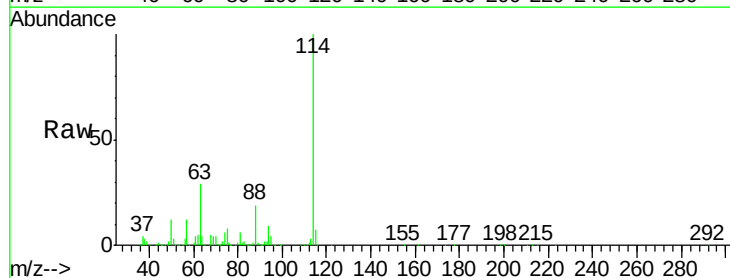
Tgt Ion: 114 Resp: 2091137

Ion Ratio Lower Upper

114 100

63 28.9 22.9 34.3

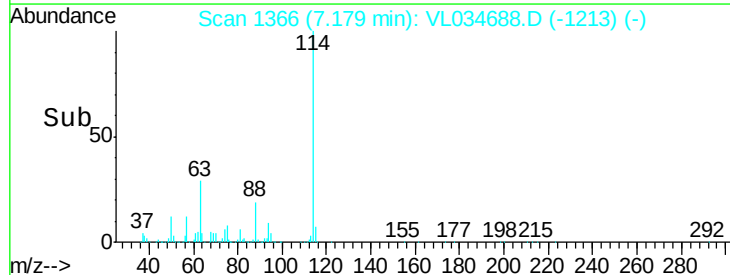
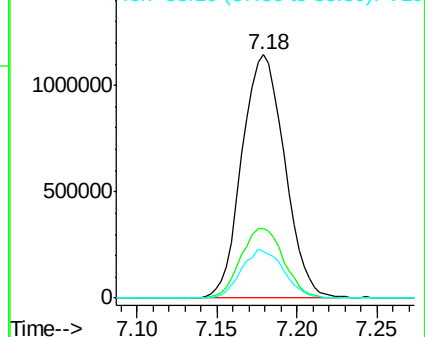
88 19.6 15.8 23.6

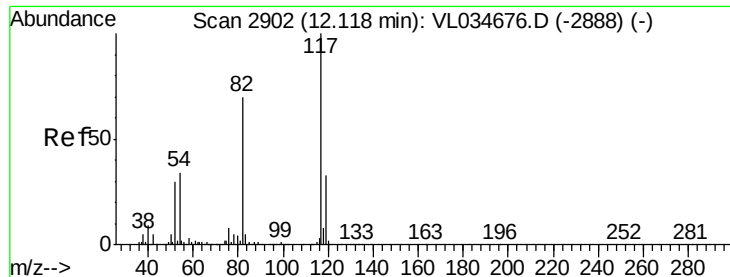


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

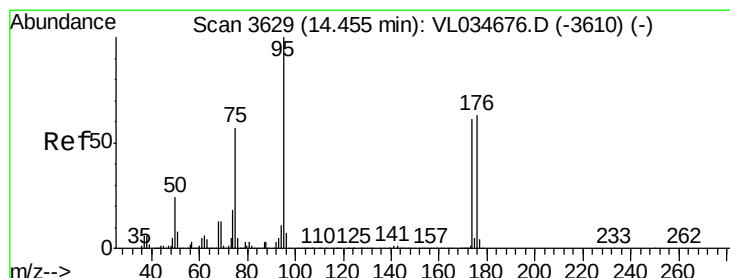
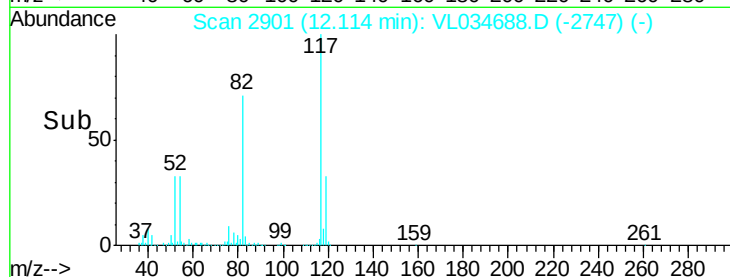
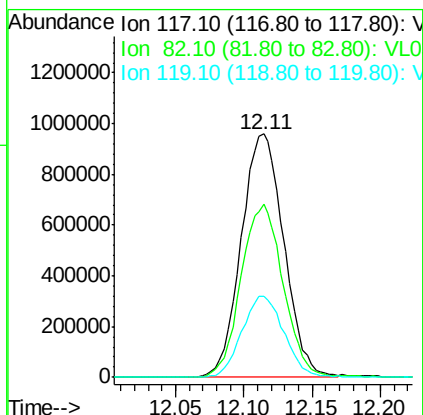
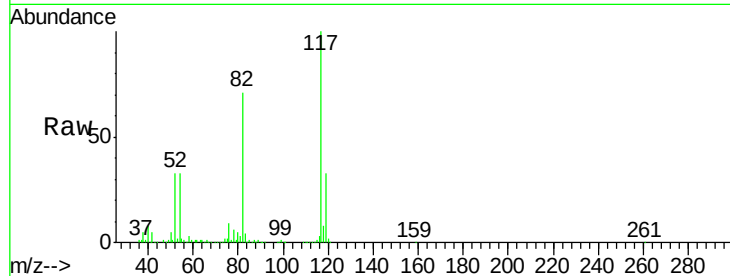




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2901
Delta R.T. -0.00 min
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VIBLK

Tot Ion:117 Resp: 2083191
Ion Ratio Lower Upper
117 100
82 70.7 54.1 81.1
119 33.1 27.6 41.4



#68
1-Bromo-4-Fluorobenzene
Concen: 10.105 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. -0.01 min
Lab File: VL034688.D
Acq: 26 Feb 2020 14:33

Tgt Ion: 95 Resp: 1726103
Ion Ratio Lower Upper
95 100
174 63.2 50.7 76.1
175 4.6 3.9 5.9

