

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100819\
Data File : VL034252.D
Acq On : 8 Oct 2019 16:37
Operator : SY/AP
Sample : VL1008ABL01
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1008ABL01

Quant Time: Oct 09 05:34:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 18 12:53:31 2019
QLast Update : Wed Sep 18 12:53:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1152999	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.21	114	1875584	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.15	117	1903576	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.49	95	1699259	10.27	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.70%

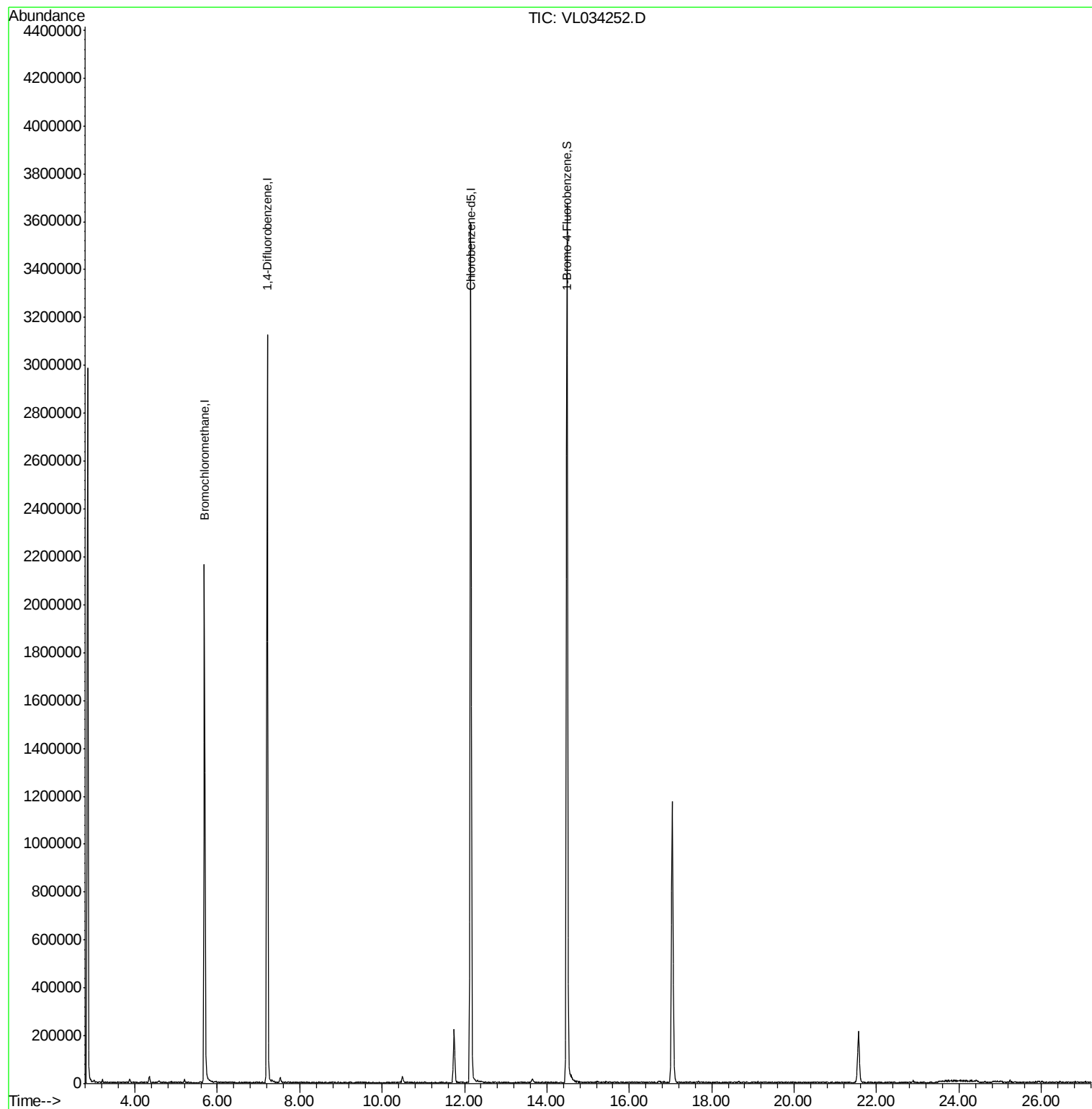
Target Compounds	Qvalue
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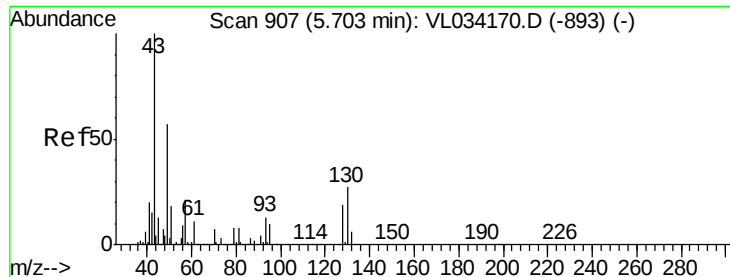
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. -0.02 min

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MSVOA_L

ClientSampleId :

VL1008ABL01

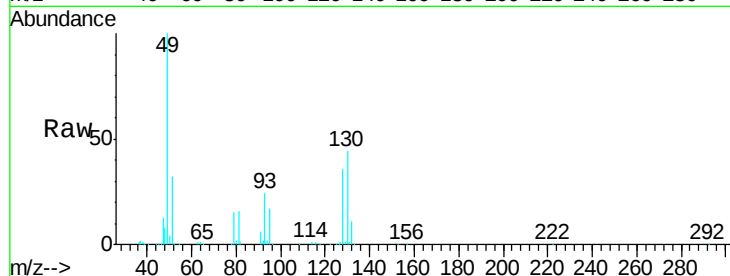
Tgt Ion: 49 Resp: 1152999

Ion Ratio Lower Upper

49 100

128 35.4 17.6 52.9

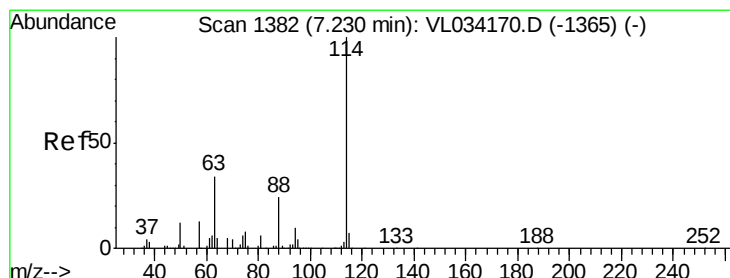
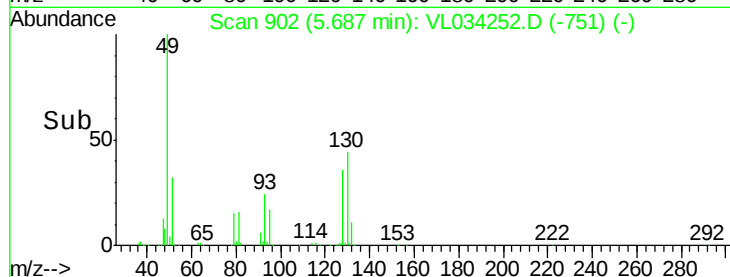
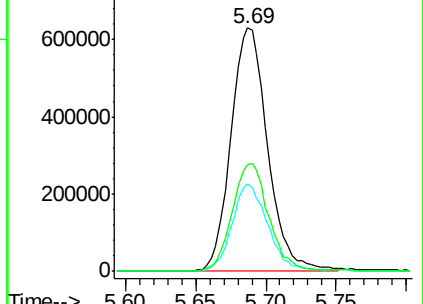
130 44.6 22.3 66.9



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: 7.21 min Scan# 1376

Delta R.T. -0.02 min

Lab File: VL034252.D

Acq: 8 Oct 2019 16:37

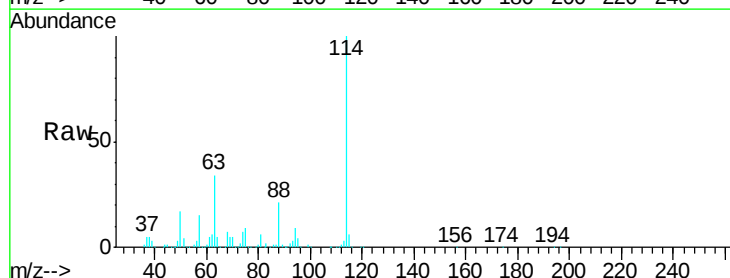
Tgt Ion: 114 Resp: 1875584

Ion Ratio Lower Upper

114 100

63 34.8 27.8 41.6

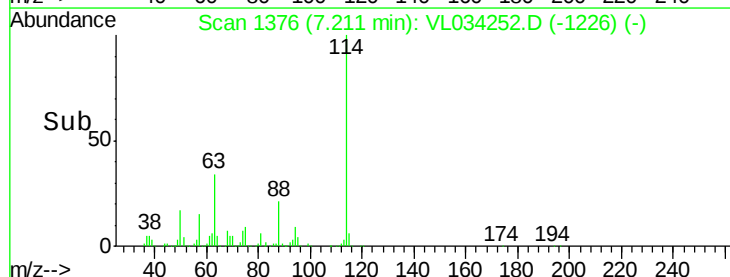
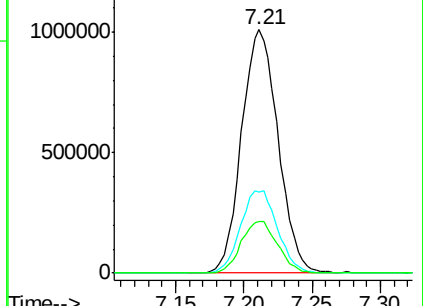
88 21.2 17.1 25.7

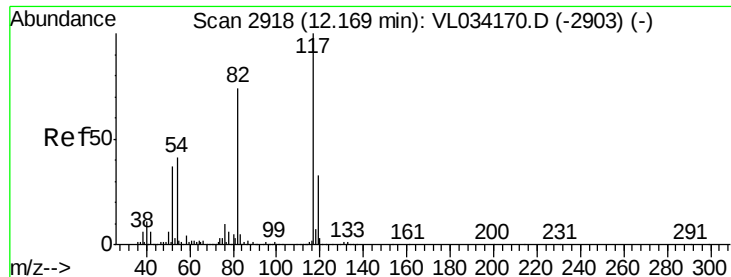


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

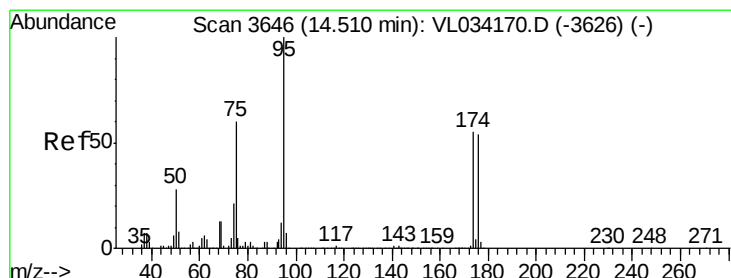
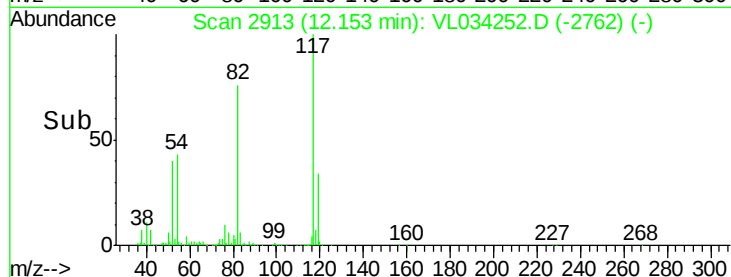
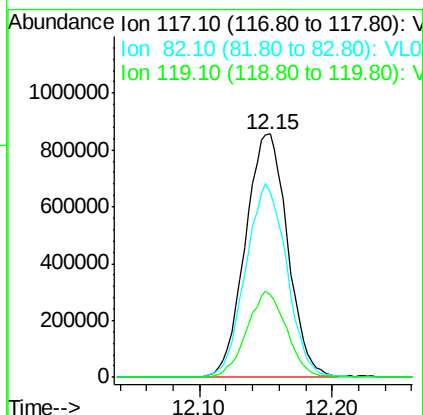
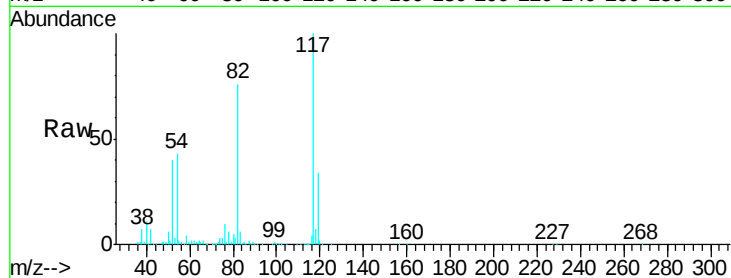




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2913
Delta R.T. -0.02 min
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VL1008ABL01

Tgt Ion:117 Resp: 1903576
Ion Ratio Lower Upper
117 100
82 77.7 58.2 87.4
119 33.5 23.7 35.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.273 ppbv
RT: 14.49 min Scan# 3639
Delta R.T. -0.02 min
Lab File: VL034252.D
Acq: 8 Oct 2019 16:37

Tgt Ion: 95 Resp: 1699259
Ion Ratio Lower Upper
95 100
174 54.9 45.1 67.7
175 4.0 3.3 4.9

