

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100819\
Data File : VL034255.D
Acq On : 8 Oct 2019 19:13
Operator : SY/AP
Sample : VIBLK
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Oct 09 05:45:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 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	1051232	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.21	114	1737438	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.15	117	1683010	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.49	95	1514667	10.36	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.60%

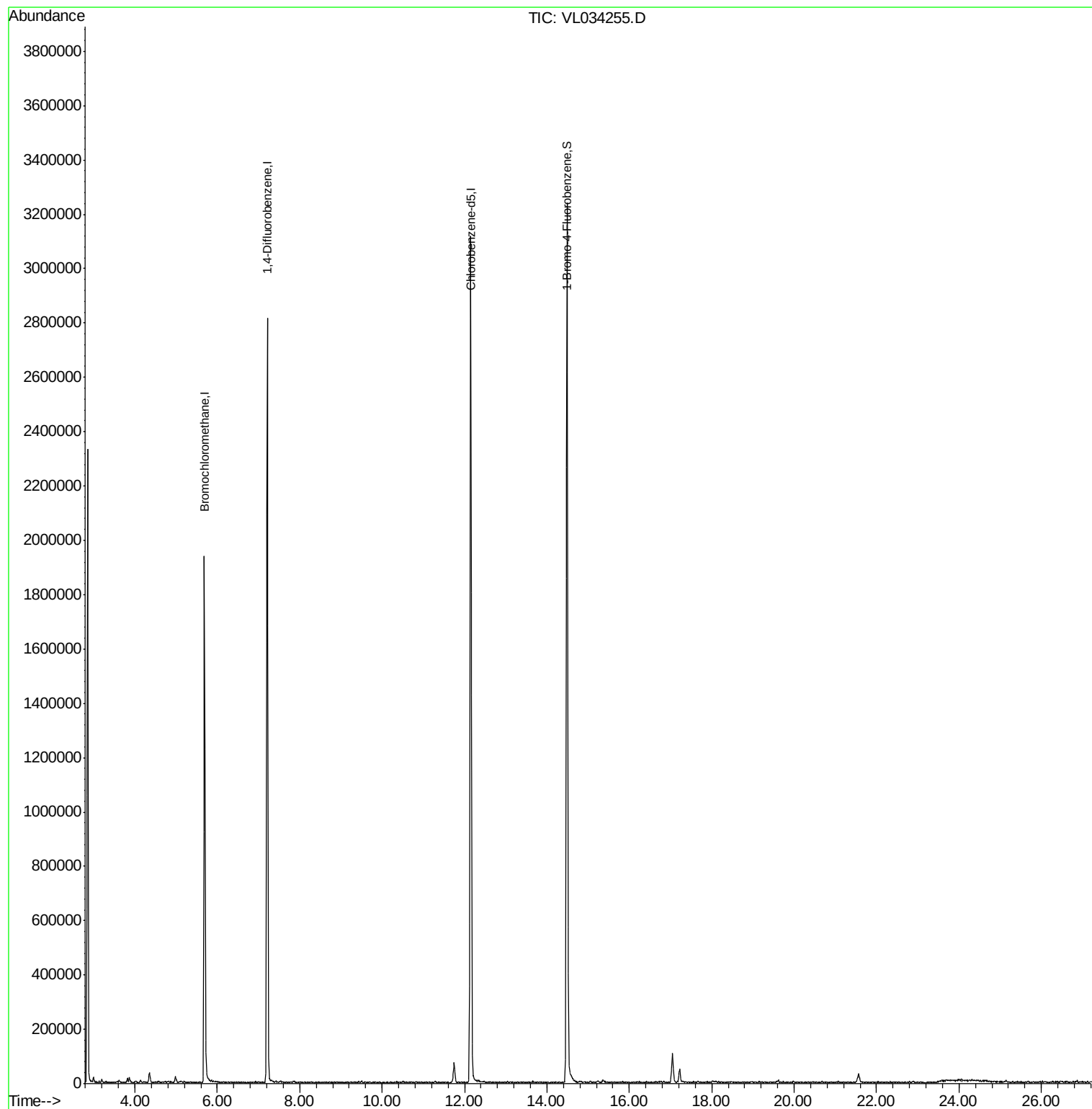
Target Compounds	Qvalue
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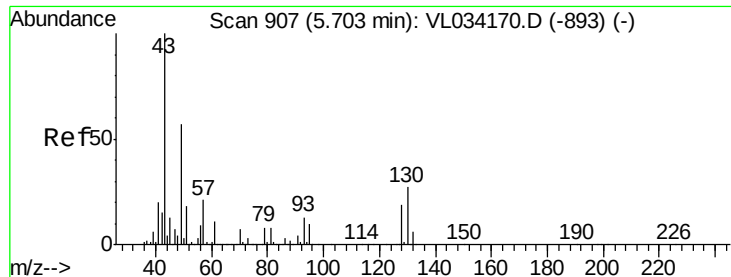
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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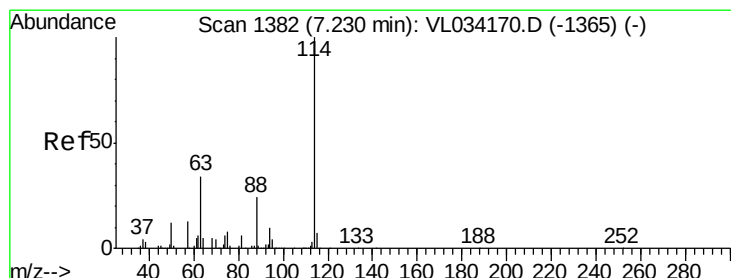
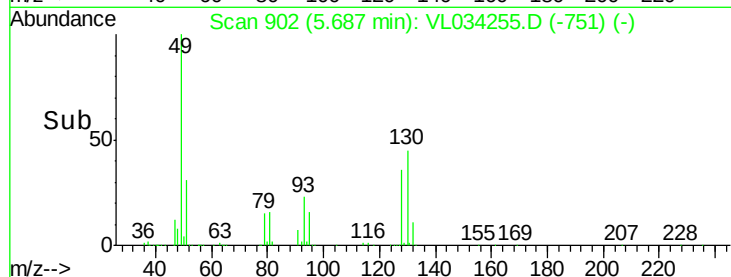
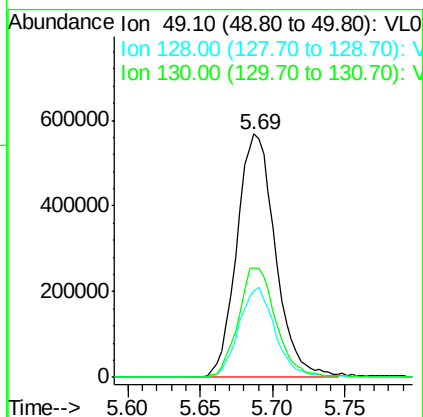
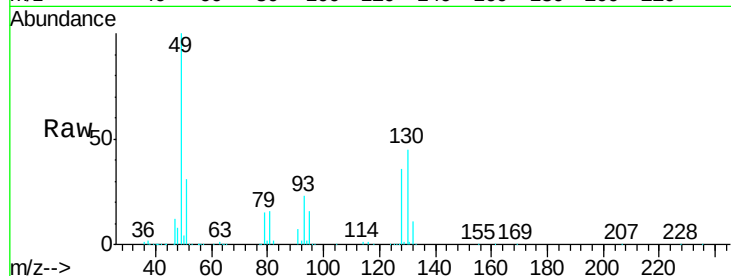




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.69 min Scan# 902
 Delta R.T. -0.02 min
 Lab File: VL034255.D
 Acq: 8 Oct 2019 19:13

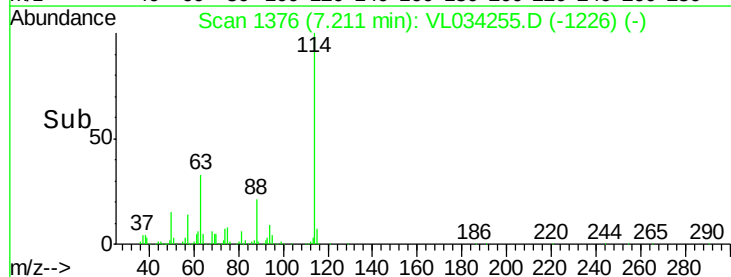
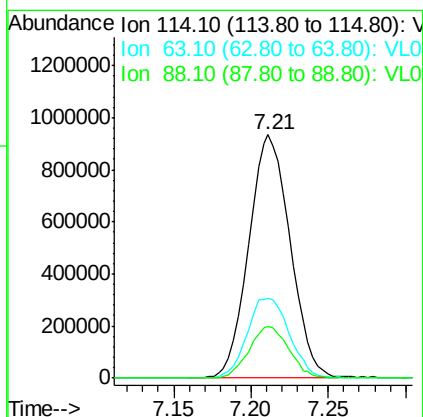
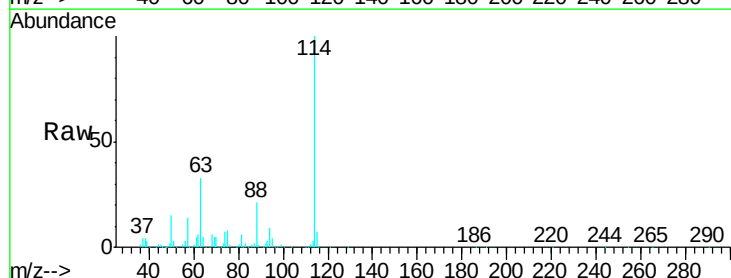
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

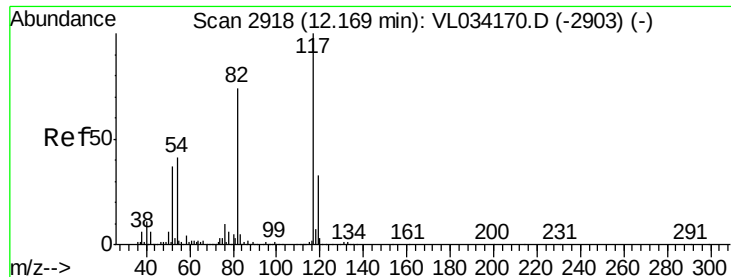
Tgt Ion: 49 Resp: 1051232
 Ion Ratio Lower Upper
 49 100
 128 35.5 17.6 52.9
 130 44.4 22.3 66.9



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.21 min Scan# 1376
 Delta R.T. -0.02 min
 Lab File: VL034255.D
 Acq: 8 Oct 2019 19:13

Tgt Ion: 114 Resp: 1737438
 Ion Ratio Lower Upper
 114 100
 63 33.8 27.8 41.6
 88 20.7 17.1 25.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.15 min Scan# 2912

Delta R.T. -0.02 min

Lab File: VL034255.D

Acq: 8 Oct 2019 19:13

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

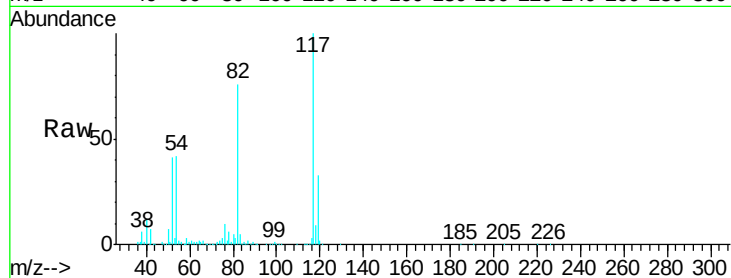
Tgt Ion:117 Resp: 1683010

Ion Ratio Lower Upper

117 100

82 77.5 58.2 87.4

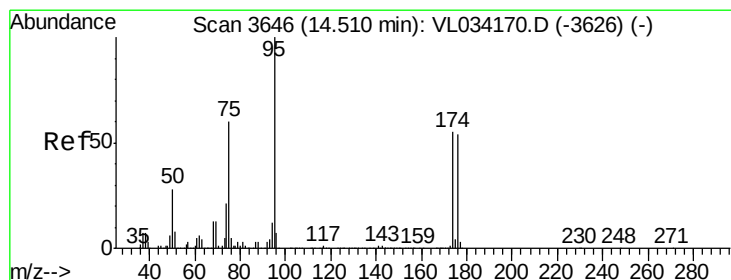
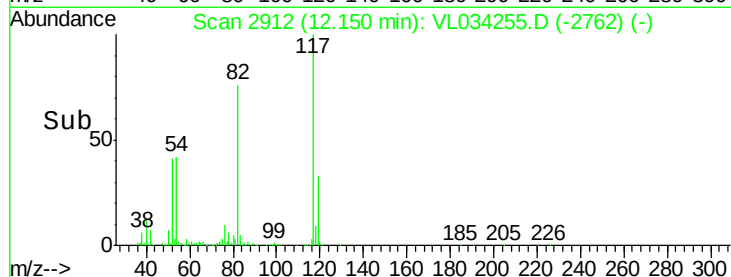
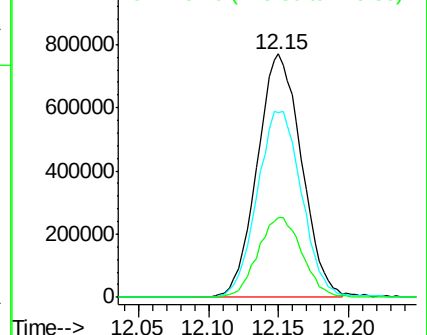
119 33.0 23.7 35.5



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 10.357 ppbv

RT: 14.49 min Scan# 3639

Delta R.T. -0.02 min

Lab File: VL034255.D

Acq: 8 Oct 2019 19:13

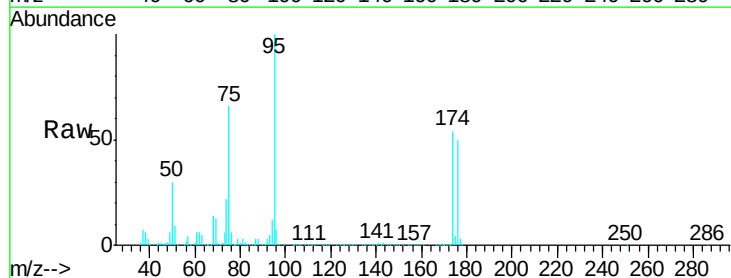
Tgt Ion: 95 Resp: 1514667

Ion Ratio Lower Upper

95 100

174 53.8 45.1 67.7

175 4.0 3.3 4.9



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

