

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL030920\
 Data File : VL034854.D
 Acq On : 10 Mar 2020 1:10
 Operator : SY/AP
 Sample : CAN 10326
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10326

Quant Time: Mar 11 09:25:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 09 16:42:53 2020
 QLast Update : Mon Mar 09 16:42:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	882281	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	1979183	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	1919524	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1541327	10.30	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.00%

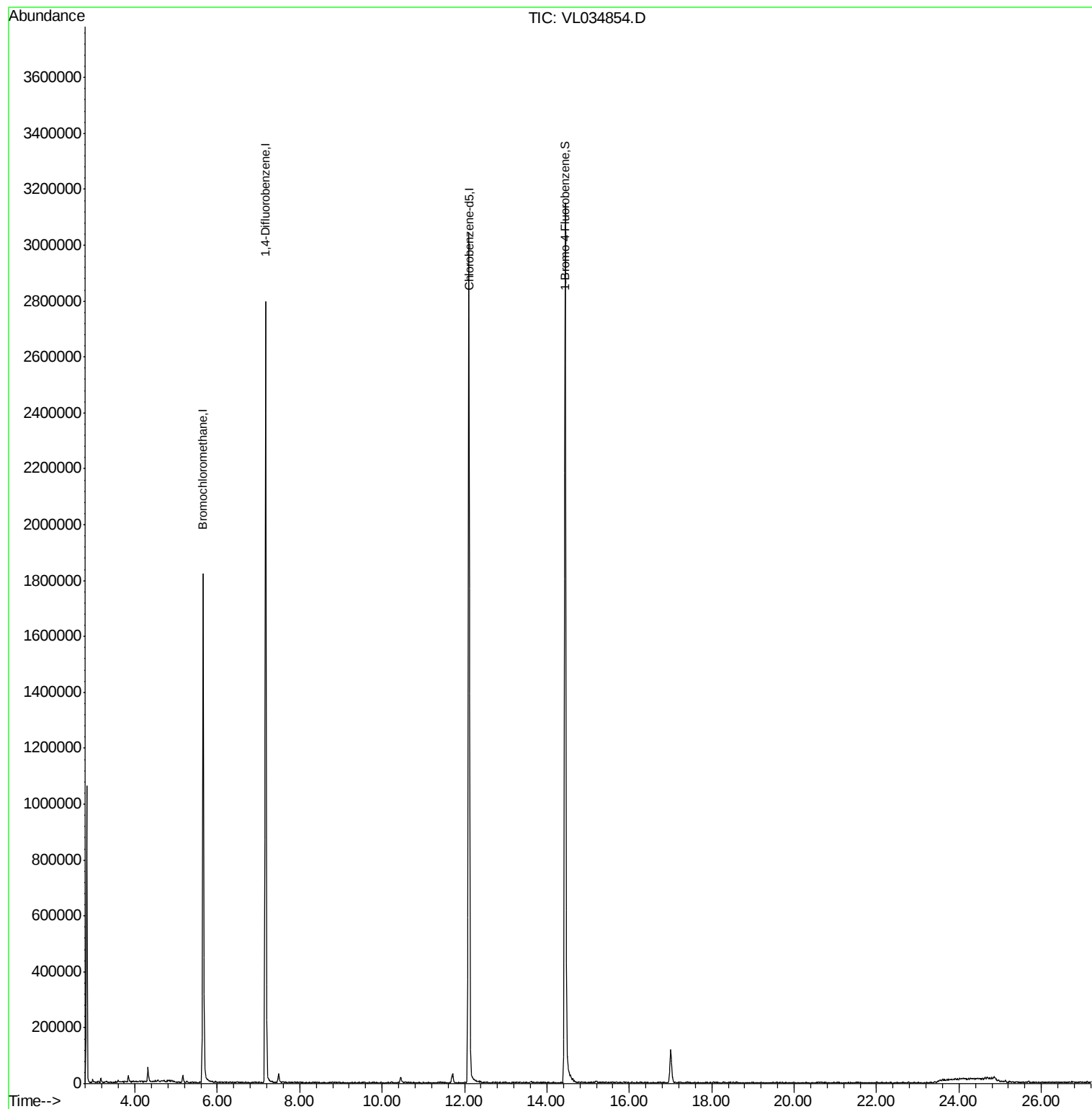
Target Compounds	Ovalue

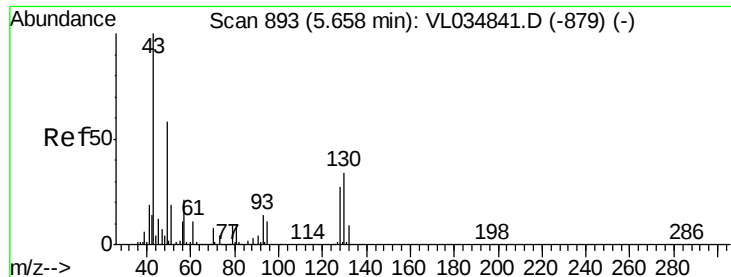
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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CAN 10326

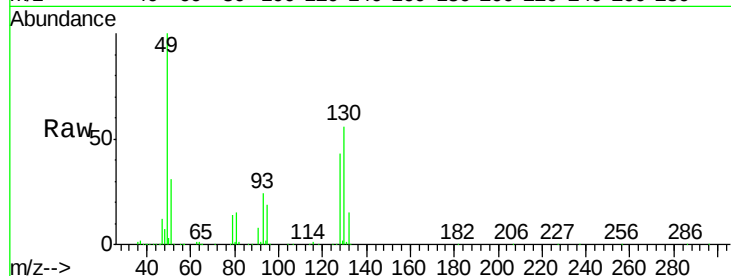
Tot Ion: 49 Resp: 882281

Ion Ratio Lower Upper

49 100

128 47.3 23.4 70.3

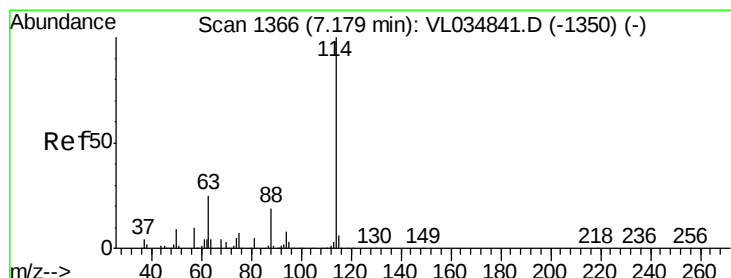
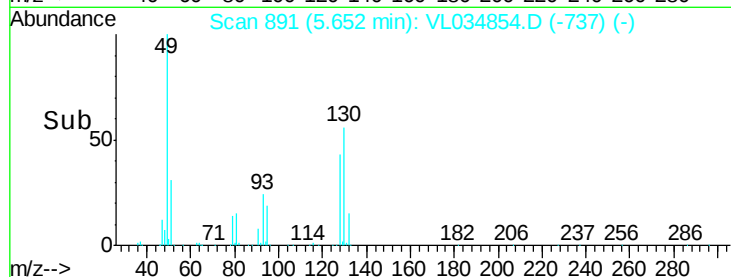
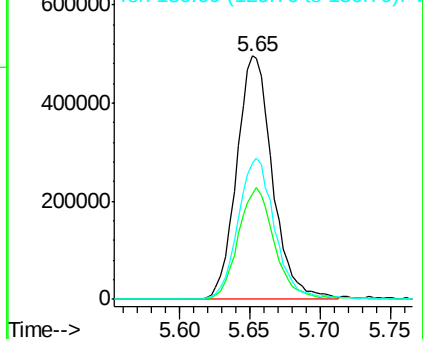
130 59.6 30.0 90.0



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# 1364

Delta R.T. -0.01 min

Lab File: VL034854.D

Acq: 10 Mar 2020 1:10

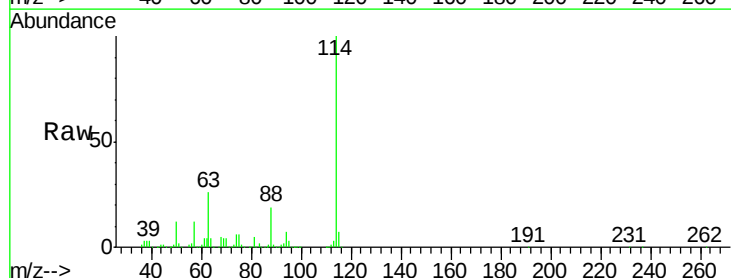
Tgt Ion: 114 Resp: 1979183

Ion Ratio Lower Upper

114 100

63 26.2 20.6 31.0

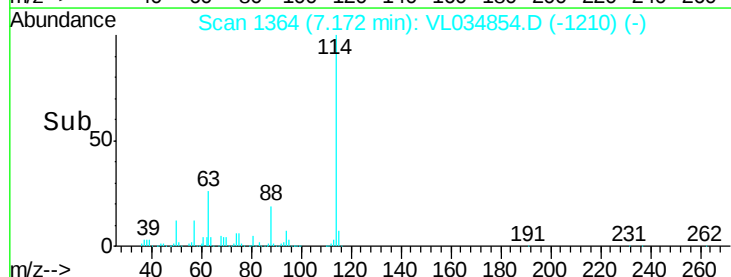
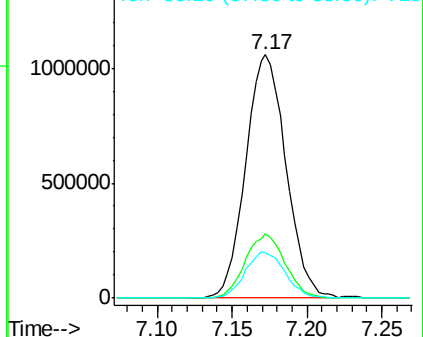
88 19.1 15.0 22.6

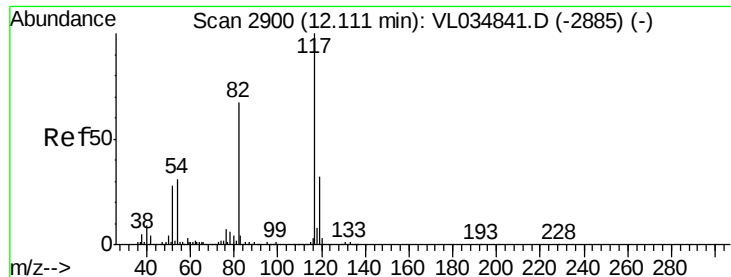


Abundance Ion 114.10 (113.80 to 114.80): VL0

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# 2899

Delta R.T. -0.00 min

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Acq: 10 Mar 2020 1:10

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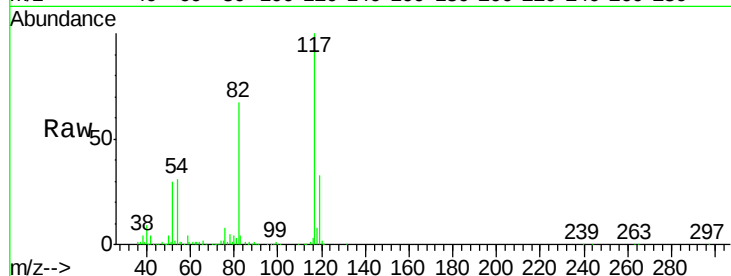
Tot Ion:117 Resp: 1919524

Ion Ratio Lower Upper

117 100

82 68.3 51.1 76.7

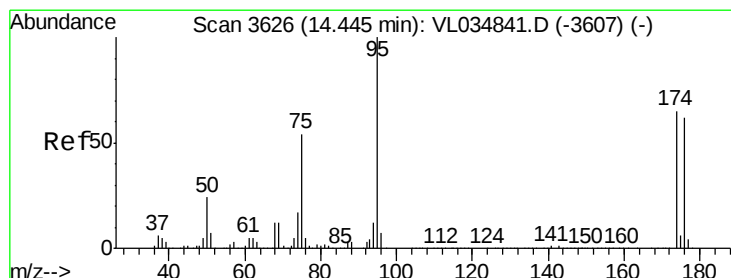
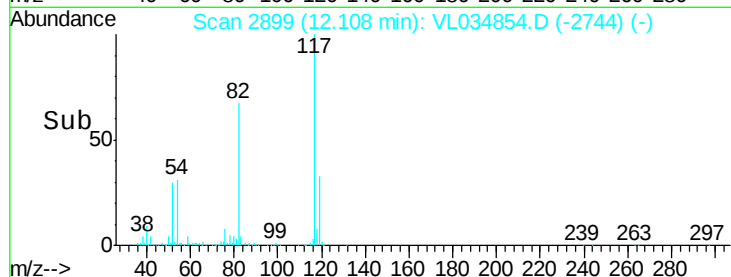
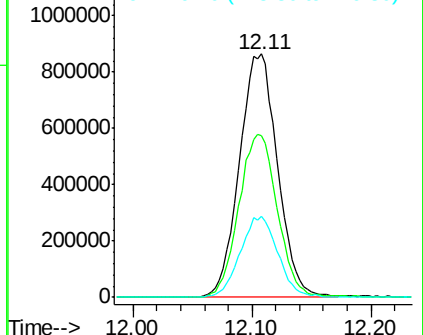
119 33.0 27.3 40.9



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: 10.296 ppbv

RT: 14.44 min Scan# 3624

Delta R.T. -0.01 min

Lab File: VL034854.D

Acq: 10 Mar 2020 1:10

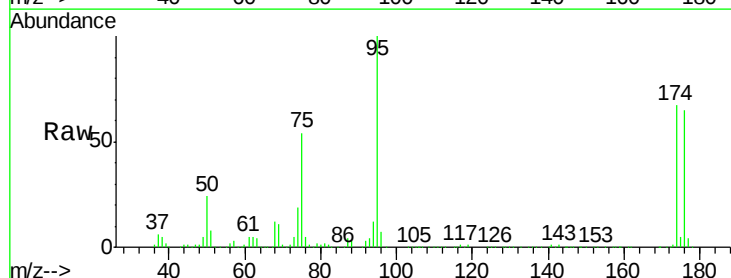
Tgt Ion: 95 Resp: 1541327

Ion Ratio Lower Upper

95 100

174 67.7 55.2 82.8

175 5.0 4.3 6.5



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

