

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091819\
 Data File : VL034189.D
 Acq On : 18 Sep 2019 19:10
 Operator : SY/AP
 Sample : OC CAN 10268
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC CAN 10268

Quant Time: Sep 19 10:28:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed 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	5.70	49	1135941	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.22	114	1829299	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.16	117	1865796	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.49	95	1661090	10.25	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.50%

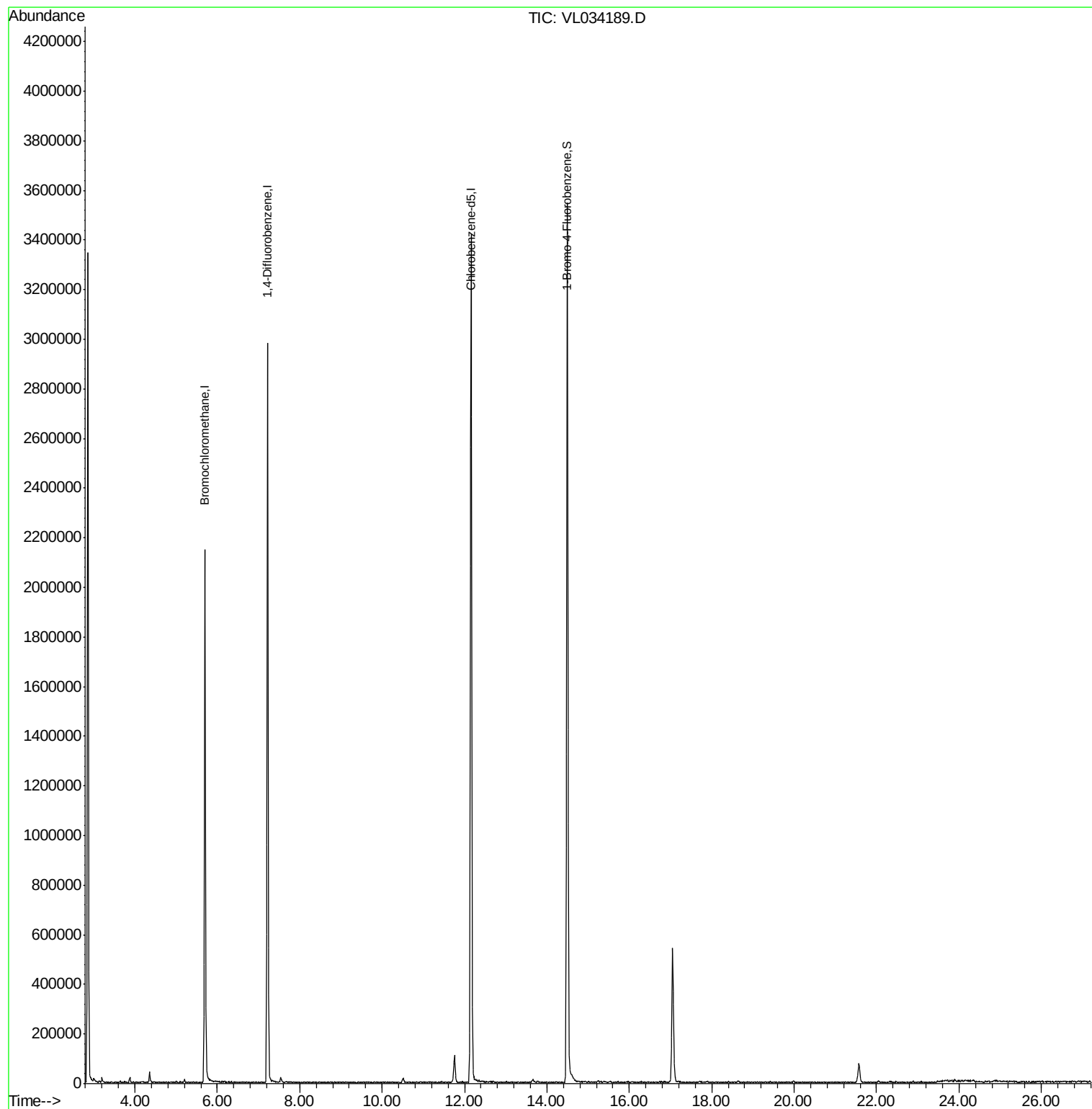
Target Compounds	Ovalue

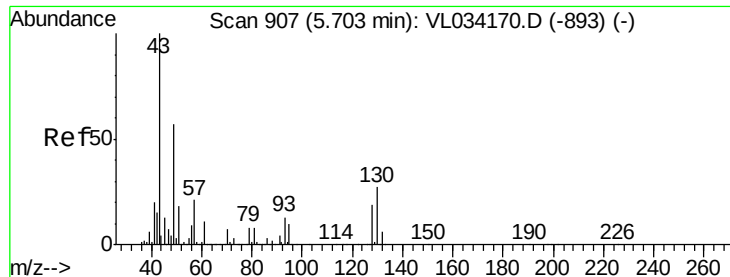
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.70 min Scan# 905

Delta R.T. -0.01 min

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MSVOA_L

ClientSampleId :

QC CAN 10268

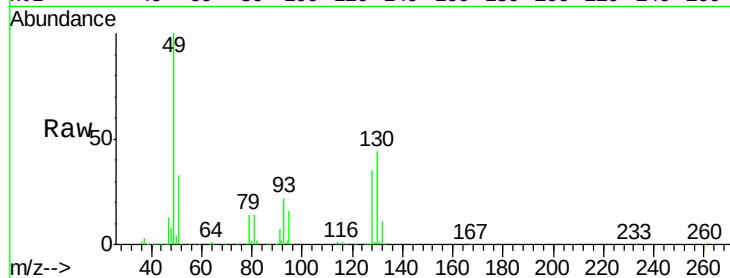
Tot Ion: 49 Resp: 1135941

Ion Ratio Lower Upper

49 100

128 34.7 17.6 52.9

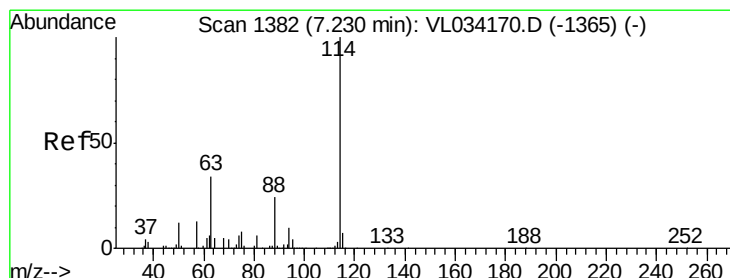
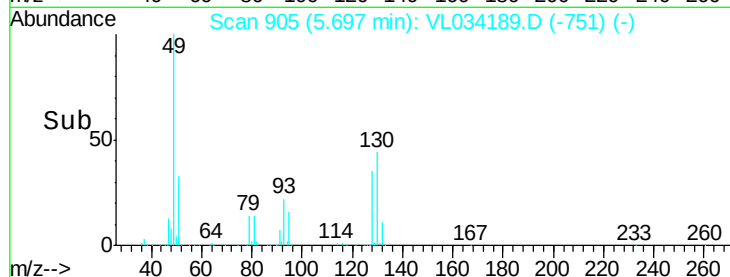
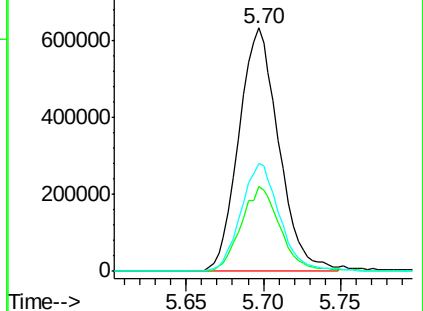
130 43.4 22.3 66.9



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: 7.22 min Scan# 1378

Delta R.T. -0.01 min

Lab File: VL034189.D

Acq: 18 Sep 2019 19:10

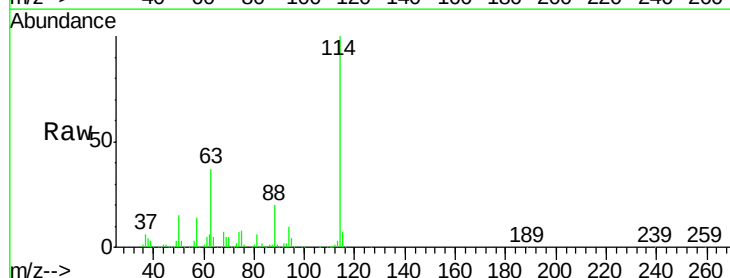
Tgt Ion: 114 Resp: 1829299

Ion Ratio Lower Upper

114 100

63 34.9 27.8 41.6

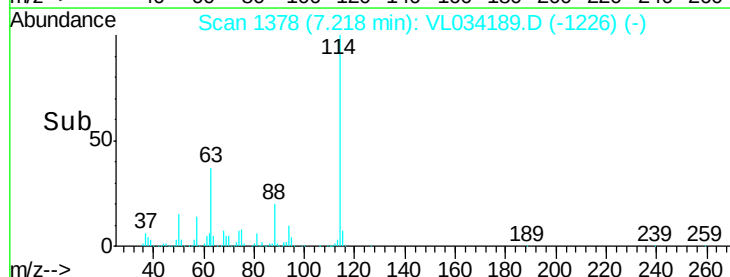
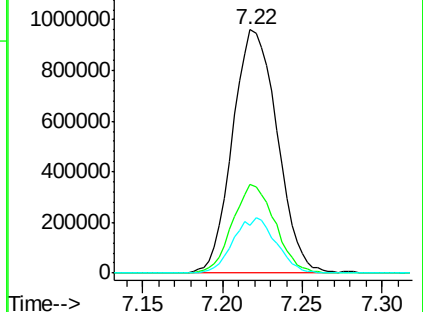
88 21.8 17.1 25.7

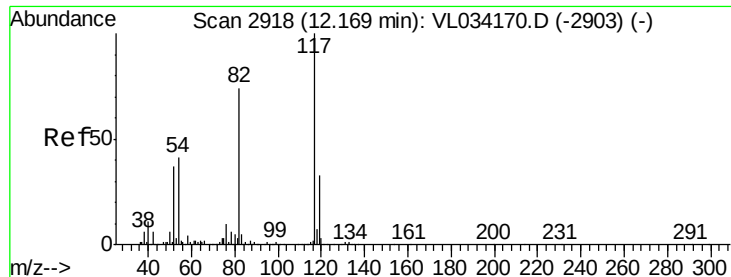


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

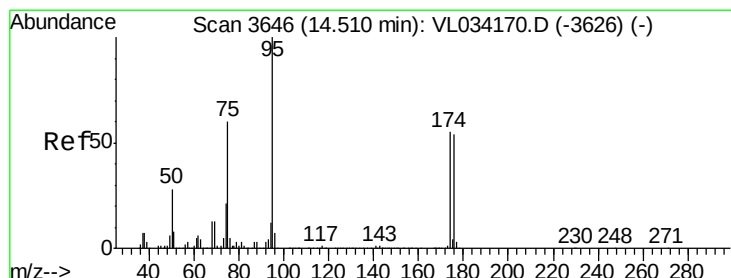
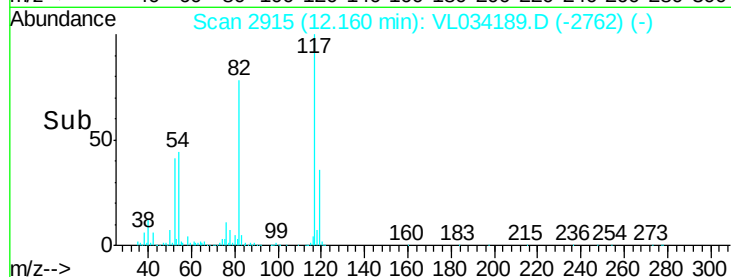
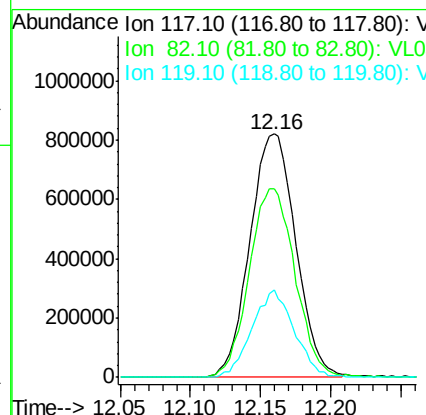
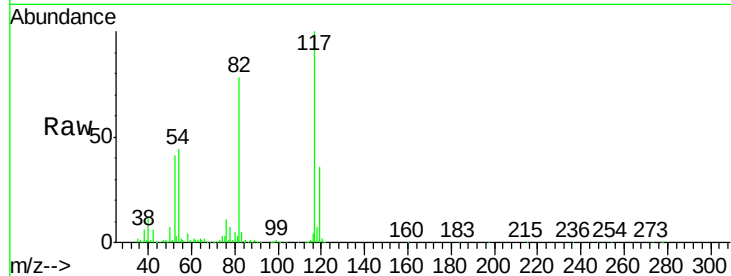




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.16 min Scan# 2915
Delta R.T. -0.01 min
Lab File: VL034189.D
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Tot Ion:117 Resp: 1865796
Ion Ratio Lower Upper
117 100
82 78.1 58.2 87.4
119 33.2 23.7 35.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.246 ppbv
RT: 14.49 min Scan# 3641
Delta R.T. -0.02 min
Lab File: VL034189.D
Acq: 18 Sep 2019 19:10

Tgt Ion: 95 Resp: 1661090
Ion Ratio Lower Upper
95 100
174 55.5 45.1 67.7
175 4.1 3.3 4.9

