

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL101419\
 Data File : VL034294.D
 Acq On : 14 Oct 2019 23:18
 Operator : SY/AP
 Sample : OC101119 CAN 10296
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC101119 CAN 10296

Quant Time: Oct 15 09:43:17 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	971280	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.21	114	1620560	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.15	117	1603776	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.49	95	1433410	10.29	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

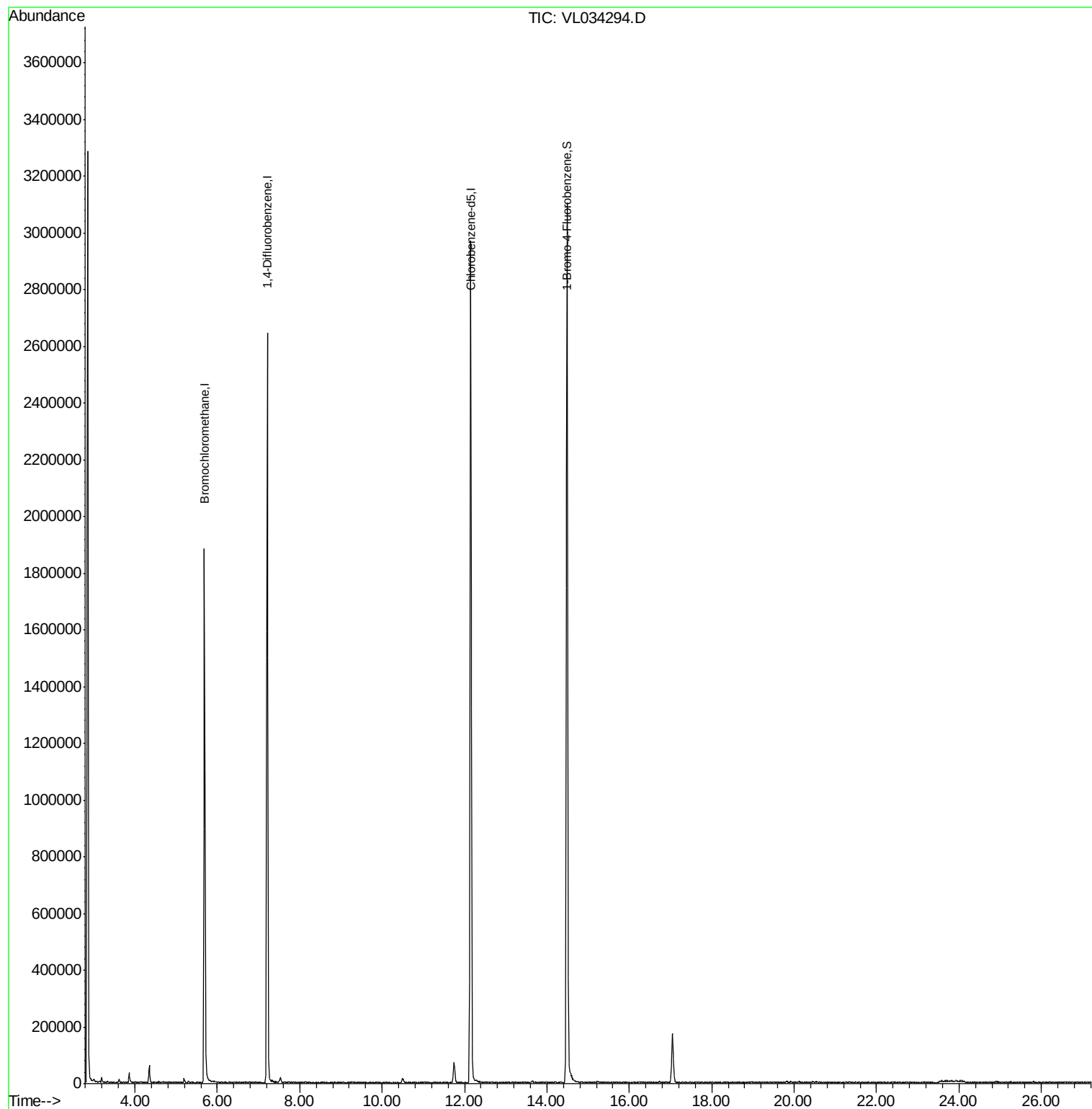
Target Compounds	Ovalue

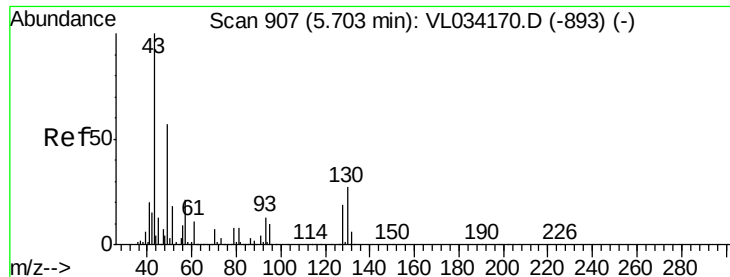
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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Instrument :

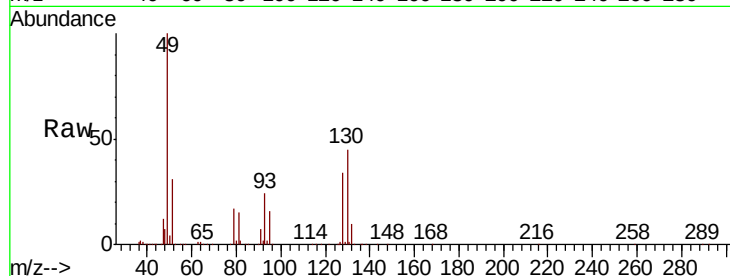
MSVOA_L

ClientSampleId :

QC101119 CAN 10296

Tot Ion: 49 Resp: 971280

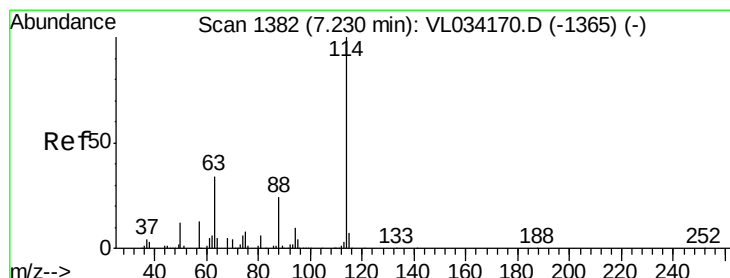
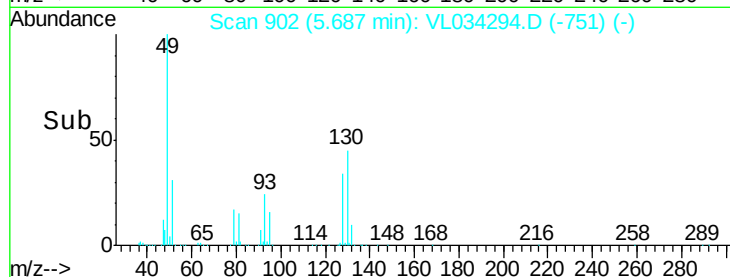
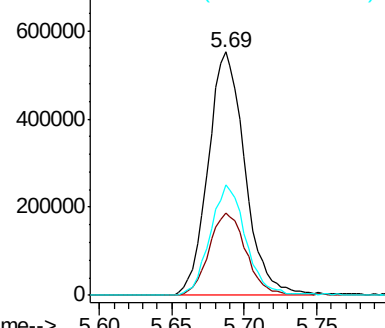
Ion	Ratio	Lower	Upper
49	100		
128	34.7	17.6	52.9
130	44.5	22.3	66.9



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

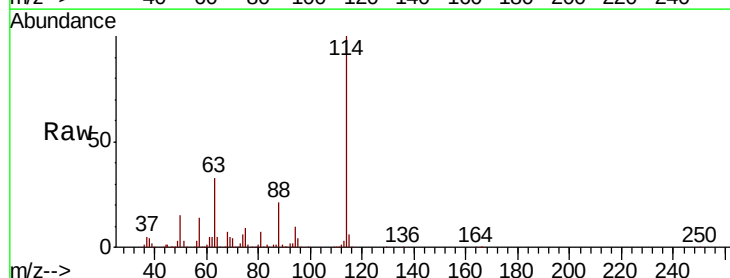
Delta R.T. -0.02 min

Lab File: VL034294.D

Acq: 14 Oct 2019 23:18

Tgt Ion: 114 Resp: 1620560

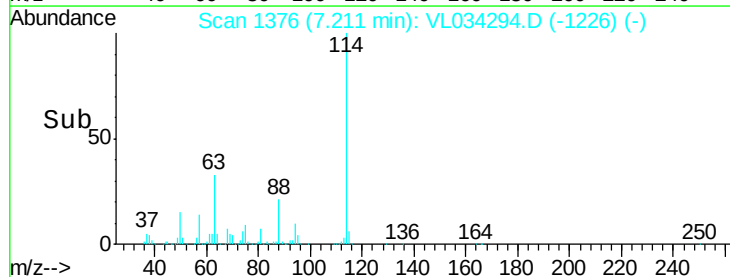
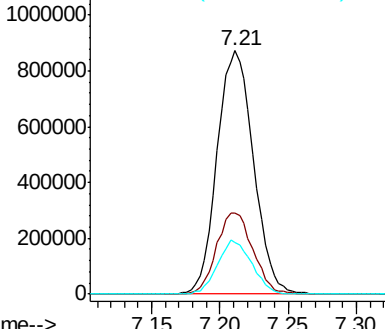
Ion	Ratio	Lower	Upper
114	100		
63	33.5	27.8	41.6
88	20.9	17.1	25.7

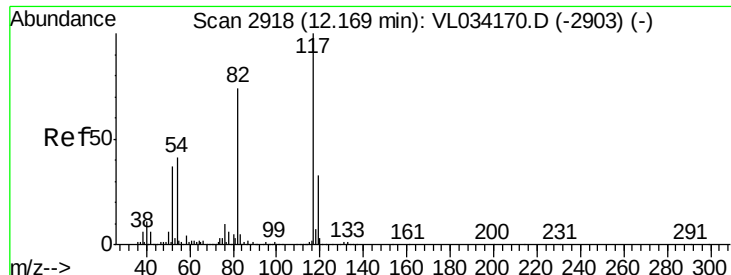


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

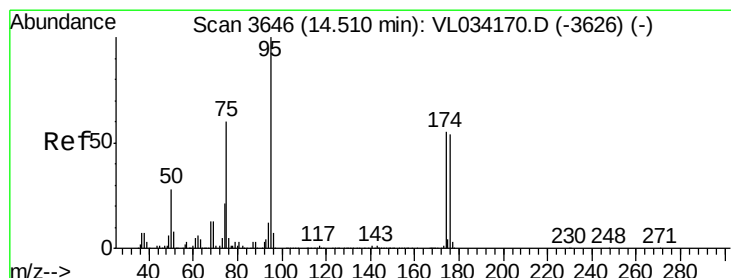
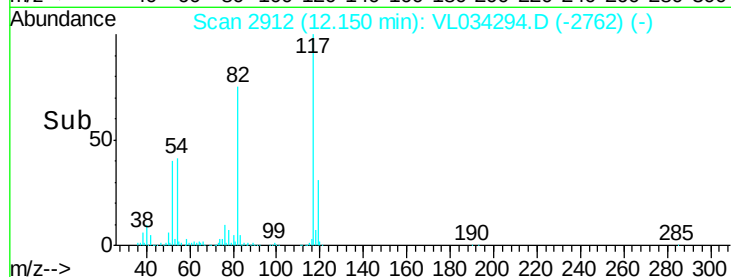
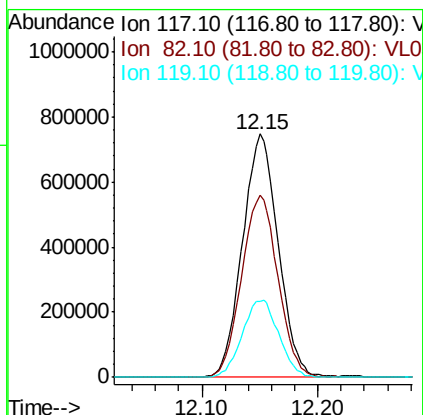
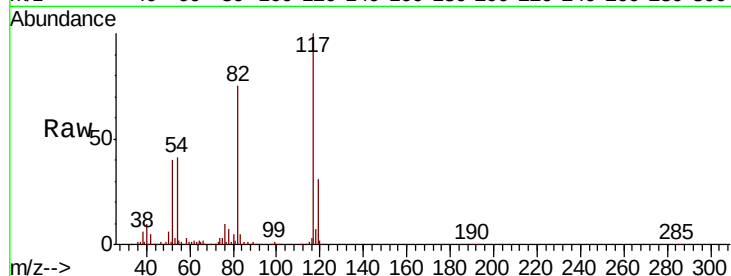




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.15 min Scan# 2912
Delta R.T. -0.02 min
Lab File: VL034294.D
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Tot Ion:117 Resp: 1603776
Ion Ratio Lower Upper
117 100
82 76.5 58.2 87.4
119 32.6 23.7 35.5



#68
1-Bromo-4-Fluorobenzene
Concen: 10.286 ppbv
RT: 14.49 min Scan# 3639
Delta R.T. -0.02 min
Lab File: VL034294.D
Acq: 14 Oct 2019 23:18

Tgt Ion: 95 Resp: 1433410
Ion Ratio Lower Upper
95 100
174 55.0 45.1 67.7
175 3.9 3.3 4.9

