

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012720\
 Data File : VL034561.D
 Acq On : 27 Jan 2020 14:58
 Operator : SY/AP
 Sample : OC011720 CAN 10283
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC011720 CAN 10283

Quant Time: Jan 28 12:06:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL123019AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 09 03:01:19 2020
 QLast Update : Thu Jan 09 03:01:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	920855	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	1854695	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1825755	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.47	95	1505758	9.88	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.80%

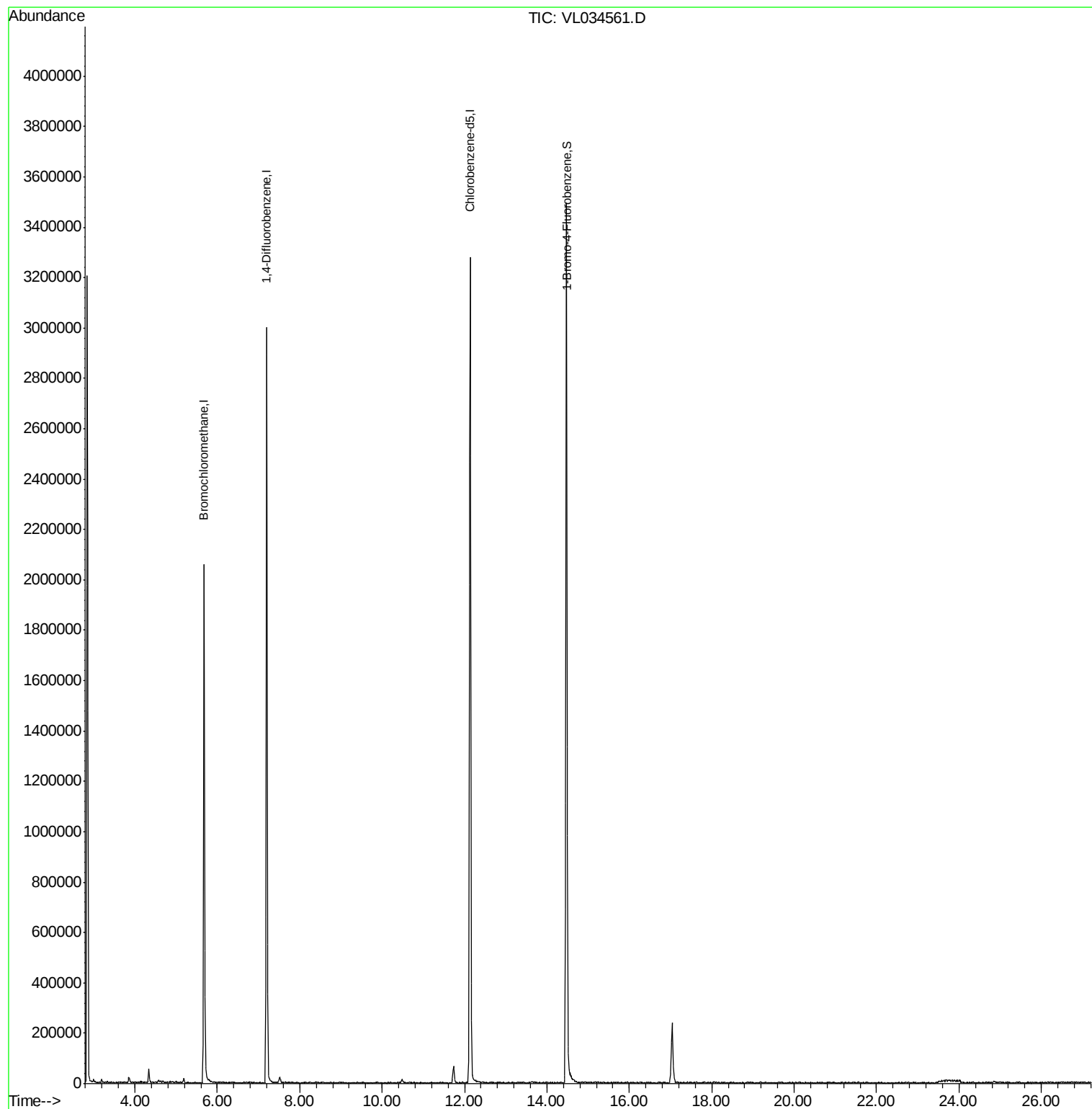
Target Compounds	Ovalue

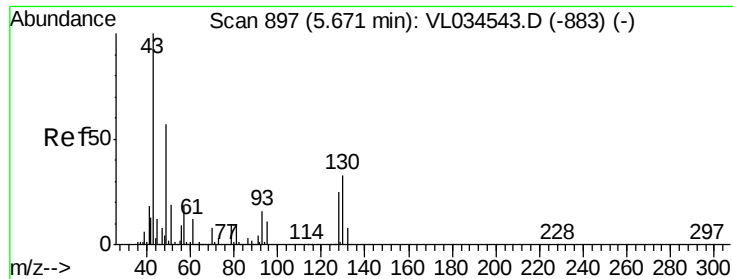
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. -0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

QC011720 CAN 10283

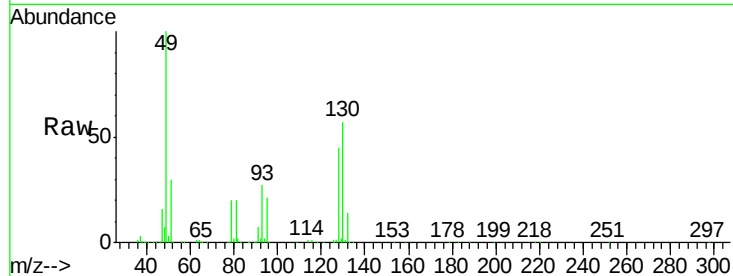
Tot Ion: 49 Resp: 920855

Ion Ratio Lower Upper

49 100

128 45.9 22.4 67.2

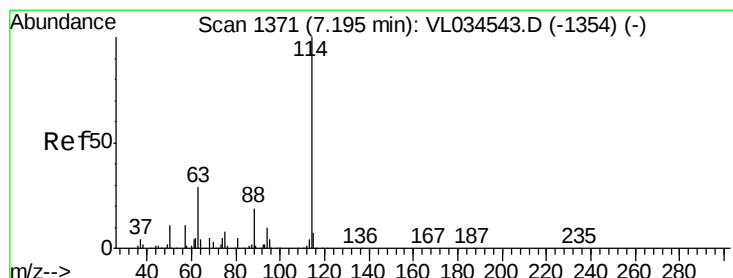
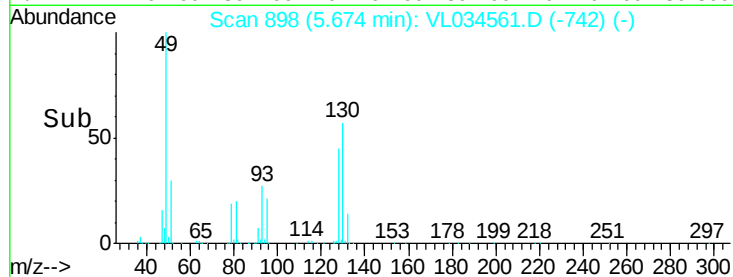
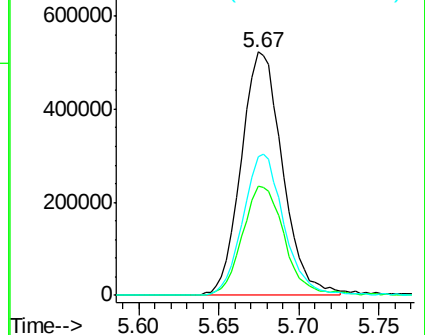
130 57.8 28.3 85.0



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: 7.20 min Scan# 1372

Delta R.T. 0.00 min

Lab File: VL034561.D

Acq: 27 Jan 2020 14:58

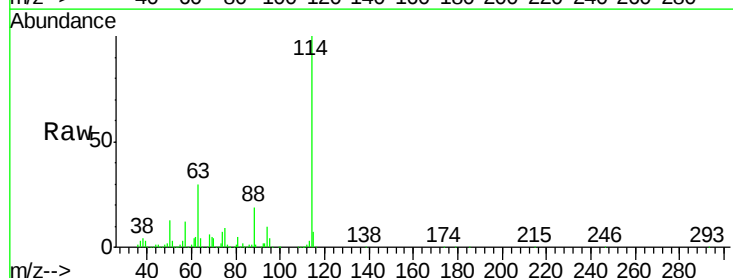
Tgt Ion: 114 Resp: 1854695

Ion Ratio Lower Upper

114 100

63 29.3 24.1 36.1

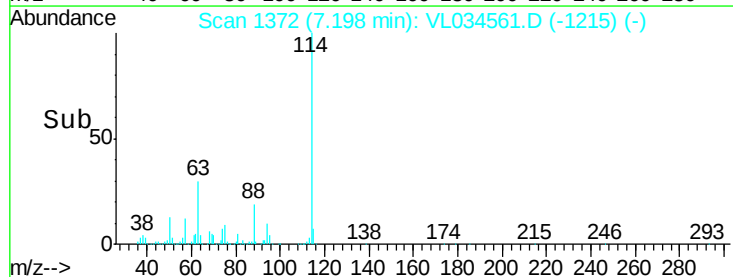
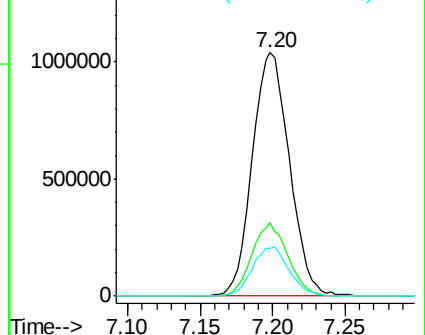
88 19.9 15.7 23.5

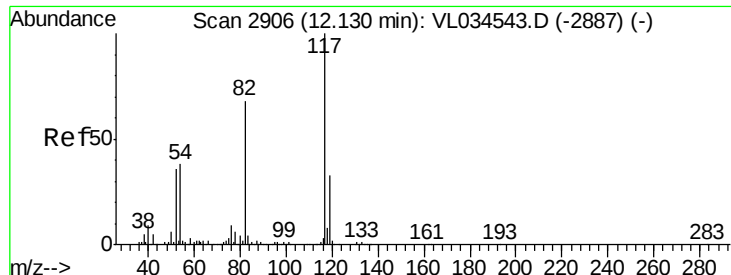


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

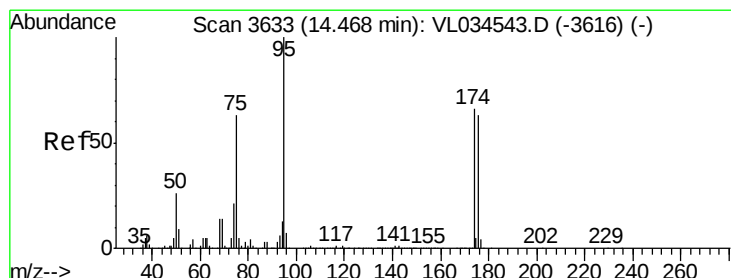
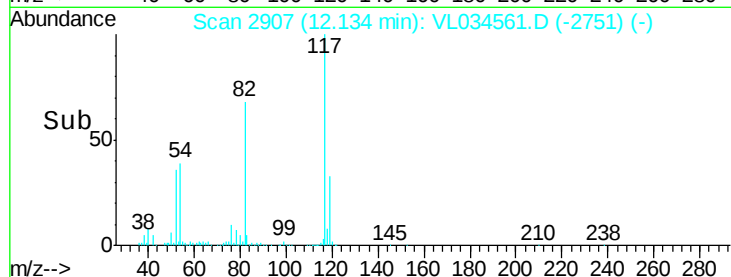
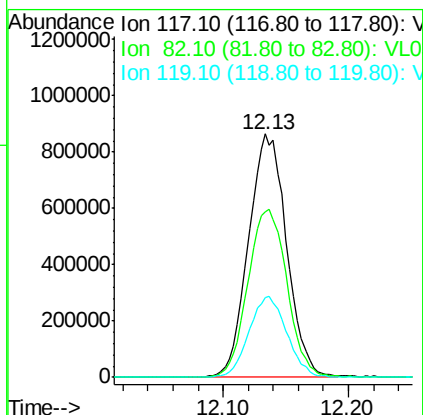
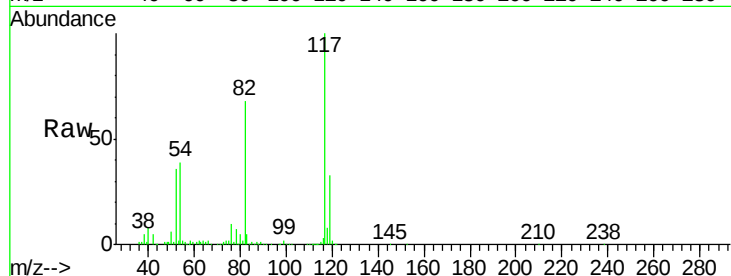




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.13 min Scan# 2907
Delta R.T. -0.00 min
Lab File: VL034561.D
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Tot Ion:117 Resp: 1825755
Ion Ratio Lower Upper
117 100
82 71.2 56.2 84.4
119 33.1 27.1 40.7



#68
1-Bromo-4-Fluorobenzene
Concen: 9.883 ppbv
RT: 14.47 min Scan# 3635
Delta R.T. 0.01 min
Lab File: VL034561.D
Acq: 27 Jan 2020 14:58

Tgt Ion: 95 Resp: 1505758
Ion Ratio Lower Upper
95 100
174 65.5 52.4 78.6
175 4.6 3.9 5.9

