

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL092920\
 Data File : VL035731.D
 Acq On : 29 Sep 2020 19:26
 Operator : SY/AP
 Sample : QC092320 CAN 10126
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC092320 CAN 10126

Quant Time: Sep 30 16:49:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Sep 23 07:38:05 2020
 QLast Update : Wed Sep 23 07:38:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1126073	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.20	114	4132142	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.12	117	4235745	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	3193437	10.06	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

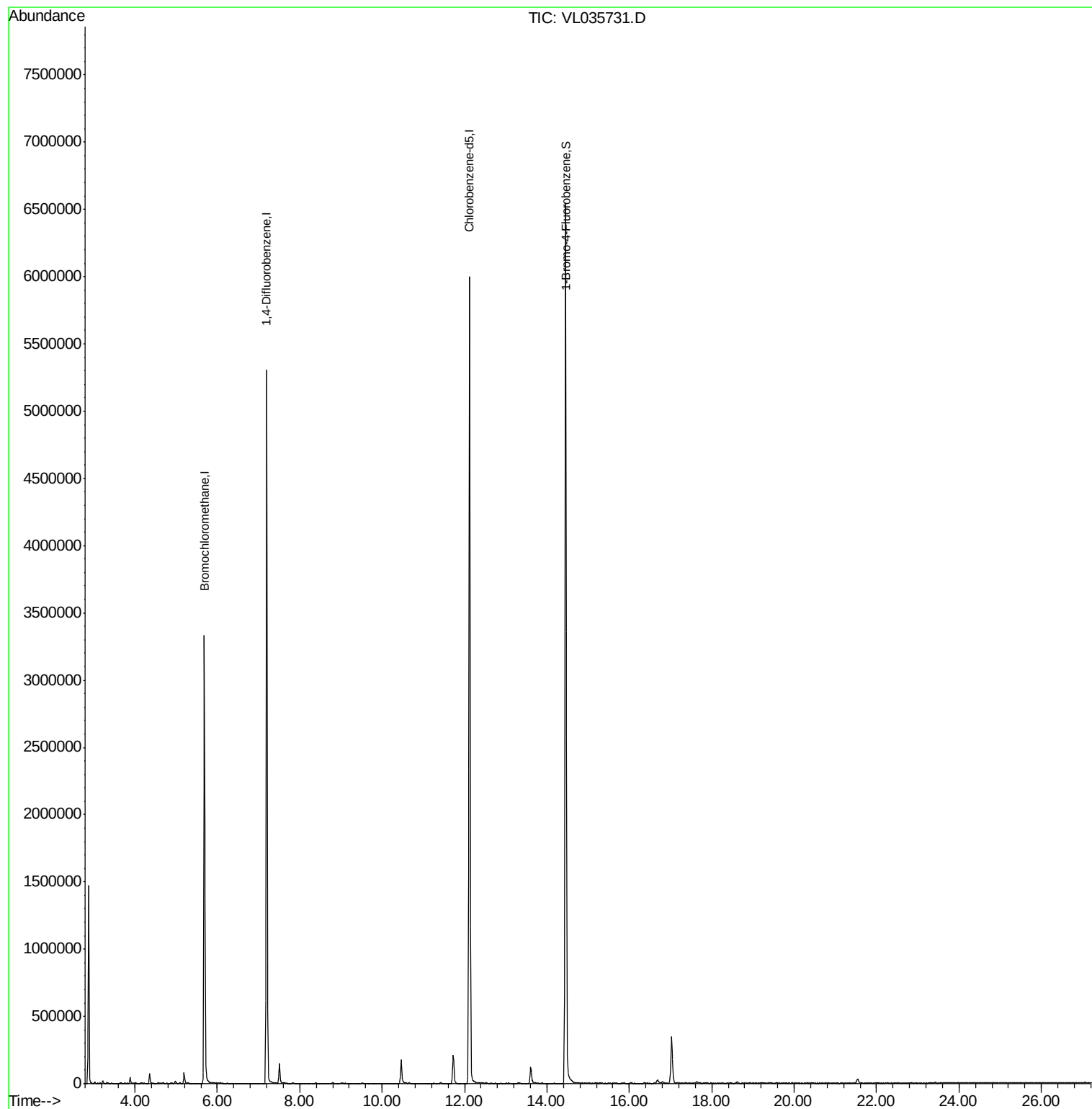
Target Compounds	Ovalue

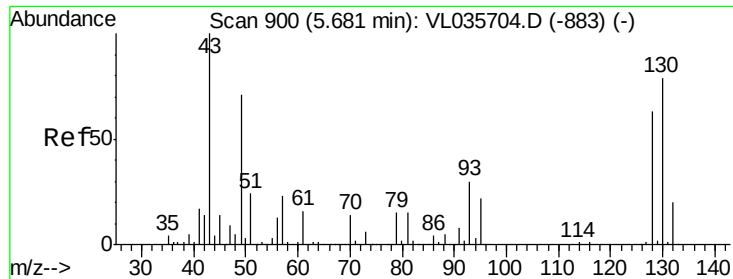
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_L
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL092320AIR.M
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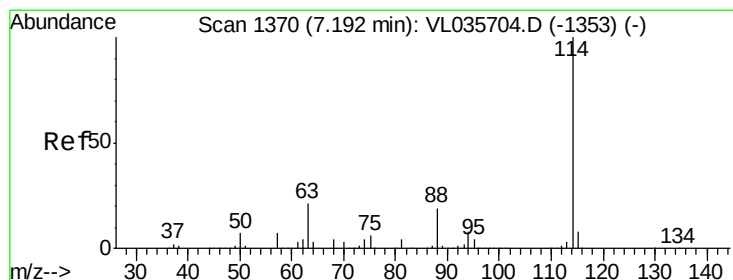
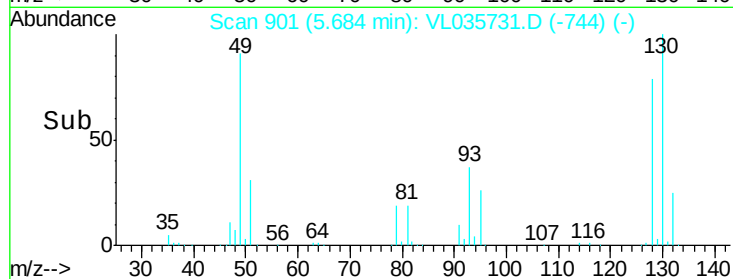
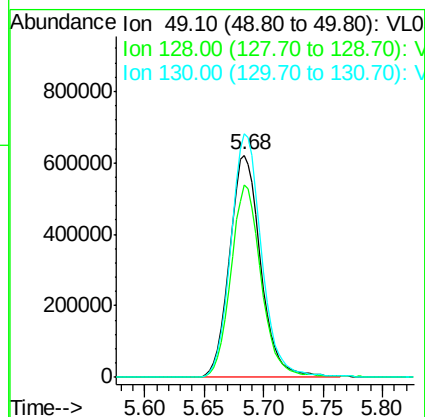
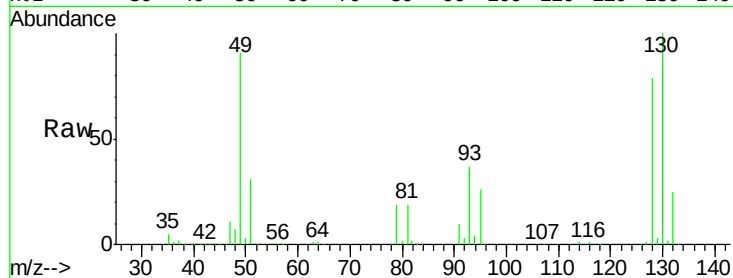




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.68 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: VL035731.D
 Acq: 29 Sep 2020 19:26

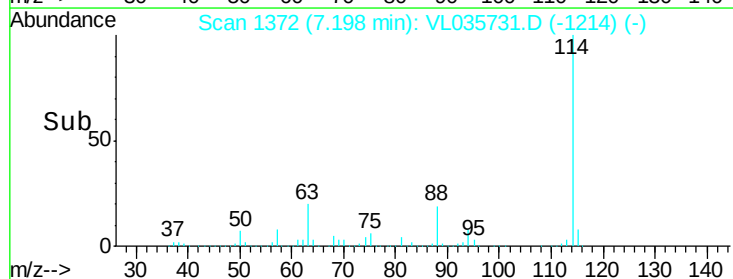
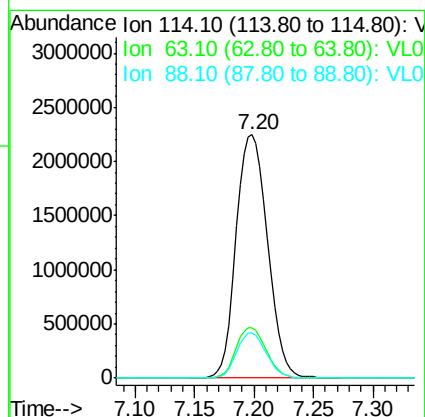
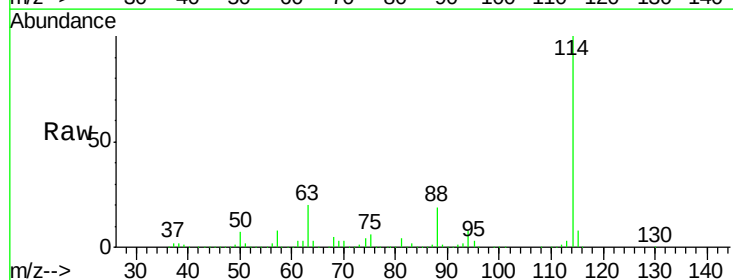
Instrument :
 MSVOA_L
 ClientSampleId :
 QC092320 CAN 10126

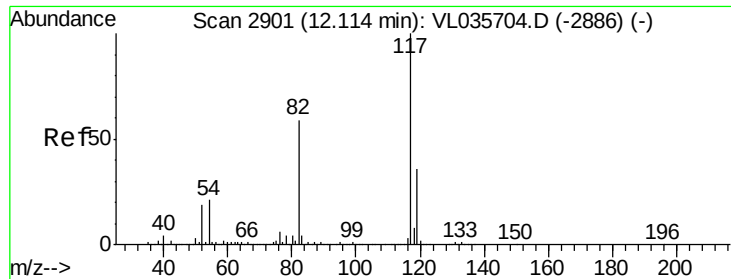
Tot Ion: 49 Resp: 1126073
 Ion Ratio Lower Upper
 49 100
 128 85.2 43.1 129.4
 130 109.2 54.9 164.7



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min Scan# 1372
 Delta R.T. 0.01 min
 Lab File: VL035731.D
 Acq: 29 Sep 2020 19:26

Tgt Ion: 114 Resp: 4132142
 Ion Ratio Lower Upper
 114 100
 63 20.0 16.1 24.1
 88 17.6 14.1 21.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.12 min Scan# 2903

Delta R.T. 0.01 min

Lab File: VL035731.D

Acq: 29 Sep 2020 19:26

Instrument :

MSVOA_L

ClientSampleId :

QC092320 CAN 10126

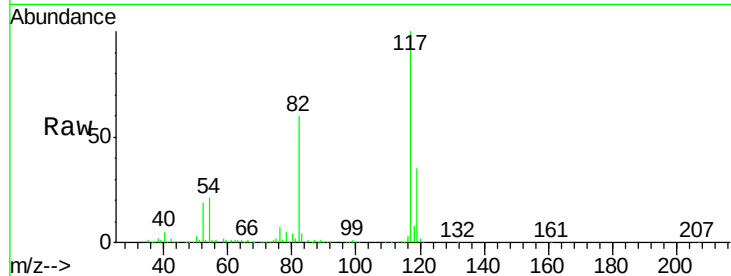
Tot Ion:117 Resp: 4235745

Ion Ratio Lower Upper

117 100

82 59.0 46.1 69.1

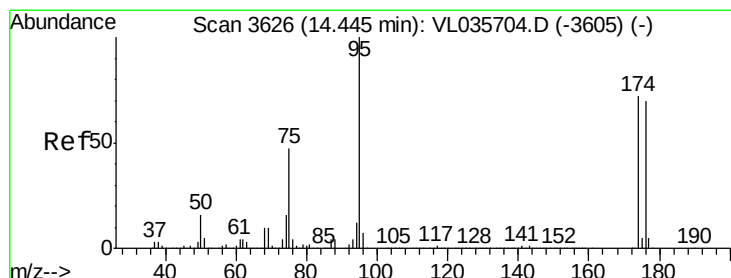
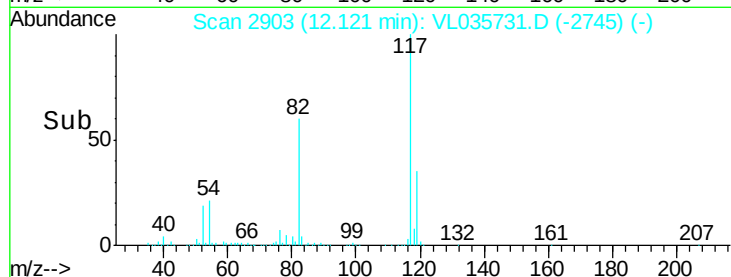
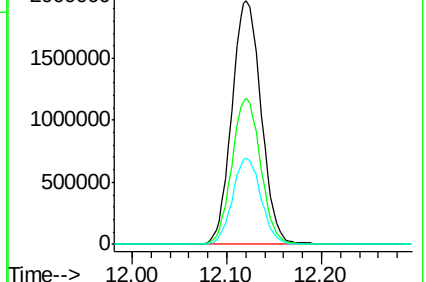
119 34.5 28.0 42.0



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: 10.061 ppbv

RT: 14.45 min Scan# 3628

Delta R.T. 0.01 min

Lab File: VL035731.D

Acq: 29 Sep 2020 19:26

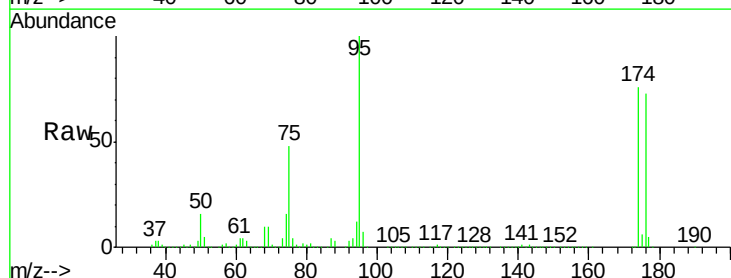
Tgt Ion: 95 Resp: 3193437

Ion Ratio Lower Upper

95 100

174 77.4 59.6 89.4

175 5.7 4.2 6.4



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

