

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070620\
 Data File : VL035147.D
 Acq On : 6 Jul 2020 14:22
 Operator : SY/AP
 Sample : QC062420 CAN 10197
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC062420 CAN 10197

Quant Time: Jul 07 09:06:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Sat Jun 20 02:10:36 2020
 QLast Update : Sat Jun 20 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1057110	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2508219	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2332073	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2034574	10.50	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.00%

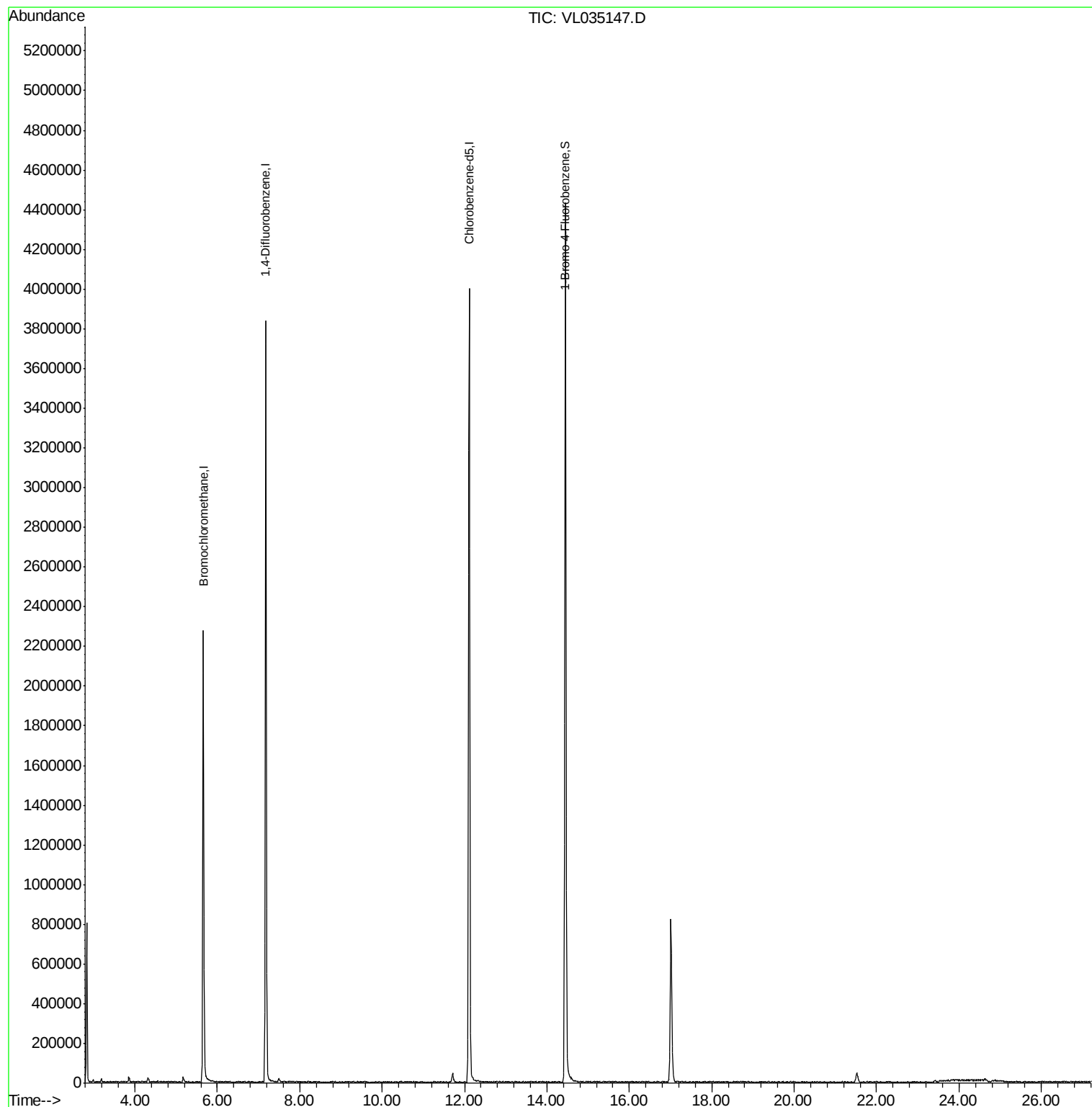
Target Compounds	Ovalue

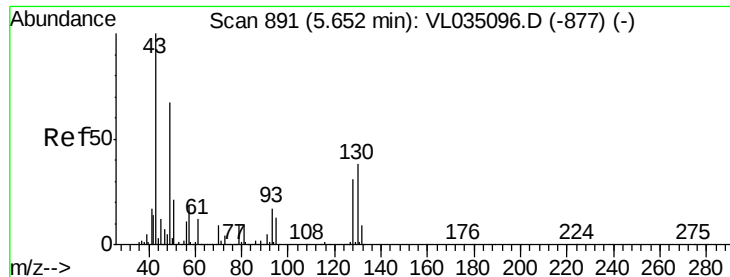
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_L
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. 0.00 min

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Instrument :

MSVOA_L

ClientSampleId :

QC062420 CAN 10197

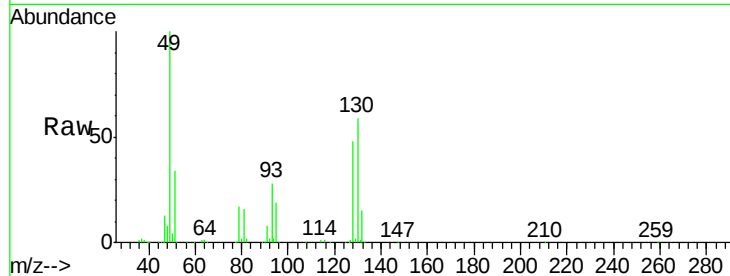
Tot Ion: 49 Resp: 1057110

Ion Ratio Lower Upper

49 100

128 49.0 22.9 68.5

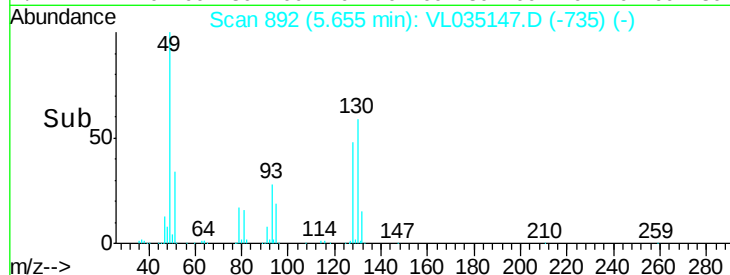
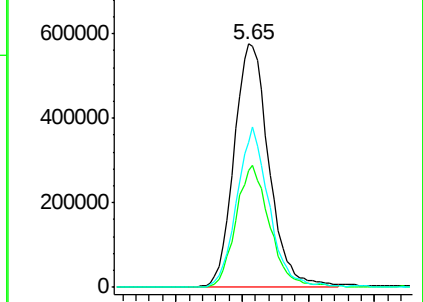
130 61.1 29.0 87.0



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: 7.18 min Scan# 1365

Delta R.T. 0.00 min

Lab File: VL035147.D

Acq: 6 Jul 2020 14:22

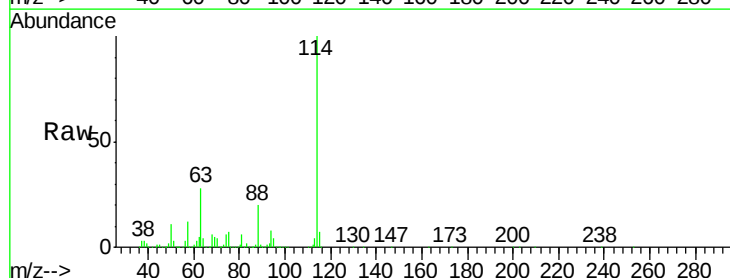
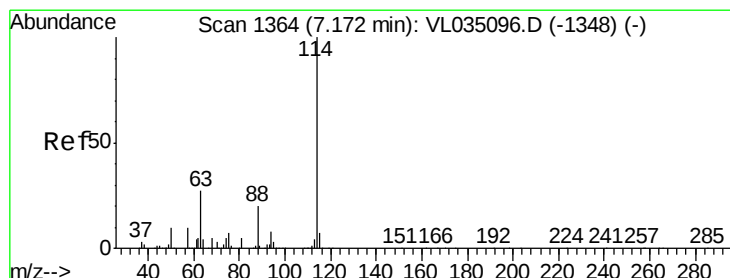
Tgt Ion: 114 Resp: 2508219

Ion Ratio Lower Upper

114 100

63 28.0 21.9 32.9

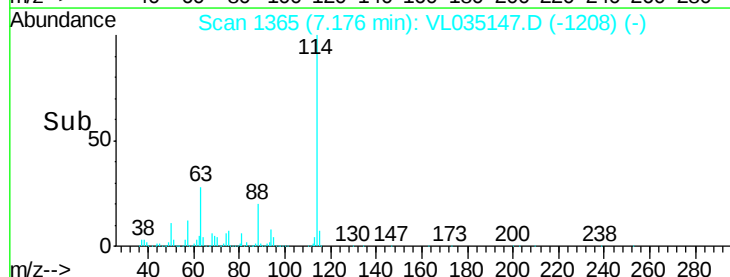
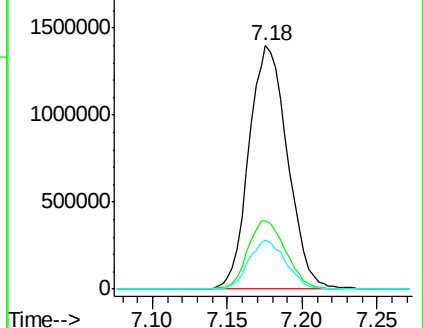
88 19.4 15.6 23.4

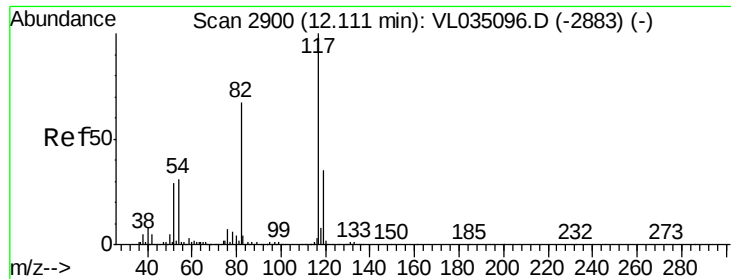


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

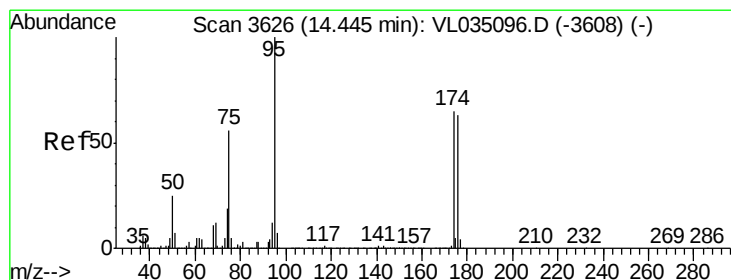
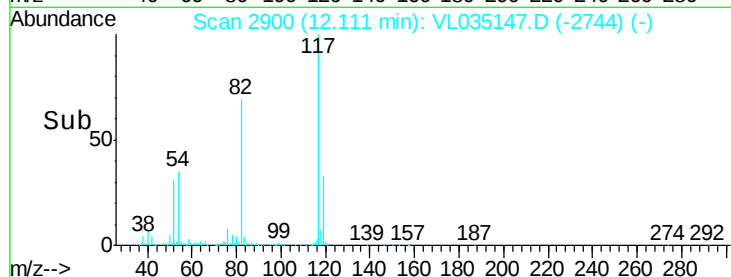
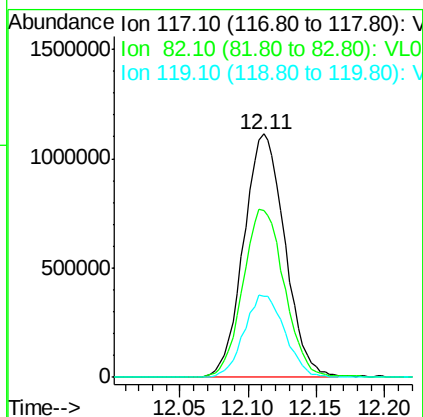
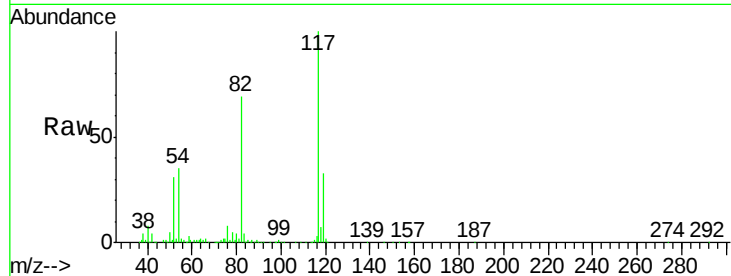




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
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Tot Ion:117 Resp: 2332073
Ion Ratio Lower Upper
117 100
82 70.0 50.4 75.6
119 33.8 25.4 38.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.502 ppbv
RT: 14.45 min Scan# 3627
Delta R.T. 0.00 min
Lab File: VL035147.D
Acq: 6 Jul 2020 14:22

Tgt Ion: 95 Resp: 2034574
Ion Ratio Lower Upper
95 100
174 64.5 52.2 78.2
175 4.8 4.0 6.0

