

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120720\
 Data File : VL036077.D
 Acq On : 7 Dec 2020 23:07
 Operator : SY/AP
 Sample : OC120320 CAN 10608
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC120320 CAN 10608

Quant Time: Dec 08 13:45:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1240822	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2803891	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2500278	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2036452	10.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

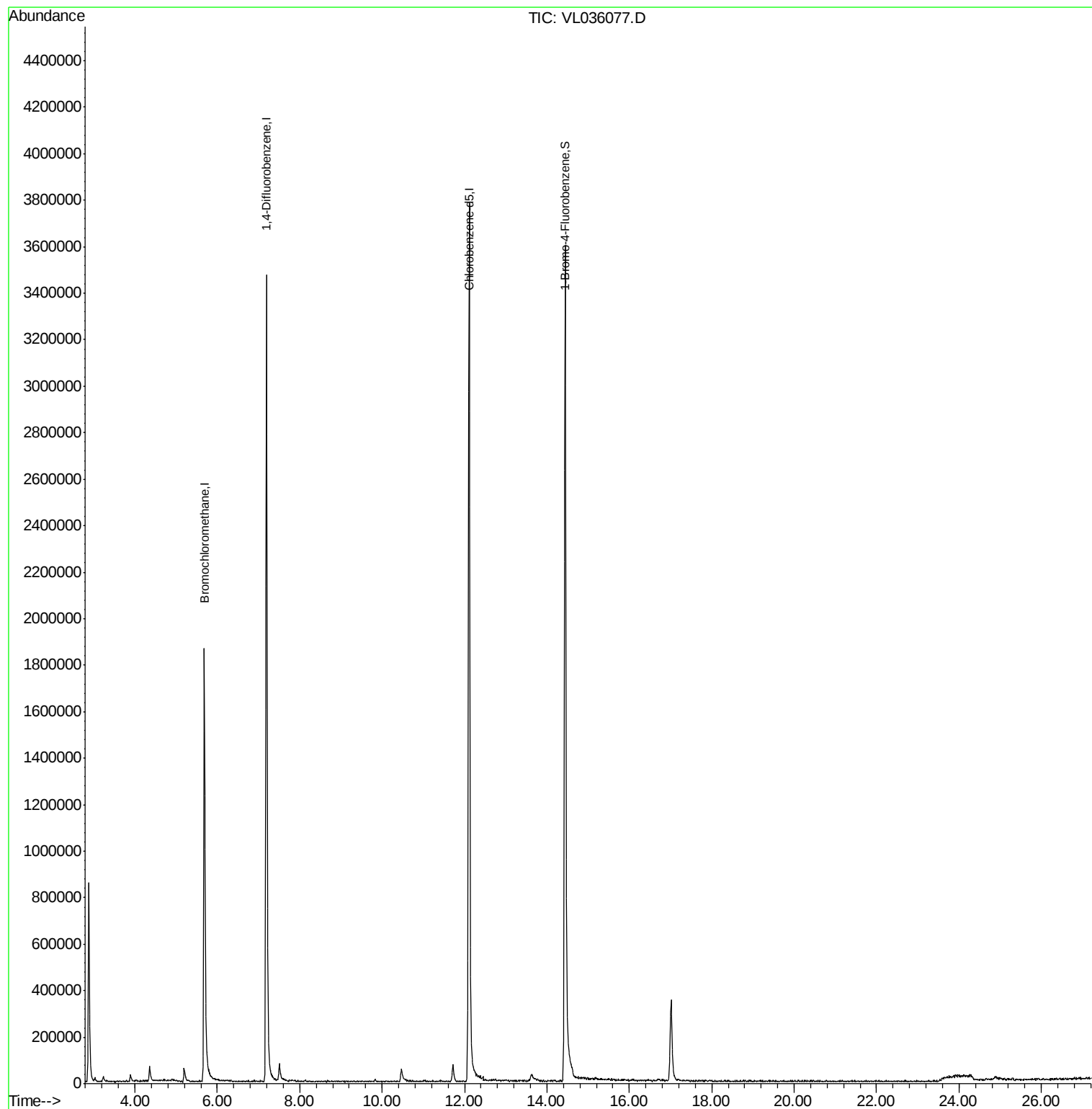
Target Compounds	Ovalue

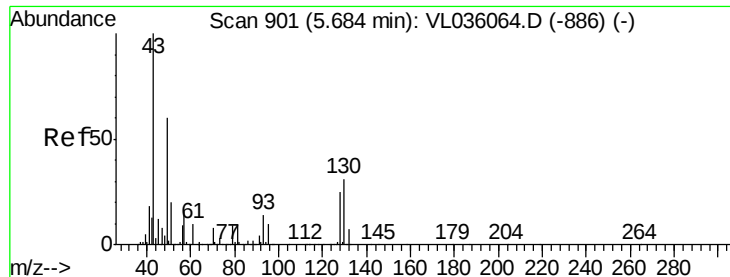
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Dec 07 16:56:49 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 901

Delta R.T. 0.00 min

Lab File: VL036077.D

Acq: 7 Dec 2020 23:07

Instrument :

MSVOA_L

ClientSampleId :

QC120320 CAN 10608

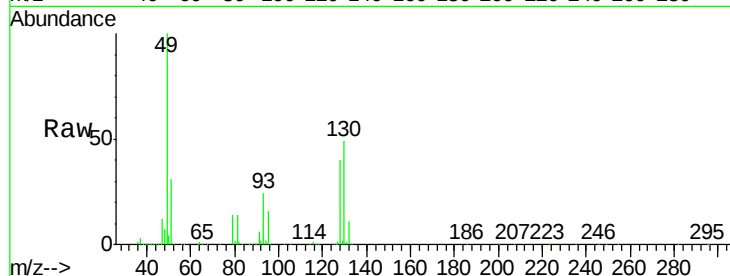
Tot Ion: 49 Resp: 1240822

Ion Ratio Lower Upper

49 100

128 40.9 21.1 63.1

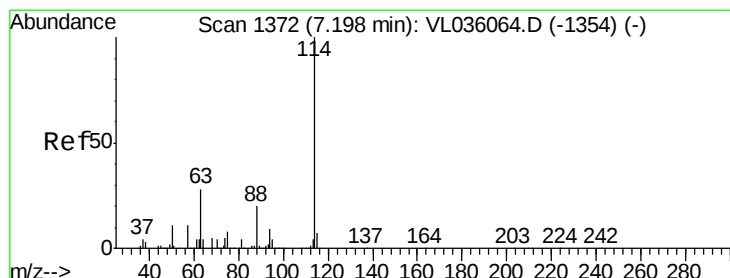
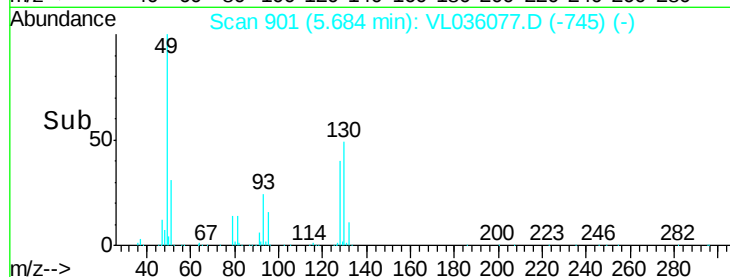
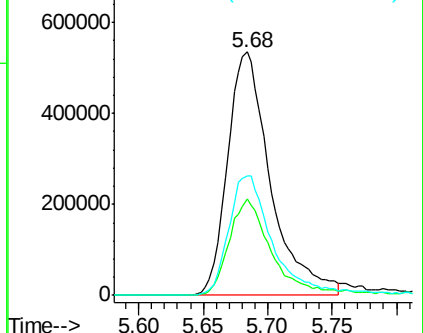
130 51.3 27.1 81.3



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: 7.19 min Scan# 1370

Delta R.T. -0.01 min

Lab File: VL036077.D

Acq: 7 Dec 2020 23:07

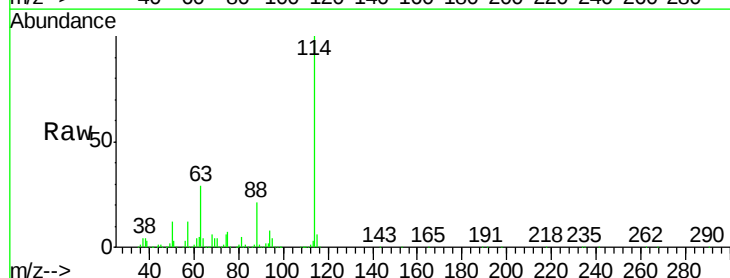
Tgt Ion: 114 Resp: 2803891

Ion Ratio Lower Upper

114 100

63 29.7 23.6 35.4

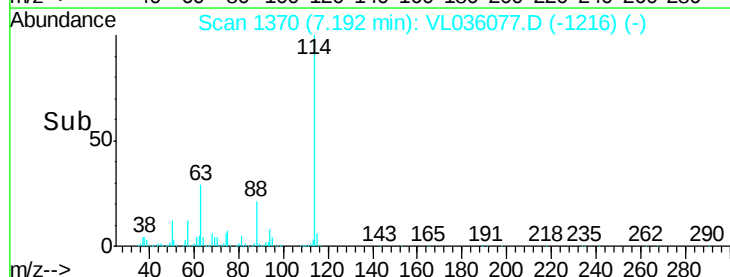
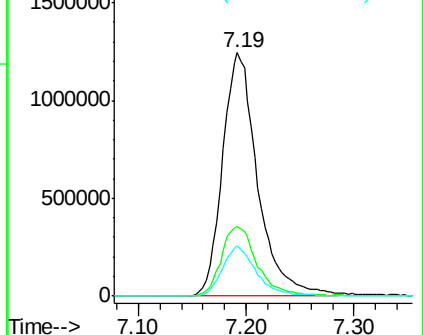
88 20.3 15.8 23.6

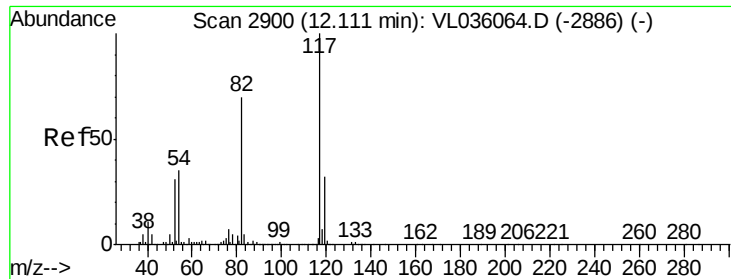


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

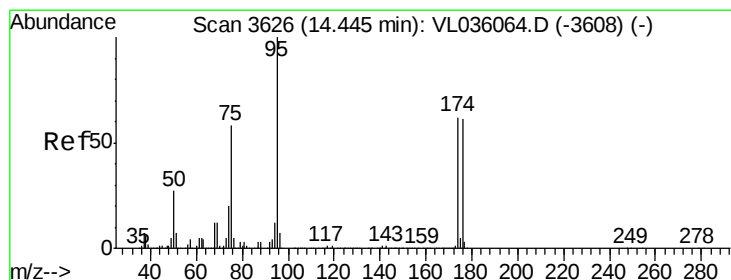
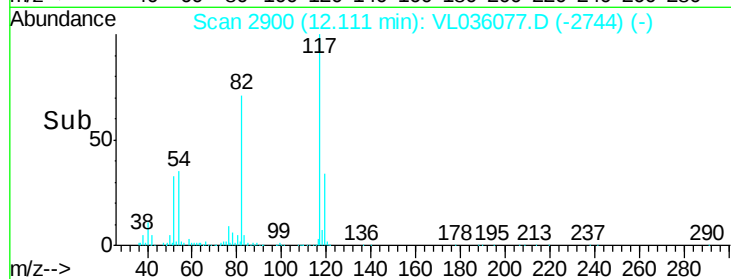
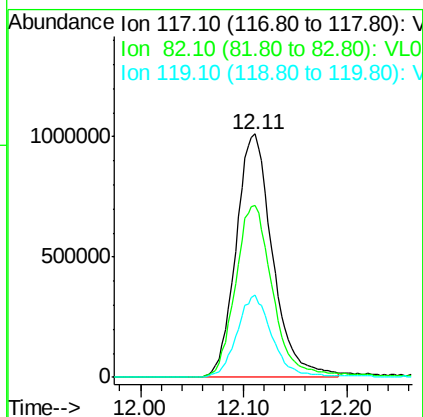
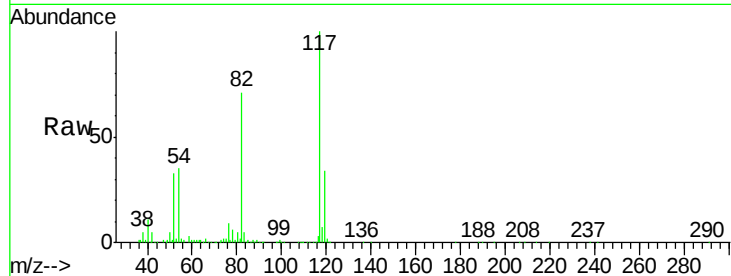




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2900
Delta R.T. 0.00 min
Lab File: VL036077.D
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Tot Ion:117 Resp: 2500278
Ion Ratio Lower Upper
117 100
82 72.9 0.0 0.0#
119 33.2 0.0 0.0#



#68
1-Bromo-4-Fluorobenzene
Concen: 10.257 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.00 min
Lab File: VL036077.D
Acq: 7 Dec 2020 23:07

Tgt Ion: 95 Resp: 2036452
Ion Ratio Lower Upper
95 100
174 62.0 50.7 76.1
175 4.5 4.0 6.0

