

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120720\
 Data File : VL036078.D
 Acq On : 7 Dec 2020 23:47
 Operator : SY/AP
 Sample : OC120120 CAN 10258
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC120120 CAN 10258

Quant Time: Dec 08 13:45:28 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	1230249	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2814969	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2472165	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1958785	9.98	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.80%

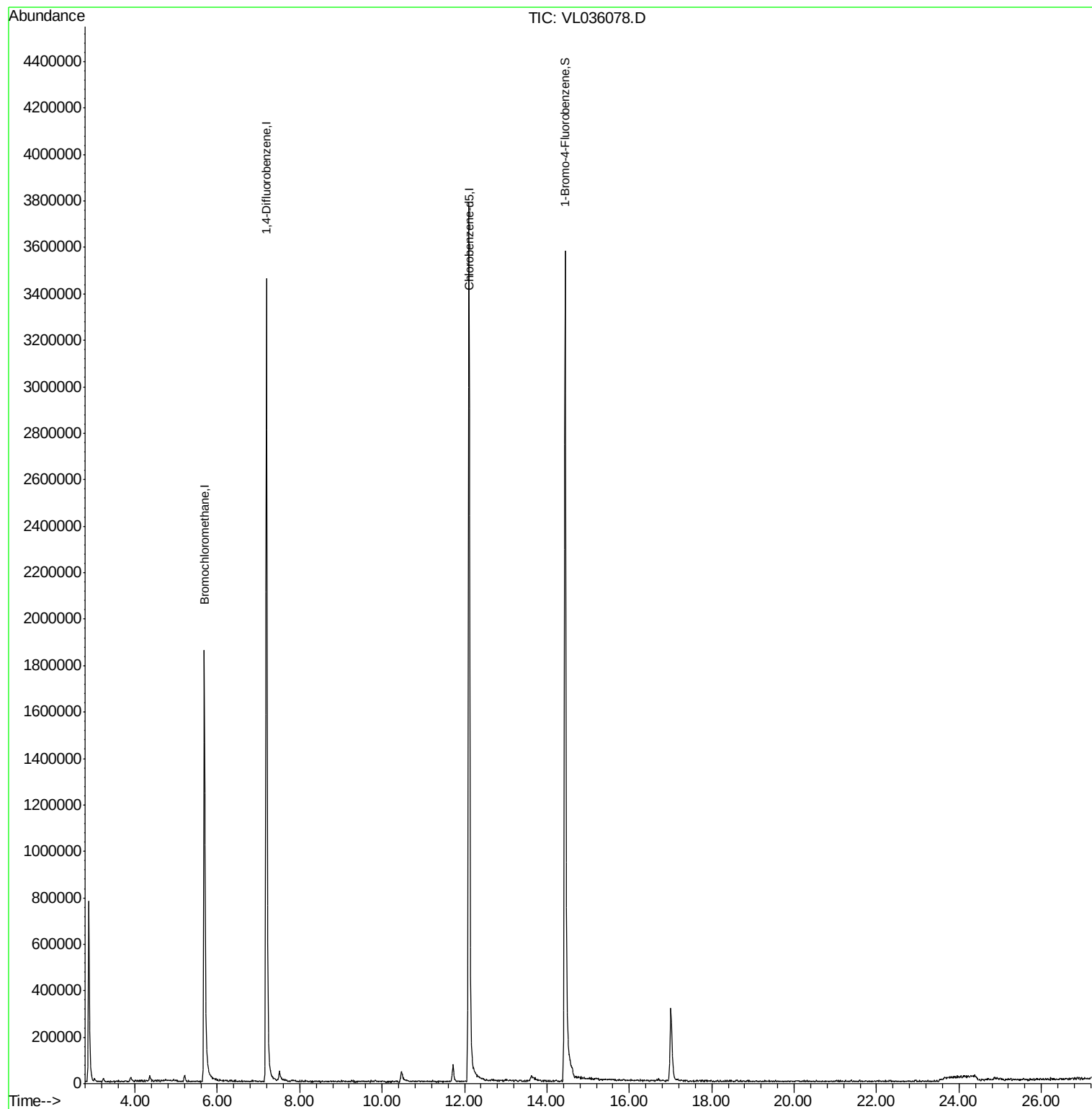
Target Compounds	Ovalue

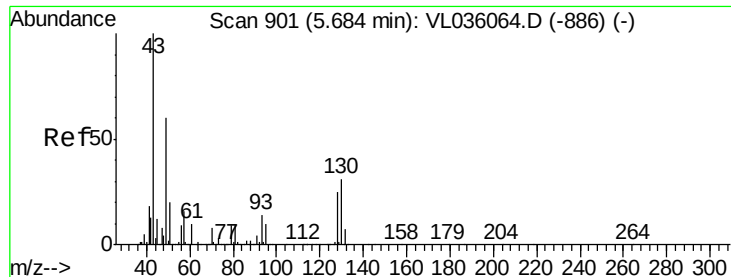
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA L\DATA\VL120720\
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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

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Instrument :

MSVOA_L

ClientSampleId :

QC120120 CAN 10258

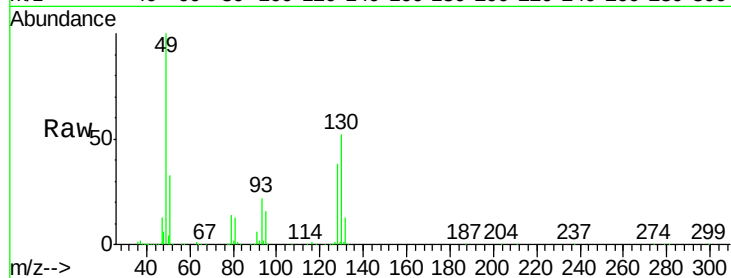
Tot Ion: 49 Resp: 1230249

Ion Ratio Lower Upper

49 100

128 41.9 21.1 63.1

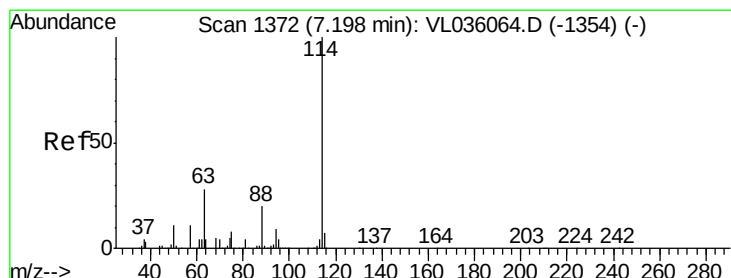
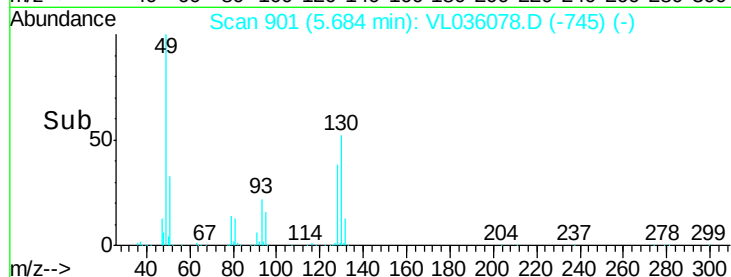
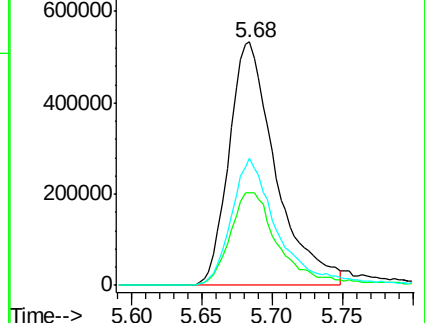
130 53.3 27.1 81.3



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: VL036078.D

Acq: 7 Dec 2020 23:47

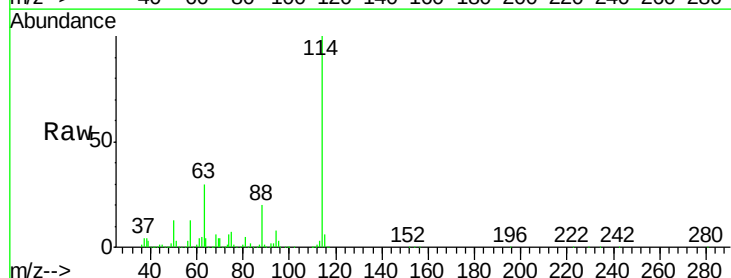
Tgt Ion: 114 Resp: 2814969

Ion Ratio Lower Upper

114 100

63 29.6 23.6 35.4

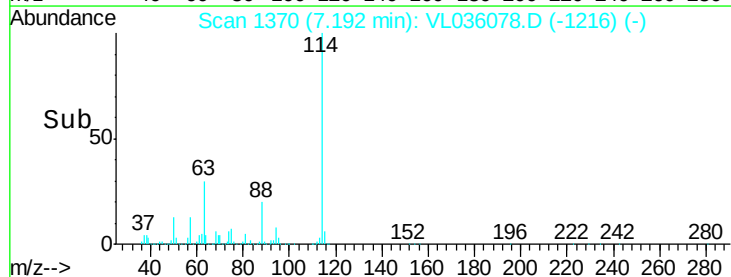
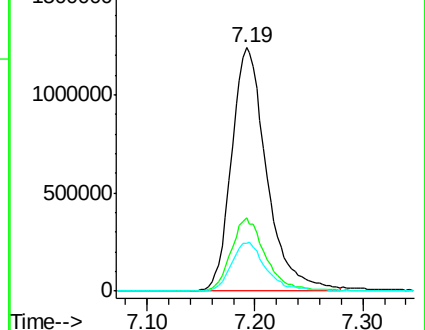
88 20.2 15.8 23.6

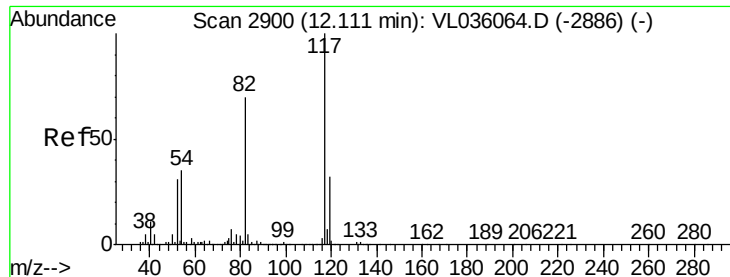


Abundance Ion 114.10 (113.80 to 114.80): VL0

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# 2899

Delta R.T. -0.00 min

Lab File: VL036078.D

Acq: 7 Dec 2020 23:47

Instrument :

MSVOA_L

ClientSampleId :

QC120120 CAN 10258

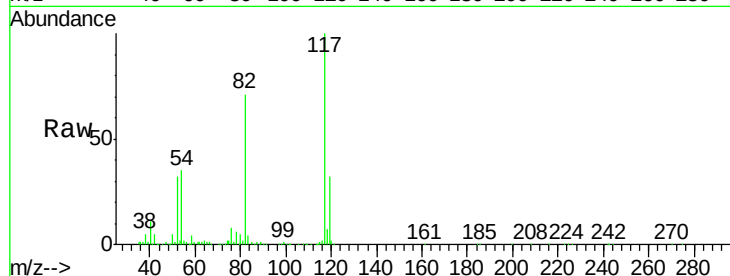
Tot Ion:117 Resp: 2472165

Ion Ratio Lower Upper

117 100

82 73.8 0.0 0.0#

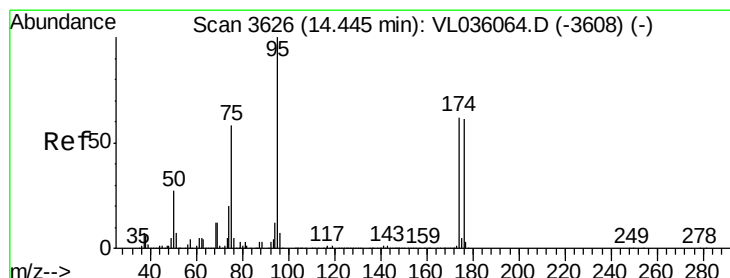
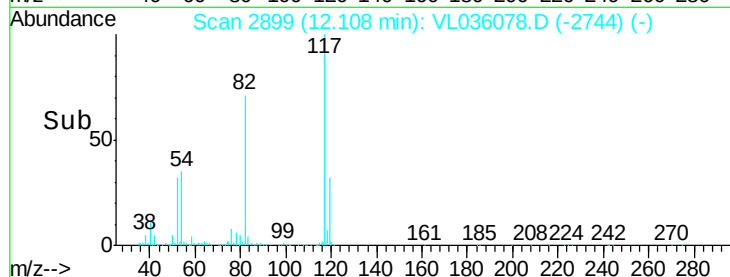
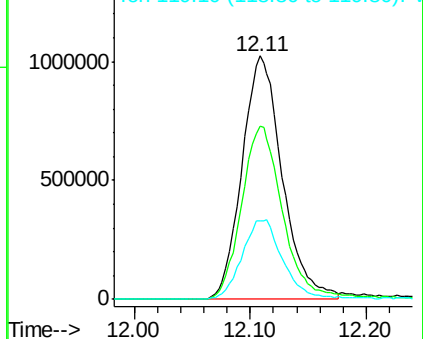
119 33.6 0.0 0.0#



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: 9.978 ppbv

RT: 14.44 min Scan# 3624

Delta R.T. -0.01 min

Lab File: VL036078.D

Acq: 7 Dec 2020 23:47

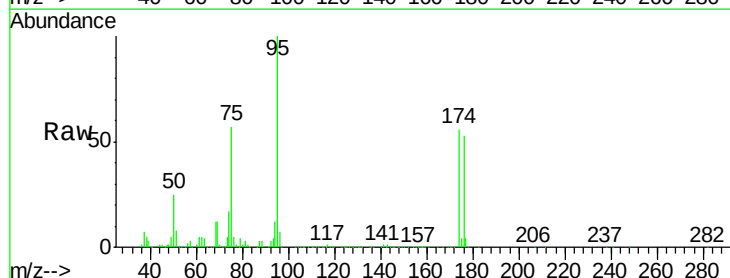
Tgt Ion: 95 Resp: 1958785

Ion Ratio Lower Upper

95 100

174 65.0 50.7 76.1

175 4.9 4.0 6.0



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

