

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040221\
 Data File : VL036646.D
 Acq On : 2 Apr 2021 15:47
 Operator : SY/AP
 Sample : QC040121 CAN 10800
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC040121 CAN 10800

Quant Time: Apr 05 14:14:49 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 09:42:40 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1323823	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	3664230	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	3172342	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2408555	9.53	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.30%

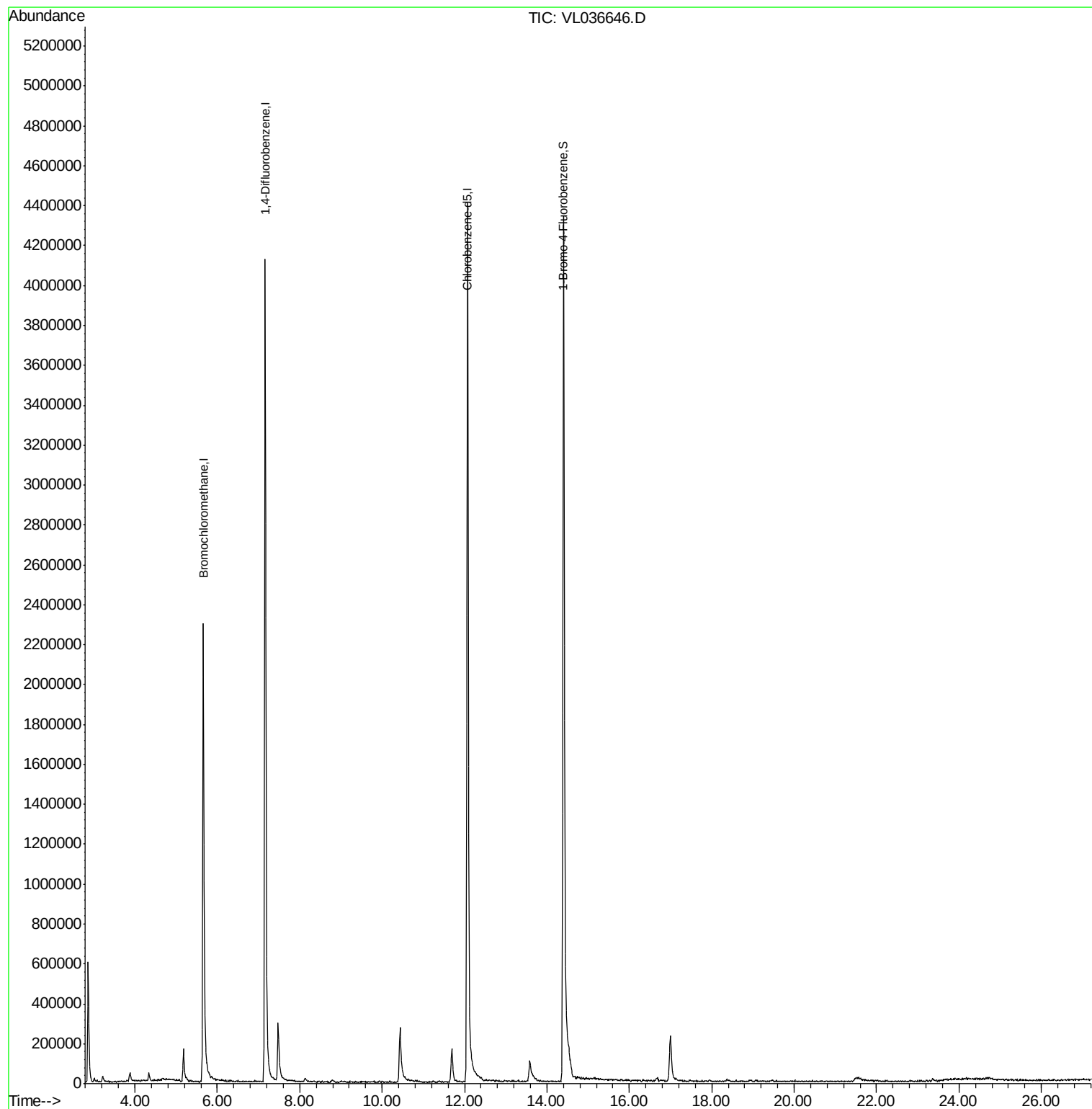
Target Compounds	Ovalue

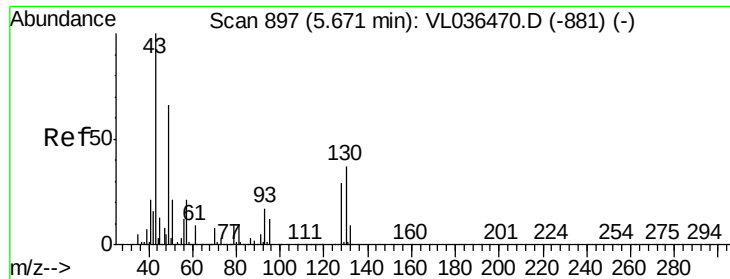
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC040121 CAN 10800

Quant Time: Apr 05 14:14:49 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
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QLast Update : Thu Mar 25 09:42:40 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 893

Delta R.T. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

QC040121 CAN 10800

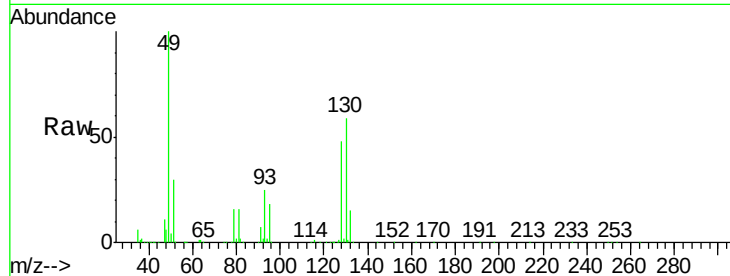
Tot Ion: 49 Resp: 1323823

Ion Ratio Lower Upper

49 100

128 52.4 23.5 70.6

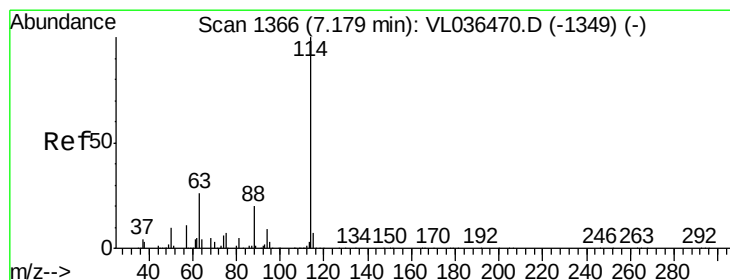
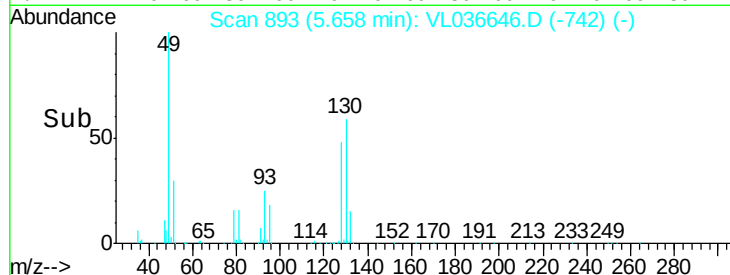
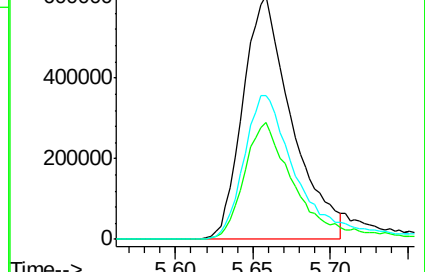
130 67.4 29.1 87.4



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: 7.16 min Scan# 1361

Delta R.T. -0.02 min

Lab File: VL036646.D

Acq: 2 Apr 2021 15:47

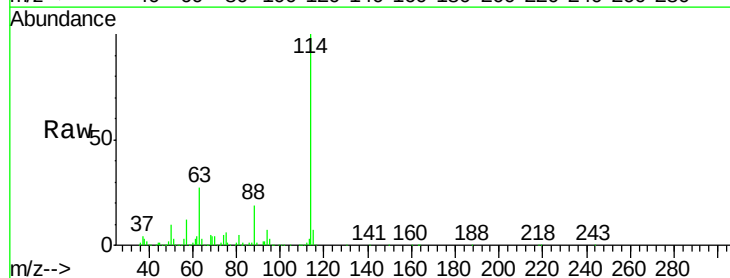
Tgt Ion: 114 Resp: 3664230

Ion Ratio Lower Upper

114 100

63 26.6 22.4 33.6

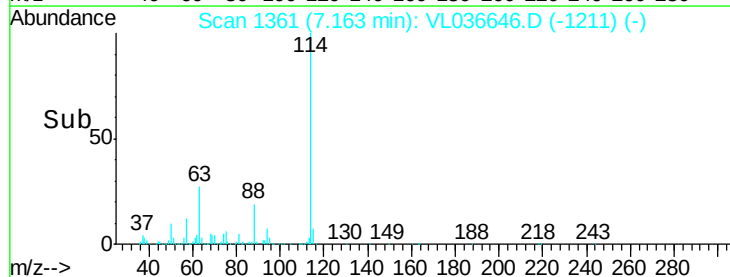
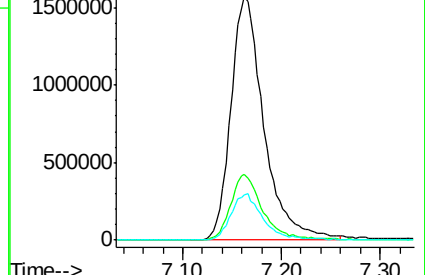
88 18.9 15.4 23.0

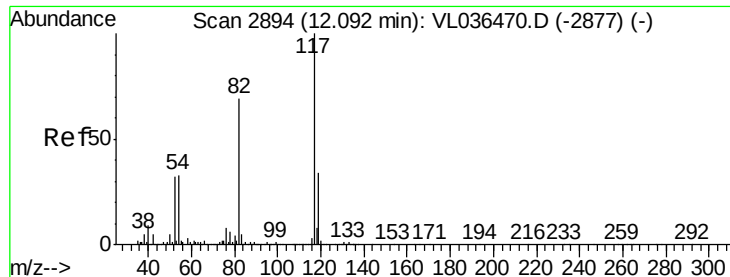


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

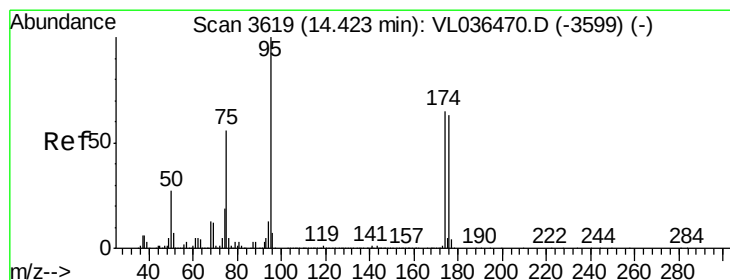
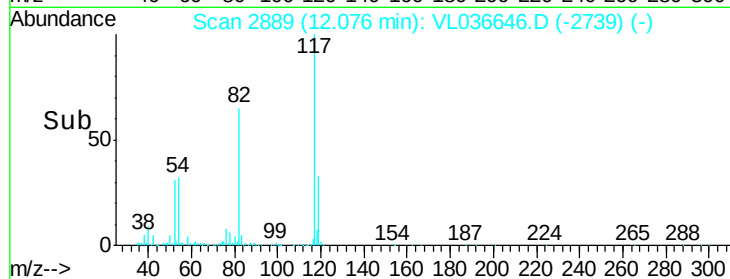
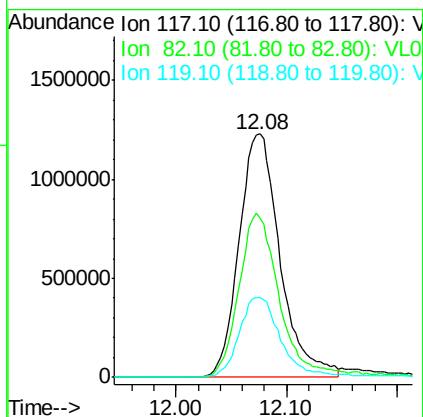
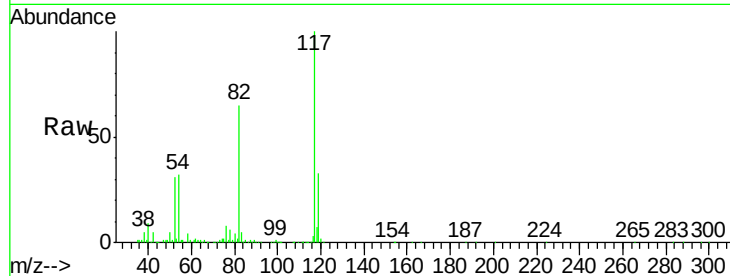




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2889
Delta R.T. -0.02 min
Lab File: VL036646.D
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Instrument :
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Tot Ion:117 Resp: 3172342
Ion Ratio Lower Upper
117 100
82 69.9 57.4 86.0
119 34.8 47.4 71.0#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.526 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. -0.02 min
Lab File: VL036646.D
Acq: 2 Apr 2021 15:47

Tgt Ion: 95 Resp: 2408555
Ion Ratio Lower Upper
95 100
174 77.1 51.0 76.6#
175 5.8 3.9 5.9

