

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040921\
 Data File : VL036782.D
 Acq On : 9 Apr 2021 20:06
 Operator : SY/AP
 Sample : QC040921 CAN 10058
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC040921 CAN 10058

Quant Time: Apr 10 11:50:04 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	5.65	49	1336546	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3172597	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	2517639	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1628970	8.12	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	81.20%

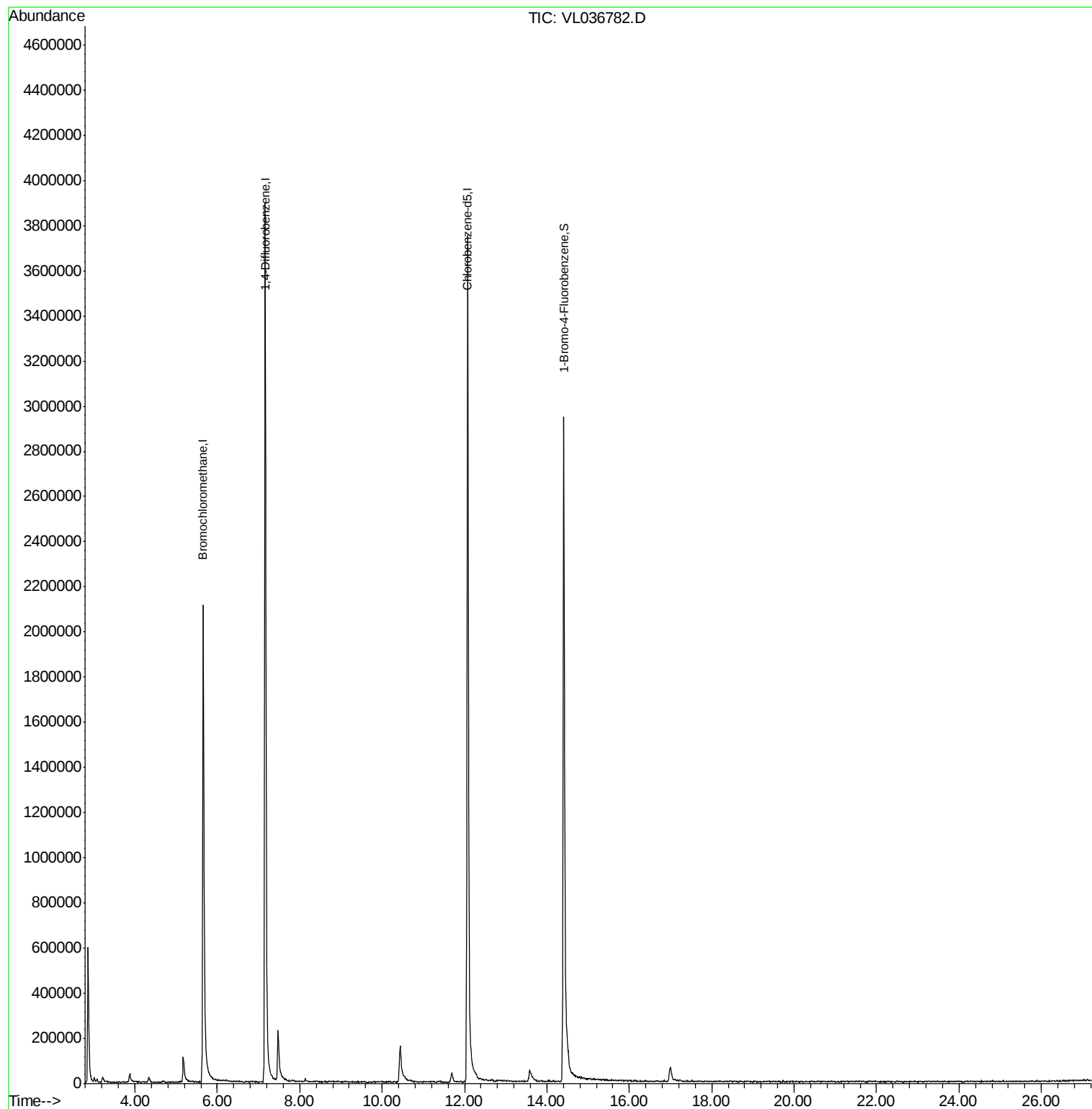
Target Compounds	Ovalue

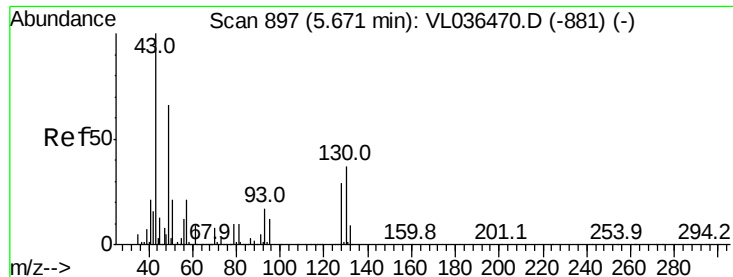
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.02 min

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MSVOA_L

ClientSampleId :

QC040921 CAN 10058

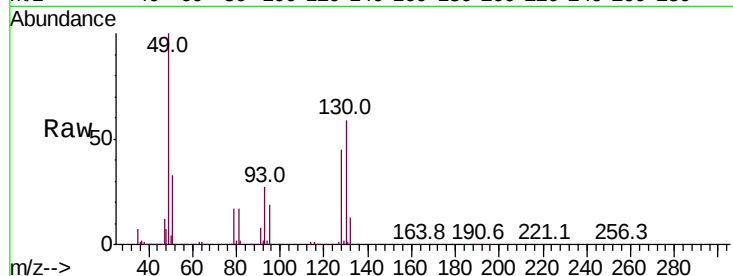
Tot Ion: 49 Resp: 1336546

Ion Ratio Lower Upper

49 100

128 45.0 23.5 70.6

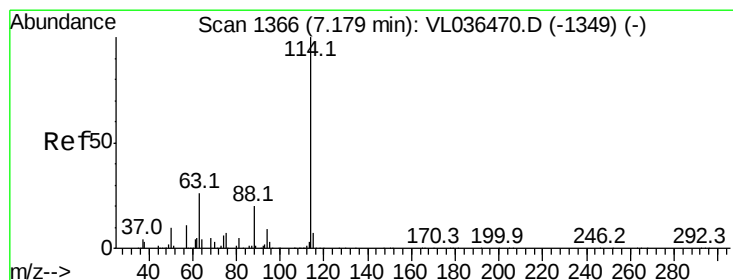
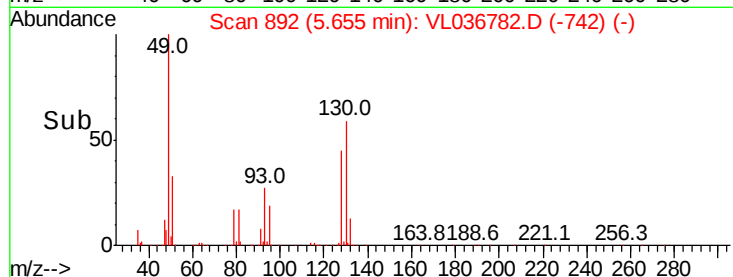
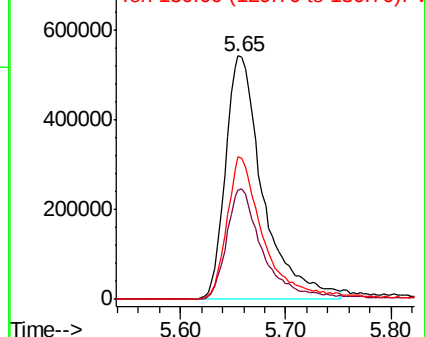
130 59.5 29.1 87.4



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: VL036782.D

Acq: 9 Apr 2021 20:06

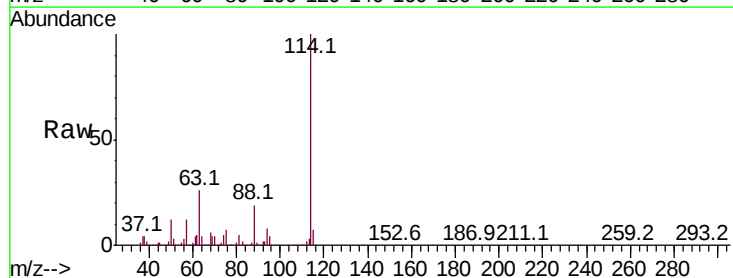
Tgt Ion: 114 Resp: 3172597

Ion Ratio Lower Upper

114 100

63 27.2 22.4 33.6

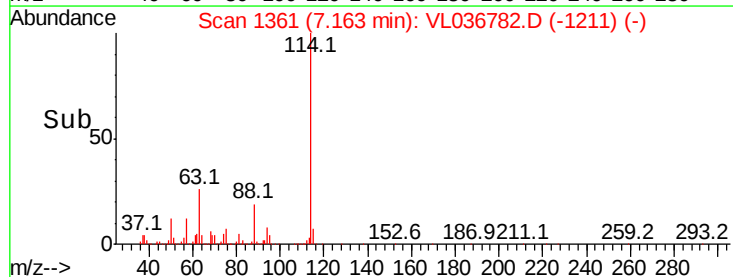
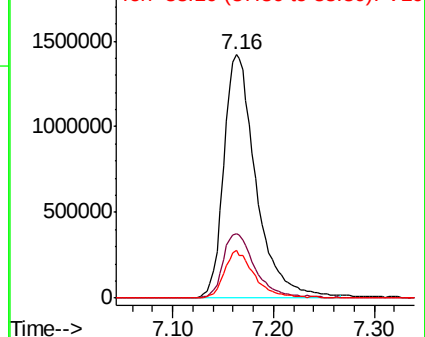
88 18.5 15.4 23.0

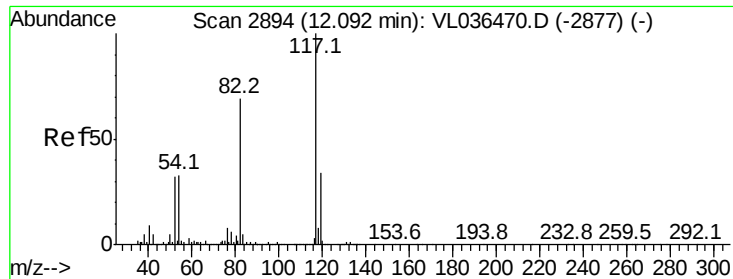


Abundance Ion 114.10 (113.80 to 114.80): VL0

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

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Instrument :

MSVOA_L

ClientSampleId :

QC040921 CAN 10058

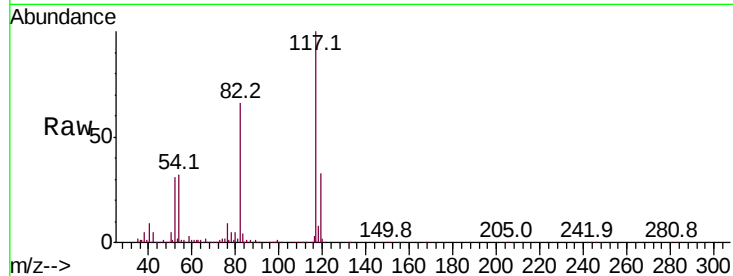
Tot Ion:117 Resp: 2517639

Ion Ratio Lower Upper

117 100

82 69.2 57.4 86.0

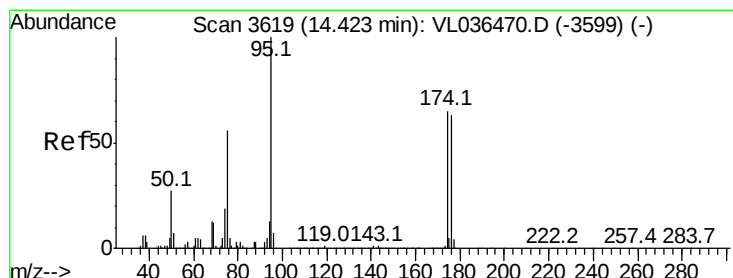
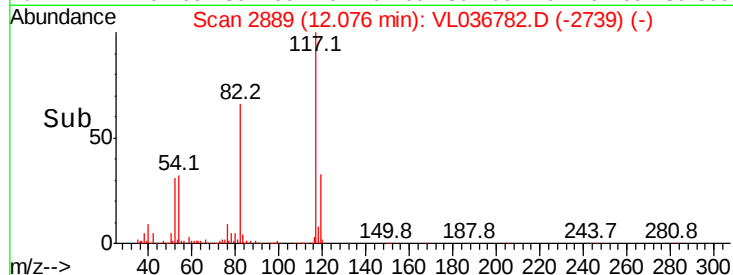
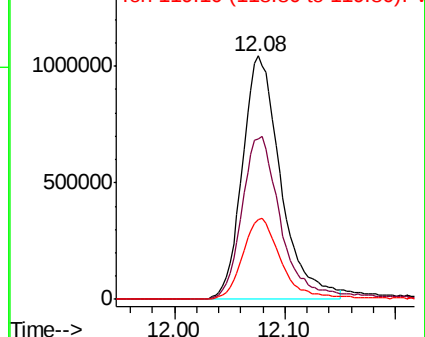
119 34.1 47.4 71.0#



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: 8.118 ppbv

RT: 14.41 min Scan# 3614

Delta R.T. -0.02 min

Lab File: VL036782.D

Acq: 9 Apr 2021 20:06

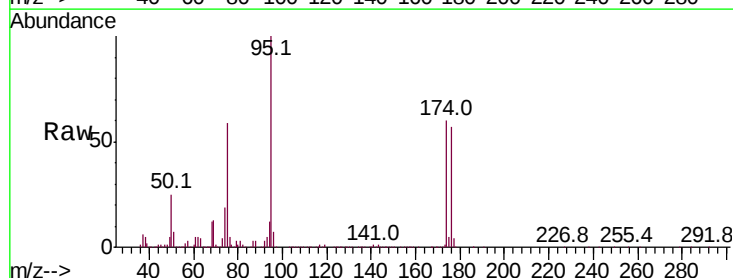
Tgt Ion: 95 Resp: 1628970

Ion Ratio Lower Upper

95 100

174 65.9 51.0 76.6

175 4.6 3.9 5.9



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

