

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111020\
 Data File : VL035897.D
 Acq On : 10 Nov 2020 20:30
 Operator : SY/AP
 Sample : OC111020 CAN 10279
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC111020 CAN 10279

Quant Time: Nov 11 09:37:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Nov 04 02:40:06 2020
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1072479	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	3875168	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.08	117	3767705	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2754493	10.29	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.90%

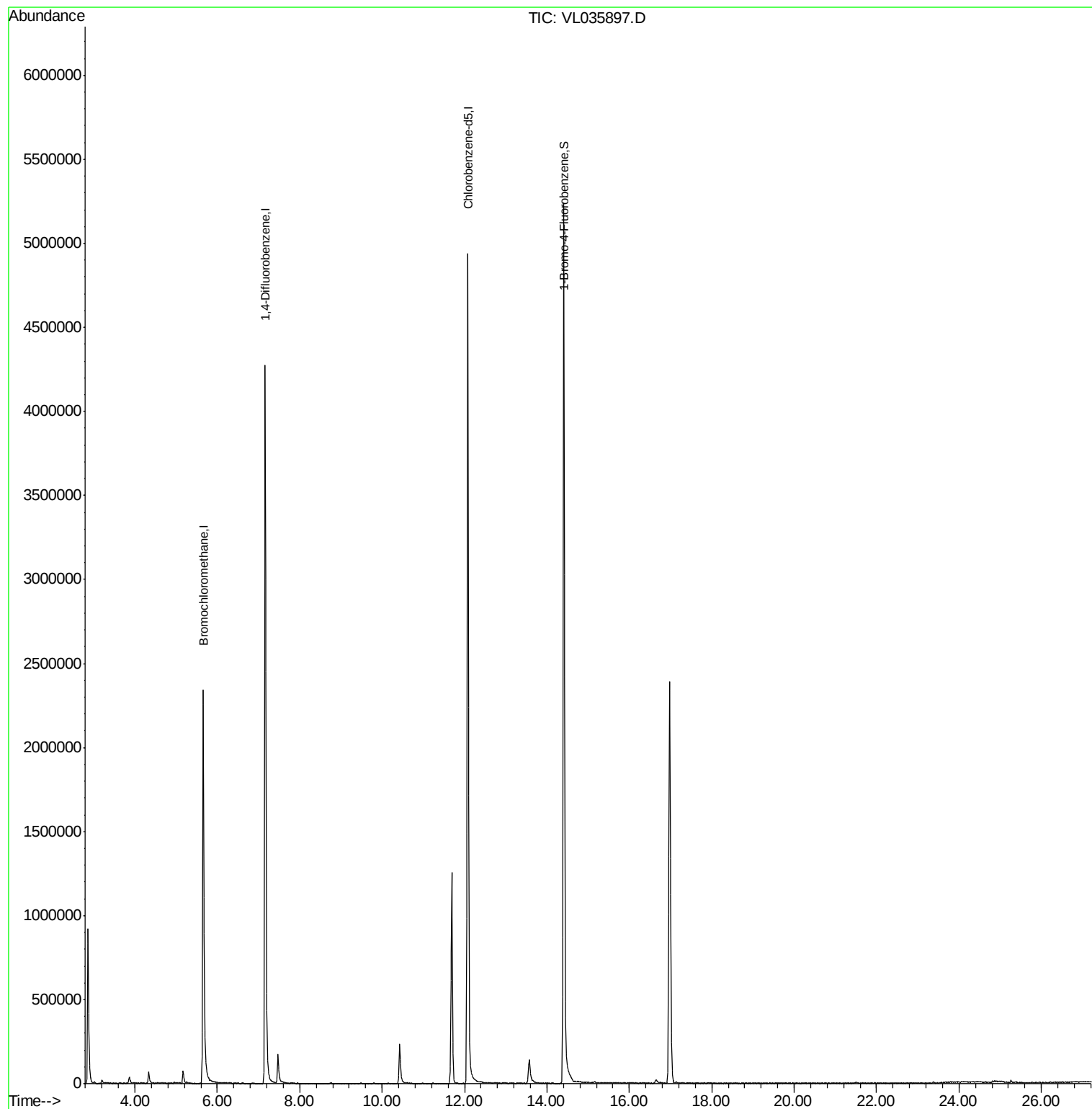
Target Compounds	Ovalue

(#) = 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. -0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

QC111020 CAN 10279

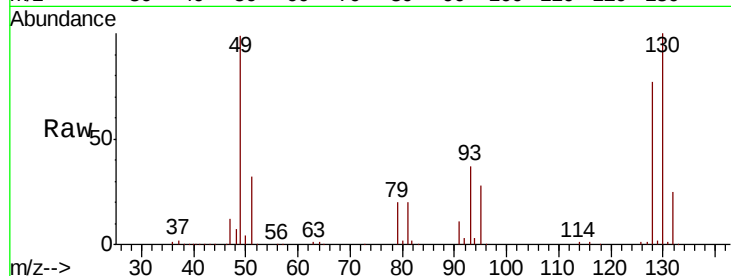
Tot Ion: 49 Resp: 1072479

Ion Ratio Lower Upper

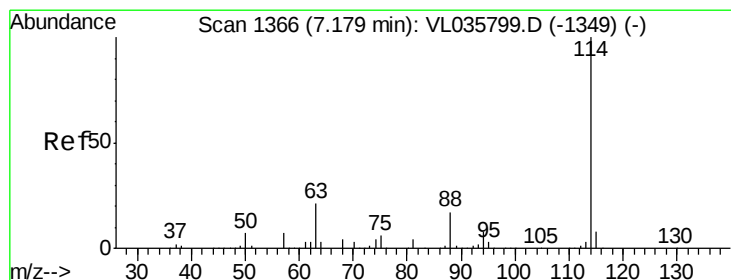
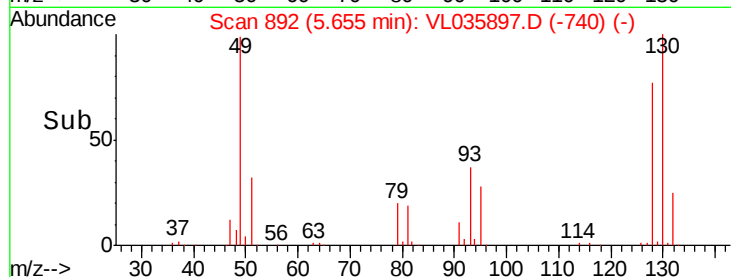
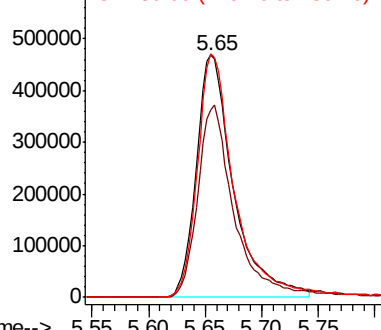
49 100

128 79.9 41.5 124.6

130 102.1 53.7 161.1



Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1361

Delta R.T. -0.02 min

Lab File: VL035897.D

Acq: 10 Nov 2020 20:30

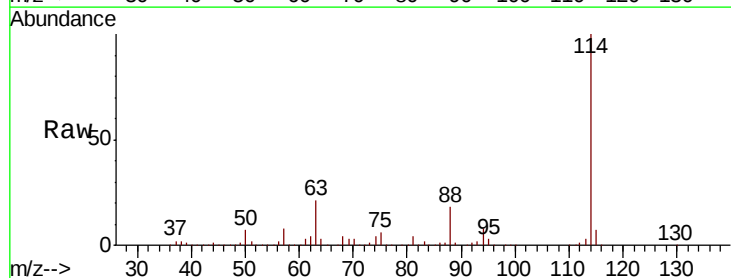
Tgt Ion: 114 Resp: 3875168

Ion Ratio Lower Upper

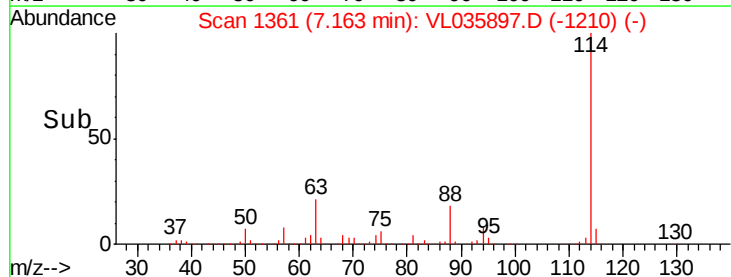
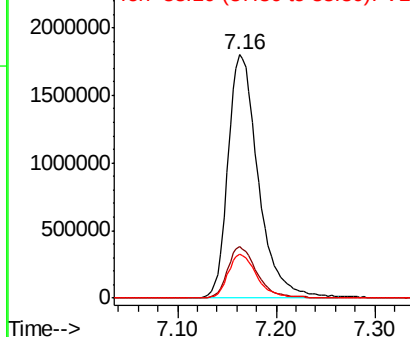
114 100

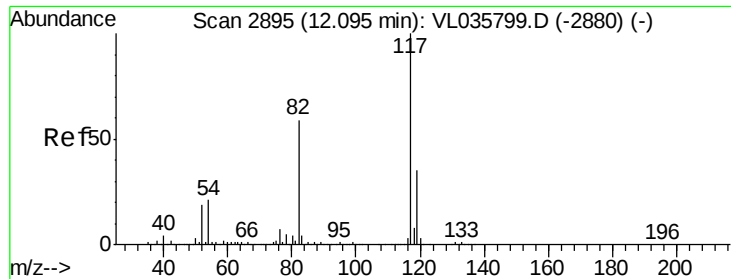
63 20.7 16.1 24.1

88 17.5 13.7 20.5



Abundance Ion 114.10 (113.80 to 114.80): V
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# 2890

Delta R.T. -0.02 min

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ClientSampleId :

QC111020 CAN 10279

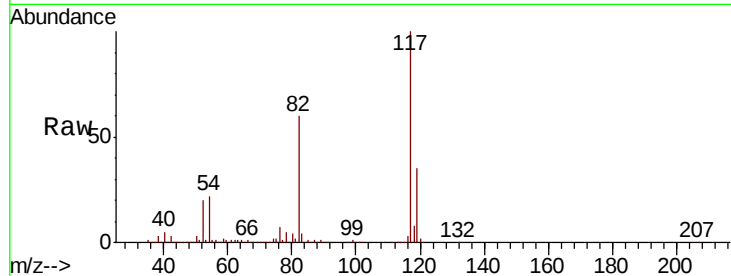
Tot Ion:117 Resp: 3767705

Ion Ratio Lower Upper

117 100

82 60.7 50.6 76.0

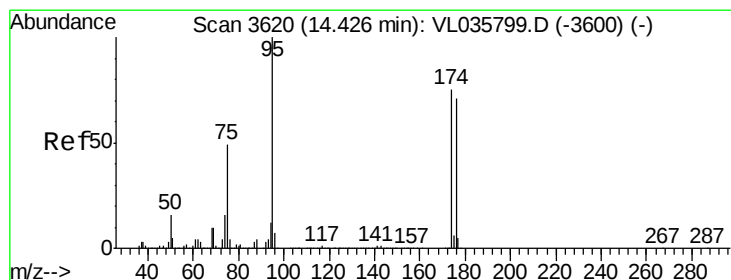
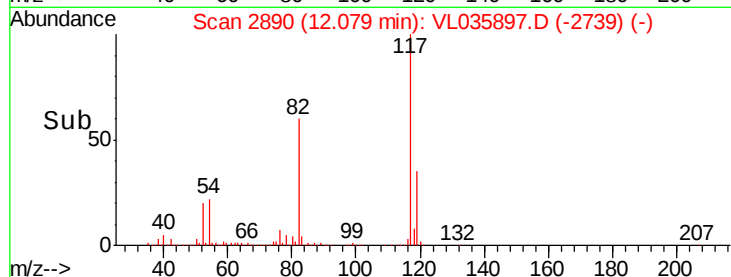
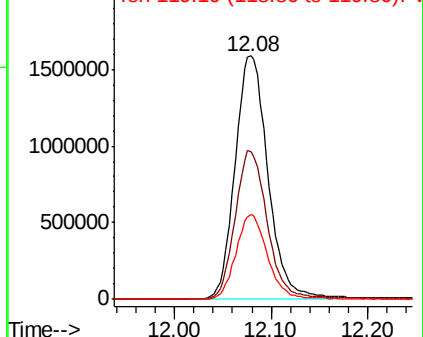
119 33.9 52.6 78.8#



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: 10.290 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. -0.02 min

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Acq: 10 Nov 2020 20:30

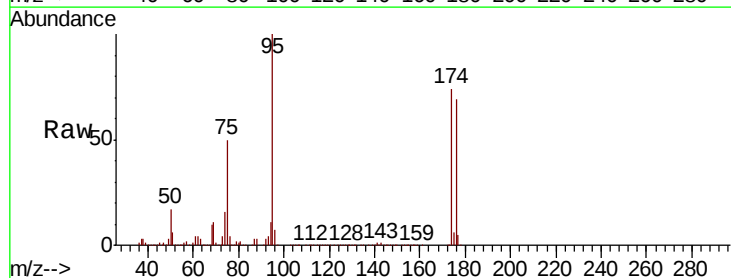
Tgt Ion: 95 Resp: 2754493

Ion Ratio Lower Upper

95 100

174 75.3 59.8 89.6

175 5.3 4.3 6.5



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

