

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL111020\
 Data File : VL035900.D
 Acq On : 10 Nov 2020 22:32
 Operator : SY/AP
 Sample : OC102020 CAN 10315
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC102020 CAN 10315

Quant Time: Nov 11 09:39:50 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	5.66	49	1009801	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3724099	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.08	117	3471403	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2552002	10.35	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.50%

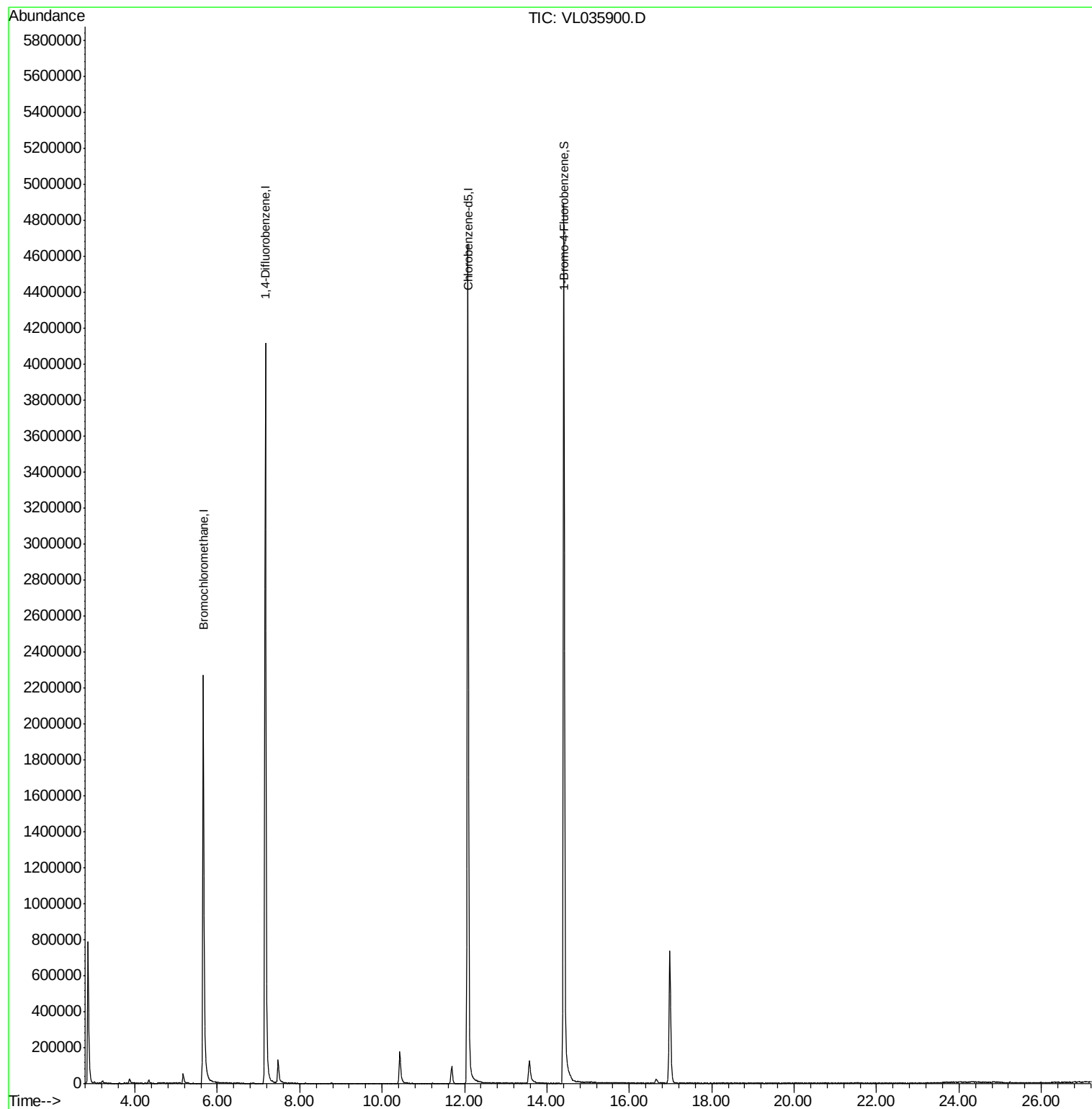
Target Compounds	Ovalue

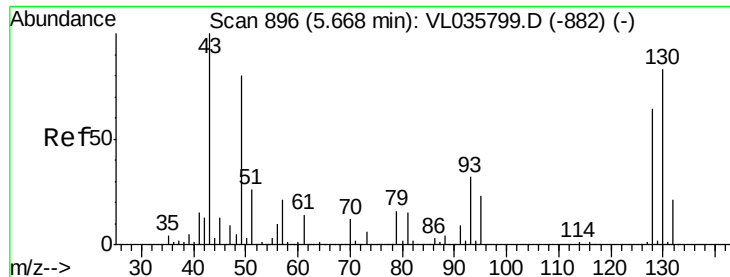
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 892

Delta R.T. -0.01 min

Lab File: VL035900.D

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Instrument :

MSVOA_L

ClientSampleId :

QC102020 CAN 10315

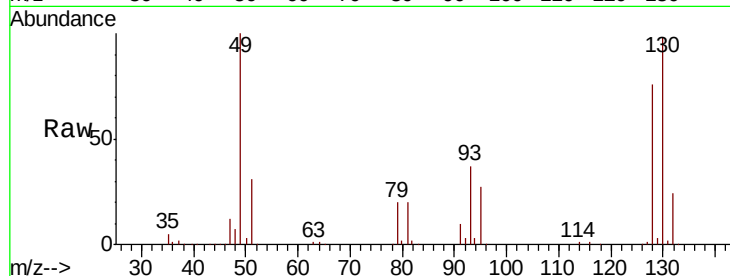
Tot Ion: 49 Resp: 1009801

Ion Ratio Lower Upper

49 100

128 81.3 41.5 124.6

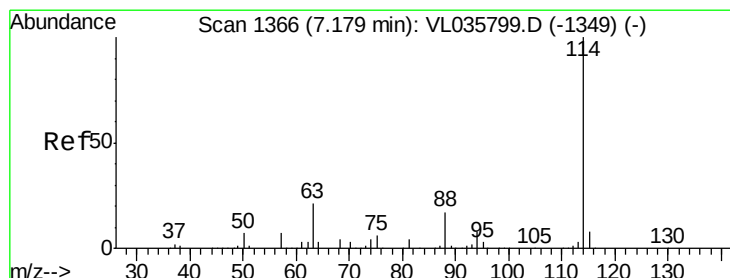
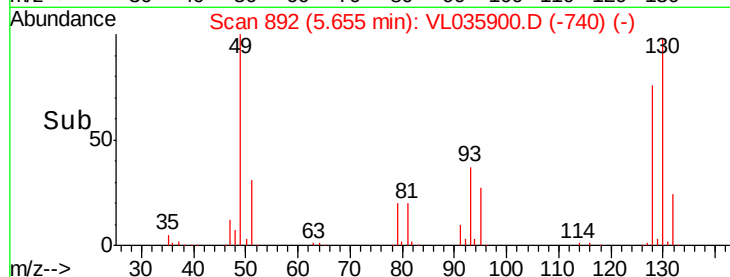
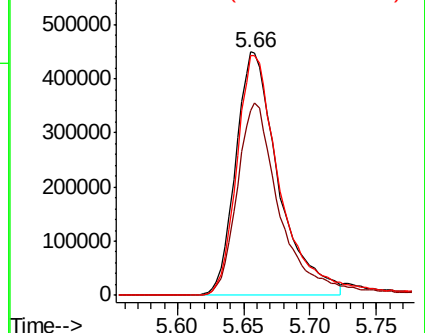
130 103.1 53.7 161.1



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: 7.17 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VL035900.D

Acq: 10 Nov 2020 22:32

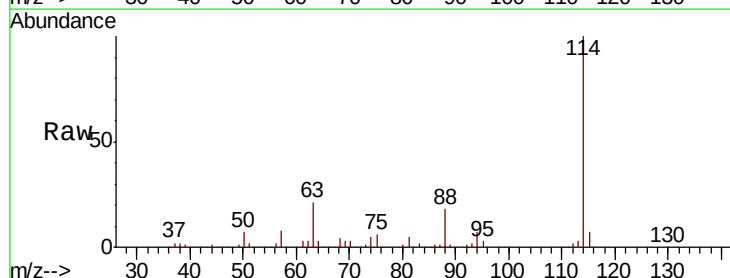
Tgt Ion: 114 Resp: 3724099

Ion Ratio Lower Upper

114 100

63 20.8 16.1 24.1

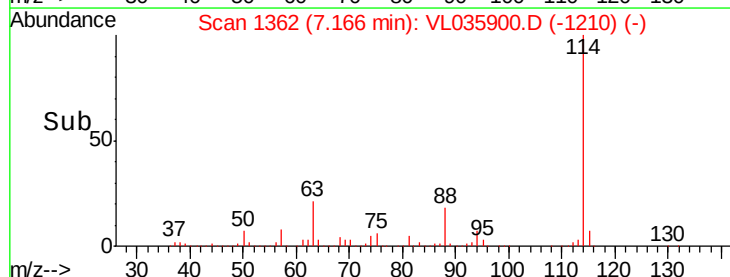
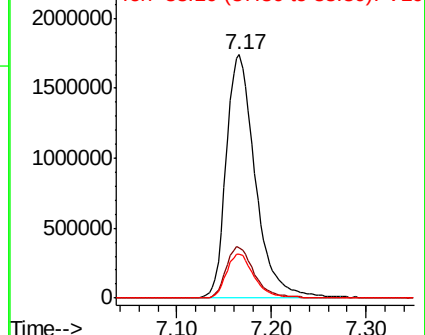
88 17.5 13.7 20.5

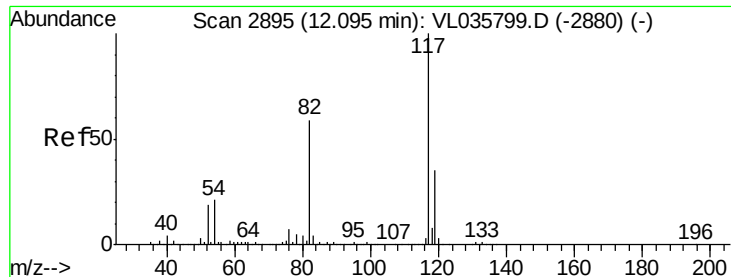


Abundance Ion 114.10 (113.80 to 114.80): VL0

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# 2890

Delta R.T. -0.02 min

Lab File: VL035900.D

Acq: 10 Nov 2020 22:32

Instrument :

MSVOA_L

ClientSampleId :

QC102020 CAN 10315

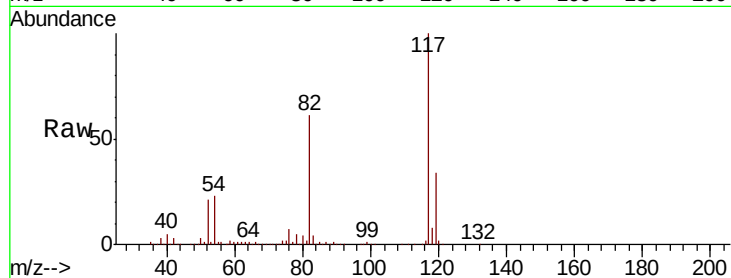
Tot Ion:117 Resp: 3471403

Ion Ratio Lower Upper

117 100

82 61.6 50.6 76.0

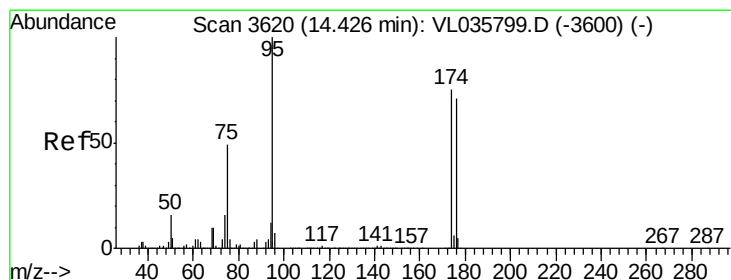
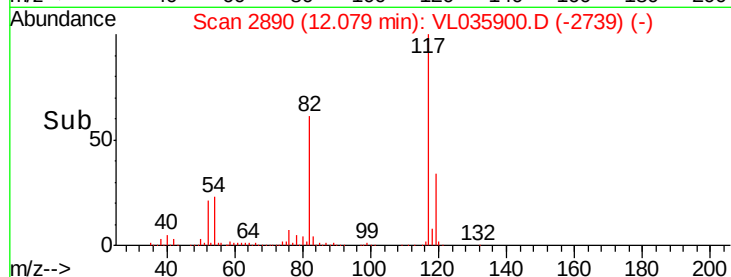
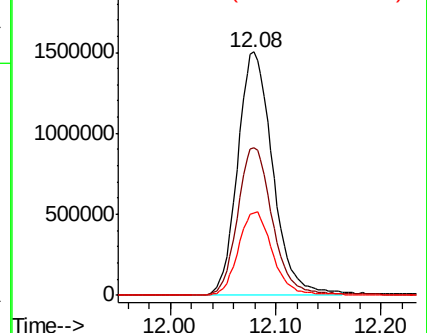
119 34.1 52.6 78.8#



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: 10.347 ppbv

RT: 14.41 min Scan# 3615

Delta R.T. -0.02 min

Lab File: VL035900.D

Acq: 10 Nov 2020 22:32

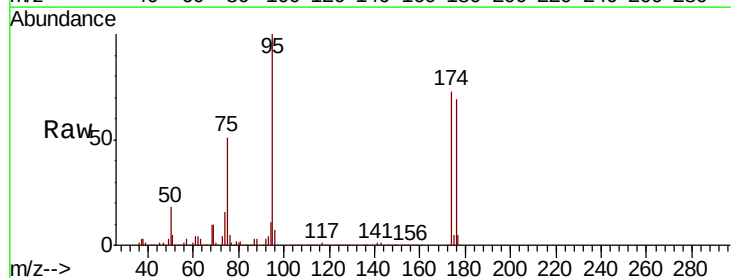
Tgt Ion: 95 Resp: 2552002

Ion Ratio Lower Upper

95 100

174 75.1 59.8 89.6

175 5.2 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

