

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110520\
 Data File : VL035866.D
 Acq On : 5 Nov 2020 19:00
 Operator : SY/AP
 Sample : OC102820 CAN 10006
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC102820 CAN 10006

Quant Time: Nov 06 16:23:38 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	5.64	49	1103799	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	4474890	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4060184	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2840275	9.85	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.50%

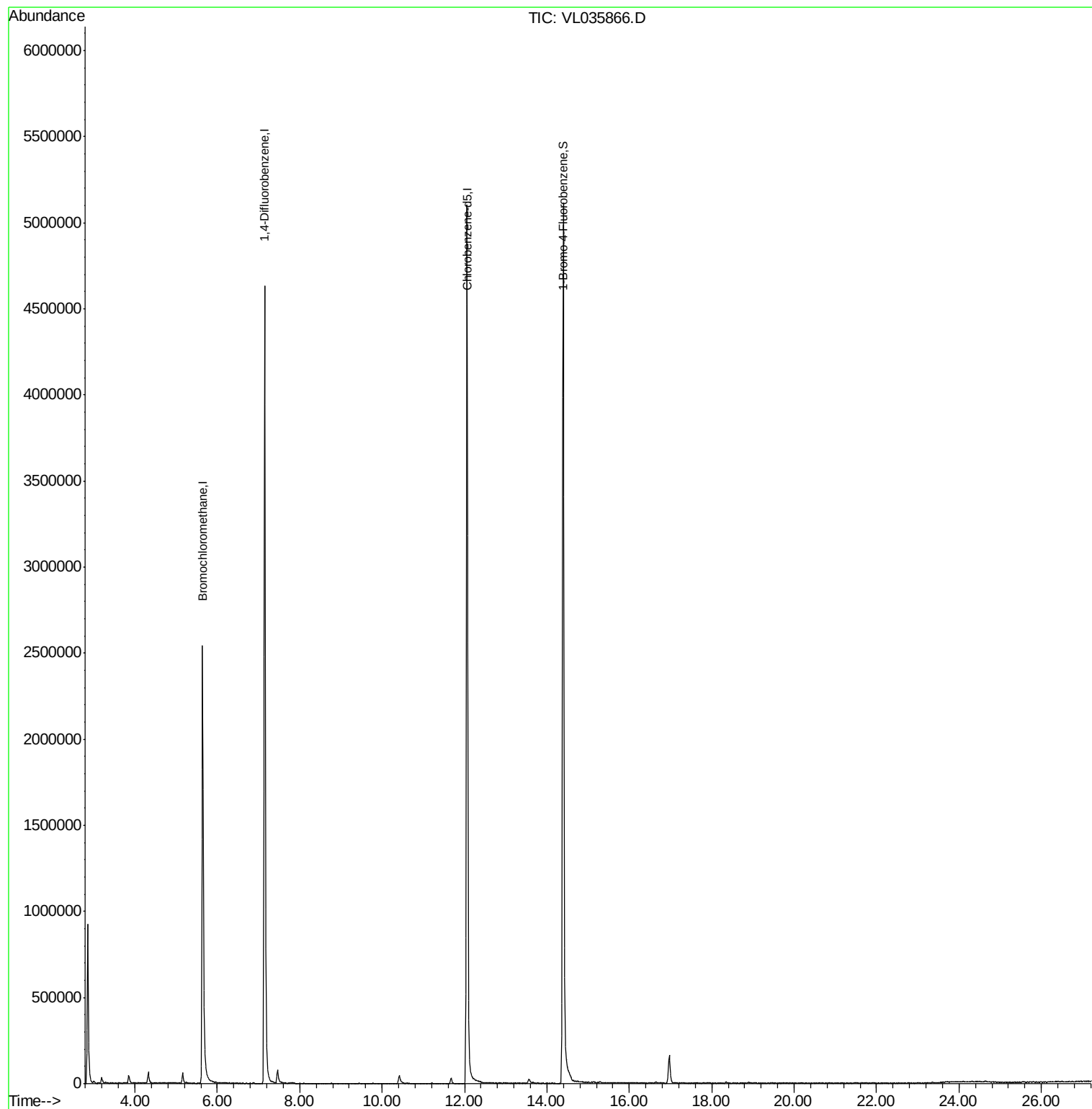
Target Compounds	Ovalue

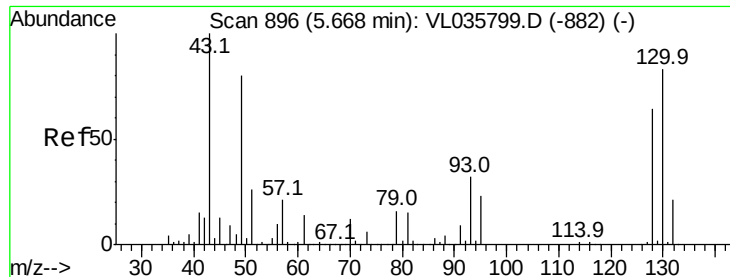
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 04 02:40:06 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 888

Delta R.T. -0.03 min

Lab File: VL035866.D

Acq: 5 Nov 2020 19:00

Instrument :

MSVOA_L

ClientSampleId :

QC102820 CAN 10006

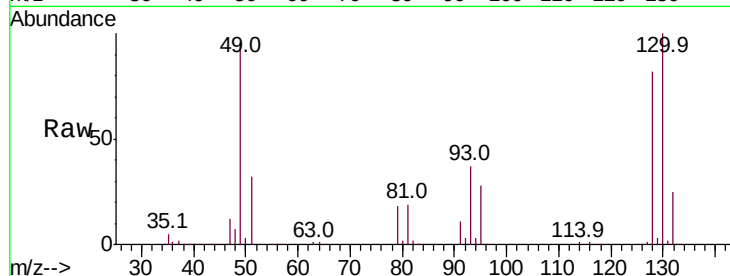
Tot Ion: 49 Resp: 1103799

Ion Ratio Lower Upper

49 100

128 86.7 41.5 124.6

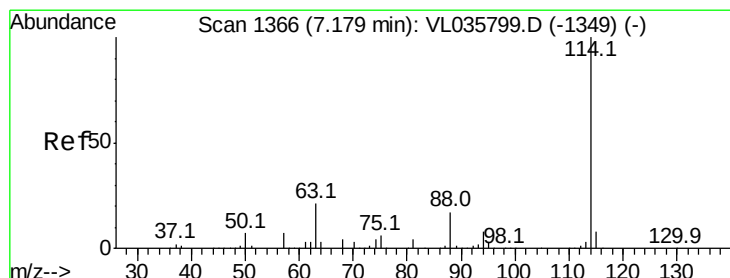
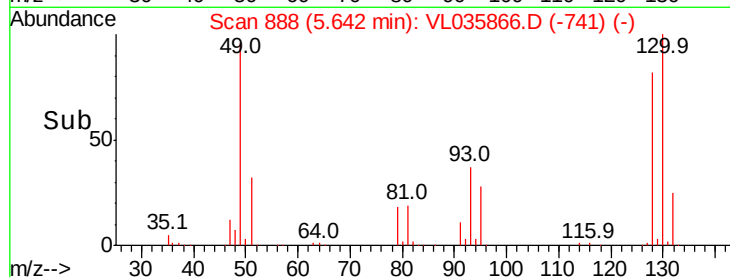
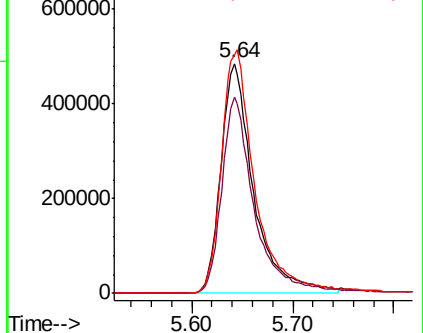
130 111.0 53.7 161.1



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: 7.15 min Scan# 1357

Delta R.T. -0.03 min

Lab File: VL035866.D

Acq: 5 Nov 2020 19:00

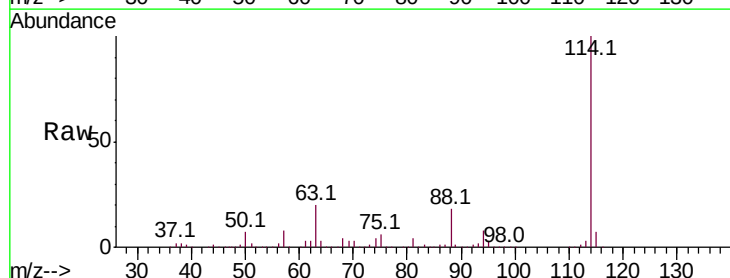
Tgt Ion:114 Resp: 4474890

Ion Ratio Lower Upper

114 100

63 19.3 16.1 24.1

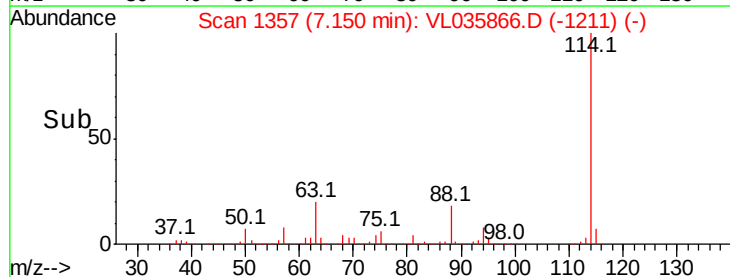
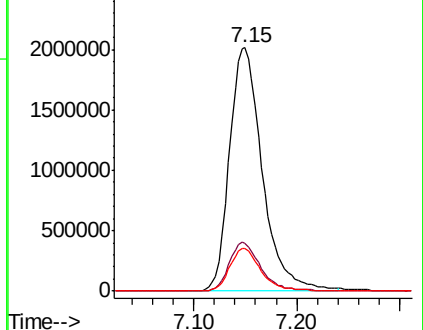
88 16.9 13.7 20.5

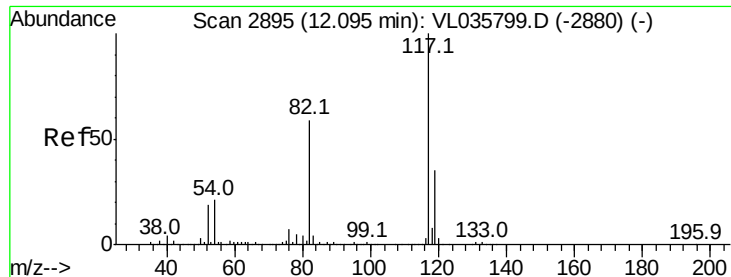


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

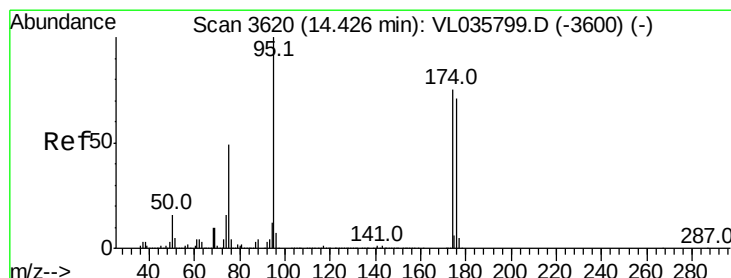
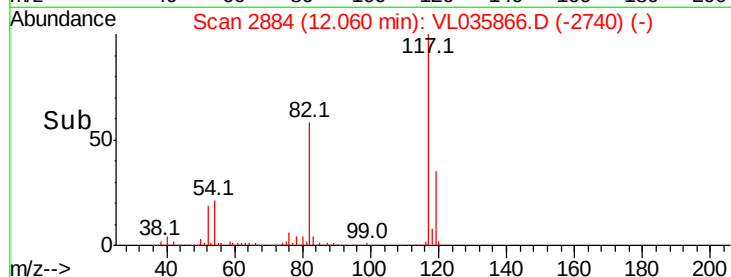
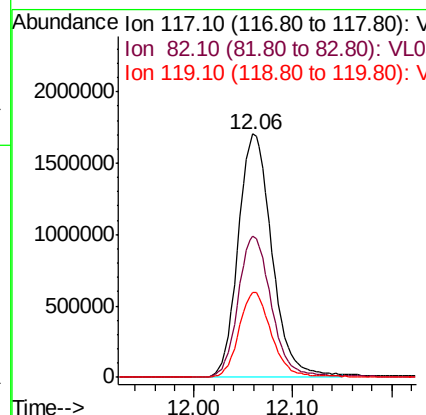
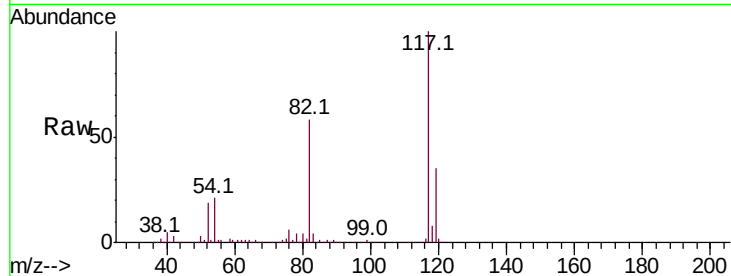




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.06 min Scan# 2884
 Delta R.T. -0.04 min
 Lab File: VL035866.D
 Acq: 5 Nov 2020 19:00

Instrument :
 MSVOA_L
 ClientSampleId :
 QC102820 CAN 10006

Tot Ion:117 Resp: 4060184
 Ion Ratio Lower Upper
 117 100
 82 58.1 50.6 76.0
 119 34.3 52.6 78.8#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.846 ppbv
 RT: 14.39 min Scan# 3610
 Delta R.T. -0.03 min
 Lab File: VL035866.D
 Acq: 5 Nov 2020 19:00

Tgt Ion: 95 Resp: 2840275
 Ion Ratio Lower Upper
 95 100
 174 78.1 59.8 89.6
 175 5.6 4.3 6.5

