

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112420\
 Data File : VL035999.D
 Acq On : 24 Nov 2020 18:28
 Operator : SY/AP
 Sample : OC111920 CAN 10280
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC111920 CAN 10280

Quant Time: Nov 25 12:43:56 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	1250726	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.15	114	4412658	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.06	117	4168222	10.00	ppbv	-0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	3177178	10.73	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.30%

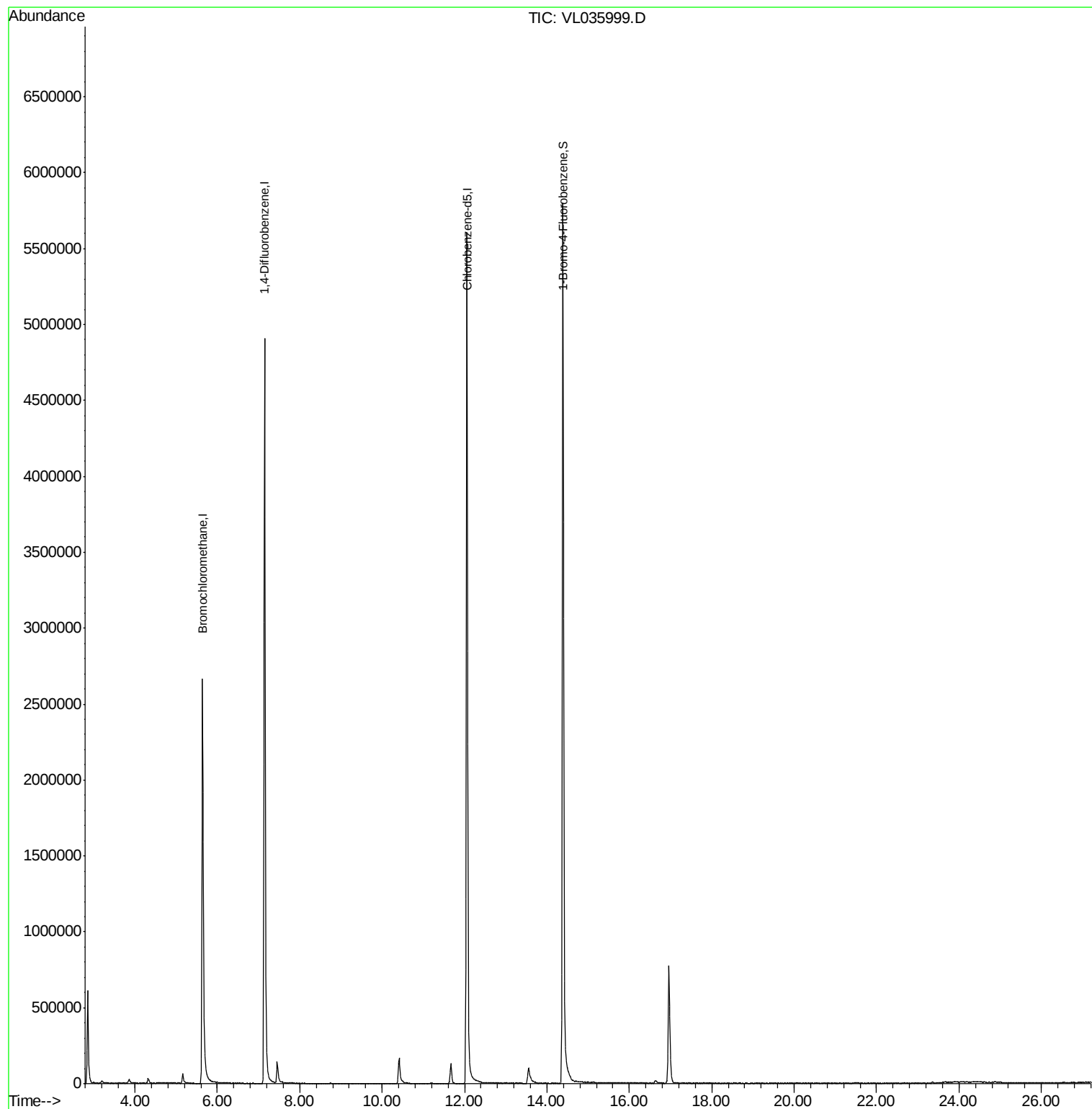
Target Compounds	Ovalue

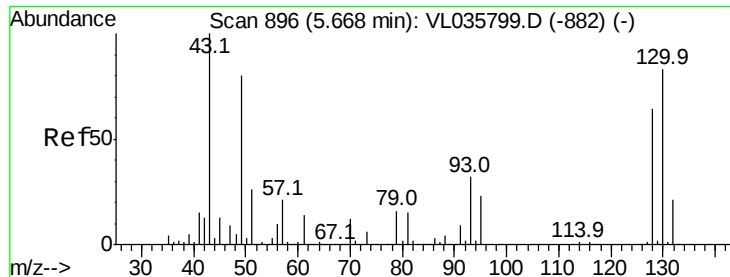
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.64 min Scan# 887

Delta R.T. -0.03 min

Lab File: VL035999.D

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Instrument :

MSVOA_L

ClientSampleId :

QC111920 CAN 10280

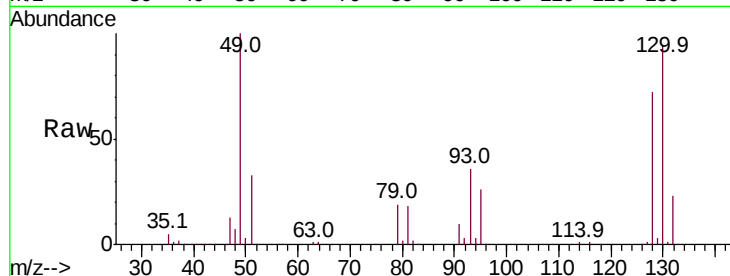
Tot Ion: 49 Resp: 1250726

Ion Ratio Lower Upper

49 100

128 76.8 41.5 124.6

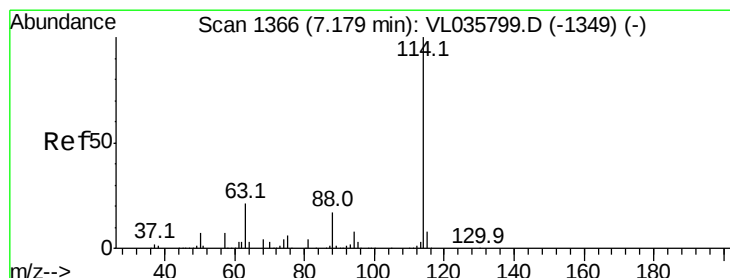
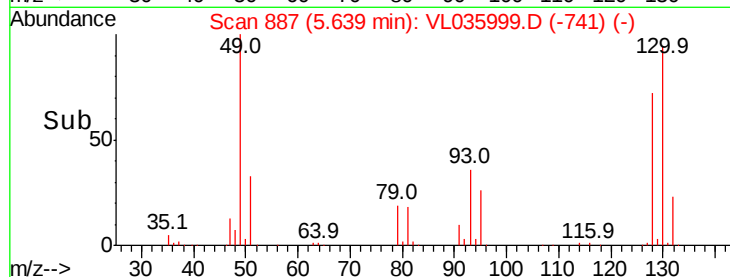
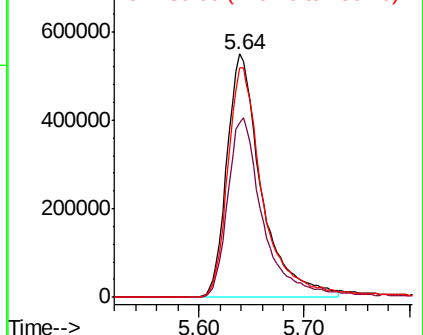
130 98.8 53.7 161.1



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: 7.15 min Scan# 1356

Delta R.T. -0.03 min

Lab File: VL035999.D

Acq: 24 Nov 2020 18:28

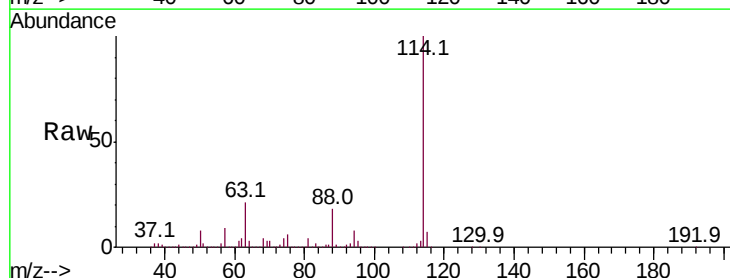
Tgt Ion: 114 Resp: 4412658

Ion Ratio Lower Upper

114 100

63 21.1 16.1 24.1

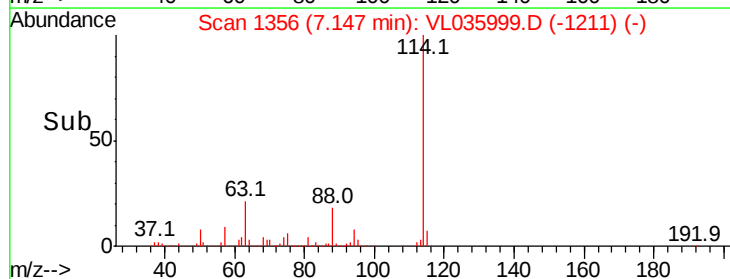
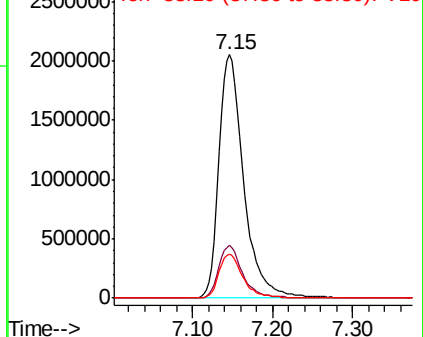
88 17.5 13.7 20.5

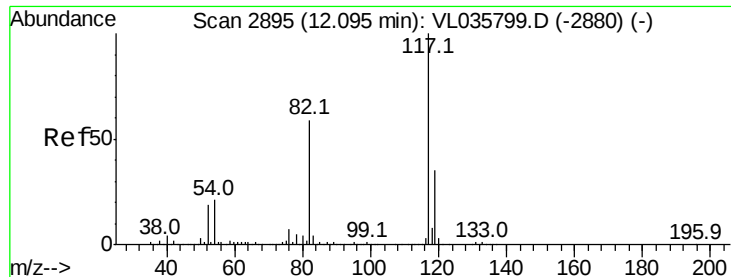


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

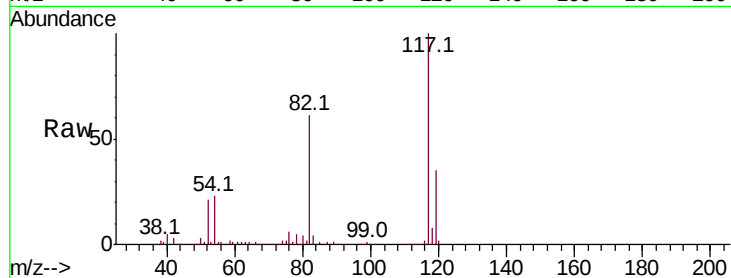




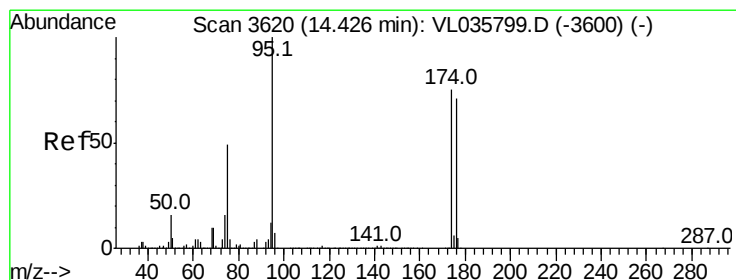
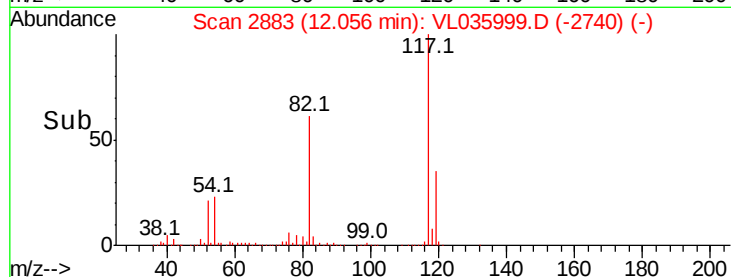
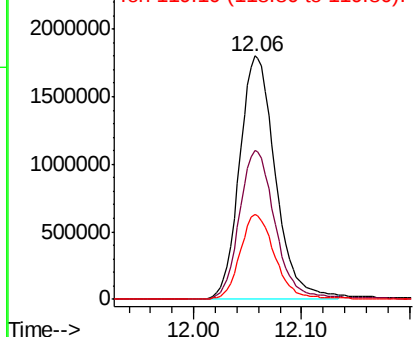
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2883
Delta R.T. -0.04 min
Lab File: VL035999.D
Acq: 24 Nov 2020 18:28

Instrument :
MSVOA_L
ClientSampleId :
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Tot Ion:117 Resp: 4168222
Ion Ratio Lower Upper
117 100
82 62.4 50.6 76.0
119 34.7 52.6 78.8#

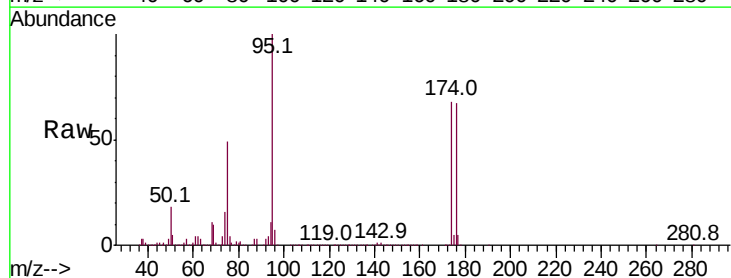


Abundance Ion 117.10 (116.80 to 117.80): V
Ion 82.10 (81.80 to 82.80): VL0
Ion 119.10 (118.80 to 119.80): V



#68
1-Bromo-4-Fluorobenzene
Concen: 10.729 ppbv
RT: 14.39 min Scan# 3608
Delta R.T. -0.04 min
Lab File: VL035999.D
Acq: 24 Nov 2020 18:28

Tgt Ion: 95 Resp: 3177178
Ion Ratio Lower Upper
95 100
174 70.9 59.8 89.6
175 5.0 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

