

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL122320\
 Data File : VL036206.D
 Acq On : 24 Dec 2020 00:10
 Operator : SY/AP
 Sample : OC122220 CAN 10601
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC122220 CAN 10601

Quant Time: Dec 25 23:37:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Dec 07 16:56:49 2020
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1328480	10.00	ppbv	-0.04
33) 1,4-Difluorobenzene	7.15	114	2591020	10.00	ppbv	-0.05
55) Chlorobenzene-d5	12.06	117	2294975	10.00	ppbv	-0.05

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2028471	11.13	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.30%

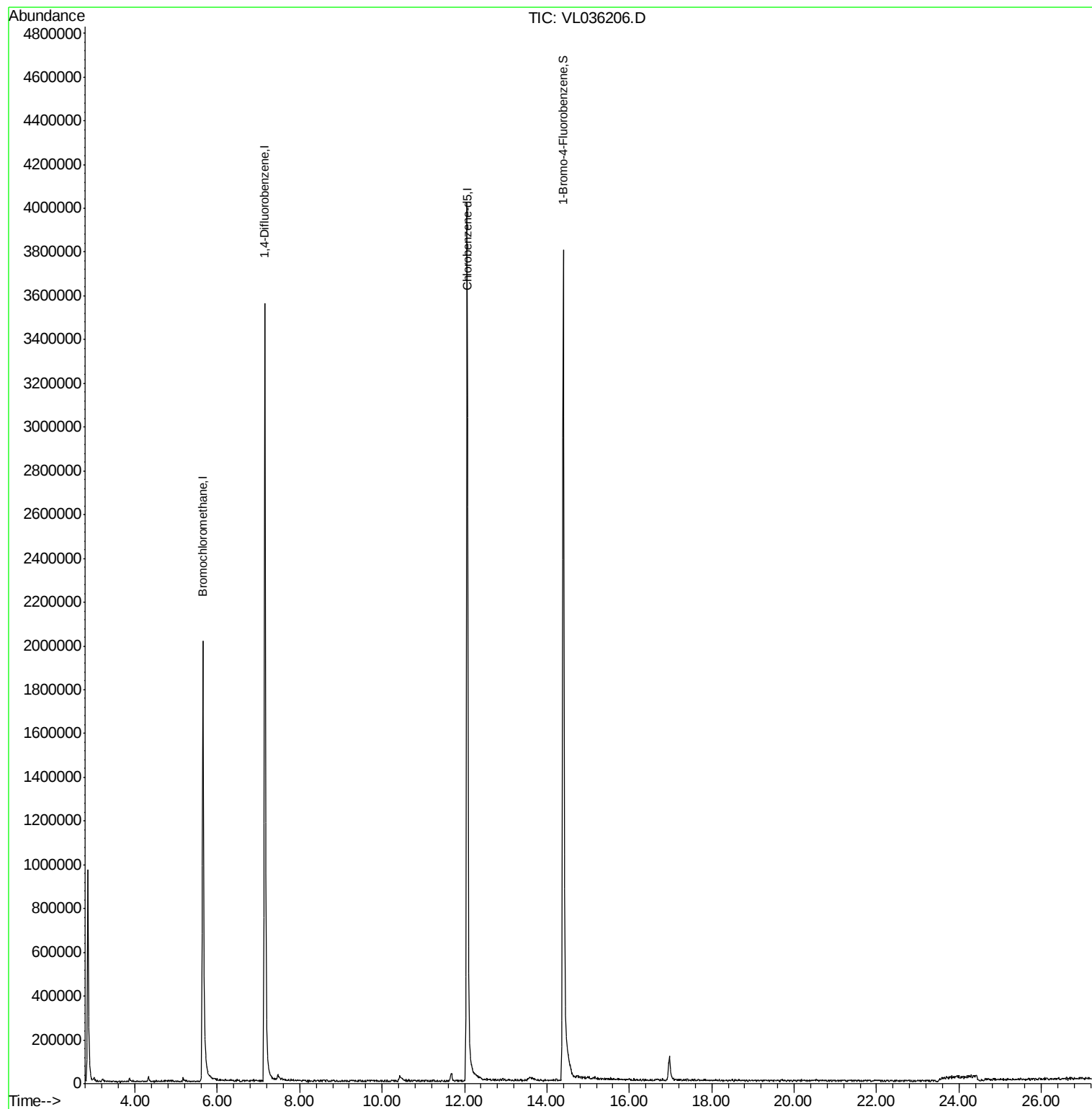
Target Compounds	Ovalue

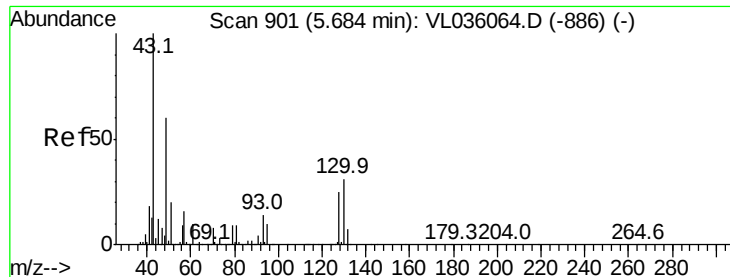
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 889

Delta R.T. -0.04 min

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Instrument :

MSVOA_L

ClientSampleId :

QC122220 CAN 10601

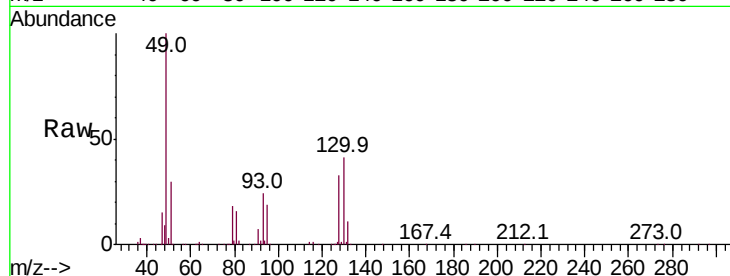
Tot Ion: 49 Resp: 1328480

Ion Ratio Lower Upper

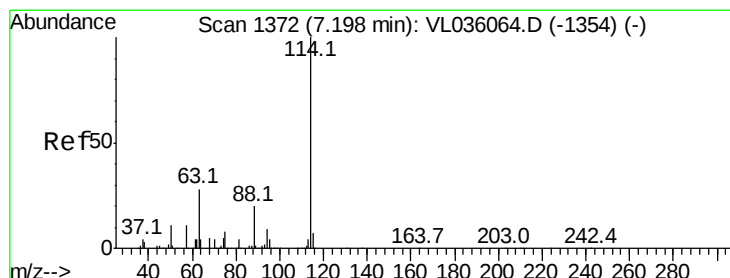
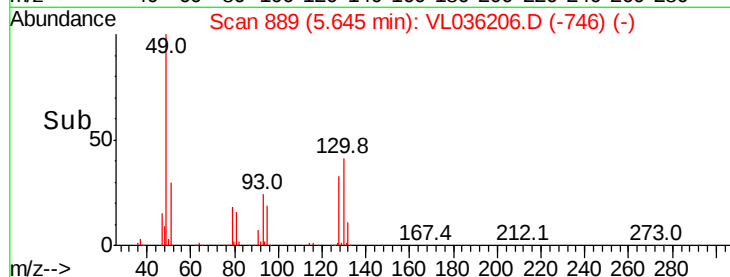
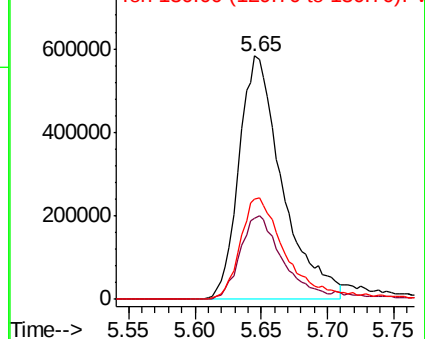
49 100

128 36.9 21.1 63.1

130 46.2 27.1 81.3



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# 1358

Delta R.T. -0.05 min

Lab File: VL036206.D

Acq: 24 Dec 2020 00:10

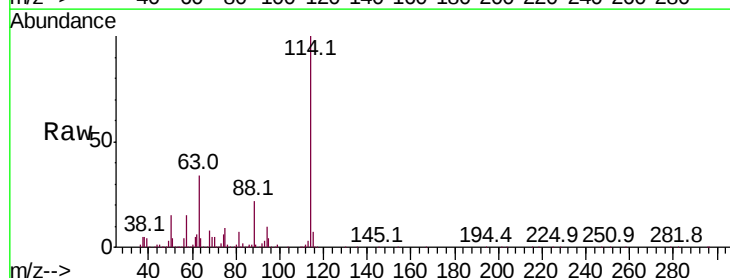
Tgt Ion:114 Resp: 2591020

Ion Ratio Lower Upper

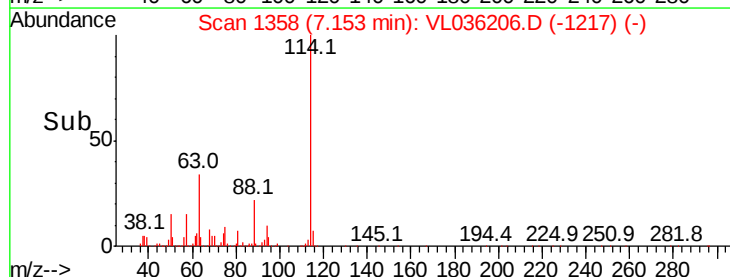
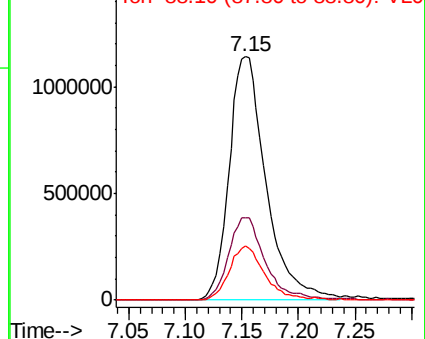
114 100

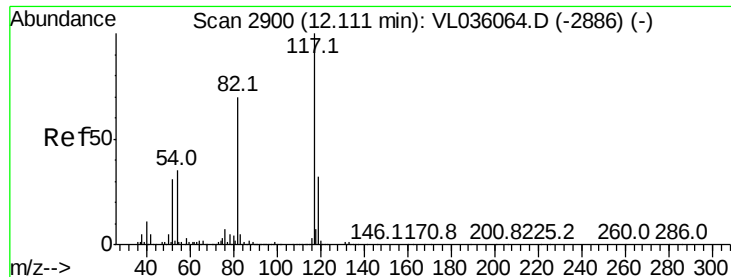
63 34.5 23.6 35.4

88 21.5 15.8 23.6



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# 2885

Delta R.T. -0.05 min

Lab File: VL036206.D

Acq: 24 Dec 2020 00:10

Instrument :

MSVOA_L

ClientSampleId :

QC122220 CAN 10601

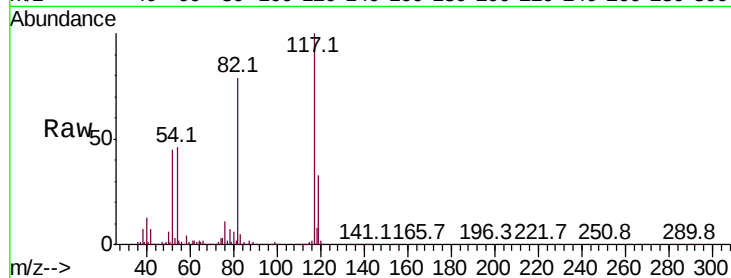
Tot Ion:117 Resp: 2294975

Ion Ratio Lower Upper

117 100

82 82.0 0.0 0.0#

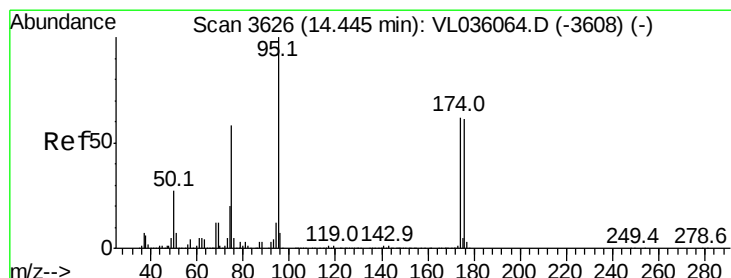
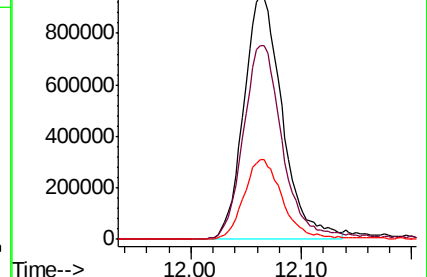
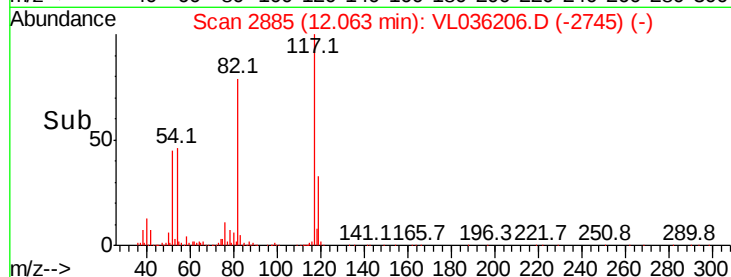
119 33.7 0.0 0.0#



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: 11.131 ppbv

RT: 14.40 min Scan# 3611

Delta R.T. -0.05 min

Lab File: VL036206.D

Acq: 24 Dec 2020 00:10

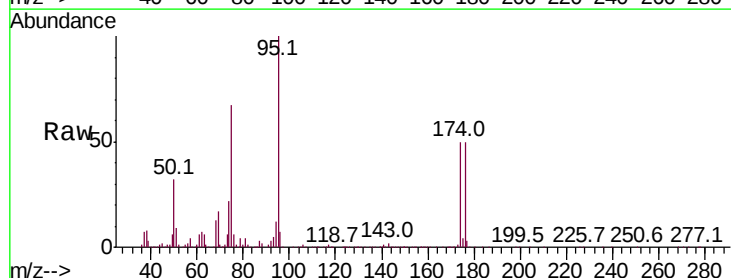
Tgt Ion: 95 Resp: 2028471

Ion Ratio Lower Upper

95 100

174 55.3 50.7 76.1

175 3.7 4.0 6.0#



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

