

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031620\
 Data File : VL034901.D
 Acq On : 16 Mar 2020 22:04
 Operator : SY/AP
 Sample : OC031220 CAN 10283
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC031220 CAN 10283

Quant Time: Mar 17 11:19:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL030920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 09 16:42:53 2020
 QLast Update : Mon Mar 09 16:42:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	858457	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	1829245	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	1807308	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1446058	10.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

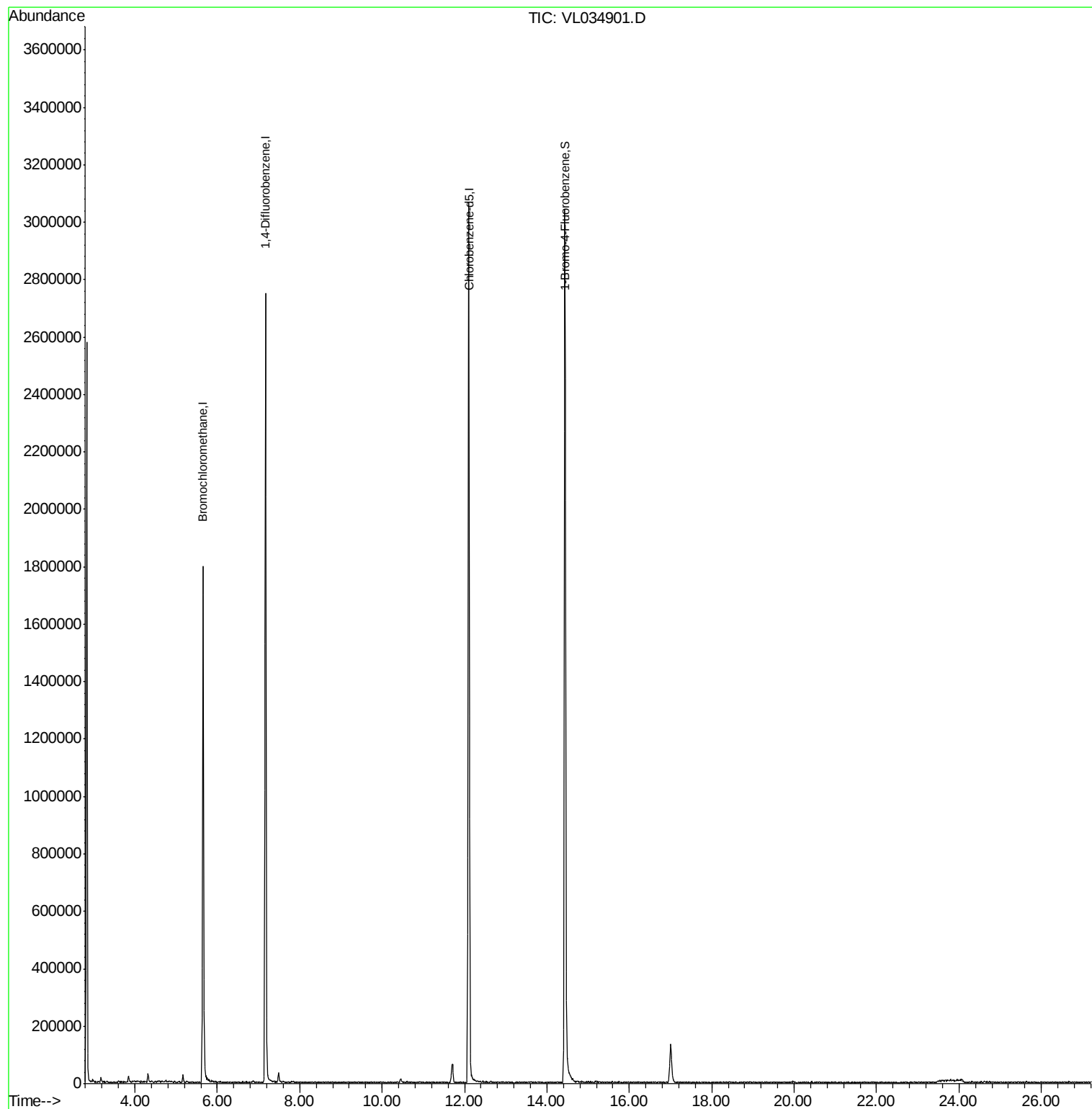
Target Compounds	Ovalue

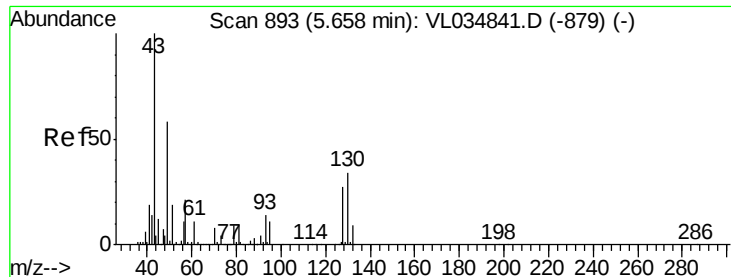
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. -0.01 min

Lab File: VL034901.D

Acq: 16 Mar 2020 22:04

Instrument :

MSVOA_L

ClientSampleId :

QC031220 CAN 10283

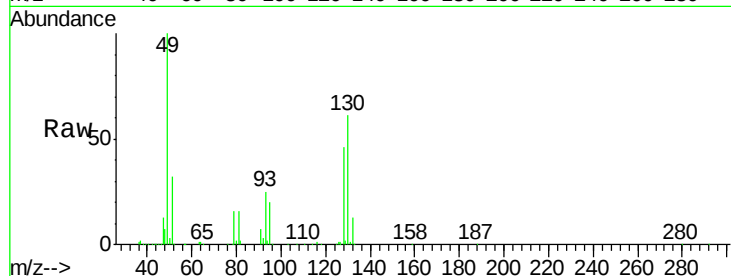
Tot Ion: 49 Resp: 858457

Ion Ratio Lower Upper

49 100

128 44.3 23.4 70.3

130 58.1 30.0 90.0



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

5.65

400000

300000

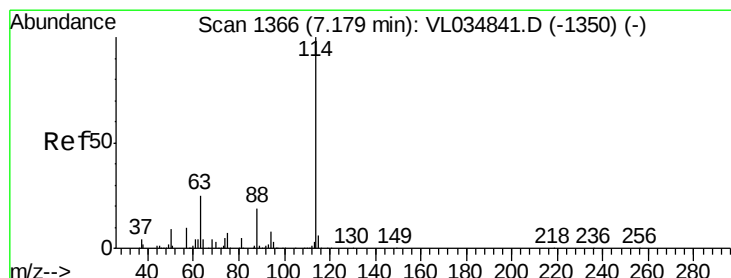
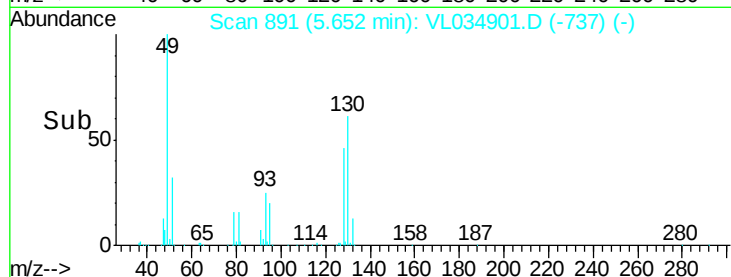
200000

100000

0

5.55 5.60 5.65 5.70 5.75

Time-->



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1363

Delta R.T. -0.01 min

Lab File: VL034901.D

Acq: 16 Mar 2020 22:04

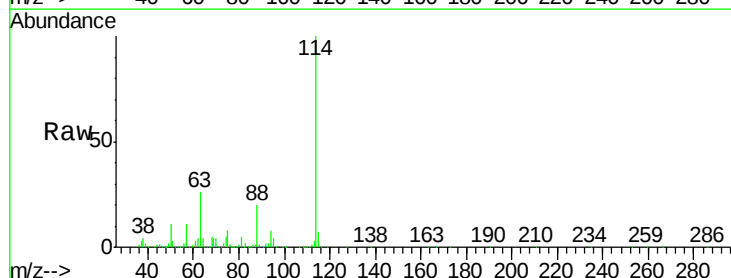
Tgt Ion: 114 Resp: 1829245

Ion Ratio Lower Upper

114 100

63 28.0 20.6 31.0

88 19.6 15.0 22.6



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

7.17

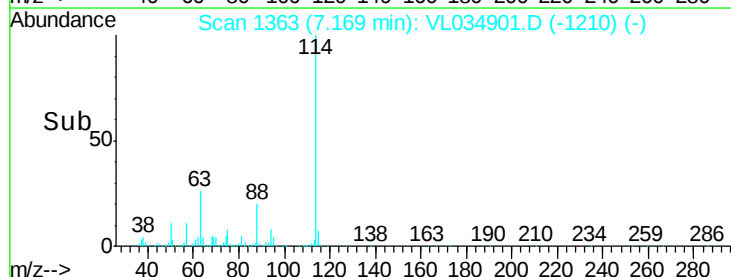
1000000

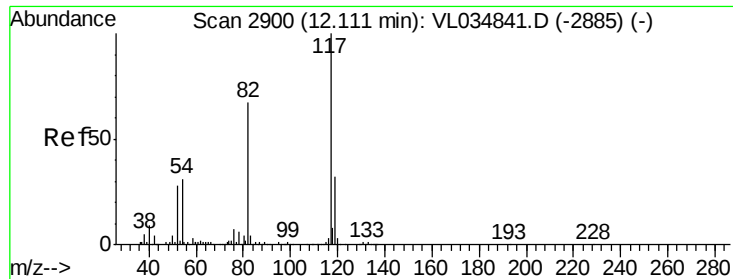
500000

0

7.10 7.15 7.20 7.25

Time-->

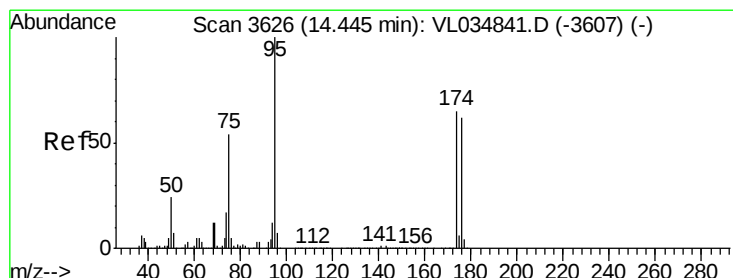
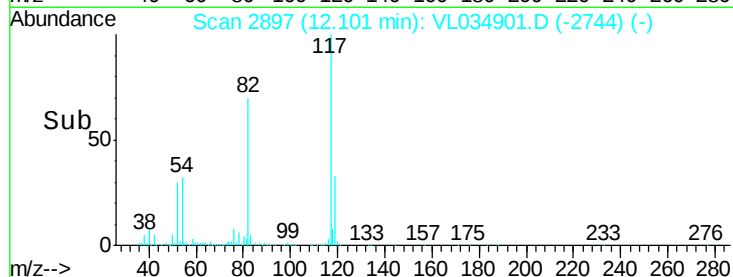
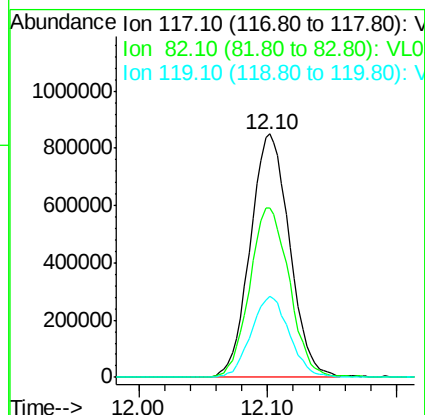
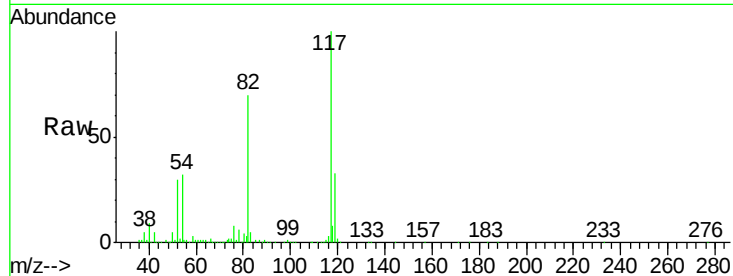




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. -0.01 min
Lab File: VL034901.D
Acq: 16 Mar 2020 22:04

Instrument :
MSVOA_L
ClientSampleId :
QC031220 CAN 10283

Tot Ion:117 Resp: 1807308
Ion Ratio Lower Upper
117 100
82 70.6 51.1 76.7
119 32.4 27.3 40.9



#68
1-Bromo-4-Fluorobenzene
Concen: 10.260 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. -0.01 min
Lab File: VL034901.D
Acq: 16 Mar 2020 22:04

Tgt Ion: 95 Resp: 1446058
Ion Ratio Lower Upper
95 100
174 65.0 55.2 82.8
175 5.0 4.3 6.5

