

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092321\
 Data File : VL037659.D
 Acq On : 23 Sep 2021 12:55
 Operator : SY/AP
 Sample : CAN 10334
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10334

Quant Time: Sep 24 09:49:01 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 16 13:42:46 2021
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1488259	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4387327	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3760038	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2611884	9.61	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.10%

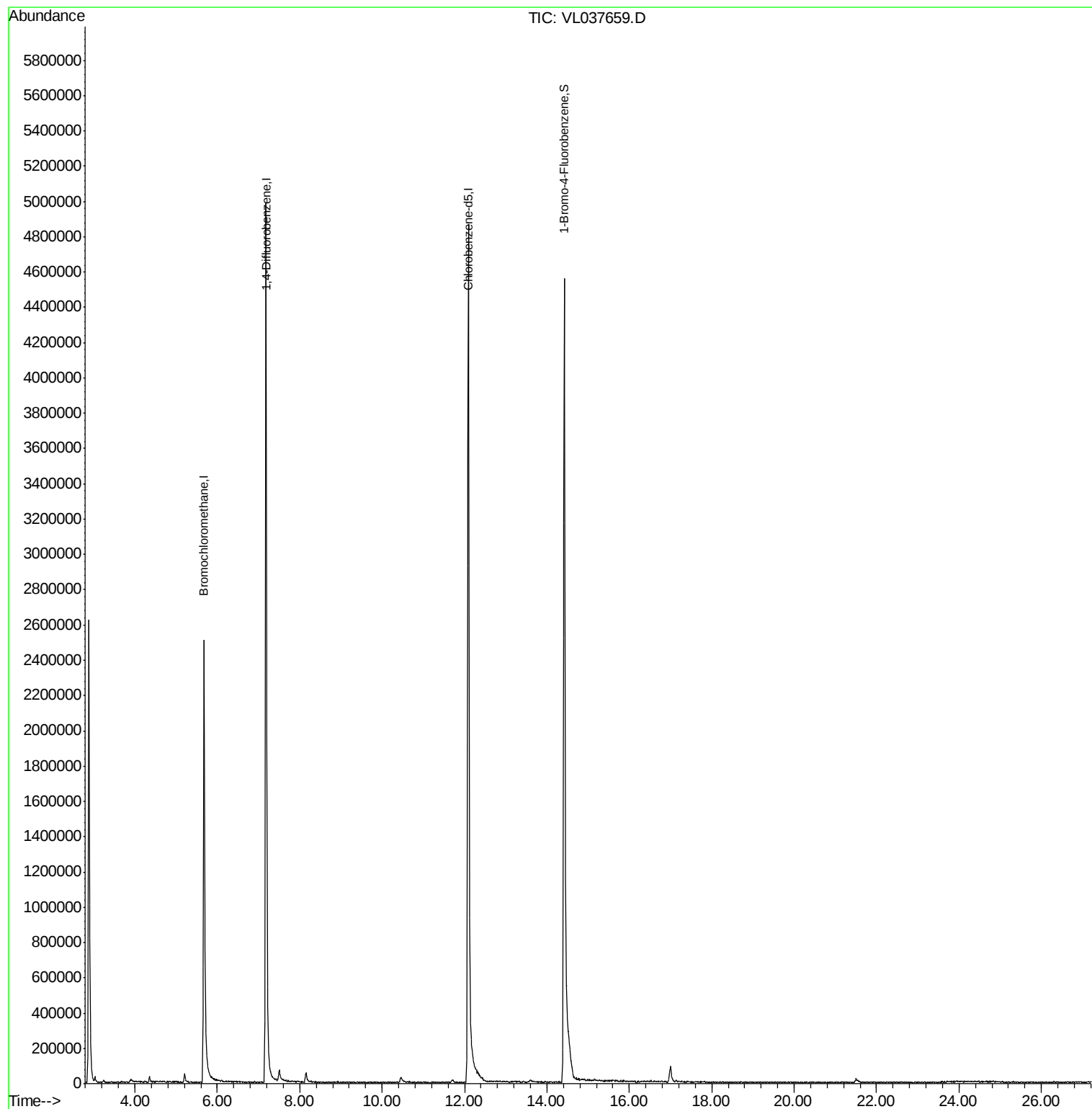
Target Compounds	Qvalue

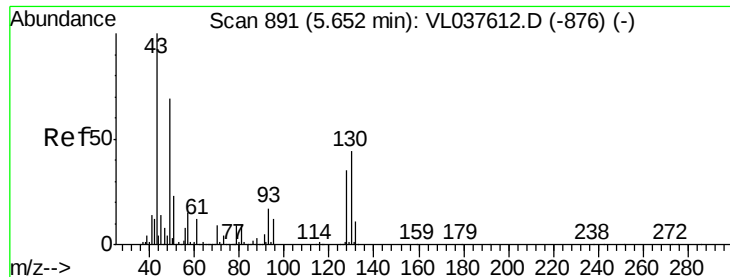
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 898

Delta R.T. 0.02 min

Lab File: VL037659.D

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Instrument :

MSVOA_L

ClientSampleId :

CAN 10334

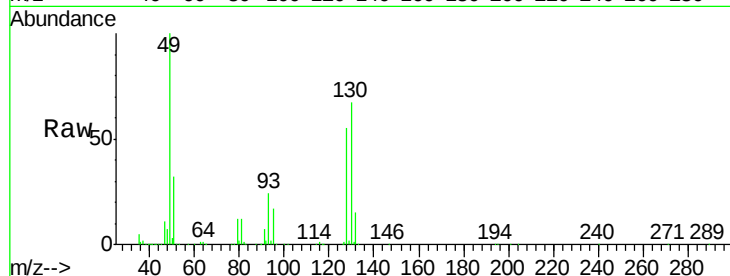
Tgt Ion: 49 Resp: 1488259

Ion Ratio Lower Upper

49 100

128 55.9 27.9 83.6

130 69.8 33.9 101.7



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

5.67

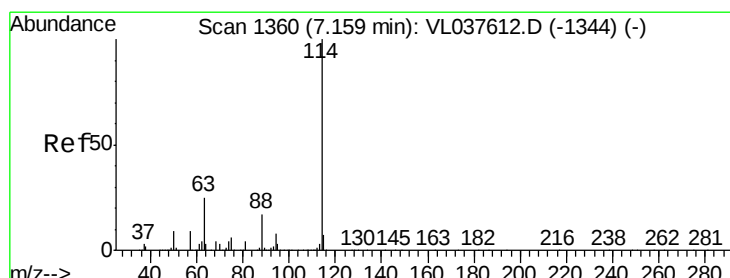
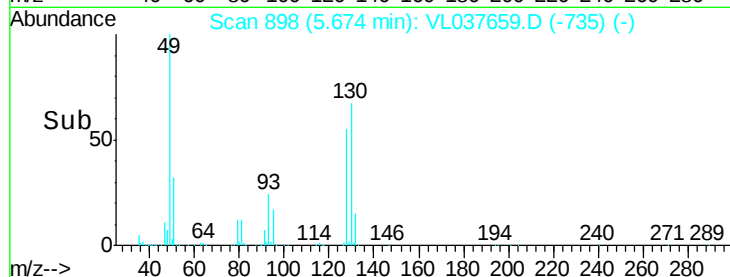
600000

400000

200000

0

Time-->



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.18 min Scan# 1366

Delta R.T. 0.02 min

Lab File: VL037659.D

Acq: 23 Sep 2021 12:55

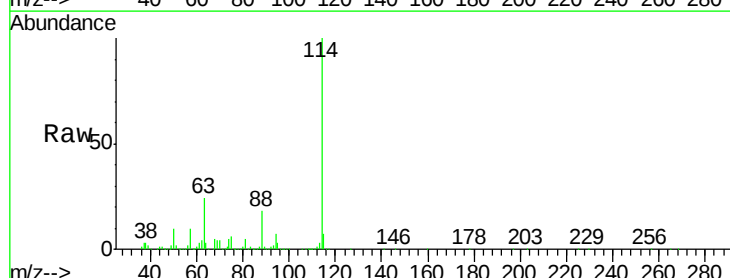
Tgt Ion: 114 Resp: 4387327

Ion Ratio Lower Upper

114 100

63 23.8 19.6 29.4

88 18.1 14.2 21.4



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

7.18

2500000

2000000

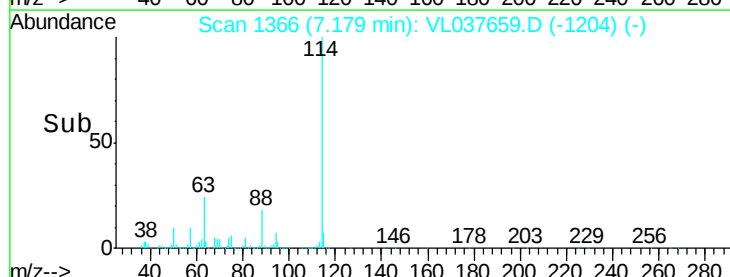
1500000

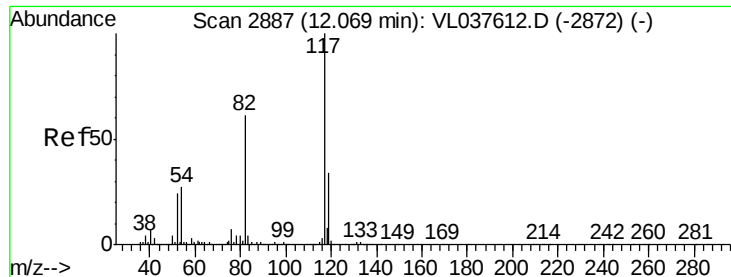
1000000

500000

0

Time-->

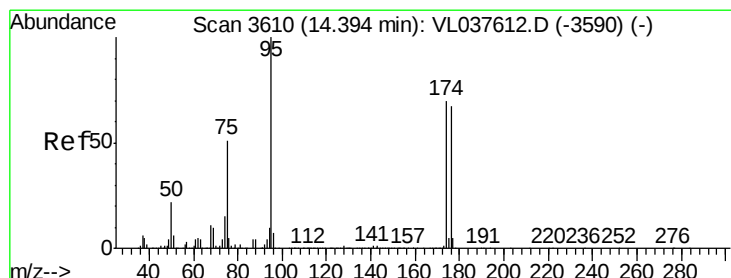
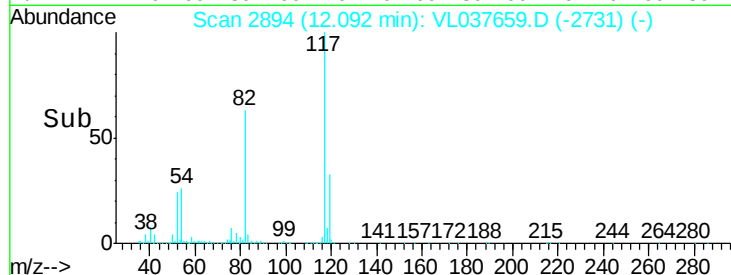
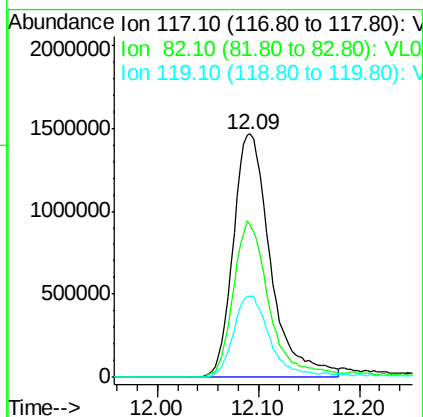
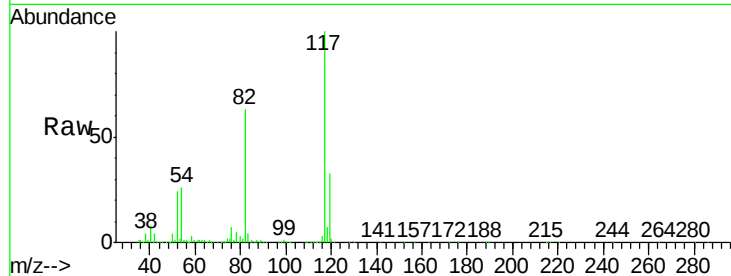




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2894
Delta R.T. 0.02 min
Lab File: VL037659.D
Acq: 23 Sep 2021 12:55

Instrument :
MSVOA_L
ClientSampleId :
CAN 10334

Tgt Ion: 117 Resp: 3760038
Ion Ratio Lower Upper
117 100
82 65.2 50.6 75.8
119 34.0 26.2 39.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.612 ppbv
RT: 14.42 min Scan# 3618
Delta R.T. 0.03 min
Lab File: VL037659.D
Acq: 23 Sep 2021 12:55

Tgt Ion: 95 Resp: 2611884
Ion Ratio Lower Upper
95 100
174 76.7 56.3 84.5
175 6.0 4.4 6.6

