

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092721\
Data File : VL037675.D
Acq On : 27 Sep 2021 11:18
Operator : SY/AP
Sample : CAN 10329
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
CAN 10329

Quant Time: Sep 28 09:16:20 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 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	1600190	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.17	114	4589999	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.08	117	3964490	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2760342	9.63	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.30%

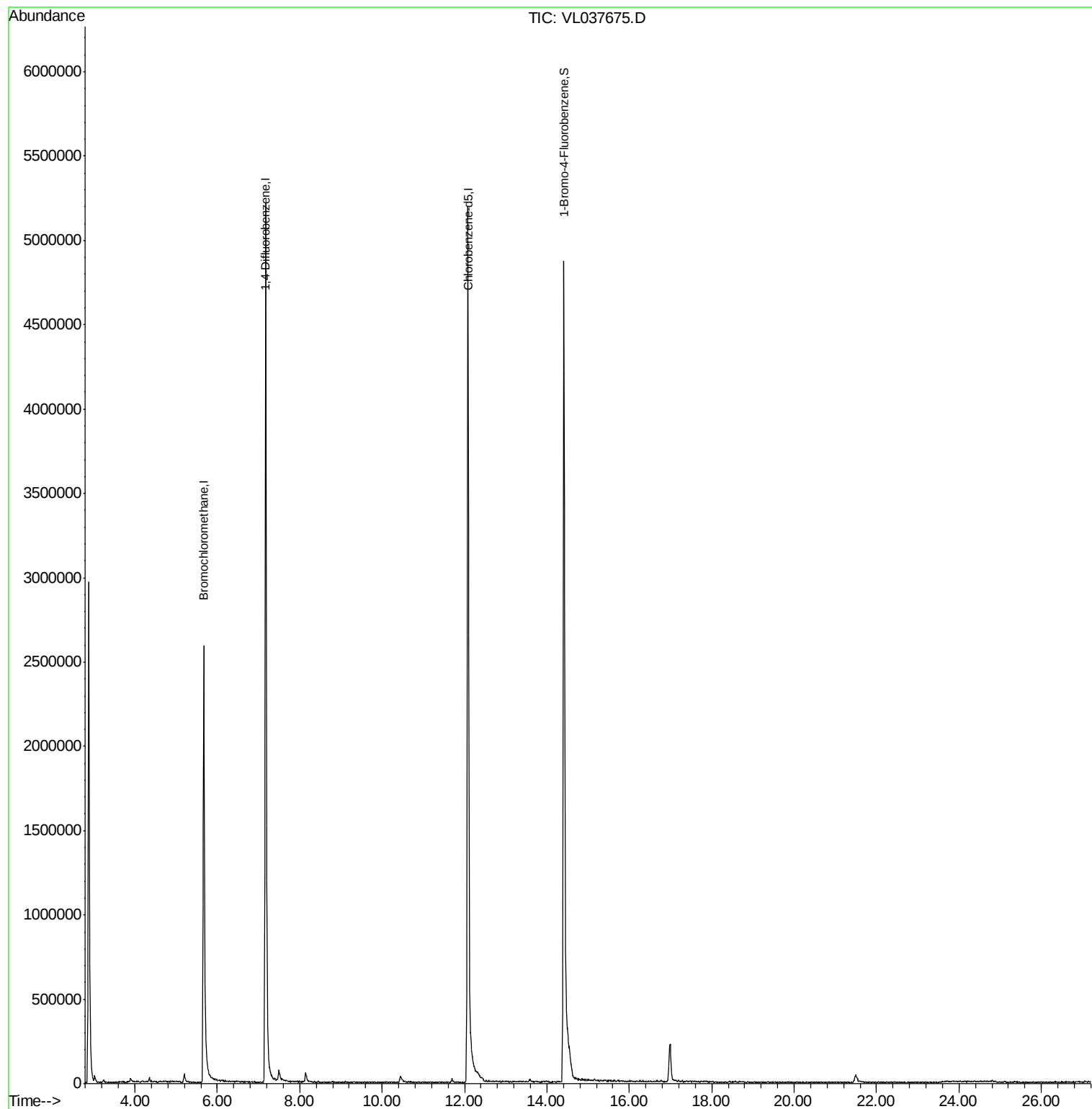
Target Compounds	Qvalue
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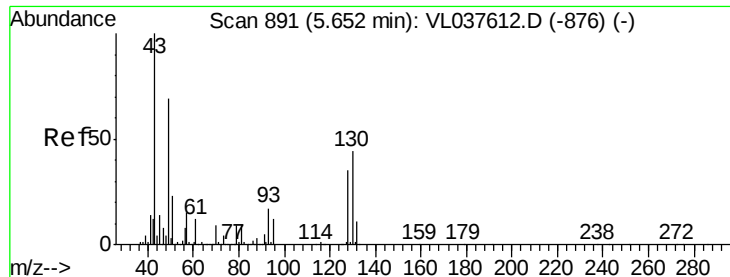
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.02 min

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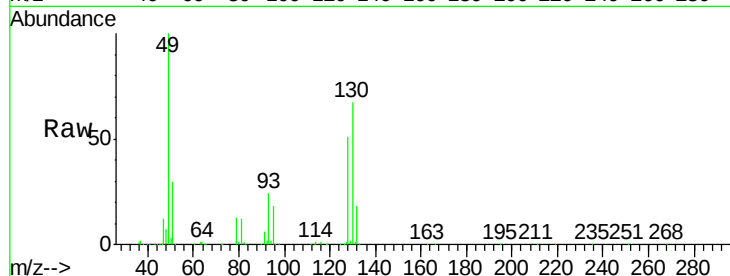
Tgt Ion: 49 Resp: 1600190

Ion Ratio Lower Upper

49 100

128 52.3 27.9 83.6

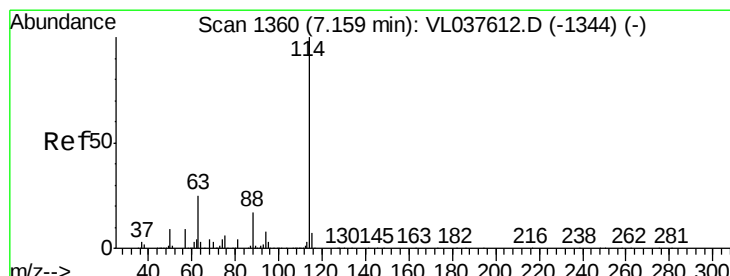
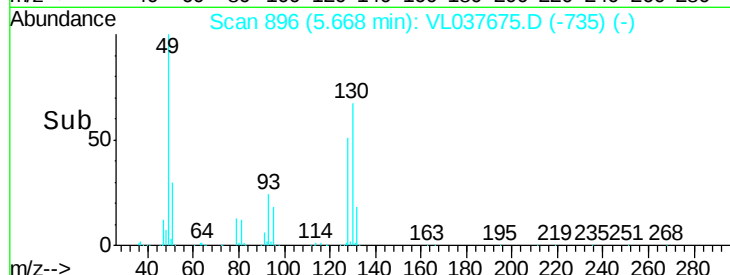
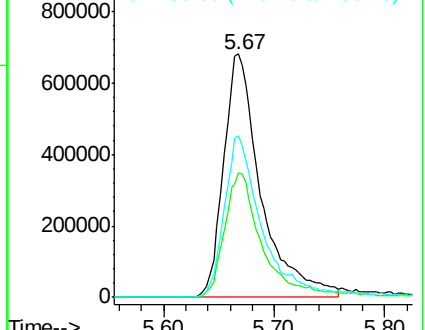
130 69.2 33.9 101.7



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



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.17 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VL037675.D

Acq: 27 Sep 2021 11:18

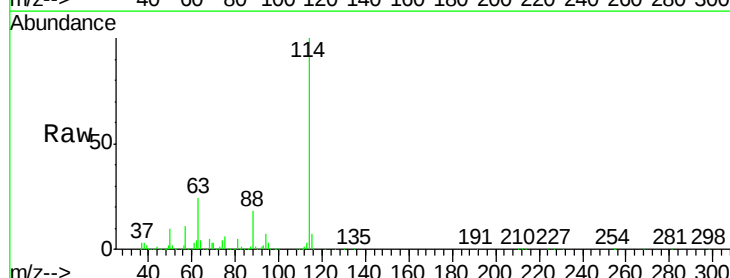
Tgt Ion: 114 Resp: 4589999

Ion Ratio Lower Upper

114 100

63 24.3 19.6 29.4

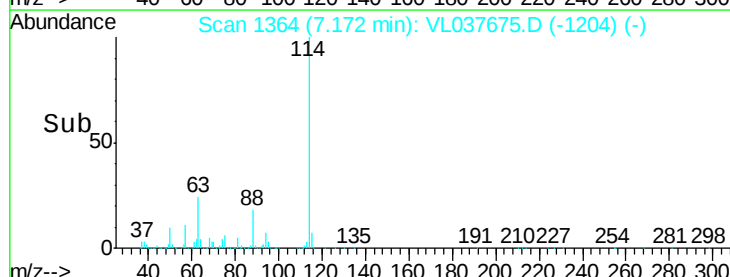
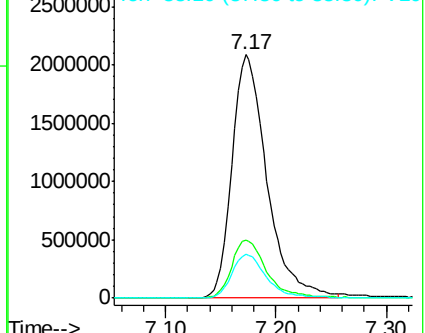
88 17.9 14.2 21.4

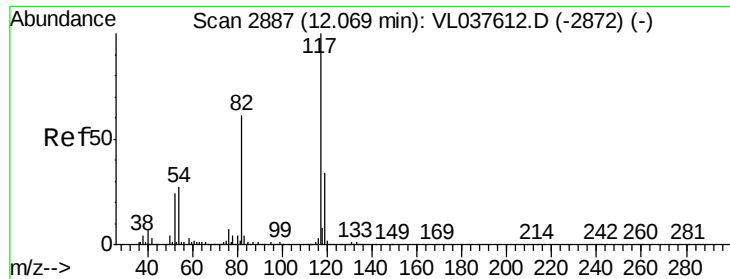


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

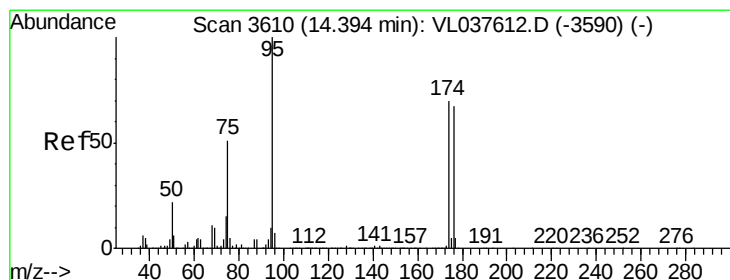
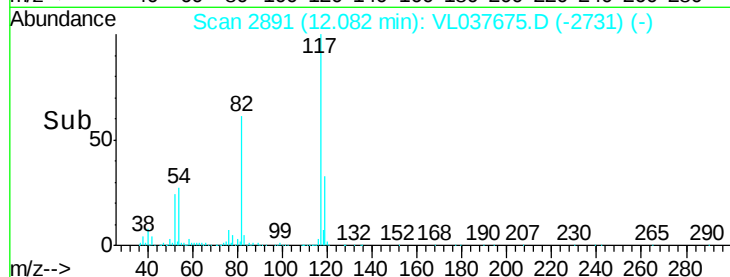
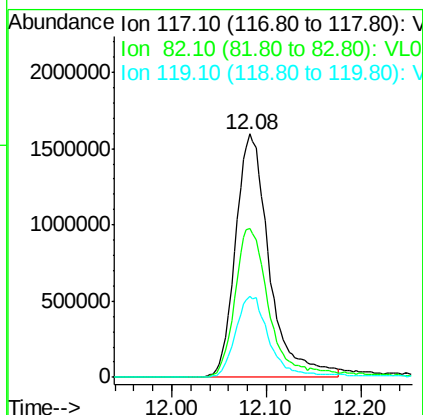
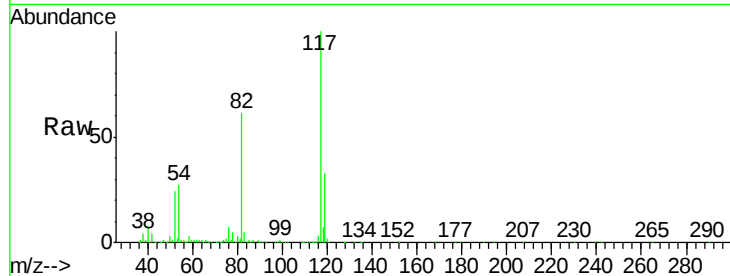




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2891
Delta R.T. 0.01 min
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Tgt Ion: 117 Resp: 3964490
Ion Ratio Lower Upper
117 100
82 64.5 50.6 75.8
119 34.6 26.2 39.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.634 ppbv
RT: 14.41 min Scan# 3616
Delta R.T. 0.02 min
Lab File: VL037675.D
Acq: 27 Sep 2021 11:18

Tgt Ion: 95 Resp: 2760342
Ion Ratio Lower Upper
95 100
174 76.1 56.3 84.5
175 5.8 4.4 6.6

