

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092321\
 Data File : VL037660.D
 Acq On : 23 Sep 2021 13:32
 Operator : SY/AP
 Sample : CAN 10303
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10303

Quant Time: Sep 24 09:49:34 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	1478161	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4379932	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3753621	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2667213	9.83	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.30%

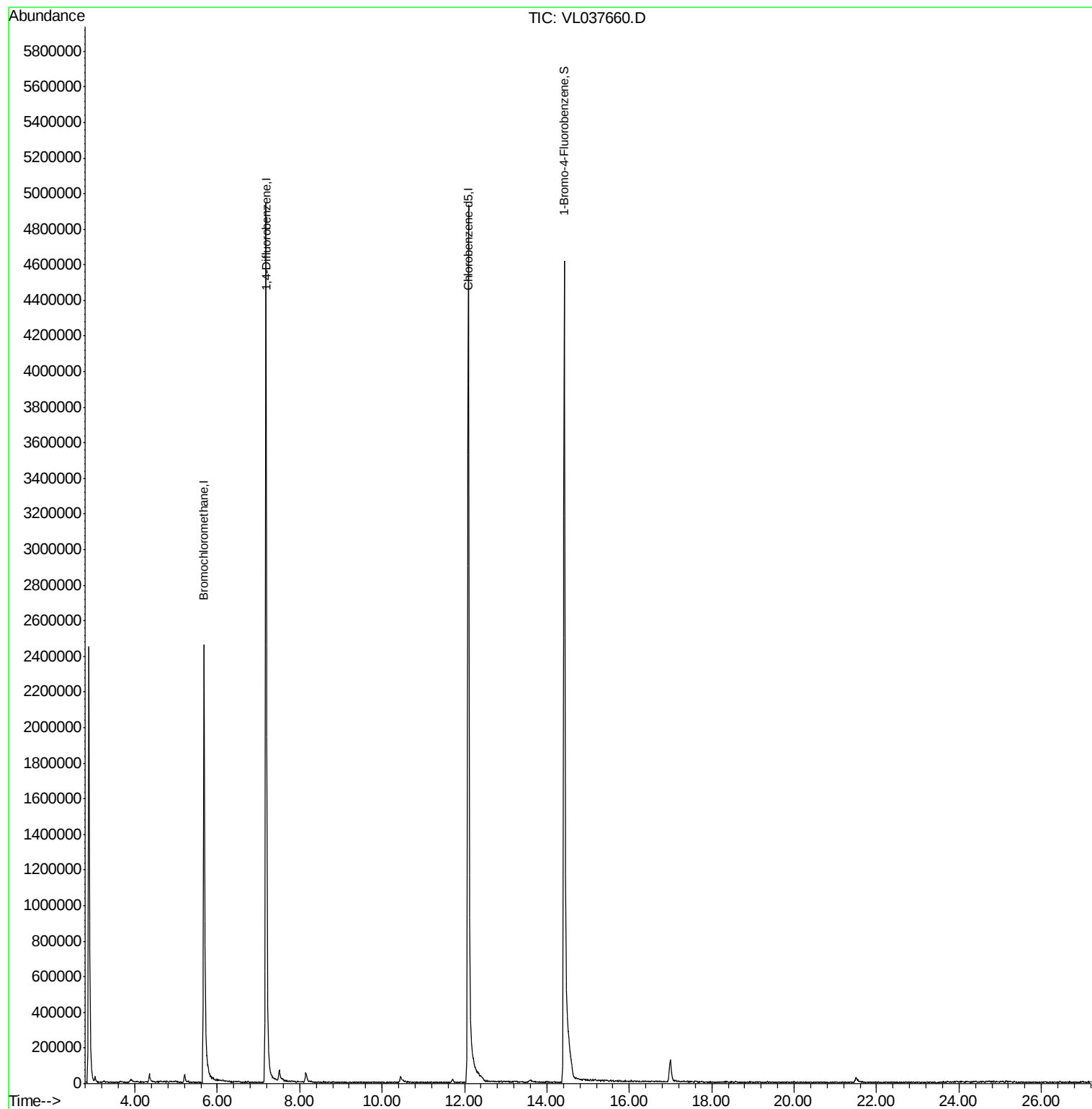
Target Compounds	Qvalue

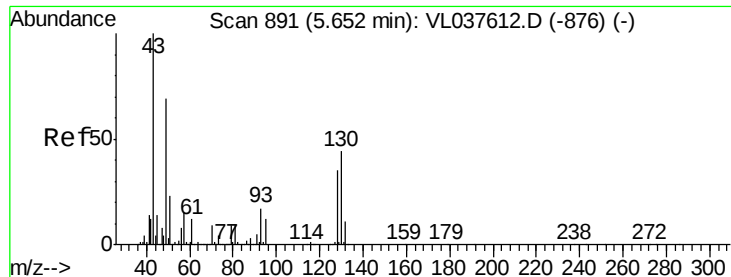
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 897

Delta R.T. 0.02 min

Lab File: VL037660.D

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Instrument :

MSVOA_L

ClientSampleId :

CAN 10303

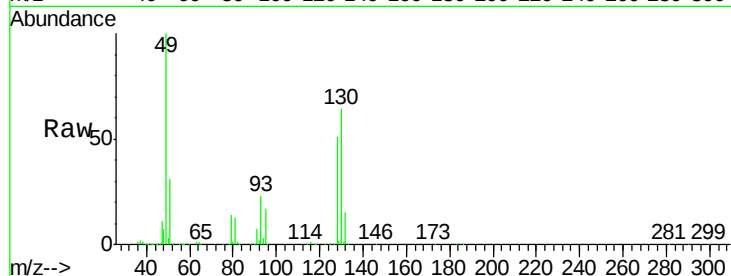
Tgt Ion: 49 Resp: 1478161

Ion Ratio Lower Upper

49 100

128 54.3 27.9 83.6

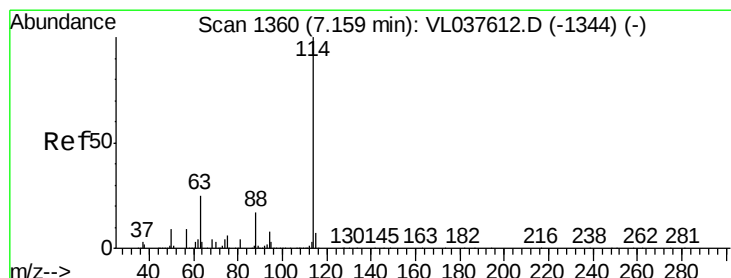
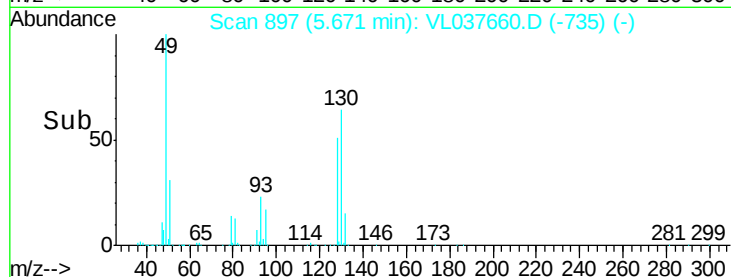
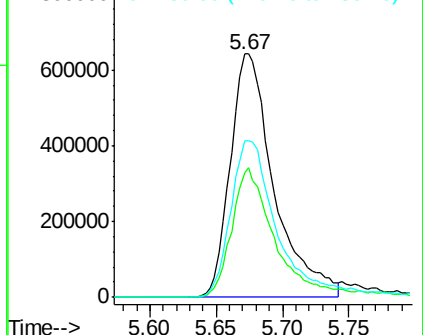
130 70.5 33.9 101.7



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: 7.18 min Scan# 1367

Delta R.T. 0.02 min

Lab File: VL037660.D

Acq: 23 Sep 2021 13:32

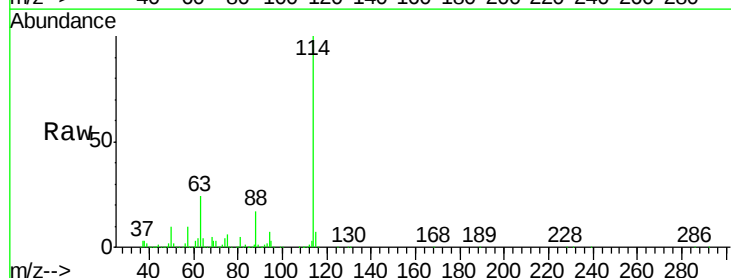
Tgt Ion: 114 Resp: 4379932

Ion Ratio Lower Upper

114 100

63 24.4 19.6 29.4

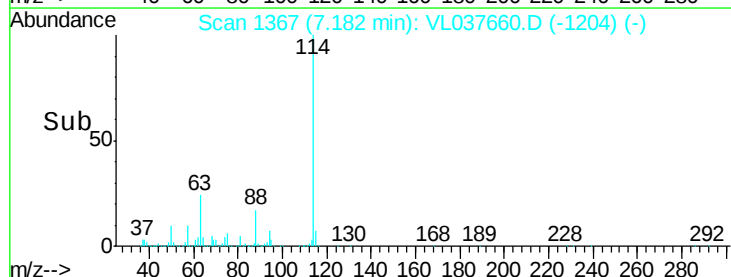
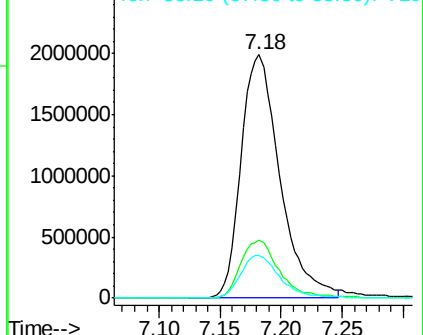
88 18.0 14.2 21.4

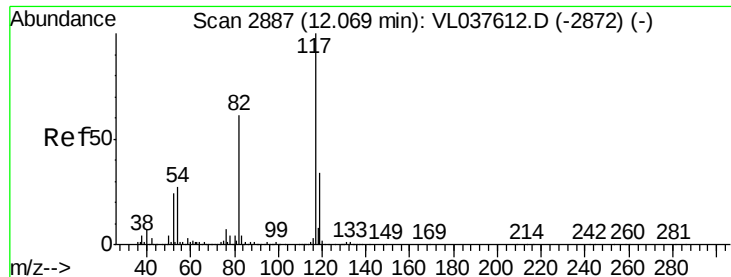


Abundance Ion 114.10 (113.80 to 114.80): VL0

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: 12.09 min Scan# 2894

Delta R.T. 0.02 min

Lab File: VL037660.D

Acq: 23 Sep 2021 13:32

Instrument :

MSVOA_L

ClientSampleId :

CAN 10303

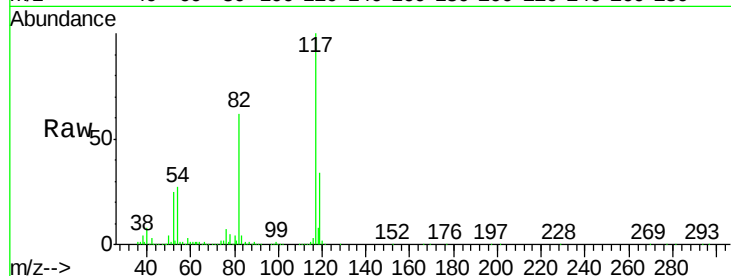
Tgt Ion: 117 Resp: 3753621

Ion Ratio Lower Upper

117 100

82 64.9 50.6 75.8

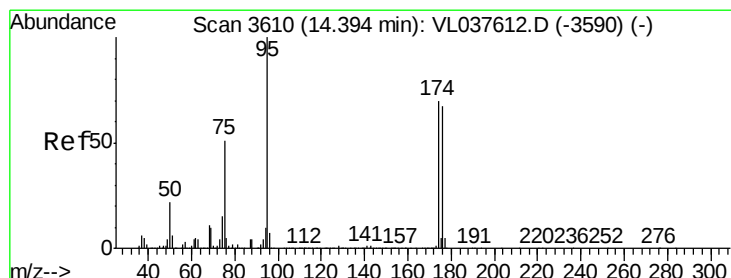
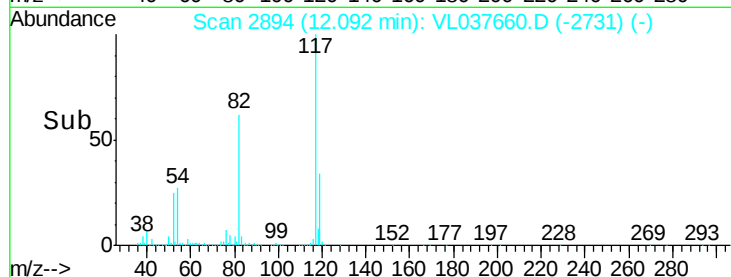
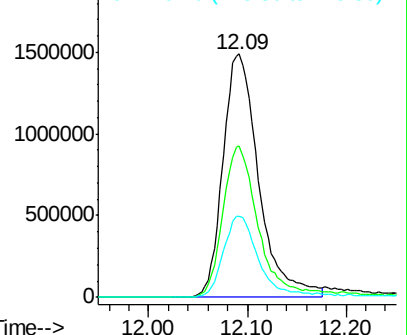
119 35.4 26.2 39.2



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): V

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.832 ppbv

RT: 14.42 min Scan# 3618

Delta R.T. 0.03 min

Lab File: VL037660.D

Acq: 23 Sep 2021 13:32

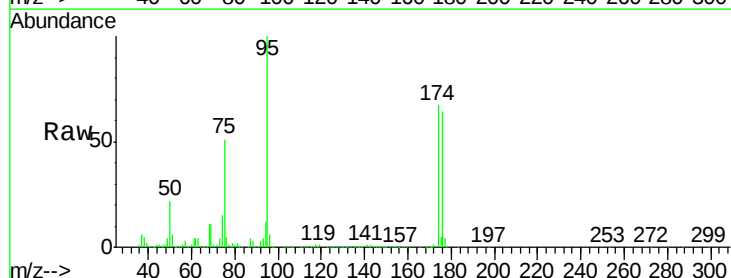
Tgt Ion: 95 Resp: 2667213

Ion Ratio Lower Upper

95 100

174 75.4 56.3 84.5

175 5.7 4.4 6.6



Abundance Ion 95.10 (94.80 to 95.80): V

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

