

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100721\
 Data File : VL037797.D
 Acq On : 7 Oct 2021 15:11
 Operator : SY/AP
 Sample : VL1007ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1007ABL01

Quant Time: Oct 08 10:34:23 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1211266	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3552760	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	3028026	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2078039	9.81	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.10%

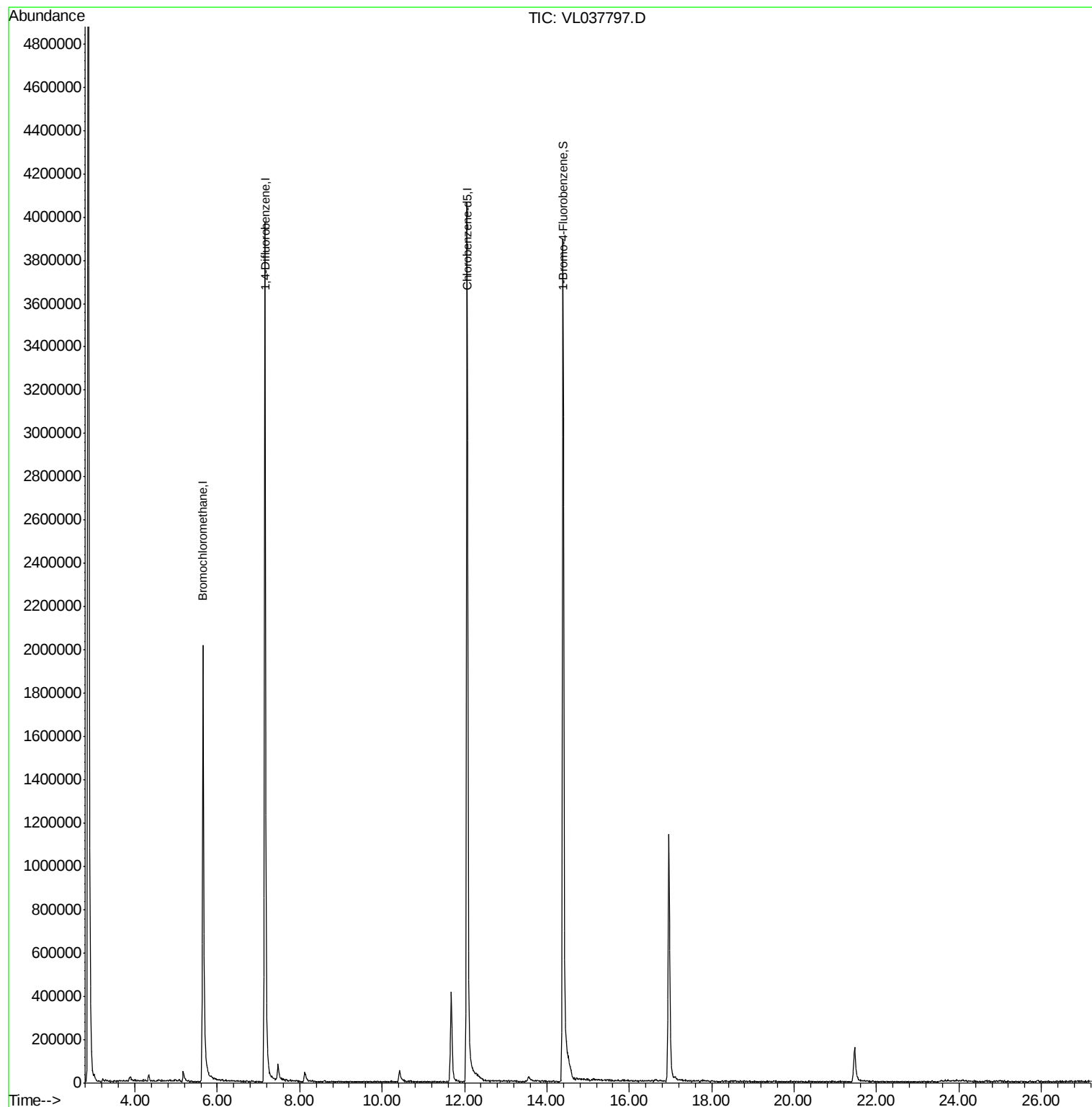
Target Compounds	Qvalue

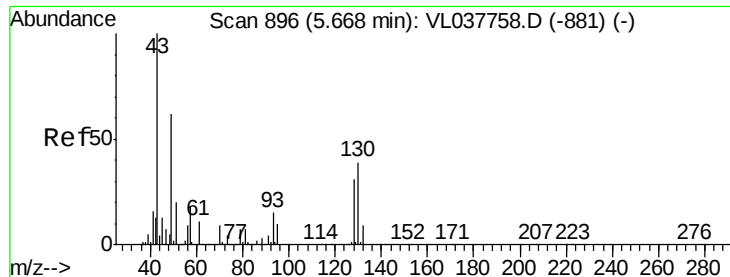
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.02 min

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MSVOA_L

ClientSampleId :

VL1007ABL01

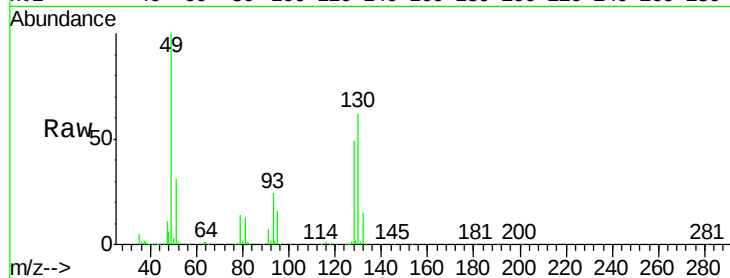
Tgt Ion: 49 Resp: 1211266

Ion Ratio Lower Upper

49 100

128 53.6 27.1 81.3

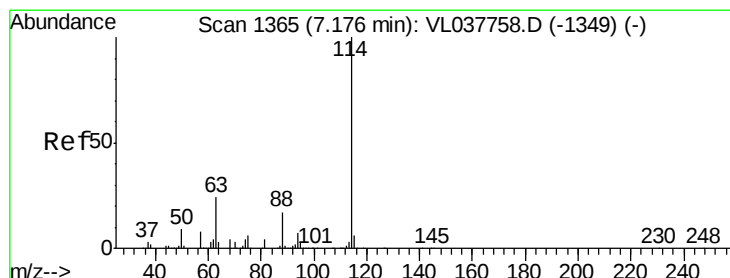
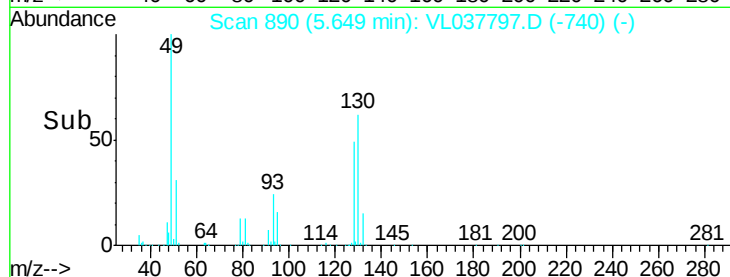
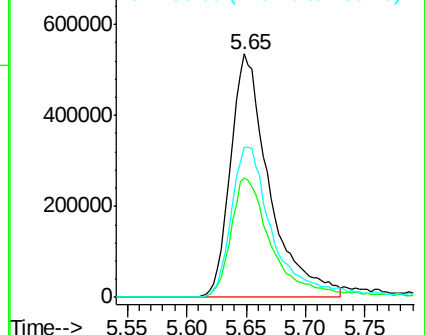
130 68.9 33.2 99.6



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: 7.16 min Scan# 1359

Delta R.T. -0.02 min

Lab File: VL037797.D

Acq: 7 Oct 2021 15:11

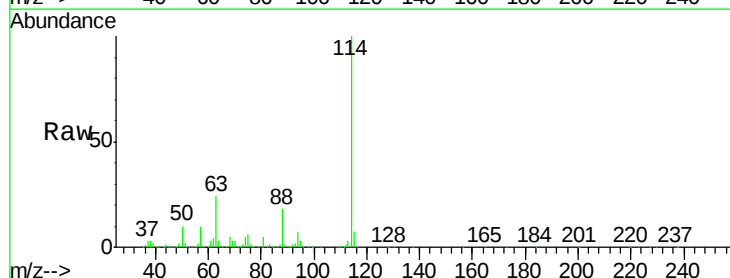
Tgt Ion: 114 Resp: 3552760

Ion Ratio Lower Upper

114 100

63 23.8 19.4 29.2

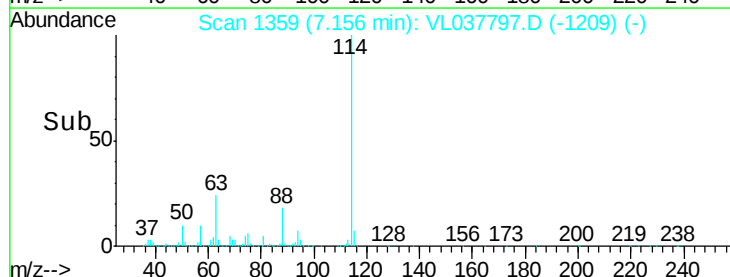
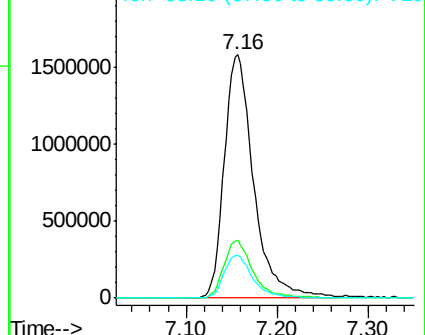
88 17.6 14.4 21.6

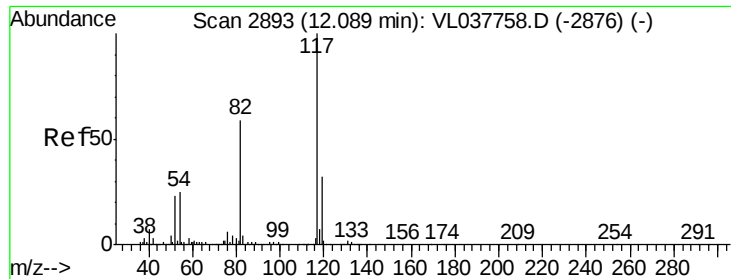


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

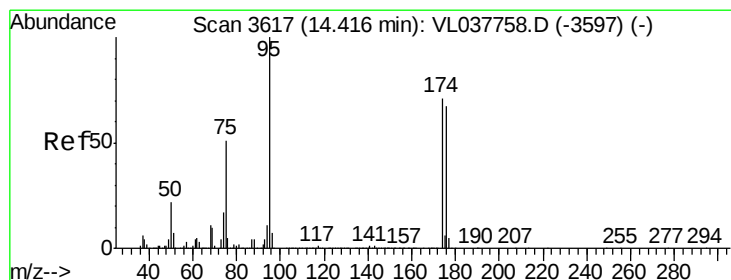
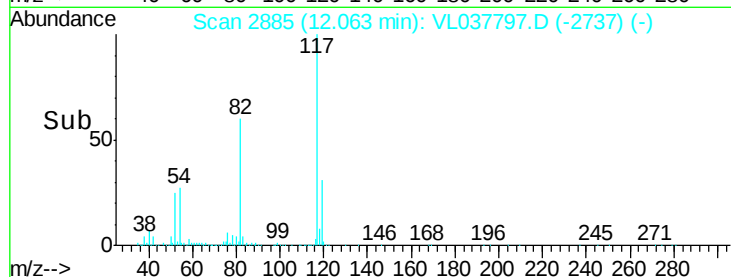
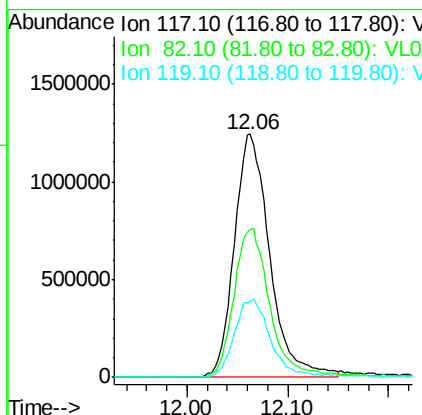
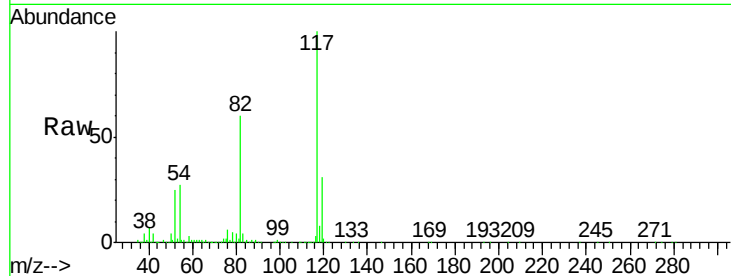




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2885
Delta R.T. -0.03 min
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Tgt Ion: 117 Resp: 3028026
Ion Ratio Lower Upper
117 100
82 63.2 52.2 78.2
119 33.6 26.0 39.0



#68
1-Bromo-4-Fluorobenzene
Concen: 9.814 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.03 min
Lab File: VL037797.D
Acq: 7 Oct 2021 15:11

Tgt Ion: 95 Resp: 2078039
Ion Ratio Lower Upper
95 100
174 74.8 57.8 86.6
175 5.6 4.7 7.1

