

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092321\
 Data File : VL037655.D
 Acq On : 23 Sep 2021 10:22
 Operator : SY/AP
 Sample : VL0923ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0923ABL01

Quant Time: Sep 24 06:45:21 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	1600026	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4713517	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	4093340	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2870438	9.70	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.00%

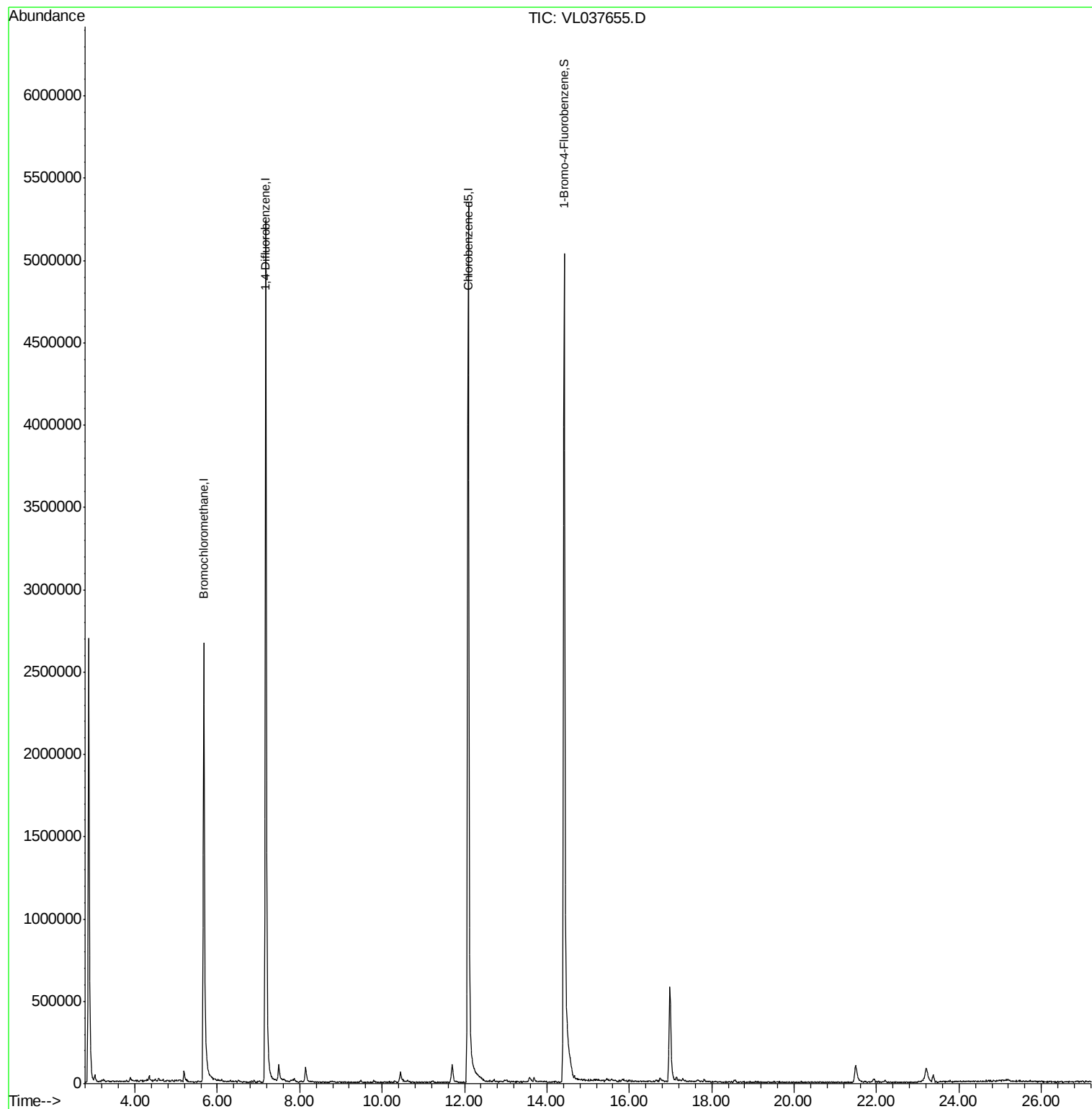
Target Compounds	Qvalue

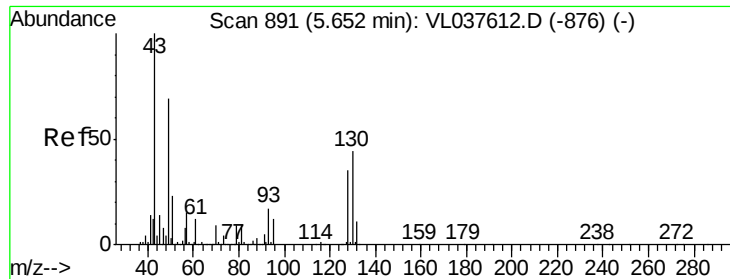
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 min Scan# 896

Delta R.T. 0.02 min

Lab File: VL037655.D

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Instrument :

MSVOA_L

ClientSampleId :

VL0923ABL01

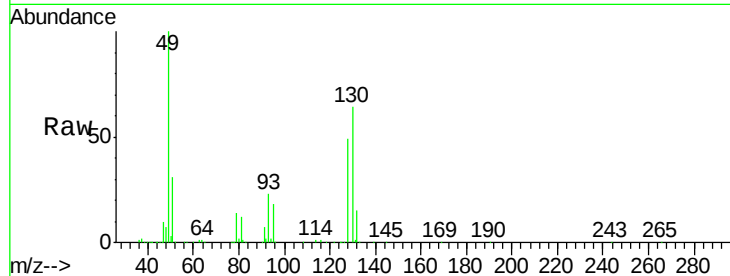
Tgt Ion: 49 Resp: 1600026

Ion Ratio Lower Upper

49 100

128 54.1 27.9 83.6

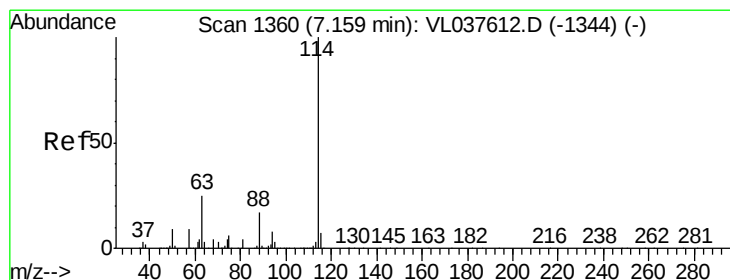
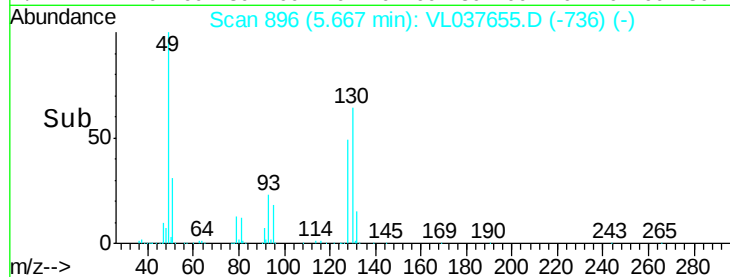
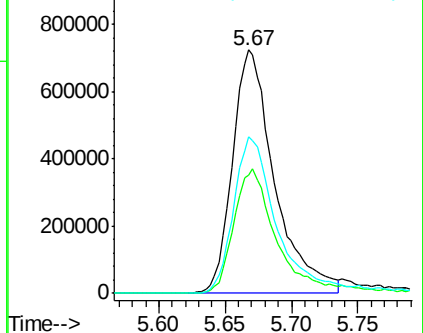
130 70.0 33.9 101.7



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# 1365

Delta R.T. 0.02 min

Lab File: VL037655.D

Acq: 23 Sep 2021 10:22

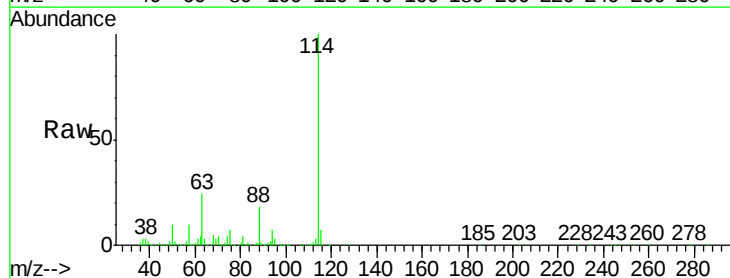
Tgt Ion: 114 Resp: 4713517

Ion Ratio Lower Upper

114 100

63 24.2 19.6 29.4

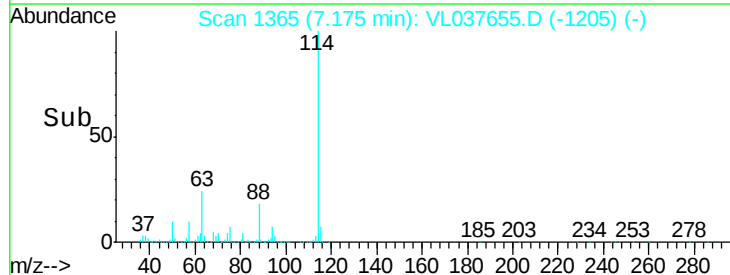
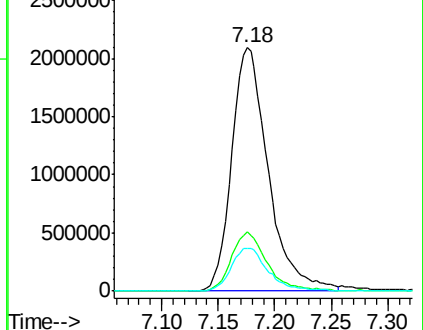
88 18.1 14.2 21.4

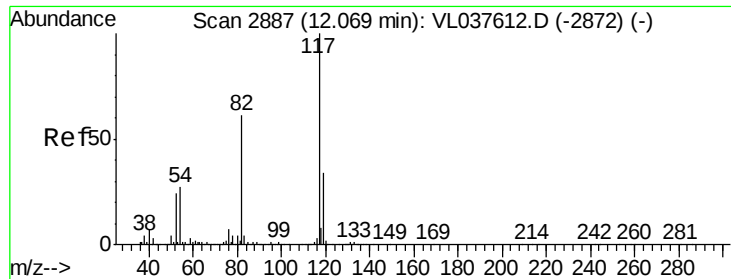


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

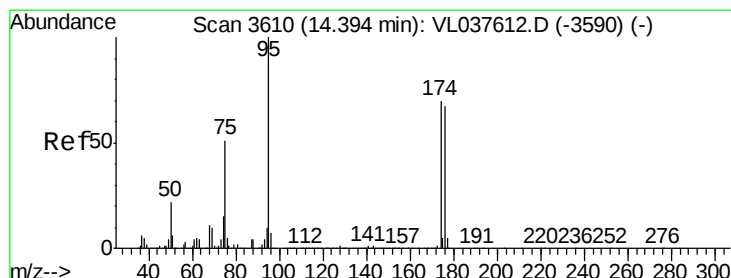
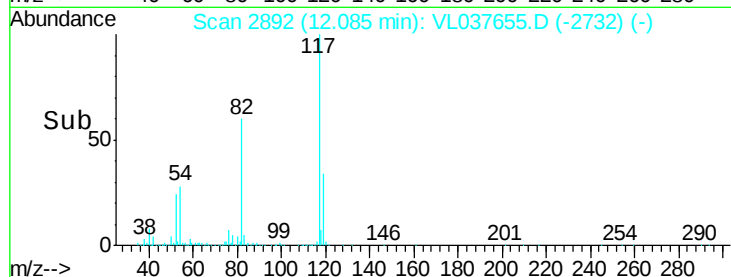
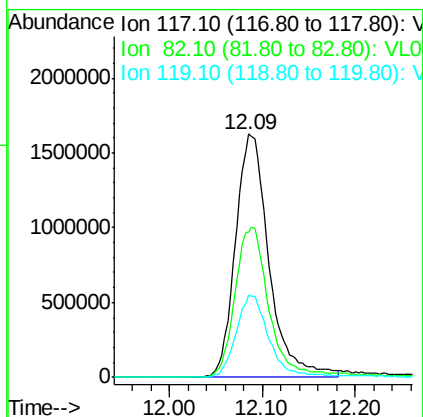
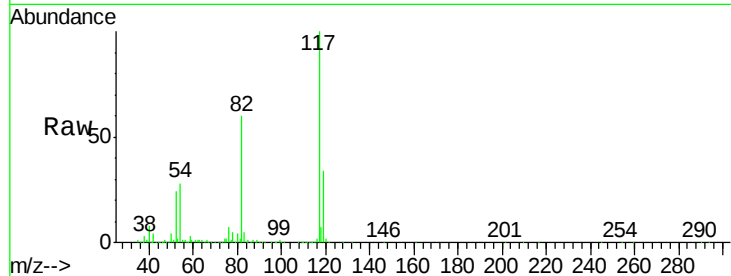




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min Scan# 2892
Delta R.T. 0.02 min
Lab File: VL037655.D
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Tgt Ion: 117 Resp: 4093340
Ion Ratio Lower Upper
117 100
82 62.9 50.6 75.8
119 33.7 26.2 39.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.703 ppbv
RT: 14.42 min Scan# 3617
Delta R.T. 0.02 min
Lab File: VL037655.D
Acq: 23 Sep 2021 10:22

Tgt Ion: 95 Resp: 2870438
Ion Ratio Lower Upper
95 100
174 75.9 56.3 84.5
175 5.7 4.4 6.6

