

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092721\
 Data File : VL037673.D
 Acq On : 27 Sep 2021 10:01
 Operator : SY/AP
 Sample : VL0927ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0927ABL01

Quant Time: Sep 28 02:01:52 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	5.66	49	1670675	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.17	114	4754817	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.08	117	4123921	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2841048	9.53	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.30%

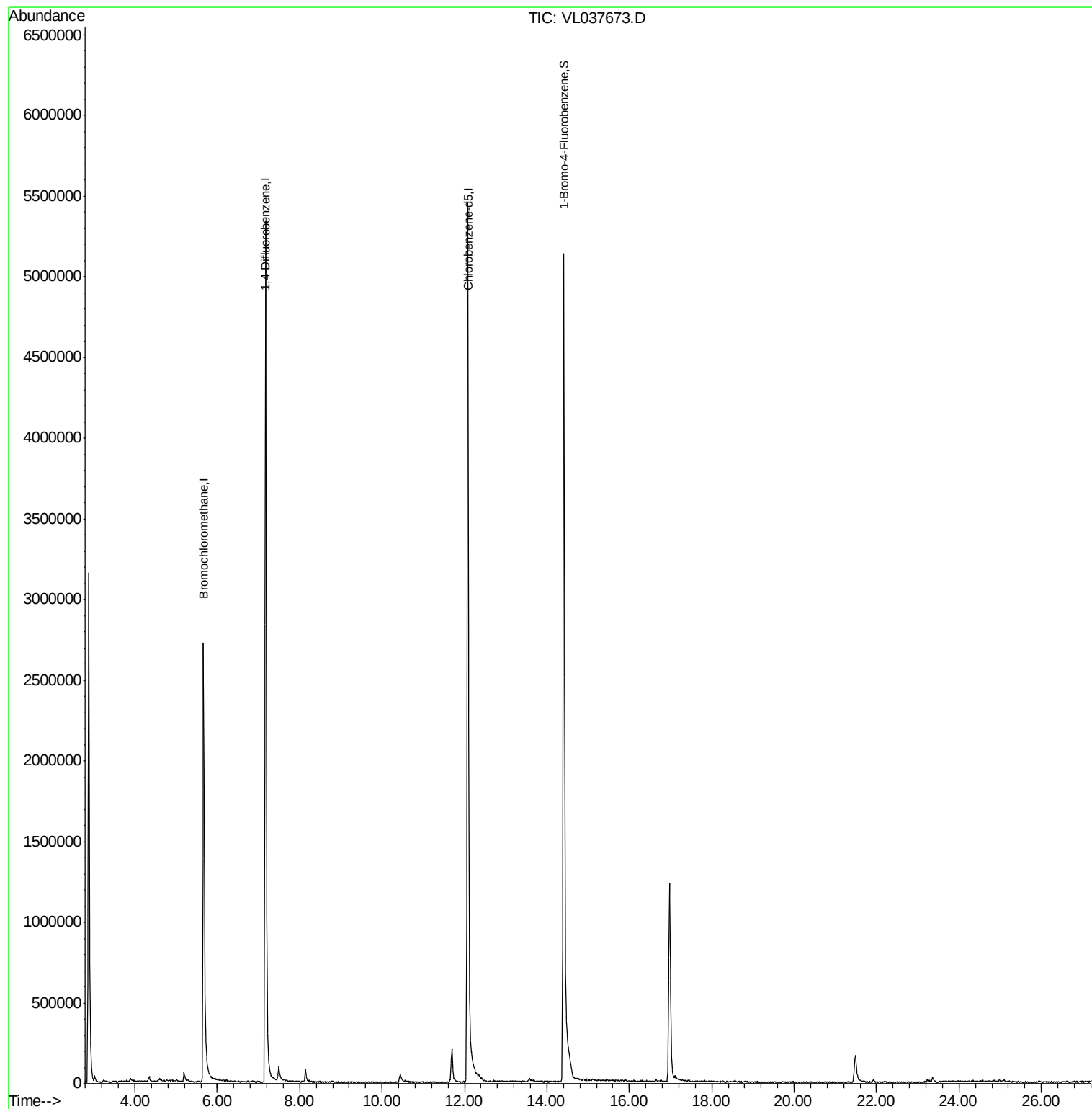
Target Compounds	Qvalue

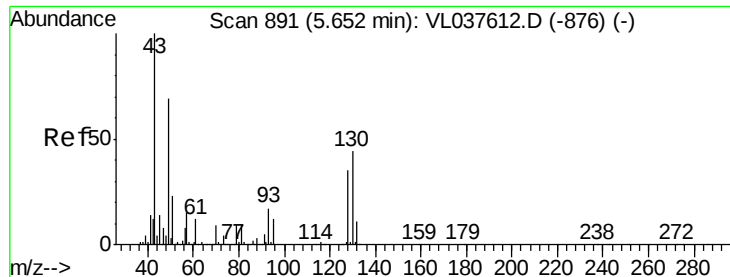
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL092721\
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Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 min Scan# 895

Delta R.T. 0.01 min

Lab File: VL037673.D

Acq: 27 Sep 2021 10:01

Instrument :

MSVOA_L

ClientSampleId :

VL0927ABL01

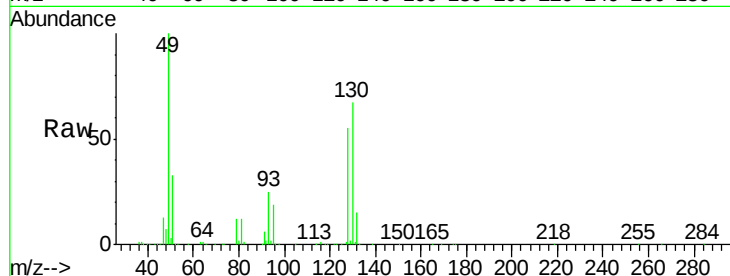
Tgt Ion: 49 Resp: 1670675

Ion Ratio Lower Upper

49 100

128 53.4 27.9 83.6

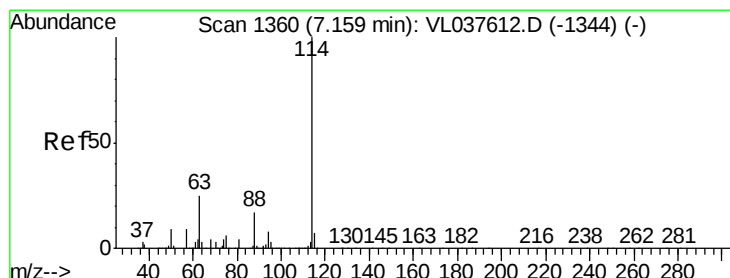
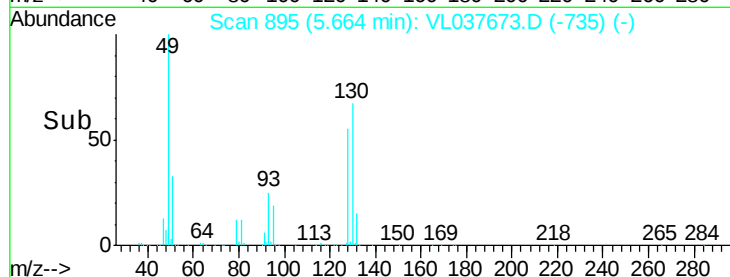
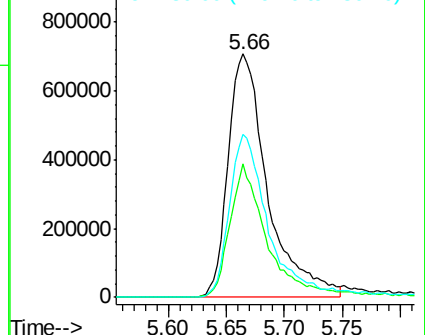
130 68.7 33.9 101.7



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: VL037673.D

Acq: 27 Sep 2021 10:01

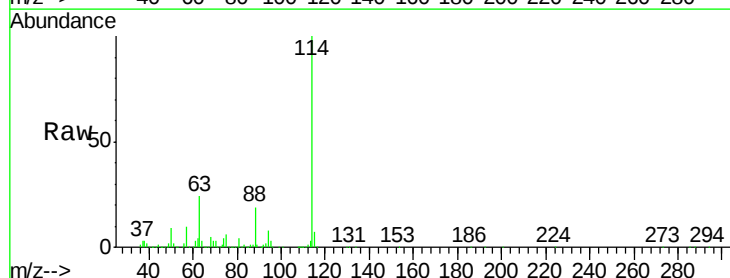
Tgt Ion: 114 Resp: 4754817

Ion Ratio Lower Upper

114 100

63 24.5 19.6 29.4

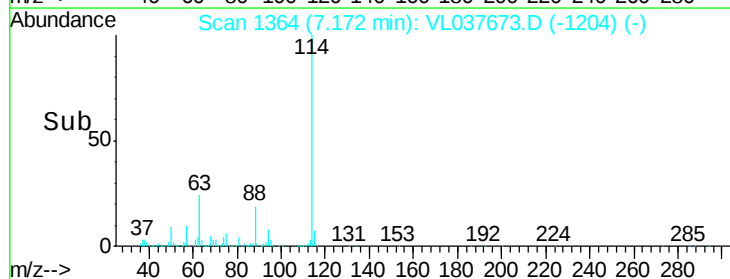
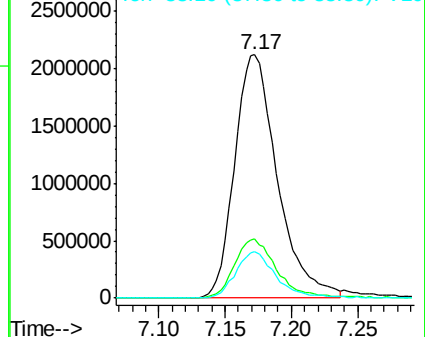
88 18.6 14.2 21.4

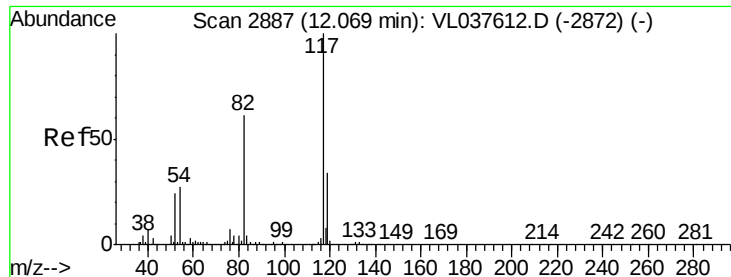


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

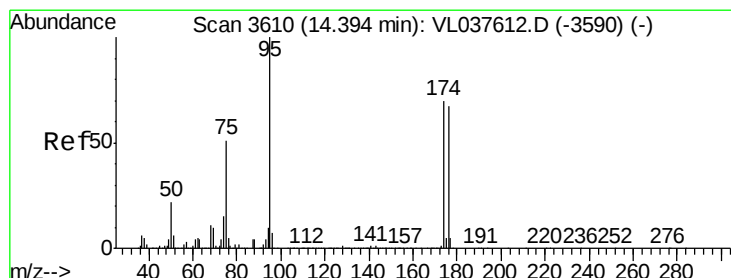
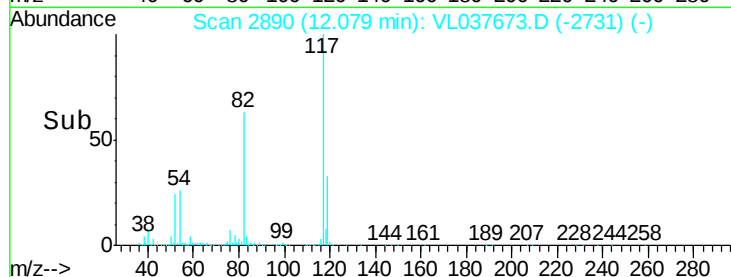
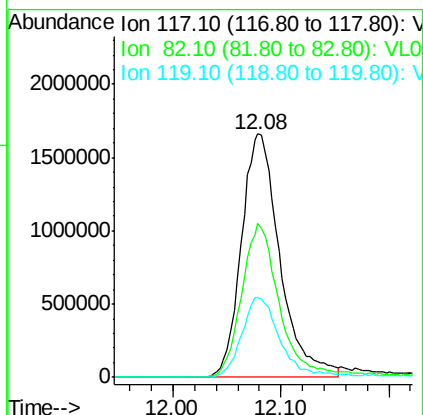
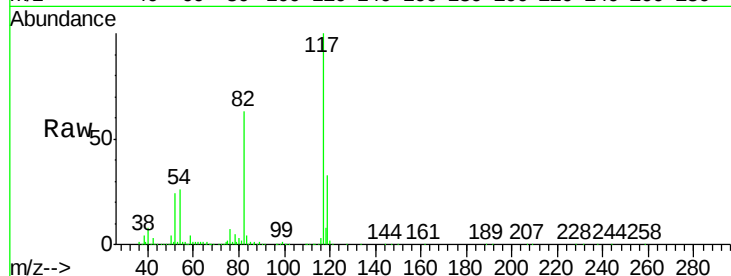




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.08 min Scan# 2890
Delta R.T. 0.01 min
Lab File: VL037673.D
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Instrument :
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Tgt Ion: 117 Resp: 4123921
Ion Ratio Lower Upper
117 100
82 64.5 50.6 75.8
119 34.1 26.2 39.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.533 ppbv
RT: 14.41 min Scan# 3614
Delta R.T. 0.01 min
Lab File: VL037673.D
Acq: 27 Sep 2021 10:01

Tgt Ion: 95 Resp: 2841048
Ion Ratio Lower Upper
95 100
174 76.9 56.3 84.5
175 5.3 4.4 6.6

