

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
 Data File : VL037722.D
 Acq On : 29 Sep 2021 3:33
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Sep 29 06:10:13 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	1265452	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	3859473	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3214983	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2211273	9.52	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.20%

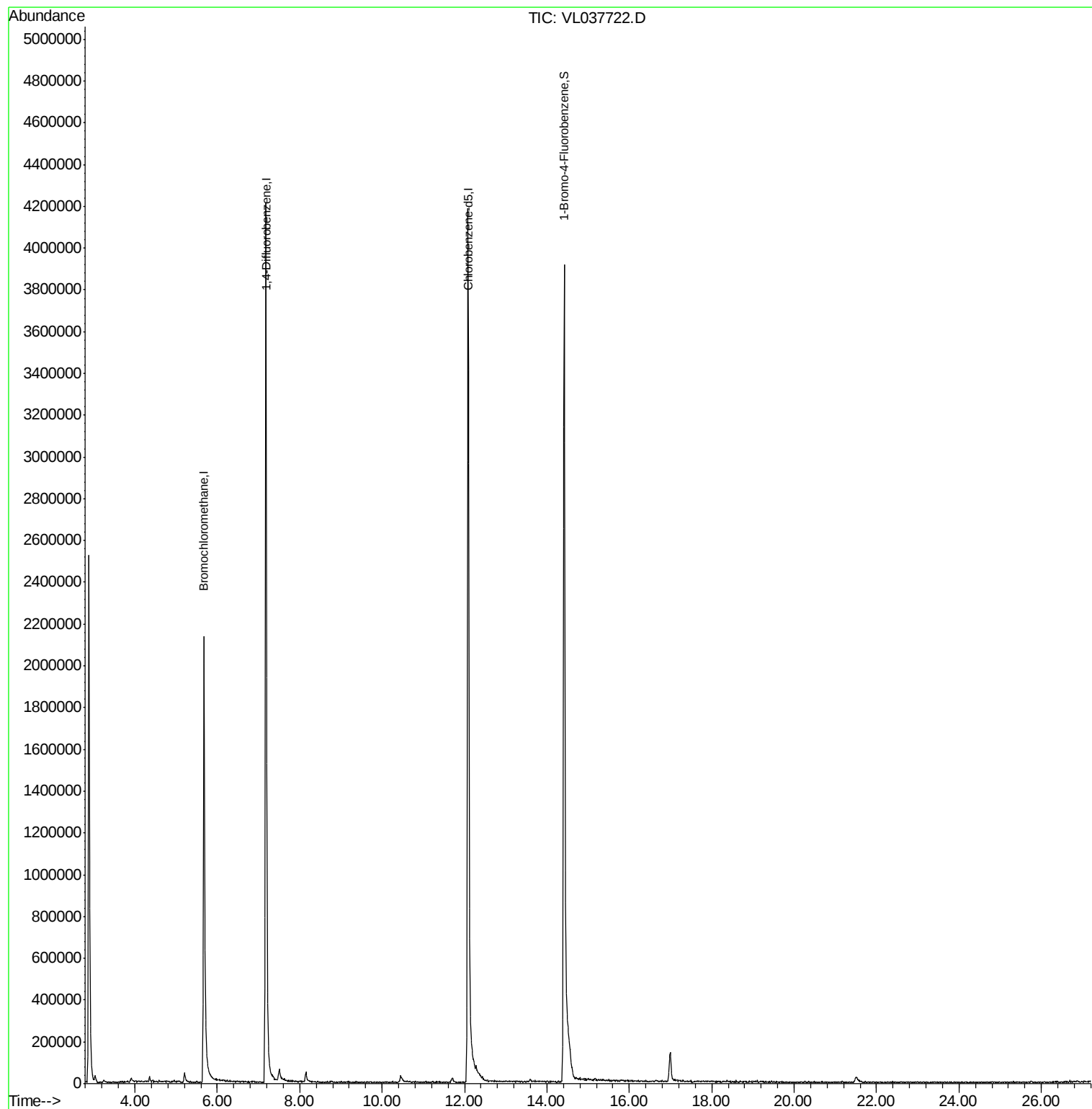
Target Compounds	Qvalue

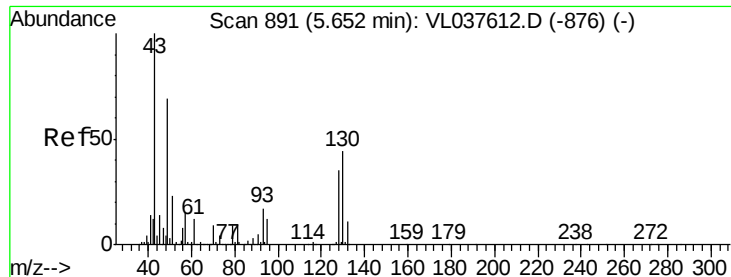
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 29 Sep 2021 3:33

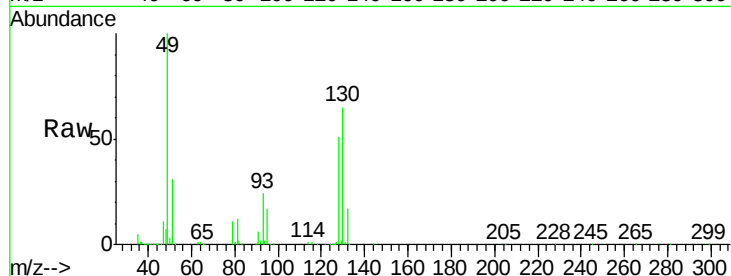
Tgt Ion: 49 Resp: 1265452

Ion Ratio Lower Upper

49 100

128 54.3 27.9 83.6

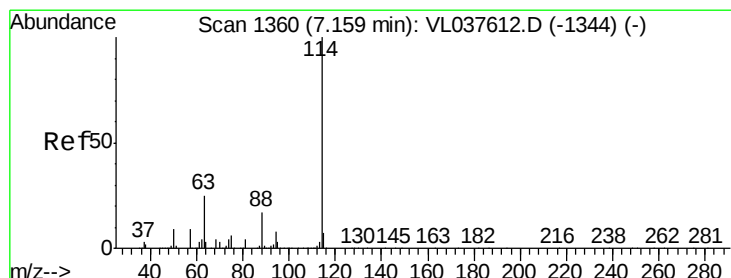
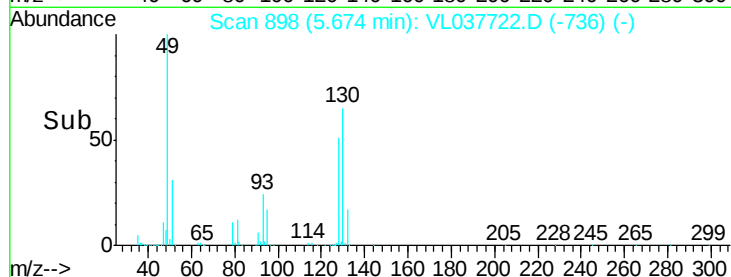
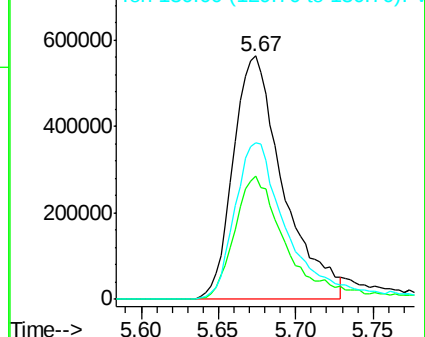
130 71.6 33.9 101.7



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# 1366

Delta R.T. 0.02 min

Lab File: VL037722.D

Acq: 29 Sep 2021 3:33

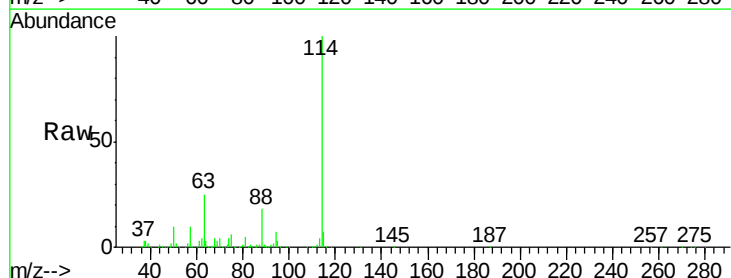
Tgt Ion: 114 Resp: 3859473

Ion Ratio Lower Upper

114 100

63 24.0 19.6 29.4

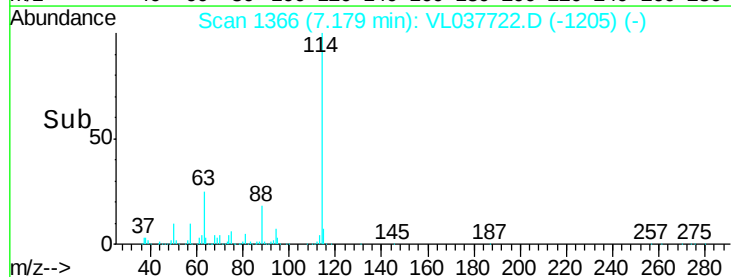
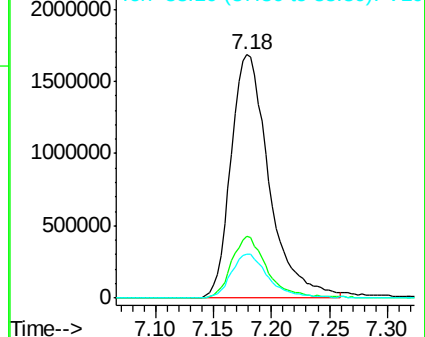
88 17.8 14.2 21.4

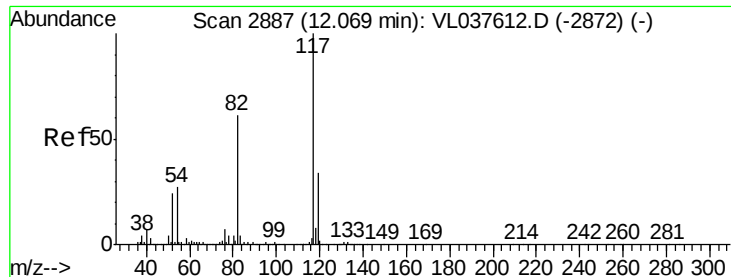


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

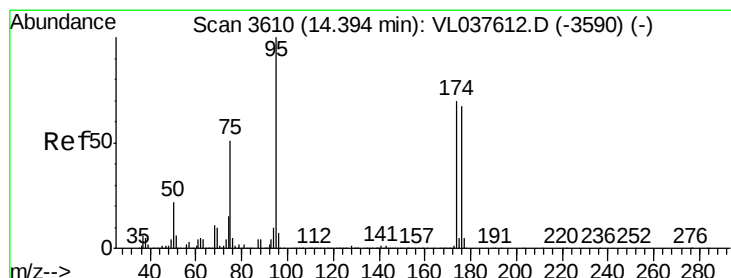
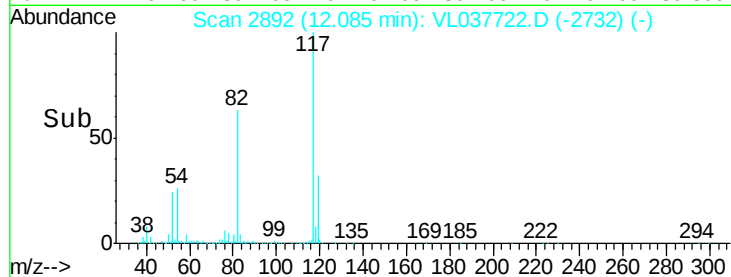
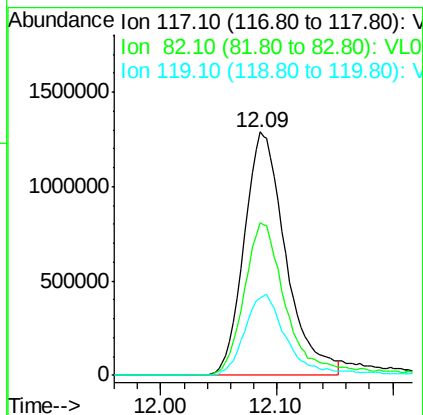
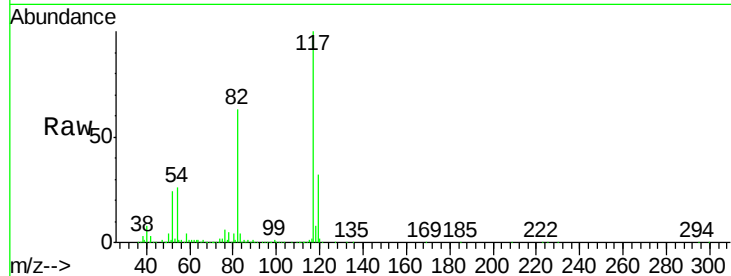
Ion 88.10 (87.80 to 88.80): VL0





#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId :
 Acq: 29 Sep 2021 3:33

Tgt Ion: 117 Resp: 3214983
 Ion Ratio Lower Upper
 117 100
 82 65.5 50.6 75.8
 119 35.0 26.2 39.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.517 ppbv
 RT: 14.42 min Scan# 3617
 Delta R.T.: 0.02 min
 Lab File: VL037722.D
 Acq: 29 Sep 2021 3:33

Tgt Ion: 95 Resp: 2211273
 Ion Ratio Lower Upper
 95 100
 174 81.3 56.3 84.5
 175 2.8 4.4 6.6#

