

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091621\
 Data File : VL037633.D
 Acq On : 17 Sep 2021 2:36
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Sep 17 06:53:54 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	5.65	49	1521108	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4399429	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3633759	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2408258	9.17	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.70%

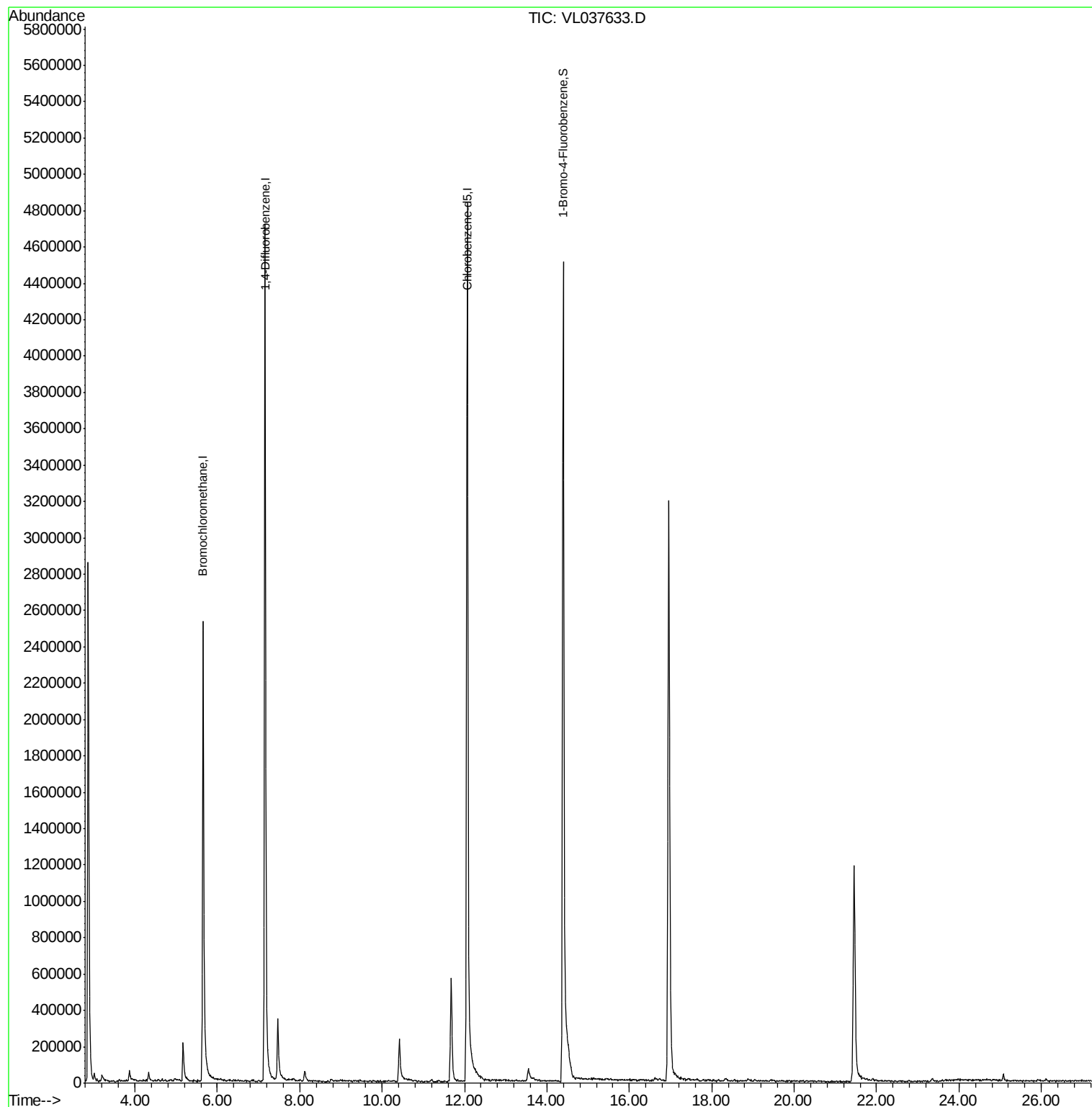
Target Compounds	Ovalue

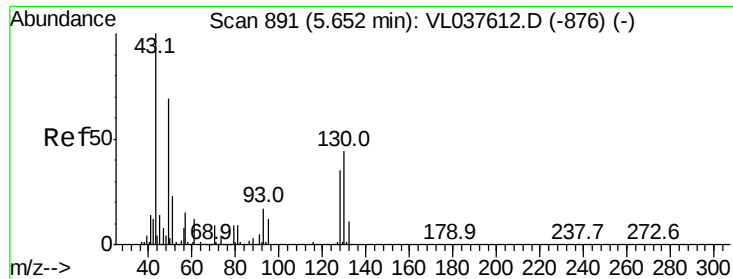
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. 0.00 min

Lab File: VL037633.D

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

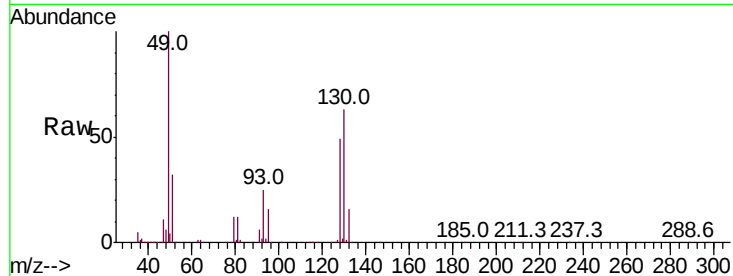
Tot Ion: 49 Resp: 1521108

Ion Ratio Lower Upper

49 100

128 53.1 27.9 83.6

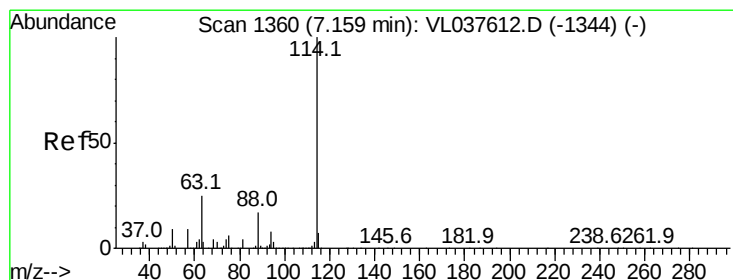
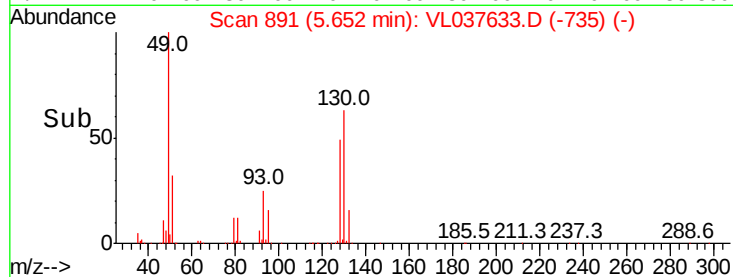
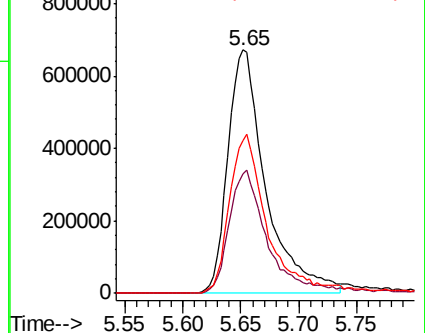
130 67.9 33.9 101.7



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: 7.16 min Scan# 1360

Delta R.T. 0.00 min

Lab File: VL037633.D

Acq: 17 Sep 2021 2:36

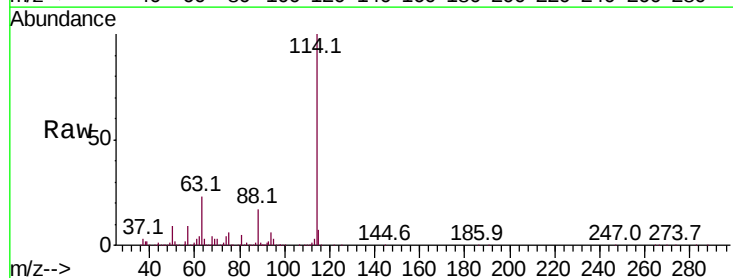
Tgt Ion: 114 Resp: 4399429

Ion Ratio Lower Upper

114 100

63 23.5 19.6 29.4

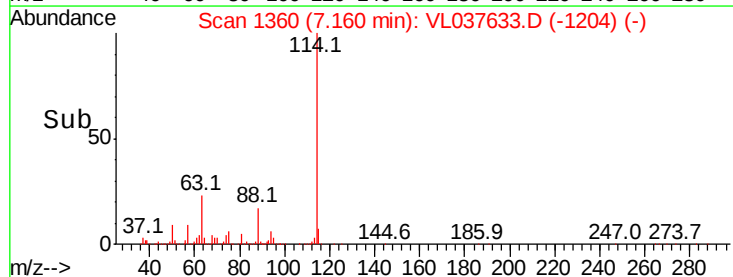
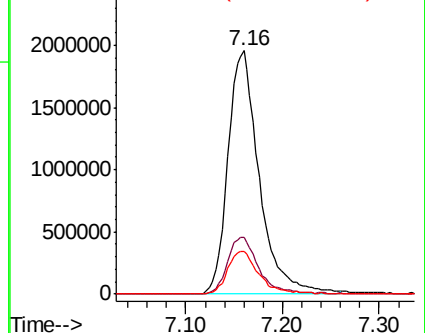
88 17.9 14.2 21.4

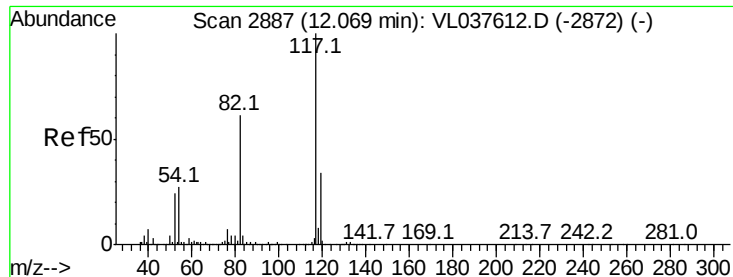


Abundance Ion 114.10 (113.80 to 114.80): VL0

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: 12.07 min Scan# 2886

Delta R.T. -0.00 min

Lab File: VL037633.D

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ClientSampleId :

VIBLK

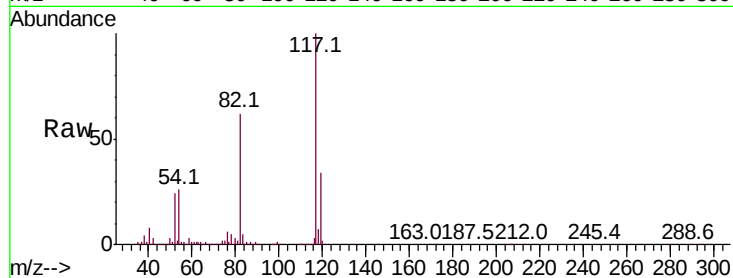
Tot Ion:117 Resp: 3633759

Ion Ratio Lower Upper

117 100

82 66.6 50.6 75.8

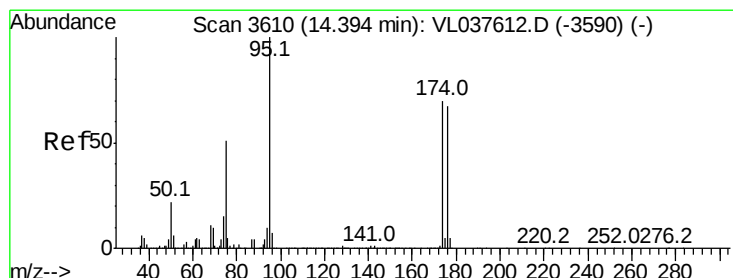
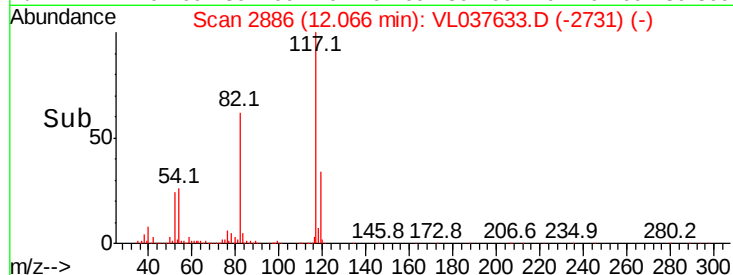
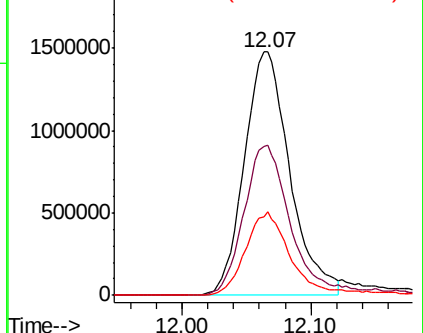
119 35.5 26.2 39.2



Abundance Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V



#68

1-Bromo-4-Fluorobenzene

Concen: 9.170 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. 0.00 min

Lab File: VL037633.D

Acq: 17 Sep 2021 2:36

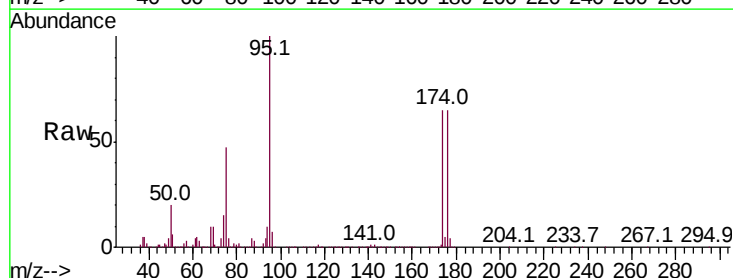
Tgt Ion: 95 Resp: 2408258

Ion Ratio Lower Upper

95 100

174 84.4 56.3 84.5

175 6.3 4.4 6.6



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

