

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
Data File : VL037706.D
Acq On : 28 Sep 2021 17:31
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Sep 29 04:30:40 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	5.68	49	1321668	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.19	114	4022779	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.10	117	3387906	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2359363	9.64	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.40%

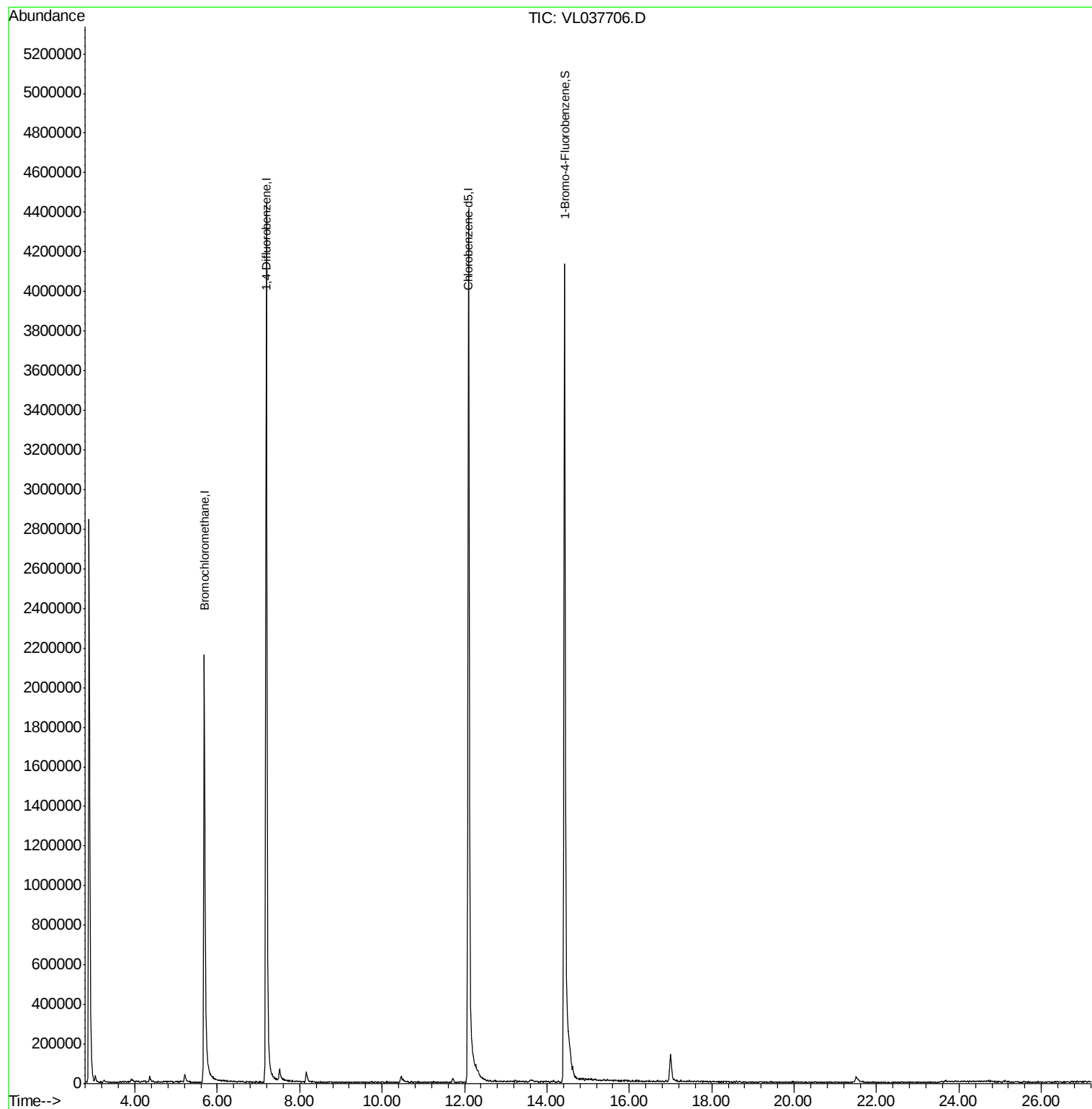
Target Compounds	Qvalue
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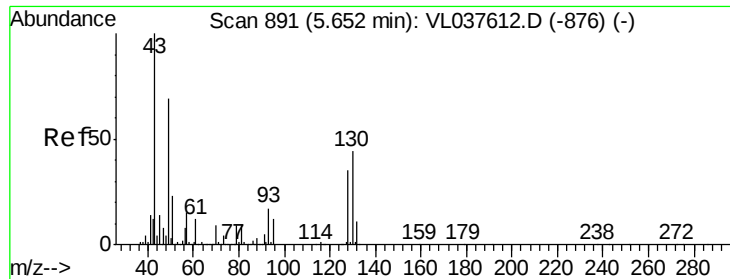
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VIBLK

Acq: 28 Sep 2021 17:31

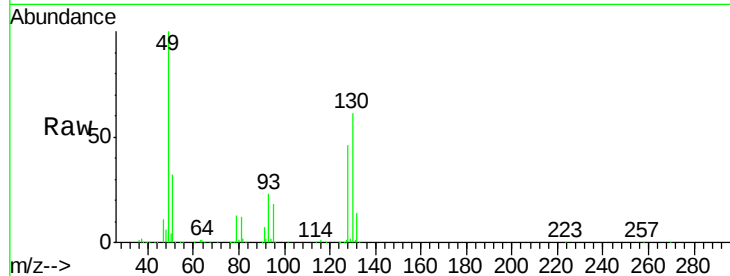
Tgt Ion: 49 Resp: 1321668

Ion Ratio Lower Upper

49 100

128 55.0 27.9 83.6

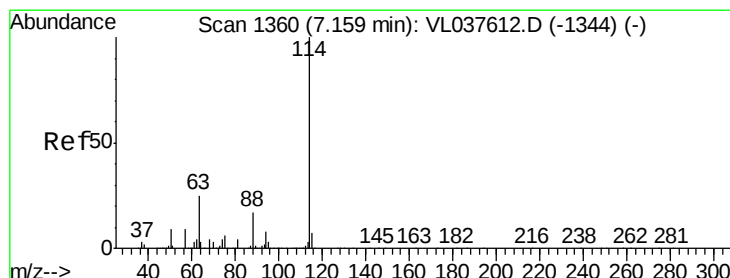
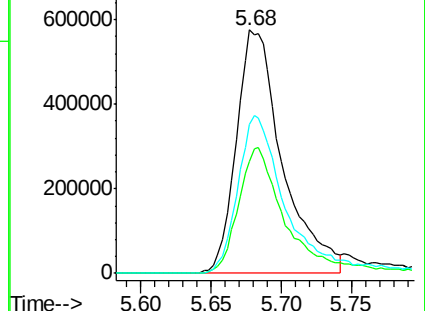
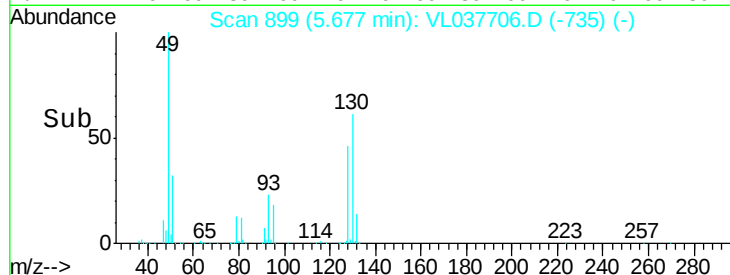
130 71.2 33.9 101.7



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: 7.19 min Scan# 1369

Delta R.T. 0.03 min

Lab File: VL037706.D

Acq: 28 Sep 2021 17:31

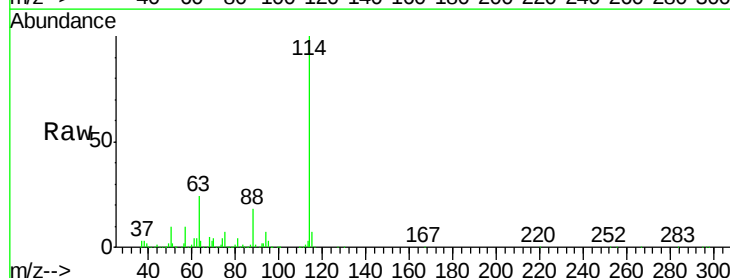
Tgt Ion: 114 Resp: 4022779

Ion Ratio Lower Upper

114 100

63 24.2 19.6 29.4

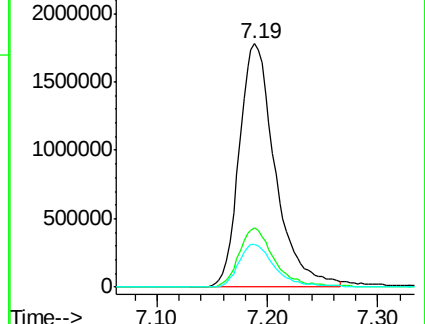
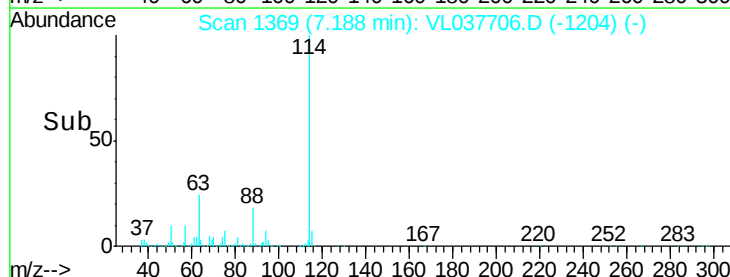
88 18.0 14.2 21.4

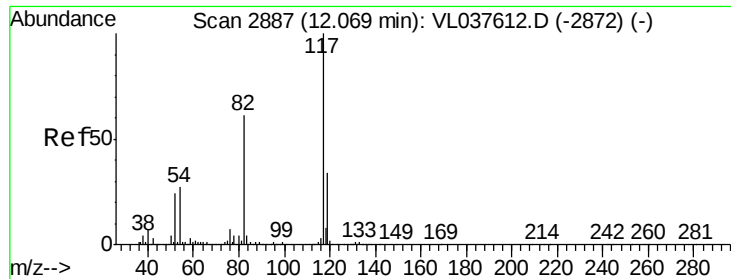


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

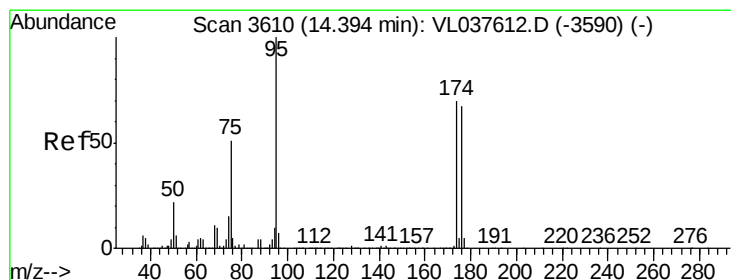
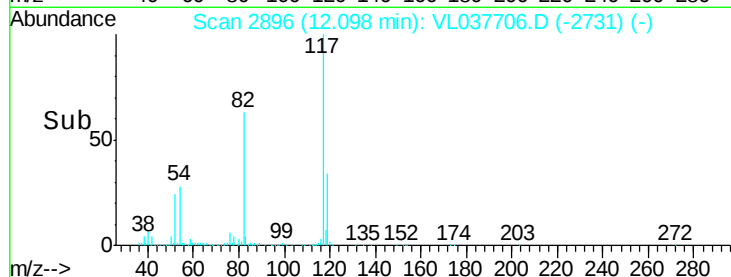
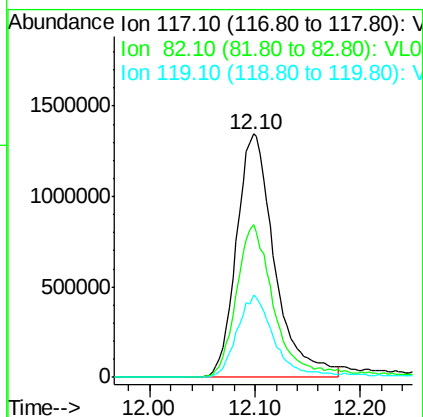
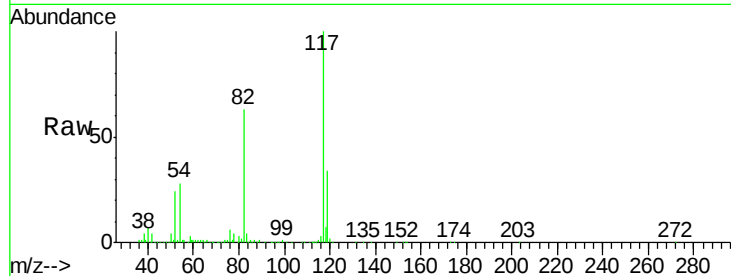




#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.10 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VIBLK
 Acq: 28 Sep 2021 17:31

Tgt Ion: 117 Resp: 3387906

Ion	Ratio	Lower	Upper
117	100		
82	67.1	50.6	75.8
119	33.9	26.2	39.2



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.636 ppbv
 RT: 14.43 min Scan# 3621
 Delta R.T.: 0.04 min
 Lab File: VL037706.D
 Acq: 28 Sep 2021 17:31

Tgt Ion: 95 Resp: 2359363

Ion	Ratio	Lower	Upper
95	100		
174	78.4	56.3	84.5
175	5.9	4.4	6.6

