

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091721\
Data File : VL037643.D
Acq On : 17 Sep 2021 16:01
Operator : SY/AP
Sample : VIBLK
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Sep 18 07:20:34 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	1402475	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4151188	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3482267	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2530976	10.06	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

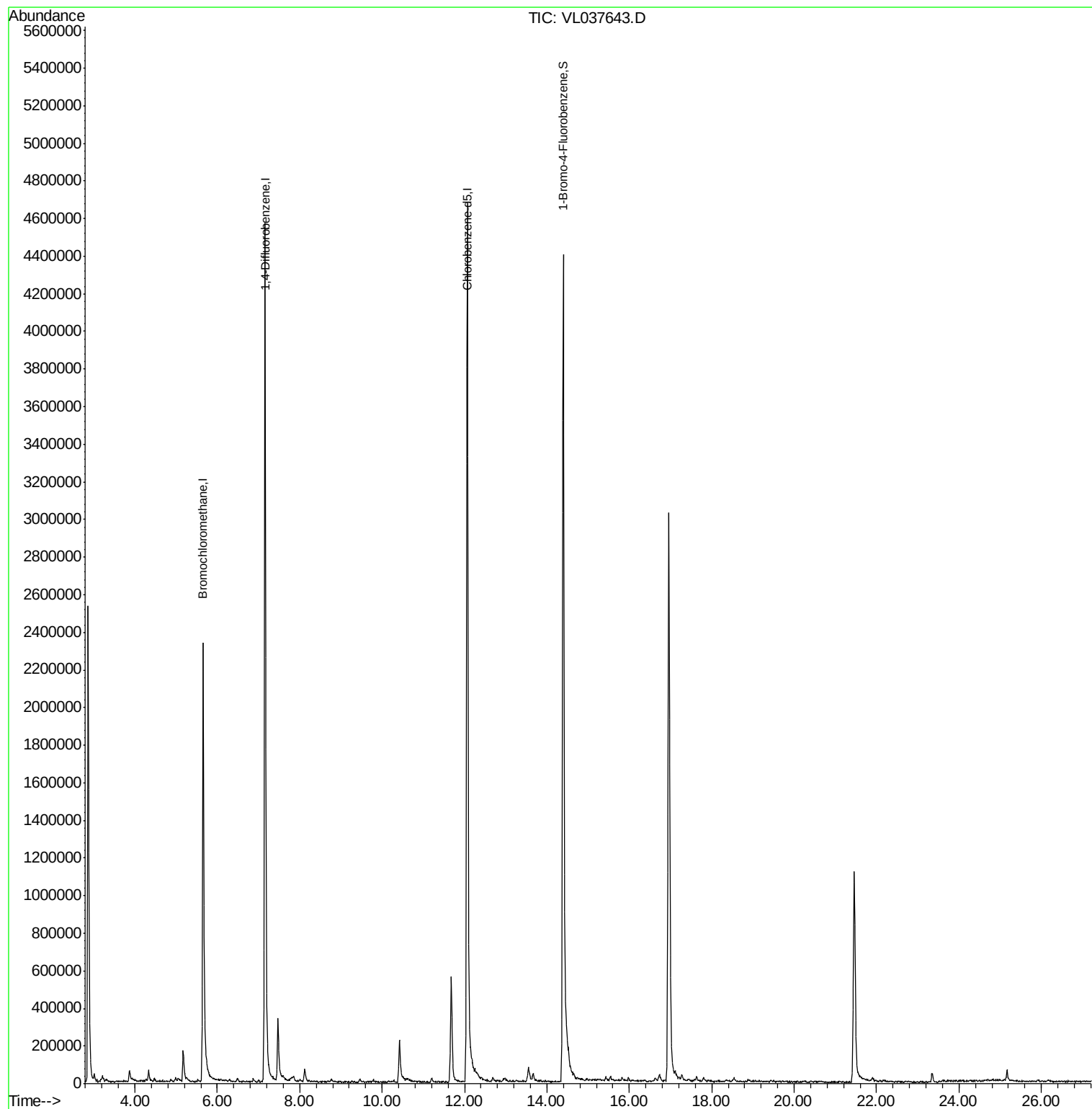
Target Compounds	Ovalue
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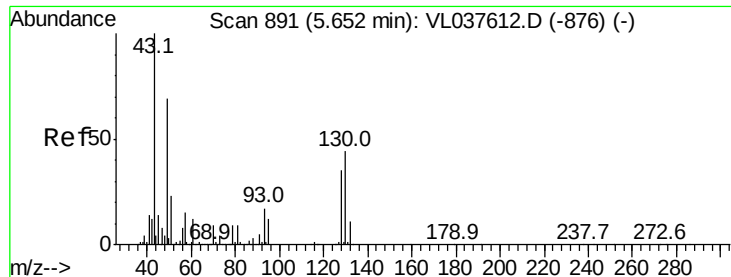
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 891

Delta R.T. 0.00 min

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MSVOA_L

ClientSampleId :

VIBLK

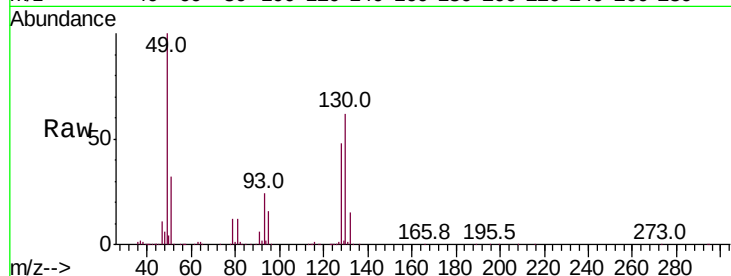
Tot Ion: 49 Resp: 1402475

Ion Ratio Lower Upper

49 100

128 54.1 27.9 83.6

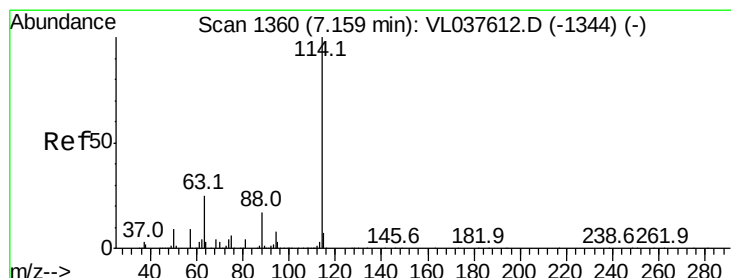
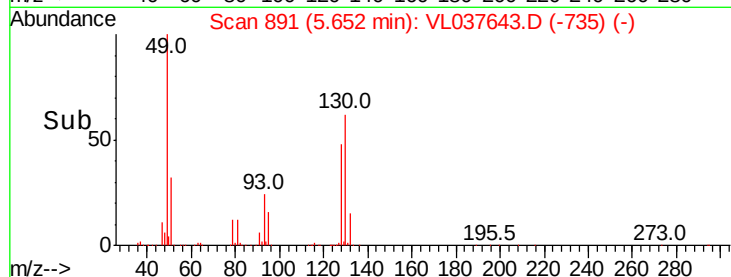
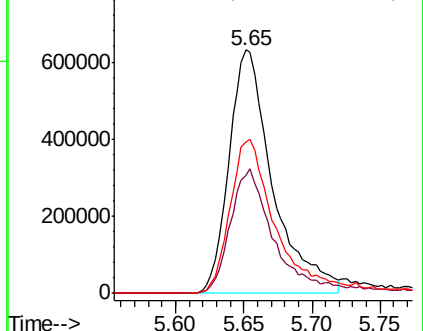
130 69.1 33.9 101.7



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# 1359

Delta R.T. -0.00 min

Lab File: VL037643.D

Acq: 17 Sep 2021 16:01

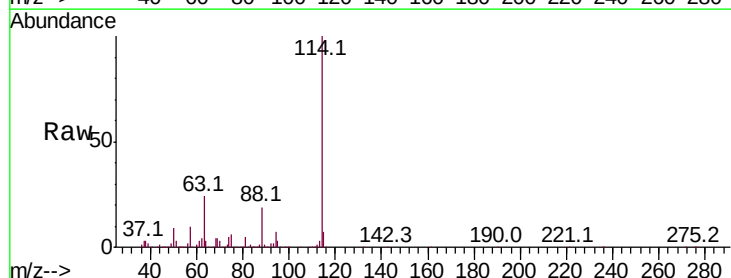
Tgt Ion: 114 Resp: 4151188

Ion Ratio Lower Upper

114 100

63 24.3 19.6 29.4

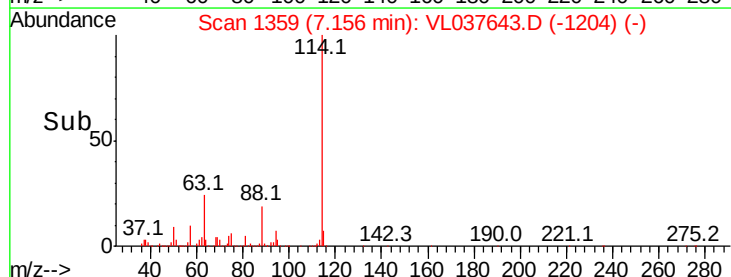
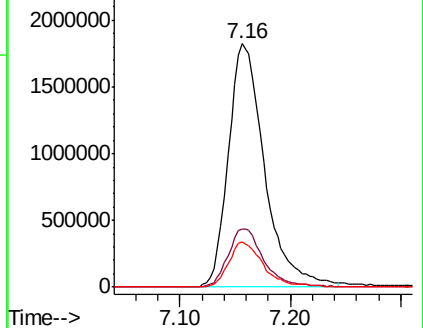
88 18.3 14.2 21.4

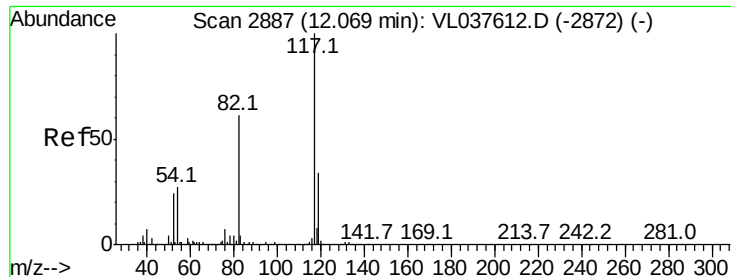


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

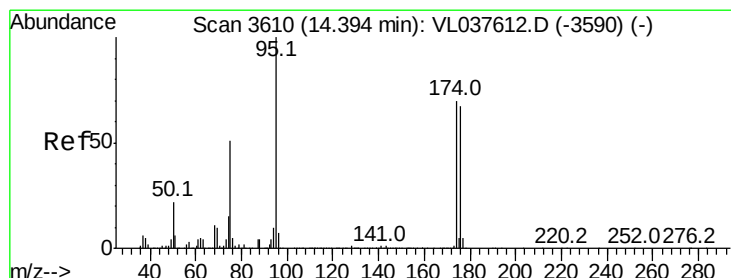
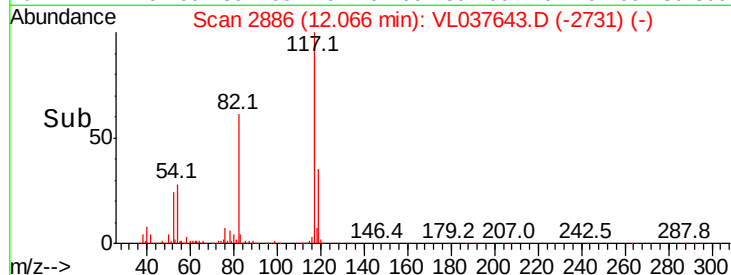
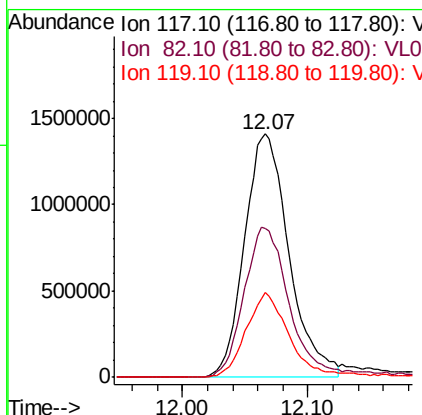
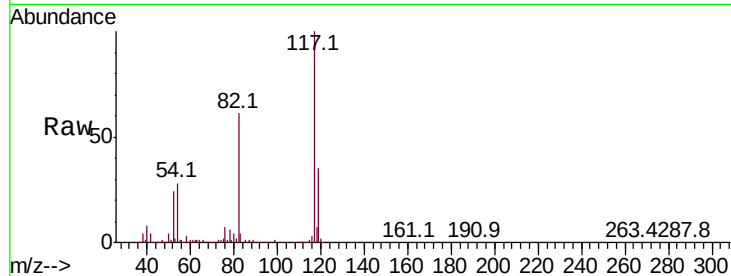




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2886
Delta R.T. -0.00 min
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VIBLK

Tot Ion:117 Resp: 3482267
Ion Ratio Lower Upper
117 100
82 65.3 50.6 75.8
119 35.0 26.2 39.2



#68
1-Bromo-4-Fluorobenzene
Concen: 10.057 ppbv
RT: 14.39 min Scan# 3610
Delta R.T. 0.00 min
Lab File: VL037643.D
Acq: 17 Sep 2021 16:01

Tgt Ion: 95 Resp: 2530976
Ion Ratio Lower Upper
95 100
174 76.6 56.3 84.5
175 5.5 4.4 6.6

