

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091721\
Data File : VL037639.D
Acq On : 17 Sep 2021 12:57
Operator : SY/AP
Sample : VL0917ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0917ABL01

Quant Time: Sep 18 06:59:47 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL091621AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LThu 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	1394319	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	4108818	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	3474526	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2391251	9.52	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.20%

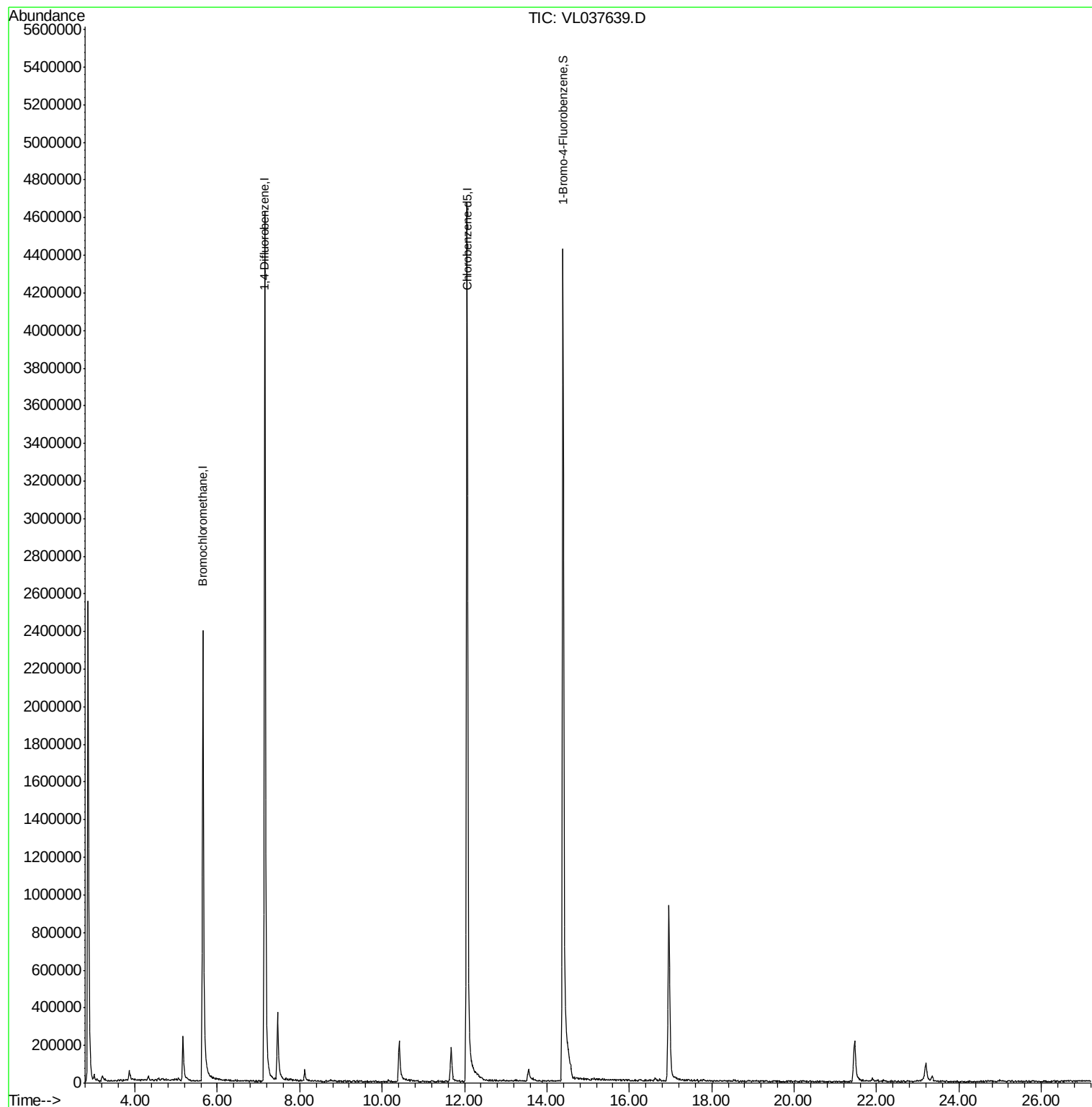
Target Compounds	Ovalue
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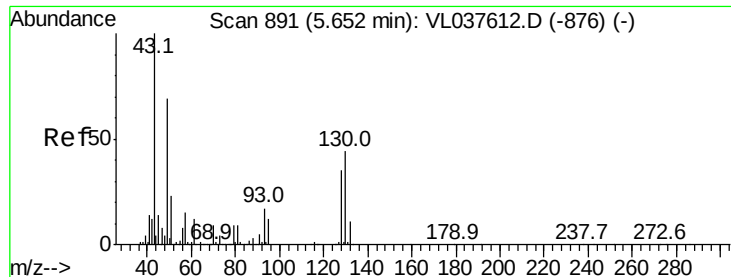
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 890

Delta R.T. -0.00 min

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MSVOA_L

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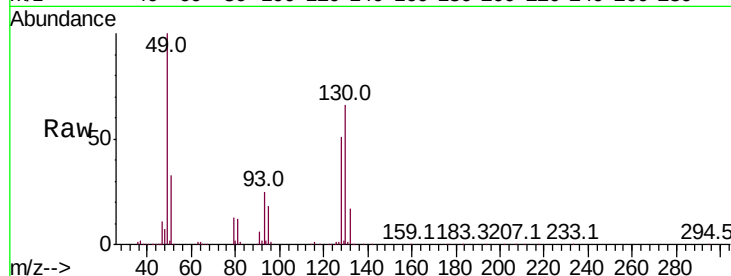
Tot Ion: 49 Resp: 1394319

Ion Ratio Lower Upper

49 100

128 55.7 27.9 83.6

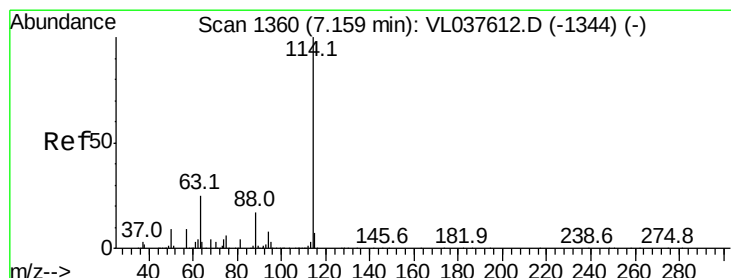
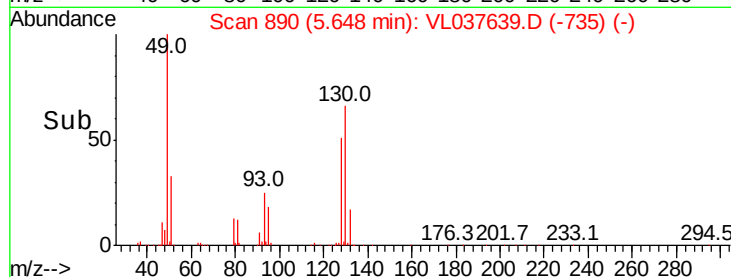
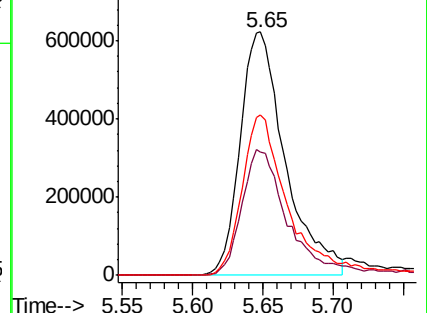
130 69.7 33.9 101.7



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: 7.15 min Scan# 1358

Delta R.T. -0.01 min

Lab File: VL037639.D

Acq: 17 Sep 2021 12:57

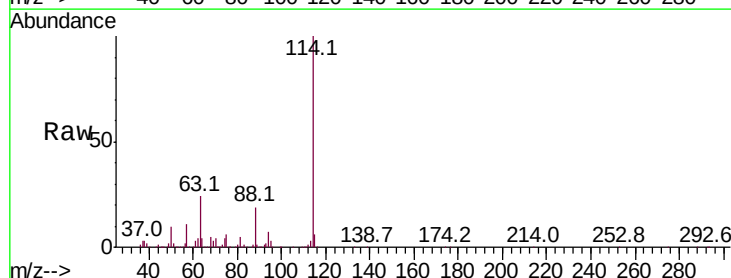
Tgt Ion: 114 Resp: 4108818

Ion Ratio Lower Upper

114 100

63 24.1 19.6 29.4

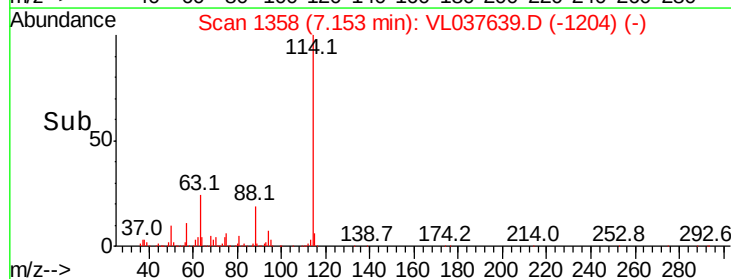
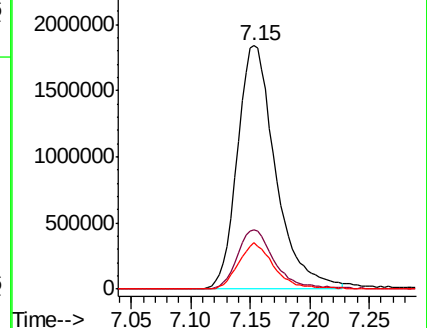
88 18.0 14.2 21.4

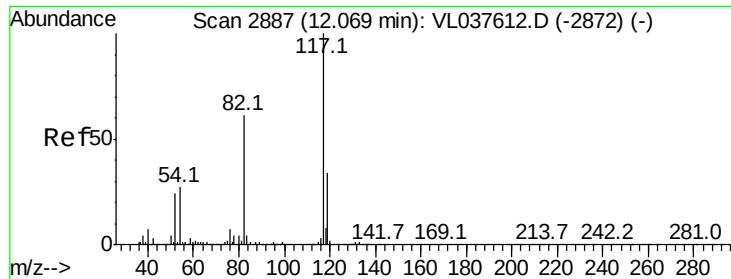


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

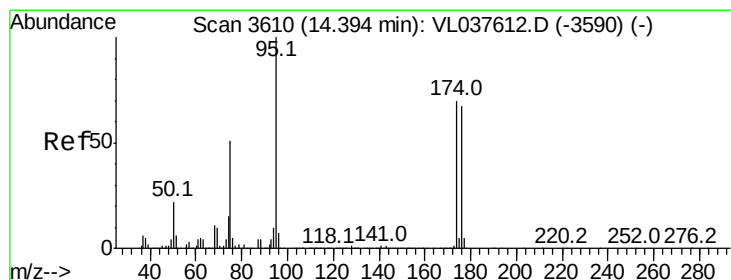
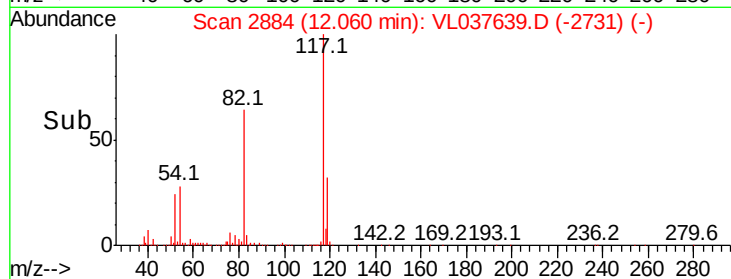
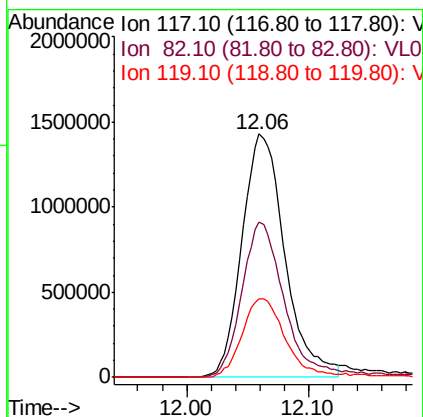
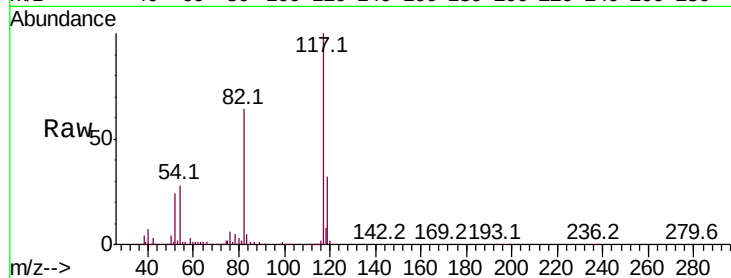




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.06 min Scan# 2884
Delta R.T. -0.01 min
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Acq: 17 Sep 2021 12:57

Instrument :
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VL0917ABL01

Tot Ion:117 Resp: 3474526
Ion Ratio Lower Upper
117 100
82 65.5 50.6 75.8
119 33.8 26.2 39.2



#68
1-Bromo-4-Fluorobenzene
Concen: 9.523 ppbv
RT: 14.39 min Scan# 3609
Delta R.T. -0.00 min
Lab File: VL037639.D
Acq: 17 Sep 2021 12:57

Tgt Ion: 95 Resp: 2391251
Ion Ratio Lower Upper
95 100
174 78.8 56.3 84.5
175 5.8 4.4 6.6

