

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL091621\
Data File : VL037618.D
Acq On : 16 Sep 2021 16:04
Operator : SY/AP
Sample : VL0916ABL01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0916ABL01

Quant Time: Sep 17 05:37:40 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	1555979	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	4624677	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3944669	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	2863679	10.05	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.50%

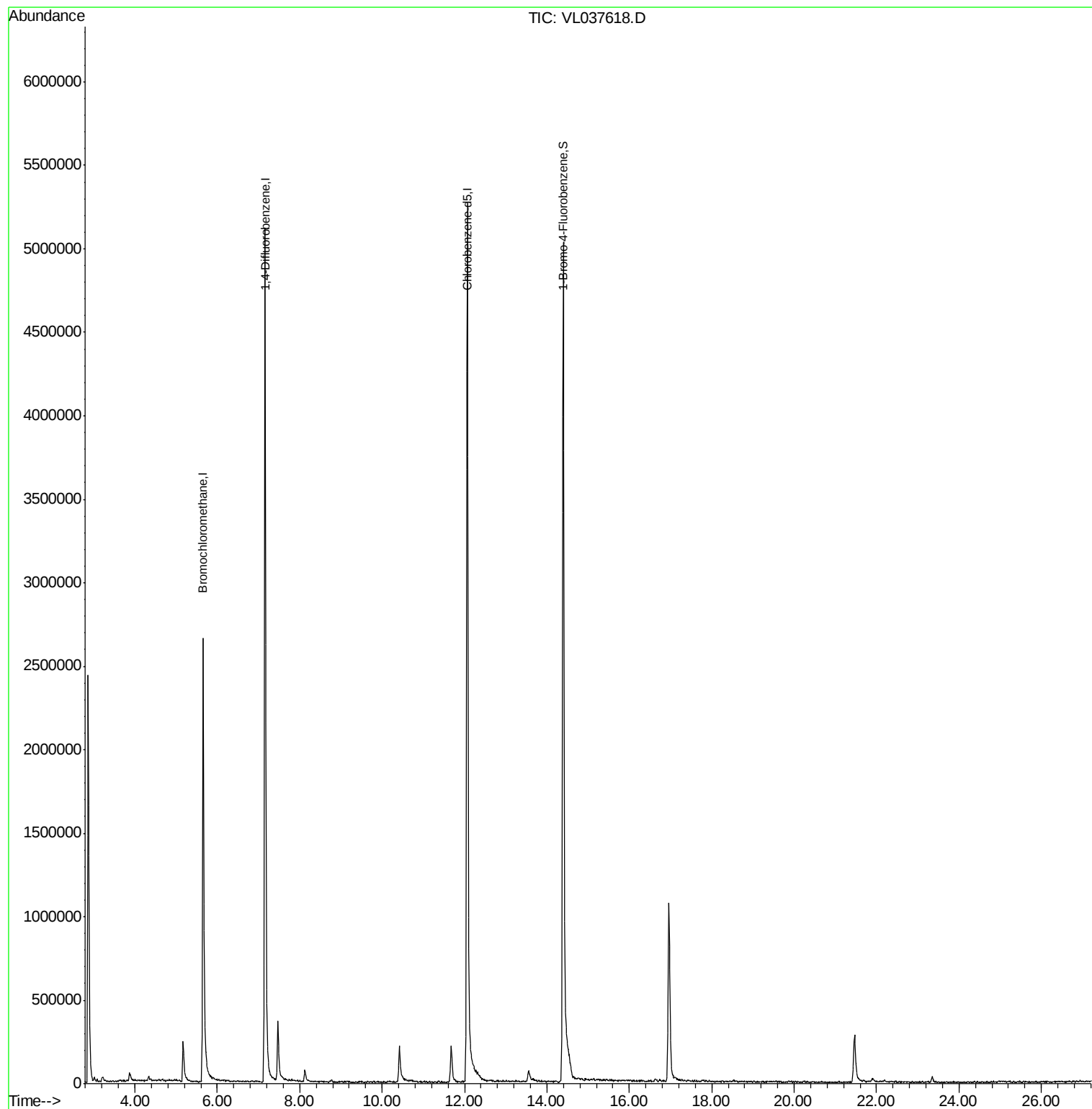
Target Compounds	Ovalue
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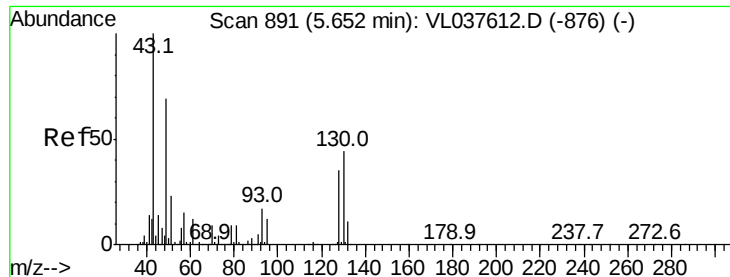
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. 0.00 min

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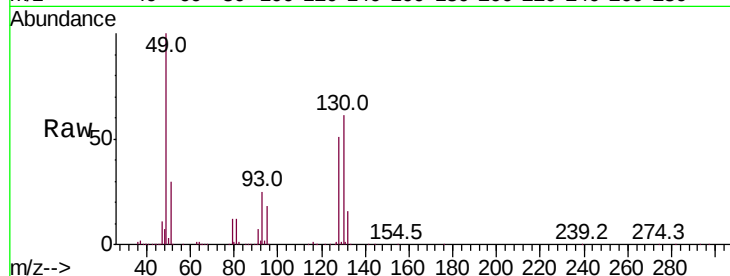
Tot Ion: 49 Resp: 1555979

Ion Ratio Lower Upper

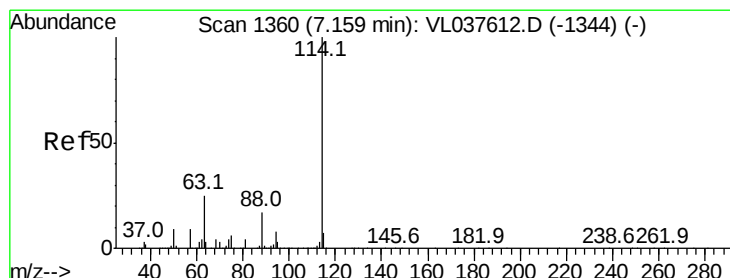
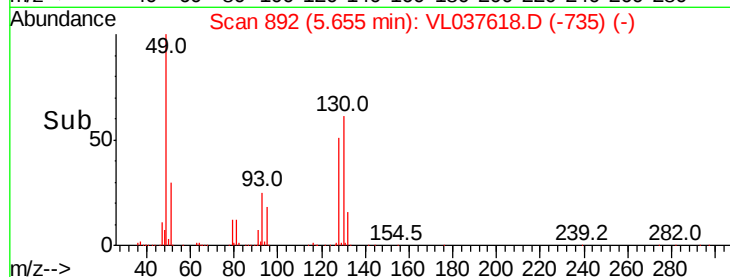
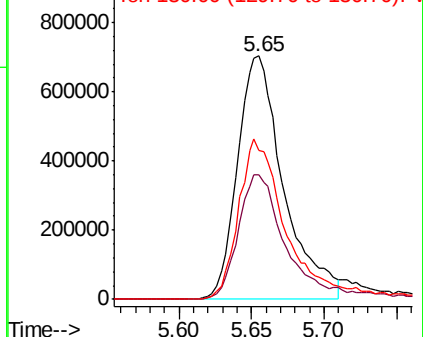
49 100

128 54.2 27.9 83.6

130 70.8 33.9 101.7



Abundance Ion 49.10 (48.80 to 49.80): VL0
Ion 128.00 (127.70 to 128.70): V
Ion 130.00 (129.70 to 130.70): V



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 7.16 min Scan# 1359

Delta R.T. -0.00 min

Lab File: VL037618.D

Acq: 16 Sep 2021 16:04

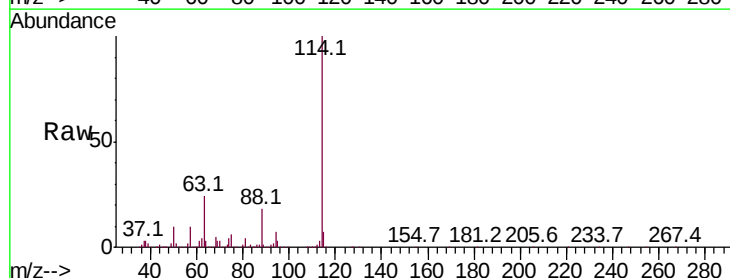
Tgt Ion: 114 Resp: 4624677

Ion Ratio Lower Upper

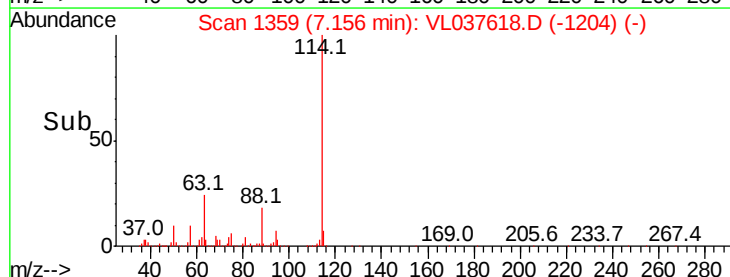
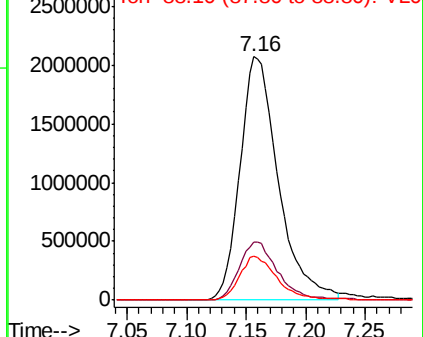
114 100

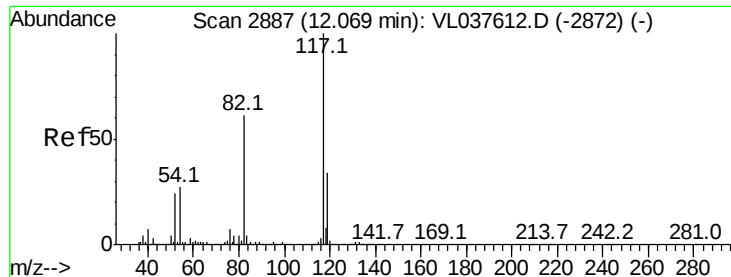
63 24.4 19.6 29.4

88 18.3 14.2 21.4



Abundance Ion 114.10 (113.80 to 114.80): V
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: VL037618.D

Acq: 16 Sep 2021 16:04

Instrument :

MSVOA_L

ClientSampleId :

VL0916ABL01

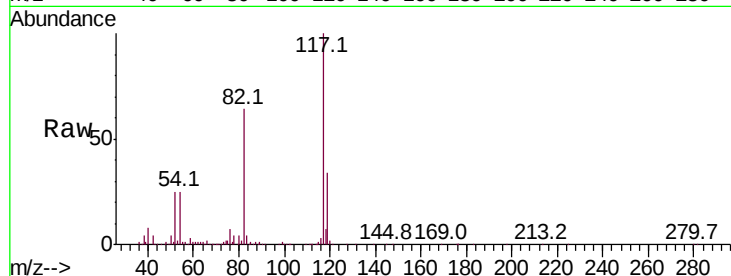
Tot Ion:117 Resp: 3944669

Ion Ratio Lower Upper

117 100

82 64.4 50.6 75.8

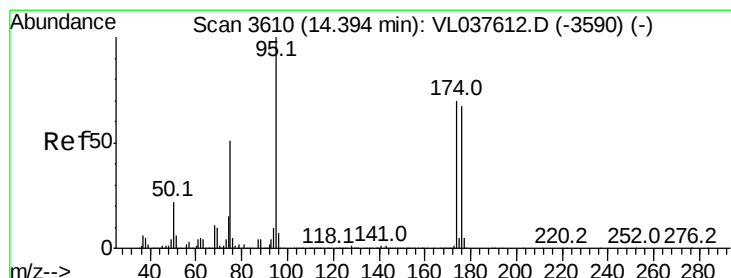
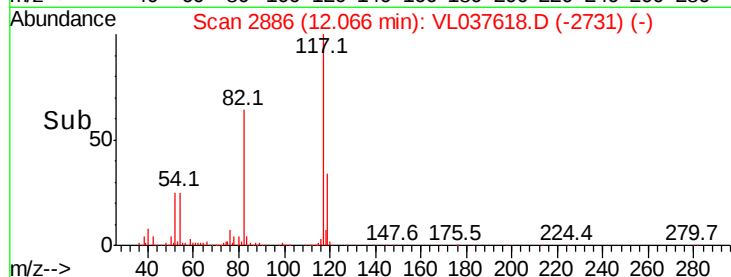
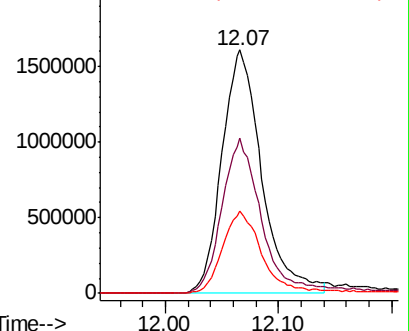
119 35.6 26.2 39.2



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: 10.045 ppbv

RT: 14.39 min Scan# 3610

Delta R.T. 0.00 min

Lab File: VL037618.D

Acq: 16 Sep 2021 16:04

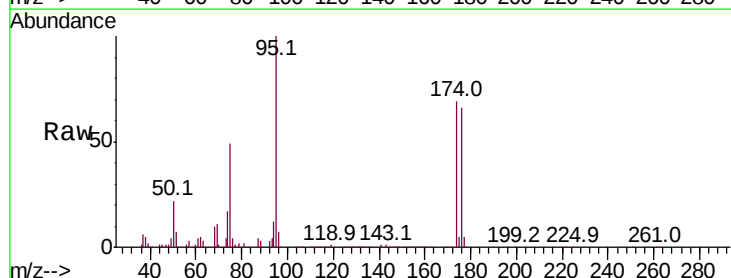
Tgt Ion: 95 Resp: 2863679

Ion Ratio Lower Upper

95 100

174 74.5 56.3 84.5

175 5.8 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

