

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062921\
 Data File : VL037247.D
 Acq On : 29 Jun 2021 13:35
 Operator : SY/AP
 Sample : QC062221 CAN 10742
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC062221 CAN 10742

Quant Time: Jun 29 14:12:01 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LWed Jun 16 14:06:32 2021
 QLast Update : Wed Jun 16 14:06:32 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1664612	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	4750945	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.07	117	4169968	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	3082522	9.76	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.60%

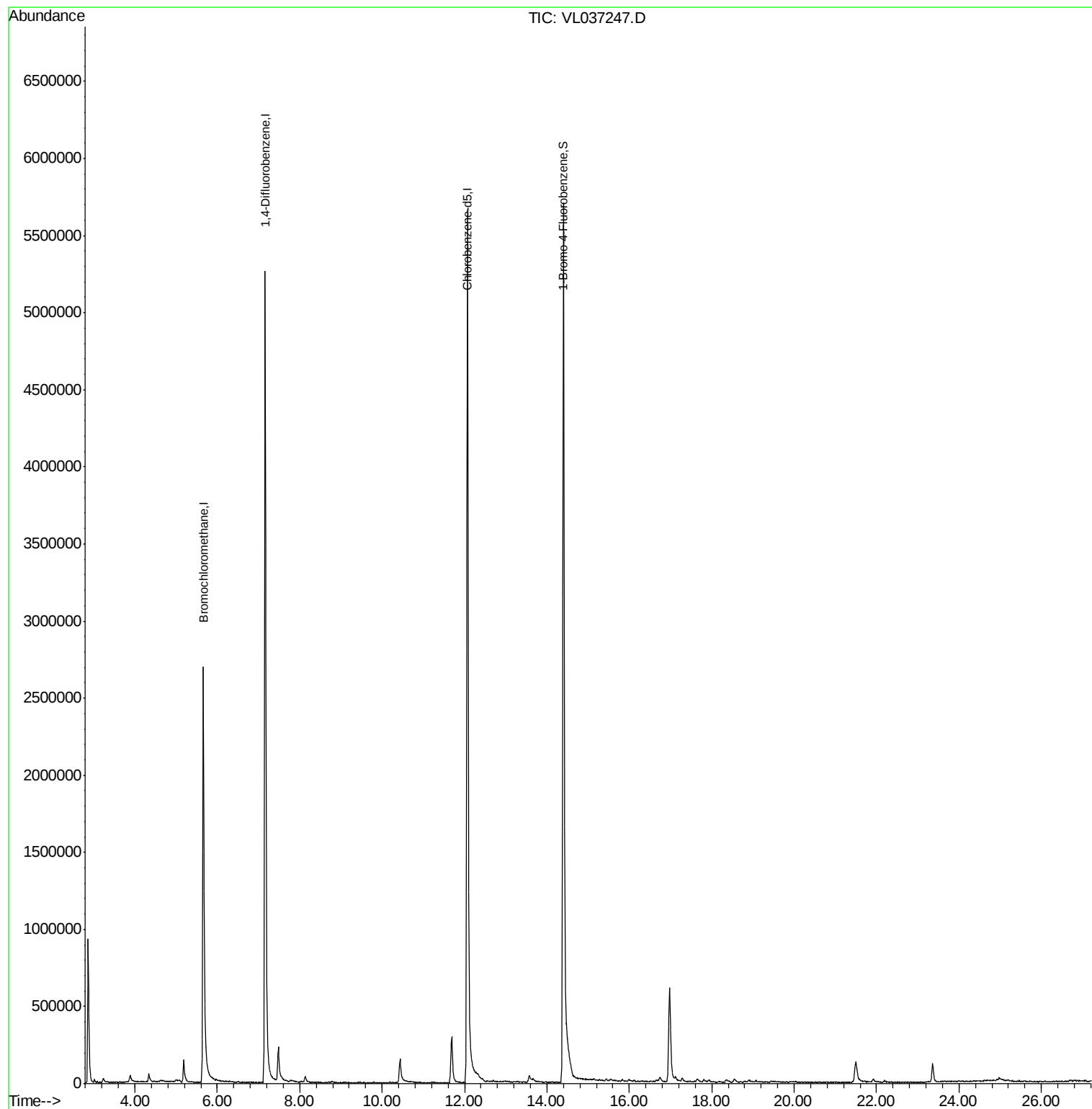
Target Compounds	Ovalue

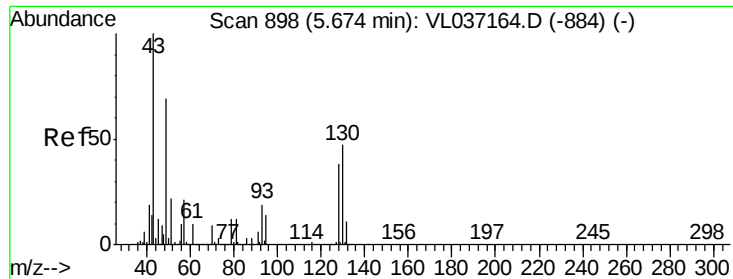
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.65 min Scan# 892

Delta R.T. -0.02 min

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MSVOA_L

ClientSampleId :

QC062221 CAN 10742

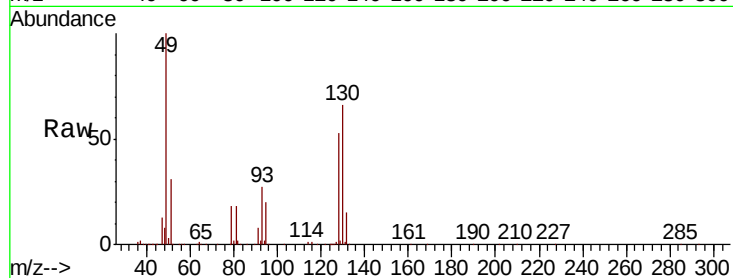
Tot Ion: 49 Resp: 1664612

Ion Ratio Lower Upper

49 100

128 55.6 29.3 88.0

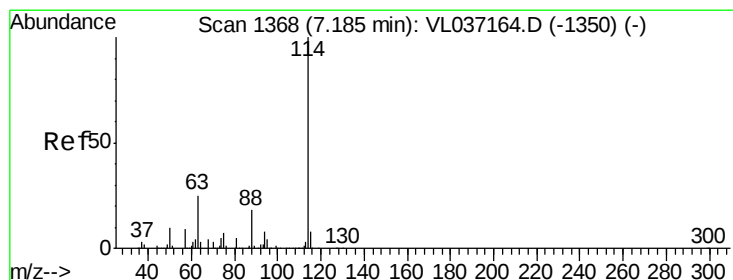
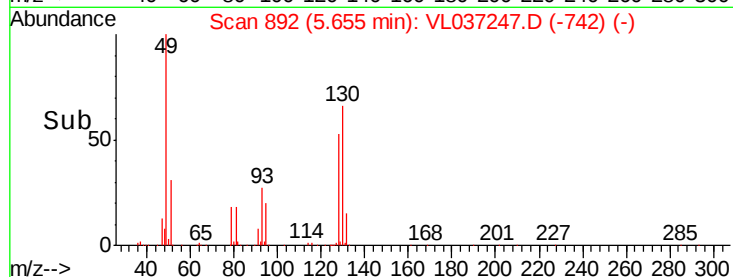
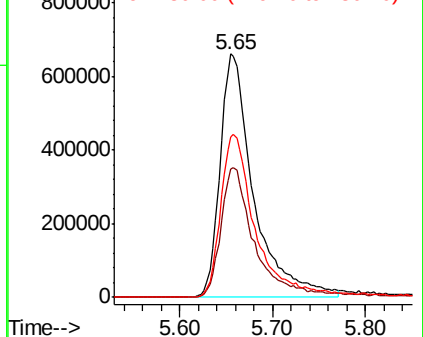
130 71.7 35.9 107.8



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# 1361

Delta R.T. -0.02 min

Lab File: VL037247.D

Acq: 29 Jun 2021 13:35

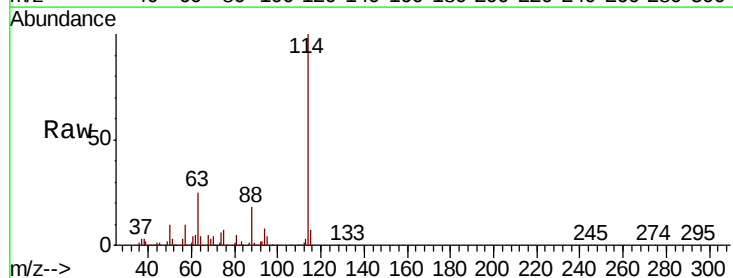
Tgt Ion: 114 Resp: 4750945

Ion Ratio Lower Upper

114 100

63 24.6 19.6 29.4

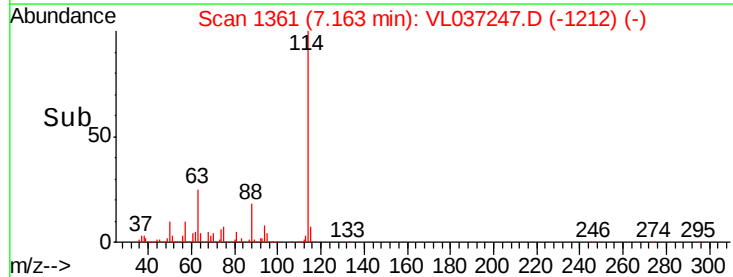
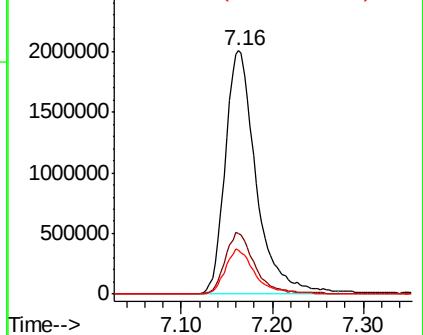
88 17.9 14.2 21.2

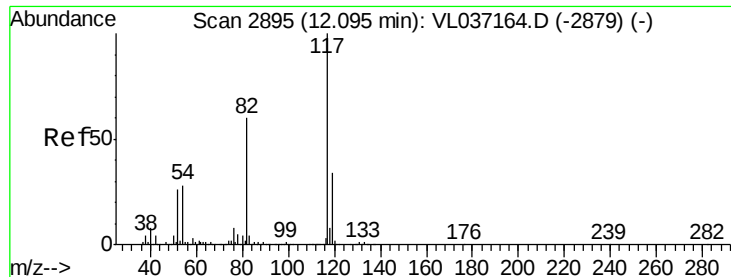


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

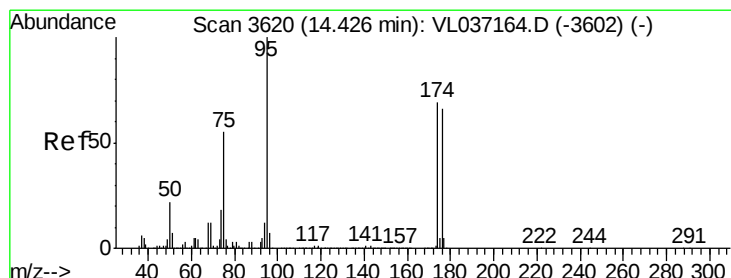
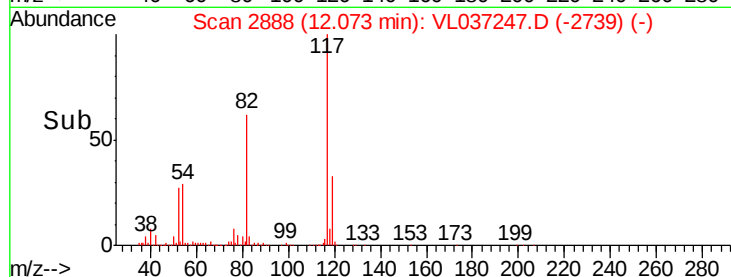
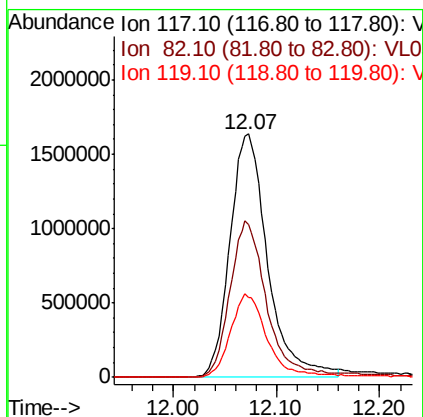
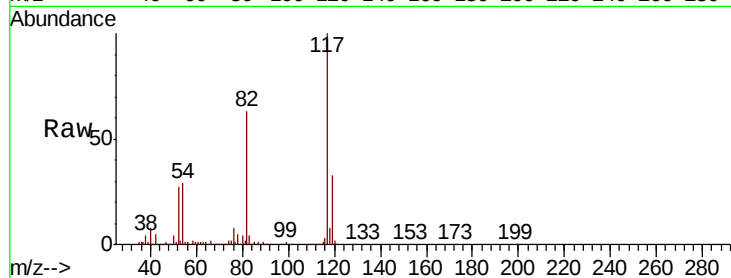




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.07 min Scan# 2888
Delta R.T. -0.02 min
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Tot Ion:117 Resp: 4169968
Ion Ratio Lower Upper
117 100
82 65.4 51.7 77.5
119 34.3 47.6 71.4#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.755 ppbv
RT: 14.40 min Scan# 3613
Delta R.T. -0.02 min
Lab File: VL037247.D
Acq: 29 Jun 2021 13:35

Tgt Ion: 95 Resp: 3082522
Ion Ratio Lower Upper
95 100
174 75.8 57.0 85.4
175 5.6 4.4 6.6

