

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070221\
 Data File : VL037275.D
 Acq On : 2 Jul 2021 15:11
 Operator : SY/AP
 Sample : OC070121 CAN 10280
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC070121 CAN 10280

Quant Time: Jul 04 22:58:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	5.69	49	1274948	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.19	114	3625601	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	3161820	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2266574	9.46	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.60%

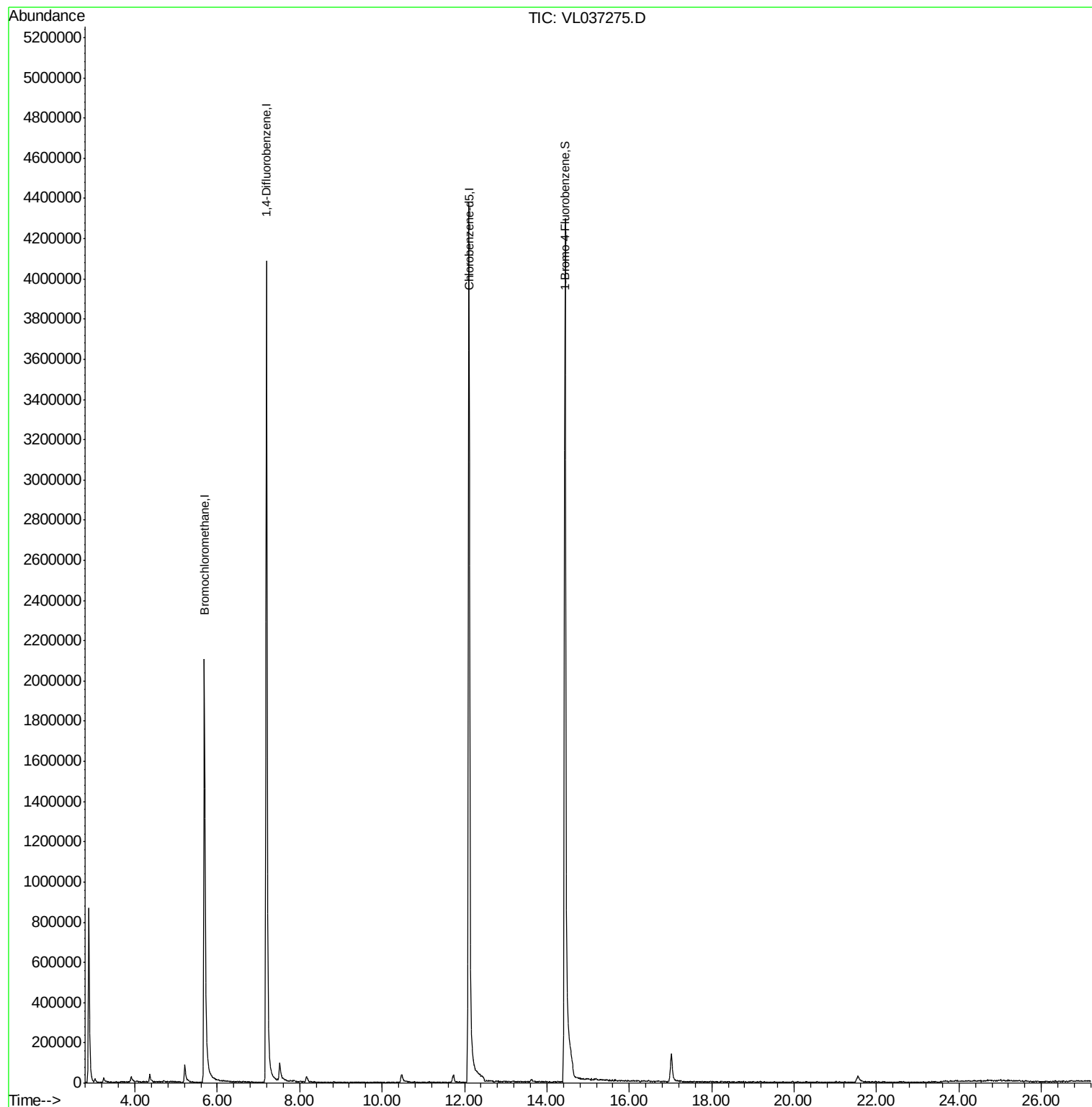
Target Compounds	Ovalue

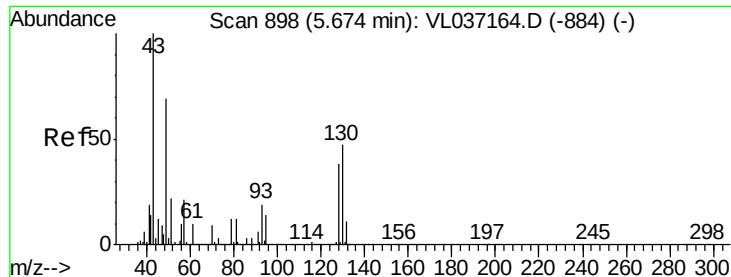
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.69 min Scan# 902

Delta R.T. 0.01 min

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Instrument :

MSVOA_L

ClientSampleId :

QC070121 CAN 10280

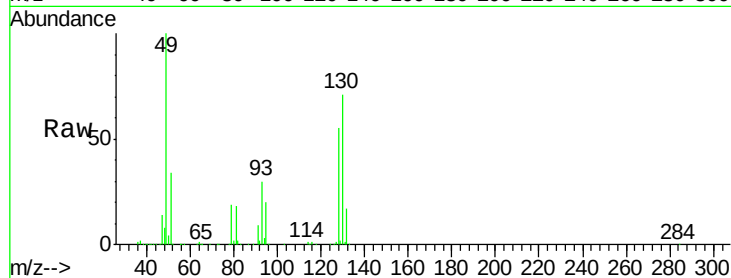
Tot Ion: 49 Resp: 1274948

Ion Ratio Lower Upper

49 100

128 54.6 29.3 88.0

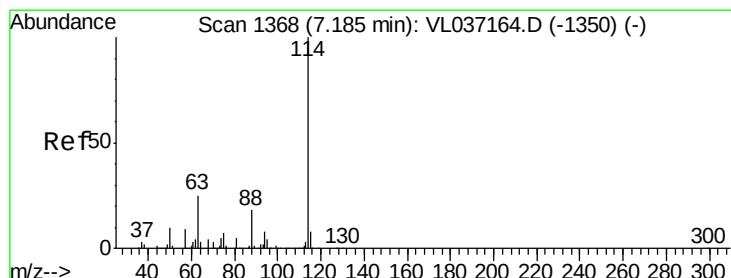
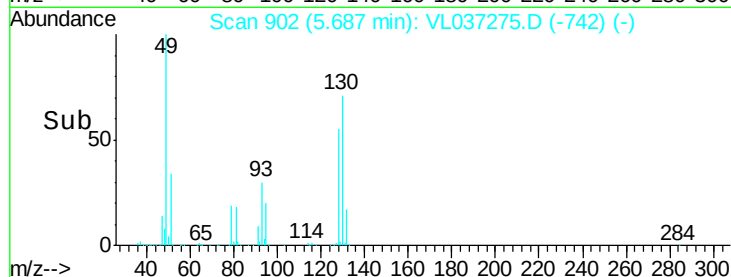
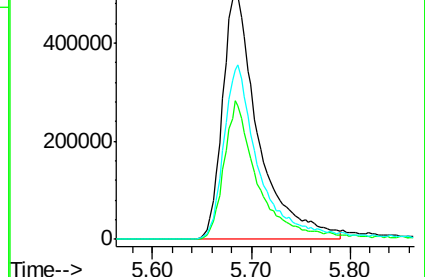
130 72.3 35.9 107.8



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: 7.19 min Scan# 1371

Delta R.T. 0.01 min

Lab File: VL037275.D

Acq: 2 Jul 2021 15:11

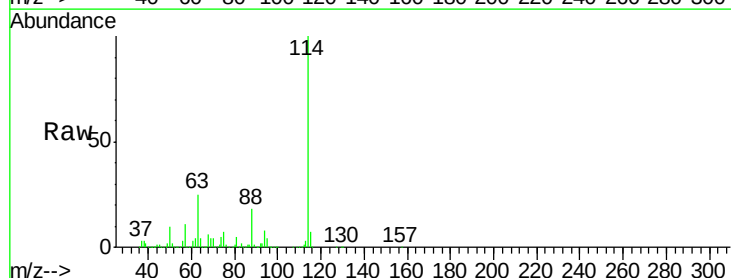
Tgt Ion: 114 Resp: 3625601

Ion Ratio Lower Upper

114 100

63 25.3 19.6 29.4

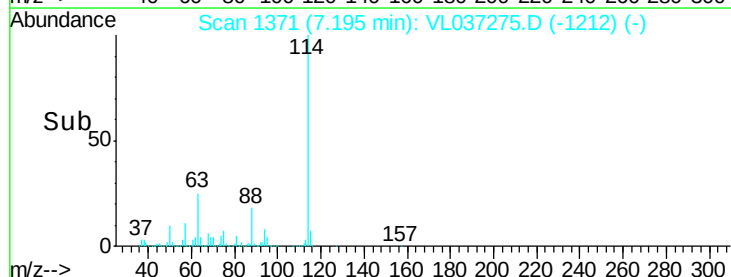
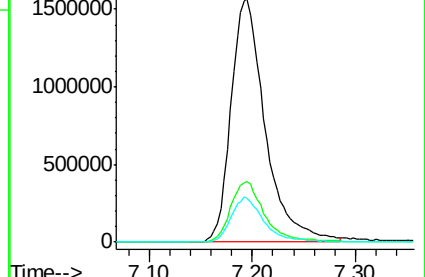
88 17.9 14.2 21.2

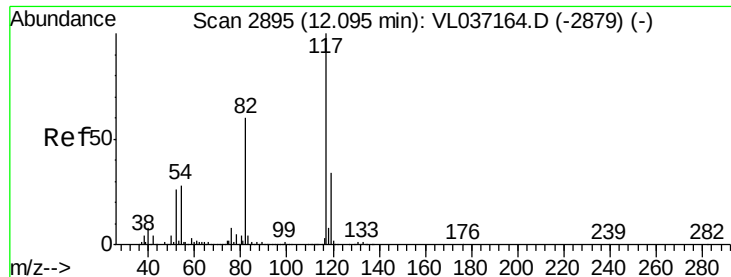


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

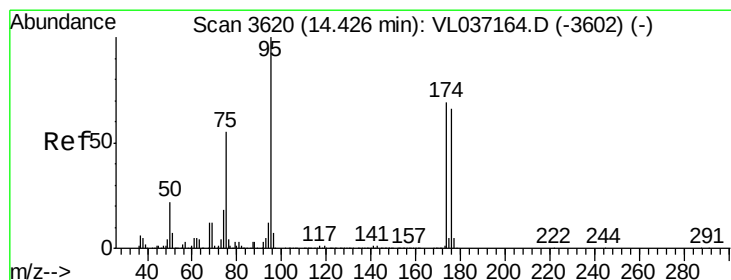
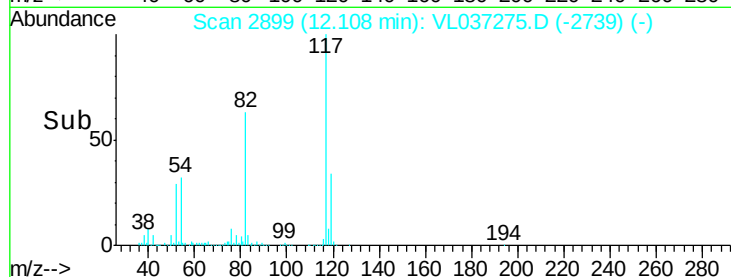
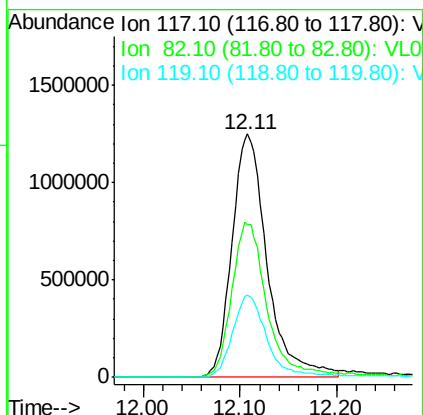
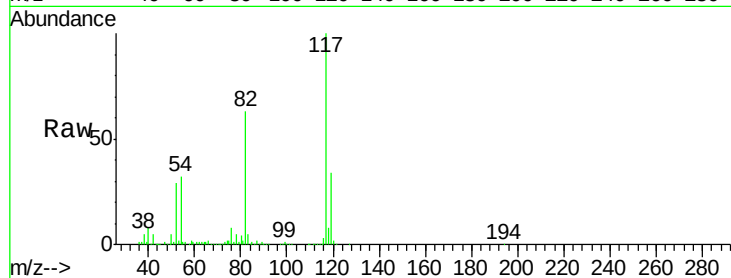




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min Scan# 2899
Delta R.T. 0.01 min
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Tot Ion:117 Resp: 3161820
Ion Ratio Lower Upper
117 100
82 65.7 51.7 77.5
119 33.4 47.6 71.4#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.460 ppbv
RT: 14.44 min Scan# 3624
Delta R.T. 0.01 min
Lab File: VL037275.D
Acq: 2 Jul 2021 15:11

Tgt Ion: 95 Resp: 2266574
Ion Ratio Lower Upper
95 100
174 77.3 57.0 85.4
175 5.5 4.4 6.6

