

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070221\
 Data File : VL037270.D
 Acq On : 2 Jul 2021 11:54
 Operator : SY/AP
 Sample : QC062321 CAN 10282
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC062321 CAN 10282

Quant Time: Jul 02 15:16:25 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	5.68	49	1299993	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	3717437	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	3249754	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2425718	9.85	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.50%

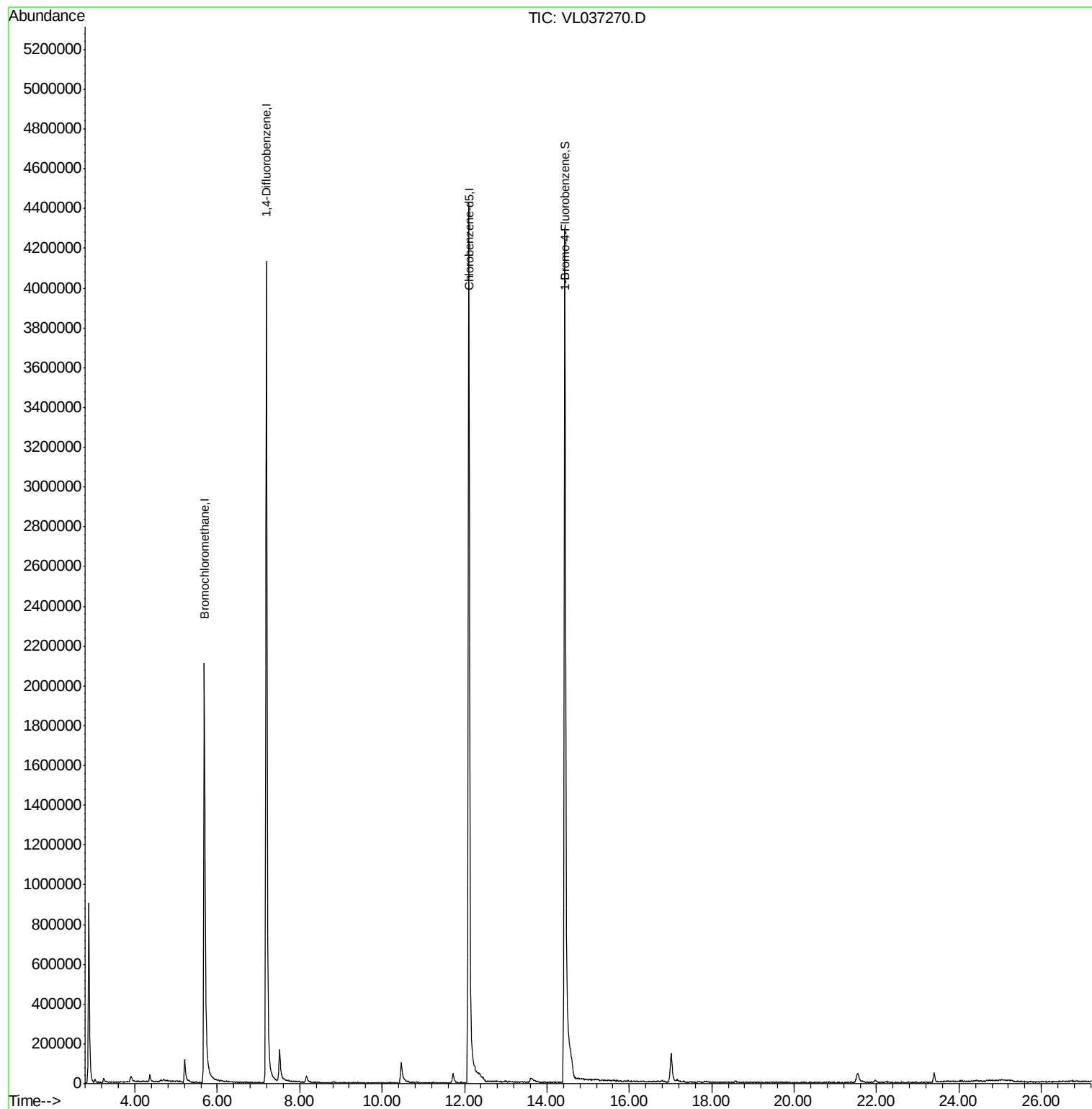
Target Compounds	Ovalue

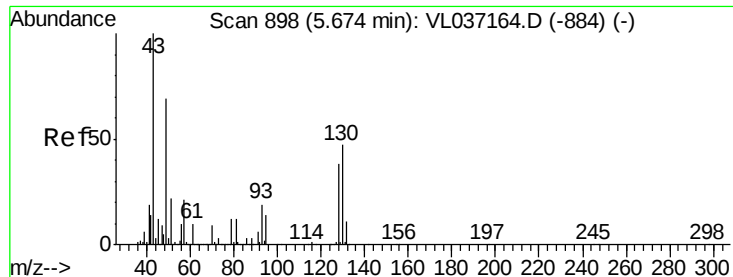
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
QC062321 CAN 10282

Quant Time: Jul 02 15:16:25 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL061621AIR.M
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QLast Update : Wed Jun 16 14:06:32 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.01 min

Lab File: VL037270.D

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Instrument :

MSVOA_L

ClientSampleId :

QC062321 CAN 10282

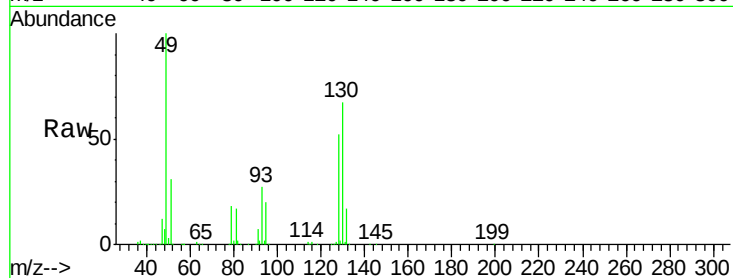
Tot Ion: 49 Resp: 1299993

Ion Ratio Lower Upper

49 100

128 56.0 29.3 88.0

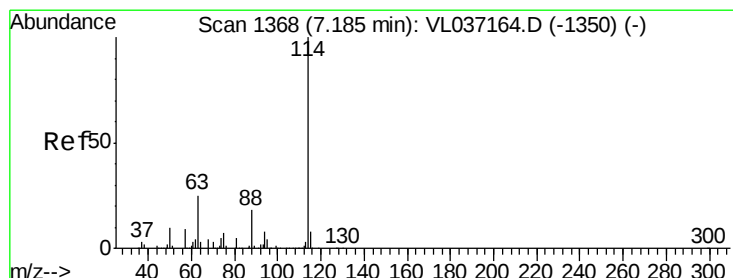
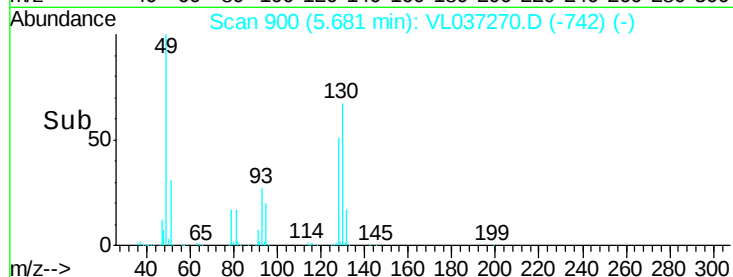
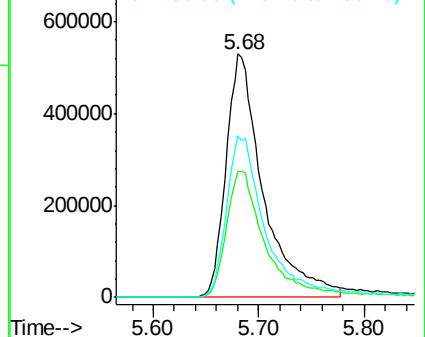
130 72.5 35.9 107.8



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# 1369

Delta R.T. 0.00 min

Lab File: VL037270.D

Acq: 2 Jul 2021 11:54

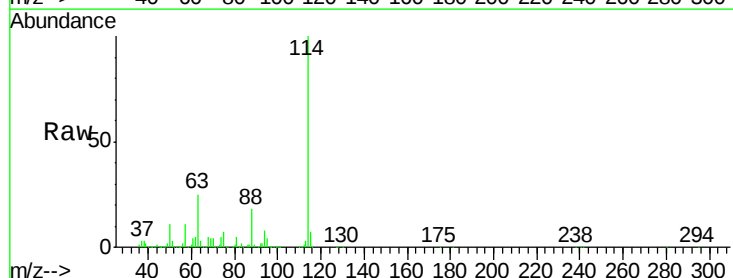
Tgt Ion: 114 Resp: 3717437

Ion Ratio Lower Upper

114 100

63 25.1 19.6 29.4

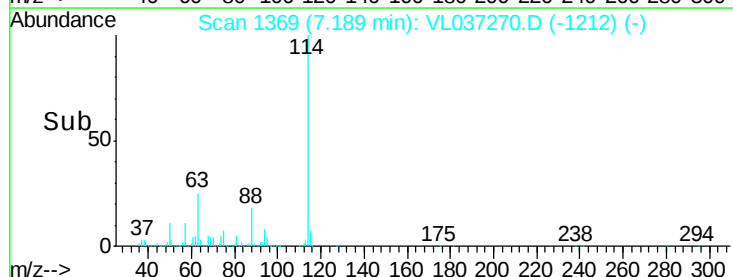
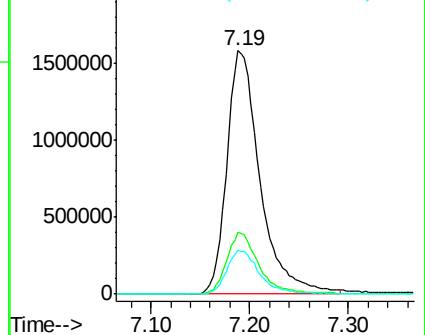
88 18.0 14.2 21.2

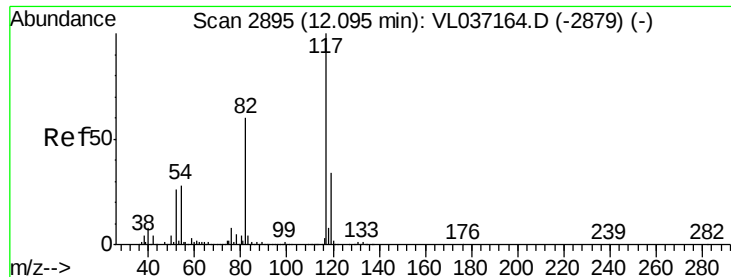


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

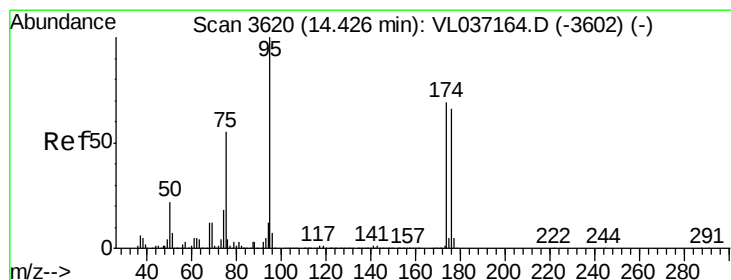
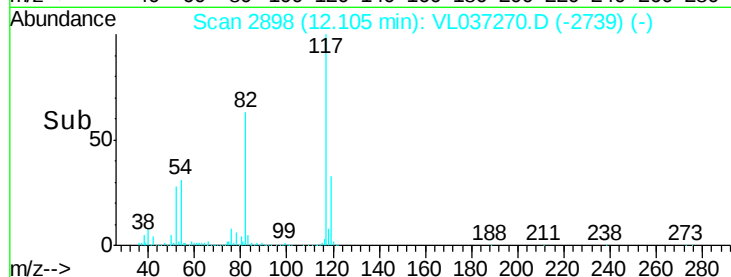
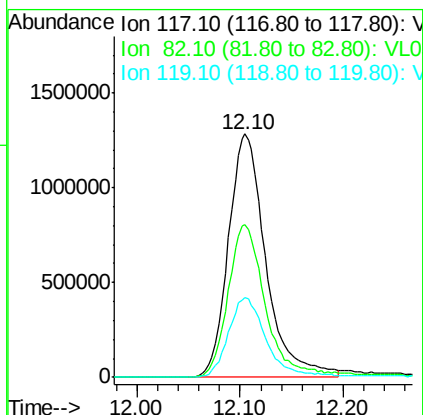
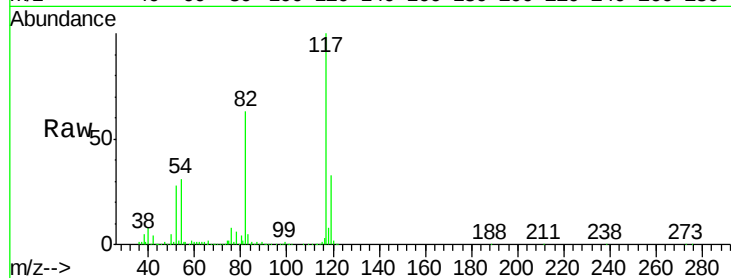




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. 0.01 min
Lab File: VL037270.D
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Tot Ion:117 Resp: 3249754
Ion Ratio Lower Upper
117 100
82 65.2 51.7 77.5
119 34.8 47.6 71.4#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.850 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. 0.01 min
Lab File: VL037270.D
Acq: 2 Jul 2021 11:54

Tgt Ion: 95 Resp: 2425718
Ion Ratio Lower Upper
95 100
174 73.9 57.0 85.4
175 5.3 4.4 6.6

