

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012221\
 Data File : VL036269.D
 Acq On : 22 Jan 2021 16:36
 Operator : SY/AP
 Sample : OC122320 CAN 10448
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC122320 CAN 10448

Quant Time: Jan 24 00:08:15 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL011321AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 14 16:13:38 2021
 QLast Update : Thu Jan 14 16:13:38 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1523805	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	3181698	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	2844403	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	2375491	10.09	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%

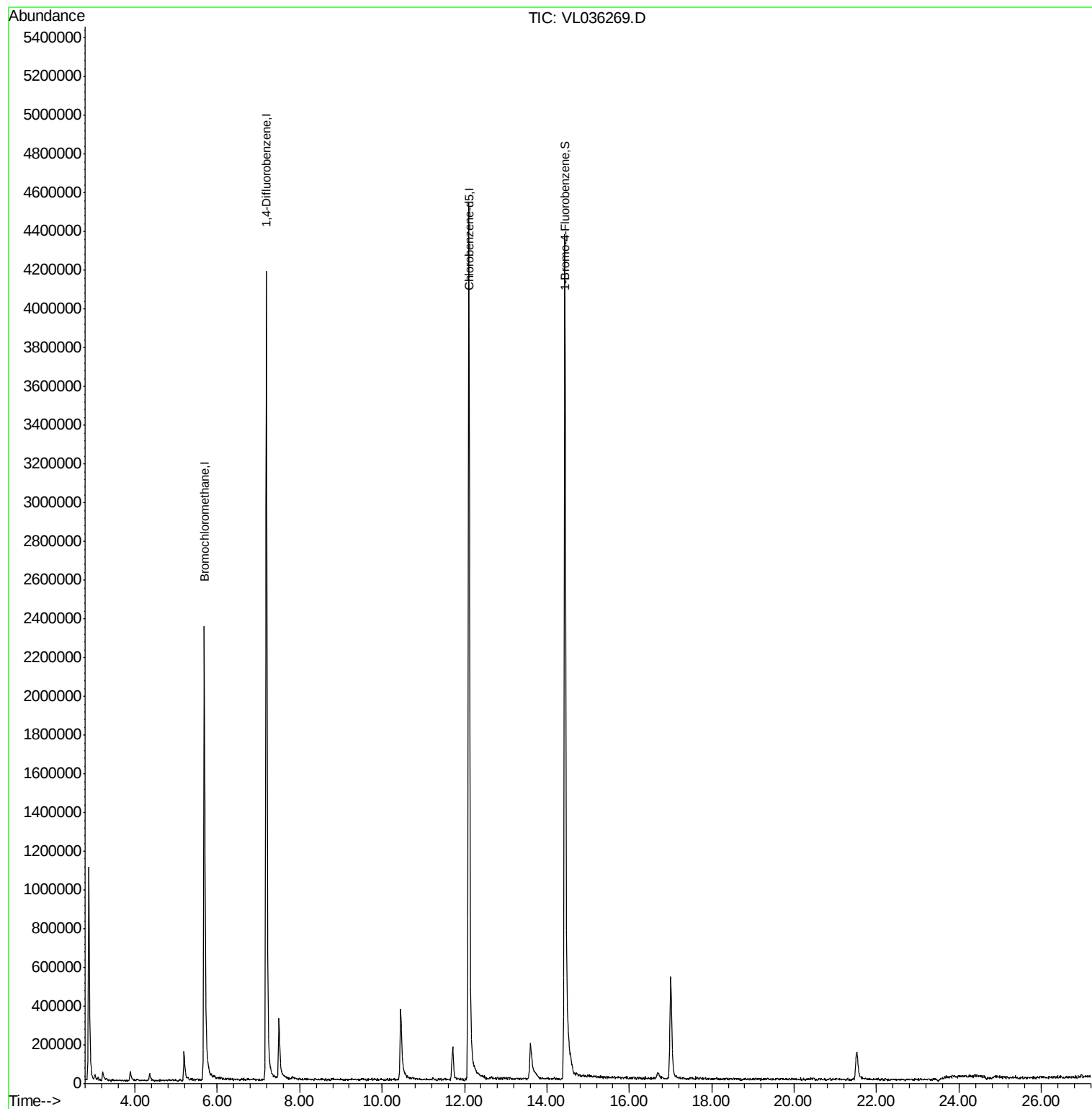
Target Compounds	Ovalue

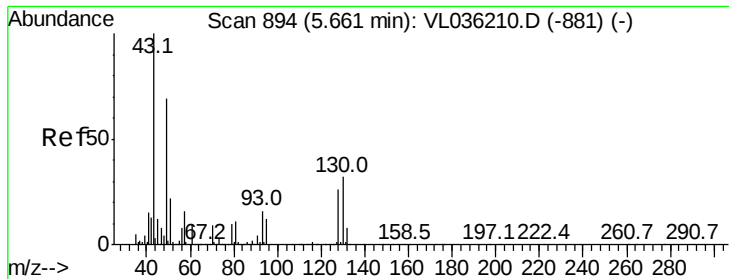
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 min Scan# 900

Delta R.T. 0.02 min

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Instrument :

MSVOA_L

ClientSampleId :

QC122320 CAN 10448

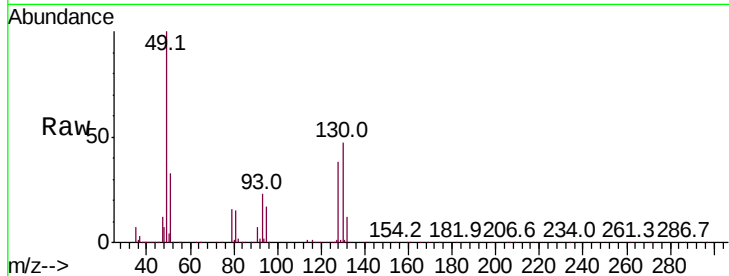
Tot Ion: 49 Resp: 1523805

Ion Ratio Lower Upper

49 100

128 39.2 20.1 60.2

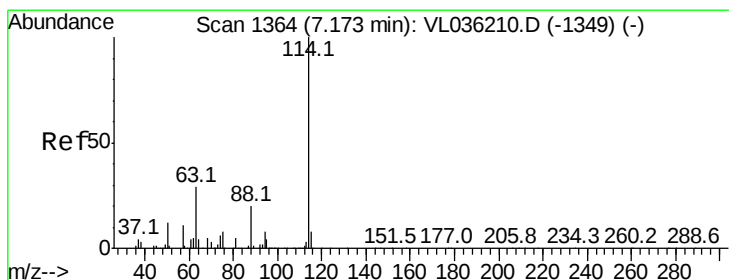
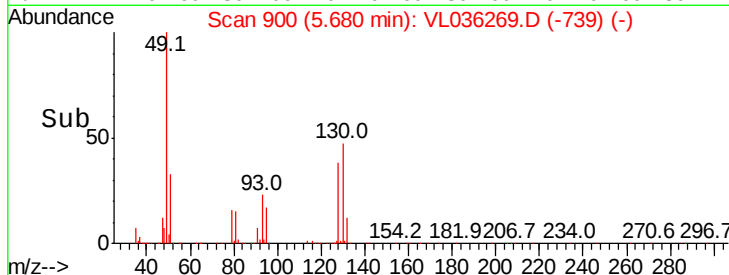
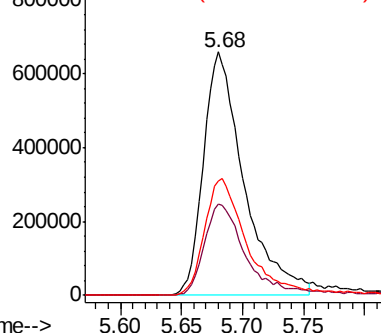
130 50.4 25.3 75.9



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# 1370

Delta R.T. 0.02 min

Lab File: VL036269.D

Acq: 22 Jan 2021 16:36

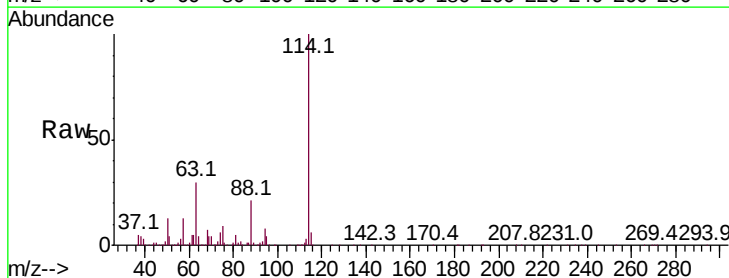
Tgt Ion: 114 Resp: 3181698

Ion Ratio Lower Upper

114 100

63 31.5 24.7 37.1

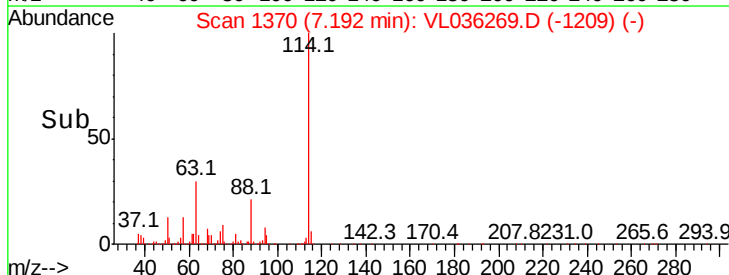
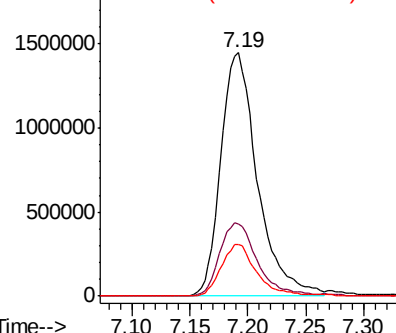
88 21.0 16.6 24.8

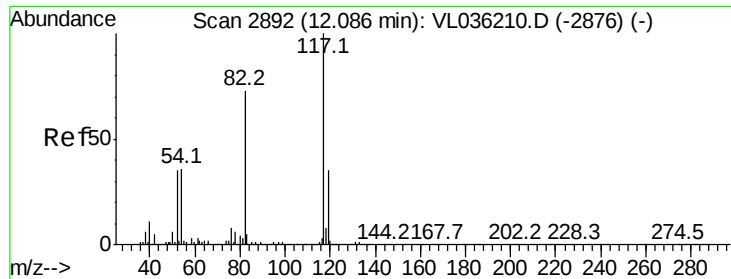


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

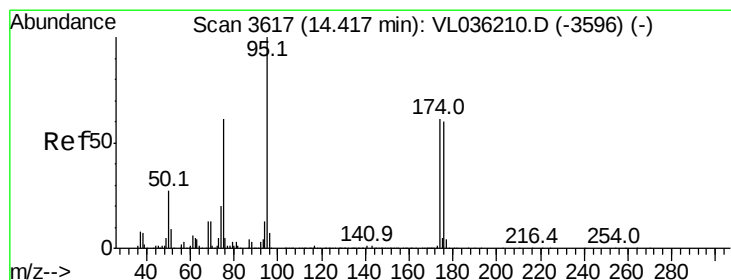
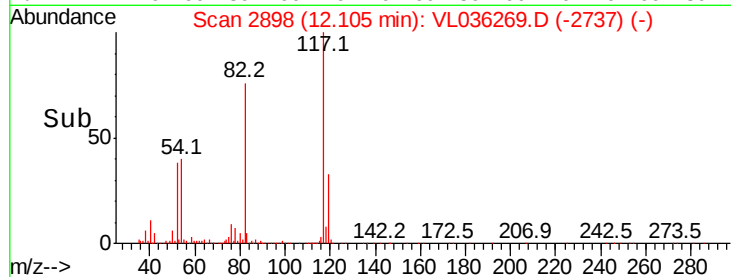
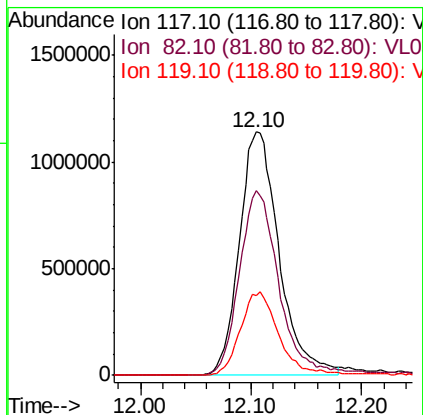
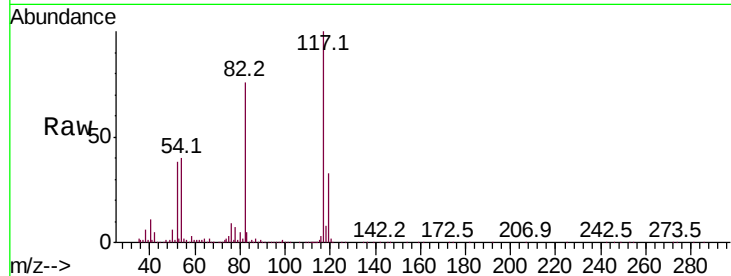




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. 0.02 min
Lab File: VL036269.D
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Instrument :
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ClientSampleId :
QC122320 CAN 10448

Tot Ion:117 Resp: 2844403
Ion Ratio Lower Upper
117 100
82 78.4 59.7 89.5
119 33.6 28.6 43.0



#68
1-Bromo-4-Fluorobenzene
Concen: 10.090 ppbv
RT: 14.44 min Scan# 3623
Delta R.T. 0.02 min
Lab File: VL036269.D
Acq: 22 Jan 2021 16:36

Tgt Ion: 95 Resp: 2375491
Ion Ratio Lower Upper
95 100
174 62.8 49.4 74.0
175 4.3 3.8 5.8

