

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL042821\
 Data File : VL036892.D
 Acq On : 28 Apr 2021 23:05
 Operator : SY/AP
 Sample : OC042221 CAN 10663
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC042221 CAN 10663

Quant Time: Apr 29 12:37:17 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL042721AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LTue Apr 27 16:56:35 2021
 QLast Update : Tue Apr 27 16:56:35 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	1358093	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	3185584	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.10	117	2906123	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	2279204	9.77	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.70%

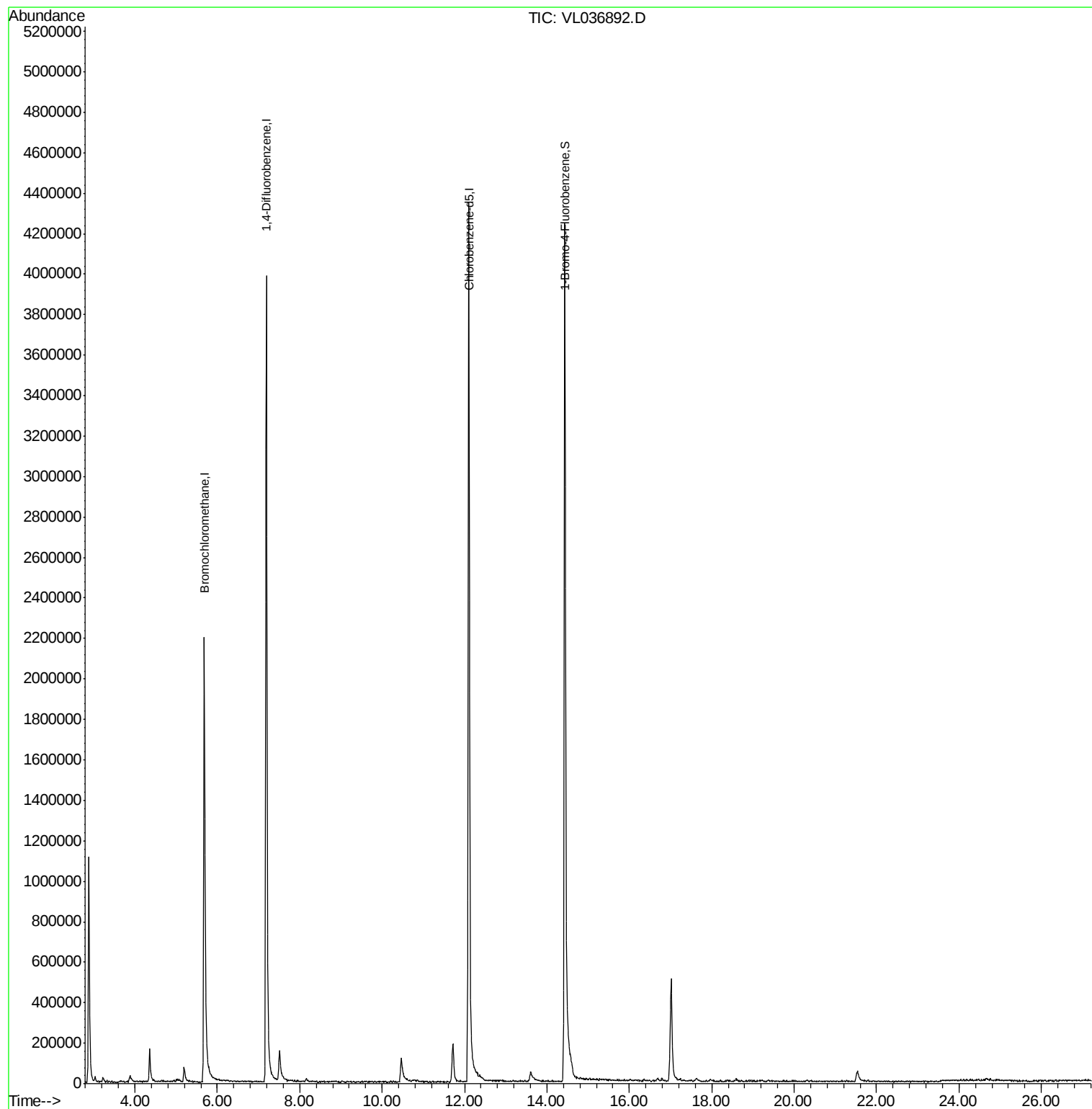
Target Compounds	Ovalue

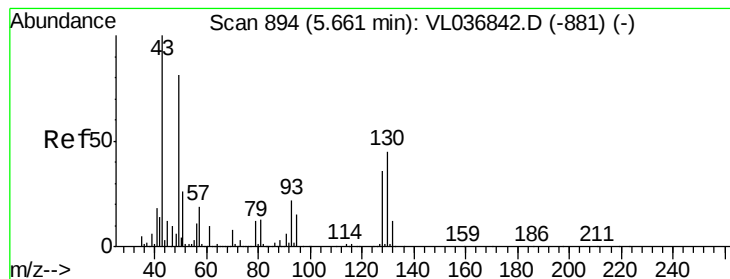
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

QC042221 CAN 10663

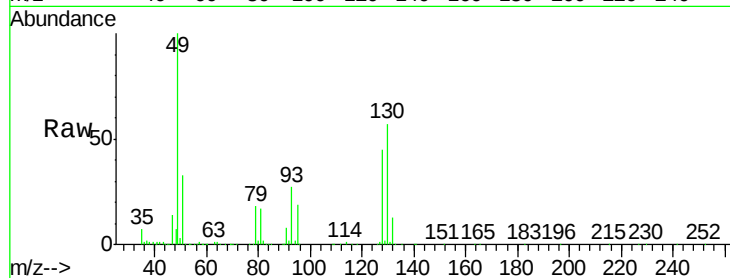
Tot Ion: 49 Resp: 1358093

Ion Ratio Lower Upper

49 100

128 46.4 24.4 73.2

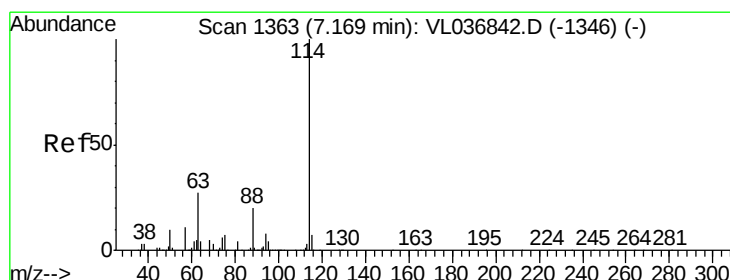
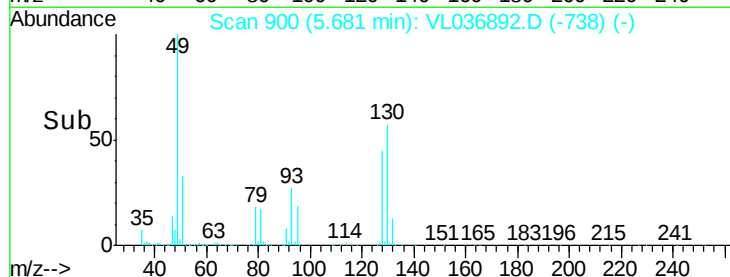
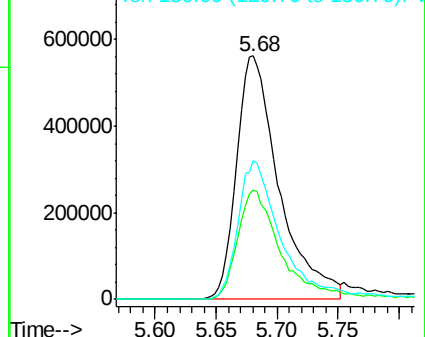
130 60.0 30.3 90.8



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# 1368

Delta R.T. 0.02 min

Lab File: VL036892.D

Acq: 28 Apr 2021 23:05

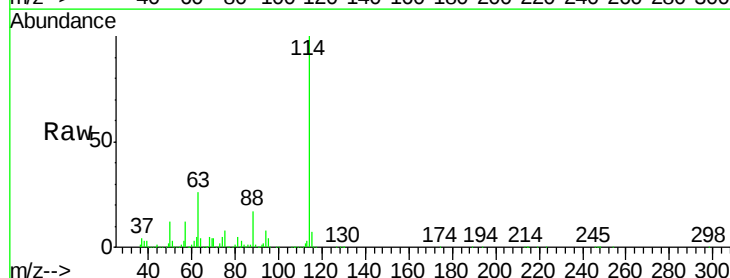
Tgt Ion: 114 Resp: 3185584

Ion Ratio Lower Upper

114 100

63 27.5 21.9 32.9

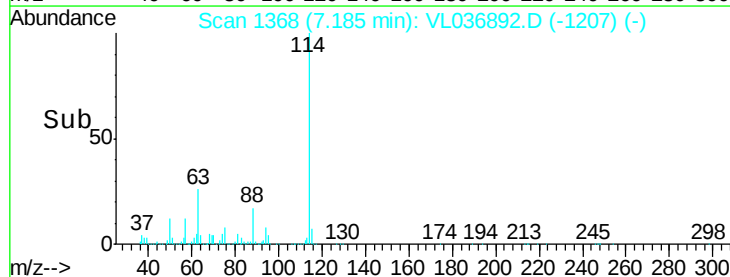
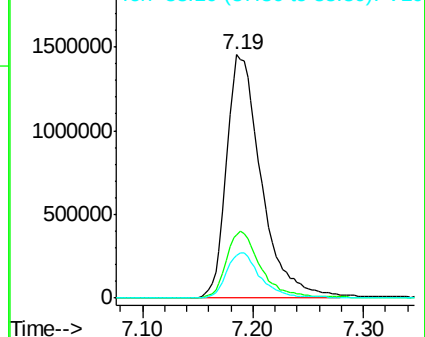
88 18.5 15.1 22.7

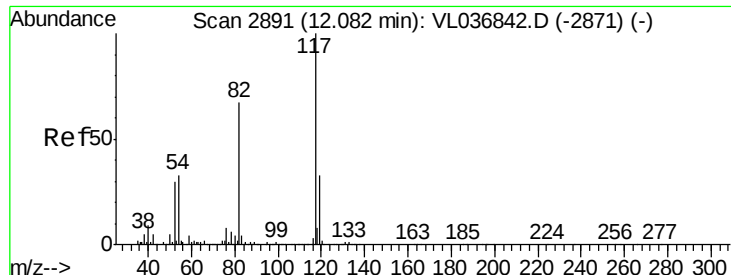


Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

Ion 88.10 (87.80 to 88.80): VL0

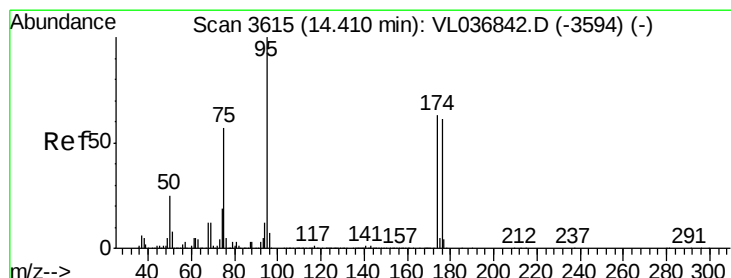
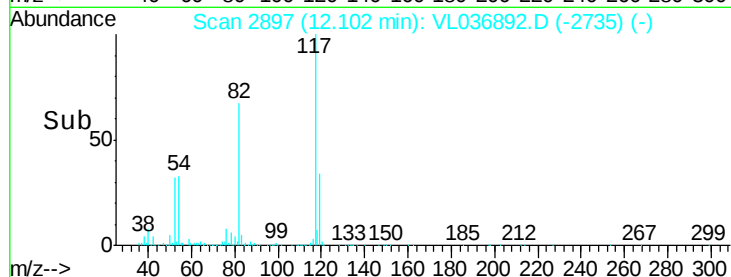
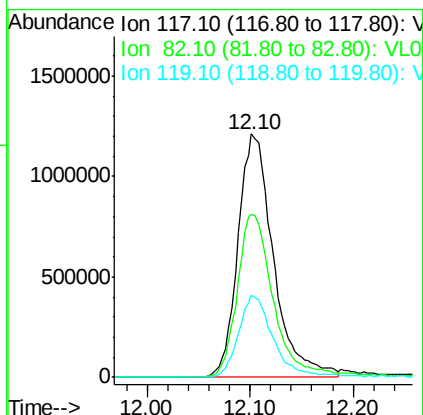
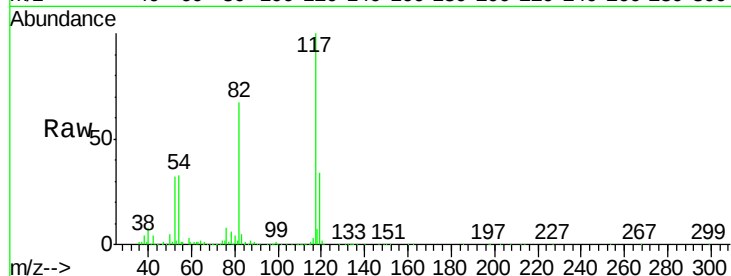




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2897
Delta R.T. 0.02 min
Lab File: VL036892.D
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Tot Ion:117 Resp: 2906123
Ion Ratio Lower Upper
117 100
82 70.8 53.5 80.3
119 34.4 25.6 38.4



#68
1-Bromo-4-Fluorobenzene
Concen: 9.770 ppbv
RT: 14.43 min Scan# 3622
Delta R.T. 0.02 min
Lab File: VL036892.D
Acq: 28 Apr 2021 23:05

Tgt Ion: 95 Resp: 2279204
Ion Ratio Lower Upper
95 100
174 65.8 52.2 78.2
175 4.8 4.0 6.0

