

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021422\
 Data File : VL038339.D
 Acq On : 14 Feb 2022 13:47
 Operator : SY/AP
 Sample : QC020722 CAN 10448
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC020722 CAN 10448

Quant Time: Feb 15 00:40:26 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.658	49	876297	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.163	114	2350819	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.069	117	1959910	10.000	ppbv	#-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.397	95	1547552	10.403	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.000%

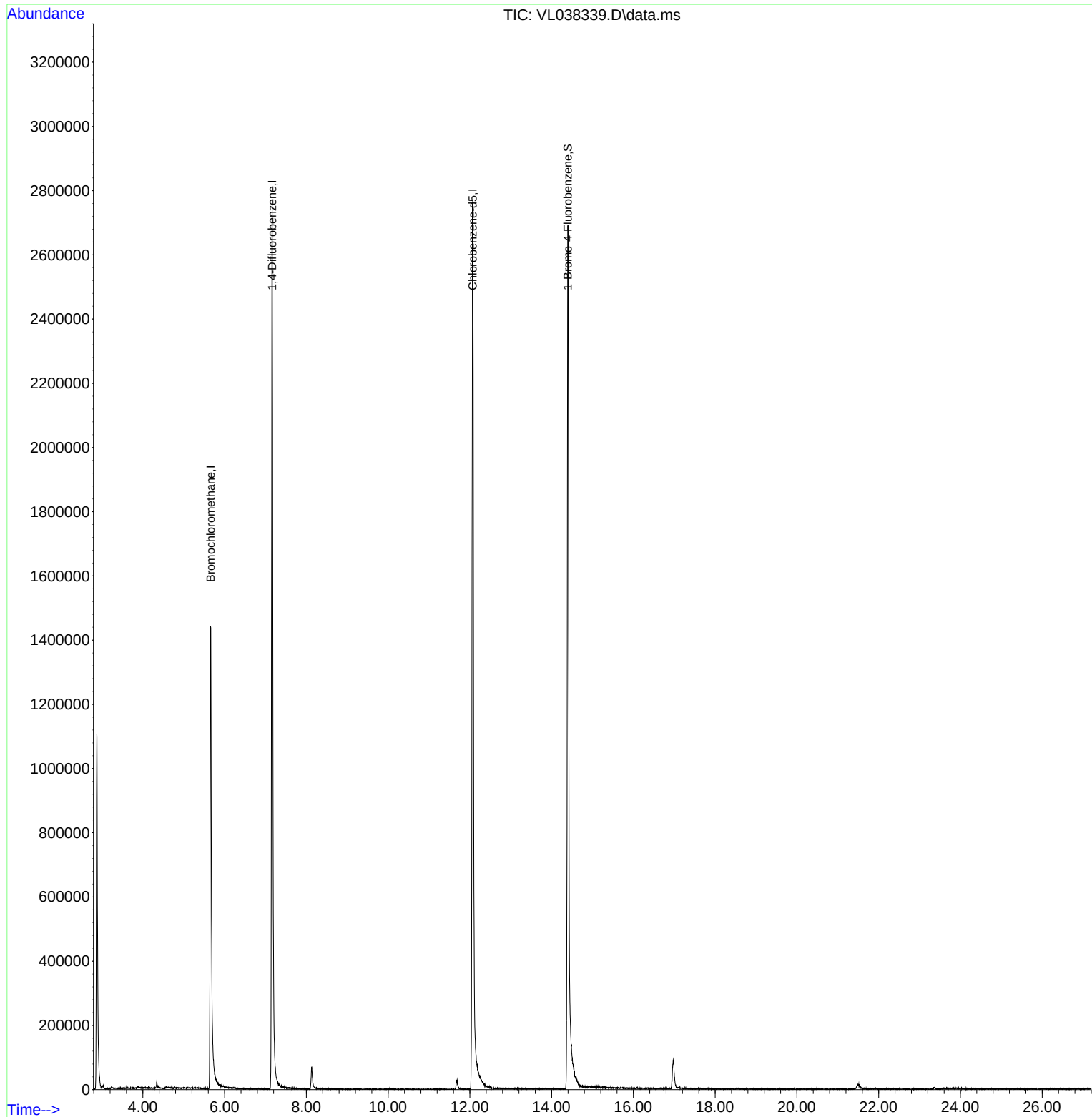
Target Compounds	Qvalue

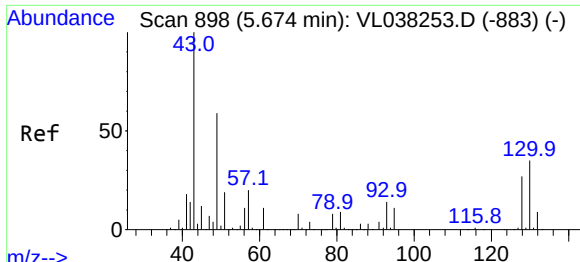
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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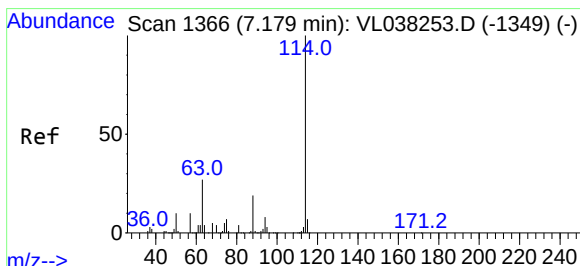
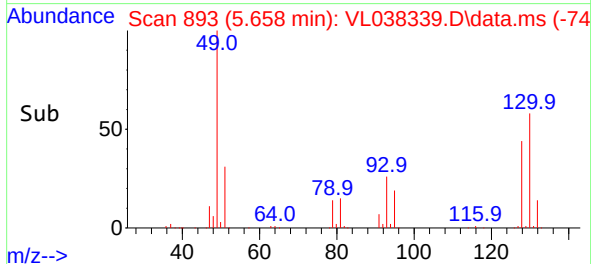
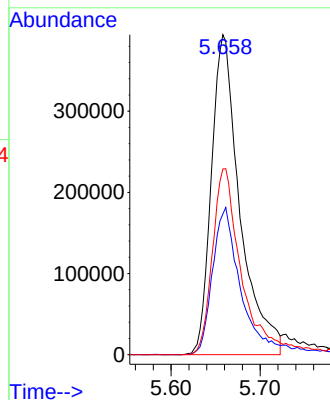
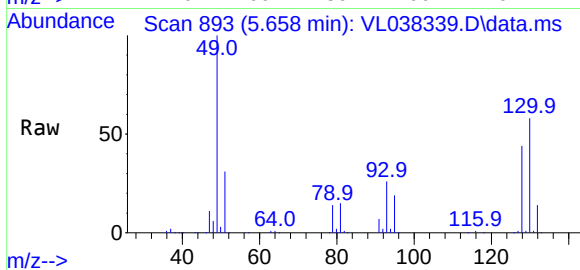




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.658 min Scan# 893
Delta R.T. -0.016 min
Lab File: VL038339.D
Acq: 14 Feb 2022 13:47

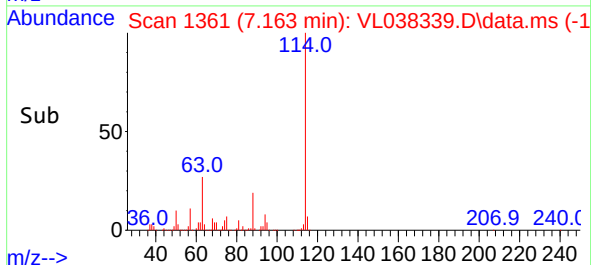
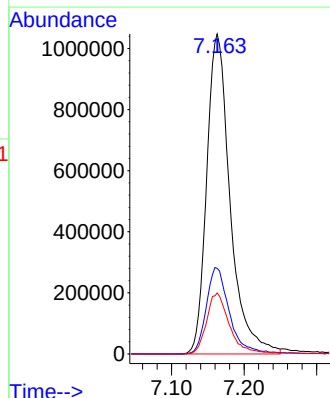
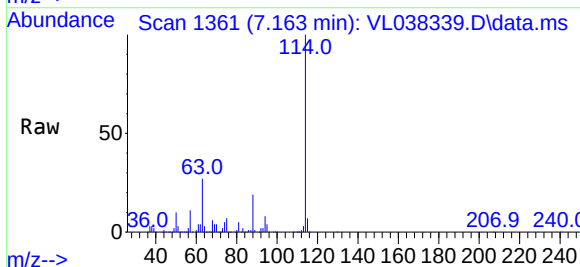
Instrument :
MSVOA_L
ClientSampleId :
QC020722 CAN 10448

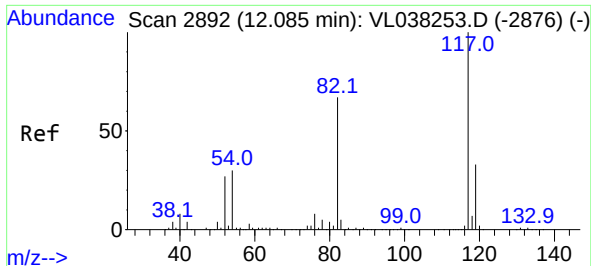
Tgt Ion: 49 Resp: 876297
Ion Ratio Lower Upper
49 100
128 48.3 24.5 73.5
130 61.9 30.1 90.5



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.163 min Scan# 1361
Delta R.T. -0.016 min
Lab File: VL038339.D
Acq: 14 Feb 2022 13:47

Tgt Ion: 114 Resp: 2350819
Ion Ratio Lower Upper
114 100
63 27.0 22.0 33.0
88 18.9 15.0 22.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.069 min Scan# 21

Delta R.T. -0.016 min

Lab File: VL038339.D

Acq: 14 Feb 2022 13:47

Instrument :

MSVOA_L

ClientSampleId :

QC020722 CAN 10448

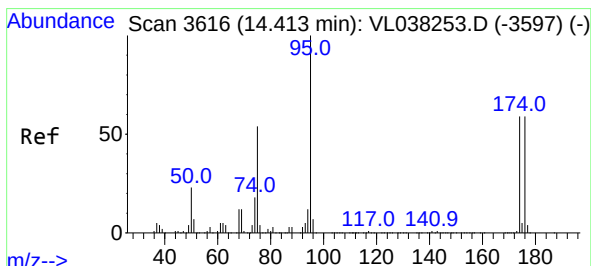
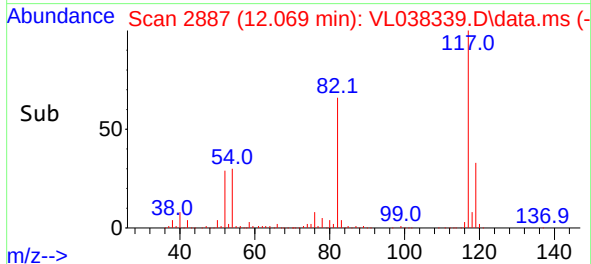
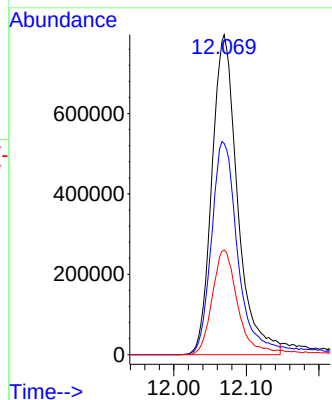
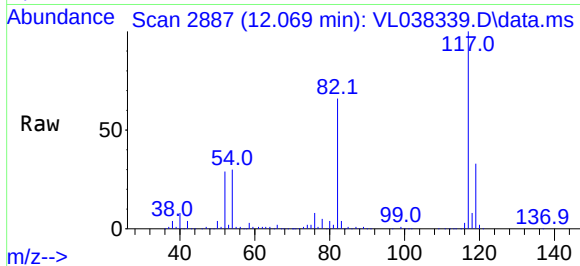
Tgt Ion:117 Resp: 1959910

Ion Ratio Lower Upper

117 100

82 73.0 54.4 81.6

119 34.7 45.9 68.9#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.403 ppbv

RT: 14.397 min Scan# 3611

Delta R.T. -0.016 min

Lab File: VL038339.D

Acq: 14 Feb 2022 13:47

Tgt Ion: 95 Resp: 1547552

Ion Ratio Lower Upper

95 100

174 61.4 48.3 72.5

175 4.5 3.5 5.3

