

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021422\
 Data File : VL038358.D
 Acq On : 15 Feb 2022 8:35
 Operator : SY/AP
 Sample : QC021422 CAN 10401
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC021422 CAN 10401

Quant Time: Feb 16 00:41:48 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	5.623	49	612016	10.000	ppbv	-0.05
33) 1,4-Difluorobenzene	7.124	114	2067057	10.000	ppbv	-0.05
55) Chlorobenzene-d5	12.028	117	1807850	10.000	ppbv	#-0.06

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.359	95	1383251	10.081	ppbv	-0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.800%

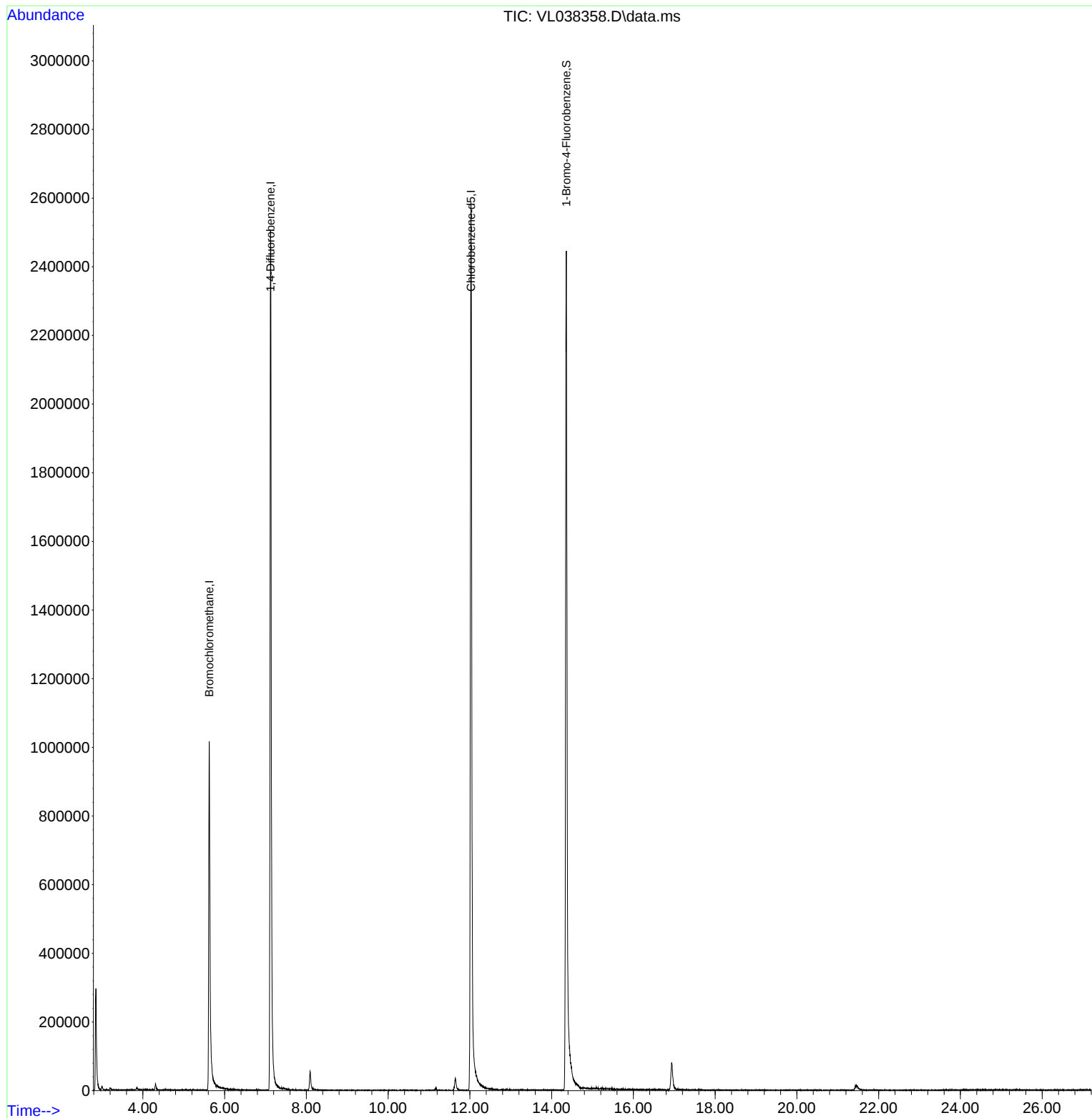
Target Compounds	Qvalue

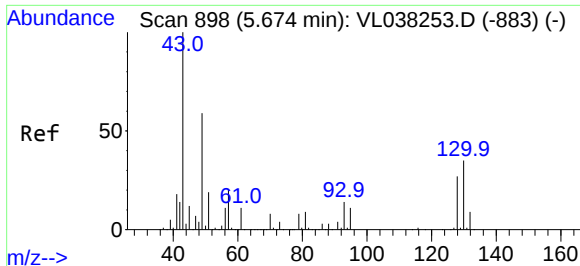
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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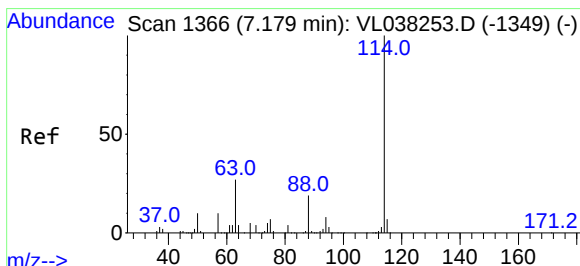
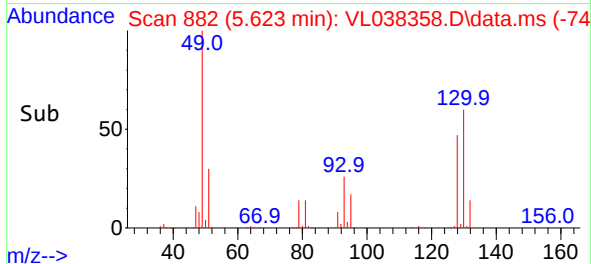
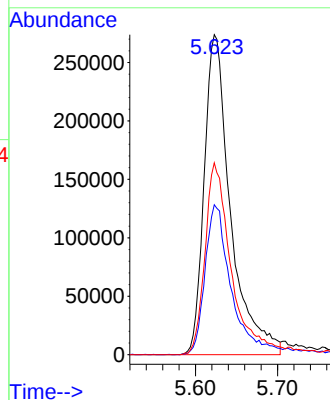
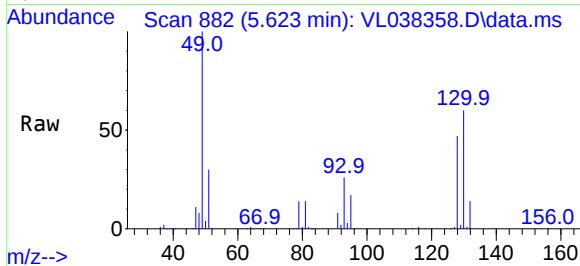




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.623 min Scan# 81
Delta R.T. -0.051 min
Lab File: VL038358.D
Acq: 15 Feb 2022 8:35

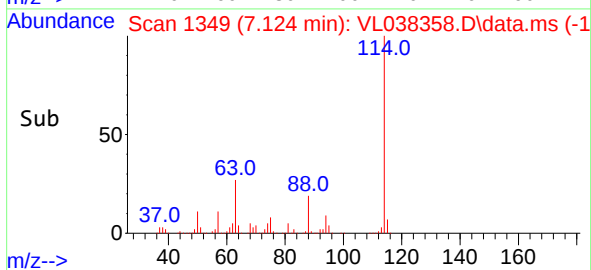
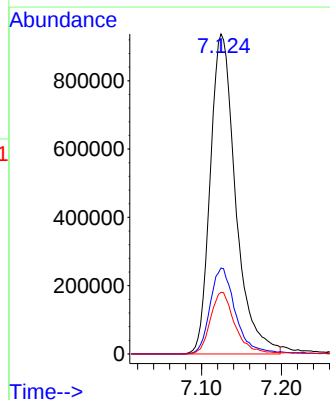
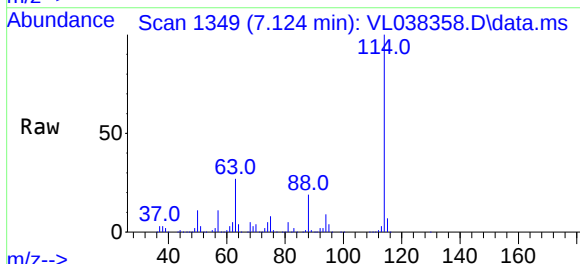
Instrument :
MSVOA_L
ClientSampleId :
QC021422 CAN 10401

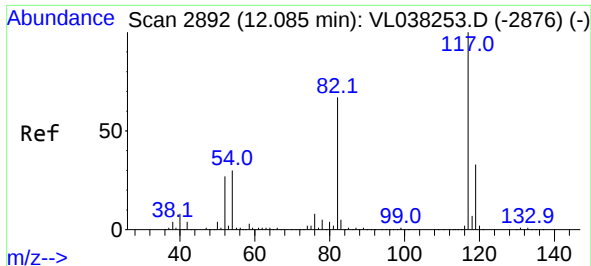
Tgt Ion: 49 Resp: 612016
Ion Ratio Lower Upper
49 100
128 49.1 24.5 73.5
130 61.4 30.1 90.5



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.124 min Scan# 1349
Delta R.T. -0.055 min
Lab File: VL038358.D
Acq: 15 Feb 2022 8:35

Tgt Ion: 114 Resp: 2067057
Ion Ratio Lower Upper
114 100
63 27.4 22.0 33.0
88 19.0 15.0 22.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.028 min Scan# 21

Delta R.T. -0.058 min

Lab File: VL038358.D

Acq: 15 Feb 2022 8:35

Instrument :

MSVOA_L

ClientSampleId :

QC021422 CAN 10401

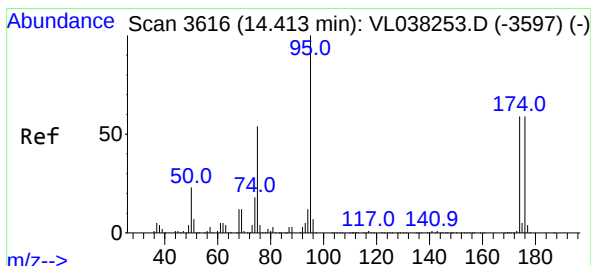
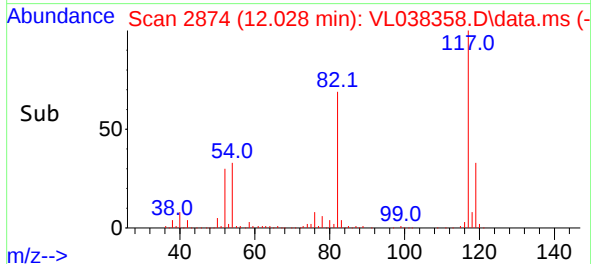
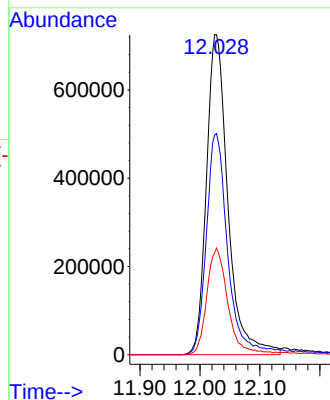
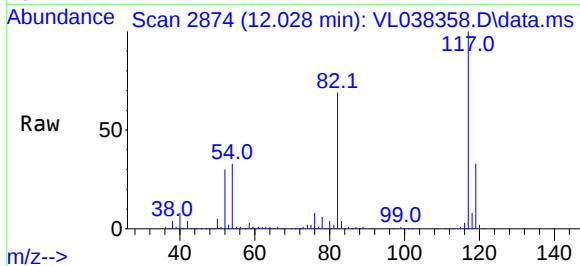
Tgt Ion:117 Resp: 1807850

Ion Ratio Lower Upper

117 100

82 70.7 54.4 81.6

119 33.9 45.9 68.9#



#68

1-Bromo-4-Fluorobenzene

Concen: 10.081 ppbv

RT: 14.359 min Scan# 3599

Delta R.T. -0.055 min

Lab File: VL038358.D

Acq: 15 Feb 2022 8:35

Tgt Ion: 95 Resp: 1383251

Ion Ratio Lower Upper

95 100

174 60.5 48.3 72.5

175 4.6 3.5 5.3

