

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071222\
 Data File : VL039460.D
 Acq On : 12 Jul 2022 23:07
 Operator : SY/AP
 Sample : QC062 CAN 10154
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC062 CAN 10154

Quant Time: Jul 13 01:42:08 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 06 02:15:38 2022
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.684	49	1384192	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.192	114	3940603	10.000	ppbv	0.04
55) Chlorobenzene-d5	12.102	117	3471780	10.000	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.433	95	2565287	9.960	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.600%

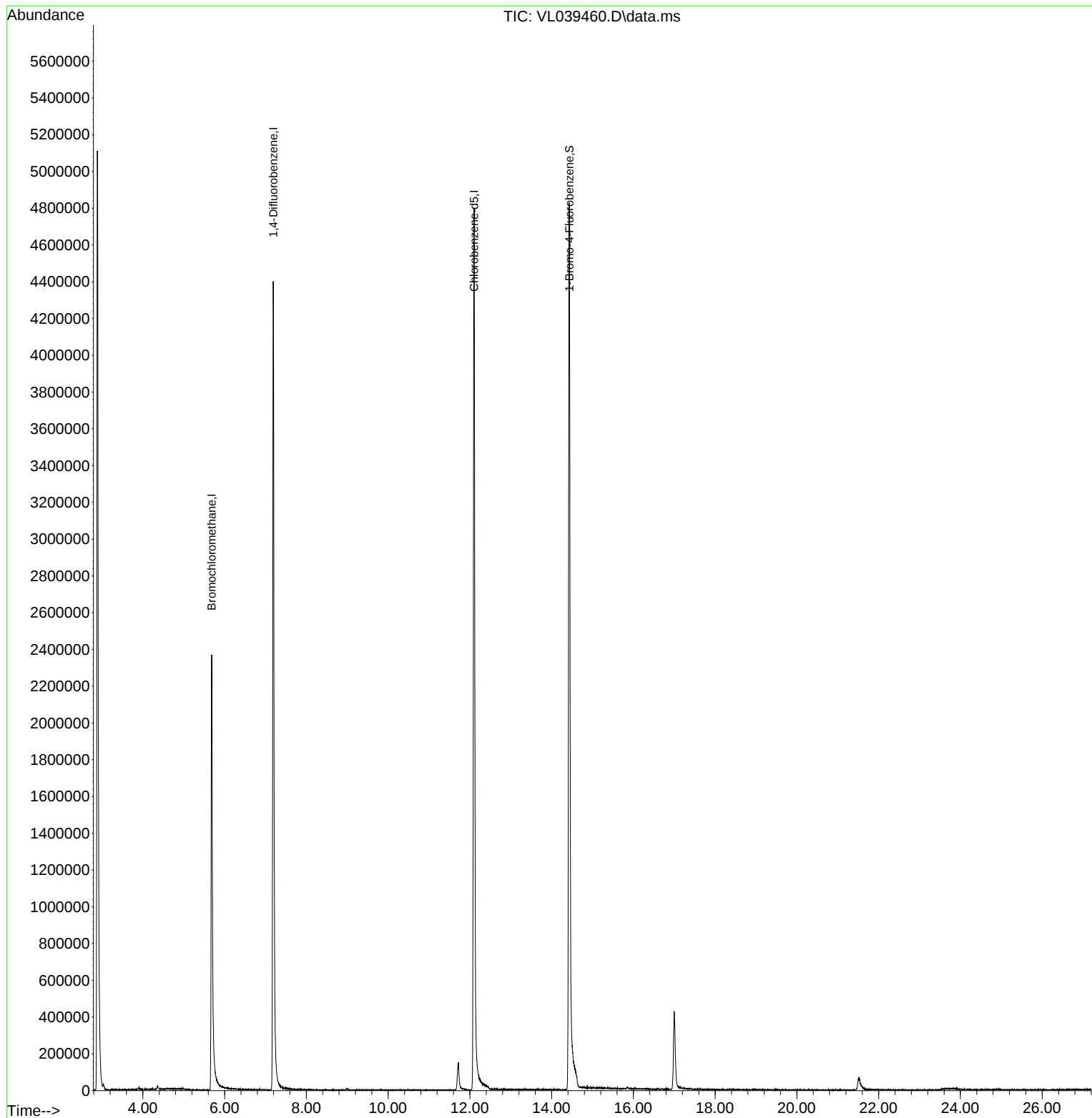
Target Compounds	Qvalue

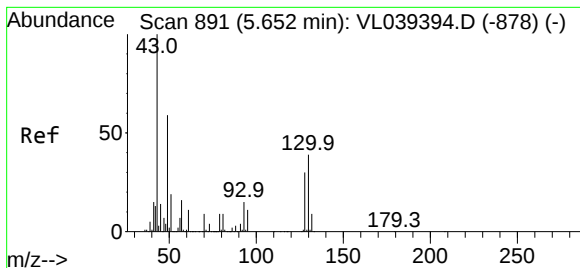
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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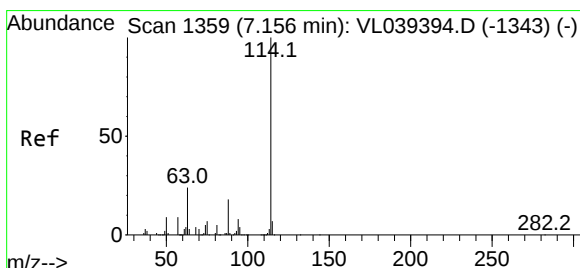
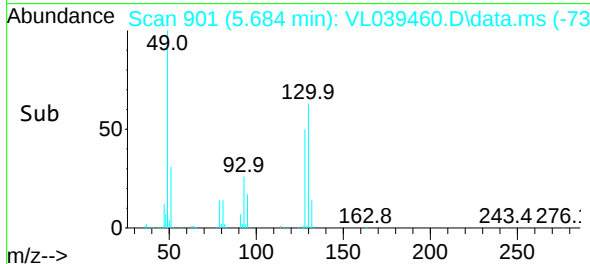
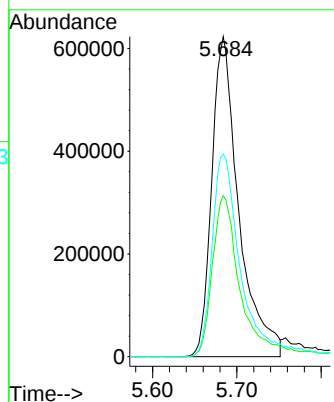
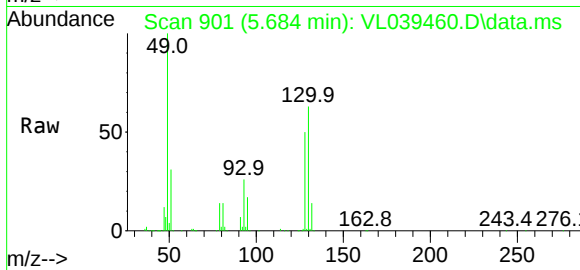




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.684 min Scan# 901
 Delta R.T. 0.032 min
 Lab File: VL039460.D
 Acq: 12 Jul 2022 23:07

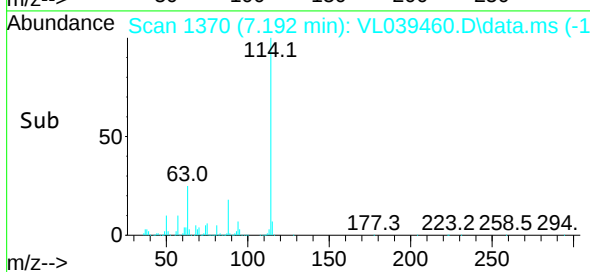
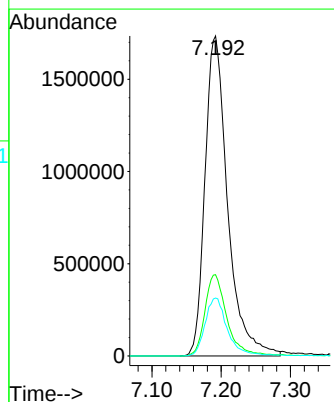
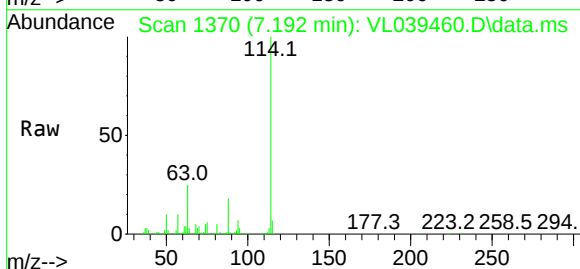
Instrument :
 MSVOA_L
 ClientSampleId :
 QC062 CAN 10154

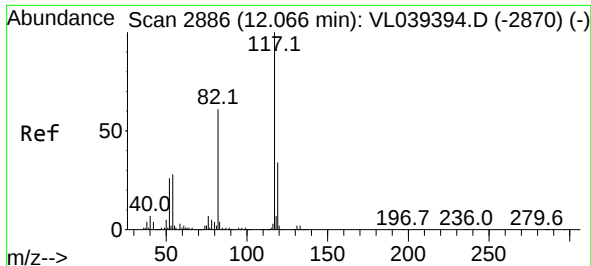
Tgt Ion: 49 Resp: 1384192
 Ion Ratio Lower Upper
 49 100
 128 54.6 26.7 80.0
 130 70.5 34.3 102.8



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.192 min Scan# 1370
 Delta R.T. 0.035 min
 Lab File: VL039460.D
 Acq: 12 Jul 2022 23:07

Tgt Ion: 114 Resp: 3940603
 Ion Ratio Lower Upper
 114 100
 63 25.0 20.2 30.4
 88 18.1 14.5 21.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.102 min Scan# 21

Delta R.T. 0.035 min

Lab File: VL039460.D

Acq: 12 Jul 2022 23:07

Instrument :

MSVOA_L

ClientSampleId :

QC062 CAN 10154

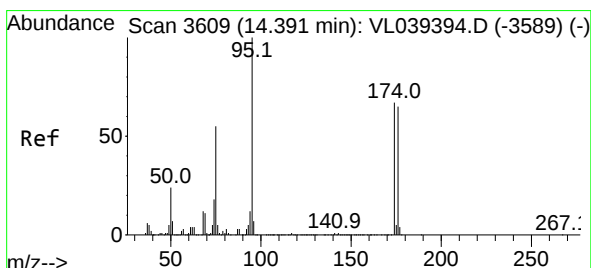
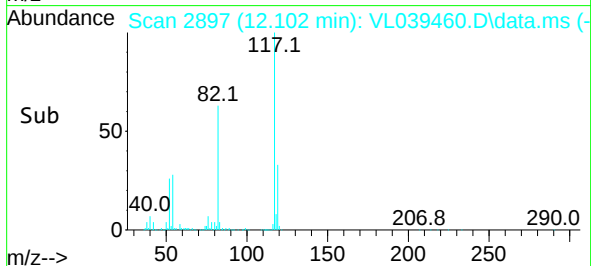
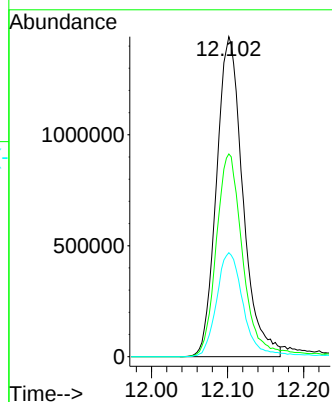
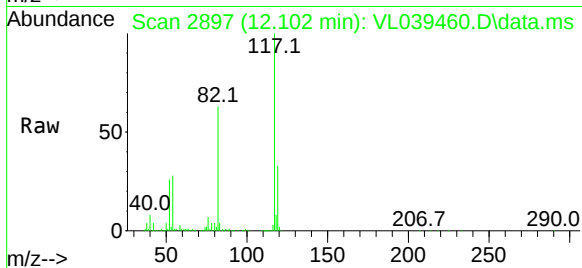
Tgt Ion:117 Resp: 3471780

Ion Ratio Lower Upper

117 100

82 65.9 50.8 76.2

119 34.0 24.1 36.1



#68

1-Bromo-4-Fluorobenzene

Concen: 9.960 ppbv

RT: 14.433 min Scan# 3622

Delta R.T. 0.042 min

Lab File: VL039460.D

Acq: 12 Jul 2022 23:07

Tgt Ion: 95 Resp: 2565287

Ion Ratio Lower Upper

95 100

174 75.5 55.9 83.9

175 5.7 4.2 6.4

