

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041222\
 Data File : VL038890.D
 Acq On : 12 Apr 2022 13:52
 Operator : SY/AP
 Sample : VL0412ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0412ABL01

Quant Time: Apr 13 01:17:15 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.661	49	1137556	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.166	114	3095671	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	2695713	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.404	95	2082007	10.182	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.800%

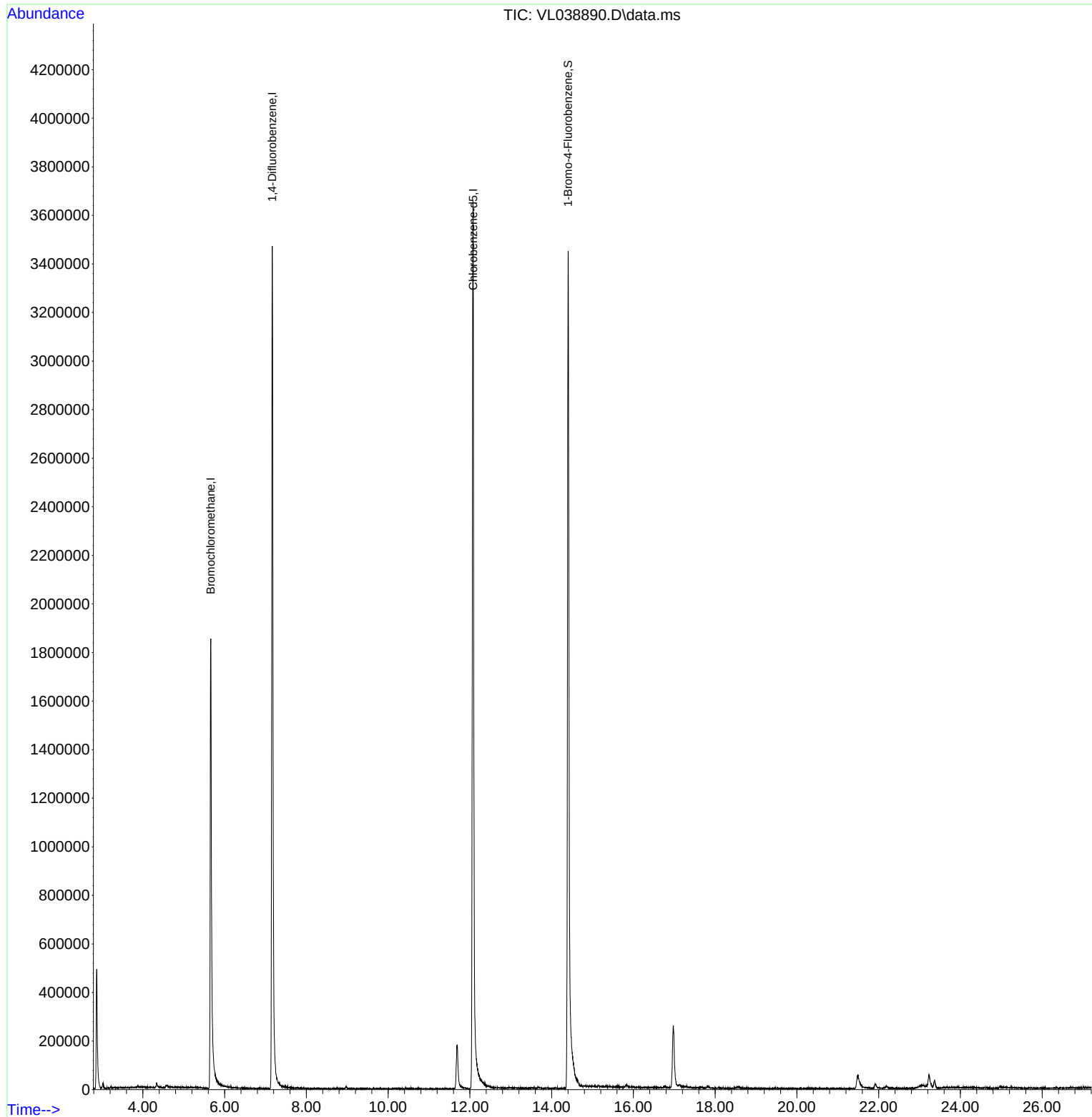
Target Compounds	Qvalue

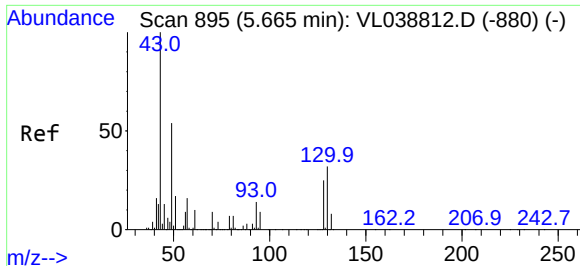
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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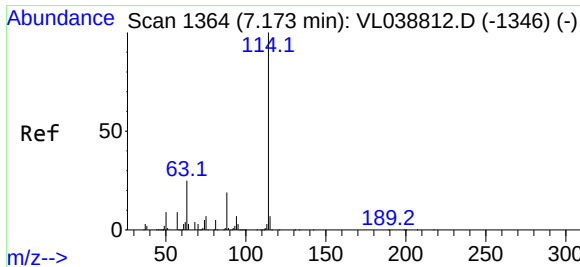
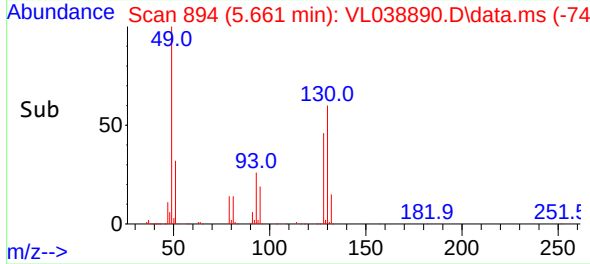
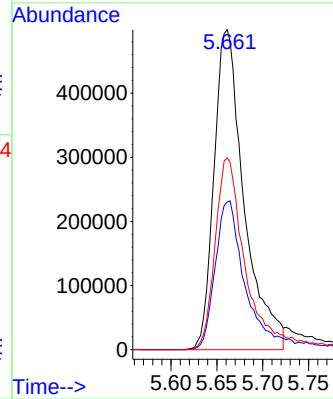
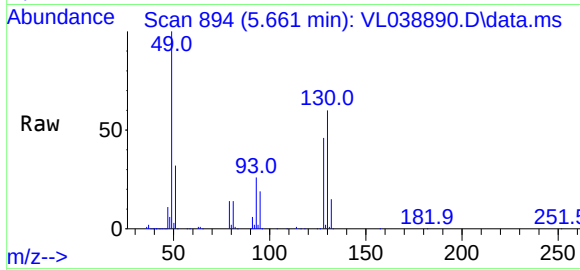




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 895
Delta R.T. -0.003 min
Lab File: VL038890.D
Acq: 12 Apr 2022 13:52

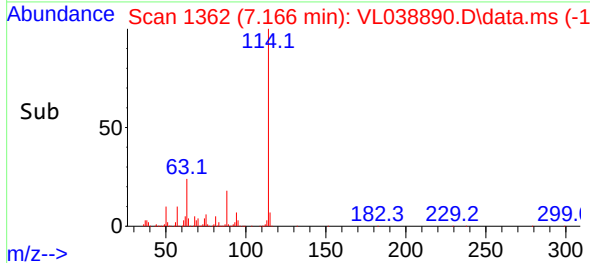
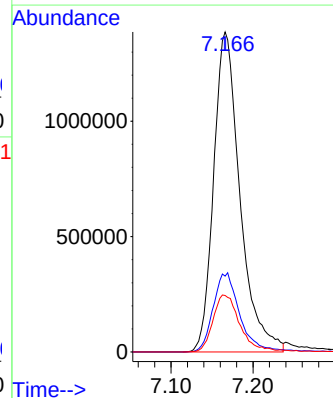
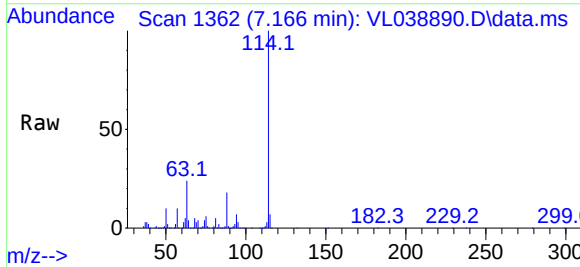
Instrument :
MSVOA_1
ClientSampleId :
VL0412ABL01

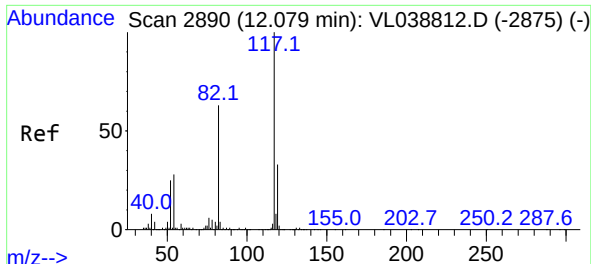
Tgt Ion: 49 Resp: 1137556
Ion Ratio Lower Upper
49 100
128 50.5 24.1 72.3
130 63.4 30.9 92.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.166 min Scan# 1362
Delta R.T. -0.007 min
Lab File: VL038890.D
Acq: 12 Apr 2022 13:52

Tgt Ion: 114 Resp: 3095671
Ion Ratio Lower Upper
114 100
63 25.5 19.8 29.8
88 18.6 14.2 21.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.079 min Scan# 2890

Delta R.T. -0.000 min

Lab File: VL038890.D

Acq: 12 Apr 2022 13:52

Instrument :

MSVOA_1

ClientSampleId :

VL0412ABL01

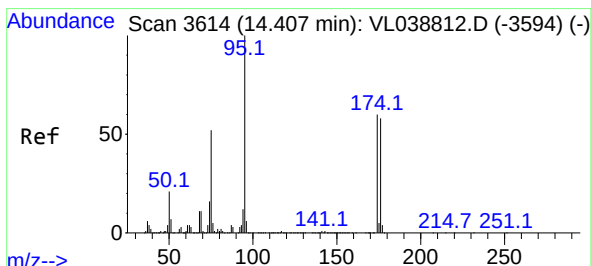
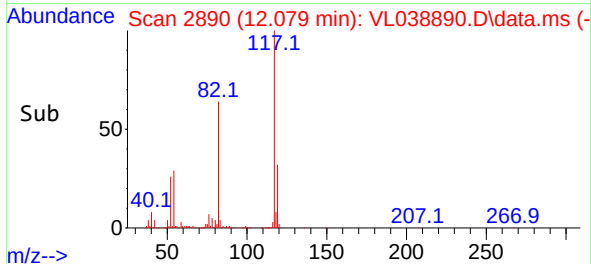
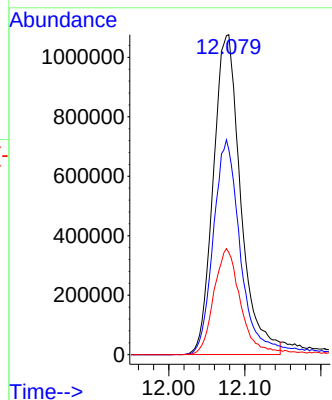
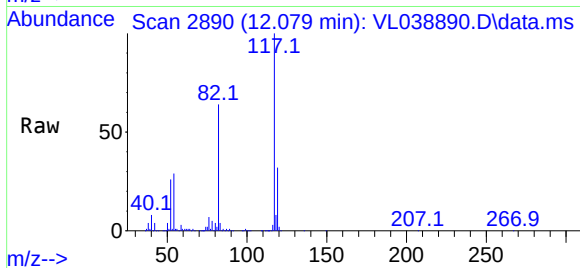
Tgt Ion:117 Resp: 2695713

Ion Ratio Lower Upper

117 100

82 68.8 53.0 79.6

119 33.6 24.9 37.3



#68

1-Bromo-4-Fluorobenzene

Concen: 10.182 ppbv

RT: 14.404 min Scan# 3613

Delta R.T. -0.003 min

Lab File: VL038890.D

Acq: 12 Apr 2022 13:52

Tgt Ion: 95 Resp: 2082007

Ion Ratio Lower Upper

95 100

174 64.5 52.0 78.0

175 4.7 4.0 6.0

