

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032122\
 Data File : VL038662.D
 Acq On : 21 Mar 2022 22:40
 Operator : SY/AP
 Sample : QC031722 CAN 10323
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC031722 CAN 10323

Quant Time: Mar 22 03:52:18 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.661	49	850860	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.166	114	2184044	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.076	117	1946068	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	1403136	9.404	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.000%

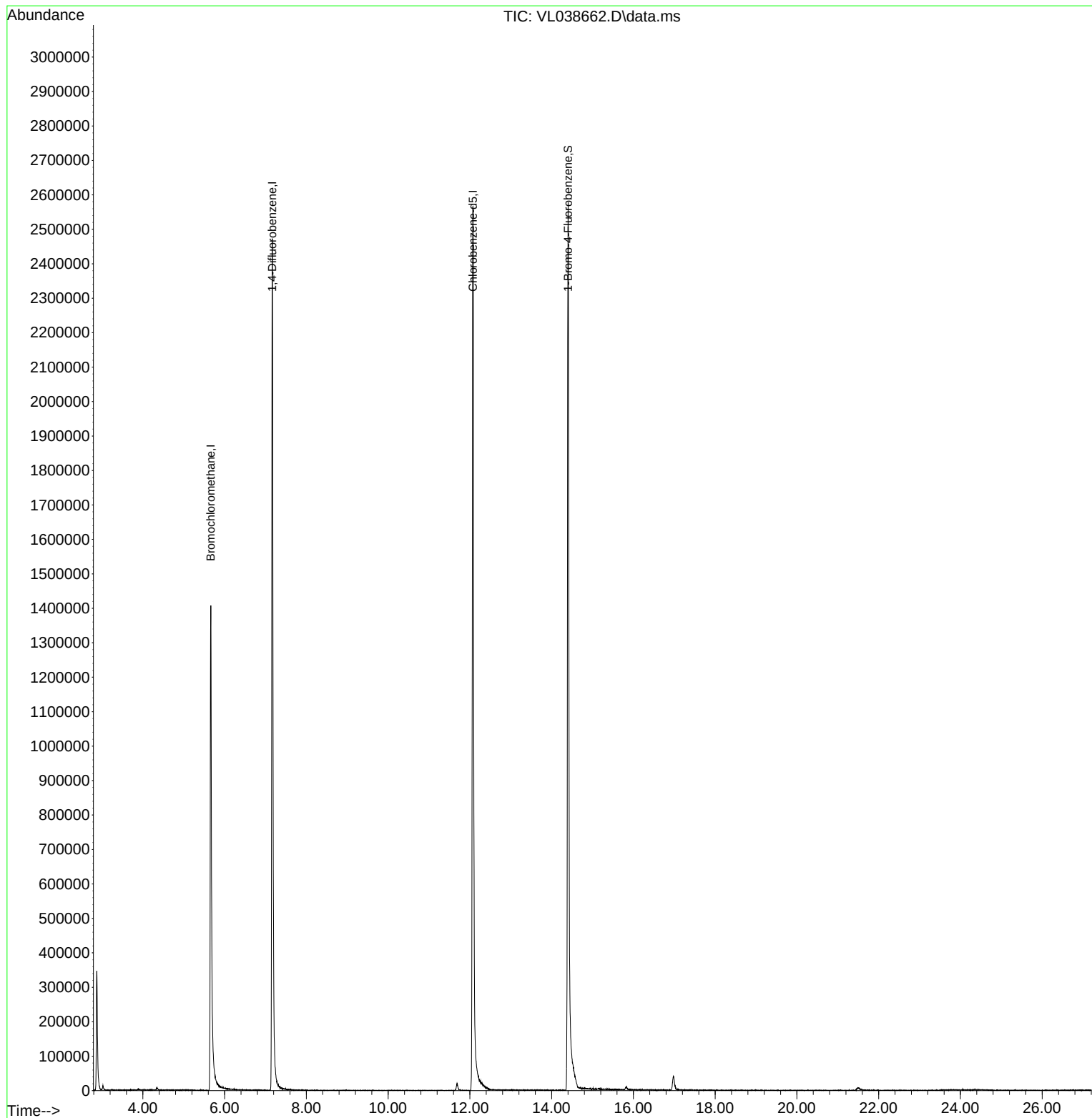
Target Compounds	Qvalue

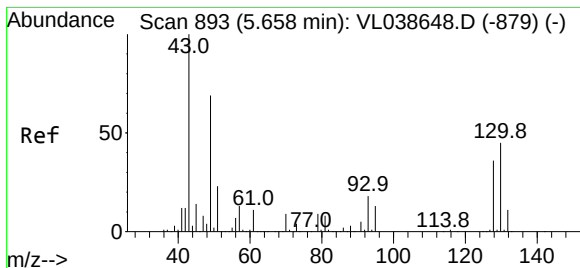
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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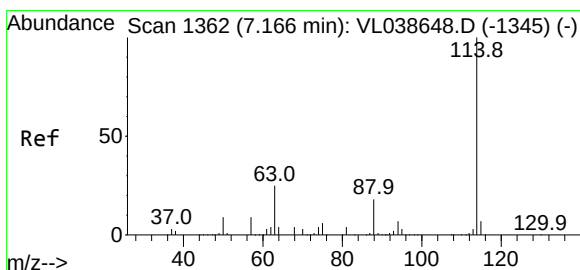
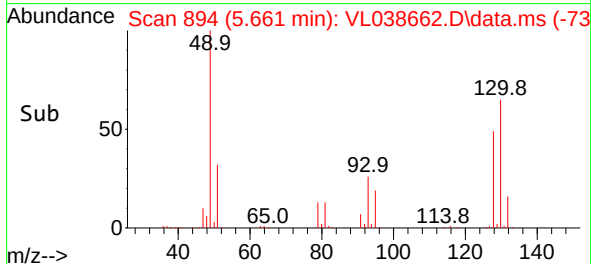
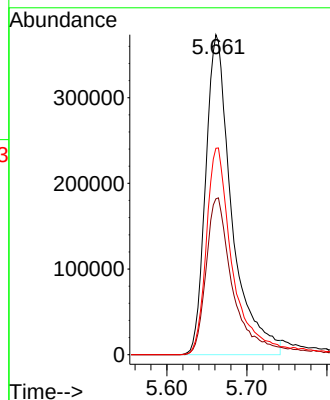
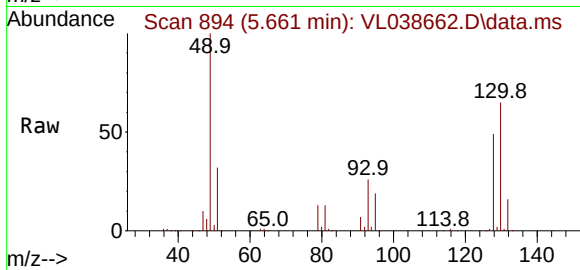




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 893
Delta R.T. 0.003 min
Lab File: VL038662.D
Acq: 21 Mar 2022 22:40

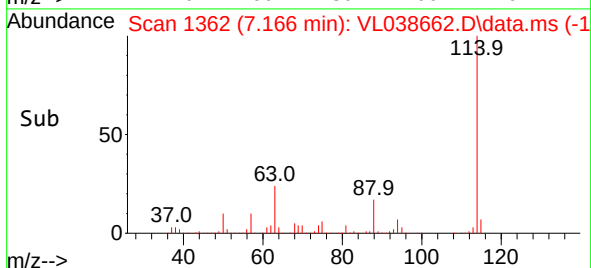
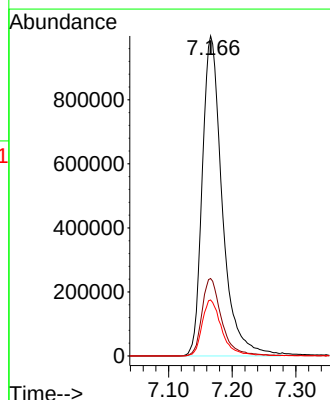
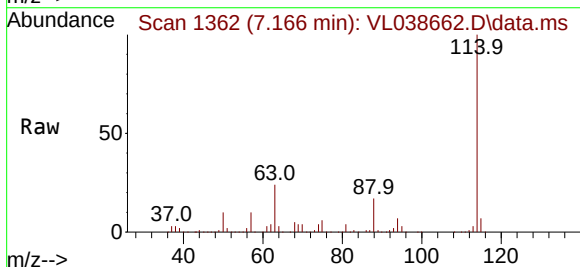
Instrument :
MSVOA_L
ClientSampleId :
QC031722 CAN 10323

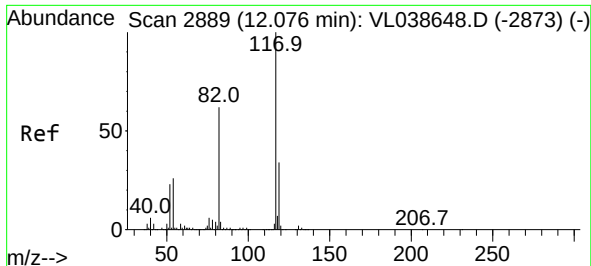
Tgt Ion: 49 Resp: 850860
Ion Ratio Lower Upper
49 100
128 52.3 26.2 78.6
130 67.0 33.7 101.1



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.166 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VL038662.D
Acq: 21 Mar 2022 22:40

Tgt Ion: 114 Resp: 2184044
Ion Ratio Lower Upper
114 100
63 24.2 19.4 29.0
88 17.5 13.9 20.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.076 min Scan# 2889

Delta R.T. -0.000 min

Lab File: VL038662.D

Acq: 21 Mar 2022 22:40

Instrument :

MSVOA_L

ClientSampleId :

QC031722 CAN 10323

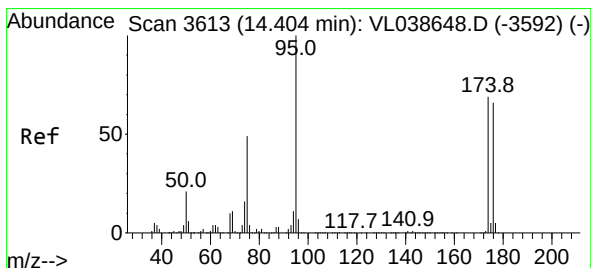
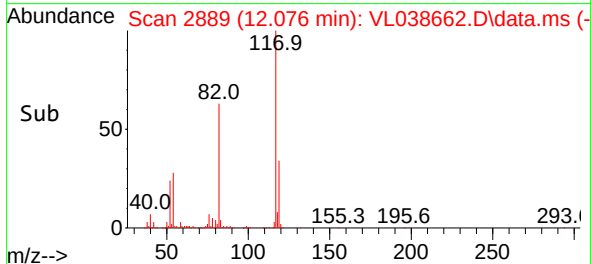
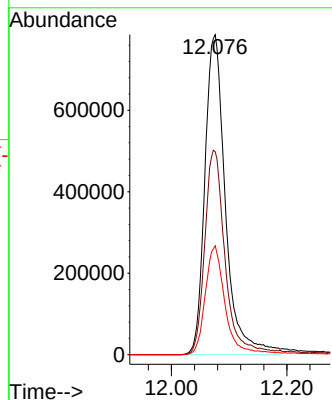
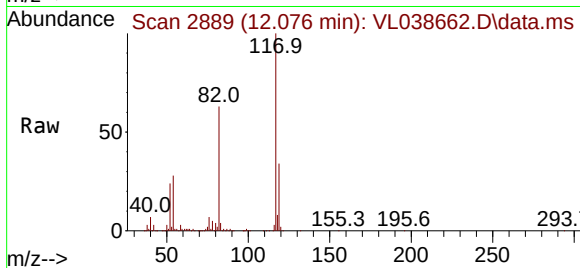
Tgt Ion:117 Resp: 1946068

Ion Ratio Lower Upper

117 100

82 64.7 51.6 77.4

119 33.3 26.9 40.3



#68

1-Bromo-4-Fluorobenzene

Concen: 9.404 ppbv

RT: 14.404 min Scan# 3613

Delta R.T. -0.000 min

Lab File: VL038662.D

Acq: 21 Mar 2022 22:40

Tgt Ion: 95 Resp: 1403136

Ion Ratio Lower Upper

95 100

174 73.1 56.1 84.1

175 5.3 4.2 6.2

