

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
 Data File : VL038685.D
 Acq On : 22 Mar 2022 15:29
 Operator : SY/AP
 Sample : QC032122 CAN 10268
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC032122 CAN 10268

Quant Time: Mar 23 04:14:21 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	5.655	49	855484	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.160	114	2220117	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.069	117	1903443	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.397	95	1382388	9.473	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.700%

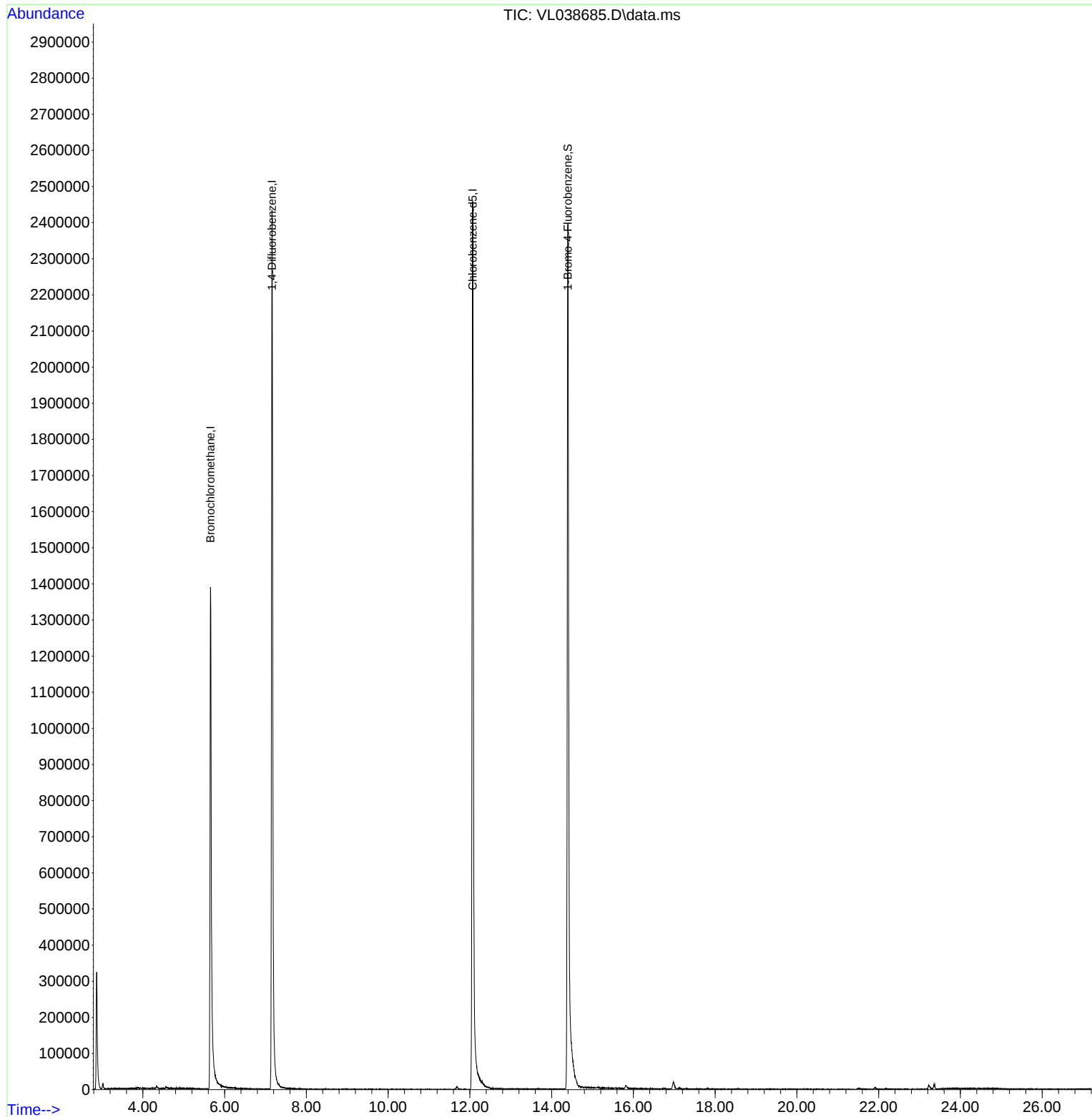
Target Compounds	Qvalue

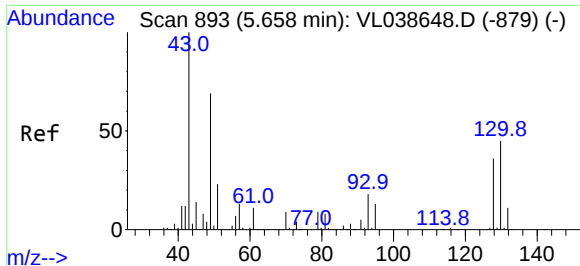
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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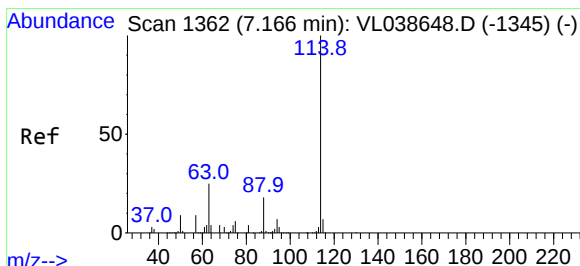
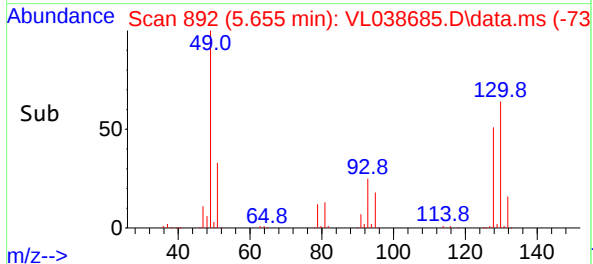
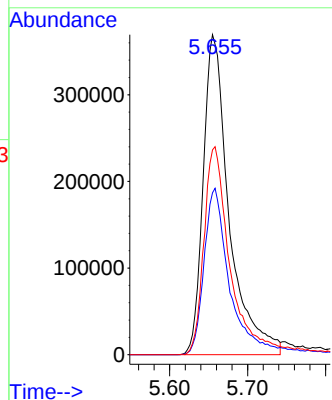
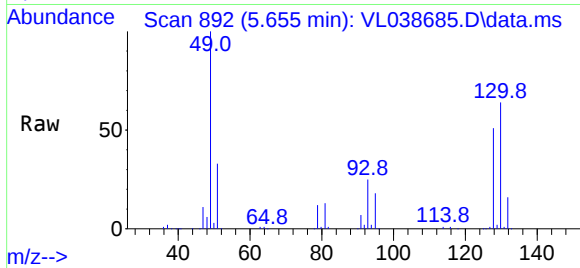




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 893
Delta R.T. -0.003 min
Lab File: VL038685.D
Acq: 22 Mar 2022 15:29

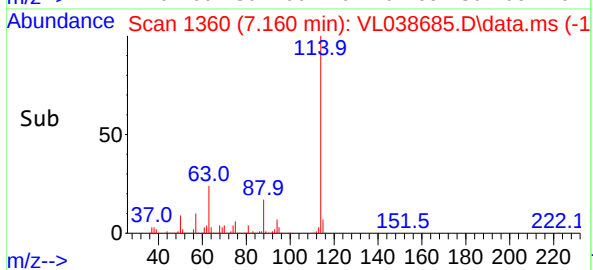
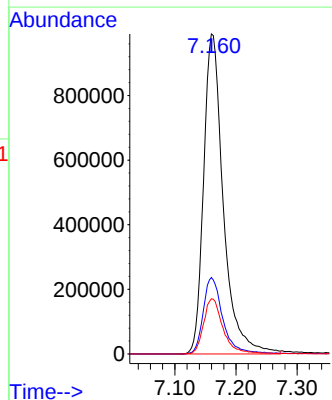
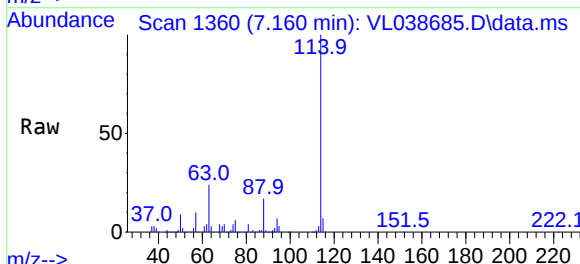
Instrument :
MSVOA_L
ClientSampleId :
QC032122 CAN 10268

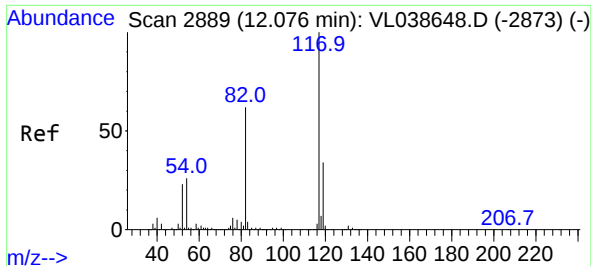
Tgt Ion: 49 Resp: 855484
Ion Ratio Lower Upper
49 100
128 53.7 26.2 78.6
130 68.6 33.7 101.1



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 1360
Delta R.T. -0.006 min
Lab File: VL038685.D
Acq: 22 Mar 2022 15:29

Tgt Ion: 114 Resp: 2220117
Ion Ratio Lower Upper
114 100
63 24.0 19.4 29.0
88 17.3 13.9 20.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.069 min Scan# 21

Delta R.T. -0.006 min

Lab File: VL038685.D

Acq: 22 Mar 2022 15:29

Instrument :

MSVOA_L

ClientSampleId :

QC032122 CAN 10268

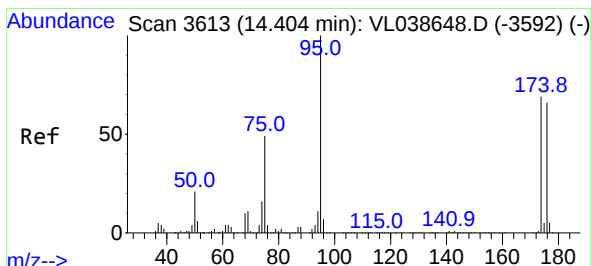
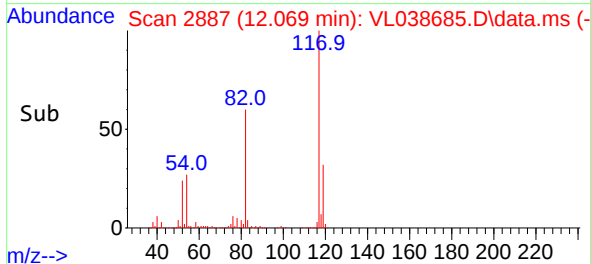
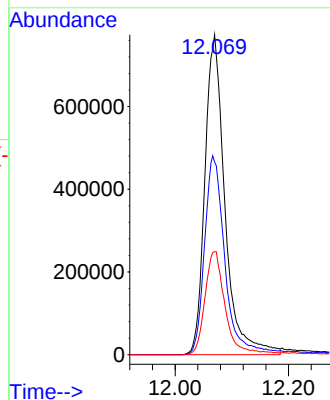
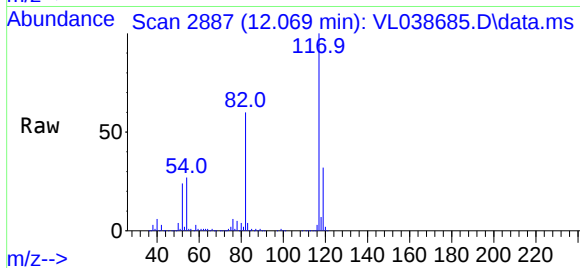
Tgt Ion:117 Resp: 1903443

Ion Ratio Lower Upper

117 100

82 64.3 51.6 77.4

119 33.6 26.9 40.3



#68

1-Bromo-4-Fluorobenzene

Concen: 9.473 ppbv

RT: 14.397 min Scan# 3611

Delta R.T. -0.006 min

Lab File: VL038685.D

Acq: 22 Mar 2022 15:29

Tgt Ion: 95 Resp: 1382388

Ion Ratio Lower Upper

95 100

174 72.5 56.1 84.1

175 5.2 4.2 6.2

