

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032822\
 Data File : VL038783.D
 Acq On : 28 Mar 2022 22:59
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Mar 29 06:14:10 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	794200	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.166	114	2043599	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.073	117	1714550	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	1305309	9.930	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%

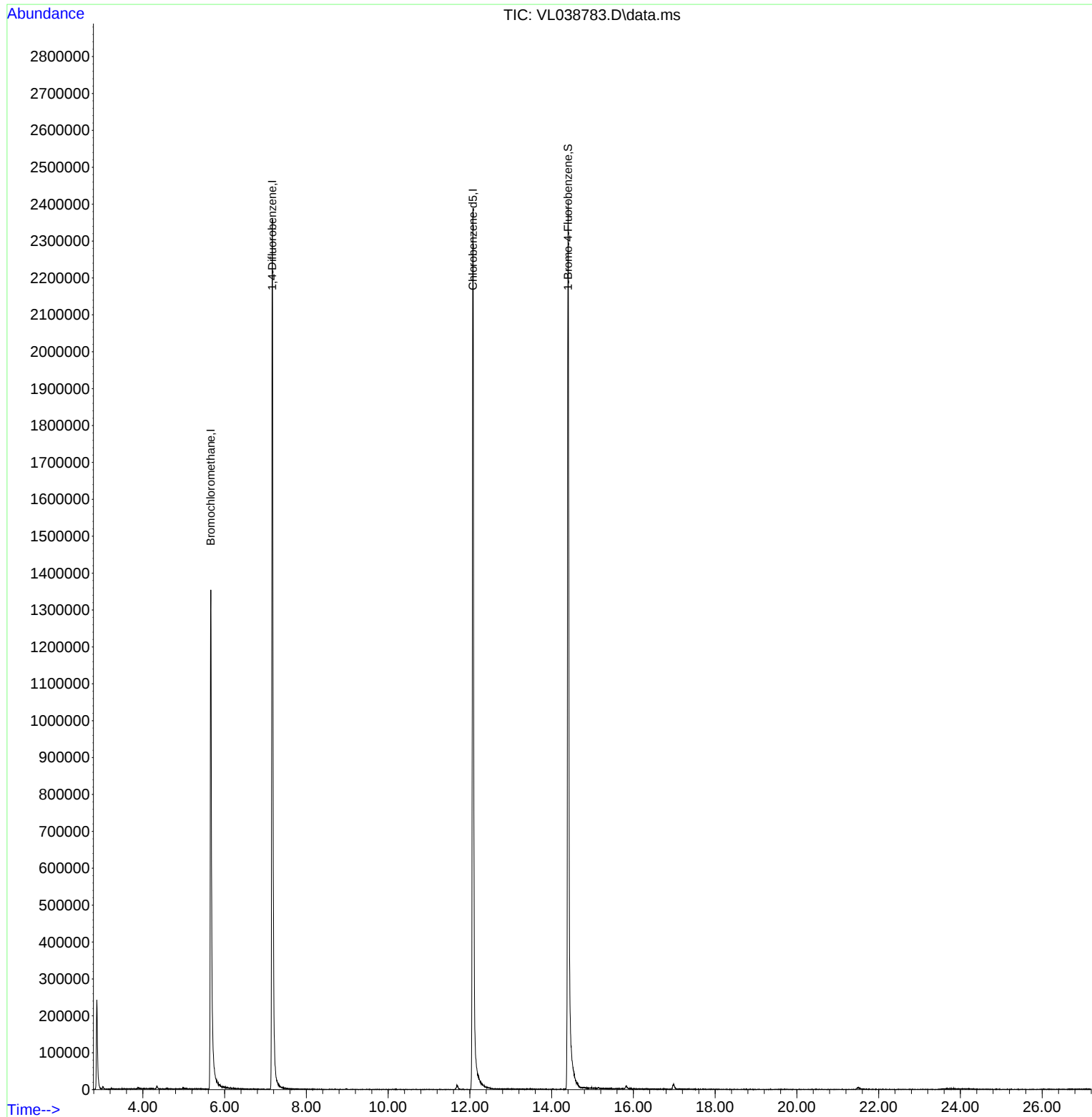
Target Compounds	Qvalue

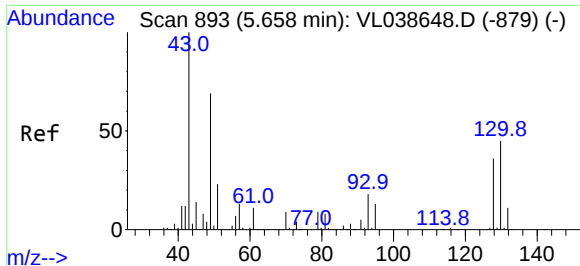
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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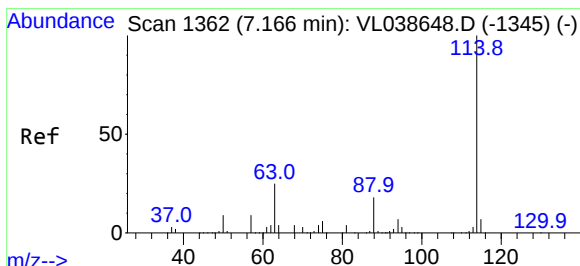
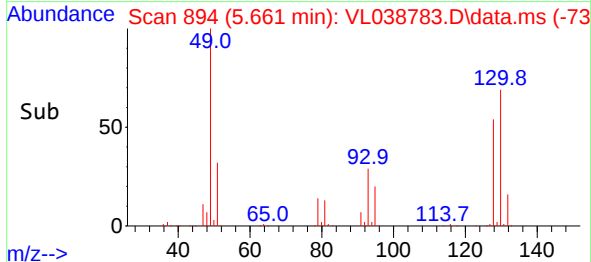
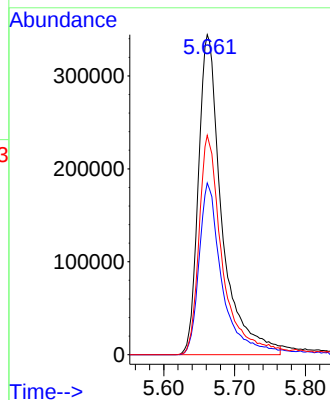
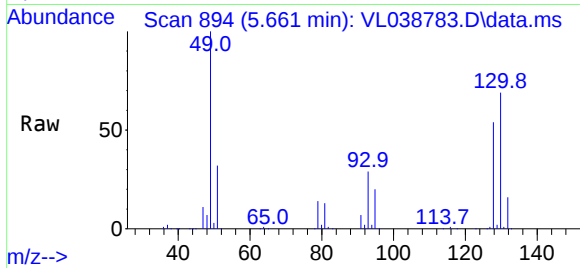




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.661 min Scan# 893
 Delta R.T. 0.003 min
 Lab File: VL038783.D
 Acq: 28 Mar 2022 22:59

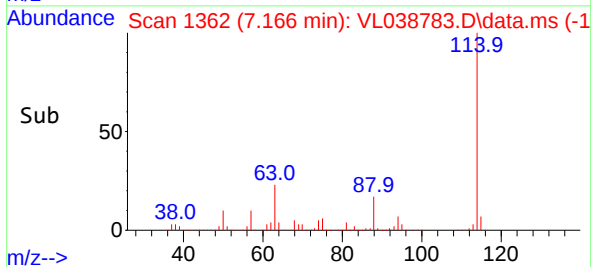
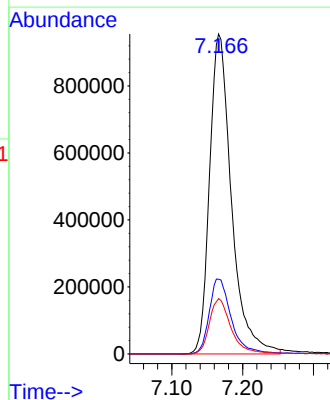
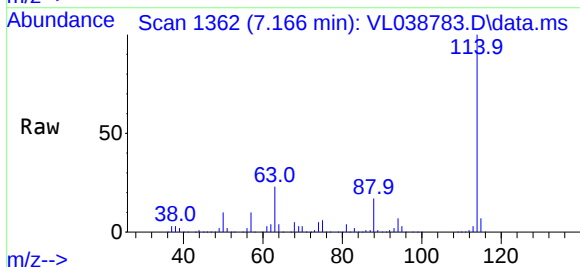
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

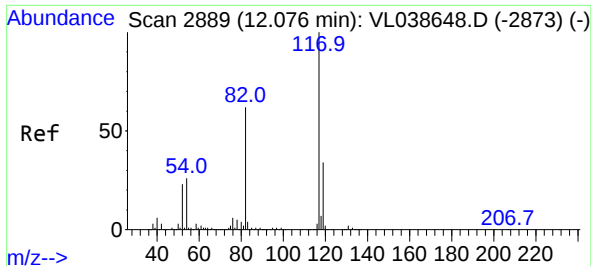
Tgt Ion: 49 Resp: 794200
 Ion Ratio Lower Upper
 49 100
 128 53.9 26.2 78.6
 130 70.0 33.7 101.1



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.166 min Scan# 1362
 Delta R.T. -0.000 min
 Lab File: VL038783.D
 Acq: 28 Mar 2022 22:59

Tgt Ion: 114 Resp: 2043599
 Ion Ratio Lower Upper
 114 100
 63 24.2 19.4 29.0
 88 17.4 13.9 20.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.073 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL038783.D

Acq: 28 Mar 2022 22:59

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

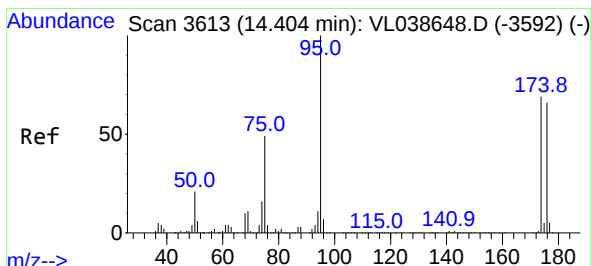
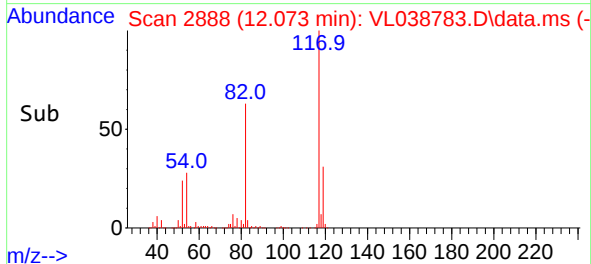
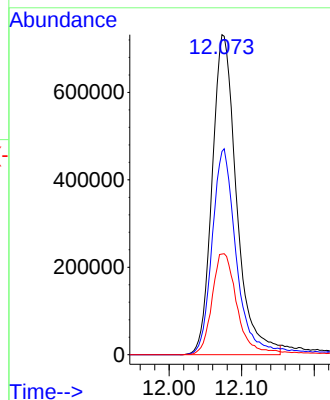
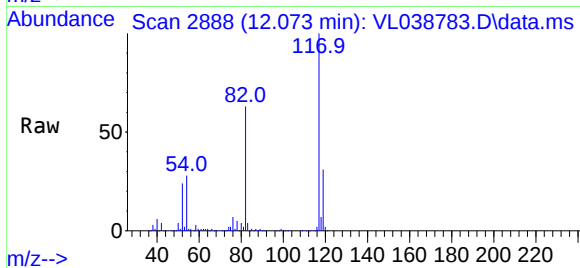
Tgt Ion:117 Resp: 1714550

Ion Ratio Lower Upper

117 100

82 66.0 51.6 77.4

119 33.4 26.9 40.3



#68

1-Bromo-4-Fluorobenzene

Concen: 9.930 ppbv

RT: 14.404 min Scan# 3613

Delta R.T. -0.000 min

Lab File: VL038783.D

Acq: 28 Mar 2022 22:59

Tgt Ion: 95 Resp: 1305309

Ion Ratio Lower Upper

95 100

174 69.5 56.1 84.1

175 5.1 4.2 6.2

