

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032222\
 Data File : VL038683.D
 Acq On : 22 Mar 2022 14:00
 Operator : SY/AP
 Sample : VL0322ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0322ABL01

Quant Time: Mar 23 04:13:40 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	820780	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.160	114	2117926	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.066	117	1867603	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.397	95	1329721	9.287	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.900%

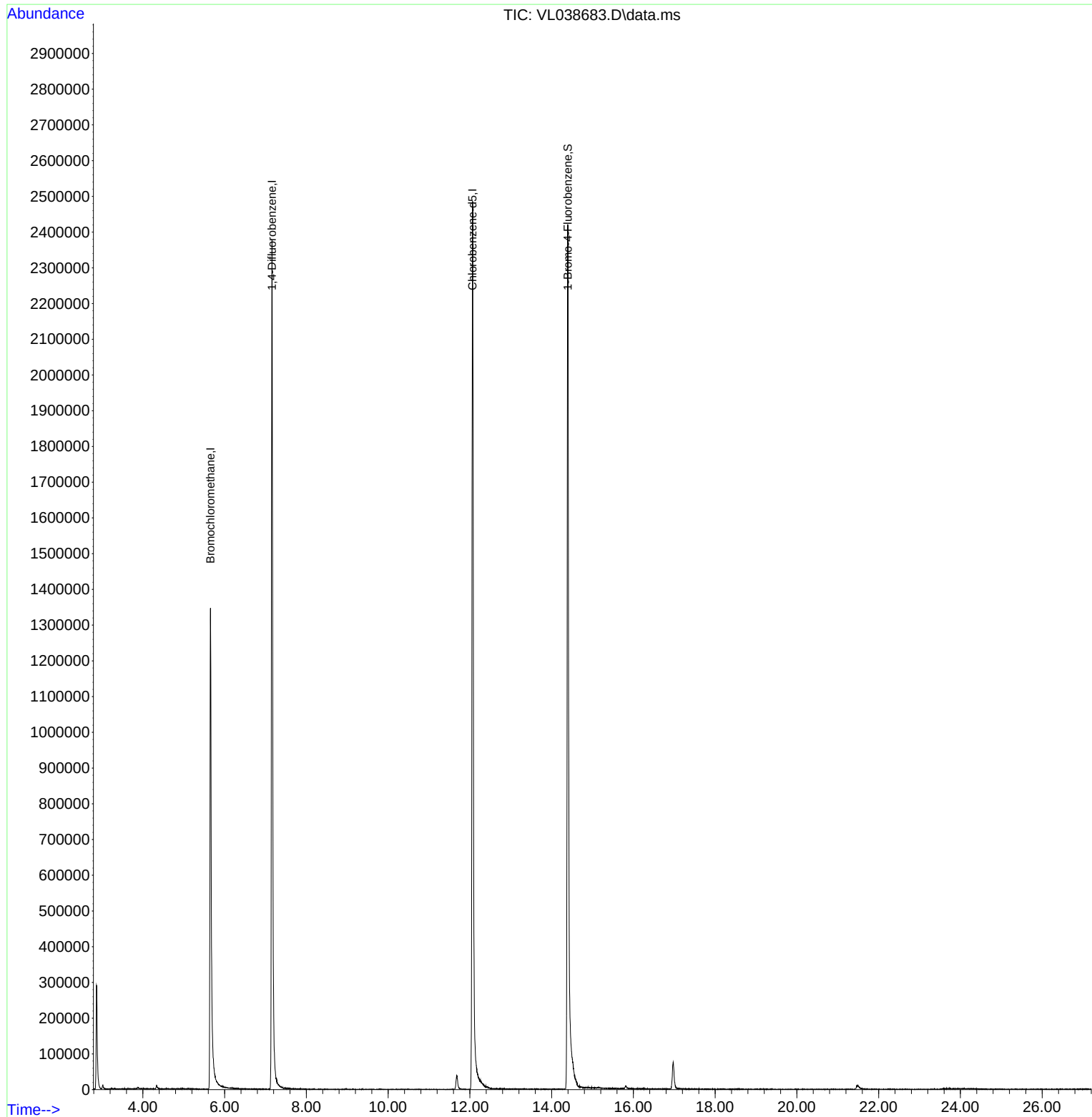
Target Compounds	Qvalue

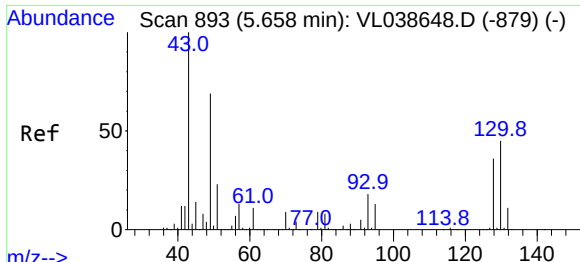
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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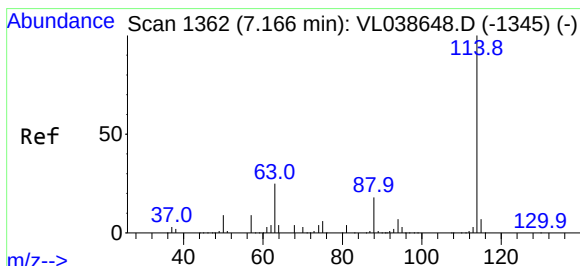
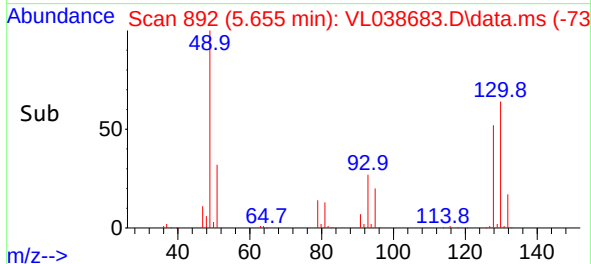
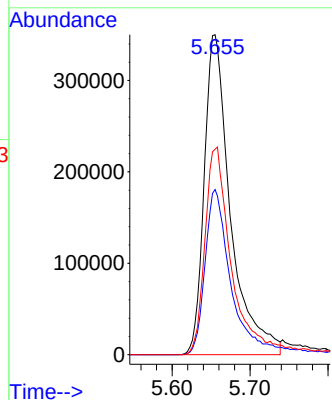
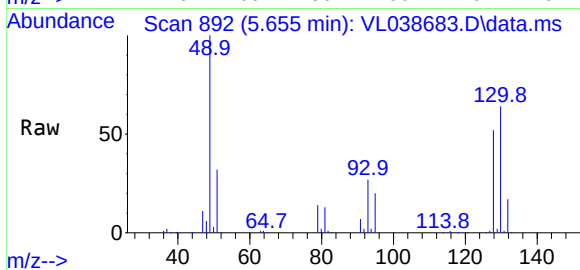




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.655 min Scan# 893
 Delta R.T. -0.003 min
 Lab File: VL038683.D
 Acq: 22 Mar 2022 14:00

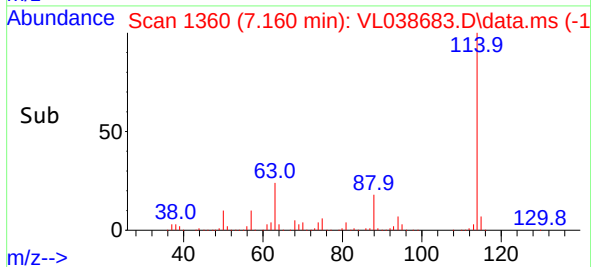
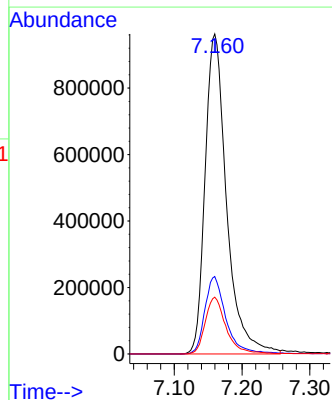
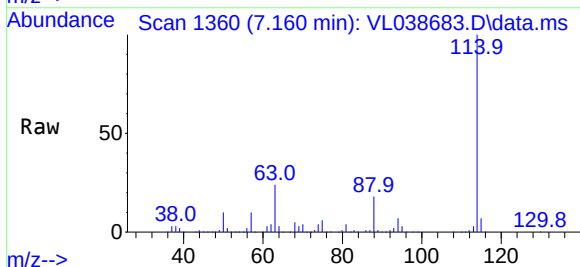
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0322ABL01

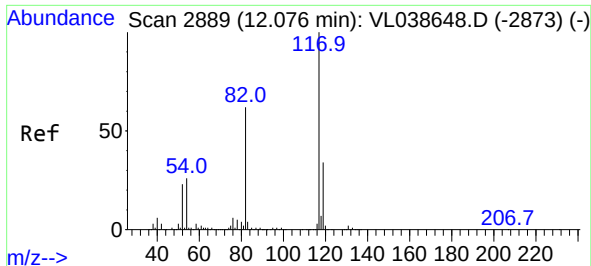
Tgt Ion: 49 Resp: 820780
 Ion Ratio Lower Upper
 49 100
 128 53.6 26.2 78.6
 130 68.7 33.7 101.1



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.160 min Scan# 1360
 Delta R.T. -0.006 min
 Lab File: VL038683.D
 Acq: 22 Mar 2022 14:00

Tgt Ion: 114 Resp: 2117926
 Ion Ratio Lower Upper
 114 100
 63 24.1 19.4 29.0
 88 17.5 13.9 20.9





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.066 min Scan# 21

Delta R.T. -0.010 min

Lab File: VL038683.D

Acq: 22 Mar 2022 14:00

Instrument :

MSVOA_L

ClientSampleId :

VL0322ABL01

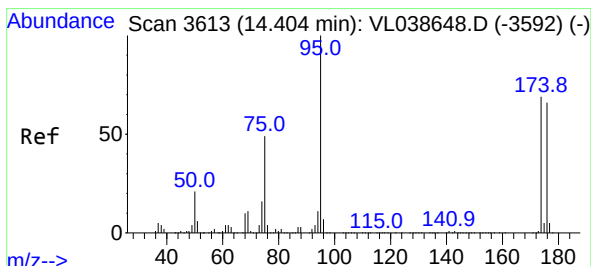
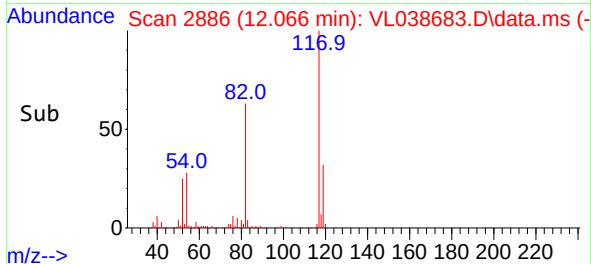
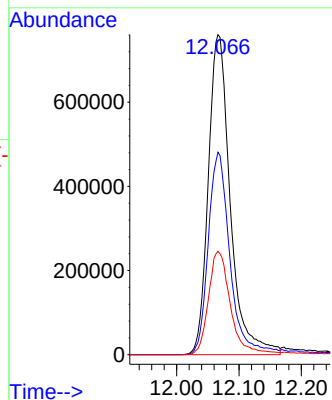
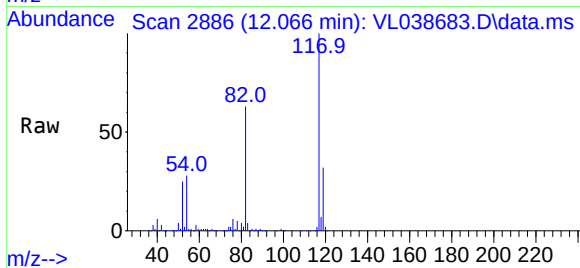
Tgt Ion:117 Resp: 1867603

Ion Ratio Lower Upper

117 100

82 64.0 51.6 77.4

119 33.3 26.9 40.3



#68

1-Bromo-4-Fluorobenzene

Concen: 9.287 ppbv

RT: 14.397 min Scan# 3611

Delta R.T. -0.006 min

Lab File: VL038683.D

Acq: 22 Mar 2022 14:00

Tgt Ion: 95 Resp: 1329721

Ion Ratio Lower Upper

95 100

174 73.3 56.1 84.1

175 5.3 4.2 6.2

