

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
 Data File : VL039085.D
 Acq On : 23 May 2022 13:17
 Operator : SY/AP
 Sample : VL0523ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0523ABL02

Quant Time: May 24 05:58:05 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 05 10:12:15 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.652	49	936482	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.157	114	2328158	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.060	117	1925417	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.391	95	1574701	10.327	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.300%

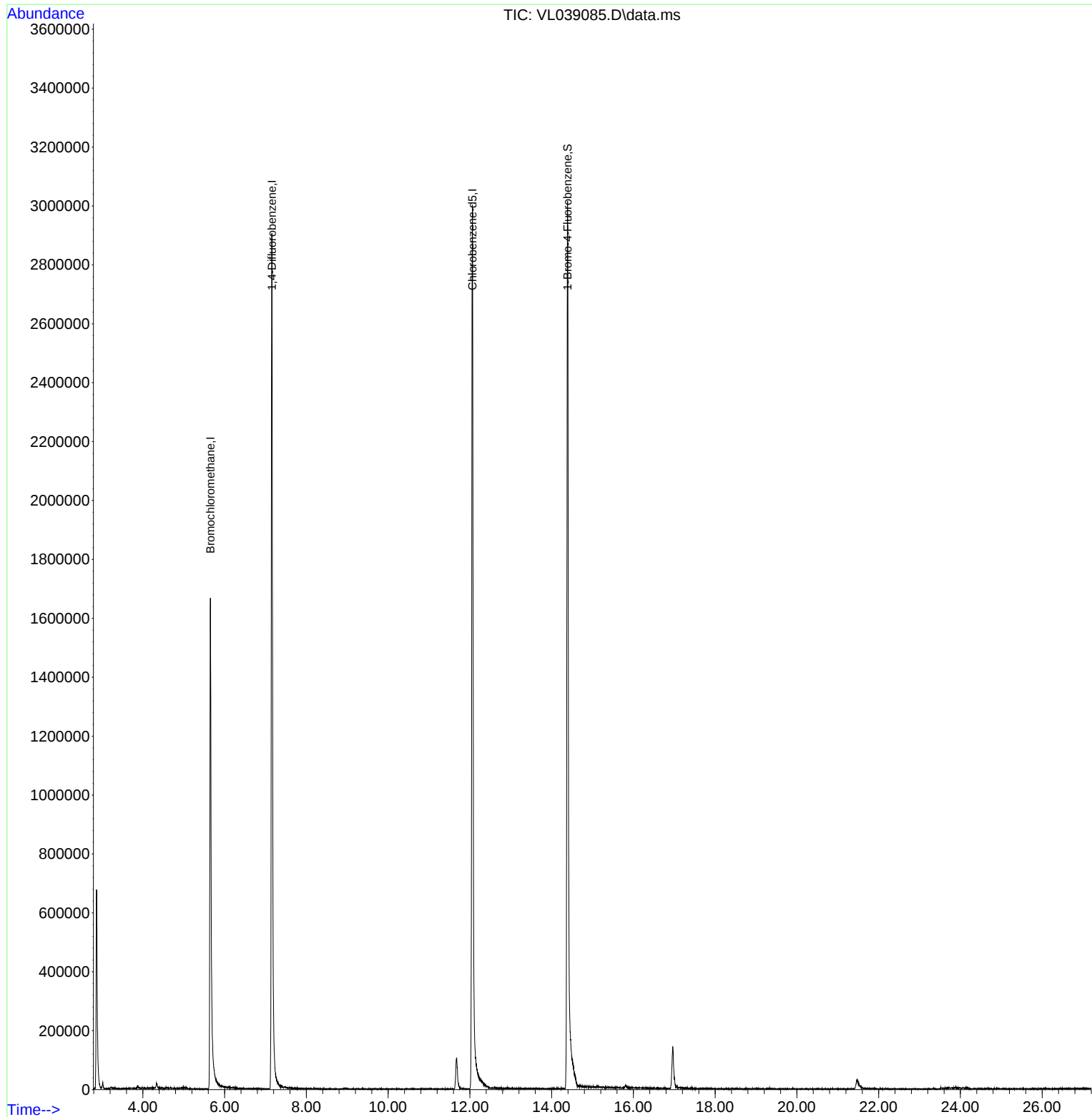
Target Compounds	Qvalue

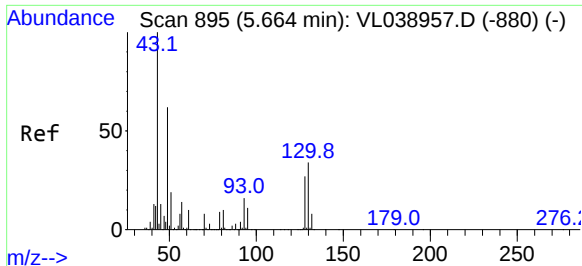
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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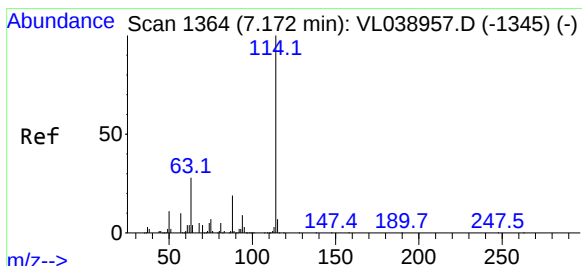
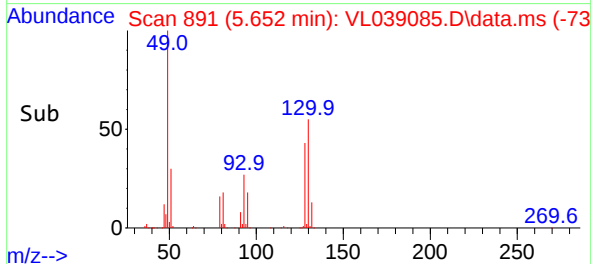
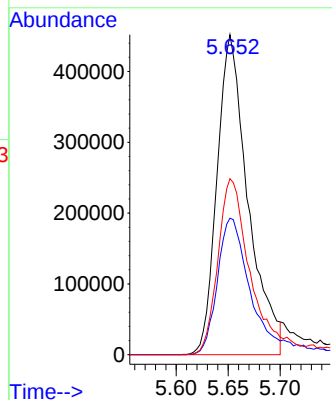
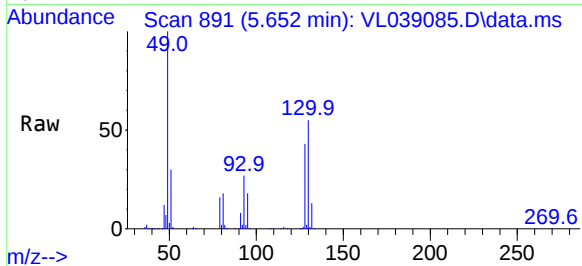




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.652 min Scan# 891
Delta R.T. -0.013 min
Lab File: VL039085.D
Acq: 23 May 2022 13:17

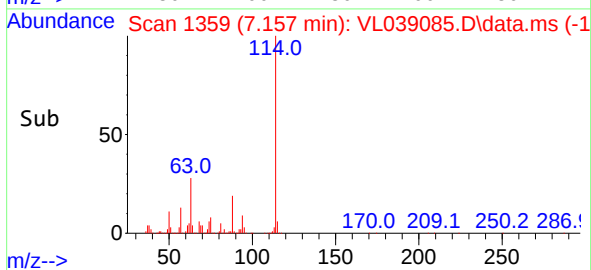
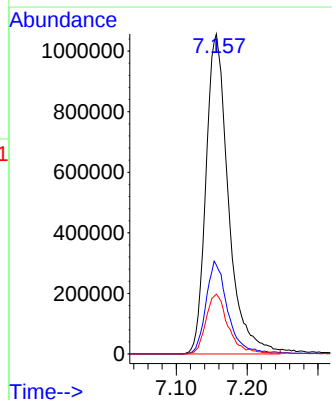
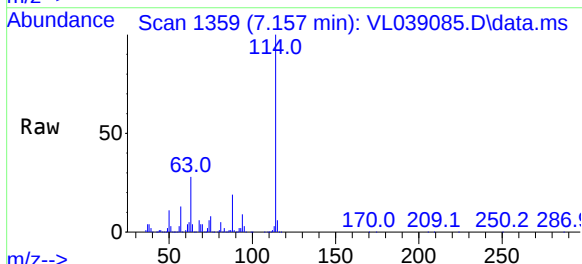
Instrument :
MSVOA_L
ClientSampleId :
VL0523ABL02

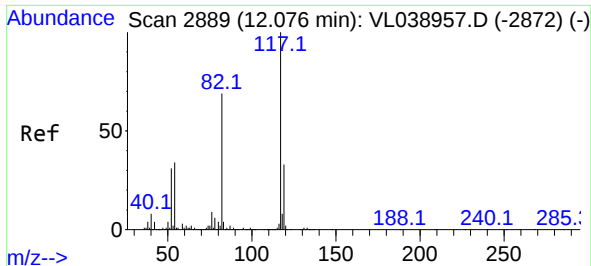
Tgt Ion: 49 Resp: 936482
Ion Ratio Lower Upper
49 100
128 49.9 23.3 69.8
130 62.1 29.8 89.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.157 min Scan# 1359
Delta R.T. -0.016 min
Lab File: VL039085.D
Acq: 23 May 2022 13:17

Tgt Ion: 114 Resp: 2328158
Ion Ratio Lower Upper
114 100
63 28.8 22.6 33.8
88 18.9 15.4 23.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.060 min Scan# 21

Delta R.T. -0.016 min

Lab File: VL039085.D

Acq: 23 May 2022 13:17

Instrument :

MSVOA_L

ClientSampleId :

VL0523ABL02

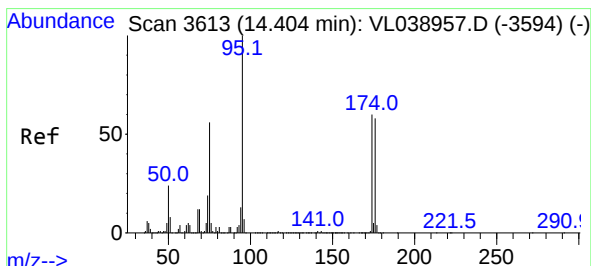
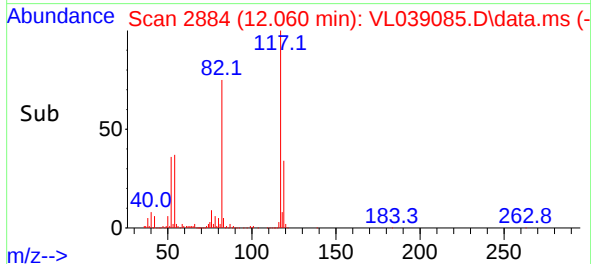
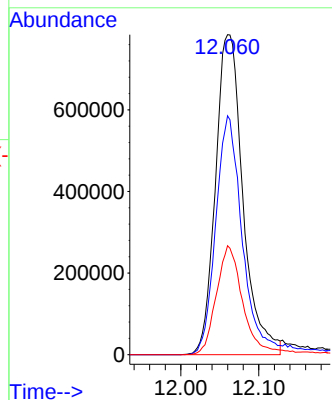
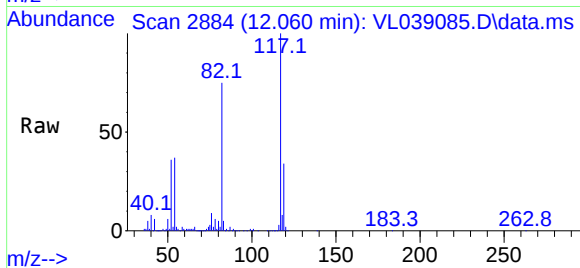
Tgt Ion:117 Resp: 1925417

Ion Ratio Lower Upper

117 100

82 76.8 57.0 85.6

119 34.1 27.2 40.8



#68

1-Bromo-4-Fluorobenzene

Concen: 10.327 ppbv

RT: 14.391 min Scan# 3609

Delta R.T. -0.013 min

Lab File: VL039085.D

Acq: 23 May 2022 13:17

Tgt Ion: 95 Resp: 1574701

Ion Ratio Lower Upper

95 100

174 64.1 50.8 76.2

175 4.8 3.8 5.6

