

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121724\
 Data File : VL041784.D
 Acq On : 17 Dec 2024 17:50
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Dec 21 01:24:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	50666	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	125947	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	106522	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.380	95	89218	10.051	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.500%

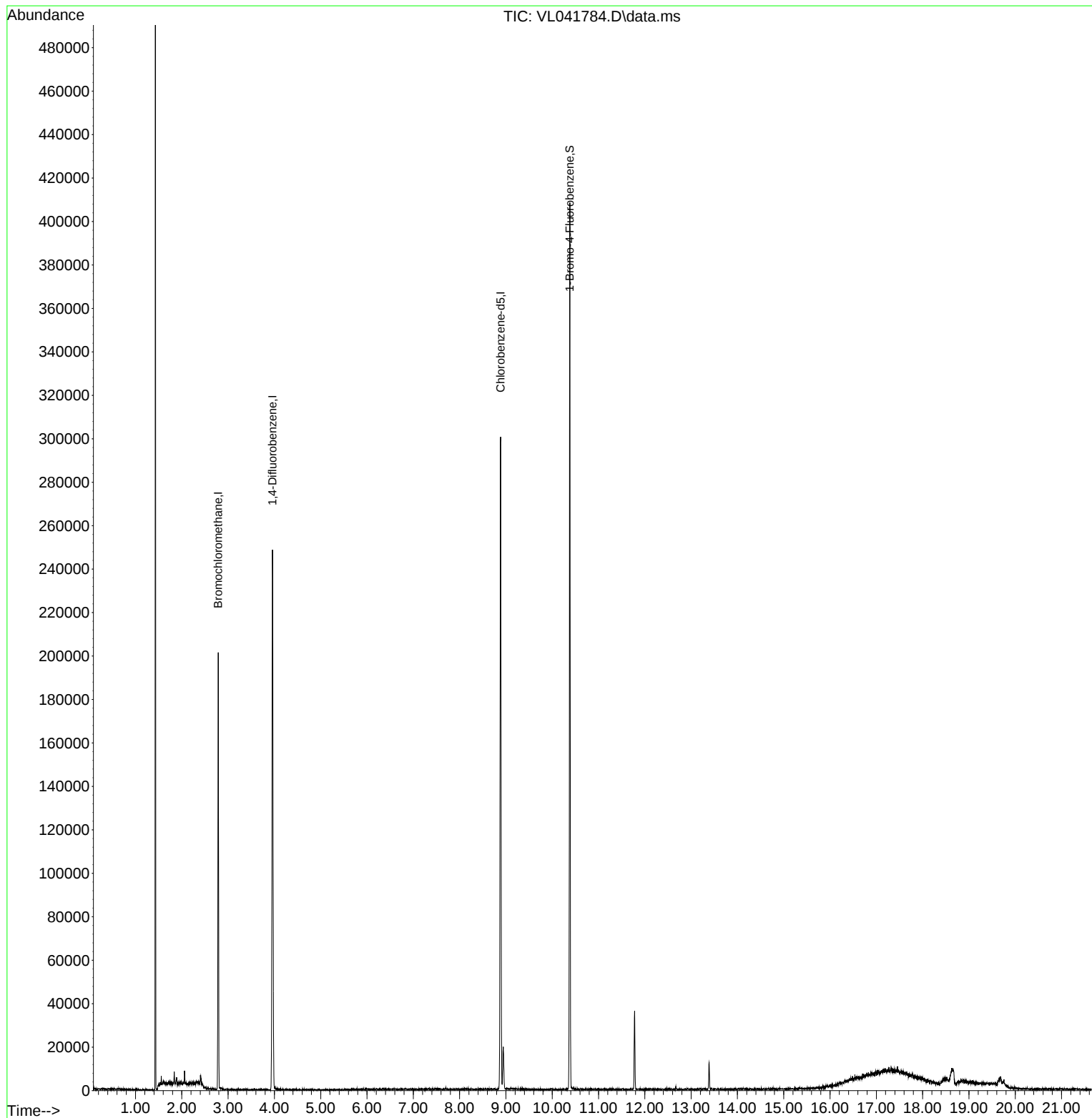
Target Compounds	Qvalue

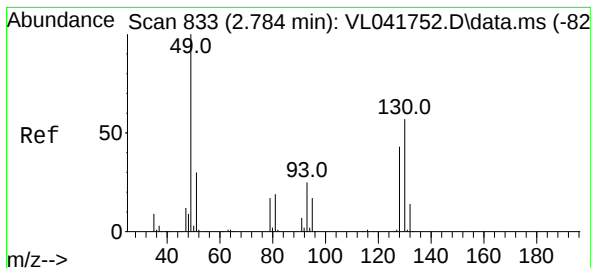
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 2.787 min Scan# 833

Delta R.T. 0.003 min

Lab File: VL041784.D

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Instrument :

MSVOA_L

ClientSampleId :

VIBLK

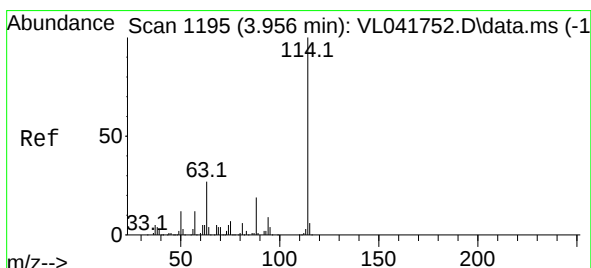
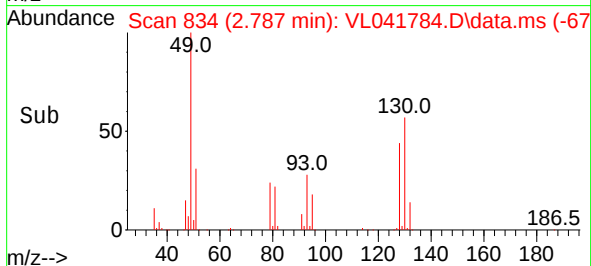
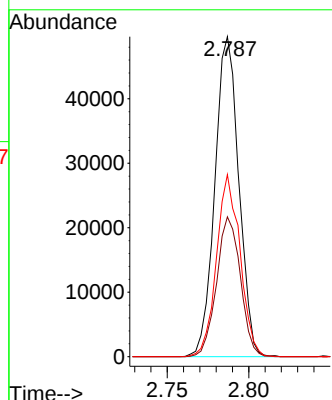
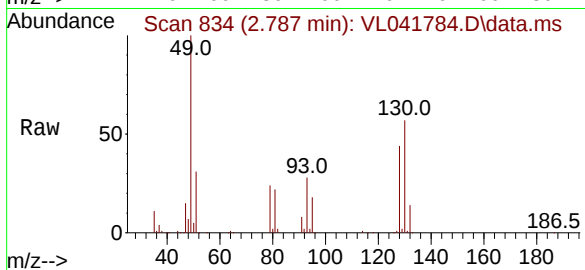
Tgt Ion: 49 Resp: 50666

Ion Ratio Lower Upper

49 100

128 43.4 21.6 64.6

130 55.8 28.3 85.0



#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 3.959 min Scan# 1196

Delta R.T. 0.003 min

Lab File: VL041784.D

Acq: 17 Dec 2024 17:50

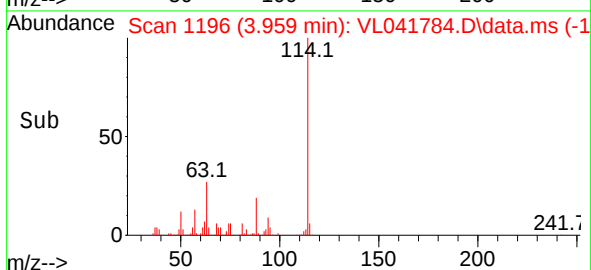
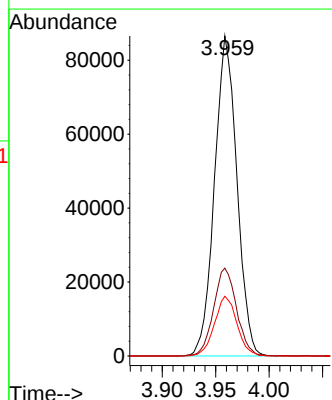
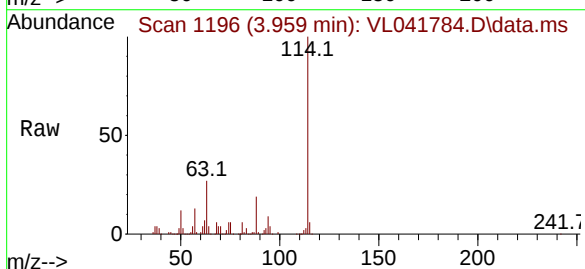
Tgt Ion:114 Resp: 125947

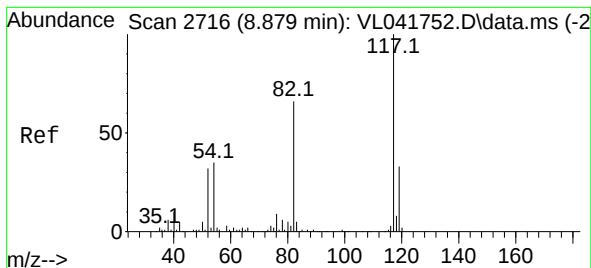
Ion Ratio Lower Upper

114 100

63 28.3 21.8 32.8

88 18.7 14.8 22.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.885 min Scan# 21

Delta R.T. 0.006 min

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MSVOA_L

ClientSampleId :

VIBLK

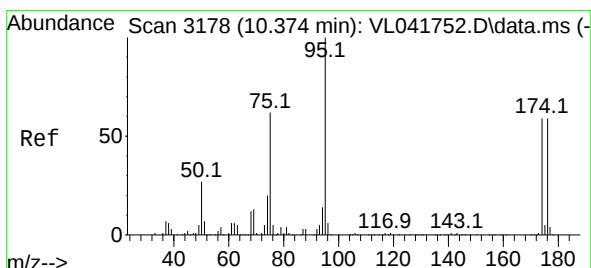
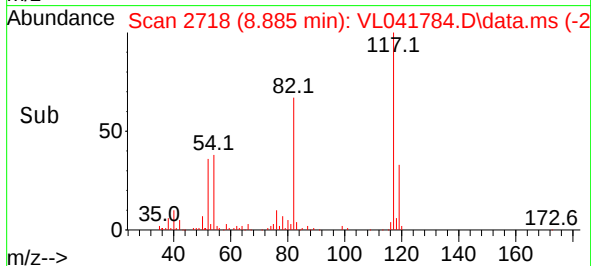
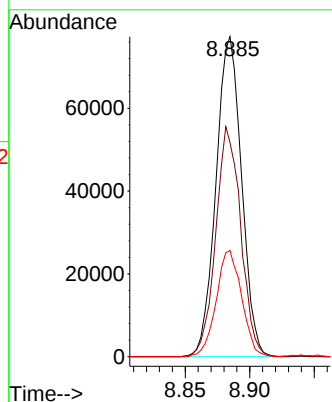
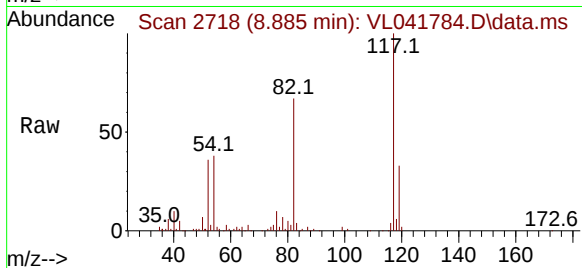
Tgt Ion:117 Resp: 106522

Ion Ratio Lower Upper

117 100

82 70.2 53.8 80.8

119 33.0 26.7 40.1



#68

1-Bromo-4-Fluorobenzene

Concen: 10.051 ppbv

RT: 10.380 min Scan# 3180

Delta R.T. 0.006 min

Lab File: VL041784.D

Acq: 17 Dec 2024 17:50

Tgt Ion: 95 Resp: 89218

Ion Ratio Lower Upper

95 100

174 57.2 47.6 71.4

175 4.4 3.7 5.5

