

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010725\
 Data File : VL041856.D
 Acq On : 07 Jan 2025 22:01
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jan 08 04:00:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL010725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jan 08 03:26:12 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	101837	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.975	114	223388	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	183050	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	147548	9.411	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.100%

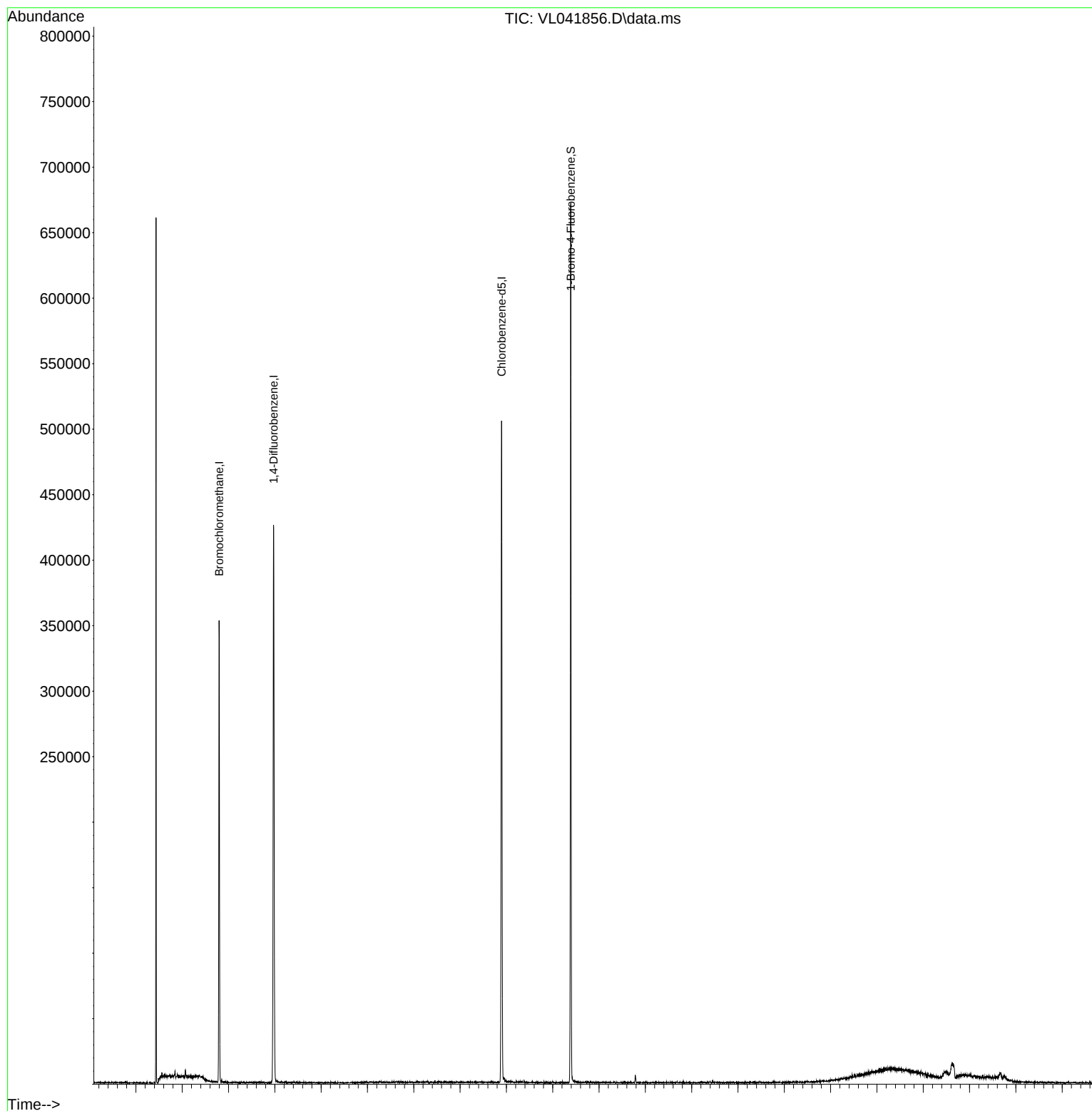
Target Compounds	Qvalue

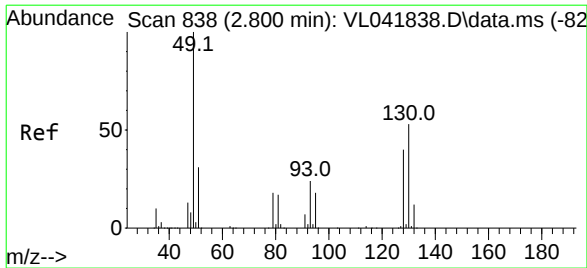
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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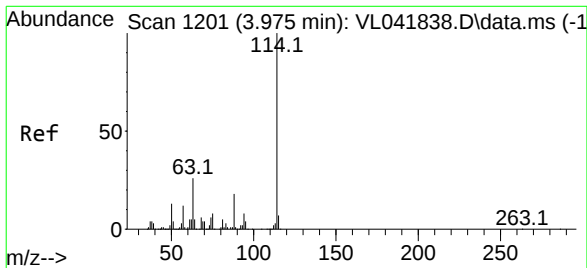
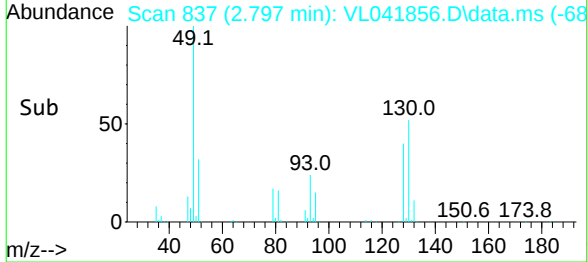
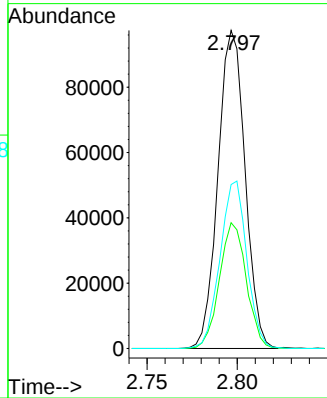
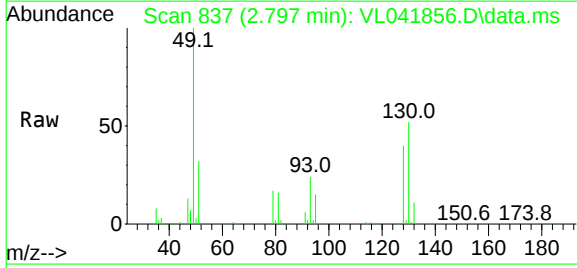




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.797 min Scan# 838
 Delta R.T. -0.003 min
 Lab File: VL041856.D
 Acq: 07 Jan 2025 22:01

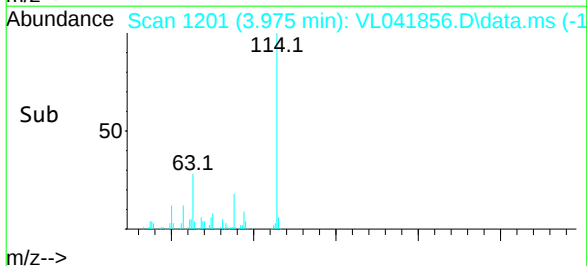
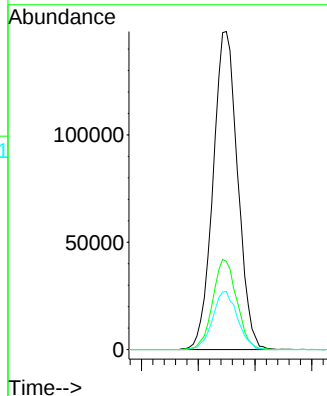
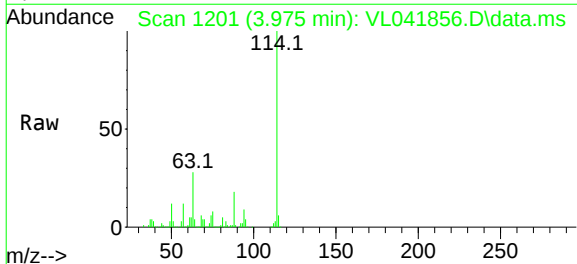
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

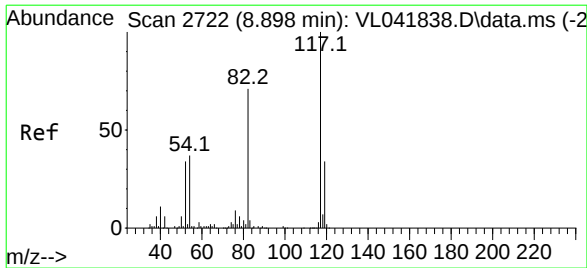
Tgt Ion: 49 Resp: 101837
 Ion Ratio Lower Upper
 49 100
 128 39.2 19.7 59.1
 130 52.1 26.4 79.2



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.975 min Scan# 1201
 Delta R.T. -0.000 min
 Lab File: VL041856.D
 Acq: 07 Jan 2025 22:01

Tgt Ion: 114 Resp: 223388
 Ion Ratio Lower Upper
 114 100
 63 27.7 22.3 33.5
 88 18.4 14.9 22.3





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.894 min Scan# 2722

Delta R.T. -0.003 min

Lab File: VL041856.D

Acq: 07 Jan 2025 22:01

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

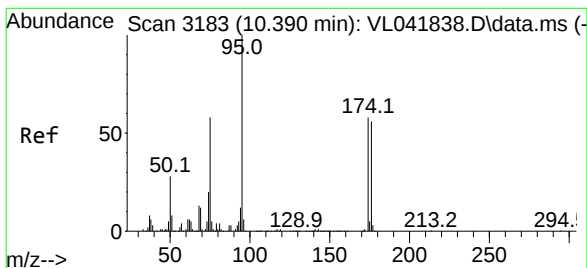
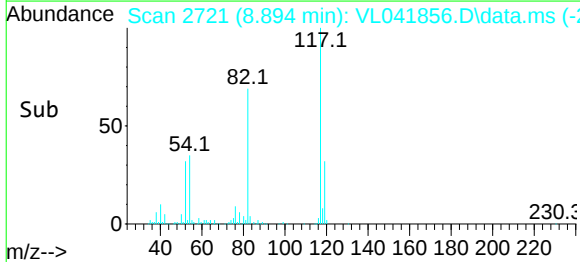
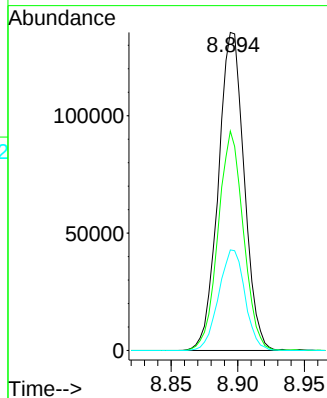
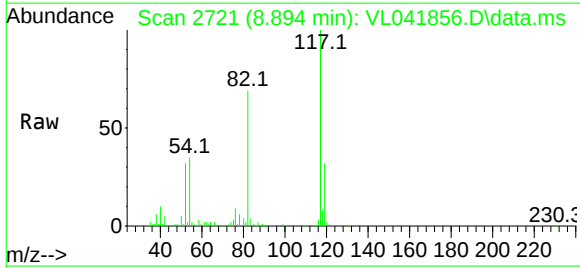
Tgt Ion: 117 Resp: 183050

Ion Ratio Lower Upper

117 100

82 67.5 59.1 88.7

119 32.1 27.3 40.9



#68

1-Bromo-4-Fluorobenzene

Concen: 9.411 ppbv

RT: 10.390 min Scan# 3183

Delta R.T. -0.000 min

Lab File: VL041856.D

Acq: 07 Jan 2025 22:01

Tgt Ion: 95 Resp: 147548

Ion Ratio Lower Upper

95 100

174 58.7 47.6 71.4

175 4.6 3.8 5.6

