

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030525\
 Data File : VL042096.D
 Acq On : 05 Mar 2025 10:05
 Operator : SY/MD
 Sample : VL0305ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0305ABL01

Quant Time: Mar 06 01:03:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 26 01:08:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.797	49	157535	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	359252	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.898	117	301482	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	219602	9.468	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.700%

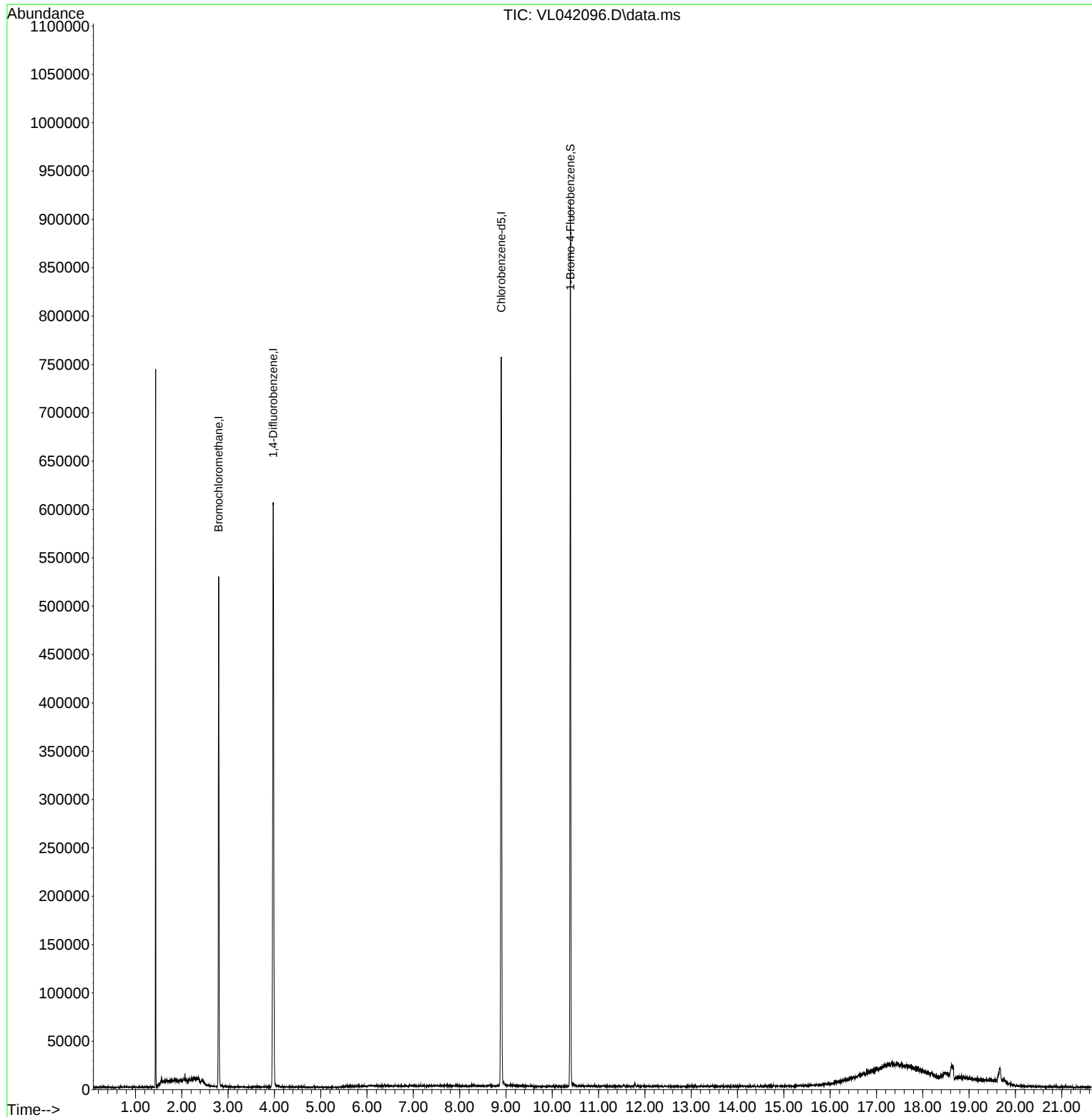
Target Compounds	Qvalue

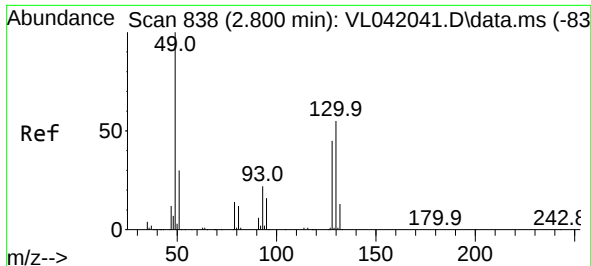
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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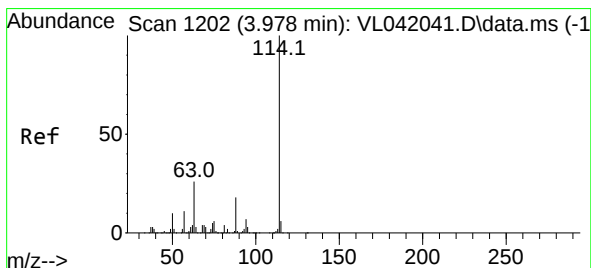
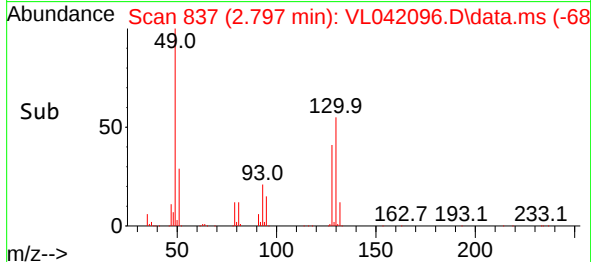
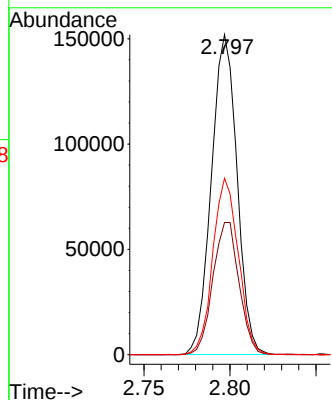
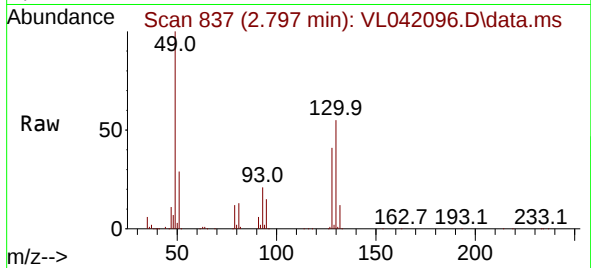




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.797 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL042096.D
Acq: 05 Mar 2025 10:05

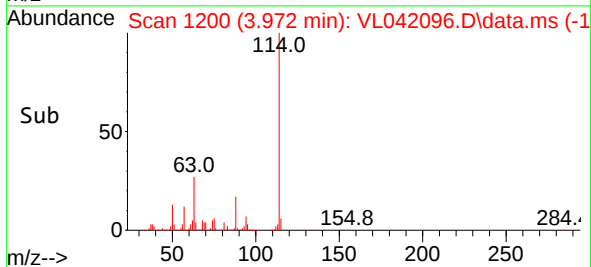
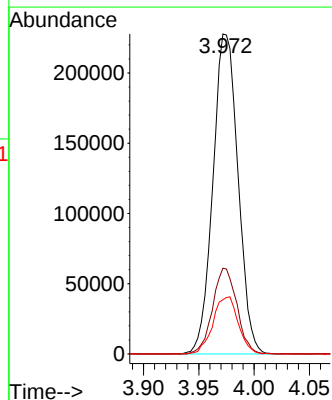
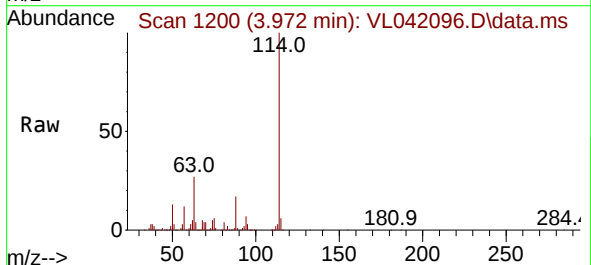
Instrument :
MSVOA_L
ClientSampleId :
VL0305ABL01

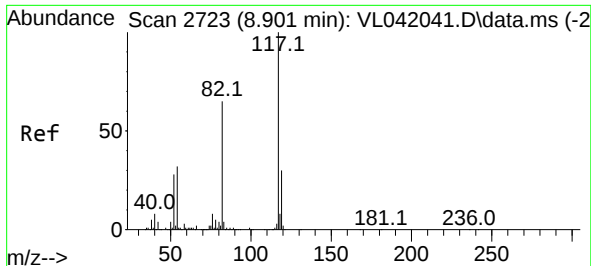
Tgt Ion: 49 Resp: 157535
Ion Ratio Lower Upper
49 100
128 42.3 21.6 64.8
130 55.0 27.8 83.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.972 min Scan# 1200
Delta R.T. -0.006 min
Lab File: VL042096.D
Acq: 05 Mar 2025 10:05

Tgt Ion: 114 Resp: 359252
Ion Ratio Lower Upper
114 100
63 26.0 20.1 30.1
88 18.0 14.3 21.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.898 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL042096.D

Acq: 05 Mar 2025 10:05

Instrument :

MSVOA_L

ClientSampleId :

VL0305ABL01

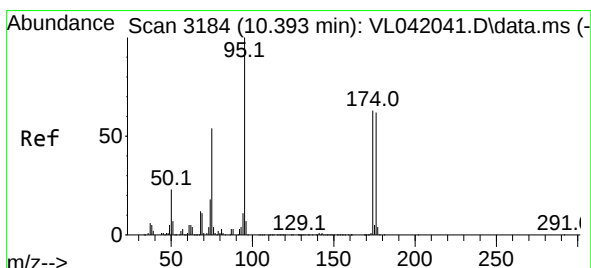
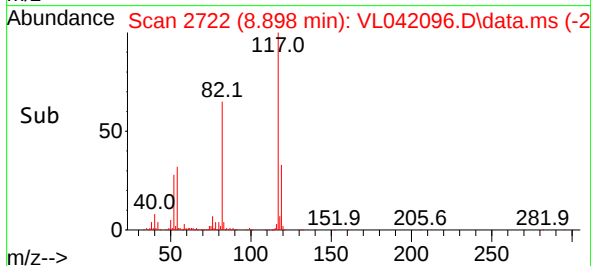
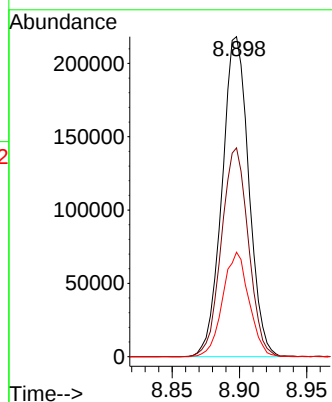
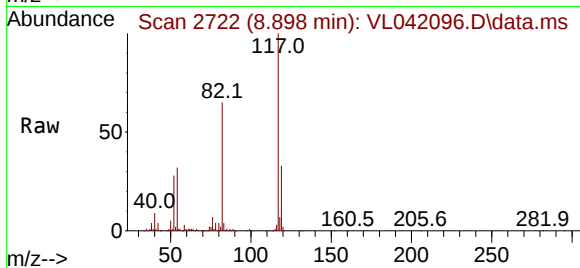
Tgt Ion:117 Resp: 301482

Ion Ratio Lower Upper

117 100

82 66.0 55.0 82.6

119 32.1 25.9 38.9



#68

1-Bromo-4-Fluorobenzene

Concen: 9.468 ppbv

RT: 10.390 min Scan# 3183

Delta R.T. -0.003 min

Lab File: VL042096.D

Acq: 05 Mar 2025 10:05

Tgt Ion: 95 Resp: 219602

Ion Ratio Lower Upper

95 100

174 63.0 51.8 77.6

175 4.4 3.9 5.9

