

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032725\
 Data File : VL042180.D
 Acq On : 27 Mar 2025 13:50
 Operator : SY/MD
 Sample : VL0327ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0327ABL01

Quant Time: Mar 28 02:12:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Mar 28 02:00:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	170921	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	483563	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	446480	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	364194	9.933	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%

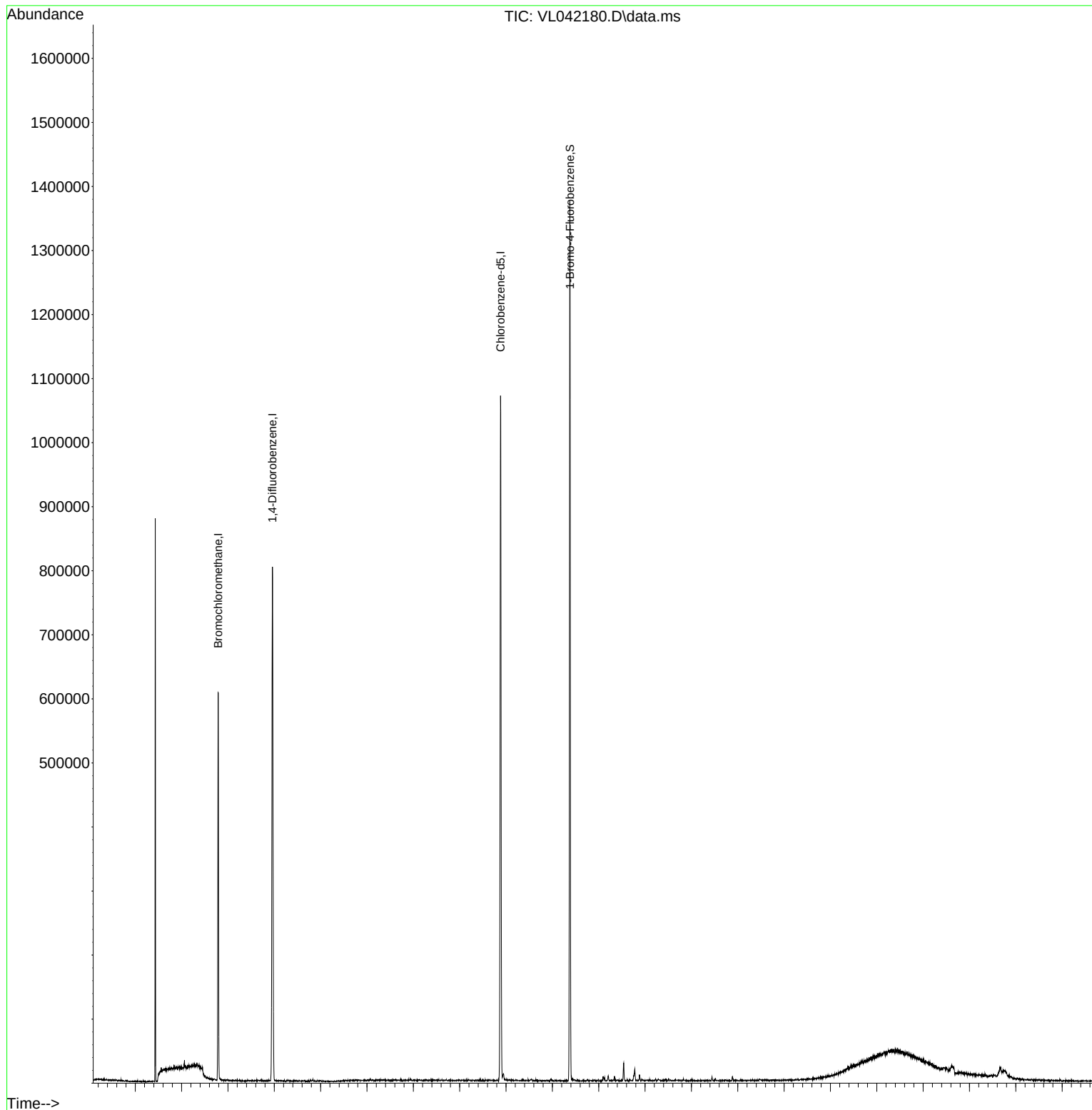
Target Compounds	Qvalue

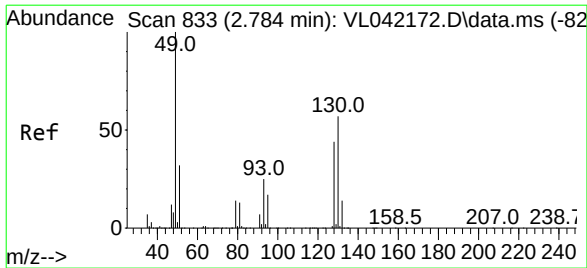
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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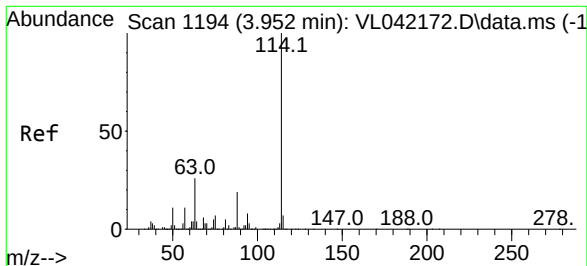
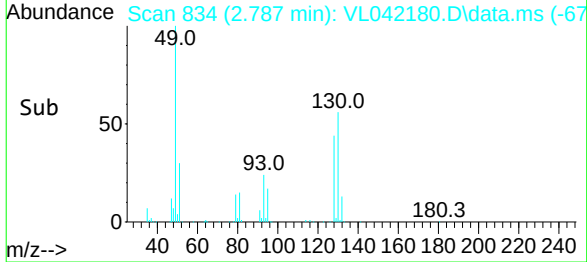
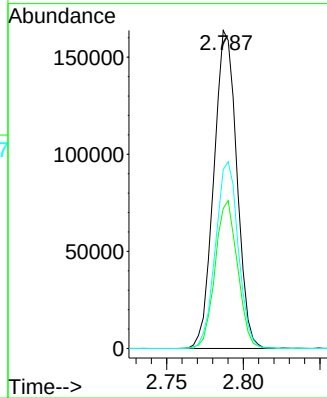
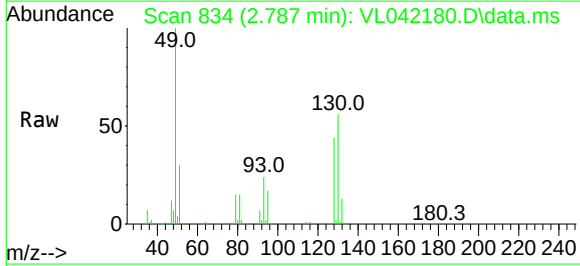




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 83
Delta R.T. 0.003 min
Lab File: VL042180.D
Acq: 27 Mar 2025 13:50

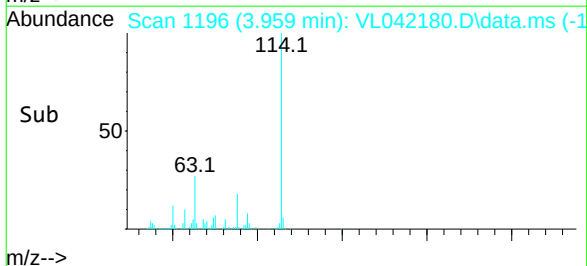
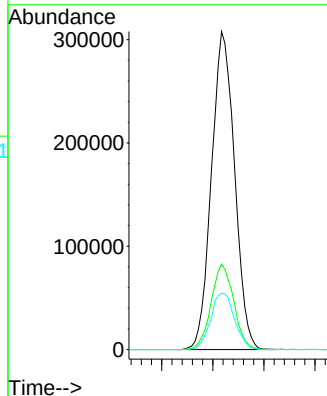
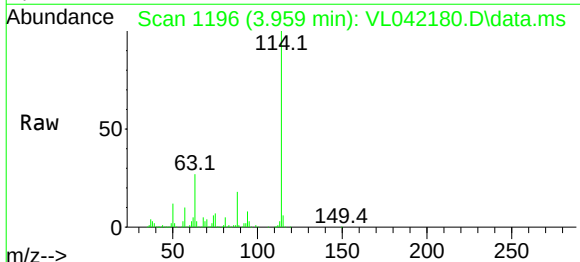
Instrument :
MSVOA_L
ClientSampleId :
VL0327ABL01

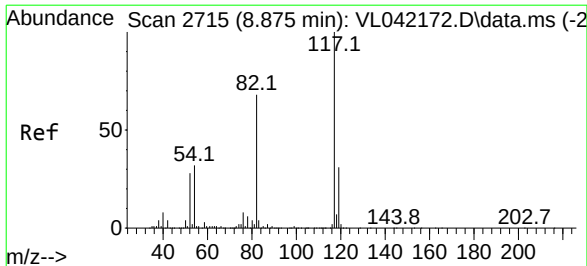
Tgt Ion: 49 Resp: 170921
Ion Ratio Lower Upper
49 100
128 45.3 22.9 68.5
130 58.1 28.8 86.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. 0.006 min
Lab File: VL042180.D
Acq: 27 Mar 2025 13:50

Tgt Ion: 114 Resp: 483563
Ion Ratio Lower Upper
114 100
63 26.3 20.7 31.1
88 18.4 15.0 22.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.881 min Scan# 2715

Delta R.T. 0.006 min

Lab File: VL042180.D

Acq: 27 Mar 2025 13:50

Instrument :

MSVOA_L

ClientSampleId :

VL0327ABL01

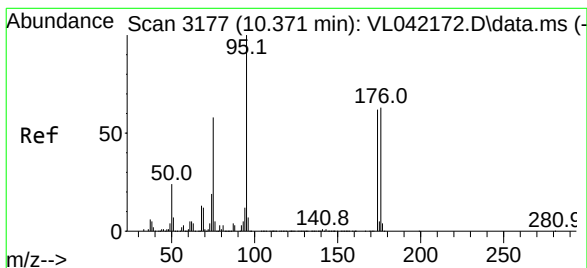
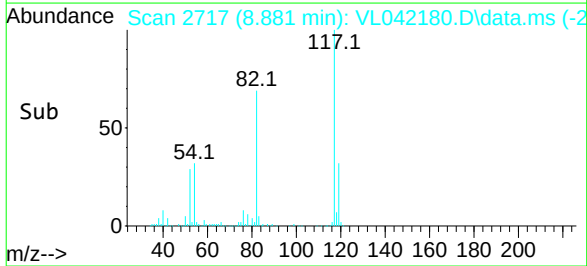
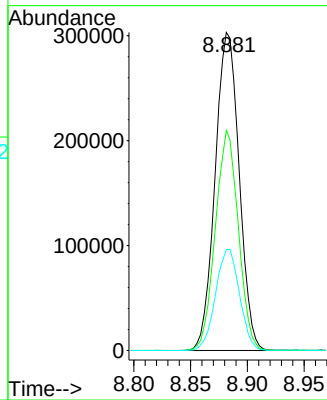
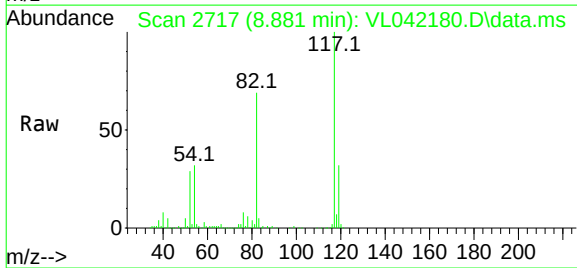
Tgt Ion:117 Resp: 446480

Ion Ratio Lower Upper

117 100

82 66.3 55.8 83.6

119 31.9 25.5 38.3



#68

1-Bromo-4-Fluorobenzene

Concen: 9.933 ppbv

RT: 10.377 min Scan# 3179

Delta R.T. 0.006 min

Lab File: VL042180.D

Acq: 27 Mar 2025 13:50

Tgt Ion: 95 Resp: 364194

Ion Ratio Lower Upper

95 100

174 61.6 50.6 76.0

175 4.6 3.8 5.6

