

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072425\
 Data File : VL042758.D
 Acq On : 24 Jul 2025 10:12
 Operator : SY/MD
 Sample : VL0724ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0724ABL01

Quant Time: Jul 25 01:23:38 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Jul 24 05:24:41 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.784	49	147578	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	413602	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.875	117	364492	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	290722	10.072	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.700%

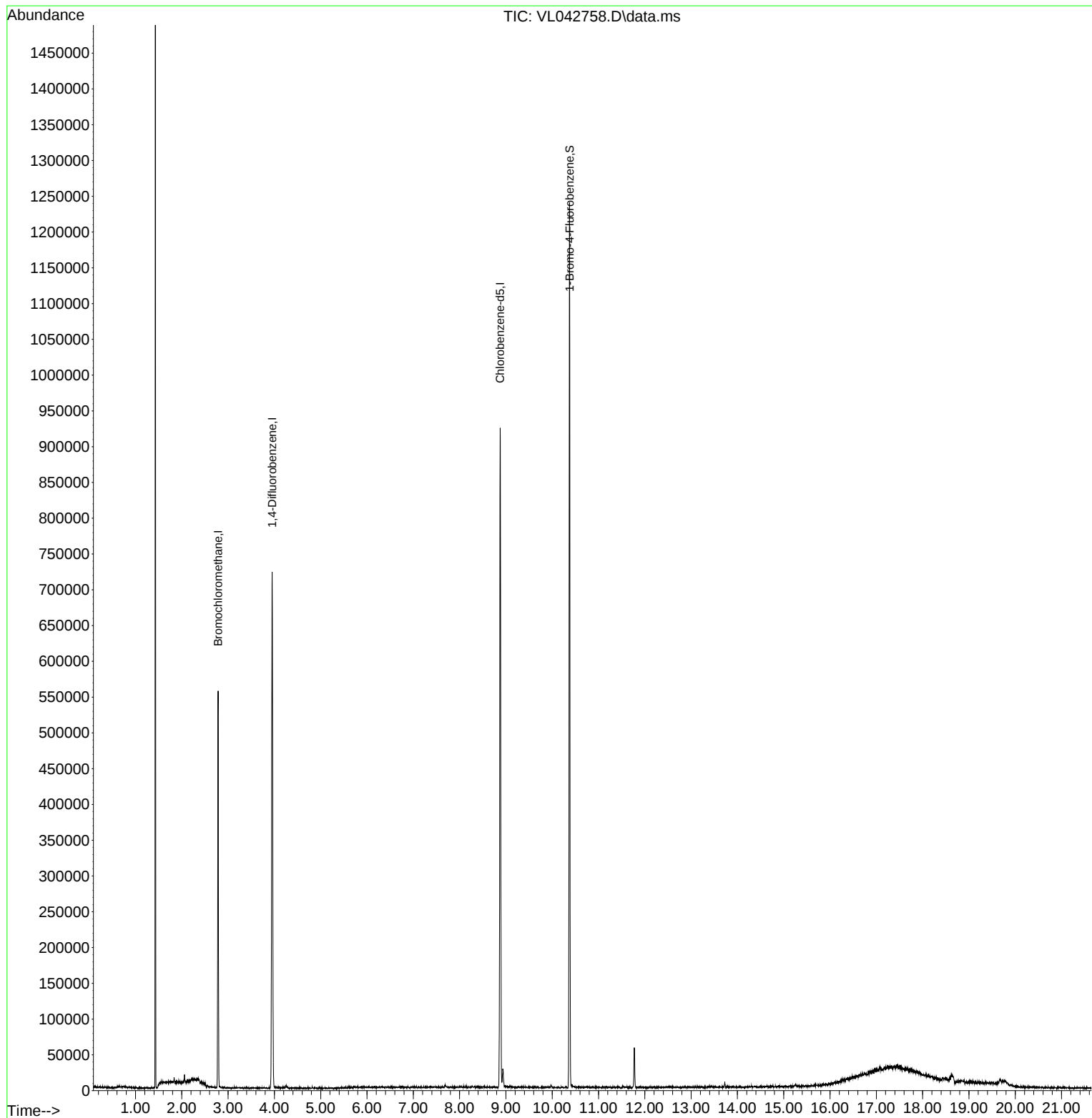
Target Compounds	Qvalue

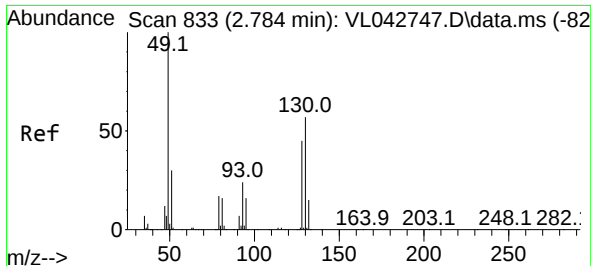
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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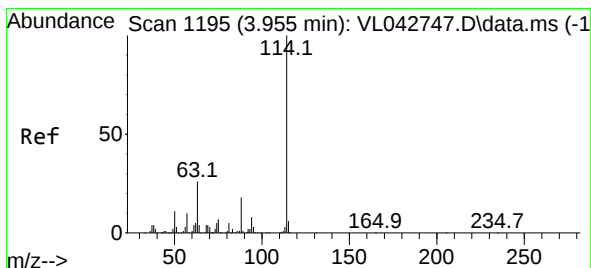
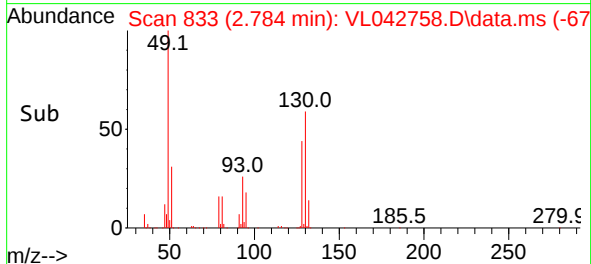
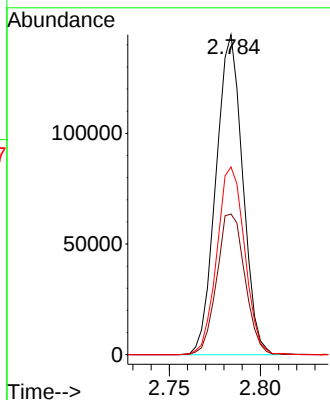
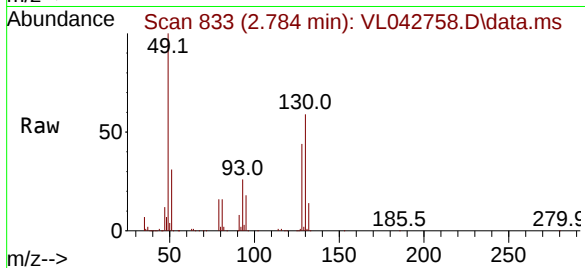




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.784 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL042758.D
Acq: 24 Jul 2025 10:12

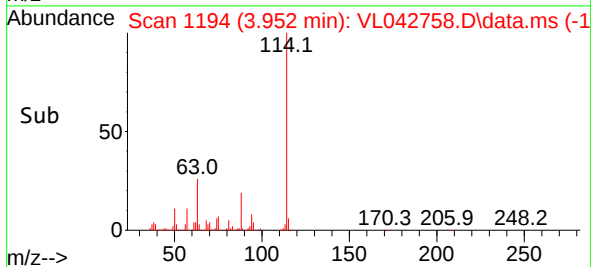
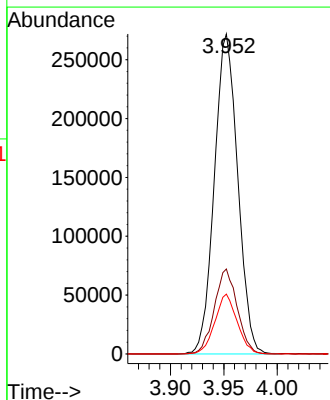
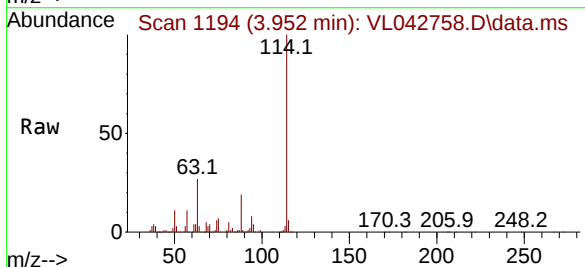
Instrument :
MSVOA_L
ClientSampleId :
VL0724ABL01

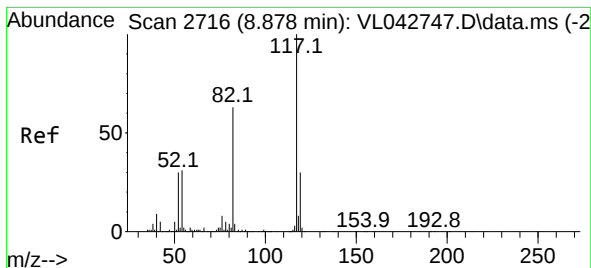
Tgt Ion: 49 Resp: 147578
Ion Ratio Lower Upper
49 100
128 46.3 23.6 71.0
130 61.0 30.3 90.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.952 min Scan# 1194
Delta R.T. -0.003 min
Lab File: VL042758.D
Acq: 24 Jul 2025 10:12

Tgt Ion: 114 Resp: 413602
Ion Ratio Lower Upper
114 100
63 26.1 20.5 30.7
88 17.9 14.0 21.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.875 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL042758.D

Acq: 24 Jul 2025 10:12

Instrument :

MSVOA_L

ClientSampleId :

VL0724ABL01

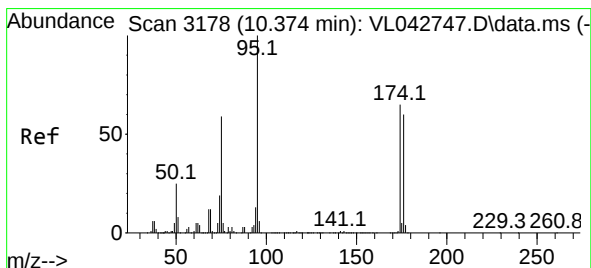
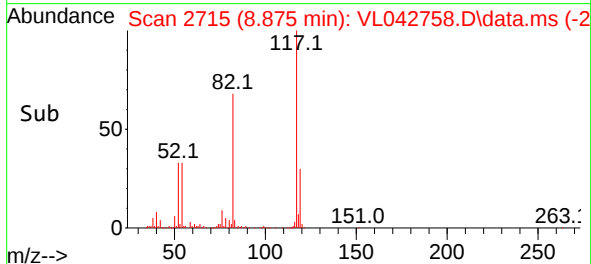
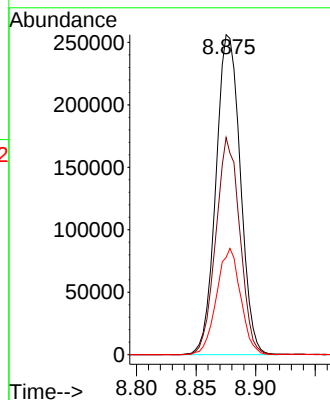
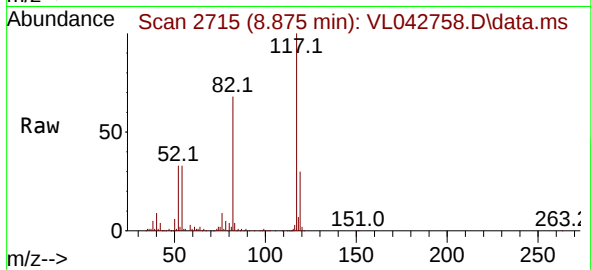
Tgt Ion:117 Resp: 364492

Ion Ratio Lower Upper

117 100

82 66.8 53.3 79.9

119 32.8 25.8 38.6



#68

1-Bromo-4-Fluorobenzene

Concen: 10.072 ppbv

RT: 10.374 min Scan# 3178

Delta R.T. 0.000 min

Lab File: VL042758.D

Acq: 24 Jul 2025 10:12

Tgt Ion: 95 Resp: 290722

Ion Ratio Lower Upper

95 100

174 64.9 53.8 80.6

175 4.8 4.0 6.0

