

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031425\
 Data File : VL042147.D
 Acq On : 14 Mar 2025 15:56
 Operator : SY/MD
 Sample : QC031225 CAN 10300
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC031225 CAN 10300

Quant Time: Mar 15 06:24:21 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	2.787	49	162321	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.959	114	367986	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.882	117	305276	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.377	95	238048	10.136	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.400%

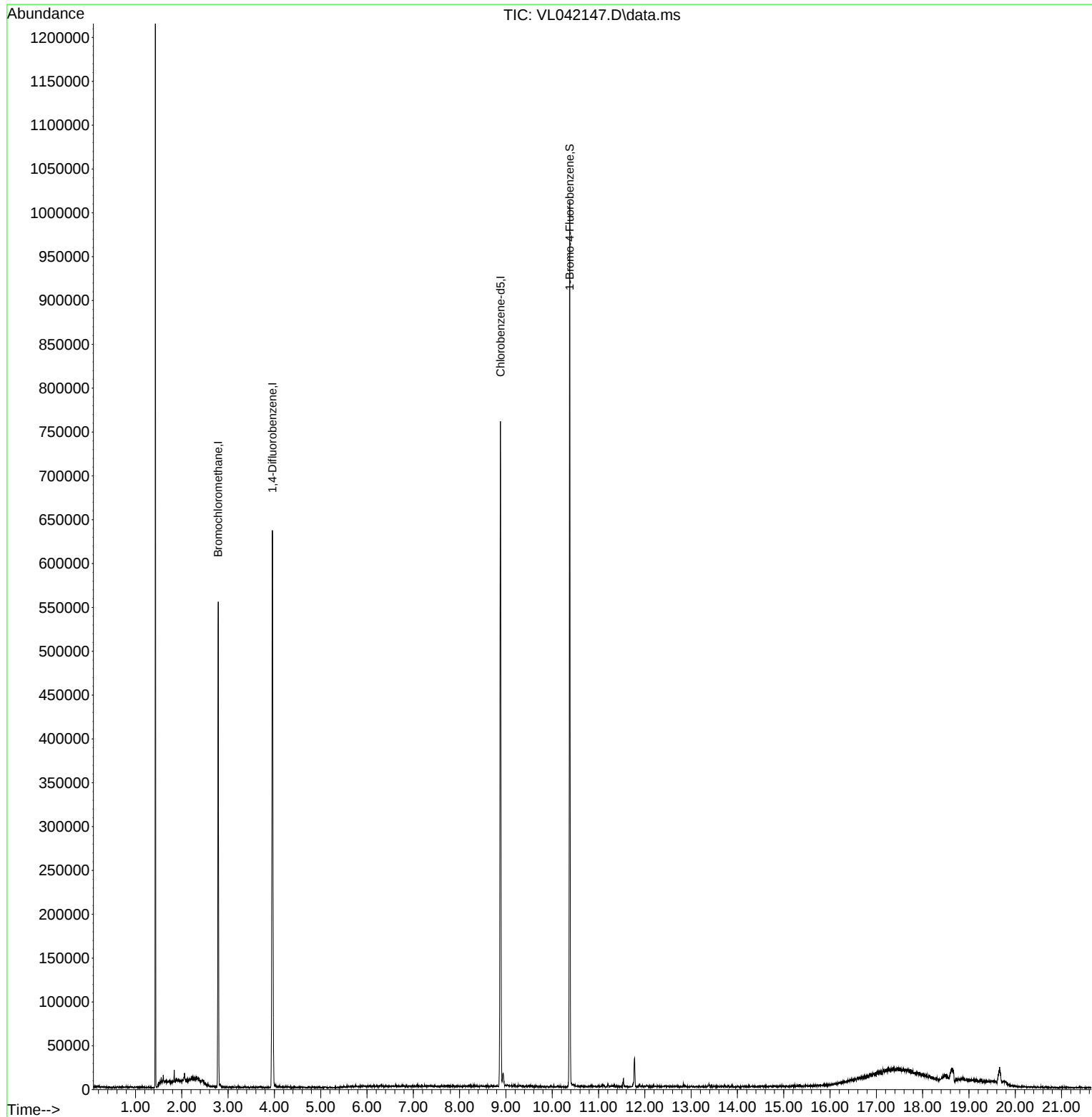
Target Compounds	Qvalue

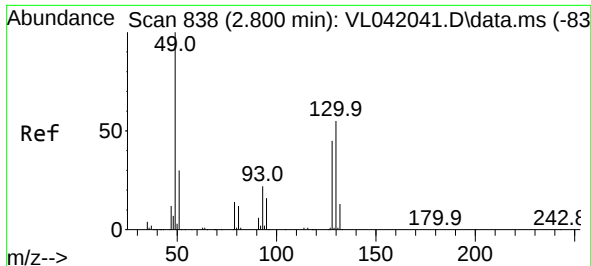
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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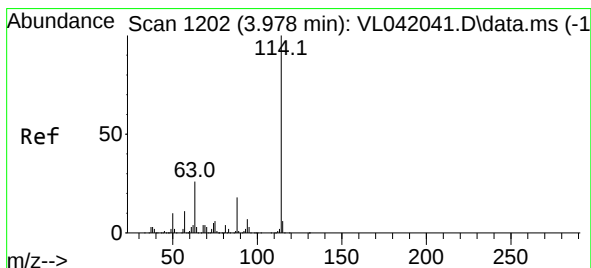
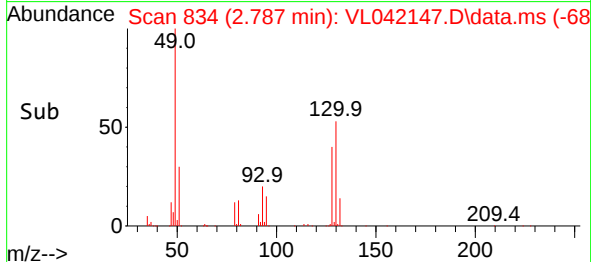
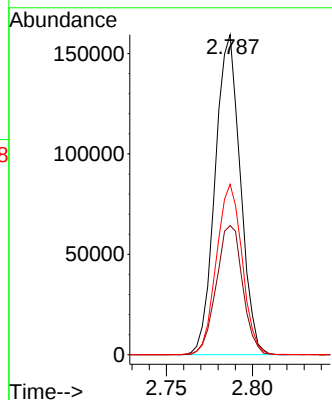
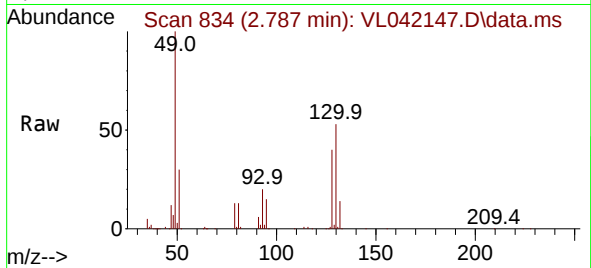




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL042147.D
Acq: 14 Mar 2025 15:56

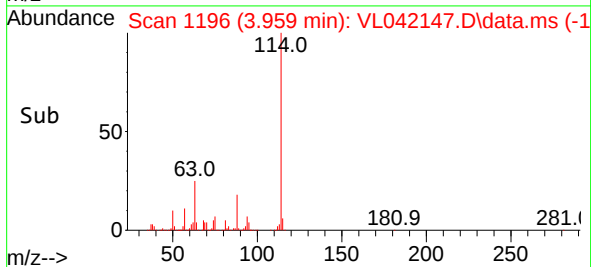
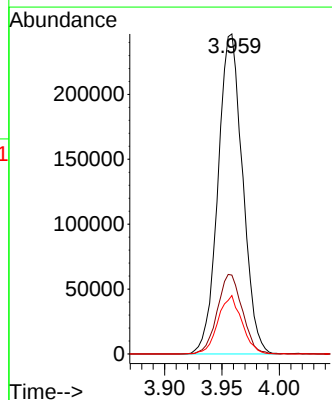
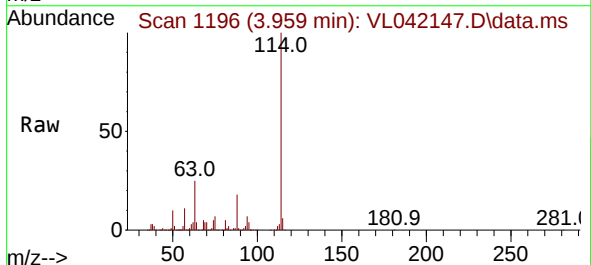
Instrument :
MSVOA_L
ClientSampleId :
QC031225 CAN 10300

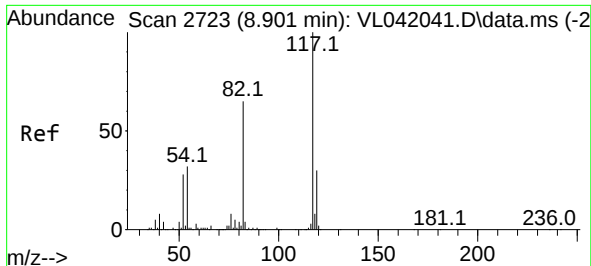
Tgt Ion: 49 Resp: 162321
Ion Ratio Lower Upper
49 100
128 42.2 21.6 64.8
130 54.3 27.8 83.4



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. -0.020 min
Lab File: VL042147.D
Acq: 14 Mar 2025 15:56

Tgt Ion:114 Resp: 367986
Ion Ratio Lower Upper
114 100
63 25.3 20.1 30.1
88 17.7 14.3 21.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.882 min Scan# 21

Delta R.T. -0.020 min

Lab File: VL042147.D

Acq: 14 Mar 2025 15:56

Instrument :

MSVOA_L

ClientSampleId :

QC031225 CAN 10300

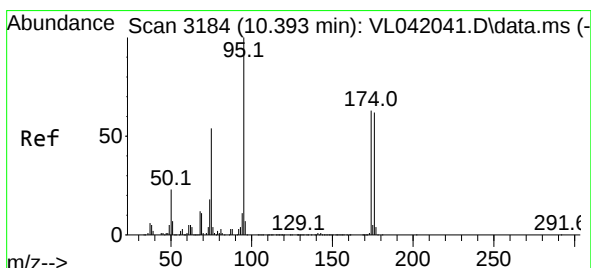
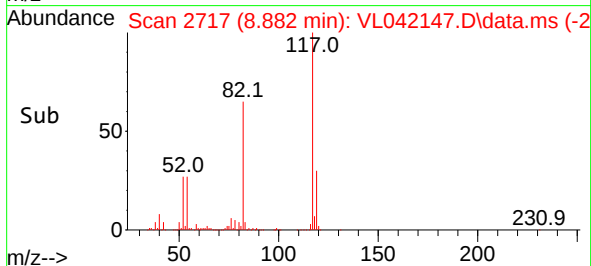
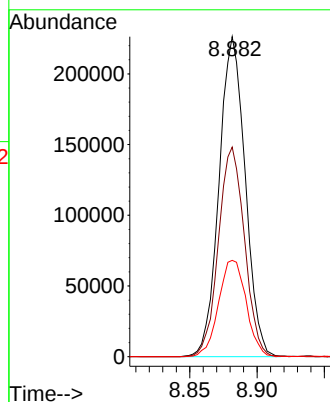
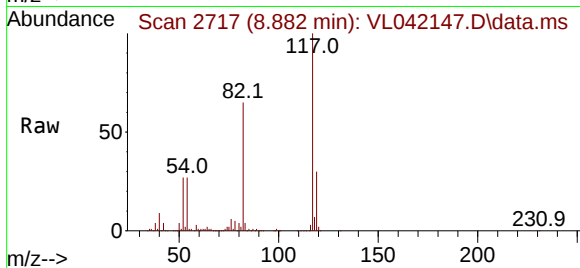
Tgt Ion:117 Resp: 305276

Ion Ratio Lower Upper

117 100

82 65.3 55.0 82.6

119 31.9 25.9 38.9



#68

1-Bromo-4-Fluorobenzene

Concen: 10.136 ppbv

RT: 10.377 min Scan# 3179

Delta R.T. -0.016 min

Lab File: VL042147.D

Acq: 14 Mar 2025 15:56

Tgt Ion: 95 Resp: 238048

Ion Ratio Lower Upper

95 100

174 64.0 51.8 77.6

175 4.7 3.9 5.9

