

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
 Data File : VL041918.D
 Acq On : 20 Jan 2025 13:07
 Operator : SY/MD
 Sample : VL0120ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0120ABL01

Quant Time: Jan 21 05:06:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 14 23:15:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	143281	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	414856	10.000	ppbv	-0.01
55) Chlorobenzene-d5	8.882	117	358631	10.000	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	275930	9.768	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.700%

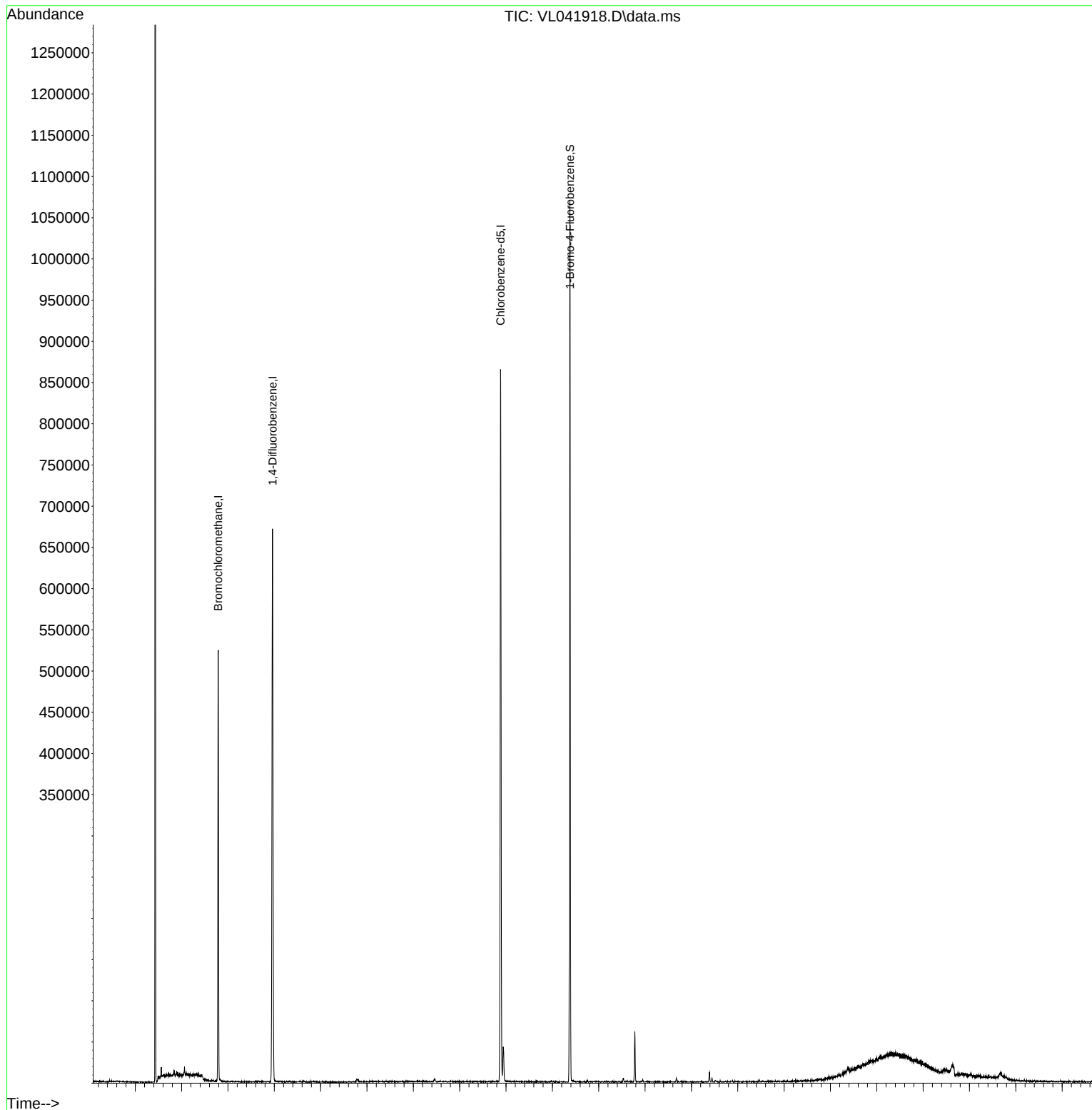
Target Compounds	Qvalue

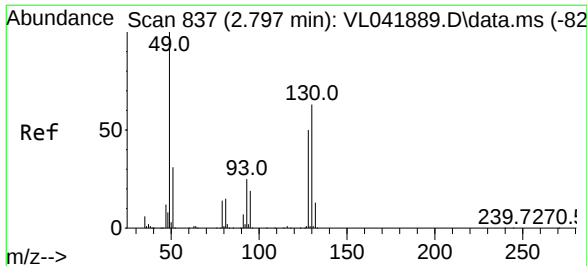
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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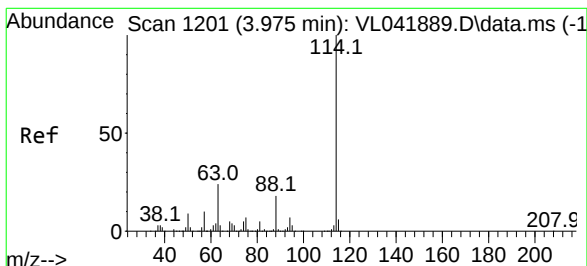
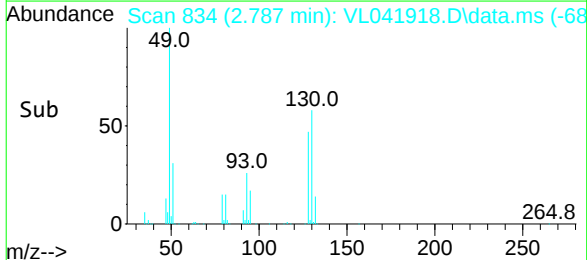
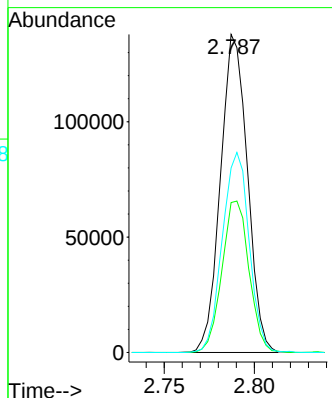
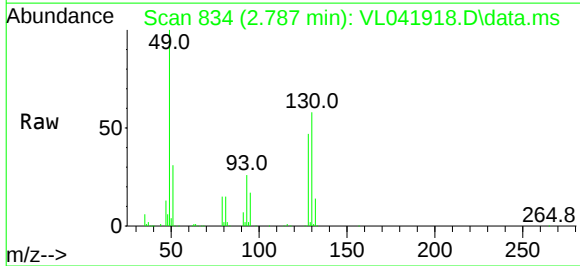




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 83
Delta R.T. -0.010 min
Lab File: VL041918.D
Acq: 20 Jan 2025 13:07

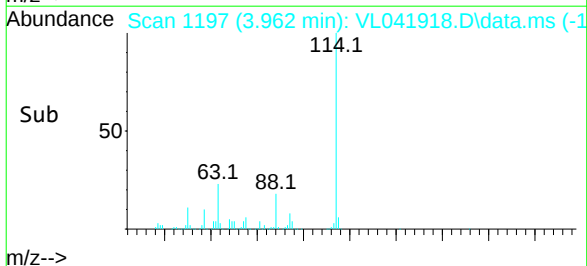
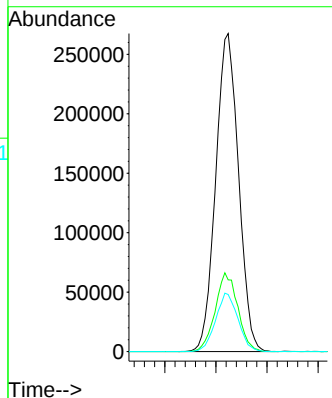
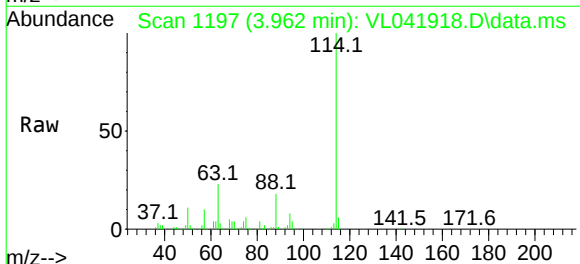
Instrument :
MSVOA_L
ClientSampleId :
VL0120ABL01

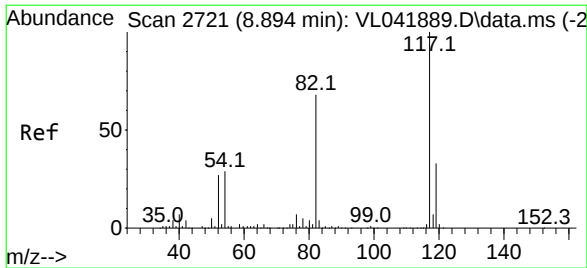
Tgt Ion: 49 Resp: 143281
Ion Ratio Lower Upper
49 100
128 48.0 24.3 73.0
130 62.7 31.1 93.2



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. -0.013 min
Lab File: VL041918.D
Acq: 20 Jan 2025 13:07

Tgt Ion: 114 Resp: 414856
Ion Ratio Lower Upper
114 100
63 24.4 19.8 29.6
88 18.0 14.4 21.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.882 min Scan# 27

Delta R.T. -0.013 min

Lab File: VL041918.D

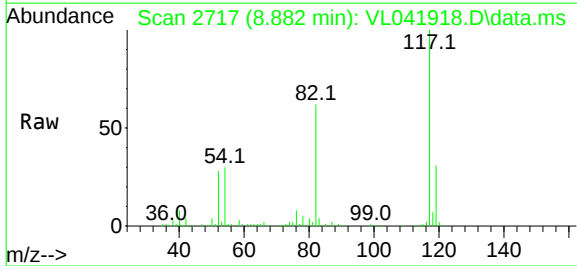
Acq: 20 Jan 2025 13:07

Instrument :

MSVOA_L

ClientSampleId :

VL0120ABL01



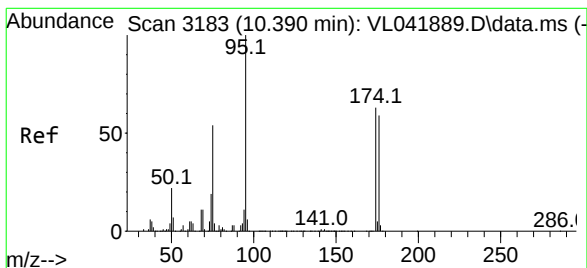
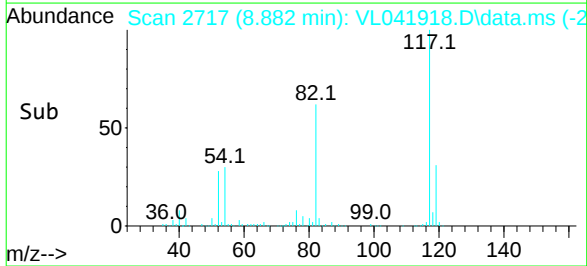
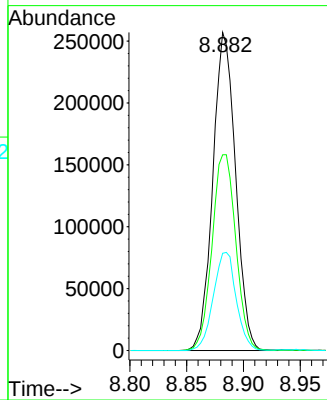
Tgt Ion:117 Resp: 358631

Ion Ratio Lower Upper

117 100

82 64.5 54.2 81.4

119 31.4 25.0 37.6



#68

1-Bromo-4-Fluorobenzene

Concen: 9.768 ppbv

RT: 10.377 min Scan# 3179

Delta R.T. -0.013 min

Lab File: VL041918.D

Acq: 20 Jan 2025 13:07

Tgt Ion: 95 Resp: 275930

Ion Ratio Lower Upper

95 100

174 60.1 49.0 73.4

175 4.7 3.8 5.8

