

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012025\
 Data File : VL041919.D
 Acq On : 20 Jan 2025 14:09
 Operator : SY/MD
 Sample : VL0120ABL02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0120ABL02

Quant Time: Jan 21 03:03:25 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	2.784	49	137119	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.955	114	393995	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.878	117	341266	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	265828	9.890	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.900%

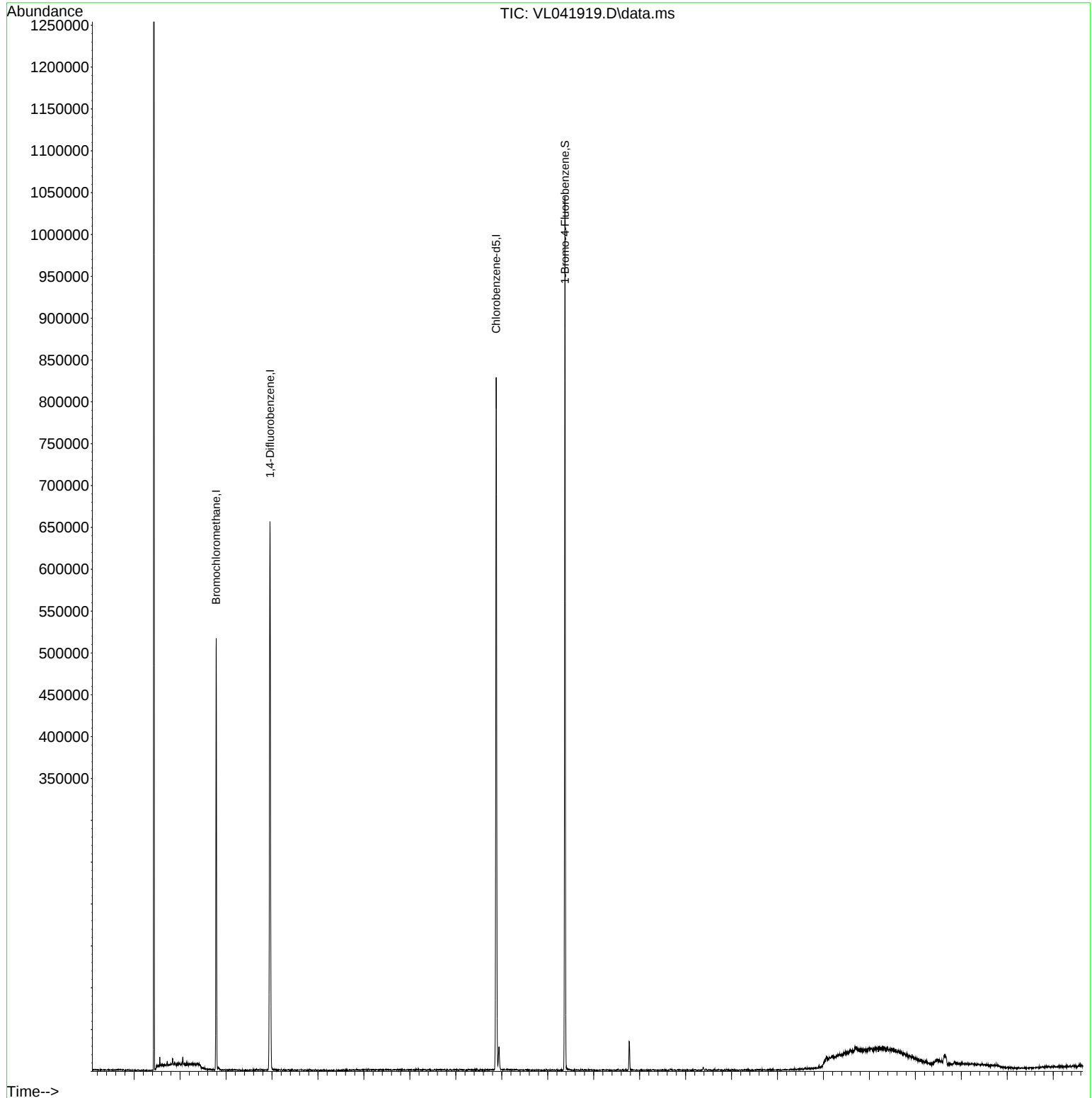
Target Compounds	Qvalue

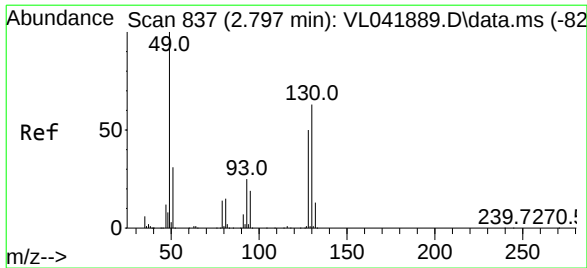
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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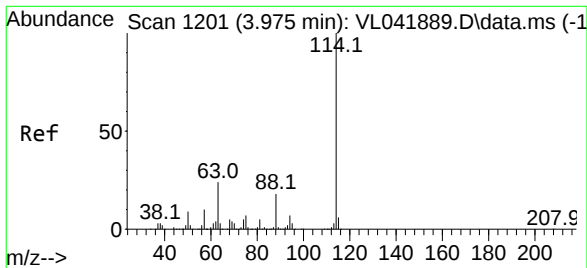
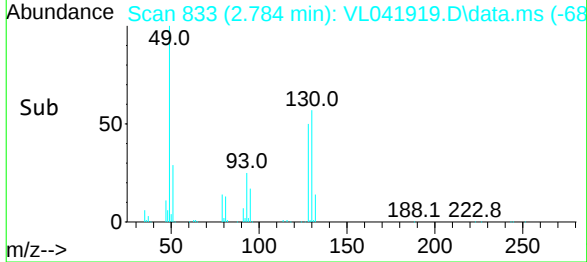
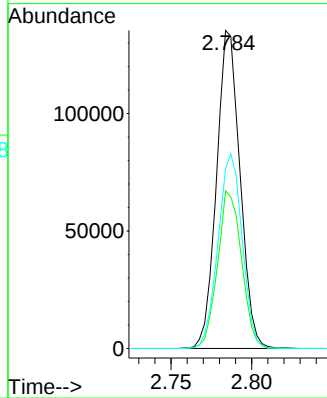
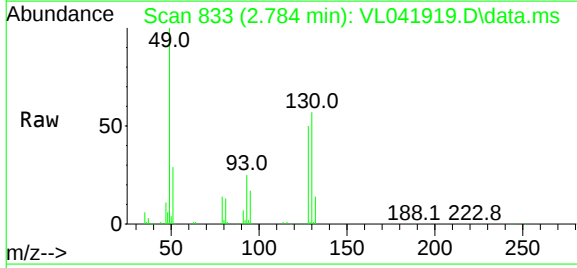




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 2.784 min Scan# 83
 Delta R.T. -0.013 min
 Lab File: VL041919.D
 Acq: 20 Jan 2025 14:09

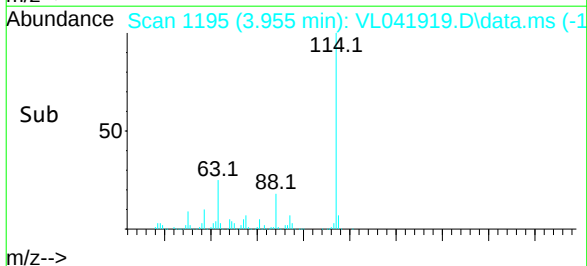
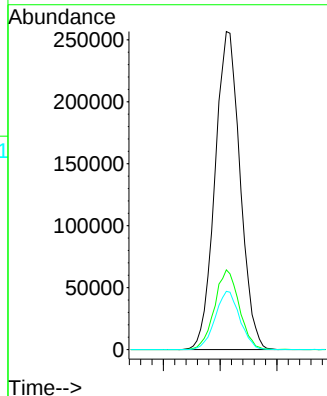
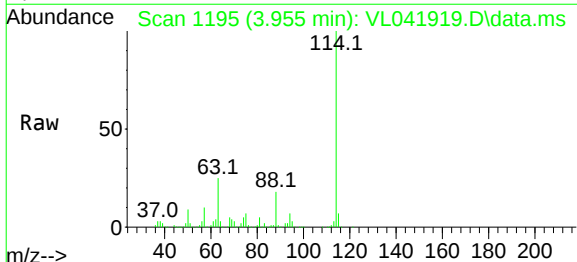
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0120ABL02

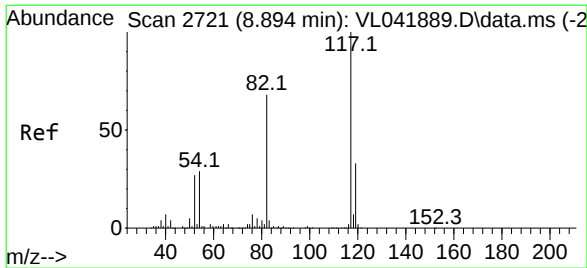
Tgt Ion: 49 Resp: 137119
 Ion Ratio Lower Upper
 49 100
 128 50.5 24.3 73.0
 130 62.6 31.1 93.2



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 3.955 min Scan# 1195
 Delta R.T. -0.019 min
 Lab File: VL041919.D
 Acq: 20 Jan 2025 14:09

Tgt Ion: 114 Resp: 393995
 Ion Ratio Lower Upper
 114 100
 63 24.6 19.8 29.6
 88 17.9 14.4 21.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.878 min Scan# 27

Delta R.T. -0.016 min

Lab File: VL041919.D

Acq: 20 Jan 2025 14:09

Instrument :

MSVOA_L

ClientSampleId :

VL0120ABL02

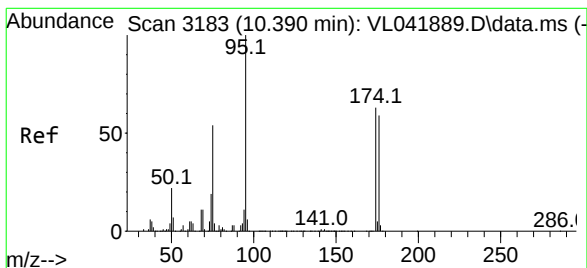
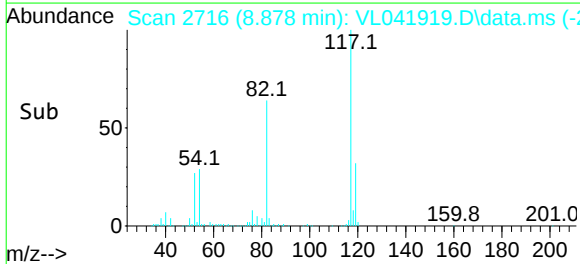
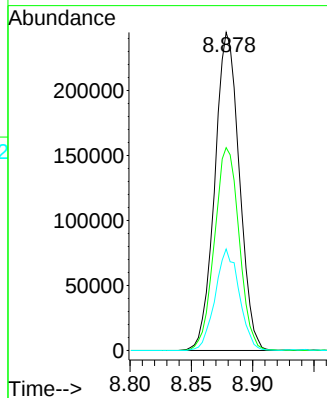
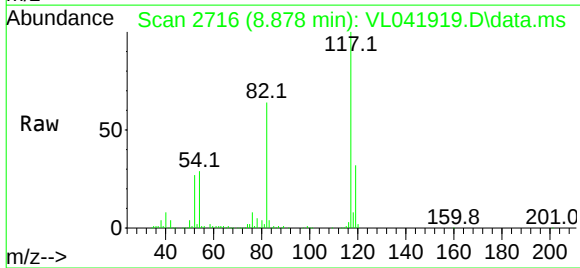
Tgt Ion:117 Resp: 341266

Ion Ratio Lower Upper

117 100

82 64.2 54.2 81.4

119 31.6 25.0 37.6



#68

1-Bromo-4-Fluorobenzene

Concen: 9.890 ppbv

RT: 10.374 min Scan# 3178

Delta R.T. -0.016 min

Lab File: VL041919.D

Acq: 20 Jan 2025 14:09

Tgt Ion: 95 Resp: 265828

Ion Ratio Lower Upper

95 100

174 58.9 49.0 73.4

175 4.1 3.8 5.8

