

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL011425\
 Data File : VL041898.D
 Acq On : 14 Jan 2025 19:05
 Operator : SY/MD
 Sample : VL0114ABL02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0114ABL02

Quant Time: Jan 15 03:25:01 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	2.790	49	138889	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	407987	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	348302	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	272004	9.915	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%

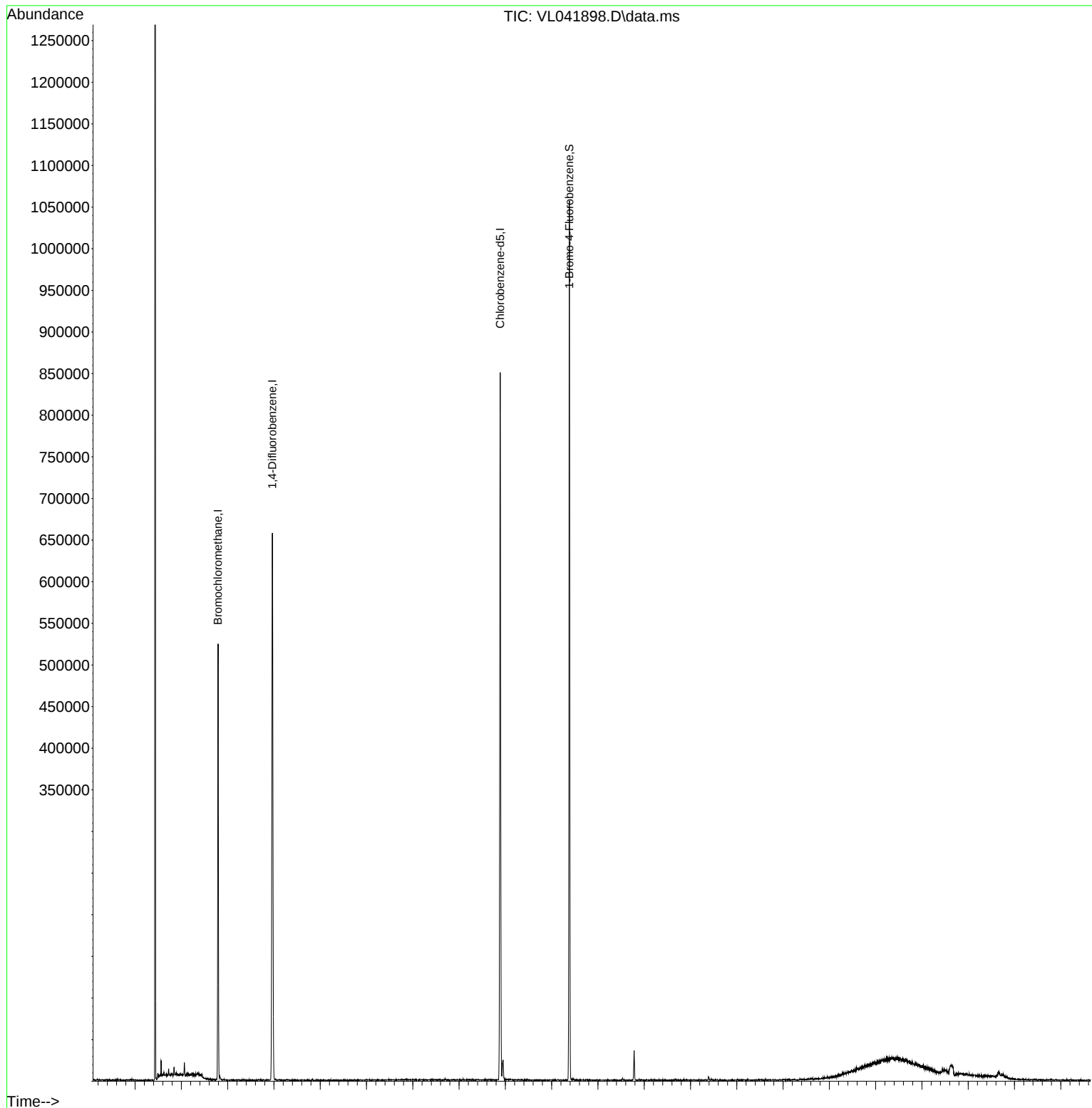
Target Compounds	Qvalue

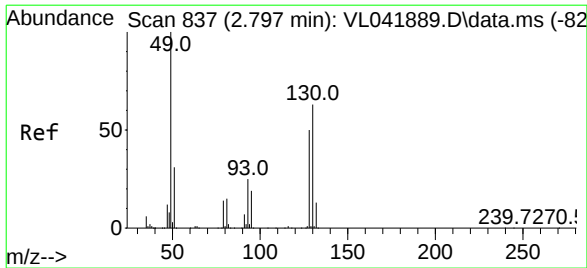
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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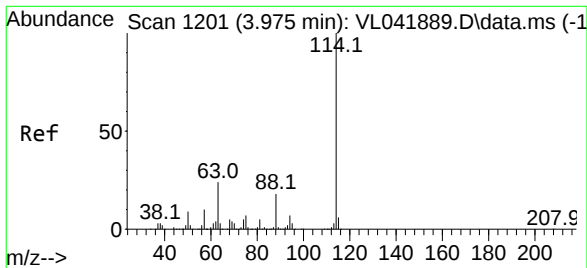
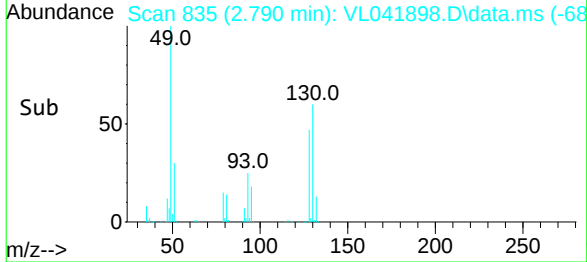
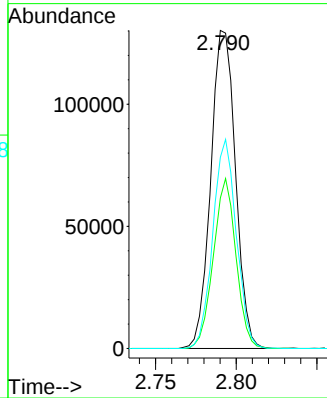
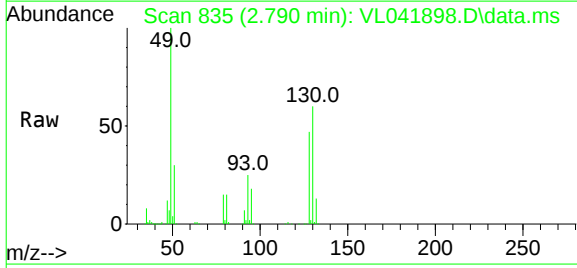




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.790 min Scan# 83
Delta R.T. -0.007 min
Lab File: VL041898.D
Acq: 14 Jan 2025 19:05

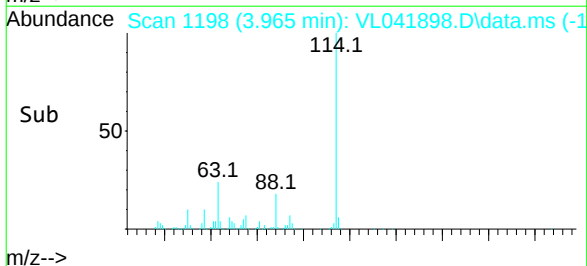
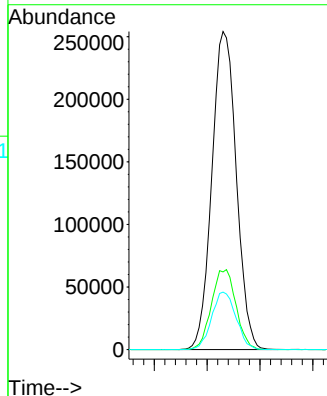
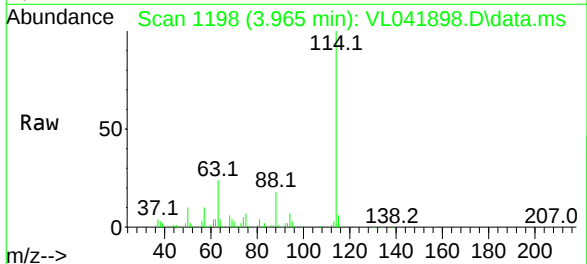
Instrument :
MSVOA_L
ClientSampleId :
VL0114ABL02

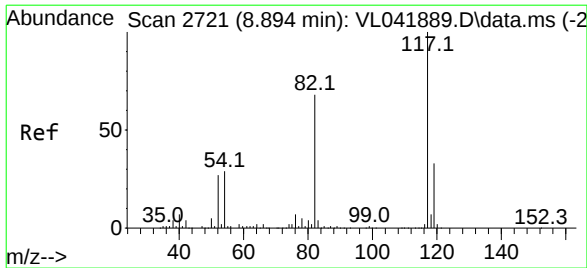
Tgt Ion: 49 Resp: 138889
Ion Ratio Lower Upper
49 100
128 48.9 24.3 73.0
130 62.6 31.1 93.2



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.965 min Scan# 1198
Delta R.T. -0.010 min
Lab File: VL041898.D
Acq: 14 Jan 2025 19:05

Tgt Ion: 114 Resp: 407987
Ion Ratio Lower Upper
114 100
63 25.3 19.8 29.6
88 18.0 14.4 21.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.888 min Scan# 27

Delta R.T. -0.006 min

Lab File: VL041898.D

Acq: 14 Jan 2025 19:05

Instrument :

MSVOA_L

ClientSampleId :

VL0114ABL02

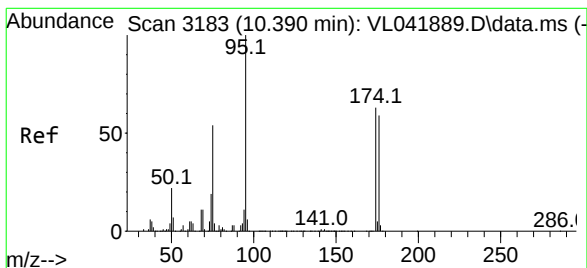
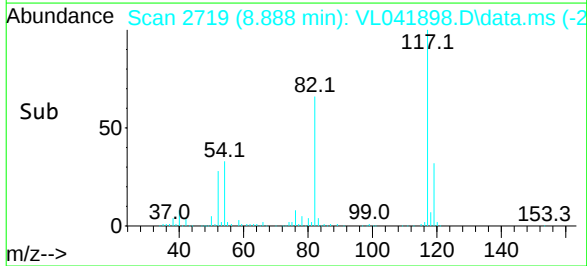
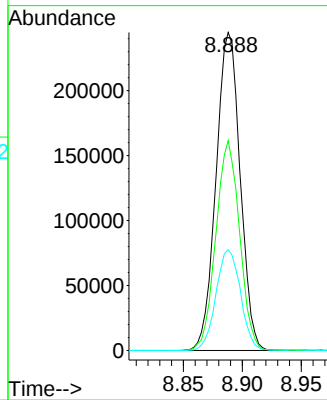
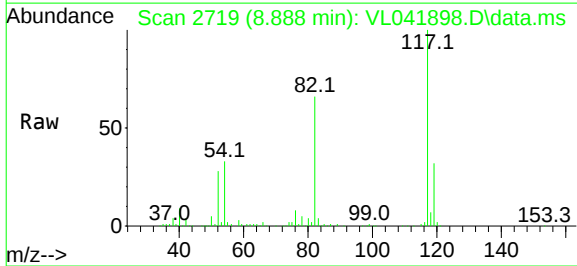
Tgt Ion:117 Resp: 348302

Ion Ratio Lower Upper

117 100

82 64.8 54.2 81.4

119 32.2 25.0 37.6



#68

1-Bromo-4-Fluorobenzene

Concen: 9.915 ppbv

RT: 10.380 min Scan# 3180

Delta R.T. -0.010 min

Lab File: VL041898.D

Acq: 14 Jan 2025 19:05

Tgt Ion: 95 Resp: 272004

Ion Ratio Lower Upper

95 100

174 60.6 49.0 73.4

175 4.3 3.8 5.8

