

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121824\
 Data File : VL041789.D
 Acq On : 18 Dec 2024 11:57
 Operator : SY/MD
 Sample : VL1218ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1218ABL01

Quant Time: Dec 19 07:52:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Dec 19 07:32:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	72894	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	182275	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	156009	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.377	95	132309	10.177	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.800%

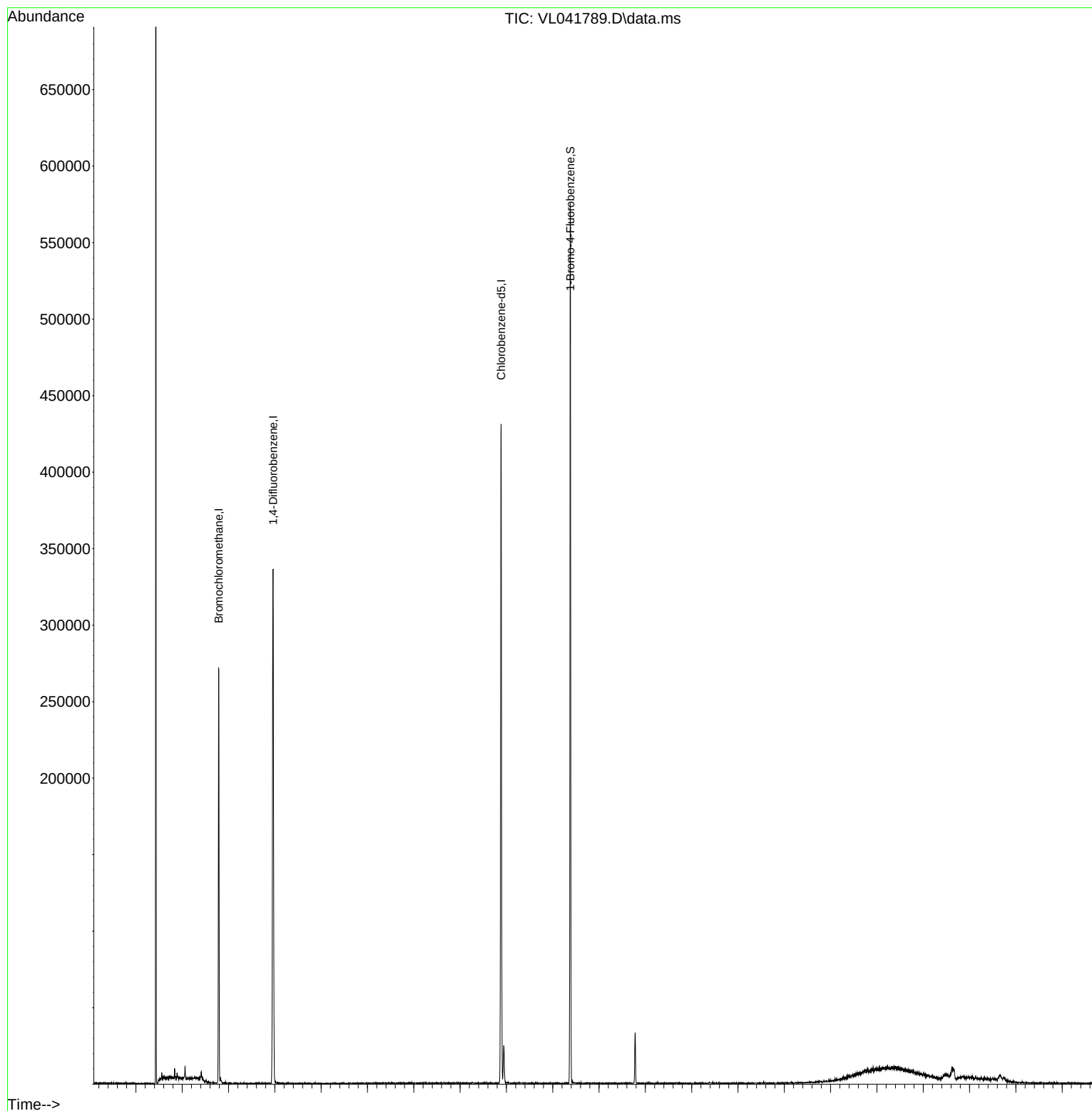
Target Compounds	Qvalue

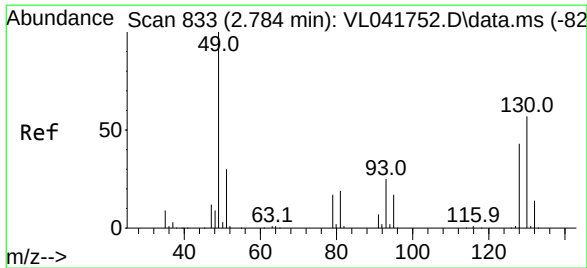
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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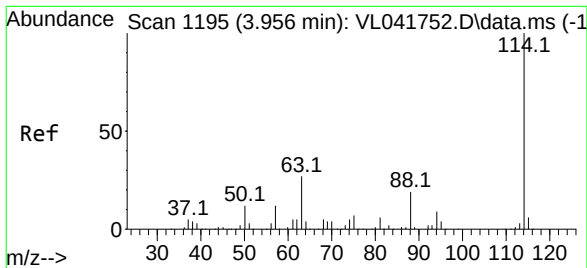
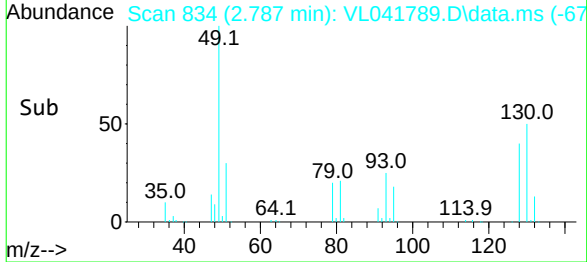
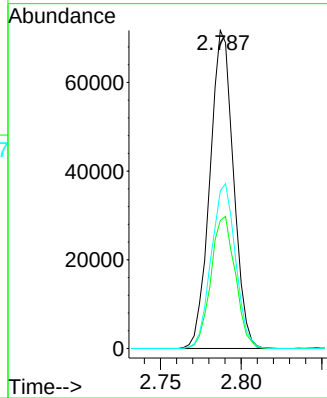
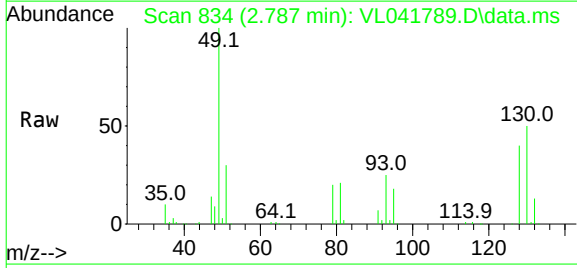




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 833
Delta R.T. 0.003 min
Lab File: VL041789.D
Acq: 18 Dec 2024 11:57

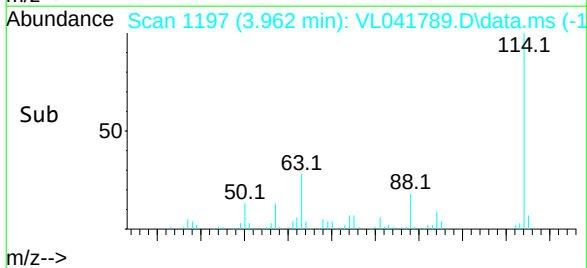
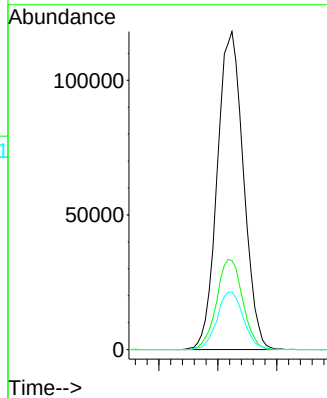
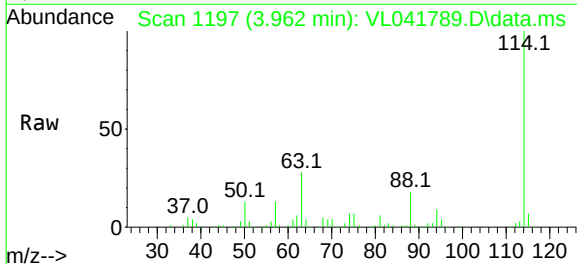
Instrument :
MSVOA_1
ClientSampleId :
VL1218ABL01

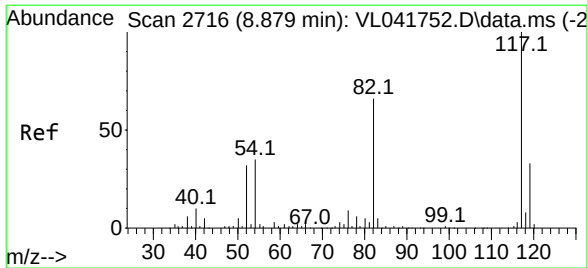
Tgt Ion: 49 Resp: 72894
Ion Ratio Lower Upper
49 100
128 42.8 21.6 64.6
130 53.2 28.3 85.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. 0.006 min
Lab File: VL041789.D
Acq: 18 Dec 2024 11:57

Tgt Ion: 114 Resp: 182275
Ion Ratio Lower Upper
114 100
63 28.4 21.8 32.8
88 18.2 14.8 22.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.885 min Scan# 2716

Delta R.T. 0.006 min

Lab File: VL041789.D

Acq: 18 Dec 2024 11:57

Instrument :

MSVOA_1

ClientSampleId :

VL1218ABL01

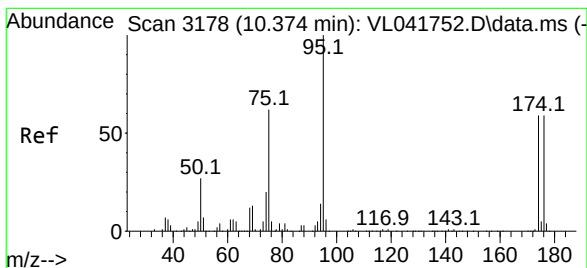
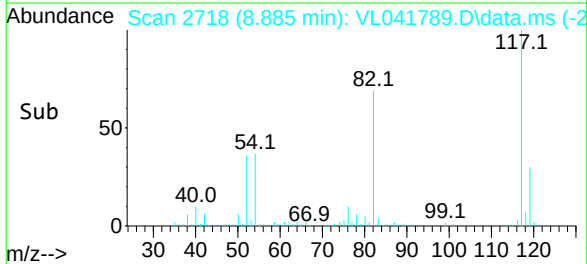
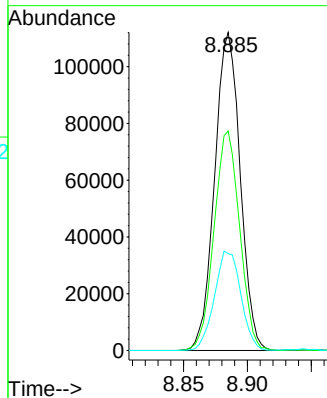
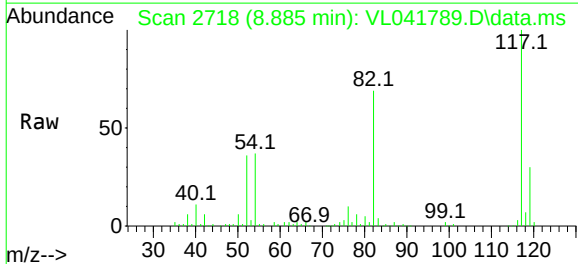
Tgt Ion:117 Resp: 156009

Ion Ratio Lower Upper

117 100

82 69.3 53.8 80.8

119 32.4 26.7 40.1



#68

1-Bromo-4-Fluorobenzene

Concen: 10.177 ppbv

RT: 10.377 min Scan# 3179

Delta R.T. 0.003 min

Lab File: VL041789.D

Acq: 18 Dec 2024 11:57

Tgt Ion: 95 Resp: 132309

Ion Ratio Lower Upper

95 100

174 57.1 47.6 71.4

175 4.7 3.7 5.5

