

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121624\
Data File : VL041762.D
Acq On : 16 Dec 2024 21:21
Operator : SY/MD
Sample : VL1216ABL03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1216ABL03

Quant Time: Dec 20 03:23:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
Quant Title : AIR ANALYSIS BY METHOD T0-15 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	60368	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	161655	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	142683	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	10.377	95	116315	9.782	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.800%

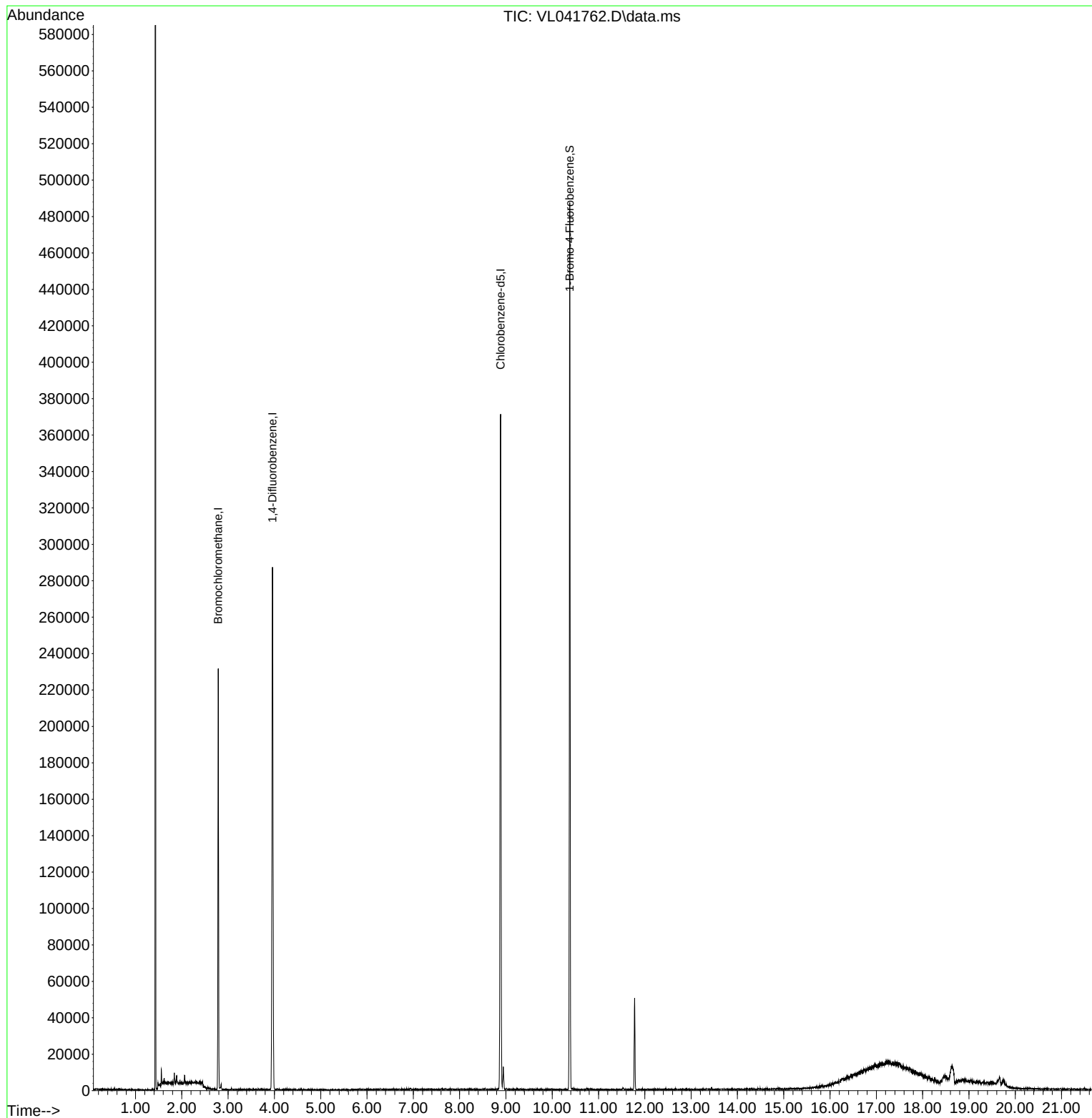
Target Compounds	Qvalue

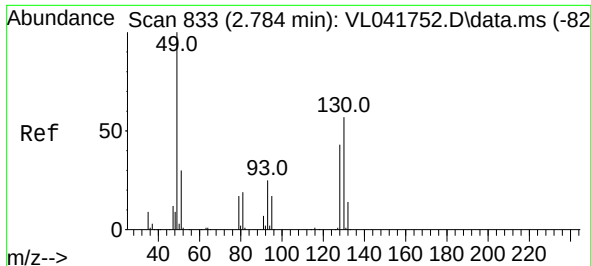
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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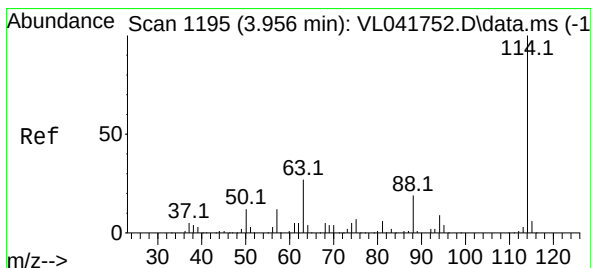
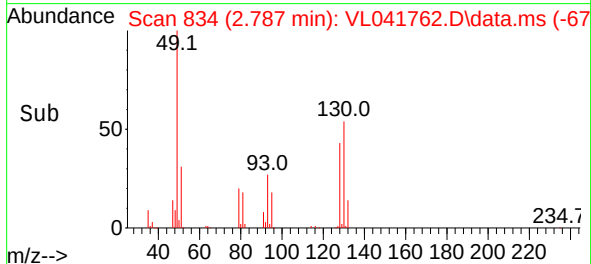
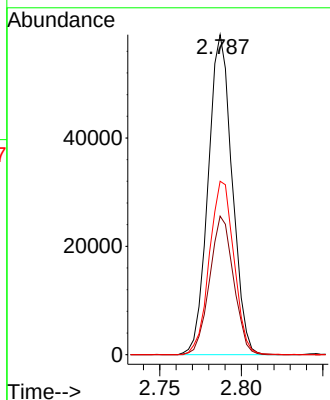
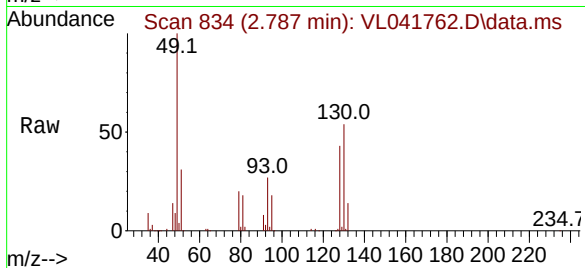




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 834
Delta R.T. 0.003 min
Lab File: VL041762.D
Acq: 16 Dec 2024 21:21

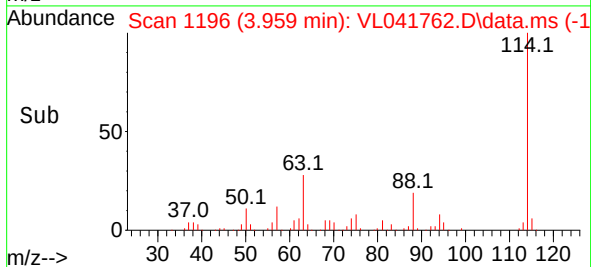
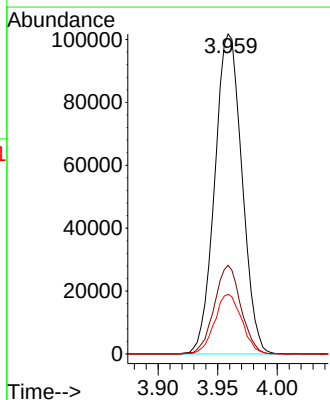
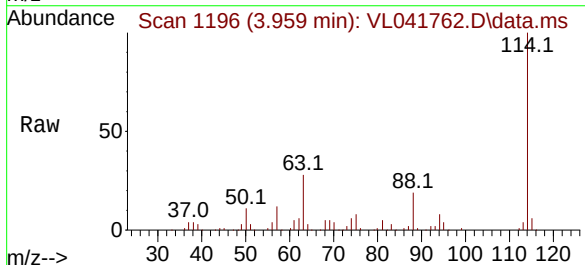
Instrument :
MSVOA_1
ClientSampleId :
VL1216ABL03

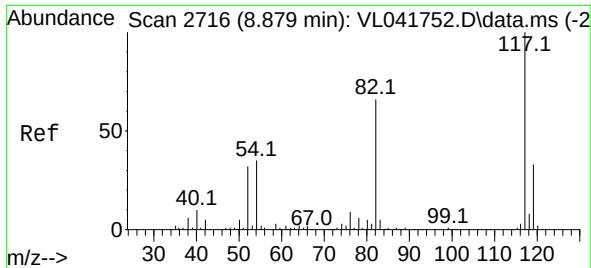
Tgt Ion: 49 Resp: 60368
Ion Ratio Lower Upper
49 100
128 43.2 21.6 64.6
130 55.6 28.3 85.0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.959 min Scan# 1196
Delta R.T. 0.003 min
Lab File: VL041762.D
Acq: 16 Dec 2024 21:21

Tgt Ion: 114 Resp: 161655
Ion Ratio Lower Upper
114 100
63 27.0 21.8 32.8
88 18.6 14.8 22.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.885 min Scan# 21

Delta R.T. 0.006 min

Lab File: VL041762.D

Acq: 16 Dec 2024 21:21

Instrument :

MSVOA_1

ClientSampleId :

VL1216ABL03

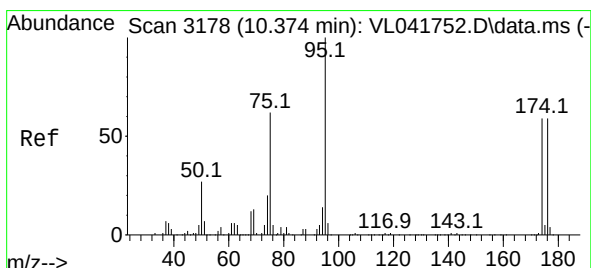
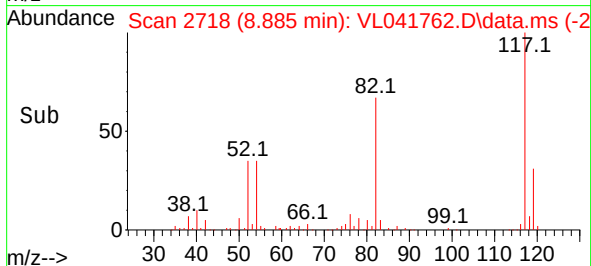
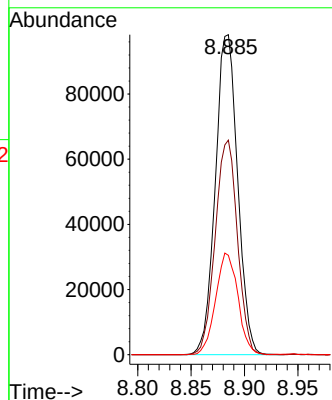
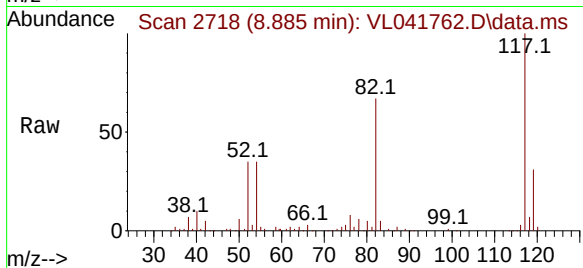
Tgt Ion:117 Resp: 142683

Ion Ratio Lower Upper

117 100

82 66.8 53.8 80.8

119 31.8 26.7 40.1



#68

1-Bromo-4-Fluorobenzene

Concen: 9.782 ppbv

RT: 10.377 min Scan# 3179

Delta R.T. 0.003 min

Lab File: VL041762.D

Acq: 16 Dec 2024 21:21

Tgt Ion: 95 Resp: 116315

Ion Ratio Lower Upper

95 100

174 59.6 47.6 71.4

175 4.7 3.7 5.5

