

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112024\
 Data File : VL041700.D
 Acq On : 20 Nov 2024 13:53
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Nov 21 05:10:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Nov 08 01:01:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	1159692	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.668	114	3152367	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.481	117	2753753	10.000	ppbv	0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	1935863	9.541	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.400%

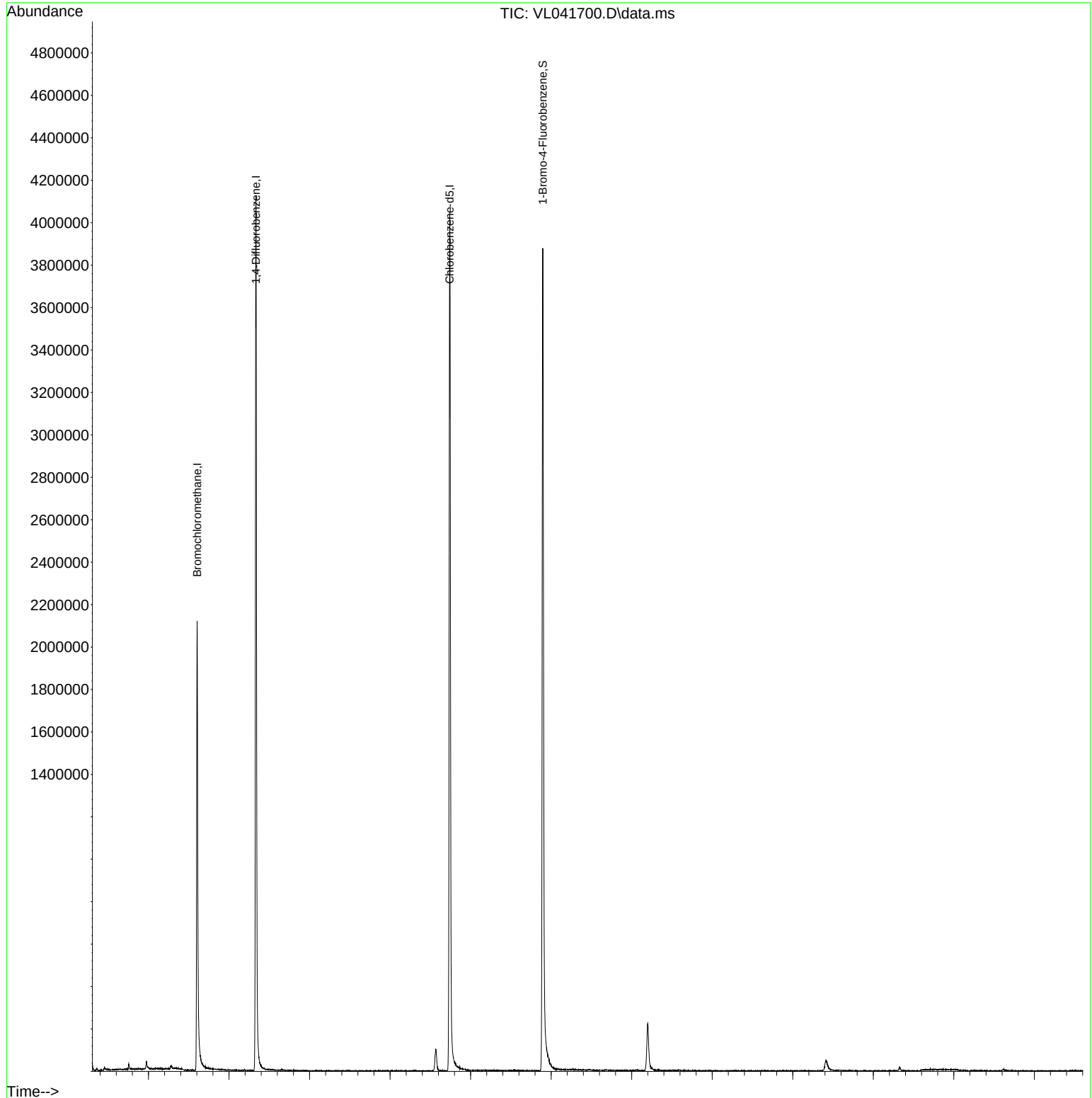
Target Compounds	Qvalue

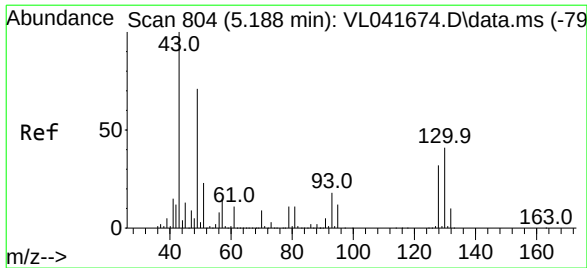
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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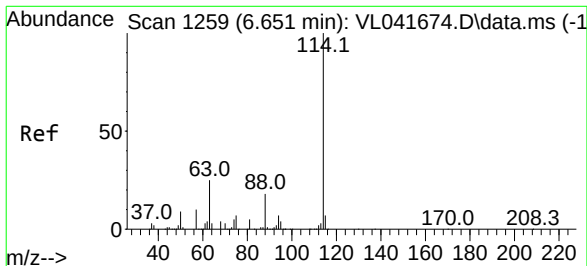
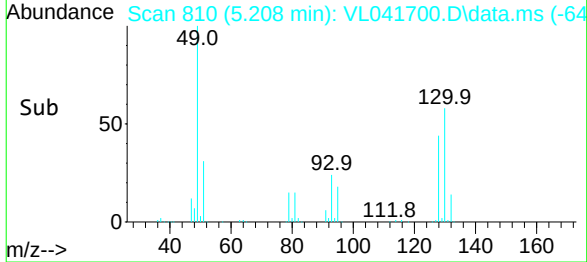
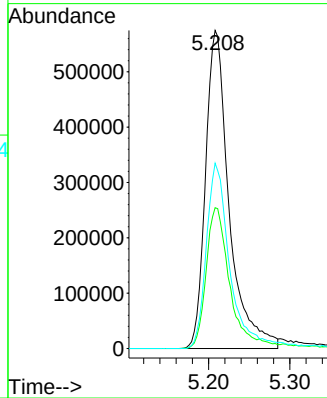
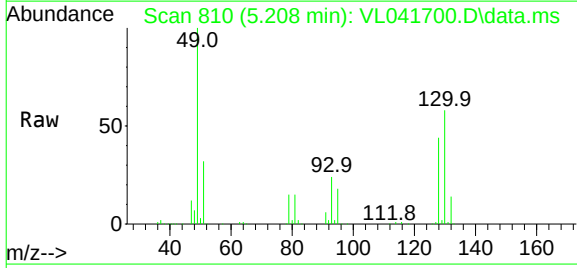




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. 0.020 min
Lab File: VL041700.D
Acq: 20 Nov 2024 13:53

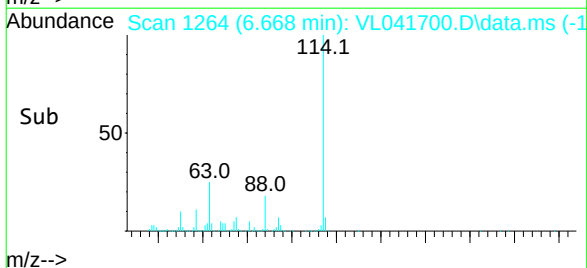
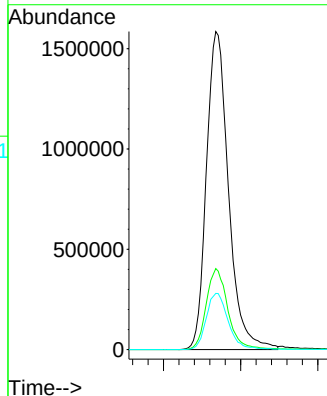
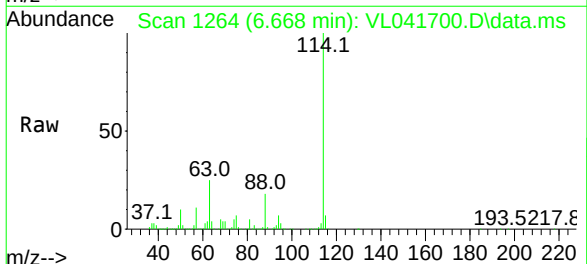
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

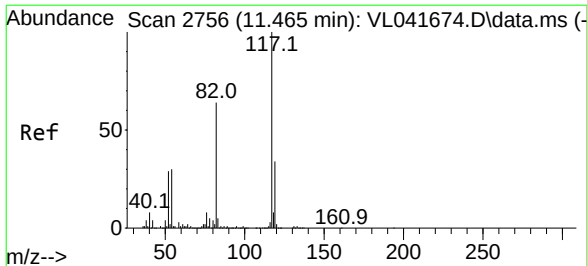
Tgt Ion: 49 Resp: 1159692
Ion Ratio Lower Upper
49 100
128 46.6 23.8 71.2
130 60.0 30.1 90.5



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.668 min Scan# 1264
Delta R.T. 0.016 min
Lab File: VL041700.D
Acq: 20 Nov 2024 13:53

Tgt Ion: 114 Resp: 3152367
Ion Ratio Lower Upper
114 100
63 25.2 20.3 30.5
88 17.7 14.2 21.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.481 min Scan# 27

Delta R.T. 0.016 min

Lab File: VL041700.D

Acq: 20 Nov 2024 13:53

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

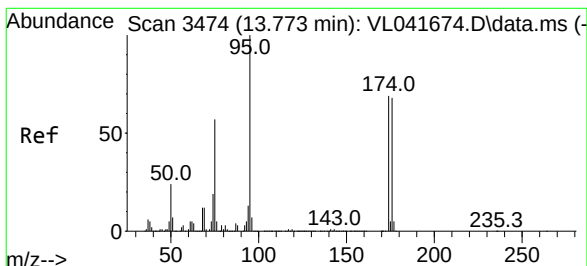
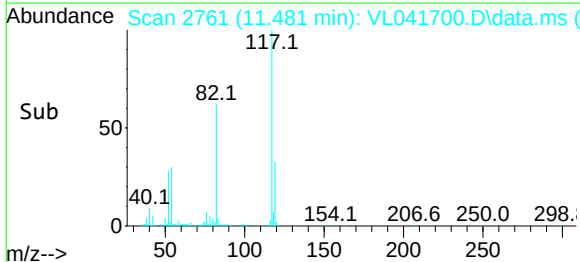
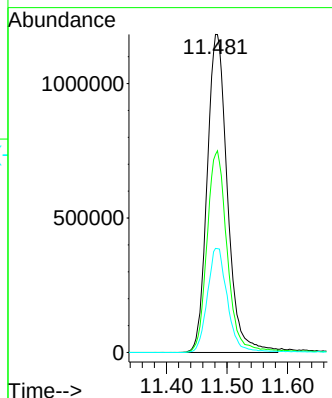
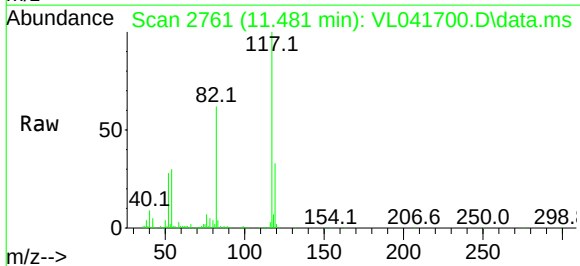
Tgt Ion:117 Resp: 2753753

Ion Ratio Lower Upper

117 100

82 63.9 49.8 74.8

119 32.9 24.2 36.4



#68

1-Bromo-4-Fluorobenzene

Concen: 9.541 ppbv

RT: 13.793 min Scan# 3480

Delta R.T. 0.020 min

Lab File: VL041700.D

Acq: 20 Nov 2024 13:53

Tgt Ion: 95 Resp: 1935863

Ion Ratio Lower Upper

95 100

174 72.0 55.6 83.4

175 5.1 4.2 6.2

