

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110724\
Data File : VL041684.D
Acq On : 7 Nov 2024 19:04
Operator : SY/MD
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Nov 08 03:52:32 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	5.186	49	1114997	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3032463	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2651398	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.767	95	1959319	10.029	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.300%

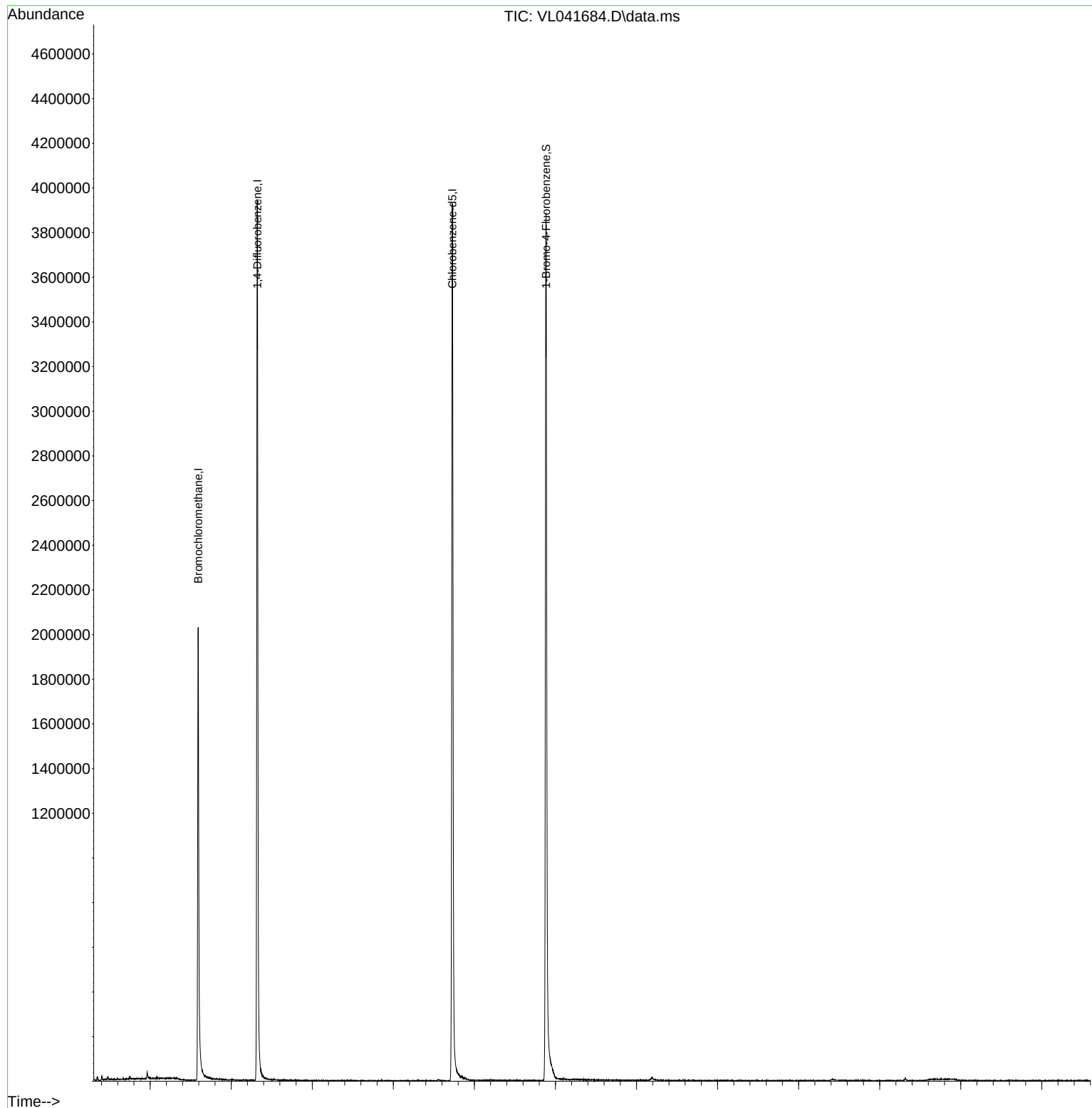
Target Compounds	Qvalue

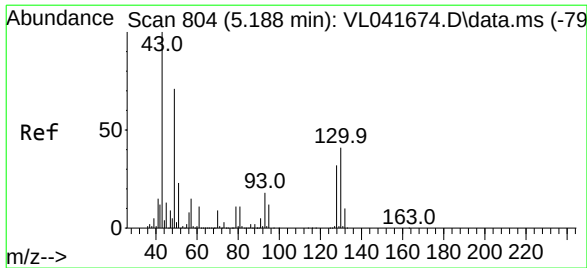
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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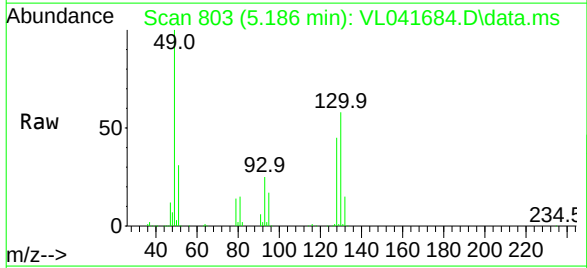
Quant Time: Nov 08 03:52:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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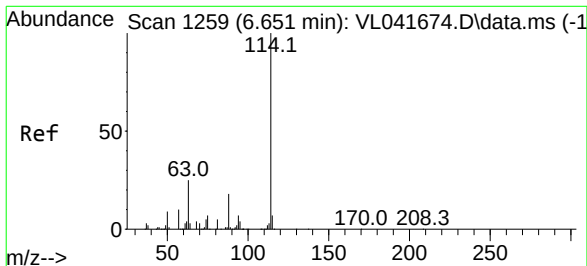
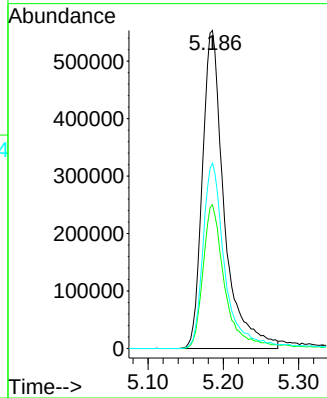
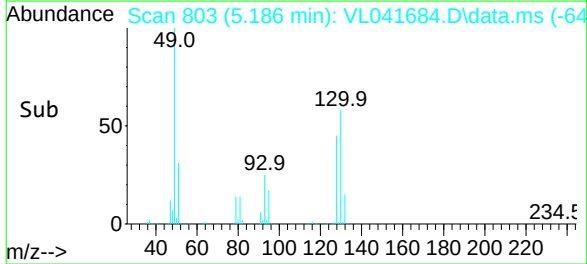
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.186 min Scan# 804
 Delta R.T. -0.002 min
 Lab File: VL041684.D
 Acq: 7 Nov 2024 19:04

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

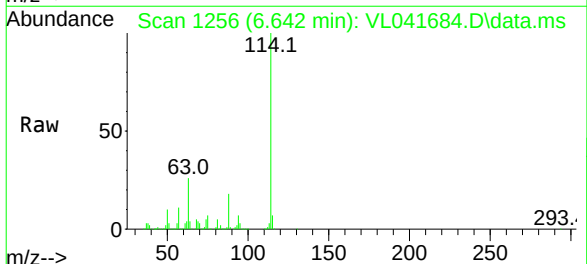


Tgt Ion: 49 Resp: 1114997

Ion	Ratio	Lower	Upper
49	100		
128	47.0	23.8	71.2
130	60.6	30.1	90.5

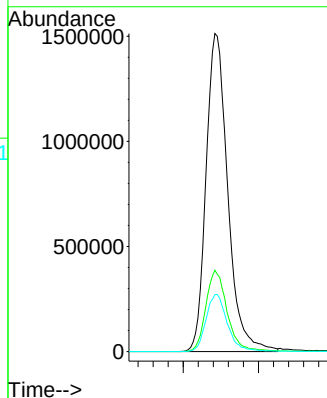
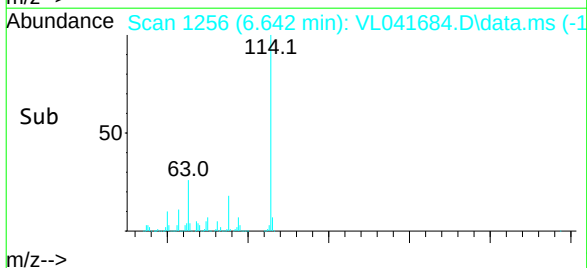


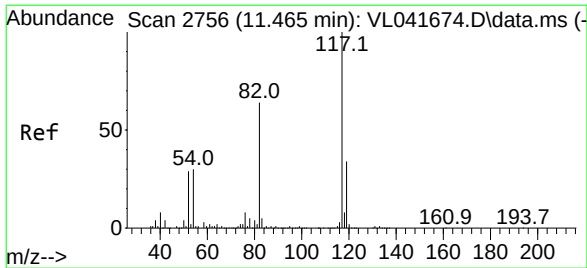
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.642 min Scan# 1256
 Delta R.T. -0.009 min
 Lab File: VL041684.D
 Acq: 7 Nov 2024 19:04



Tgt Ion: 114 Resp: 3032463

Ion	Ratio	Lower	Upper
114	100		
63	25.4	20.3	30.5
88	17.9	14.2	21.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.455 min Scan# 27

Delta R.T. -0.009 min

Lab File: VL041684.D

Acq: 7 Nov 2024 19:04

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

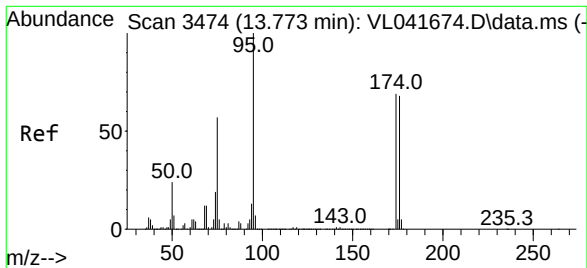
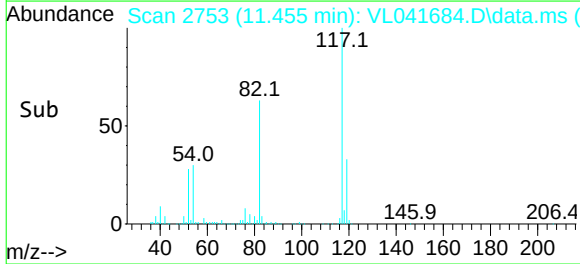
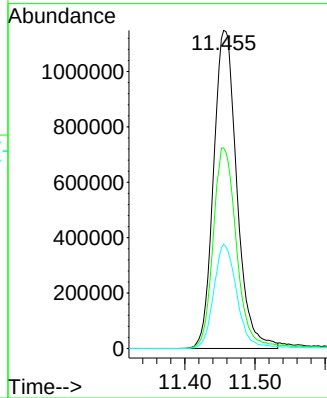
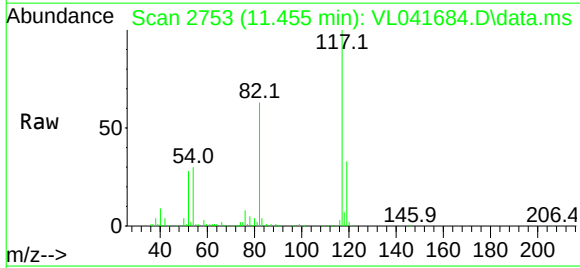
Tgt Ion:117 Resp: 2651398

Ion Ratio Lower Upper

117 100

82 64.4 49.8 74.8

119 33.1 24.2 36.4



#68

1-Bromo-4-Fluorobenzene

Concen: 10.029 ppbv

RT: 13.767 min Scan# 3472

Delta R.T. -0.006 min

Lab File: VL041684.D

Acq: 7 Nov 2024 19:04

Tgt Ion: 95 Resp: 1959319

Ion Ratio Lower Upper

95 100

174 72.2 55.6 83.4

175 5.3 4.2 6.2

