

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060524\
 Data File : VL041324.D
 Acq On : 5 Jun 2024 12:45
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Jun 06 04:38:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jun 05 04:42:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	921377	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.665	114	2412210	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2177105	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1677050	9.977	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.800%

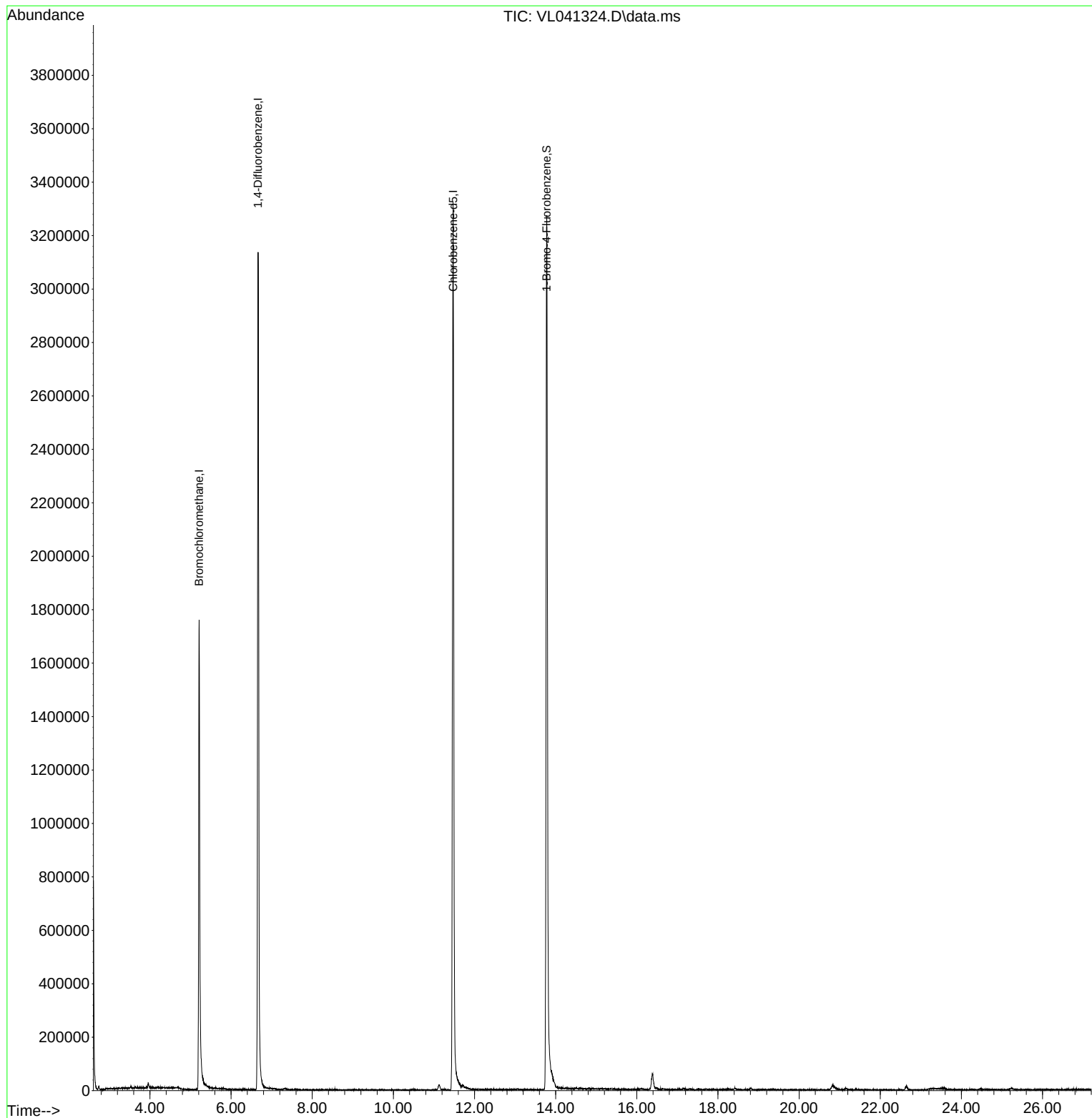
Target Compounds	Qvalue

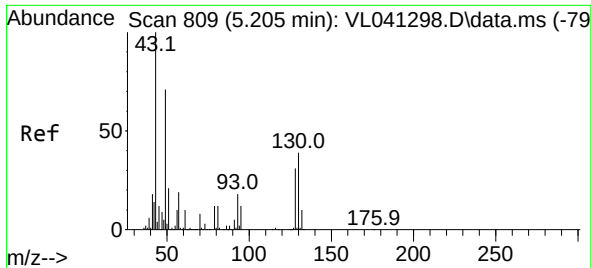
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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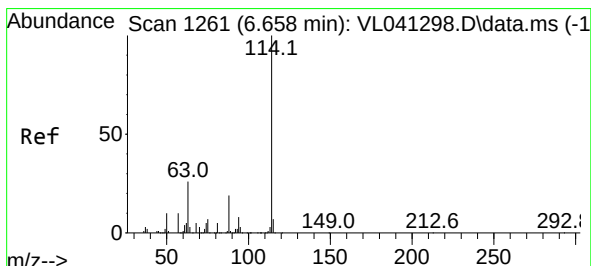
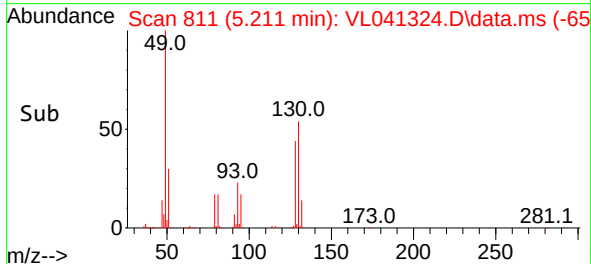
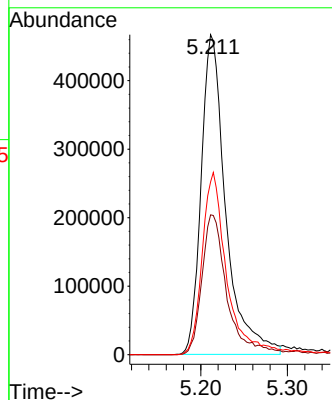
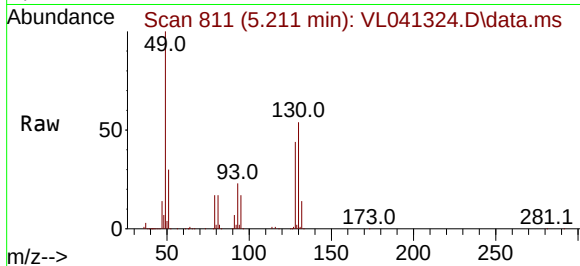




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.006 min
Lab File: VL041324.D
Acq: 5 Jun 2024 12:45

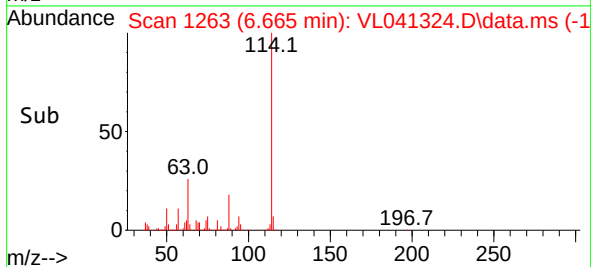
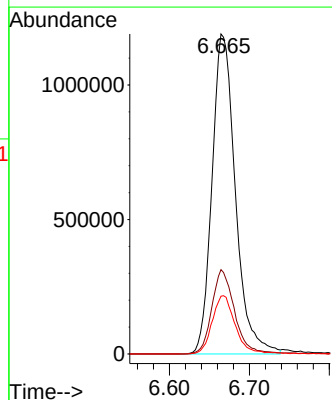
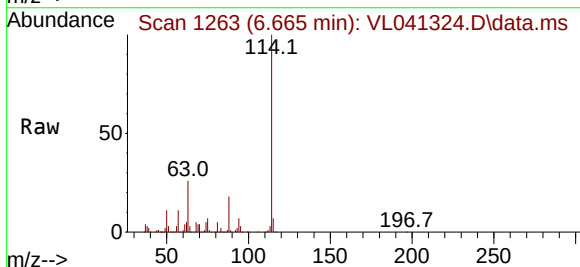
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

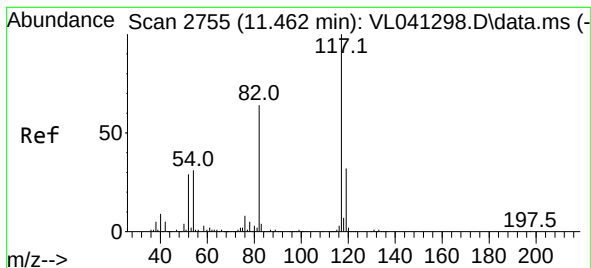
Tgt Ion: 49 Resp: 921377
Ion Ratio Lower Upper
49 100
128 45.4 22.8 68.3
130 58.6 28.4 85.3



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.665 min Scan# 1263
Delta R.T. 0.007 min
Lab File: VL041324.D
Acq: 5 Jun 2024 12:45

Tgt Ion: 114 Resp: 2412210
Ion Ratio Lower Upper
114 100
63 26.1 20.6 30.8
88 18.1 14.5 21.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL041324.D

Acq: 5 Jun 2024 12:45

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

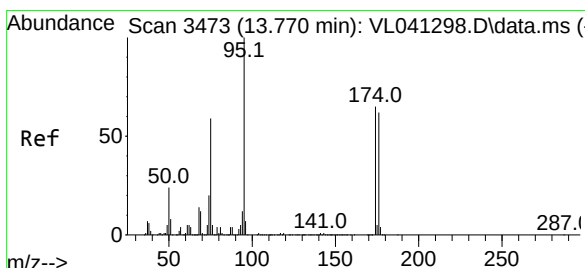
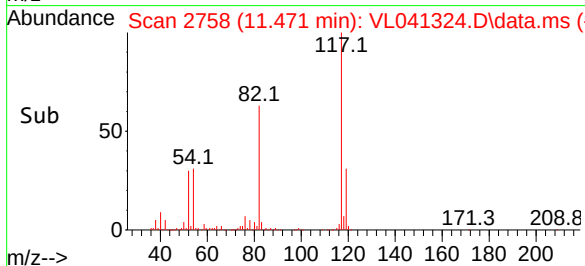
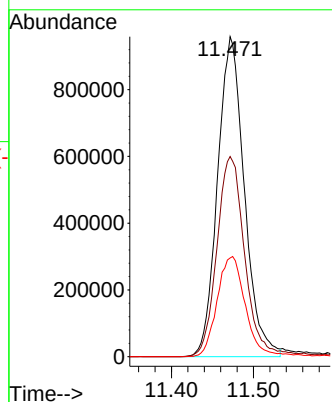
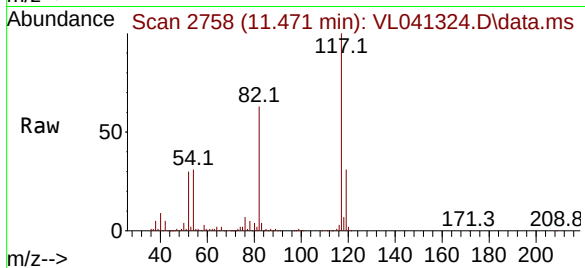
Tgt Ion:117 Resp: 2177105

Ion Ratio Lower Upper

117 100

82 66.7 52.3 78.5

119 33.2 26.2 39.2



#68

1-Bromo-4-Fluorobenzene

Concen: 9.977 ppbv

RT: 13.777 min Scan# 3475

Delta R.T. 0.007 min

Lab File: VL041324.D

Acq: 5 Jun 2024 12:45

Tgt Ion: 95 Resp: 1677050

Ion Ratio Lower Upper

95 100

174 66.4 52.2 78.2

175 4.9 4.1 6.1

