

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092524\
 Data File : VL041623.D
 Acq On : 25 Sep 2024 14:35
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Sep 26 01:19:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 09:12:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.169	49	1038284	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.635	114	2889408	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2503378	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.764	95	1782355	9.672	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.700%

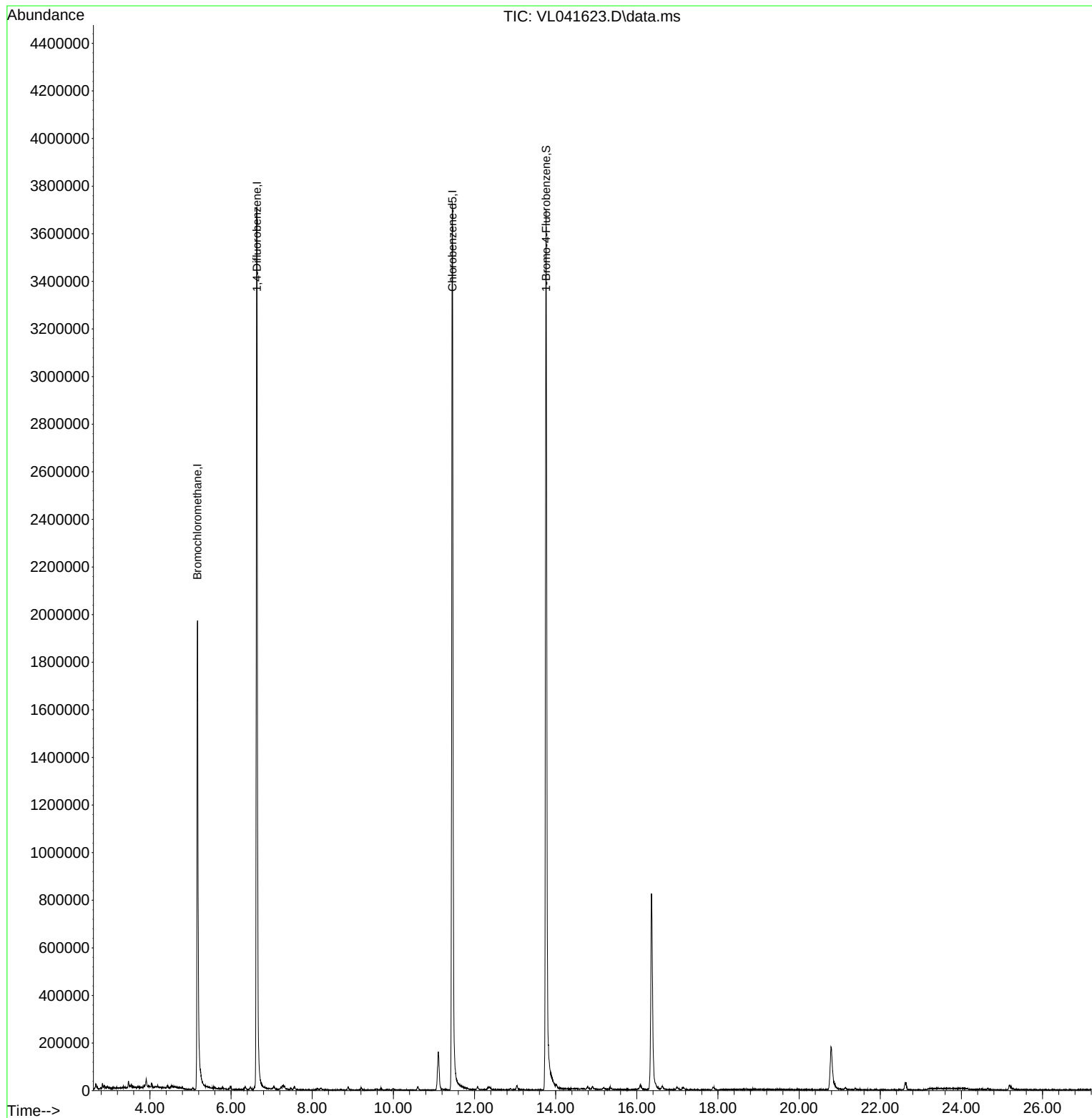
Target Compounds	Qvalue

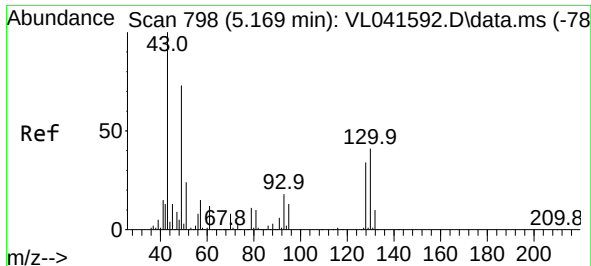
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092524\
Data File : VL041623.D
Acq On : 25 Sep 2024 14:35
Operator : SY/MD
Sample : VIBLK
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Quant Time: Sep 26 01:19:43 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
QLast Update : Tue Sep 17 09:12:21 2024
Response via : Initial Calibration

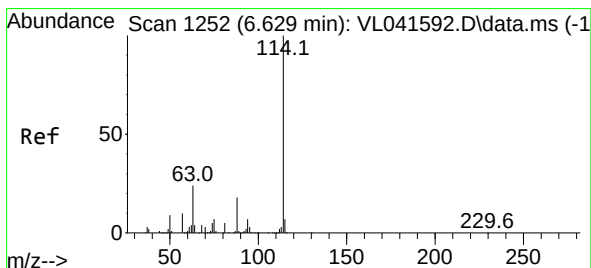
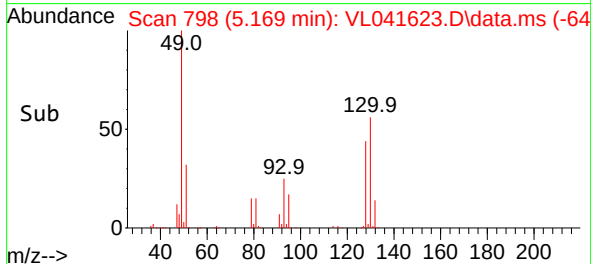
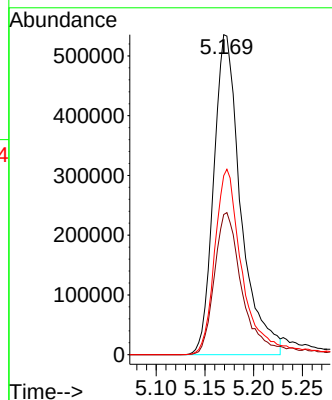
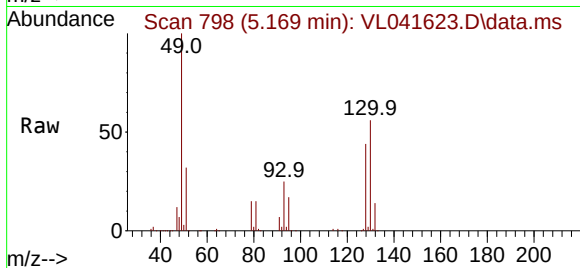




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.169 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VL041623.D
 Acq: 25 Sep 2024 14:35

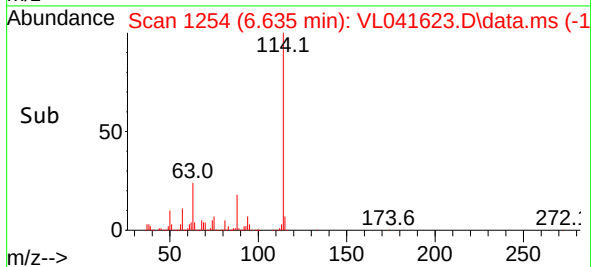
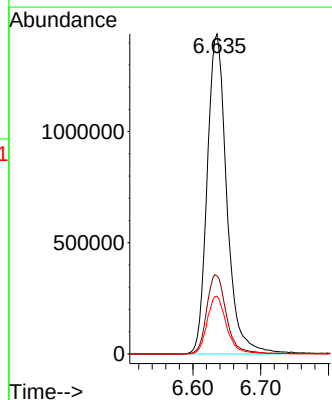
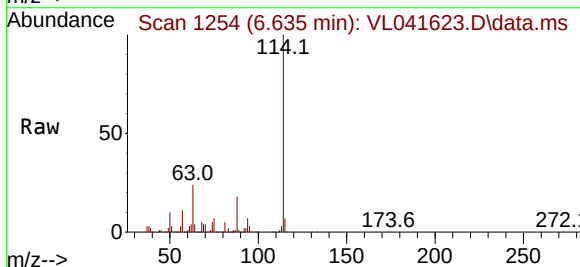
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

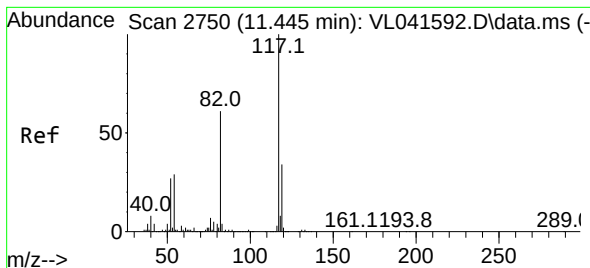
Tgt Ion: 49 Resp: 1038284
 Ion Ratio Lower Upper
 49 100
 128 48.0 23.8 71.5
 130 61.1 30.4 91.3



#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.635 min Scan# 1254
 Delta R.T. 0.007 min
 Lab File: VL041623.D
 Acq: 25 Sep 2024 14:35

Tgt Ion: 114 Resp: 2889408
 Ion Ratio Lower Upper
 114 100
 63 25.2 20.2 30.2
 88 18.0 14.2 21.4





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.455 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL041623.D

Acq: 25 Sep 2024 14:35

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

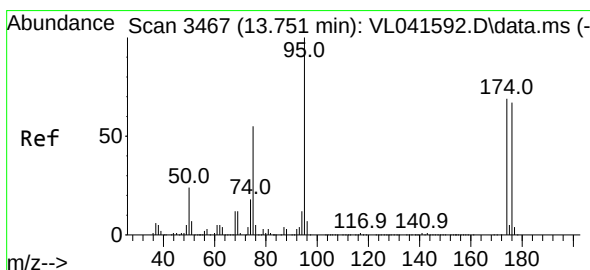
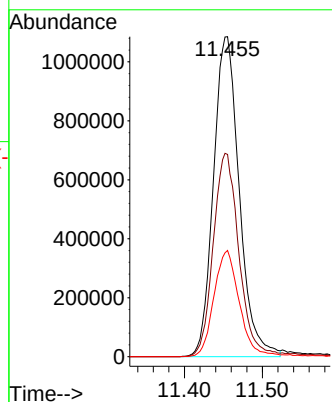
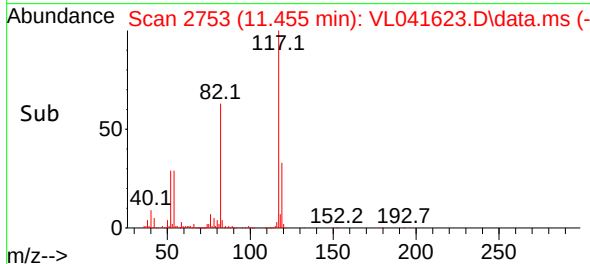
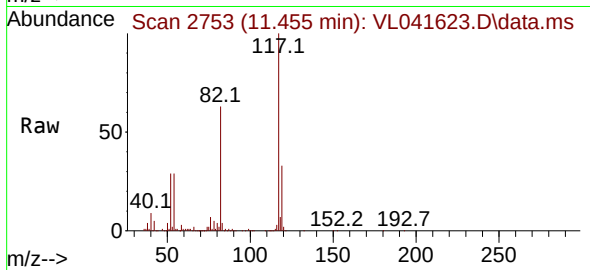
Tgt Ion:117 Resp: 2503378

Ion Ratio Lower Upper

117 100

82 64.3 49.4 74.2

119 33.1 24.4 36.6



#68

1-Bromo-4-Fluorobenzene

Concen: 9.672 ppbv

RT: 13.764 min Scan# 3471

Delta R.T. 0.013 min

Lab File: VL041623.D

Acq: 25 Sep 2024 14:35

Tgt Ion: 95 Resp: 1782355

Ion Ratio Lower Upper

95 100

174 72.9 55.8 83.8

175 5.3 4.1 6.1

