

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050624\
 Data File : VL041213.D
 Acq On : 6 May 2024 11:39
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: May 07 05:22:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue May 07 05:19:44 2024
 Response via : Initial Calibration

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

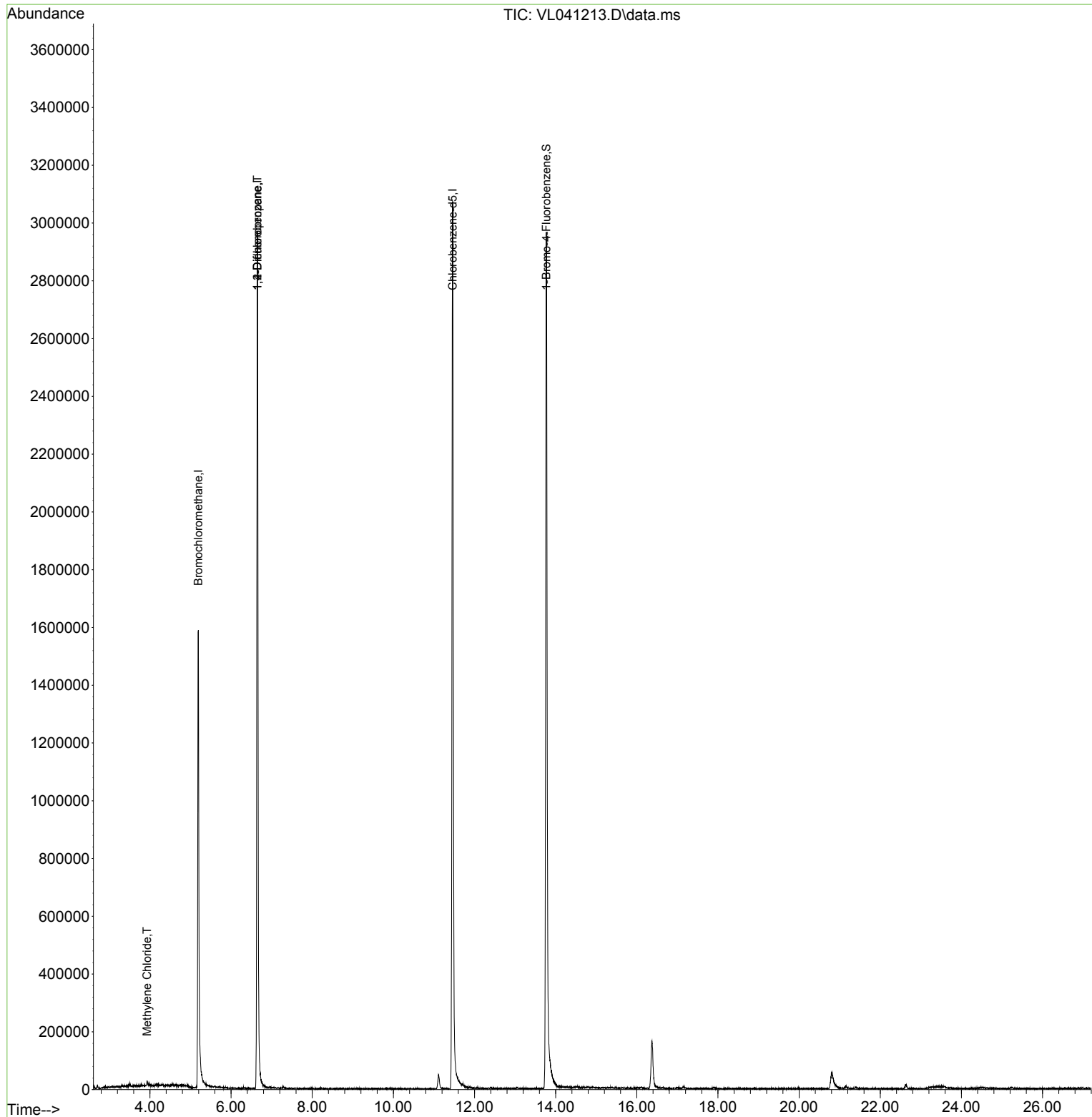
Internal Standards						
1) Bromochloromethane	5.192	49	885143	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	2314600	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2093677	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1590665	10.064	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.600%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.931	84	4139	0.114	ppbv #	78
39) 1,2-Dichloropropane	6.648	63	589562	7.876	ppbv #	25

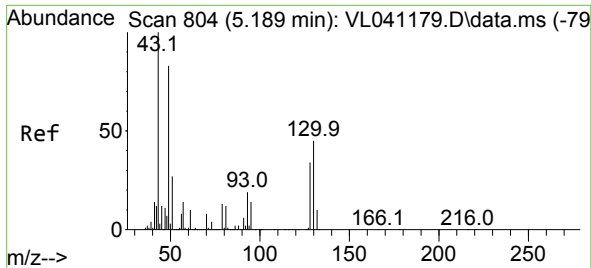
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.192 min Scan# 804

Delta R.T. -0.003 min

Lab File: VL041213.D

Acq: 6 May 2024 11:39

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

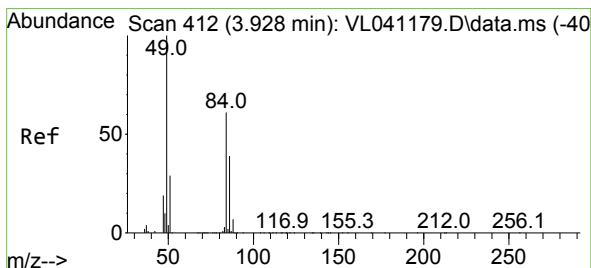
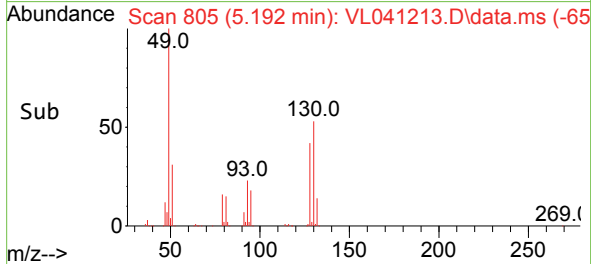
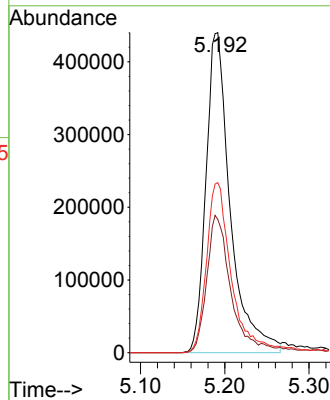
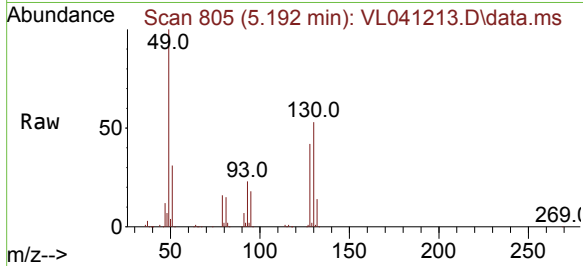
Tgt Ion: 49 Resp: 885143

Ion Ratio Lower Upper

49 100

128 44.2 21.5 64.5

130 57.2 27.2 81.6



#20

Methylene Chloride

Concen: 0.114 ppbv

RT: 3.931 min Scan# 413

Delta R.T. -0.006 min

Lab File: VL041213.D

Acq: 6 May 2024 11:39

Tgt Ion: 84 Resp: 4139

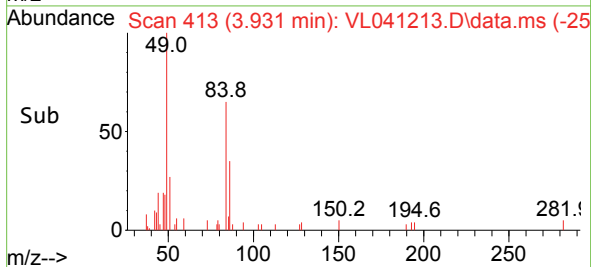
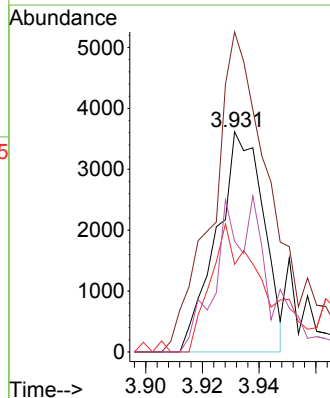
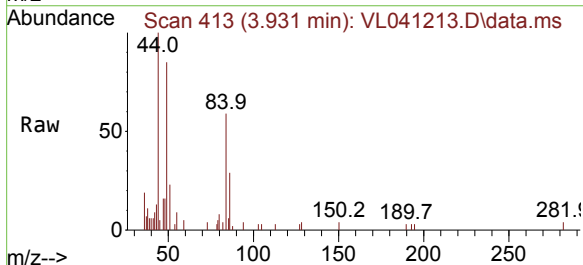
Ion Ratio Lower Upper

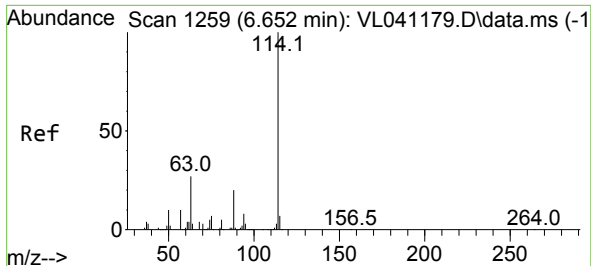
84 100

49 126.2 130.4 195.6#

51 39.9 38.0 57.0

86 50.3 50.3 75.5#

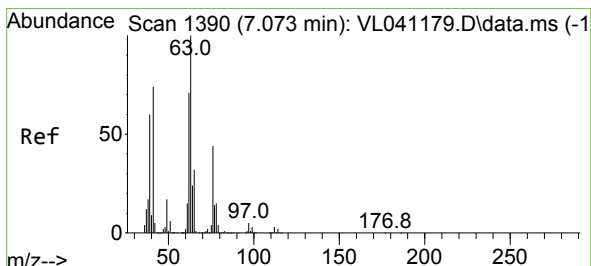
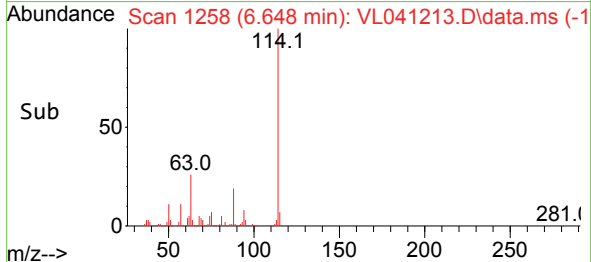
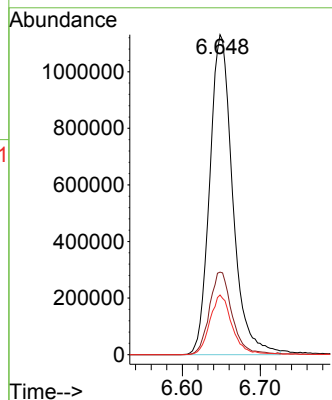
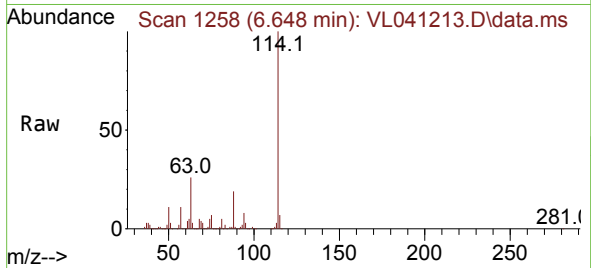




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.648 min Scan# 1258
 Delta R.T. -0.006 min
 Lab File: VL041213.D
 Acq: 6 May 2024 11:39

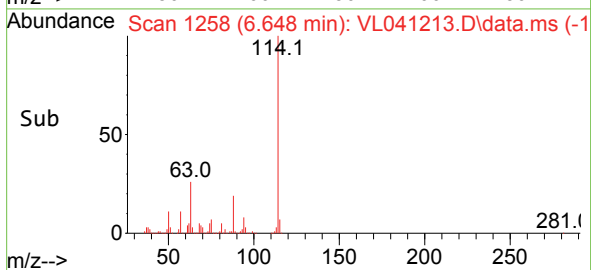
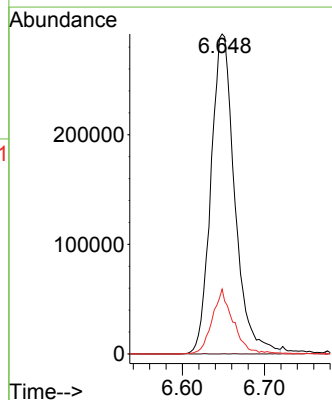
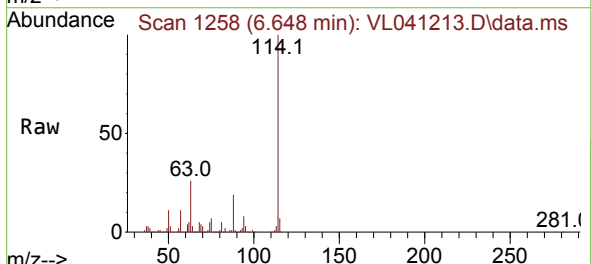
Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

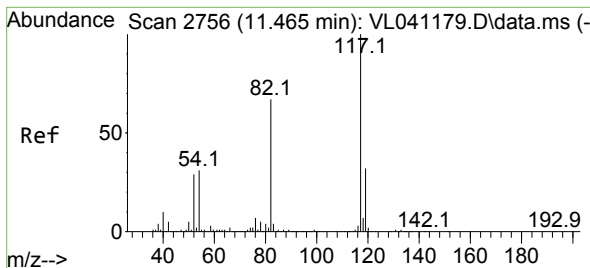
Tgt Ion:114 Resp: 2314600
 Ion Ratio Lower Upper
 114 100
 63 25.8 21.8 32.6
 88 18.3 15.2 22.8



#39
 1,2-Dichloropropane
 Concen: 7.876 ppbv
 RT: 6.648 min Scan# 1258
 Delta R.T. -0.424 min
 Lab File: VL041213.D
 Acq: 6 May 2024 11:39

Tgt Ion: 63 Resp: 589562
 Ion Ratio Lower Upper
 63 100
 41 0.1 59.4 89.0#
 62 20.2 56.8 85.2#

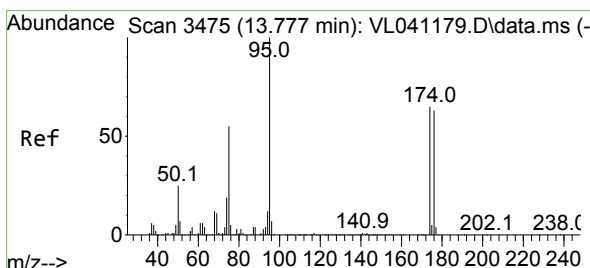
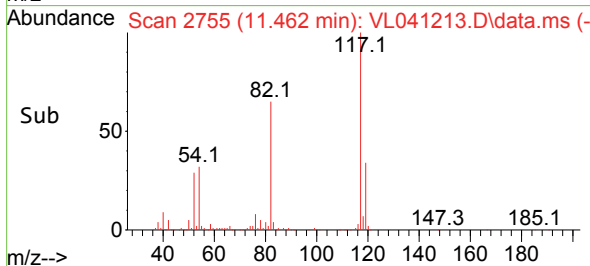
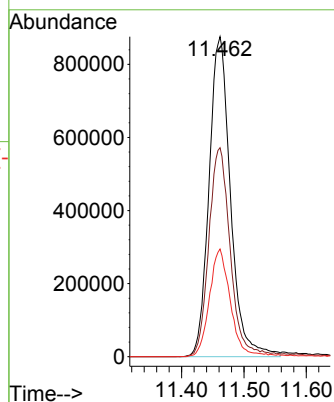
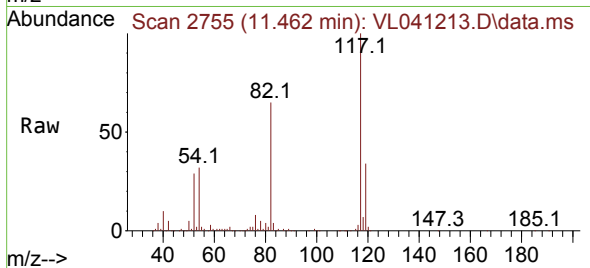




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041213.D
Acq: 6 May 2024 11:39

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 2093677
Ion Ratio Lower Upper
117 100
82 67.0 53.6 80.4
119 33.7 27.2 40.8



#68
1-Bromo-4-Fluorobenzene
Concen: 10.064 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. -0.003 min
Lab File: VL041213.D
Acq: 6 May 2024 11:39

Tgt Ion: 95 Resp: 1590665
Ion Ratio Lower Upper
95 100
174 67.9 53.6 80.4
175 4.8 4.2 6.4

