

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080824\
 Data File : VL041510.D
 Acq On : 8 Aug 2024 13:04
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Aug 09 05:54:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Aug 06 01:32:58 2024
 Response via : Initial Calibration

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

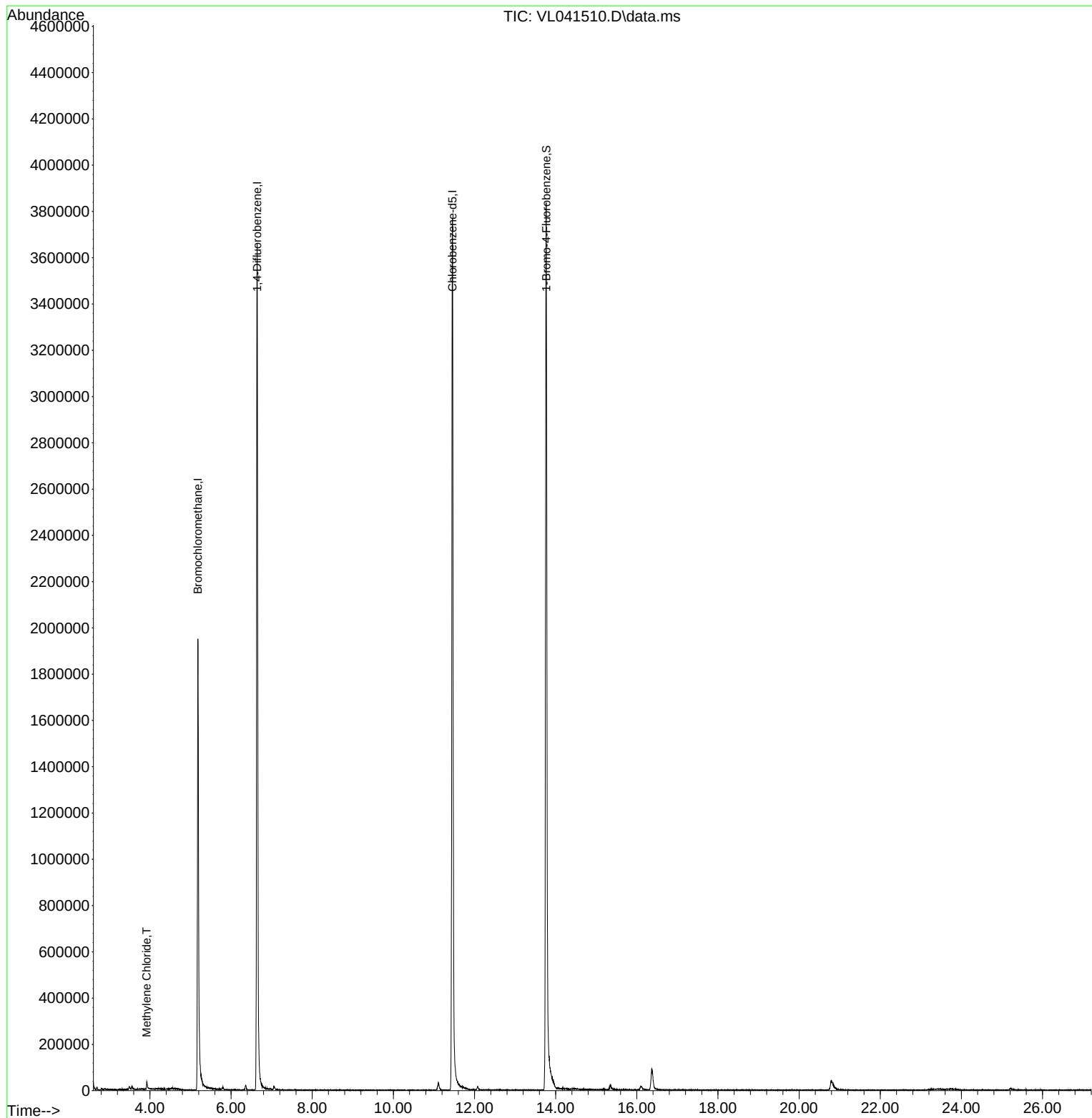
Internal Standards						
1) Bromochloromethane	5.182	49	1002457	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2778923	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2521453	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1916521	9.877	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%
Target Compounds						Qvalue
20) Methylene Chloride	3.922	84	9251	0.218	ppbv	# 74

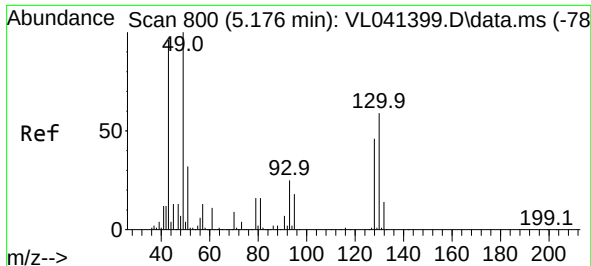
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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Response via : Initial Calibration

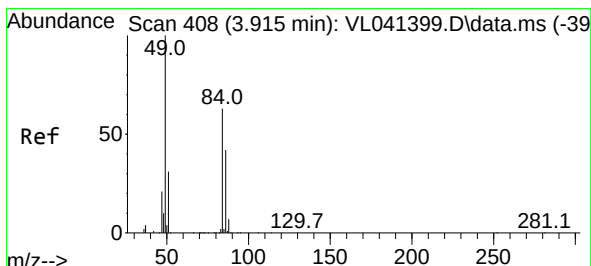
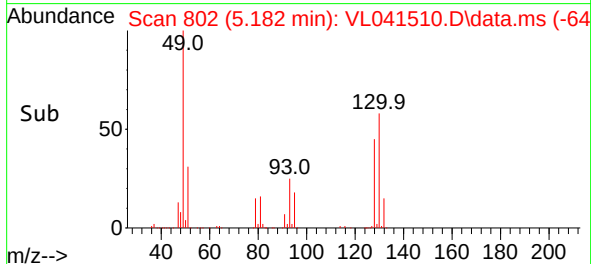
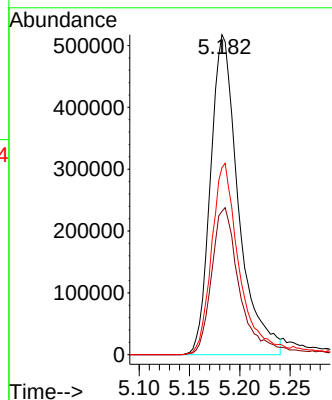
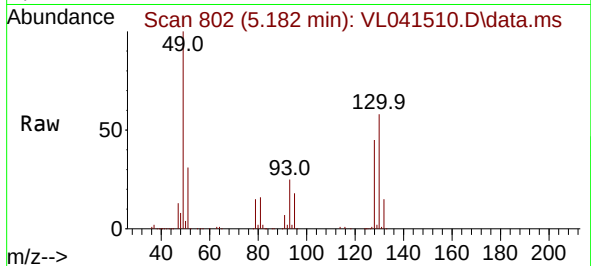




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL041510.D
Acq: 8 Aug 2024 13:04

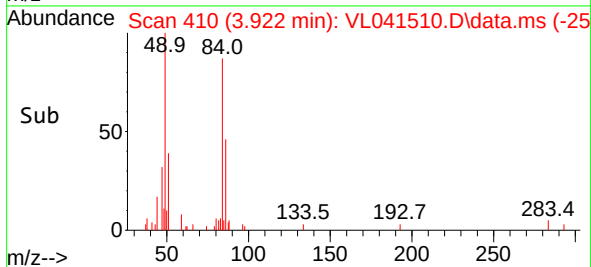
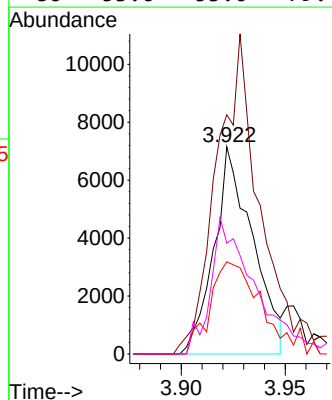
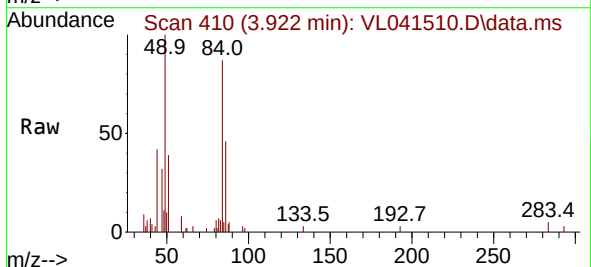
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

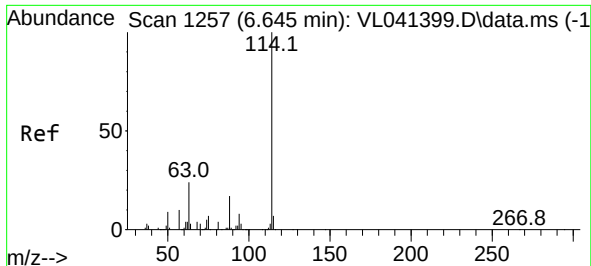
Tgt Ion: 49 Resp: 1002457
Ion Ratio Lower Upper
49 100
128 48.9 23.8 71.4
130 62.1 30.8 92.4



#20
Methylene Chloride
Concen: 0.218 ppbv
RT: 3.922 min Scan# 410
Delta R.T. -0.009 min
Lab File: VL041510.D
Acq: 8 Aug 2024 13:04

Tgt Ion: 84 Resp: 9251
Ion Ratio Lower Upper
84 100
49 111.0 126.6 190.0#
51 44.5 38.6 58.0
86 53.6 53.0 79.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL041510.D

Acq: 8 Aug 2024 13:04

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

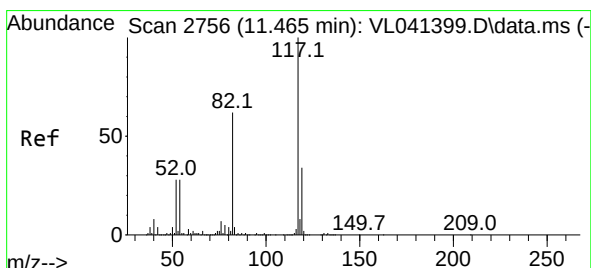
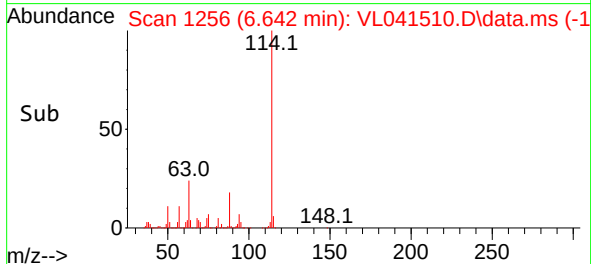
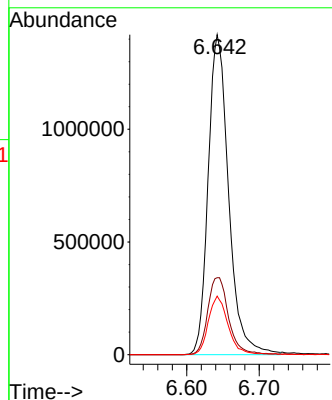
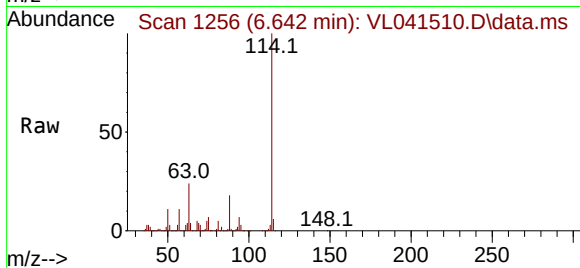
Tgt Ion:114 Resp: 2778923

Ion Ratio Lower Upper

114 100

63 24.9 20.3 30.5

88 17.8 14.3 21.5



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.455 min Scan# 2753

Delta R.T. -0.006 min

Lab File: VL041510.D

Acq: 8 Aug 2024 13:04

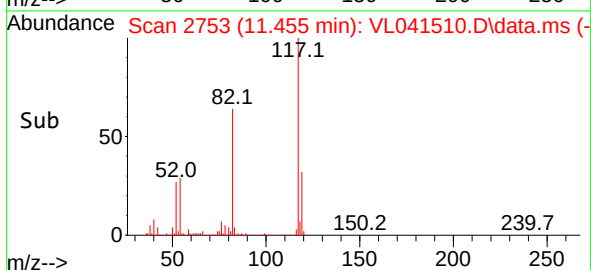
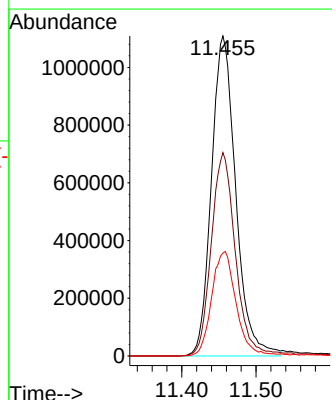
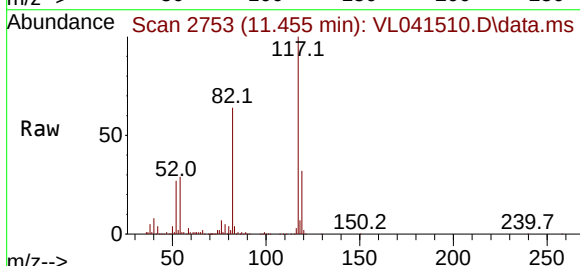
Tgt Ion:117 Resp: 2521453

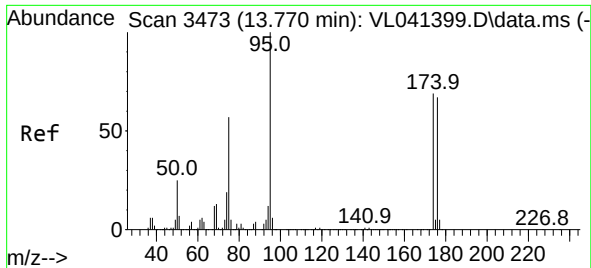
Ion Ratio Lower Upper

117 100

82 64.4 51.0 76.6

119 33.1 45.2 67.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.877 ppbv
RT: 13.767 min Scan# 34
Delta R.T. 0.000 min
Lab File: VL041510.D
Acq: 8 Aug 2024 13:04

Instrument :
MSVOA_L
ClientSampleId :
VIBLK

Tgt Ion: 95 Resp: 1916521
Ion Ratio Lower Upper
95 100
174 71.9 56.3 84.5
175 5.2 4.0 6.0

