

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021523\
 Data File : VL040176.D
 Acq On : 15 Feb 2023 15:11
 Operator : SY/MD
 Sample : VIBLK
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Feb 16 04:21:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Feb 15 17:01:01 2023
 Response via : Initial Calibration

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

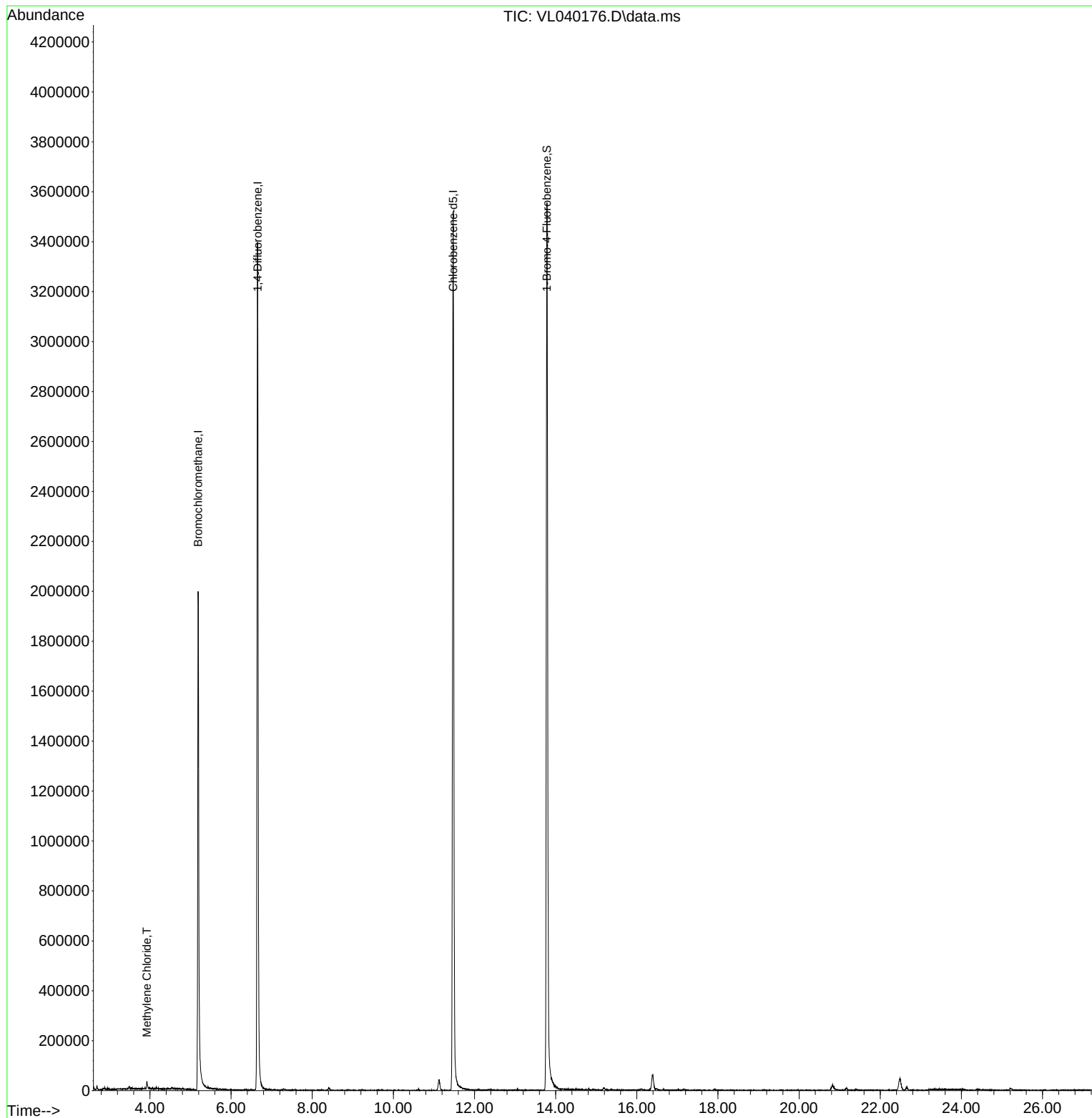
Internal Standards						
1) Bromochloromethane	5.189	49	978696	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2563163	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2259997	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1834975	9.874	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.700%
Target Compounds						
20) Methylene Chloride	3.925	84	9196	0.150	ppbv	Qvalue 93

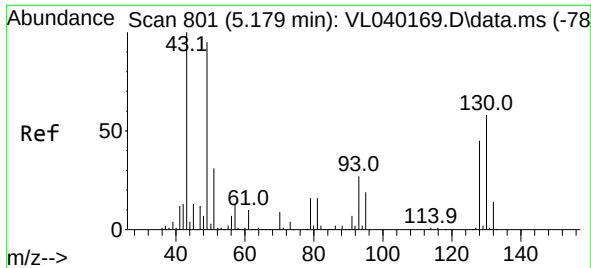
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

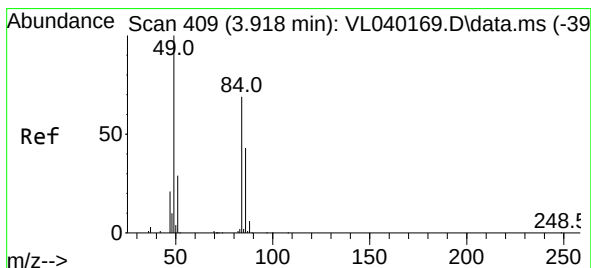
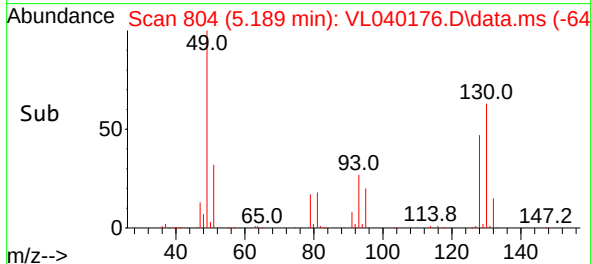
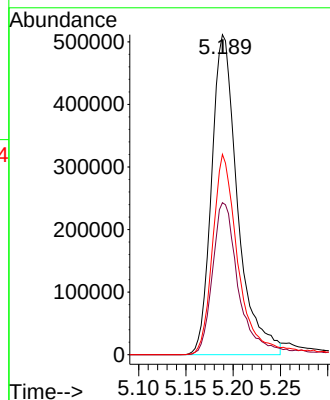
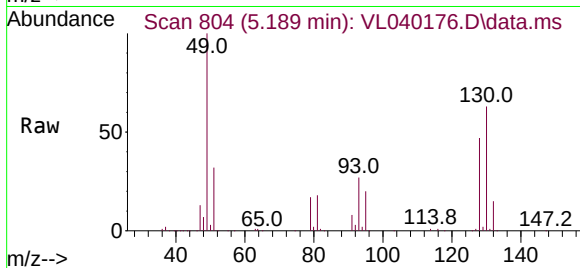




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 801
Delta R.T. 0.010 min
Lab File: VL040176.D
Acq: 15 Feb 2023 15:11

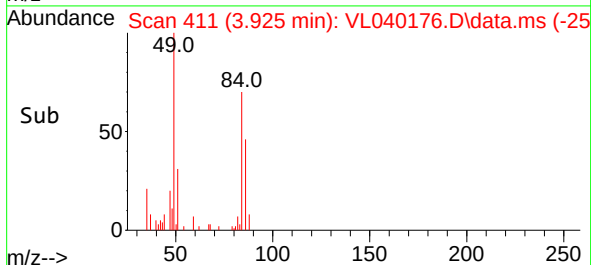
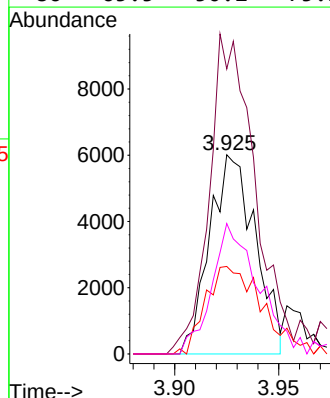
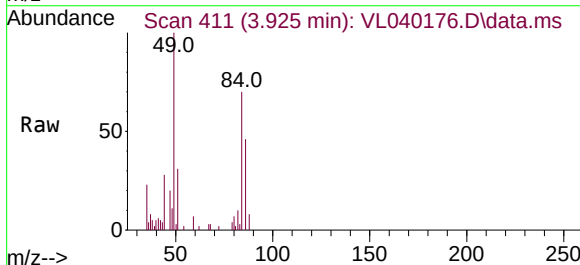
Instrument :
MSVOA_L
ClientSampleId :
VIBLK

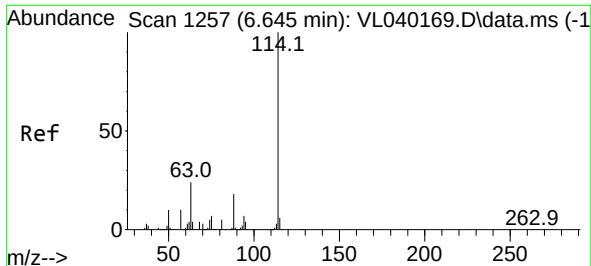
Tgt Ion: 49 Resp: 978696
Ion Ratio Lower Upper
49 100
128 49.7 24.1 72.3
130 63.3 30.9 92.8



#20
Methylene Chloride
Concen: 0.150 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.006 min
Lab File: VL040176.D
Acq: 15 Feb 2023 15:11

Tgt Ion: 84 Resp: 9196
Ion Ratio Lower Upper
84 100
49 130.9 115.5 173.3
51 41.4 33.1 49.7
86 65.5 50.2 75.2





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 11

Delta R.T. 0.006 min

Lab File: VL040176.D

Acq: 15 Feb 2023 15:11

Instrument :

MSVOA_L

ClientSampleId :

VIBLK

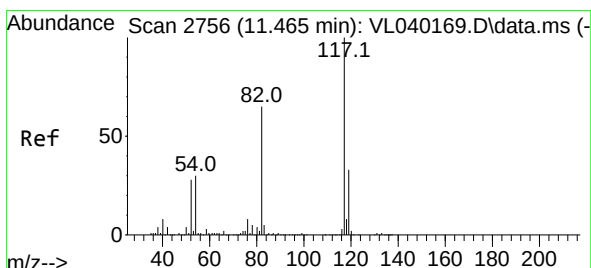
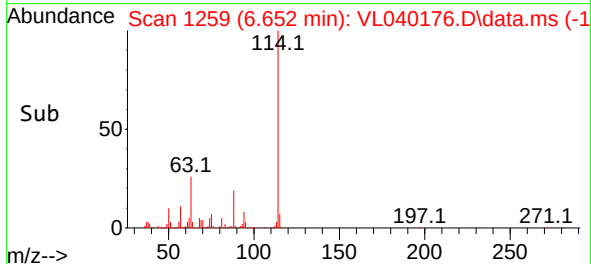
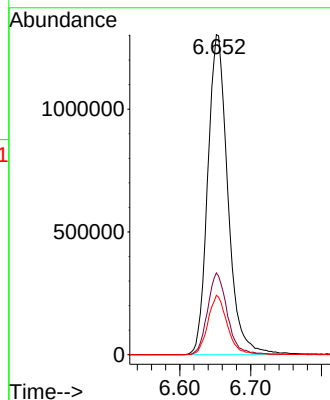
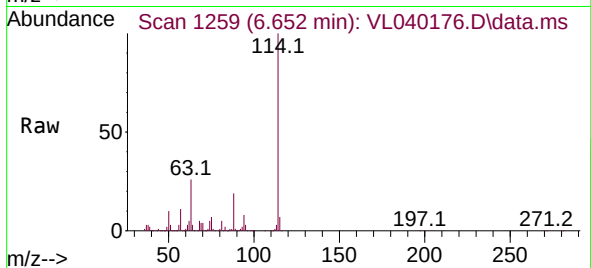
Tgt Ion:114 Resp: 2563163

Ion Ratio Lower Upper

114 100

63 25.4 20.4 30.6

88 18.0 14.3 21.5



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 2758

Delta R.T. 0.006 min

Lab File: VL040176.D

Acq: 15 Feb 2023 15:11

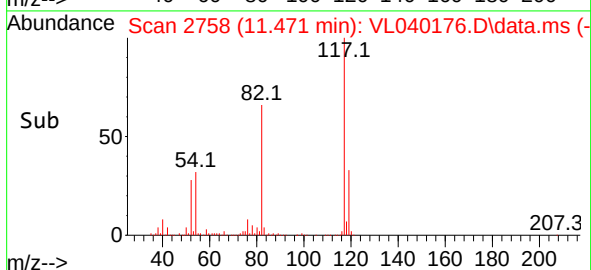
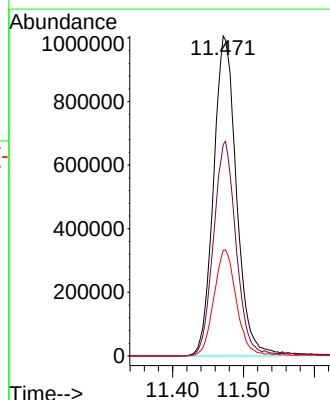
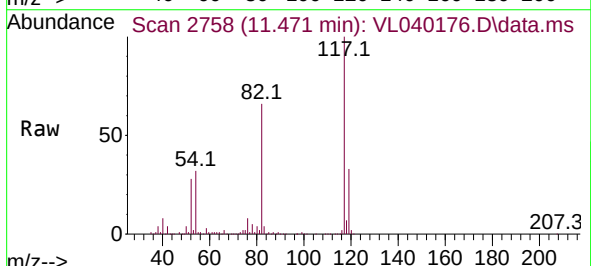
Tgt Ion:117 Resp: 2259997

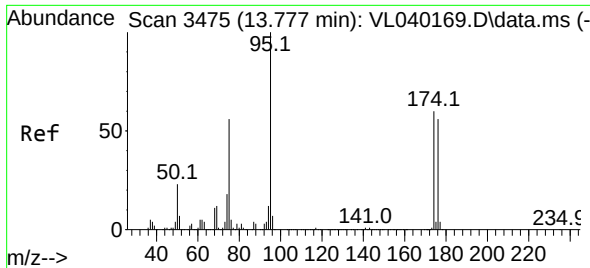
Ion Ratio Lower Upper

117 100

82 67.5 53.3 79.9

119 33.2 24.6 37.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.874 ppbv
 RT: 13.786 min Scan# 3475
 Delta R.T. 0.010 min
 Lab File: VL040176.D
 Acq: 15 Feb 2023 15:11

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Tgt Ion: 95 Resp: 1834975
 Ion Ratio Lower Upper
 95 100
 174 60.3 48.2 72.2
 175 4.2 3.4 5.2

