

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110823\
 Data File : VL040818.D
 Acq On : 8 Nov 2023 19:51
 Operator : SY/MD
 Sample : QC110223 CAN 10054
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC110223 CAN 10054

Quant Time: Nov 09 00:32:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 09 00:25:02 2023
 Response via : Initial Calibration

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

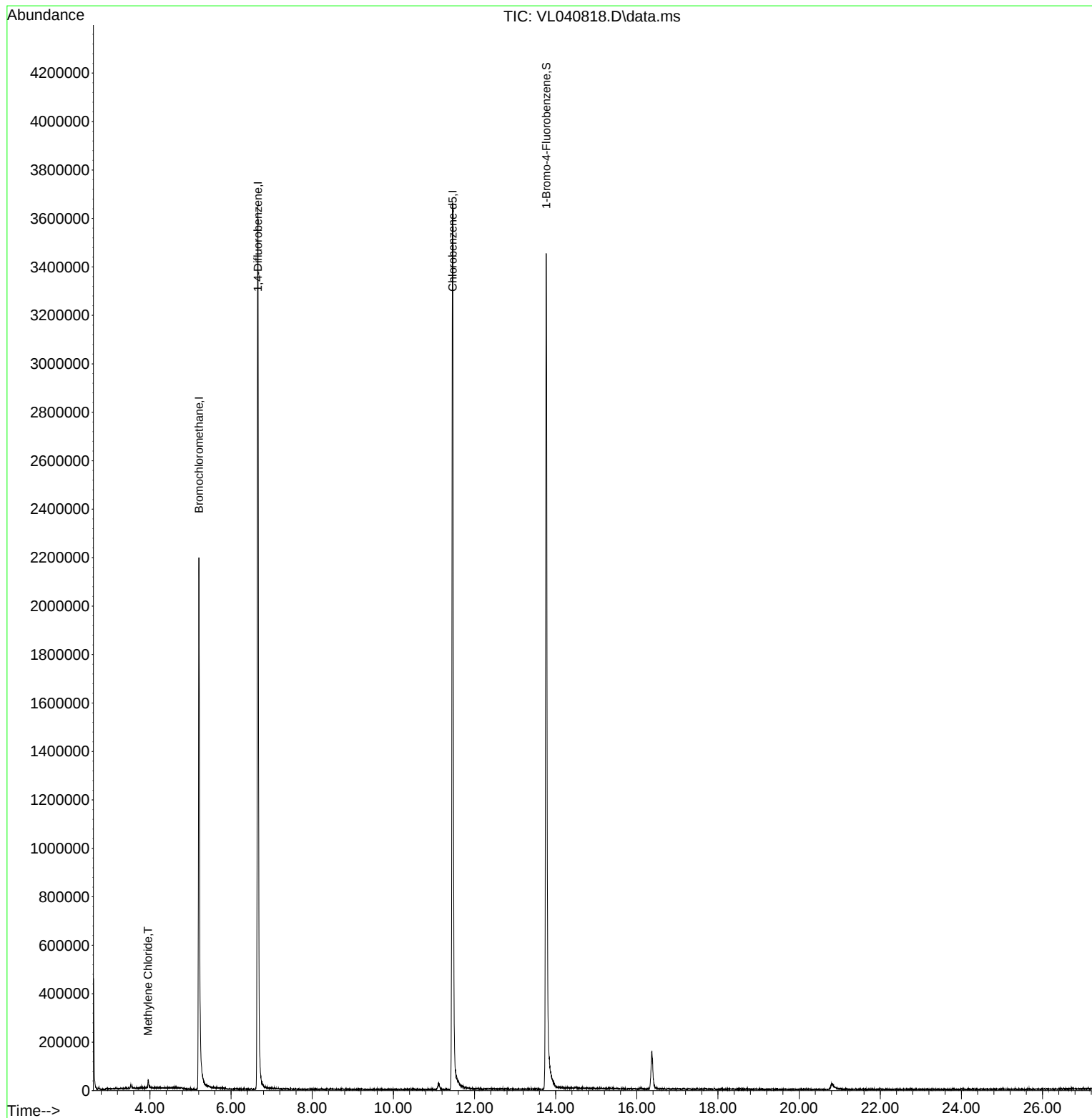
Internal Standards						
1) Bromochloromethane	5.208	49	1140006	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.661	114	2800502	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2452638	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1815812	10.062	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.600%
Target Compounds						
20) Methylene Chloride	3.954	84	10152	0.207	ppbv	Qvalue # 78

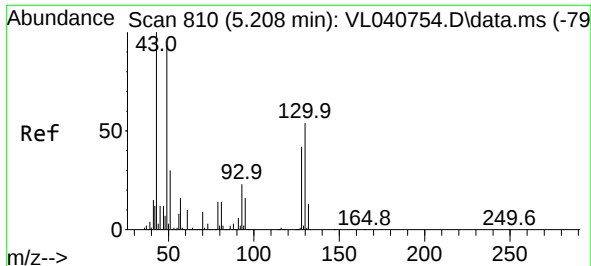
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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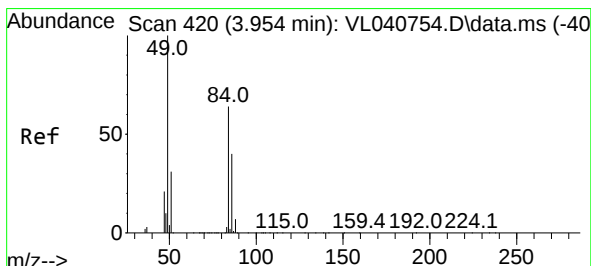
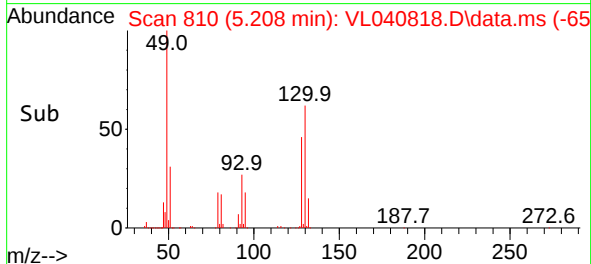
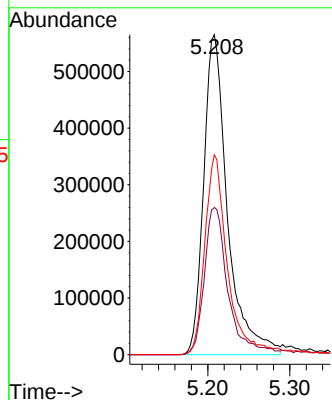
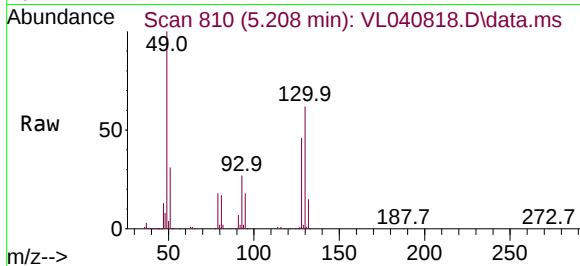




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.000 min
Lab File: VL040818.D
Acq: 8 Nov 2023 19:51

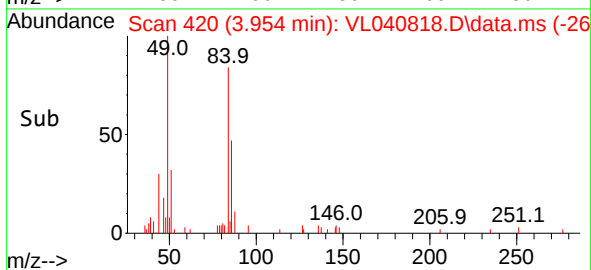
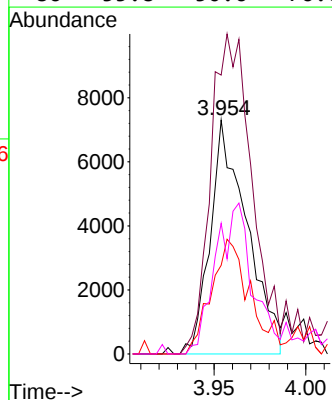
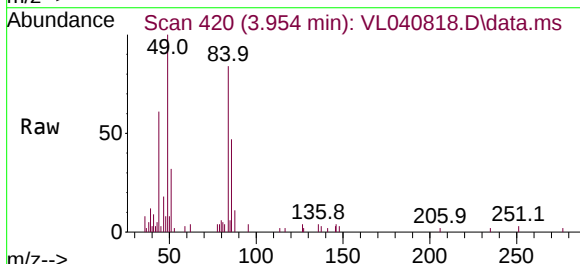
Instrument :
MSVOA_L
ClientSampleId :
QC110223 CAN 10054

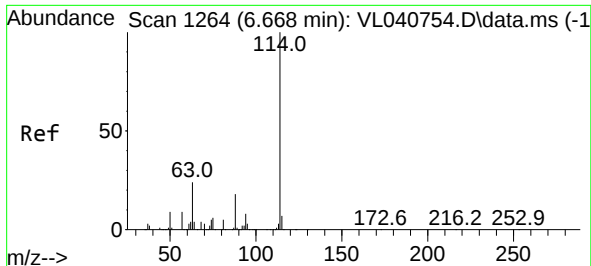
Tgt Ion: 49 Resp: 1140006
Ion Ratio Lower Upper
49 100
128 46.9 23.9 71.7
130 61.6 30.7 92.1



#20
Methylene Chloride
Concen: 0.207 ppbv
RT: 3.954 min Scan# 420
Delta R.T. -0.006 min
Lab File: VL040818.D
Acq: 8 Nov 2023 19:51

Tgt Ion: 84 Resp: 10152
Ion Ratio Lower Upper
84 100
49 119.2 125.6 188.4#
51 37.9 38.9 58.3#
86 55.8 50.6 76.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.661 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040818.D

Acq: 8 Nov 2023 19:51

Instrument :

MSVOA_L

ClientSampleId :

QC110223 CAN 10054

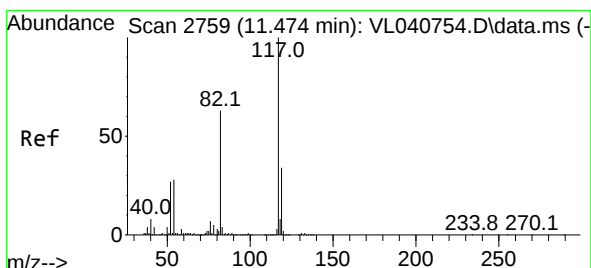
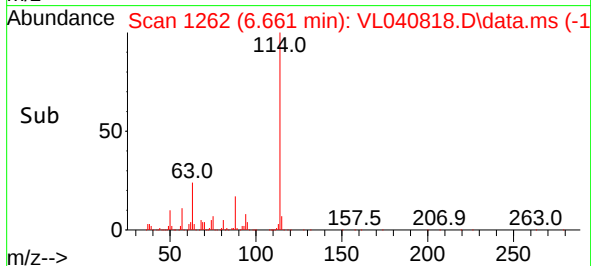
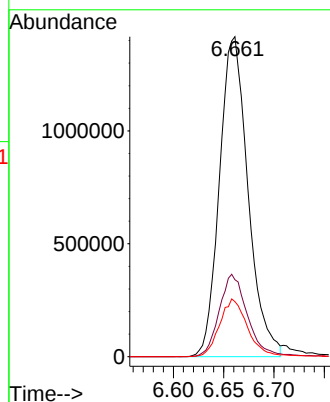
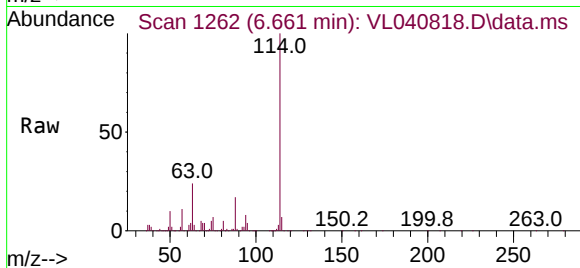
Tgt Ion:114 Resp: 2800502

Ion Ratio Lower Upper

114 100

63 25.9 19.8 29.6

88 18.0 14.2 21.2



#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 2755

Delta R.T. 0.000 min

Lab File: VL040818.D

Acq: 8 Nov 2023 19:51

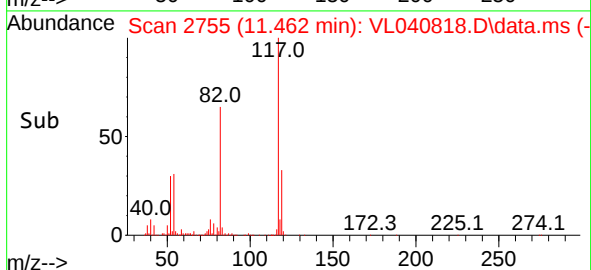
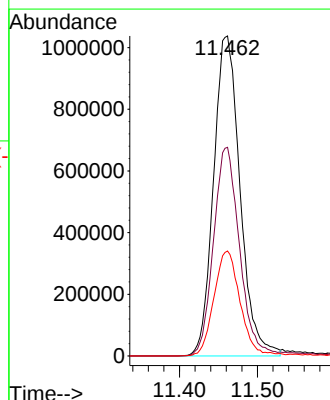
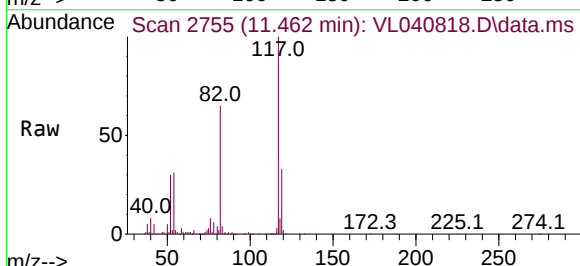
Tgt Ion:117 Resp: 2452638

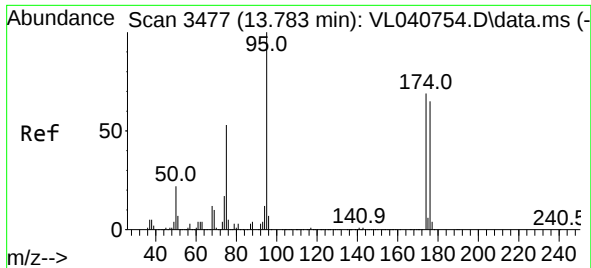
Ion Ratio Lower Upper

117 100

82 65.7 46.6 70.0

119 32.9 26.0 39.0





#68

1-Bromo-4-Fluorobenzene

Concen: 10.062 ppbv

RT: 13.767 min Scan# 34

Delta R.T. -0.003 min

Lab File: VL040818.D

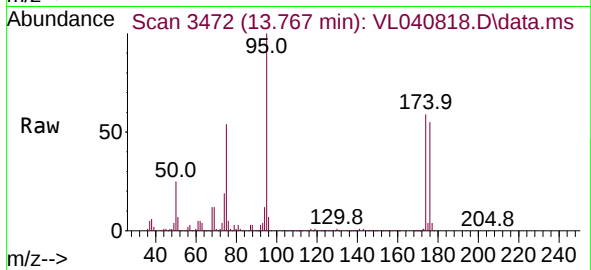
Acq: 8 Nov 2023 19:51

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Tgt Ion: 95 Resp: 1815812

Ion Ratio Lower Upper

95 100

174 60.8 54.7 82.1

175 4.8 4.2 6.4

