

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL100423\
 Data File : VL040742.D
 Acq On : 4 Oct 2023 16:13
 Operator : SY/MD
 Sample : QC100323 CAN 10333
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC100323 CAN 10333

Quant Time: Oct 05 04:27:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 19 05:12:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	1077338	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.645	114	3029227	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.452	117	2461582	10.000	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.760	95	1808725	9.510	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.100%

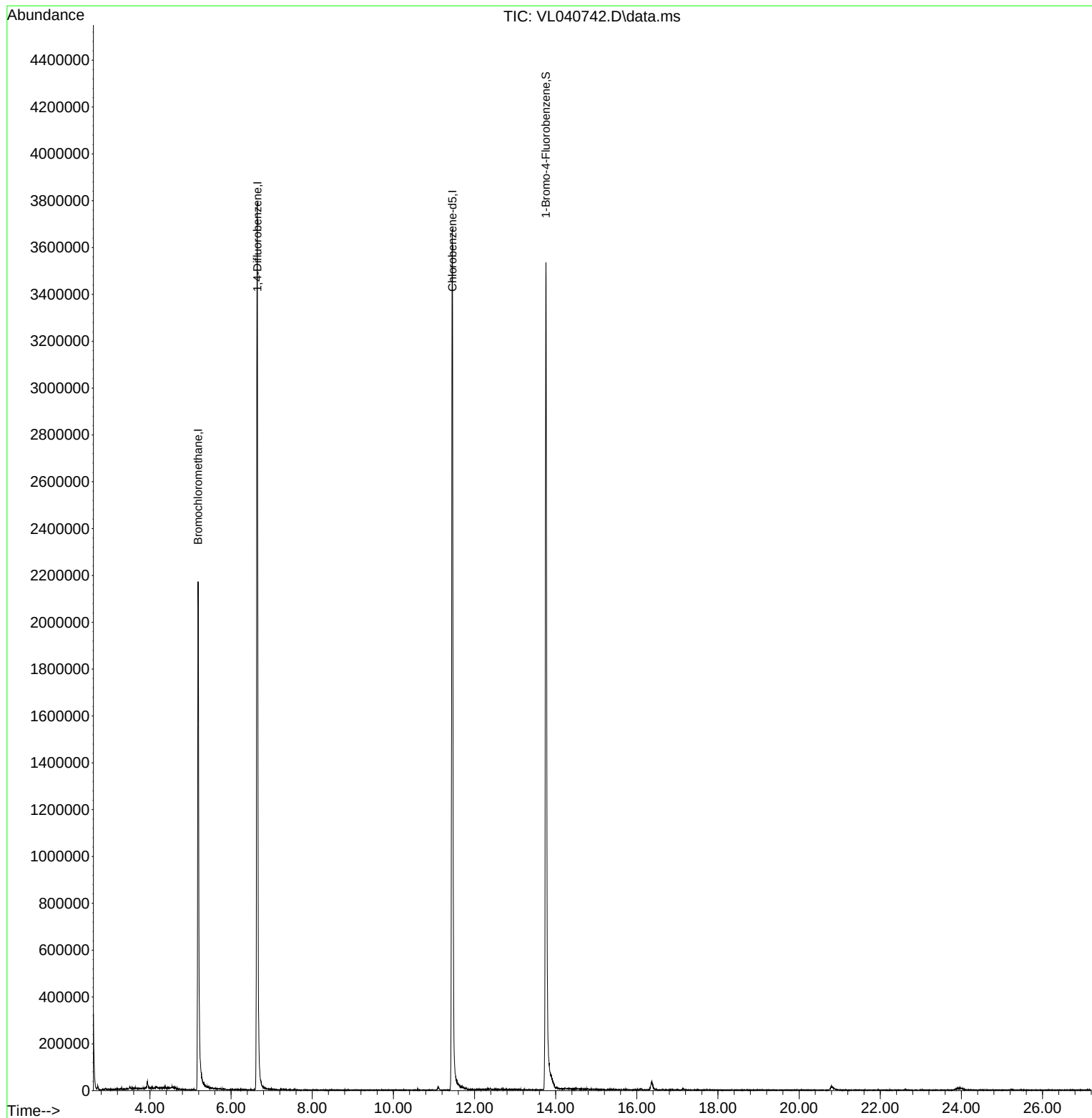
Target Compounds	Qvalue

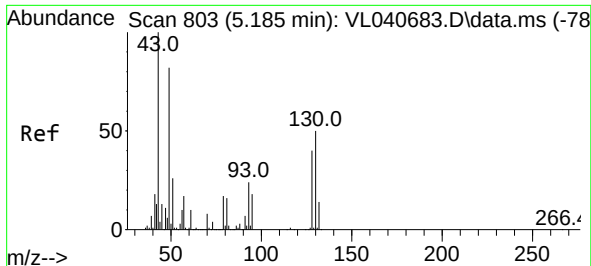
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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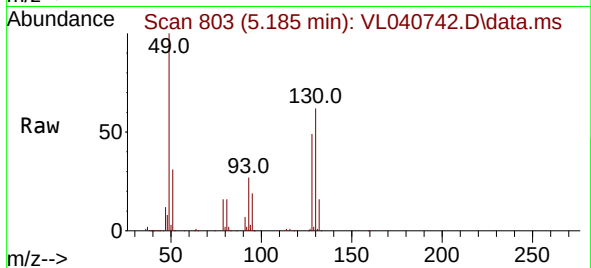
Quant Time: Oct 05 04:27:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
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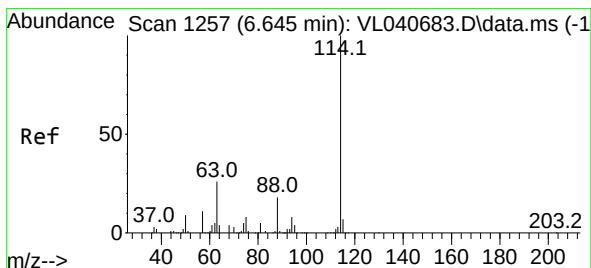
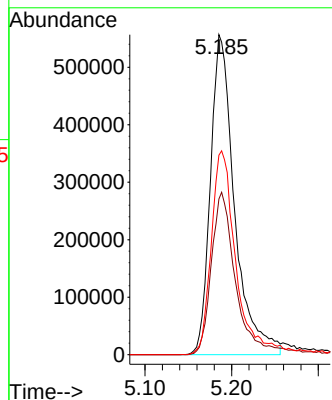
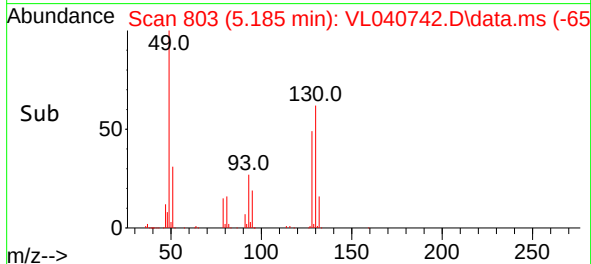
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.185 min Scan# 803
 Delta R.T. -0.013 min
 Lab File: VL040742.D
 Acq: 4 Oct 2023 16:13

Instrument :
 MSVOA_L
 ClientSampleId :
 QC100323 CAN 10333



Tgt Ion: 49 Resp: 1077338

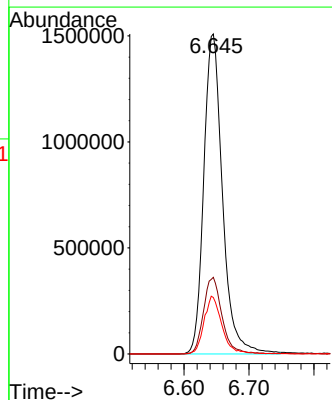
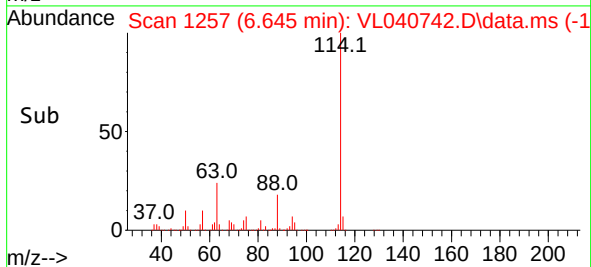
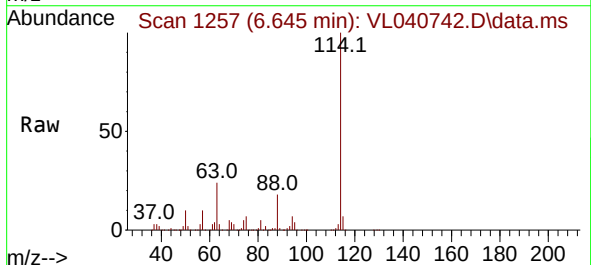
Ion	Ratio	Lower	Upper
49	100		
128	53.6	25.4	76.0
130	66.0	32.3	96.8

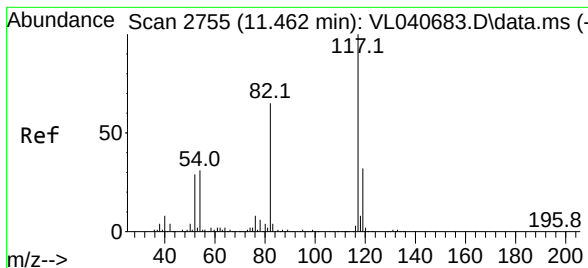


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.645 min Scan# 1257
 Delta R.T. -0.016 min
 Lab File: VL040742.D
 Acq: 4 Oct 2023 16:13

Tgt Ion: 114 Resp: 3029227

Ion	Ratio	Lower	Upper
114	100		
63	24.0	21.1	31.7
88	17.4	14.5	21.7





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.452 min Scan# 21

Delta R.T. -0.026 min

Lab File: VL040742.D

Acq: 4 Oct 2023 16:13

Instrument :

MSVOA_1

ClientSampleId :

QC100323 CAN 10333

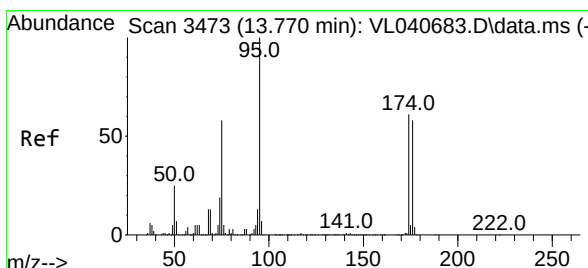
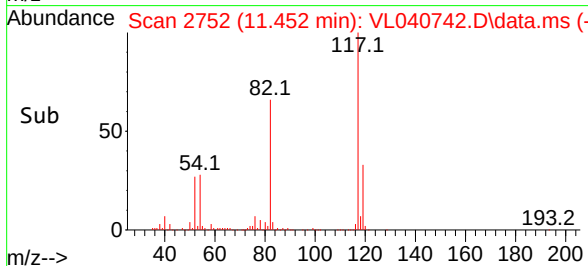
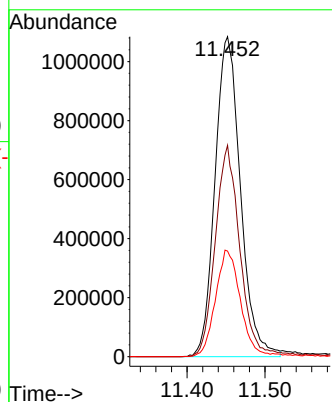
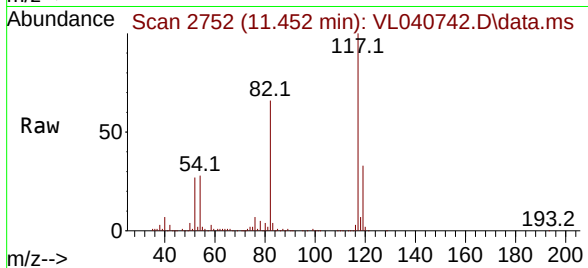
Tgt Ion:117 Resp: 2461582

Ion Ratio Lower Upper

117 100

82 64.0 51.4 77.0

119 33.1 24.7 37.1



#68

1-Bromo-4-Fluorobenzene

Concen: 9.510 ppbv

RT: 13.760 min Scan# 3470

Delta R.T. -0.026 min

Lab File: VL040742.D

Acq: 4 Oct 2023 16:13

Tgt Ion: 95 Resp: 1808725

Ion Ratio Lower Upper

95 100

174 66.1 48.9 73.3

175 4.8 3.5 5.3

