

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL010923\
 Data File : VL040072.D
 Acq On : 9 Jan 2023 12:38
 Operator : SY/MD
 Sample : VL0109ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0109ABL01

Quant Time: Jan 10 00:22:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Jan 10 00:22:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.188	49	1156449	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.651	114	3289914	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2910920	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.786	95	2284112	10.272	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.700%

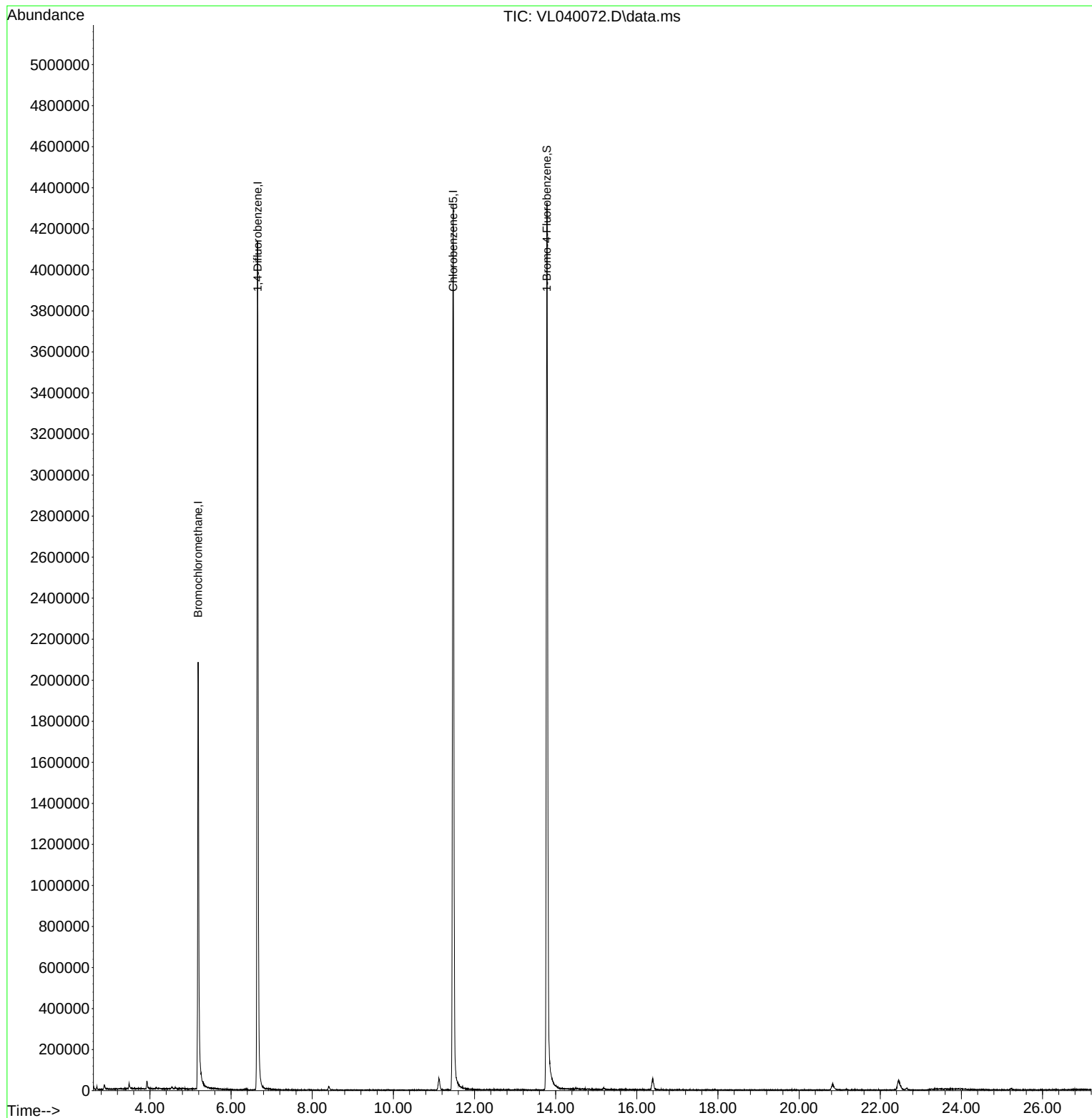
Target Compounds	Qvalue

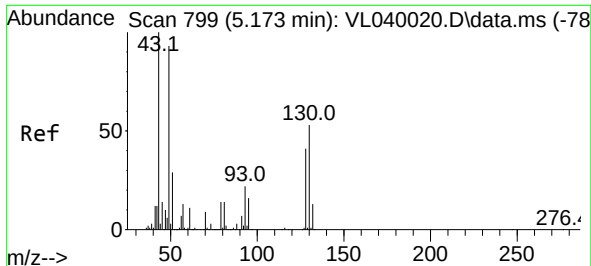
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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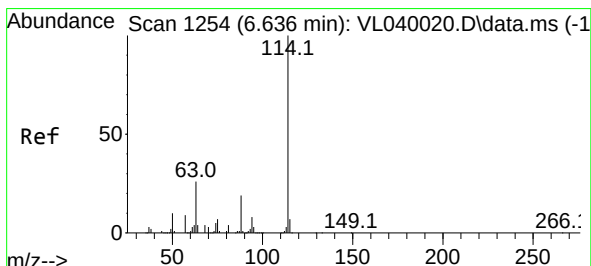
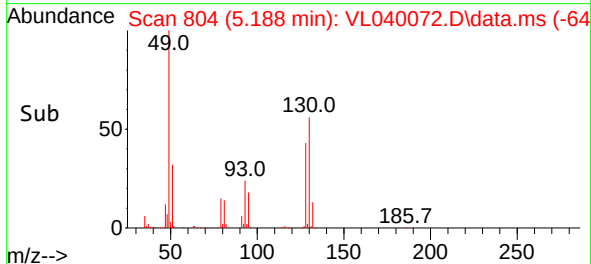
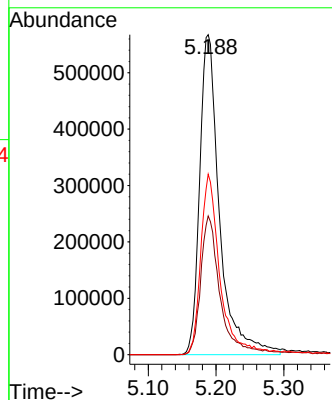
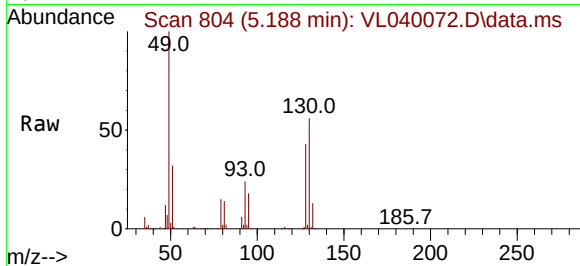




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.188 min Scan# 804
Delta R.T. 0.003 min
Lab File: VL040072.D
Acq: 9 Jan 2023 12:38

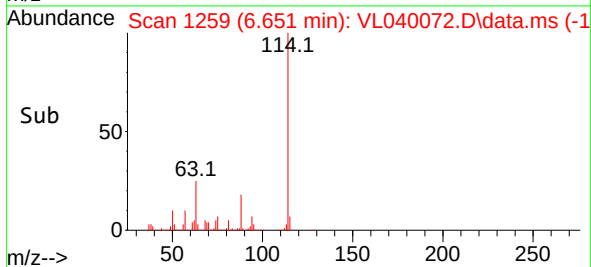
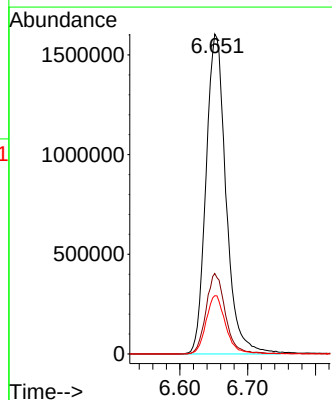
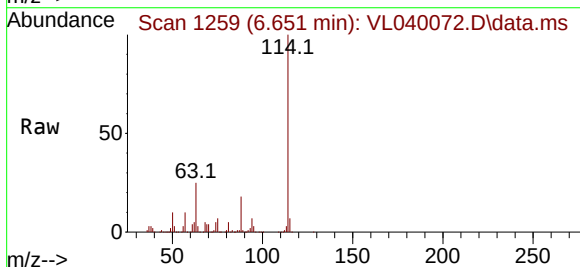
Instrument :
MSVOA_L
ClientSampleId :
VL0109ABL01

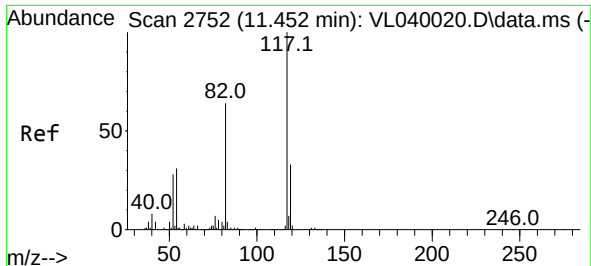
Tgt Ion: 49 Resp: 1156449
Ion Ratio Lower Upper
49 100
128 43.5 22.4 67.3
130 56.3 28.9 86.8



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.651 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VL040072.D
Acq: 9 Jan 2023 12:38

Tgt Ion: 114 Resp: 3289914
Ion Ratio Lower Upper
114 100
63 24.7 20.2 30.2
88 18.0 14.6 21.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL040072.D

Acq: 9 Jan 2023 12:38

Instrument :

MSVOA_L

ClientSampleId :

VL0109ABL01

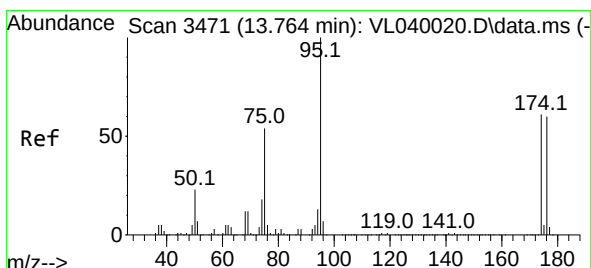
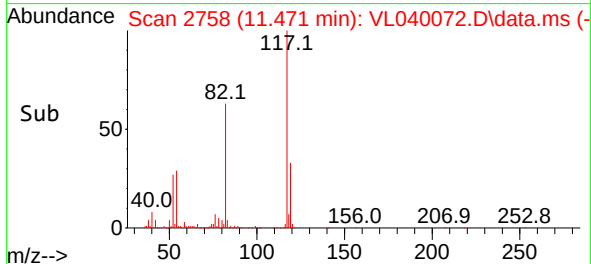
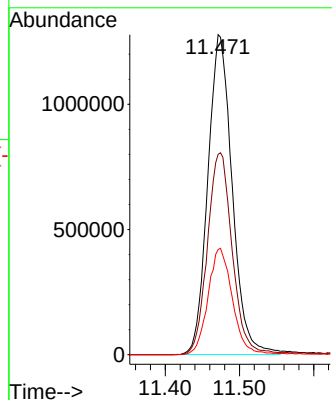
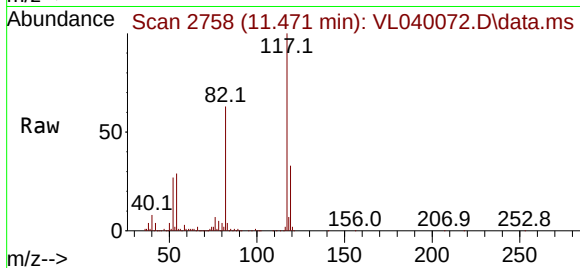
Tgt Ion:117 Resp: 2910920

Ion Ratio Lower Upper

117 100

82 65.2 51.2 76.8

119 34.0 23.2 34.8



#68

1-Bromo-4-Fluorobenzene

Concen: 10.272 ppbv

RT: 13.786 min Scan# 3478

Delta R.T. -0.000 min

Lab File: VL040072.D

Acq: 9 Jan 2023 12:38

Tgt Ion: 95 Resp: 2284112

Ion Ratio Lower Upper

95 100

174 64.1 48.6 73.0

175 4.5 3.4 5.2

