

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122223\
 Data File : VL040957.D
 Acq On : 22 Dec 2023 12:44
 Operator : SY/MD
 Sample : QC112723 CAN 10283
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 QC112723 CAN 10283

Quant Time: Dec 23 01:20:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Fri Dec 22 23:57:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1095395	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2789568	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2341958	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.744	95	1694252	9.821	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.200%

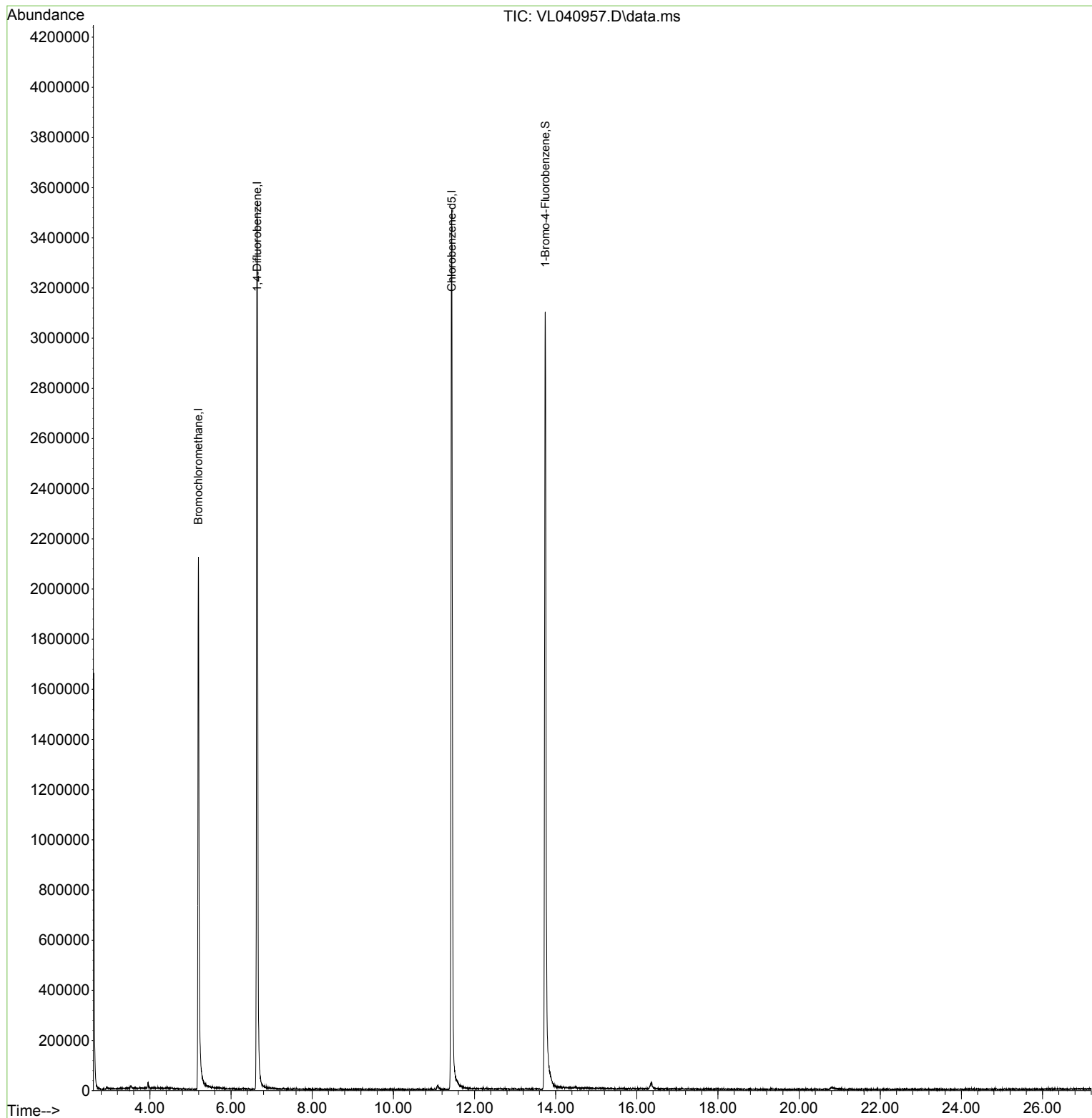
Target Compounds	Qvalue

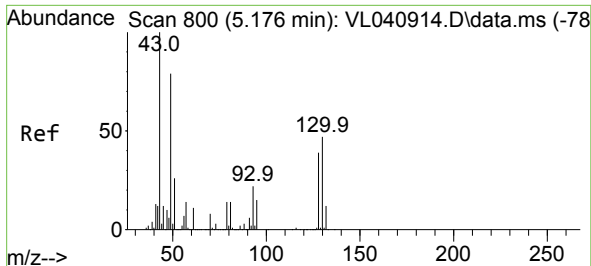
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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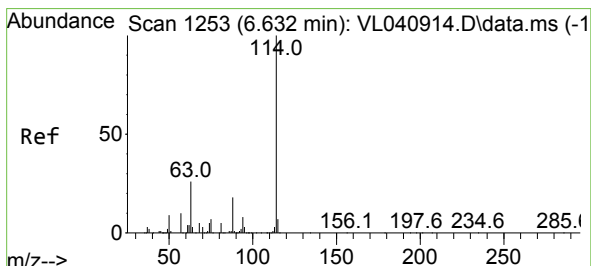
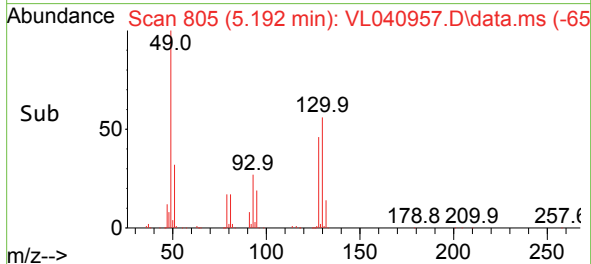
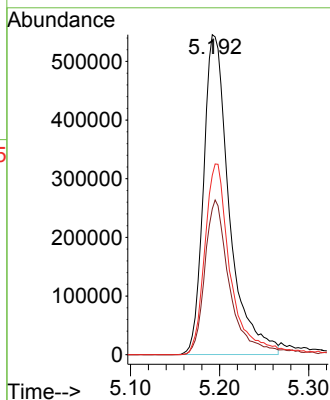
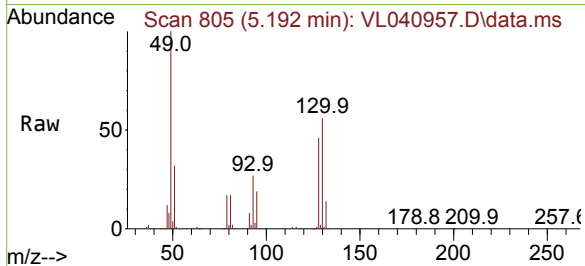




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 800
Delta R.T. -0.003 min
Lab File: VL040957.D
Acq: 22 Dec 2023 12:44

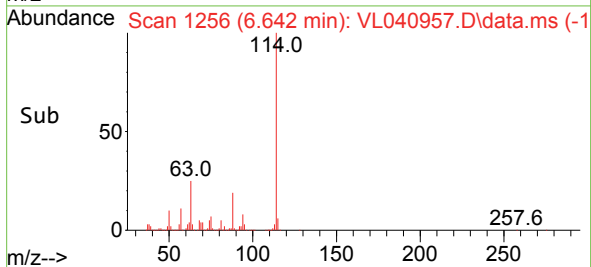
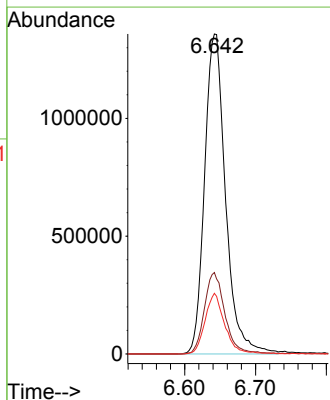
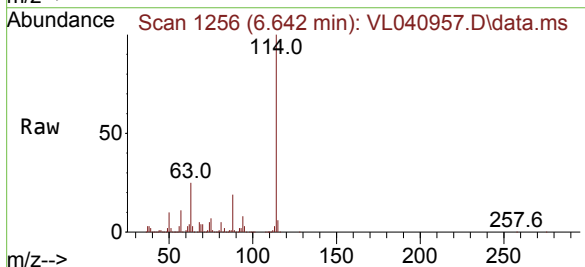
Instrument :
MSVOA_L
ClientSampleId :
QC112723 CAN 10283

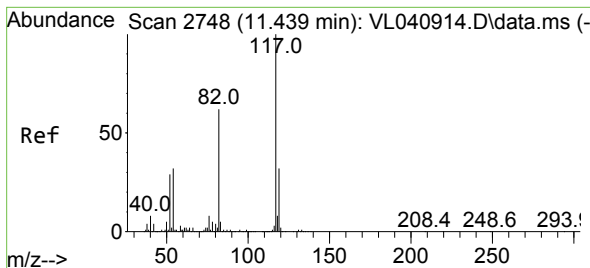
Tgt Ion: 49 Resp: 1095395
Ion Ratio Lower Upper
49 100
128 48.9 23.8 71.2
130 61.4 30.1 90.5



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. -0.000 min
Lab File: VL040957.D
Acq: 22 Dec 2023 12:44

Tgt Ion: 114 Resp: 2789568
Ion Ratio Lower Upper
114 100
63 25.3 21.0 31.6
88 18.0 14.3 21.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.439 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040957.D

Acq: 22 Dec 2023 12:44

Instrument :

MSVOA_L

ClientSampleId :

QC112723 CAN 10283

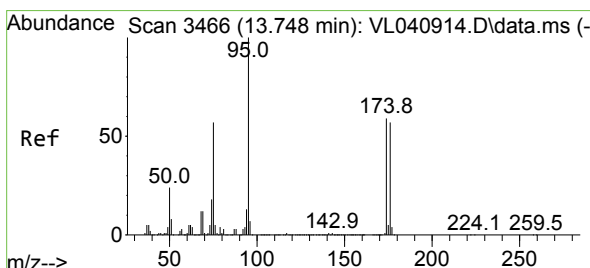
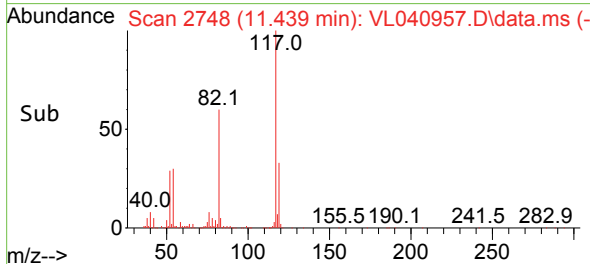
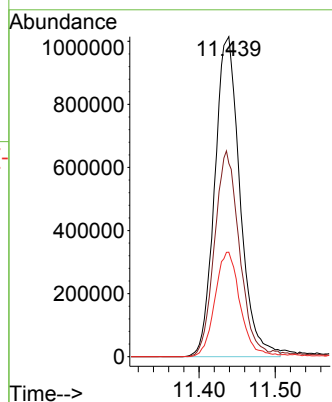
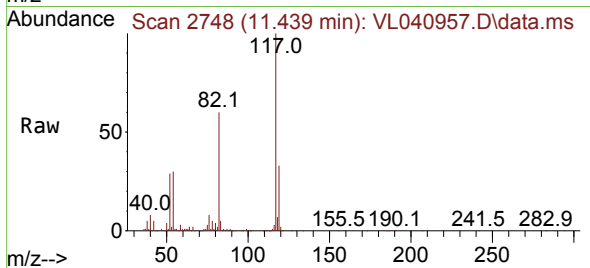
Tgt Ion:117 Resp: 2341958

Ion Ratio Lower Upper

117 100

82 65.9 49.6 74.4

119 33.2 23.4 35.0



#68

1-Bromo-4-Fluorobenzene

Concen: 9.821 ppbv

RT: 13.744 min Scan# 3465

Delta R.T. 0.006 min

Lab File: VL040957.D

Acq: 22 Dec 2023 12:44

Tgt Ion: 95 Resp: 1694252

Ion Ratio Lower Upper

95 100

174 62.3 48.0 72.0

175 4.9 3.7 5.5

