

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 :

Quant Time: Dec 23 01:20:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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)

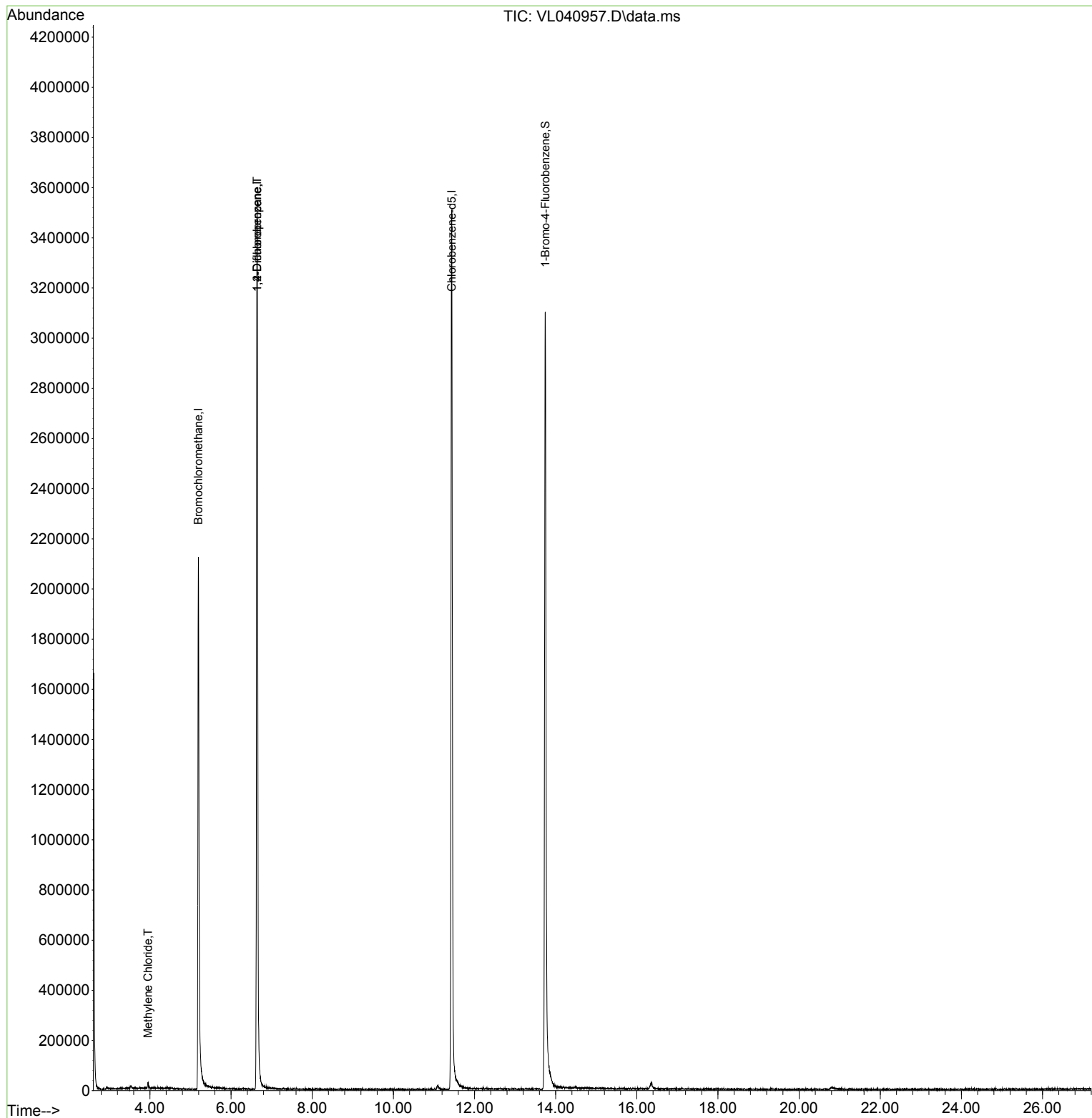
Internal Standards						
1) Bromochloromethane	5.192	49	1095395	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2789568	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2341958	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.744	95	1694252	9.821	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.200%
Target Compounds						
					Qvalue	
20) Methylene Chloride	3.954	84	5447	0.116	ppbv	92
39) 1,2-Dichloropropane	6.642	63	688616	8.036	ppbv #	24

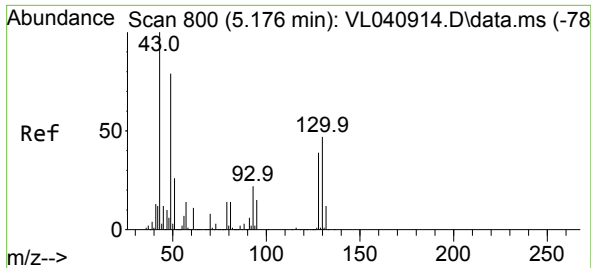
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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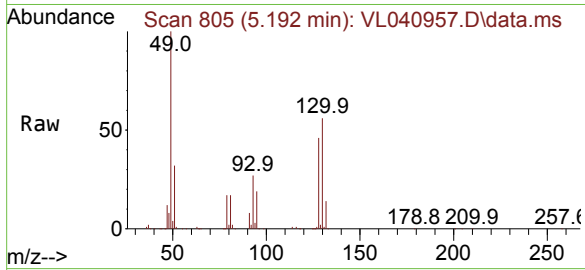
Quant Time: Dec 23 01:20:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
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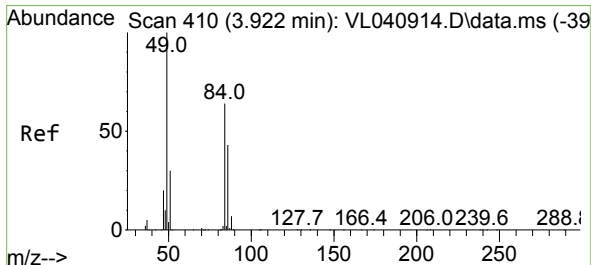
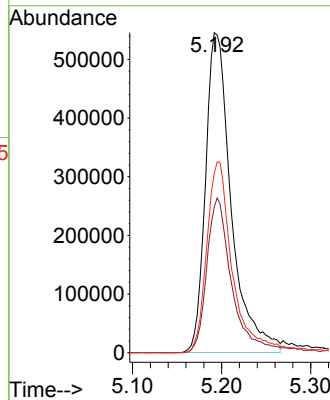
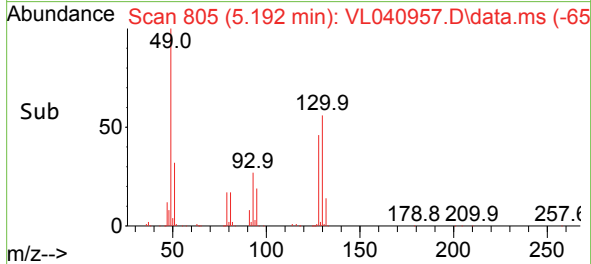


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL040957.D
Acq: 22 Dec 2023 12:44

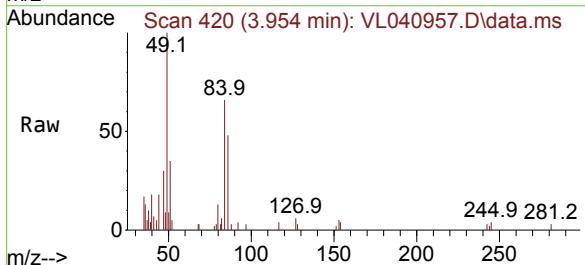
Instrument :
MSVOA_L
ClientSampleId :



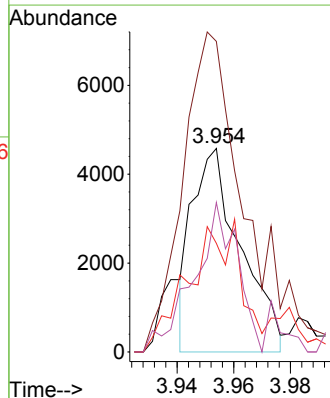
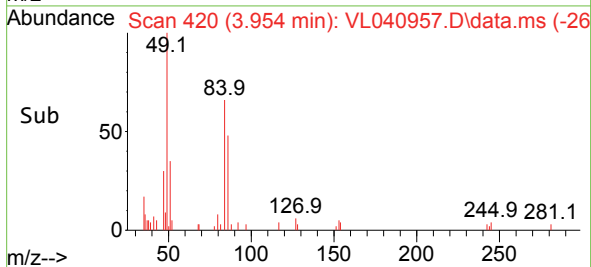
Tgt Ion: 49 Resp: 1095395
Ion Ratio Lower Upper
49 100
128 48.9 23.8 71.2
130 61.4 30.1 90.5

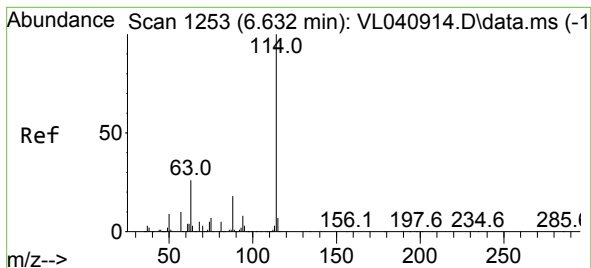


#20
Methylene Chloride
Concen: 0.116 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.003 min
Lab File: VL040957.D
Acq: 22 Dec 2023 12:44



Tgt Ion: 84 Resp: 5447
Ion Ratio Lower Upper
84 100
49 142.8 124.6 187.0
51 40.2 37.2 55.8
86 69.7 53.4 80.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL040957.D

Acq: 22 Dec 2023 12:44

Instrument :

MSVOA_L

ClientSampleId :

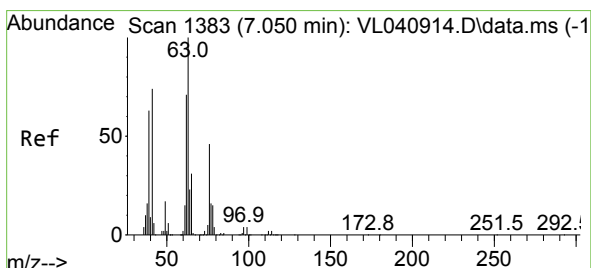
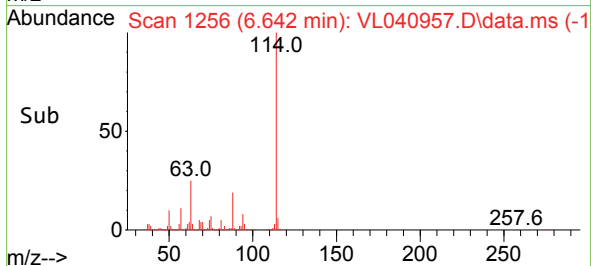
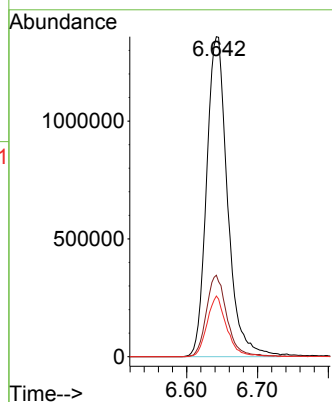
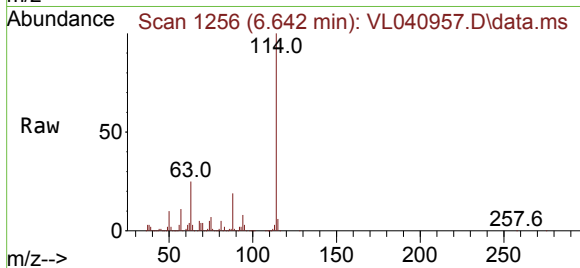
Tgt Ion:114 Resp: 2789568

Ion Ratio Lower Upper

114 100

63 25.3 21.0 31.6

88 18.0 14.3 21.5



#39

1,2-Dichloropropane

Concen: 8.036 ppbv

RT: 6.642 min Scan# 1256

Delta R.T. -0.418 min

Lab File: VL040957.D

Acq: 22 Dec 2023 12:44

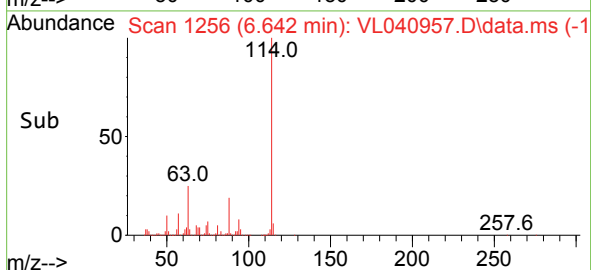
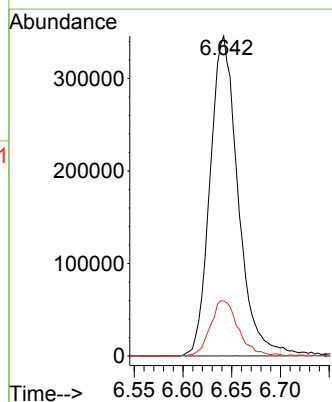
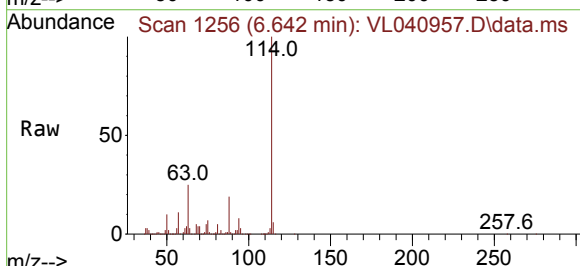
Tgt Ion: 63 Resp: 688616

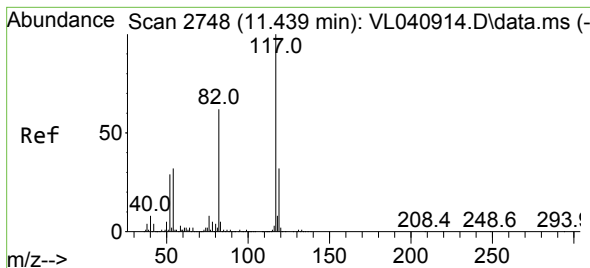
Ion Ratio Lower Upper

63 100

41 0.1 59.0 88.6#

62 17.1 56.6 85.0#

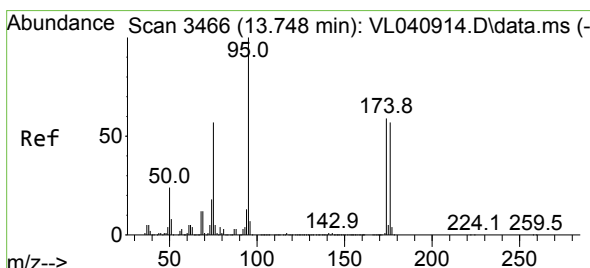
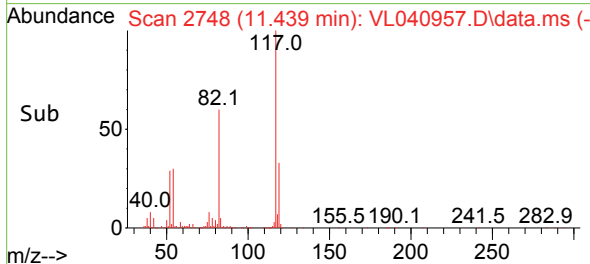
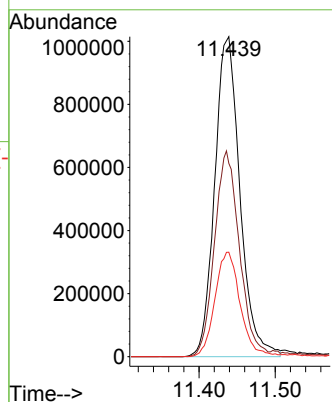
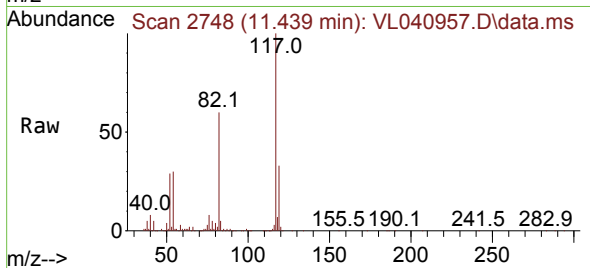




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040957.D
Acq: 22 Dec 2023 12:44

Instrument :
MSVOA_L
ClientSampleId :

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

