

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)

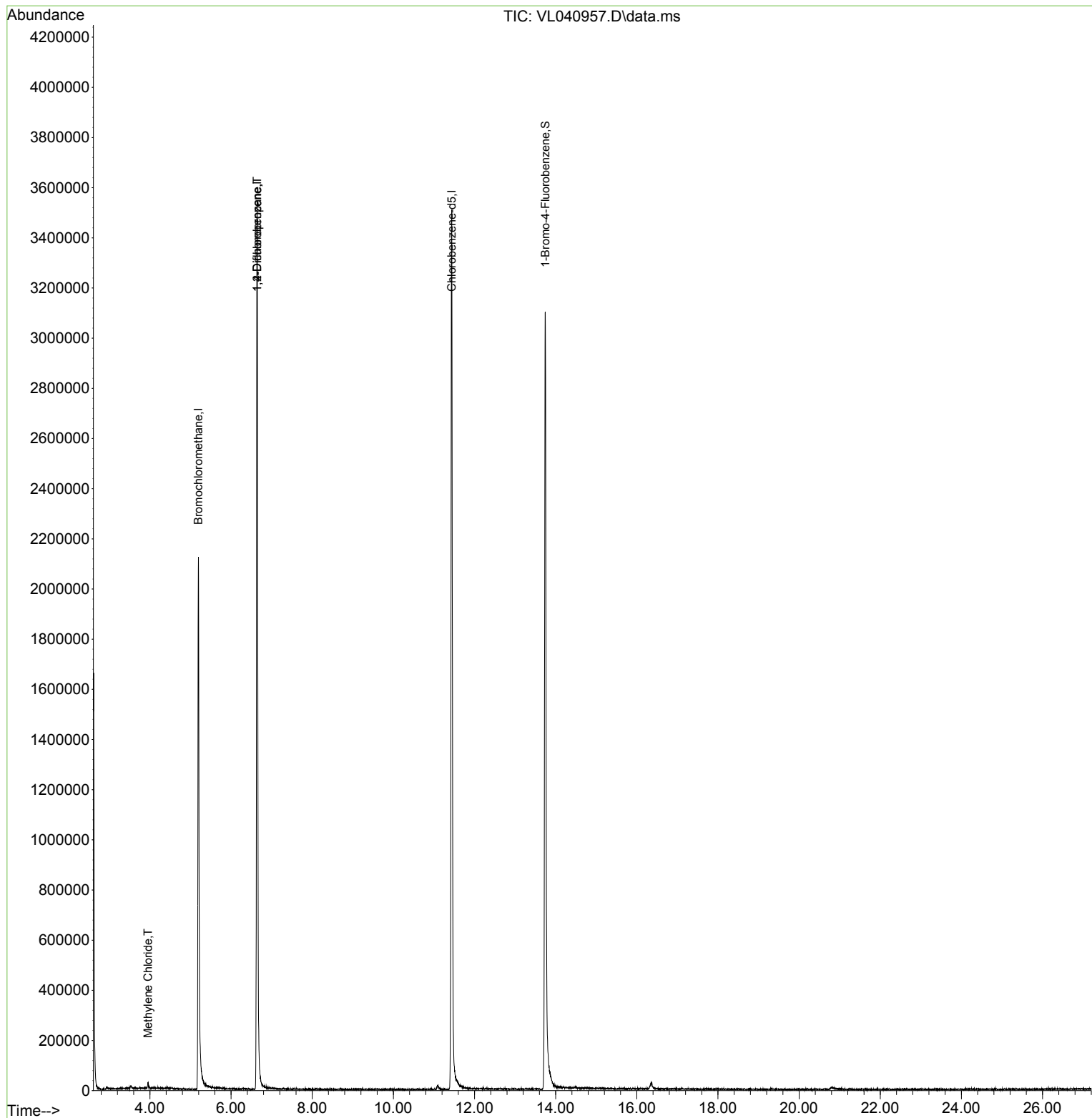
Internal Standards						
1) Bromochloromethane	5.192	49	1095395	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2789568	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2341958	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.744	95	1694252	9.821	ppbv	0.00
Spiked Amount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

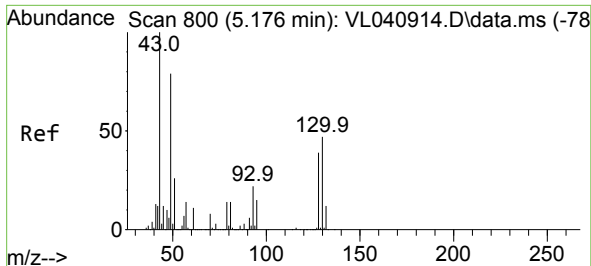
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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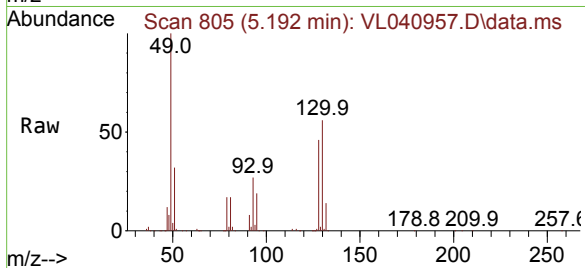
Quant Time: Dec 23 01:20:49 2023
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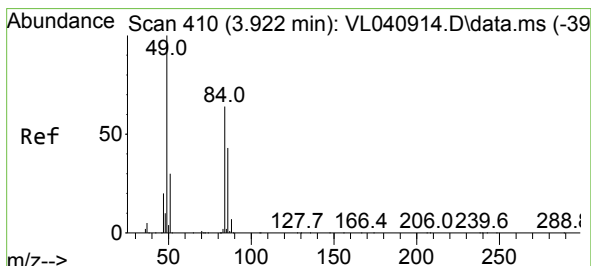
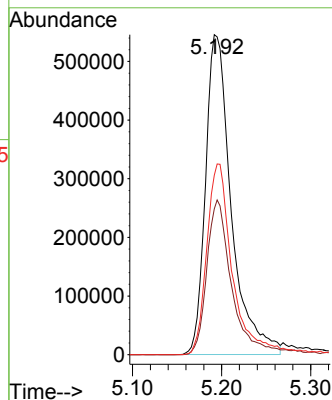
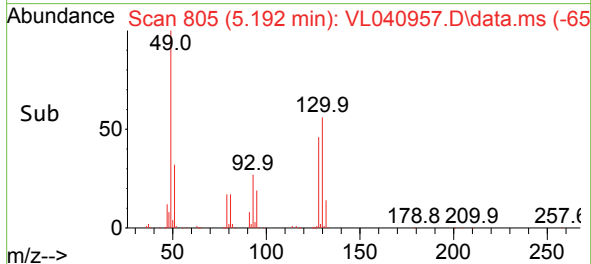


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL040957.D
Acq: 22 Dec 2023 12:44

Instrument :
MSVOA_L
ClientSampleId :
QC112723 CAN 10283

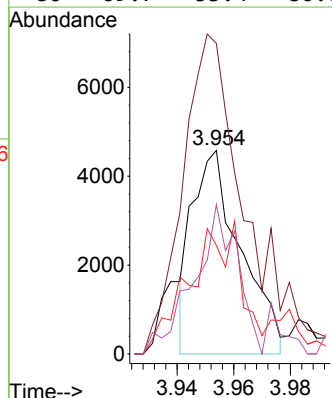
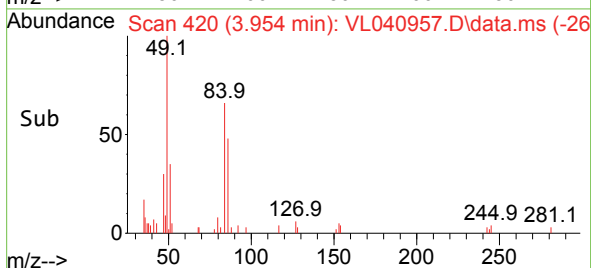
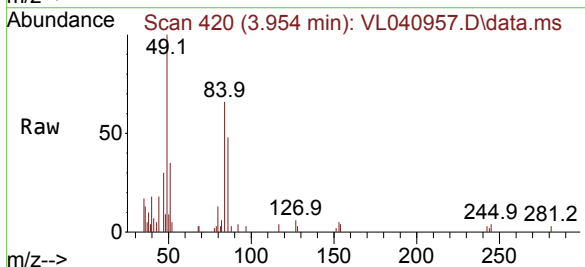


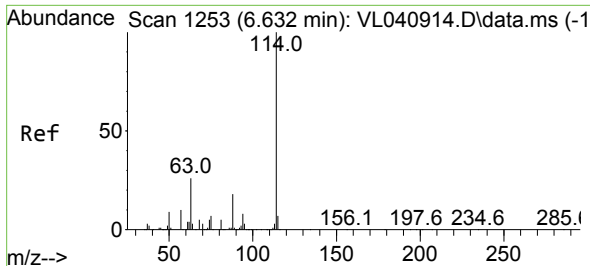
Tgt Ion: 49 Resp: 1095395
Ion Ratio Lower Upper
49 100
128 48.9 23.8 71.2
130 61.4 30.1 90.5



#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



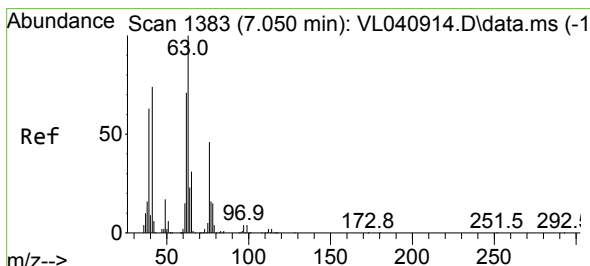
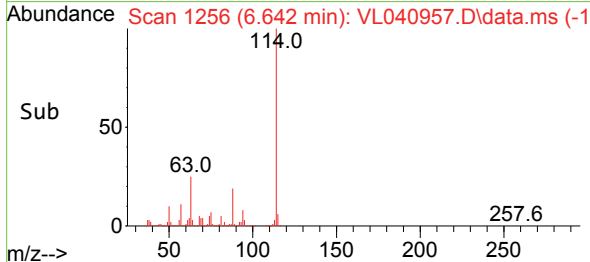
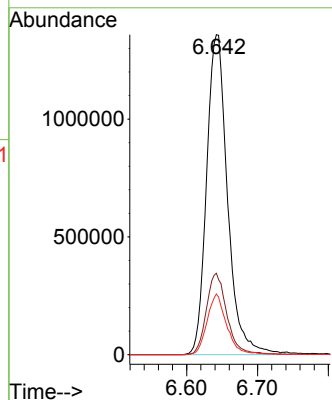
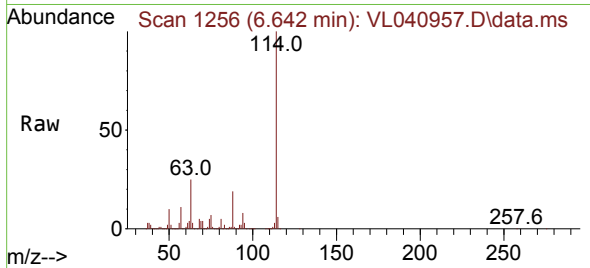


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 6.642 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VL040957.D
 Acq: 22 Dec 2023 12:44

Instrument : MSVOA_L
 ClientSampleId : QC112723 CAN 10283

Tgt Ion: 114 Resp: 2789568

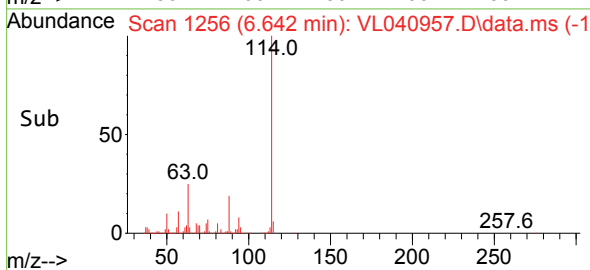
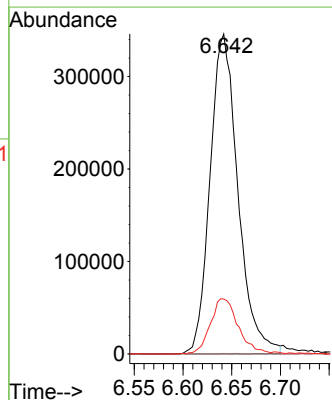
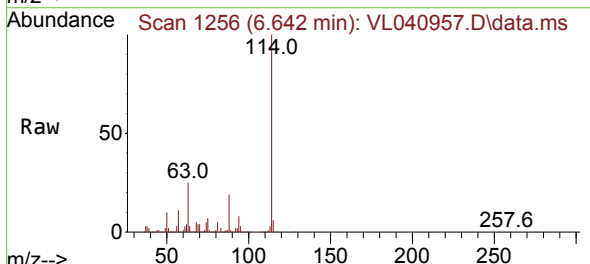
Ion	Ratio	Lower	Upper
114	100		
63	25.3	21.0	31.6
88	18.0	14.3	21.5

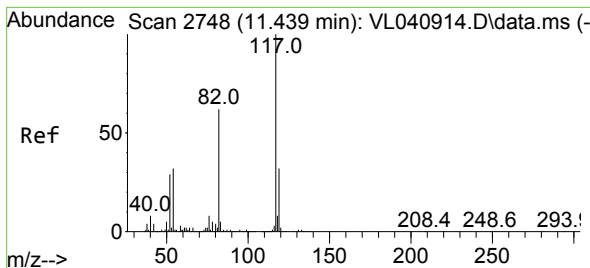


#39
 1,2-Dichloropropane
 Concen: 8.036 ppbv
 RT: 6.642 min Scan# 1256
 Delta R.T. -0.418 min
 Lab File: VL040957.D
 Acq: 22 Dec 2023 12:44

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 :

QC112723 CAN 10283

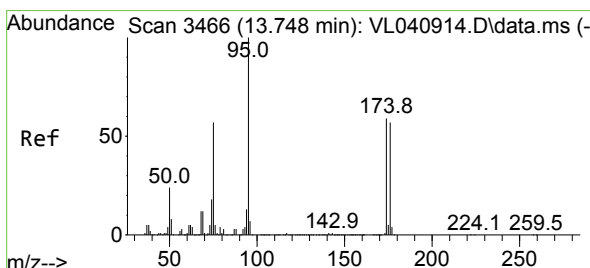
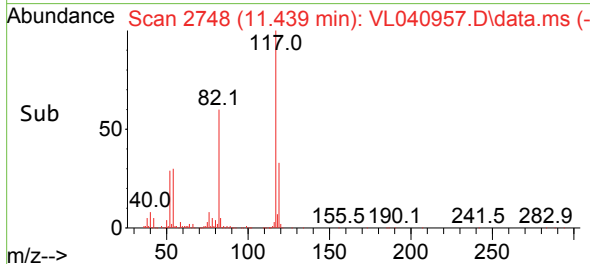
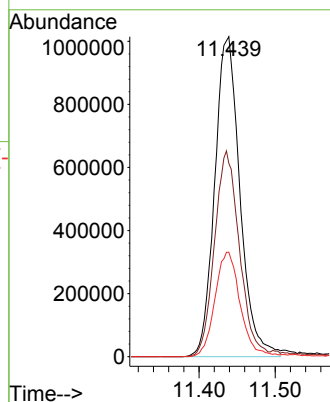
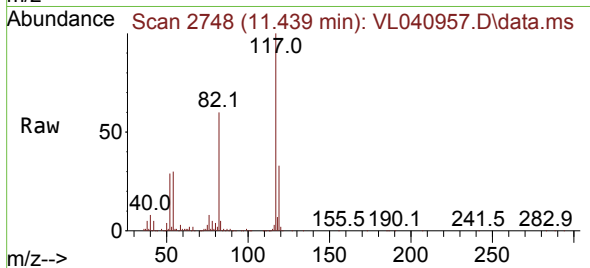
Tgt Ion:117 Resp: 2341958

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

