

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL031224\  
 Data File : VL041096.D  
 Acq On : 12 Mar 2024 13:06  
 Operator : SY/MD  
 Sample : QC022124 CAN 10608  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 QC022124 CAN 10608

Quant Time: Mar 13 01:28:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL031124AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Wed Mar 13 01:22:02 2024  
 Response via : Initial Calibration

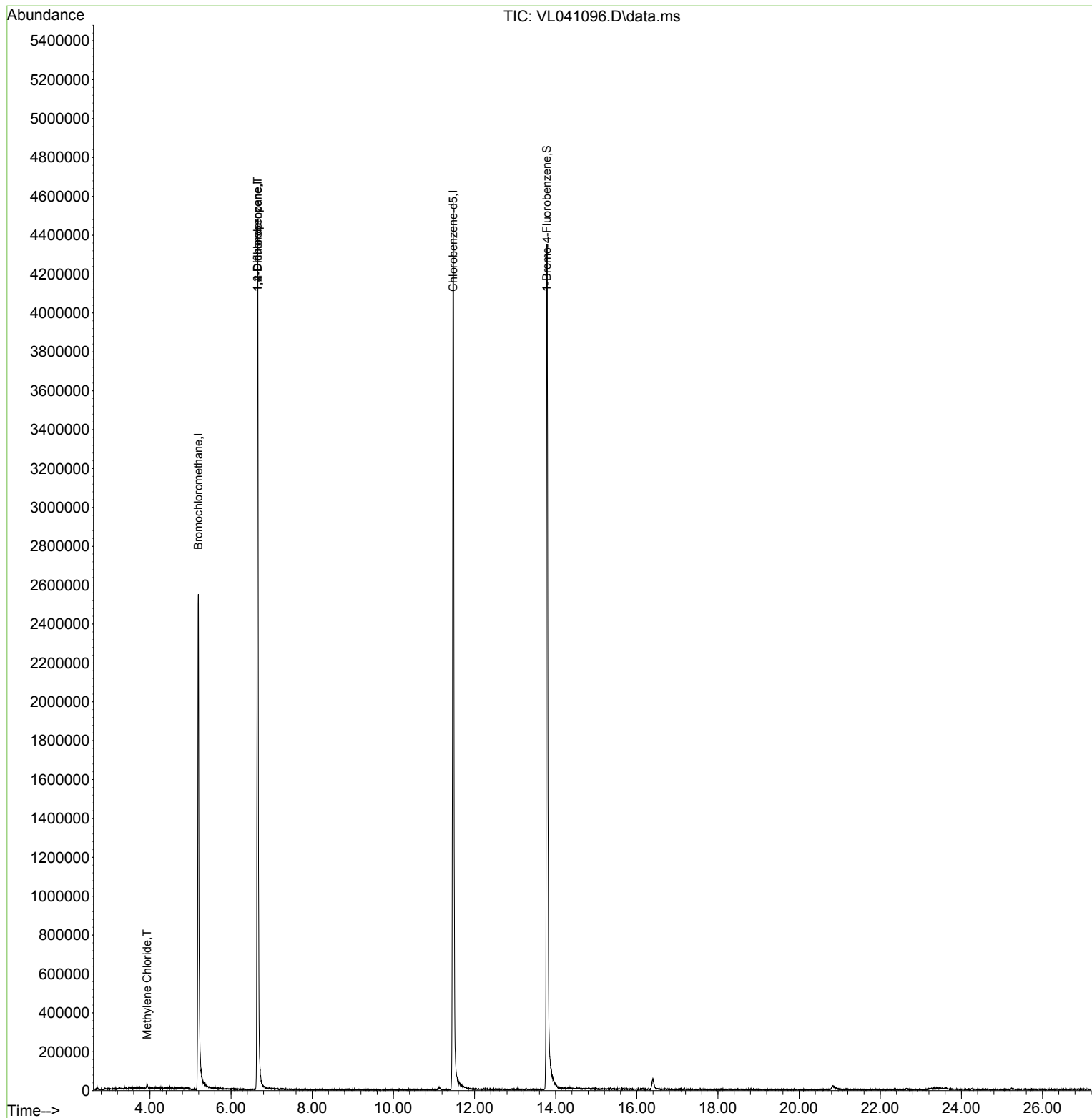
| Compound                    | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-----------------------------|--------|-------|----------|----------|--------|----------|
| -----                       |        |       |          |          |        |          |
| Internal Standards          |        |       |          |          |        |          |
| 1) Bromochloromethane       | 5.192  | 49    | 1347518  | 10.000   | ppbv   | 0.00     |
| 33) 1,4-Difluorobenzene     | 6.655  | 114   | 3581889  | 10.000   | ppbv   | 0.00     |
| 55) Chlorobenzene-d5        | 11.475 | 117   | 3092099  | 10.000   | ppbv   | 0.00     |
| System Monitoring Compounds |        |       |          |          |        |          |
| 68) 1-Bromo-4-Fluorobenzene | 13.786 | 95    | 2367778  | 9.794    | ppbv   | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =      | 97.900%  |
| Target Compounds            |        |       |          |          |        |          |
|                             |        |       |          |          | Qvalue |          |
| 20) Methylene Chloride      | 3.931  | 84    | 6798     | 0.114    | ppbv # | 84       |
| 39) 1,2-Dichloropropane     | 6.655  | 63    | 863725   | 8.099    | ppbv # | 22       |
| -----                       |        |       |          |          |        |          |

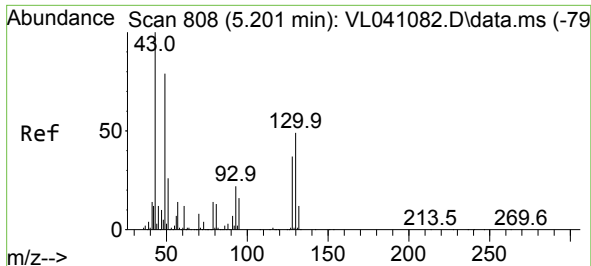
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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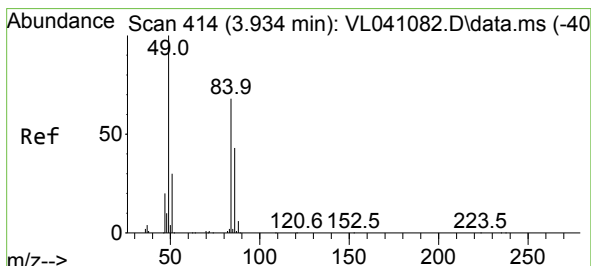
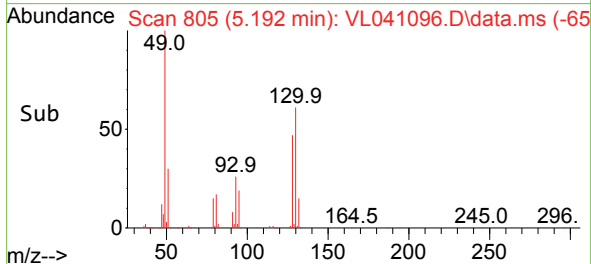
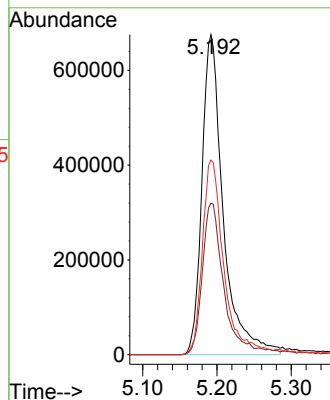
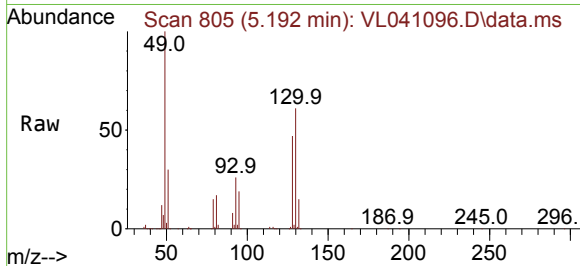




#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 5.192 min Scan# 80  
Delta R.T. -0.000 min  
Lab File: VL041096.D  
Acq: 12 Mar 2024 13:06

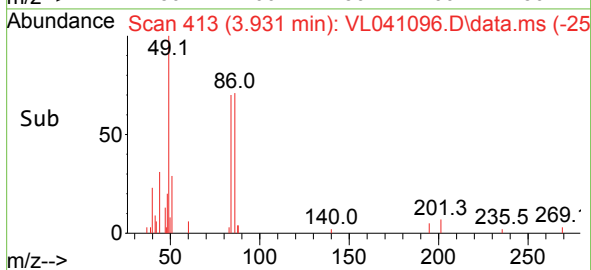
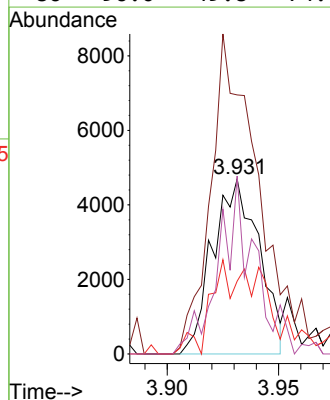
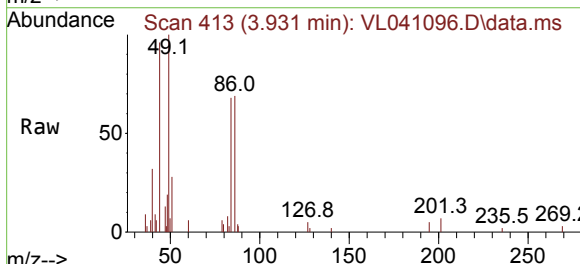
Instrument :  
MSVOA\_L  
ClientSampleId :  
QC022124 CAN 10608

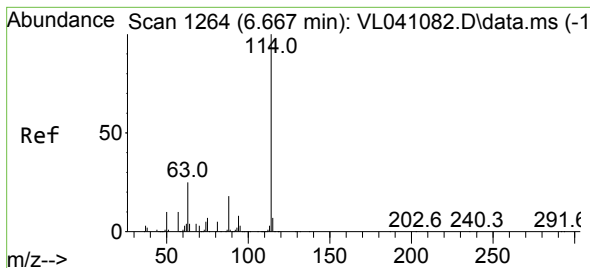
Tgt Ion: 49 Resp: 1347518  
Ion Ratio Lower Upper  
49 100  
128 49.1 23.8 71.5  
130 63.4 30.3 90.9



#20  
Methylene Chloride  
Concen: 0.114 ppbv  
RT: 3.931 min Scan# 413  
Delta R.T. 0.003 min  
Lab File: VL041096.D  
Acq: 12 Mar 2024 13:06

Tgt Ion: 84 Resp: 6798  
Ion Ratio Lower Upper  
84 100  
49 155.4 117.0 175.6  
51 38.3 34.9 52.3  
86 96.0 49.8 74.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL041096.D

Acq: 12 Mar 2024 13:06

Instrument :

MSVOA\_L

ClientSampleId :

QC022124 CAN 10608

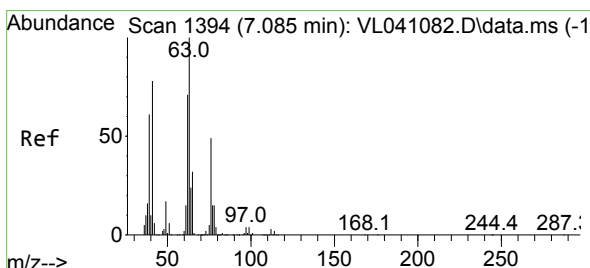
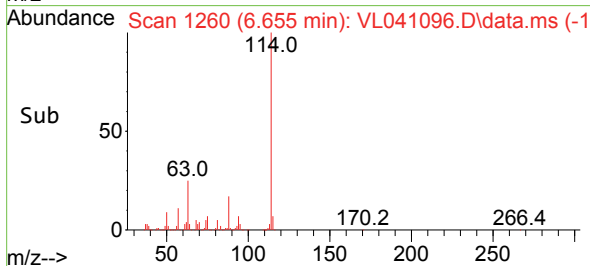
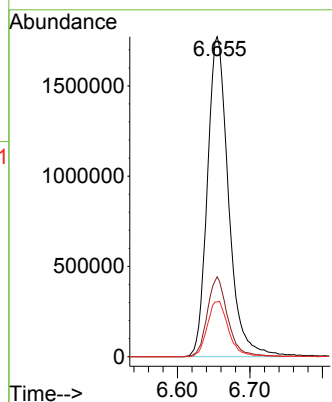
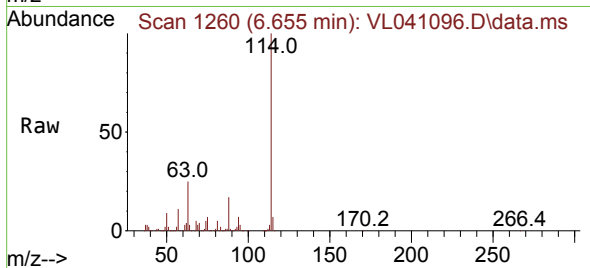
Tgt Ion:114 Resp: 3581889

Ion Ratio Lower Upper

114 100

63 24.3 21.0 31.6

88 17.6 14.6 22.0



#39

1,2-Dichloropropane

Concen: 8.099 ppbv

RT: 6.655 min Scan# 1260

Delta R.T. -0.421 min

Lab File: VL041096.D

Acq: 12 Mar 2024 13:06

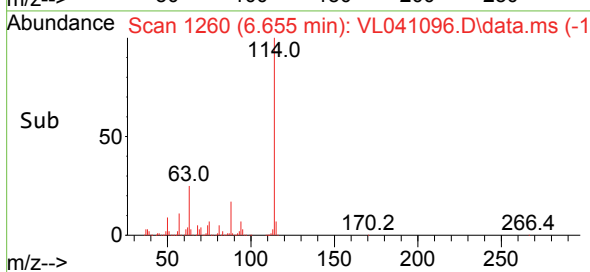
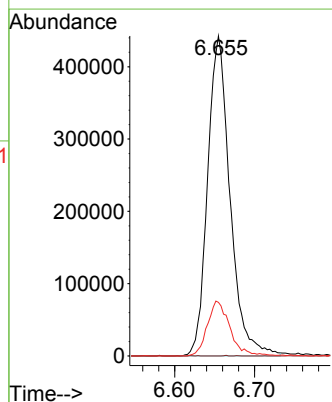
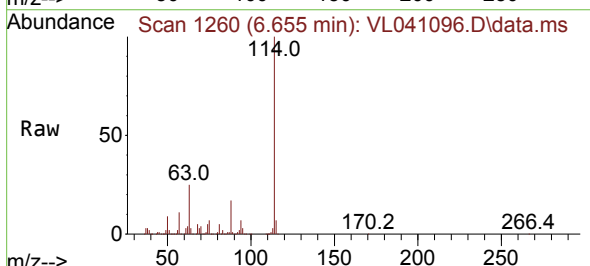
Tgt Ion: 63 Resp: 863725

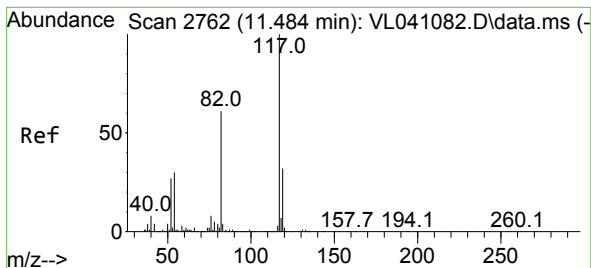
Ion Ratio Lower Upper

63 100

41 0.0 62.2 93.4#

62 16.7 57.0 85.4#





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.475 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL041096.D

Acq: 12 Mar 2024 13:06

Instrument :

MSVOA\_L

ClientSampleId :

QC022124 CAN 10608

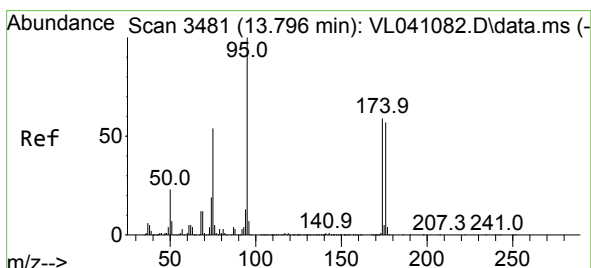
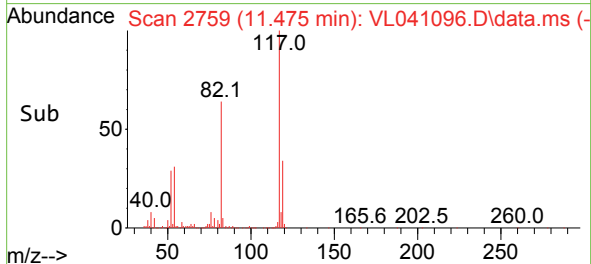
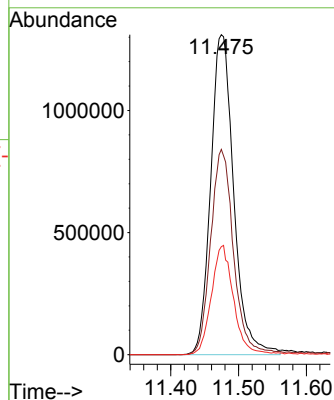
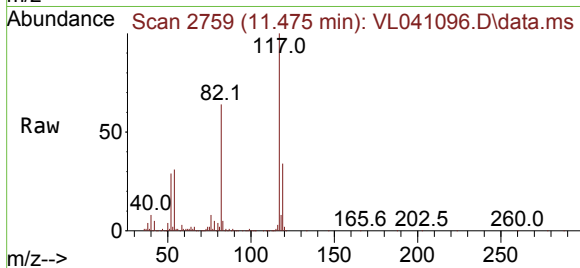
Tgt Ion:117 Resp: 3092099

Ion Ratio Lower Upper

117 100

82 65.6 51.4 77.2

119 33.0 23.7 35.5



#68

1-Bromo-4-Fluorobenzene

Concen: 9.794 ppbv

RT: 13.786 min Scan# 3478

Delta R.T. 0.003 min

Lab File: VL041096.D

Acq: 12 Mar 2024 13:06

Tgt Ion: 95 Resp: 2367778

Ion Ratio Lower Upper

95 100

174 61.8 47.8 71.8

175 4.5 3.5 5.3

