

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL070124\  
 Data File : VL041376.D  
 Acq On : 1 Jul 2024 20:33  
 Operator : SY/MD  
 Sample : CAN 10609  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 CAN 10609

Quant Time: Jul 01 23:34:10 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL062624AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Mon Jul 01 23:27:24 2024  
 Response via : Initial Calibration

| Compound                | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------|--------|------|----------|--------|-------|----------|
| -----                   |        |      |          |        |       |          |
| Internal Standards      |        |      |          |        |       |          |
| 1) Bromochloromethane   | 5.211  | 49   | 958380   | 10.000 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 6.661  | 114  | 2539509  | 10.000 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 11.462 | 117  | 2210146  | 10.000 | ppbv  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 68) 1-Bromo-4-Fluorobenzene | 13.767 | 95    | 1648196  | 9.950    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 99.500% |

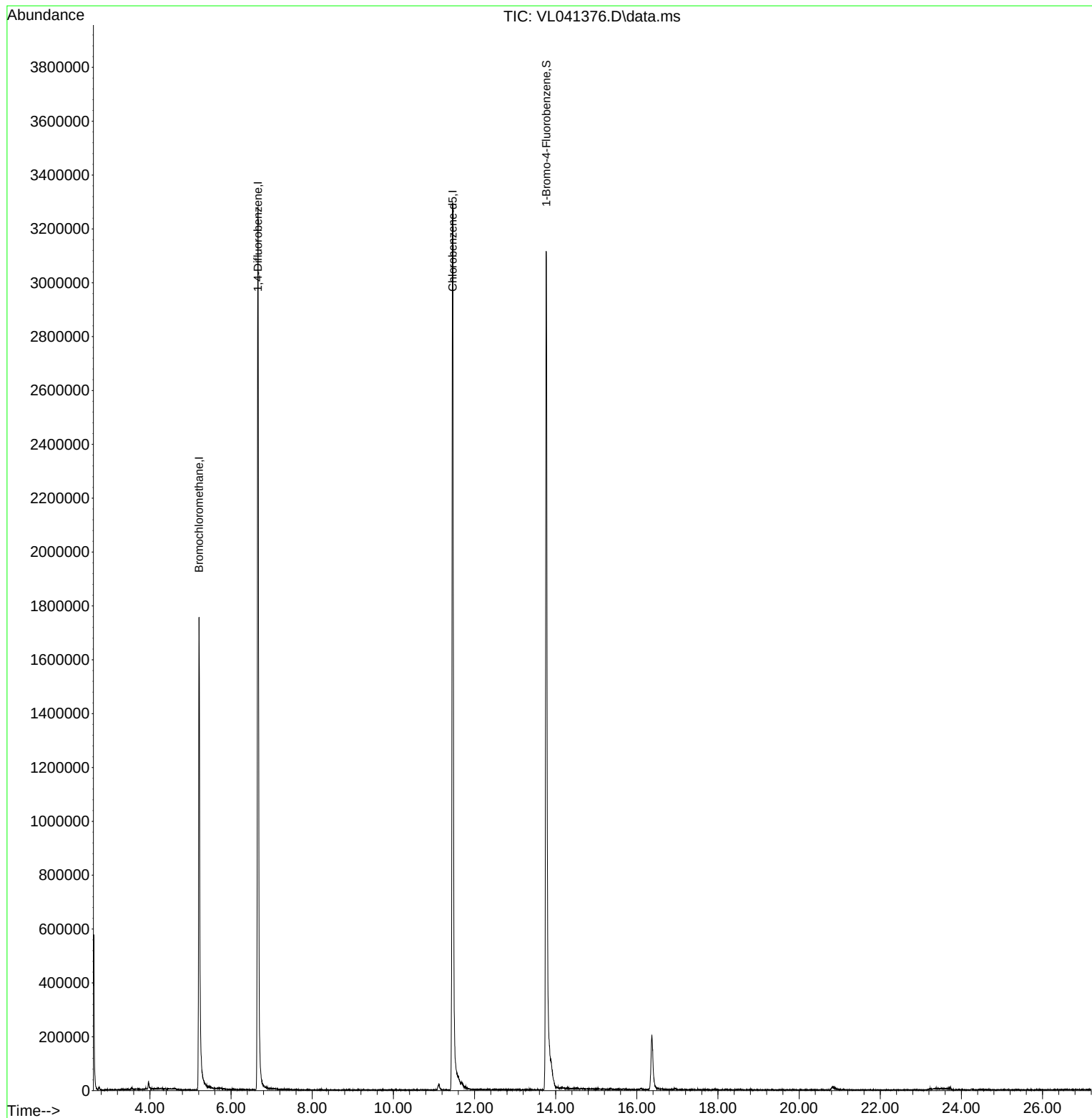
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

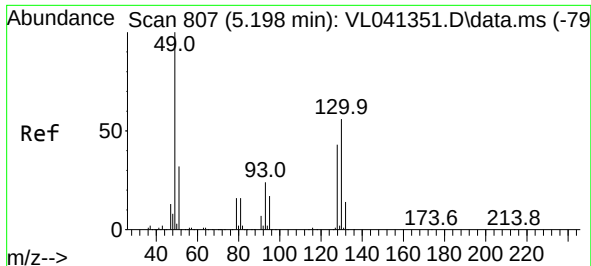
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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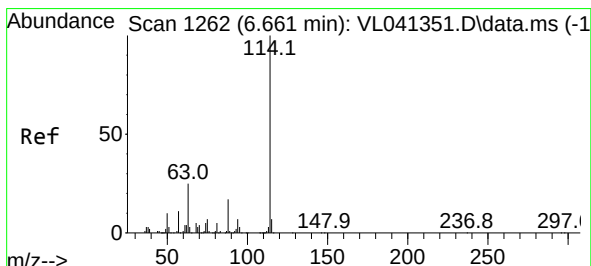
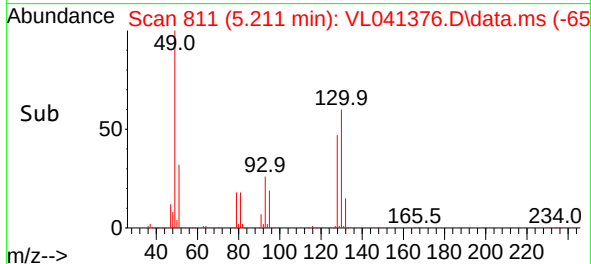
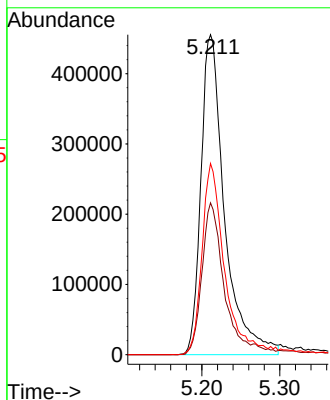
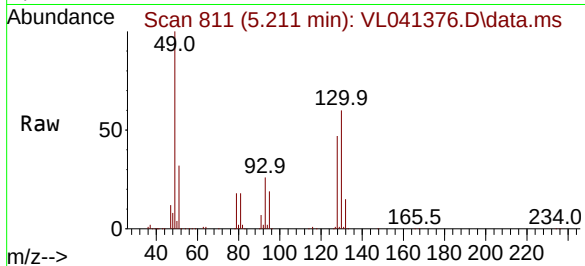




#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 5.211 min Scan# 811  
Delta R.T. -0.007 min  
Lab File: VL041376.D  
Acq: 1 Jul 2024 20:33

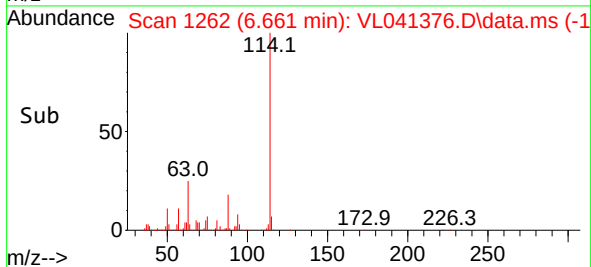
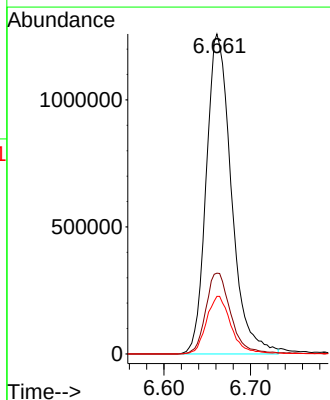
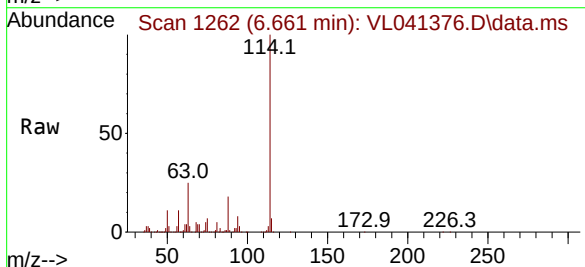
Instrument :  
MSVOA\_L  
ClientSampleId :  
CAN 10609

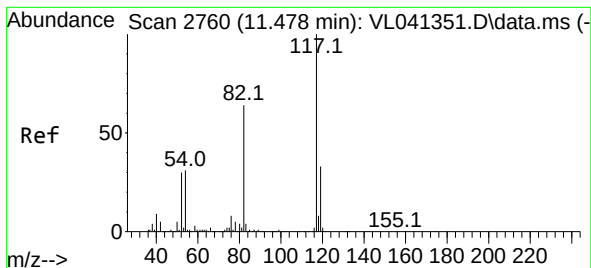
Tgt Ion: 49 Resp: 958380  
Ion Ratio Lower Upper  
49 100  
128 47.6 22.8 68.3  
130 60.6 28.9 86.7



#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 6.661 min Scan# 1262  
Delta R.T. -0.010 min  
Lab File: VL041376.D  
Acq: 1 Jul 2024 20:33

Tgt Ion: 114 Resp: 2539509  
Ion Ratio Lower Upper  
114 100  
63 25.6 20.6 31.0  
88 17.9 14.6 21.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.462 min Scan# 21

Delta R.T. -0.010 min

Lab File: VL041376.D

Acq: 1 Jul 2024 20:33

Instrument :

MSVOA\_L

ClientSampleId :

CAN 10609

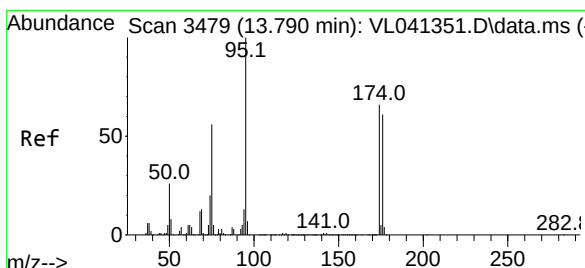
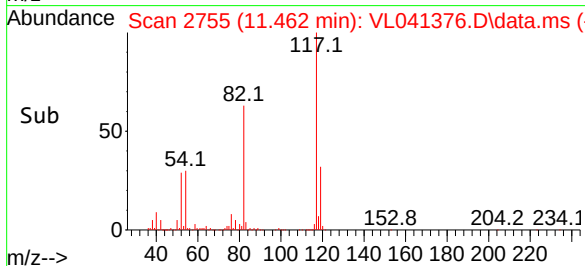
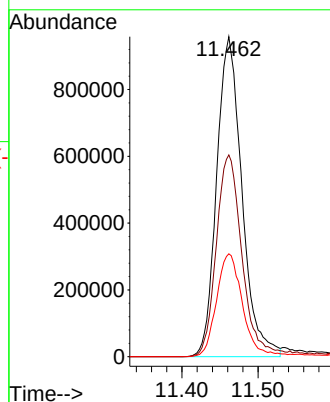
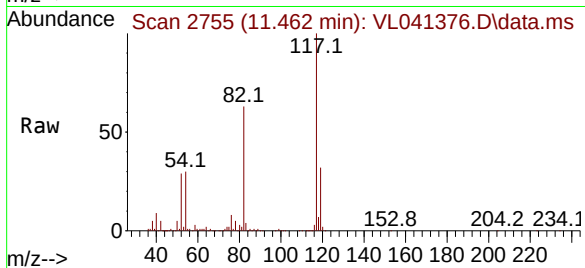
Tgt Ion:117 Resp: 2210146

Ion Ratio Lower Upper

117 100

82 65.3 50.6 75.8

119 33.8 24.7 37.1



#68

1-Bromo-4-Fluorobenzene

Concen: 9.950 ppbv

RT: 13.767 min Scan# 3472

Delta R.T. -0.010 min

Lab File: VL041376.D

Acq: 1 Jul 2024 20:33

Tgt Ion: 95 Resp: 1648196

Ion Ratio Lower Upper

95 100

174 68.0 53.1 79.7

175 4.9 4.0 6.0

