

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL052124\  
 Data File : VL041275.D  
 Acq On : 21 May 2024 21:38  
 Operator : SY/MD  
 Sample : CAN 10602  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 CAN 10602

Quant Time: May 22 05:48:46 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL042924AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Wed May 22 05:39:49 2024  
 Response via : Initial Calibration

| Compound                | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------|--------|------|----------|--------|-------|----------|
| -----                   |        |      |          |        |       |          |
| Internal Standards      |        |      |          |        |       |          |
| 1) Bromochloromethane   | 5.201  | 49   | 981527   | 10.000 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 6.658  | 114  | 2529969  | 10.000 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 11.468 | 117  | 2329280  | 10.000 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |          |
|-----------------------------|--------|-------|----------|----------|------|----------|
| 68) 1-Bromo-4-Fluorobenzene | 13.777 | 95    | 1804806  | 10.263   | ppbv | 0.00     |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 102.600% |

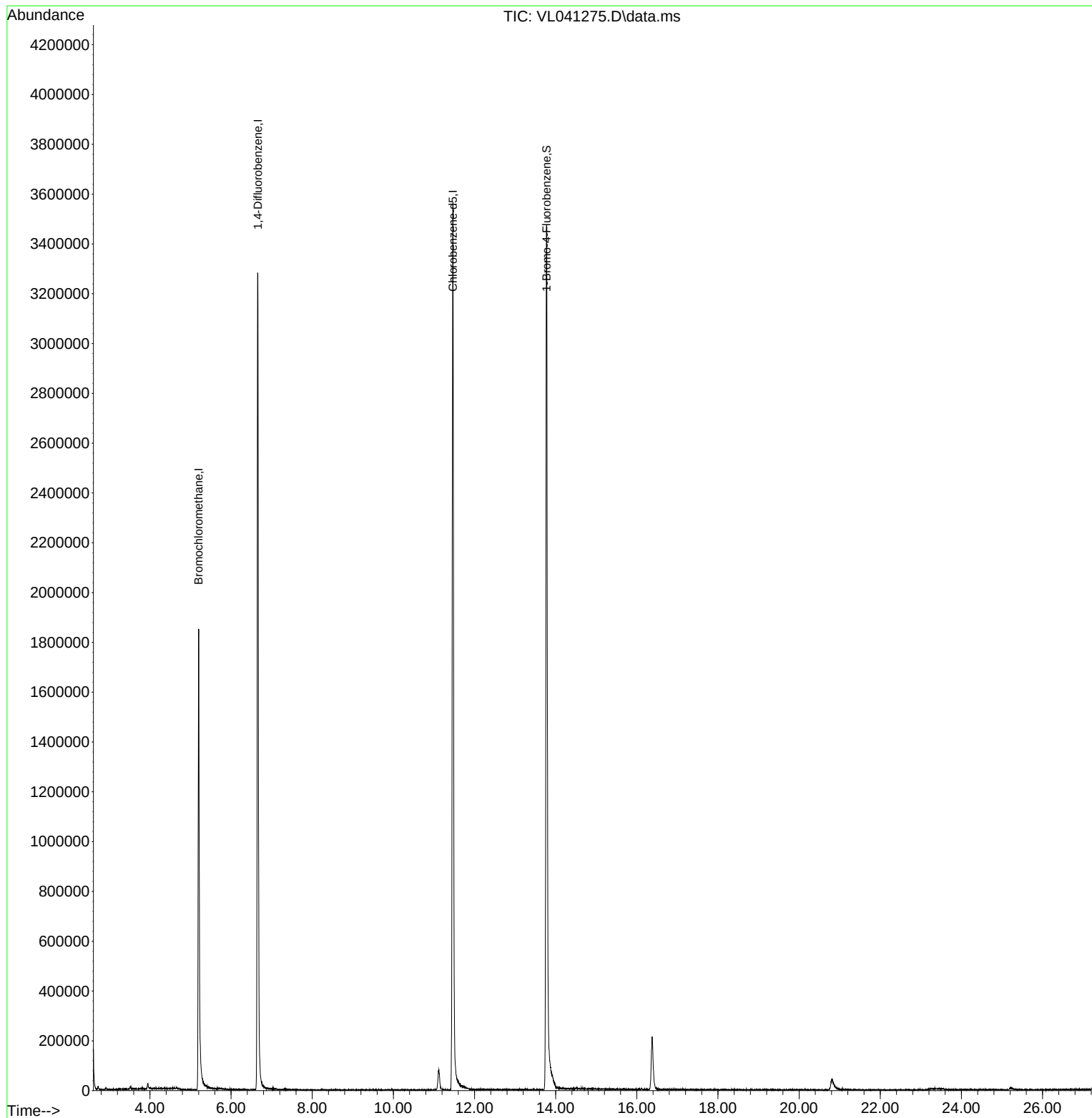
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

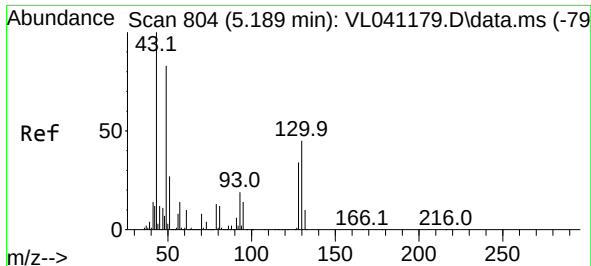
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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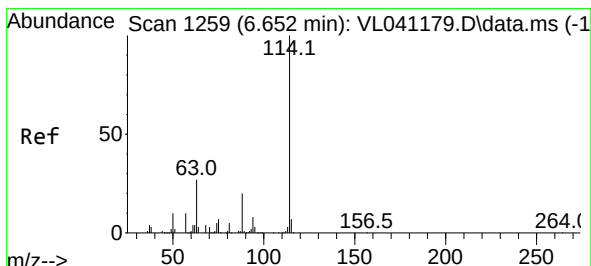
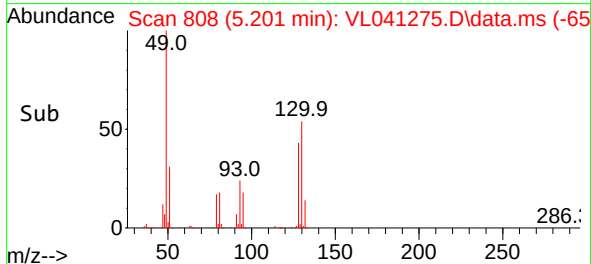
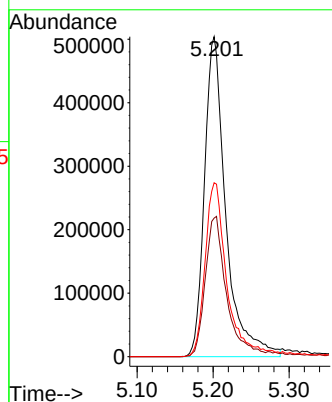
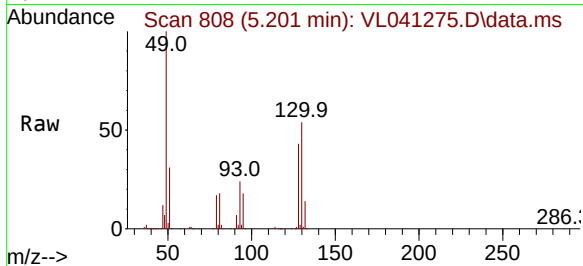




#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 5.201 min Scan# 804  
Delta R.T. 0.000 min  
Lab File: VL041275.D  
Acq: 21 May 2024 21:38

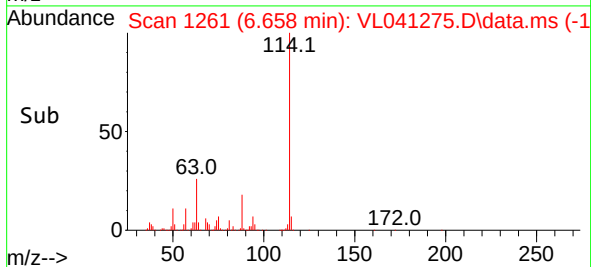
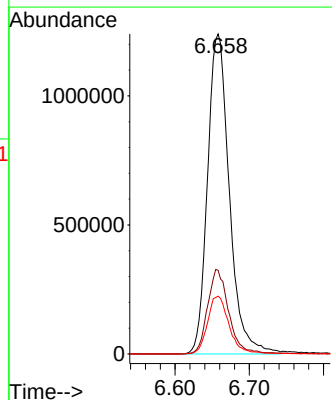
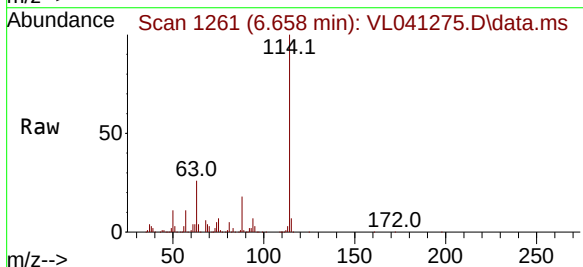
Instrument :  
MSVOA\_L  
ClientSampleId :  
CAN 10602

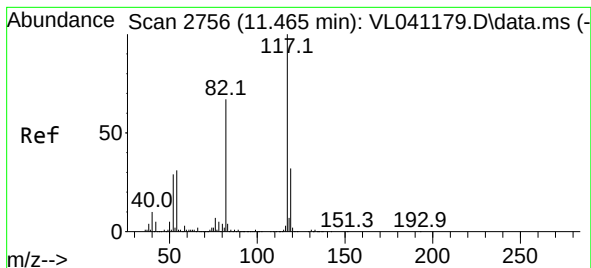
Tgt Ion: 49 Resp: 981527  
Ion Ratio Lower Upper  
49 100  
128 46.4 21.5 64.5  
130 57.5 27.2 81.6



#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 6.658 min Scan# 1261  
Delta R.T. -0.000 min  
Lab File: VL041275.D  
Acq: 21 May 2024 21:38

Tgt Ion: 114 Resp: 2529969  
Ion Ratio Lower Upper  
114 100  
63 25.8 21.8 32.6  
88 18.0 15.2 22.8





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.468 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL041275.D

Acq: 21 May 2024 21:38

Instrument :

MSVOA\_L

ClientSampleId :

CAN 10602

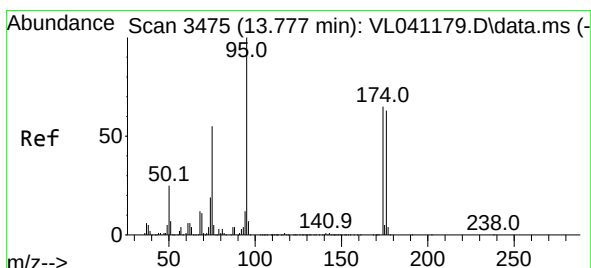
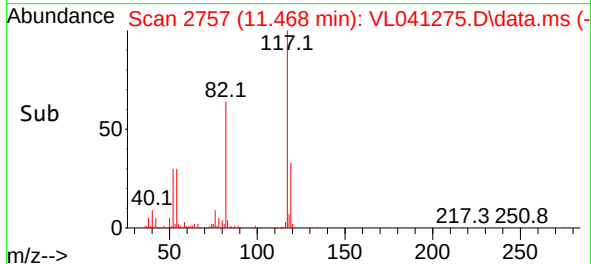
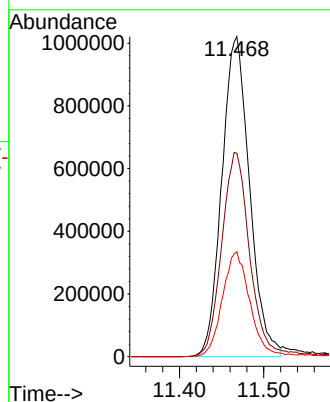
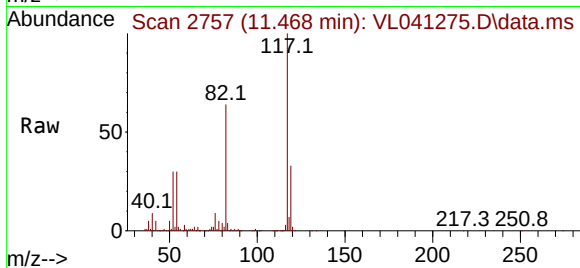
Tgt Ion:117 Resp: 2329280

Ion Ratio Lower Upper

117 100

82 66.4 53.6 80.4

119 33.3 27.2 40.8



#68

1-Bromo-4-Fluorobenzene

Concen: 10.263 ppbv

RT: 13.777 min Scan# 3475

Delta R.T. 0.003 min

Lab File: VL041275.D

Acq: 21 May 2024 21:38

Tgt Ion: 95 Resp: 1804806

Ion Ratio Lower Upper

95 100

174 66.9 53.6 80.4

175 5.0 4.2 6.4

