

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL012725\  
 Data File : VL041954.D  
 Acq On : 27 Jan 2025 16:11  
 Operator : SY/MD  
 Sample : QC012125 CAN 10268  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 QC012125 CAN 10268

Quant Time: Jan 28 02:39:31 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL011425AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Tue Jan 14 23:15:42 2025  
 Response via : Initial Calibration

| Compound                | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------|-------|------|----------|--------|-------|----------|
| -----                   |       |      |          |        |       |          |
| Internal Standards      |       |      |          |        |       |          |
| 1) Bromochloromethane   | 2.800 | 49   | 136962   | 10.000 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 3.982 | 114  | 367356   | 10.000 | ppbv  | 0.00     |
| 55) Chlorobenzene-d5    | 8.901 | 117  | 317099   | 10.000 | ppbv  | 0.00     |

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds |        |       |          |          |      |         |
| 68) 1-Bromo-4-Fluorobenzene | 10.393 | 95    | 238739   | 9.559    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 95.600% |

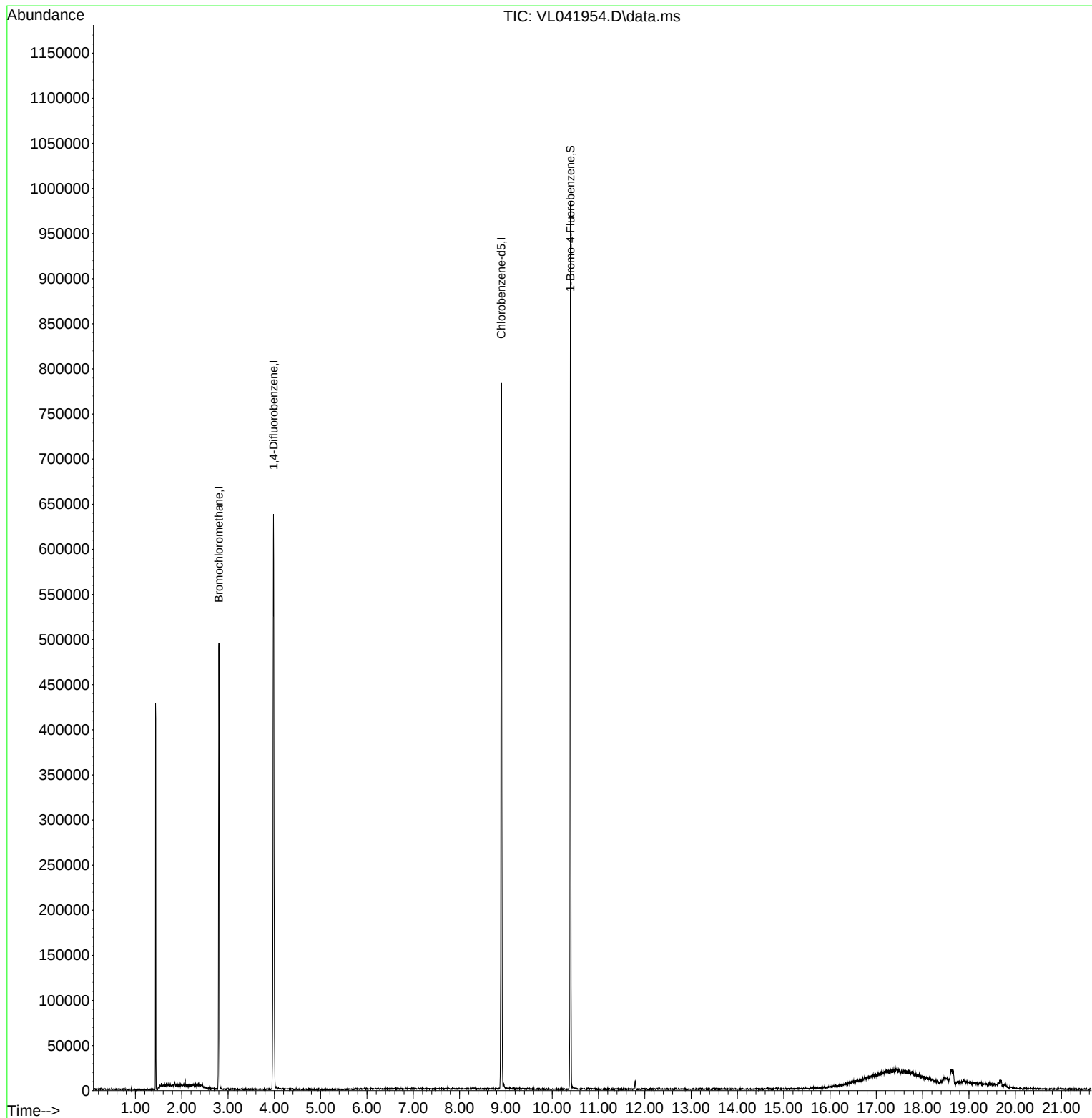
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

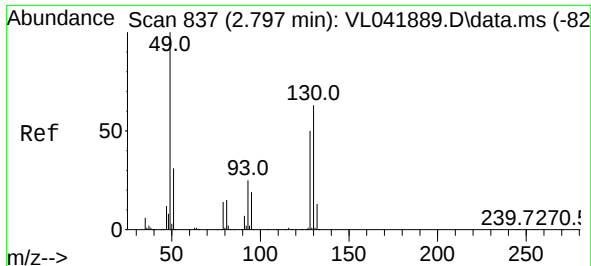
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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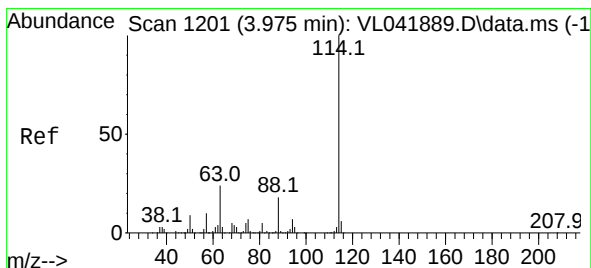
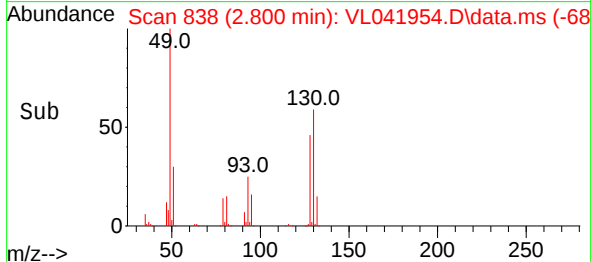
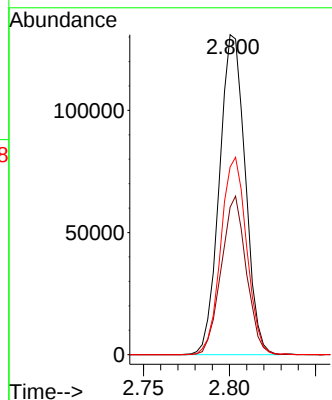
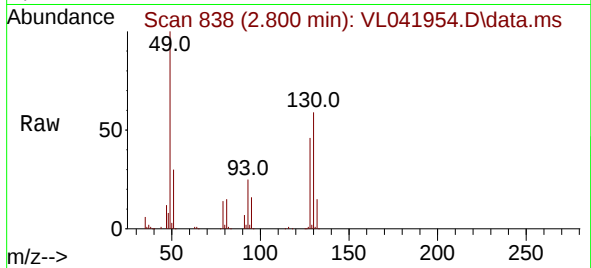




#1  
Bromochloromethane  
Concen: 10.000 ppbv  
RT: 2.800 min Scan# 81  
Delta R.T. 0.003 min  
Lab File: VL041954.D  
Acq: 27 Jan 2025 16:11

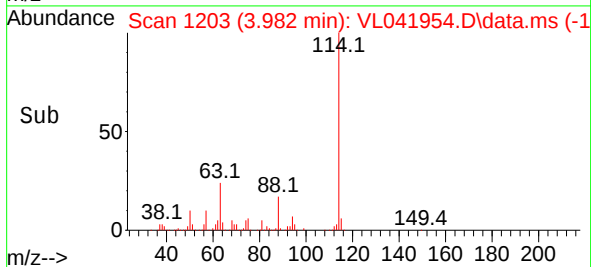
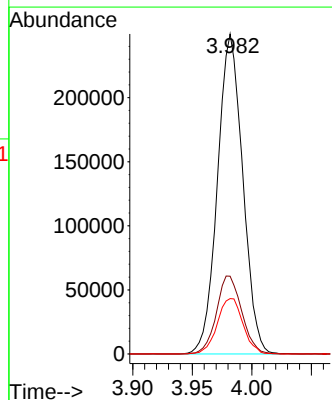
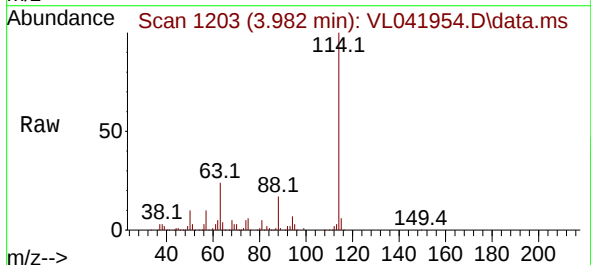
Instrument :  
MSVOA\_L  
ClientSampleId :  
QC012125 CAN 10268

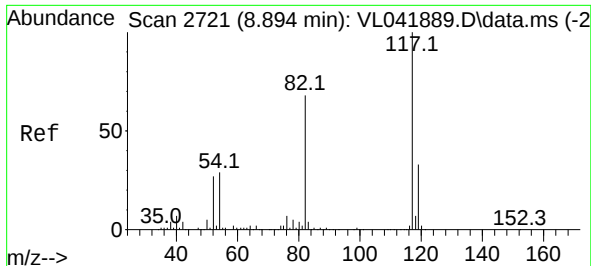
Tgt Ion: 49 Resp: 136962  
Ion Ratio Lower Upper  
49 100  
128 47.9 24.3 73.0  
130 61.6 31.1 93.2



#33  
1,4-Difluorobenzene  
Concen: 10.000 ppbv  
RT: 3.982 min Scan# 1203  
Delta R.T. 0.007 min  
Lab File: VL041954.D  
Acq: 27 Jan 2025 16:11

Tgt Ion: 114 Resp: 367356  
Ion Ratio Lower Upper  
114 100  
63 24.4 19.8 29.6  
88 17.7 14.4 21.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 8.901 min Scan# 21

Delta R.T. 0.007 min

Lab File: VL041954.D

Acq: 27 Jan 2025 16:11

Instrument :

MSVOA\_L

ClientSampleId :

QC012125 CAN 10268

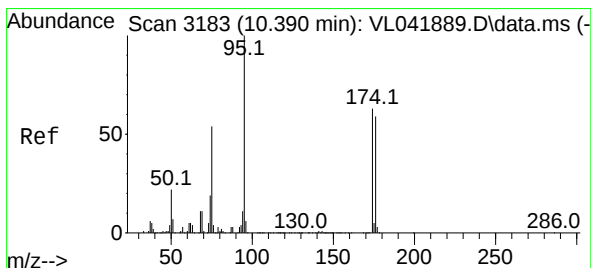
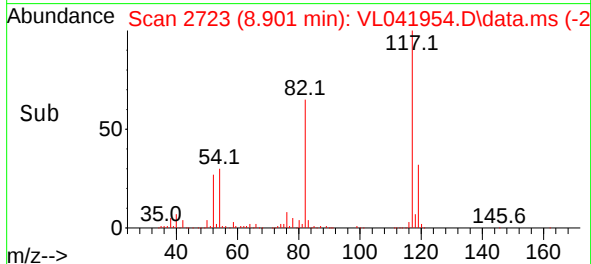
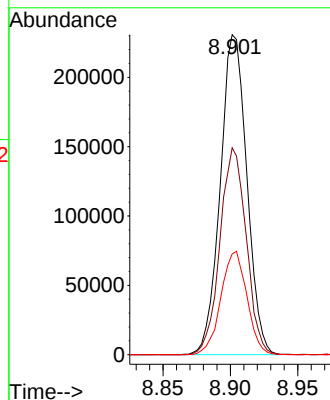
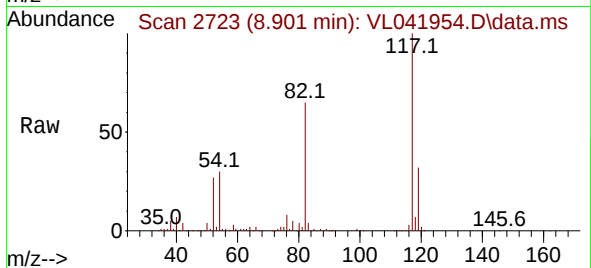
Tgt Ion:117 Resp: 317099

Ion Ratio Lower Upper

117 100

82 63.8 54.2 81.4

119 31.6 25.0 37.6



#68

1-Bromo-4-Fluorobenzene

Concen: 9.559 ppbv

RT: 10.393 min Scan# 3184

Delta R.T. 0.004 min

Lab File: VL041954.D

Acq: 27 Jan 2025 16:11

Tgt Ion: 95 Resp: 238739

Ion Ratio Lower Upper

95 100

174 59.2 49.0 73.4

175 4.5 3.8 5.8

