

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL072224\  
 Data File : VL041382.D  
 Acq On : 22 Jul 2024 11:21  
 Operator : SY/MD  
 Sample : VL0722ABL01  
 Misc : 400mL/MSVOA\_L  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VL0722ABL01

Quant Time: Jul 23 03:13:37 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_L\methods\VL062624AIR.M  
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA\_L Fri Aug 26 06:05:16 2022  
 QLast Update : Tue Jul 23 02:50:01 2024  
 Response via : Initial Calibration

| Compound                | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------|--------|------|----------|--------|-------|----------|
| -----                   |        |      |          |        |       |          |
| Internal Standards      |        |      |          |        |       |          |
| 1) Bromochloromethane   | 5.201  | 49   | 980592   | 10.000 | ppbv  | 0.00     |
| 33) 1,4-Difluorobenzene | 6.655  | 114  | 2717183  | 10.000 | ppbv  | -0.01    |
| 55) Chlorobenzene-d5    | 11.465 | 117  | 2415653  | 10.000 | ppbv  | 0.00     |

System Monitoring Compounds

|                             |        |       |          |          |      |         |
|-----------------------------|--------|-------|----------|----------|------|---------|
| 68) 1-Bromo-4-Fluorobenzene | 13.774 | 95    | 1779184  | 9.827    | ppbv | 0.00    |
| Spiked Amount               | 10.000 | Range | 65 - 135 | Recovery | =    | 98.300% |

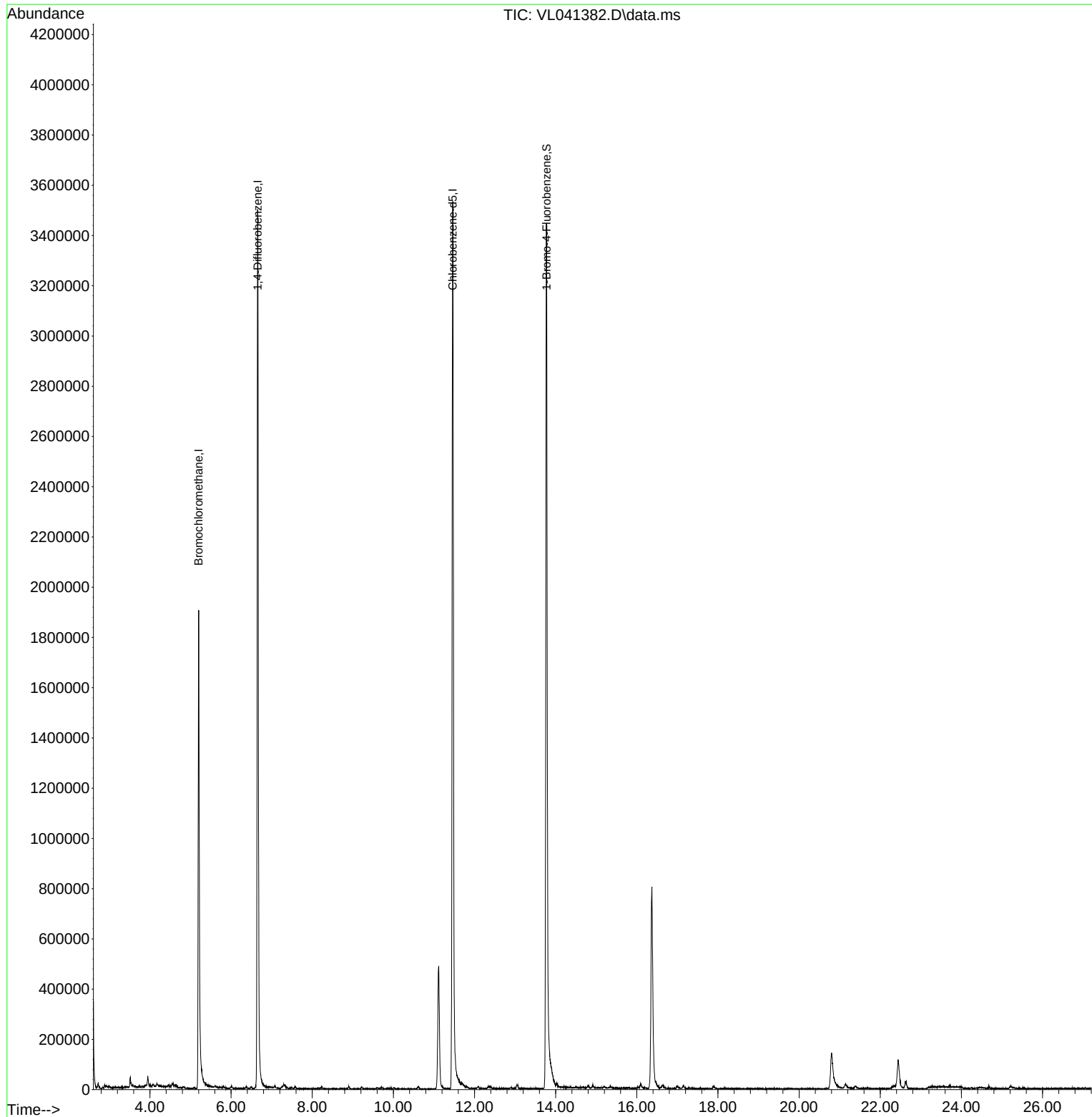
| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

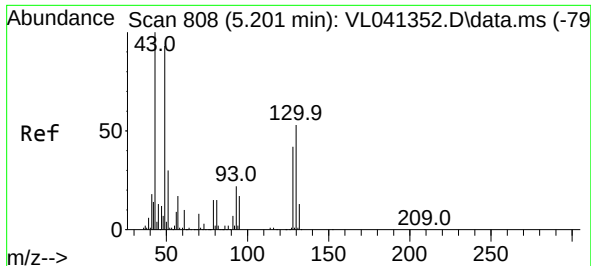
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_L\Data\VL072224\  
Data File : VL041382.D  
Acq On : 22 Jul 2024 11:21  
Operator : SY/MD  
Sample : VL07222ABL01  
Misc : 400mL/MSVOA\_L  
ALS Vial : 1 Sample Multiplier: 1

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL07222ABL01

Quant Time: Jul 23 03:13:37 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 : Tue Jul 23 02:50:01 2024  
Response via : Initial Calibration

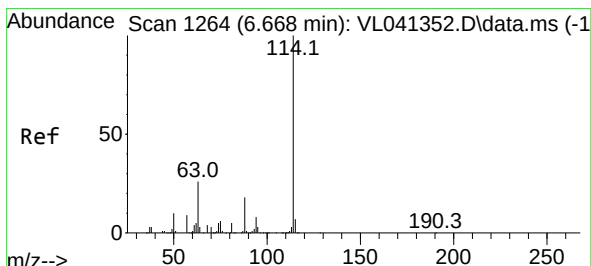
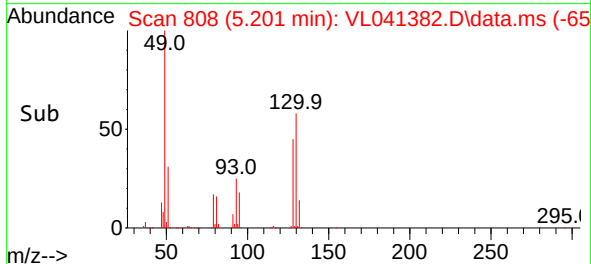
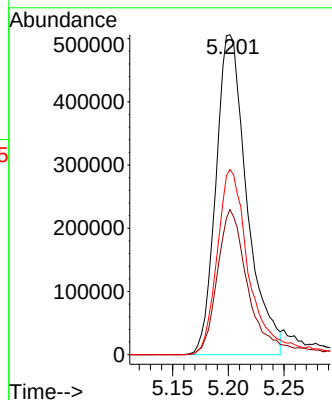
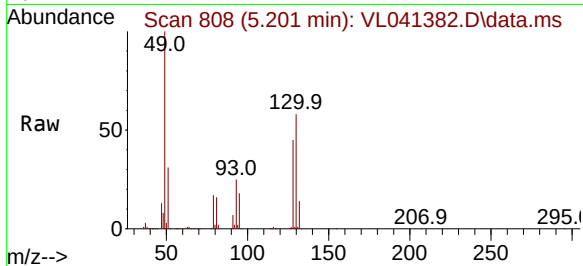




#1  
 Bromochloromethane  
 Concen: 10.000 ppbv  
 RT: 5.201 min Scan# 808  
 Delta R.T. -0.010 min  
 Lab File: VL041382.D  
 Acq: 22 Jul 2024 11:21

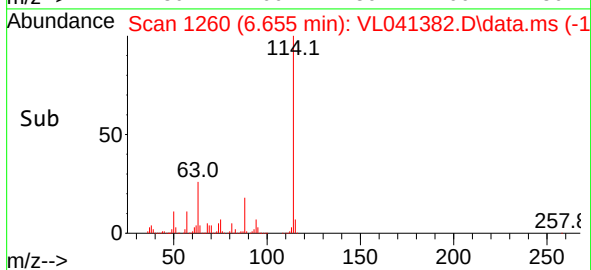
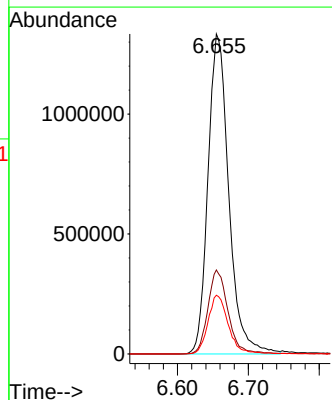
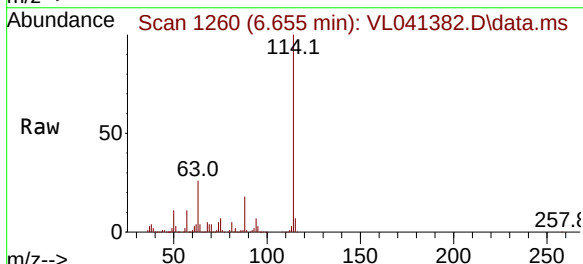
Instrument :  
 MSVOA\_L  
 ClientSampleId :  
 VL0722ABL01

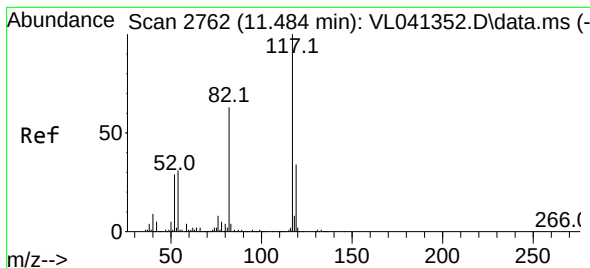
Tgt Ion: 49 Resp: 980592  
 Ion Ratio Lower Upper  
 49 100  
 128 46.8 22.8 68.3  
 130 61.0 28.9 86.7



#33  
 1,4-Difluorobenzene  
 Concen: 10.000 ppbv  
 RT: 6.655 min Scan# 1260  
 Delta R.T. -0.013 min  
 Lab File: VL041382.D  
 Acq: 22 Jul 2024 11:21

Tgt Ion: 114 Resp: 2717183  
 Ion Ratio Lower Upper  
 114 100  
 63 25.6 20.6 31.0  
 88 18.1 14.6 21.8

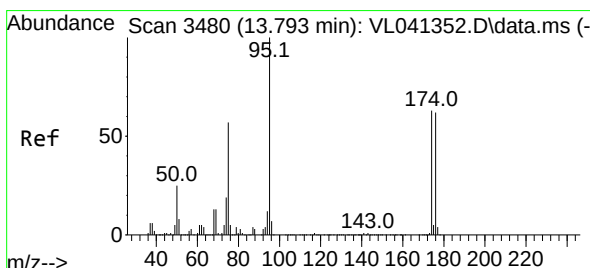
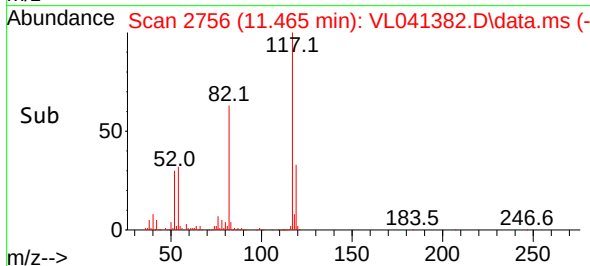
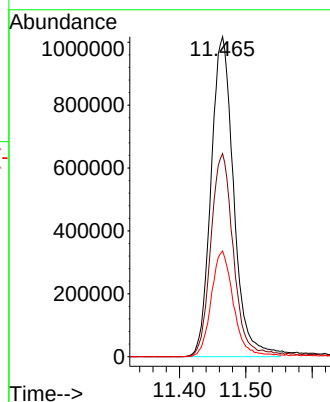
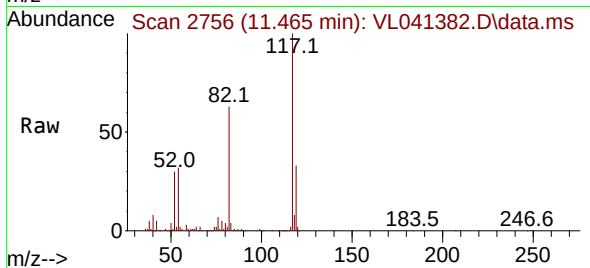




#55  
Chlorobenzene-d5  
Concen: 10.000 ppbv  
RT: 11.465 min Scan# 21  
Delta R.T. -0.003 min  
Lab File: VL041382.D  
Acq: 22 Jul 2024 11:21

Instrument :  
MSVOA\_L  
ClientSampleId :  
VL0722ABL01

Tgt Ion:117 Resp: 2415653  
Ion Ratio Lower Upper  
117 100  
82 65.4 50.6 75.8  
119 33.5 24.7 37.1



#68  
1-Bromo-4-Fluorobenzene  
Concen: 9.827 ppbv  
RT: 13.774 min Scan# 3474  
Delta R.T. -0.003 min  
Lab File: VL041382.D  
Acq: 22 Jul 2024 11:21

Tgt Ion: 95 Resp: 1779184  
Ion Ratio Lower Upper  
95 100  
174 67.7 53.1 79.7  
175 4.8 4.0 6.0

