

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120920\  
 Data File : VY003698.D  
 Acq On : 09 Dec 2020 14:17  
 Operator : SY/MD  
 Sample : VIBLK89  
 Misc : 5.00G/10ML/MSVOA Y/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VIBLK89

Quant Time: Dec 10 03:17:20 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\SOM2YLM120420S.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Dec 10 02:27:01 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 8.70  | 114  | 227887   | 25.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 11.49 | 117  | 217671   | 25.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 13.43 | 152  | 105664   | 25.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 2.25   | 65    | 58217    | 18.07    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 72.28% |
| 7) Chloroethane-d5             | 2.77   | 69    | 49650    | 20.42    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 150 | Recovery | =    | 81.68% |
| 10) 1,1-Dichloroethene-d2      | 3.86   | 63    | 94217    | 15.53    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 110 | Recovery | =    | 62.12% |
| 20) 2-Butanone-d5              | 6.90   | 46    | 44445    | 38.68    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 77.36% |
| 24) Chloroform-d               | 7.49   | 84    | 129553   | 22.09    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 40 - 150 | Recovery | =    | 88.36% |
| 26) 1,2-Dichloroethane-d4      | 8.15   | 65    | 69535    | 21.07    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 130 | Recovery | =    | 84.28% |
| 29) Benzene-d6                 | 8.12   | 84    | 277046   | 21.98    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 20 - 135 | Recovery | =    | 87.92% |
| 33) 1,2-Dichloropropane-d6     | 9.12   | 67    | 82687    | 22.17    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 70 - 120 | Recovery | =    | 88.68% |
| 37) Toluene-d8                 | 10.18  | 98    | 255560   | 22.62    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 130 | Recovery | =    | 90.48% |
| 38) trans-1,3-Dichloropropene- | 10.44  | 79    | 37995    | 21.32    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 30 - 135 | Recovery | =    | 85.28% |
| 39) 2-Hexanone-d5              | 10.79  | 63    | 37030    | 39.63    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 20 - 135 | Recovery | =    | 79.26% |
| 48) 1,1,2,2-Tetrachloroethane- | 12.56  | 84    | 66888    | 20.13    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 45 - 120 | Recovery | =    | 80.52% |
| 61) 1,2-Dichlorobenzene-d4     | 13.72  | 152   | 92885    | 24.19    | ug/L | 0.00   |
| Spiked Amount                  | 25.000 | Range | 75 - 120 | Recovery | =    | 96.76% |

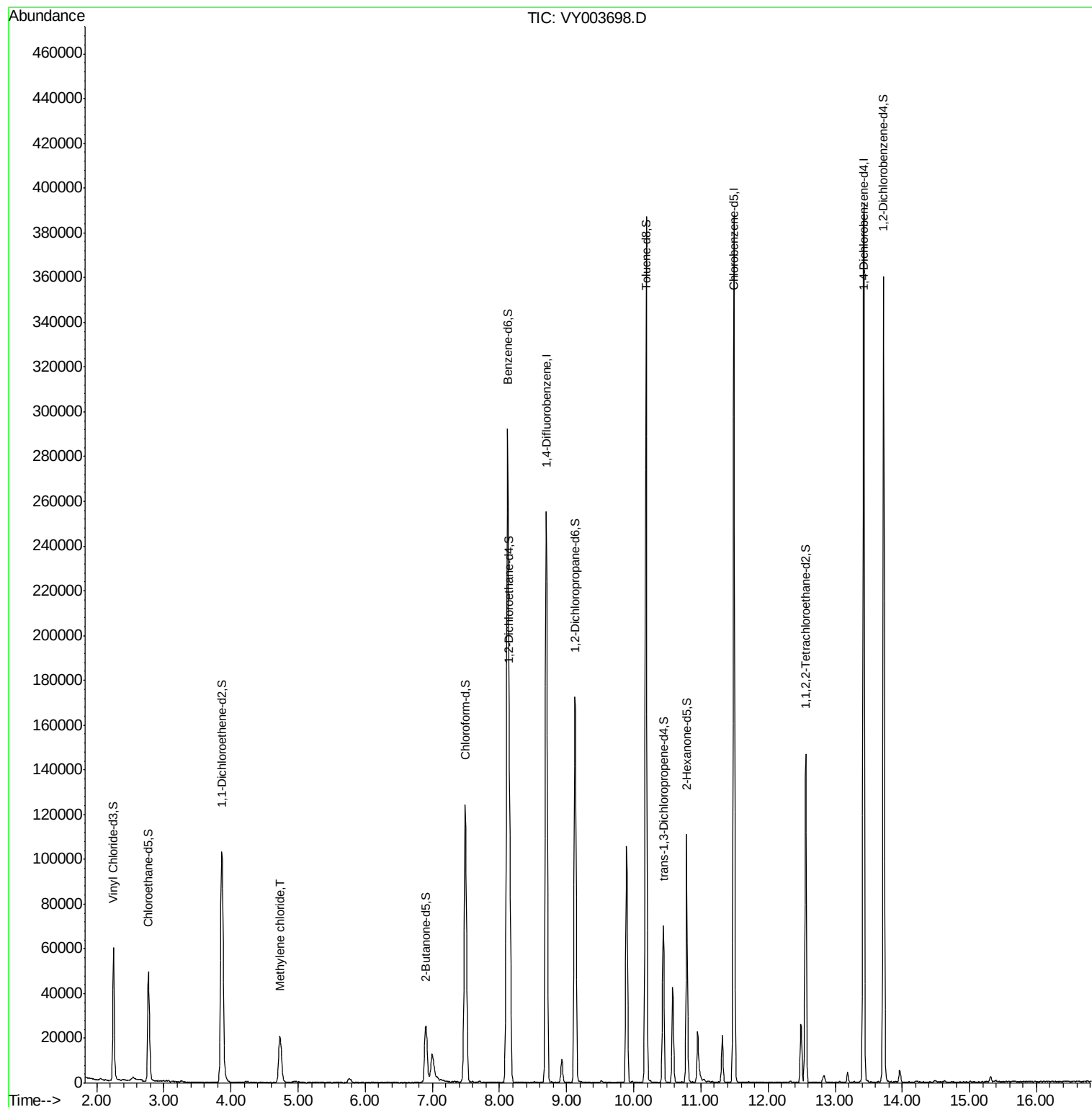
| Target Compounds       |      |    |       |            | Ovalue |
|------------------------|------|----|-------|------------|--------|
| 16) Methylene chloride | 4.73 | 84 | 15879 | 3.968 ug/L | 95     |

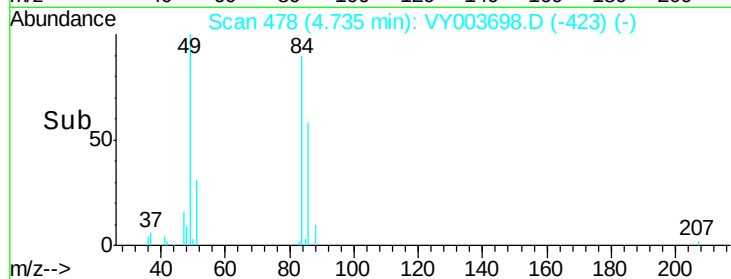
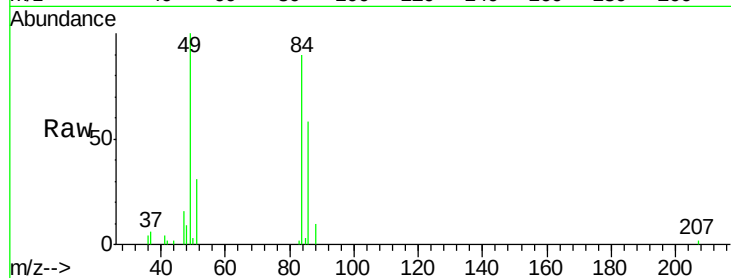
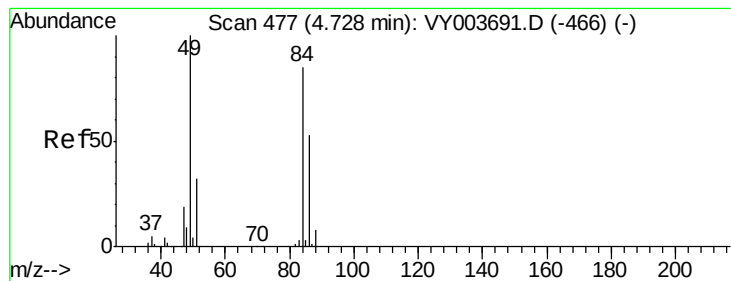
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY120920\  
Data File : VY003698.D  
Acq On : 09 Dec 2020 14:17  
Operator : SY/MD  
Sample : VIBLK89  
Misc : 5.00G/10ML/MSVOA Y/SOIL  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK89

Quant Time: Dec 10 03:17:20 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\SOM2YLM120420S.M  
Quant Title : VOC Analysis  
QLast Update : Thu Dec 10 02:27:01 2020  
Response via : Initial Calibration





#16  
Methylene chloride  
Concen: 3.968 ug/L  
RT: 4.73 min Scan# 478  
Delta R.T. 0.01 min  
Lab File: VY003698.D  
Acq: 09 Dec 2020 14:17

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VIBLK89

Tot Ion: 84 Resp: 15879  
Ion Ratio Lower Upper  
84 100  
49 111.2 83.7 155.4  
86 64.5 45.0 83.6

