

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX042023\  
 Data File : VX035205.D  
 Acq On : 20 Apr 2023 10:29  
 Operator : JC/MD  
 Sample : VX0420WBL01  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VBLK626

Quant Time: Apr 20 23:27:59 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML041823WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 20 23:27:37 2023  
 Response via : Initial Calibration

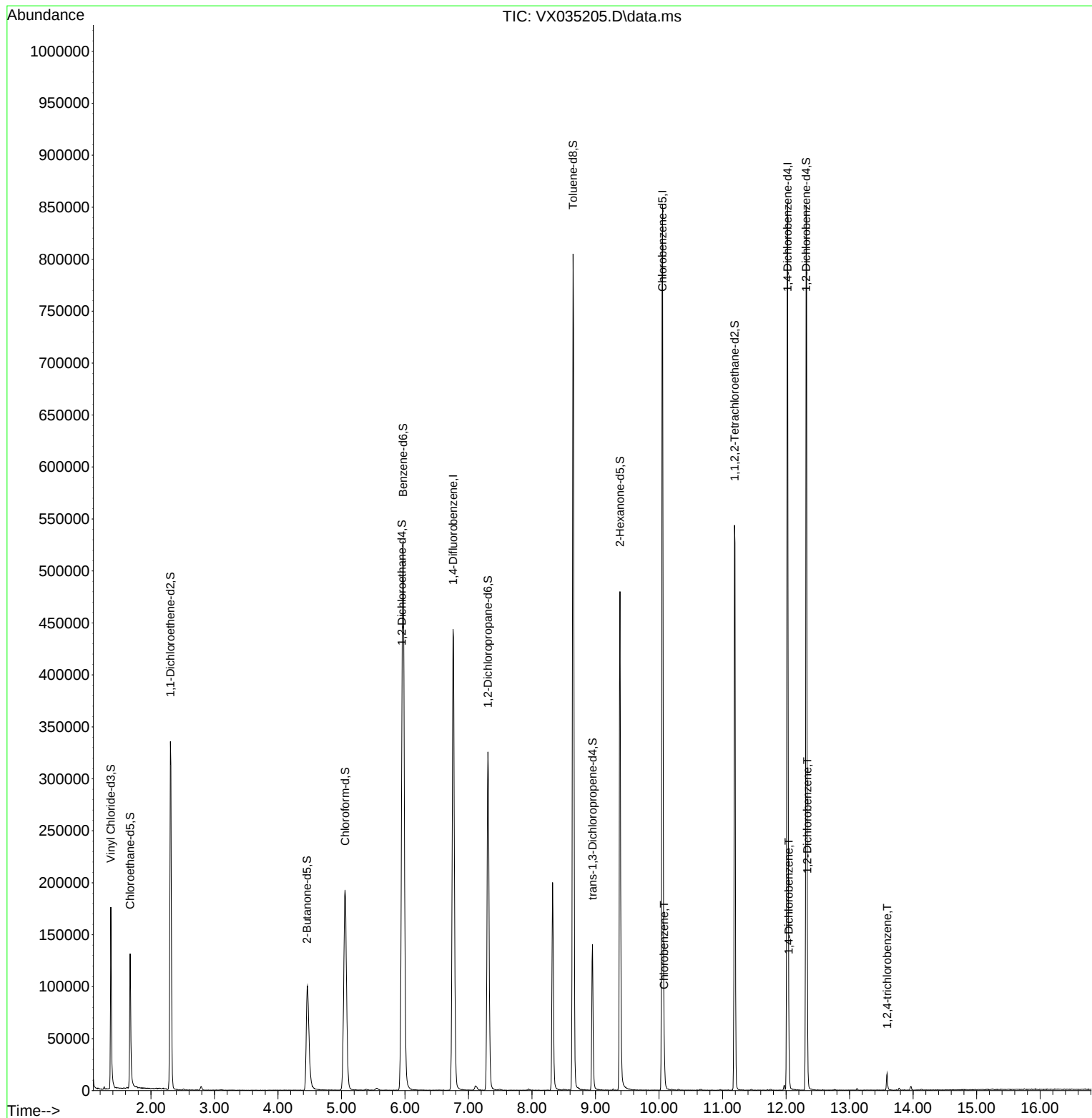
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.757   | 114   | 462573   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 394188   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 186423   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 116363   | 39.013   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 78.020%  |
| 7) Chloroethane-d5            | 1.672   | 69    | 90895    | 42.174   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 84.340%  |
| 11) 1,1-Dichloroethene-d2     | 2.306   | 65    | 59950    | 42.007   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 84.020%  |
| 21) 2-Butanone-d5             | 4.458   | 46    | 194255   | 97.731   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 97.730%  |
| 24) Chloroform-d              | 5.056   | 84    | 250761   | 44.643   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 89.280%  |
| 26) 1,2-Dichloroethane-d4     | 5.952   | 65    | 170283   | 47.208   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.420%  |
| 32) Benzene-d6                | 5.970   | 84    | 541507   | 47.822   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 95.640%  |
| 36) 1,2-Dichloropropane-d6    | 7.306   | 67    | 167985   | 48.566   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 97.140%  |
| 41) Toluene-d8                | 8.647   | 98    | 478600   | 46.247   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 92.500%  |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 66185    | 43.784   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 87.560%  |
| 47) 2-Hexanone-d5             | 9.384   | 63    | 138812   | 99.936   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 99.940%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189  | 84    | 210481   | 49.688   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 99.380%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.317  | 152   | 175884   | 48.685   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 97.380%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 51) Chlorobenzene             | 10.079  | 112   | 14198    | 1.740    | ug/L   | 96       |
| 65) 1,4-Dichlorobenzene       | 12.042  | 146   | 13651    | 2.308    | ug/L   | 96       |
| 67) 1,2-Dichlorobenzene       | 12.335  | 146   | 8924     | 1.522    | ug/L   | 95       |
| 70) 1,2,4-trichlorobenzene    | 13.591  | 180   | 4626     | 1.382    | ug/L   | 92       |
| -----                         |         |       |          |          |        |          |

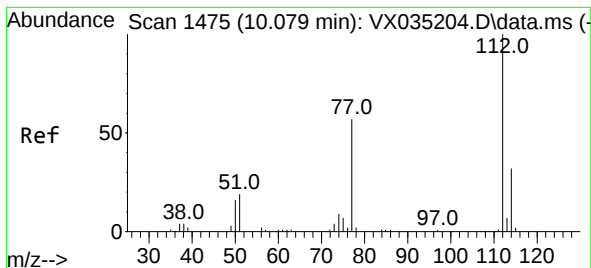
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Thu Apr 20 23:27:37 2023  
Response via : Initial Calibration





#51

Chlorobenzene

Concen: 1.740 ug/L

RT: 10.079 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VX035205.D

Acq: 20 Apr 2023 10:29

Instrument :

MSVOA\_X

ClientSampleId :

VBLK626

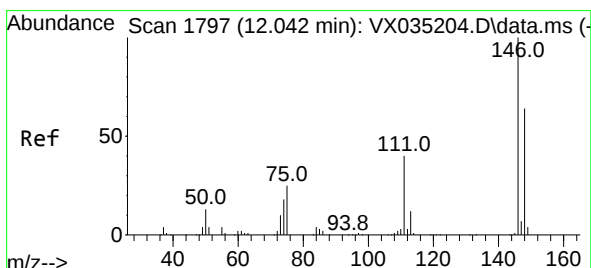
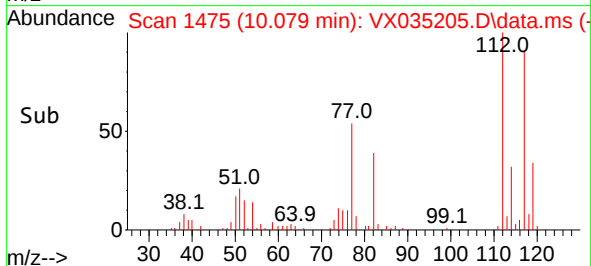
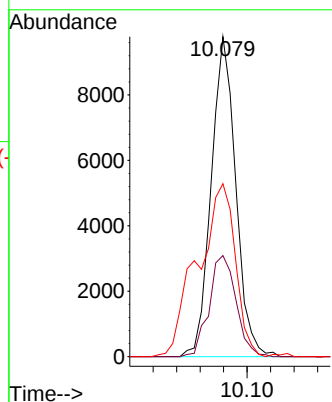
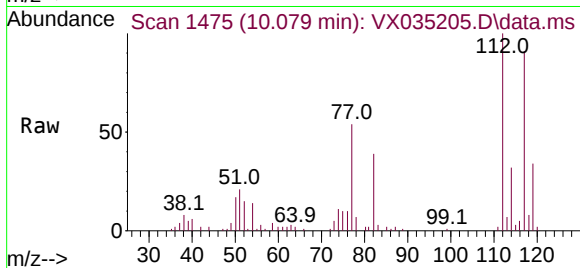
Tgt Ion:112 Resp: 14198

Ion Ratio Lower Upper

112 100

114 31.6 22.4 41.6

77 54.0 47.0 70.6



#65

1,4-Dichlorobenzene

Concen: 2.308 ug/L

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX035205.D

Acq: 20 Apr 2023 10:29

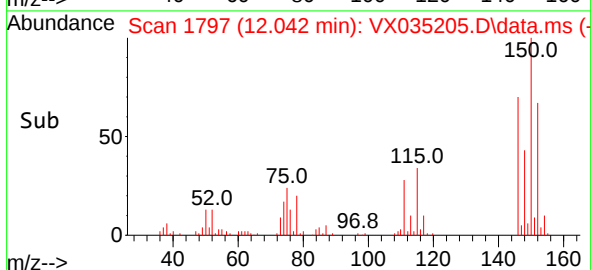
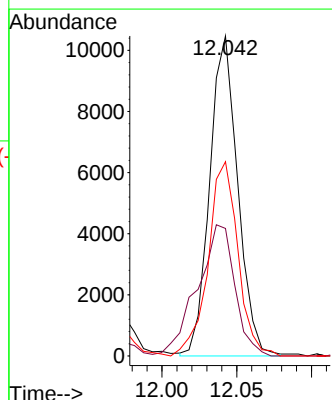
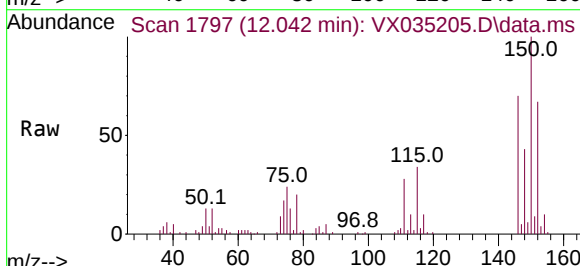
Tgt Ion:146 Resp: 13651

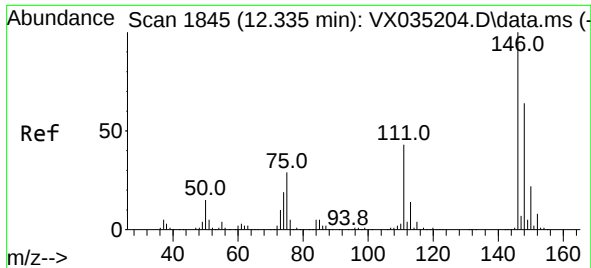
Ion Ratio Lower Upper

146 100

111 39.9 27.9 51.7

148 60.7 45.9 85.3





#67

1,2-Dichlorobenzene

Concen: 1.522 ug/L

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX035205.D

Acq: 20 Apr 2023 10:29

Instrument :

MSVOA\_X

ClientSampleId :

VBLK626

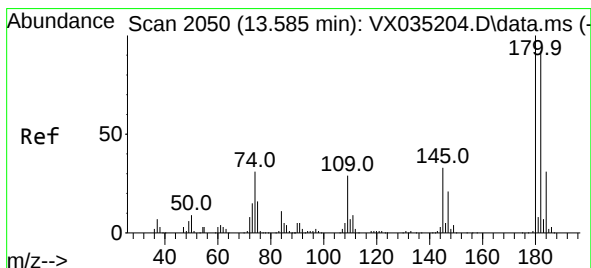
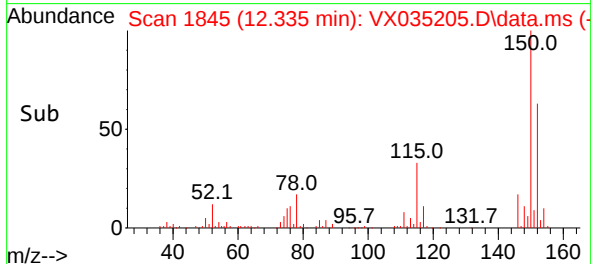
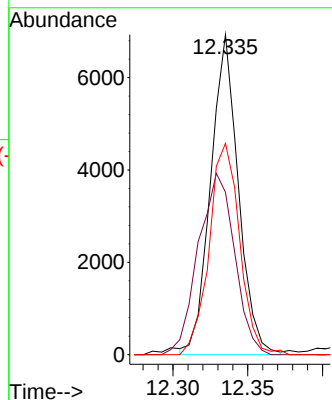
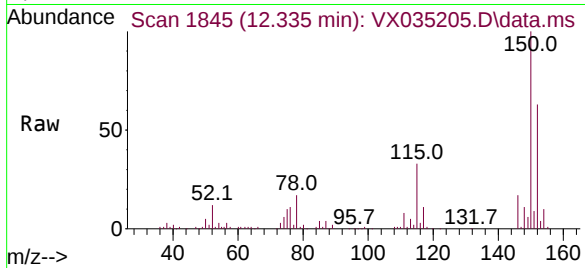
Tgt Ion:146 Resp: 8924

Ion Ratio Lower Upper

146 100

111 50.8 34.7 52.1

148 66.1 52.1 78.1



#70

1,2,4-trichlorobenzene

Concen: 1.382 ug/L

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX035205.D

Acq: 20 Apr 2023 10:29

Tgt Ion:180 Resp: 4626

Ion Ratio Lower Upper

180 100

182 87.2 76.6 114.8

145 29.4 26.2 39.4

