

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072224\  
 Data File : VX042445.D  
 Acq On : 22 Jul 2024 13:31  
 Operator : JC/MD  
 Sample : VIBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jul 23 05:15:59 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXMLM070324WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jul 20 01:45:50 2024  
 Response via : Initial Calibration

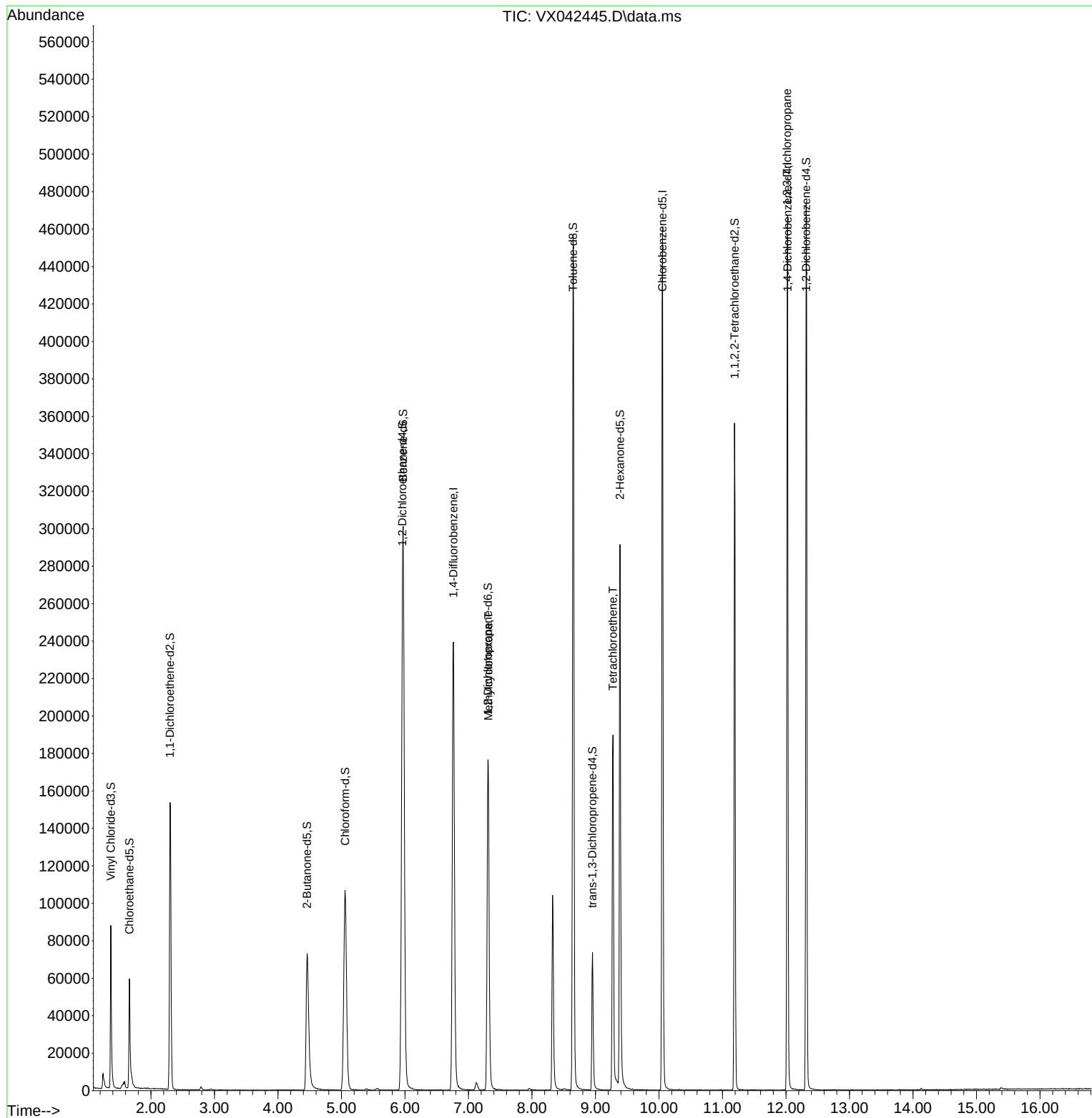
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763   | 114   | 264461   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 225022   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 109208   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 60048    | 39.009   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 78.020%  |
| 7) Chloroethane-d5            | 1.660   | 69    | 47402    | 48.908   | ug/L   | 0.01     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 97.820%  |
| 11) 1,1-Dichloroethene-d2     | 2.301   | 65    | 27913    | 41.432   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 82.860%  |
| 21) 2-Butanone-d5             | 4.459   | 46    | 127936   | 115.330  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 115.330% |
| 24) Chloroform-d              | 5.056   | 84    | 140778   | 45.485   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 90.960%  |
| 26) 1,2-Dichloroethane-d4     | 5.958   | 65    | 93410    | 51.132   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 102.260% |
| 32) Benzene-d6                | 5.971   | 84    | 315642   | 54.268   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 108.540% |
| 36) 1,2-Dichloropropane-d6    | 7.306   | 67    | 96350    | 55.046   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 110.100% |
| 41) Toluene-d8                | 8.647   | 98    | 279599   | 51.585   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 103.160% |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 37372    | 49.402   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 98.800%  |
| 47) 2-Hexanone-d5             | 9.385   | 63    | 85032    | 107.023  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 107.020% |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189  | 84    | 135549   | 52.381   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 104.760% |
| 66) 1,2-Dichlorobenzene-d4    | 12.317  | 152   | 108651   | 51.222   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 102.440% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 35) Methylcyclohexane         | 7.312   | 83    | 23450    | 9.383    | ug/L # | 21       |
| 46) Tetrachloroethene         | 9.275   | 164   | 42839    | 27.766   | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 12.018  | 75    | 10517    | 5.423    | ug/L # | 63       |
| -----                         |         |       |          |          |        |          |

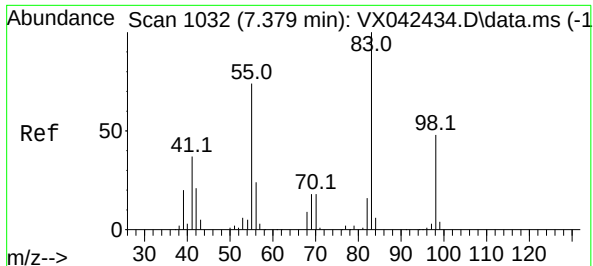
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Sat Jul 20 01:45:50 2024  
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 9.383 ug/L

RT: 7.312 min Scan# 1

Delta R.T. -0.067 min

Lab File: VX042445.D

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Instrument :

MSVOA\_X

ClientSampleId :

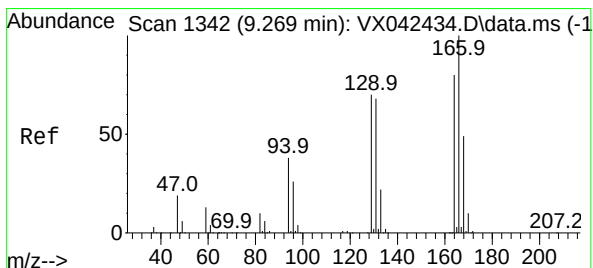
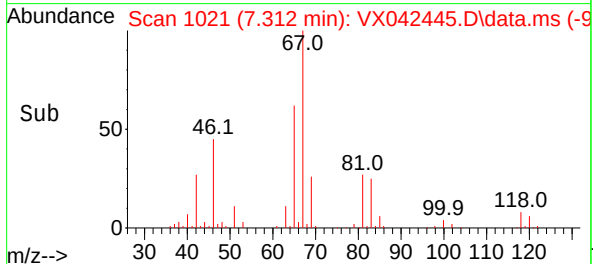
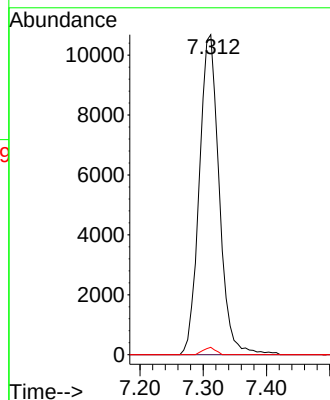
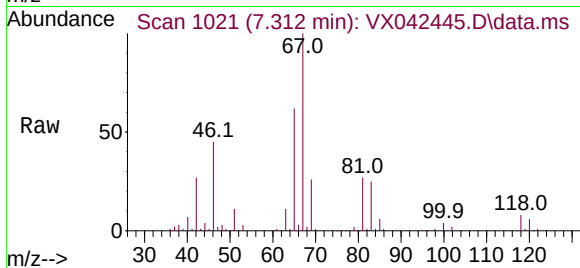
Tgt Ion: 83 Resp: 23450

Ion Ratio Lower Upper

83 100

55 0.0 56.4 84.6#

98 1.4 40.4 60.6#



#46

Tetrachloroethene

Concen: 27.766 ug/L

RT: 9.275 min Scan# 1343

Delta R.T. 0.006 min

Lab File: VX042445.D

Acq: 22 Jul 2024 13:31

Tgt Ion:164 Resp: 42839

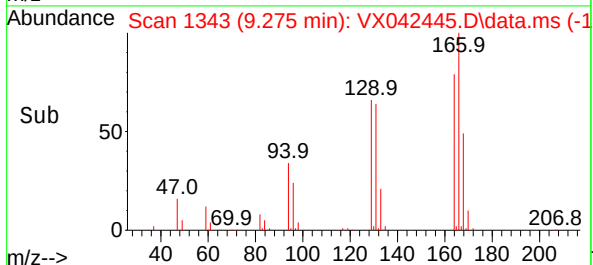
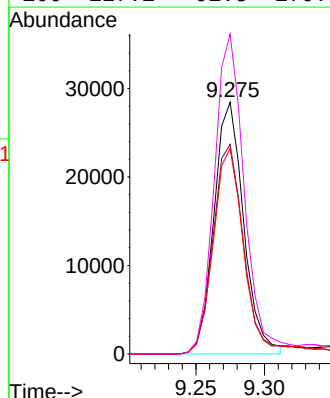
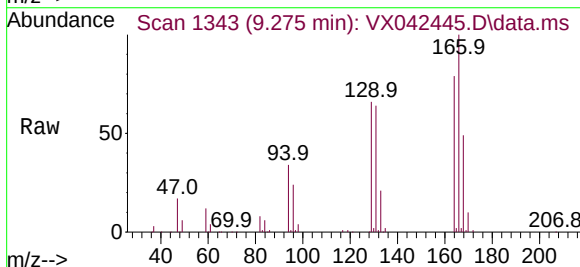
Ion Ratio Lower Upper

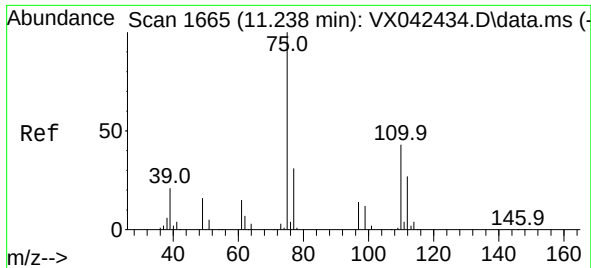
164 100

129 83.3 58.6 108.8

131 81.6 57.9 107.5

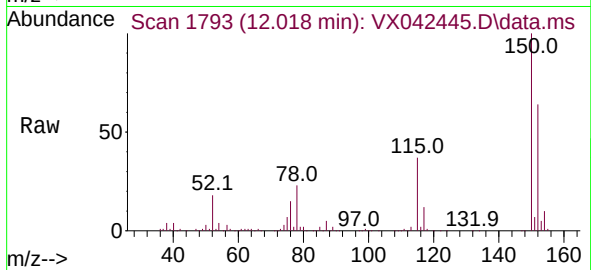
166 127.1 91.8 170.4





#61  
 1,2,3-Trichloropropane  
 Concen: 5.423 ug/L  
 RT: 12.018 min Scan# 11  
 Delta R.T. 0.780 min  
 Lab File: VX042445.D  
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Instrument :  
 MSVOA\_X  
 ClientSampleId :



Tgt Ion: 75 Resp: 10517  
 Ion Ratio Lower Upper  
 75 100  
 77 32.5 25.8 38.8  
 110 2.9 35.4 53.0#

