

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080622\  
 Data File : VX030490.D  
 Acq On : 07 Aug 2022 02:06  
 Operator : JC/MD  
 Sample : VIBLK  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Aug 07 05:47:47 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML080422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 06 02:08:42 2022  
 Response via : Initial Calibration

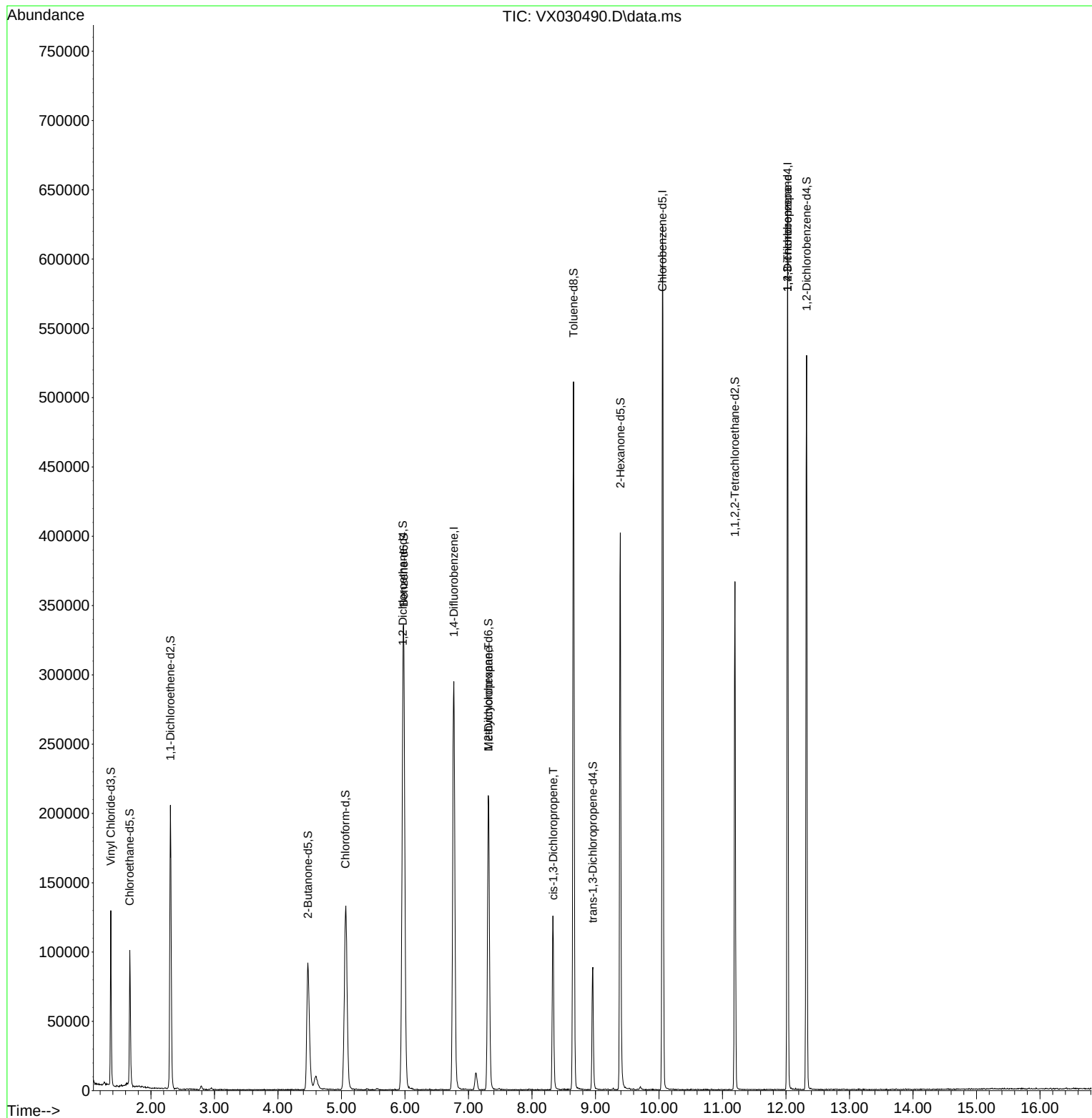
| Compound                      | R.T.    | QIon           | Response | Conc   | Units   | Dev(Min) |
|-------------------------------|---------|----------------|----------|--------|---------|----------|
| Internal Standards            |         |                |          |        |         |          |
| 1) 1,4-Difluorobenzene        | 6.769   | 114            | 291114   | 50.000 | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117            | 264684   | 50.000 | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152            | 115322   | 50.000 | ug/L    | 0.00     |
| System Monitoring Compounds   |         |                |          |        |         |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65             | 74482    | 39.841 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =      | 79.680% |          |
| 7) Chloroethane-d5            | 1.666   | 69             | 58634    | 44.491 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =      | 88.980% |          |
| 11) 1,1-Dichloroethene-d2     | 2.307   | 63             | 112902   | 31.926 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =      | 63.860% |          |
| 21) 2-Butanone-d5             | 4.471   | 46             | 161864   | 93.446 | ug/L    | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =      | 93.450% |          |
| 24) Chloroform-d              | 5.062   | 84             | 162760   | 42.293 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 84.580% |          |
| 26) 1,2-Dichloroethane-d4     | 5.964   | 65             | 113879   | 43.581 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 87.160% |          |
| 32) Benzene-d6                | 5.983   | 84             | 319314   | 42.116 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =      | 84.240% |          |
| 36) 1,2-Dichloropropane-d6    | 7.312   | 67             | 106501   | 43.295 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =      | 86.600% |          |
| 41) Toluene-d8                | 8.653   | 98             | 286074   | 40.029 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =      | 80.060% |          |
| 43) trans-1,3-Dichloroprop... | 8.958   | 79             | 42628    | 34.834 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =      | 69.660% |          |
| 47) 2-Hexanone-d5             | 9.391   | 63             | 108163   | 86.265 | ug/L    | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =      | 86.270% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84             | 134371   | 41.582 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =      | 83.160% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152            | 99720    | 44.582 | ug/L    | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =      | 89.160% |          |
| Target Compounds              |         |                |          |        |         |          |
| 35) Methylcyclohexane         | 7.312   | 83             | 24723    | 6.909  | ug/L #  | 18       |
| 39) cis-1,3-Dichloropropene   | 8.336   | 75             | 3202     | 0.951  | ug/L    | 88       |
| 61) 1,2,3-Trichloropropane    | 12.024  | 75             | 14991    | 6.053  | ug/L #  | 67       |

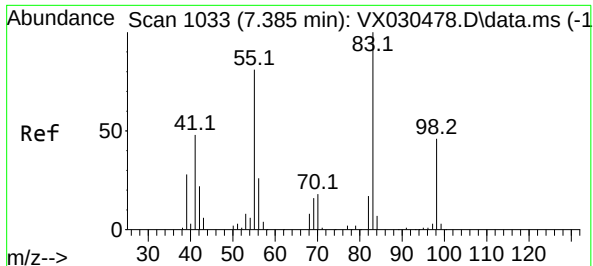
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML080422WMA.M  
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QLast Update : Sat Aug 06 02:08:42 2022  
Response via : Initial Calibration





#35

Methylcyclohexane

Concen: 6.909 ug/L

RT: 7.312 min Scan# 110

Delta R.T. -0.073 min

Lab File: VX030490.D

Acq: 07 Aug 2022 02:06

Instrument :

MSVOA\_X

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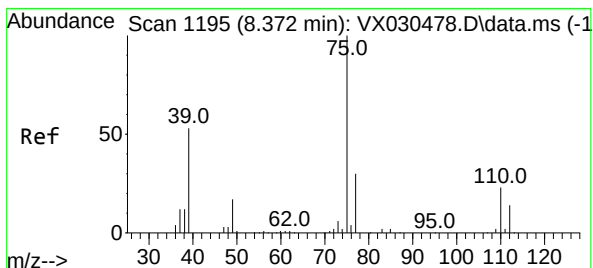
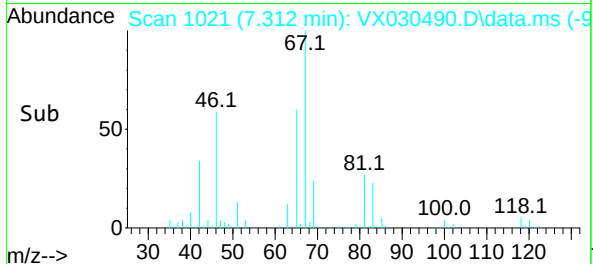
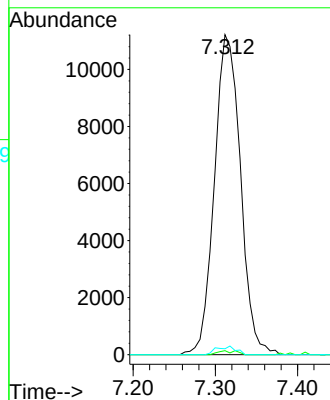
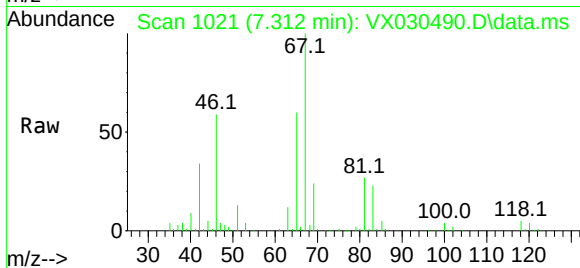
Tgt Ion: 83 Resp: 24723

Ion Ratio Lower Upper

83 100

55 0.5 64.0 96.0#

98 0.9 36.7 55.1#



#39

cis-1,3-Dichloropropene

Concen: 0.951 ug/L

RT: 8.336 min Scan# 1189

Delta R.T. -0.037 min

Lab File: VX030490.D

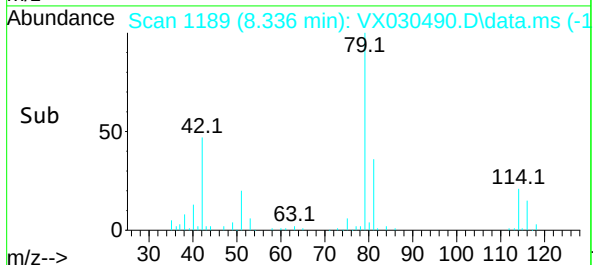
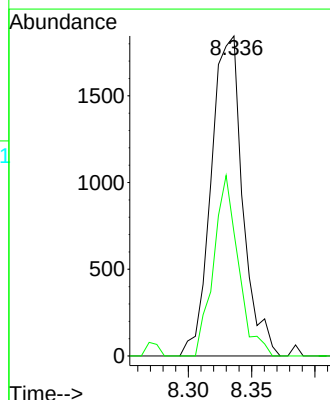
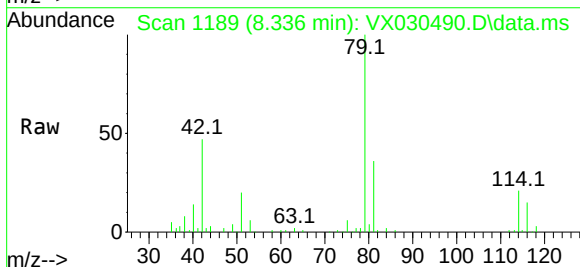
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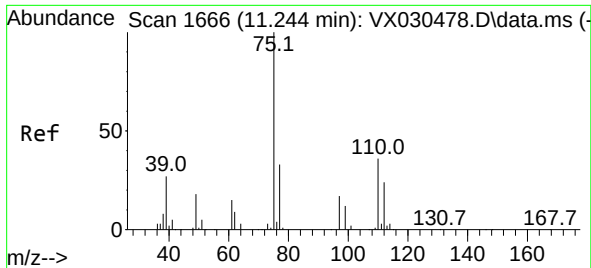
Tgt Ion: 75 Resp: 3202

Ion Ratio Lower Upper

75 100

77 38.6 22.4 41.6





#61

1,2,3-Trichloropropane

Concen: 6.053 ug/L

RT: 12.024 min Scan# 11

Delta R.T. 0.780 min

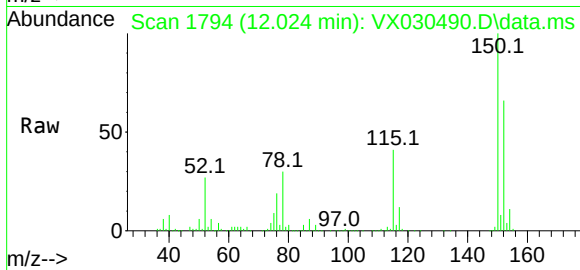
Lab File: VX030490.D

Acq: 07 Aug 2022 02:06

Instrument :

MSVOA\_X

ClientSampleId :



Tgt Ion: 75 Resp: 14991

Ion Ratio Lower Upper

75 100

77 34.1 26.1 39.1

110 2.7 30.5 45.7#

