

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122021\  
 Data File : VX025925.D  
 Acq On : 20 Dec 2021 19:38  
 Operator : JC/MD  
 Sample : M5150-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Dec 21 02:04:10 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML122021WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Dec 21 01:32:07 2021  
 Response via : Initial Calibration

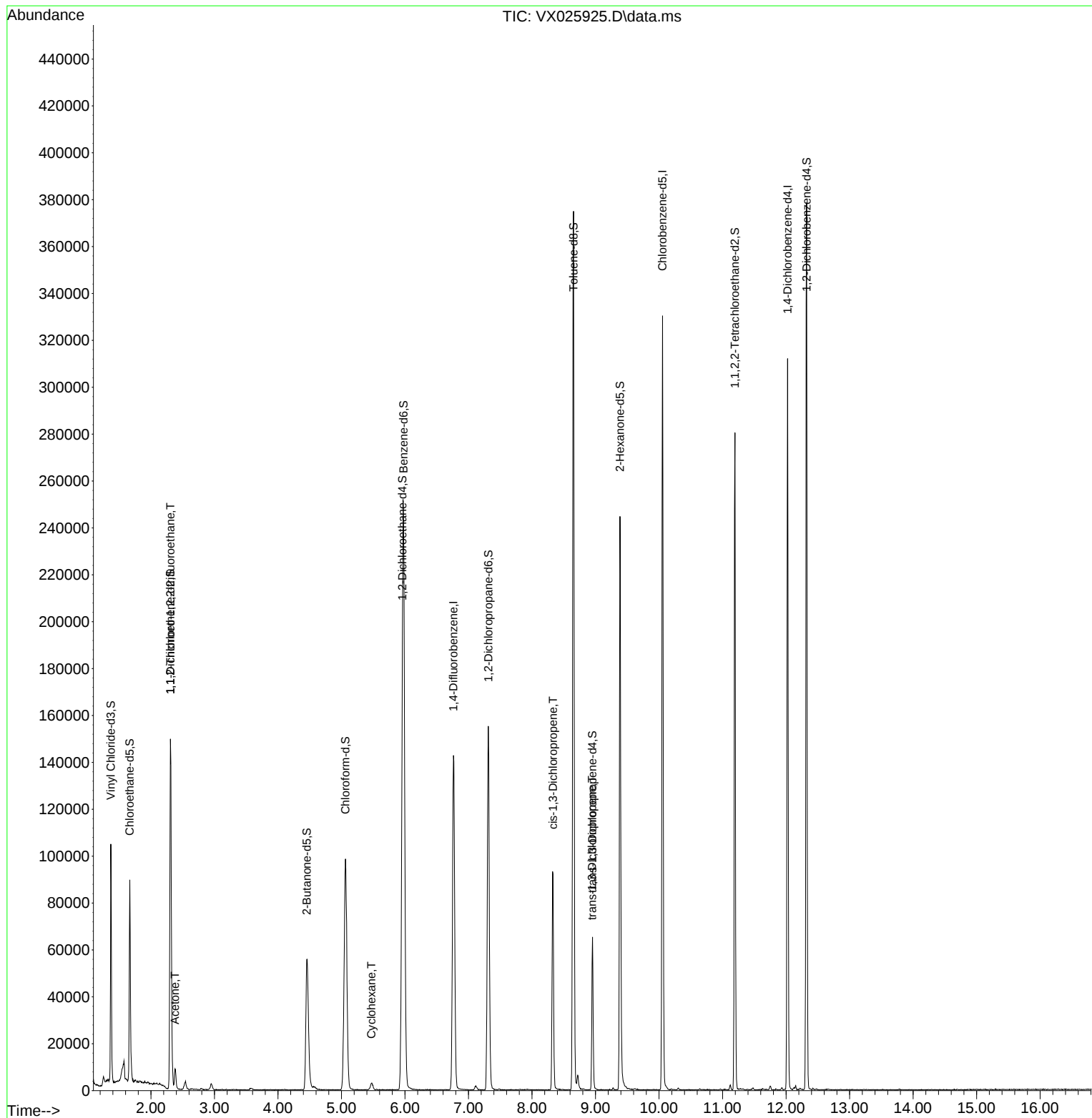
| Compound                      | R.T. QIon |       | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------|------------|----------|
| -----                         |           |       |          |          |            |          |
| Internal Standards            |           |       |          |          |            |          |
| 1) 1,4-Difluorobenzene        | 6.763     | 114   | 145762   | 50.000   | ug/L       | 0.00     |
| 28) Chlorobenzene-d5          | 10.055    | 117   | 142320   | 50.000   | ug/L       | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024    | 152   | 61250    | 50.000   | ug/L       | 0.00     |
| System Monitoring Compounds   |           |       |          |          |            |          |
| 4) Vinyl Chloride-d3          | 1.368     | 65    | 62305    | 53.019   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 60 - 135 | Recovery | = 106.040% |          |
| 7) Chloroethane-d5            | 1.666     | 69    | 54575    | 55.614   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 130 | Recovery | = 111.220% |          |
| 11) 1,1-Dichloroethene-d2     | 2.306     | 63    | 87004    | 42.627   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 60 - 125 | Recovery | = 85.260%  |          |
| 21) 2-Butanone-d5             | 4.452     | 46    | 99887    | 117.825  | ug/L       | 0.00     |
| Spiked Amount                 | 100.000   | Range | 40 - 130 | Recovery | = 117.820% |          |
| 24) Chloroform-d              | 5.062     | 84    | 120291   | 53.400   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 125 | Recovery | = 106.800% |          |
| 26) 1,2-Dichloroethane-d4     | 5.958     | 65    | 82000    | 55.813   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 125 | Recovery | = 111.620% |          |
| 32) Benzene-d6                | 5.976     | 84    | 241672   | 56.049   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 125 | Recovery | = 112.100% |          |
| 36) 1,2-Dichloropropane-d6    | 7.312     | 67    | 73123    | 55.679   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 70 - 120 | Recovery | = 111.360% |          |
| 41) Toluene-d8                | 8.653     | 98    | 218562   | 53.385   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 80 - 120 | Recovery | = 106.780% |          |
| 43) trans-1,3-Dichloroprop... | 8.952     | 79    | 27582    | 47.567   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 60 - 125 | Recovery | = 95.140%  |          |
| 47) 2-Hexanone-d5             | 9.384     | 63    | 68636    | 116.263  | ug/L       | 0.00     |
| Spiked Amount                 | 100.000   | Range | 45 - 130 | Recovery | = 116.260% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195    | 84    | 102498   | 55.092   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 65 - 120 | Recovery | = 110.180% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323    | 152   | 73148    | 56.658   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 80 - 120 | Recovery | = 113.320% |          |
| Target Compounds              |           |       |          |          |            |          |
|                               |           |       |          |          | Qvalue     |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.306     | 101   | 884      | 0.930    | ug/L #     | 17       |
| 13) Acetone                   | 2.380     | 43    | 9459     | 13.947   | ug/L       | 95       |
| 29) Cyclohexane               | 5.471     | 56    | 1846     | 1.105    | ug/L #     | 80       |
| 39) cis-1,3-Dichloropropene   | 8.330     | 75    | 2323     | 1.414    | ug/L       | 89       |
| 44) trans-1,3-Dichloropropene | 8.945     | 75    | 1596     | 1.035    | ug/L       | 86       |
| -----                         |           |       |          |          |            |          |

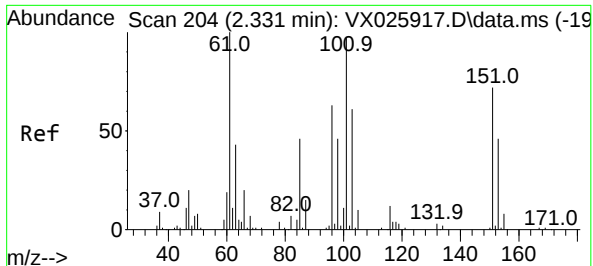
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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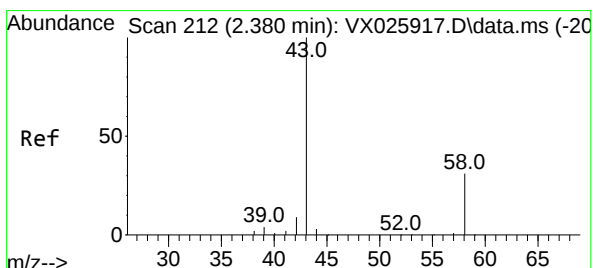
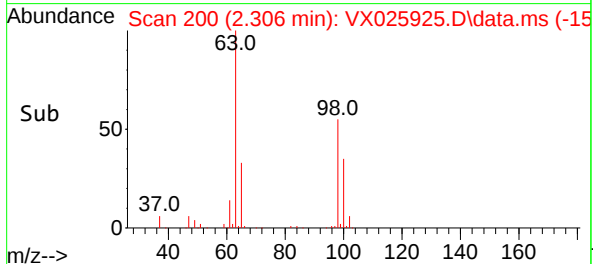
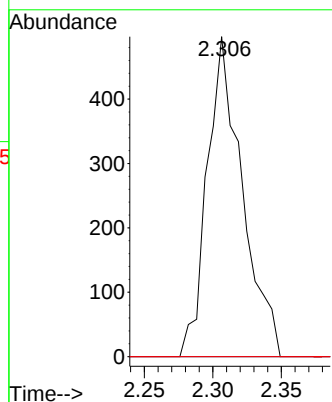
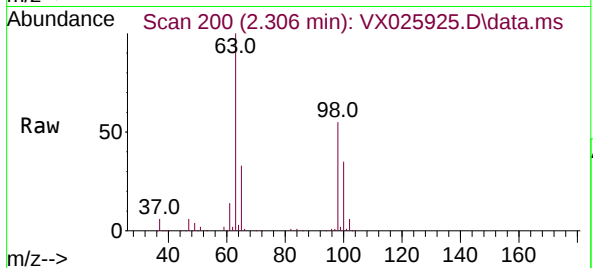




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.930 ug/L  
RT: 2.306 min Scan# 204  
Delta R.T. -0.024 min  
Lab File: VX025925.D  
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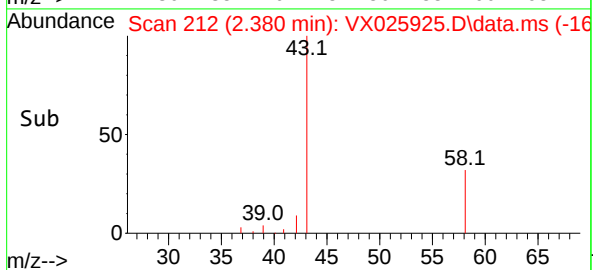
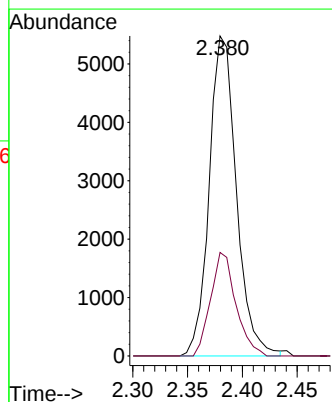
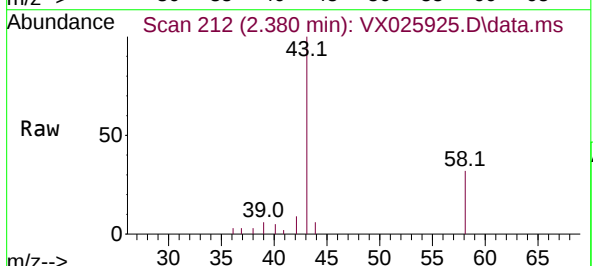
Instrument :  
MSVOA\_X  
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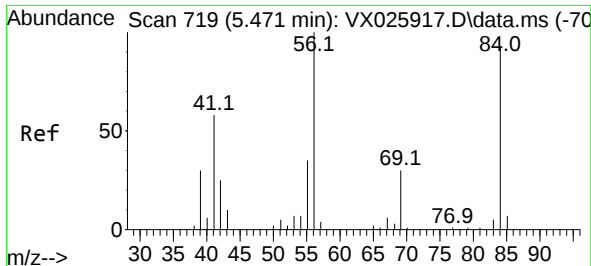
Tgt Ion:101 Resp: 884  
Ion Ratio Lower Upper  
101 100  
85 0.0 34.3 51.5#  
151 0.0 65.2 97.8#



#13  
Acetone  
Concen: 13.947 ug/L  
RT: 2.380 min Scan# 212  
Delta R.T. -0.000 min  
Lab File: VX025925.D  
Acq: 20 Dec 2021 19:38

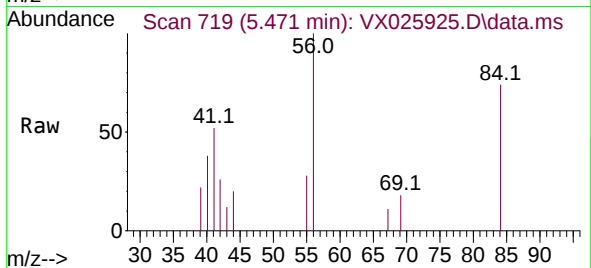
Tgt Ion: 43 Resp: 9459  
Ion Ratio Lower Upper  
43 100  
58 30.1 0.0 65.6



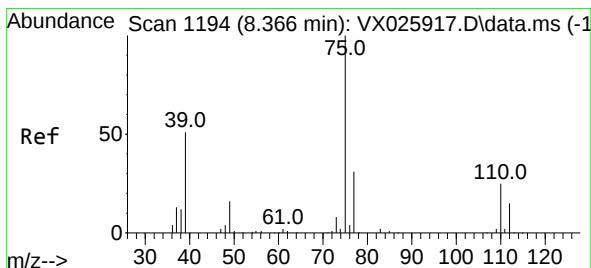
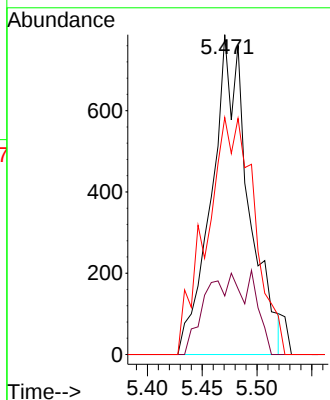
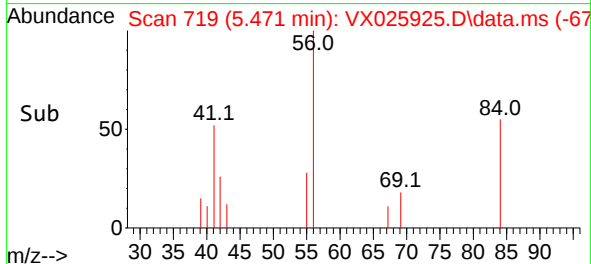


#29  
Cyclohexane  
Concen: 1.105 ug/L  
RT: 5.471 min Scan# 719  
Delta R.T. -0.000 min  
Lab File: VX025925.D  
Acq: 20 Dec 2021 19:38

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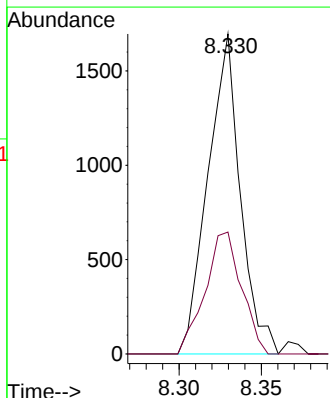
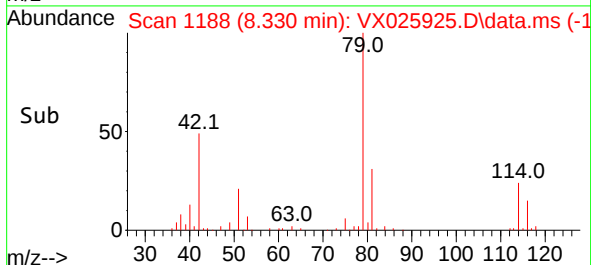
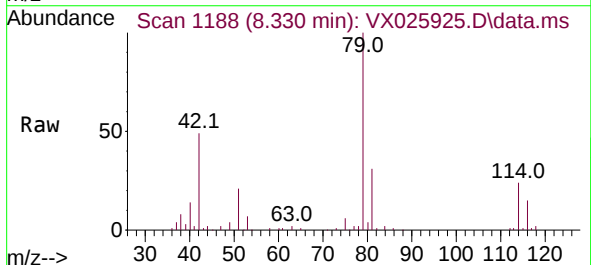


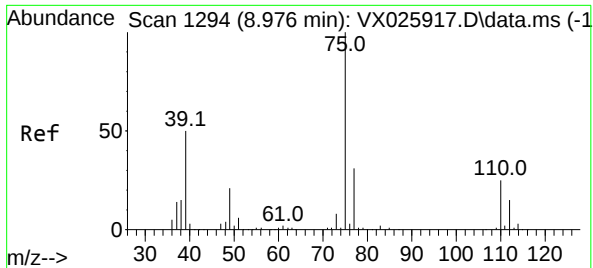
Tgt Ion: 56 Resp: 1846  
Ion Ratio Lower Upper  
56 100  
69 15.4 25.4 38.2#  
84 79.6 76.6 114.8



#39  
cis-1,3-Dichloropropene  
Concen: 1.414 ug/L  
RT: 8.330 min Scan# 1188  
Delta R.T. -0.037 min  
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Tgt Ion: 75 Resp: 2323  
Ion Ratio Lower Upper  
75 100  
77 38.1 22.3 41.3





#44  
 trans-1,3-Dichloropropene  
 Concen: 1.035 ug/L  
 RT: 8.945 min Scan# 11  
 Delta R.T. -0.030 min  
 Lab File: VX025925.D  
 Acq: 20 Dec 2021 19:38

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tgt Ion: 75 Resp: 1596  
 Ion Ratio Lower Upper  
 75 100  
 77 25.0 23.0 42.8

