

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072024\  
 Data File : VX042420.D  
 Acq On : 19 Jul 2024 22:20  
 Operator : JC/MD  
 Sample : P3238-06ME  
 Misc : 5.38g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jul 20 01:59:35 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

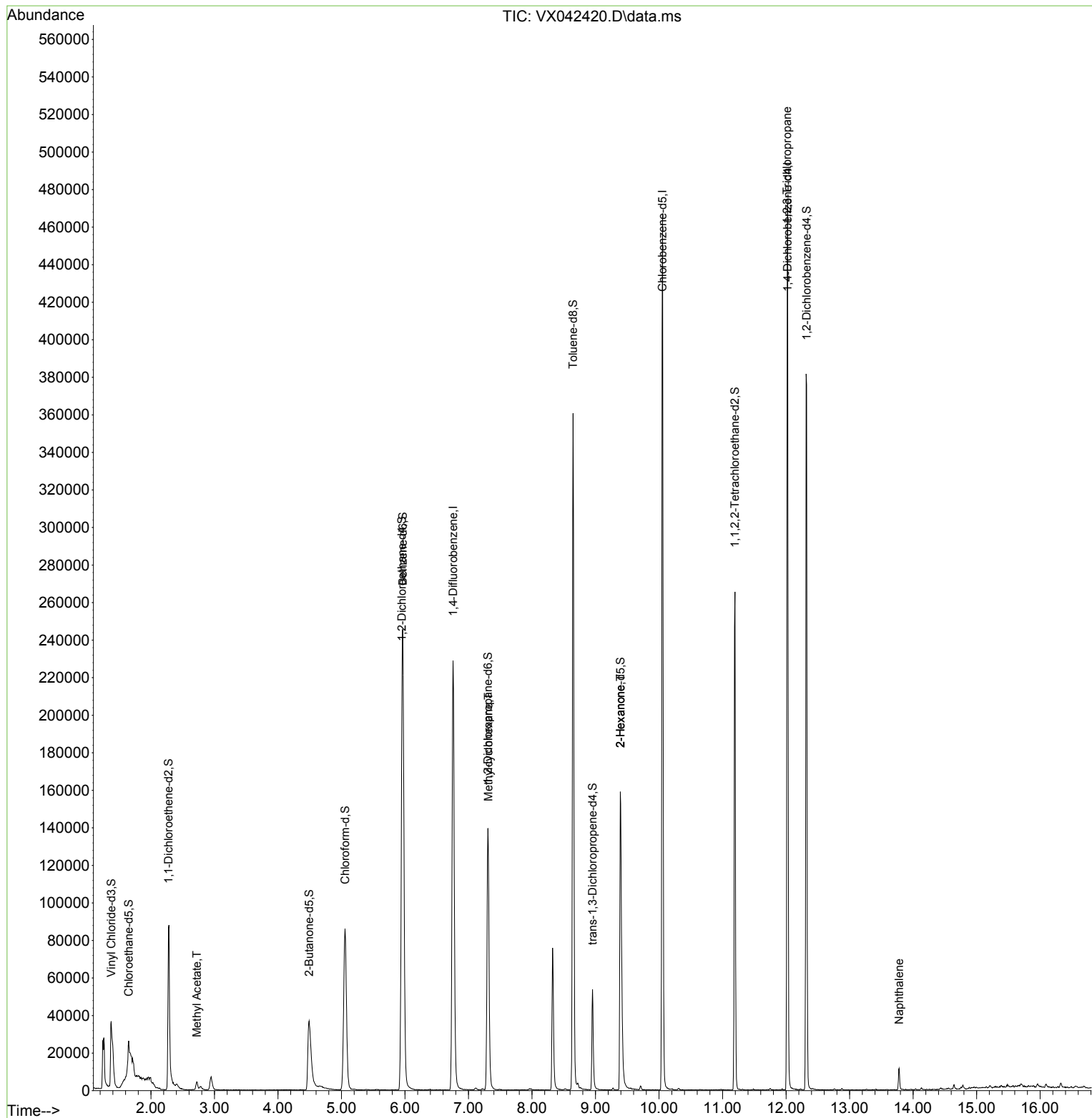
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.757   | 114   | 255128   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 228276   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 112331   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.374   | 65    | 52876    | 35.607   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 71.220%  |
| 7) Chloroethane-d5            | 1.648   | 69    | 27367    | 29.269   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 58.540%# |
| 11) 1,1-Dichloroethene-d2     | 2.276   | 65    | 17829    | 27.432   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 54.860%# |
| 21) 2-Butanone-d5             | 4.489   | 46    | 86804    | 81.114   | ug/L   | 0.03     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 81.110%  |
| 24) Chloroform-d              | 5.056   | 84    | 114726   | 38.423   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 76.840%  |
| 26) 1,2-Dichloroethane-d4     | 5.952   | 65    | 73643    | 41.786   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 83.580%  |
| 32) Benzene-d6                | 5.964   | 84    | 254124   | 43.069   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 86.140%  |
| 36) 1,2-Dichloropropane-d6    | 7.306   | 67    | 76093    | 42.853   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 85.700%  |
| 41) Toluene-d8                | 8.647   | 98    | 223434   | 40.635   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 81.280%  |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 27489    | 35.819   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 71.640%  |
| 47) 2-Hexanone-d5             | 9.391   | 63    | 66296    | 82.252   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 82.250%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 105233   | 40.086   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 80.180%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 91951    | 42.144   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 84.280%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 15) Methyl Acetate            | 2.721   | 43    | 5859     | 3.159    | ug/L   | 99       |
| 35) Methylcyclohexane         | 7.312   | 83    | 18477    | 7.288    | ug/L # | 20       |
| 48) 2-Hexanone                | 9.391   | 43    | 7781     | 4.241    | ug/L # | 67       |
| 61) 1,2,3-Trichloropropane    | 12.018  | 75    | 10748    | 5.388    | ug/L # | 62       |
| 71) Naphthalene               | 13.780  | 128   | 8761     | 1.216    | ug/L   | 99       |
| -----                         |         |       |          |          |        |          |

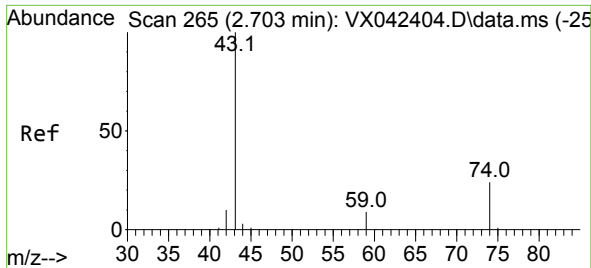
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

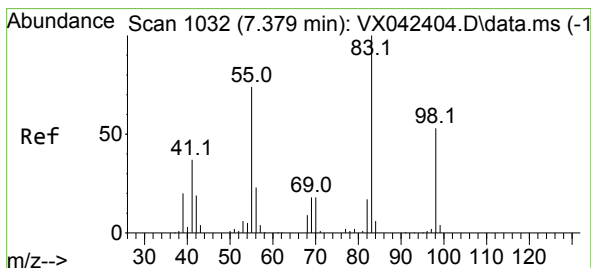
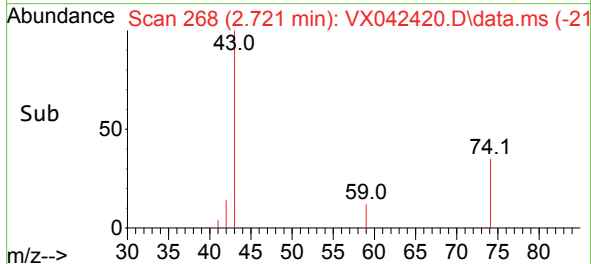
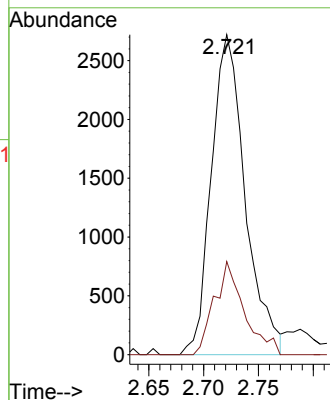
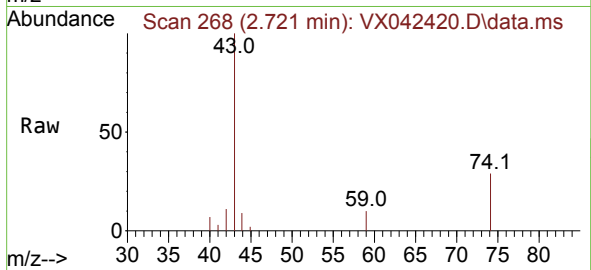




#15  
Methyl Acetate  
Concen: 3.159 ug/L  
RT: 2.721 min Scan# 20  
Delta R.T. 0.018 min  
Lab File: VX042420.D  
Acq: 19 Jul 2024 22:20

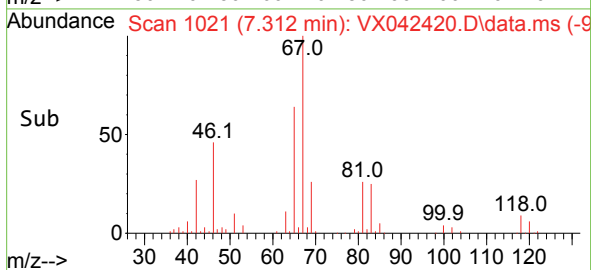
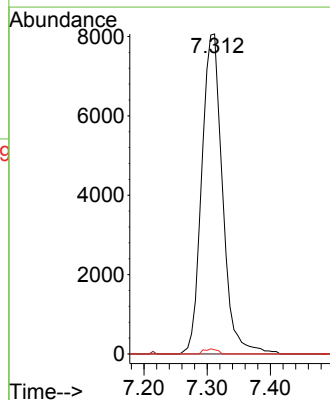
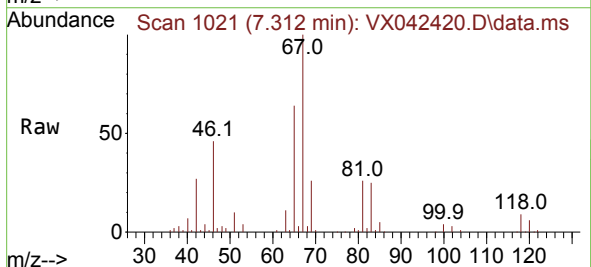
Instrument :  
MSVOA\_X  
ClientSampleId :

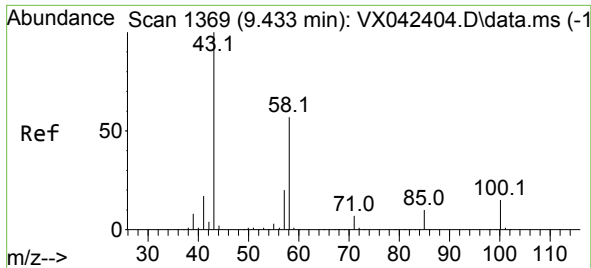
Tgt Ion: 43 Resp: 5859  
Ion Ratio Lower Upper  
43 100  
74 25.6 20.1 30.1



#35  
Methylcyclohexane  
Concen: 7.288 ug/L  
RT: 7.312 min Scan# 1021  
Delta R.T. -0.067 min  
Lab File: VX042420.D  
Acq: 19 Jul 2024 22:20

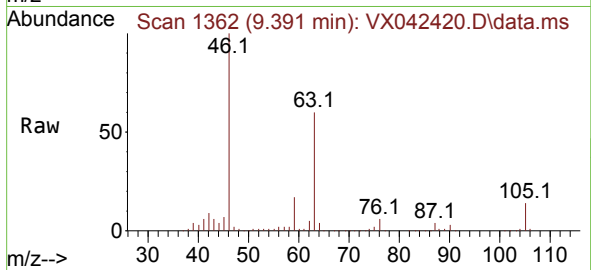
Tgt Ion: 83 Resp: 18477  
Ion Ratio Lower Upper  
83 100  
55 0.0 56.4 84.6#  
98 1.0 40.4 60.6#



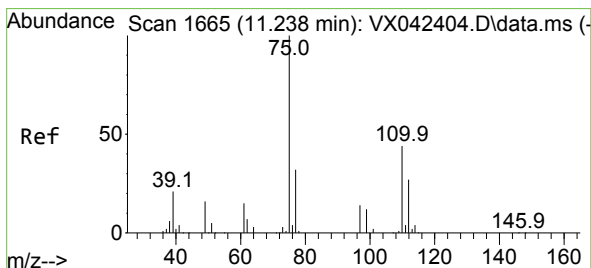
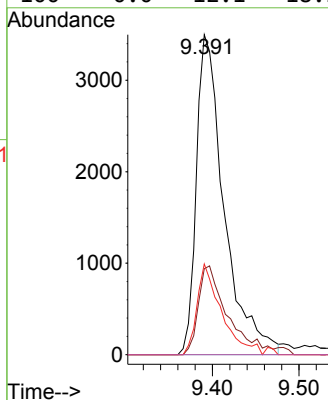
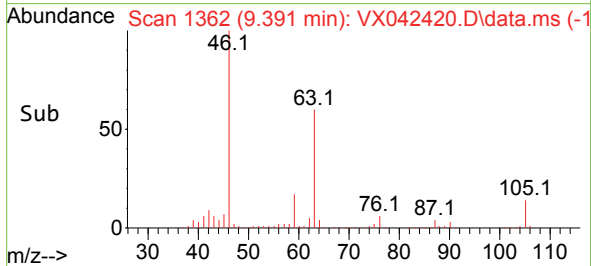


#48  
2-Hexanone  
Concen: 4.241 ug/L  
RT: 9.391 min Scan# 11  
Delta R.T. -0.043 min  
Lab File: VX042420.D  
Acq: 19 Jul 2024 22:20

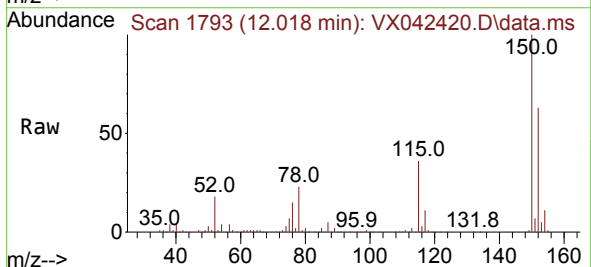
Instrument :  
MSVOA\_X  
ClientSampleId :



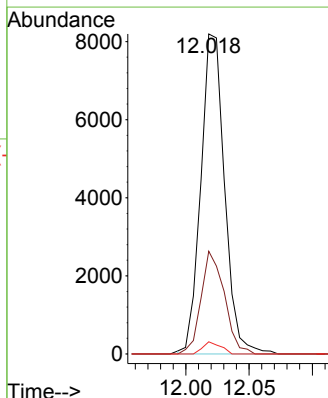
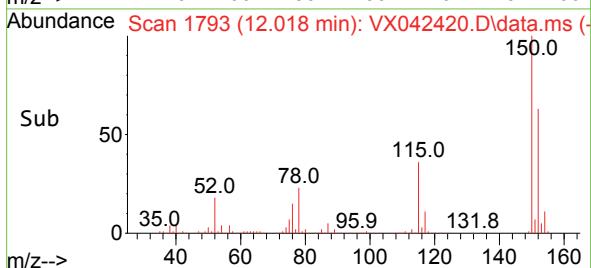
Tgt Ion: 43 Resp: 7781  
Ion Ratio Lower Upper  
43 100  
58 27.4 46.4 69.6#  
57 24.4 16.3 24.5  
100 0.0 12.1 18.1#

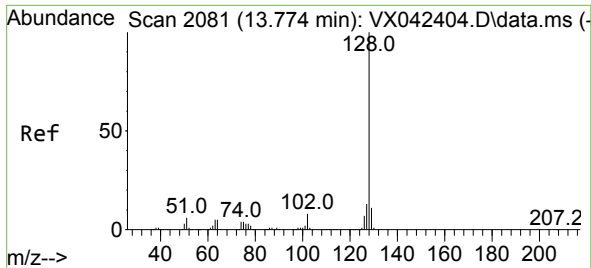


#61  
1,2,3-Trichloropropane  
Concen: 5.388 ug/L  
RT: 12.018 min Scan# 1793  
Delta R.T. 0.780 min  
Lab File: VX042420.D  
Acq: 19 Jul 2024 22:20



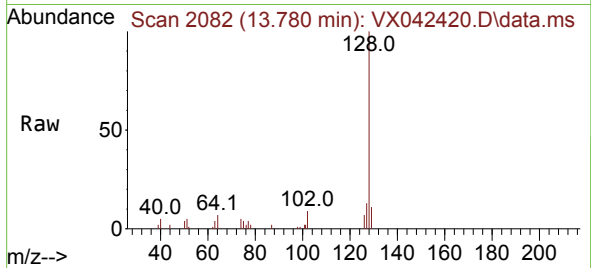
Tgt Ion: 75 Resp: 10748  
Ion Ratio Lower Upper  
75 100  
77 31.4 25.8 38.8  
110 2.8 35.4 53.0#





#71  
Naphthalene  
Concen: 1.216 ug/L  
RT: 13.780 min Scan# 2081  
Delta R.T. 0.006 min  
Lab File: VX042420.D  
Acq: 19 Jul 2024 22:20

Instrument :  
MSVOA\_X  
ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 128   | Resp: | 8761  |
| Ion      | Ratio | Lower | Upper |
| 128      | 100   |       |       |
| 127      | 12.9  | 10.4  | 15.6  |
| 129      | 11.5  | 8.9   | 13.3  |

