

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111921\  
 Data File : VX025216.D  
 Acq On : 18 Nov 2021 18:00  
 Operator : JC/MD  
 Sample : M4677-11  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 19 05:29:20 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML111121WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Nov 19 05:25:45 2021  
 Response via : Initial Calibration

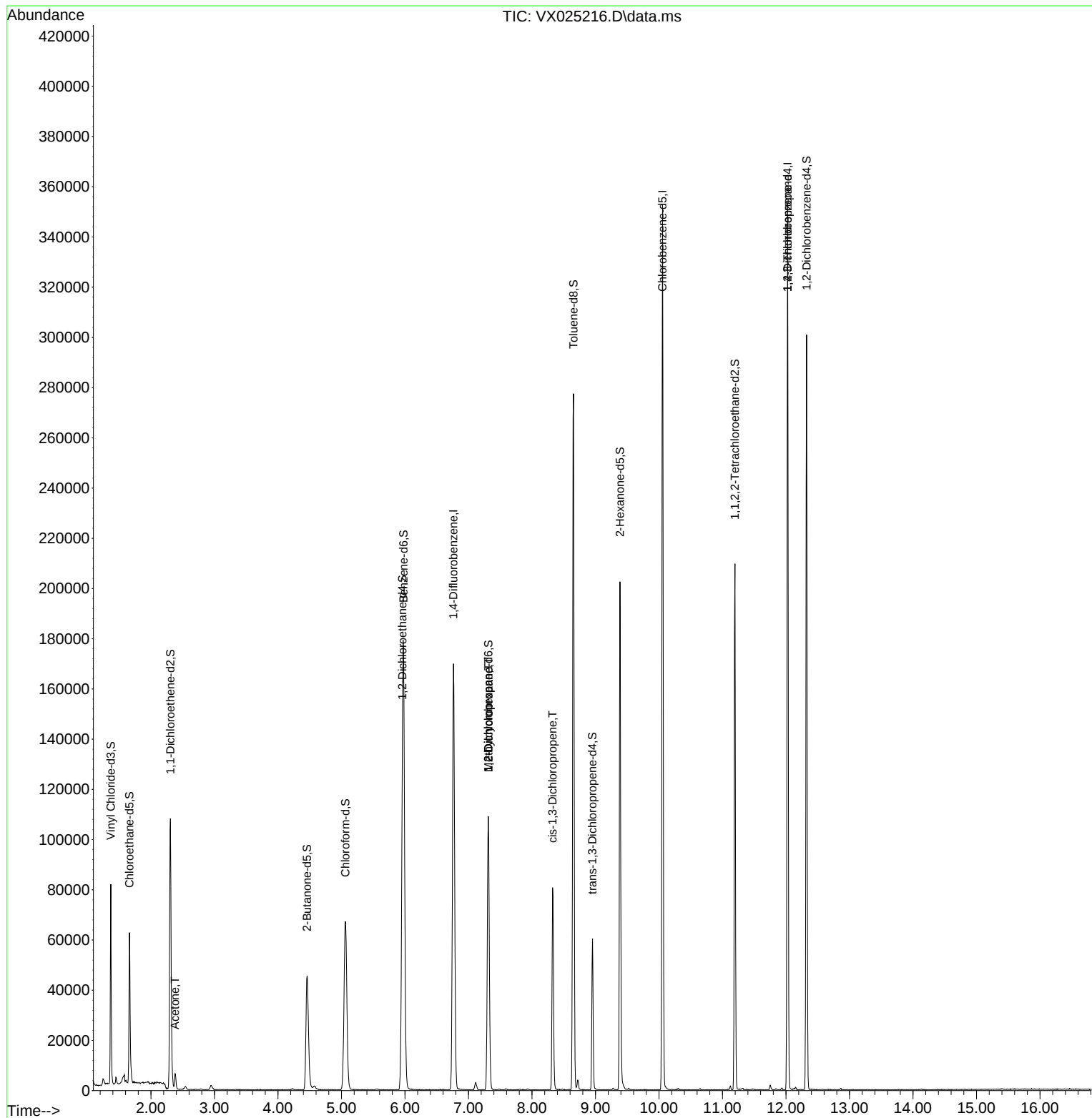
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763   | 114   | 183556   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 163812   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 77819    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 47433    | 38.250   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 76.500%  |
| 7) Chloroethane-d5            | 1.660   | 69    | 40586    | 57.426   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 114.860% |
| 11) 1,1-Dichloroethene-d2     | 2.307   | 63    | 59863    | 28.068   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 56.140%# |
| 21) 2-Butanone-d5             | 4.459   | 46    | 79609    | 84.952   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 84.950%  |
| 24) Chloroform-d              | 5.062   | 84    | 86628    | 39.709   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 79.420%  |
| 26) 1,2-Dichloroethane-d4     | 5.958   | 65    | 54801    | 41.443   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 82.880%  |
| 32) Benzene-d6                | 5.977   | 84    | 181966   | 40.700   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 81.400%  |
| 36) 1,2-Dichloropropane-d6    | 7.312   | 67    | 56122    | 41.110   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 82.220%  |
| 41) Toluene-d8                | 8.653   | 98    | 167390   | 39.205   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 78.400%# |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 27714    | 37.397   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 74.800%  |
| 47) 2-Hexanone-d5             | 9.385   | 63    | 59441    | 81.085   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 81.080%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 79064    | 40.211   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 80.420%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 63988    | 41.480   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 82.960%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.380   | 43    | 6606     | 7.515    | ug/L   | 96       |
| 35) Methylcyclohexane         | 7.312   | 83    | 13951    | 6.273    | ug/L # | 23       |
| 37) 1,2-Dichloropropane       | 7.312   | 63    | 5912     | 4.689    | ug/L # | 85       |
| 39) cis-1,3-Dichloropropene   | 8.324   | 75    | 1839     | 0.888    | ug/L   | 87       |
| 61) 1,2,3-Trichloropropane    | 12.024  | 75    | 8335     | 5.688    | ug/L # | 61       |
| -----                         |         |       |          |          |        |          |

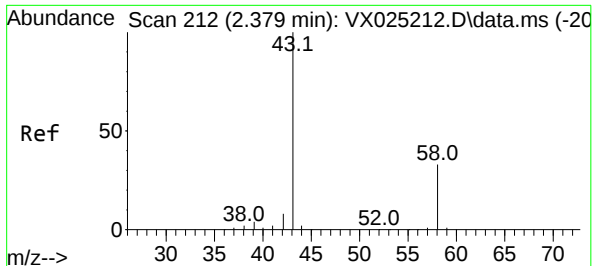
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

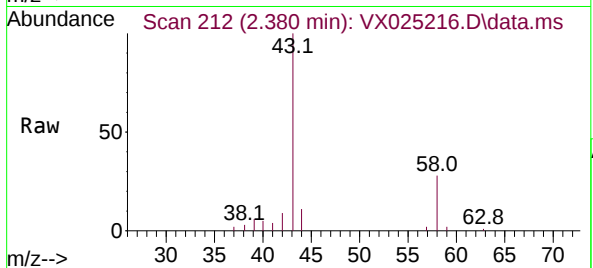
Quant Time: Nov 19 05:29:20 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM111121WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Nov 19 05:25:45 2021  
Response via : Initial Calibration



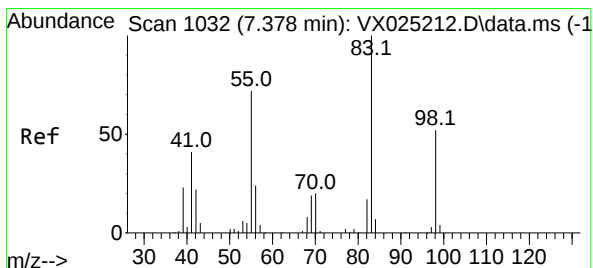
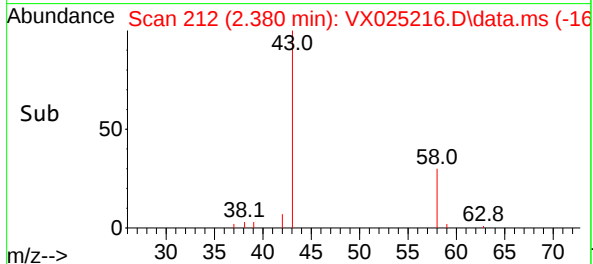
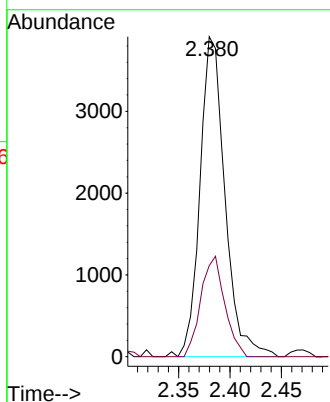


#13  
Acetone  
Concen: 7.515 ug/L  
RT: 2.380 min Scan# 212  
Delta R.T. 0.000 min  
Lab File: VX025216.D  
Acq: 18 Nov 2021 18:00

Instrument :  
MSVOA\_X  
ClientSampleId :

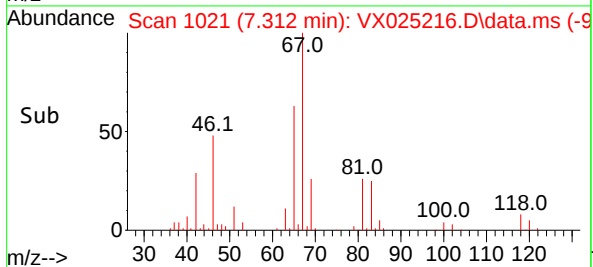
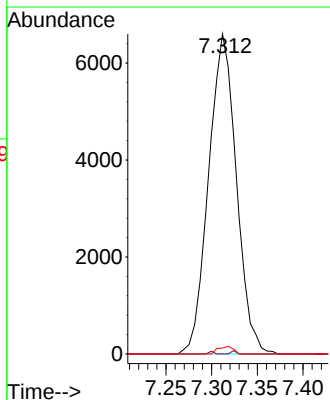
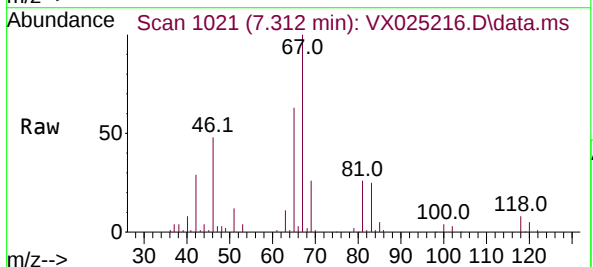


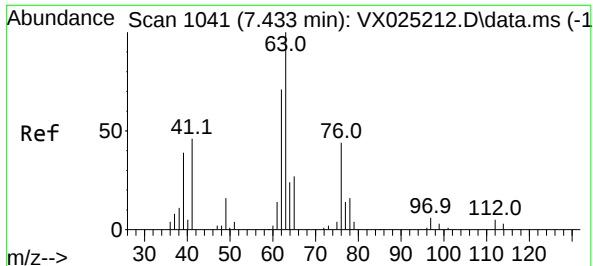
Tgt Ion: 43 Resp: 6606  
Ion Ratio Lower Upper  
43 100  
58 30.1 0.0 64.8



#35  
Methylcyclohexane  
Concen: 6.273 ug/L  
RT: 7.312 min Scan# 1021  
Delta R.T. -0.067 min  
Lab File: VX025216.D  
Acq: 18 Nov 2021 18:00

Tgt Ion: 83 Resp: 13951  
Ion Ratio Lower Upper  
83 100  
55 0.0 52.6 79.0#  
98 1.3 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 4.689 ug/L

RT: 7.312 min Scan# 1187

Delta R.T. -0.122 min

Lab File: VX025216.D

Acq: 18 Nov 2021 18:00

Instrument :

MSVOA\_X

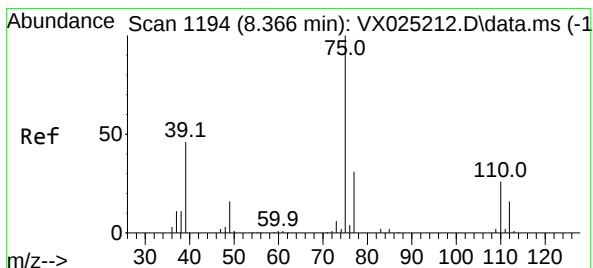
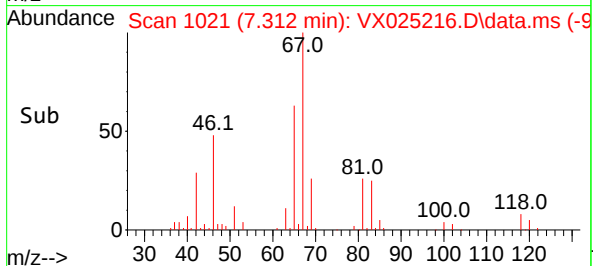
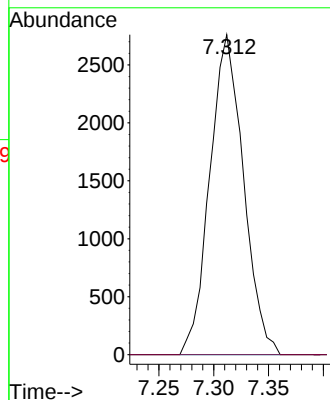
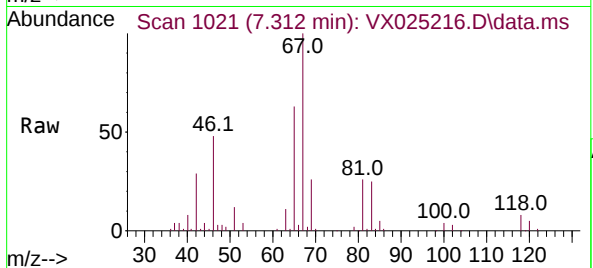
ClientSampleId :

Tgt Ion: 63 Resp: 5912

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.888 ug/L

RT: 8.324 min Scan# 1187

Delta R.T. -0.042 min

Lab File: VX025216.D

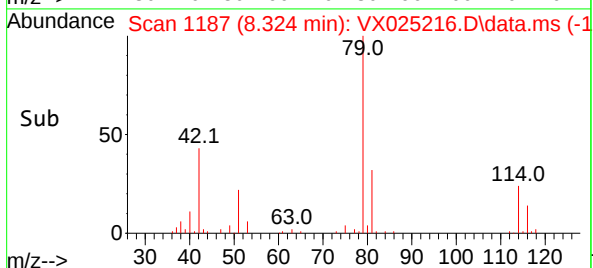
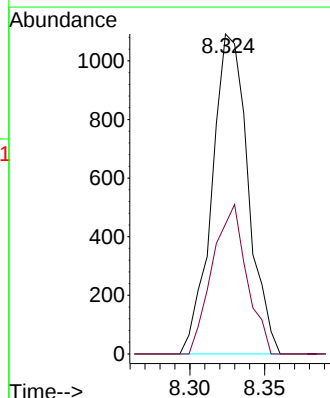
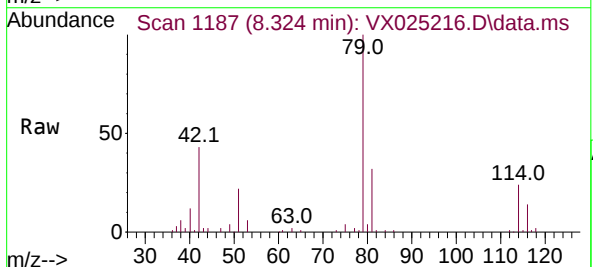
Acq: 18 Nov 2021 18:00

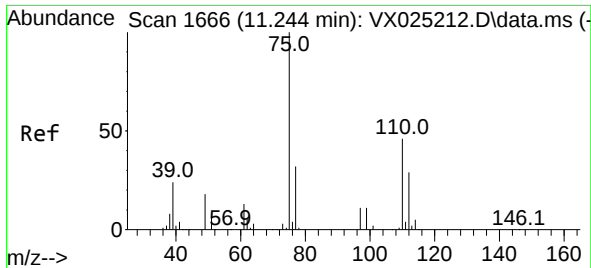
Tgt Ion: 75 Resp: 1839

Ion Ratio Lower Upper

75 100

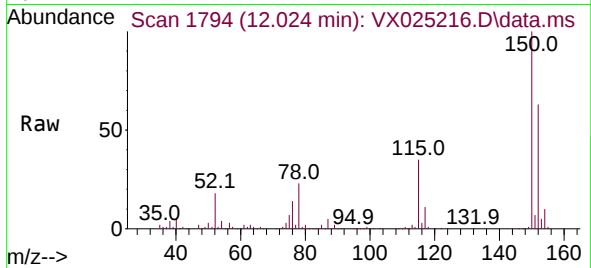
77 40.6 23.1 42.9





#61  
 1,2,3-Trichloropropane  
 Concen: 5.688 ug/L  
 RT: 12.024 min Scan# 11  
 Delta R.T. 0.781 min  
 Lab File: VX025216.D  
 Acq: 18 Nov 2021 18:00

Instrument :  
 MSVOA\_X  
 ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 8335  |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 32.1  | 26.6  | 39.8  |
| 110       | 3.2   | 37.2  | 55.8# |

