

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW101121\  
 Data File : VW022735.D  
 Acq On : 11 Oct 2021 17:28  
 Operator : SY/MD  
 Sample : M4109-12  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 YATJ8

Quant Time: Oct 12 03:42:17 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100721WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Oct 12 03:20:38 2021  
 Response via : Initial Calibration

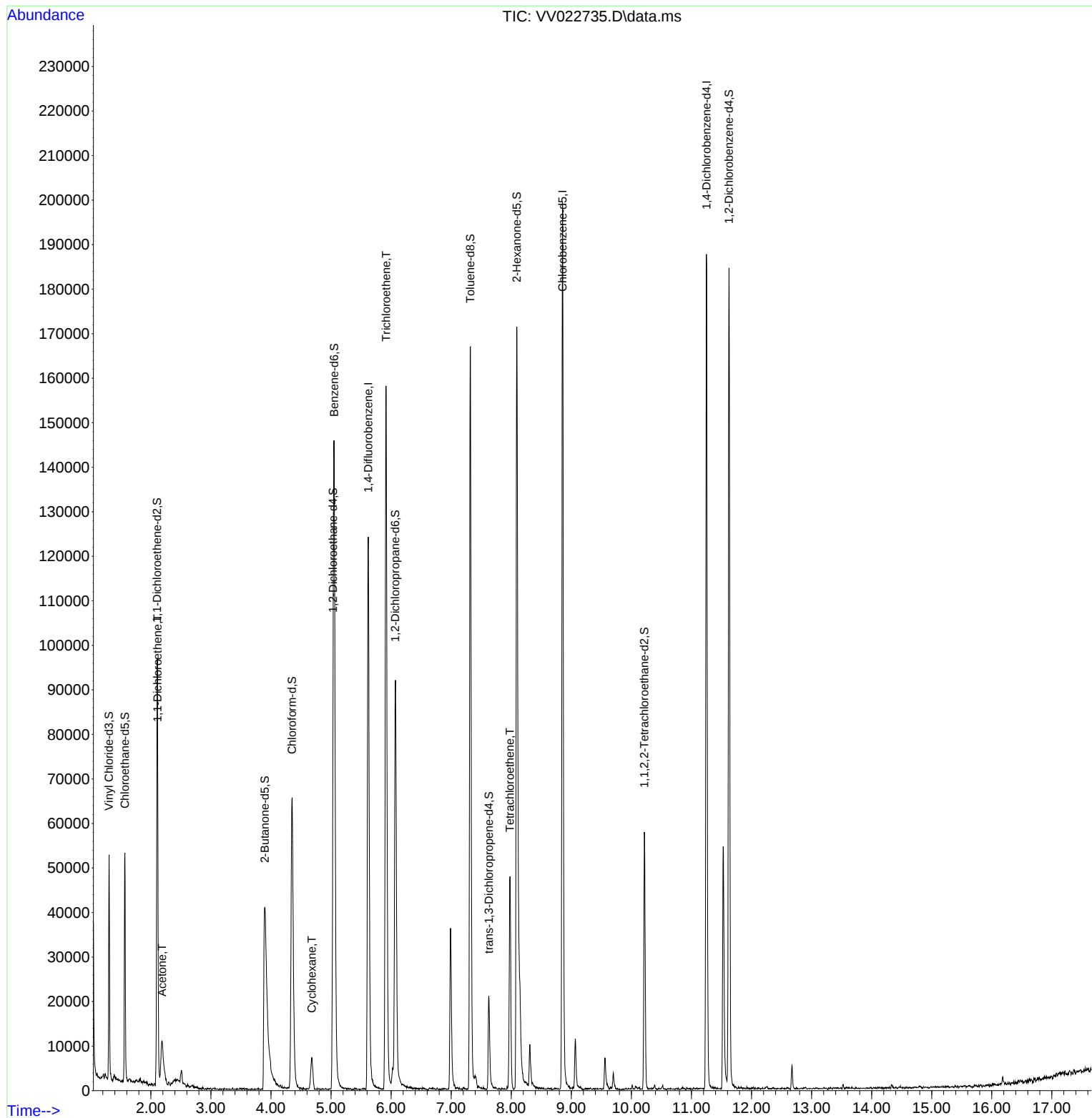
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 112922   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.853  | 117   | 115796   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 51319    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 30167    | 3.883    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 77.600%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 31648    | 4.533    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 90.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63    | 48891    | 3.208    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 64.200%  |
| 20) 2-Butanone-d5             | 3.895  | 46    | 88006    | 43.201   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 86.400%  |
| 24) Chloroform-d              | 4.349  | 84    | 68136    | 4.256    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 85.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 35283    | 4.541    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.800%  |
| 32) Benzene-d6                | 5.053  | 84    | 135345   | 3.926    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 78.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67    | 45261    | 4.434    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 88.600%  |
| 41) Toluene-d8                | 7.317  | 98    | 113012   | 3.792    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 75.800%  |
| 43) trans-1,3-Dichloroprop... | 7.628  | 79    | 12428    | 3.670    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 73.400%  |
| 46) 2-Hexanone-d5             | 8.091  | 63    | 55138    | 40.402   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 80.800%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 27991    | 4.047    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 81.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 49056    | 5.156    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 103.200% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.114  | 96    | 1730     | 0.254    | ug/L # | 1        |
| 13) Acetone                   | 2.185  | 43    | 20902    | 18.401   | ug/L # | 40       |
| 30) Cyclohexane               | 4.680  | 56    | 3510     | 0.288    | ug/L # | 95       |
| 34) Trichloroethene           | 5.915  | 95    | 54015    | 6.369    | ug/L   | 98       |
| 47) Tetrachloroethene         | 7.979  | 164   | 10938    | 1.595    | ug/L   | 94       |
| -----                         |        |       |          |          |        |          |

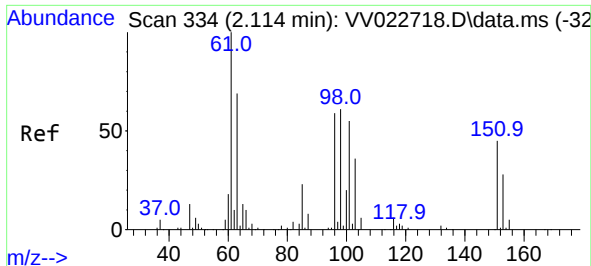
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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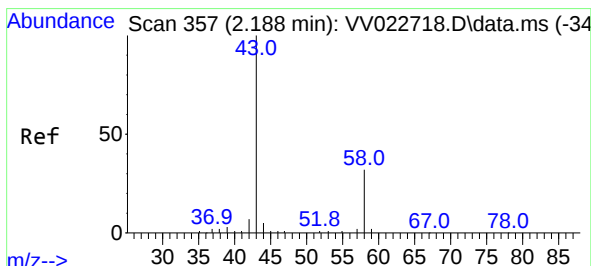
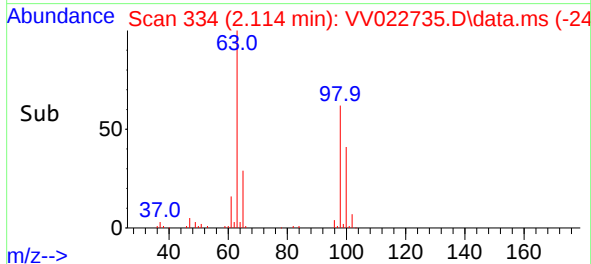
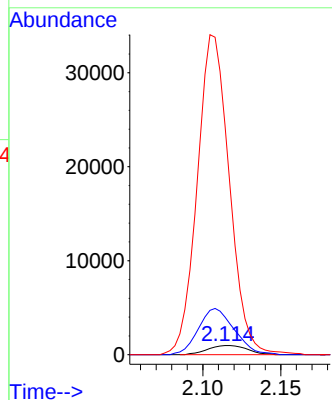
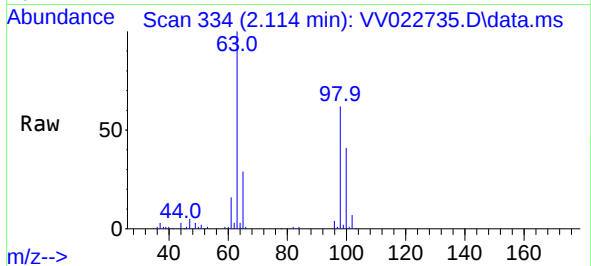




#12  
1,1-Dichloroethene  
Concen: 0.254 ug/L  
RT: 2.114 min Scan# 334  
Delta R.T. 0.000 min  
Lab File: VV022735.D  
Acq: 11 Oct 2021 17:28

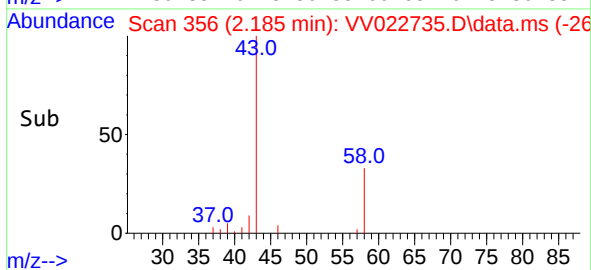
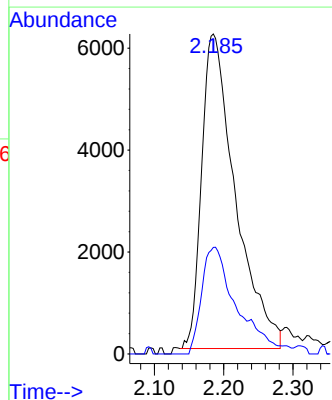
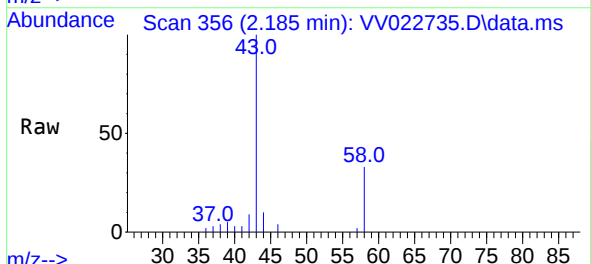
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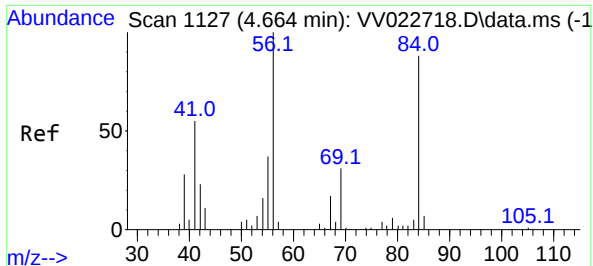
Tgt Ion: 96 Resp: 1730  
Ion Ratio Lower Upper  
96 100  
61 408.4 127.3 236.5#  
63 2499.0 106.2 197.2#



#13  
Acetone  
Concen: 18.401 ug/L  
RT: 2.185 min Scan# 356  
Delta R.T. -0.003 min  
Lab File: VV022735.D  
Acq: 11 Oct 2021 17:28

Tgt Ion: 43 Resp: 20902  
Ion Ratio Lower Upper  
43 100  
58 35.6 0.0 24.2#





#30

Cyclohexane

Concen: 0.288 ug/L

RT: 4.680 min Scan# 1132

Delta R.T. 0.016 min

Lab File: VV022735.D

Acq: 11 Oct 2021 17:28

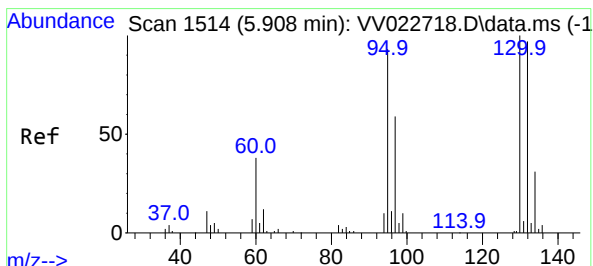
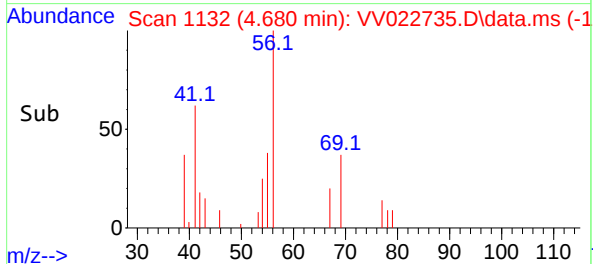
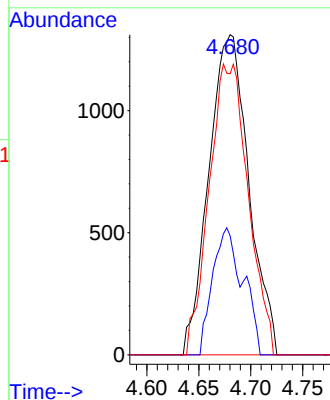
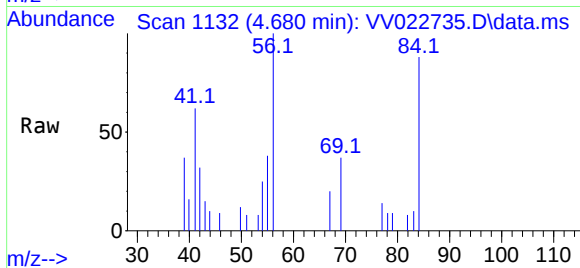
Tgt Ion: 56 Resp: 3510

Ion Ratio Lower Upper

56 100

69 23.4 24.9 37.3#

84 88.5 72.5 108.7



#34

Trichloroethene

Concen: 6.369 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.006 min

Lab File: VV022735.D

Acq: 11 Oct 2021 17:28

Tgt Ion: 95 Resp: 54015

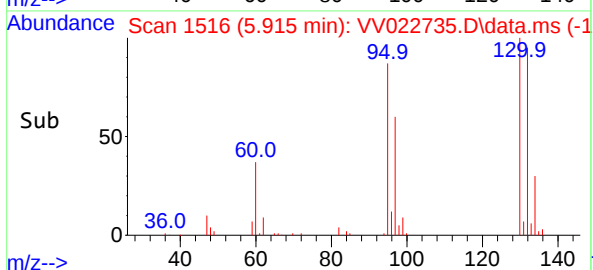
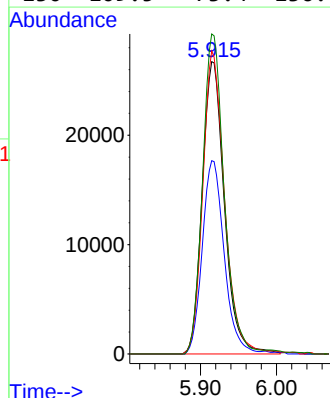
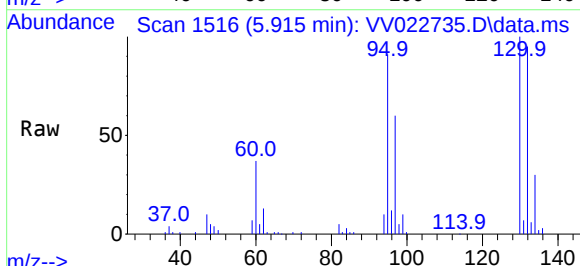
Ion Ratio Lower Upper

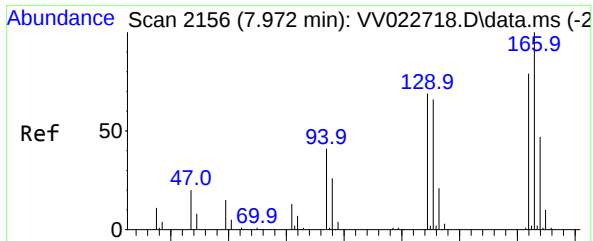
95 100

97 66.1 45.8 85.2

132 103.7 72.2 134.0

130 109.5 73.4 136.4





#47  
Tetrachloroethene  
Concen: 1.595 ug/L  
RT: 7.979 min Scan# 2158  
Delta R.T. 0.006 min  
Lab File: VV022735.D  
Acq: 11 Oct 2021 17:28

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Tgt Ion:164 Resp: 10938

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 95.0  | 65.0  | 120.6 |
| 131 | 95.1  | 62.2  | 115.4 |
| 166 | 137.6 | 89.2  | 165.8 |

