

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW121921\  
 Data File : VW024100.D  
 Acq On : 19 Dec 2021 19:50  
 Operator : SY/MD  
 Sample : M5148-02  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GBBR3

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 12/20/2021  
 Supervised By : Mahesh Dadoda 12/22/2021

Quant Time: Dec 20 01:39:55 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR121021WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Dec 20 01:35:07 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 89665    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 90687    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 45906    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 18254    | 3.787    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 75.800%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 17301    | 4.302    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 86.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 30818    | 3.275    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 65.600%  |
| 20) 2-Butanone-d5             | 3.921  | 46    | 32766    | 34.793   | ug/L   | 0.01     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 69.580%  |
| 24) Chloroform-d              | 4.349  | 84    | 47141    | 4.318    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 86.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 23019    | 4.528    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.600%  |
| 32) Benzene-d6                | 5.050  | 84    | 87537    | 4.874    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 97.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 25655    | 4.734    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 94.600%  |
| 41) Toluene-d8                | 7.317  | 98    | 75441    | 4.665    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 93.400%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 9519     | 4.234    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 84.600%  |
| 46) 2-Hexanone-d5             | 8.092  | 63    | 33377    | 33.165   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 66.320%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 17729    | 3.944    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 78.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 30878    | 5.036    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 100.800% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.217  | 43    | 21329m   | 28.309   | ug/L   |          |
| 30) Cyclohexane               | 4.680  | 56    | 10134    | 1.077    | ug/L   | 98       |
| 47) Tetrachloroethene         | 7.976  | 164   | 1258     | 0.197    | ug/L   | 90       |
| -----                         |        |       |          |          |        |          |

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

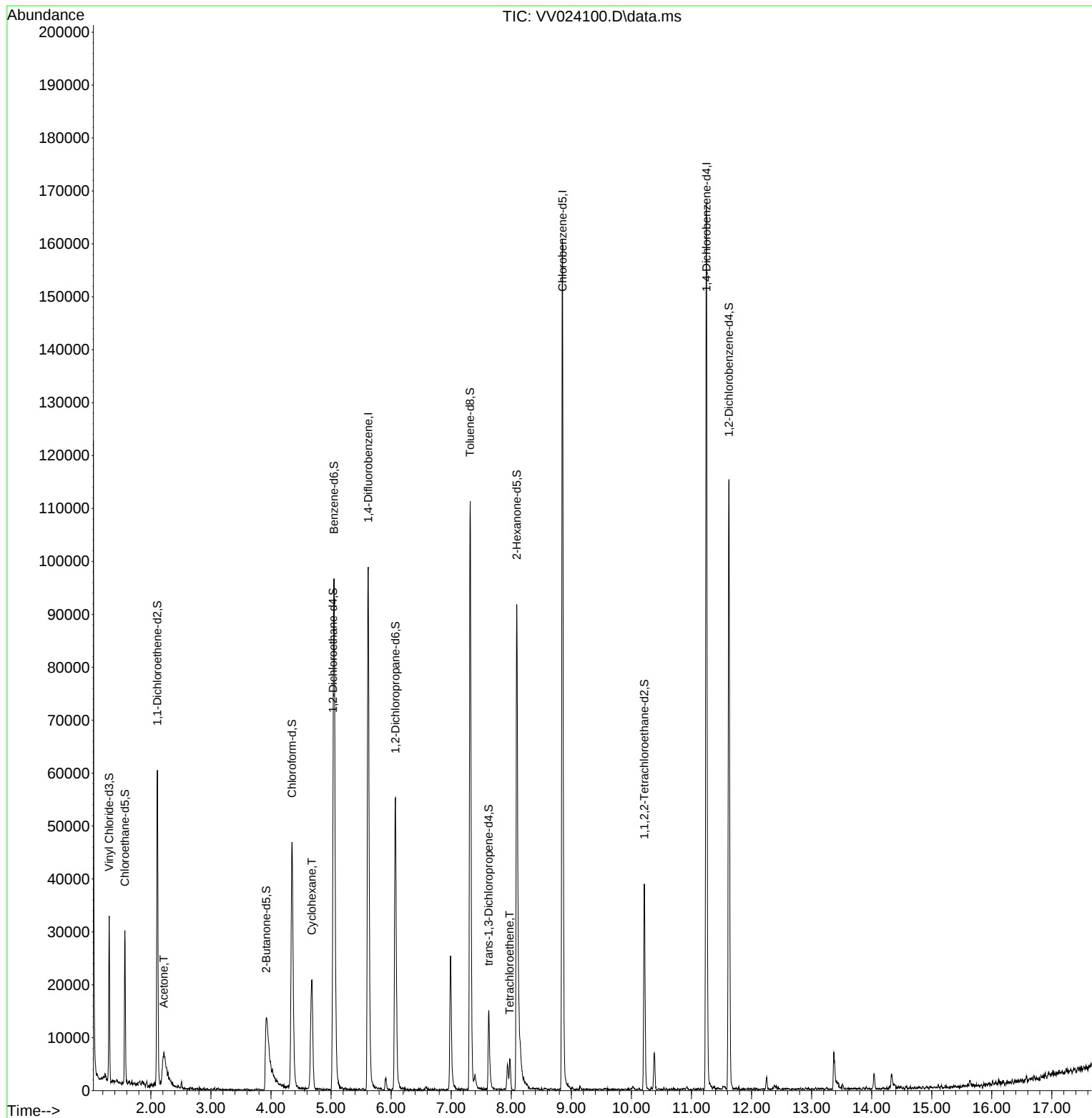
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV121921\  
Data File : VV024100.D  
Acq On : 19 Dec 2021 19:50  
Operator : SY/MD  
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ALS Vial : 20 Sample Multiplier: 1

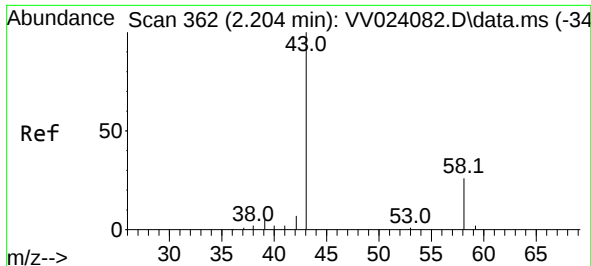
Instrument :  
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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Mon Dec 20 01:35:07 2021  
Response via : Initial Calibration





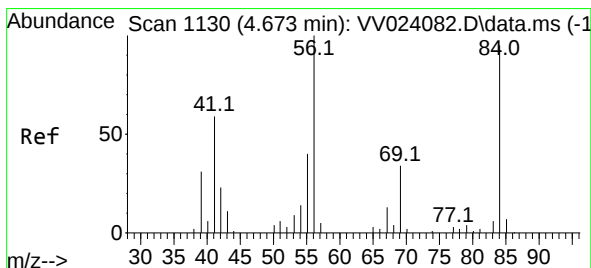
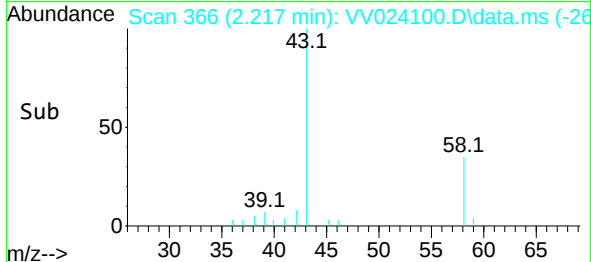
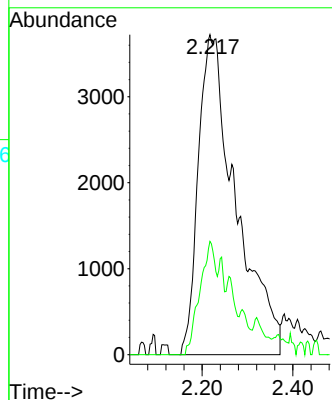
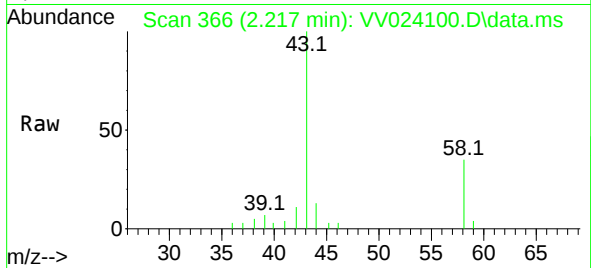
#13  
Acetone  
Concen: 28.309 ug/L m  
RT: 2.217 min Scan# 30  
Delta R.T. 0.013 min  
Lab File: VV024100.D  
Acq: 19 Dec 2021 19:50

Instrument :  
MSVOA\_V  
ClientSampleId :  
GBBR3

Tgt Ion: 43 Resp: 21329  
Ion Ratio Lower Upper  
43 100  
58 15.1 0.0 41.4

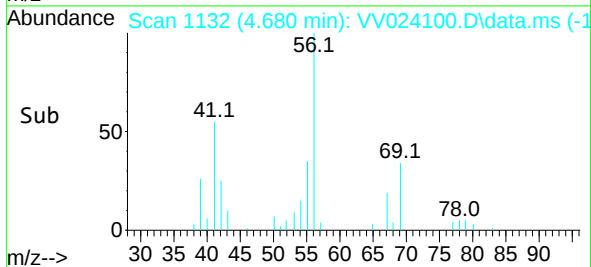
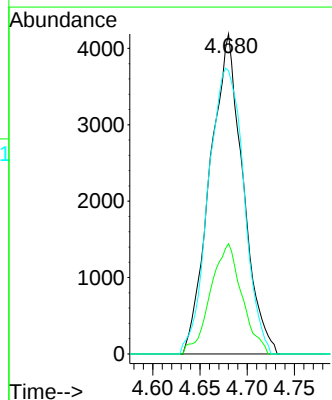
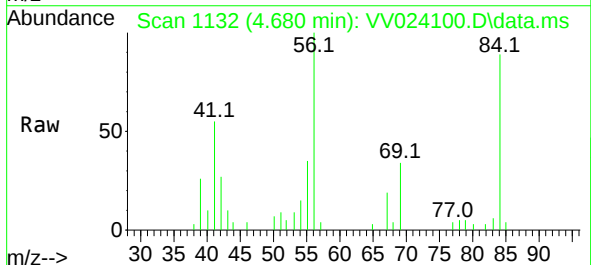
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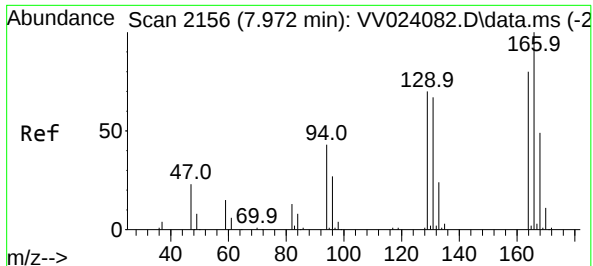
Reviewed By :John Carlone 12/20/2021  
Supervised By :Mahesh Dadoda 12/22/2021



#30  
Cyclohexane  
Concen: 1.077 ug/L  
RT: 4.680 min Scan# 1132  
Delta R.T. 0.007 min  
Lab File: VV024100.D  
Acq: 19 Dec 2021 19:50

Tgt Ion: 56 Resp: 10134  
Ion Ratio Lower Upper  
56 100  
69 32.8 24.8 37.2  
84 96.3 75.9 113.9





#47

Tetrachloroethene

Concen: 0.197 ug/L

RT: 7.976 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV024100.D

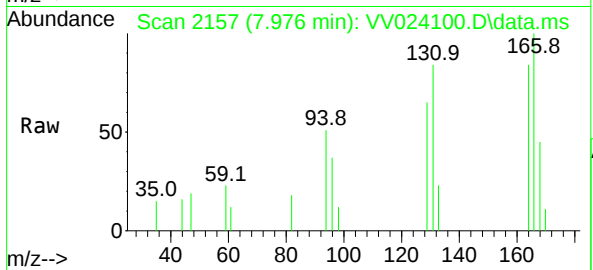
Acq: 19 Dec 2021 19:50

Instrument :

MSVOA\_V

ClientSampleId :

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Tgt Ion:164 Resp: 1258

Ion Ratio Lower Upper

164 100

129 77.9 62.6 116.2

131 99.9 61.0 113.4

166 119.4 87.3 162.1

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