

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW111221\  
 Data File : VW023424.D  
 Acq On : 12 Nov 2021 06:59  
 Operator : SY/MD  
 Sample : M4580-18  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GB8H6

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 11/15/2021  
 Supervised By : Mahesh Dadoda 11/15/2021

Quant Time: Nov 13 00:09:09 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110421WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 12 04:43:24 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 117916   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 120447   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 50475    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 30033    | 4.066    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 81.400%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 26415    | 4.387    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 87.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 45419    | 3.284    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 65.600%  |
| 20) 2-Butanone-d5             | 3.912  | 46    | 45304m   | 35.598   | ug/L   | -0.06    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 71.200%  |
| 24) Chloroform-d              | 4.349  | 84    | 62420    | 3.965    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 79.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 30460    | 4.303    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 86.000%  |
| 32) Benzene-d6                | 5.053  | 84    | 124512   | 4.029    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 80.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 38680    | 4.252    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 85.000%  |
| 41) Toluene-d8                | 7.317  | 98    | 106269   | 3.669    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 73.400%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 11710    | 3.395    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 67.800%  |
| 46) 2-Hexanone-d5             | 8.095  | 63    | 42588    | 33.555   | ug/L   | -0.01    |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 67.120%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 25779    | 3.940    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 78.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 39397    | 4.688    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 93.800%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.195  | 43    | 3156m    | 4.059    | ug/L   |          |
| 25) Chloroform                | 4.378  | 83    | 6089     | 0.391    | ug/L   | 94       |
| 47) Tetrachloroethene         | 7.976  | 164   | 38819    | 5.003    | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 11.188 | 146   | 1141     | 0.077    | ug/L   | 95       |
| -----                         |        |       |          |          |        |          |

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

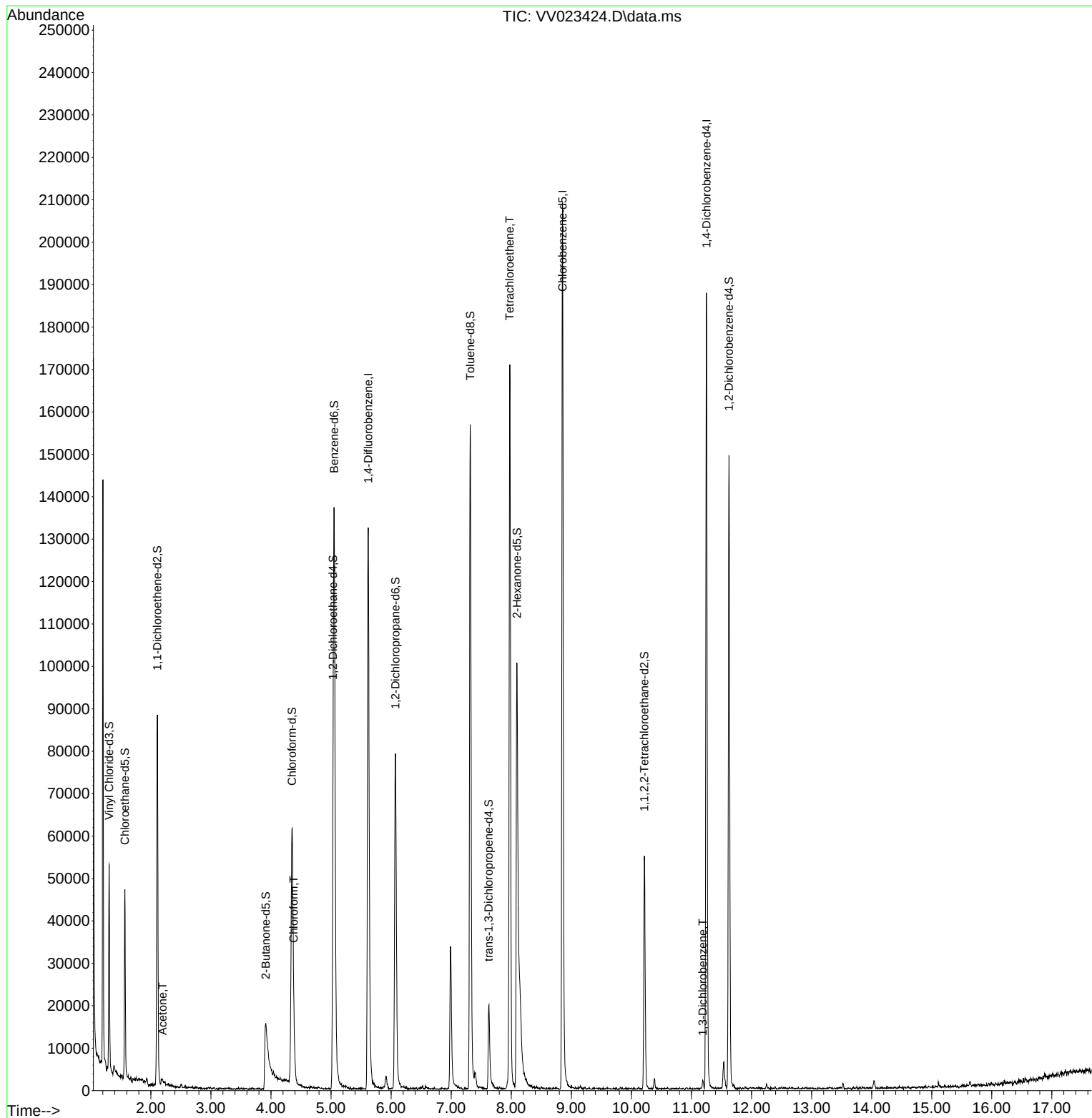
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV111221\  
Data File : VV023424.D  
Acq On : 12 Nov 2021 06:59  
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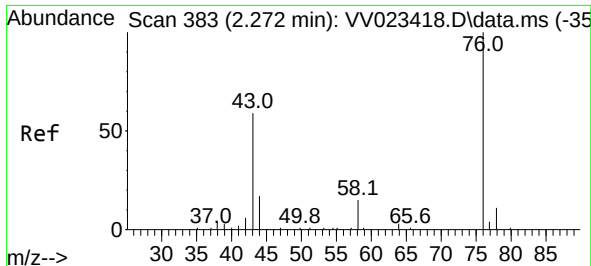
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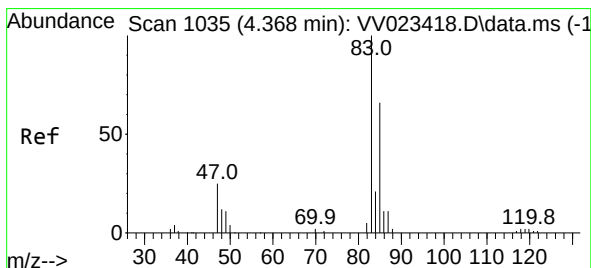
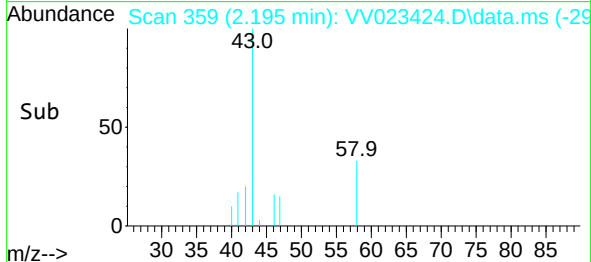
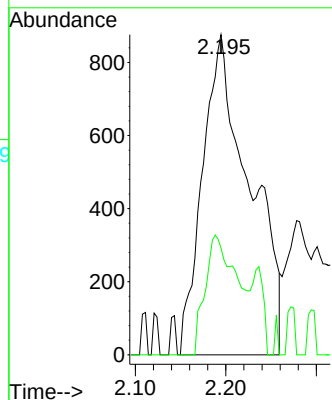
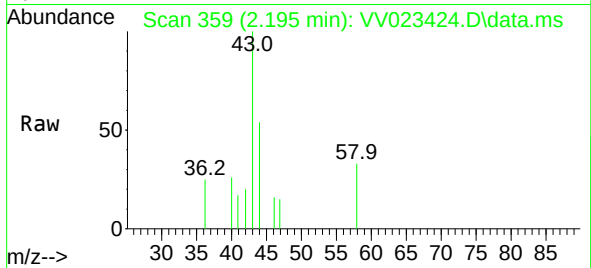
#13  
Acetone  
Concen: 4.059 ug/L m  
RT: 2.195 min Scan# 315  
Delta R.T. -0.077 min  
Lab File: VV023424.D  
Acq: 12 Nov 2021 06:59

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB8H6

Tgt Ion: 43 Resp: 315  
Ion Ratio Lower Upper  
43 100  
58 2.3 0.0 55.4

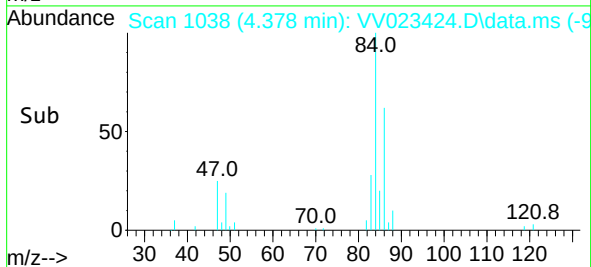
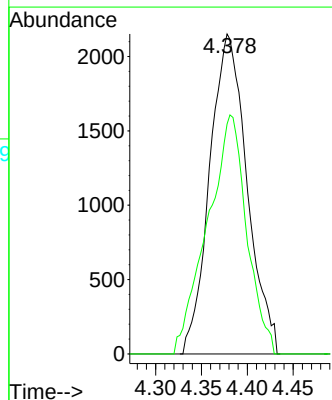
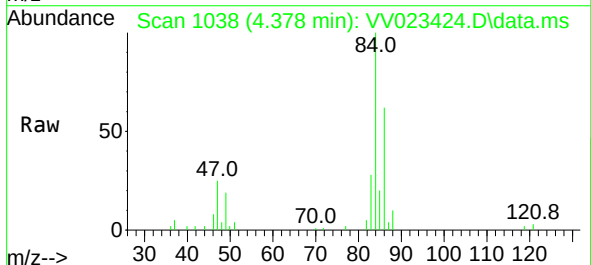
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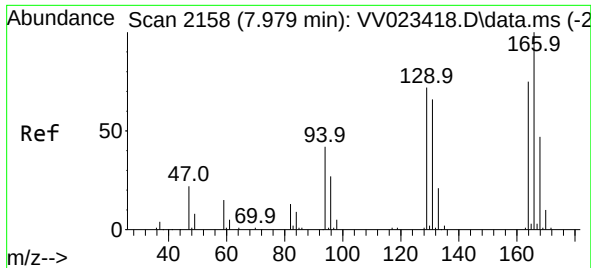
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Supervised By :Mahesh Dadoda 11/15/2021



#25  
Chloroform  
Concen: 0.391 ug/L  
RT: 4.378 min Scan# 1038  
Delta R.T. 0.010 min  
Lab File: VV023424.D  
Acq: 12 Nov 2021 06:59

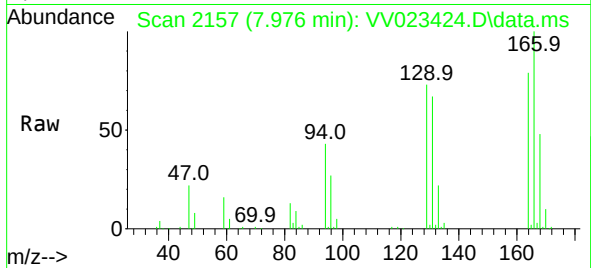
Tgt Ion: 83 Resp: 6089  
Ion Ratio Lower Upper  
83 100  
85 71.8 46.8 86.8





#47  
Tetrachloroethene  
Concen: 5.003 ug/L  
RT: 7.976 min Scan# 2158  
Delta R.T. -0.003 min  
Lab File: VV023424.D  
Acq: 12 Nov 2021 06:59

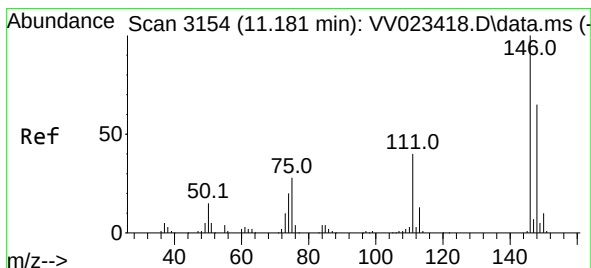
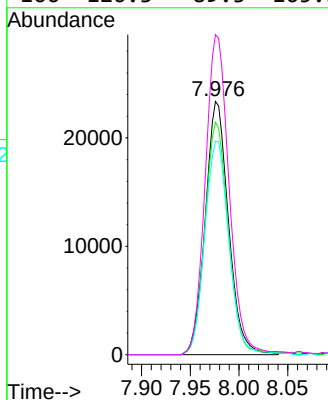
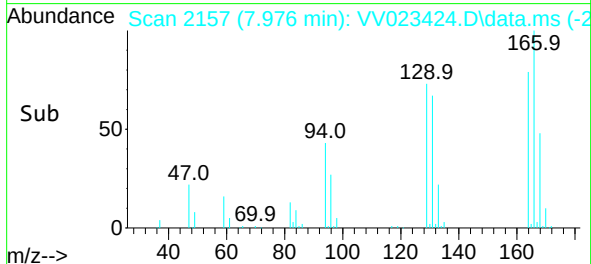
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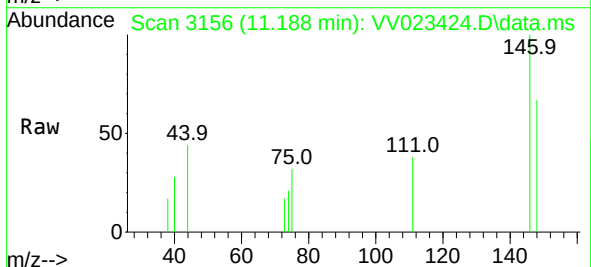
Tgt Ion:164 Resp: 38819  
Ion Ratio Lower Upper  
164 100  
129 91.8 64.0 119.0  
131 84.4 63.4 117.8  
166 126.3 89.3 165.9

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#64  
1,3-Dichlorobenzene  
Concen: 0.077 ug/L  
RT: 11.188 min Scan# 3156  
Delta R.T. 0.006 min  
Lab File: VV023424.D  
Acq: 12 Nov 2021 06:59



Tgt Ion:146 Resp: 1141  
Ion Ratio Lower Upper  
146 100  
111 38.4 26.7 49.7  
148 67.1 42.9 79.7

