

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW081222\  
 Data File : VW027307.D  
 Acq On : 12 Aug 2022 03:57  
 Operator : SY/MD  
 Sample : N4162-10  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BGBY3

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2022  
 Supervised By :Mahesh Dadoda 08/14/2022

Quant Time: Aug 12 05:49:05 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Aug 12 02:11:44 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.613  | 114            | 155900   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117            | 165628   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 67409    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.301  | 65             | 74077    | 5.469  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 109.400% |          |
| 7) Chloroethane-d5            | 1.561  | 69             | 54847    | 5.576  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 111.600% |          |
| 11) 1,1-Dichloroethene-d2     | 2.101  | 63             | 96201m   | 3.916  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 78.400%  |          |
| 20) 2-Butanone-d5             | 3.873  | 46             | 116409   | 50.748 | ug/L     | -0.01    |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 101.500% |          |
| 24) Chloroform-d              | 4.342  | 84             | 125859   | 5.067  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 101.400% |          |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65             | 60410    | 5.105  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 102.000% |          |
| 32) Benzene-d6                | 5.047  | 84             | 236504   | 4.841  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 96.800%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67             | 77240    | 5.113  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 102.200% |          |
| 41) Toluene-d8                | 7.313  | 98             | 197441   | 4.414  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 88.200%  |          |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79             | 22430    | 4.286  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 85.800%  |          |
| 46) 2-Hexanone-d5             | 8.085  | 63             | 81742    | 40.365 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 80.720%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84             | 48974    | 4.481  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 89.600%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 62965    | 5.412  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 108.200% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          |          |
| 19) 1,1-Dichloroethane        | 3.188  | 63             | 4618     | 0.175  | ug/L     | 95       |
| 22) cis-1,2-Dichloroethene    | 3.908  | 96             | 50356    | 3.708  | ug/L     | 95       |
| 29) 1,1,1-Trichloroethane     | 4.606  | 97             | 20362    | 0.874  | ug/L     | 99       |
| 34) Trichloroethene           | 5.908  | 95             | 184713   | 13.109 | ug/L     | 98       |
| -----                         |        |                |          |        |          |          |

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

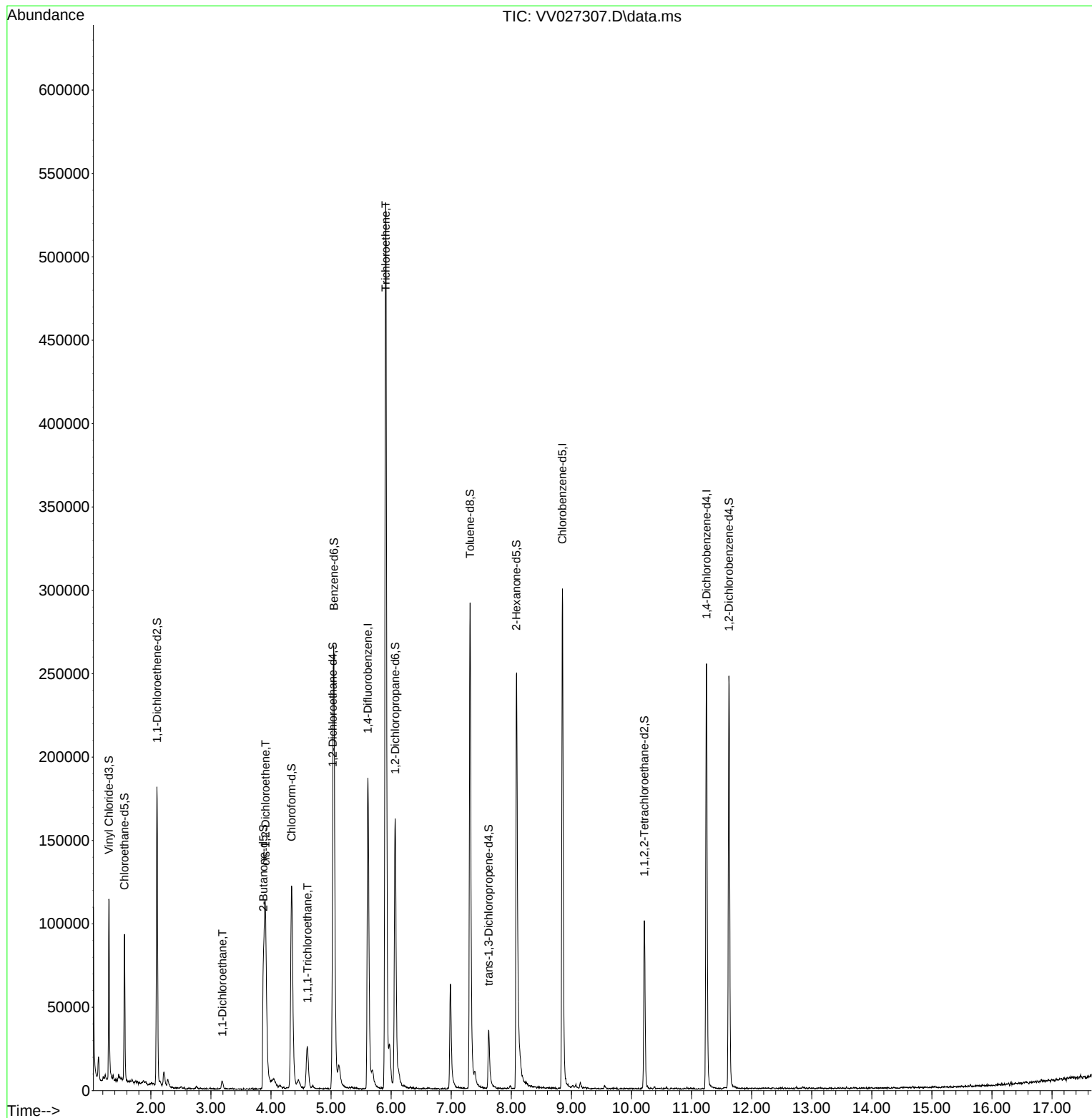
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV081222\  
Data File : VV027307.D  
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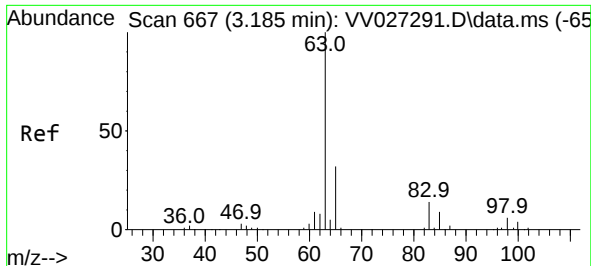
Instrument :  
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081122WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Aug 12 02:11:44 2022  
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#19

1,1-Dichloroethane

Concen: 0.175 ug/L

RT: 3.188 min Scan# 667

Delta R.T. 0.003 min

Lab File: VV027307.D

Acq: 12 Aug 2022 03:57

Instrument :

MSVOA\_V

ClientSampleId :

BGBY3

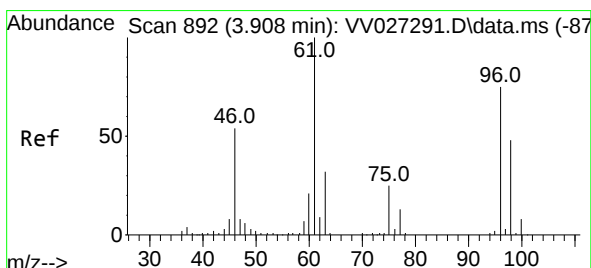
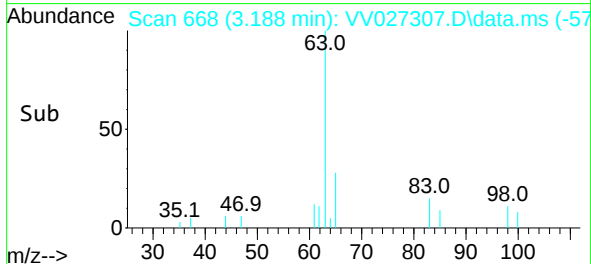
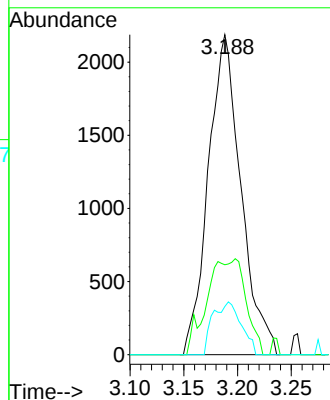
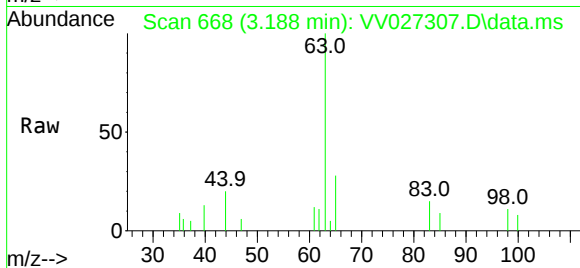
|             |             |
|-------------|-------------|
| Tgt Ion: 63 | Resp: 4618  |
| Ion Ratio   | Lower Upper |
| 63 100      |             |
| 65 28.1     | 21.6 40.2   |
| 83 15.0     | 9.3 17.3    |

Manual Integrations

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#22

cis-1,2-Dichloroethene

Concen: 3.708 ug/L

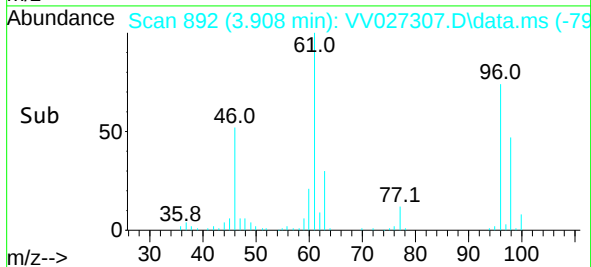
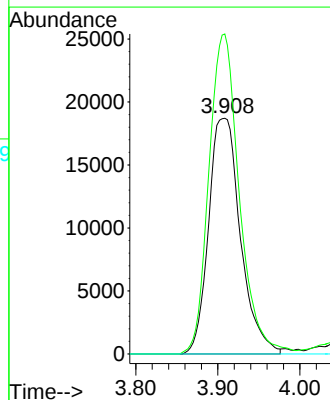
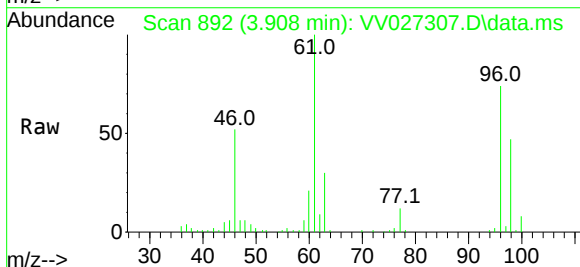
RT: 3.908 min Scan# 892

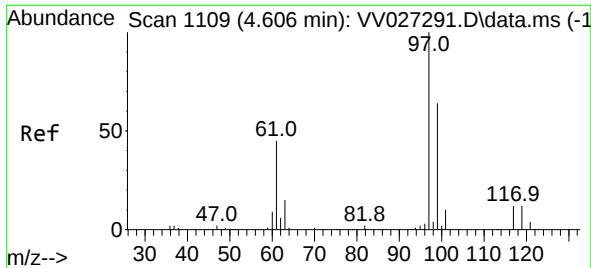
Delta R.T. 0.000 min

Lab File: VV027307.D

Acq: 12 Aug 2022 03:57

|             |             |
|-------------|-------------|
| Tgt Ion: 96 | Resp: 50356 |
| Ion Ratio   | Lower Upper |
| 96 100      |             |
| 61 135.7    | 91.3 169.5  |
| 68 0.0      | 0.0 0.0     |





#29

1,1,1-Trichloroethane

Concen: 0.874 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VV027307.D

Acq: 12 Aug 2022 03:57

Instrument :

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ClientSampleId :

BGBY3

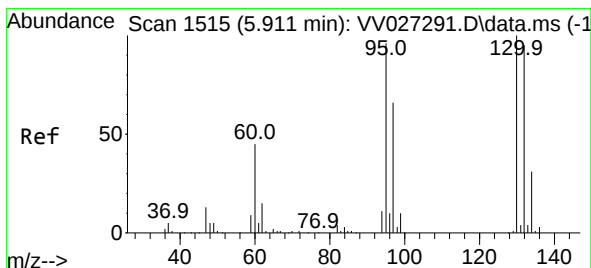
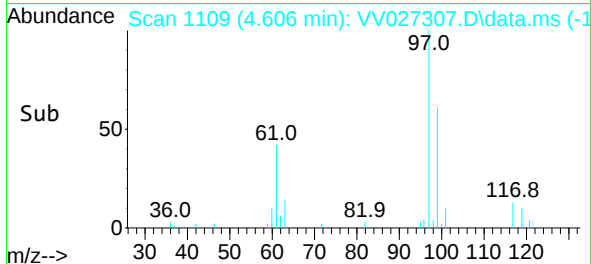
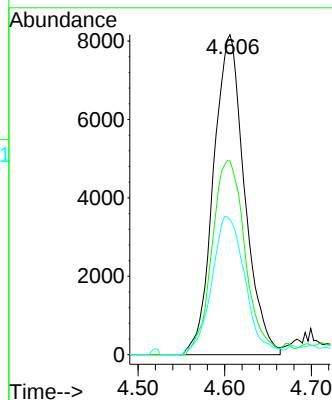
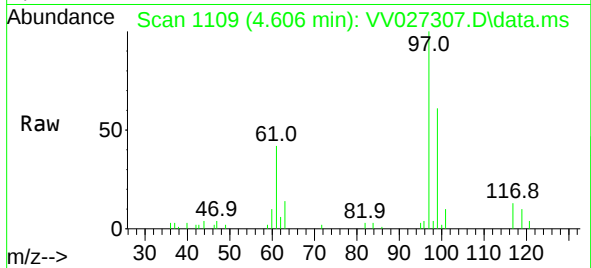
|             |             |
|-------------|-------------|
| Tgt Ion: 97 | Resp: 2036  |
| Ion Ratio   | Lower Upper |
| 97 100      |             |
| 99 64.3     | 50.8 76.2   |
| 61 46.3     | 36.5 54.7   |

Manual Integrations

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#34

Trichloroethene

Concen: 13.109 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. -0.003 min

Lab File: VV027307.D

Acq: 12 Aug 2022 03:57

|             |              |
|-------------|--------------|
| Tgt Ion: 95 | Resp: 184713 |
| Ion Ratio   | Lower Upper  |
| 95 100      |              |
| 97 63.7     | 45.5 84.5    |
| 132 94.0    | 68.2 126.6   |
| 130 101.2   | 70.3 130.7   |

