

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV111021\  
 Data File : VV023404.D  
 Acq On : 11 Nov 2021 21:47  
 Operator : SY/MD  
 Sample : M4580-05  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 GB8G3

Quant Time: Nov 12 02:09:24 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110421WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Nov 12 02:02:21 2021  
 Response via : Initial Calibration

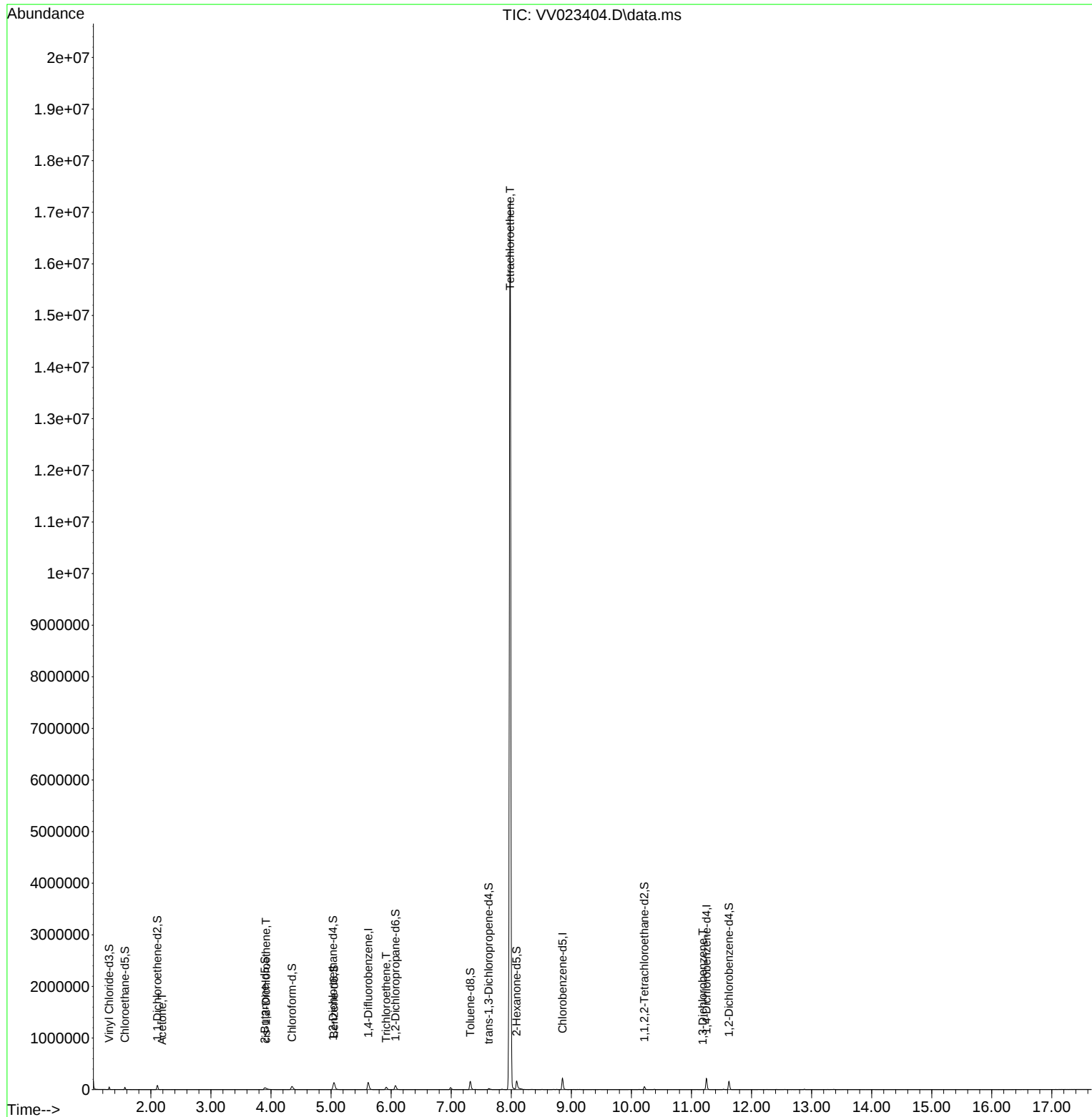
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 124758   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 124444   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 57690    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65    | 28263    | 3.616    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 72.400%  |
| 7) Chloroethane-d5            | 1.568  | 69    | 24714    | 3.880    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 77.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 42498    | 2.905    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 58.000%# |
| 20) 2-Butanone-d5             | 3.896  | 46    | 61754    | 45.863   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 91.720%  |
| 24) Chloroform-d              | 4.352  | 84    | 62447    | 3.749    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 75.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 30334    | 4.050    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 81.000%  |
| 32) Benzene-d6                | 5.050  | 84    | 122442   | 3.835    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 76.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 37176    | 3.955    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 79.200%  |
| 41) Toluene-d8                | 7.317  | 98    | 107403   | 3.590    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 71.800%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 13121    | 3.681    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 73.600%  |
| 46) 2-Hexanone-d5             | 8.088  | 63    | 59013    | 45.003   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 90.000%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 25667    | 3.797    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 76.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 41637    | 4.334    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 86.600%  |
| Target Compounds              |        |       |          |          |        |          |
| 13) Acetone                   | 2.188  | 43    | 5313     | 6.458    | ug/L   | 99       |
| 22) cis-1,2-Dichloroethene    | 3.915  | 96    | 3577     | 0.406    | ug/L # | 72       |
| 34) Trichloroethene           | 5.918  | 95    | 16182    | 1.749    | ug/L   | 95       |
| 47) Tetrachloroethene         | 7.982  | 164   | 3661177  | 456.719  | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 11.188 | 146   | 1861     | 0.110    | ug/L   | 88       |

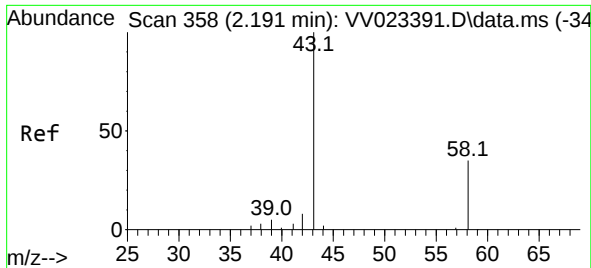
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 12 02:02:21 2021  
Response via : Initial Calibration





#13

Acetone

Concen: 6.458 ug/L

RT: 2.188 min Scan# 3

Delta R.T. -0.003 min

Lab File: VV023404.D

Acq: 11 Nov 2021 21:47

Instrument :

MSVOA\_V

ClientSampleId :

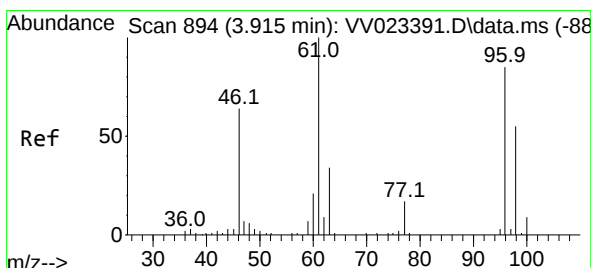
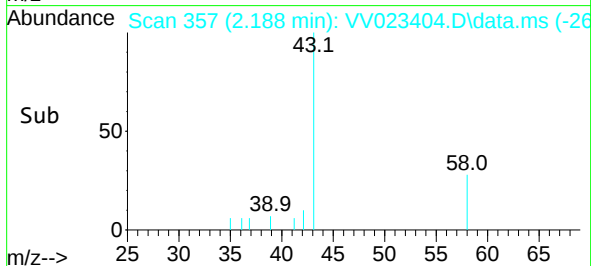
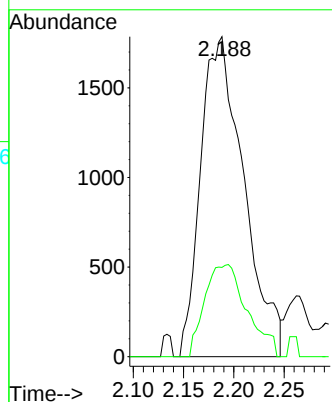
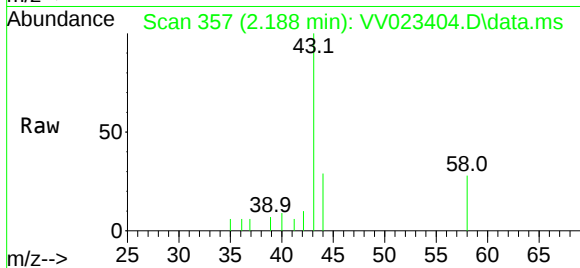
GB8G3

Tgt Ion: 43 Resp: 5313

Ion Ratio Lower Upper

43 100

58 28.3 0.0 55.4



#22

cis-1,2-Dichloroethene

Concen: 0.406 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.000 min

Lab File: VV023404.D

Acq: 11 Nov 2021 21:47

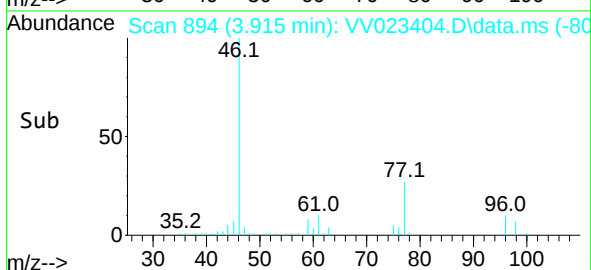
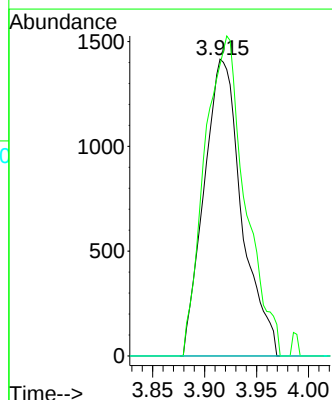
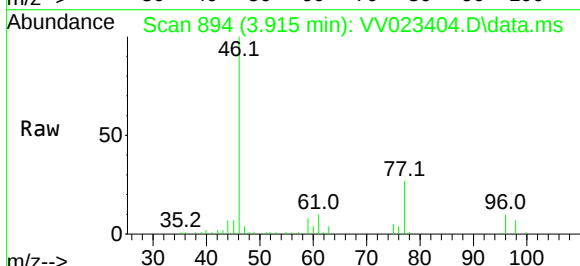
Tgt Ion: 96 Resp: 3577

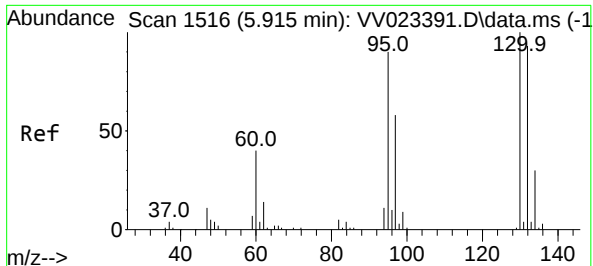
Ion Ratio Lower Upper

96 100

61 98.2 92.3 171.3

68 0.0 0.4 0.8#



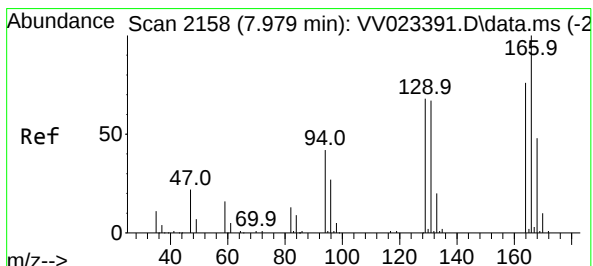
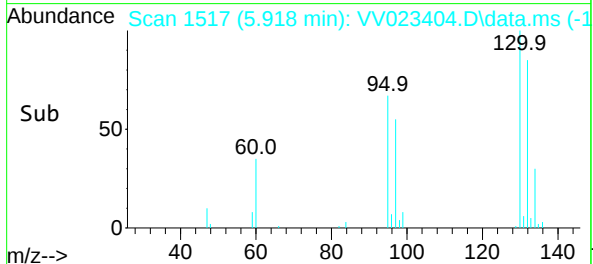
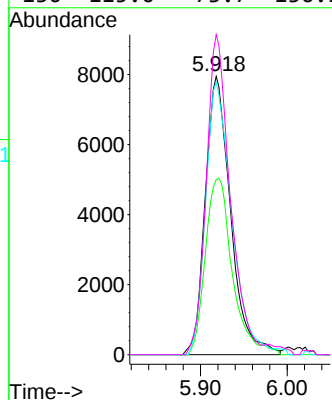
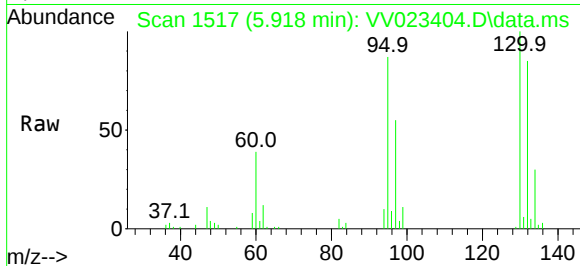


#34  
Trichloroethene  
Concen: 1.749 ug/L  
RT: 5.918 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VV023404.D  
Acq: 11 Nov 2021 21:47

Instrument :  
MSVOA\_V  
ClientSampleId :  
GB8G3

Tgt Ion: 95 Resp: 16182

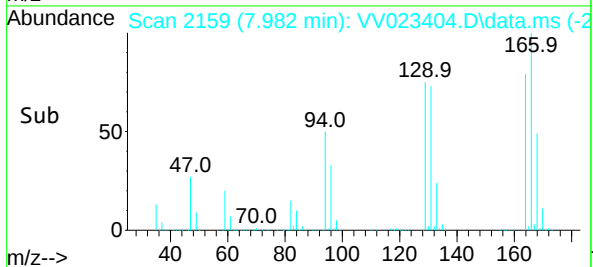
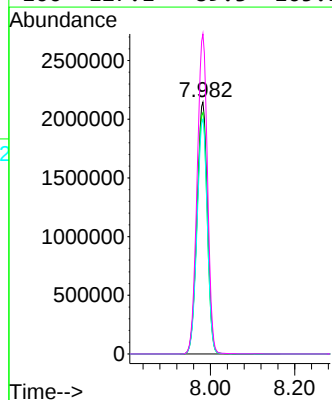
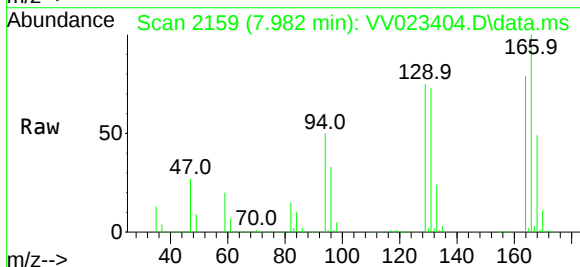
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 62.9  | 45.0  | 83.6  |
| 132 | 97.8  | 69.7  | 129.4 |
| 130 | 115.0 | 73.7  | 136.9 |

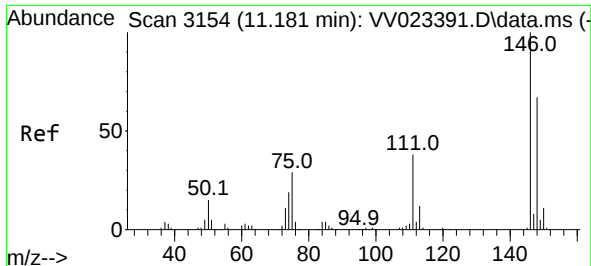


#47  
Tetrachloroethene  
Concen: 456.719 ug/L  
RT: 7.982 min Scan# 2159  
Delta R.T. 0.003 min  
Lab File: VV023404.D  
Acq: 11 Nov 2021 21:47

Tgt Ion: 164 Resp: 3661177

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 95.9  | 64.0  | 119.0 |
| 131 | 93.2  | 63.4  | 117.8 |
| 166 | 127.1 | 89.3  | 165.9 |





#64

1,3-Dichlorobenzene

Concen: 0.110 ug/L

RT: 11.188 min Scan# 31

Delta R.T. 0.007 min

Lab File: VV023404.D

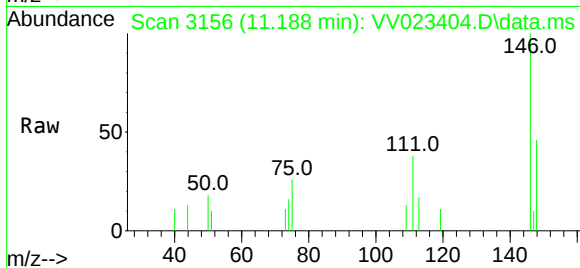
Acq: 11 Nov 2021 21:47

Instrument :

MSVOA\_V

ClientSampleId :

GB8G3



Tgt Ion:146 Resp: 1861

Ion Ratio Lower Upper

146 100

111 38.1 26.7 49.7

148 46.0 42.9 79.7

