

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW060623\  
 Data File : VW031374.D  
 Acq On : 06 Jun 2023 14:47  
 Operator : SY/MD  
 Sample : 02990-12  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F6C43

Quant Time: Jun 07 02:02:51 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR060123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Jun 07 01:59:39 2023  
 Response via : Initial Calibration

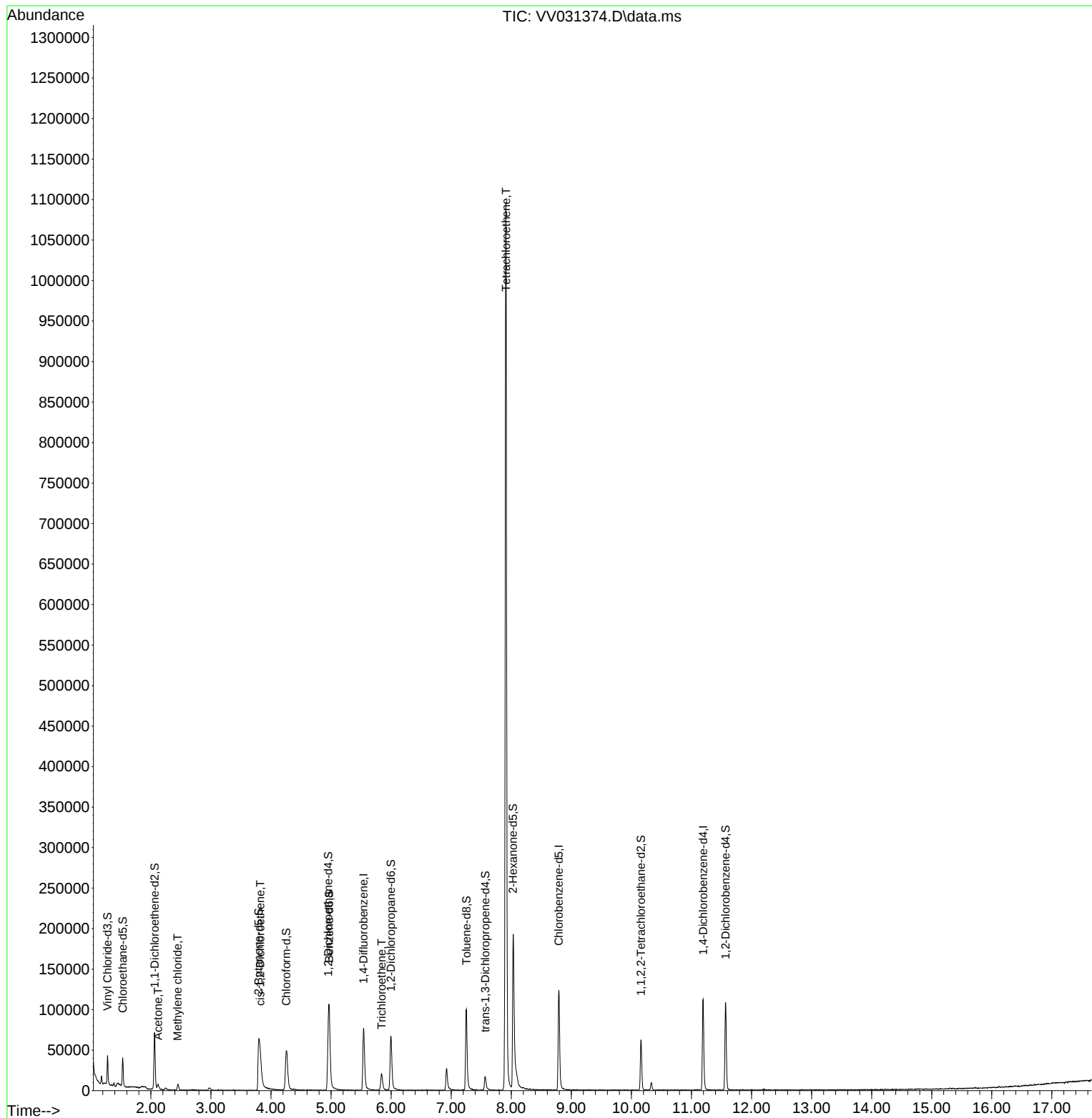
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 5.542  | 114   | 63222    | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 8.792  | 117   | 68953    | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.194 | 152   | 30761    | 5.000    | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 23003    | 3.577    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 71.600%   |
| 7) Chloroethane-d5            | 1.532  | 69    | 22468    | 4.136    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 82.800%   |
| 11) 1,1-Dichloroethene-d2     | 2.063  | 65    | 12581    | 4.029    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 80.600%   |
| 20) 2-Butanone-d5             | 3.796  | 46    | 101844   | 68.420   | ug/L   | -0.02     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 136.840%# |
| 24) Chloroform-d              | 4.256  | 84    | 54804    | 5.069    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 101.400%  |
| 26) 1,2-Dichloroethane-d4     | 4.953  | 65    | 33639    | 5.801    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 116.000%  |
| 32) Benzene-d6                | 4.969  | 84    | 88003    | 4.198    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.000%   |
| 36) 1,2-Dichloropropane-d6    | 5.995  | 67    | 33577    | 4.742    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 94.800%   |
| 41) Toluene-d8                | 7.252  | 98    | 70977    | 3.606    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 72.200%   |
| 43) trans-1,3-Dichloroprop... | 7.567  | 79    | 11283    | 4.377    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 87.600%   |
| 46) 2-Hexanone-d5             | 8.030  | 63    | 63228    | 61.060   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 122.120%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159 | 84    | 29734    | 5.524    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 110.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.570 | 152   | 27143    | 4.679    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 93.600%   |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 13) Acetone                   | 2.121  | 43    | 5576     | 3.242    | ug/L   | 85        |
| 16) Methylene chloride        | 2.445  | 84    | 2725     | 0.380    | ug/L   | 84        |
| 22) cis-1,2-Dichloroethene    | 3.822  | 96    | 11626    | 2.048    | ug/L   | 92        |
| 34) Trichloroethene           | 5.841  | 95    | 6986     | 1.054    | ug/L   | 91        |
| 47) Tetrachloroethene         | 7.911  | 164   | 241897   | 46.838   | ug/L   | 98        |
| -----                         |        |       |          |          |        |           |

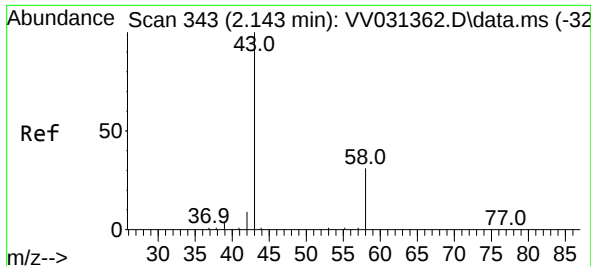
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.242 ug/L

RT: 2.121 min Scan# 31

Delta R.T. -0.023 min

Lab File: VV031374.D

Acq: 06 Jun 2023 14:47

Instrument :

MSVOA\_V

ClientSampleId :

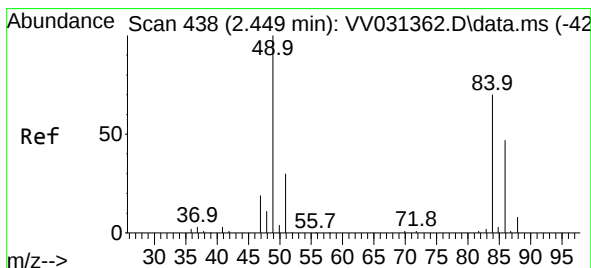
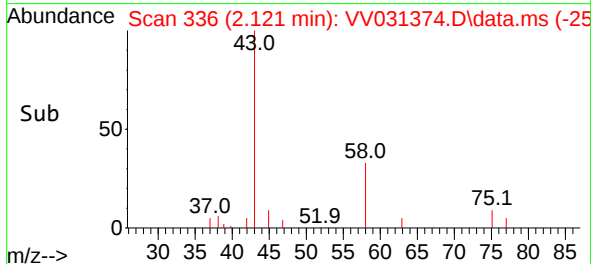
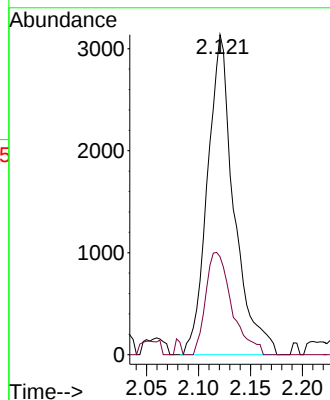
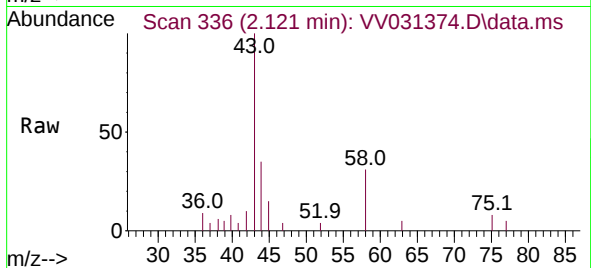
F6C43

Tgt Ion: 43 Resp: 5576

Ion Ratio Lower Upper

43 100

58 31.5 0.0 48.4



#16

Methylene chloride

Concen: 0.380 ug/L

RT: 2.445 min Scan# 437

Delta R.T. -0.003 min

Lab File: VV031374.D

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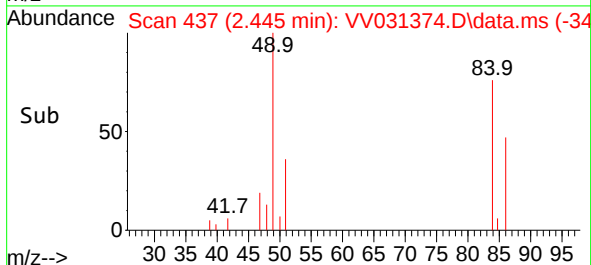
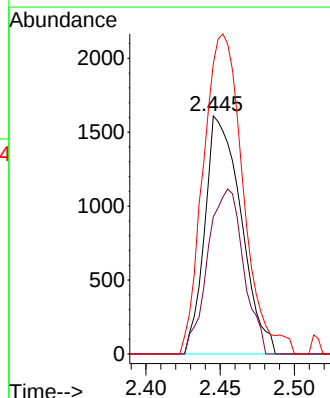
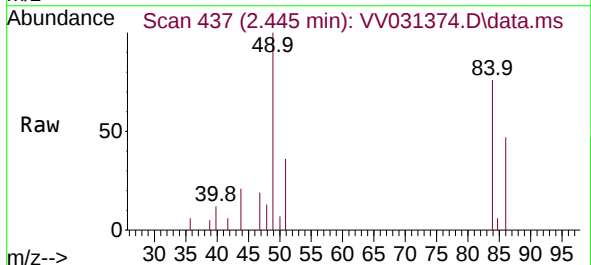
Tgt Ion: 84 Resp: 2725

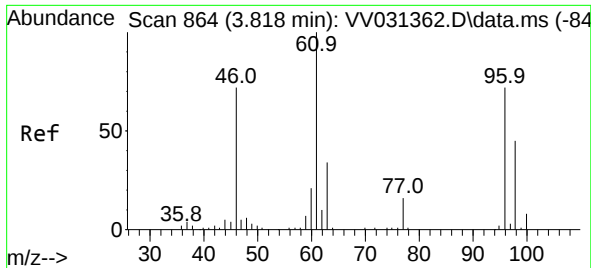
Ion Ratio Lower Upper

84 100

86 57.7 46.7 86.7

49 122.0 101.6 188.8

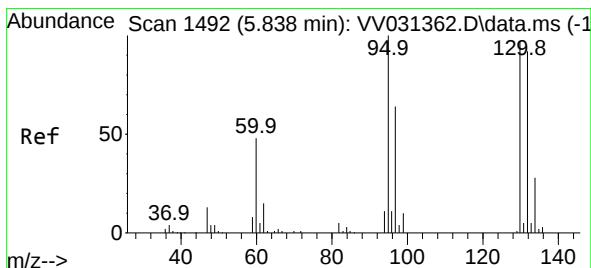
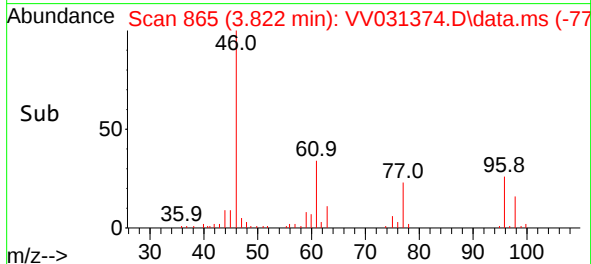
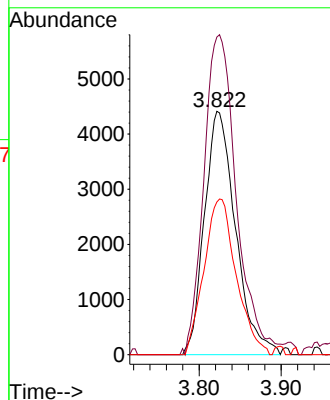
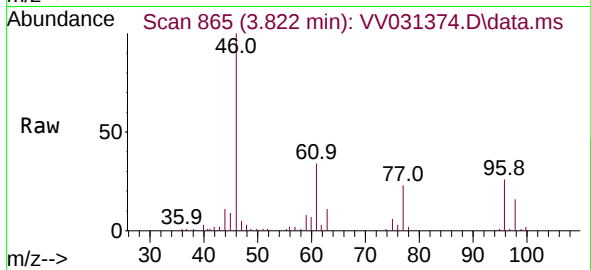




#22  
cis-1,2-Dichloroethene  
Concen: 2.048 ug/L  
RT: 3.822 min Scan# 865  
Delta R.T. 0.003 min  
Lab File: VV031374.D  
Acq: 06 Jun 2023 14:47

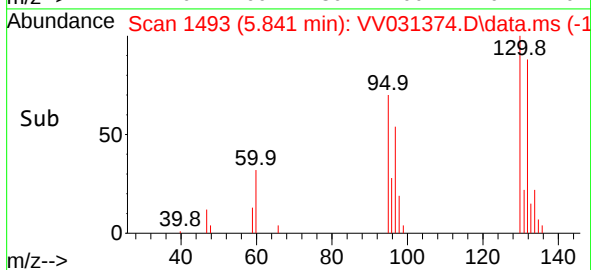
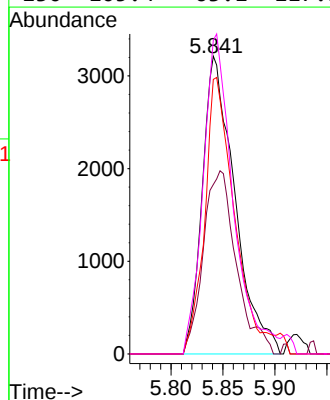
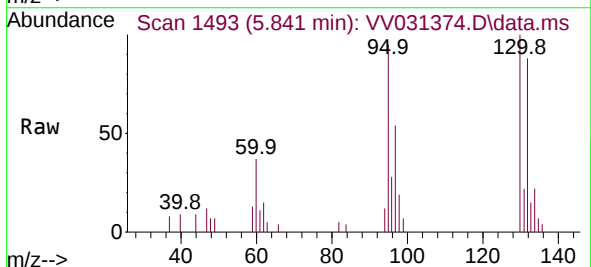
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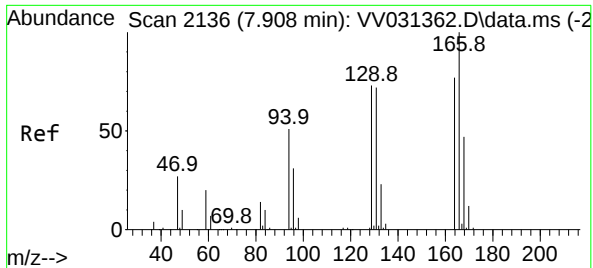
Tgt Ion: 96 Resp: 11626  
Ion Ratio Lower Upper  
96 100  
61 130.6 100.8 187.2  
98 62.7 45.1 83.9



#34  
Trichloroethene  
Concen: 1.054 ug/L  
RT: 5.841 min Scan# 1493  
Delta R.T. 0.003 min  
Lab File: VV031374.D  
Acq: 06 Jun 2023 14:47

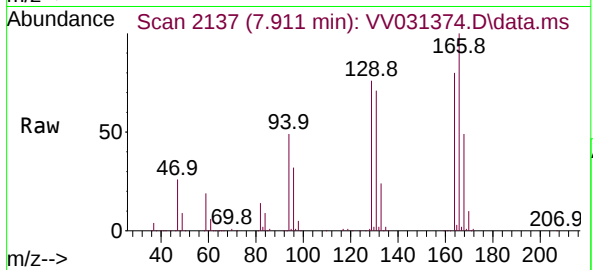
Tgt Ion: 95 Resp: 6986  
Ion Ratio Lower Upper  
95 100  
97 56.9 46.1 85.5  
132 92.2 64.5 119.9  
130 105.4 63.1 117.1





#47  
 Tetrachloroethene  
 Concen: 46.838 ug/L  
 RT: 7.911 min Scan# 21  
 Delta R.T. 0.003 min  
 Lab File: VV031374.D  
 Acq: 06 Jun 2023 14:47

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F6C43



Tgt Ion:164 Resp: 241897

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 95.0  | 66.0  | 122.6 |
| 131 | 89.6  | 65.3  | 121.3 |
| 166 | 125.5 | 90.1  | 167.3 |

