

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV111422\  
 Data File : VV028944.D  
 Acq On : 14 Nov 2022 17:36  
 Operator : SY/MD  
 Sample : N5592-16DL 5X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H0AC1DL

Quant Time: Nov 15 00:06:20 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Nov 15 00:01:45 2022  
 Response via : Initial Calibration

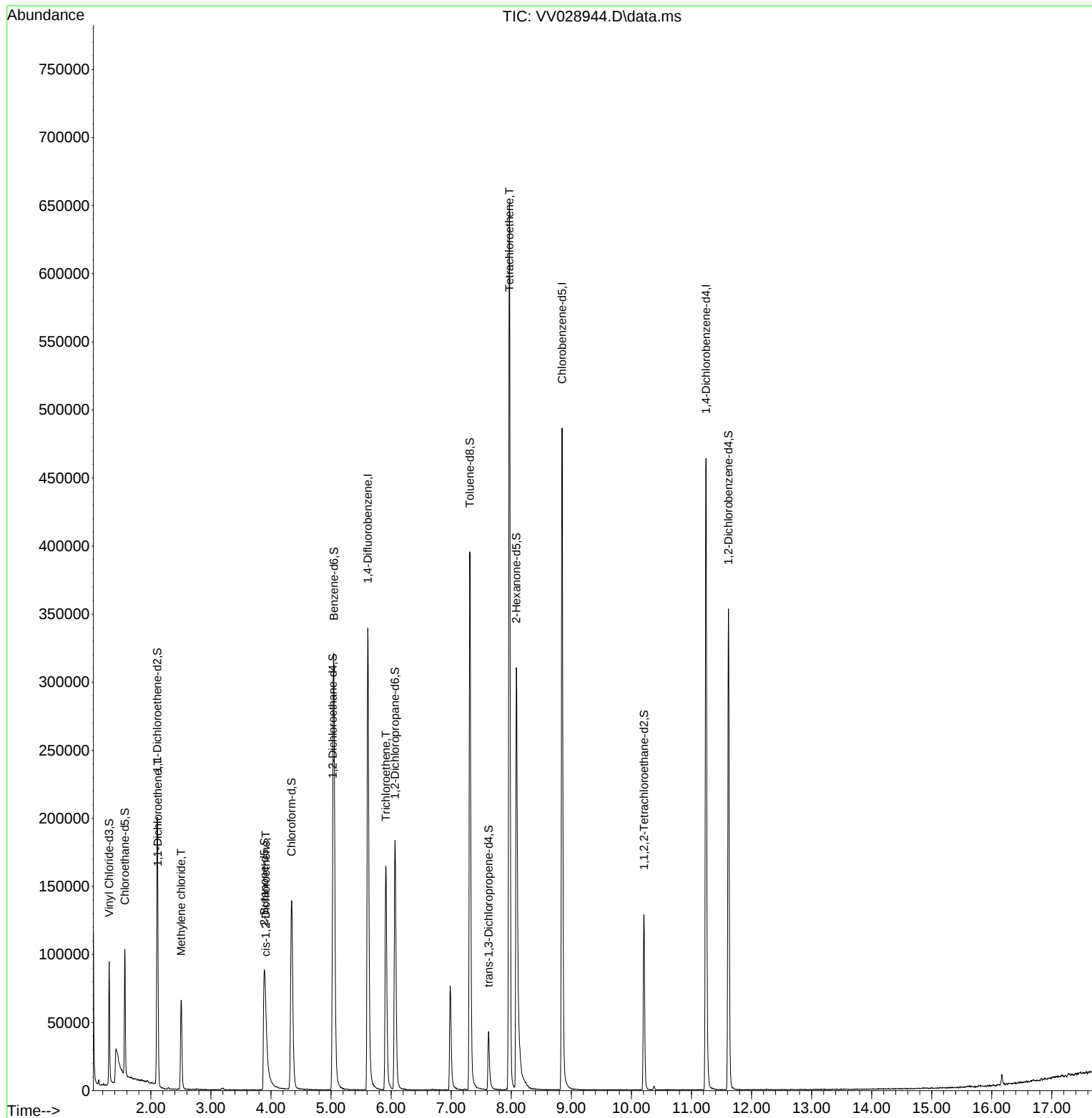
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.613  | 114            | 319039   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.847  | 117            | 293817   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.243 | 152            | 135791   | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 61150    | 3.144  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 62.800%  |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 61413    | 3.592  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 71.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63             | 95266    | 2.688  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 53.800%# |          |
| 20) 2-Butanone-d5             | 3.889  | 46             | 152267   | 46.767 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 93.540%  |          |
| 24) Chloroform-d              | 4.343  | 84             | 156032   | 3.907  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 78.200%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65             | 74576    | 4.151  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 83.000%  |          |
| 32) Benzene-d6                | 5.047  | 84             | 320013   | 3.649  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 73.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.063  | 67             | 96943    | 3.959  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 79.200%  |          |
| 41) Toluene-d8                | 7.310  | 98             | 285127   | 3.612  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 72.200%  |          |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79             | 28121    | 3.521  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 70.400%  |          |
| 46) 2-Hexanone-d5             | 8.085  | 63             | 134358   | 39.409 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 78.820%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.210 | 84             | 66017    | 3.888  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 77.800%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.616 | 152            | 100485   | 4.136  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 82.800%  |          |
| Target Compounds              |        |                |          |        |          |          |
| 12) 1,1-Dichloroethene        | 2.118  | 96             | 11376    | 0.589  | ug/L #   | 1        |
| 16) Methylene chloride        | 2.507  | 84             | 30496    | 1.221  | ug/L     | 95       |
| 22) cis-1,2-Dichloroethene    | 3.912  | 96             | 4026     | 0.177  | ug/L     | 83       |
| 34) Trichloroethene           | 5.912  | 95             | 61104    | 2.658  | ug/L     | 97       |
| 47) Tetrachloroethene         | 7.969  | 164            | 151053   | 8.207  | ug/L     | 98       |

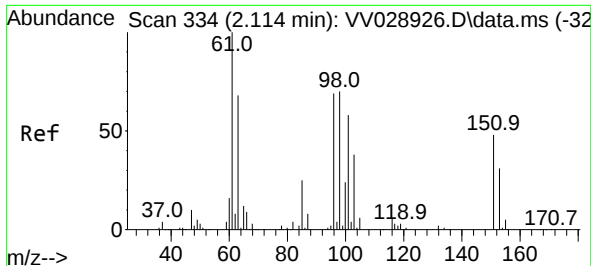
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.589 ug/L

RT: 2.118 min Scan# 311

Delta R.T. 0.003 min

Lab File: VV028944.D

Acq: 14 Nov 2022 17:36

Instrument :

MSVOA\_V

ClientSampleId :

H0AC1DL

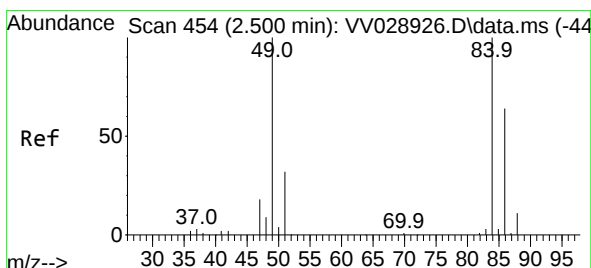
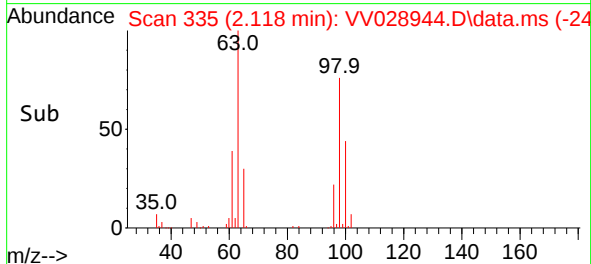
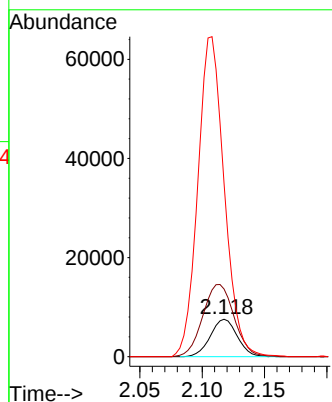
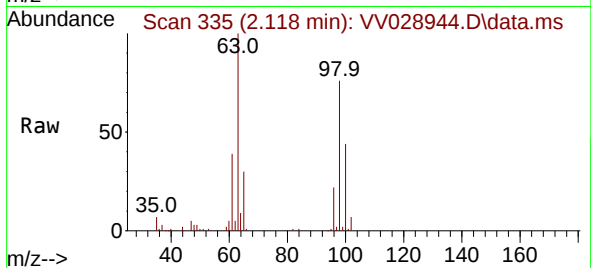
Tgt Ion: 96 Resp: 11376

Ion Ratio Lower Upper

96 100

61 181.1 104.2 193.4

63 463.7 75.9 140.9#



#16

Methylene chloride

Concen: 1.221 ug/L

RT: 2.507 min Scan# 456

Delta R.T. 0.006 min

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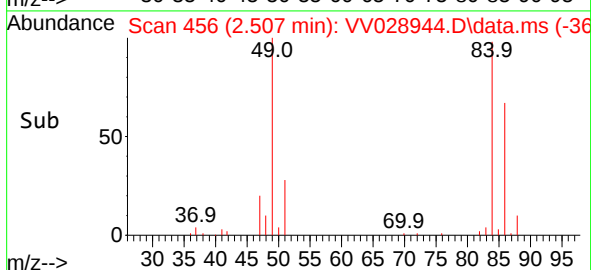
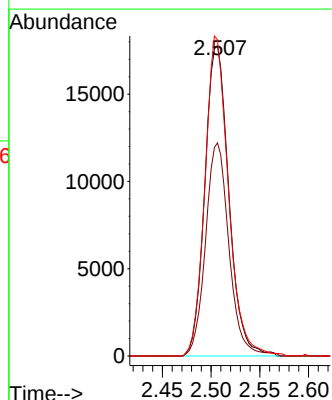
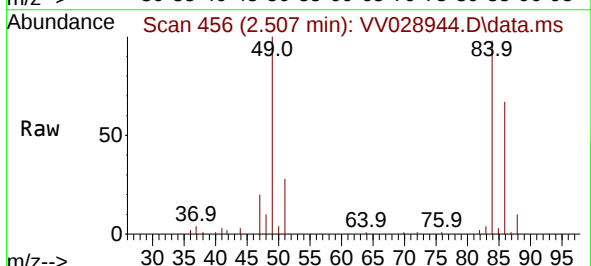
Tgt Ion: 84 Resp: 30496

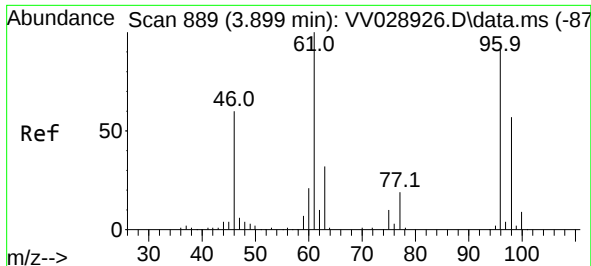
Ion Ratio Lower Upper

84 100

86 68.8 45.8 85.0

49 102.1 75.5 140.1

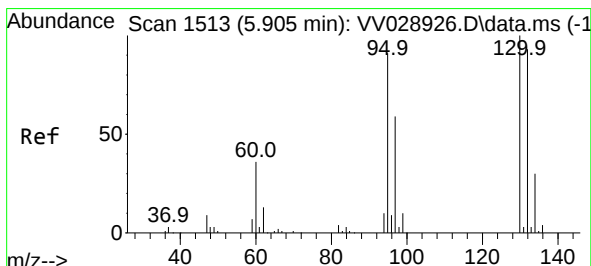
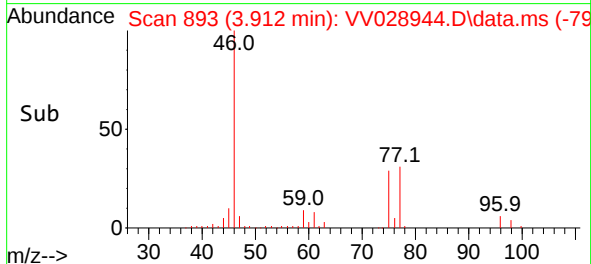
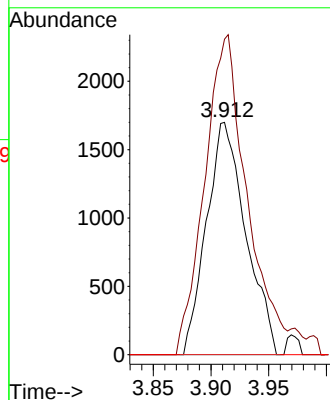
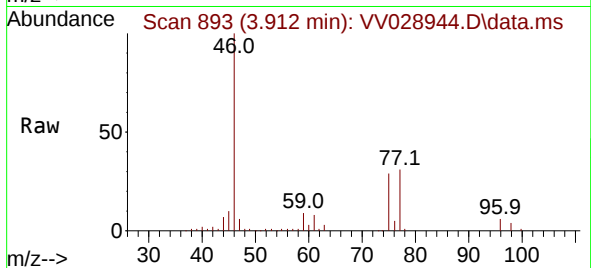




#22  
cis-1,2-Dichloroethene  
Concen: 0.177 ug/L  
RT: 3.912 min Scan# 891  
Delta R.T. 0.013 min  
Lab File: VV028944.D  
Acq: 14 Nov 2022 17:36

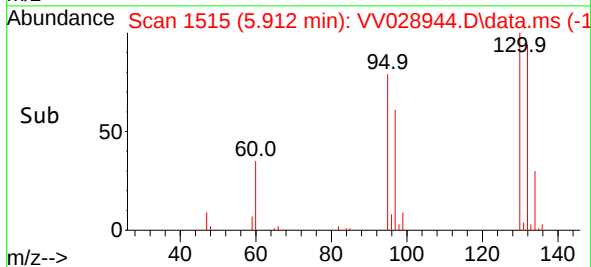
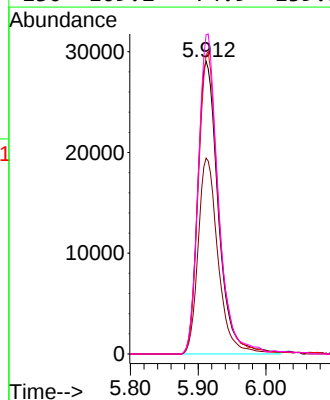
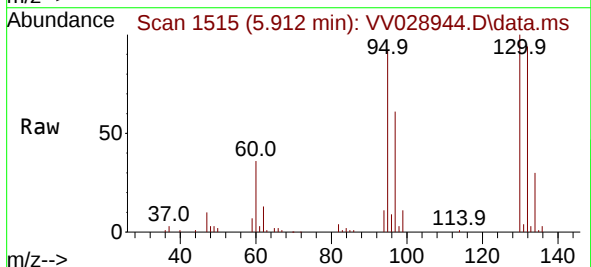
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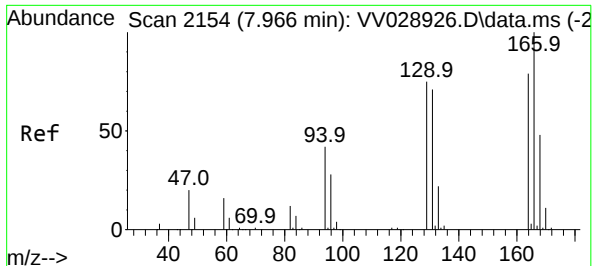
Tgt Ion: 96 Resp: 4026  
Ion Ratio Lower Upper  
96 100  
61 135.8 82.3 152.9  
68 0.0 0.0 0.0



#34  
Trichloroethene  
Concen: 2.658 ug/L  
RT: 5.912 min Scan# 1515  
Delta R.T. 0.006 min  
Lab File: VV028944.D  
Acq: 14 Nov 2022 17:36

Tgt Ion: 95 Resp: 61104  
Ion Ratio Lower Upper  
95 100  
97 67.0 45.6 84.8  
132 102.3 69.1 128.3  
130 109.2 74.9 139.1





#47  
 Tetrachloroethene  
 Concen: 8.207 ug/L  
 RT: 7.969 min Scan# 2155  
 Delta R.T. 0.003 min  
 Lab File: VV028944.D  
 Acq: 14 Nov 2022 17:36

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H0AC1DL

Tgt Ion:164 Resp: 151053

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 93.4  | 63.9  | 118.7 |
| 131 | 91.1  | 61.8  | 114.8 |
| 166 | 127.8 | 90.2  | 167.4 |

