

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW111422\  
 Data File : VW028947.D  
 Acq On : 14 Nov 2022 18:50  
 Operator : SY/MD  
 Sample : N5592-19DL 10X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H0AC4DL

Quant Time: Nov 15 00:06:58 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

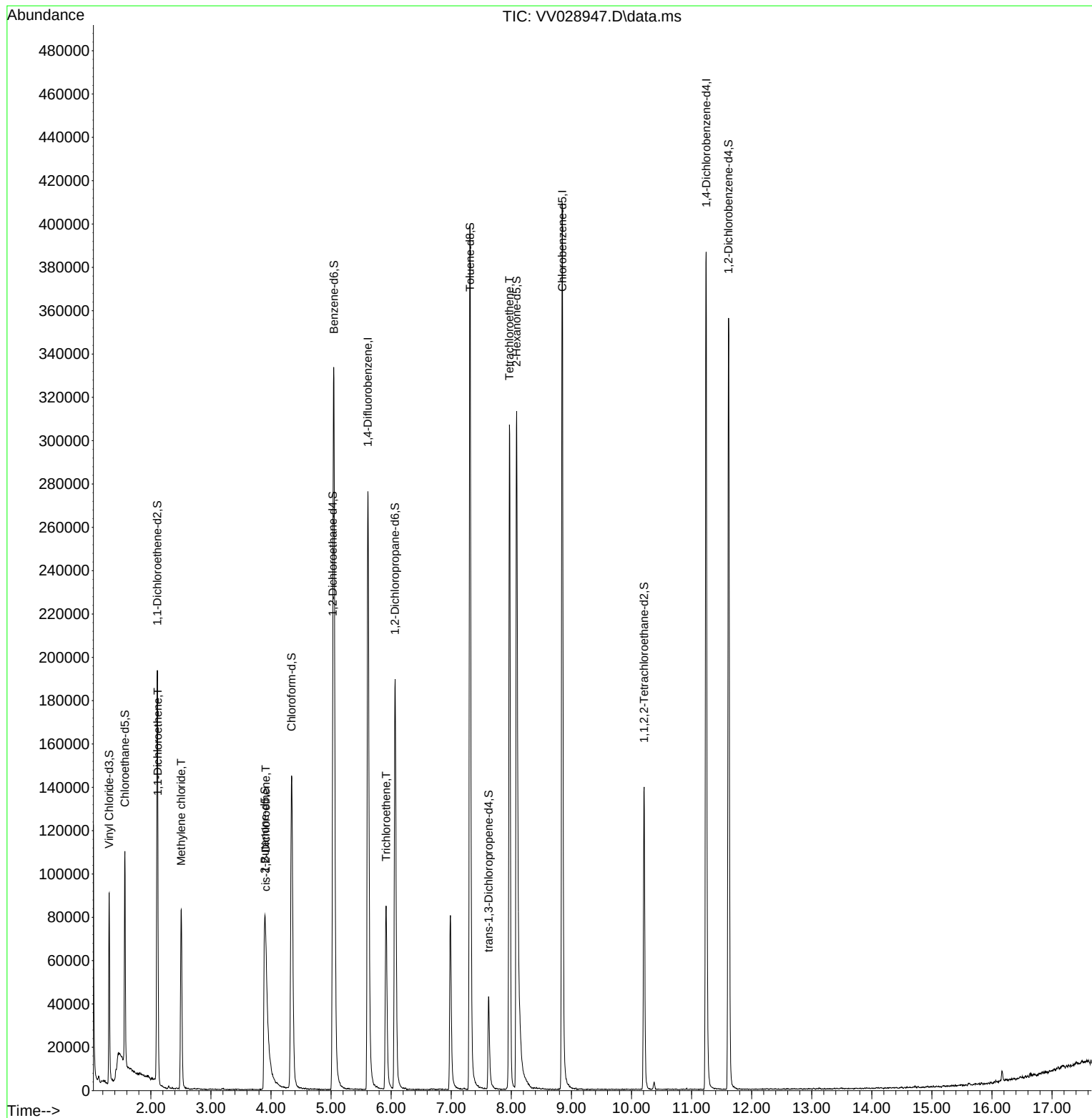
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.612  | 114            | 263875   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.847  | 117            | 245992   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.242 | 152            | 114309   | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65             | 61805    | 3.842  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 76.800%  |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 62970    | 4.453  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 89.000%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63             | 93670    | 3.195  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 64.000%  |          |
| 20) 2-Butanone-d5             | 3.895  | 46             | 159173   | 59.108 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 118.220% |          |
| 24) Chloroform-d              | 4.342  | 84             | 159738   | 4.836  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 96.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.027  | 65             | 74465    | 5.011  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 100.200% |          |
| 32) Benzene-d6                | 5.047  | 84             | 326498   | 4.447  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 89.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67             | 97186    | 4.740  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 94.800%  |          |
| 41) Toluene-d8                | 7.313  | 98             | 286091   | 4.328  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 86.600%  |          |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79             | 29291    | 4.380  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 87.600%  |          |
| 46) 2-Hexanone-d5             | 8.088  | 63             | 137075   | 48.023 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 96.040%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.210 | 84             | 69335    | 4.878  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 97.600%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.615 | 152            | 103008   | 5.037  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 100.800% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 12) 1,1-Dichloroethene        | 2.117  | 96             | 6158     | 0.385  | ug/L     | # 1      |
| 16) Methylene chloride        | 2.503  | 84             | 37971    | 1.838  | ug/L     | 93       |
| 22) cis-1,2-Dichloroethene    | 3.912  | 96             | 2278     | 0.121  | ug/L     | 71       |
| 34) Trichloroethene           | 5.915  | 95             | 31011    | 1.611  | ug/L     | 95       |
| 47) Tetrachloroethene         | 7.969  | 164            | 71267    | 4.625  | ug/L     | 97       |
| -----                         |        |                |          |        |          |          |

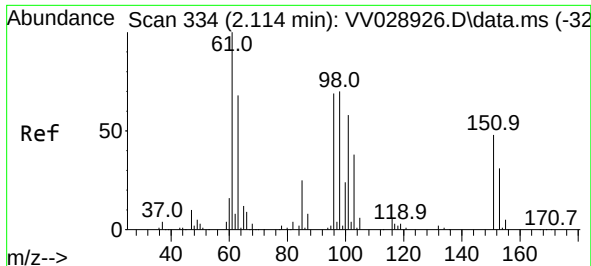
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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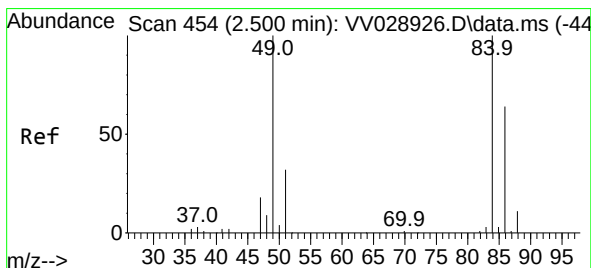
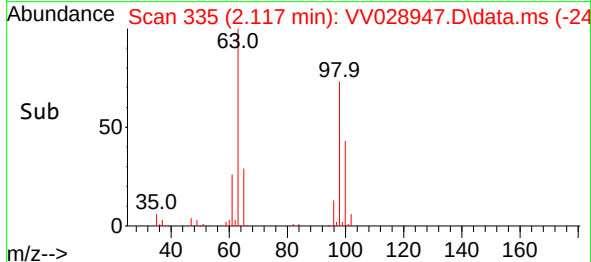
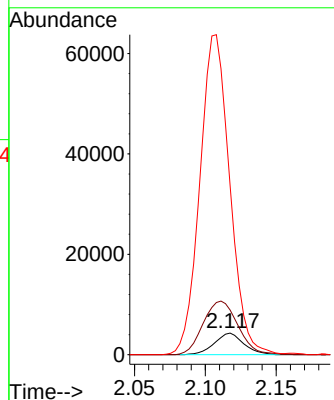
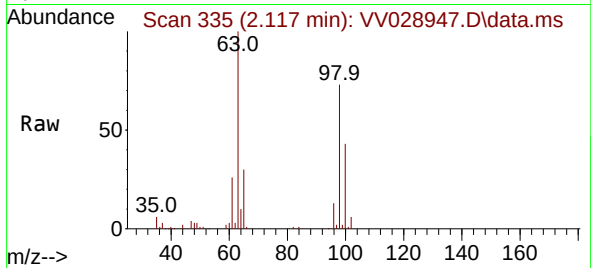




#12  
1,1-Dichloroethene  
Concen: 0.385 ug/L  
RT: 2.117 min Scan# 311  
Delta R.T. 0.003 min  
Lab File: VV028947.D  
Acq: 14 Nov 2022 18:50

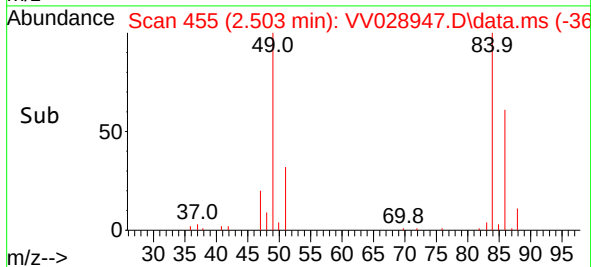
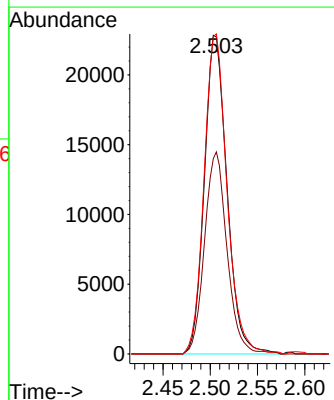
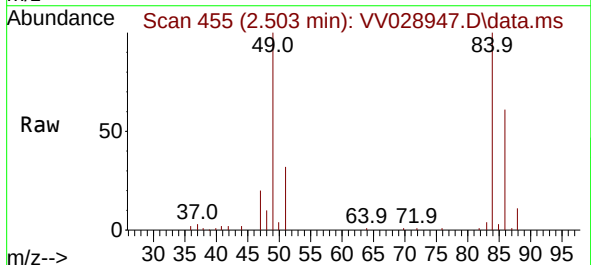
Instrument :  
MSVOA\_V  
ClientSampleId :  
H0AC4DL

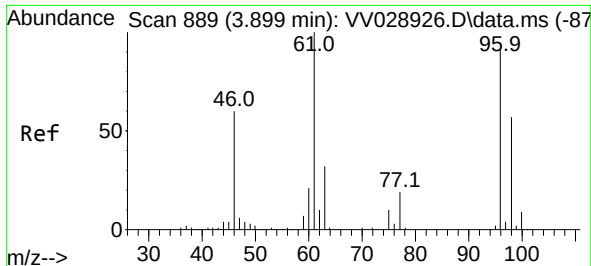
Tgt Ion: 96 Resp: 6158  
Ion Ratio Lower Upper  
96 100  
61 206.1 104.2 193.4#  
63 780.2 75.9 140.9#



#16  
Methylene chloride  
Concen: 1.838 ug/L  
RT: 2.503 min Scan# 455  
Delta R.T. 0.003 min  
Lab File: VV028947.D  
Acq: 14 Nov 2022 18:50

Tgt Ion: 84 Resp: 37971  
Ion Ratio Lower Upper  
84 100  
86 61.3 45.8 85.0  
49 99.6 75.5 140.1

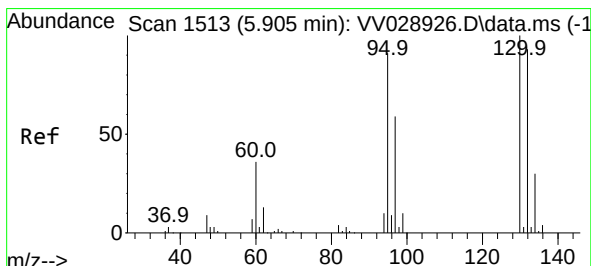
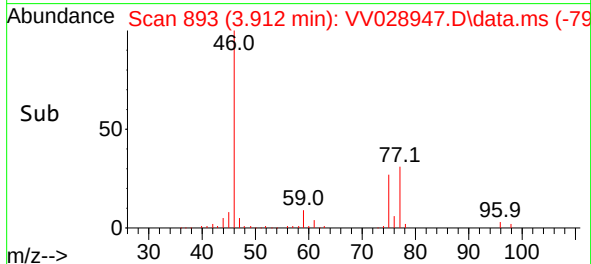
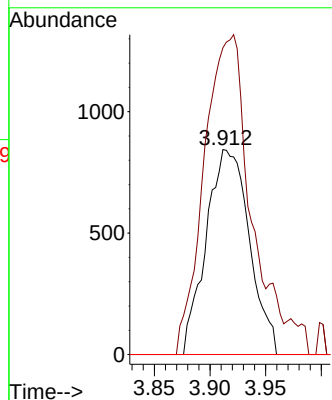
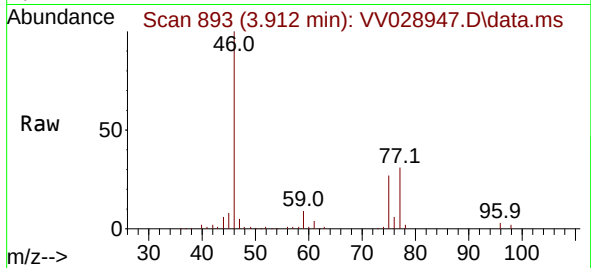




#22  
 cis-1,2-Dichloroethene  
 Concen: 0.121 ug/L  
 RT: 3.912 min Scan# 893  
 Delta R.T. 0.013 min  
 Lab File: VV028947.D  
 Acq: 14 Nov 2022 18:50

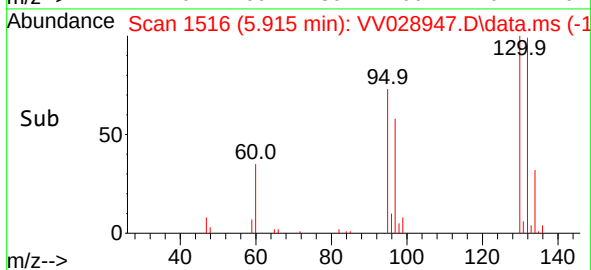
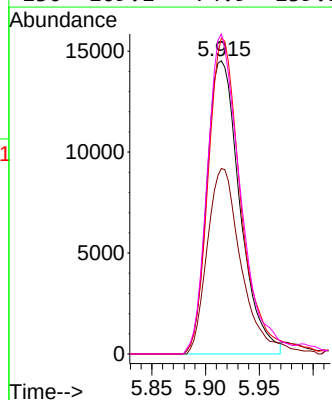
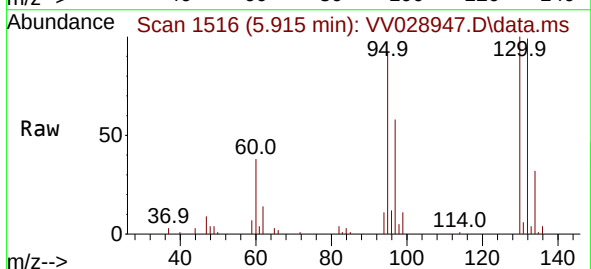
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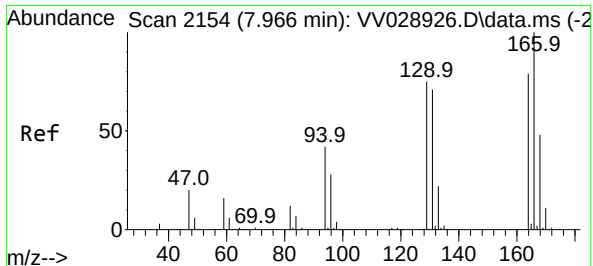
Tgt Ion: 96 Resp: 2278  
 Ion Ratio Lower Upper  
 96 100  
 61 149.6 82.3 152.9  
 68 0.0 0.0 0.0



#34  
 Trichloroethene  
 Concen: 1.611 ug/L  
 RT: 5.915 min Scan# 1516  
 Delta R.T. 0.009 min  
 Lab File: VV028947.D  
 Acq: 14 Nov 2022 18:50

Tgt Ion: 95 Resp: 31011  
 Ion Ratio Lower Upper  
 95 100  
 97 63.2 45.6 84.8  
 132 107.8 69.1 128.3  
 130 109.1 74.9 139.1





#47  
 Tetrachloroethene  
 Concen: 4.625 ug/L  
 RT: 7.969 min Scan# 2155  
 Delta R.T. 0.003 min  
 Lab File: VV028947.D  
 Acq: 14 Nov 2022 18:50

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H0AC4DL

|             |       |             |
|-------------|-------|-------------|
| Tgt Ion:164 | Resp: | 71267       |
| Ion         | Ratio | Lower Upper |
| 164         | 100   |             |
| 129         | 96.4  | 63.9 118.7  |
| 131         | 90.3  | 61.8 114.8  |
| 166         | 127.7 | 90.2 167.4  |

