

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW022624\  
 Data File : VW034428.D  
 Acq On : 26 Feb 2024 23:31  
 Operator : SY/MD  
 Sample : P1535-16  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AD8

Quant Time: Feb 27 05:11:07 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR022624WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Feb 27 05:05:59 2024  
 Response via : Initial Calibration

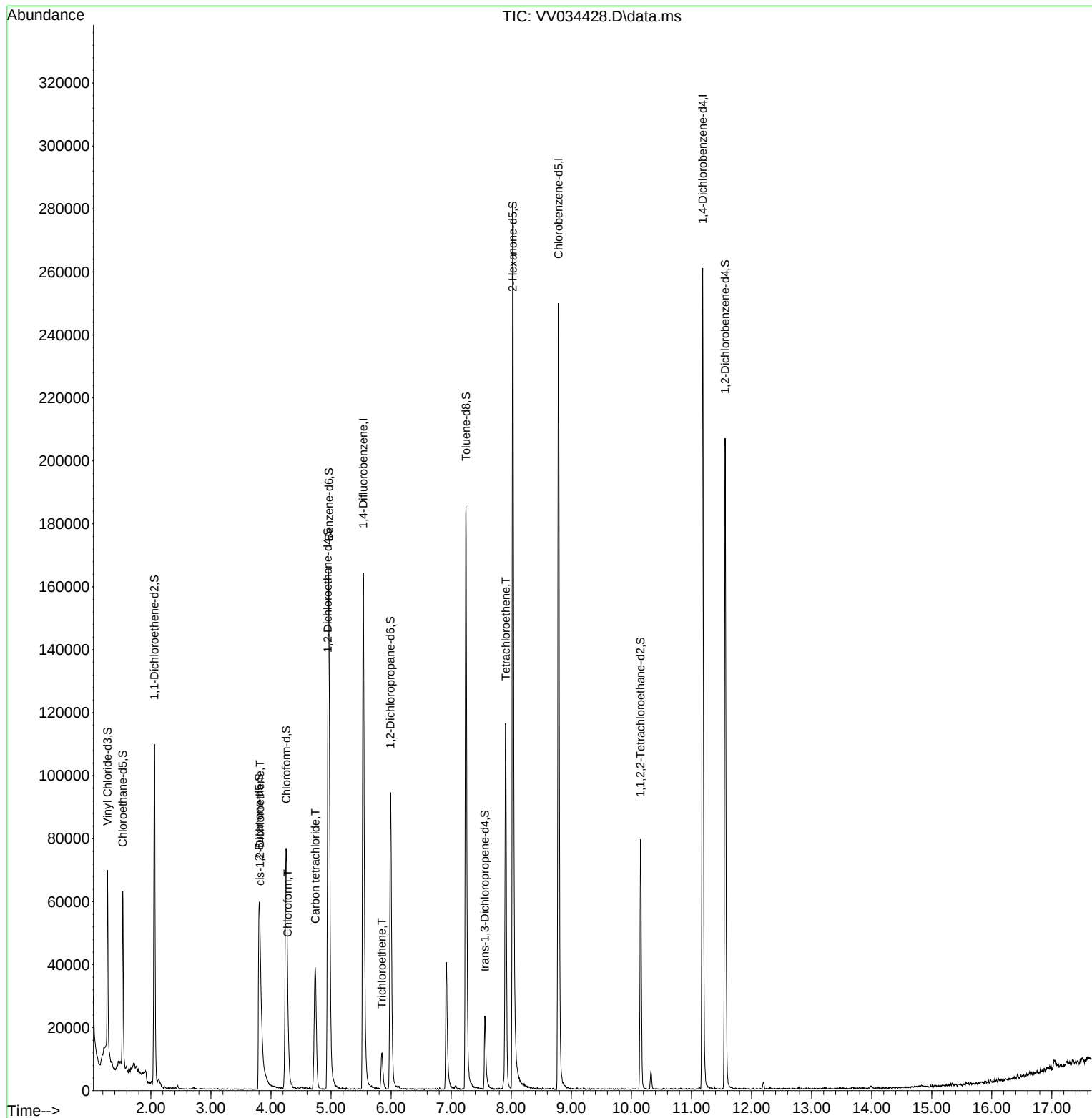
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.535  | 114            | 141490   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.786  | 117            | 135320   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152            | 67362    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65             | 36583    | 4.454  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 89.000%  |          |
| 7) Chloroethane-d5            | 1.532  | 69             | 33439    | 4.610  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 92.200%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.059  | 65             | 18201    | 4.761  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 95.200%  |          |
| 20) 2-Butanone-d5             | 3.802  | 46             | 112935   | 52.591 | ug/L     | -0.02    |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 105.180% |          |
| 24) Chloroform-d              | 4.252  | 84             | 79680    | 4.832  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 96.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65             | 45054    | 5.369  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 107.400% |          |
| 32) Benzene-d6                | 4.963  | 84             | 143142   | 4.702  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 94.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 5.989  | 67             | 44545    | 4.901  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 98.000%  |          |
| 41) Toluene-d8                | 7.246  | 98             | 126304   | 4.627  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 92.600%  |          |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79             | 14780    | 4.365  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 87.200%  |          |
| 46) 2-Hexanone-d5             | 8.024  | 63             | 102559   | 53.565 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 107.120% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.152 | 84             | 36221    | 5.035  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 100.600% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152            | 51802    | 5.062  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 101.200% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 22) cis-1,2-Dichloroethene    | 3.818  | 96             | 3567     | 0.360  | ug/L     | # 80     |
| 25) Chloroform                | 4.278  | 83             | 10269    | 0.570  | ug/L     | 96       |
| 31) Carbon tetrachloride      | 4.738  | 117            | 29907    | 2.036  | ug/L     | 99       |
| 34) Trichloroethene           | 5.847  | 95             | 4455     | 0.456  | ug/L     | 93       |
| 47) Tetrachloroethene         | 7.908  | 164            | 24585    | 3.204  | ug/L     | 96       |
| -----                         |        |                |          |        |          |          |

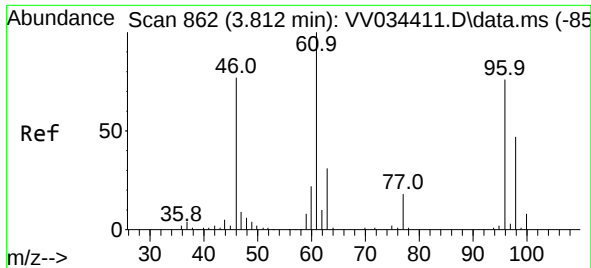
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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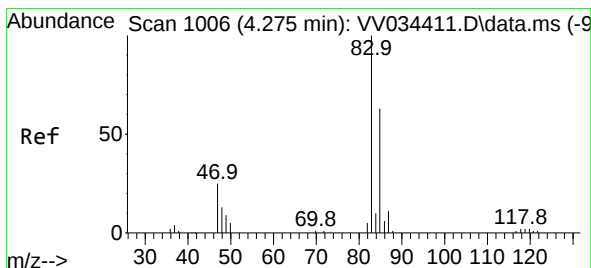
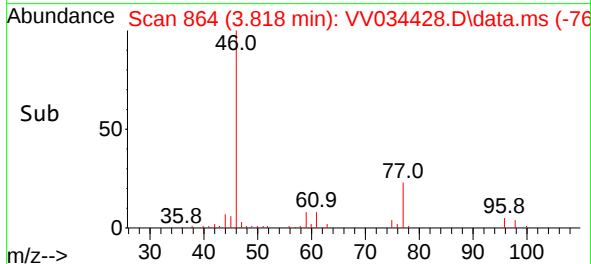
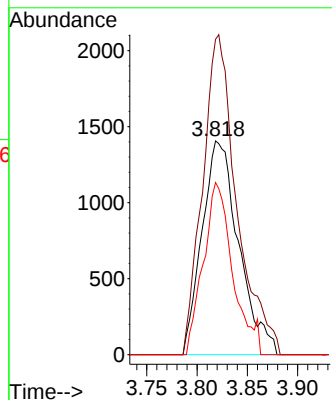
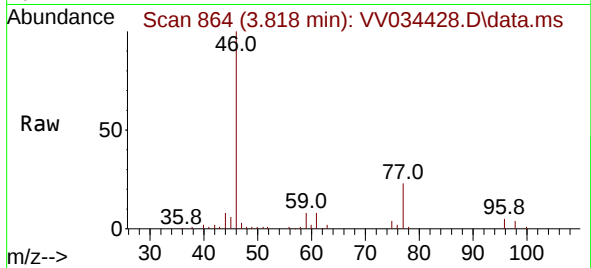




#22  
 cis-1,2-Dichloroethene  
 Concen: 0.360 ug/L  
 RT: 3.818 min Scan# 80  
 Delta R.T. 0.006 min  
 Lab File: VV034428.D  
 Acq: 26 Feb 2024 23:31

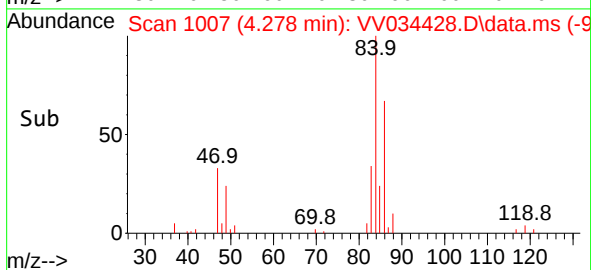
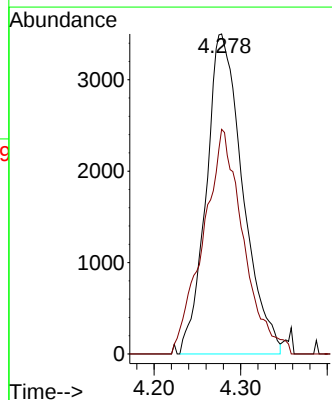
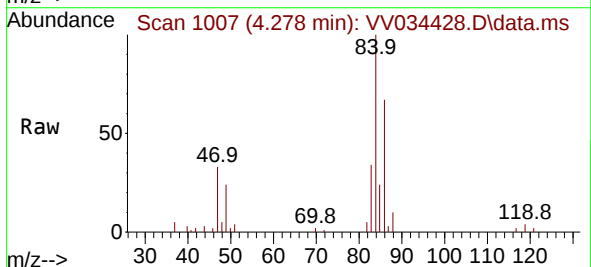
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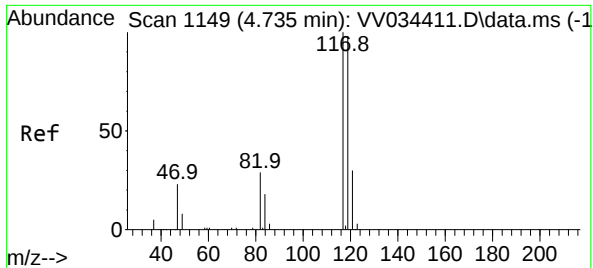
Tgt Ion: 96 Resp: 3567  
 Ion Ratio Lower Upper  
 96 100  
 61 147.5 89.7 166.5  
 98 80.6 42.0 78.0#



#25  
 Chloroform  
 Concen: 0.570 ug/L  
 RT: 4.278 min Scan# 1007  
 Delta R.T. 0.003 min  
 Lab File: VV034428.D  
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Tgt Ion: 83 Resp: 10269  
 Ion Ratio Lower Upper  
 83 100  
 85 70.2 47.0 87.4

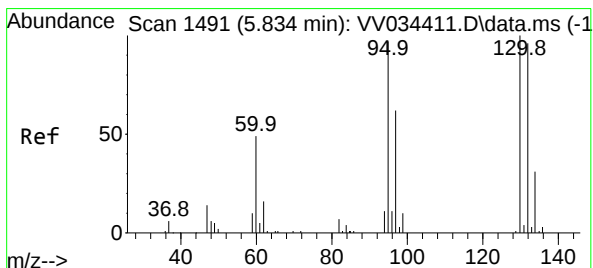
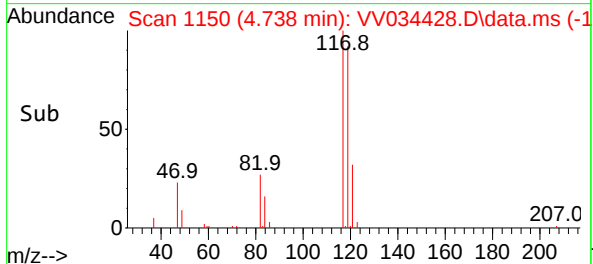
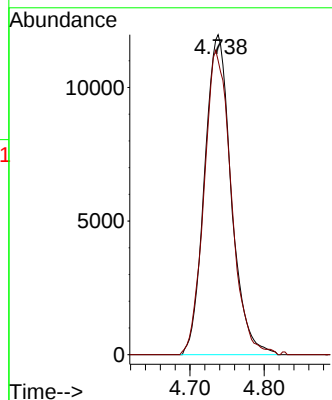
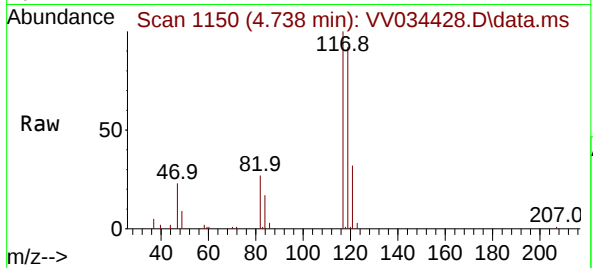




#31  
Carbon tetrachloride  
Concen: 2.036 ug/L  
RT: 4.738 min Scan# 1149  
Delta R.T. 0.003 min  
Lab File: VV034428.D  
Acq: 26 Feb 2024 23:31

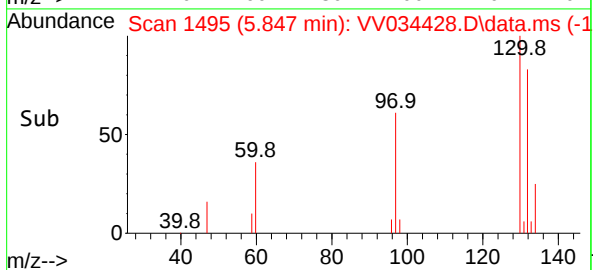
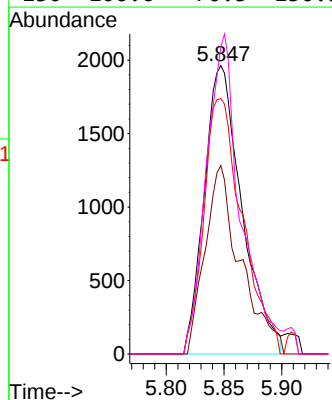
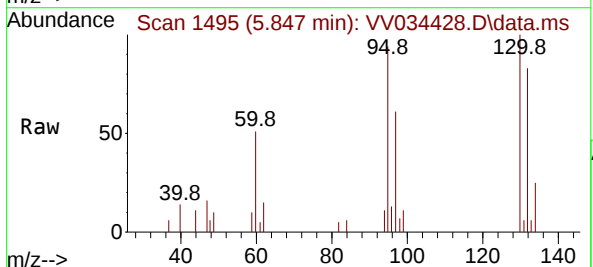
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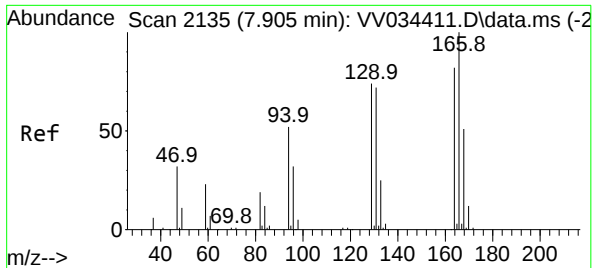
Tgt Ion:117 Resp: 29907  
Ion Ratio Lower Upper  
117 100  
119 96.8 77.0 115.6



#34  
Trichloroethene  
Concen: 0.456 ug/L  
RT: 5.847 min Scan# 1495  
Delta R.T. 0.013 min  
Lab File: VV034428.D  
Acq: 26 Feb 2024 23:31

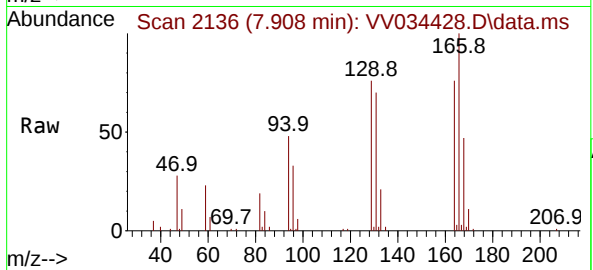
Tgt Ion: 95 Resp: 4455  
Ion Ratio Lower Upper  
95 100  
97 65.3 43.3 80.5  
132 88.6 67.8 126.0  
130 106.6 70.3 130.5





#47  
 Tetrachloroethene  
 Concen: 3.204 ug/L  
 RT: 7.908 min Scan# 21  
 Delta R.T. 0.003 min  
 Lab File: VV034428.D  
 Acq: 26 Feb 2024 23:31

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AD8



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 164   | Resp: | 24585 |
| Ion      | Ratio | Lower | Upper |
| 164      | 100   |       |       |
| 129      | 100.7 | 64.2  | 119.2 |
| 131      | 92.6  | 65.9  | 122.3 |
| 166      | 132.0 | 89.9  | 166.9 |

