

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW122721\  
 Data File : VW024190.D  
 Acq On : 27 Dec 2021 19:26  
 Operator : SY/MD  
 Sample : M5170-03DL 100X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H0AN8DL

Quant Time: Dec 28 05:52:11 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR122721WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Dec 28 05:23:55 2021  
 Response via : Initial Calibration

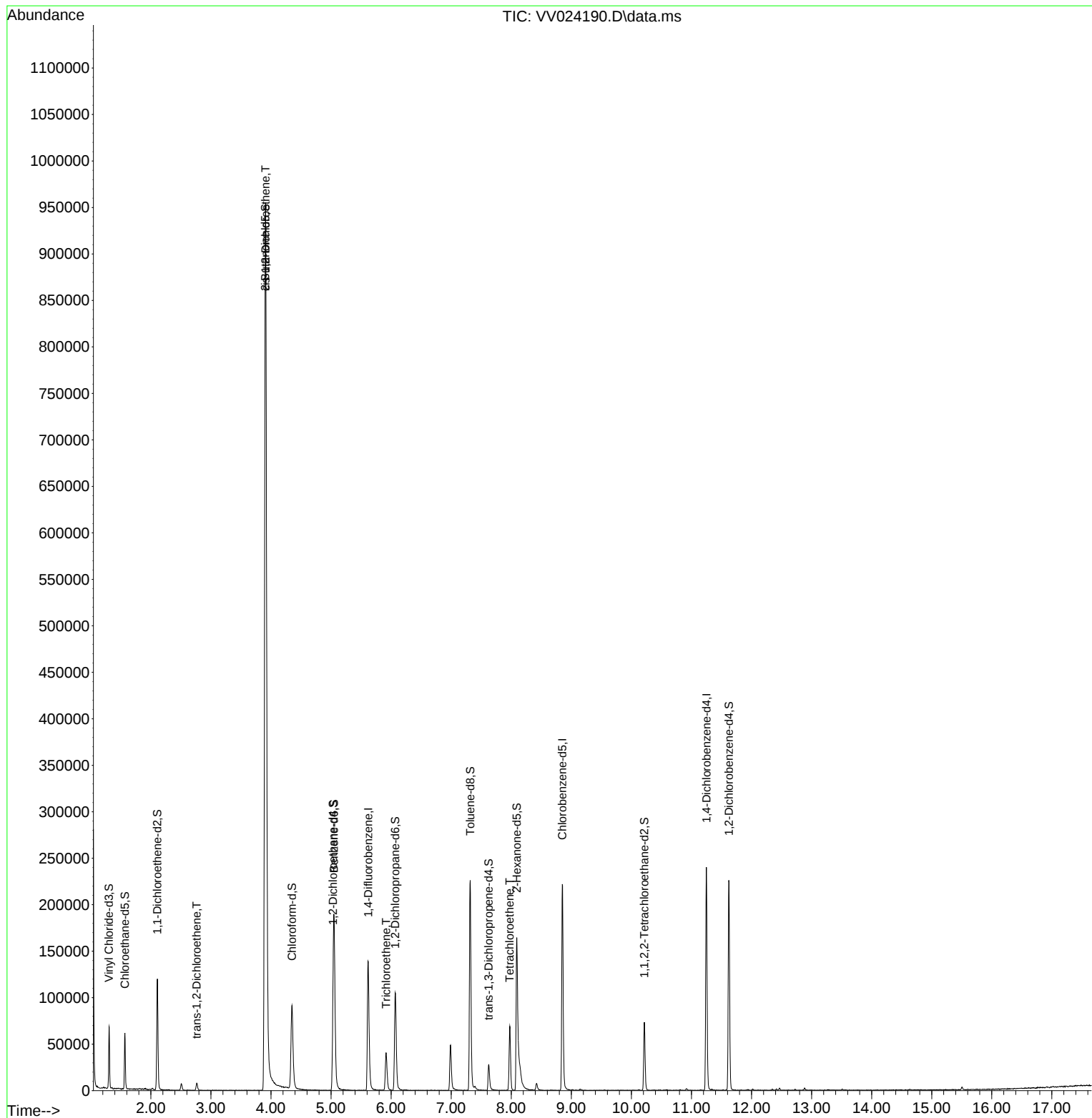
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114            | 124253   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117            | 128044   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 65597    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65             | 38102    | 4.077  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 81.600%  |          |
| 7) Chloroethane-d5            | 1.568  | 69             | 35025    | 4.494  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 89.800%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63             | 58561    | 2.578  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 51.600%# |          |
| 20) 2-Butanone-d5             | 3.905  | 46             | 64125    | 61.769 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 123.540% |          |
| 24) Chloroform-d              | 4.349  | 84             | 90920    | 4.583  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 91.600%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65             | 44721    | 5.036  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 100.800% |          |
| 32) Benzene-d6                | 5.050  | 84             | 171219   | 4.952  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 99.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67             | 49338    | 5.209  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 104.200% |          |
| 41) Toluene-d8                | 7.317  | 98             | 152455   | 4.473  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 89.400%  |          |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79             | 18139    | 4.523  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 90.400%  |          |
| 46) 2-Hexanone-d5             | 8.092  | 63             | 72675    | 53.892 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 107.780% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 34172    | 5.284  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 105.600% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152            | 60733    | 5.326  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 106.600% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          |          |
| 18) trans-1,2-Dichloroethene  | 2.764  | 96             | 3059     | 0.169  | ug/L     | 89       |
| 22) cis-1,2-Dichloroethene    | 3.908  | 96             | 534436   | 29.807 | ug/L     | 100      |
| 34) Trichloroethene           | 5.915  | 95             | 13527    | 0.714  | ug/L     | 93       |
| 47) Tetrachloroethene         | 7.976  | 164            | 16269    | 0.965  | ug/L     | 99       |
| -----                         |        |                |          |        |          |          |

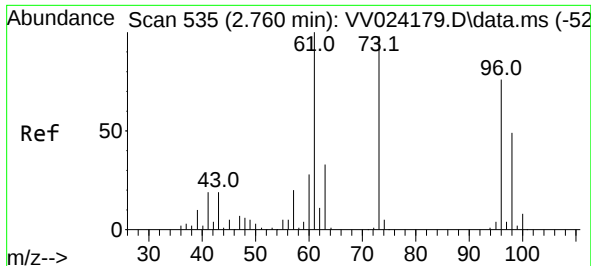
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV122721\  
Data File : VV024190.D  
Acq On : 27 Dec 2021 19:26  
Operator : SY/MD  
Sample : M5170-03DL 100X  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
H0AN8DL

Quant Time: Dec 28 05:52:11 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR122721WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue Dec 28 05:23:55 2021  
Response via : Initial Calibration

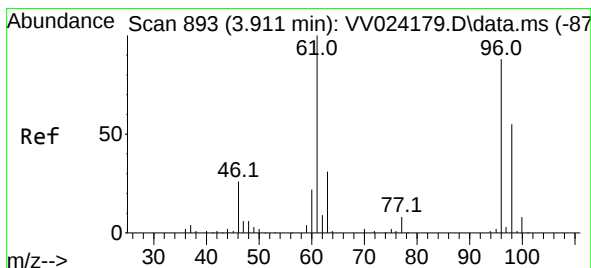
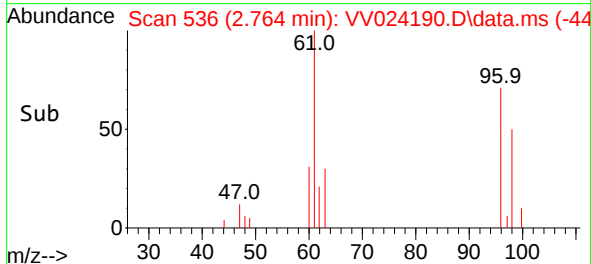
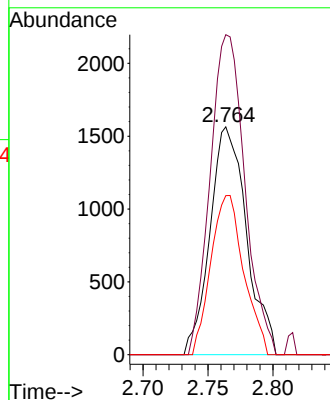
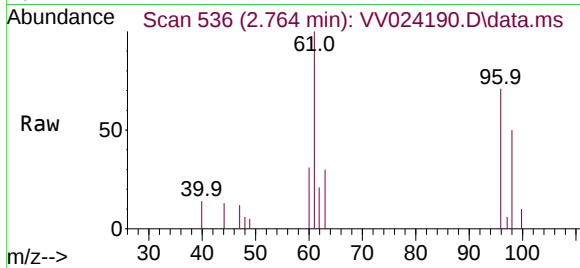




#18  
trans-1,2-Dichloroethene  
Concen: 0.169 ug/L  
RT: 2.764 min Scan# 51  
Delta R.T. 0.003 min  
Lab File: VV024190.D  
Acq: 27 Dec 2021 19:26

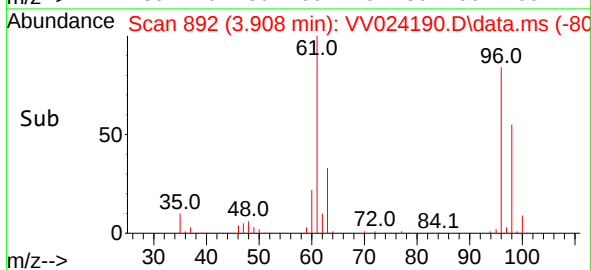
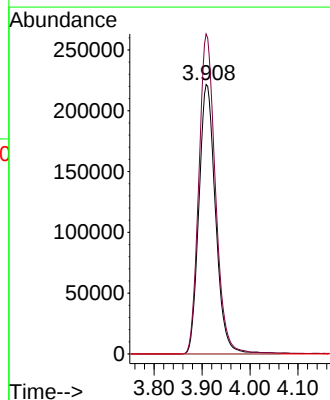
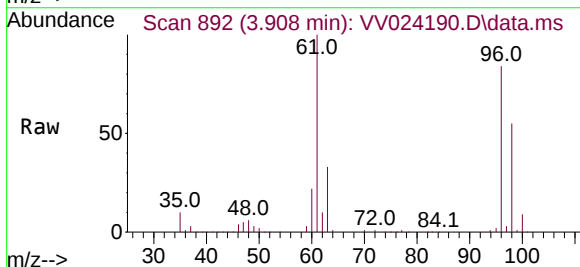
Instrument :  
MSVOA\_V  
ClientSampleId :  
H0AN8DL

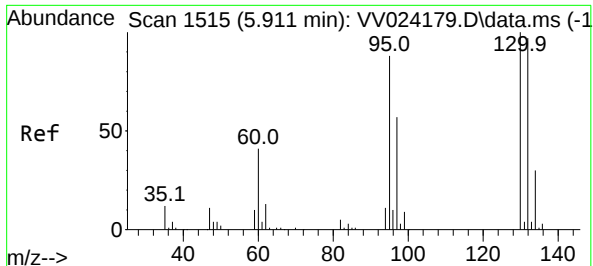
Tgt Ion: 96 Resp: 3059  
Ion Ratio Lower Upper  
96 100  
61 140.5 88.2 163.8  
98 69.8 44.9 83.5



#22  
cis-1,2-Dichloroethene  
Concen: 29.807 ug/L  
RT: 3.908 min Scan# 892  
Delta R.T. -0.003 min  
Lab File: VV024190.D  
Acq: 27 Dec 2021 19:26

Tgt Ion: 96 Resp: 534436  
Ion Ratio Lower Upper  
96 100  
61 118.7 83.4 154.8  
68 0.0 0.0 0.0

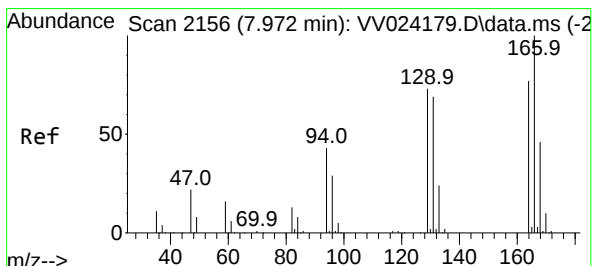
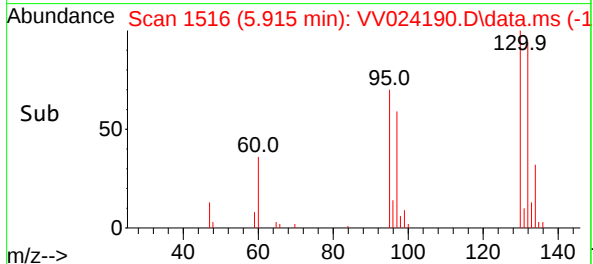
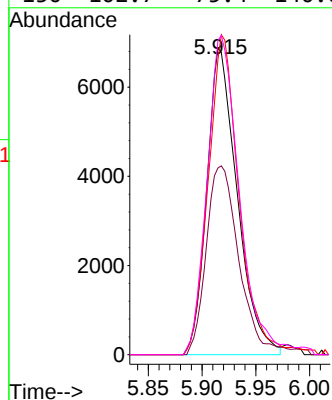
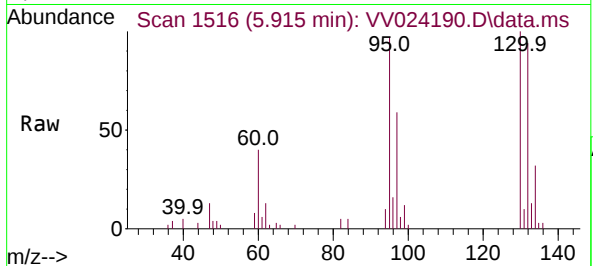




#34  
Trichloroethene  
Concen: 0.714 ug/L  
RT: 5.915 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VV024190.D  
Acq: 27 Dec 2021 19:26

Instrument :  
MSVOA\_V  
ClientSampleId :  
H0AN8DL

Tgt Ion: 95 Resp: 13527  
Ion Ratio Lower Upper  
95 100  
97 61.0 45.2 84.0  
132 96.5 76.1 141.3  
130 102.7 75.4 140.0



#47  
Tetrachloroethene  
Concen: 0.965 ug/L  
RT: 7.976 min Scan# 2157  
Delta R.T. 0.000 min  
Lab File: VV024190.D  
Acq: 27 Dec 2021 19:26

Tgt Ion: 164 Resp: 16269  
Ion Ratio Lower Upper  
164 100  
129 89.5 62.6 116.2  
131 87.3 61.0 113.4  
166 127.5 87.3 162.1

