

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW061222\  
 Data File : VW026192.D  
 Acq On : 13 Jun 2022 03:52  
 Operator : SY/MD  
 Sample : N3278-16 200X  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0BF7

Quant Time: Jun 13 06:40:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR061222WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Jun 13 02:52:24 2022  
 Response via : Initial Calibration

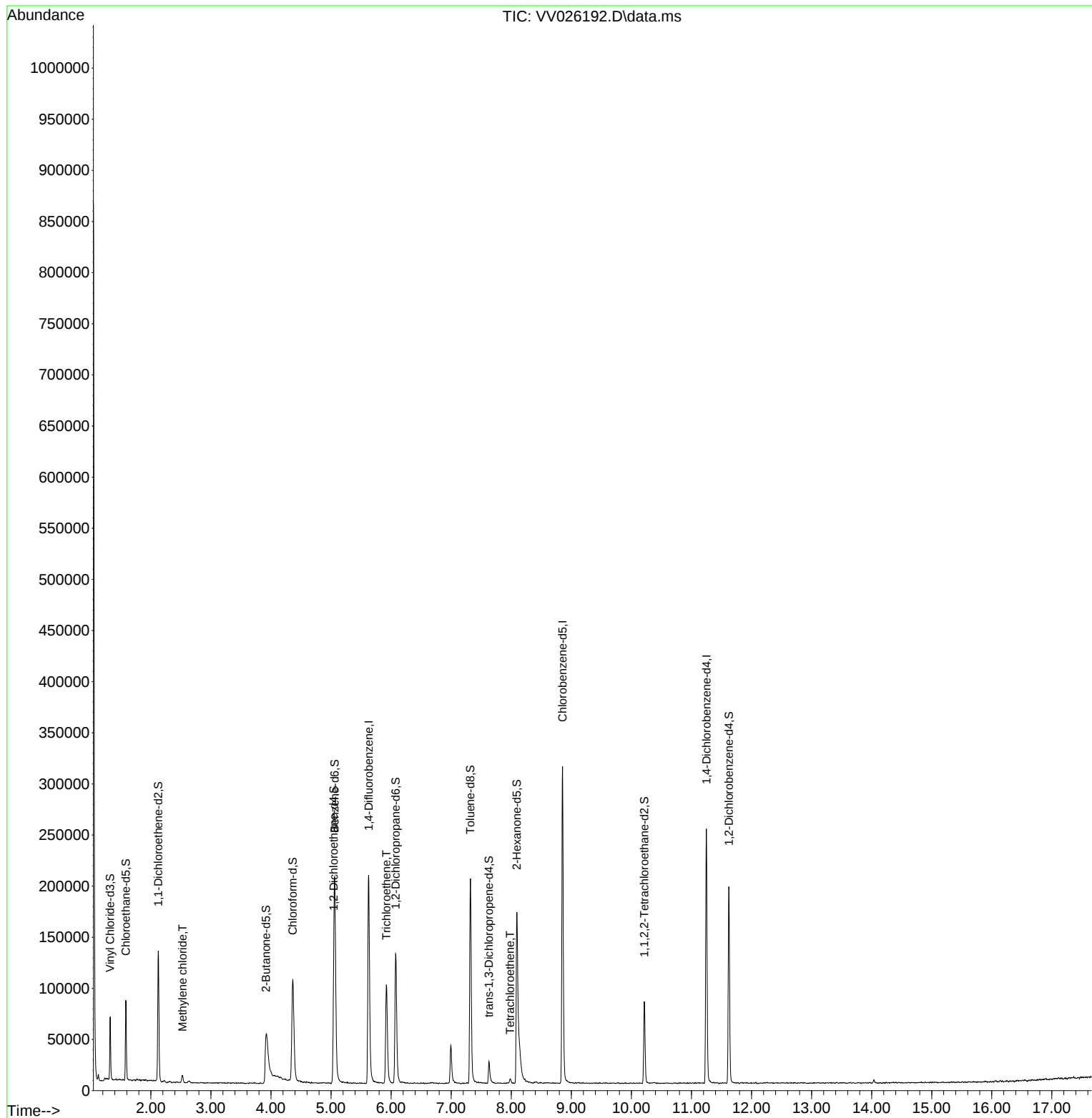
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.625  | 114            | 180998   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117            | 176364   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152            | 66890    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.323  | 65             | 39623    | 1.674  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 33.400%# |          |
| 7) Chloroethane-d5            | 1.584  | 69             | 50214    | 2.693  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 53.800%# |          |
| 11) 1,1-Dichloroethene-d2     | 2.124  | 63             | 65572    | 1.723  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 34.400%# |          |
| 20) 2-Butanone-d5             | 3.915  | 46             | 61244    | 34.682 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 69.360%  |          |
| 24) Chloroform-d              | 4.362  | 84             | 107125   | 3.191  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 63.800%# |          |
| 26) 1,2-Dichloroethane-d4     | 5.043  | 65             | 45424    | 3.356  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 67.200%# |          |
| 32) Benzene-d6                | 5.060  | 84             | 189995   | 2.763  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 55.200%# |          |
| 36) 1,2-Dichloropropane-d6    | 6.076  | 67             | 66126    | 3.335  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 66.800%  |          |
| 41) Toluene-d8                | 7.320  | 98             | 142388   | 2.326  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 46.600%# |          |
| 43) trans-1,3-Dichloroprop... | 7.629  | 79             | 13690    | 2.288  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 45.800%# |          |
| 46) 2-Hexanone-d5             | 8.092  | 63             | 67635    | 36.298 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 72.600%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84             | 40659    | 3.442  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 68.800%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152            | 50976    | 3.400  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 68.000%# |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 16) Methylene chloride        | 2.529  | 84             | 3151     | 0.221  | ug/L     | 96       |
| 34) Trichloroethene           | 5.921  | 95             | 34588    | 2.401  | ug/L     | 97       |
| 47) Tetrachloroethene         | 7.982  | 164            | 954      | 0.092  | ug/L     | 88       |
| -----                         |        |                |          |        |          |          |

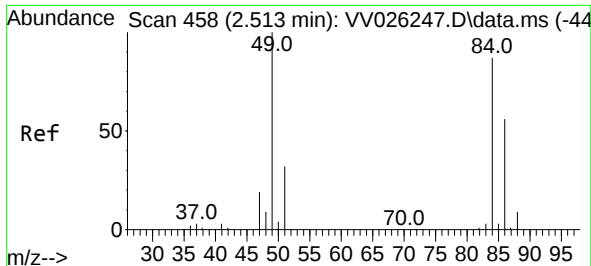
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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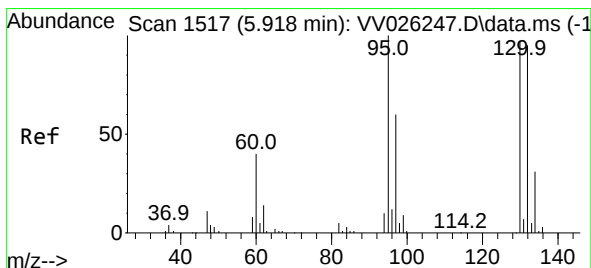
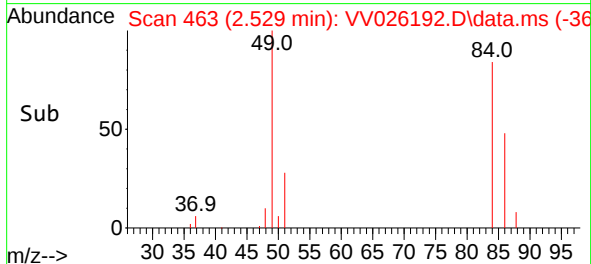
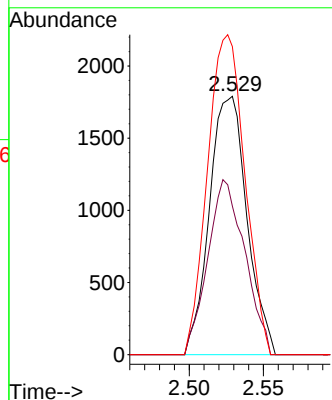
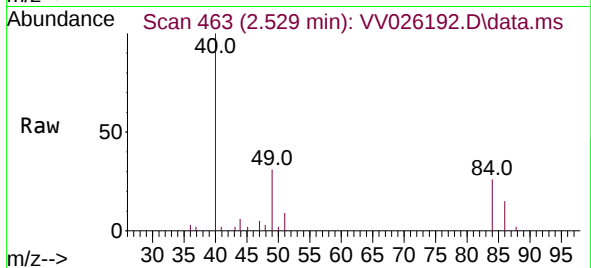




#16  
Methylene chloride  
Concen: 0.221 ug/L  
RT: 2.529 min Scan# 41  
Delta R.T. 0.007 min  
Lab File: VV026192.D  
Acq: 13 Jun 2022 03:52

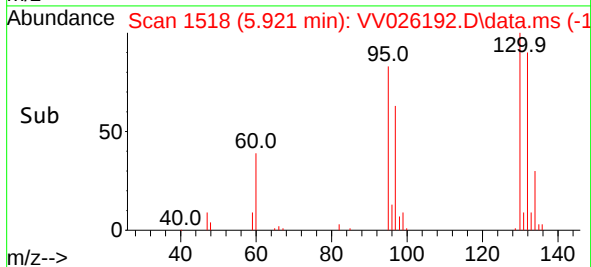
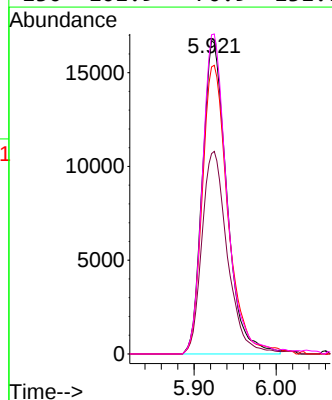
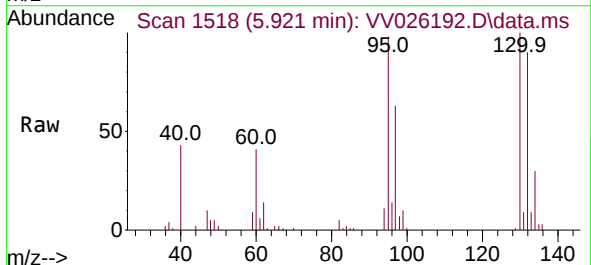
Instrument :  
MSVOA\_V  
ClientSampleId :  
C0BF7

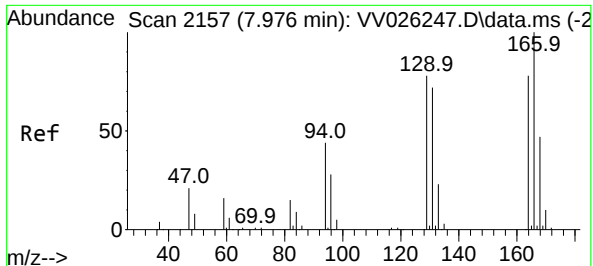
Tgt Ion: 84 Resp: 3151  
Ion Ratio Lower Upper  
84 100  
86 57.5 45.1 83.7  
49 119.3 82.3 152.9



#34  
Trichloroethene  
Concen: 2.401 ug/L  
RT: 5.921 min Scan# 1518  
Delta R.T. 0.000 min  
Lab File: VV026192.D  
Acq: 13 Jun 2022 03:52

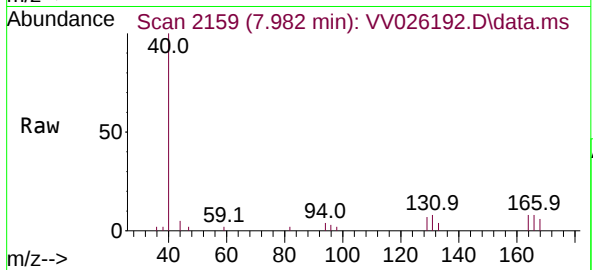
Tgt Ion: 95 Resp: 34588  
Ion Ratio Lower Upper  
95 100  
97 63.9 43.3 80.3  
132 91.6 67.5 125.4  
130 101.9 70.9 131.7





#47  
 Tetrachloroethene  
 Concen: 0.092 ug/L  
 RT: 7.982 min Scan# 2159  
 Delta R.T. 0.003 min  
 Lab File: VV026192.D  
 Acq: 13 Jun 2022 03:52

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0BF7



Tgt Ion:164 Resp: 954

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 91.4  | 66.1  | 122.7 |
| 131 | 99.5  | 65.0  | 120.6 |
| 166 | 100.7 | 88.1  | 163.7 |

