

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW080322\  
 Data File : VW027192.D  
 Acq On : 03 Aug 2022 15:23  
 Operator : SY/MD  
 Sample : N4005-01DL 5X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EY143DL

Quant Time: Aug 04 03:04:05 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM080122WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Aug 04 02:57:16 2022  
 Response via : Initial Calibration

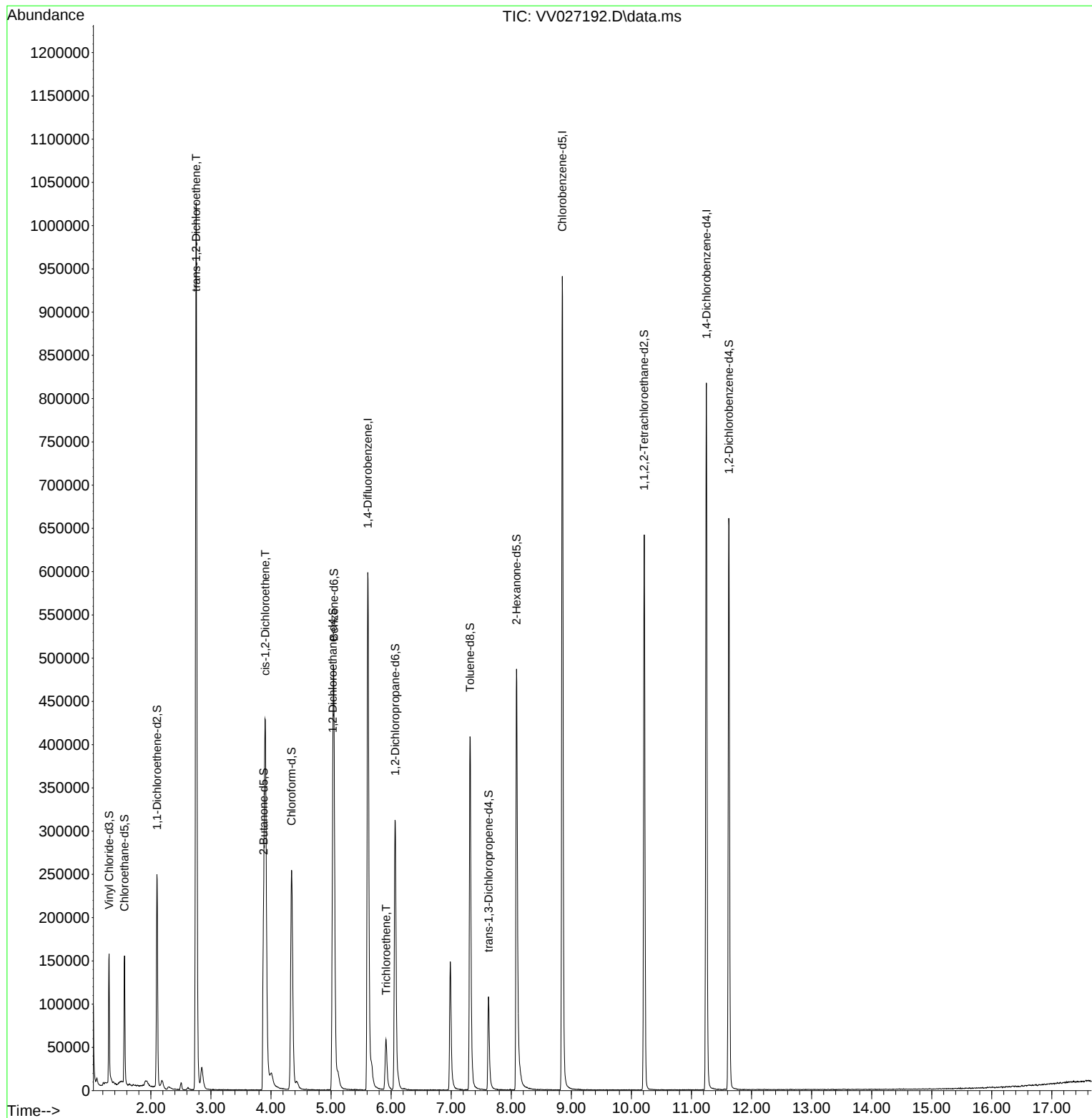
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.613   | 114   | 564506   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850   | 117   | 552178   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249  | 152   | 223145   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304   | 65    | 103184   | 28.204   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 56.400%# |
| 7) Chloroethane-d5            | 1.561   | 69    | 98217    | 35.876   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 71.760%  |
| 11) 1,1-Dichloroethene-d2     | 2.101   | 63    | 124971   | 17.939   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 35.880%# |
| 21) 2-Butanone-d5             | 3.876   | 46    | 253436   | 105.218  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 105.220% |
| 24) Chloroform-d              | 4.342   | 84    | 275279   | 37.225   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 74.440%  |
| 26) 1,2-Dichloroethane-d4     | 5.027   | 65    | 165909   | 39.542   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 79.080%  |
| 32) Benzene-d6                | 5.047   | 84    | 426911   | 29.218   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 58.440%# |
| 36) 1,2-Dichloropropane-d6    | 6.066   | 67    | 171327   | 37.905   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 75.800%  |
| 41) Toluene-d8                | 7.313   | 98    | 299684   | 22.751   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 45.500%# |
| 43) trans-1,3-Dichloroprop... | 7.622   | 79    | 68995    | 34.780   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 69.560%  |
| 47) 2-Hexanone-d5             | 8.088   | 63    | 177359   | 101.638  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 101.640% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214  | 84    | 318494   | 47.139   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 94.280%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622  | 152   | 178272   | 45.458   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 90.920%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 17) trans-1,2-Dichloroethene  | 2.754   | 96    | 404076   | 96.980   | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 3.905   | 96    | 205814   | 46.534   | ug/L   | 99       |
| 34) Trichloroethene           | 5.915   | 95    | 20307    | 4.663    | ug/L   | 96       |
| -----                         |         |       |          |          |        |          |

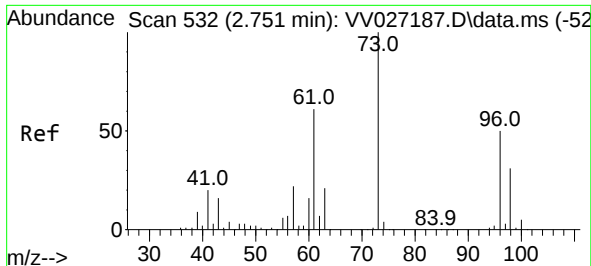
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV080322\  
Data File : VV027192.D  
Acq On : 03 Aug 2022 15:23  
Operator : SY/MD  
Sample : N4005-01DL 5X  
Misc : 5.0mL/MSVOA\_V/WATER  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
EY143DL

Quant Time: Aug 04 03:04:05 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM080122WMA.M  
Quant Title : VOC Analysis  
QLast Update : Thu Aug 04 02:57:16 2022  
Response via : Initial Calibration

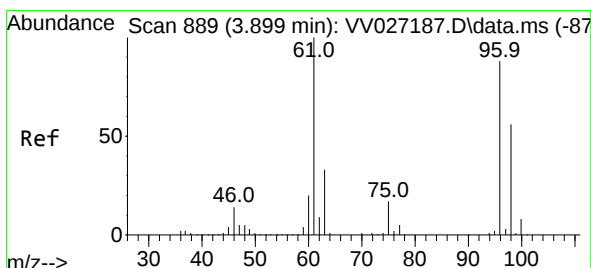
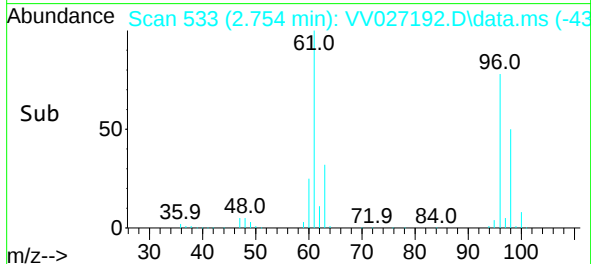
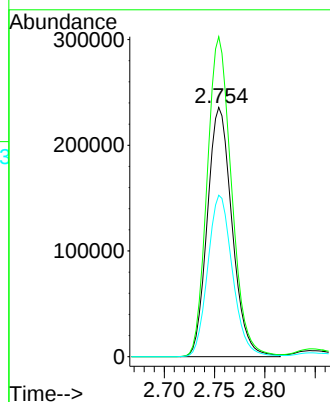
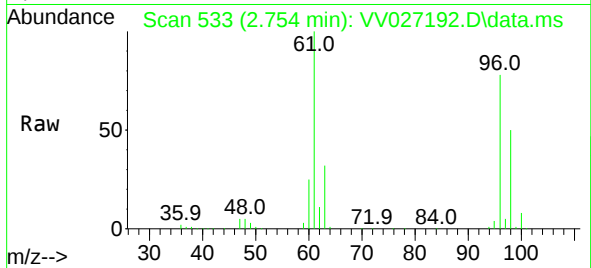




#17  
trans-1,2-Dichloroethene  
Concen: 96.980 ug/L  
RT: 2.754 min Scan# 51  
Delta R.T. 0.003 min  
Lab File: VV027192.D  
Acq: 03 Aug 2022 15:23

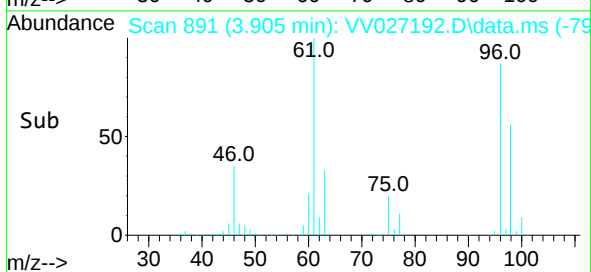
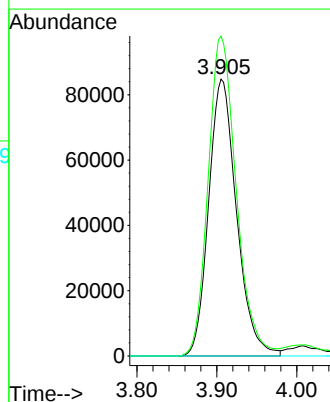
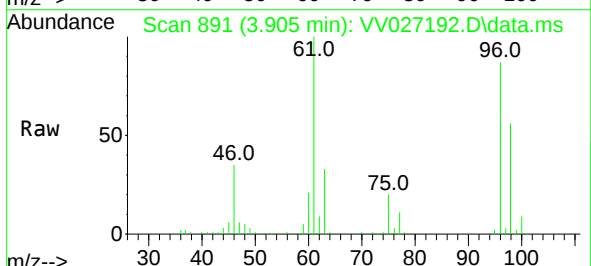
Instrument :  
MSVOA\_V  
ClientSampleId :  
EY143DL

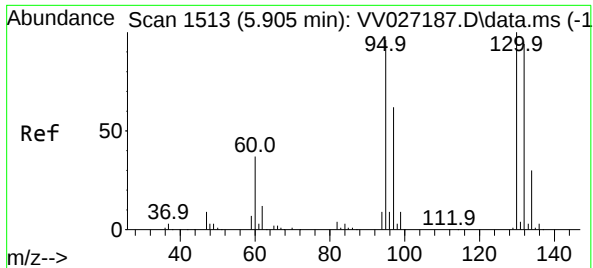
Tgt Ion: 96 Resp: 404076  
Ion Ratio Lower Upper  
96 100  
61 128.4 89.2 165.6  
98 64.8 43.3 80.3



#20  
cis-1,2-Dichloroethene  
Concen: 46.534 ug/L  
RT: 3.905 min Scan# 891  
Delta R.T. 0.006 min  
Lab File: VV027192.D  
Acq: 03 Aug 2022 15:23

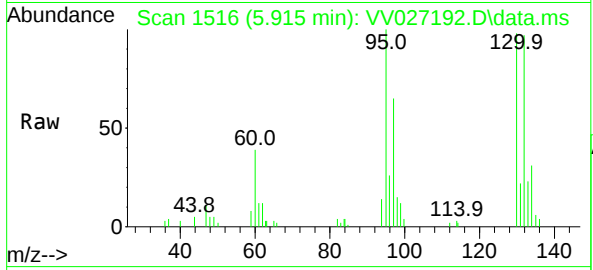
Tgt Ion: 96 Resp: 205814  
Ion Ratio Lower Upper  
96 100  
61 115.6 81.7 151.7  
68 0.0 0.0 0.0





#34  
 Trichloroethene  
 Concen: 4.663 ug/L  
 RT: 5.915 min Scan# 11  
 Delta R.T. 0.010 min  
 Lab File: VV027192.D  
 Acq: 03 Aug 2022 15:23

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EY143DL



Tgt Ion: 95 Resp: 20307

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 65.1  | 47.0  | 87.2  |
| 132 | 96.9  | 71.5  | 132.7 |
| 130 | 98.3  | 72.4  | 134.4 |

