

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW041123\  
 Data File : VW030490.D  
 Acq On : 11 Apr 2023 13:25  
 Operator : SY/MD  
 Sample : 02250-14DL 10X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 7 Sample Multiplier: 1

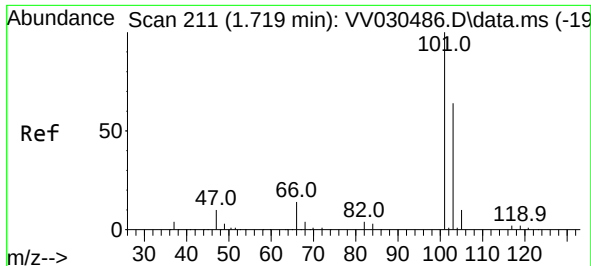
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHDY4DL

Quant Time: Apr 12 05:01:49 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR032323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Apr 12 05:00:18 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.545  | 114   | 107760   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.792  | 117   | 105692   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194 | 152   | 52271    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.281  | 65    | 24804    | 3.475    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 69.600%  |
| 7) Chloroethane-d5            | 1.539  | 69    | 28969    | 4.183    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 83.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.063  | 63    | 48248    | 2.849    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 57.000%# |
| 20) 2-Butanone-d5             | 3.815  | 46    | 88482    | 47.966   | ug/L   | -0.01    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 95.940%  |
| 24) Chloroform-d              | 4.262  | 84    | 78787    | 4.561    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 91.200%  |
| 26) 1,2-Dichloroethane-d4     | 4.953  | 65    | 39768    | 4.880    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 97.600%  |
| 32) Benzene-d6                | 4.969  | 84    | 132917   | 4.463    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.200%  |
| 36) 1,2-Dichloropropane-d6    | 5.998  | 67    | 44358    | 4.757    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 95.200%  |
| 41) Toluene-d8                | 7.252  | 98    | 112334   | 4.107    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 82.200%  |
| 43) trans-1,3-Dichloroprop... | 7.564  | 79    | 14280    | 4.068    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 81.400%  |
| 46) 2-Hexanone-d5             | 8.034  | 63    | 64129    | 45.459   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 90.920%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.162 | 84    | 33267    | 4.527    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 90.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.570 | 152   | 45415    | 4.861    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 97.200%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 9) Trichlorofluoromethane     | 1.719  | 101   | 2379     | 0.129    | ug/L   | 94       |
| 12) 1,1-Dichloroethene        | 2.076  | 96    | 2157     | 0.240    | ug/L # | 1        |
| 16) Methylene chloride        | 2.455  | 84    | 11691    | 1.098    | ug/L   | 95       |
| 19) 1,1-Dichloroethane        | 3.117  | 63    | 2904     | 0.158    | ug/L # | 87       |
| 22) cis-1,2-Dichloroethene    | 3.825  | 96    | 21551    | 2.264    | ug/L   | 91       |
| 33) Benzene                   | 5.027  | 78    | 11786    | 0.314    | ug/L   | 100      |
| 34) Trichloroethene           | 5.844  | 95    | 43829    | 4.329    | ug/L   | 97       |
| 47) Tetrachloroethene         | 7.915  | 164   | 73183    | 8.190    | ug/L   | 97       |
| -----                         |        |       |          |          |        |          |

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

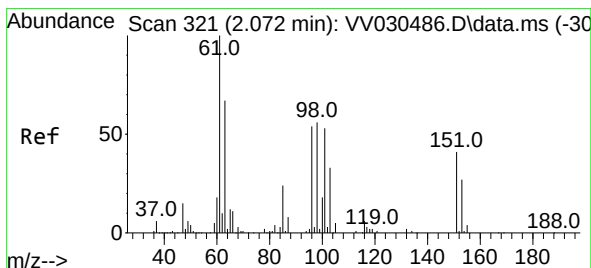
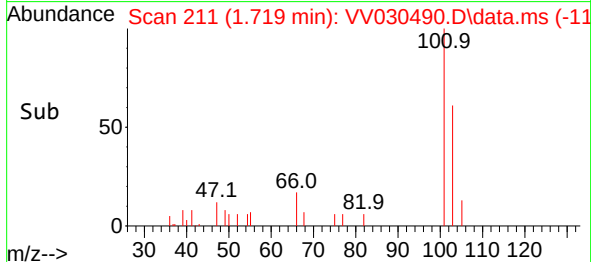
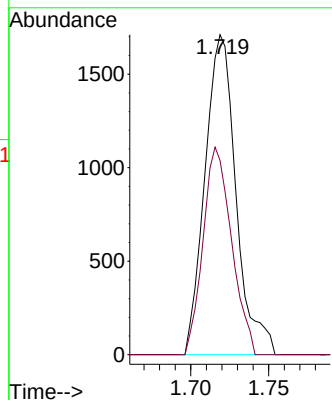
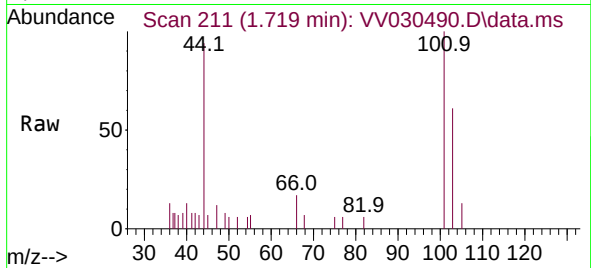




#9  
 Trichlorofluoromethane  
 Concen: 0.129 ug/L  
 RT: 1.719 min Scan# 211  
 Delta R.T. -0.000 min  
 Lab File: VV030490.D  
 Acq: 11 Apr 2023 13:25

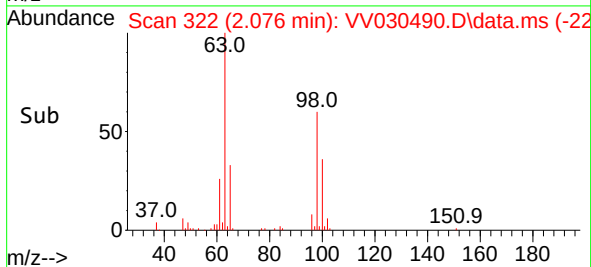
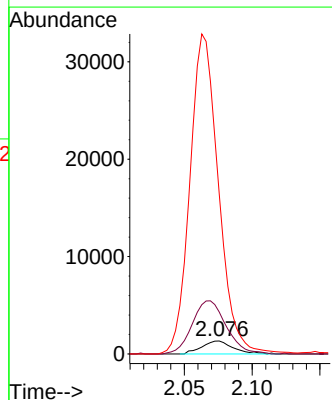
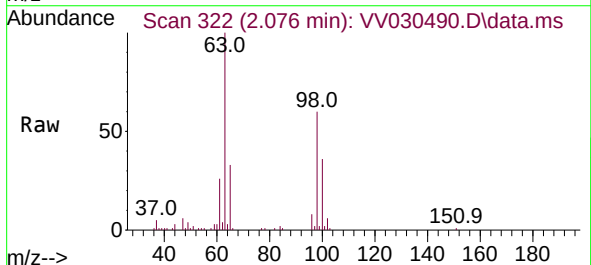
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHDY4DL

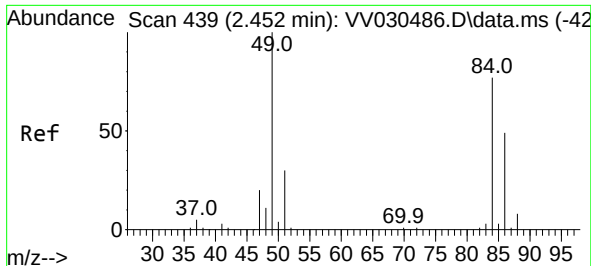
Tgt Ion:101 Resp: 2379  
 Ion Ratio Lower Upper  
 101 100  
 103 59.4 51.0 76.6



#12  
 1,1-Dichloroethene  
 Concen: 0.240 ug/L  
 RT: 2.076 min Scan# 322  
 Delta R.T. 0.003 min  
 Lab File: VV030490.D  
 Acq: 11 Apr 2023 13:25

Tgt Ion: 96 Resp: 2157  
 Ion Ratio Lower Upper  
 96 100  
 61 323.6 136.3 253.1#  
 63 1238.0 92.1 171.1#

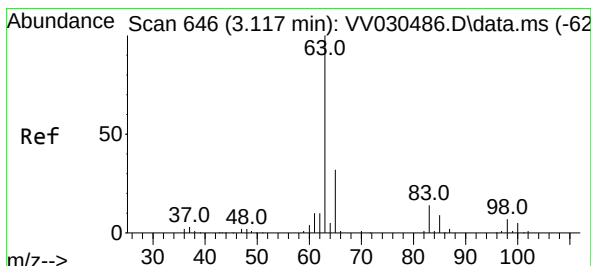
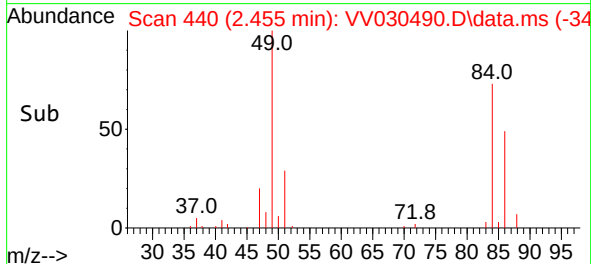
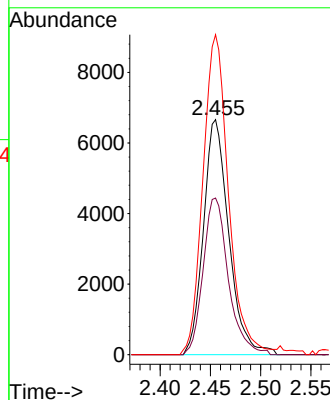
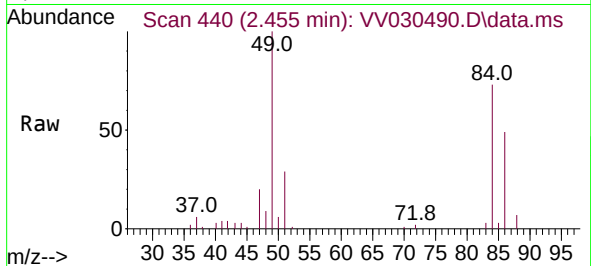




#16  
Methylene chloride  
Concen: 1.098 ug/L  
RT: 2.455 min Scan# 440  
Delta R.T. 0.003 min  
Lab File: VV030490.D  
Acq: 11 Apr 2023 13:25

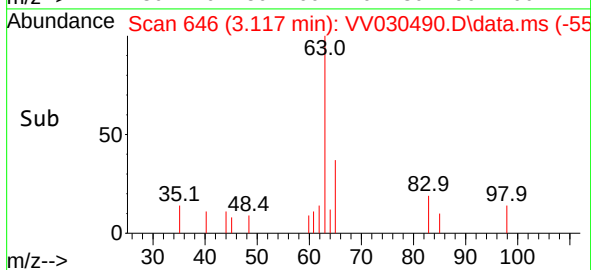
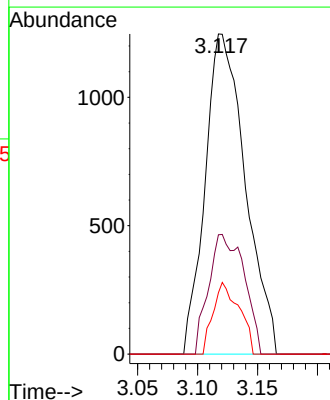
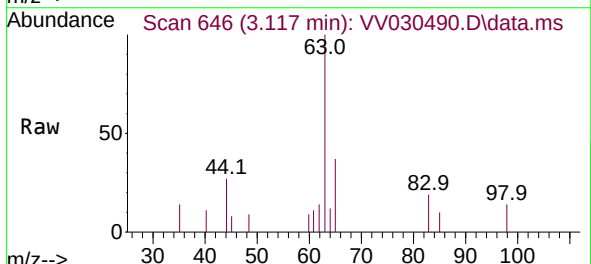
Instrument :  
MSVOA\_V  
ClientSampleId :  
BHDY4DL

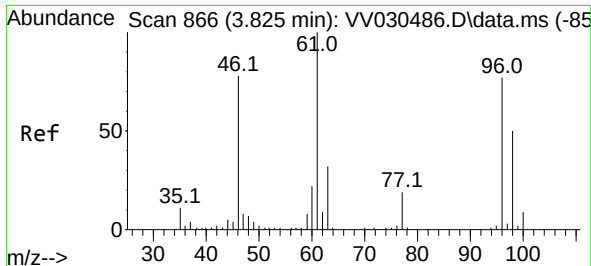
Tgt Ion: 84 Resp: 11691  
Ion Ratio Lower Upper  
84 100  
86 66.6 44.0 81.6  
49 136.1 90.6 168.3



#19  
1,1-Dichloroethane  
Concen: 0.158 ug/L  
RT: 3.117 min Scan# 646  
Delta R.T. -0.000 min  
Lab File: VV030490.D  
Acq: 11 Apr 2023 13:25

Tgt Ion: 63 Resp: 2904  
Ion Ratio Lower Upper  
63 100  
65 37.3 21.7 40.3  
83 19.2 9.1 16.9#

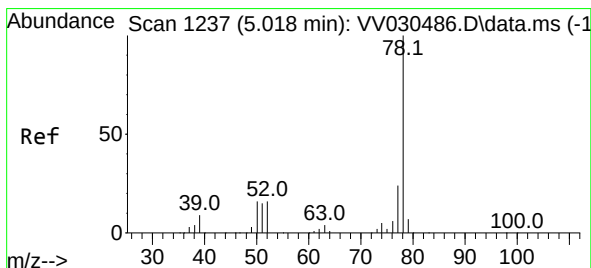
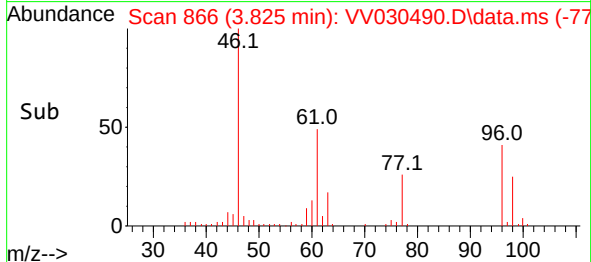
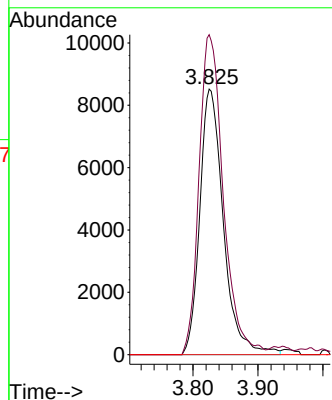
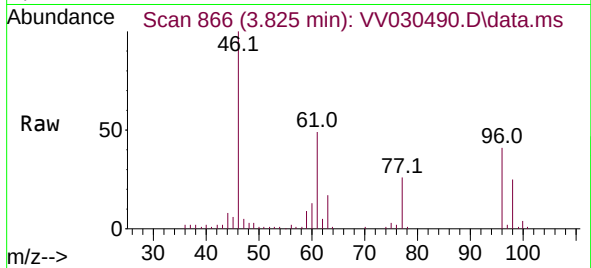




#22  
 cis-1,2-Dichloroethene  
 Concen: 2.264 ug/L  
 RT: 3.825 min Scan# 80  
 Delta R.T. -0.000 min  
 Lab File: VV030490.D  
 Acq: 11 Apr 2023 13:25

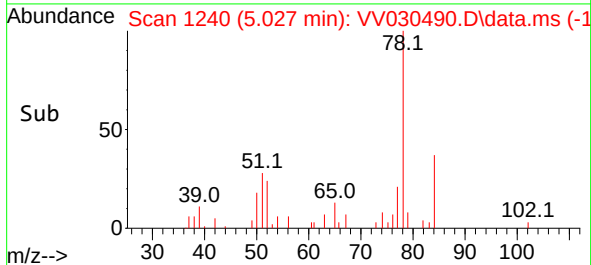
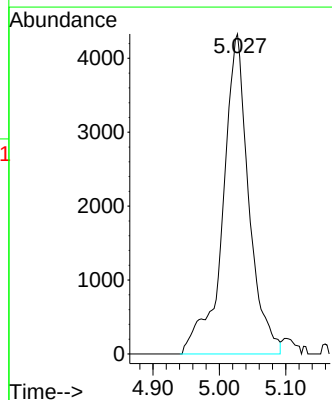
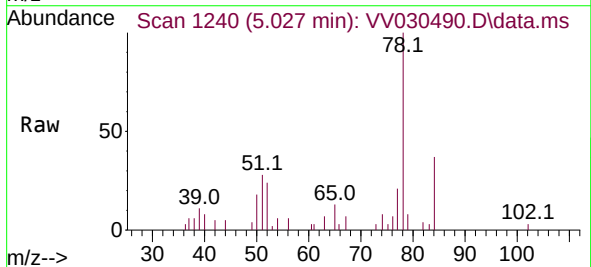
Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHDY4DL

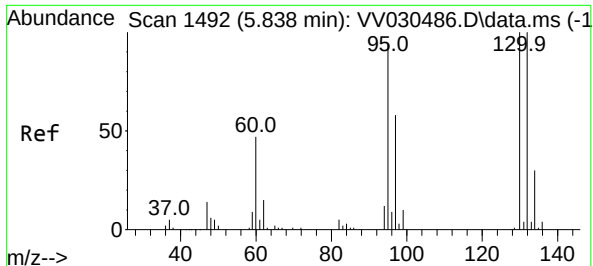
Tgt Ion: 96 Resp: 21551  
 Ion Ratio Lower Upper  
 96 100  
 61 120.5 92.0 170.8  
 68 0.0 0.0 0.0



#33  
 Benzene  
 Concen: 0.314 ug/L  
 RT: 5.027 min Scan# 1240  
 Delta R.T. 0.010 min  
 Lab File: VV030490.D  
 Acq: 11 Apr 2023 13:25

Tgt Ion: 78 Resp: 11786



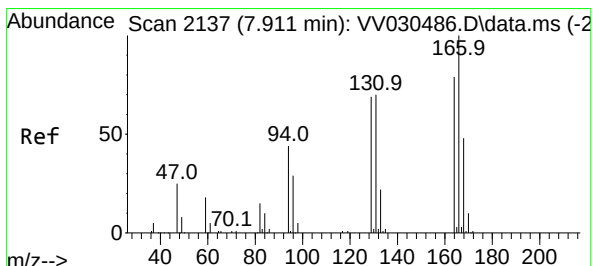
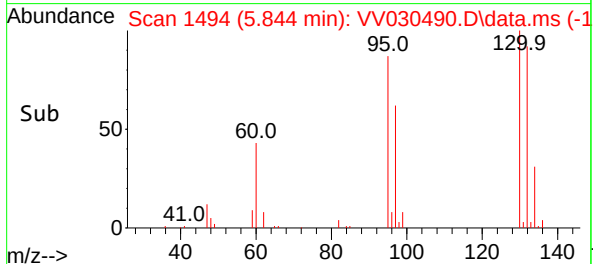
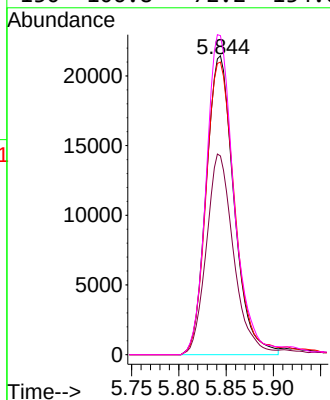
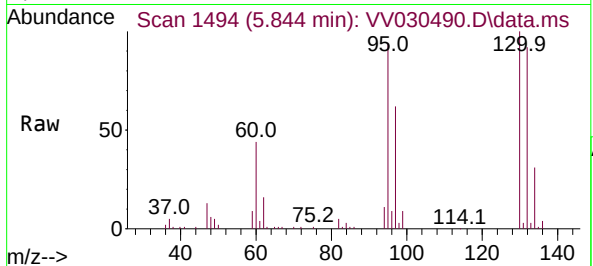


#34  
Trichloroethene  
Concen: 4.329 ug/L  
RT: 5.844 min Scan# 1492  
Delta R.T. 0.006 min  
Lab File: VV030490.D  
Acq: 11 Apr 2023 13:25

Instrument :  
MSVOA\_V  
ClientSampleId :  
BHDY4DL

Tgt Ion: 95 Resp: 43829

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 66.5  | 44.2  | 82.2  |
| 132 | 97.9  | 69.5  | 129.1 |
| 130 | 106.8 | 72.2  | 134.0 |



#47  
Tetrachloroethene  
Concen: 8.190 ug/L  
RT: 7.915 min Scan# 2138  
Delta R.T. 0.003 min  
Lab File: VV030490.D  
Acq: 11 Apr 2023 13:25

Tgt Ion: 164 Resp: 73183

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 90.9  | 60.8  | 112.8 |
| 131 | 88.3  | 61.7  | 114.7 |
| 166 | 128.1 | 85.6  | 159.0 |

