

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV051622\  
 Data File : VV025912.D  
 Acq On : 16 May 2022 15:08  
 Operator : SY/MD  
 Sample : N2831-06  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 YB2K3

Quant Time: May 17 08:02:16 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR051322WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue May 17 07:58:29 2022  
 Response via : Initial Calibration

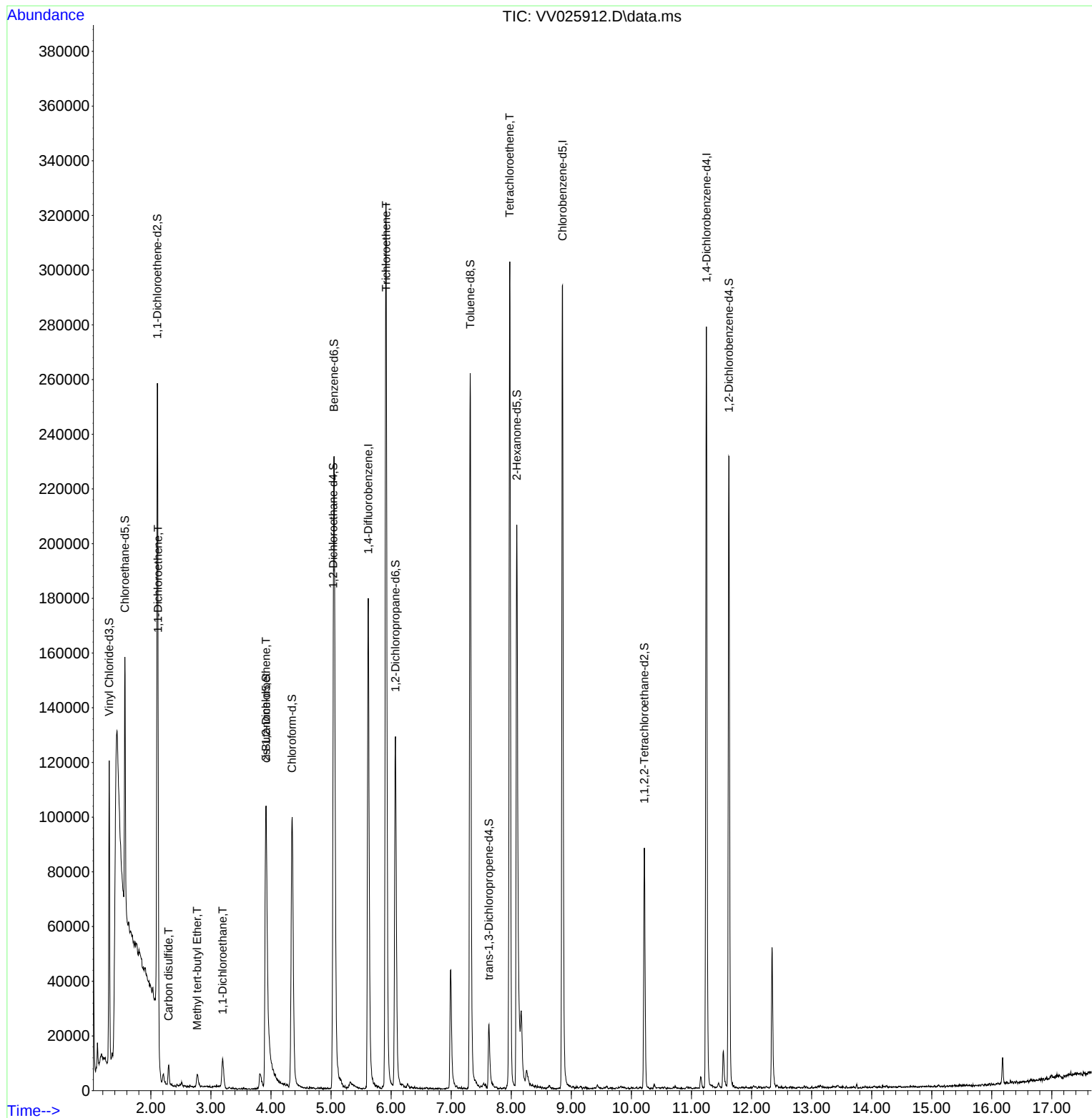
| Compound                      | R.T. QIon |                | Response | Conc       | Units  | Dev(Min) |
|-------------------------------|-----------|----------------|----------|------------|--------|----------|
| -----                         |           |                |          |            |        |          |
| Internal Standards            |           |                |          |            |        |          |
| 1) 1,4-Difluorobenzene        | 5.619     | 114            | 155877   | 5.000      | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854     | 117            | 162068   | 5.000      | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249    | 152            | 70854    | 5.000      | ug/L   | 0.00     |
| System Monitoring Compounds   |           |                |          |            |        |          |
| 4) Vinyl Chloride-d3          | 1.307     | 65             | 67449    | 5.239      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 40 - 130 | Recovery | = 104.800% |        |          |
| 7) Chloroethane-d5            | 1.568     | 69             | 59052    | 5.357      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 130 | Recovery | = 107.200% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.108     | 63             | 115900   | 4.067      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 125 | Recovery | = 81.400%  |        |          |
| 20) 2-Butanone-d5             | 3.918     | 46             | 80906    | 54.266     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 40 - 130 | Recovery | = 108.540% |        |          |
| 24) Chloroform-d              | 4.352     | 84             | 106246   | 5.052      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 101.000% |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.037     | 65             | 49941    | 5.600      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 112.000% |        |          |
| 32) Benzene-d6                | 5.050     | 84             | 210693   | 5.006      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 125 | Recovery | = 100.200% |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.072     | 67             | 64533    | 5.274      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 60 - 140 | Recovery | = 105.400% |        |          |
| 41) Toluene-d8                | 7.317     | 98             | 176303   | 4.506      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 70 - 130 | Recovery | = 90.200%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.629     | 79             | 14287    | 3.571      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 55 - 130 | Recovery | = 71.400%  |        |          |
| 46) 2-Hexanone-d5             | 8.092     | 63             | 76520    | 51.505     | ug/L   | 0.00     |
| Spiked Amount                 | 50.000    | Range 45 - 130 | Recovery | = 103.000% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217    | 84             | 42494    | 5.392      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 65 - 120 | Recovery | = 107.800% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625    | 152            | 58217    | 5.771      | ug/L   | 0.00     |
| Spiked Amount                 | 5.000     | Range 80 - 120 | Recovery | = 115.400% |        |          |
| Target Compounds              |           |                |          |            |        |          |
|                               |           |                |          |            | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.121     | 96             | 19521    | 1.303      | ug/L # | 33       |
| 14) Carbon disulfide          | 2.294     | 76             | 8848     | 0.229      | ug/L # | 94       |
| 17) Methyl tert-butyl Ether   | 2.770     | 73             | 3461     | 0.145      | ug/L # | 90       |
| 19) 1,1-Dichloroethane        | 3.195     | 63             | 10485    | 0.424      | ug/L   | 95       |
| 22) cis-1,2-Dichloroethene    | 3.915     | 96             | 42157    | 3.159      | ug/L   | 95       |
| 34) Trichloroethene           | 5.915     | 95             | 116094   | 8.282      | ug/L   | 98       |
| 47) Tetrachloroethene         | 7.976     | 164            | 65449    | 6.026      | ug/L   | 98       |
| -----                         |           |                |          |            |        |          |

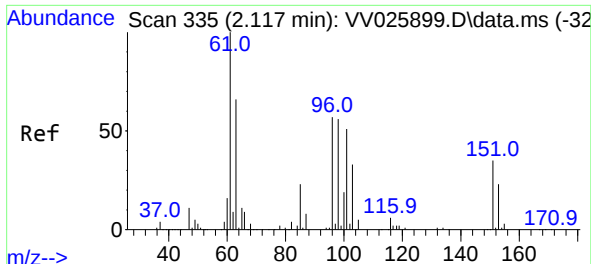
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV051622\  
Data File : VV025912.D  
Acq On : 16 May 2022 15:08  
Operator : SY/MD  
Sample : N2831-06  
Misc : 25mL/MSVOA\_V/WATER  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
YB2K3

Quant Time: May 17 08:02:16 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR051322WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Tue May 17 07:58:29 2022  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.303 ug/L

RT: 2.121 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV025912.D

Acq: 16 May 2022 15:08

Instrument :

MSVOA\_V

ClientSampleId :

YB2K3

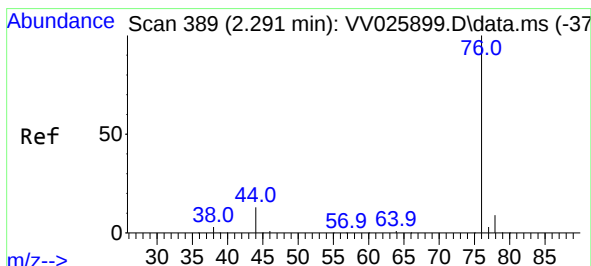
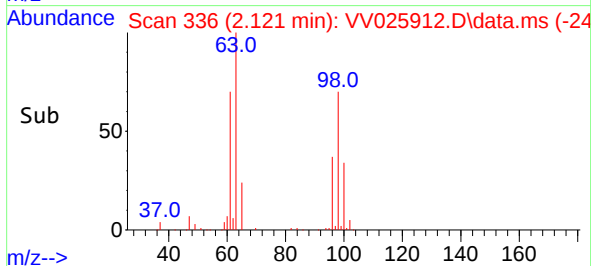
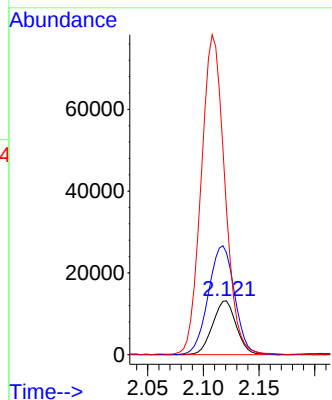
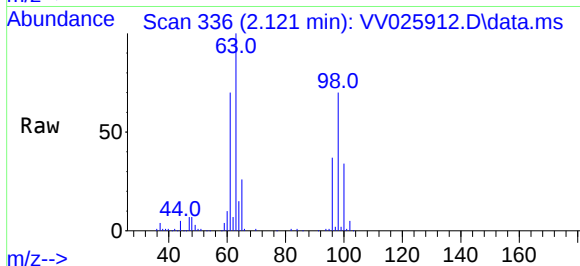
Tgt Ion: 96 Resp: 19521

Ion Ratio Lower Upper

96 100

61 189.8 119.8 222.6

63 271.5 78.3 145.3#



#14

Carbon disulfide

Concen: 0.229 ug/L

RT: 2.294 min Scan# 390

Delta R.T. 0.003 min

Lab File: VV025912.D

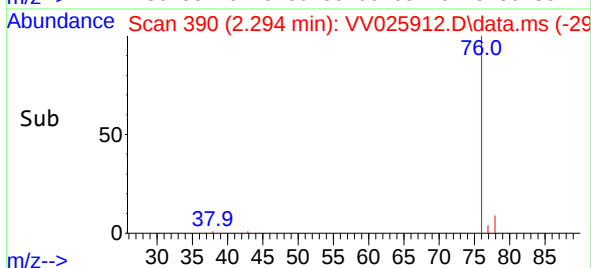
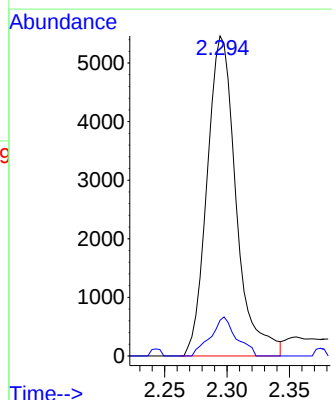
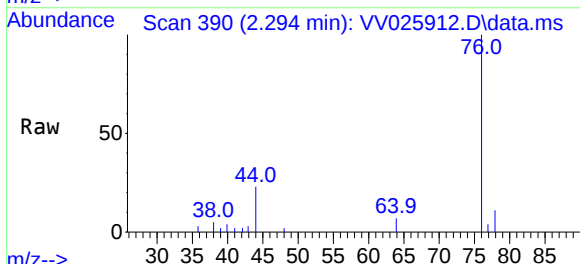
Acq: 16 May 2022 15:08

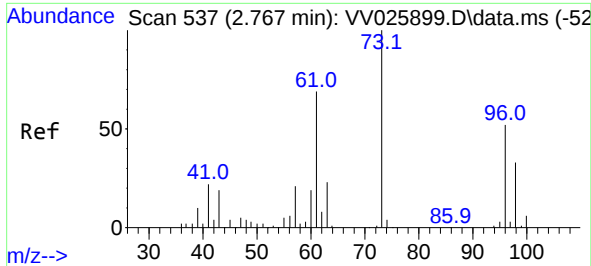
Tgt Ion: 76 Resp: 8848

Ion Ratio Lower Upper

76 100

78 11.1 7.0 10.6#





#17

Methyl tert-butyl Ether

Concen: 0.145 ug/L

RT: 2.770 min Scan# 51

Delta R.T. 0.003 min

Lab File: VV025912.D

Acq: 16 May 2022 15:08

Instrument :

MSVOA\_V

ClientSampleId :

YB2K3

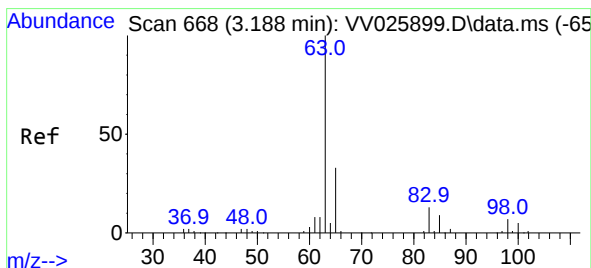
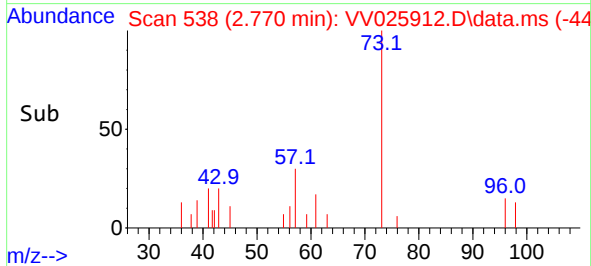
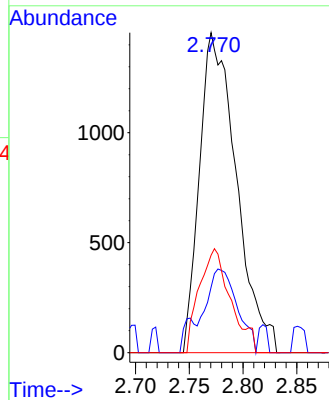
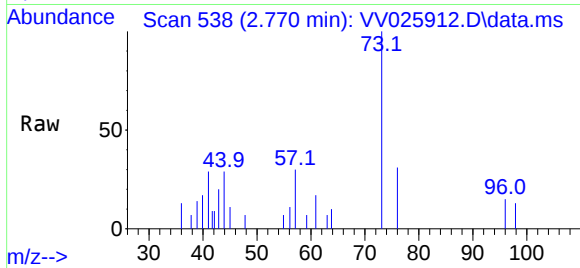
Tgt Ion: 73 Resp: 3461

Ion Ratio Lower Upper

73 100

43 21.7 14.6 22.0

57 27.7 17.9 26.9#



#19

1,1-Dichloroethane

Concen: 0.424 ug/L

RT: 3.195 min Scan# 670

Delta R.T. 0.007 min

Lab File: VV025912.D

Acq: 16 May 2022 15:08

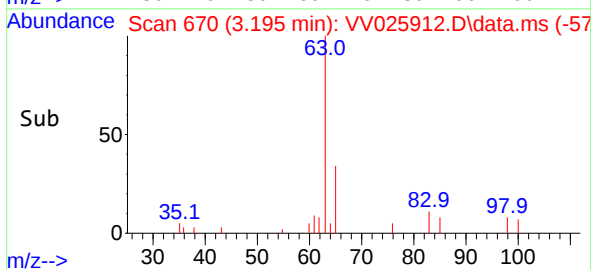
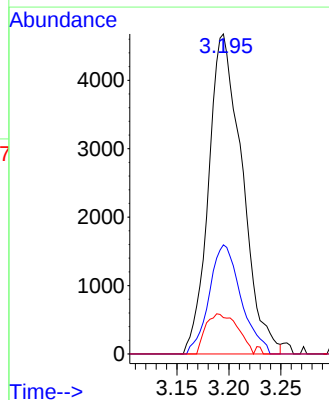
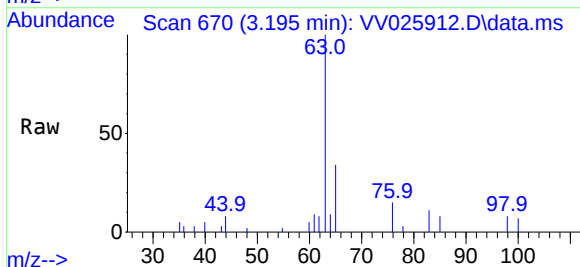
Tgt Ion: 63 Resp: 10485

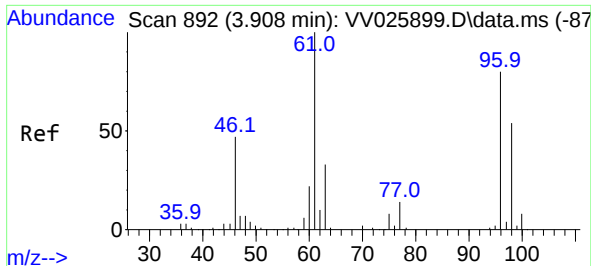
Ion Ratio Lower Upper

63 100

65 34.1 22.3 41.5

83 11.4 10.0 18.6



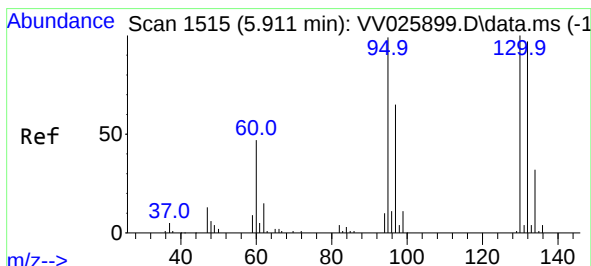
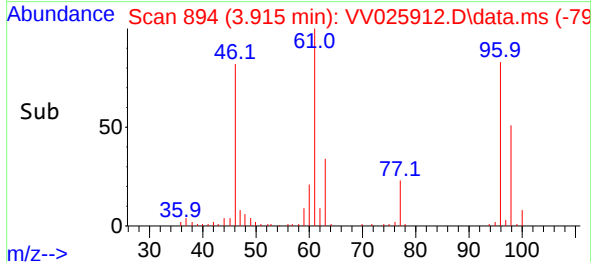
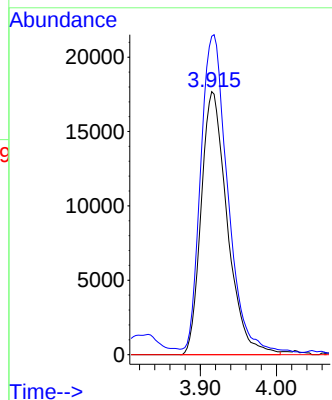
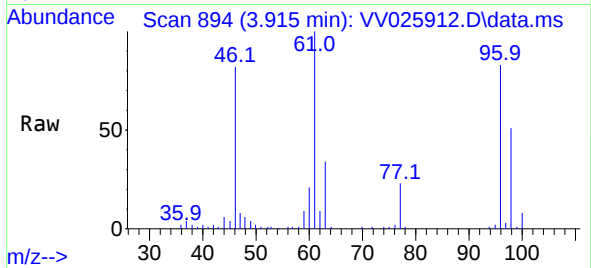


#22  
 cis-1,2-Dichloroethene  
 Concen: 3.159 ug/L  
 RT: 3.915 min Scan# 894  
 Delta R.T. 0.007 min  
 Lab File: VV025912.D  
 Acq: 16 May 2022 15:08

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 YB2K3

Tgt Ion: 96 Resp: 42157  

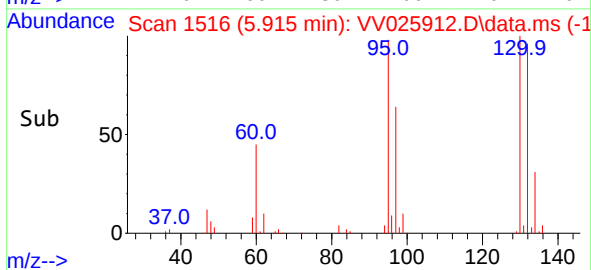
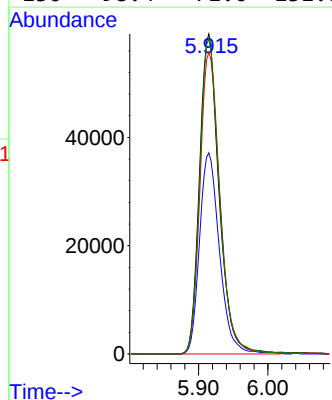
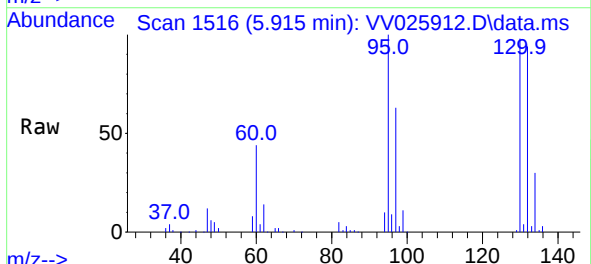
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 121.0 | 88.9  | 165.1 |
| 68  | 0.0   | 0.0   | 0.0   |

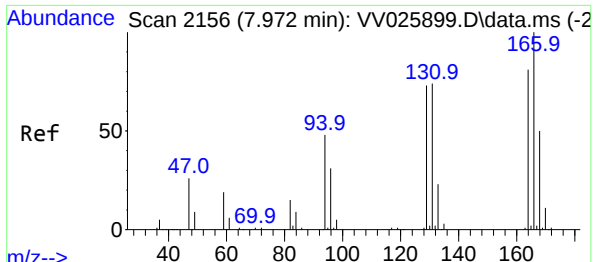


#34  
 Trichloroethene  
 Concen: 8.282 ug/L  
 RT: 5.915 min Scan# 1516  
 Delta R.T. 0.003 min  
 Lab File: VV025912.D  
 Acq: 16 May 2022 15:08

Tgt Ion: 95 Resp: 116094  

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 62.8  | 44.9  | 83.3  |
| 132 | 94.3  | 67.6  | 125.6 |
| 130 | 98.4  | 71.0  | 131.8 |





#47  
Tetrachloroethene  
Concen: 6.026 ug/L  
RT: 7.976 min Scan# 21  
Delta R.T. 0.003 min  
Lab File: VV025912.D  
Acq: 16 May 2022 15:08

Instrument :  
MSVOA\_V  
ClientSampleId :  
YB2K3

Tgt Ion:164 Resp: 65449

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 98.8  | 67.5  | 125.4 |
| 131 | 91.8  | 63.8  | 118.4 |
| 166 | 126.7 | 86.9  | 161.3 |

