

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW041023\  
 Data File : VW030482.D  
 Acq On : 10 Apr 2023 21:02  
 Operator : SY/MD  
 Sample : 02250-16  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BHDY6

Quant Time: Apr 11 06:33:32 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR032323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Apr 11 06:24:59 2023  
 Response via : Initial Calibration

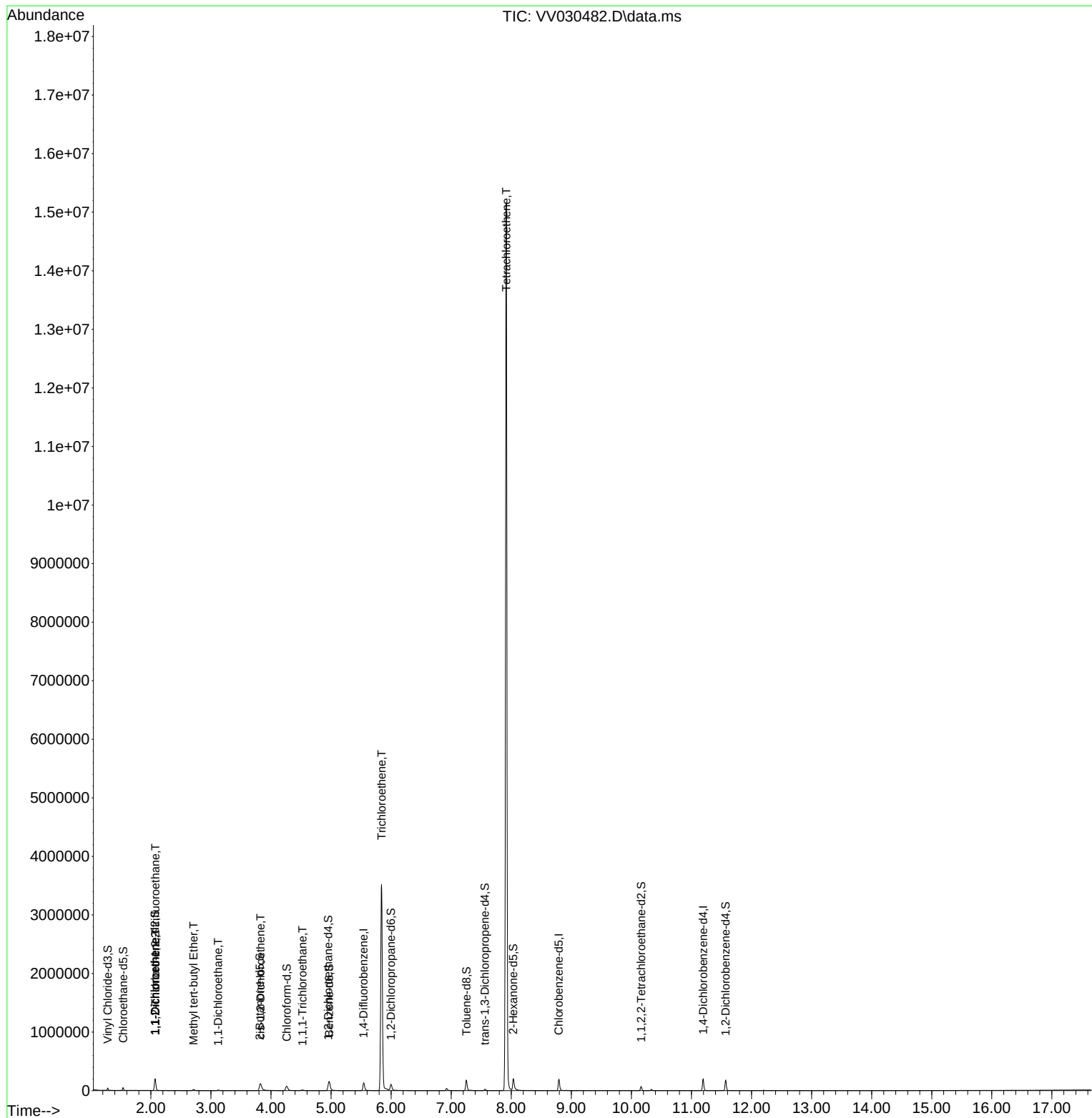
| Compound                      | R.T.   | QIon           | Response | Conc    | Units   | Dev(Min) |
|-------------------------------|--------|----------------|----------|---------|---------|----------|
| Internal Standards            |        |                |          |         |         |          |
| 1) 1,4-Difluorobenzene        | 5.542  | 114            | 114962   | 5.000   | ug/L    | 0.00     |
| 28) Chlorobenzene-d5          | 8.792  | 117            | 109139   | 5.000   | ug/L    | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194 | 152            | 52870    | 5.000   | ug/L    | 0.00     |
| System Monitoring Compounds   |        |                |          |         |         |          |
| 4) Vinyl Chloride-d3          | 1.281  | 65             | 25374    | 3.333   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =       | 66.600% |          |
| 7) Chloroethane-d5            | 1.539  | 69             | 28828    | 3.901   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =       | 78.000% |          |
| 11) 1,1-Dichloroethene-d2     | 2.066  | 63             | 59626    | 3.300   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =       | 66.000% |          |
| 20) 2-Butanone-d5             | 3.815  | 46             | 86823    | 44.118  | ug/L    | -0.01    |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =       | 88.240% |          |
| 24) Chloroform-d              | 4.262  | 84             | 81157    | 4.404   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =       | 88.000% |          |
| 26) 1,2-Dichloroethane-d4     | 4.953  | 65             | 41497    | 4.773   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =       | 95.400% |          |
| 32) Benzene-d6                | 4.969  | 84             | 138432   | 4.501   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =       | 90.000% |          |
| 36) 1,2-Dichloropropane-d6    | 5.998  | 67             | 47010    | 4.882   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =       | 97.600% |          |
| 41) Toluene-d8                | 7.252  | 98             | 118635   | 4.201   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =       | 84.000% |          |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79             | 14071    | 3.881   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =       | 77.600% |          |
| 46) 2-Hexanone-d5             | 8.034  | 63             | 68704    | 47.164  | ug/L    | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =       | 94.320% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.162 | 84             | 31703    | 4.178   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =       | 83.600% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.570 | 152            | 46674    | 4.939   | ug/L    | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =       | 98.800% |          |
| Target Compounds              |        |                |          |         |         |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.076  | 101            | 21626    | 1.999   | ug/L    | 99       |
| 12) 1,1-Dichloroethene        | 2.076  | 96             | 21144    | 2.201   | ug/L    | 85       |
| 17) Methyl tert-butyl Ether   | 2.712  | 73             | 16409    | 0.807   | ug/L #  | 94       |
| 19) 1,1-Dichloroethane        | 3.121  | 63             | 8403     | 0.428   | ug/L    | 93       |
| 22) cis-1,2-Dichloroethene    | 3.825  | 96             | 46005    | 4.530   | ug/L    | 100      |
| 29) 1,1,1-Trichloroethane     | 4.522  | 97             | 8708     | 0.496   | ug/L    | 94       |
| 34) Trichloroethene           | 5.841  | 95             | 1168365  | 111.755 | ug/L    | 98       |
| 47) Tetrachloroethene         | 7.918  | 164            | 3062921  | 331.961 | ug/L    | 94       |

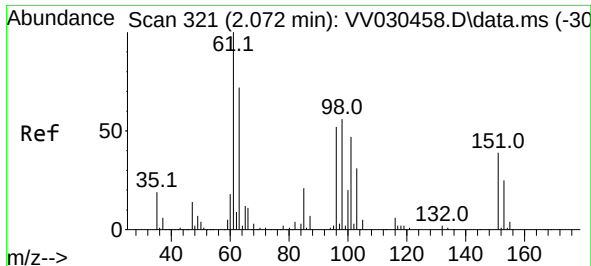
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 11 06:24:59 2023  
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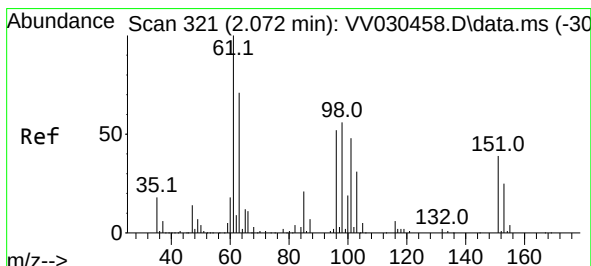
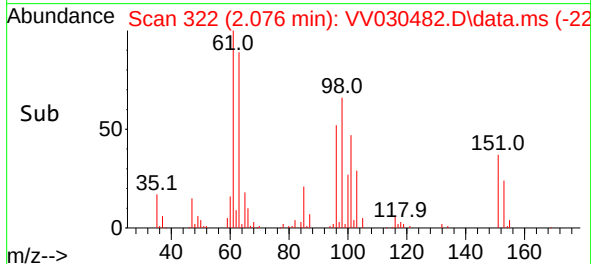
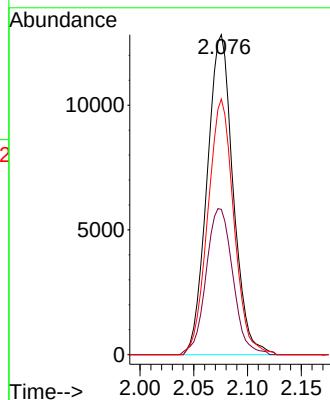
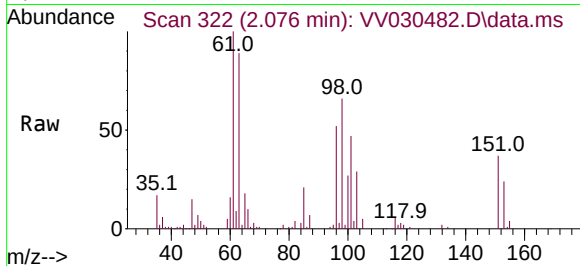




#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 1.999 ug/L  
RT: 2.076 min Scan# 311  
Delta R.T. 0.003 min  
Lab File: VV030482.D  
Acq: 10 Apr 2023 21:02

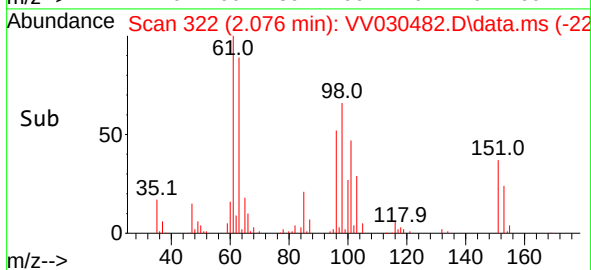
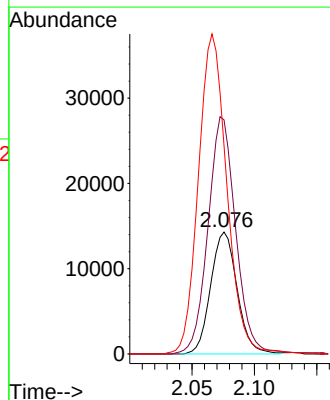
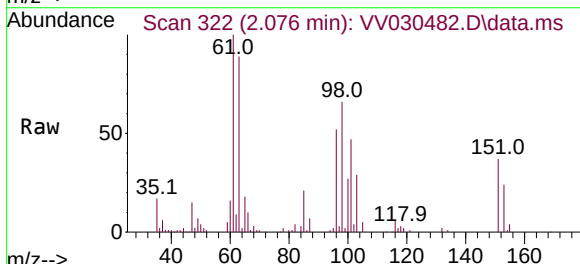
Instrument :  
MSVOA\_V  
ClientSampleId :  
BHDY6

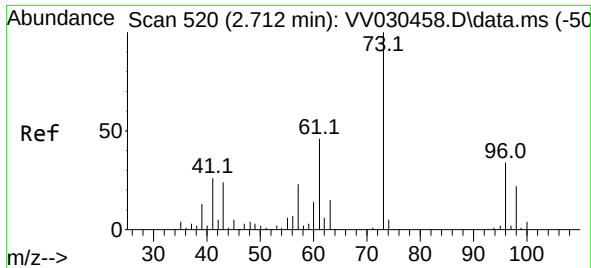
Tgt Ion:101 Resp: 21626  
Ion Ratio Lower Upper  
101 100  
85 46.9 38.1 57.1  
151 79.7 62.7 94.1



#12  
1,1-Dichloroethene  
Concen: 2.201 ug/L  
RT: 2.076 min Scan# 322  
Delta R.T. 0.003 min  
Lab File: VV030482.D  
Acq: 10 Apr 2023 21:02

Tgt Ion: 96 Resp: 21144  
Ion Ratio Lower Upper  
96 100  
61 192.0 136.3 253.1  
63 170.7 92.1 171.1

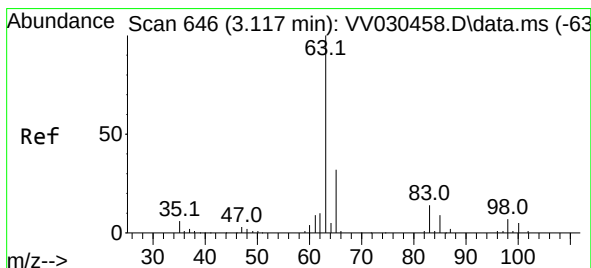
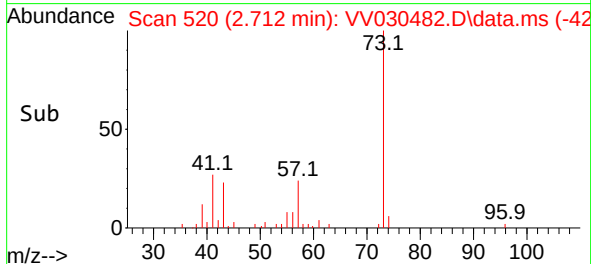
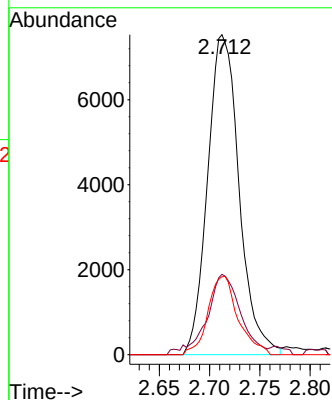
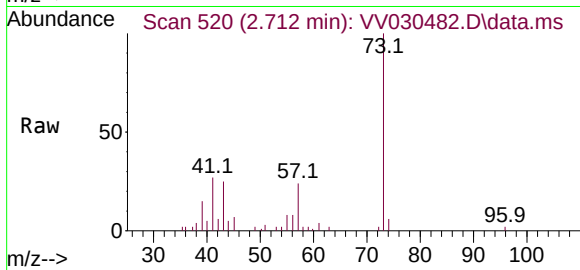




#17  
Methyl tert-butyl Ether  
Concen: 0.807 ug/L  
RT: 2.712 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VV030482.D  
Acq: 10 Apr 2023 21:02

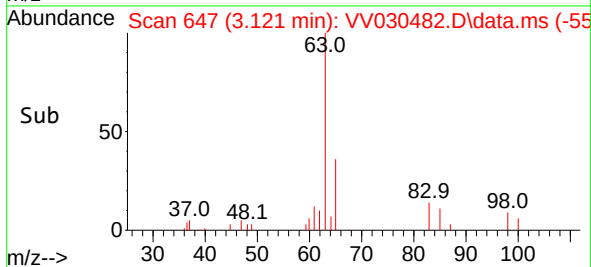
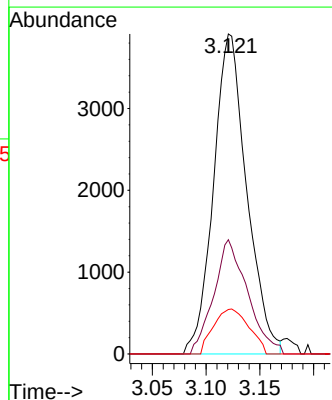
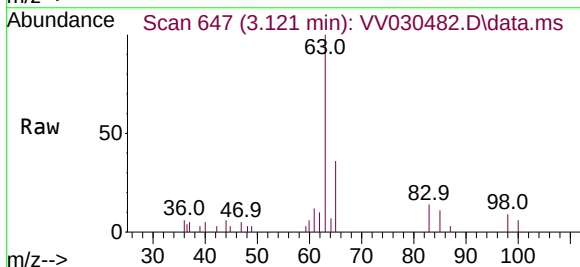
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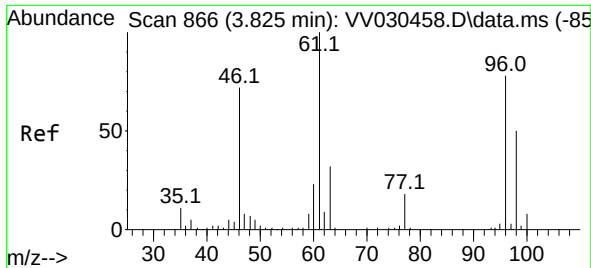
Tgt Ion: 73 Resp: 16409  
Ion Ratio Lower Upper  
73 100  
43 26.7 17.4 26.2#  
57 23.4 18.3 27.5



#19  
1,1-Dichloroethane  
Concen: 0.428 ug/L  
RT: 3.121 min Scan# 647  
Delta R.T. 0.003 min  
Lab File: VV030482.D  
Acq: 10 Apr 2023 21:02

Tgt Ion: 63 Resp: 8403  
Ion Ratio Lower Upper  
63 100  
65 35.7 21.7 40.3  
83 13.9 9.1 16.9

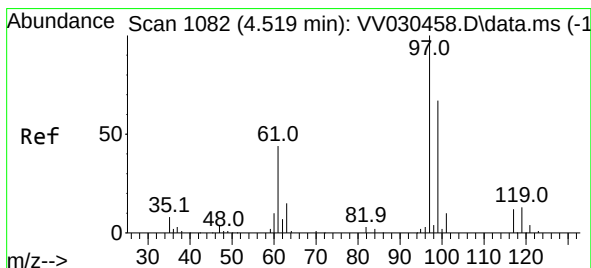
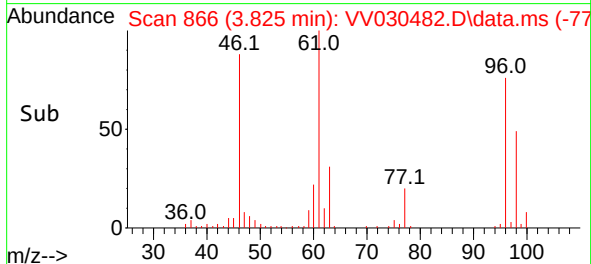
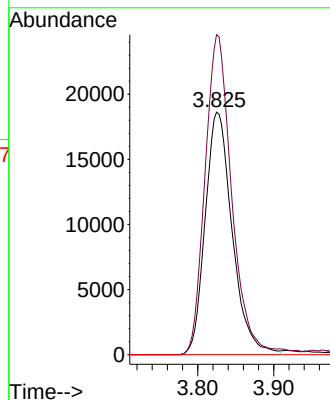
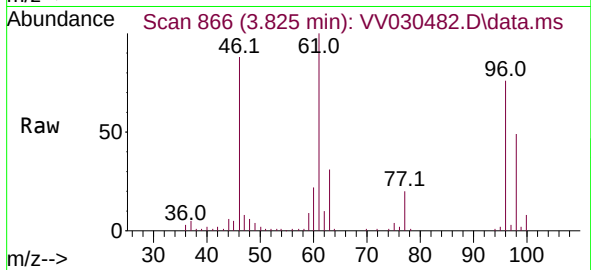




#22  
 cis-1,2-Dichloroethene  
 Concen: 4.530 ug/L  
 RT: 3.825 min Scan# 866  
 Delta R.T. -0.000 min  
 Lab File: VV030482.D  
 Acq: 10 Apr 2023 21:02

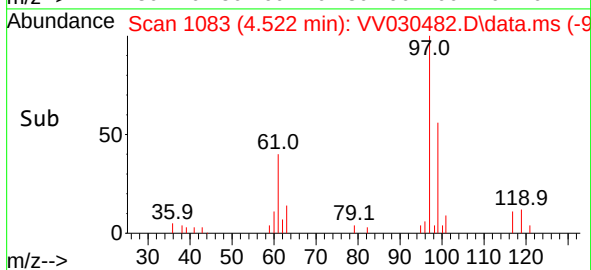
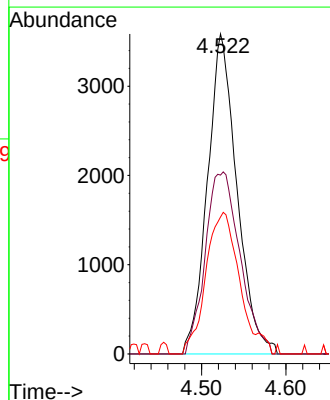
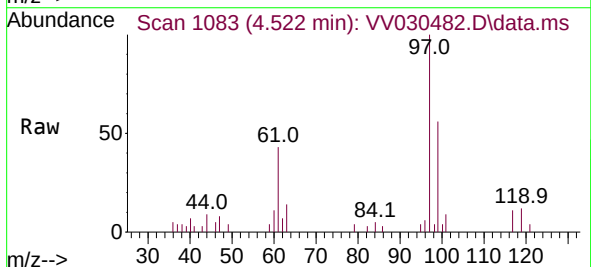
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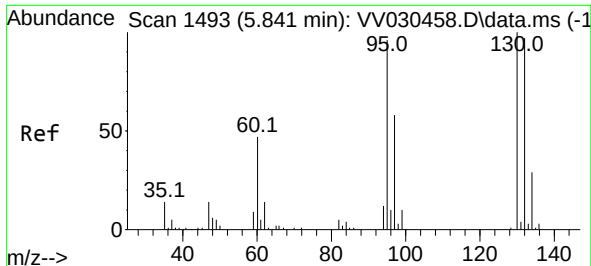
Tgt Ion: 96 Resp: 46005  
 Ion Ratio Lower Upper  
 96 100  
 61 132.0 92.0 170.8  
 68 0.0 0.0 0.0



#29  
 1,1,1-Trichloroethane  
 Concen: 0.496 ug/L  
 RT: 4.522 min Scan# 1083  
 Delta R.T. 0.003 min  
 Lab File: VV030482.D  
 Acq: 10 Apr 2023 21:02

Tgt Ion: 97 Resp: 8708  
 Ion Ratio Lower Upper  
 97 100  
 99 67.2 50.9 76.3  
 61 50.6 35.9 53.9



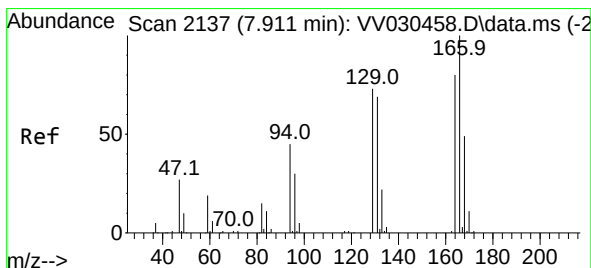
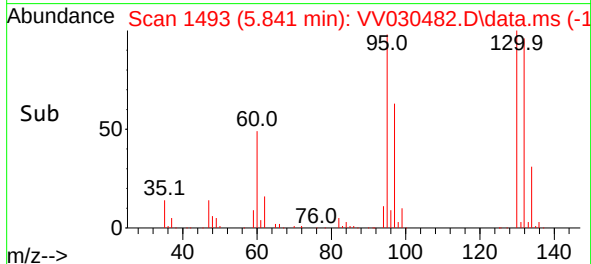
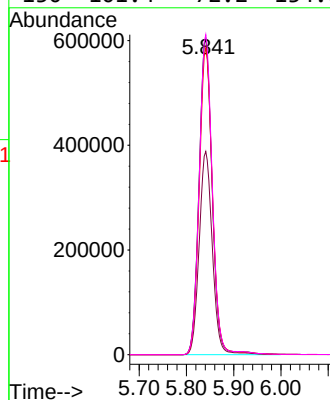
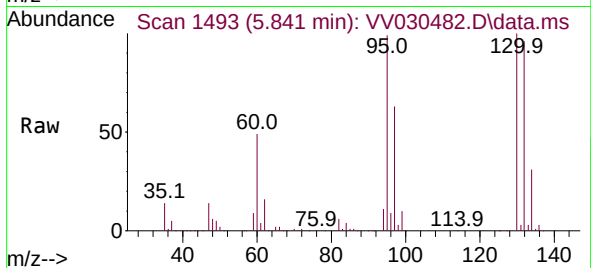


#34  
Trichloroethene  
Concen: 111.755 ug/L  
RT: 5.841 min Scan# 1493  
Delta R.T. -0.000 min  
Lab File: VV030482.D  
Acq: 10 Apr 2023 21:02

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Tgt Ion: 95 Resp: 1168365

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 64.4  | 44.2  | 82.2  |
| 132 | 97.2  | 69.5  | 129.1 |
| 130 | 101.4 | 72.2  | 134.0 |



#47  
Tetrachloroethene  
Concen: 331.961 ug/L  
RT: 7.918 min Scan# 2139  
Delta R.T. 0.006 min  
Lab File: VV030482.D  
Acq: 10 Apr 2023 21:02

Tgt Ion: 164 Resp: 3062921

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 94.9  | 60.8  | 112.8 |
| 131 | 91.3  | 61.7  | 114.7 |
| 166 | 128.5 | 85.6  | 159.0 |

