

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX081222\  
 Data File : VX030590.D  
 Acq On : 12 Aug 2022 13:37  
 Operator : JC/MD  
 Sample : N4144-11DL 20X  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EY161DL

Quant Time: Aug 12 23:30:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML080422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 12 23:28:07 2022  
 Response via : Initial Calibration

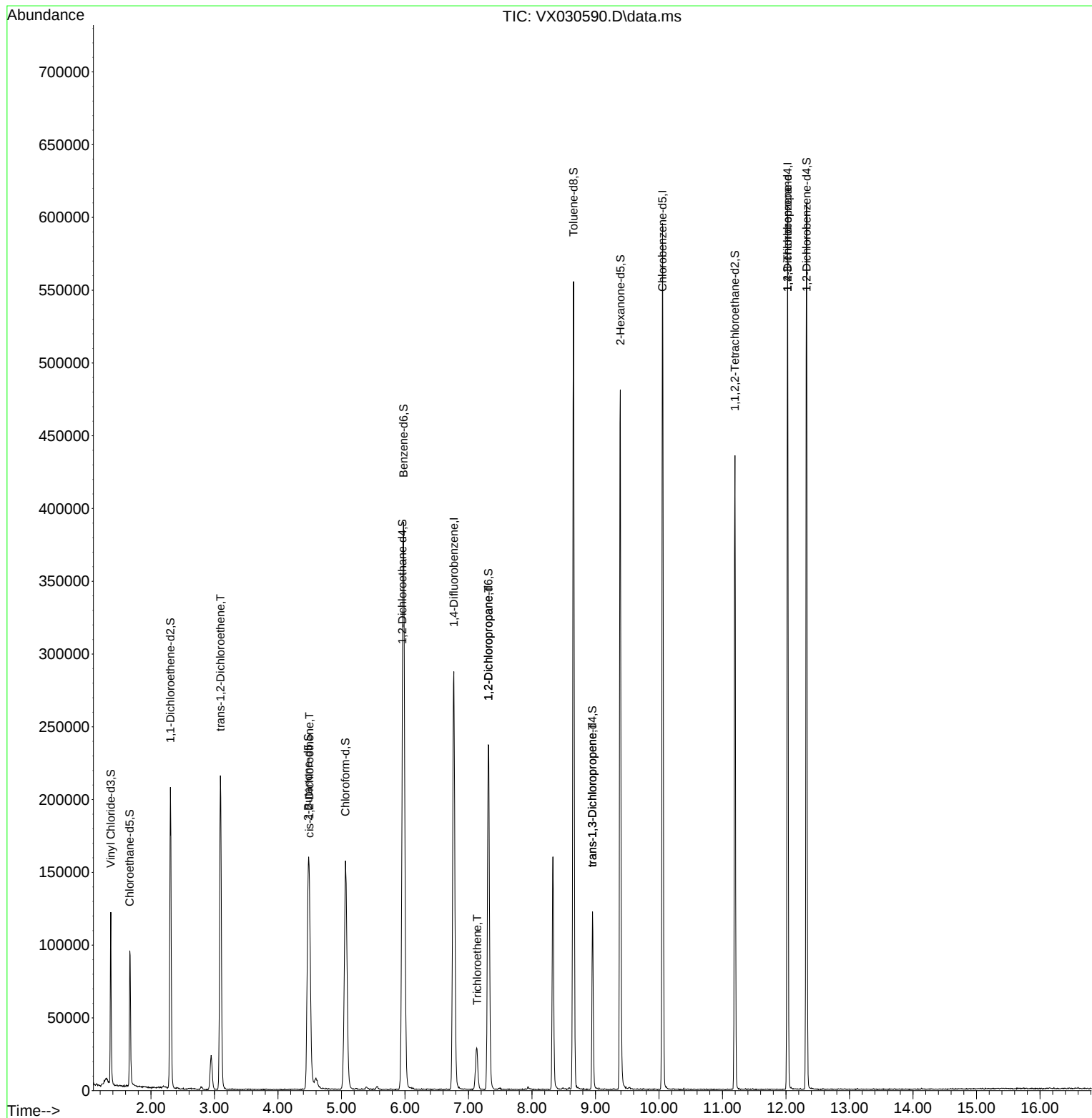
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.769   | 114   | 273487   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 244466   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 107383   | 50.000   | ug/L   | 0.00     |
|                               |         |       |          |          |        |          |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 70502    | 40.143   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 80.280%  |
| 7) Chloroethane-d5            | 1.666   | 69    | 61621    | 49.771   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 99.540%  |
| 11) 1,1-Dichloroethene-d2     | 2.307   | 63    | 115041   | 34.628   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 69.260%  |
| 21) 2-Butanone-d5             | 4.477   | 46    | 202611   | 124.508  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 124.510% |
| 24) Chloroform-d              | 5.062   | 84    | 188595   | 52.165   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 104.320% |
| 26) 1,2-Dichloroethane-d4     | 5.958   | 65    | 137373   | 55.960   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 111.920% |
| 32) Benzene-d6                | 5.977   | 84    | 348574   | 49.778   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 99.560%  |
| 36) 1,2-Dichloropropane-d6    | 7.312   | 67    | 120650   | 53.104   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 106.200% |
| 41) Toluene-d8                | 8.653   | 98    | 304884   | 46.189   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 92.380%  |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 53639    | 47.457   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 94.920%  |
| 47) 2-Hexanone-d5             | 9.391   | 63    | 130569   | 112.748  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 112.750% |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 167546   | 56.136   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 112.280% |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 109620   | 52.631   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 105.260% |
|                               |         |       |          |          |        |          |
| Target Compounds              |         |       |          |          |        | Qvalue   |
| 17) trans-1,2-Dichloroethene  | 3.093   | 96    | 81367    | 45.882   | ug/L   | 97       |
| 20) cis-1,2-Dichloroethene    | 4.495   | 96    | 45484    | 22.800   | ug/L   | 92       |
| 34) Trichloroethene           | 7.135   | 95    | 9511     | 4.190    | ug/L   | 89       |
| 37) 1,2-Dichloropropane       | 7.312   | 63    | 14759    | 7.082    | ug/L # | 89       |
| 44) trans-1,3-Dichloropropene | 8.952   | 75    | 2699     | 0.887    | ug/L # | 76       |
| 61) 1,2,3-Trichloropropane    | 12.024  | 75    | 15389    | 6.673    | ug/L # | 68       |
| -----                         |         |       |          |          |        |          |

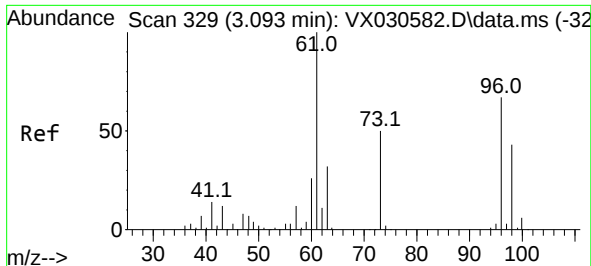
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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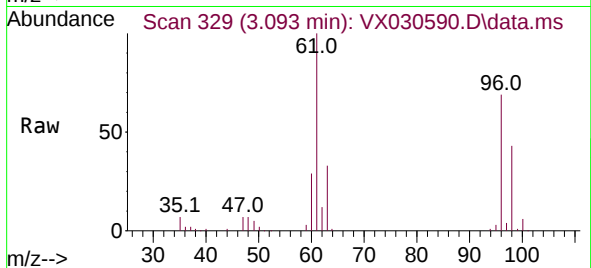
Quant Time: Aug 12 23:30:11 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML080422WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri Aug 12 23:28:07 2022  
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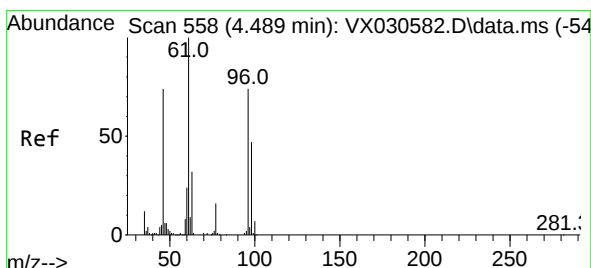
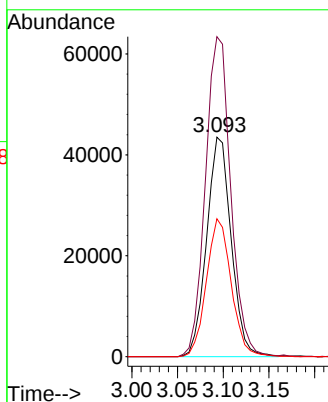
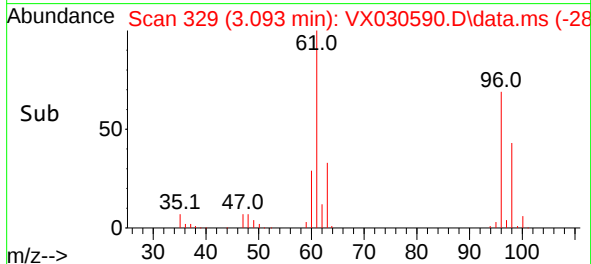


#17  
trans-1,2-Dichloroethene  
Concen: 45.882 ug/L  
RT: 3.093 min Scan# 31  
Delta R.T. 0.000 min  
Lab File: VX030590.D  
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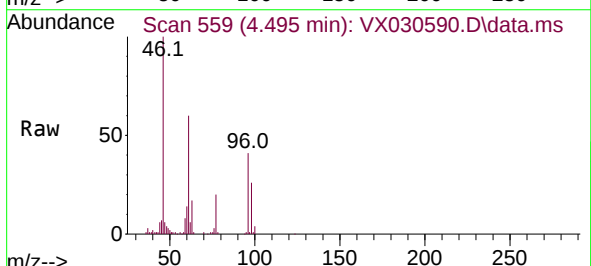
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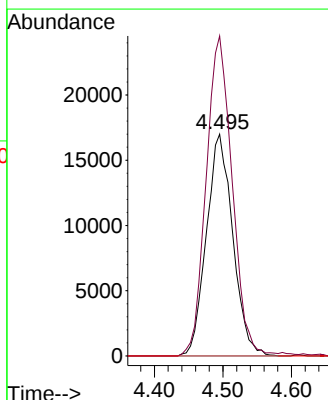
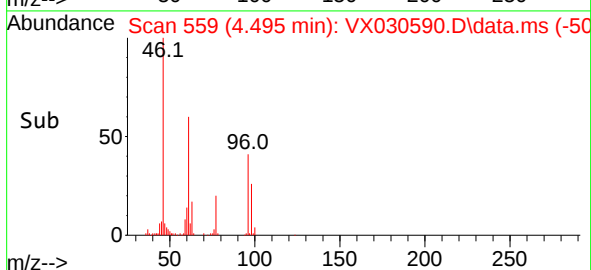
Tgt Ion: 96 Resp: 81367  
Ion Ratio Lower Upper  
96 100  
61 145.7 103.7 192.5  
98 62.8 41.5 77.1

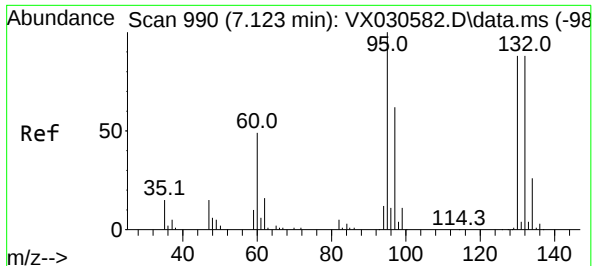


#20  
cis-1,2-Dichloroethene  
Concen: 22.800 ug/L  
RT: 4.495 min Scan# 559  
Delta R.T. 0.006 min  
Lab File: VX030590.D  
Acq: 12 Aug 2022 13:37



Tgt Ion: 96 Resp: 45484  
Ion Ratio Lower Upper  
96 100  
61 144.3 94.0 174.6  
68 0.0 0.0 0.0

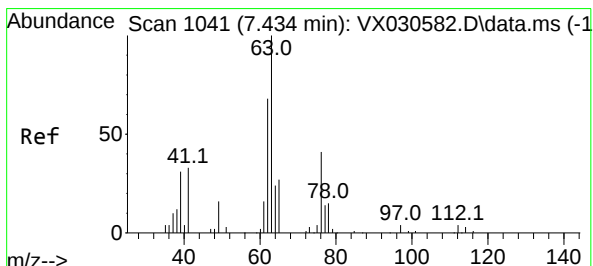
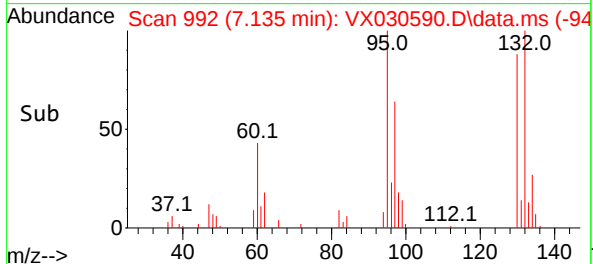
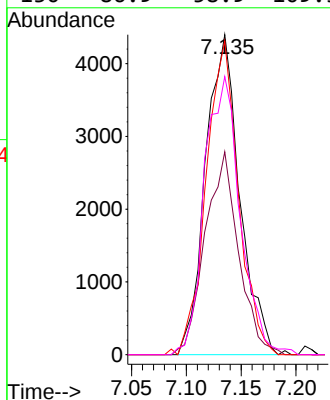
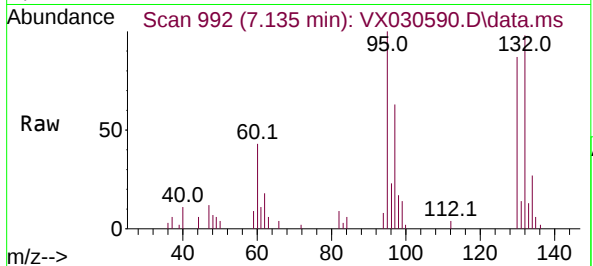




#34  
Trichloroethene  
Concen: 4.190 ug/L  
RT: 7.135 min Scan# 99  
Delta R.T. 0.012 min  
Lab File: VX030590.D  
Acq: 12 Aug 2022 13:37

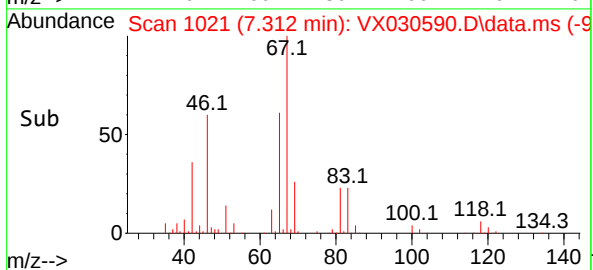
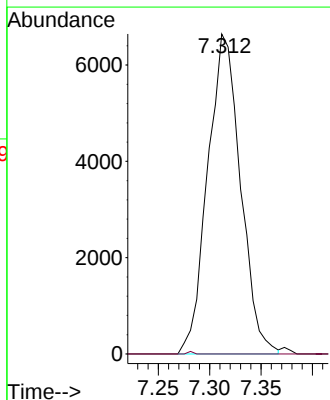
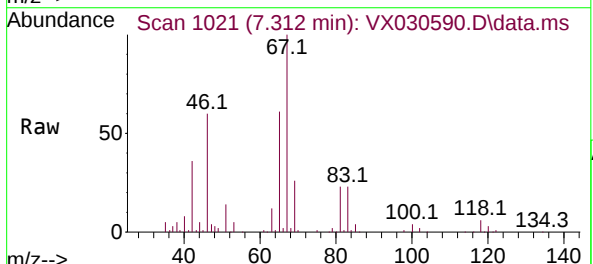
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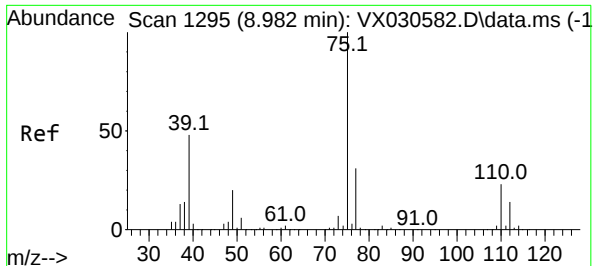
|             |                 |
|-------------|-----------------|
| Tgt Ion: 95 | Resp: 9511      |
| Ion Ratio   | Lower Upper     |
| 95          | 100             |
| 97          | 63.4 40.2 74.6  |
| 132         | 98.1 55.3 102.7 |
| 130         | 86.9 58.9 109.5 |



#37  
1,2-Dichloropropane  
Concen: 7.082 ug/L  
RT: 7.312 min Scan# 1021  
Delta R.T. -0.122 min  
Lab File: VX030590.D  
Acq: 12 Aug 2022 13:37

|             |              |
|-------------|--------------|
| Tgt Ion: 63 | Resp: 14759  |
| Ion Ratio   | Lower Upper  |
| 63          | 100          |
| 112         | 0.0 3.0 4.4# |

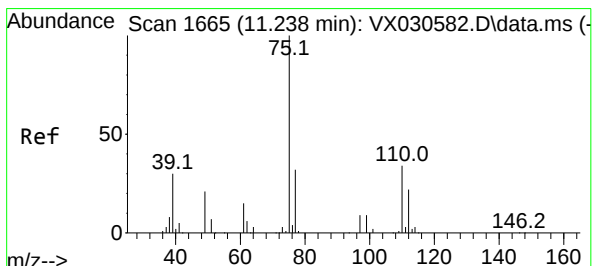
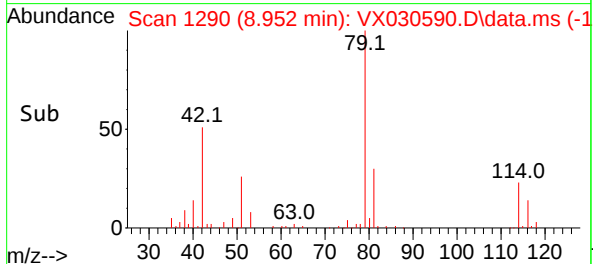
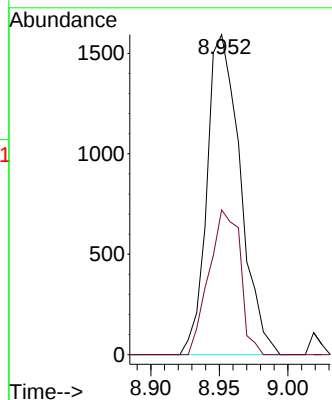
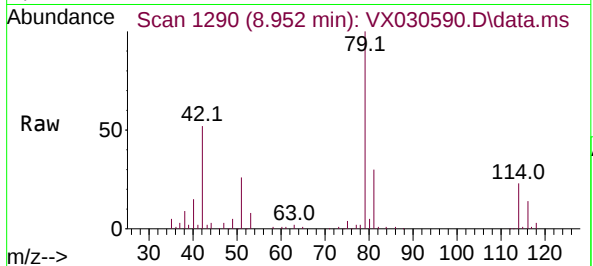




#44  
trans-1,3-Dichloropropene  
Concen: 0.887 ug/L  
RT: 8.952 min Scan# 11  
Delta R.T. -0.030 min  
Lab File: VX030590.D  
Acq: 12 Aug 2022 13:37

Instrument :  
MSVOA\_X  
ClientSampleId :  
EY161DL

Tgt Ion: 75 Resp: 2699  
Ion Ratio Lower Upper  
75 100  
77 45.3 22.5 41.7#



#61  
1,2,3-Trichloropropane  
Concen: 6.673 ug/L  
RT: 12.024 min Scan# 1794  
Delta R.T. 0.787 min  
Lab File: VX030590.D  
Acq: 12 Aug 2022 13:37

Tgt Ion: 75 Resp: 15389  
Ion Ratio Lower Upper  
75 100  
77 34.9 26.1 39.1  
110 3.9 30.5 45.7#

