

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV092921\  
 Data File : VV022406.D  
 Acq On : 30 Sep 2021 02:56  
 Operator : SY/MD  
 Sample : M3979-12  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Sep 30 07:09:33 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Sep 30 06:55:59 2021  
 Response via : Initial Calibration

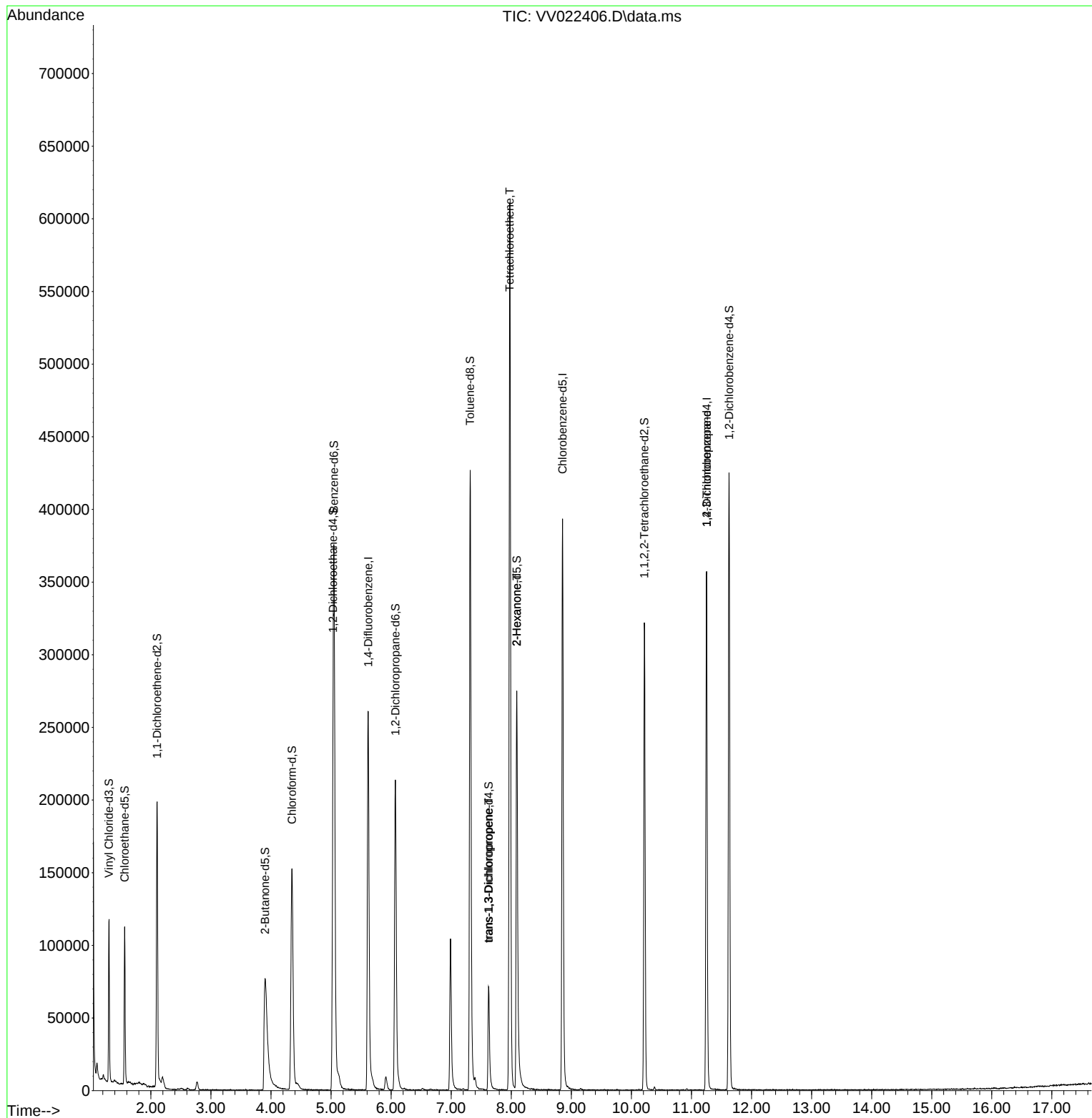
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619          | 114  | 233724     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854          | 117  | 230593     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252         | 152  | 100270     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.301          | 65   | 70463      | 35.524   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 71.040%  |        |          |
| 7) Chloroethane-d5            | 1.565          | 69   | 64867      | 41.347   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 82.700%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.101          | 63   | 100039     | 29.008   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 58.020%# |        |          |
| 21) 2-Butanone-d5             | 3.902          | 46   | 144596     | 103.295  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 103.290% |        |          |
| 24) Chloroform-d              | 4.349          | 84   | 161685     | 45.143   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.280%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.034          | 65   | 102579     | 46.703   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 93.400%  |        |          |
| 32) Benzene-d6                | 5.050          | 84   | 324311     | 44.706   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 89.420%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 108158     | 46.604   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 93.200%  |        |          |
| 41) Toluene-d8                | 7.317          | 98   | 292815     | 44.100   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 88.200%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 43305      | 40.864   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 81.720%  |        |          |
| 47) 2-Hexanone-d5             | 8.092          | 63   | 99806      | 105.837  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 105.840% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217         | 84   | 153857     | 45.670   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 91.340%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.628         | 152  | 116289     | 52.156   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 104.320% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 44) trans-1,3-Dichloropropene | 7.622          | 75   | 1811       | 0.714    | ug/L # | 78       |
| 46) Tetrachloroethene         | 7.976          | 164  | 142543     | 95.661   | ug/L   | 97       |
| 48) 2-Hexanone                | 8.092          | 43   | 10718      | 5.554    | ug/L # | 69       |
| 61) 1,2,3-Trichloropropane    | 11.252         | 75   | 11742      | 6.277    | ug/L # | 64       |
| -----                         |                |      |            |          |        |          |

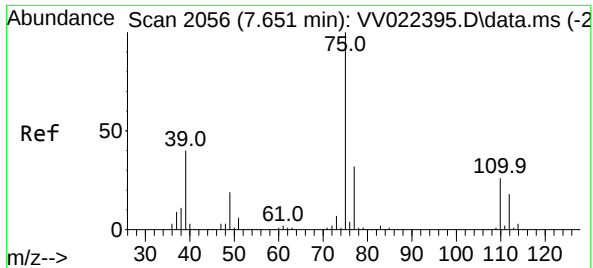
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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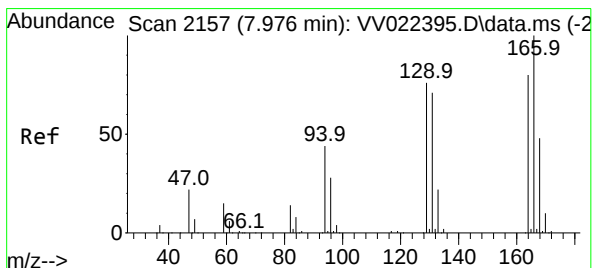
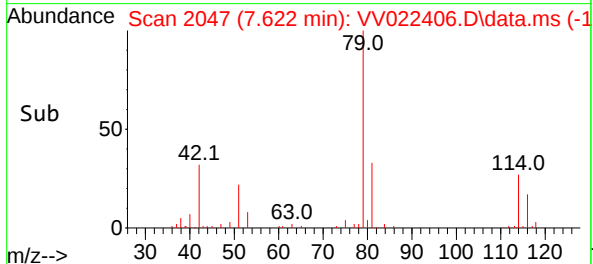
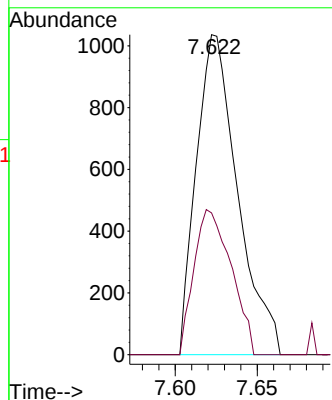
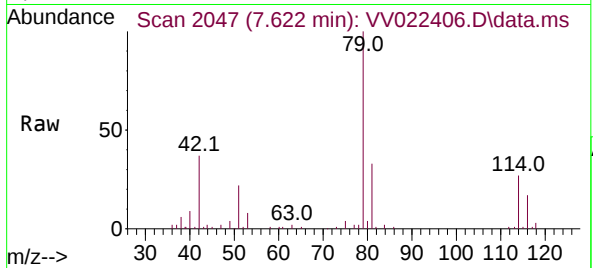




#44  
trans-1,3-Dichloropropene  
Concen: 0.714 ug/L  
RT: 7.622 min Scan# 2047  
Delta R.T. -0.029 min  
Lab File: VV022406.D  
Acq: 30 Sep 2021 02:56

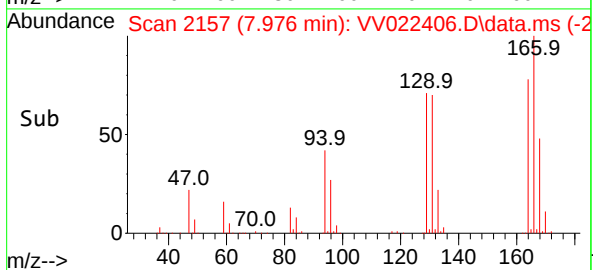
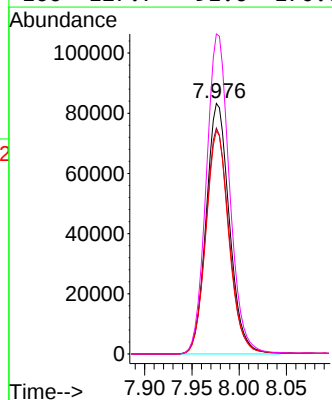
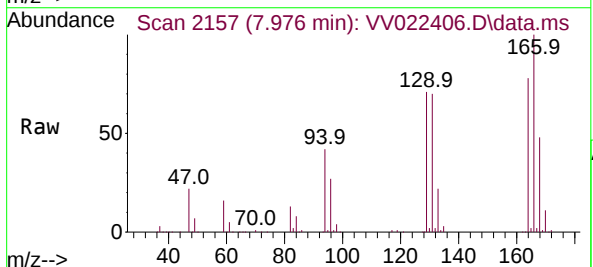
Instrument :  
MSVOA\_V  
ClientSampled :

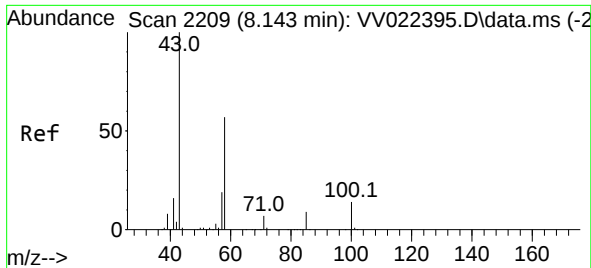
Tgt Ion: 75 Resp: 1811  
Ion Ratio Lower Upper  
75 100  
77 44.3 22.3 41.3#



#46  
Tetrachloroethene  
Concen: 95.661 ug/L  
RT: 7.976 min Scan# 2157  
Delta R.T. 0.000 min  
Lab File: VV022406.D  
Acq: 30 Sep 2021 02:56

Tgt Ion: 164 Resp: 142543  
Ion Ratio Lower Upper  
164 100  
129 90.2 66.4 123.4  
131 89.0 63.6 118.0  
166 127.7 91.6 170.0

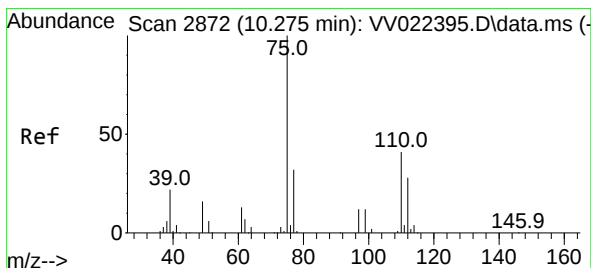
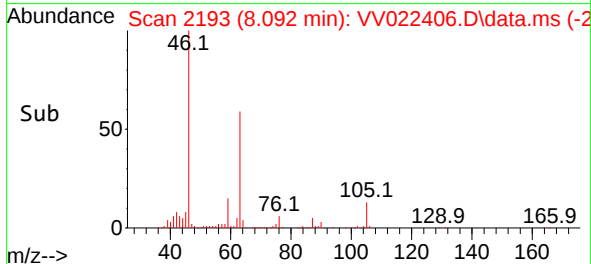
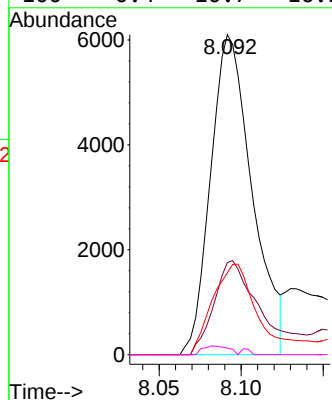
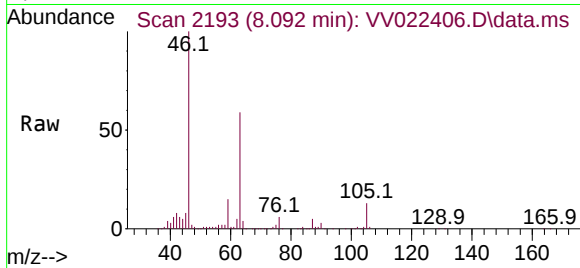




#48  
2-Hexanone  
Concen: 5.554 ug/L  
RT: 8.092 min Scan# 2193  
Delta R.T. -0.051 min  
Lab File: VV022406.D  
Acq: 30 Sep 2021 02:56

Instrument :  
MSVOA\_V  
ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 43 | Resp: 10718 |
| Ion Ratio   | Lower Upper |
| 43 100      |             |
| 58 33.5     | 45.4 68.2#  |
| 57 32.1     | 15.0 22.4#  |
| 100 0.4     | 10.7 16.1#  |



#61  
1,2,3-Trichloropropane  
Concen: 6.277 ug/L  
RT: 11.252 min Scan# 3176  
Delta R.T. 0.978 min  
Lab File: VV022406.D  
Acq: 30 Sep 2021 02:56

|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 11742 |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 77 30.2     | 25.4 38.0   |
| 110 1.9     | 32.6 48.8#  |

