

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV081022\  
 Data File : VV027266.D  
 Acq On : 10 Aug 2022 18:45  
 Operator : SY/MD  
 Sample : N4114-18  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F5E35

Quant Time: Aug 11 03:55:05 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM080422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Aug 09 02:29:12 2022  
 Response via : Initial Calibration

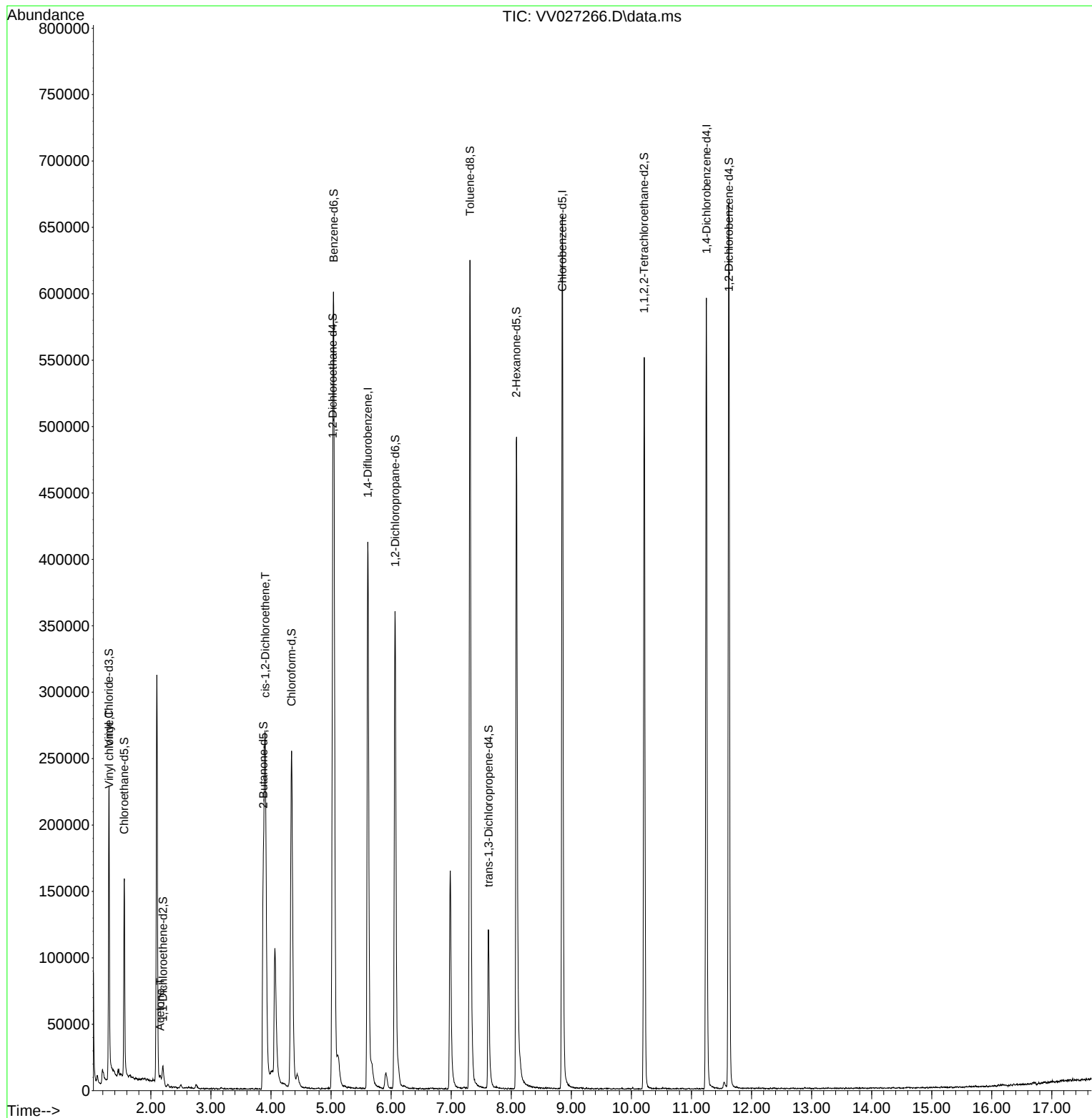
| Compound                      | R.T. QIon |       | Response | Conc    | Units     | Dev(Min)  |
|-------------------------------|-----------|-------|----------|---------|-----------|-----------|
| -----                         |           |       |          |         |           |           |
| Internal Standards            |           |       |          |         |           |           |
| 1) 1,4-Difluorobenzene        | 5.613     | 114   | 342751   | 50.000  | ug/L      | # 0.00    |
| 28) Chlorobenzene-d5          | 8.850     | 117   | 355187   | 50.000  | ug/L      | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.249    | 152   | 151731   | 50.000  | ug/L      | 0.00      |
| System Monitoring Compounds   |           |       |          |         |           |           |
| 4) Vinyl Chloride-d3          | 1.301     | 65    | 121813   | 52.128  | ug/L      | 0.00      |
| Spiked Amount 50.000          | Range 60  | - 135 | Recovery | =       | 104.260%  |           |
| 7) Chloroethane-d5            | 1.558     | 69    | 102112   | 59.773  | ug/L      | 0.00      |
| Spiked Amount 50.000          | Range 70  | - 130 | Recovery | =       | 119.540%  |           |
| 11) 1,1-Dichloroethene-d2     | 2.201     | 63    | 10622    | 2.485   | ug/L      | 0.10      |
| Spiked Amount 50.000          | Range 60  | - 125 | Recovery | =       | 4.980%#   |           |
| 21) 2-Butanone-d5             | 3.873     | 46    | 242878   | 116.766 | ug/L      | 0.00      |
| Spiked Amount 100.000         | Range 40  | - 130 | Recovery | =       | 116.770%  |           |
| 24) Chloroform-d              | 4.343     | 84    | 257972   | 53.894  | ug/L      | 0.00      |
| Spiked Amount 50.000          | Range 70  | - 125 | Recovery | =       | 107.780%  |           |
| 26) 1,2-Dichloroethane-d4     | 5.027     | 65    | 175941   | 59.201  | ug/L      | 0.00      |
| Spiked Amount 50.000          | Range 70  | - 125 | Recovery | =       | 118.400%  |           |
| 32) Benzene-d6                | 5.044     | 84    | 508575   | 59.709  | ug/L      | 0.00      |
| Spiked Amount 50.000          | Range 70  | - 125 | Recovery | =       | 119.420%  |           |
| 36) 1,2-Dichloropropane-d6    | 6.066     | 67    | 182366   | 60.189  | ug/L      | 0.00      |
| Spiked Amount 50.000          | Range 70  | - 120 | Recovery | =       | 120.380%# |           |
| 41) Toluene-d8                | 7.314     | 98    | 425284   | 58.577  | ug/L      | 0.00      |
| Spiked Amount 50.000          | Range 80  | - 120 | Recovery | =       | 117.160%  |           |
| 43) trans-1,3-Dichloroprop... | 7.622     | 79    | 71083    | 53.824  | ug/L      | 0.00      |
| Spiked Amount 50.000          | Range 60  | - 125 | Recovery | =       | 107.640%  |           |
| 47) 2-Hexanone-d5             | 8.085     | 63    | 167682   | 114.906 | ug/L      | 0.00      |
| Spiked Amount 100.000         | Range 45  | - 130 | Recovery | =       | 114.910%  |           |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214    | 84    | 268418   | 54.362  | ug/L      | 0.00      |
| Spiked Amount 50.000          | Range 65  | - 120 | Recovery | =       | 108.720%  |           |
| 66) 1,2-Dichlorobenzene-d4    | 11.622    | 152   | 163867   | 62.539  | ug/L      | 0.00      |
| Spiked Amount 50.000          | Range 80  | - 120 | Recovery | =       | 125.080%# |           |
| Target Compounds              |           |       |          |         |           |           |
| 5) Vinyl chloride             | 1.307     | 62    | 37001    | 10.663  | ug/L      | Qvalue 95 |
| 13) Acetone                   | 2.156     | 43    | 3958     | 2.468   | ug/L      | 92        |
| 20) cis-1,2-Dichloroethene    | 3.905     | 96    | 123390   | 45.195  | ug/L      | 91        |
| -----                         |           |       |          |         |           |           |

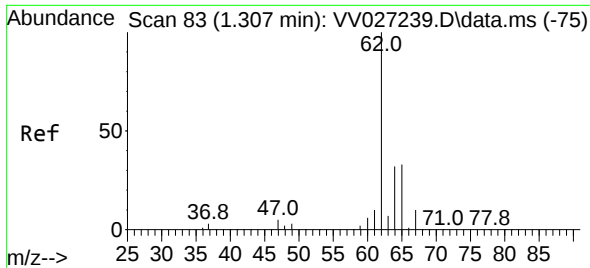
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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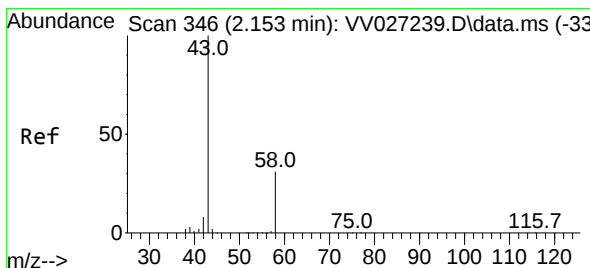
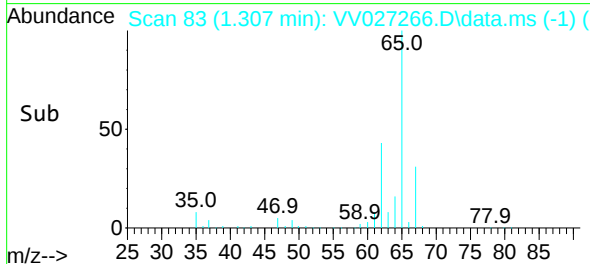
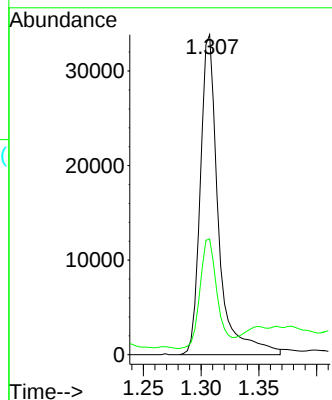
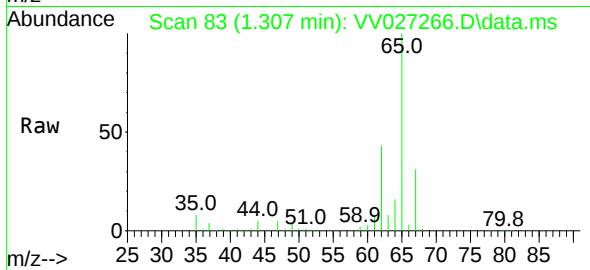




#5  
 Vinyl chloride  
 Concen: 10.663 ug/L  
 RT: 1.307 min Scan# 81  
 Delta R.T. 0.000 min  
 Lab File: VV027266.D  
 Acq: 10 Aug 2022 18:45

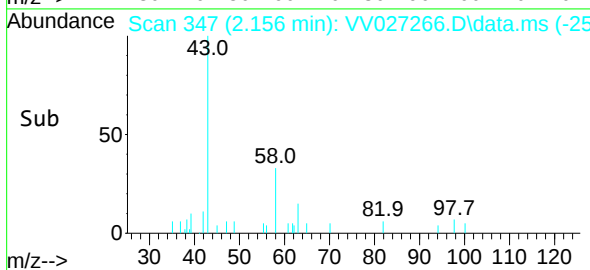
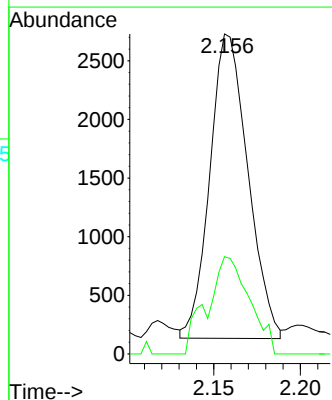
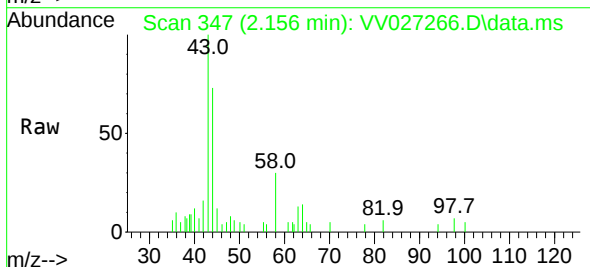
Instrument :  
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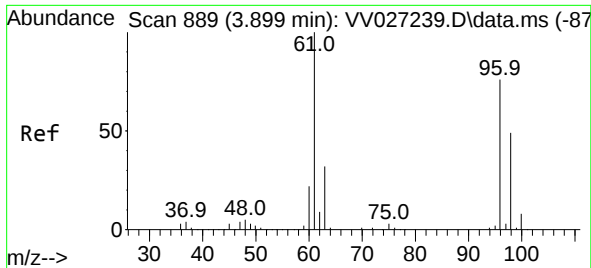
Tgt Ion: 62 Resp: 37001  
 Ion Ratio Lower Upper  
 62 100  
 64 36.1 23.2 43.2



#13  
 Acetone  
 Concen: 2.468 ug/L  
 RT: 2.156 min Scan# 347  
 Delta R.T. 0.003 min  
 Lab File: VV027266.D  
 Acq: 10 Aug 2022 18:45

Tgt Ion: 43 Resp: 3958  
 Ion Ratio Lower Upper  
 43 100  
 58 28.6 0.0 49.6





#20  
 cis-1,2-Dichloroethene  
 Concen: 45.195 ug/L  
 RT: 3.905 min Scan# 891  
 Delta R.T. 0.006 min  
 Lab File: VV027266.D  
 Acq: 10 Aug 2022 18:45

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
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Tgt Ion: 96 Resp: 123390

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 96  | 100   |       |       |
| 61  | 126.1 | 81.8  | 151.8 |
| 68  | 0.0   | 0.0   | 0.0   |

