

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW111323\  
 Data File : VW032940.D  
 Acq On : 13 Nov 2023 18:34  
 Operator : SY/MD  
 Sample : 05296-13  
 Misc : 6.08gm/5mL/100uL/5mL/MSVOA\_V/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BH3S8

Quant Time: Nov 14 00:21:03 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM111323WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Nov 13 23:16:30 2023  
 Response via : Initial Calibration

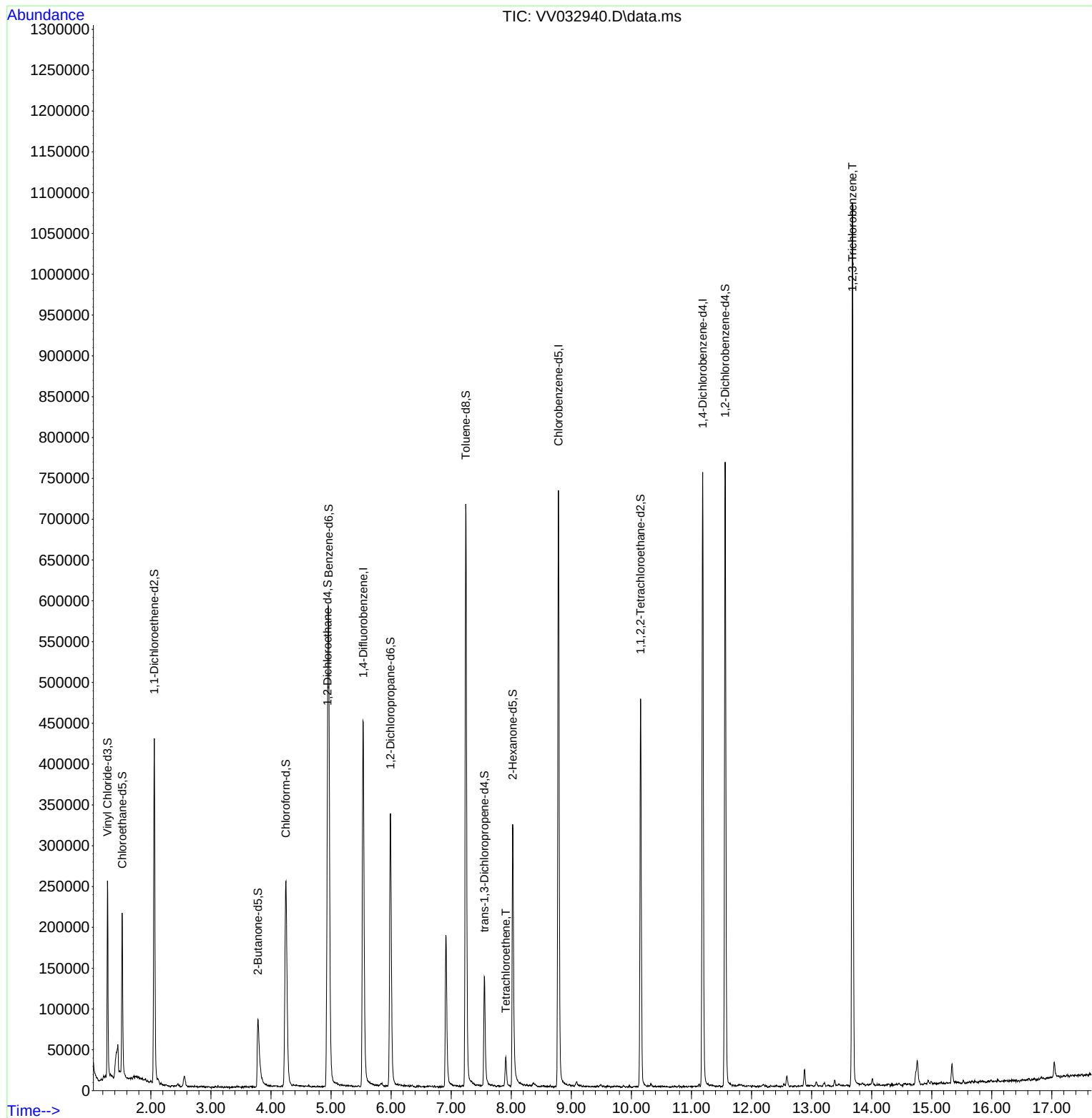
| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.535          | 114  | 396077     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.786          | 117  | 400562     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188         | 152  | 195380     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 153093     | 45.701   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 91.400%  |       |          |
| 7) Chloroethane-d5            | 1.523          | 69   | 133235     | 48.004   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 96.000%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.056          | 65   | 68551      | 46.968   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 93.940%  |       |          |
| 21) 2-Butanone-d5             | 3.783          | 46   | 127639     | 88.891   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 88.890%  |       |          |
| 24) Chloroform-d              | 4.246          | 84   | 267590     | 46.238   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 92.480%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.940          | 65   | 170780     | 48.499   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 97.000%  |       |          |
| 32) Benzene-d6                | 4.960          | 84   | 527861     | 48.317   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 96.640%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.989          | 67   | 157781     | 49.686   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 99.380%  |       |          |
| 41) Toluene-d8                | 7.243          | 98   | 471514     | 46.813   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 93.620%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.551          | 79   | 76480      | 45.366   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 90.740%  |       |          |
| 47) 2-Hexanone-d5             | 8.024          | 63   | 109535     | 94.153   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 94.150%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.152         | 84   | 217024     | 46.653   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 93.300%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561         | 152  | 191983     | 50.569   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 101.140% |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 46) Tetrachloroethene         | 7.908          | 164  | 8020       | 3.153    | ug/L  | 96       |
| 72) 1,2,3-Trichlorobenzene    | 13.680         | 180  | 312672     | 76.419   | ug/L  | 99       |
| -----                         |                |      |            |          |       |          |

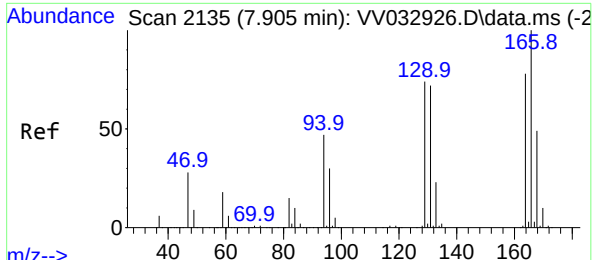
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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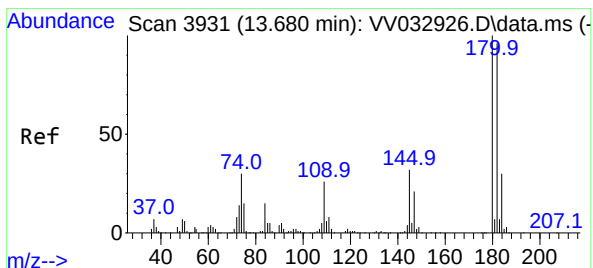
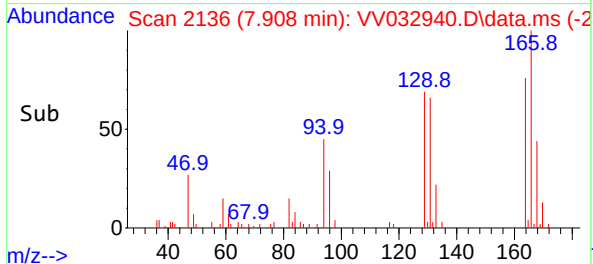
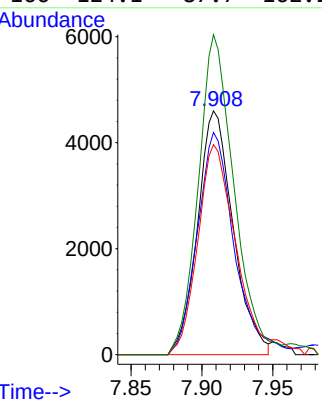
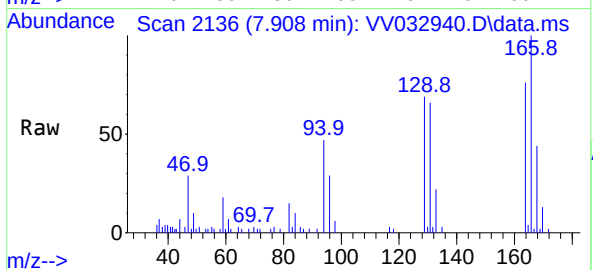


#46  
Tetrachloroethene  
Concen: 3.153 ug/L  
RT: 7.908 min Scan# 2135  
Delta R.T. 0.003 min  
Lab File: VV032940.D  
Acq: 13 Nov 2023 18:34

Instrument :  
MSVOA\_V  
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Tgt Ion:164 Resp: 8020

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 86.2  | 64.2  | 119.2 |
| 131 | 84.8  | 63.5  | 117.9 |
| 166 | 124.1 | 87.7  | 162.9 |



#72  
1,2,3-Trichlorobenzene  
Concen: 76.419 ug/L  
RT: 13.680 min Scan# 3931  
Delta R.T. -0.000 min  
Lab File: VV032940.D  
Acq: 13 Nov 2023 18:34

Tgt Ion:180 Resp: 312672

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.5  | 76.9  | 115.3 |
| 145 | 32.8  | 26.1  | 39.1  |

