

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120921\  
 Data File : VX025663.D  
 Acq On : 09 Dec 2021 16:27  
 Operator : JC/MD  
 Sample : M4884-22MEDL 20X  
 Misc : 2.47g/5mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EW9K6MEDL

Quant Time: Dec 10 02:00:54 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM112221WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 10 01:57:45 2021  
 Response via : Initial Calibration

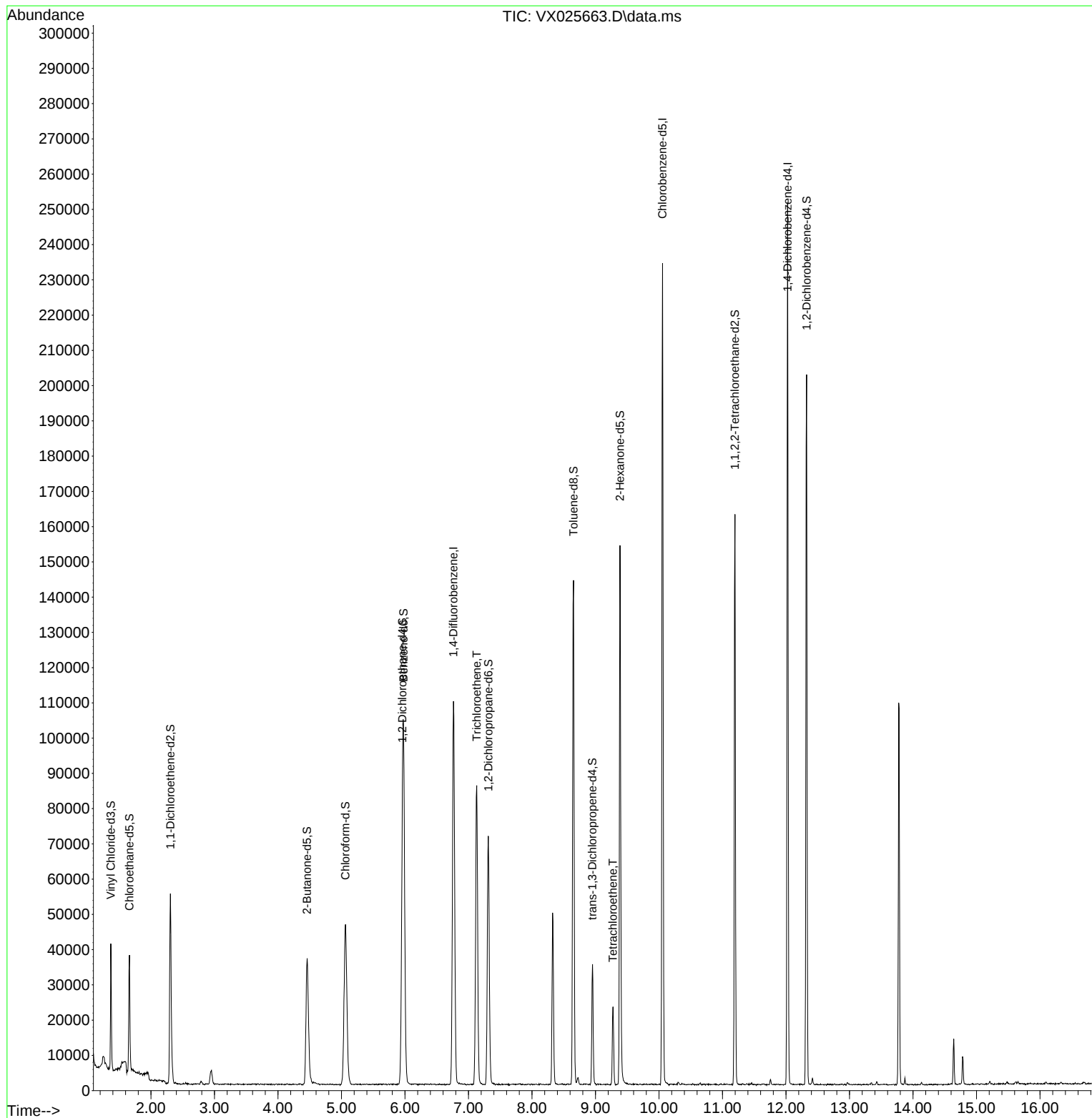
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763   | 114   | 117313   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 107493   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 50890    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 21287    | 26.589   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 53.180%# |
| 7) Chloroethane-d5            | 1.660   | 69    | 21902    | 33.146   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 66.300%# |
| 11) 1,1-Dichloroethene-d2     | 2.307   | 63    | 29960    | 23.470   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 46.940%# |
| 21) 2-Butanone-d5             | 4.459   | 46    | 61887    | 103.842  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 103.840% |
| 24) Chloroform-d              | 5.062   | 84    | 57021    | 40.752   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 81.500%  |
| 26) 1,2-Dichloroethane-d4     | 5.958   | 65    | 37857    | 43.406   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 86.820%  |
| 32) Benzene-d6                | 5.977   | 84    | 101072   | 35.478   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 70.960%  |
| 36) 1,2-Dichloropropane-d6    | 7.312   | 67    | 34626    | 39.256   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 78.520%  |
| 41) Toluene-d8                | 8.653   | 98    | 85278    | 31.713   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 63.420%# |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 15901    | 35.857   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 71.720%  |
| 47) 2-Hexanone-d5             | 9.385   | 63    | 43904    | 95.621   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 95.620%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 60036    | 48.160   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 96.320%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 42811    | 42.891   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 85.780%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 34) Trichloroethene           | 7.129   | 95    | 31639    | 41.889   | ug/L   | 95       |
| 46) Tetrachloroethene         | 9.275   | 164   | 4387     | 6.849    | ug/L   | 96       |
| -----                         |         |       |          |          |        |          |

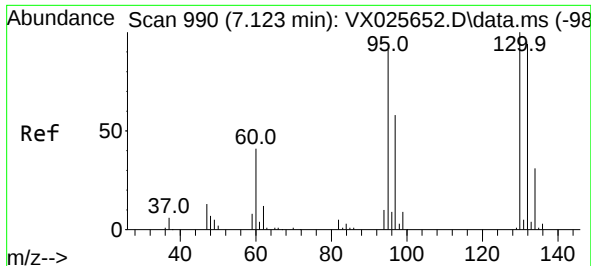
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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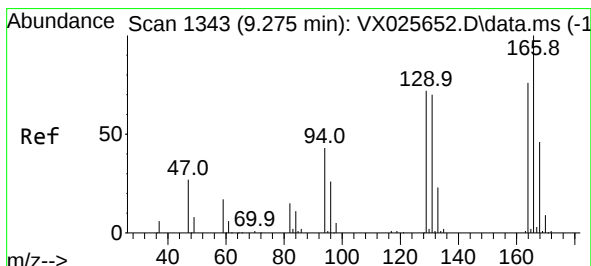
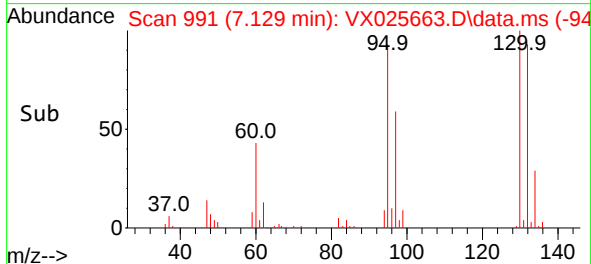
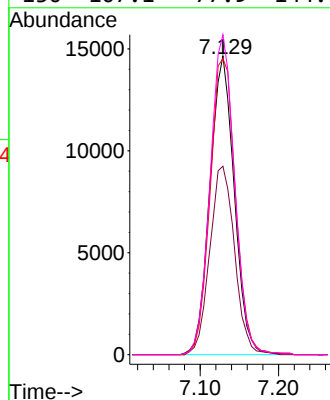
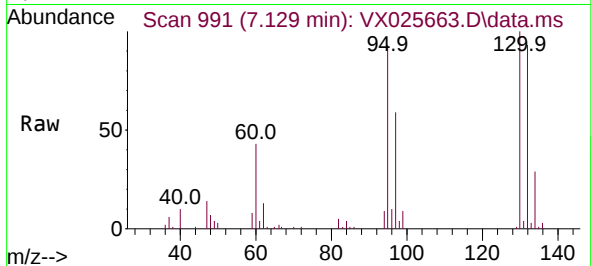




#34  
Trichloroethene  
Concen: 41.889 ug/L  
RT: 7.129 min Scan# 991  
Delta R.T. 0.006 min  
Lab File: VX025663.D  
Acq: 09 Dec 2021 16:27

Instrument :  
MSVOA\_X  
ClientSampleId :  
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Tgt Ion: 95 Resp: 31639  
Ion Ratio Lower Upper  
95 100  
97 63.1 46.0 85.4  
132 99.2 75.0 139.2  
130 107.1 77.9 144.7



#46  
Tetrachloroethene  
Concen: 6.849 ug/L  
RT: 9.275 min Scan# 1343  
Delta R.T. 0.000 min  
Lab File: VX025663.D  
Acq: 09 Dec 2021 16:27

Tgt Ion: 164 Resp: 4387  
Ion Ratio Lower Upper  
164 100  
129 97.7 64.7 120.1  
131 90.7 63.2 117.4  
166 122.4 90.1 167.3

