

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120524\  
 Data File : VX044147.D  
 Acq On : 05 Dec 2024 15:08  
 Operator : JC/MD  
 Sample : P5066-02 100X  
 Misc : 5.89g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 E28M1

Quant Time: Dec 06 04:09:20 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM120524WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 06 03:51:43 2024  
 Response via : Initial Calibration

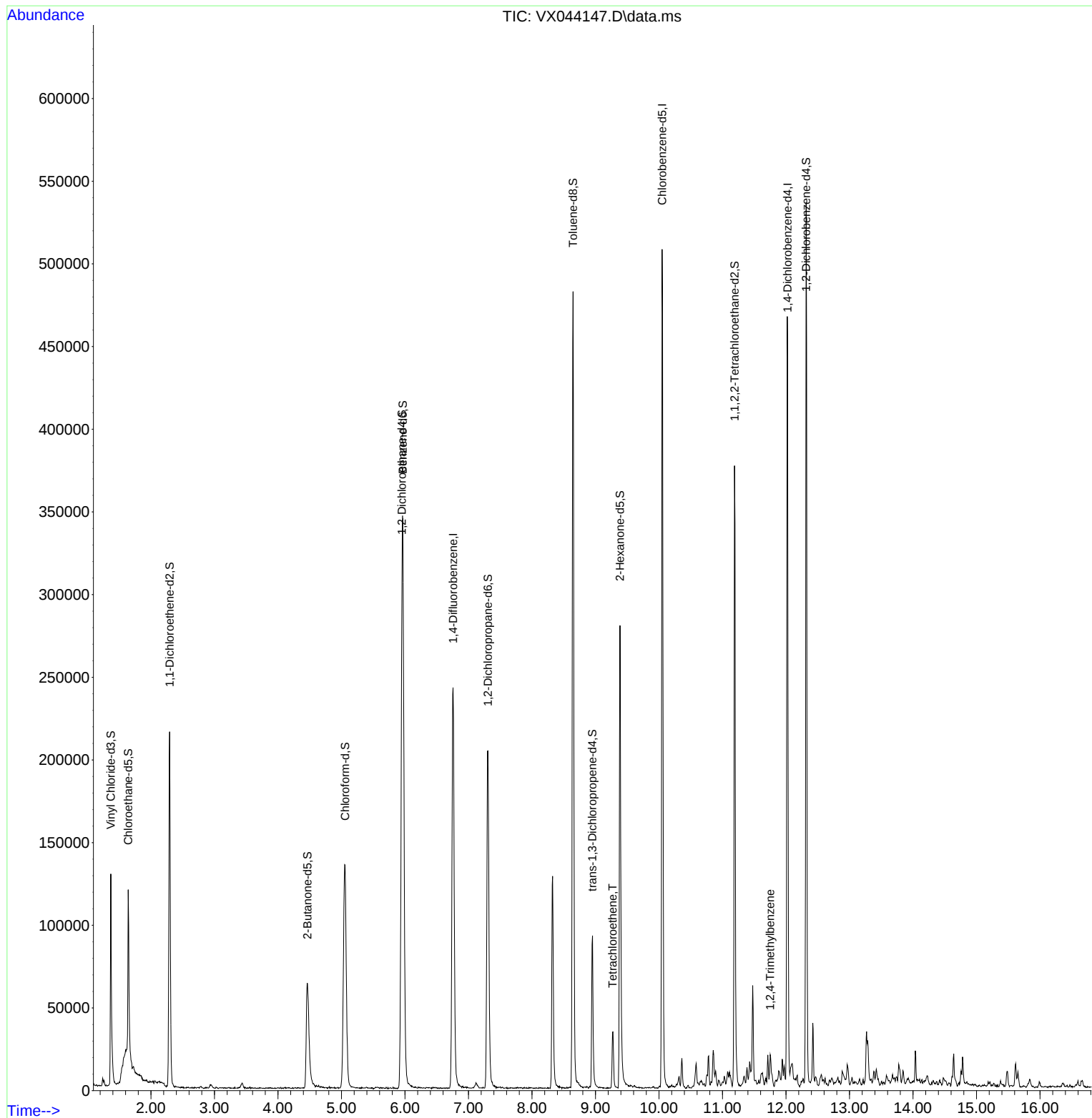
| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 6.757          | 114  | 242184     | 50.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 10.049         | 117  | 213428     | 50.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 90411      | 50.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.368          | 65   | 90187      | 40.693  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 81.380% |       |          |
| 7) Chloroethane-d5            | 1.642          | 69   | 65970      | 38.426  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 76.860% |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.294          | 65   | 39268      | 41.429  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 82.860% |       |          |
| 21) 2-Butanone-d5             | 4.465          | 46   | 117005     | 86.229  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 86.230% |       |          |
| 24) Chloroform-d              | 5.056          | 84   | 173345     | 41.194  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 82.380% |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.952          | 65   | 121265     | 40.750  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 81.500% |       |          |
| 32) Benzene-d6                | 5.964          | 84   | 316067     | 42.859  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 85.720% |       |          |
| 36) 1,2-Dichloropropane-d6    | 7.306          | 67   | 99615      | 43.502  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 87.000% |       |          |
| 41) Toluene-d8                | 8.647          | 98   | 284139     | 41.670  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 83.340% |       |          |
| 43) trans-1,3-Dichloroprop... | 8.952          | 79   | 43494      | 39.525  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 79.040% |       |          |
| 47) 2-Hexanone-d5             | 9.385          | 63   | 77966      | 87.324  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 87.320% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189         | 84   | 131167     | 42.719  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 85.440% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.317         | 152  | 92082      | 43.713  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 87.420% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 46) Tetrachloroethene         | 9.269          | 164  | 6320       | 5.354   | ug/L  | 95       |
| 63) 1,2,4-Trimethylbenzene    | 11.750         | 105  | 7109       | 1.251   | ug/L  | 97       |
| -----                         |                |      |            |         |       |          |

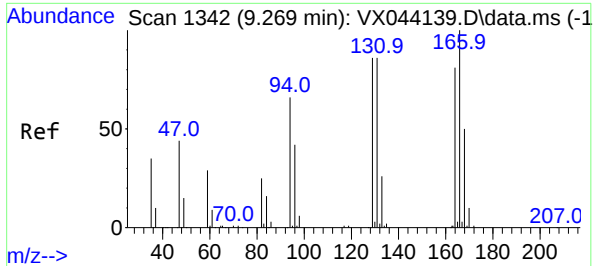
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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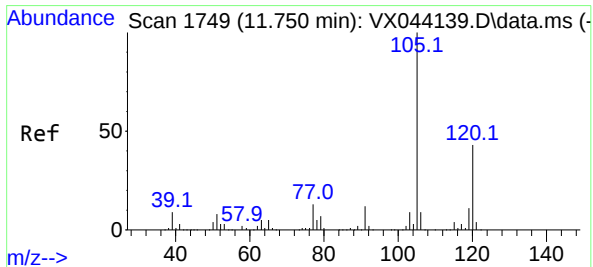
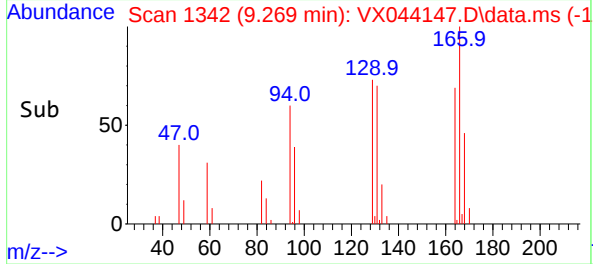
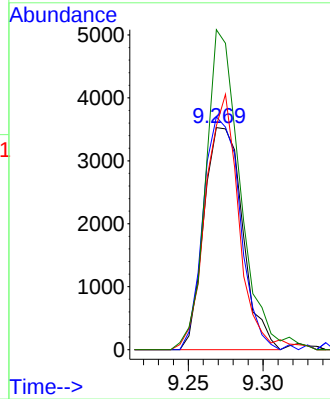
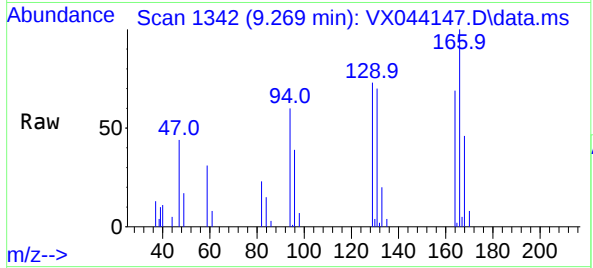


#46  
Tetrachloroethene  
Concen: 5.354 ug/L  
RT: 9.269 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VX044147.D  
Acq: 05 Dec 2024 15:08

Instrument :  
MSVOA\_X  
ClientSampleId :  
E28M1

Tgt Ion:164 Resp: 6320

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 101.7 | 73.6  | 136.6 |
| 131 | 97.8  | 70.2  | 130.4 |
| 166 | 139.9 | 92.0  | 170.8 |



#63  
1,2,4-Trimethylbenzene  
Concen: 1.251 ug/L  
RT: 11.750 min Scan# 1749  
Delta R.T. 0.000 min  
Lab File: VX044147.D  
Acq: 05 Dec 2024 15:08

Tgt Ion:105 Resp: 7109

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 105 | 100   |       |       |
| 120 | 41.5  | 34.5  | 51.7  |

