

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW060324\  
 Data File : VW035947.D  
 Acq On : 03 Jun 2024 12:03  
 Operator : SY/MD  
 Sample : P2659-20  
 Misc : 5.33g/10.0mL/MSVOA\_V/SOIL/B  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jun 04 02:18:19 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jun 04 02:12:20 2024  
 Response via : Initial Calibration

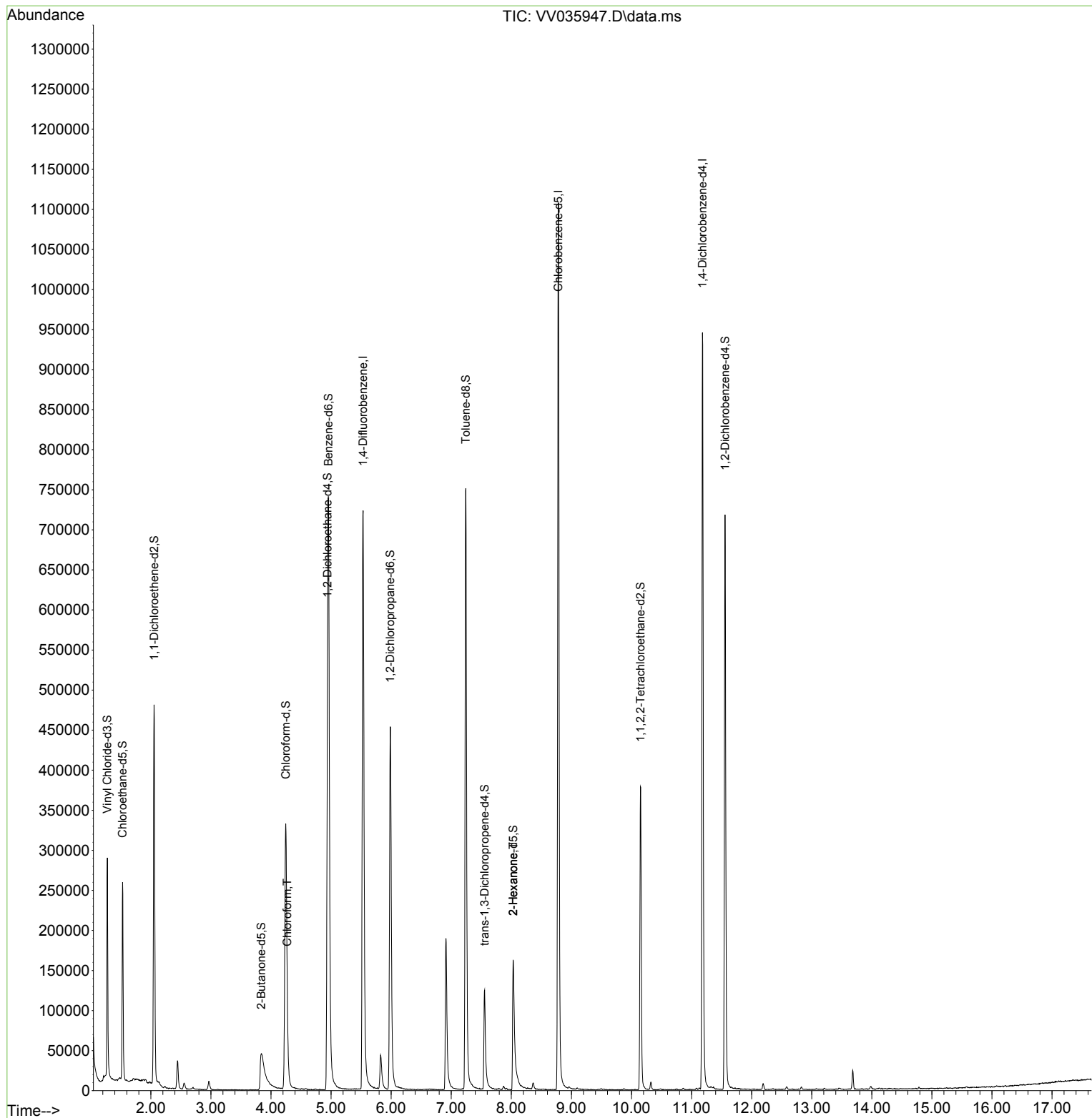
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.532  | 114   | 640693   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 633869   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181 | 152   | 254265   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 180506   | 15.324   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 61.280%  |
| 7) Chloroethane-d5            | 1.529  | 69    | 159997   | 17.035   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 68.120%  |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65    | 82064    | 15.650   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 62.600%  |
| 21) 2-Butanone-d5             | 3.838  | 46    | 99964    | 36.989   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 73.980%  |
| 24) Chloroform-d              | 4.246  | 84    | 365658   | 17.952   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 71.800%  |
| 26) 1,2-Dichloroethane-d4     | 4.941  | 65    | 202290   | 18.942   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 75.760%  |
| 32) Benzene-d6                | 4.957  | 84    | 670150   | 17.786   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 71.160%  |
| 36) 1,2-Dichloropropane-d6    | 5.986  | 67    | 234449   | 19.759   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 79.040%  |
| 41) Toluene-d8                | 7.243  | 98    | 520927   | 15.669   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 62.680%  |
| 43) trans-1,3-Dichloroprop... | 7.555  | 79    | 80796    | 16.607   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 66.440%  |
| 47) 2-Hexanone-d5             | 8.030  | 63    | 64464    | 40.100   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 80.200%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84    | 192908   | 21.757   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 87.040%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152   | 189938   | 20.370   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 81.480%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 25) Chloroform                | 4.272  | 83    | 10397    | 0.487    | ug/L   | 87       |
| 48) 2-Hexanone                | 8.030  | 43    | 8738     | 1.890    | ug/L   | # 69     |
| -----                         |        |       |          |          |        |          |

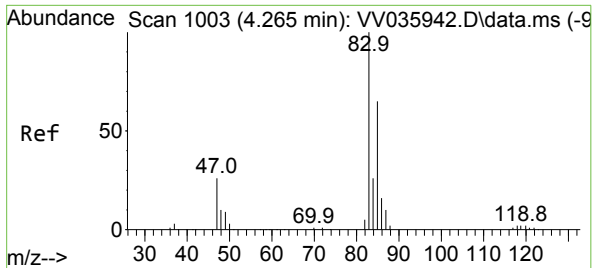
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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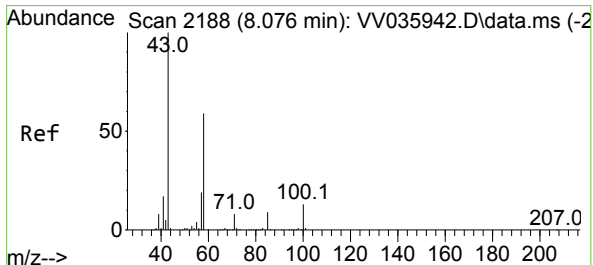
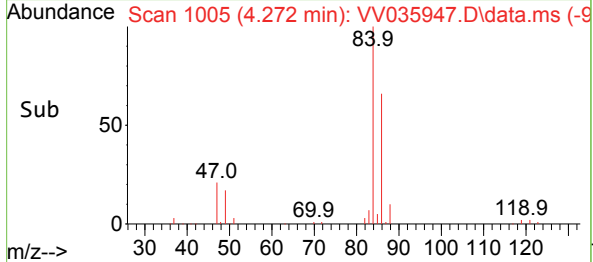
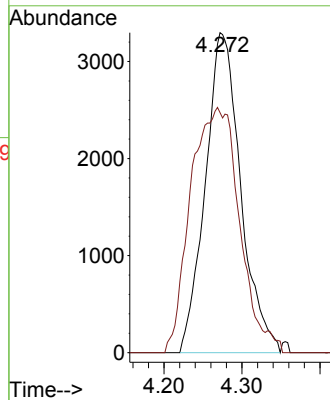
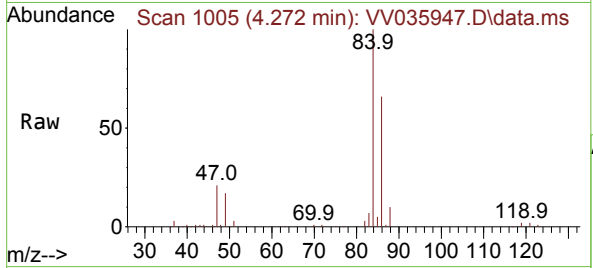




#25  
Chloroform  
Concen: 0.487 ug/L  
RT: 4.272 min Scan# 10  
Delta R.T. 0.006 min  
Lab File: VV035947.D  
Acq: 03 Jun 2024 12:03

Instrument :  
MSVOA\_V  
ClientSampleId :

Tgt Ion: 83 Resp: 10397  
Ion Ratio Lower Upper  
83 100  
85 75.0 45.2 84.0



#48  
2-Hexanone  
Concen: 1.890 ug/L  
RT: 8.030 min Scan# 2174  
Delta R.T. -0.045 min  
Lab File: VV035947.D  
Acq: 03 Jun 2024 12:03

Tgt Ion: 43 Resp: 8738  
Ion Ratio Lower Upper  
43 100  
58 37.7 45.4 68.0#  
57 42.3 15.8 23.8#  
100 3.8 9.8 14.8#

