

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071222\  
 Data File : VW023605.D  
 Acq On : 12 Jul 2022 14:57  
 Operator : SY/VA  
 Sample : N3676-05  
 Misc : 6.81g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5B04

Quant Time: Jul 13 01:34:12 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070722SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jul 13 01:31:49 2022  
 Response via : Initial Calibration

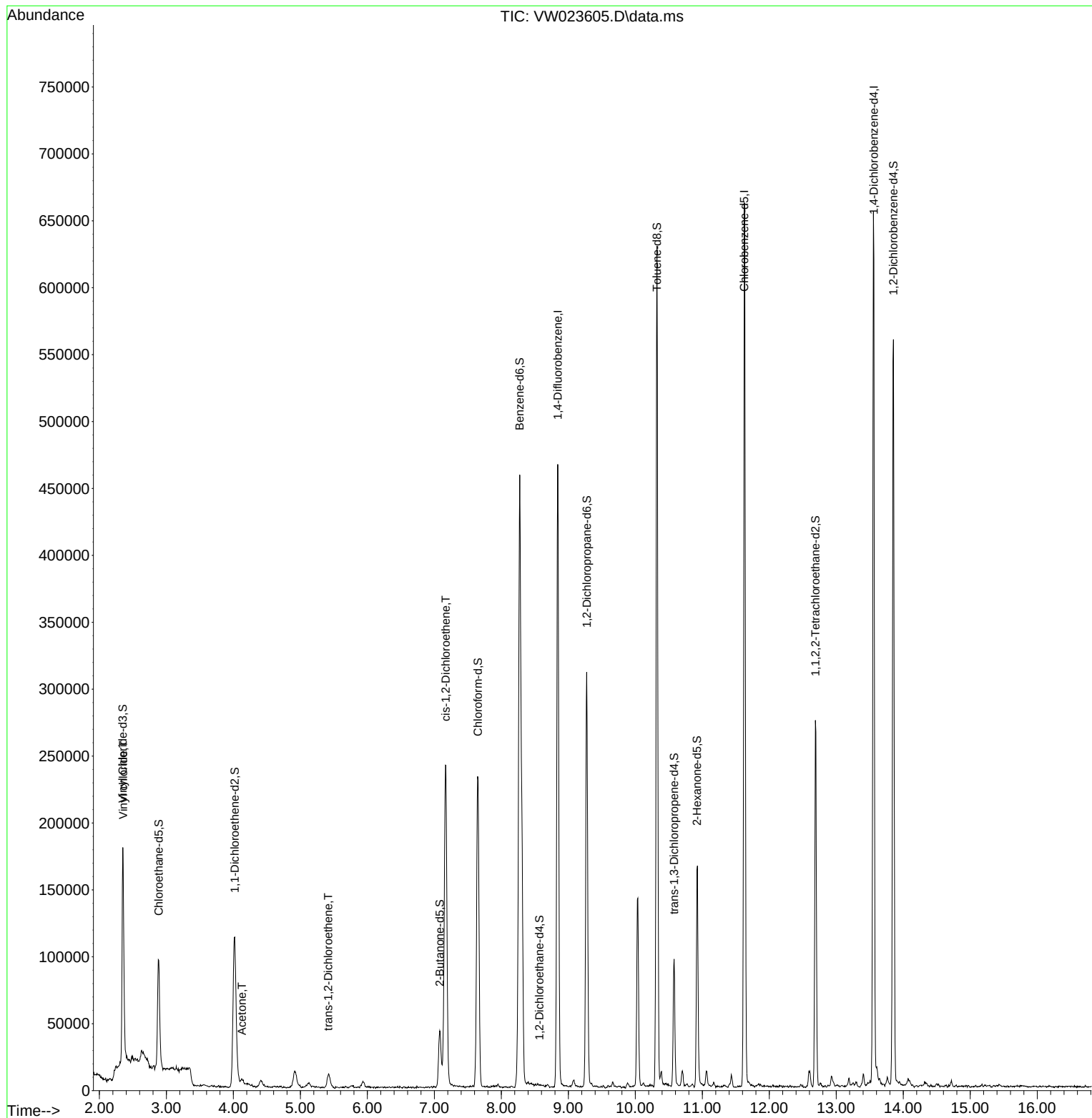
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 378178   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 351404   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 162885   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 139043   | 20.311   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 81.240%  |
| 7) Chloroethane-d5            | 2.885  | 69    | 103957   | 26.552   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 106.200% |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 118830   | 15.396   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 61.600%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 69835    | 49.124   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 98.240%  |
| 24) Chloroform-d              | 7.653  | 84    | 239043   | 22.191   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 88.760%  |
| 26) 1,2-Dichloroethane-d4     | 8.567  | 65    | 106      | 0.017    | ug/L  | 0.26     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 0.080%#  |
| 32) Benzene-d6                | 8.275  | 84    | 439863   | 22.623   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 90.480%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 134796   | 23.680   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 94.720%  |
| 41) Toluene-d8                | 10.323 | 98    | 401803   | 21.320   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 85.280%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 51040    | 20.087   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 80.360%  |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 52974    | 47.582   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 95.160%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 130590   | 23.124   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 92.480%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 140064   | 23.834   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 95.320%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 5) Vinyl chloride             | 2.355  | 62    | 48503    | 5.696    | ug/L  | 95       |
| 13) Acetone                   | 4.129  | 43    | 4574     | 4.366    | ug/L  | 94       |
| 17) trans-1,2-Dichloroethene  | 5.415  | 96    | 4565     | 0.843    | ug/L  | 93       |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96    | 137471   | 23.188   | ug/L  | 99       |
| -----                         |        |       |          |          |       |          |

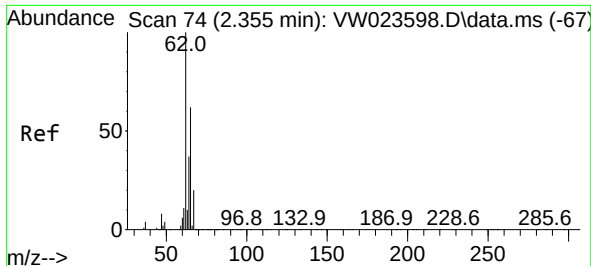
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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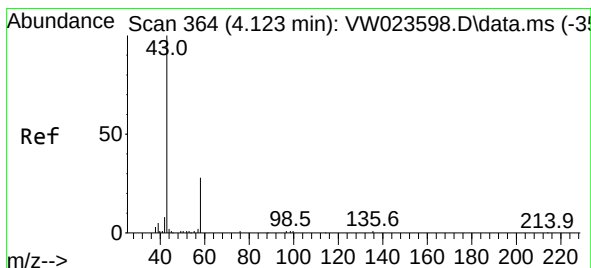
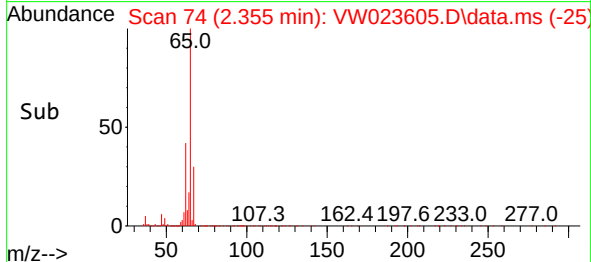
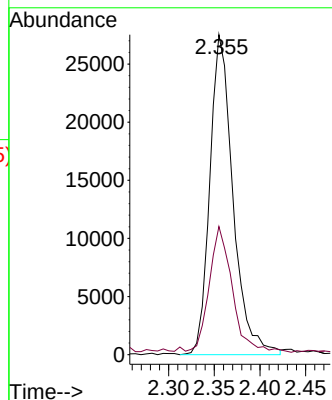
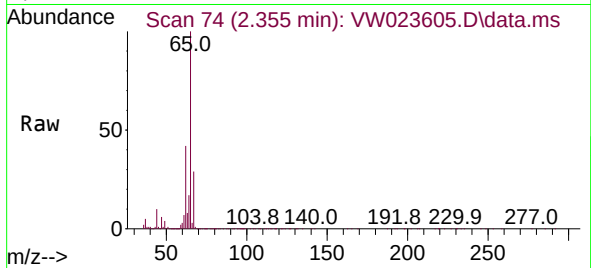




#5  
 Vinyl chloride  
 Concen: 5.696 ug/L  
 RT: 2.355 min Scan# 74  
 Delta R.T. -0.000 min  
 Lab File: VW023605.D  
 Acq: 12 Jul 2022 14:57

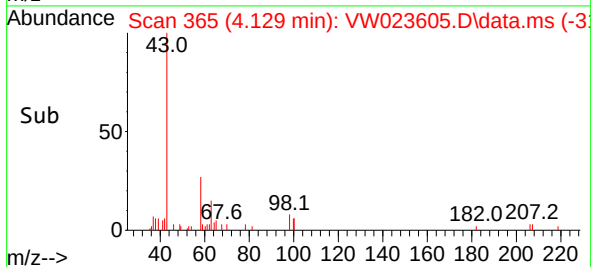
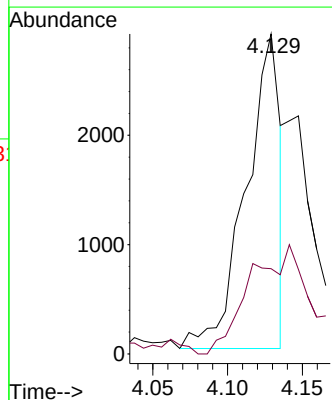
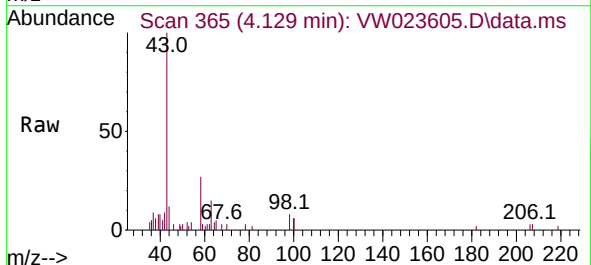
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5B04

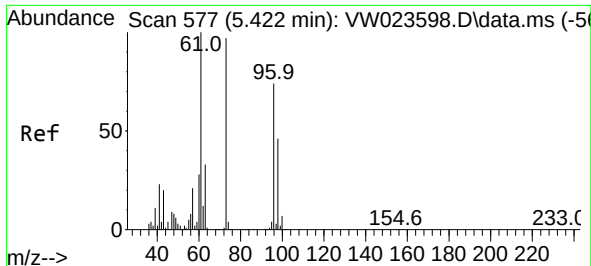
Tgt Ion: 62 Resp: 48503  
 Ion Ratio Lower Upper  
 62 100  
 64 40.0 25.8 47.8



#13  
 Acetone  
 Concen: 4.366 ug/L  
 RT: 4.129 min Scan# 365  
 Delta R.T. 0.006 min  
 Lab File: VW023605.D  
 Acq: 12 Jul 2022 14:57

Tgt Ion: 43 Resp: 4574  
 Ion Ratio Lower Upper  
 43 100  
 58 34.0 0.0 61.2

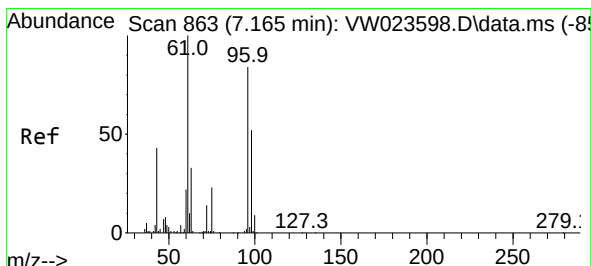
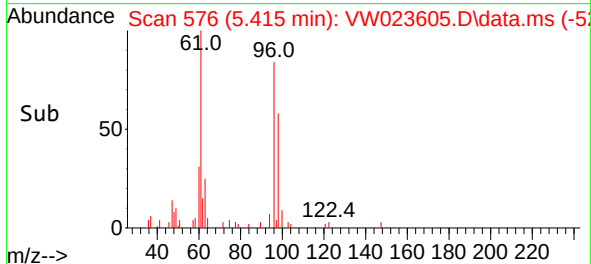
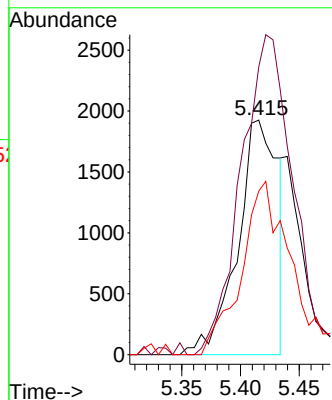
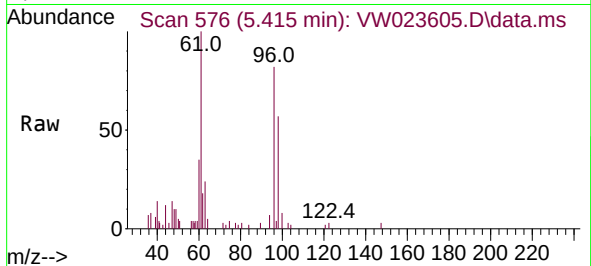




#17  
trans-1,2-Dichloroethene  
Concen: 0.843 ug/L  
RT: 5.415 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VW023605.D  
Acq: 12 Jul 2022 14:57

Instrument :  
MSVOA\_W  
ClientSampleId :  
F5B04

Tgt Ion: 96 Resp: 4565  
Ion Ratio Lower Upper  
96 100  
61 122.7 92.3 171.5  
98 69.7 45.5 84.5



#20  
cis-1,2-Dichloroethene  
Concen: 23.188 ug/L  
RT: 7.171 min Scan# 864  
Delta R.T. 0.006 min  
Lab File: VW023605.D  
Acq: 12 Jul 2022 14:57

Tgt Ion: 96 Resp: 137471  
Ion Ratio Lower Upper  
96 100  
61 119.9 83.2 154.6  
68 0.0 0.0 0.0

