

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071222\  
 Data File : VW023630.D  
 Acq On : 13 Jul 2022 02:19  
 Operator : SY/VA  
 Sample : N3678-08  
 Misc : 6.37g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5B27

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/13/2022  
 Supervised By :Mahesh Dadoda 07/13/2022

Quant Time: Jul 13 06:15:00 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070722SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jul 13 02:42:59 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 367054   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 328085   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 126124   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.343  | 65    | 134290   | 20.211   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 80.840%  |
| 7) Chloroethane-d5            | 2.873  | 69    | 96558    | 25.410   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 101.640% |
| 11) 1,1-Dichloroethene-d2     | 4.007  | 63    | 108480   | 14.481   | ug/L   | -0.01    |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 57.920%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 60483    | 43.835   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 87.680%  |
| 24) Chloroform-d              | 7.647  | 84    | 248202   | 23.740   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 94.960%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 137401m  | 23.252   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 93.000%  |
| 32) Benzene-d6                | 8.275  | 84    | 460320   | 25.358   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 101.440% |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 144021   | 27.099   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 108.400% |
| 41) Toluene-d8                | 10.323 | 98    | 407236   | 23.144   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 92.560%  |
| 43) trans-1,3-Dichloroprop... | 10.573 | 79    | 45088    | 19.006   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 76.040%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 45988    | 44.243   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 88.480%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 119906   | 22.741   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 90.960%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 120069   | 26.387   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 105.560% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 5) Vinyl chloride             | 2.355  | 62    | 22178    | 2.683    | ug/L # | 81       |
| 13) Acetone                   | 4.129  | 43    | 9046     | 8.896    | ug/L   | 94       |
| 17) trans-1,2-Dichloroethene  | 5.415  | 96    | 9763     | 1.858    | ug/L   | 90       |
| 20) cis-1,2-Dichloroethene    | 7.165  | 96    | 536304m  | 93.202   | ug/L   |          |
| -----                         |        |       |          |          |        |          |

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

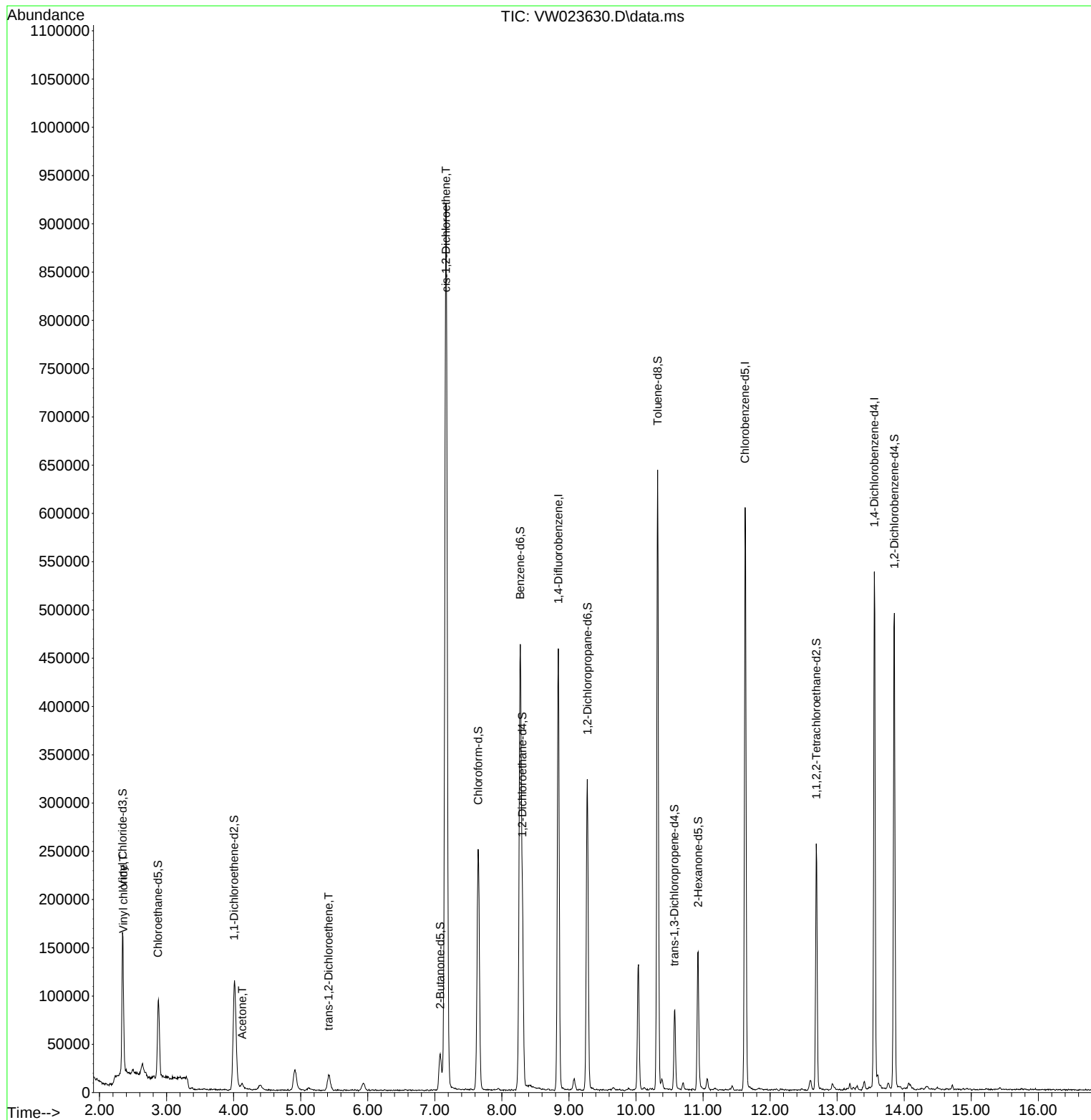
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071222\  
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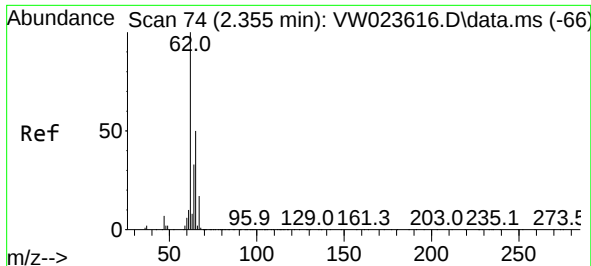
Instrument :  
MSVOA\_W  
ClientSampleId :  
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Quant Time: Jul 13 06:15:00 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070722SMA.M  
Quant Title : SFAM01.0  
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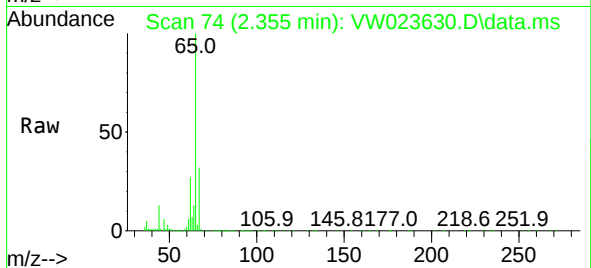
Reviewed By : Semsettin Yesilyurt 07/13/2022  
Supervised By : Mahesh Dadoda 07/13/2022





#5  
 Vinyl chloride  
 Concen: 2.683 ug/L  
 RT: 2.355 min Scan# 74  
 Delta R.T. 0.000 min  
 Lab File: VW023630.D  
 Acq: 13 Jul 2022 02:19

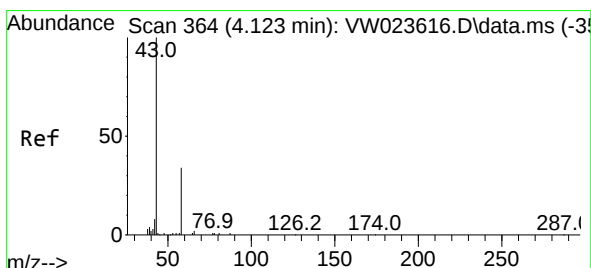
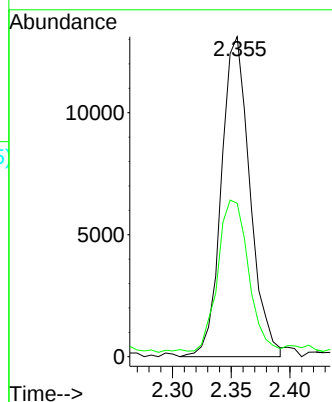
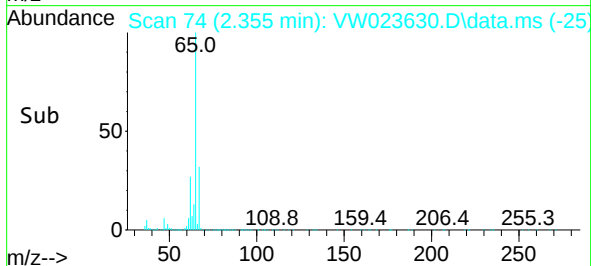
Instrument :  
 MSVOA\_W  
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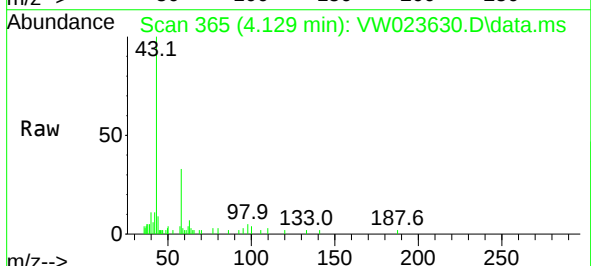
Tgt Ion: 62 Resp: 22178  
 Ion Ratio Lower Upper  
 62 100  
 64 47.9 25.8 47.8

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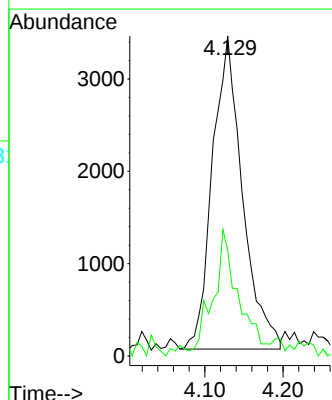
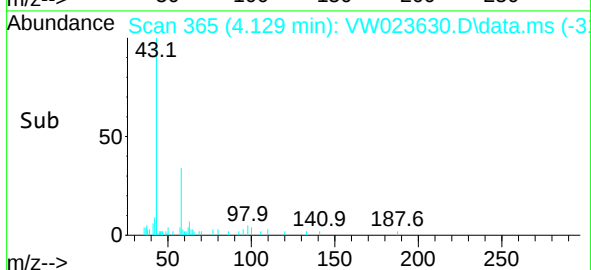
Reviewed By :Semsettin Yesilyurt 07/13/2022  
 Supervised By :Mahesh Dadoda 07/13/2022

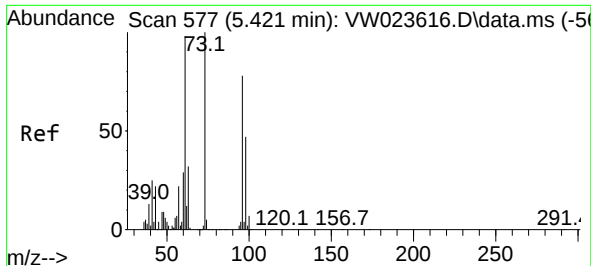


#13  
 Acetone  
 Concen: 8.896 ug/L  
 RT: 4.129 min Scan# 365  
 Delta R.T. 0.006 min  
 Lab File: VW023630.D  
 Acq: 13 Jul 2022 02:19



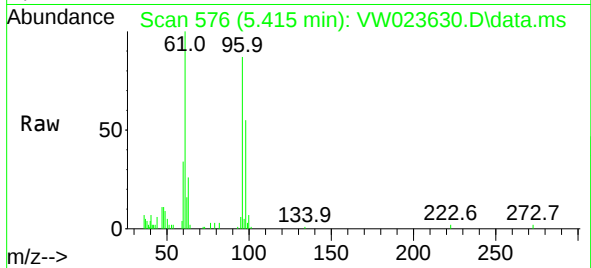
Tgt Ion: 43 Resp: 9046  
 Ion Ratio Lower Upper  
 43 100  
 58 27.1 0.0 61.2





#17  
trans-1,2-Dichloroethene  
Concen: 1.858 ug/L  
RT: 5.415 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VW023630.D  
Acq: 13 Jul 2022 02:19

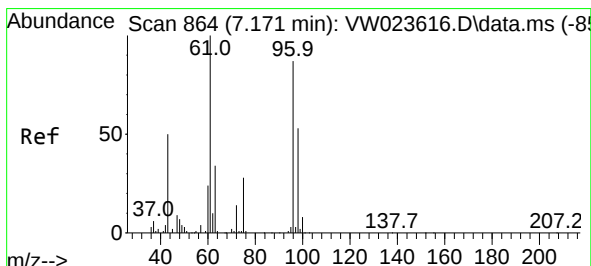
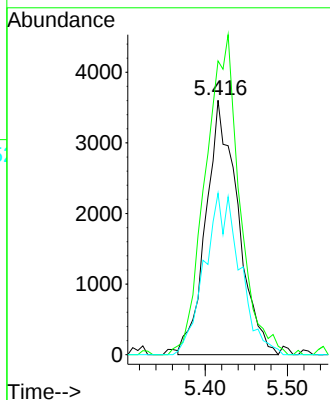
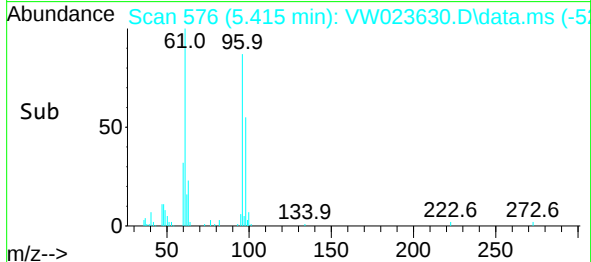
Instrument :  
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Tgt Ion: 96 Resp: 976  
Ion Ratio Lower Upper  
96 100  
61 115.5 92.3 171.5  
98 63.5 45.5 84.5

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#20  
cis-1,2-Dichloroethene  
Concen: 93.202 ug/L m  
RT: 7.165 min Scan# 863  
Delta R.T. -0.006 min  
Lab File: VW023630.D  
Acq: 13 Jul 2022 02:19

Tgt Ion: 96 Resp: 536304  
Ion Ratio Lower Upper  
96 100  
61 124.6 83.2 154.6  
68 0.0 0.0 0.0#

