

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071422\  
 Data File : VW023705.D  
 Acq On : 14 Jul 2022 17:13  
 Operator : SY/VA  
 Sample : N3679-14RE  
 Misc : 6.57g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5B54RE

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 07/18/2022  
 Supervised By :Mahesh Dadoda 07/18/2022

Quant Time: Jul 15 03:44:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jul 15 03:40:01 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 158412     | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628         | 117  | 141711     | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 57338      | 25.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 2.343          | 65   | 85262      | 21.073   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 84.280%  |        |          |
| 7) Chloroethane-d5            | 2.879          | 69   | 62178      | 23.036   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 92.160%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.007          | 63   | 43659      | 13.252   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 53.000%  |        |          |
| 21) 2-Butanone-d5             | 7.080          | 46   | 33275      | 53.022   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 106.040% |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 99600      | 21.595   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 86.400%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 61061      | 21.647   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 86.600%  |        |          |
| 32) Benzene-d6                | 8.275          | 84   | 176650     | 23.980   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 95.920%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 55255      | 24.901   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 99.600%  |        |          |
| 41) Toluene-d8                | 10.323         | 98   | 151890     | 20.328   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 81.320%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.573         | 79   | 20727      | 19.928   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 79.720%  |        |          |
| 47) 2-Hexanone-d5             | 10.927         | 63   | 23268      | 49.867   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 99.740%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688         | 84   | 54584      | 22.259   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 89.040%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 48031      | 23.466   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 93.880%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        |          |
| 5) Vinyl chloride             | 2.349          | 62   | 10928      | 2.414    | ug/L # | 57       |
| 13) Acetone                   | 4.129          | 43   | 14052      | 31.670   | ug/L   | 65       |
| 17) trans-1,2-Dichloroethene  | 5.415          | 96   | 2822m      | 1.385    | ug/L   |          |
| 42) Toluene                   | 10.390         | 91   | 24109      | 2.625    | ug/L   | 92       |
| -----                         |                |      |            |          |        |          |

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

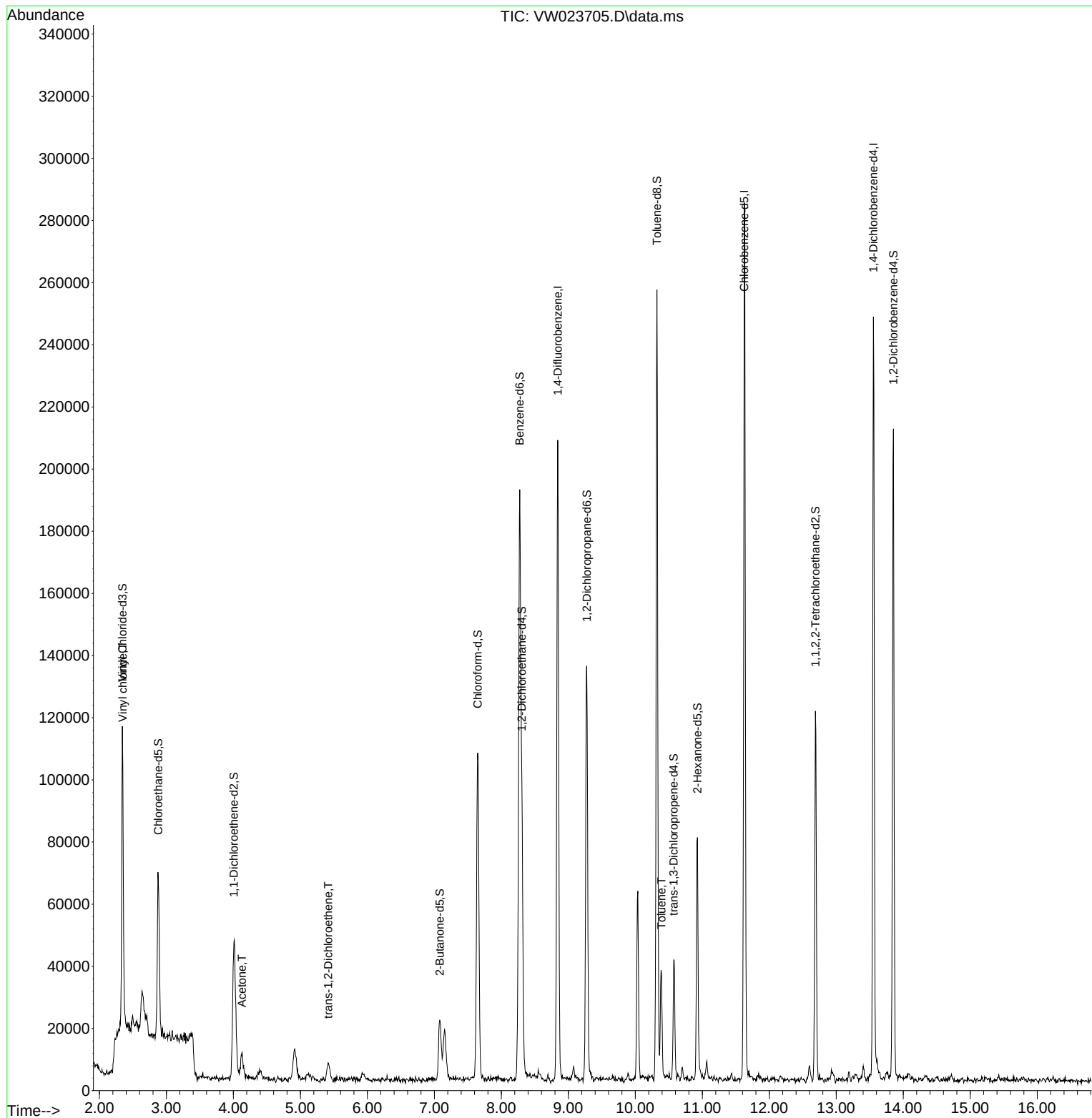
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071422\  
Data File : VW023705.D  
Acq On : 14 Jul 2022 17:13  
Operator : SY/VA  
Sample : N3679-14RE  
Misc : 6.57g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

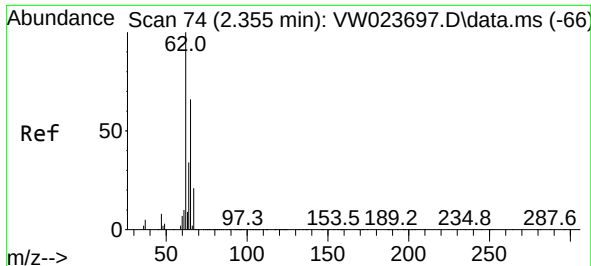
Instrument :  
MSVOA\_W  
ClientSampleId :  
F5B54RE

Quant Time: Jul 15 03:44:06 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Jul 15 03:40:01 2022  
Response via : Initial Calibration

Manual Integrations  
APPROVED

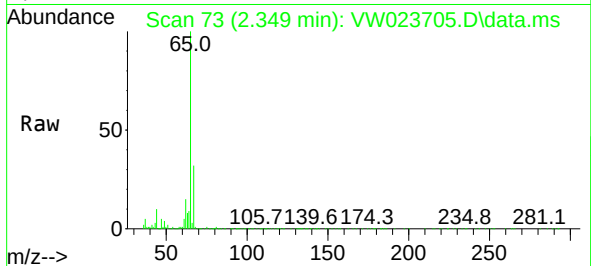
Reviewed By :Krupa Patel 07/18/2022  
Supervised By :Mahesh Dadoda 07/18/2022





#5  
 Vinyl chloride  
 Concen: 2.414 ug/L  
 RT: 2.349 min Scan# 71  
 Delta R.T. -0.006 min  
 Lab File: VW023705.D  
 Acq: 14 Jul 2022 17:13

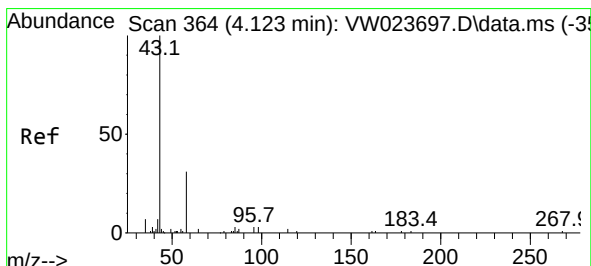
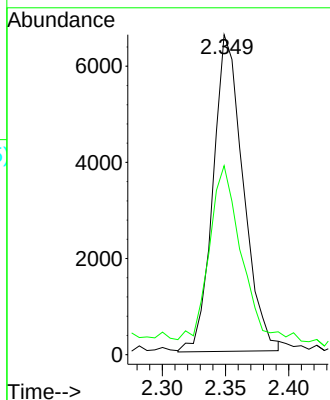
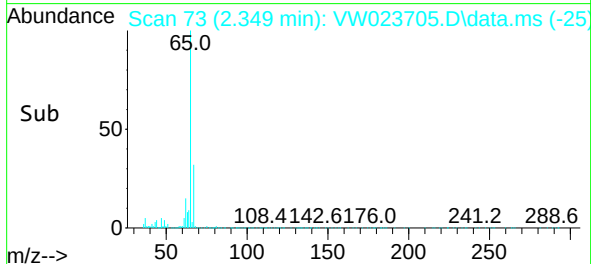
Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5B54RE



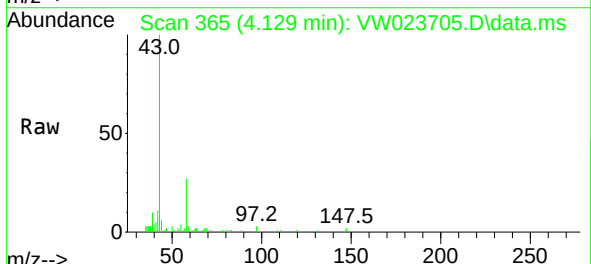
Tgt Ion: 62 Resp: 10928  
 Ion Ratio Lower Upper  
 62 100  
 64 59.1 24.0 44.6

Manual Integrations  
 APPROVED

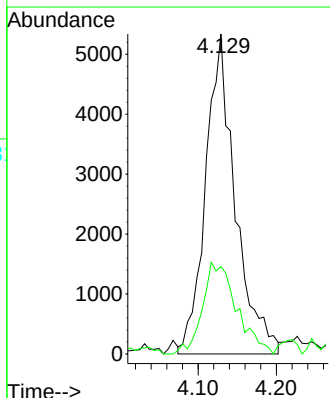
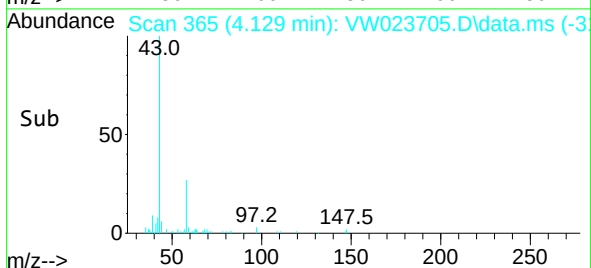
Reviewed By :Krupa Patel 07/18/2022  
 Supervised By :Mahesh Dadoda 07/18/2022

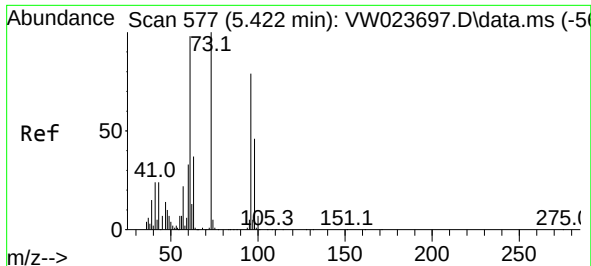


#13  
 Acetone  
 Concen: 31.670 ug/L  
 RT: 4.129 min Scan# 365  
 Delta R.T. 0.006 min  
 Lab File: VW023705.D  
 Acq: 14 Jul 2022 17:13



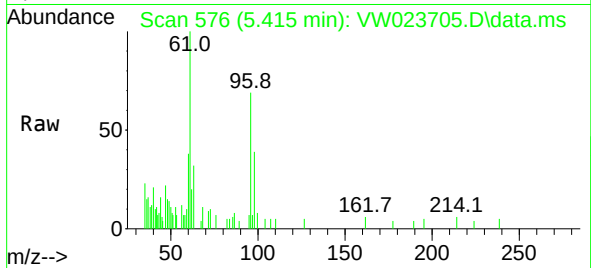
Tgt Ion: 43 Resp: 14052  
 Ion Ratio Lower Upper  
 43 100  
 58 12.7 0.0 64.2





#17  
trans-1,2-Dichloroethene  
Concen: 1.385 ug/L m  
RT: 5.415 min Scan# 51  
Delta R.T. -0.006 min  
Lab File: VW023705.D  
Acq: 14 Jul 2022 17:13

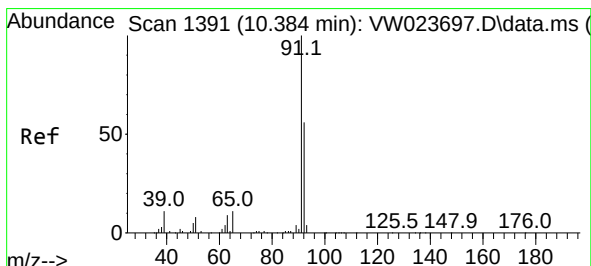
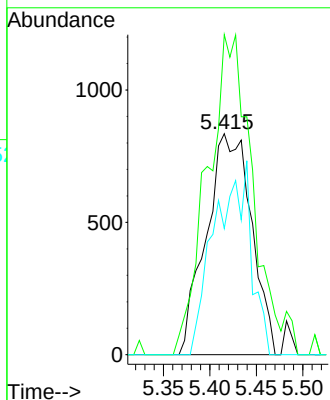
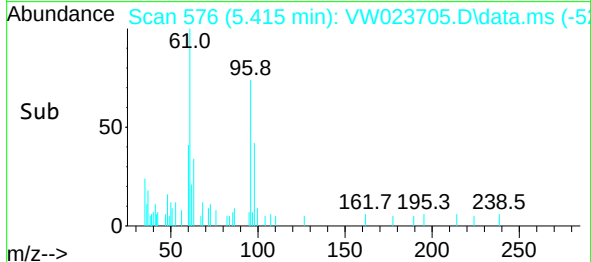
Instrument :  
MSVOA\_W  
ClientSampleId :  
F5B54RE



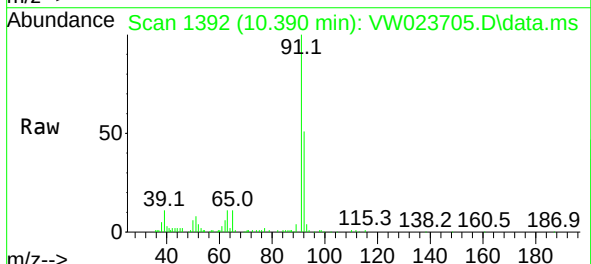
Tgt Ion: 96 Resp: 282  
Ion Ratio Lower Upper  
96 100  
61 144.8 90.8 168.6  
98 57.1 42.8 79.6

Manual Integrations  
APPROVED

Reviewed By :Krupa Patel 07/18/2022  
Supervised By :Mahesh Dadoda 07/18/2022



#42  
Toluene  
Concen: 2.625 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.006 min  
Lab File: VW023705.D  
Acq: 14 Jul 2022 17:13



Tgt Ion: 91 Resp: 24109  
Ion Ratio Lower Upper  
91 100  
92 50.9 39.9 74.1

