

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042221\  
 Data File : VW018744.D  
 Acq On : 22 Apr 2021 18:42  
 Operator : SY/VA  
 Sample : M2121-10  
 Misc : 5.20G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 BG508

Manual Integrations  
 APPROVED

MMDadoda  
 4/26/2021 5:29:32 PM

Quant Time: Apr 23 02:04:38 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM041421SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Apr 23 01:53:36 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 586883     | 25.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628         | 117  | 522739     | 25.00   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 247884     | 25.00   | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 109384     | 12.26   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 49.04%  |        |          |
| 7) Chloroethane-d5            | 2.892          | 69   | 105492     | 13.35   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 53.40%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.019          | 63   | 148869     | 9.61    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 38.44%# |        |          |
| 21) 2-Butanone-d5             | 7.080          | 46   | 100457     | 49.48   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 98.96%  |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 332938     | 20.67   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 82.68%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 191237     | 21.12   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 84.48%  |        |          |
| 32) Benzene-d6                | 8.275          | 84   | 564315     | 18.40   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 73.60%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.275          | 67   | 197799     | 21.40   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 85.60%  |        |          |
| 41) Toluene-d8                | 10.323         | 98   | 469242     | 16.73   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 66.92%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 71626      | 18.21   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 72.84%  |        |          |
| 47) 2-Hexanone-d5             | 10.921         | 63   | 84864      | 52.81   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 105.62% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695         | 84   | 183815     | 23.82   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 95.28%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 196995     | 22.62   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 90.48%  |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         | Qvalue |          |
| 13) Acetone                   | 4.135          | 43   | 7107m      | 4.82    | ug/L   |          |
| 14) Carbon disulfide          | 4.385          | 76   | 33183      | 1.45    | ug/L   | 98       |
| 16) Methylene chloride        | 4.916          | 84   | 20861      | 2.17    | ug/L   | 92       |
| -----                         |                |      |            |         |        |          |

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

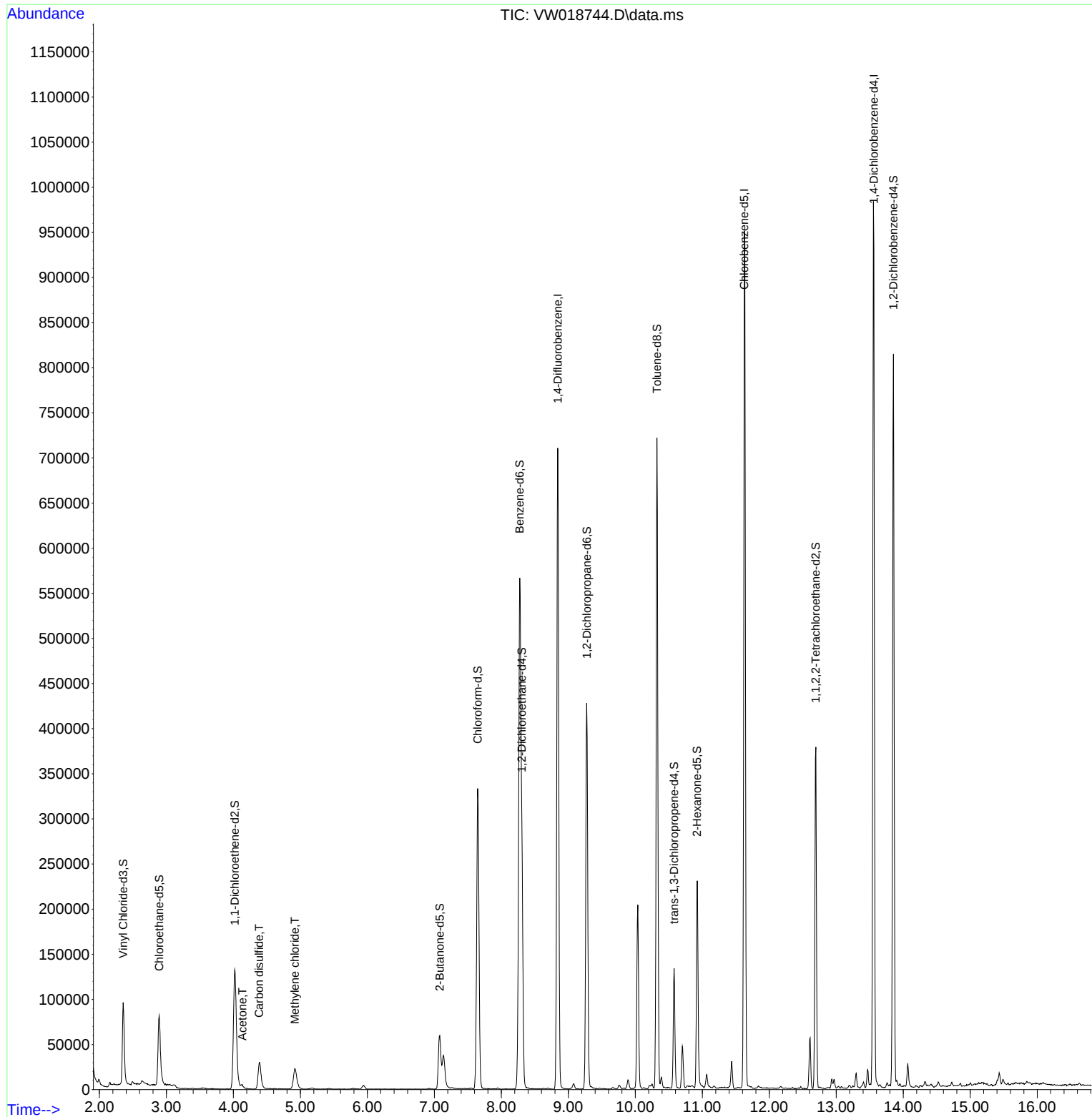
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042221\  
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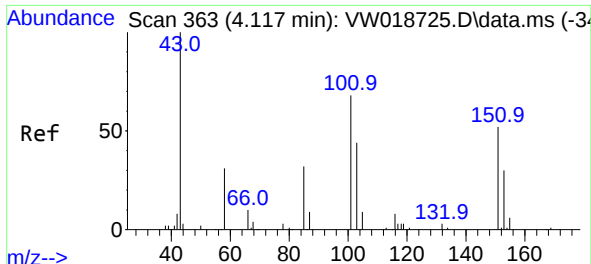
Instrument :  
MSVOA\_W  
ClientSampleId :  
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Quant Time: Apr 23 02:04:38 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM041421SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Apr 23 01:53:36 2021  
Response via : Initial Calibration





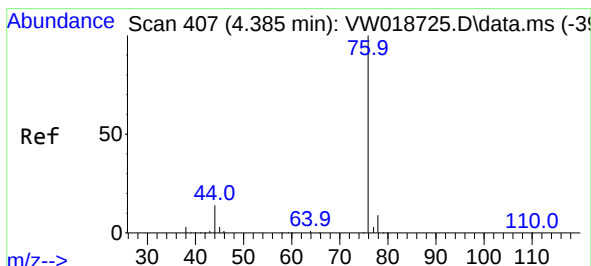
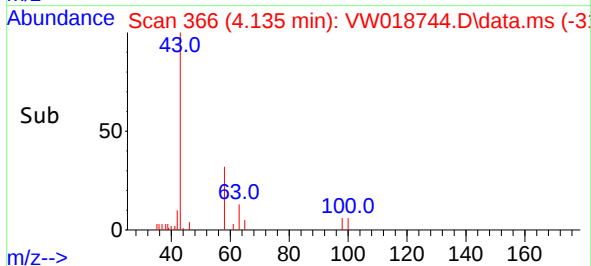
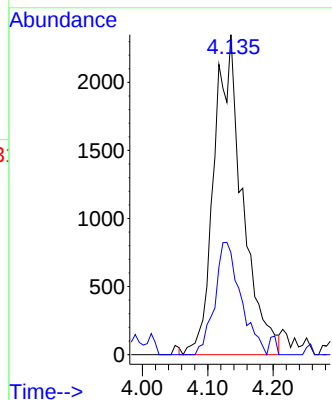
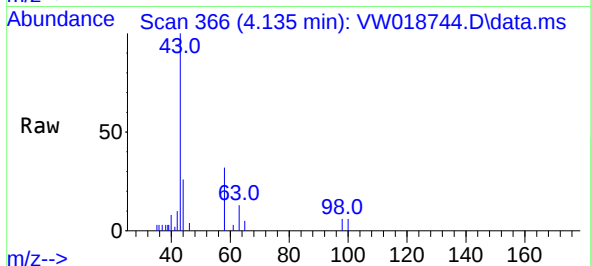
#13  
Acetone  
Concen: 4.82 ug/L m  
RT: 4.135 min Scan# 366  
Delta R.T. 0.019 min  
Lab File: VW018744.D  
Acq: 22 Apr 2021 18:42

Tgt Ion: 43 Resp: 7107  
Ion Ratio Lower Upper  
43 100  
58 0.7 0.0 53.8

Instrument :  
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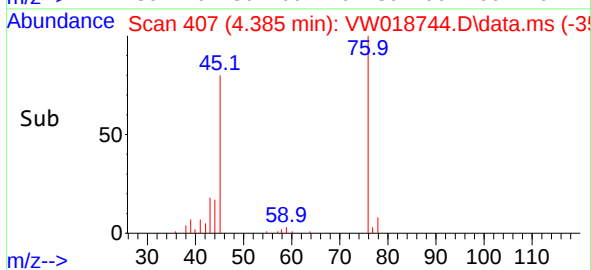
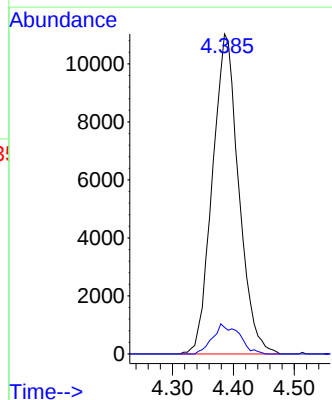
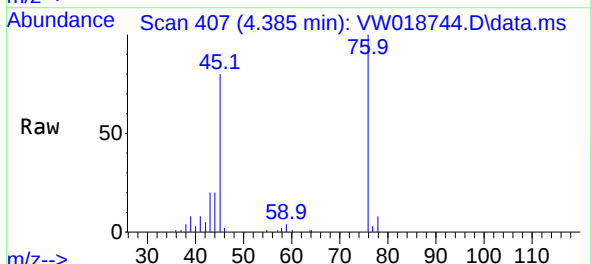
Manual Integrations  
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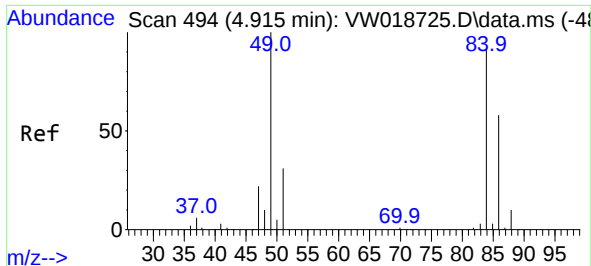
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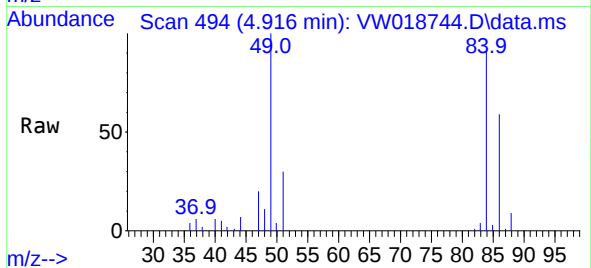
#14  
Carbon disulfide  
Concen: 1.45 ug/L  
RT: 4.385 min Scan# 407  
Delta R.T. 0.000 min  
Lab File: VW018744.D  
Acq: 22 Apr 2021 18:42

Tgt Ion: 76 Resp: 33183  
Ion Ratio Lower Upper  
76 100  
78 8.3 7.4 11.0

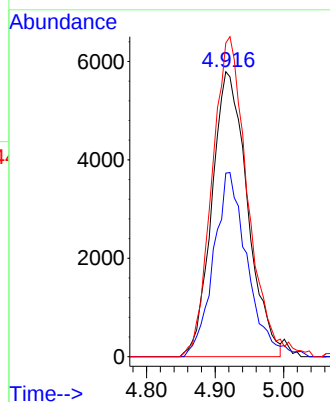
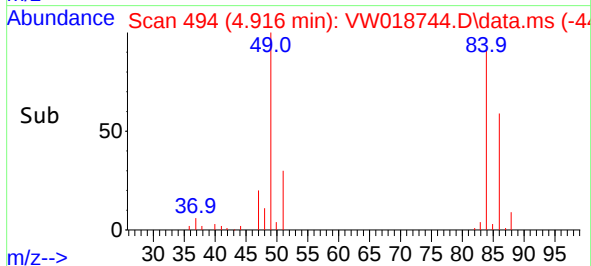




#16  
Methylene chloride  
Concen: 2.17 ug/L  
RT: 4.916 min Scan# 494  
Delta R.T. 0.000 min  
Lab File: VW018744.D  
Acq: 22 Apr 2021 18:42



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 84    | Resp: | 20861 |
| Ion      | Ratio | Lower | Upper |
| 84       | 100   |       |       |
| 86       | 64.4  | 45.3  | 84.1  |
| 49       | 110.1 | 86.6  | 160.8 |



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