

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040221\  
 Data File : VW018547.D  
 Acq On : 02 Apr 2021 13:40  
 Operator : SY/VA  
 Sample : M1881-04  
 Misc : 6.35G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 ESQG0

Manual Integrations  
 APPROVED

MMDadoda  
 4/6/2021 3:09:16 PM

Quant Time: Apr 02 23:45:48 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 02 23:44:48 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 468187     | 25.00   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628         | 117  | 382636     | 25.00   | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 159087     | 25.00   | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.349          | 65   | 158404     | 24.31   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 97.24%  |        |          |
| 7) Chloroethane-d5            | 2.885          | 69   | 121395     | 21.29   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 85.16%  |        |          |
| 10) 1,1-Dichloroethene-d2     | 4.013          | 63   | 174135     | 15.48   | ug/L   | -0.01    |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 61.92%  |        |          |
| 20) 2-Butanone-d5             | 7.074          | 46   | 30708      | 21.17   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 42.34%  |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 204998     | 17.19   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 68.76%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 102373     | 14.71   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 58.84%# |        |          |
| 29) Benzene-d6                | 8.275          | 84   | 425093     | 20.90   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 83.60%  |        |          |
| 33) 1,2-Dichloropropane-d6    | 9.274          | 67   | 111590     | 19.02   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 76.08%  |        |          |
| 37) Toluene-d8                | 10.323         | 98   | 405617     | 20.71   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 82.84%  |        |          |
| 38) trans-1,3-Dichloroprop... | 10.579         | 79   | 38114      | 12.60   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 50.40%  |        |          |
| 39) 2-Hexanone-d5             | 10.927         | 63   | 23251      | 20.25   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 40.50%  |        |          |
| 48) 1,1,2,2-Tetrachloroeth... | 12.695         | 84   | 66072      | 12.59   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 50.36%  |        |          |
| 61) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 95945      | 16.96   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 67.84%# |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         | Qvalue |          |
| 13) Acetone                   | 4.129          | 43   | 2484m      | 2.38    | ug/L   |          |
| 16) Methylene chloride        | 4.915          | 84   | 11940m     | 1.55    | ug/L   |          |
| 44) Toluene                   | 10.390         | 91   | 6120       | 0.24    | ug/L   | 93       |
| -----                         |                |      |            |         |        |          |

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

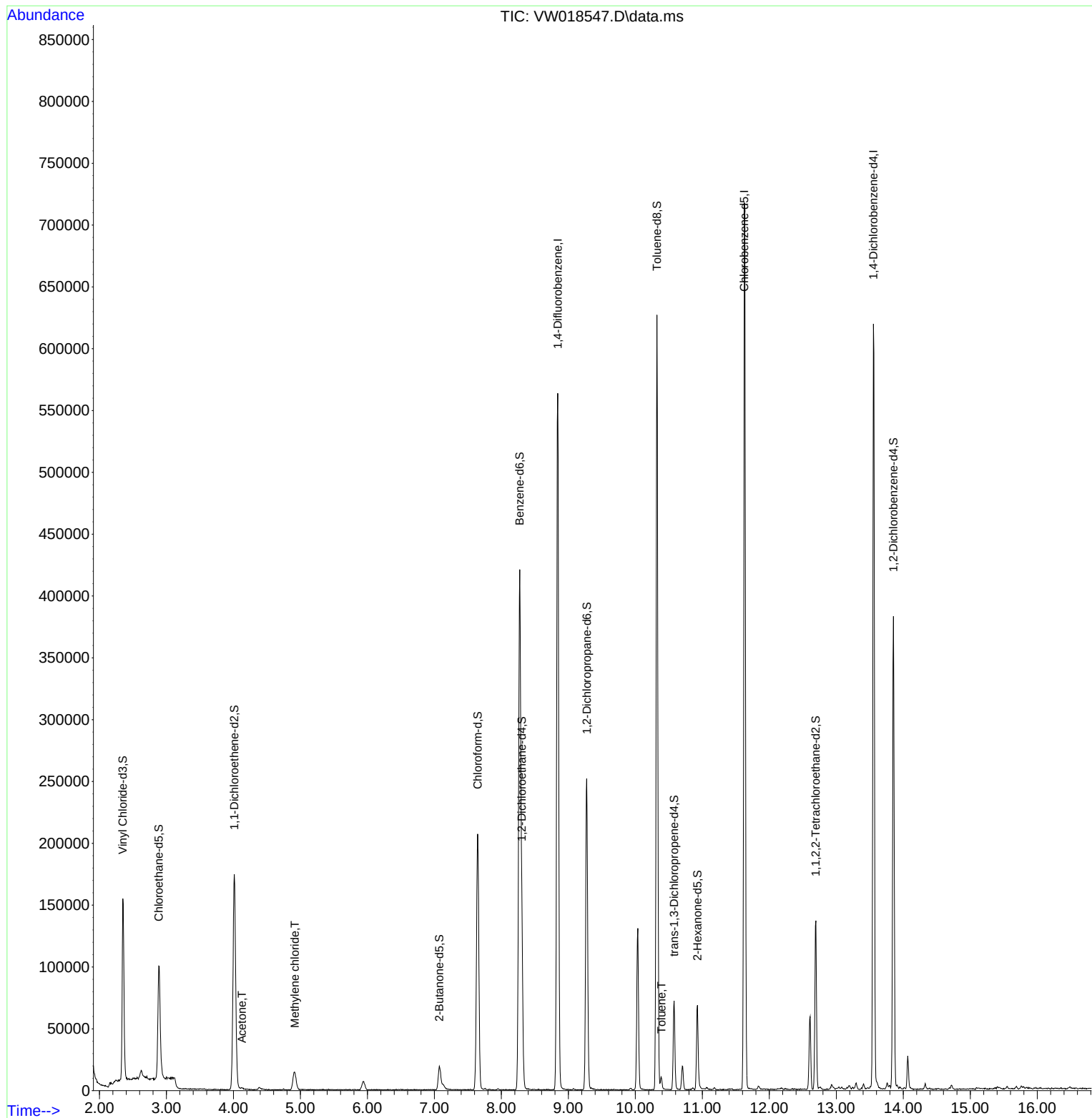
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW040221\  
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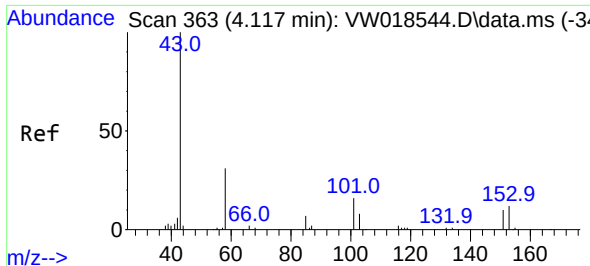
Instrument :  
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Quant Time: Apr 02 23:45:48 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SOM2WLM031921S.M  
Quant Title : VOC Analysis  
QLast Update : Fri Apr 02 23:44:48 2021  
Response via : Initial Calibration





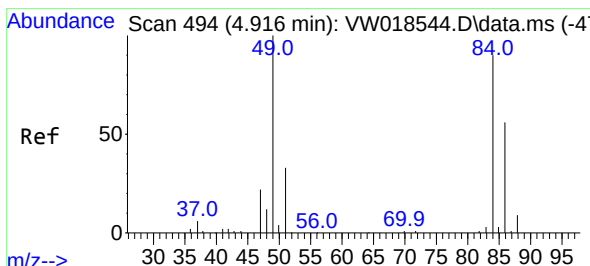
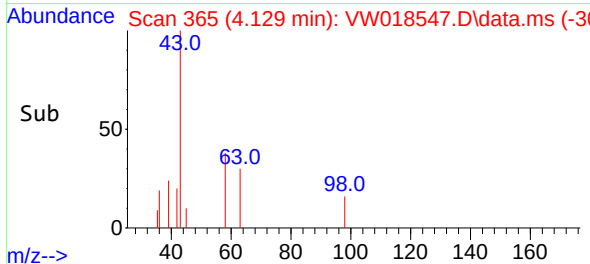
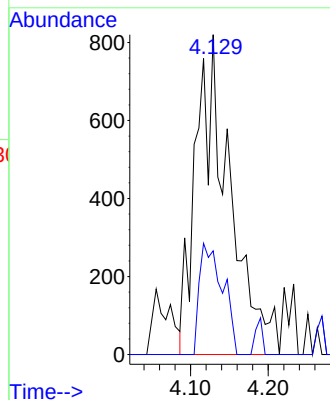
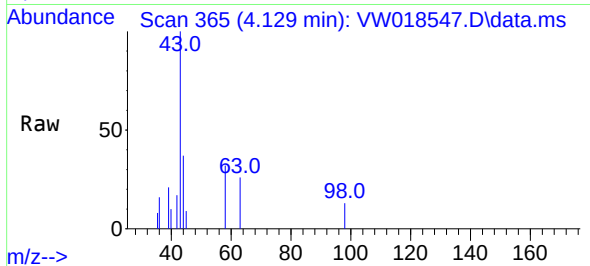
#13  
Acetone  
Concen: 2.38 ug/L m  
RT: 4.129 min Scan# 365  
Delta R.T. 0.012 min  
Lab File: VW018547.D  
Acq: 02 Apr 2021 13:40

Tgt Ion: 43 Resp: 2484  
Ion Ratio Lower Upper  
43 100  
58 19.6 0.0 62.2

Instrument :  
MSVOA\_W  
ClientSampleId :  
ESQG0

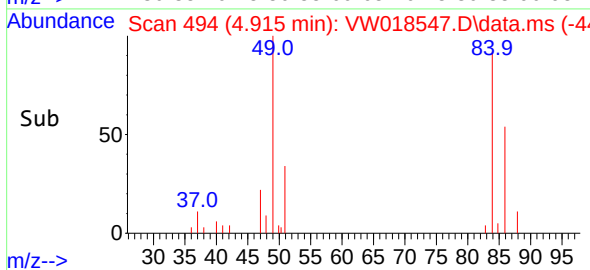
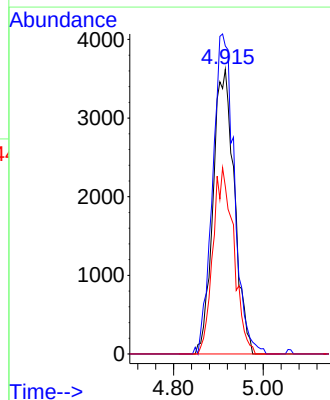
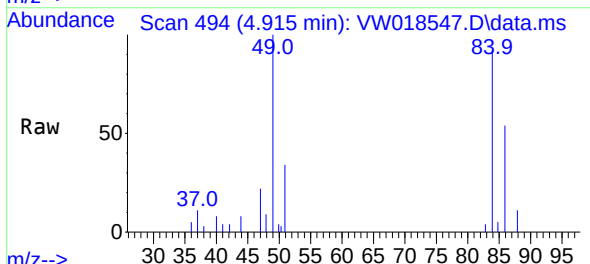
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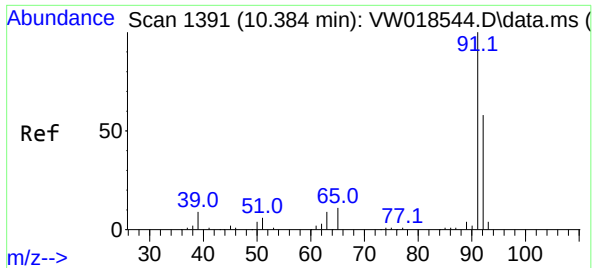
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#16  
Methylene chloride  
Concen: 1.55 ug/L m  
RT: 4.915 min Scan# 494  
Delta R.T. -0.000 min  
Lab File: VW018547.D  
Acq: 02 Apr 2021 13:40

Tgt Ion: 84 Resp: 11940  
Ion Ratio Lower Upper  
84 100  
49 108.2 74.4 138.2  
86 58.8 46.1 85.7





#44  
Toluene  
Concen: 0.24 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. 0.006 min  
Lab File: VW018547.D  
Acq: 02 Apr 2021 13:40

Tgt Ion: 91 Resp: 6120  
Ion Ratio Lower Upper  
91 100  
92 54.9 42.3 78.5

Instrument :  
MSVOA\_W  
ClientSampled :  
ESQG0

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