

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW102321\  
 Data File : VW023011.D  
 Acq On : 23 Oct 2021 15:47  
 Operator : SY/MD  
 Sample : M4277-05  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BFGB1

Manual Integrations  
 APPROVED

Reviewed By :John  
 Carlone

10/25/2021  
 Supervised By :Mahesh  
 Dadoda

Quant Time: Oct 25 01:07:14 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102221WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Oct 25 01:03:32 2021  
 Response via : Initial Calibration

| Compound                      |        | R.T.   | QIon     | Response | Conc   | Units     | Dev(Min) | D  |
|-------------------------------|--------|--------|----------|----------|--------|-----------|----------|----|
| -----                         |        |        |          |          |        |           |          | 10 |
| Internal Standards            |        |        |          |          |        |           |          |    |
| 1) 1,4-Difluorobenzene        |        | 5.619  | 114      | 119421   | 5.000  | ug/L      | 0.00     |    |
| 28) Chlorobenzene-d5          |        | 8.854  | 117      | 125516   | 5.000  | ug/L      | 0.00     |    |
| 58) 1,4-Dichlorobenzene-d4    |        | 11.249 | 152      | 51551    | 5.000  | ug/L      | 0.00     |    |
| System Monitoring Compounds   |        |        |          |          |        |           |          |    |
| 4) Vinyl Chloride-d3          |        | 1.304  | 65       | 55231    | 5.293  | ug/L      | 0.00     |    |
| Spiked Amount                 | 5.000  | Range  | 40 - 130 | Recovery | =      | 105.800%  |          |    |
| 7) Chloroethane-d5            |        | 1.568  | 69       | 34054    | 5.276  | ug/L      | 0.00     |    |
| Spiked Amount                 | 5.000  | Range  | 65 - 130 | Recovery | =      | 105.600%  |          |    |
| 11) 1,1-Dichloroethene-d2     |        | 2.105  | 63       | 67439    | 4.480  | ug/L      | 0.00     |    |
| Spiked Amount                 | 5.000  | Range  | 60 - 125 | Recovery | =      | 89.600%   |          |    |
| 20) 2-Butanone-d5             |        | 3.902  | 46       | 109441   | 65.378 | ug/L      | -0.04    |    |
| Spiked Amount                 | 50.000 | Range  | 40 - 130 | Recovery | =      | 130.760%# |          |    |
| 24) Chloroform-d              |        | 4.349  | 84       | 95434    | 5.626  | ug/L      | 0.00     |    |
| Spiked Amount                 | 5.000  | Range  | 70 - 125 | Recovery | =      | 112.600%  |          |    |
| 26) 1,2-Dichloroethane-d4     |        | 5.034  | 65       | 44497    | 5.564  | ug/L      | 0.00     |    |
| Spiked Amount                 | 5.000  | Range  | 70 - 130 | Recovery | =      | 111.200%  |          |    |
| 32) Benzene-d6                |        | 5.050  | 84       | 188764   | 5.151  | ug/L      | 0.00     |    |
| Spiked Amount                 | 5.000  | Range  | 70 - 125 | Recovery | =      | 103.000%  |          |    |
| 36) 1,2-Dichloropropane-d6    |        | 6.069  | 67       | 59062    | 5.236  | ug/L      | -0.02    |    |
| Spiked Amount                 | 5.000  | Range  | 60 - 140 | Recovery | =      | 104.800%  |          |    |
| 41) Toluene-d8                |        | 7.317  | 98       | 152576   | 4.635  | ug/L      | 0.00     |    |
| Spiked Amount                 | 5.000  | Range  | 70 - 130 | Recovery | =      | 92.800%   |          |    |
| 43) trans-1,3-Dichloroprop... |        | 7.625  | 79       | 18611    | 4.709  | ug/L      | 0.00     |    |
| Spiked Amount                 | 5.000  | Range  | 55 - 130 | Recovery | =      | 94.200%   |          |    |
| 46) 2-Hexanone-d5             |        | 8.092  | 63       | 76907    | 52.556 | ug/L      | -0.01    |    |
| Spiked Amount                 | 50.000 | Range  | 45 - 130 | Recovery | =      | 105.120%  |          |    |
| 56) 1,1,2,2-Tetrachloroeth... |        | 10.217 | 84       | 40982    | 5.261  | ug/L      | 0.00     |    |
| Spiked Amount                 | 5.000  | Range  | 65 - 120 | Recovery | =      | 105.200%  |          |    |
| 66) 1,2-Dichlorobenzene-d4    |        | 11.625 | 152      | 56382    | 6.130  | ug/L      | 0.00     |    |
| Spiked Amount                 | 5.000  | Range  | 80 - 120 | Recovery | =      | 122.600%# |          |    |
| Target Compounds              |        |        |          |          |        |           |          |    |
|                               |        |        |          |          |        |           | Qvalue   |    |
| 13) Acetone                   |        | 2.198  | 43       | 5768m    | 7.023  | ug/L      |          |    |
| 25) Chloroform                |        | 4.384  | 83       | 7022     | 0.443  | ug/L      |          | 98 |
| 42) Toluene                   |        | 7.391  | 91       | 217910   | 6.366  | ug/L      |          | 99 |
| -----                         |        |        |          |          |        |           |          |    |

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

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Sample : M4277-05  
Misc : 25.0mL/MSVOA\_V/WATER  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFGB1

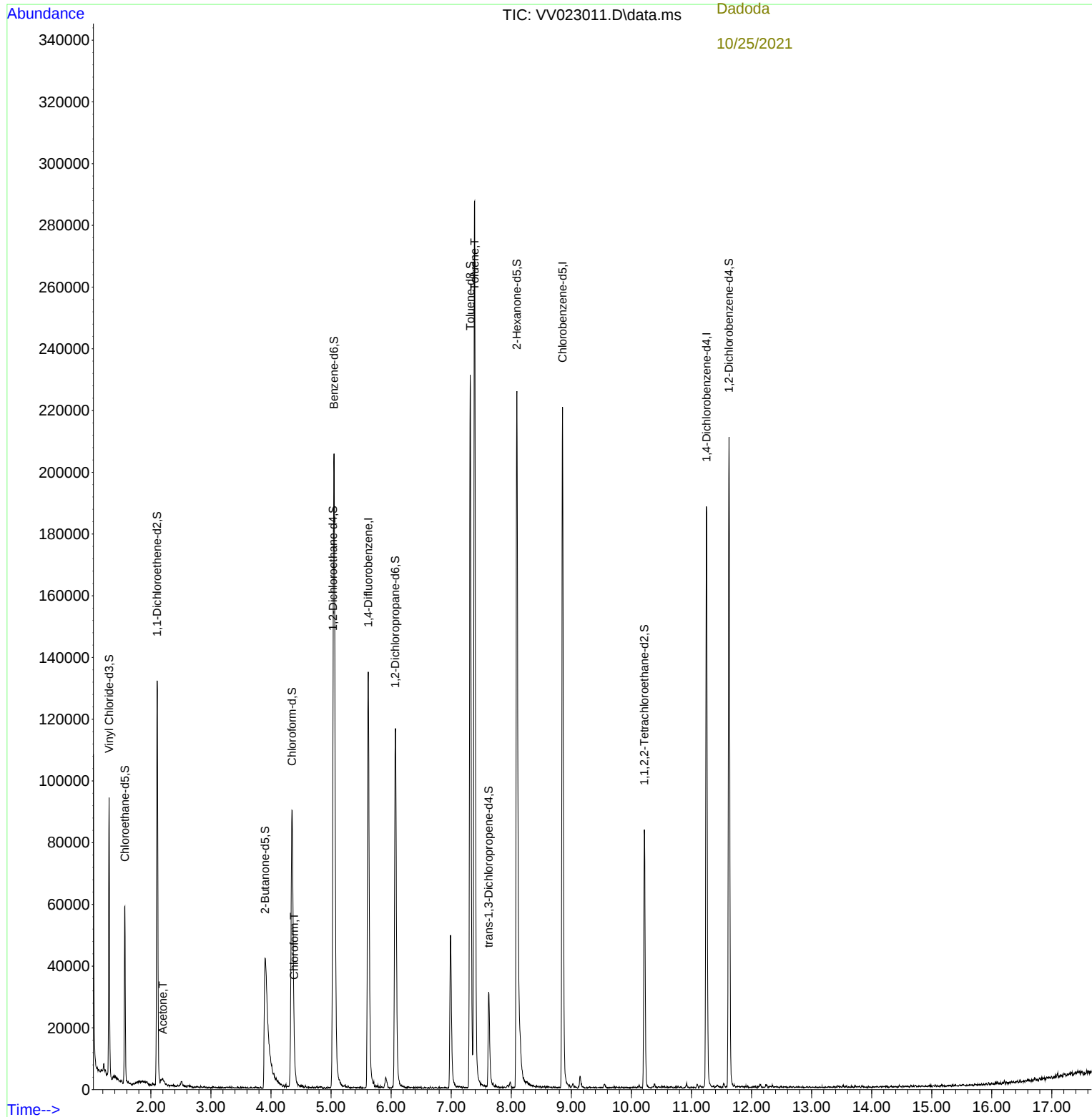
Manual Integrations  
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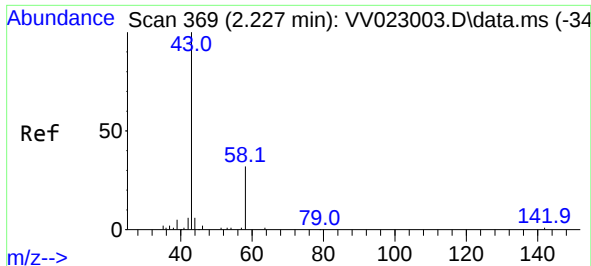
Reviewed By :John  
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Dadoda

10/25/2021

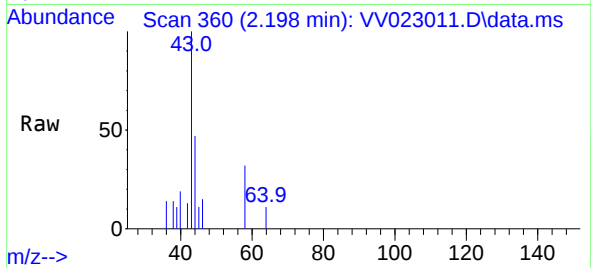
Quant Time: Oct 25 01:07:14 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR102221WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Mon Oct 25 01:03:32 2021  
Response via : Initial Calibration





#13  
Acetone  
Concen: 7.023 ug/L m  
RT: 2.198 min Scan# 30  
Delta R.T. -0.029 min  
Lab File: VV023011.D  
Acq: 23 Oct 2021 15:47

Instrument :  
MSVOA\_V  
ClientSampleId :  
BFGB1



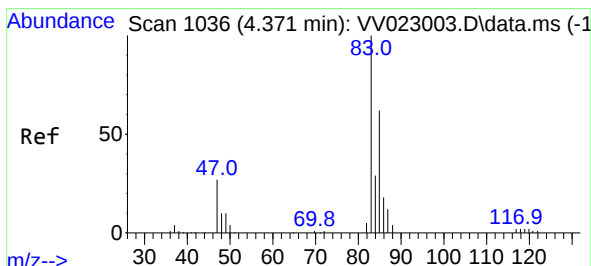
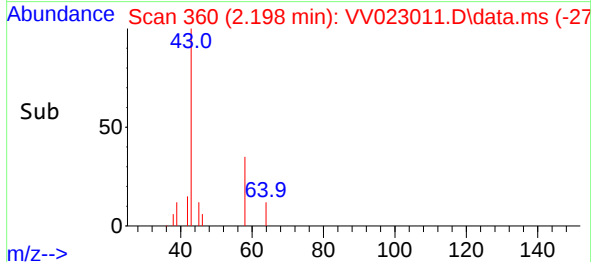
Tgt Ion: 43 Resp: 576  
Ion Ratio Lower Upper  
43 100  
58 14.4 0.0 55.4

Manual Integrations  
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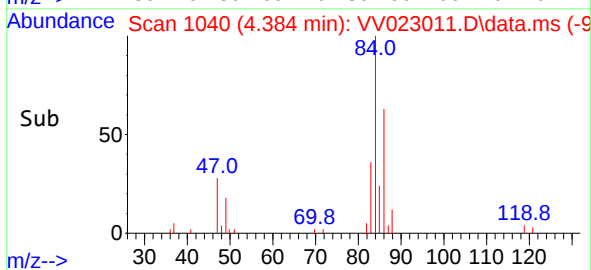
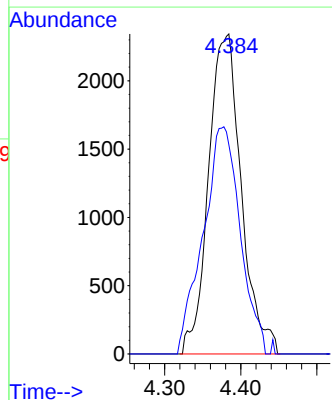
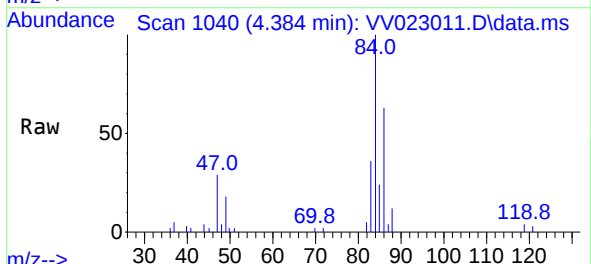
10/25/2021  
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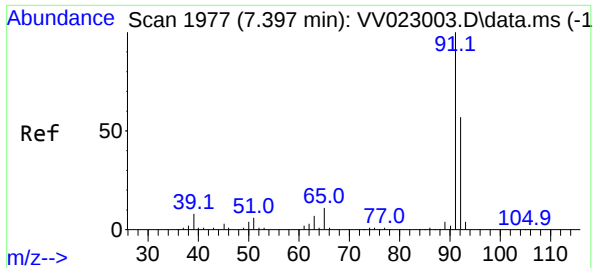
10/25/2021



#25  
Chloroform  
Concen: 0.443 ug/L  
RT: 4.384 min Scan# 1040  
Delta R.T. 0.013 min  
Lab File: VV023011.D  
Acq: 23 Oct 2021 15:47

Tgt Ion: 83 Resp: 7022  
Ion Ratio Lower Upper  
83 100  
85 65.4 46.8 86.8





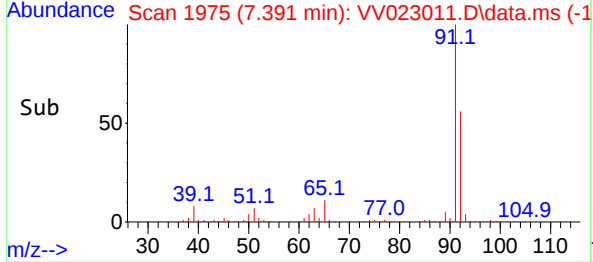
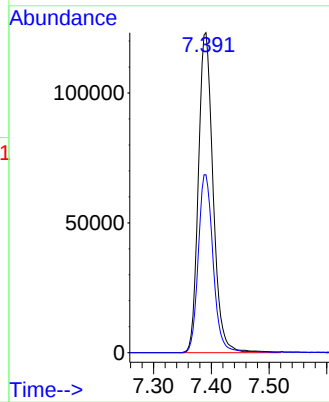
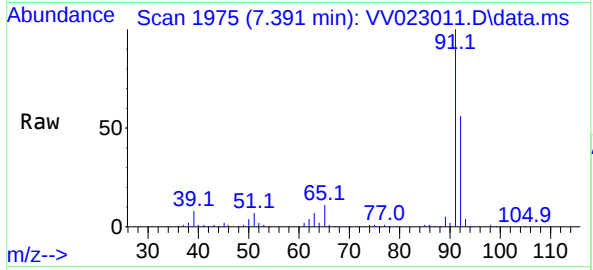
#42  
Toluene  
Concen: 6.366 ug/L  
RT: 7.391 min Scan# 1975  
Delta R.T. -0.006 min  
Lab File: VV023011.D  
Acq: 23 Oct 2021 15:47

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Tgt Ion: 91 Resp: 217910  
Ion Ratio Lower Upper  
91 100  
92 55.6 39.3 72.9

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