

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW080521\  
 Data File : VW019684.D  
 Acq On : 05 Aug 2021 15:38  
 Operator : SY/VA  
 Sample : M3264-05  
 Misc : 6.55g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GB644

Manual Integrations  
 APPROVED

MMDadoda  
 8/6/2021 3:55:15 PM

Quant Time: Aug 06 01:39:58 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Aug 06 01:35:48 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.841          | 114  | 493023     | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 482045     | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 233703     | 25.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361          | 65   | 150706     | 21.574   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 86.280%  |        |          |
| 7) Chloroethane-d5            | 2.897          | 69   | 129998m    | 26.097   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 104.400% |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.025          | 63   | 238430     | 17.690   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 70.760%  |        |          |
| 21) 2-Butanone-d5             | 7.080          | 46   | 122387     | 60.364   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 120.720% |        |          |
| 24) Chloroform-d              | 7.653          | 84   | 353740     | 25.967   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 103.880% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 224843     | 30.076   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 120.320% |        |          |
| 32) Benzene-d6                | 8.281          | 84   | 700533     | 24.414   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 97.640%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 219013     | 24.489   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 97.960%  |        |          |
| 41) Toluene-d8                | 10.323         | 98   | 636003     | 24.584   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 98.320%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 99966      | 26.100   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 104.400% |        |          |
| 47) 2-Hexanone-d5             | 10.926         | 63   | 103857     | 62.593   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 125.180% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.694         | 84   | 210644     | 29.148   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 116.600% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 233984     | 28.377   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 113.520% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 13) Acetone                   | 4.123          | 43   | 7675       | 5.137    | ug/L   | 83       |
| 16) Methylene chloride        | 4.915          | 84   | 35195m     | 3.581    | ug/L   |          |
| 42) Toluene                   | 10.390         | 91   | 13488      | 0.429    | ug/L   | 100      |
| 46) Tetrachloroethene         | 10.865         | 164  | 14001      | 2.386    | ug/L   | 96       |
| -----                         |                |      |            |          |        |          |

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

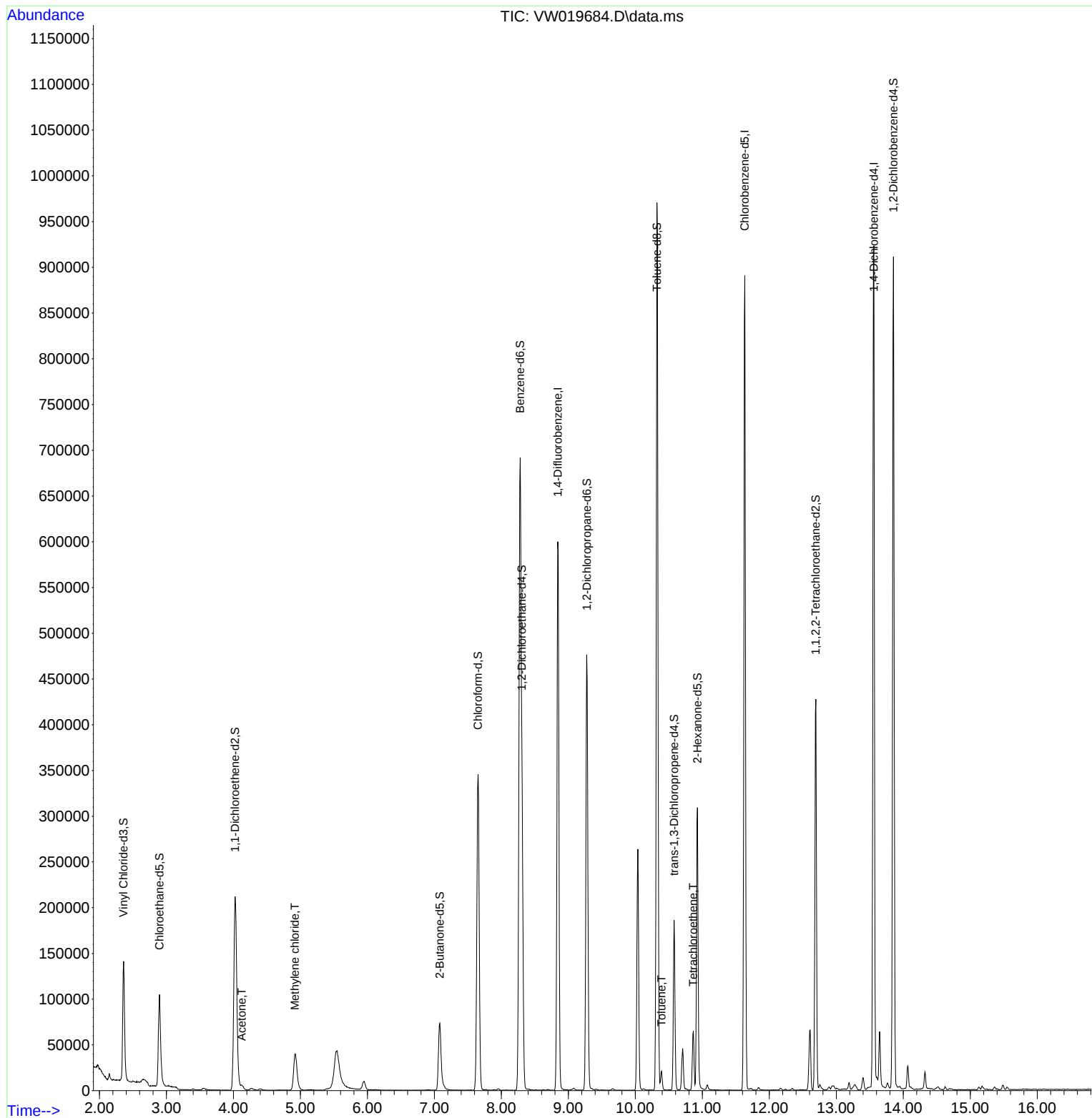
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW080521\  
Data File : VW019684.D  
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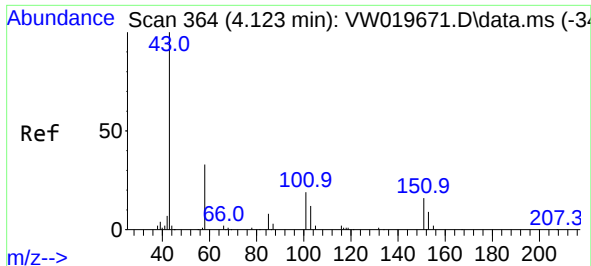
Instrument :  
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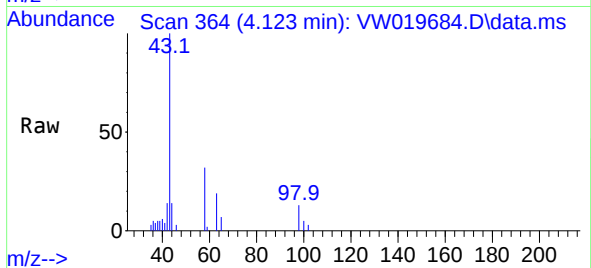
Quant Time: Aug 06 01:39:58 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Aug 06 01:35:48 2021  
Response via : Initial Calibration



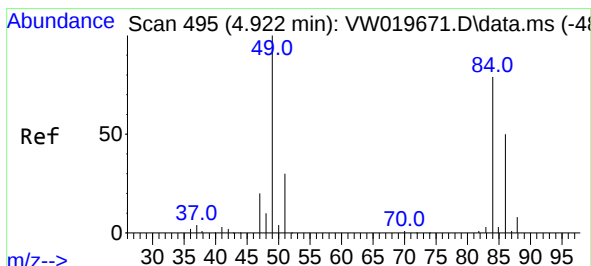
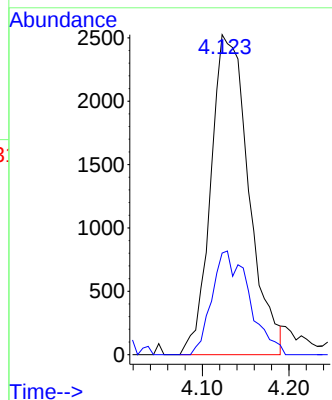
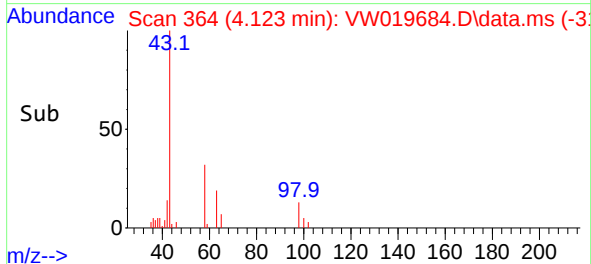


#13  
Acetone  
Concen: 5.137 ug/L  
RT: 4.123 min Scan# 364  
Delta R.T. -0.000 min  
Lab File: VW019684.D  
Acq: 05 Aug 2021 15:38

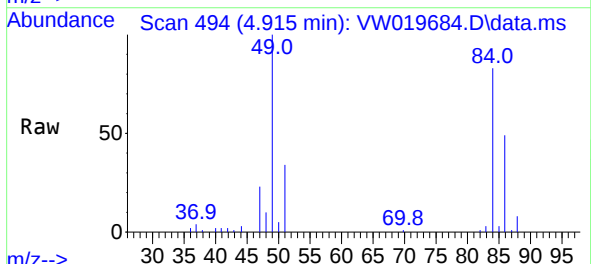
Instrument :  
MSVOA\_W  
ClientSampled :  
GB644



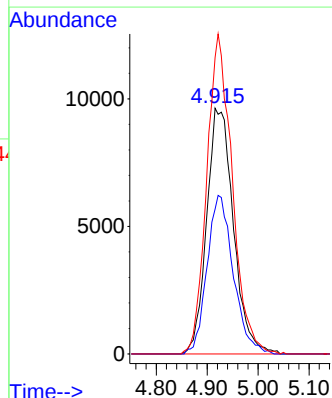
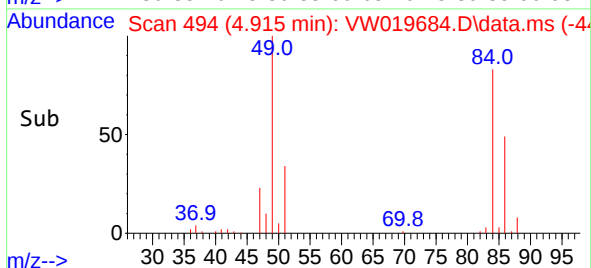
Tgt Ion: 43 Resp: 7675  
Ion Ratio Lower Upper  
43 100  
58 18.0 0.0 53.8

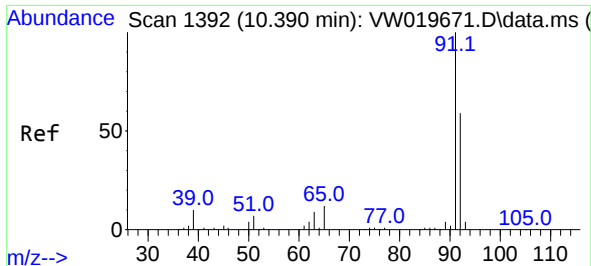


#16  
Methylene chloride  
Concen: 3.581 ug/L m  
RT: 4.915 min Scan# 494  
Delta R.T. -0.006 min  
Lab File: VW019684.D  
Acq: 05 Aug 2021 15:38



Tgt Ion: 84 Resp: 35195  
Ion Ratio Lower Upper  
84 100  
86 58.9 45.3 84.1  
49 120.6 86.6 160.8





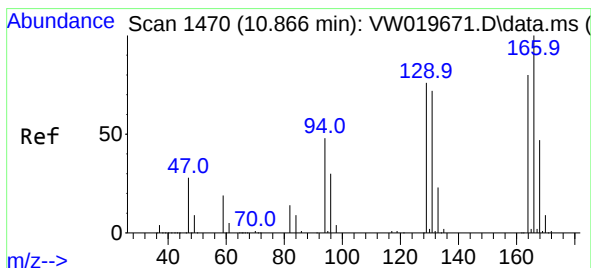
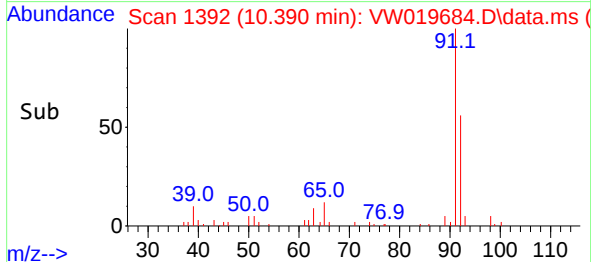
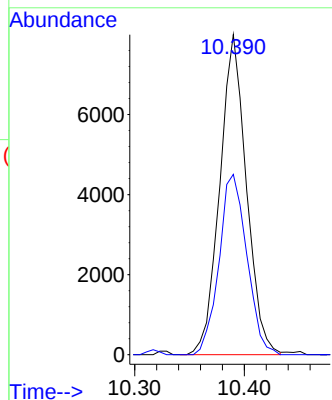
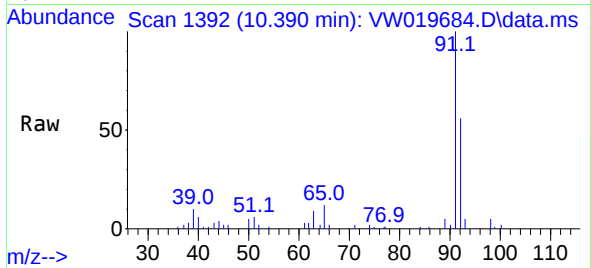
#42  
Toluene  
Concen: 0.429 ug/L  
RT: 10.390 min Scan# 1392  
Delta R.T. -0.000 min  
Lab File: VW019684.D  
Acq: 05 Aug 2021 15:38

Tgt Ion: 91 Resp: 13488  
Ion Ratio Lower Upper  
91 100  
92 56.3 39.5 73.3

Instrument :  
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#46  
Tetrachloroethene  
Concen: 2.386 ug/L  
RT: 10.865 min Scan# 1470  
Delta R.T. -0.000 min  
Lab File: VW019684.D  
Acq: 05 Aug 2021 15:38

Tgt Ion: 164 Resp: 14001  
Ion Ratio Lower Upper  
164 100  
129 93.3 66.7 123.9  
131 91.9 61.1 113.5  
166 128.6 87.0 161.6

