

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081821\  
 Data File : VW019781.D  
 Acq On : 18 Aug 2021 18:28  
 Operator : SY/VA  
 Sample : M3458-10  
 Misc : 6.31g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AS6

Manual Integrations  
 APPROVED

MMDadoda  
 8/19/2021 6:15:40 PM

Quant Time: Aug 19 05:18:00 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Aug 19 05:14:25 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 76569    | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 67065    | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 20046    | 25.000   | ug/L  | 0.00      |
|                               |        |       |          |          |       |           |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 45968    | 38.747   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 155.000%# |
| 7) Chloroethane-d5            | 2.891  | 69    | 39927    | 38.343   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 153.360%# |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 47552    | 23.099   | ug/L  | -0.01     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 92.400%   |
| 21) 2-Butanone-d5             | 7.086  | 46    | 7641     | 31.709   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 63.420%   |
| 24) Chloroform-d              | 7.653  | 84    | 62049    | 29.466   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 117.880%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 31300    | 27.582   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 110.320%  |
| 32) Benzene-d6                | 8.281  | 84    | 111409   | 29.135   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 116.560%  |
| 36) 1,2-Dichloropropane-d6    | 9.281  | 67    | 35715    | 30.843   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 123.360%# |
| 41) Toluene-d8                | 10.329 | 98    | 83371    | 23.792   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 95.160%   |
| 43) trans-1,3-Dichloroprop... | 10.585 | 79    | 10387    | 21.713   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 86.840%   |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 4460     | 27.647   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 55.300%   |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 22559    | 23.936   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 95.760%   |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 16726    | 24.324   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 97.280%   |
|                               |        |       |          |          |       |           |
| Target Compounds              |        |       |          |          |       | Qvalue    |
| 16) Methylene chloride        | 4.922  | 84    | 2034m    | 1.548    | ug/L  |           |
| 42) Toluene                   | 10.384 | 91    | 1415     | 0.325    | ug/L  | 91        |
| -----                         |        |       |          |          |       |           |

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

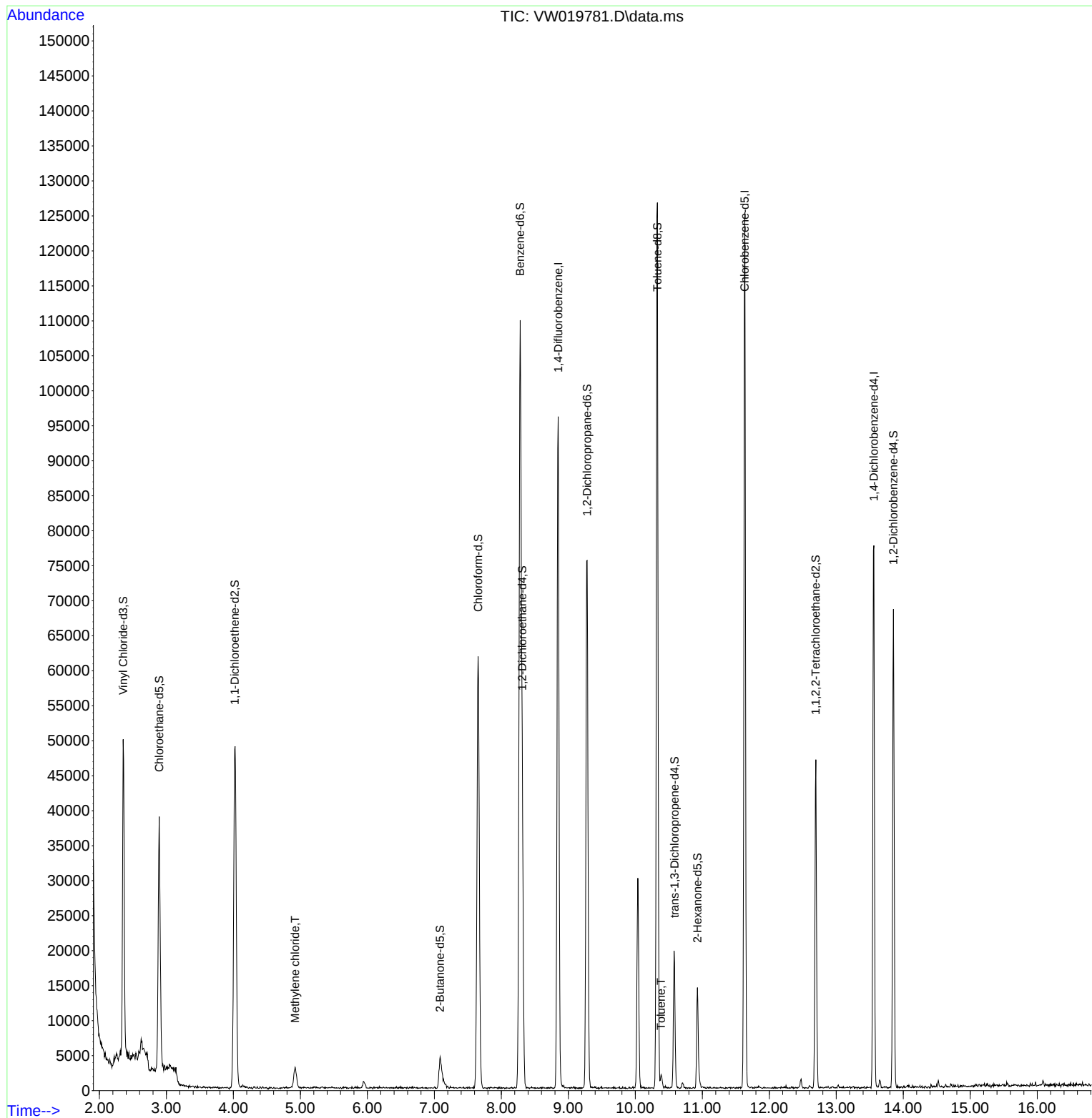
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081821\  
Data File : VW019781.D  
Acq On : 18 Aug 2021 18:28  
Operator : SY/VA  
Sample : M3458-10  
Misc : 6.31g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

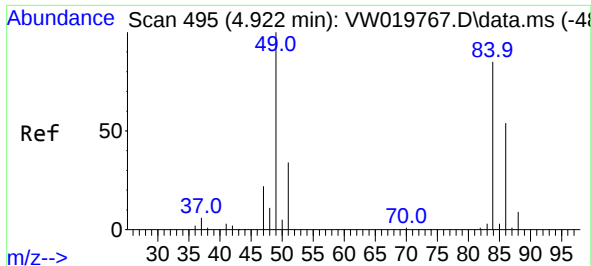
Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AS6

Manual Integrations  
APPROVED

MMDadoda  
8/19/2021 6:15:40 PM

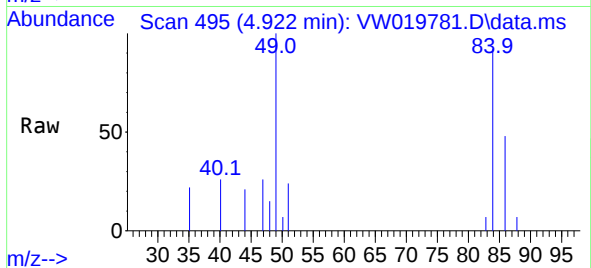
Quant Time: Aug 19 05:18:00 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081821SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Aug 19 05:14:25 2021  
Response via : Initial Calibration





#16  
Methylene chloride  
Concen: 1.548 ug/L m  
RT: 4.922 min Scan# 495  
Delta R.T. 0.000 min  
Lab File: VW019781.D  
Acq: 18 Aug 2021 18:28

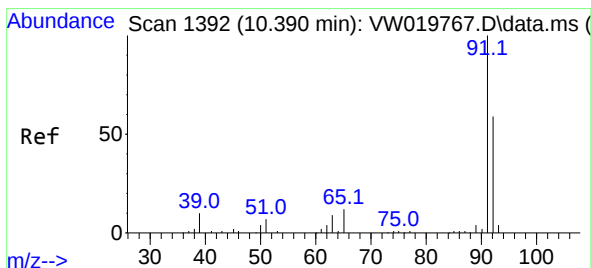
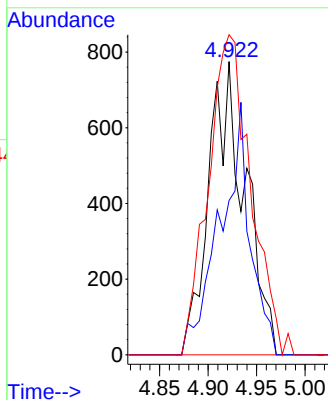
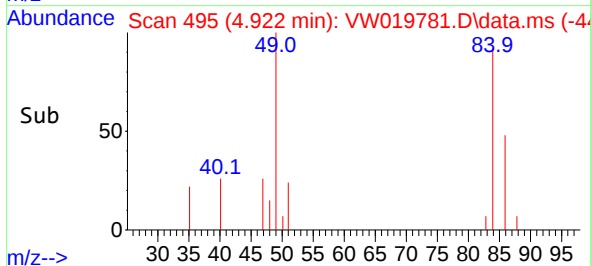
Instrument :  
MSVOA\_W  
ClientSampleId :  
C0AS6



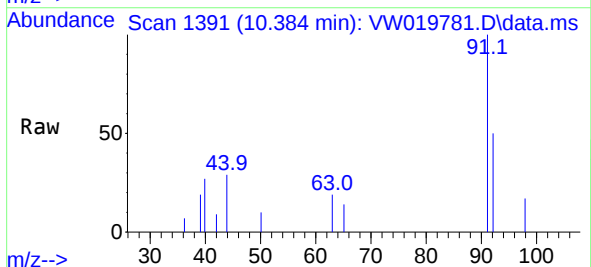
Tgt Ion: 84 Resp: 2034  
Ion Ratio Lower Upper  
84 100  
86 52.6 45.3 84.1  
49 109.2 86.6 160.8

Manual Integrations  
APPROVED

MMDadoda  
8/19/2021 6:15:40 PM



#42  
Toluene  
Concen: 0.325 ug/L  
RT: 10.384 min Scan# 1391  
Delta R.T. -0.006 min  
Lab File: VW019781.D  
Acq: 18 Aug 2021 18:28



Tgt Ion: 91 Resp: 1415  
Ion Ratio Lower Upper  
91 100  
92 50.0 39.5 73.3

