

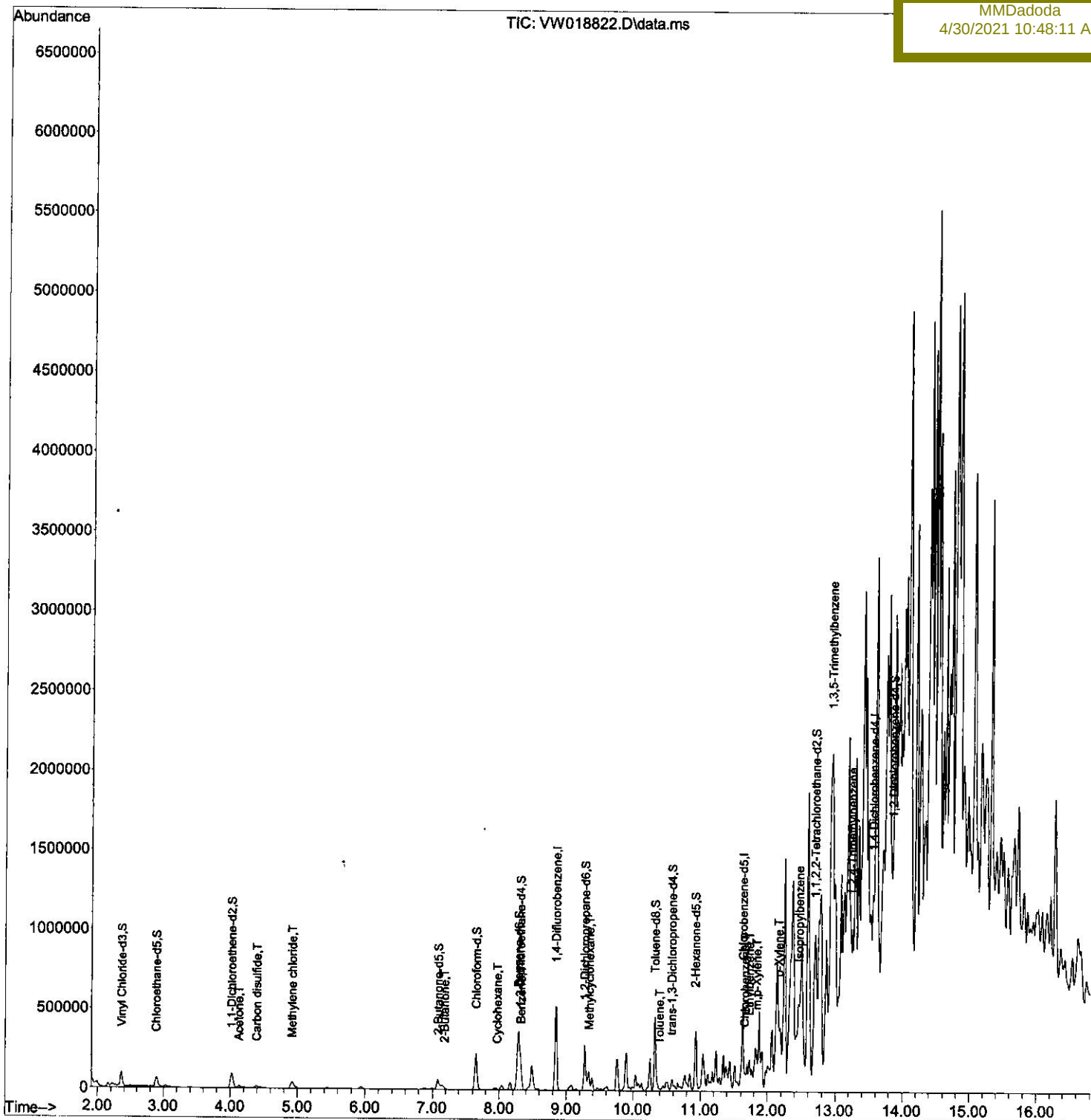
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042821\  
Data File : VW018822.D  
Acq On : 28 Apr 2021 15:55  
Operator : SY/VA  
Sample : M2177-06RE  
Misc : 3.63G/10ML/MSVOA\_W/SOIL  
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 29 00:15:49 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM041421SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Apr 29 00:13:39 2021  
Response via : Initial Calibration

Instrument :  
MSVOA\_W  
Client Sampled :  
BG583RE

Manual Integrations  
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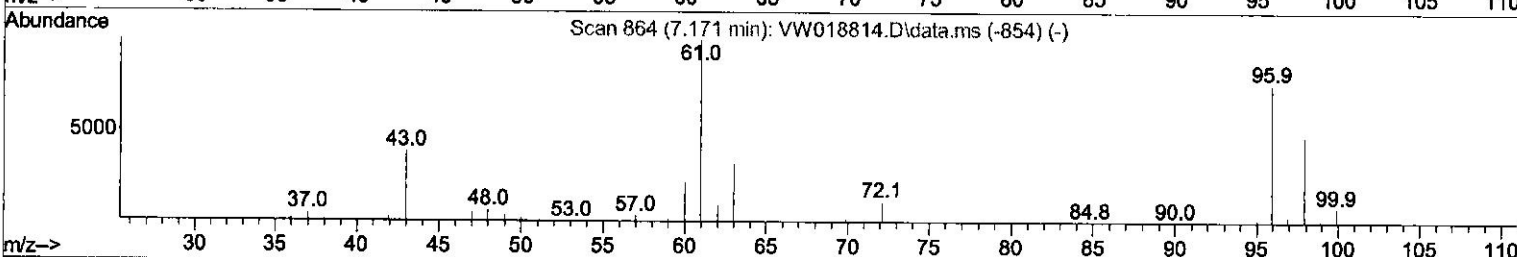
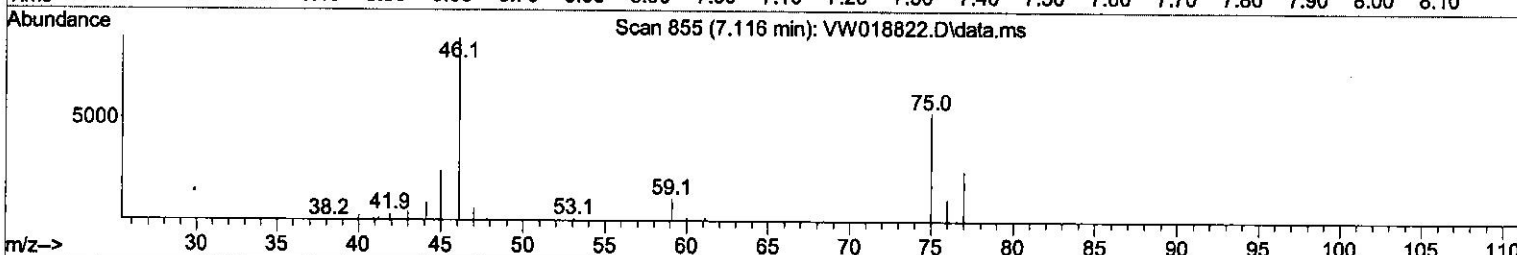
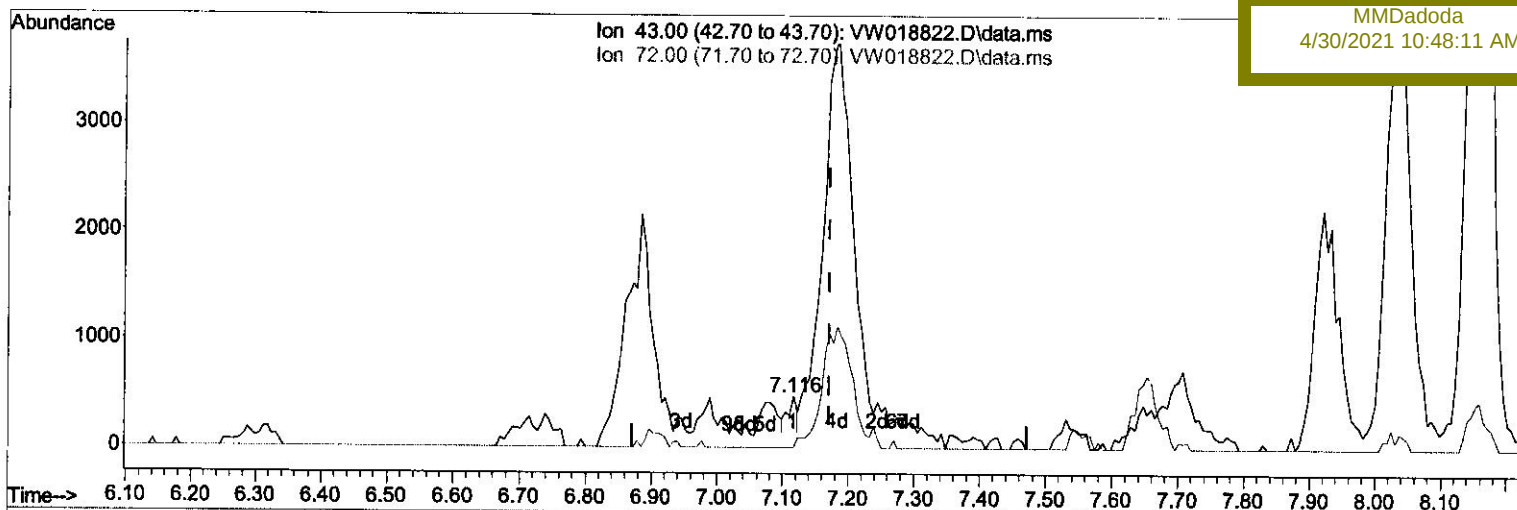
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TIC: VW018822.D\data.ms

(22) 2-Butanone (T)

7.116min (-0.055) 0.19 ug/L

response 324

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.00 | 29.80  | 30.56  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

# Quantitation Report (Qedit)

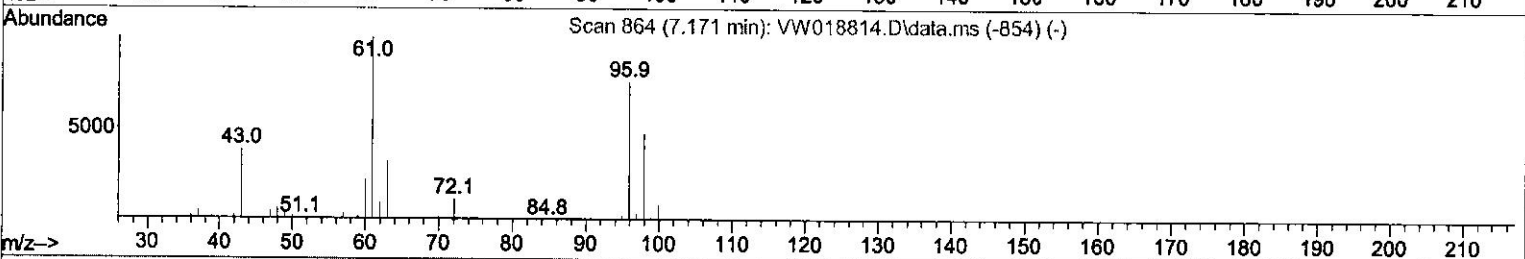
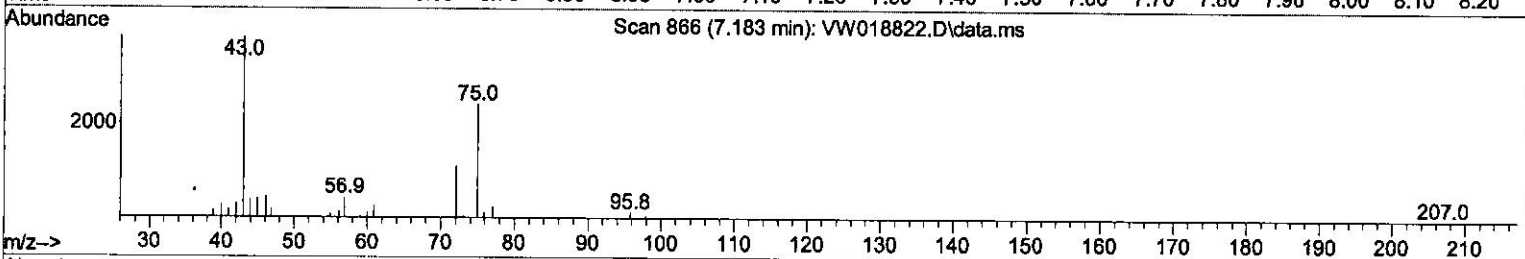
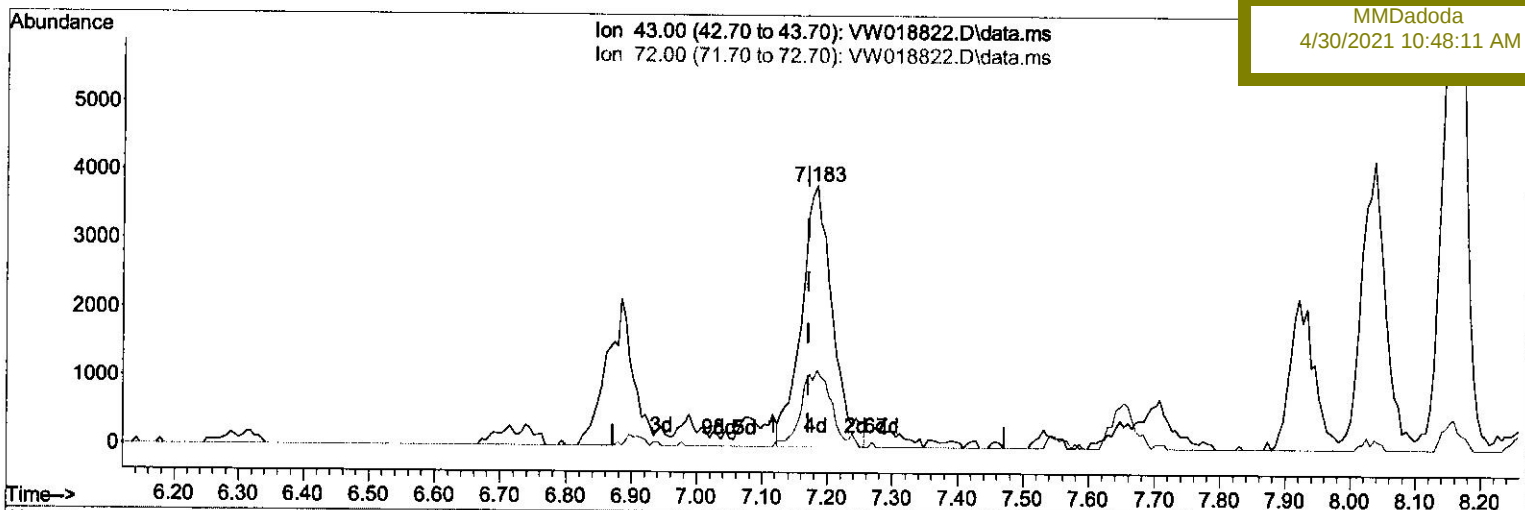
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 Quant Title : SFAM01.0  
 Qlast Update : Thu Apr 29 00:13:39 2021  
 Response via : Initial Calibration

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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Manual Integrations  
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TIC: VW018822.D\data.ms

(22) 2-Butanone (T)

7.183min (+ 0.012) 7.62 ug/L m } SY  
 4/30/21

response 12738

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 43.00 | 100.00 | 100.00 |
| 72.00 | 29.80  | 0.78#  |
| 0.00  | 0.00   | 0.00   |
| 0.00  | 0.00   | 0.00   |

# Quantitation Report (Qedit)

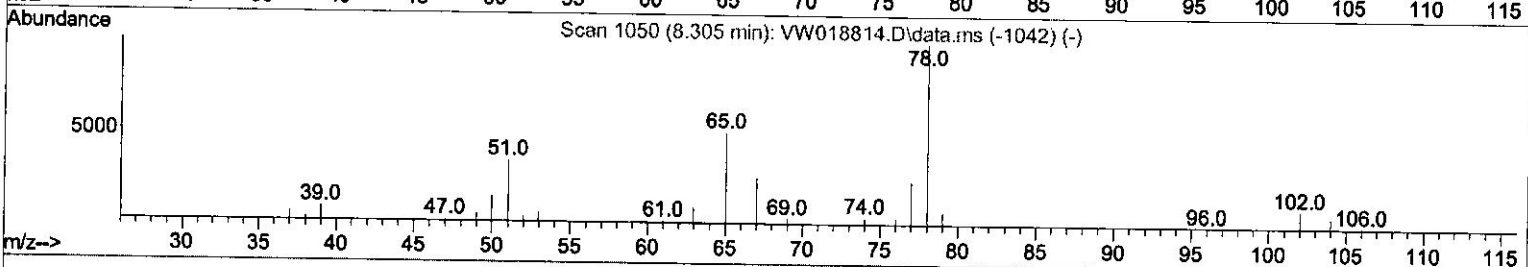
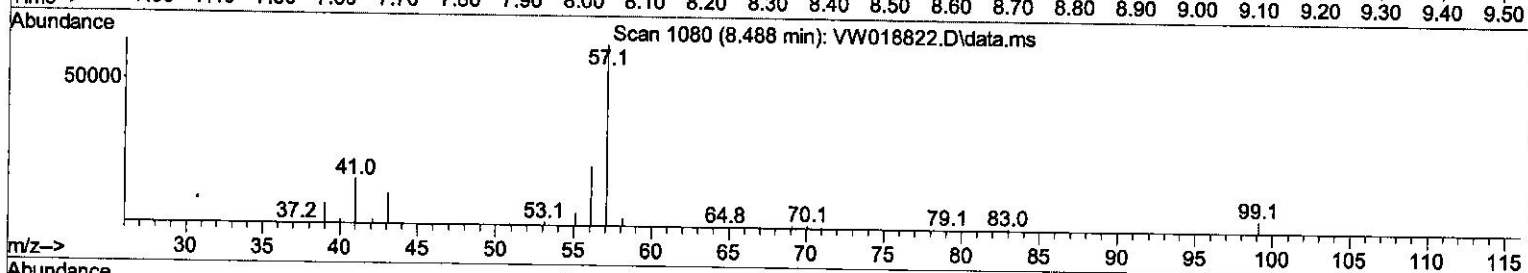
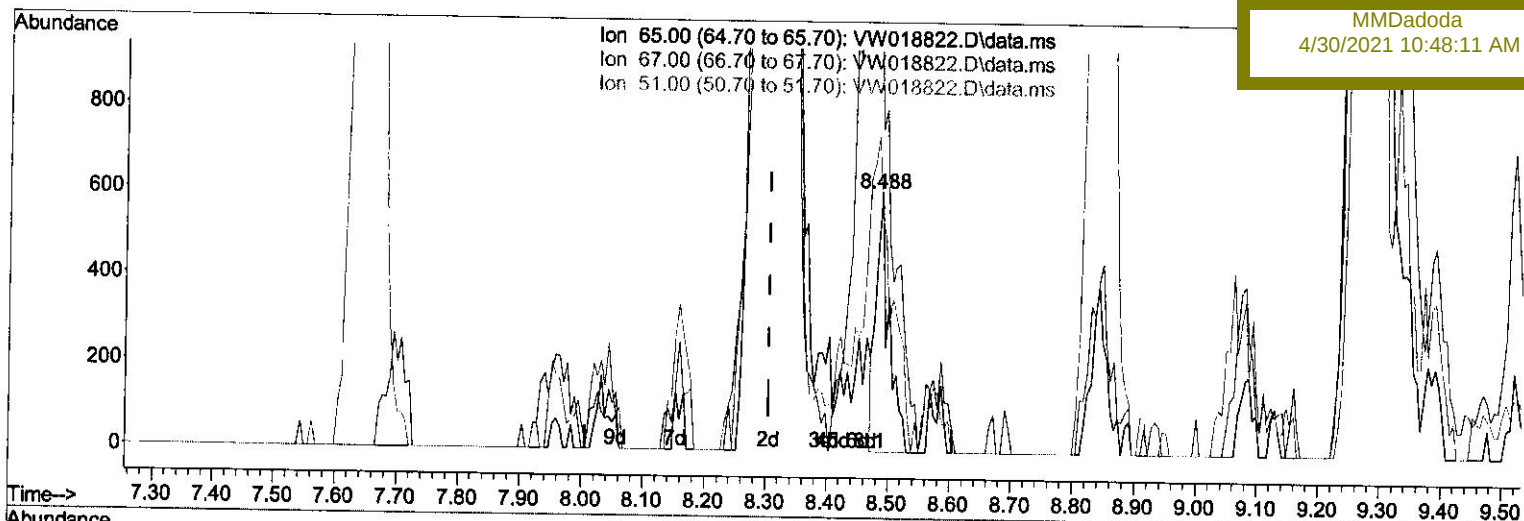
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042821\  
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TIC: VW018822.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.488min (+ 0.183) 0.13 ug/L

response 908

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.70  | 64.32  |
| 51.00 | 98.00  | 83.26  |
| 0.00  | 0.00   | 0.00   |

# Quantitation Report (Qedit)

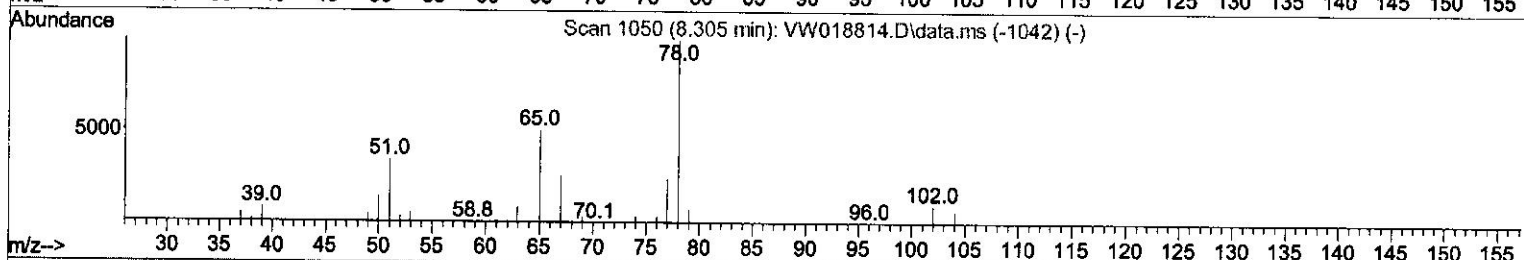
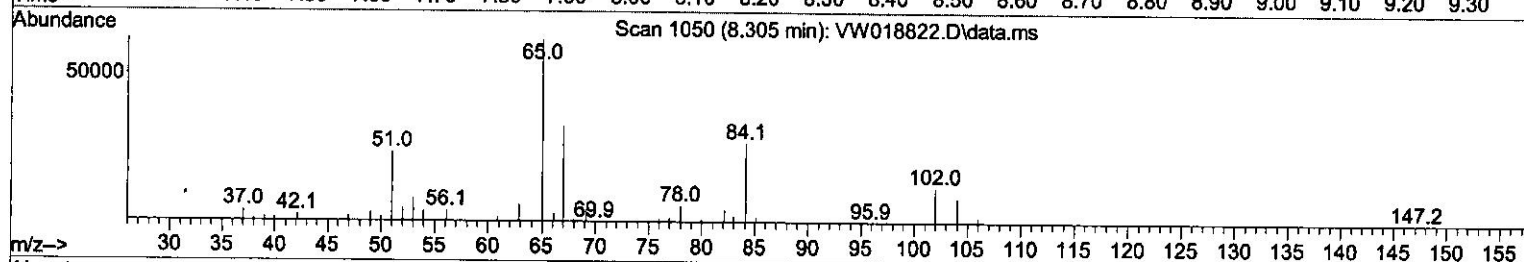
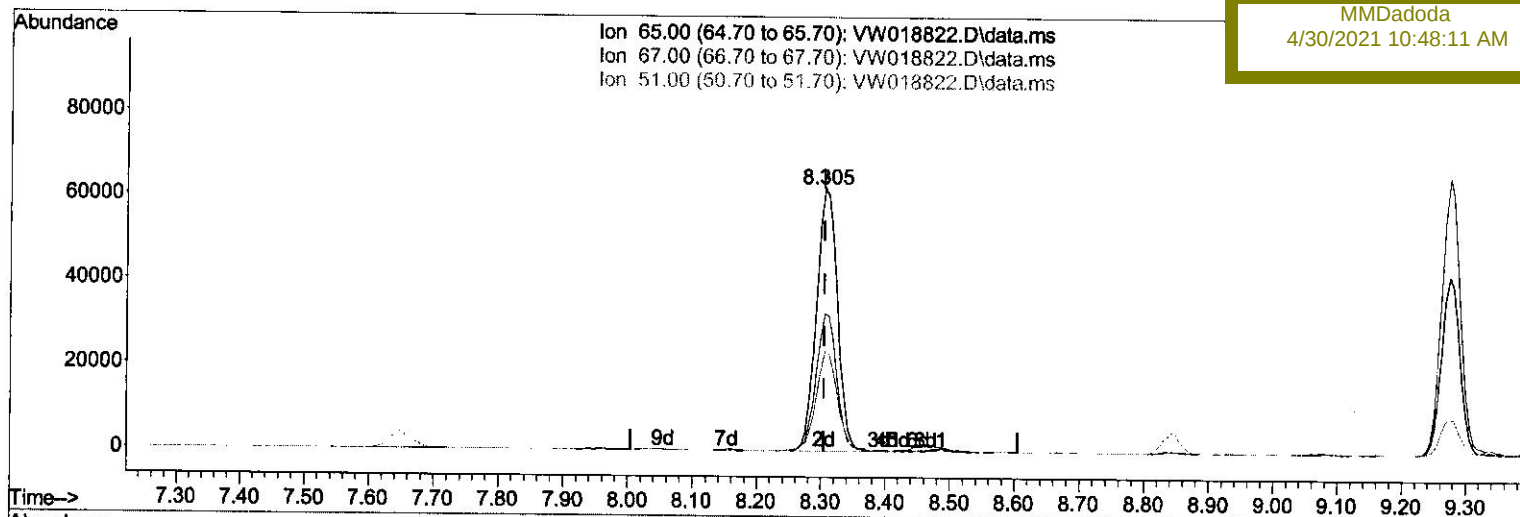
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042821\  
 Data File : VW018822.D  
 Acq On : 28 Apr 2021 15:55  
 Operator : SY/VA  
 Sample : M2177-06RE  
 Misc : 3.63G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 29 00:15:49 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM041421SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Apr 29 00:13:39 2021  
 Response via : Initial Calibration

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG583RE

Manual Integrations  
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TIC: VW018822.D\data.ms

(26) 1,2-Dichloroethane-d4 (S)

8.305min ( 0.000) 20.83 ug/L m

response 140876

| Ion   | Exp%   | Act%   |
|-------|--------|--------|
| 65.00 | 100.00 | 100.00 |
| 67.00 | 51.70  | 0.41#  |
| 51.00 | 98.00  | 0.54#  |
| 0.00  | 0.00   | 0.00   |

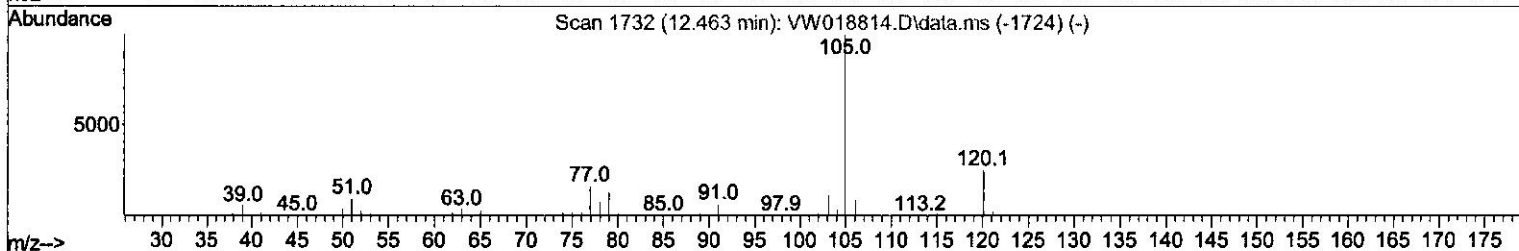
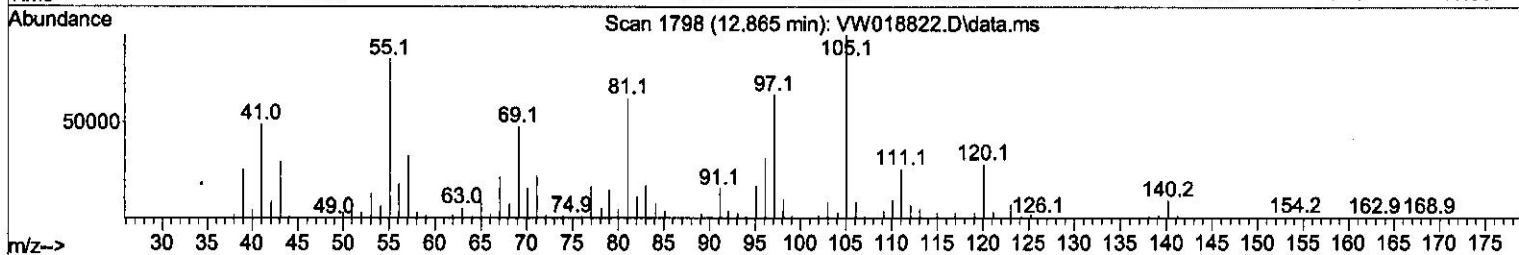
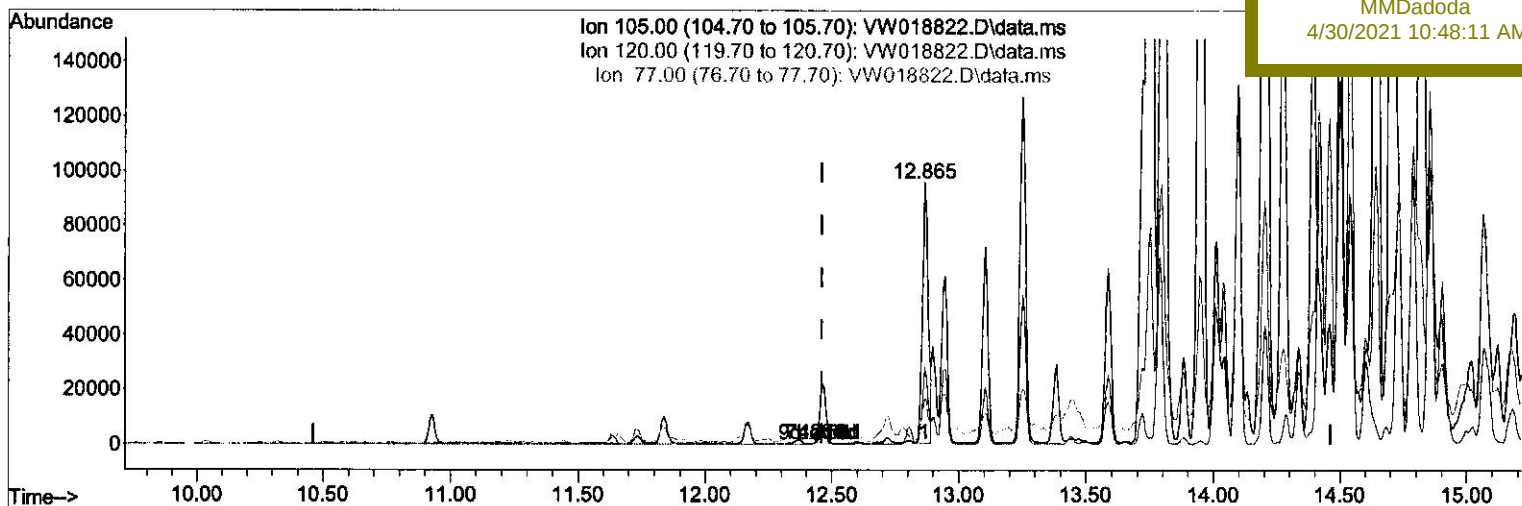
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042821\  
Data File : VW018822.D  
Acq On : 28 Apr 2021 15:55  
Operator : SY/VA  
Sample : M2177-06RE  
Misc : 3.63G/10ML/MSVOA\_W/SOIL  
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Apr 29 00:15:49 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM041421SMA.M  
Quant Title : SFAM01.0  
QLast Update : Thu Apr 29 00:13:39 2021  
Response via : Initial Calibration

Instrument :  
MSVOA\_W  
ClientSampleId :  
BG583RE

Manual Integrations  
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4/30/2021 10:48:11 AM



TIC: VW018822.D\data.ms

(60) Isopropylbenzene

12.865min (+ 0.402) 13.63 ug/L

response 153013

| Ion    | Exp%   | Act%   |
|--------|--------|--------|
| 105.00 | 100.00 | 100.00 |
| 120.00 | 26.40  | 29.37  |
| 77.00  | 16.50  | 19.18  |
| 0.00   | 0.00   | 0.00   |

# Quantitation Report (Qedit)

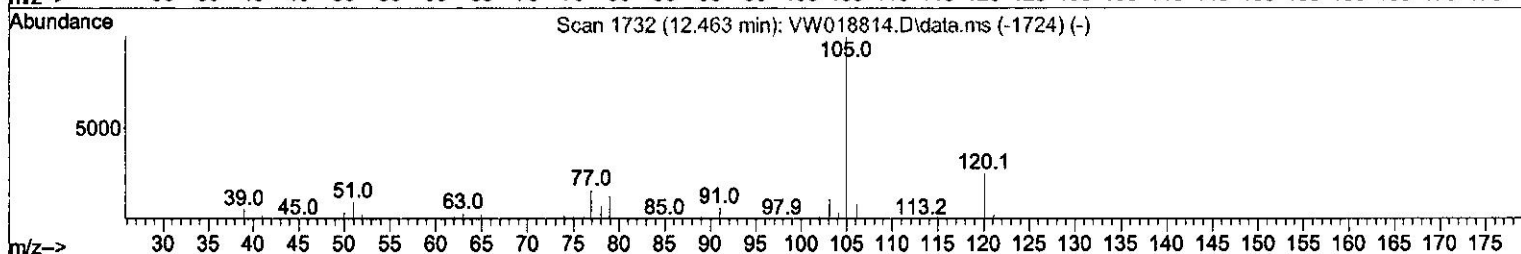
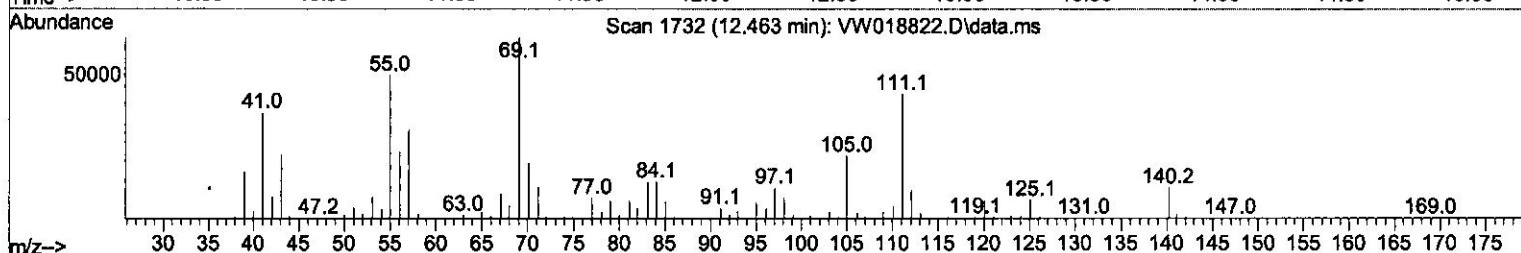
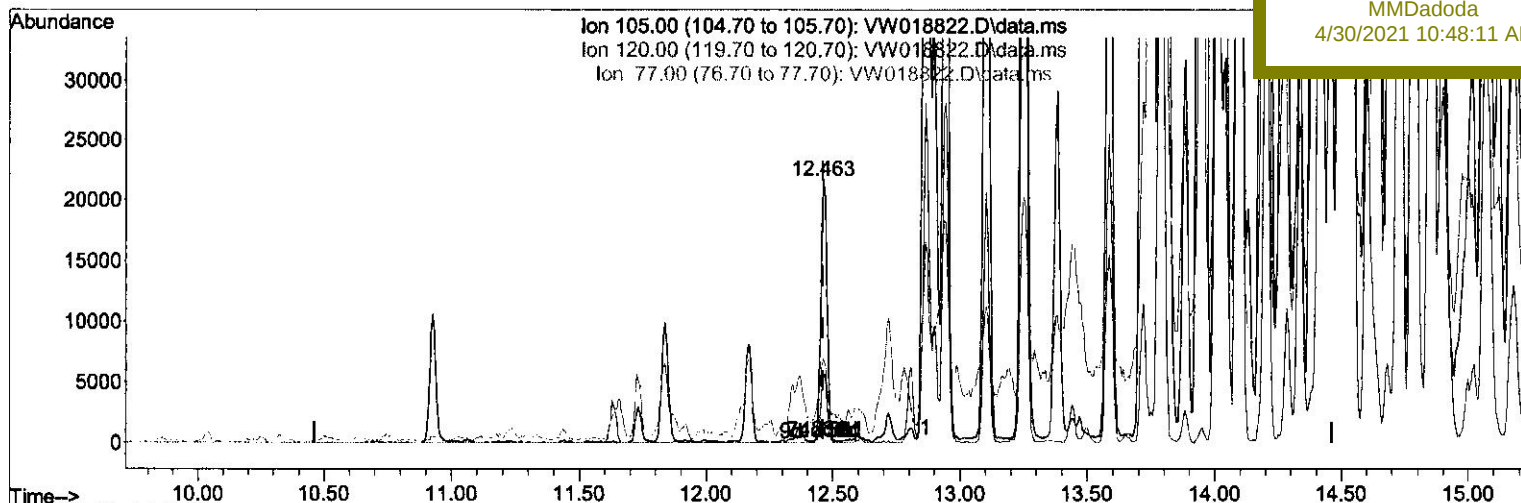
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042821\  
 Data File : VW018822.D  
 Acq On : 28 Apr 2021 15:55  
 Operator : SY/VA  
 Sample : M2177-06RE  
 Misc : 3.63G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

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 Quant Title : SFAM01.0  
 QLast Update : Thu Apr 29 00:13:39 2021  
 Response via : Initial Calibration

Instrument :  
 MSVOA\_W  
 Client Sampled :  
 BG583RE

Manual Integrations  
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TIC: VW018822.D\data.ms

(60) Isopropylbenzene

12.463min ( 0.000) 3.22 ug/L m } 5.4  
 4130121

response 36162

| Ion    | Exp%   | Act%    |
|--------|--------|---------|
| 105.00 | 100.00 | 100.00  |
| 120.00 | 26.40  | 124.28# |
| 77.00  | 16.50  | 81.17#  |
| 0.00   | 0.00   | 0.00    |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW042821\  
 Data File : VW018822.D  
 Acq On : 28 Apr 2021 15:55  
 Operator : SY/VA  
 Sample : M2177-06RE  
 Misc : 3.63G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BG583RE

Quant Time: Apr 29 00:15:49 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM041421SMA.M  
 Quant Title : SFAM01.0  
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Manual Integrations  
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| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.848          | 114  | 438239     | 25.00    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634         | 117  | 258908     | 25.00    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 76344      | 25.00    | ug/L  | 0.00     |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 2.361          | 65   | 74504      | 11.19    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 44.76%   |       |          |
| 7) Chloroethane-d5            | 2.891          | 69   | 83053      | 14.07    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 56.28%   |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.019          | 63   | 105540     | 9.13     | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 36.52%#  |       |          |
| 21) 2-Butanone-d5             | 7.086          | 46   | 104666     | 69.04    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 138.08%# |       |          |
| 24) Chloroform-d              | 7.653          | 84   | 231734     | 19.27    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 77.08%   |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 140876m    | 20.83    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 83.32%   |       |          |
| 32) Benzene-d6                | 8.281          | 84   | 366897     | 24.16    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 96.64%   |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 132435     | 28.93    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 115.72%  |       |          |
| 41) Toluene-d8                | 10.323         | 98   | 242436     | 17.45    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 69.80%   |       |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 36556      | 18.76    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 75.04%   |       |          |
| 47) 2-Hexanone-d5             | 10.927         | 63   | 84639      | 106.34   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 212.68%# |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695         | 84   | 107651     | 28.16    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 112.64%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 52811      | 19.69    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 78.76%   |       |          |

SY  
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| Target Compounds           |        |     |        |             | Qvalue |
|----------------------------|--------|-----|--------|-------------|--------|
| 13) Acetone                | 4.129  | 43  | 31056  | 28.22 ug/L  | 87     |
| 14) Carbon disulfide       | 4.391  | 76  | 35365  | 2.06 ug/L   | 100    |
| 16) Methylene chloride     | 4.922  | 84  | 34514  | 4.81 ug/L   | 90     |
| 22) 2-Butanone             | 7.183  | 43  | 12738m | 7.62 ug/L   |        |
| 29) Cyclohexane            | 7.964  | 56  | 5284   | 0.83 ug/L   | 95     |
| 33) Benzene                | 8.323  | 78  | 35456  | 2.18 ug/L   | 100    |
| 35) Methylcyclohexane      | 9.341  | 83  | 20740  | 2.85 ug/L # | 53     |
| 42) Toluene                | 10.390 | 91  | 8645   | 0.50 ug/L   | 94     |
| 51) Chlorobenzene          | 11.658 | 112 | 8419   | 0.78 ug/L   | 88     |
| 52) Ethylbenzene           | 11.731 | 91  | 96356  | 5.00 ug/L   | 94     |
| 53) m,p-Xylene             | 11.835 | 106 | 38559  | 5.45 ug/L   | 91     |
| 54) o-Xylene               | 12.164 | 106 | 34312  | 5.05 ug/L   | 95     |
| 60) Isopropylbenzene       | 12.463 | 105 | 36162m | 3.22 ug/L   |        |
| 62) 1,3,5-Trimethylbenzene | 12.944 | 105 | 96001  | 10.32 ug/L  | 97     |
| 63) 1,2,4-Trimethylbenzene | 13.249 | 105 | 196622 | 21.18 ug/L  | 98     |

SY  
 4/30/21

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