

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051222\  
 Data File : VW023001.D  
 Acq On : 12 May 2022 15:04  
 Operator : SY/VA  
 Sample : N2766-19  
 Misc : 6.43g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW4G9

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2022  
 Supervised By :Mahesh Dadoda 05/16/2022

Quant Time: May 13 01:12:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 13 01:10:05 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 248060   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 223033   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 81610    | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 73072    | 14.358   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 57.440%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 58844    | 17.772   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 71.080%  |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 78207    | 11.893   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 47.560%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 43512    | 44.967   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 89.940%  |
| 24) Chloroform-d              | 7.647  | 84    | 94130    | 12.952   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 51.800%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 83074m   | 20.842   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 83.360%  |
| 32) Benzene-d6                | 8.275  | 84    | 262491   | 20.419   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 81.680%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 83807    | 23.208   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 92.840%  |
| 41) Toluene-d8                | 10.323 | 98    | 228845   | 18.428   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 73.720%  |
| 43) trans-1,3-Dichloroprop... | 10.573 | 79    | 30491    | 18.338   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 73.360%  |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 33232    | 48.207   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 96.420%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 22794    | 6.772    | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 27.080%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 59022    | 20.689   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 82.760%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.129  | 43    | 9705     | 13.396   | ug/L   | 97       |
| 14) Carbon disulfide          | 4.379  | 76    | 15323    | 1.759    | ug/L   | 97       |
| 25) Chloroform                | 7.671  | 83    | 56505    | 8.433    | ug/L   | 95       |
| 34) Trichloroethene           | 9.092  | 95    | 1994     | 0.552    | ug/L # | 77       |
| 42) Toluene                   | 10.390 | 91    | 25271    | 1.716    | ug/L   | 95       |
| -----                         |        |       |          |          |        |          |

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

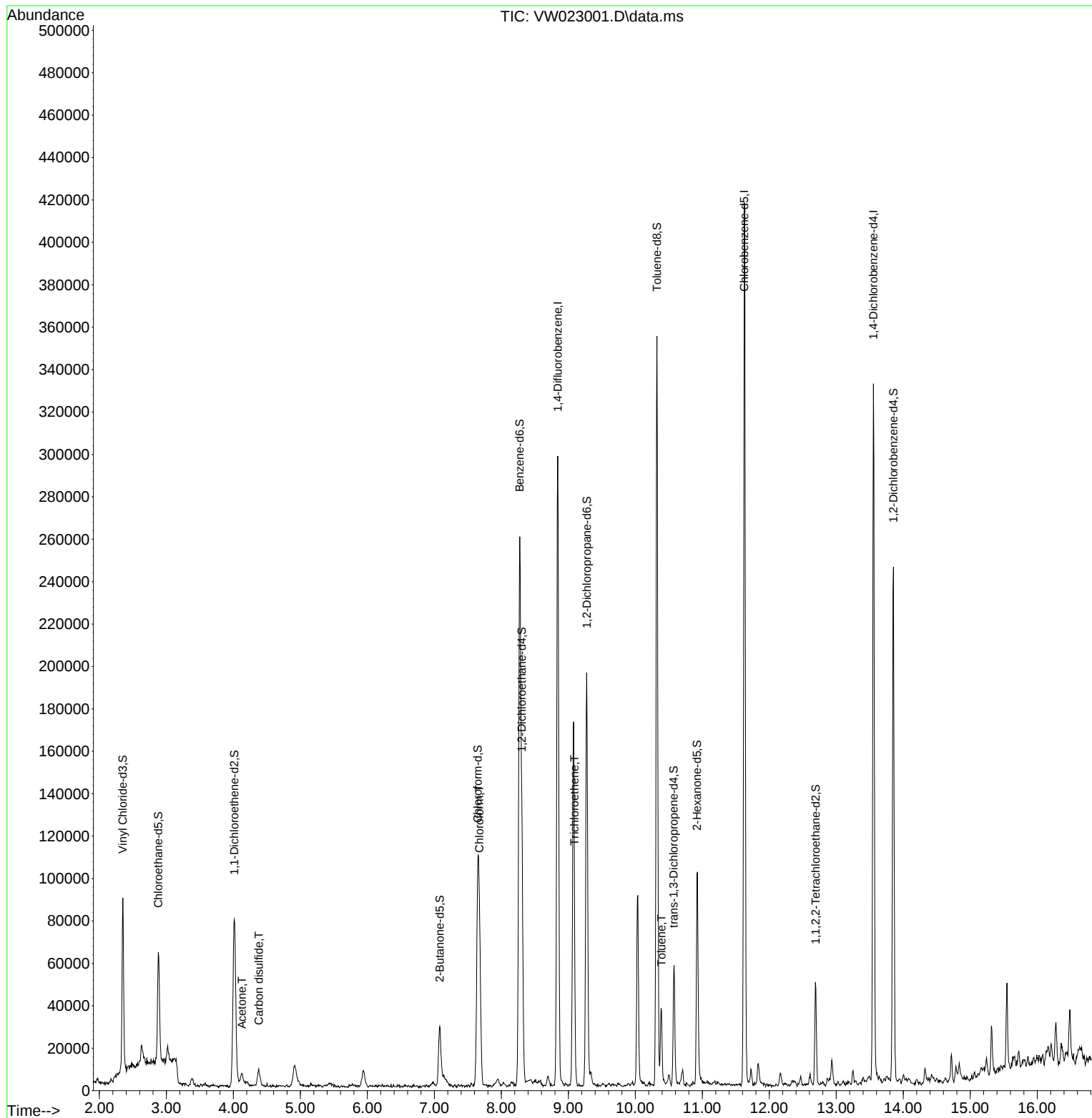
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051222\  
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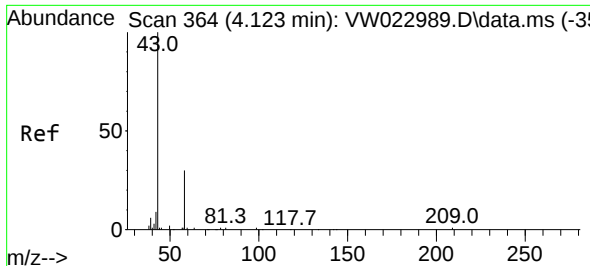
Instrument :  
MSVOA\_W  
ClientSampleId :  
EW4G9

Quant Time: May 13 01:12:41 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
Quant Title : SFAM01.0  
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Response via : Initial Calibration

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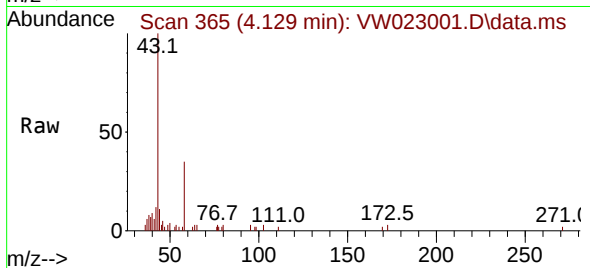
Reviewed By :Semsettin Yesilyurt 05/15/2022  
Supervised By :Mahesh Dadoda 05/16/2022





#13  
Acetone  
Concen: 13.396 ug/L  
RT: 4.129 min Scan# 364  
Delta R.T. 0.006 min  
Lab File: VW023001.D  
Acq: 12 May 2022 15:04

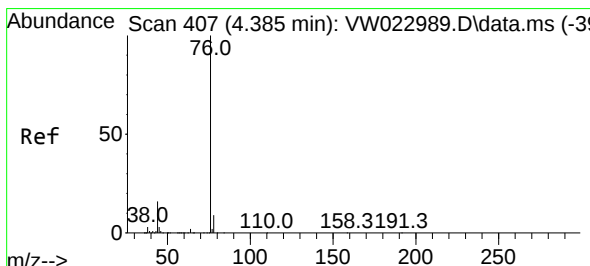
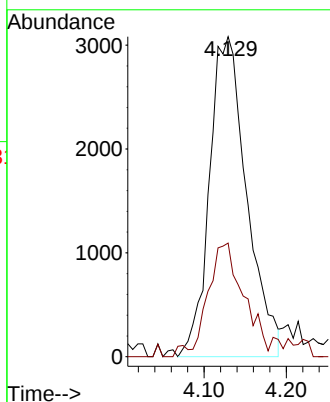
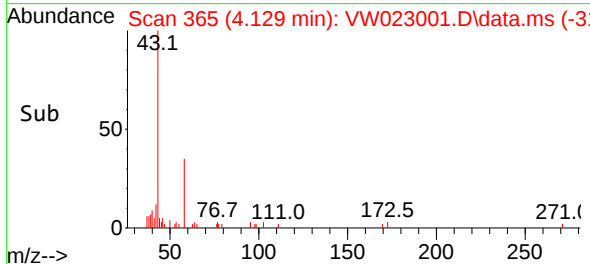
Instrument :  
MSVOA\_W  
ClientSampleId :  
EW4G9



Tgt Ion: 43 Resp: 970  
Ion Ratio Lower Upper  
43 100  
58 33.5 0.0 64.0

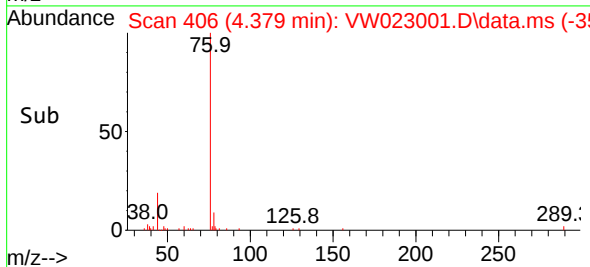
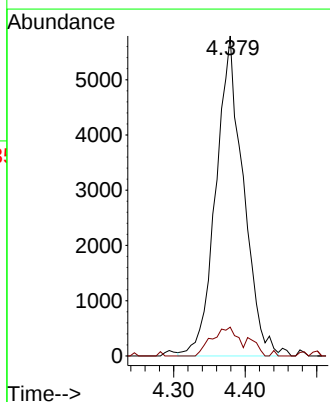
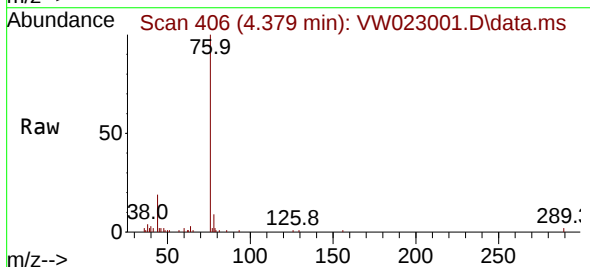
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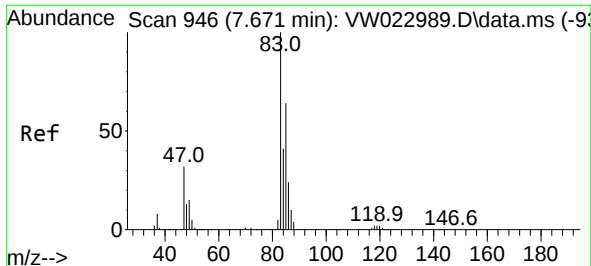
Reviewed By :Semsettin Yesilyurt 05/15/2022  
Supervised By :Mahesh Dadoda 05/16/2022



#14  
Carbon disulfide  
Concen: 1.759 ug/L  
RT: 4.379 min Scan# 406  
Delta R.T. -0.006 min  
Lab File: VW023001.D  
Acq: 12 May 2022 15:04

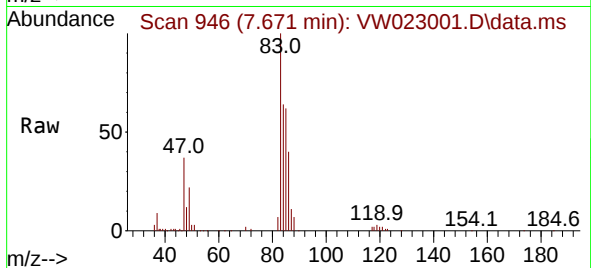
Tgt Ion: 76 Resp: 15323  
Ion Ratio Lower Upper  
76 100  
78 10.7 7.7 11.5





#25  
Chloroform  
Concen: 8.433 ug/L  
RT: 7.671 min Scan# 946  
Delta R.T. 0.000 min  
Lab File: VW023001.D  
Acq: 12 May 2022 15:04

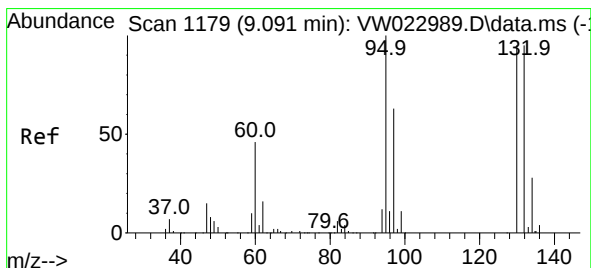
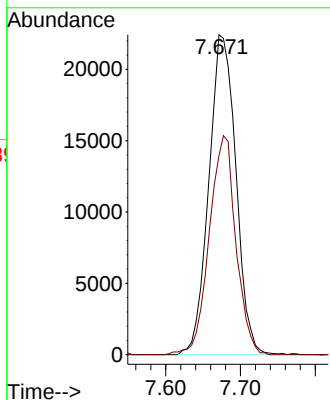
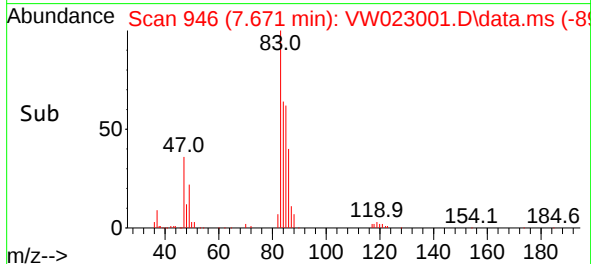
Instrument :  
MSVOA\_W  
ClientSampleId :  
EW4G9



Tgt Ion: 83 Resp: 5650  
Ion Ratio Lower Upper  
83 100  
85 62.2 46.6 86.6

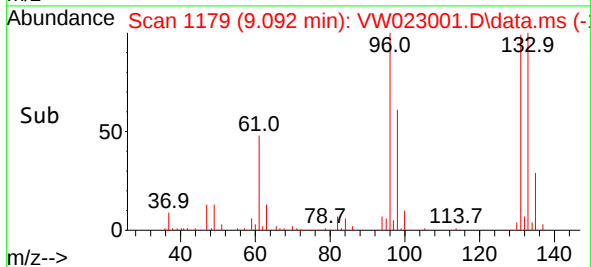
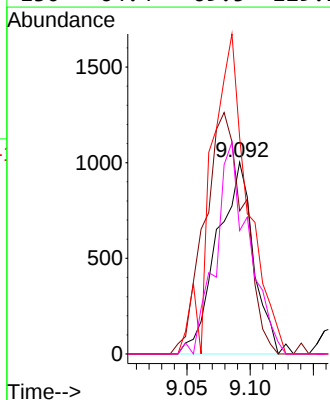
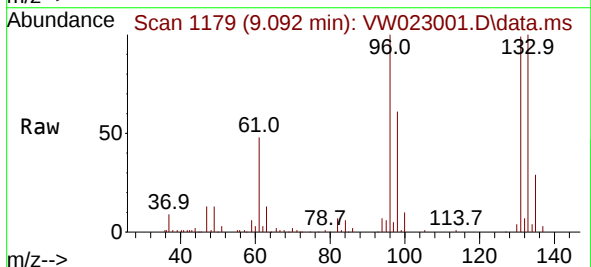
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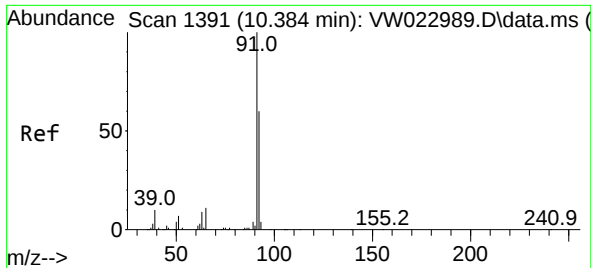
Reviewed By :Semsettin Yesilyurt 05/15/2022  
Supervised By :Mahesh Dadoda 05/16/2022



#34  
Trichloroethene  
Concen: 0.552 ug/L  
RT: 9.092 min Scan# 1179  
Delta R.T. 0.000 min  
Lab File: VW023001.D  
Acq: 12 May 2022 15:04

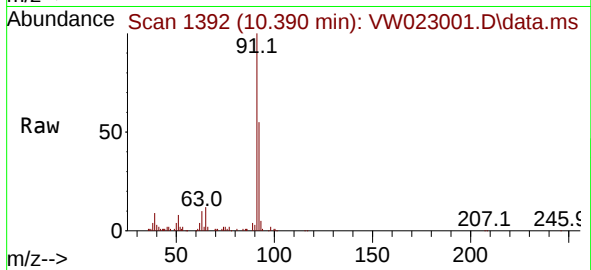
Tgt Ion: 95 Resp: 1994  
Ion Ratio Lower Upper  
95 100  
97 74.7 46.1 85.7  
132 113.1 66.9 124.3  
130 64.4 69.5 129.1#





#42  
Toluene  
Concen: 1.716 ug/L  
RT: 10.390 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VW023001.D  
Acq: 12 May 2022 15:04

Instrument :  
MSVOA\_W  
ClientSampleId :  
EW4G9



Tgt Ion: 91 Resp: 2527  
Ion Ratio Lower Upper  
91 100  
92 55.3 41.6 77.2

Manual Integrations  
APPROVED

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