

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122624\  
 Data File : VW031533.D  
 Acq On : 26 Dec 2024 16:59  
 Operator : SY/MD  
 Sample : P5378-01  
 Misc : 5.99g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 YE632

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 12/27/2024  
 Supervised By :Semsettin Yesilyurt 12/27/2024

Quant Time: Dec 27 00:27:05 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121324SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Dec 27 00:21:46 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.837          | 114  | 937588     | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 844460     | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.550         | 152  | 404888     | 25.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 2.357          | 65   | 283449     | 20.093   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 80.360%  |        |          |
| 7) Chloroethane-d5            | 2.899          | 69   | 228998     | 21.944   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 87.760%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.015          | 65   | 132218     | 19.759   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 79.040%  |        |          |
| 21) 2-Butanone-d5             | 7.100          | 46   | 154212     | 58.046   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 116.100% |        |          |
| 24) Chloroform-d              | 7.648          | 84   | 558111     | 21.726   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 86.920%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.301          | 65   | 321078     | 24.887   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 99.560%  |        |          |
| 32) Benzene-d6                | 8.276          | 84   | 1154459    | 21.329   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 85.320%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.270          | 67   | 345746     | 21.918   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 87.680%  |        |          |
| 41) Toluene-d8                | 10.319         | 98   | 1062411    | 21.099   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 84.400%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 142971     | 19.656   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 78.640%  |        |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 126654     | 59.703   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 119.400% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 275420     | 27.808   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 111.240% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.849         | 152  | 339027     | 22.555   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 90.240%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 13) Acetone                   | 4.167          | 43   | 50541m     | 13.660   | ug/L   |          |
| 40) 4-Methyl-2-pentanone      | 10.209         | 43   | 7493       | 1.085    | ug/L   | 96       |
| 53) m,p-Xylene                | 11.831         | 106  | 104852     | 4.183    | ug/L   | 90       |
| 54) o-Xylene                  | 12.166         | 106  | 9800       | 0.415    | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.934         | 105  | 147942     | 2.634    | ug/L   | 96       |
| 63) 1,2,4-Trimethylbenzene    | 13.245         | 105  | 77996      | 1.437    | ug/L   | 99       |
| -----                         |                |      |            |          |        |          |

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

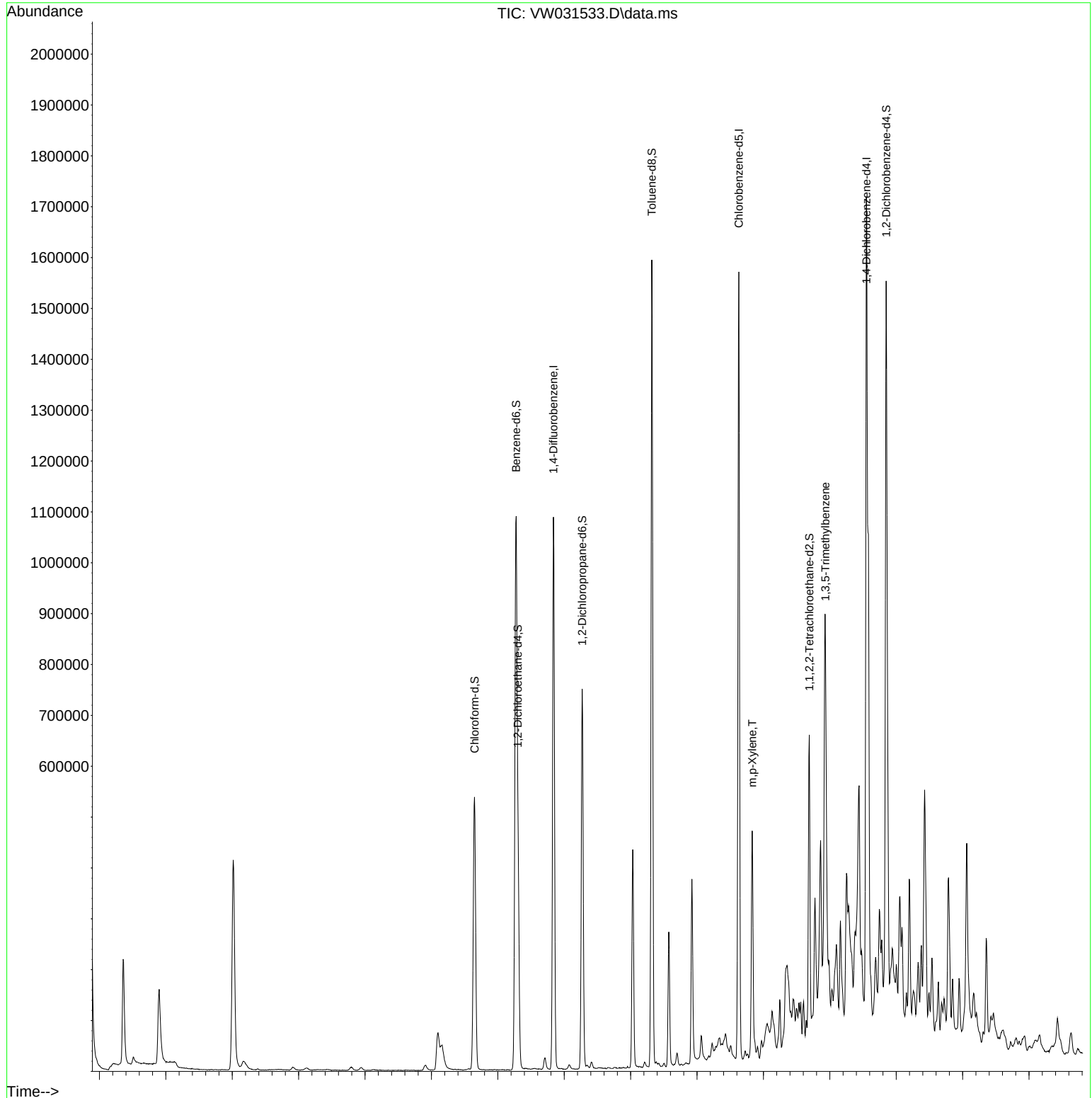
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122624\  
Data File : VW031533.D  
Acq On : 26 Dec 2024 16:59  
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Sample : P5378-01  
Misc : 5.99g/10mL/MSVOA\_W/SOIL/A  
ALS Vial : 17 Sample Multiplier: 1

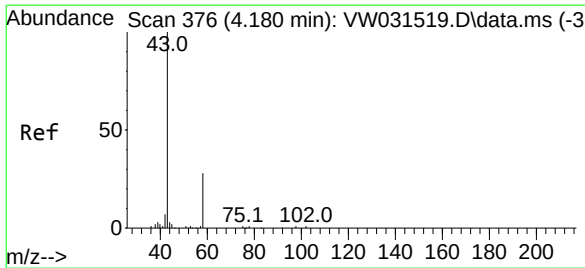
Instrument :  
MSVOA\_W  
ClientSampleId :  
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Quant Time: Dec 27 00:27:05 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121324SMA.M  
Quant Title : SFAM01.0  
QLast Update : Fri Dec 27 00:21:46 2024  
Response via : Initial Calibration





#13

Acetone

Concen: 13.660 ug/L m

RT: 4.167 min Scan# 376

Delta R.T. -0.012 min

Lab File: VW031533.D

Acq: 26 Dec 2024 16:59

Instrument :

MSVOA\_W

ClientSampleId :

YE632

Tgt Ion: 43 Resp: 50541

Ion Ratio Lower Upper

43 100

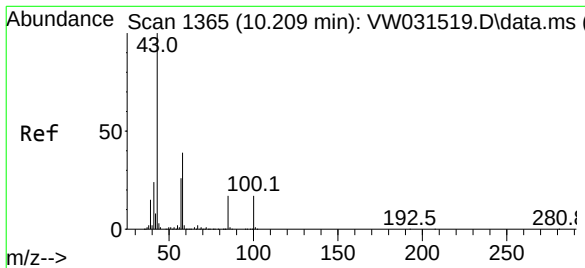
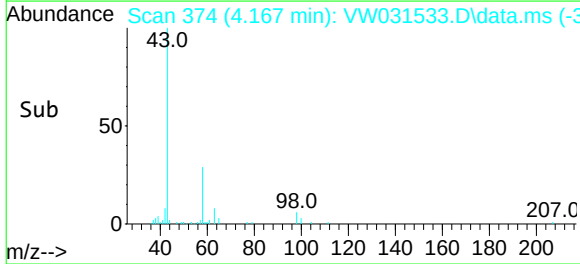
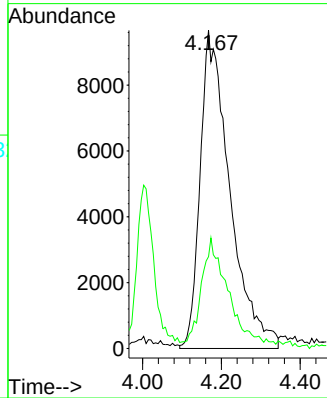
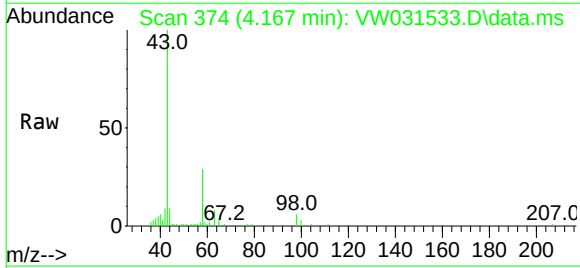
58 14.6 0.0 0.0#

Manual Integrations

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#40

4-Methyl-2-pentanone

Concen: 1.085 ug/L

RT: 10.209 min Scan# 1365

Delta R.T. 0.000 min

Lab File: VW031533.D

Acq: 26 Dec 2024 16:59

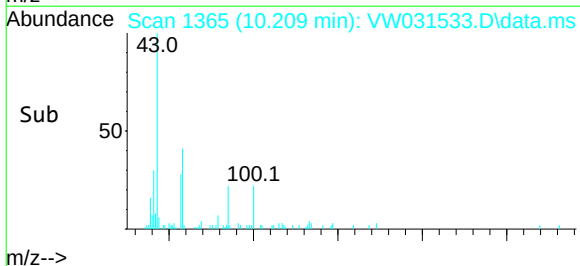
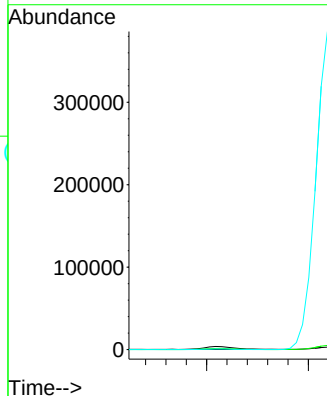
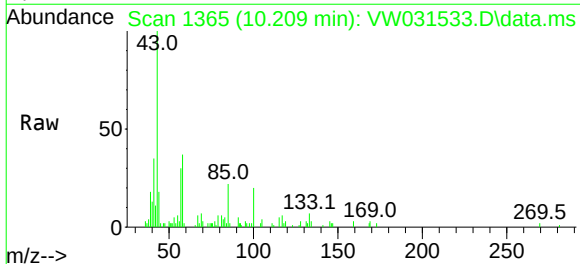
Tgt Ion: 43 Resp: 7493

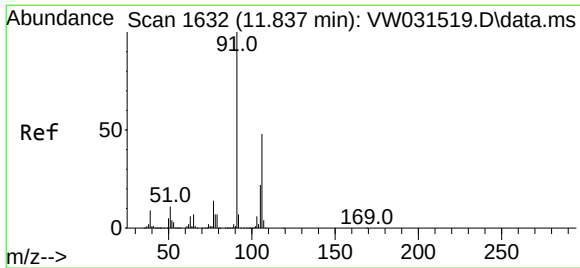
Ion Ratio Lower Upper

43 100

58 41.0 31.1 46.7

100 18.8 13.0 19.6





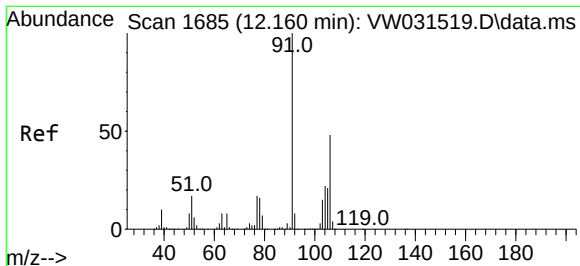
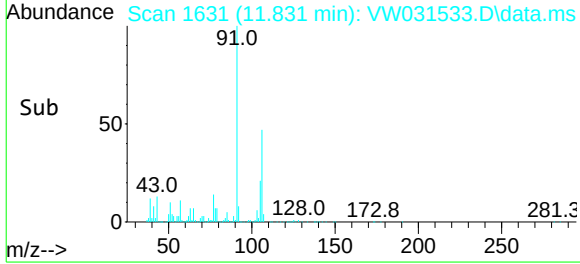
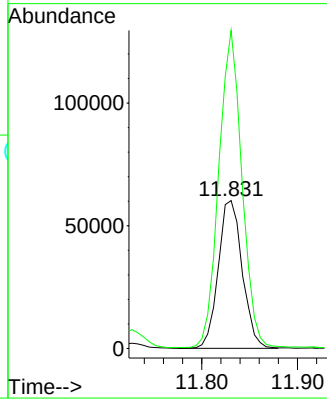
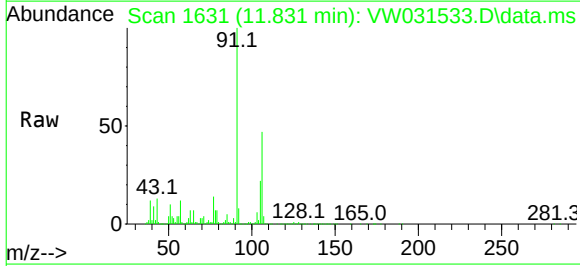
#53  
m,p-Xylene  
Concen: 4.183 ug/L  
RT: 11.831 min Scan# 1631  
Delta R.T. -0.006 min  
Lab File: VW031533.D  
Acq: 26 Dec 2024 16:59

Instrument : MSVOA\_W  
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Tgt Ion:106 Resp: 104852  
Ion Ratio Lower Upper  
106 100  
91 215.0 139.9 259.7

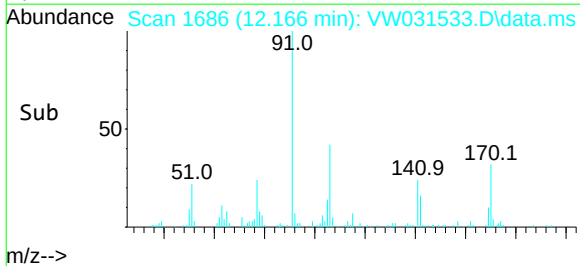
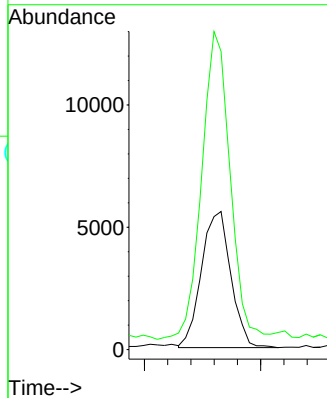
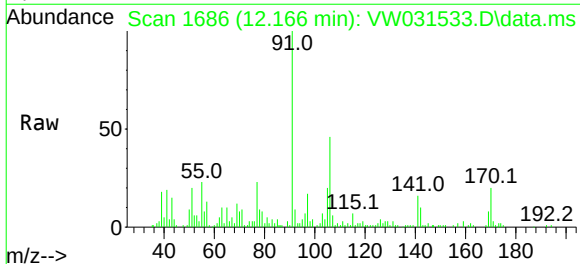
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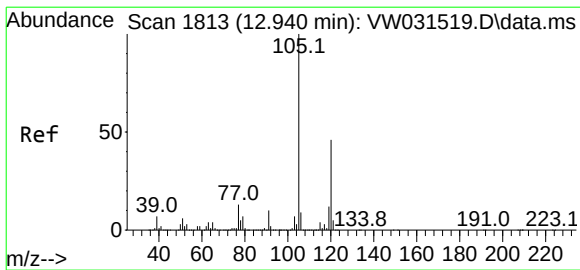
Reviewed By :Mahesh Dadoda 12/27/2024  
Supervised By :Semsettin Yesilyurt 12/27/2024



#54  
o-Xylene  
Concen: 0.415 ug/L  
RT: 12.166 min Scan# 1686  
Delta R.T. 0.006 min  
Lab File: VW031533.D  
Acq: 26 Dec 2024 16:59

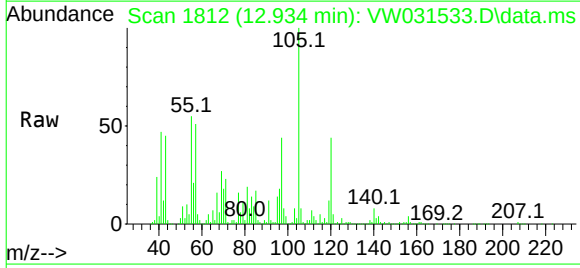
Tgt Ion:106 Resp: 9800  
Ion Ratio Lower Upper  
106 100  
91 215.9 153.1 284.3





#62  
1,3,5-Trimethylbenzene  
Concen: 2.634 ug/L  
RT: 12.934 min Scan# 1812  
Delta R.T. -0.006 min  
Lab File: VW031533.D  
Acq: 26 Dec 2024 16:59

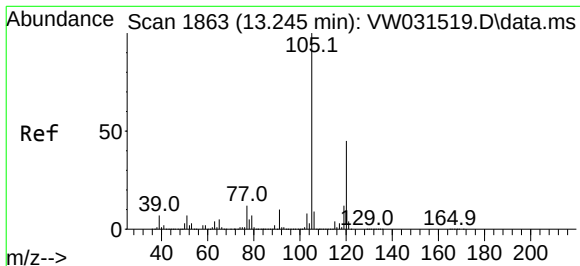
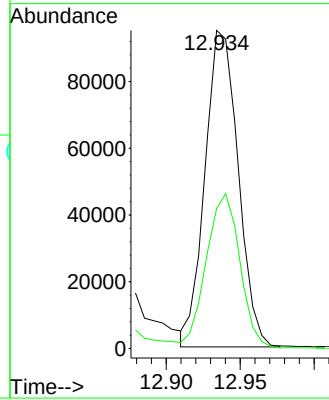
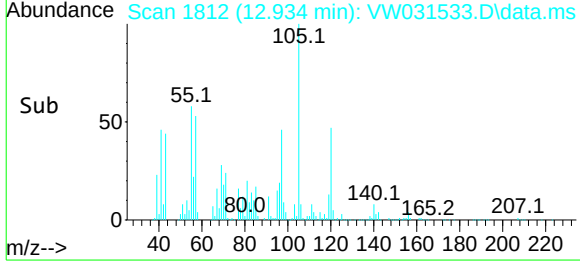
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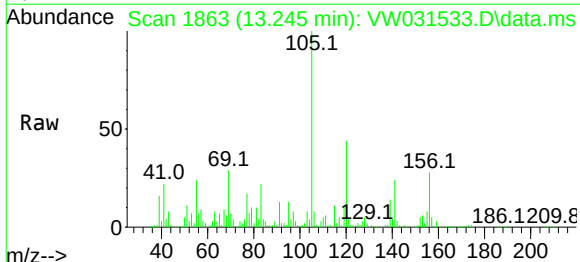
Tgt Ion:105 Resp: 147942  
Ion Ratio Lower Upper  
105 100  
120 49.0 37.3 55.9

Manual Integrations  
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Supervised By :Semsettin Yesilyurt 12/27/2024



#63  
1,2,4-Trimethylbenzene  
Concen: 1.437 ug/L  
RT: 13.245 min Scan# 1863  
Delta R.T. 0.000 min  
Lab File: VW031533.D  
Acq: 26 Dec 2024 16:59



Tgt Ion:105 Resp: 77996  
Ion Ratio Lower Upper  
105 100  
120 44.4 35.0 52.4

