

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW091423\  
 Data File : VW027107.D  
 Acq On : 14 Sep 2023 17:03  
 Operator : SY/MD  
 Sample : 04417-19  
 Misc : 4.34g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EZYX1

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/15/2023  
 Supervised By : Mahesh Dadoda 09/15/2023

Quant Time: Sep 15 00:16:46 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM090523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Sep 09 02:59:49 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 1158782    | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 1044304    | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 521435     | 25.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 2.362          | 65   | 161375     | 7.795    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 31.200%  |        |          |
| 7) Chloroethane-d5            | 2.893          | 69   | 162275m    | 9.712    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 38.840%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.027          | 65   | 78169      | 10.245   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 41.000%# |        |          |
| 21) 2-Butanone-d5             | 7.106          | 46   | 28354m     | 7.108    | ug/L   | 0.03     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 14.220%# |        |          |
| 24) Chloroform-d              | 7.673          | 84   | 22579      | 0.655    | ug/L   | 0.02     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 2.600%#  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 256011     | 14.125   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 56.520%# |        |          |
| 32) Benzene-d6                | 8.276          | 84   | 977272     | 14.267   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 57.080%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.276          | 67   | 323661     | 16.095   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 64.400%# |        |          |
| 41) Toluene-d8                | 10.324         | 98   | 837093     | 13.498   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 54.000%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.574         | 79   | 105784     | 13.555   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 54.240%  |        |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 6738m      | 3.589    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 7.180%#  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 0.000          | 84   | 0d         | 0.000    | ug/L   |          |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 0.000%#  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 309668     | 17.171   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 68.680%# |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 13) Acetone                   | 4.124          | 43   | 13419      | 3.842    | ug/L   | 99       |
| 16) Methylene chloride        | 4.923          | 84   | 41331      | 1.841    | ug/L   | 96       |
| 25) Chloroform                | 7.679          | 83   | 485751     | 14.662   | ug/L   | 96       |
| 34) Trichloroethene           | 9.093          | 95   | 249762     | 13.611   | ug/L   | 88       |
| 35) Methylcyclohexane         | 9.337          | 83   | 37816      | 1.213    | ug/L   | 93       |
| 48) 2-Hexanone                | 10.958         | 43   | 28742      | 4.482    | ug/L # | 89       |
| 53) m,p-Xylene                | 11.836         | 106  | 26602      | 0.863    | ug/L   | 97       |
| 54) o-Xylene                  | 12.166         | 106  | 14253      | 0.494    | ug/L   | 94       |
| 63) 1,2,4-Trimethylbenzene    | 13.245         | 105  | 78012      | 1.400    | ug/L   | 100      |
| -----                         |                |      |            |          |        |          |

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

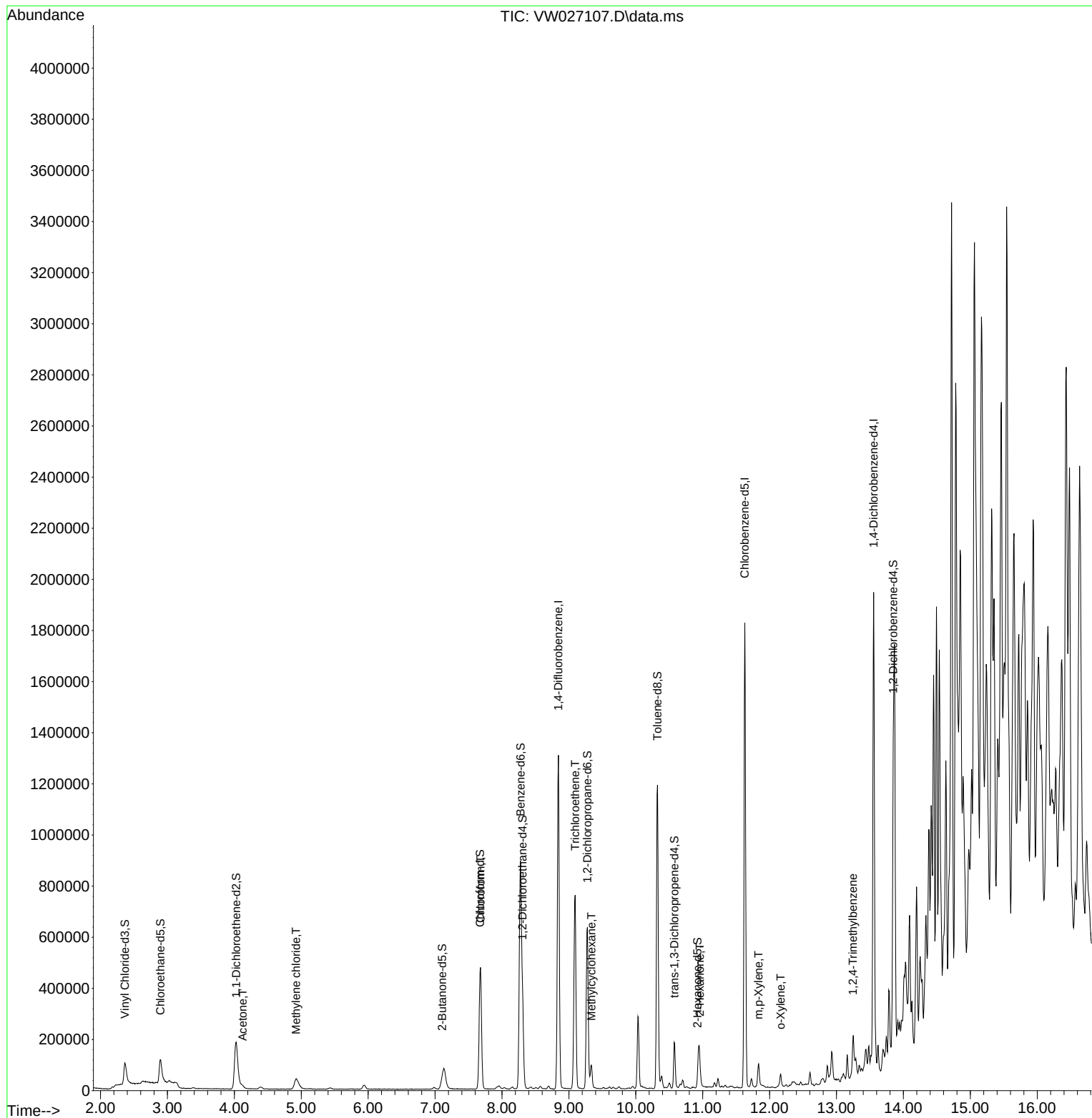
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW091423\  
Data File : VW027107.D  
Acq On : 14 Sep 2023 17:03  
Operator : SY/MD  
Sample : 04417-19  
Misc : 4.34g/10mL/MSVOA\_W/SOIL  
ALS Vial : 1 Sample Multiplier: 1

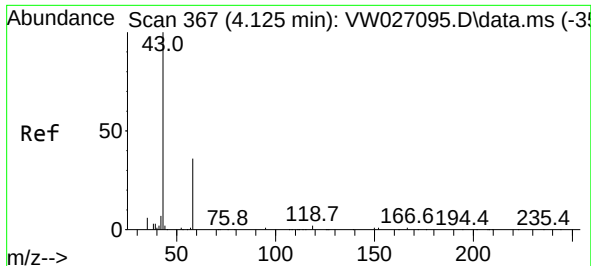
Instrument :  
MSVOA\_W  
ClientSampleId :  
EZYX1

Manual Integrations  
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Supervised By : Mahesh Dadoda 09/15/2023

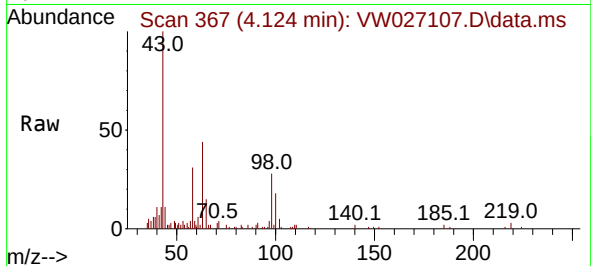
Quant Time: Sep 15 00:16:46 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM090523SMA.M  
Quant Title : SFAM01.0  
QLast Update : Sat Sep 09 02:59:49 2023  
Response via : Initial Calibration





#13  
Acetone  
Concen: 3.842 ug/L  
RT: 4.124 min Scan# 367  
Delta R.T. 0.006 min  
Lab File: VW027107.D  
Acq: 14 Sep 2023 17:03

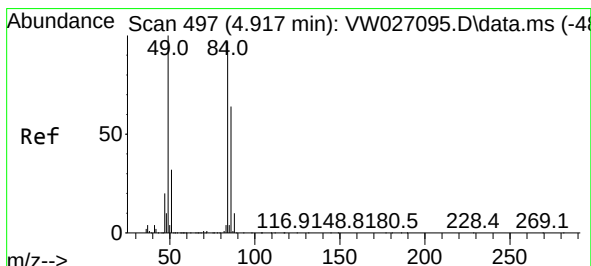
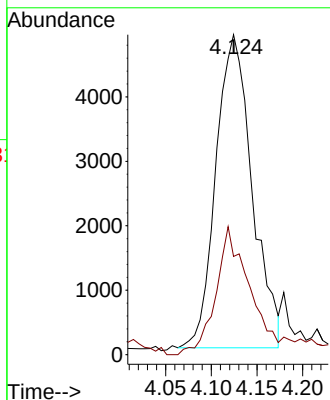
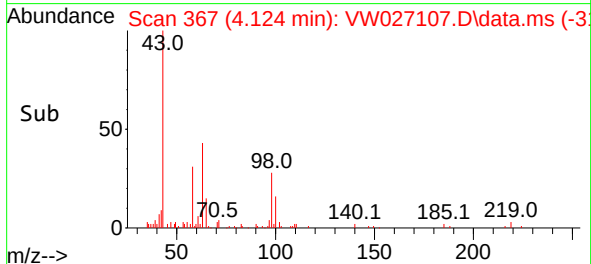
Instrument :  
MSVOA\_W  
Client SampleId :  
EZYX1



Tgt Ion: 43 Resp: 13419  
Ion Ratio Lower Upper  
43 100  
58 32.5 0.0 66.4

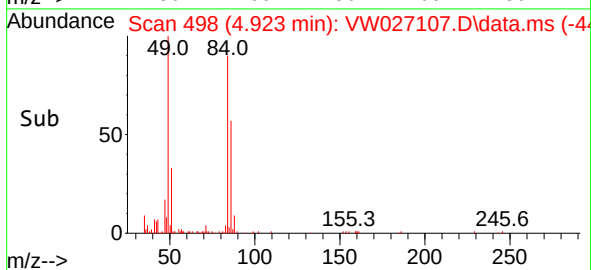
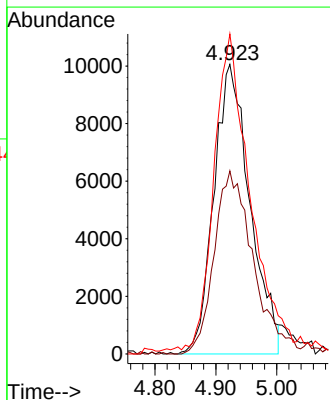
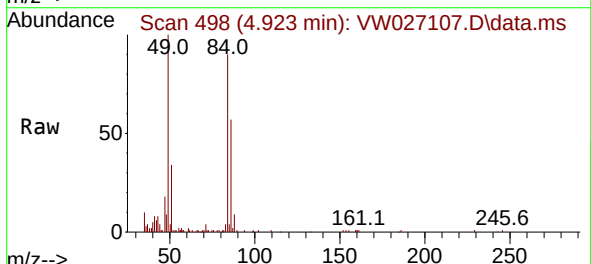
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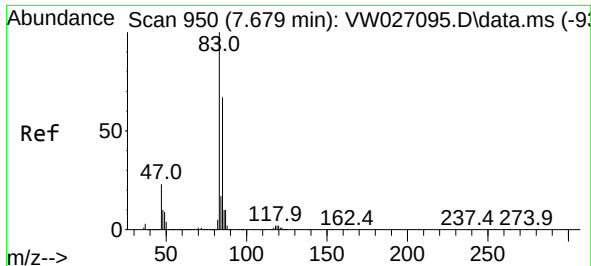
Reviewed By :Semsettin Yesilyurt 09/15/2023  
Supervised By :Mahesh Dadoda 09/15/2023



#16  
Methylene chloride  
Concen: 1.841 ug/L  
RT: 4.923 min Scan# 498  
Delta R.T. -0.000 min  
Lab File: VW027107.D  
Acq: 14 Sep 2023 17:03

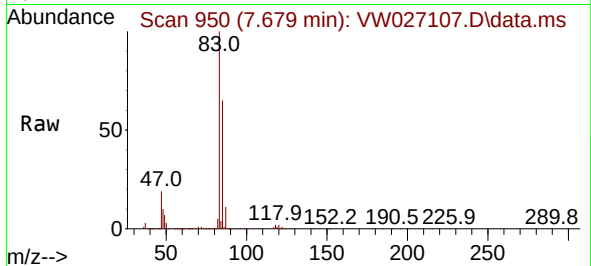
Tgt Ion: 84 Resp: 41331  
Ion Ratio Lower Upper  
84 100  
86 63.2 44.1 81.9  
49 110.5 82.1 152.5





#25  
Chloroform  
Concen: 14.662 ug/L  
RT: 7.679 min Scan# 950  
Delta R.T. -0.000 min  
Lab File: VW027107.D  
Acq: 14 Sep 2023 17:03

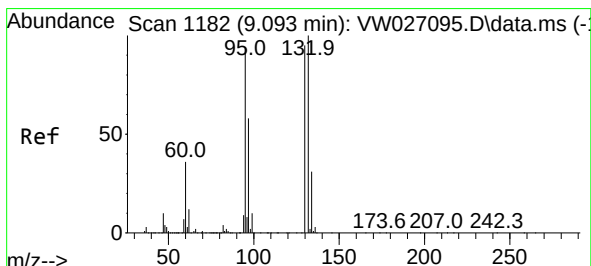
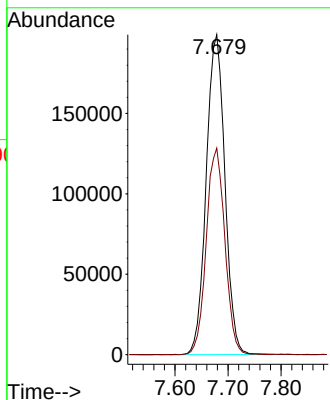
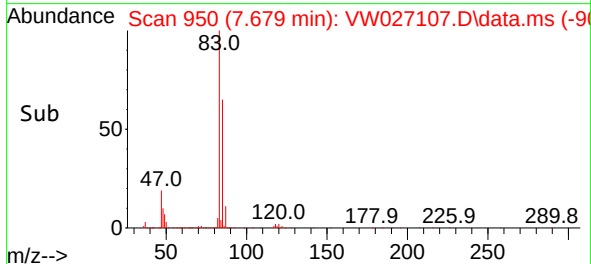
Instrument :  
MSVOA\_W  
ClientSampleId :  
EZYX1



Tgt Ion: 83 Resp: 48575  
Ion Ratio Lower Upper  
83 100  
85 64.5 47.3 87.9

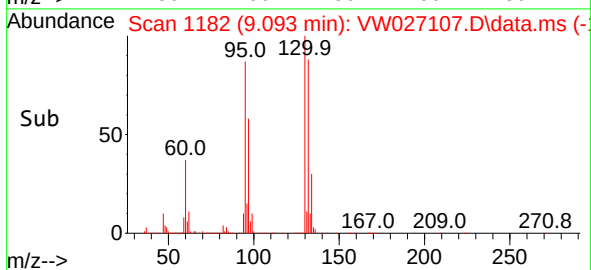
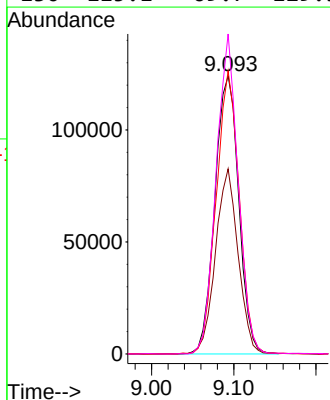
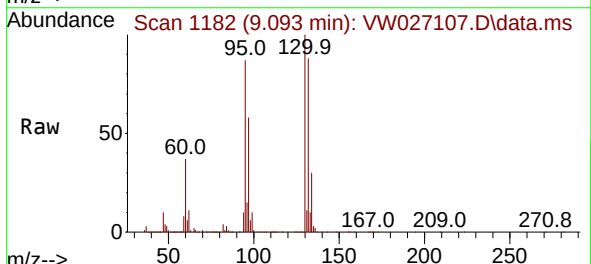
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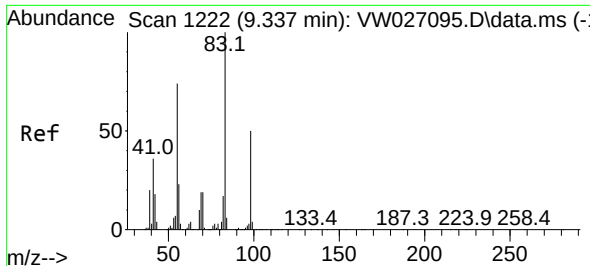
Reviewed By :Semsettin Yesilyurt 09/15/2023  
Supervised By :Mahesh Dadoda 09/15/2023



#34  
Trichloroethene  
Concen: 13.611 ug/L  
RT: 9.093 min Scan# 1182  
Delta R.T. -0.000 min  
Lab File: VW027107.D  
Acq: 14 Sep 2023 17:03

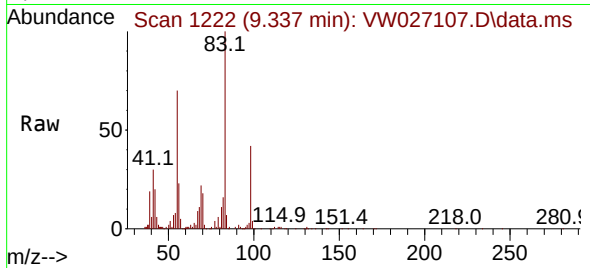
Tgt Ion: 95 Resp: 249762  
Ion Ratio Lower Upper  
95 100  
97 66.6 42.4 78.8  
132 101.7 63.1 117.3  
130 115.1 69.7 129.5





#35  
Methylcyclohexane  
Concen: 1.213 ug/L  
RT: 9.337 min Scan# 1222  
Delta R.T. -0.000 min  
Lab File: VW027107.D  
Acq: 14 Sep 2023 17:03

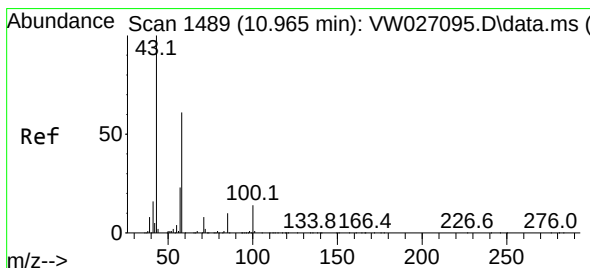
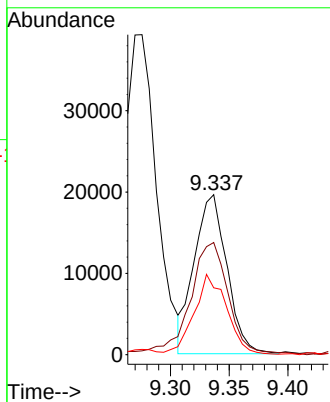
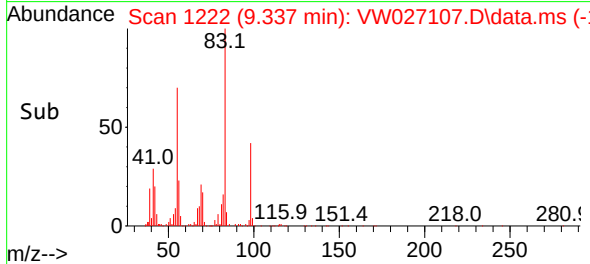
Instrument :  
MSVOA\_W  
ClientSampleId :  
EZYX1



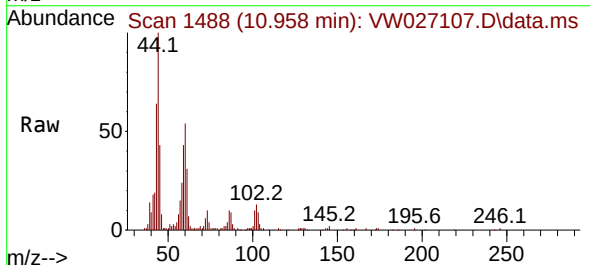
Tgt Ion: 83 Resp: 37810  
Ion Ratio Lower Upper  
83 100  
55 84.9 61.7 92.5  
98 50.4 38.3 57.5

Manual Integrations  
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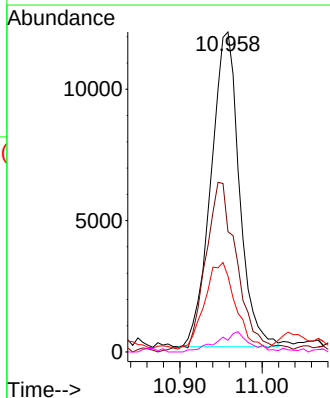
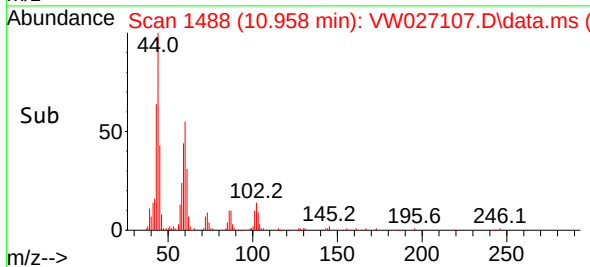
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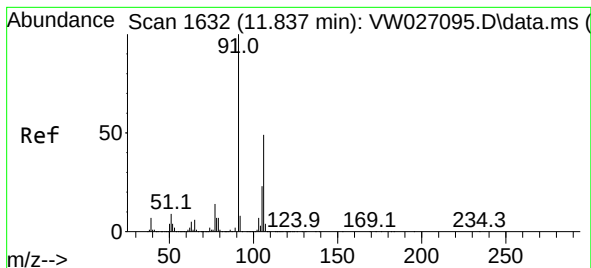


#48  
2-Hexanone  
Concen: 4.482 ug/L  
RT: 10.958 min Scan# 1488  
Delta R.T. -0.006 min  
Lab File: VW027107.D  
Acq: 14 Sep 2023 17:03



Tgt Ion: 43 Resp: 28742  
Ion Ratio Lower Upper  
43 100  
58 57.8 47.5 71.3  
57 29.9 15.2 22.8#  
100 1.5 10.5 15.7#





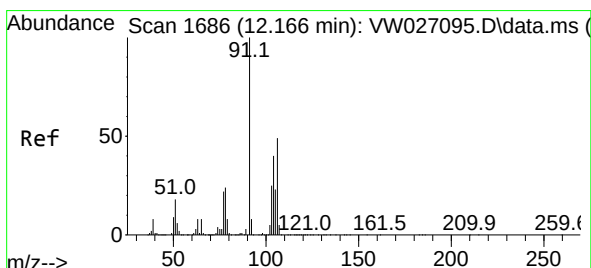
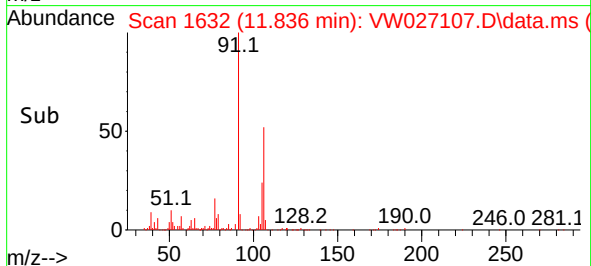
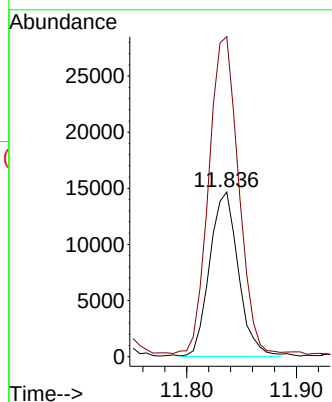
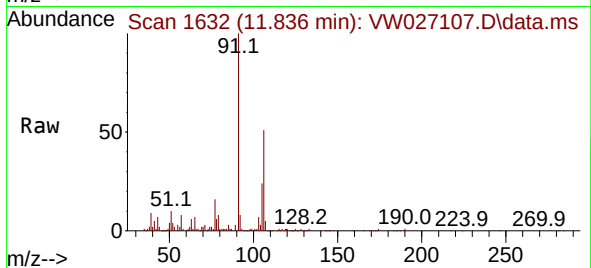
#53  
m,p-Xylene  
Concen: 0.863 ug/L  
RT: 11.836 min Scan# 1632  
Delta R.T. -0.000 min  
Lab File: VW027107.D  
Acq: 14 Sep 2023 17:03

Instrument :  
MSVOA\_W  
ClientSampleId :  
EZYX1

Tgt Ion:106 Resp: 2660  
Ion Ratio Lower Upper  
106 100  
91 194.4 139.6 259.2

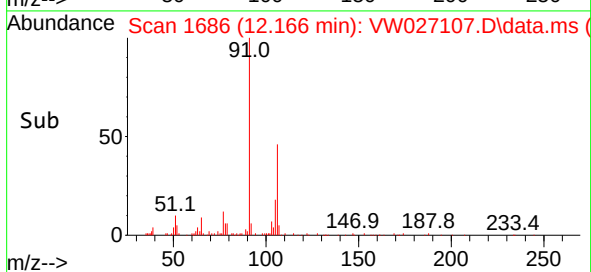
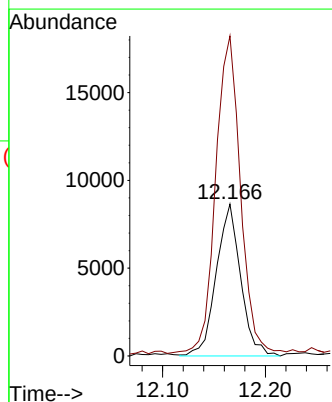
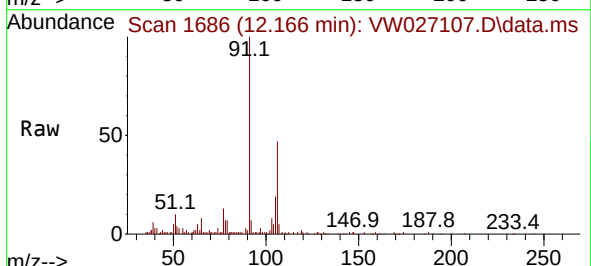
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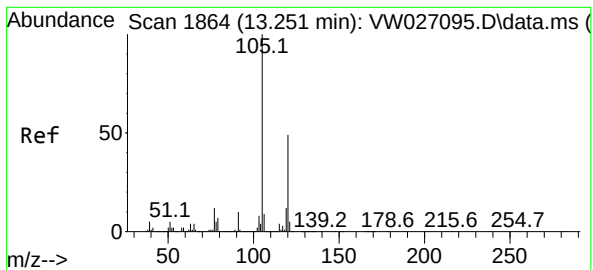
Reviewed By :Semsettin Yesilyurt 09/15/2023  
Supervised By :Mahesh Dadoda 09/15/2023



#54  
o-Xylene  
Concen: 0.494 ug/L  
RT: 12.166 min Scan# 1686  
Delta R.T. -0.000 min  
Lab File: VW027107.D  
Acq: 14 Sep 2023 17:03

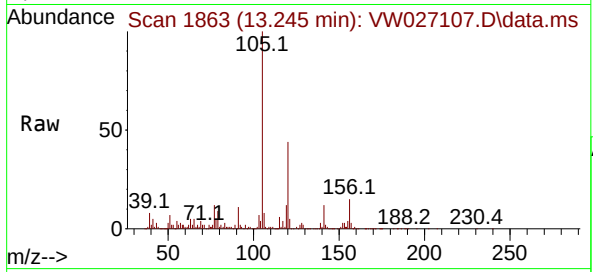
Tgt Ion:106 Resp: 14253  
Ion Ratio Lower Upper  
106 100  
91 210.9 154.0 286.0





#63  
 1,2,4-Trimethylbenzene  
 Concen: 1.400 ug/L  
 RT: 13.245 min Scan# 11  
 Delta R.T. -0.000 min  
 Lab File: VW027107.D  
 Acq: 14 Sep 2023 17:03

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
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Tgt Ion:105 Resp: 78012  
 Ion Ratio Lower Upper  
 105 100  
 120 45.2 36.3 54.5

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