

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU070124\  
 Data File : VU059720.D  
 Acq On : 02 Jul 2024 05:39  
 Operator : MD/SY  
 Sample : P3084-02  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 E1G75

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 07/05/2024  
 Supervised By :Semsettin Yesilyurt 07/05/2024

Quant Time: Jul 02 07:23:10 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Jun 29 01:51:23 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.242          | 114  | 208629     | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.412          | 117  | 203891     | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807         | 152  | 98922      | 5.000    | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.595          | 65   | 31611      | 2.179    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 40 - 130 |      | Recovery = | 43.600%  |       |          |
| 7) Chloroethane-d5            | 1.911          | 69   | 39005      | 2.794    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 65 - 130 |      | Recovery = | 55.800%# |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.560          | 65   | 16737      | 2.781    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 60 - 125 |      | Recovery = | 55.600%# |       |          |
| 20) 2-Butanone-d5             | 4.618          | 46   | 150687     | 50.427   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 40 - 130 |      | Recovery = | 100.860% |       |          |
| 24) Chloroform-d              | 5.055          | 84   | 107149     | 3.598    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = | 72.000%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.695          | 65   | 55277      | 3.854    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = | 77.000%  |       |          |
| 32) Benzene-d6                | 5.721          | 84   | 206464     | 3.679    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = | 73.600%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.682          | 67   | 69212      | 4.025    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 60 - 140 |      | Recovery = | 80.600%  |       |          |
| 41) Toluene-d8                | 7.891          | 98   | 178235     | 3.417    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = | 68.400%# |       |          |
| 43) trans-1,3-Dichloroprop... | 8.174          | 79   | 19620      | 3.644    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 55 - 130 |      | Recovery = | 72.800%  |       |          |
| 46) 2-Hexanone-d5             | 8.627          | 63   | 120424     | 53.829   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 45 - 130 |      | Recovery = | 107.660% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749         | 84   | 60110      | 4.231    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 65 - 120 |      | Recovery = | 84.600%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.187         | 152  | 77340      | 4.393    | ug/L  | 0.00     |
| Spiked Amount 5.000           | Range 80 - 120 |      | Recovery = | 87.800%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       |          |
| 5) Vinyl chloride             | 1.602          | 62   | 4533       | 0.216    | ug/L  | 86       |
| 13) Acetone                   | 2.631          | 43   | 32835m     | 16.939   | ug/L  |          |
| 22) cis-1,2-Dichloroethene    | 4.656          | 96   | 68190      | 4.020    | ug/L  | 95       |
| 25) Chloroform                | 5.081          | 83   | 9152       | 0.306    | ug/L  | 90       |
| 34) Trichloroethene           | 6.537          | 95   | 12836      | 0.766    | ug/L  | 92       |
| 42) Toluene                   | 7.965          | 91   | 17509      | 0.267    | ug/L  | 96       |
| 53) m,p-Xylene                | 9.692          | 106  | 4444       | 0.172    | ug/L  | 78       |
| 63) 1,2,4-Trimethylbenzene    | 11.466         | 105  | 3992       | 0.086    | ug/L  | 99       |
| -----                         |                |      |            |          |       |          |

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

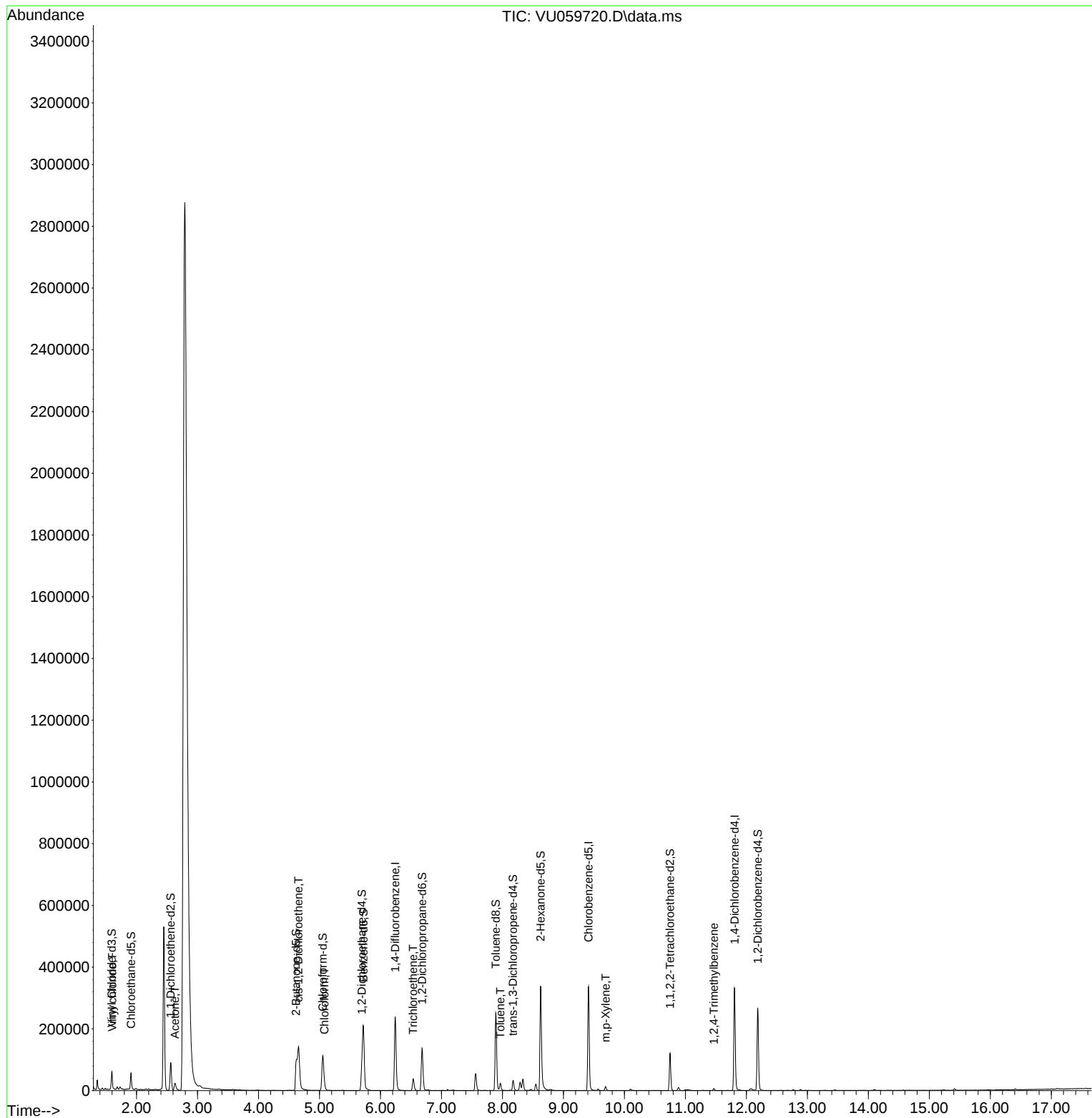
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Data File : VU059720.D  
Acq On : 02 Jul 2024 05:39  
Operator : MD/SY  
Sample : P3084-02  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 53 Sample Multiplier: 1

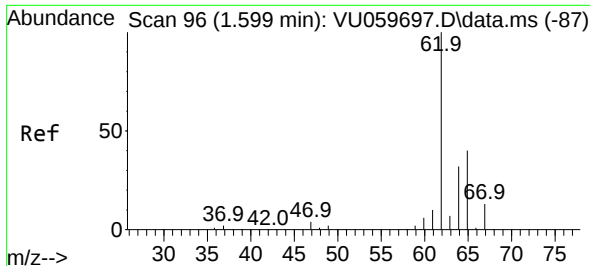
Instrument :  
MSVOA\_U  
ClientSampleId :  
E1G75

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Reviewed By :Mahesh Dadoda 07/05/2024  
Supervised By :Semsettin Yesilyurt 07/05/2024

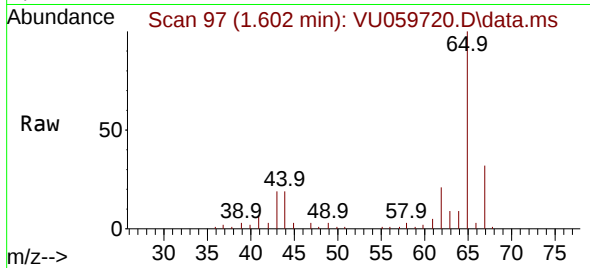
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat Jun 29 01:51:23 2024  
Response via : Initial Calibration





#5  
Vinyl chloride  
Concen: 0.216 ug/L  
RT: 1.602 min Scan# 91  
Delta R.T. 0.003 min  
Lab File: VU059720.D  
Acq: 02 Jul 2024 05:39

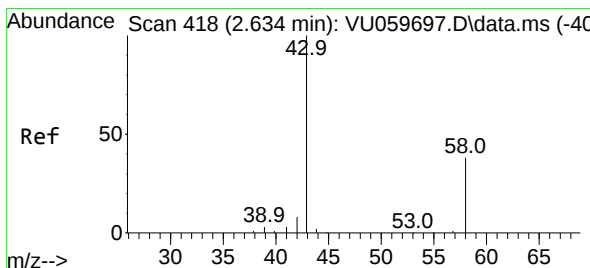
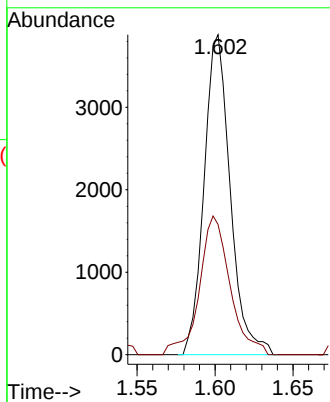
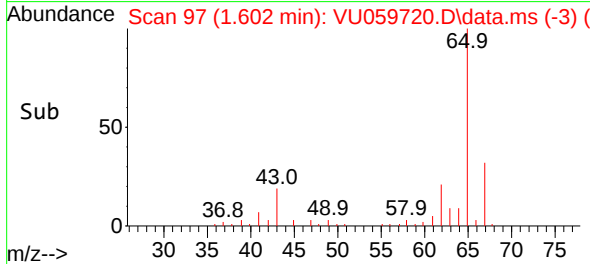
Instrument :  
MSVOA\_U  
ClientSampleId :  
E1G75



Tgt Ion: 62 Resp: 453  
Ion Ratio Lower Upper  
62 100  
64 40.7 23.1 42.9

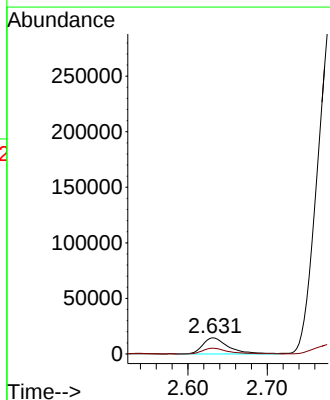
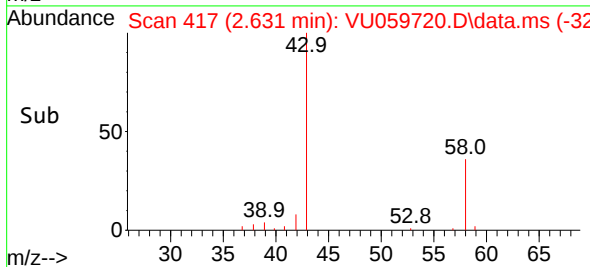
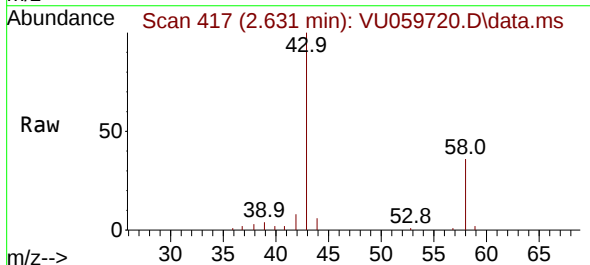
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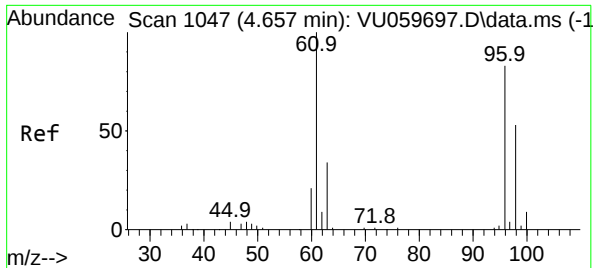
Reviewed By :Mahesh Dadoda 07/05/2024  
Supervised By :Semsettin Yesilyurt 07/05/2024



#13  
Acetone  
Concen: 16.939 ug/L m  
RT: 2.631 min Scan# 417  
Delta R.T. -0.003 min  
Lab File: VU059720.D  
Acq: 02 Jul 2024 05:39

Tgt Ion: 43 Resp: 32835  
Ion Ratio Lower Upper  
43 100  
58 35.4 0.0 68.0





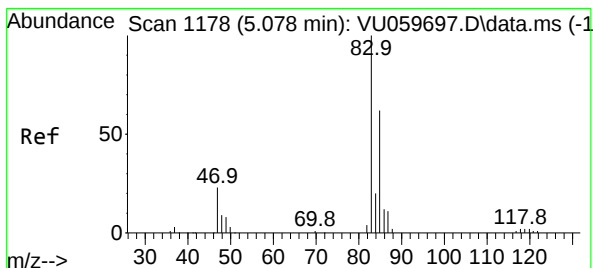
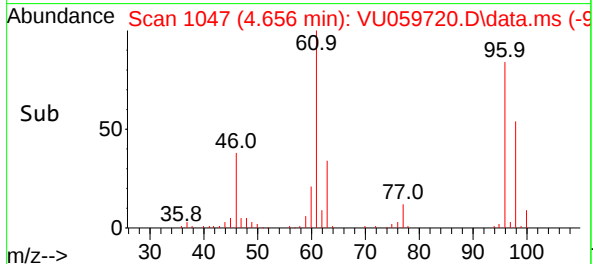
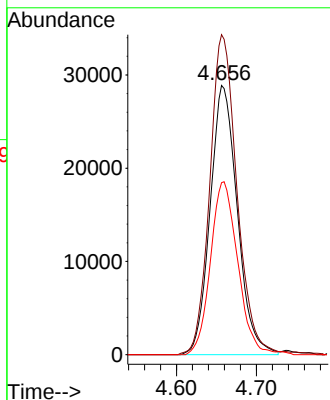
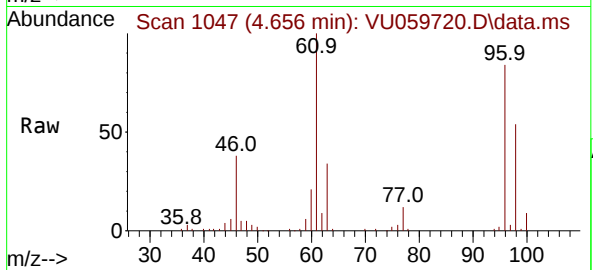
#22  
 cis-1,2-Dichloroethene  
 Concen: 4.020 ug/L  
 RT: 4.656 min Scan# 1047  
 Delta R.T. -0.003 min  
 Lab File: VU059720.D  
 Acq: 02 Jul 2024 05:39

Instrument :  
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 E1G75

Tgt Ion: 96 Resp: 68190  
 Ion Ratio Lower Upper  
 96 100  
 61 118.8 87.4 162.2  
 98 63.9 42.3 78.5

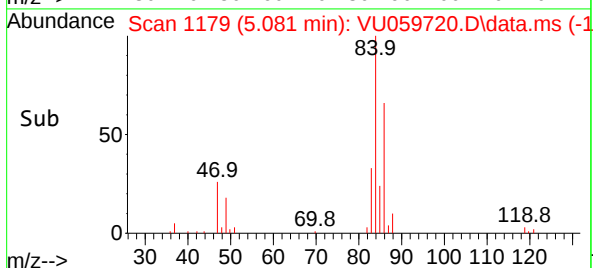
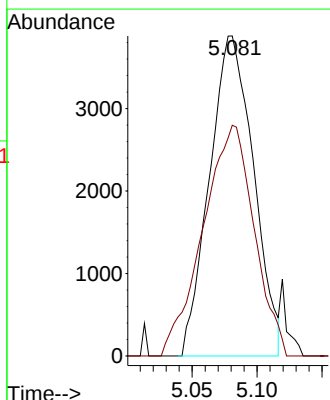
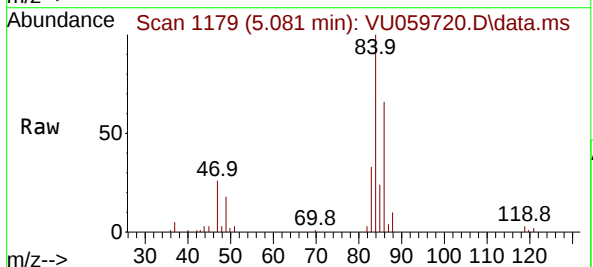
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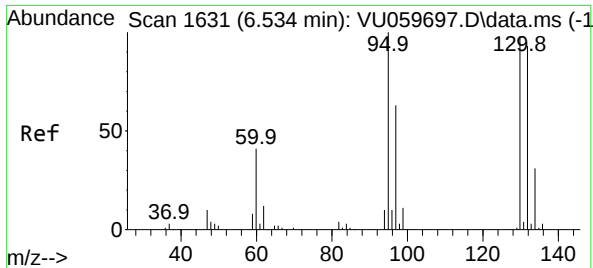
Reviewed By :Mahesh Dadoda 07/05/2024  
 Supervised By :Semsettin Yesilyurt 07/05/2024



#25  
 Chloroform  
 Concen: 0.306 ug/L  
 RT: 5.081 min Scan# 1179  
 Delta R.T. 0.003 min  
 Lab File: VU059720.D  
 Acq: 02 Jul 2024 05:39

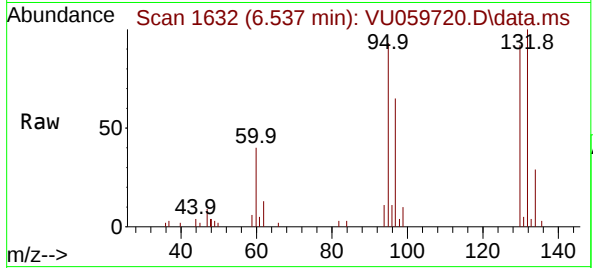
Tgt Ion: 83 Resp: 9152  
 Ion Ratio Lower Upper  
 83 100  
 85 72.1 44.7 83.1





#34  
Trichloroethene  
Concen: 0.766 ug/L  
RT: 6.537 min Scan# 1632  
Delta R.T. 0.000 min  
Lab File: VU059720.D  
Acq: 02 Jul 2024 05:39

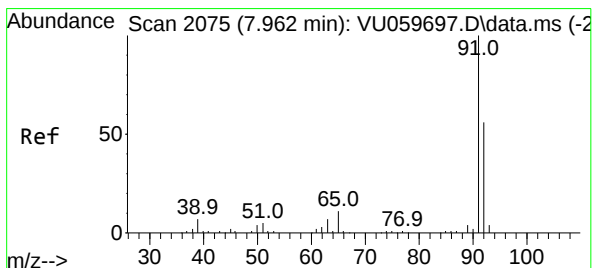
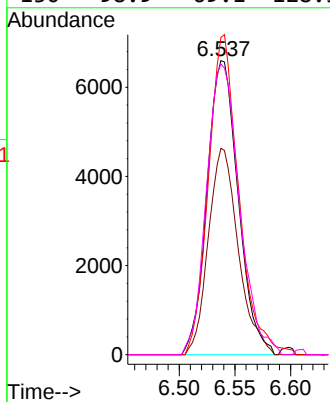
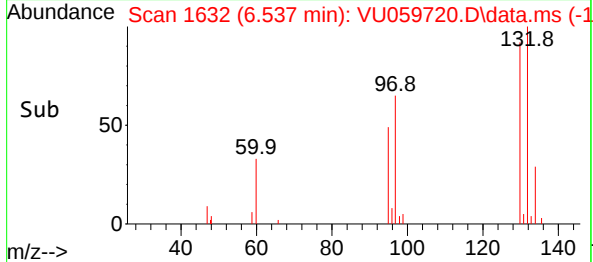
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MSVOA\_U  
ClientSampleId :  
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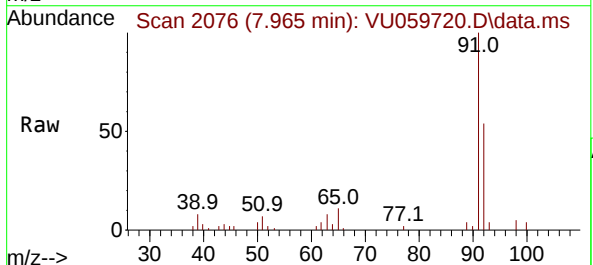
Tgt Ion: 95 Resp: 12830  
Ion Ratio Lower Upper  
95 100  
97 70.2 45.3 84.1  
132 107.9 64.0 119.0  
130 98.9 69.1 128.3

Manual Integrations  
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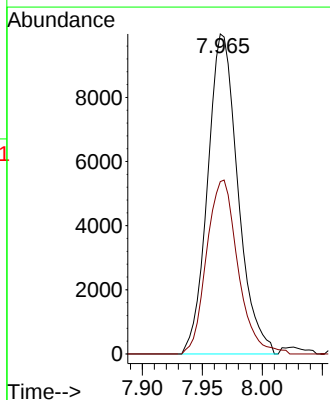
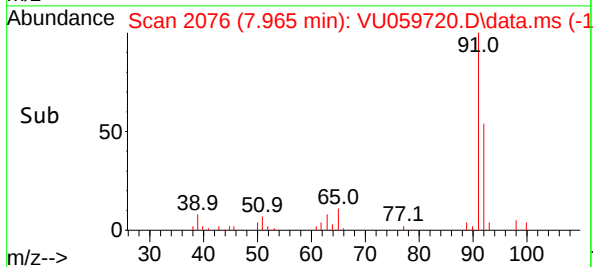
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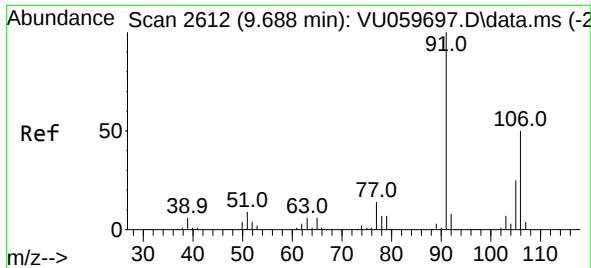


#42  
Toluene  
Concen: 0.267 ug/L  
RT: 7.965 min Scan# 2076  
Delta R.T. 0.003 min  
Lab File: VU059720.D  
Acq: 02 Jul 2024 05:39



Tgt Ion: 91 Resp: 17509  
Ion Ratio Lower Upper  
91 100  
92 53.8 39.7 73.7





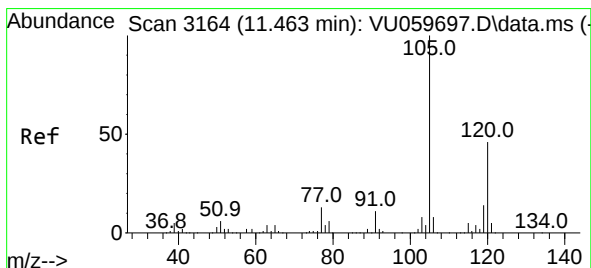
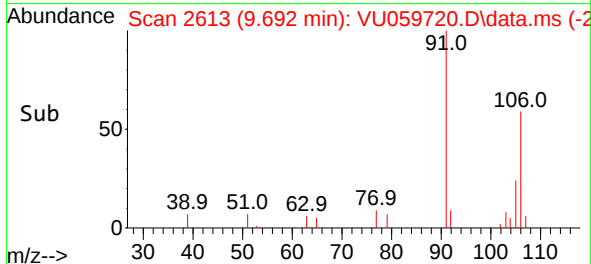
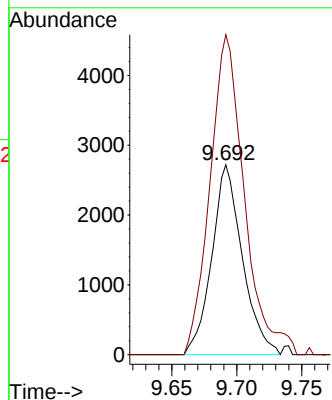
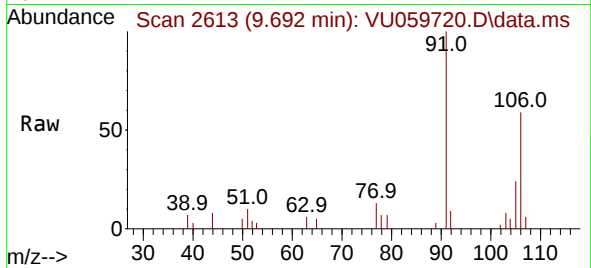
#53  
m,p-Xylene  
Concen: 0.172 ug/L  
RT: 9.692 min Scan# 206  
Delta R.T. 0.003 min  
Lab File: VU059720.D  
Acq: 02 Jul 2024 05:39

Instrument :  
MSVOA\_U  
ClientSampleId :  
E1G75

Tgt Ion:106 Resp: 444  
Ion Ratio Lower Upper  
106 100  
91 168.5 142.0 263.8

Manual Integrations  
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#63  
1,2,4-Trimethylbenzene  
Concen: 0.086 ug/L  
RT: 11.466 min Scan# 3165  
Delta R.T. 0.003 min  
Lab File: VU059720.D  
Acq: 02 Jul 2024 05:39

Tgt Ion:105 Resp: 3992  
Ion Ratio Lower Upper  
105 100  
120 43.3 35.4 53.0

