

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU061022\  
 Data File : VU049031.D  
 Acq On : 11 Jun 2022 05:12  
 Operator : SY/MD  
 Sample : N3249-13  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 45 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EXYW4

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 06/12/2022  
 Supervised By :Mahesh Dadoda 06/15/2022

Quant Time: Jun 11 07:57:05 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM061022WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jun 11 04:33:31 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response             | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|----------------------|---------|--------|----------|
| -----                         |                |      |                      |         |        |          |
| Internal Standards            |                |      |                      |         |        |          |
| 1) 1,4-Difluorobenzene        | 6.247          | 114  | 219875               | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417          | 117  | 212805               | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812         | 152  | 99569                | 50.000  | ug/L   | 0.00     |
| System Monitoring Compounds   |                |      |                      |         |        |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 70476                | 52.030  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 104.060%  |         |        |          |
| 7) Chloroethane-d5            | 1.890          | 69   | 51605                | 51.888  | ug/L   | -0.01    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 103.780%  |         |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.559          | 63   | 99913                | 39.090  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 78.180%   |         |        |          |
| 21) 2-Butanone-d5             | 4.620          | 46   | 165491               | 111.434 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 111.430%  |         |        |          |
| 24) Chloroform-d              | 5.063          | 84   | 161409               | 55.859  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 111.720%  |         |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.700          | 65   | 111258               | 59.431  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 118.860%  |         |        |          |
| 32) Benzene-d6                | 5.726          | 84   | 299668               | 56.789  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 113.580%  |         |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.690          | 67   | 104932               | 59.152  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 118.300%  |         |        |          |
| 41) Toluene-d8                | 7.896          | 98   | 253924               | 54.563  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 109.120%  |         |        |          |
| 43) trans-1,3-Dichloroprop... | 8.179          | 79   | 38290                | 45.881  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 91.760%   |         |        |          |
| 47) 2-Hexanone-d5             | 8.632          | 63   | 101937               | 109.794 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 109.790%  |         |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758         | 84   | 180495               | 60.919  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 121.840%# |         |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195         | 152  | 101916               | 58.828  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 117.660%  |         |        |          |
| Target Compounds              |                |      |                      |         |        |          |
|                               |                |      |                      |         | Qvalue |          |
| 19) 1,1-Dichloroethane        | 3.867          | 63   | 5028                 | 1.565   | ug/L   | 92       |
| 22) 2-Butanone                | 4.710          | 43   | 3184m                | 1.773   | ug/L   |          |
| 30) 1,1,1-Trichloroethane     | 5.314          | 97   | 89445                | 30.139  | ug/L   | 99       |
| 46) Tetrachloroethene         | 8.552          | 164  | 2960                 | 2.197   | ug/L   | 99       |
| -----                         |                |      |                      |         |        |          |

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

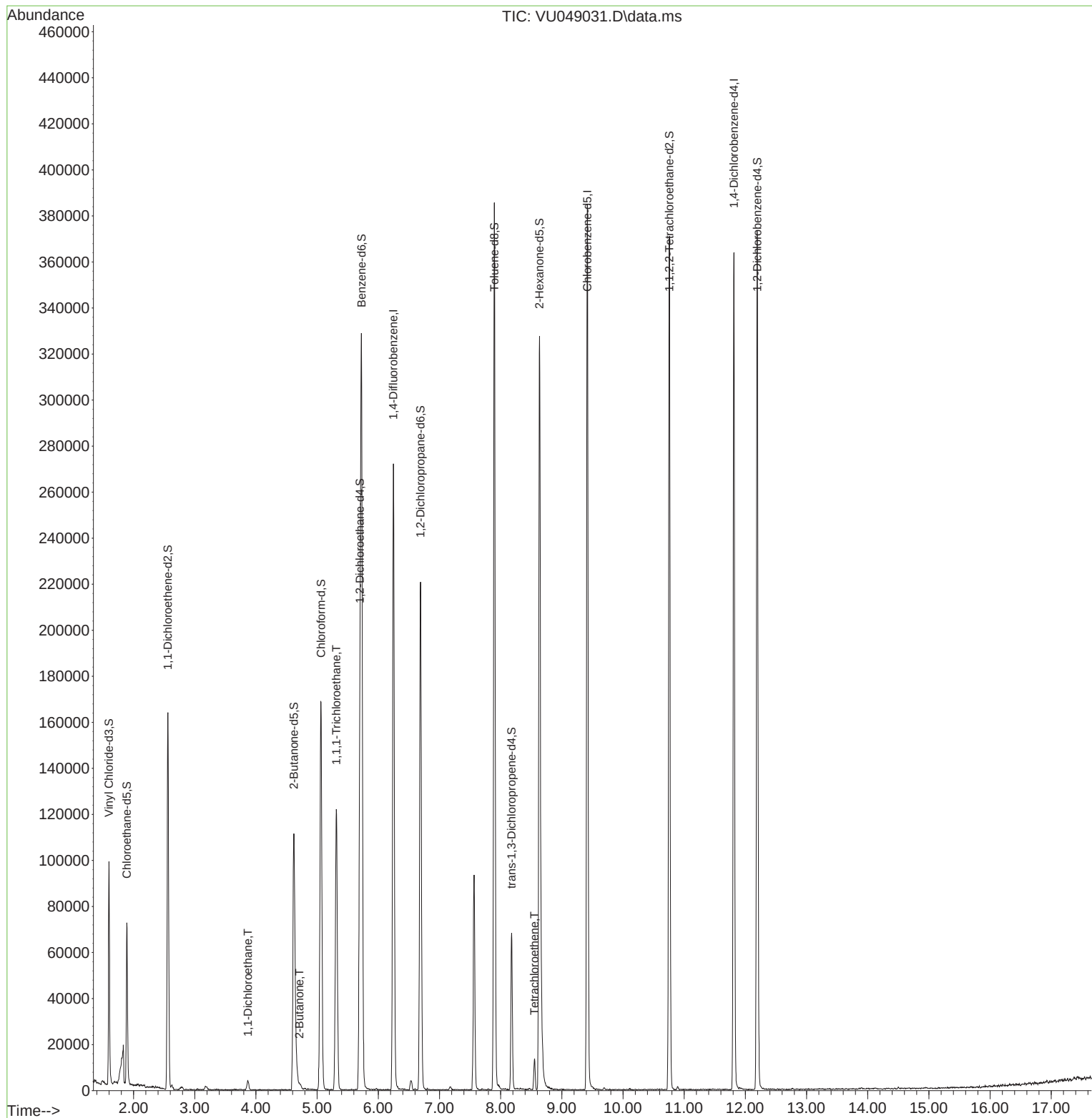
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU061022\  
Data File : VU049031.D  
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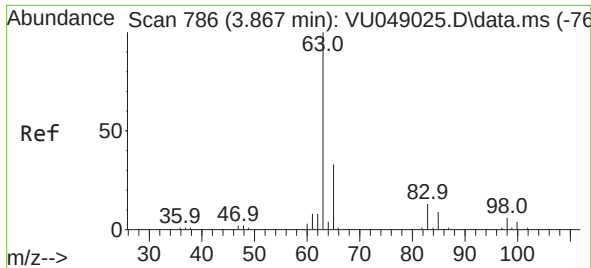
Instrument :  
MSVOA\_U  
ClientSampleId :  
EXYW4

Quant Time: Jun 11 07:57:05 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM061022WMA.M  
Quant Title : VOC Analysis  
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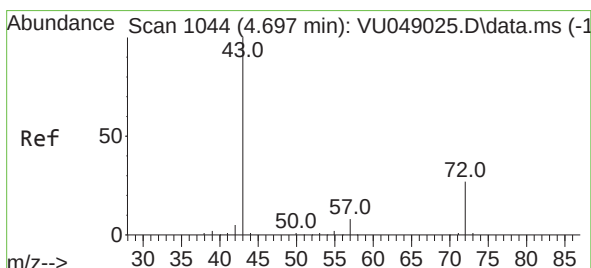
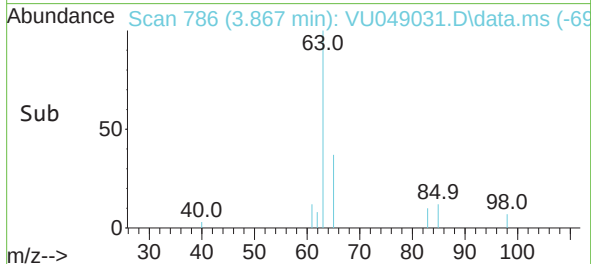
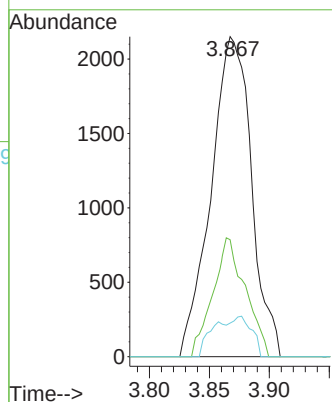
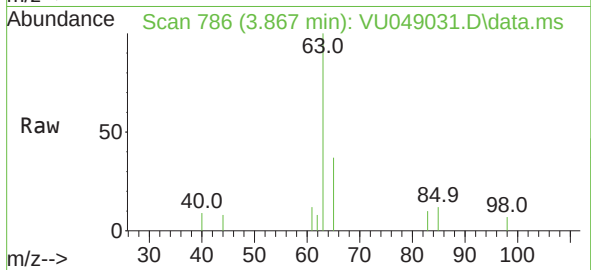
#19  
1,1-Dichloroethane  
Concen: 1.565 ug/L  
RT: 3.867 min Scan# 786  
Delta R.T. -0.000 min  
Lab File: VU049031.D  
Acq: 11 Jun 2022 05:12

Instrument :  
MSVOA\_U  
ClientSampleId :  
EXYW4

Tgt Ion: 63 Resp: 5028  
Ion Ratio Lower Upper  
63 100  
65 36.6 22.3 41.5  
83 10.5 9.5 17.7

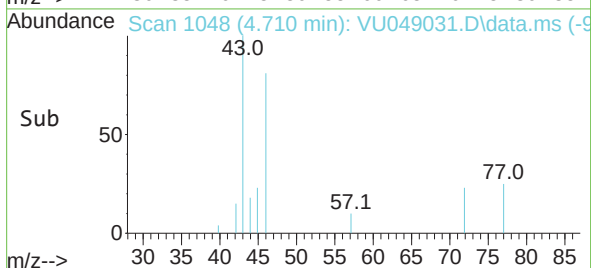
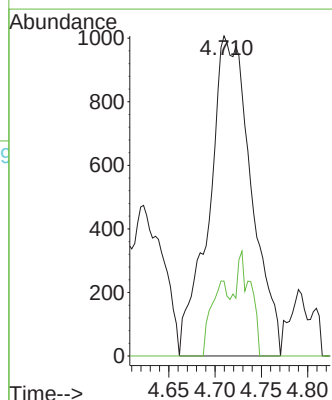
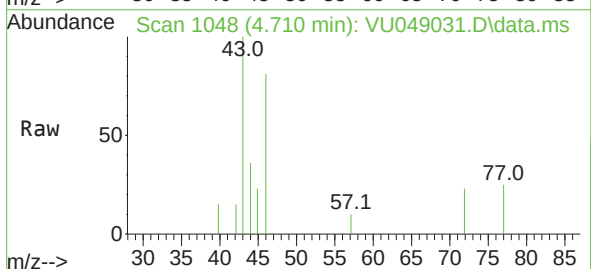
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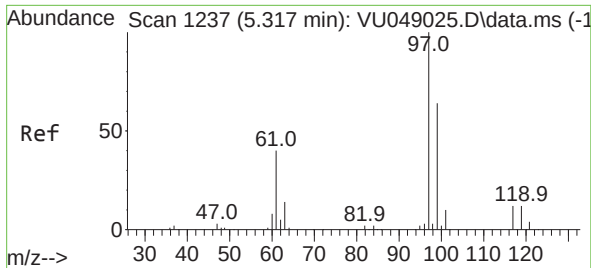
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#22  
2-Butanone  
Concen: 1.773 ug/L m  
RT: 4.710 min Scan# 1048  
Delta R.T. 0.013 min  
Lab File: VU049031.D  
Acq: 11 Jun 2022 05:12

Tgt Ion: 43 Resp: 3184  
Ion Ratio Lower Upper  
43 100  
72 9.9 13.7 41.0#





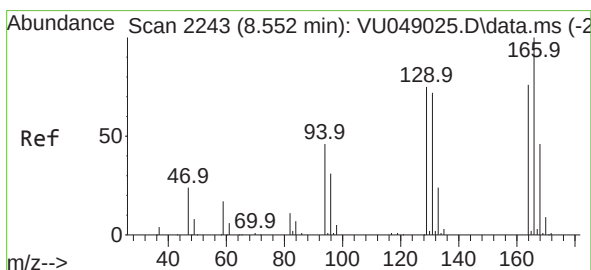
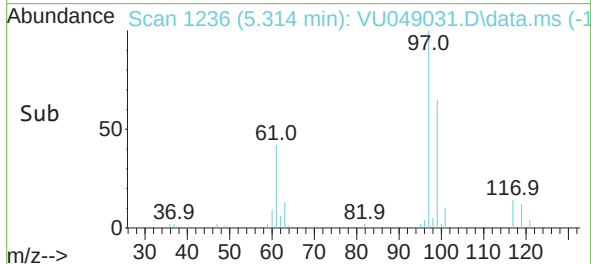
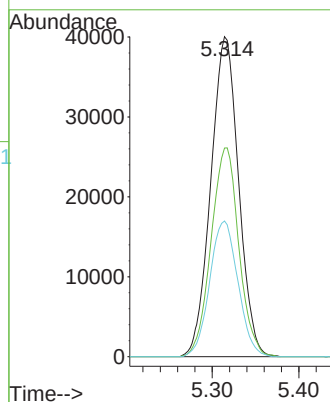
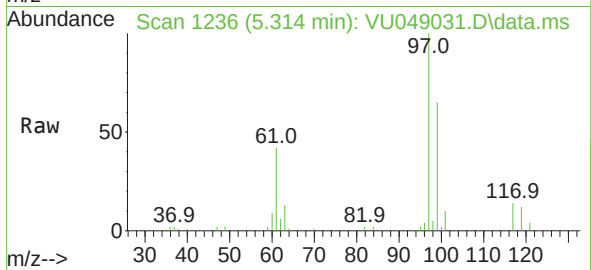
#30  
1,1,1-Trichloroethane  
Concen: 30.139 ug/L  
RT: 5.314 min Scan# 1237  
Delta R.T. -0.003 min  
Lab File: VU049031.D  
Acq: 11 Jun 2022 05:12

Instrument :  
MSVOA\_U  
ClientSampleId :  
EXYW4

Tgt Ion: 97 Resp: 8944  
Ion Ratio Lower Upper  
97 100  
99 65.2 50.9 76.3  
61 43.1 34.2 51.2

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#46  
Tetrachloroethene  
Concen: 2.197 ug/L  
RT: 8.552 min Scan# 2243  
Delta R.T. -0.000 min  
Lab File: VU049031.D  
Acq: 11 Jun 2022 05:12

Tgt Ion:164 Resp: 2960  
Ion Ratio Lower Upper  
164 100  
129 100.7 70.9 131.7  
131 93.9 66.2 123.0  
166 128.7 88.1 163.5

