

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU101023\  
 Data File : VU055731.D  
 Acq On : 10 Oct 2023 19:13  
 Operator : MD/SY  
 Sample : 04707-09ME  
 Misc : 6.76g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EY1A8ME

Quant Time: Oct 11 05:56:35 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM101023WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Oct 11 05:51:51 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 10/11/2023  
 Supervised By : Mahesh Dadoda 10/11/2023

| Compound                      | R.T.           | QIon | Response             | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|----------------------|---------|--------|----------|
| -----                         |                |      |                      |         |        |          |
| Internal Standards            |                |      |                      |         |        |          |
| 1) 1,4-Difluorobenzene        | 6.242          | 114  | 450169               | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.418          | 117  | 454735               | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.814         | 152  | 198381               | 50.000  | ug/L   | 0.00     |
|                               |                |      |                      |         |        |          |
| System Monitoring Compounds   |                |      |                      |         |        |          |
| 4) Vinyl Chloride-d3          | 1.596          | 65   | 210160               | 52.047  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 104.100%  |         |        |          |
| 7) Chloroethane-d5            | 1.875          | 69   | 97734m               | 29.611  | ug/L   | -0.04    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 59.220%#  |         |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.531          | 63   | 296018               | 41.115  | ug/L   | -0.04    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 82.240%   |         |        |          |
| 21) 2-Butanone-d5             | 4.628          | 46   | 361818               | 120.930 | ug/L   | 0.02     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 120.930%  |         |        |          |
| 24) Chloroform-d              | 5.055          | 84   | 415602               | 53.689  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 107.380%  |         |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.692          | 65   | 283682               | 59.539  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 119.080%  |         |        |          |
| 32) Benzene-d6                | 5.714          | 84   | 834841               | 57.380  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 114.760%  |         |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.685          | 67   | 266704               | 57.903  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 115.800%  |         |        |          |
| 41) Toluene-d8                | 7.894          | 98   | 759886               | 57.840  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 115.680%  |         |        |          |
| 43) trans-1,3-Dichloroprop... | 8.177          | 79   | 125401               | 56.676  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 113.360%  |         |        |          |
| 47) 2-Hexanone-d5             | 8.660          | 63   | 265935               | 146.864 | ug/L   | 0.03     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 146.860%# |         |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.762         | 84   | 420626               | 59.328  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 118.660%  |         |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.193         | 152  | 255596               | 64.925  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 129.860%# |         |        |          |
|                               |                |      |                      |         |        |          |
| Target Compounds              |                |      |                      |         | Qvalue |          |
| 25) Chloroform                | 5.078          | 83   | 8338m                | 1.193   | ug/L   |          |
| 31) Carbon tetrachloride      | 5.512          | 117  | 113769               | 22.124  | ug/L   | 99       |
| 46) Tetrachloroethene         | 8.550          | 164  | 1185144              | 420.861 | ug/L   | 97       |
| -----                         |                |      |                      |         |        |          |

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

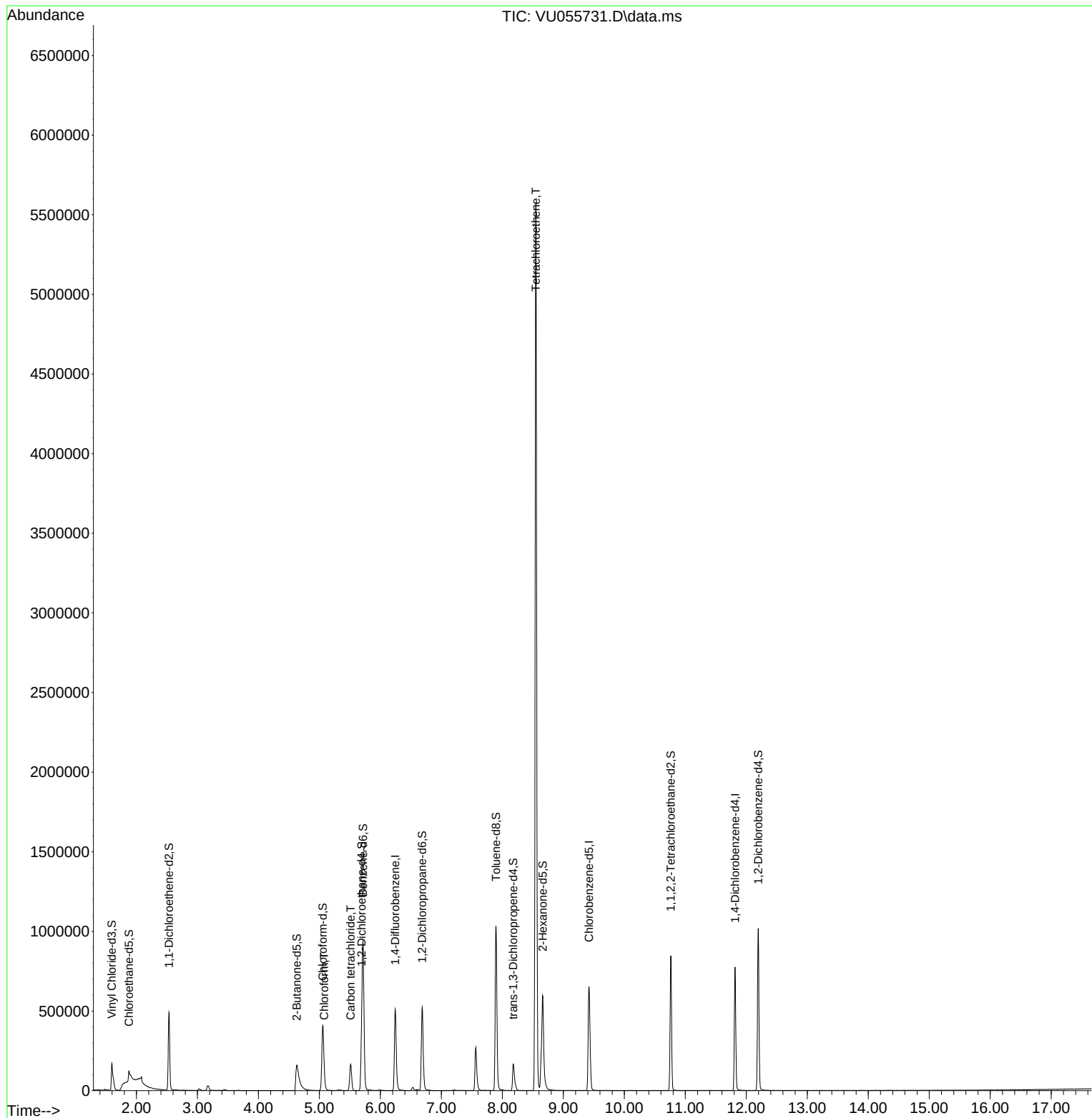
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU101023\  
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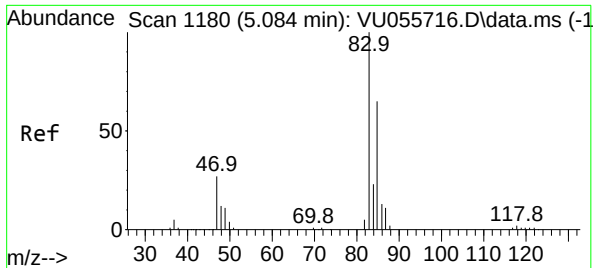
Instrument :  
MSVOA\_U  
ClientSampleId :  
EY1A8ME

Quant Time: Oct 11 05:56:35 2023  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM101023WMA.M  
Quant Title : VOC Analysis  
QLast Update : Wed Oct 11 05:51:51 2023  
Response via : Initial Calibration

Manual Integrations  
APPROVED

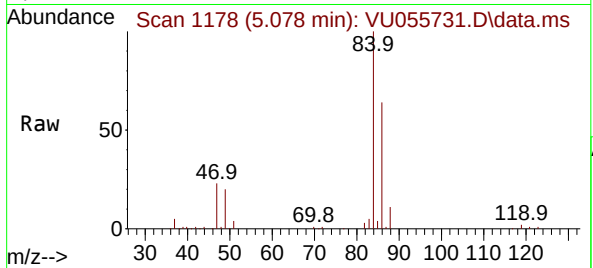
Reviewed By :John Carlone 10/11/2023  
Supervised By :Mahesh Dadoda 10/11/2023





#25  
Chloroform  
Concen: 1.193 ug/L m  
RT: 5.078 min Scan# 1180  
Delta R.T. -0.006 min  
Lab File: VU055731.D  
Acq: 10 Oct 2023 19:13

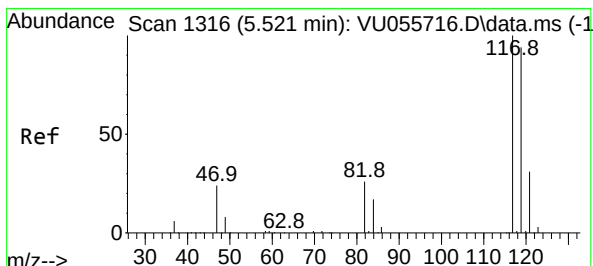
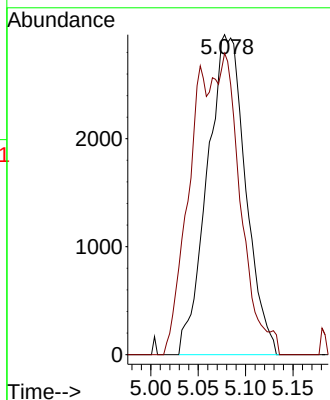
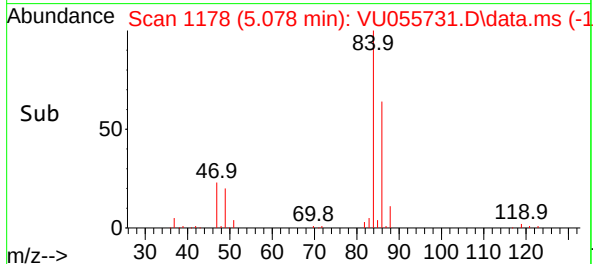
Instrument :  
MSVOA\_U  
ClientSampleId :  
EY1A8ME



Tgt Ion: 83 Resp: 8338  
Ion Ratio Lower Upper  
83 100  
85 94.2 46.3 86.1

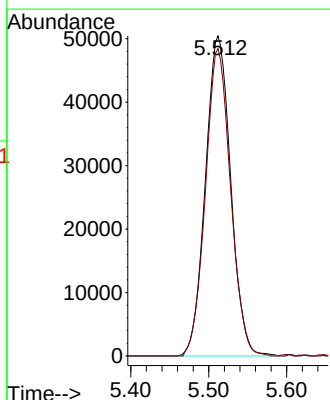
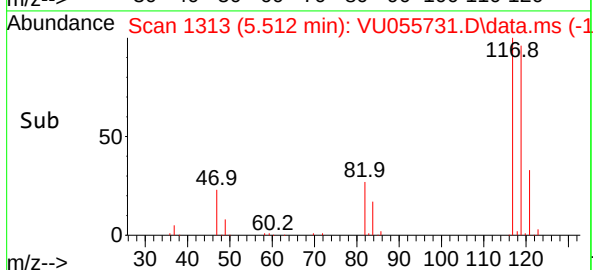
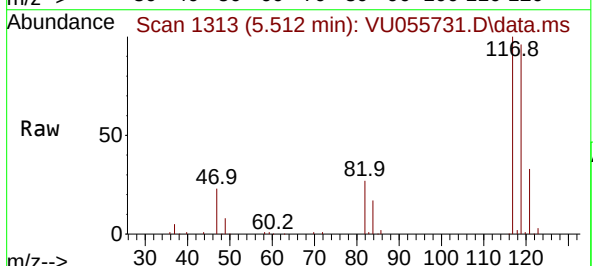
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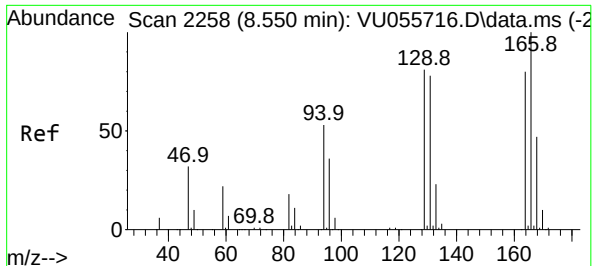
Reviewed By :John Carlone 10/11/2023  
Supervised By :Mahesh Dadoda 10/11/2023



#31  
Carbon tetrachloride  
Concen: 22.124 ug/L  
RT: 5.512 min Scan# 1313  
Delta R.T. -0.009 min  
Lab File: VU055731.D  
Acq: 10 Oct 2023 19:13

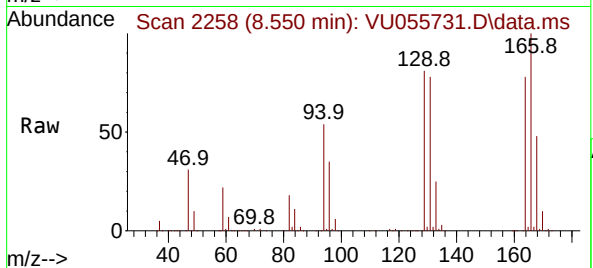
Tgt Ion:117 Resp: 113769  
Ion Ratio Lower Upper  
117 100  
119 95.4 75.4 113.0





#46  
Tetrachloroethene  
Concen: 420.861 ug/L  
RT: 8.550 min Scan# 21  
Delta R.T. 0.000 min  
Lab File: VU055731.D  
Acq: 10 Oct 2023 19:13

Instrument :  
MSVOA\_U  
ClientSampleId :  
EY1A8ME



Tgt Ion:164 Resp: 1185144  
Ion Ratio Lower Upper  
164 100  
129 102.8 70.7 131.3  
131 99.8 65.9 122.5  
166 127.5 87.8 163.0

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