

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041522\  
 Data File : VU048097.D  
 Acq On : 15 Apr 2022 13:03  
 Operator : SY/MD  
 Sample : N2373-02ME  
 Misc : 5.54g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFFD3ME

Quant Time: Apr 16 00:35:29 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 16 00:34:16 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/18/2022  
 Supervised By :Mahesh Dadoda 04/20/2022

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.247          | 114  | 282700     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.423          | 117  | 296459     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819         | 152  | 148537     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 42379      | 20.672   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 41.340%# |       |          |
| 7) Chloroethane-d5            | 1.874          | 69   | 29947m     | 18.526   | ug/L  | -0.04    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 37.060%# |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.536          | 63   | 60337      | 16.087   | ug/L  | -0.04    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 32.180%# |       |          |
| 21) 2-Butanone-d5             | 4.633          | 46   | 179543     | 102.037  | ug/L  | 0.01     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 102.040% |       |          |
| 24) Chloroform-d              | 5.060          | 84   | 139610     | 37.219   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 74.440%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.700          | 65   | 103349     | 44.923   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 89.840%  |       |          |
| 32) Benzene-d6                | 5.723          | 84   | 258968     | 34.715   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 69.440%# |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.690          | 67   | 94763      | 41.364   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 82.720%  |       |          |
| 41) Toluene-d8                | 7.896          | 98   | 191403     | 26.335   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 52.680%# |       |          |
| 43) trans-1,3-Dichloroprop... | 8.182          | 79   | 37175      | 32.030   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 64.060%  |       |          |
| 47) 2-Hexanone-d5             | 8.655          | 63   | 135019     | 100.676  | ug/L  | 0.02     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 100.680% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764         | 84   | 190961     | 48.570   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 97.140%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.198         | 152  | 96656      | 36.576   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 73.160%# |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 51) Chlorobenzene             | 9.449          | 112  | 13678      | 2.140    | ug/L  | 95       |
| 65) 1,4-Dichlorobenzene       | 11.841         | 146  | 9317       | 2.016    | ug/L  | 97       |
| 67) 1,2-Dichlorobenzene       | 12.217         | 146  | 6856       | 1.536    | ug/L  | 92       |
| -----                         |                |      |            |          |       |          |

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

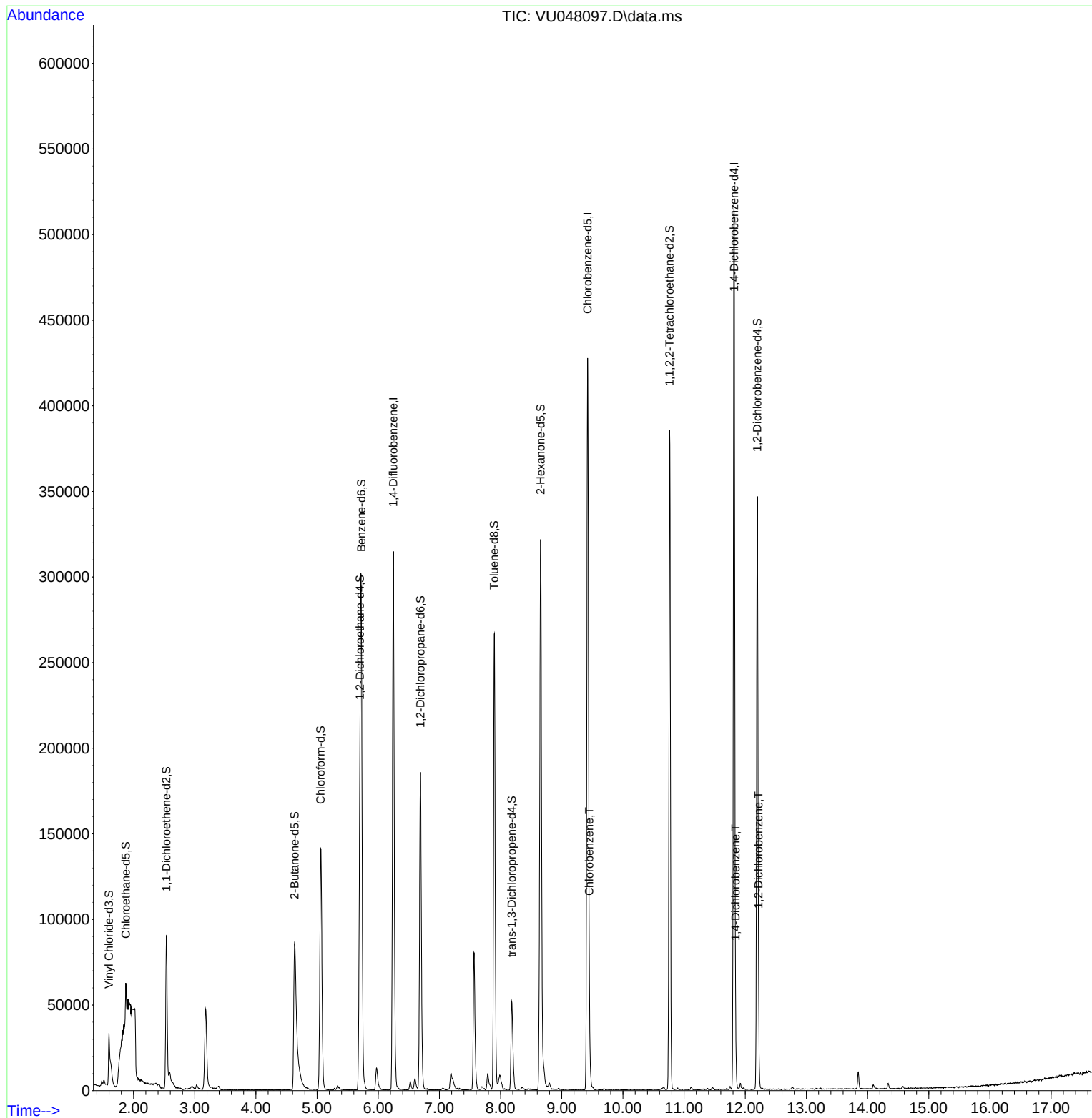
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041522\  
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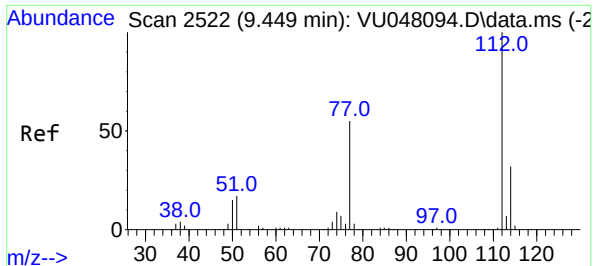
Instrument :  
MSVOA\_U  
ClientSampleId :  
BFFD3ME

Quant Time: Apr 16 00:35:29 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Apr 16 00:34:16 2022  
Response via : Initial Calibration

Manual Integrations  
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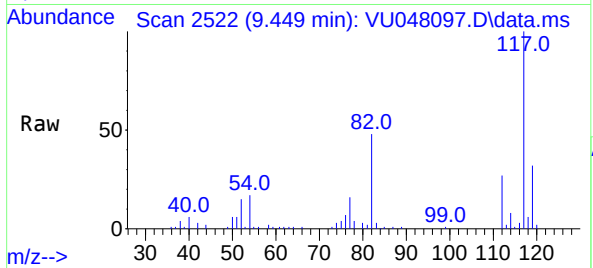
Reviewed By :Krupa Patel 04/18/2022  
Supervised By :Mahesh Dadoda 04/20/2022





#51  
Chlorobenzene  
Concen: 2.140 ug/L  
RT: 9.449 min Scan# 21  
Delta R.T. -0.000 min  
Lab File: VU048097.D  
Acq: 15 Apr 2022 13:03

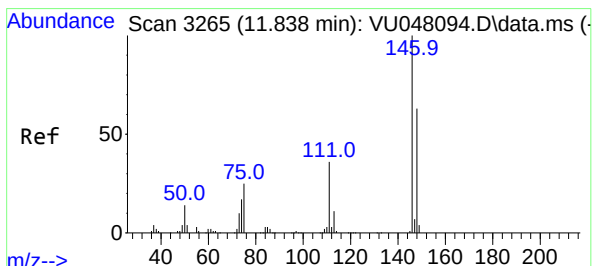
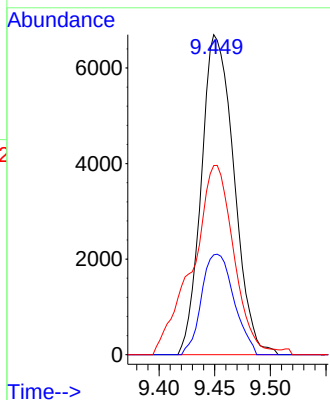
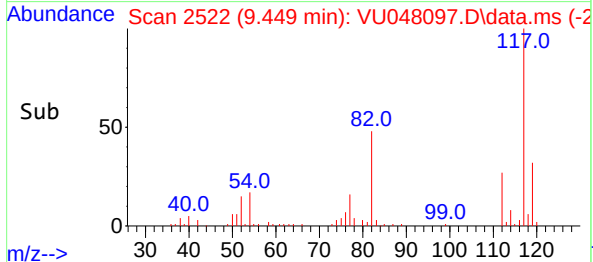
Instrument :  
MSVOA\_U  
ClientSampleId :  
BFFD3ME



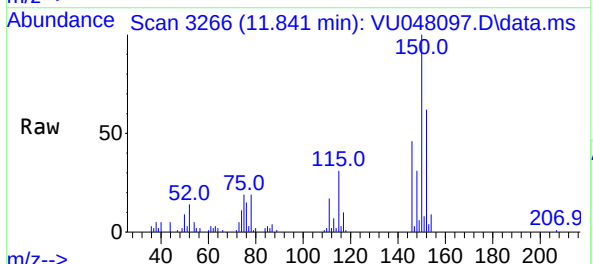
Tgt Ion:112 Resp: 13678  
Ion Ratio Lower Upper  
112 100  
114 31.2 22.1 41.1  
77 59.1 43.4 65.0

Manual Integrations  
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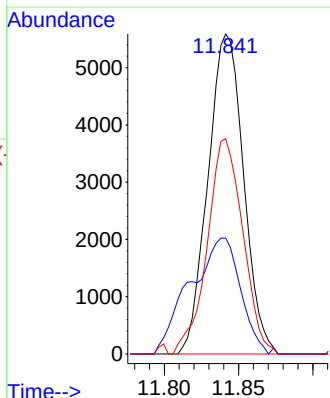
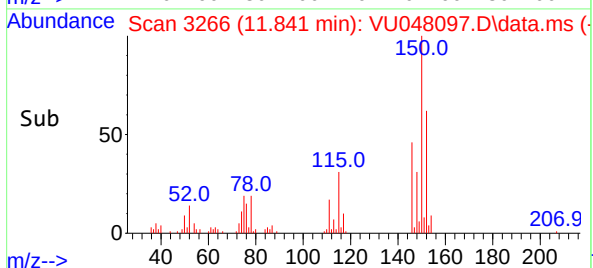
Reviewed By :Krupa Patel 04/18/2022  
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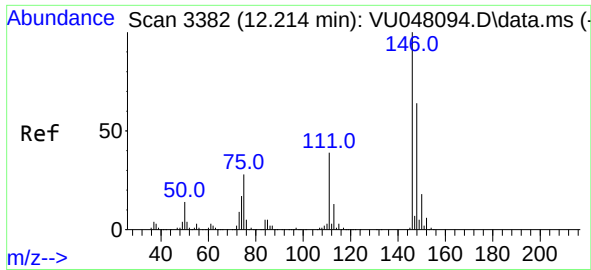


#65  
1,4-Dichlorobenzene  
Concen: 2.016 ug/L  
RT: 11.841 min Scan# 3266  
Delta R.T. 0.003 min  
Lab File: VU048097.D  
Acq: 15 Apr 2022 13:03



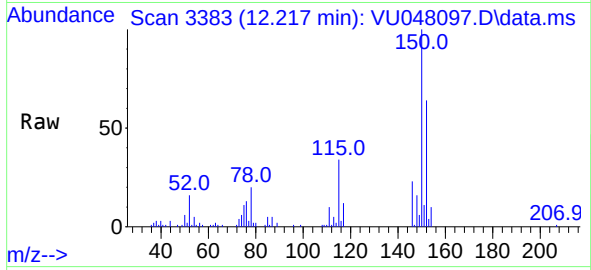
Tgt Ion:146 Resp: 9317  
Ion Ratio Lower Upper  
146 100  
111 36.2 25.3 47.1  
148 67.3 44.5 82.7





#67  
 1,2-Dichlorobenzene  
 Concen: 1.536 ug/L  
 RT: 12.217 min Scan# 311  
 Delta R.T. 0.003 min  
 Lab File: VU048097.D  
 Acq: 15 Apr 2022 13:03

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFFD3ME



Tgt Ion:146 Resp: 6850

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 146 | 100   |       |       |
| 111 | 44.3  | 31.7  | 47.5  |
| 148 | 70.5  | 51.4  | 77.2  |

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