

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032822\  
 Data File : VU047741.D  
 Acq On : 28 Mar 2022 20:23  
 Operator : SY/MD  
 Sample : N2120-02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0HS9

Quant Time: Mar 29 01:47:54 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Mar 29 01:43:13 2022  
 Response via : Initial Calibration

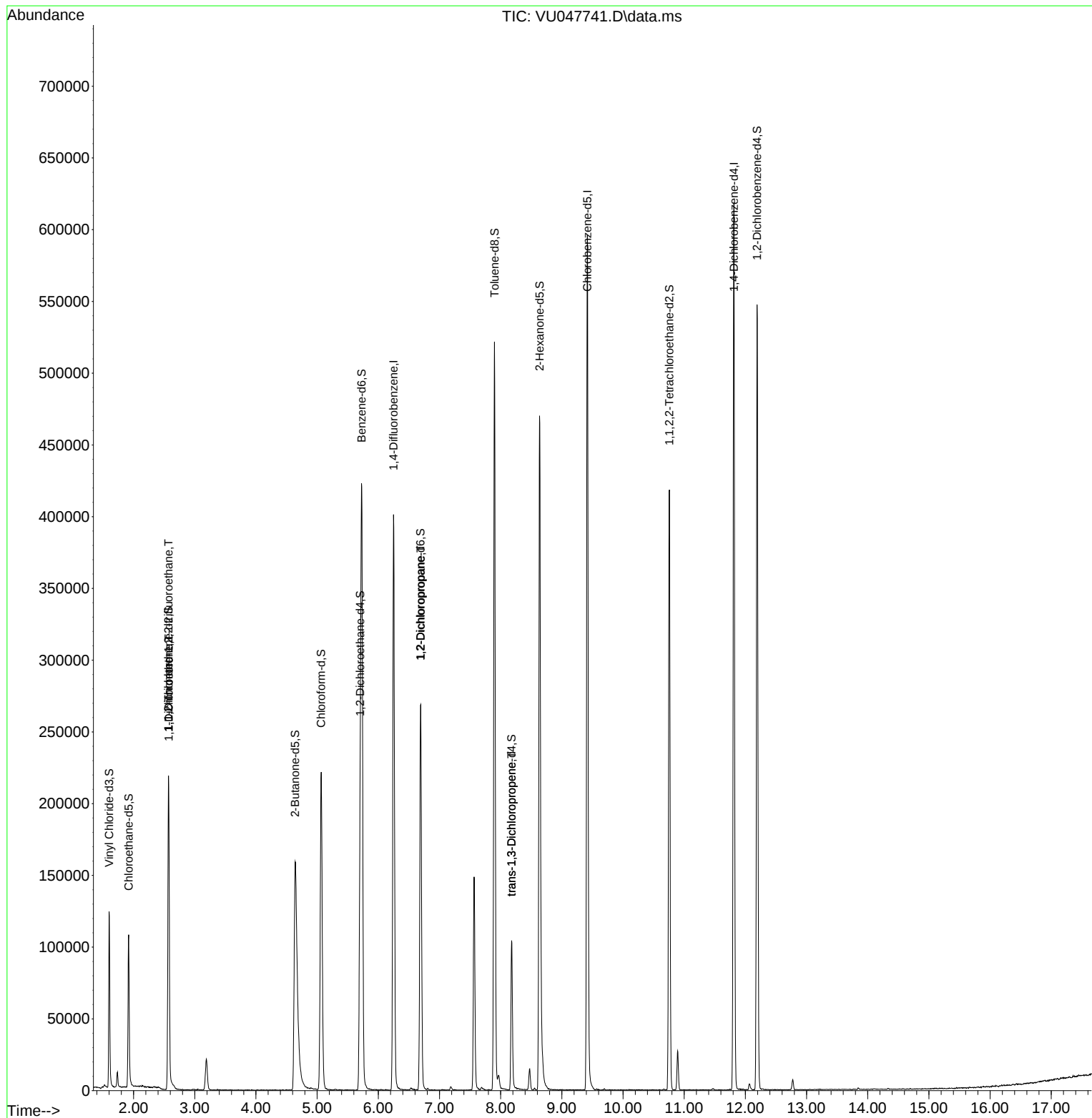
| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250          | 114  | 343660     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417          | 117  | 353269     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812         | 152  | 171918     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601          | 65   | 91285      | 36.630   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 73.260%  |        |          |
| 7) Chloroethane-d5            | 1.919          | 69   | 82241      | 41.852   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 83.700%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.572          | 63   | 127521     | 27.968   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 55.940%# |        |          |
| 21) 2-Butanone-d5             | 4.642          | 46   | 249534     | 116.658  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 116.660% |        |          |
| 24) Chloroform-d              | 5.067          | 84   | 205809     | 45.135   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 90.260%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.703          | 65   | 135031     | 48.283   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 96.560%  |        |          |
| 32) Benzene-d6                | 5.729          | 84   | 398615     | 44.842   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 89.680%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.690          | 67   | 130447     | 47.783   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 95.560%  |        |          |
| 41) Toluene-d8                | 7.899          | 98   | 354280     | 40.906   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 81.820%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.179          | 79   | 60222      | 43.543   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 87.080%  |        |          |
| 47) 2-Hexanone-d5             | 8.636          | 63   | 173130     | 108.333  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 108.330% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758         | 84   | 208224     | 44.444   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 88.880%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192         | 152  | 150008     | 49.045   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 98.080%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.572          | 101  | 1324       | 0.523    | ug/L # | 18       |
| 12) 1,1-Dichloroethene        | 2.575          | 96   | 1069       | 0.453    | ug/L # | 1        |
| 37) 1,2-Dichloropropane       | 6.694          | 63   | 13676      | 5.261    | ug/L # | 87       |
| 44) trans-1,3-Dichloropropene | 8.179          | 75   | 2903       | 0.721    | ug/L   | 95       |
| -----                         |                |      |            |          |        |          |

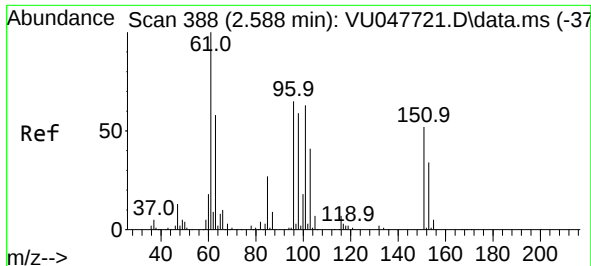
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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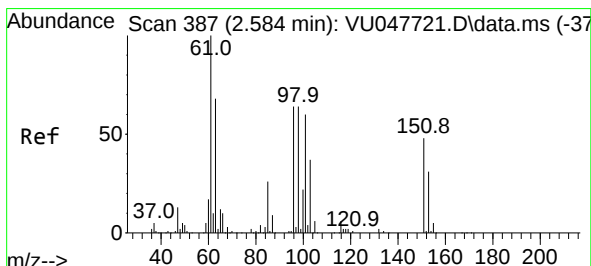
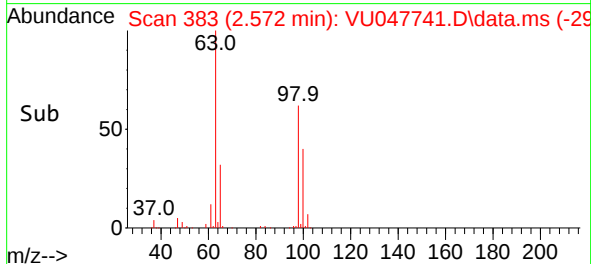
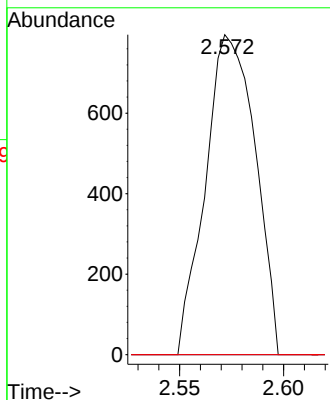
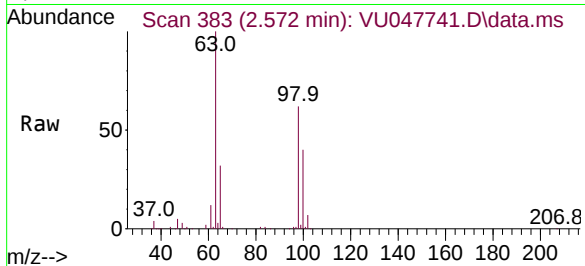




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.523 ug/L  
 RT: 2.572 min Scan# 383  
 Delta R.T. -0.016 min  
 Lab File: VU047741.D  
 Acq: 28 Mar 2022 20:23

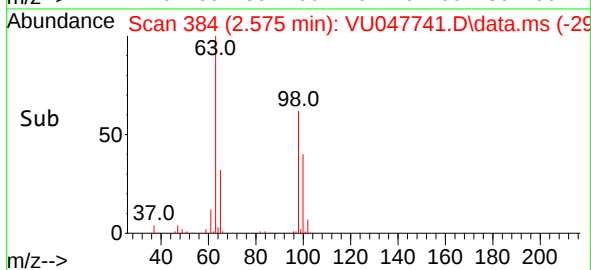
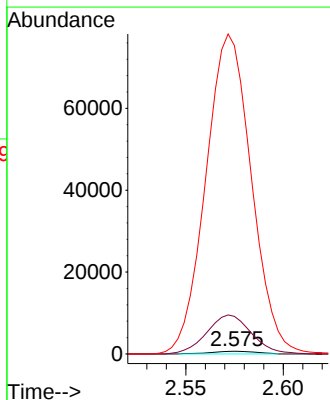
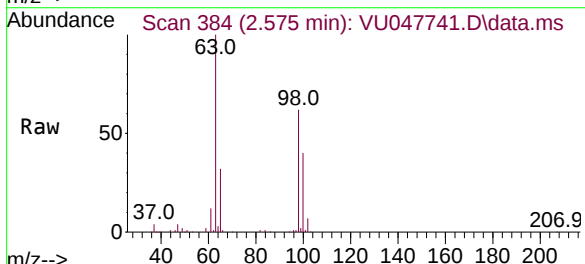
Instrument :  
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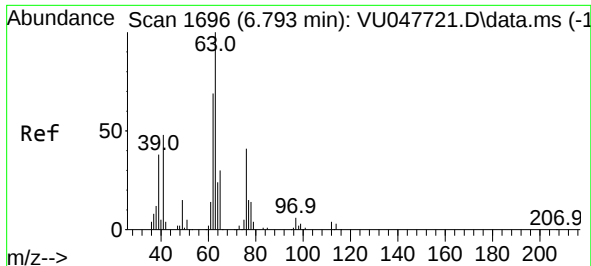
Tgt Ion:101 Resp: 1324  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 32.8 49.2#  
 151 0.0 63.0 94.6#



#12  
 1,1-Dichloroethene  
 Concen: 0.453 ug/L  
 RT: 2.575 min Scan# 384  
 Delta R.T. -0.010 min  
 Lab File: VU047741.D  
 Acq: 28 Mar 2022 20:23

Tgt Ion: 96 Resp: 1069  
 Ion Ratio Lower Upper  
 96 100  
 61 1365.3 113.1 210.1#  
 63 11216.7 94.8 176.0#





#37

1,2-Dichloropropane

Concen: 5.261 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU047741.D

Acq: 28 Mar 2022 20:23

Instrument :

MSVOA\_U

ClientSampleId :

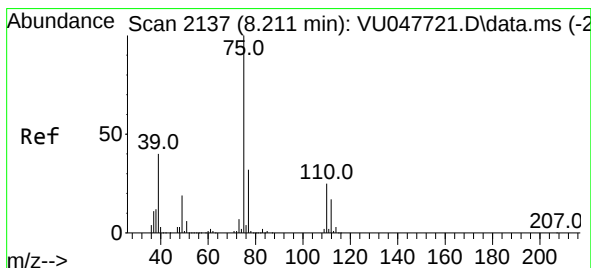
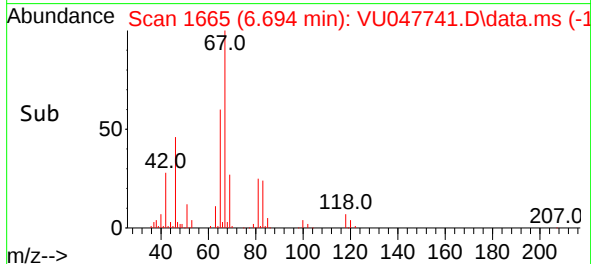
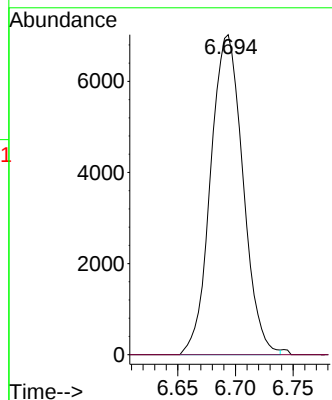
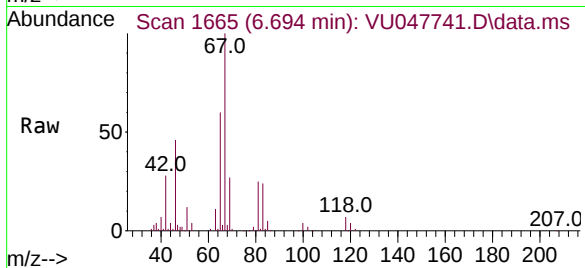
C0HS9

Tgt Ion: 63 Resp: 13676

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#44

trans-1,3-Dichloropropene

Concen: 0.721 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU047741.D

Acq: 28 Mar 2022 20:23

Tgt Ion: 75 Resp: 2903

Ion Ratio Lower Upper

75 100

77 28.9 22.0 40.8

