

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU041222\  
 Data File : VU047950.D  
 Acq On : 12 Apr 2022 13:10  
 Operator : SY/MD  
 Sample : N2280-02ME  
 Misc : 4.32g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 11 Sample Multiplier: 1

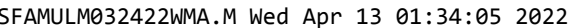
Instrument :  
 MSVOA\_U  
 ClientSampleId :

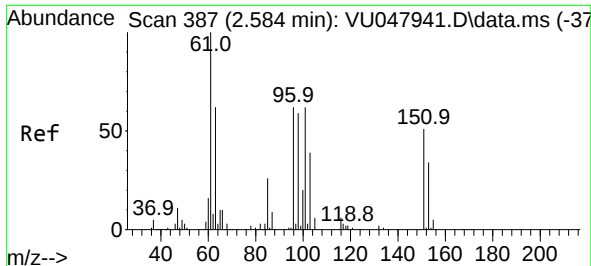
Quant Time: Apr 13 01:33:56 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM032422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Apr 13 01:28:20 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247          | 114  | 365434     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420          | 117  | 398780     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.816         | 152  | 225986     | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597          | 65   | 82602      | 31.171   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 62.340%  |        |          |
| 7) Chloroethane-d5            | 1.871          | 69   | 46558      | 22.282   | ug/L   | -0.05    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 44.560%# |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.543          | 63   | 120532     | 24.860   | ug/L   | -0.03    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 49.720%# |        |          |
| 21) 2-Butanone-d5             | 4.629          | 46   | 206269     | 90.686   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 90.690%  |        |          |
| 24) Chloroform-d              | 5.063          | 84   | 196037     | 40.430   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 80.860%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.700          | 65   | 130791     | 43.980   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.960%  |        |          |
| 32) Benzene-d6                | 5.722          | 84   | 382724     | 38.141   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 76.280%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.690          | 67   | 131536     | 42.683   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 85.360%  |        |          |
| 41) Toluene-d8                | 7.899          | 98   | 341416     | 34.922   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 69.840%# |        |          |
| 43) trans-1,3-Dichloroprop... | 8.182          | 79   | 58071      | 37.196   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 74.400%  |        |          |
| 47) 2-Hexanone-d5             | 8.648          | 63   | 163309     | 90.526   | ug/L   | 0.01     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 90.530%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761         | 84   | 239318     | 45.251   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 90.500%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195         | 152  | 172299     | 42.855   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 85.720%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.539          | 101  | 1194       | 0.443    | ug/L # | 18       |
| 12) 1,1-Dichloroethene        | 2.546          | 96   | 971        | 0.387    | ug/L # | 1        |
| 15) Methyl Acetate            | 2.954          | 43   | 6982       | 2.069    | ug/L # | 88       |
| 39) cis-1,3-Dichloropropene   | 7.568          | 75   | 3401       | 0.747    | ug/L # | 52       |
| -----                         |                |      |            |          |        |          |

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

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QLast Update : Wed Apr 13 01:28:20 2022  
Response via : Initial Calibration

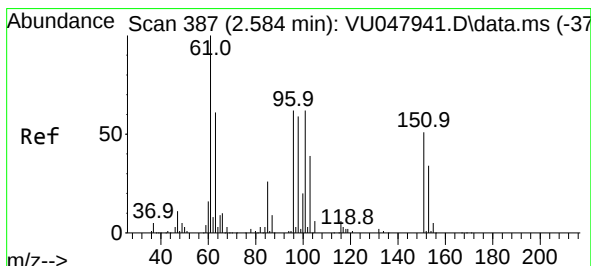
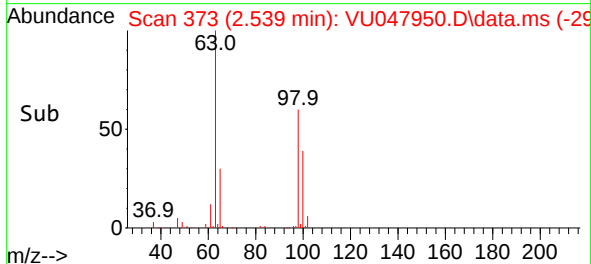
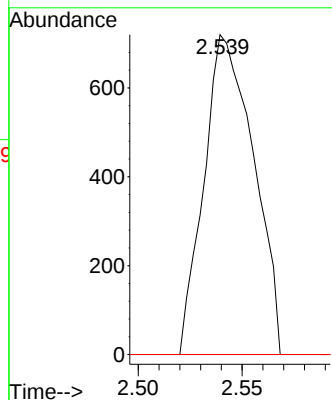
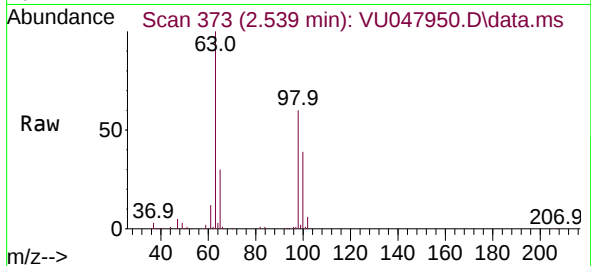




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.443 ug/L  
 RT: 2.539 min Scan# 31  
 Delta R.T. -0.045 min  
 Lab File: VU047950.D  
 Acq: 12 Apr 2022 13:10

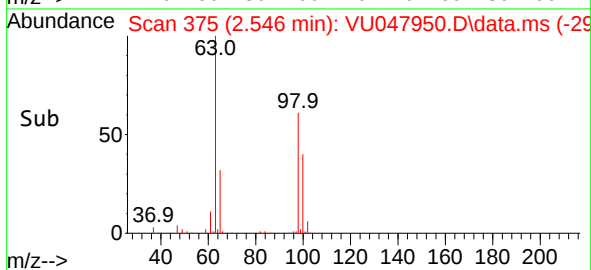
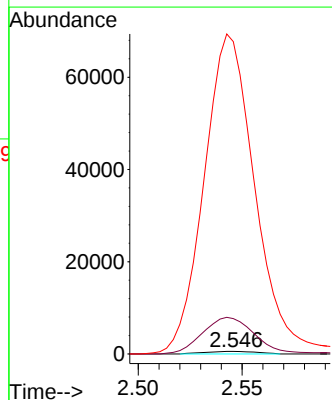
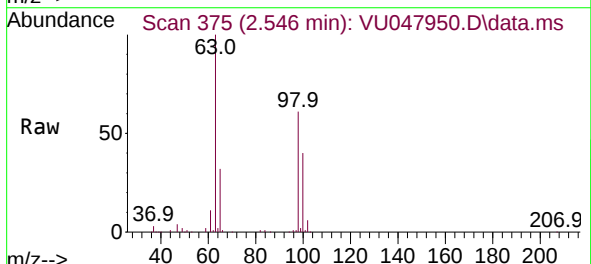
Instrument :  
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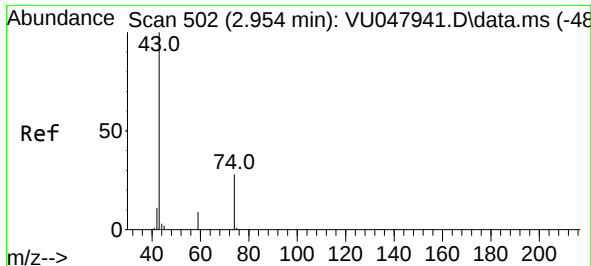
Tgt Ion:101 Resp: 1194  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 32.8 49.2#  
 151 0.0 63.0 94.6#



#12  
 1,1-Dichloroethene  
 Concen: 0.387 ug/L  
 RT: 2.546 min Scan# 375  
 Delta R.T. -0.039 min  
 Lab File: VU047950.D  
 Acq: 12 Apr 2022 13:10

Tgt Ion: 96 Resp: 971  
 Ion Ratio Lower Upper  
 96 100  
 61 1377.6 113.1 210.1#  
 63 12160.9 94.8 176.0#

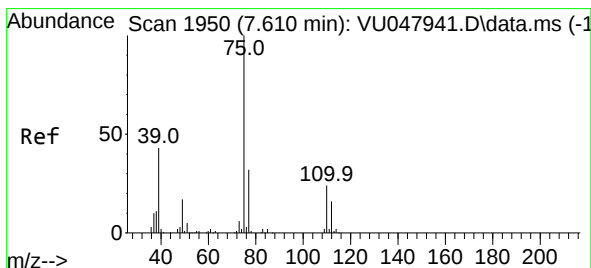
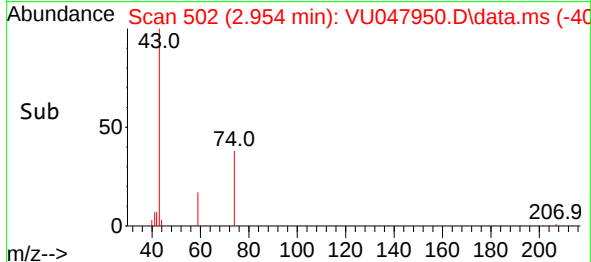
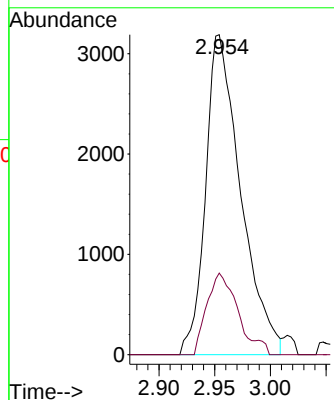
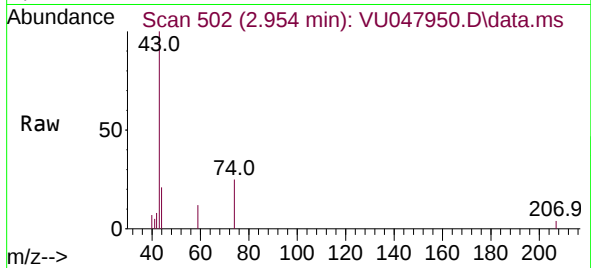




#15  
Methyl Acetate  
Concen: 2.069 ug/L  
RT: 2.954 min Scan# 502  
Delta R.T. 0.000 min  
Lab File: VU047950.D  
Acq: 12 Apr 2022 13:10

Instrument :  
MSVOA\_U  
ClientSampleId :

Tgt Ion: 43 Resp: 6982  
Ion Ratio Lower Upper  
43 100  
74 21.6 22.2 33.2#



#39  
cis-1,3-Dichloropropene  
Concen: 0.747 ug/L  
RT: 7.568 min Scan# 1937  
Delta R.T. -0.042 min  
Lab File: VU047950.D  
Acq: 12 Apr 2022 13:10

Tgt Ion: 75 Resp: 3401  
Ion Ratio Lower Upper  
75 100  
77 57.6 21.8 40.6#

