

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031523\  
 Data File : VU053198.D  
 Acq On : 15 Mar 2023 14:20  
 Operator : JC/MD  
 Sample : 01929-02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

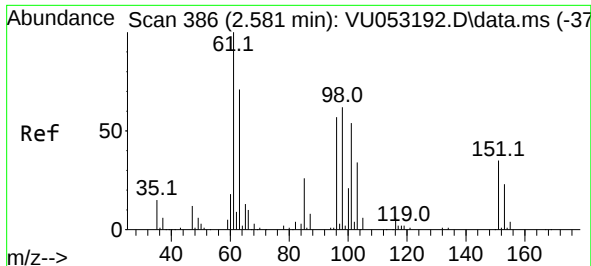
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EYFC5

Quant Time: Mar 16 04:01:26 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM031523WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Mar 16 03:54:54 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response            | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|---------|--------|----------|
| -----                         |                |      |                     |         |        |          |
| Internal Standards            |                |      |                     |         |        |          |
| 1) 1,4-Difluorobenzene        | 6.243          | 114  | 144046              | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414          | 117  | 136886              | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.806         | 152  | 68234               | 50.000  | ug/L   | 0.00     |
| System Monitoring Compounds   |                |      |                     |         |        |          |
| 4) Vinyl Chloride-d3          | 1.601          | 65   | 73590               | 55.376  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 110.760% |         |        |          |
| 7) Chloroethane-d5            | 1.916          | 69   | 57272               | 53.280  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 106.560% |         |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.568          | 63   | 97156               | 42.203  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 84.400%  |         |        |          |
| 21) 2-Butanone-d5             | 4.623          | 46   | 66269               | 107.518 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 107.520% |         |        |          |
| 24) Chloroform-d              | 5.057          | 84   | 121184              | 55.366  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 110.740% |         |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.697          | 65   | 74896               | 55.098  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 110.200% |         |        |          |
| 32) Benzene-d6                | 5.723          | 84   | 255232              | 57.485  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 114.980% |         |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.684          | 67   | 82118               | 57.306  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 114.620% |         |        |          |
| 41) Toluene-d8                | 7.893          | 98   | 230920              | 55.862  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 111.720% |         |        |          |
| 43) trans-1,3-Dichloroprop... | 8.176          | 79   | 39428               | 55.767  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 111.540% |         |        |          |
| 47) 2-Hexanone-d5             | 8.629          | 63   | 50109               | 111.851 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 111.850% |         |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751         | 84   | 104838              | 56.477  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 112.960% |         |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.189         | 152  | 75648               | 57.257  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 114.520% |         |        |          |
| Target Compounds              |                |      |                     |         |        |          |
|                               |                |      |                     |         | Qvalue |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.565          | 101  | 820                 | 0.717   | ug/L # | 22       |
| 12) 1,1-Dichloroethene        | 2.568          | 96   | 711                 | 0.672   | ug/L # | 1        |
| 20) cis-1,2-Dichloroethene    | 4.668          | 96   | 2416                | 1.916   | ug/L   | 89       |
| 37) 1,2-Dichloropropane       | 6.684          | 63   | 8925                | 6.741   | ug/L # | 90       |
| 44) trans-1,3-Dichloropropene | 8.176          | 75   | 1926                | 0.969   | ug/L   | 83       |
| -----                         |                |      |                     |         |        |          |

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

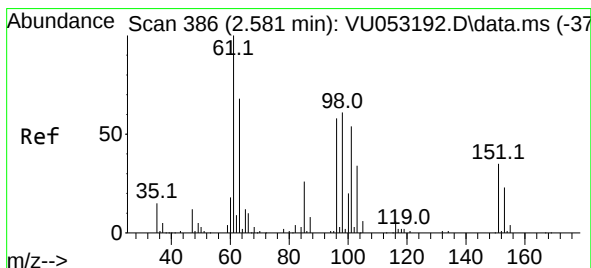
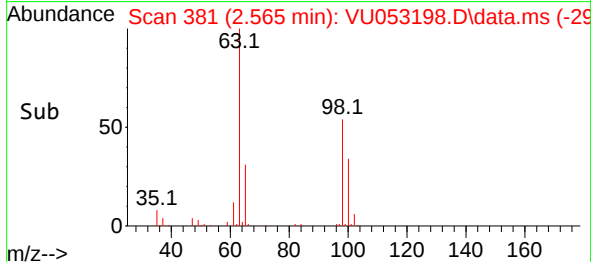
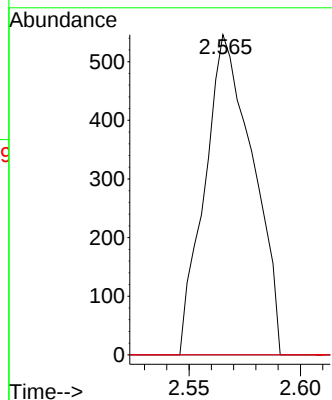
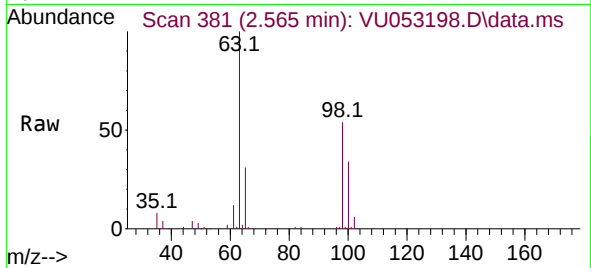




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.717 ug/L  
 RT: 2.565 min Scan# 381  
 Delta R.T. -0.016 min  
 Lab File: VU053198.D  
 Acq: 15 Mar 2023 14:20

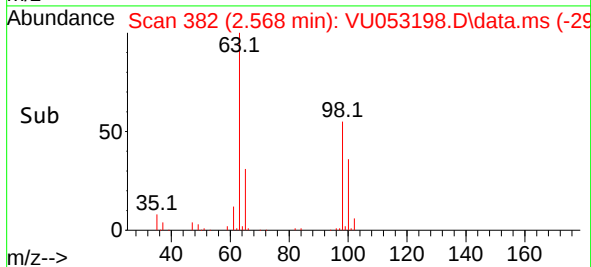
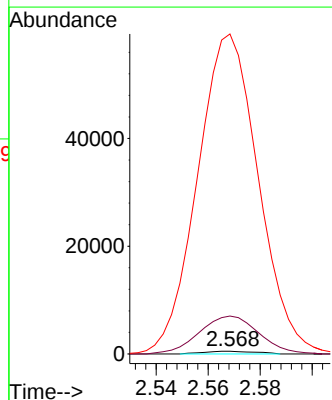
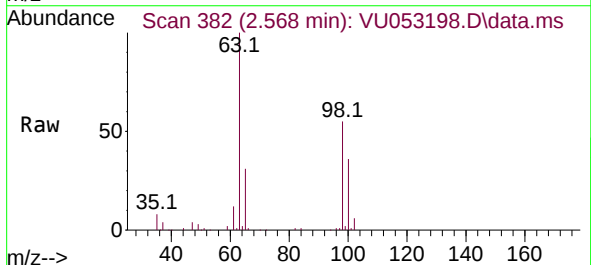
Instrument :  
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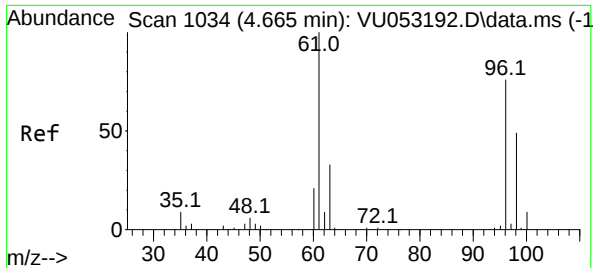
Tgt Ion:101 Resp: 820  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 37.0 55.6#  
 151 0.0 52.9 79.3#



#12  
 1,1-Dichloroethene  
 Concen: 0.672 ug/L  
 RT: 2.568 min Scan# 382  
 Delta R.T. -0.013 min  
 Lab File: VU053198.D  
 Acq: 15 Mar 2023 14:20

Tgt Ion: 96 Resp: 711  
 Ion Ratio Lower Upper  
 96 100  
 61 1412.8 122.2 226.9#  
 63 11903.8 89.9 166.9#

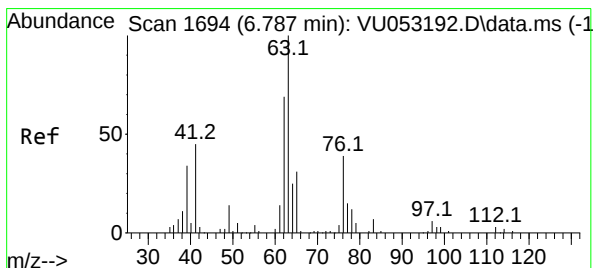
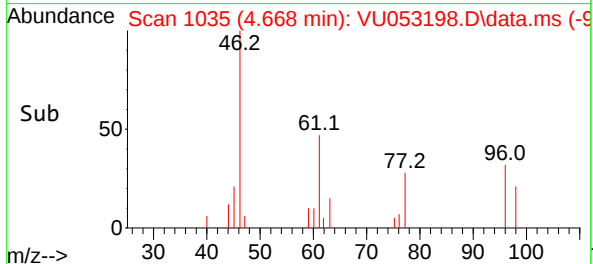
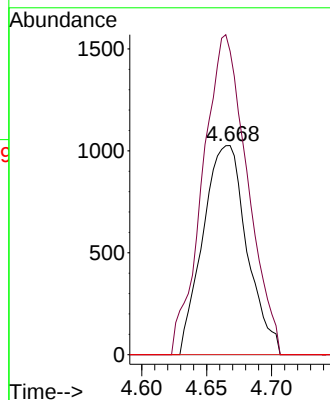
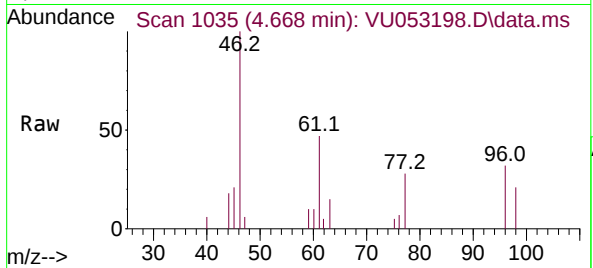




#20  
 cis-1,2-Dichloroethene  
 Concen: 1.916 ug/L  
 RT: 4.668 min Scan# 1034  
 Delta R.T. 0.003 min  
 Lab File: VU053198.D  
 Acq: 15 Mar 2023 14:20

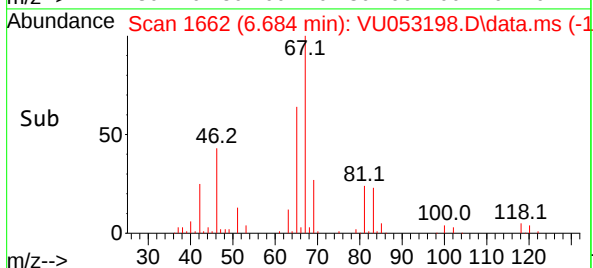
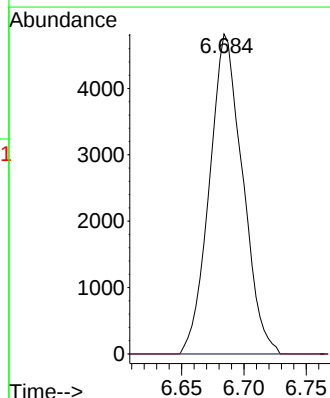
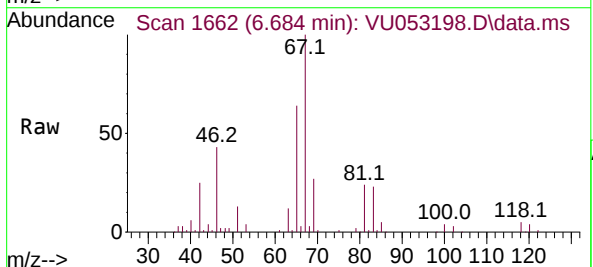
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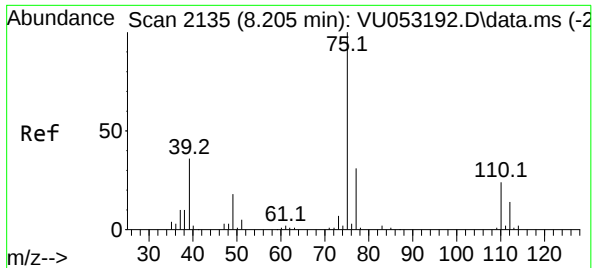
Tgt Ion: 96 Resp: 2416  
 Ion Ratio Lower Upper  
 96 100  
 61 145.0 92.5 171.7  
 68 0.0 0.0 0.0



#37  
 1,2-Dichloropropane  
 Concen: 6.741 ug/L  
 RT: 6.684 min Scan# 1662  
 Delta R.T. -0.103 min  
 Lab File: VU053198.D  
 Acq: 15 Mar 2023 14:20

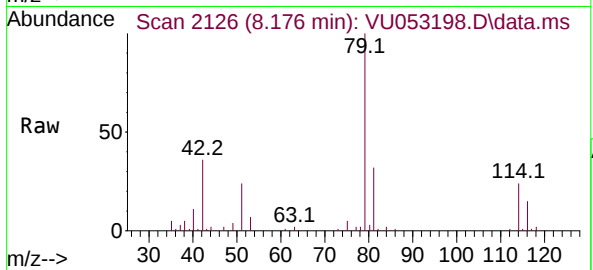
Tgt Ion: 63 Resp: 8925  
 Ion Ratio Lower Upper  
 63 100  
 112 0.0 2.6 3.8#





#44  
 trans-1,3-Dichloropropene  
 Concen: 0.969 ug/L  
 RT: 8.176 min Scan# 21  
 Delta R.T. -0.029 min  
 Lab File: VU053198.D  
 Acq: 15 Mar 2023 14:20

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EYFC5



Tgt Ion: 75 Resp: 1926  
 Ion Ratio Lower Upper  
 75 100  
 77 40.8 22.0 40.8

