

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV080924\  
 Data File : VV036873.D  
 Acq On : 09 Aug 2024 13:30  
 Operator : SY/MD  
 Sample : P3533-01  
 Misc : 5.00mL/MSVOA\_V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

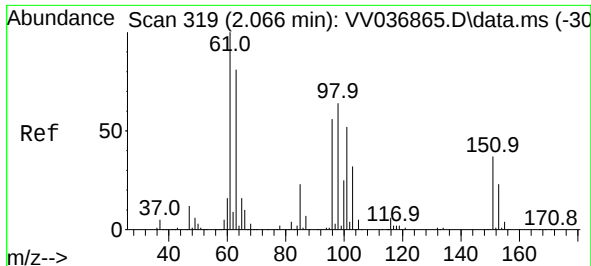
Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Aug 10 01:17:45 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM080224WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 10 01:11:12 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response             | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|----------------------|---------|--------|----------|
| -----                         |                |      |                      |         |        |          |
| Internal Standards            |                |      |                      |         |        |          |
| 1) 1,4-Difluorobenzene        | 5.529          | 114  | 491971               | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.780          | 117  | 468831               | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.182         | 152  | 231753               | 50.000  | ug/L   | 0.00     |
|                               |                |      |                      |         |        |          |
| System Monitoring Compounds   |                |      |                      |         |        |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 304487               | 77.489  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 154.980%# |         |        |          |
| 7) Chloroethane-d5            | 1.532          | 69   | 232153               | 74.918  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 149.840%# |         |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.057          | 65   | 126399               | 75.201  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 150.400%# |         |        |          |
| 21) 2-Butanone-d5             | 3.796          | 46   | 270200               | 129.783 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 129.780%  |         |        |          |
| 24) Chloroform-d              | 4.240          | 84   | 501654               | 71.141  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 142.280%# |         |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.937          | 65   | 325820               | 71.865  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 143.720%# |         |        |          |
| 32) Benzene-d6                | 4.950          | 84   | 1053258              | 74.381  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 148.760%# |         |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.982          | 67   | 336173               | 73.587  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 147.180%# |         |        |          |
| 41) Toluene-d8                | 7.236          | 98   | 944657               | 72.725  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 145.440%# |         |        |          |
| 43) trans-1,3-Dichloroprop... | 7.551          | 79   | 153837               | 64.705  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 129.420%# |         |        |          |
| 47) 2-Hexanone-d5             | 8.024          | 63   | 146030               | 111.173 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 111.170%  |         |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149         | 84   | 326806               | 62.303  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 124.600%# |         |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.555         | 152  | 339609               | 71.913  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 143.820%# |         |        |          |
|                               |                |      |                      |         |        |          |
| Target Compounds              |                |      |                      |         |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.057          | 101  | 3786                 | 1.164   | ug/L # | 26       |
| 12) 1,1-Dichloroethene        | 2.060          | 96   | 3101                 | 0.998   | ug/L # | 1        |
| 13) Acetone                   | 2.114          | 43   | 38817                | 22.284  | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 7.551          | 75   | 7050                 | 1.189   | ug/L   | 95       |
| 48) 2-Hexanone                | 8.088          | 43   | 18288                | 5.402   | ug/L # | 82       |
| -----                         |                |      |                      |         |        |          |

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





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.164 ug/L

RT: 2.057 min Scan# 31

Delta R.T. -0.009 min

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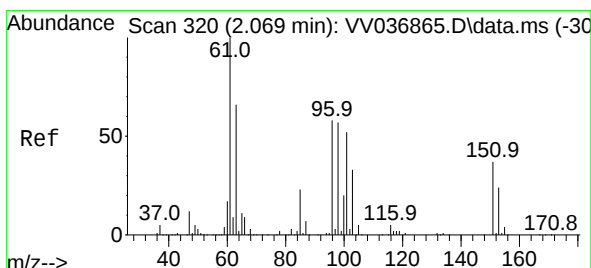
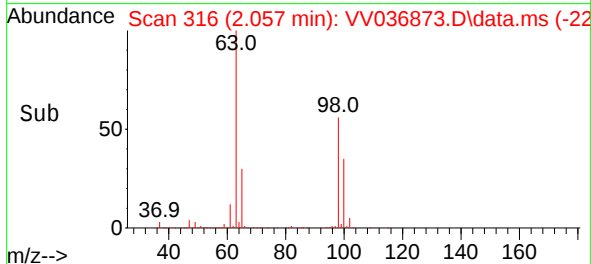
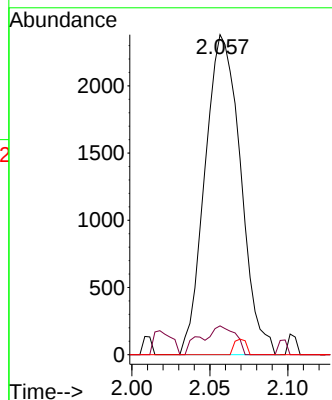
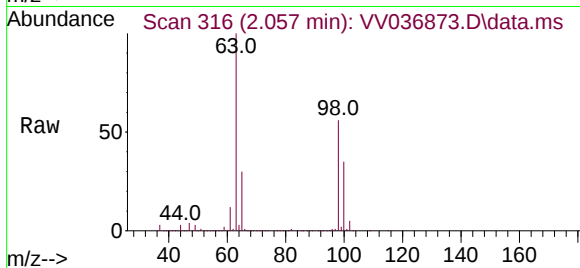
Tgt Ion:101 Resp: 3786

Ion Ratio Lower Upper

101 100

85 6.1 34.6 51.8#

151 1.6 55.9 83.9#



#12

1,1-Dichloroethene

Concen: 0.998 ug/L

RT: 2.060 min Scan# 317

Delta R.T. -0.009 min

Lab File: VV036873.D

Acq: 09 Aug 2024 13:30

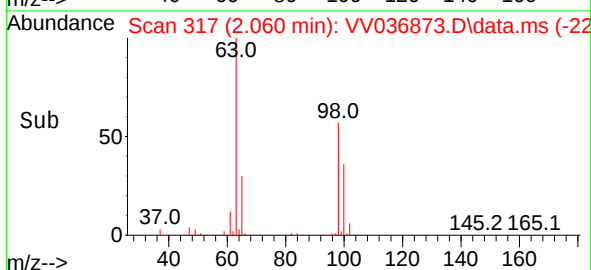
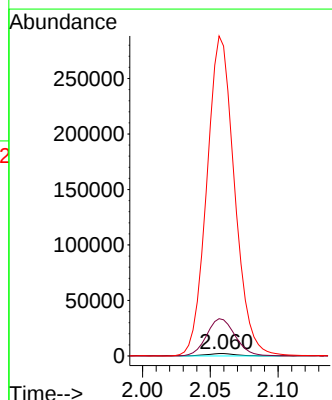
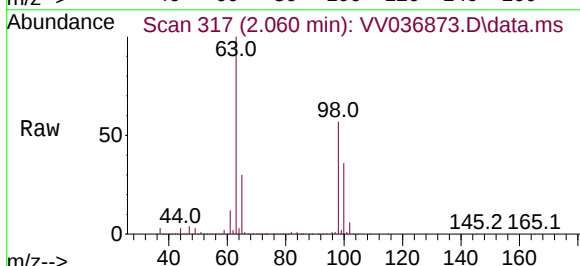
Tgt Ion: 96 Resp: 3101

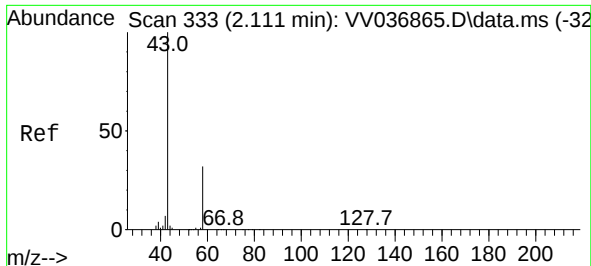
Ion Ratio Lower Upper

96 100

61 1509.9 125.6 233.2#

63 12939.4 95.1 176.7#





#13

Acetone

Concen: 22.284 ug/L

RT: 2.114 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV036873.D

Acq: 09 Aug 2024 13:30

Instrument :

MSVOA\_V

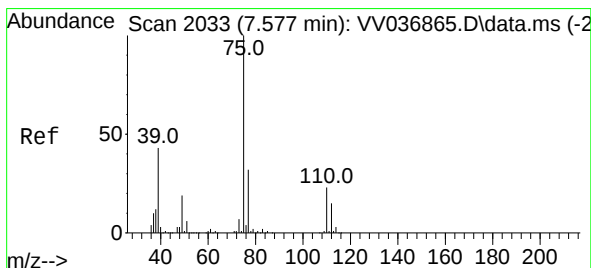
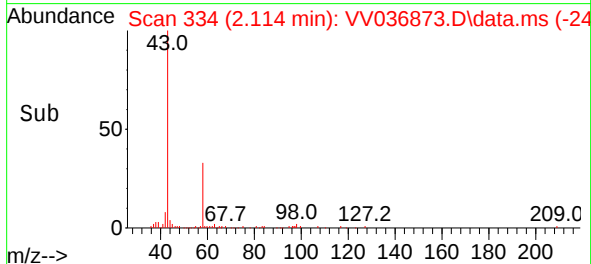
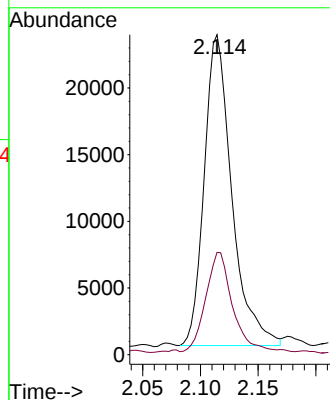
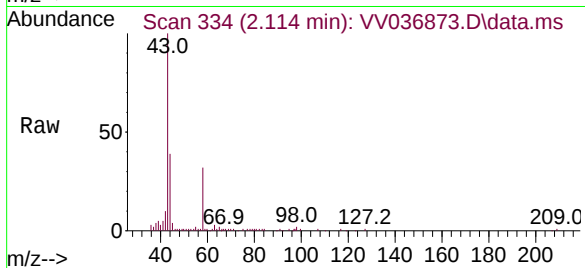
ClientSampleId :

Tgt Ion: 43 Resp: 38817

Ion Ratio Lower Upper

43 100

58 30.6 0.0 63.4



#44

trans-1,3-Dichloropropene

Concen: 1.189 ug/L

RT: 7.551 min Scan# 2025

Delta R.T. -0.025 min

Lab File: VV036873.D

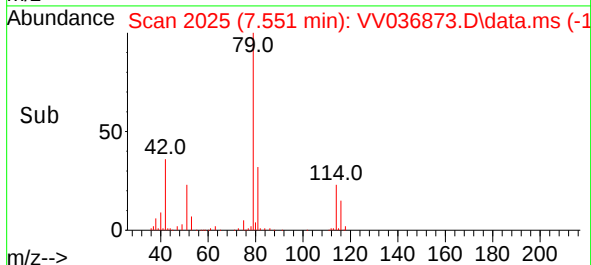
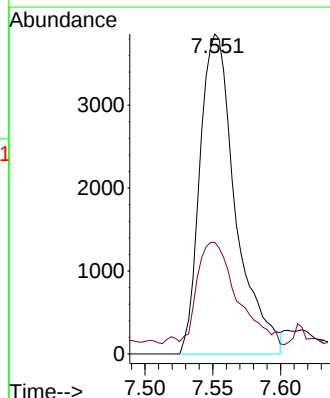
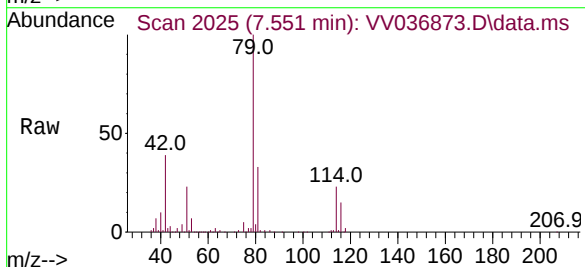
Acq: 09 Aug 2024 13:30

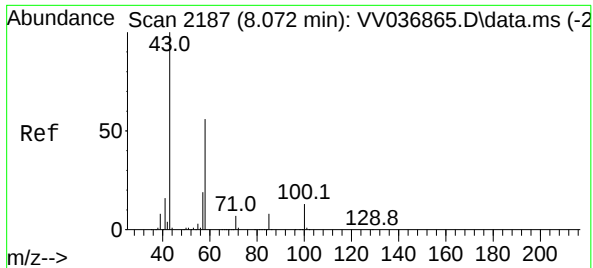
Tgt Ion: 75 Resp: 7050

Ion Ratio Lower Upper

75 100

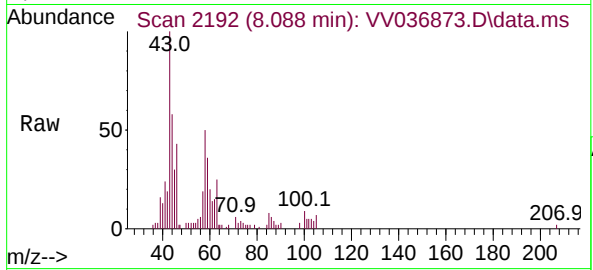
77 34.9 22.4 41.6





#48  
 2-Hexanone  
 Concen: 5.402 ug/L  
 RT: 8.088 min Scan# 21  
 Delta R.T. 0.016 min  
 Lab File: VV036873.D  
 Acq: 09 Aug 2024 13:30

Instrument :  
 MSVOA\_V  
 ClientSampleId :



|             |                |
|-------------|----------------|
| Tgt Ion: 43 | Resp: 18288    |
| Ion Ratio   | Lower Upper    |
| 43          | 100            |
| 58          | 66.6 44.7 67.1 |
| 57          | 5.3 15.0 22.4# |
| 100         | 6.4 10.2 15.4# |

