

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV080924\  
 Data File : VV036871.D  
 Acq On : 09 Aug 2024 12:37  
 Operator : SY/MD  
 Sample : P3480-21RE  
 Misc : 5.00mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

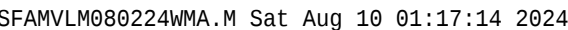
Instrument :  
 MSVOA\_V  
 ClientSampleId :

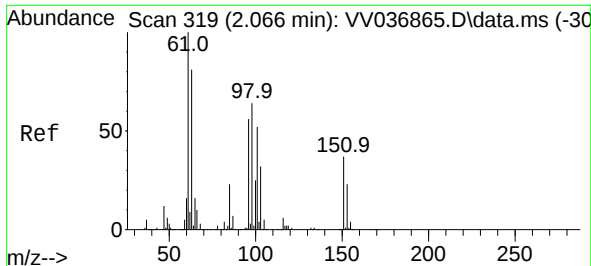
Quant Time: Aug 10 01:17:02 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM080224WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 10 01:11:12 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response             | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|----------------------|---------|--------|----------|
| -----                         |                |      |                      |         |        |          |
| Internal Standards            |                |      |                      |         |        |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 465150               | 50.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 449937               | 50.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181         | 152  | 213544               | 50.000  | ug/L   | 0.00     |
|                               |                |      |                      |         |        |          |
| System Monitoring Compounds   |                |      |                      |         |        |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 277015               | 74.562  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 149.120%# |         |        |          |
| 7) Chloroethane-d5            | 1.532          | 69   | 212990               | 72.697  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 145.400%# |         |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.056          | 65   | 117302               | 73.813  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 147.620%# |         |        |          |
| 21) 2-Butanone-d5             | 3.799          | 46   | 252028               | 128.034 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 128.030%  |         |        |          |
| 24) Chloroform-d              | 4.243          | 84   | 451280               | 67.688  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 135.380%# |         |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.937          | 65   | 299785               | 69.935  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 139.860%# |         |        |          |
| 32) Benzene-d6                | 4.953          | 84   | 962105               | 70.796  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 141.600%# |         |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.985          | 67   | 308167               | 70.289  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 140.580%# |         |        |          |
| 41) Toluene-d8                | 7.239          | 98   | 860636               | 69.039  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 138.080%# |         |        |          |
| 43) trans-1,3-Dichloroprop... | 7.551          | 79   | 138007               | 60.485  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 120.960%  |         |        |          |
| 47) 2-Hexanone-d5             | 8.027          | 63   | 127338               | 101.014 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 101.010%  |         |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149         | 84   | 290652               | 57.738  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 115.480%  |         |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.554         | 152  | 302844               | 69.596  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 139.200%# |         |        |          |
|                               |                |      |                      |         |        |          |
| Target Compounds              |                |      |                      |         |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.060          | 101  | 3602                 | 1.171   | ug/L # | 24       |
| 13) Acetone                   | 2.114          | 43   | 13848                | 8.408   | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 6.911          | 75   | 9000                 | 1.474   | ug/L # | 63       |
| 42) Toluene                   | 7.333          | 91   | 13571                | 0.947   | ug/L   | 91       |
| 48) 2-Hexanone                | 8.085          | 43   | 18299                | 5.632   | ug/L # | 55       |
| -----                         |                |      |                      |         |        |          |

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

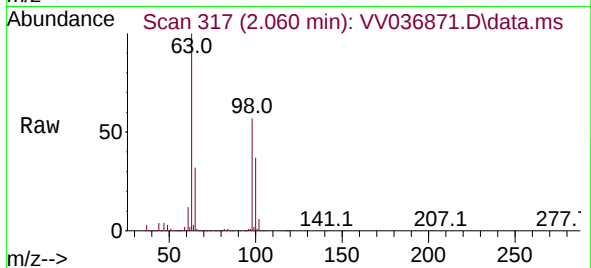
Quant Time: Aug 10 01:17:02 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM080224WMA.M  
Quant Title : VOC Analysis  
QLast Update : Sat Aug 10 01:11:12 2024  
Response via : Initial Calibration



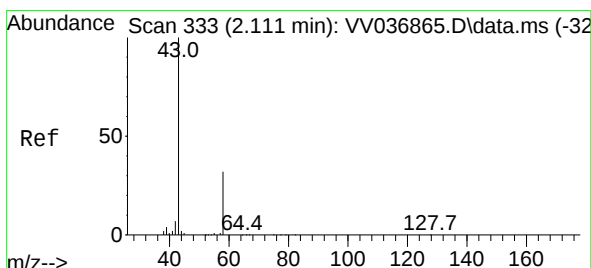
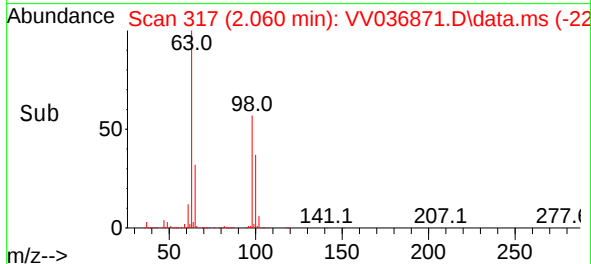
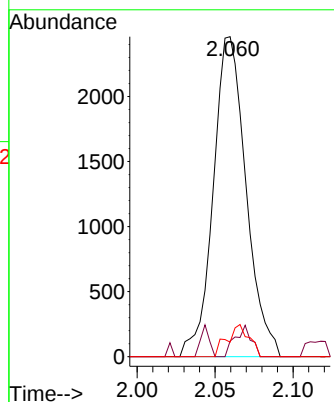


#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 1.171 ug/L  
RT: 2.060 min Scan# 319  
Delta R.T. -0.006 min  
Lab File: VV036871.D  
Acq: 09 Aug 2024 12:37

Instrument :  
MSVOA\_V  
ClientSampleId :

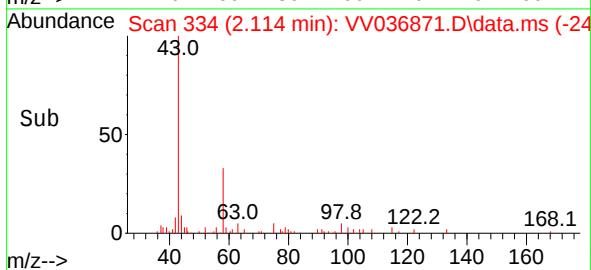
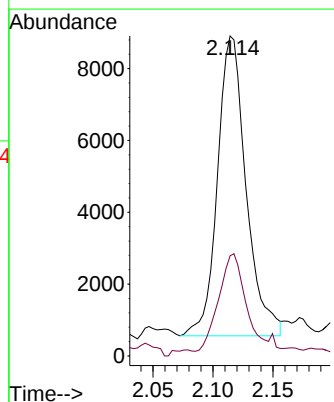
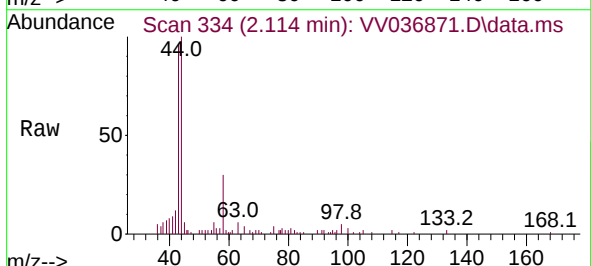


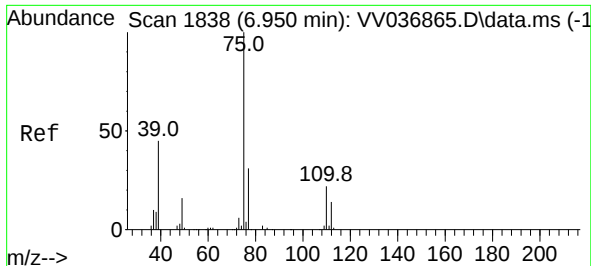
Tgt Ion:101 Resp: 3602  
Ion Ratio Lower Upper  
101 100  
85 2.2 34.6 51.8#  
151 2.0 55.9 83.9#



#13  
Acetone  
Concen: 8.408 ug/L  
RT: 2.114 min Scan# 334  
Delta R.T. 0.003 min  
Lab File: VV036871.D  
Acq: 09 Aug 2024 12:37

Tgt Ion: 43 Resp: 13848  
Ion Ratio Lower Upper  
43 100  
58 30.8 0.0 63.4

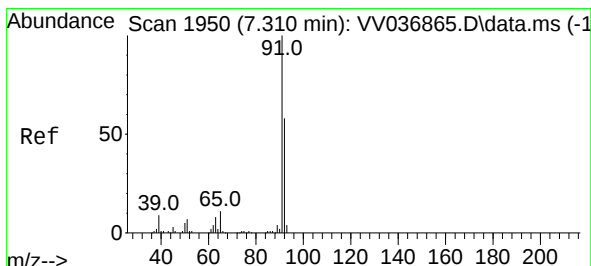
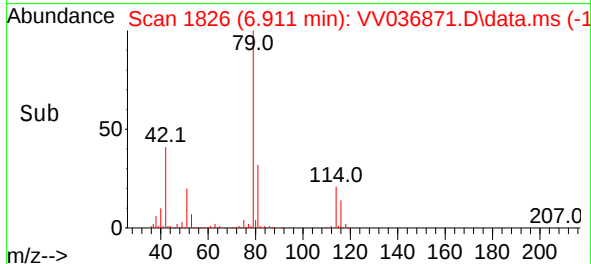
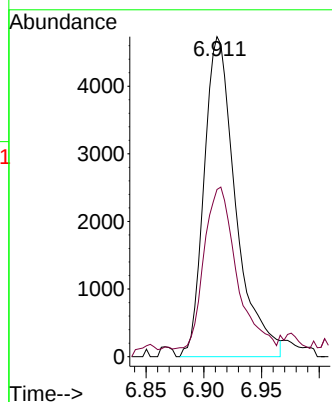
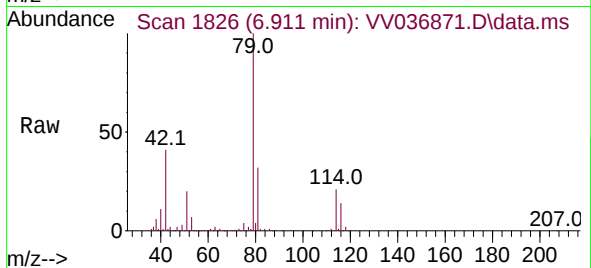




#39  
cis-1,3-Dichloropropene  
Concen: 1.474 ug/L  
RT: 6.911 min Scan# 1838  
Delta R.T. -0.038 min  
Lab File: VV036871.D  
Acq: 09 Aug 2024 12:37

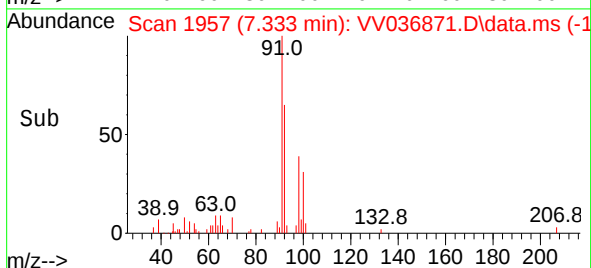
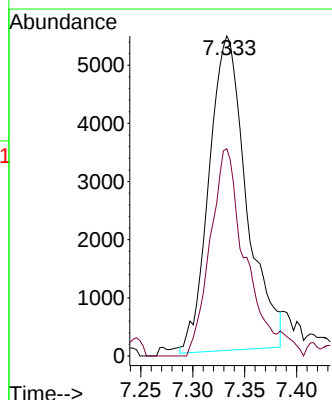
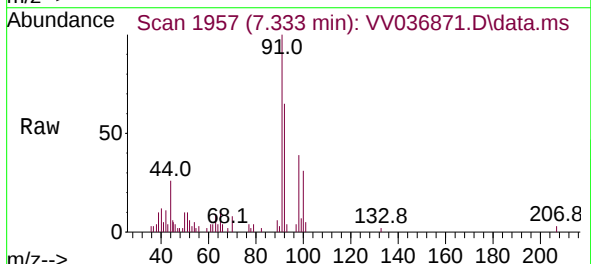
Instrument :  
MSVOA\_V  
ClientSampleId :

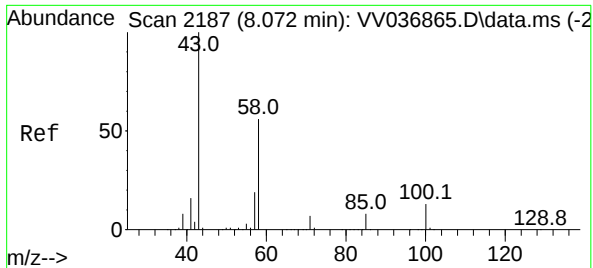
Tgt Ion: 75 Resp: 9000  
Ion Ratio Lower Upper  
75 100  
77 52.2 22.2 41.2#



#42  
Toluene  
Concen: 0.947 ug/L  
RT: 7.333 min Scan# 1957  
Delta R.T. 0.023 min  
Lab File: VV036871.D  
Acq: 09 Aug 2024 12:37

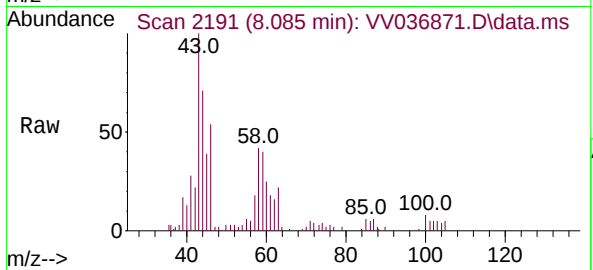
Tgt Ion: 91 Resp: 13571  
Ion Ratio Lower Upper  
91 100  
92 64.8 40.5 75.1





#48  
 2-Hexanone  
 Concen: 5.632 ug/L  
 RT: 8.085 min Scan# 21  
 Delta R.T. 0.013 min  
 Lab File: VV036871.D  
 Acq: 09 Aug 2024 12:37

Instrument :  
 MSVOA\_V  
 ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 18299 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 15.1  | 44.7  | 67.1# |
| 57       | 5.5   | 15.0  | 22.4# |
| 100      | 5.7   | 10.2  | 15.4# |

