

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV090923\  
 Data File : VV032010.D  
 Acq On : 09 Sep 2023 19:08  
 Operator : SY/MD  
 Sample : 04267-14DL 20X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Sep 09 21:57:33 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR082323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Sep 09 21:51:31 2023  
 Response via : Initial Calibration

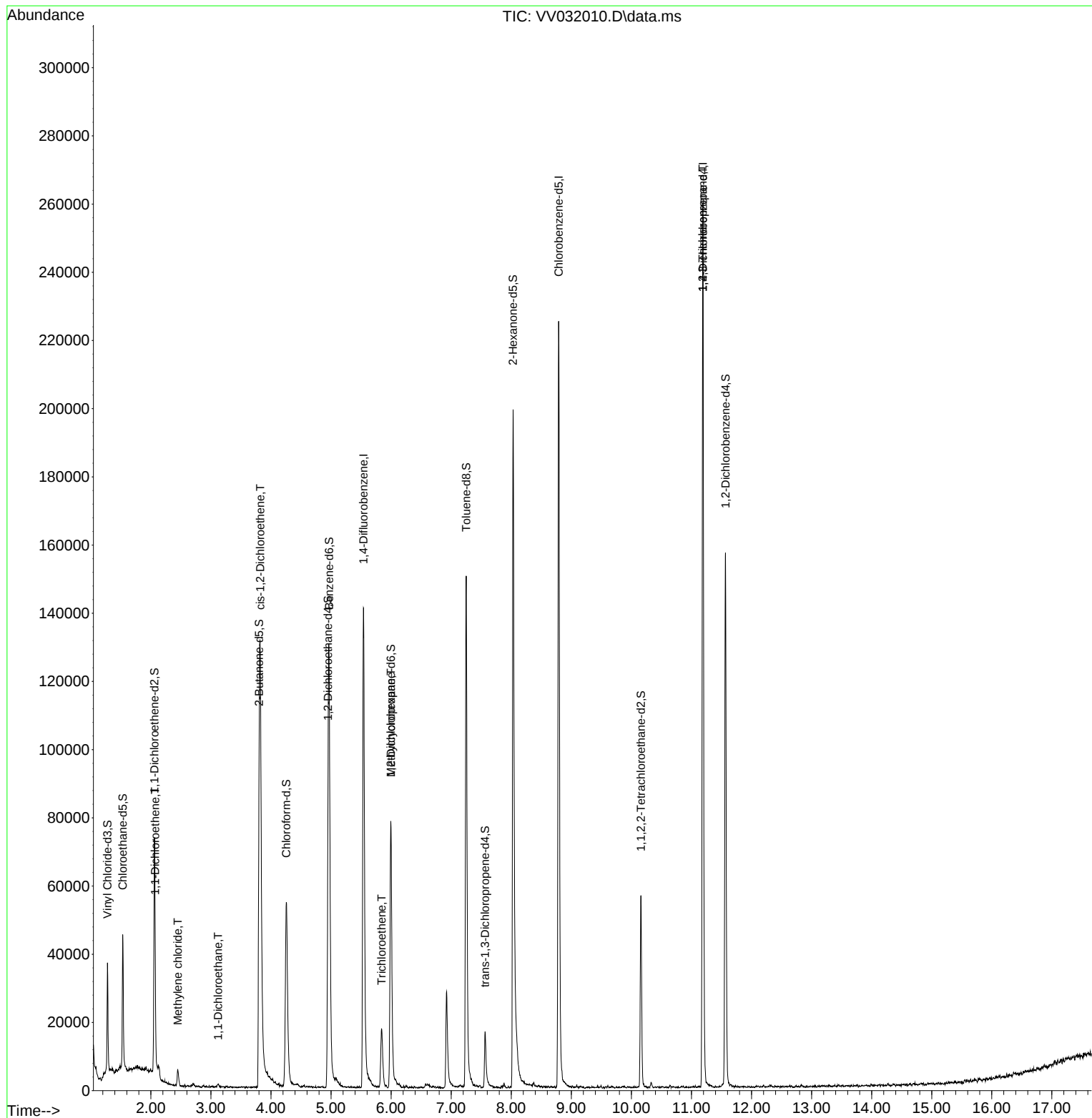
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 5.542  | 114            | 121185   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.789  | 117            | 122156   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191 | 152            | 64199    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65             | 20055    | 4.900  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 98.000%  |          |
| 7) Chloroethane-d5            | 1.532  | 69             | 24994    | 5.331  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 106.600% |          |
| 11) 1,1-Dichloroethene-d2     | 2.060  | 65             | 11343    | 4.709  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 94.200%  |          |
| 20) 2-Butanone-d5             | 3.802  | 46             | 97878    | 49.401 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 98.800%  |          |
| 24) Chloroform-d              | 4.256  | 84             | 57983    | 4.186  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 83.800%  |          |
| 26) 1,2-Dichloroethane-d4     | 4.950  | 65             | 30337    | 4.250  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 85.000%  |          |
| 32) Benzene-d6                | 4.966  | 84             | 118716   | 4.271  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 85.400%  |          |
| 36) 1,2-Dichloropropane-d6    | 5.995  | 67             | 40347    | 4.116  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 82.400%  |          |
| 41) Toluene-d8                | 7.249  | 98             | 102512   | 3.974  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 79.400%  |          |
| 43) trans-1,3-Dichloroprop... | 7.564  | 79             | 11155    | 3.121  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 62.400%  |          |
| 46) 2-Hexanone-d5             | 8.030  | 63             | 75174    | 39.447 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 78.900%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159 | 84             | 28519    | 4.055  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 81.200%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.567 | 152            | 38882    | 3.740  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 74.800%# |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 12) 1,1-Dichloroethene        | 2.073  | 96             | 2618     | 0.480  | ug/L #   | 1        |
| 16) Methylene chloride        | 2.449  | 84             | 1889     | 0.213  | ug/L     | 93       |
| 19) 1,1-Dichloroethane        | 3.121  | 63             | 1303     | 0.102  | ug/L #   | 90       |
| 22) cis-1,2-Dichloroethene    | 3.822  | 96             | 52622    | 7.387  | ug/L     | 99       |
| 34) Trichloroethene           | 5.844  | 95             | 5899     | 0.717  | ug/L     | 97       |
| 35) Methylcyclohexane         | 5.995  | 83             | 8641     | 0.722  | ug/L #   | 20       |
| 61) 1,2,3-Trichloropropane    | 11.188 | 75             | 8928     | 1.888  | ug/L #   | 70       |
| -----                         |        |                |          |        |          |          |

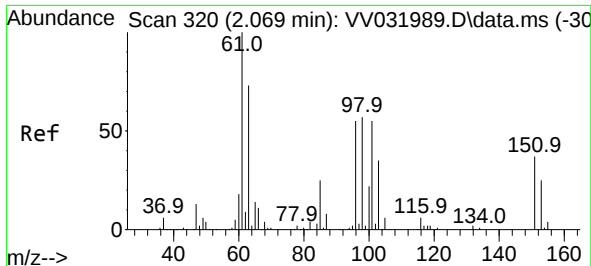
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.480 ug/L

RT: 2.073 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV032010.D

Acq: 09 Sep 2023 19:08

Instrument :

MSVOA\_V

ClientSampleId :

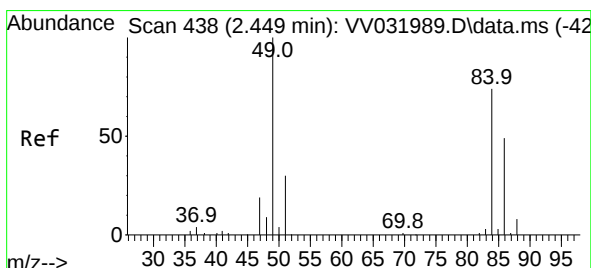
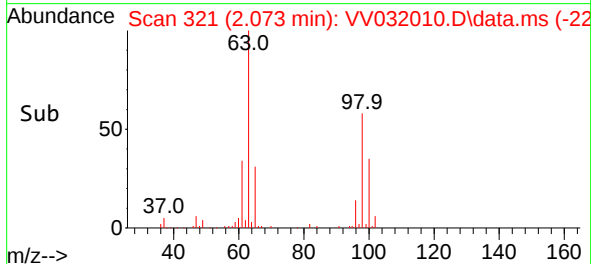
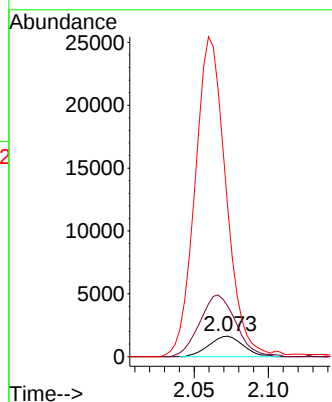
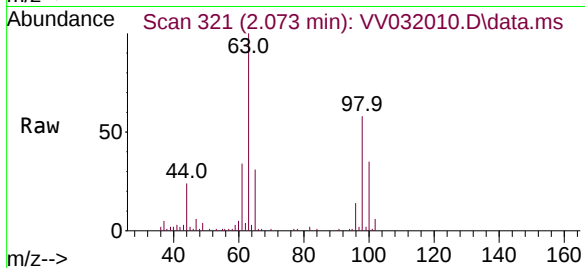
Tgt Ion: 96 Resp: 2618

Ion Ratio Lower Upper

96 100

61 247.3 129.0 239.6#

63 730.5 99.0 183.8#



#16

Methylene chloride

Concen: 0.213 ug/L

RT: 2.449 min Scan# 438

Delta R.T. 0.000 min

Lab File: VV032010.D

Acq: 09 Sep 2023 19:08

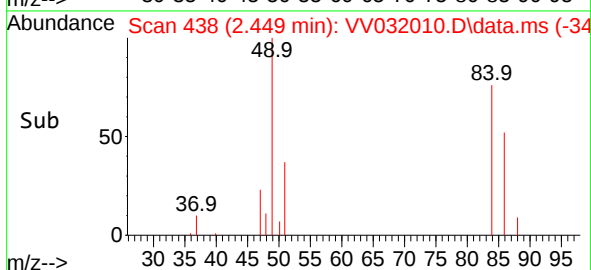
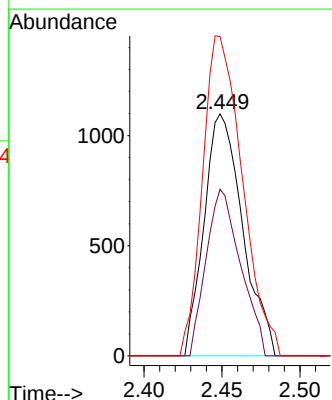
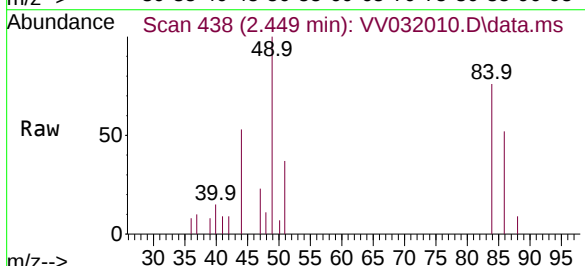
Tgt Ion: 84 Resp: 1889

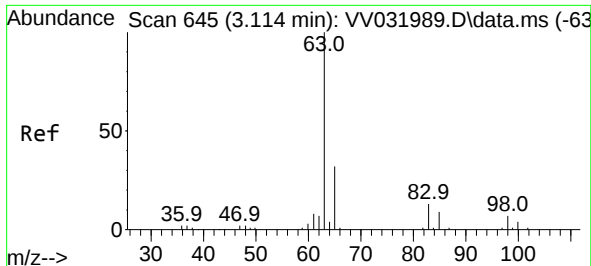
Ion Ratio Lower Upper

84 100

86 68.9 42.6 79.2

49 132.0 88.5 164.4





#19

1,1-Dichloroethane

Concen: 0.102 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.007 min

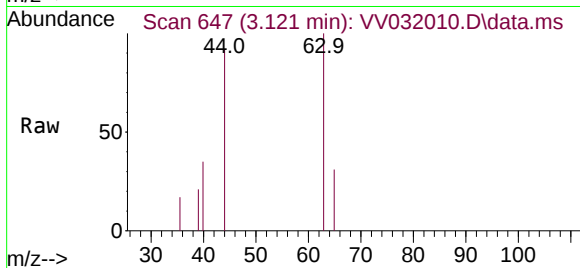
Lab File: VV032010.D

Acq: 09 Sep 2023 19:08

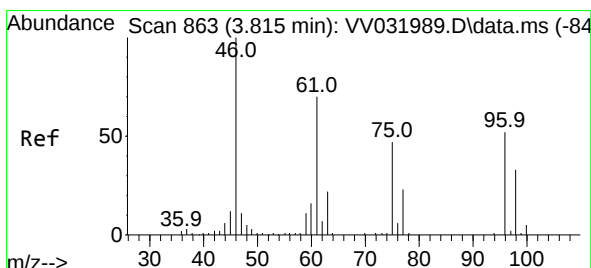
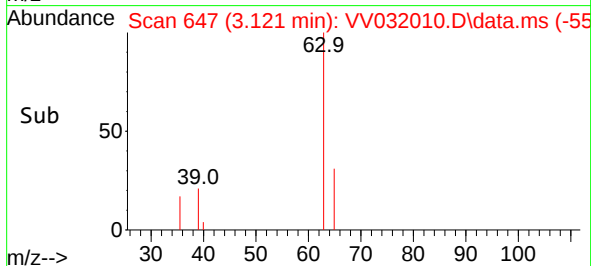
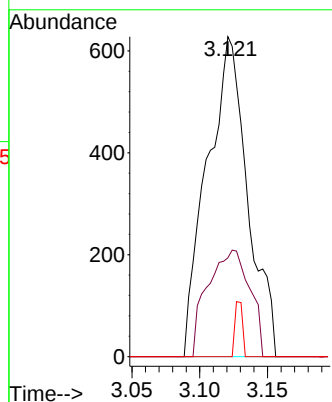
Instrument :

MSVOA\_V

ClientSampleId :



|             |                |
|-------------|----------------|
| Tgt Ion: 63 | Resp: 1303     |
| Ion Ratio   | Lower Upper    |
| 63          | 100            |
| 65          | 30.9 21.9 40.7 |
| 83          | 0.0 9.2 17.2#  |



#22

cis-1,2-Dichloroethene

Concen: 7.387 ug/L

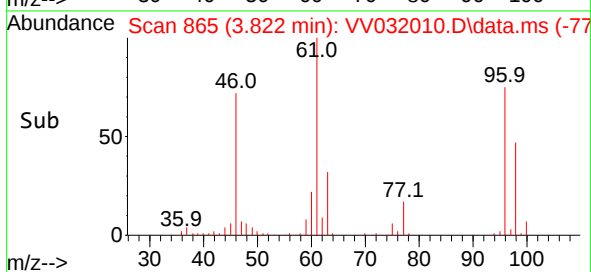
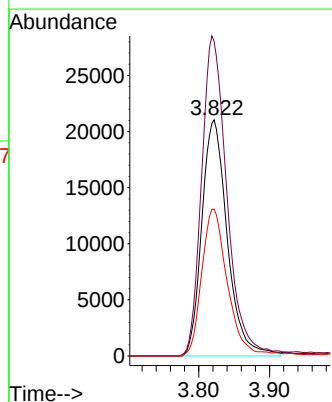
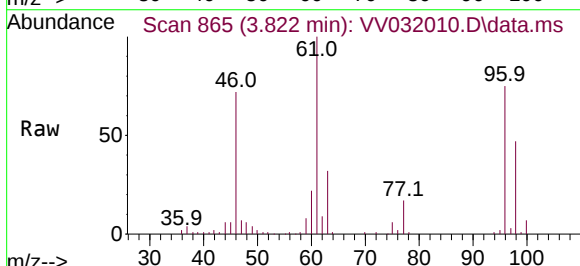
RT: 3.822 min Scan# 865

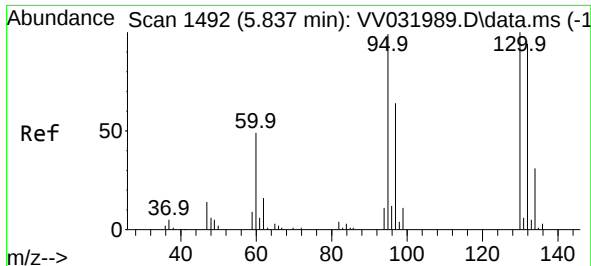
Delta R.T. 0.007 min

Lab File: VV032010.D

Acq: 09 Sep 2023 19:08

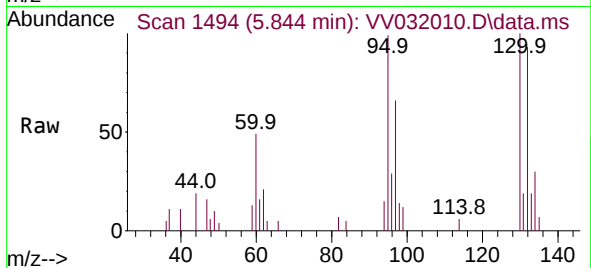
|             |                  |
|-------------|------------------|
| Tgt Ion: 96 | Resp: 52622      |
| Ion Ratio   | Lower Upper      |
| 96          | 100              |
| 61          | 133.3 94.1 174.8 |
| 98          | 62.2 43.8 81.4   |



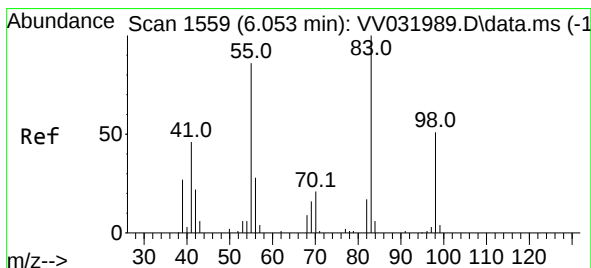
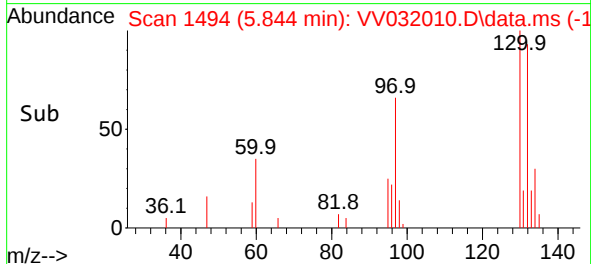
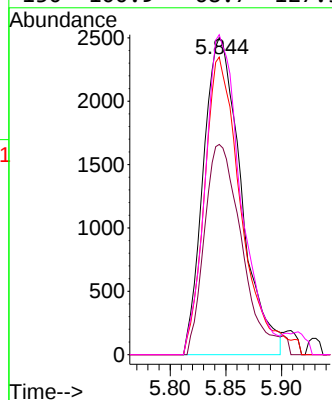


#34  
Trichloroethene  
Concen: 0.717 ug/L  
RT: 5.844 min Scan# 1492  
Delta R.T. 0.007 min  
Lab File: VV032010.D  
Acq: 09 Sep 2023 19:08

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MSVOA\_V  
ClientSampleId :

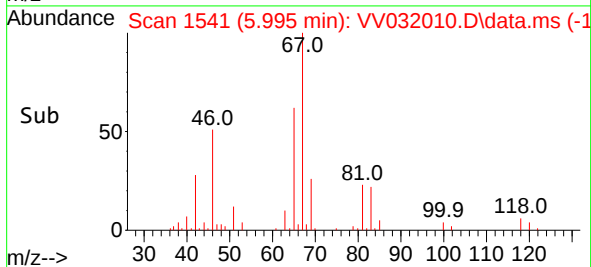
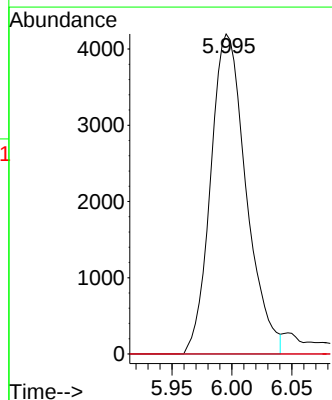
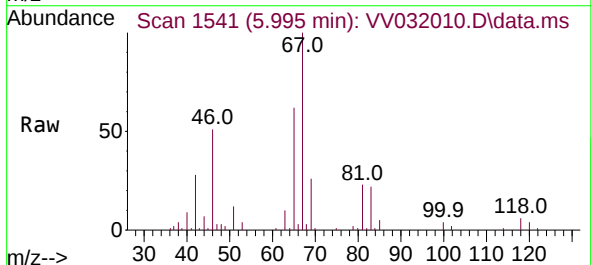


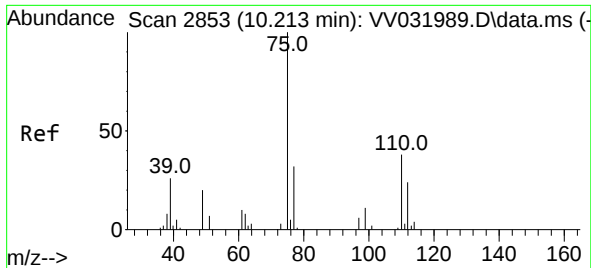
| Tgt Ion: | 95    | Resp: | 5899  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 95       | 100   |       |       |
| 97       | 66.3  | 47.7  | 88.7  |
| 132      | 93.8  | 63.8  | 118.4 |
| 130      | 100.9 | 68.7  | 127.5 |



#35  
Methylcyclohexane  
Concen: 0.722 ug/L  
RT: 5.995 min Scan# 1541  
Delta R.T. -0.058 min  
Lab File: VV032010.D  
Acq: 09 Sep 2023 19:08

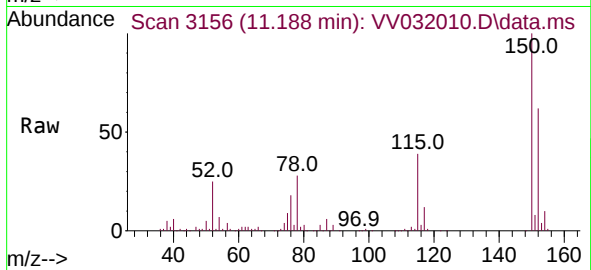
| Tgt Ion: | 83    | Resp: | 8641  |
|----------|-------|-------|-------|
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 55       | 0.5   | 62.6  | 94.0# |
| 98       | 3.2   | 37.8  | 56.8# |





#61  
 1,2,3-Trichloropropane  
 Concen: 1.888 ug/L  
 RT: 11.188 min Scan# 3156  
 Delta R.T. 0.974 min  
 Lab File: VV032010.D  
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Instrument :  
 MSVOA\_V  
 ClientSampleId :



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 36.2  | 28.8  | 43.2  |
| 110     | 2.3   | 30.2  | 45.2  |

