

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV030824\  
 Data File : VV034524.D  
 Acq On : 08 Mar 2024 12:03  
 Operator : SY/MD  
 Sample : P1679-03  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Mar 08 23:20:04 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM022924WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 08 23:17:44 2024  
 Response via : Initial Calibration

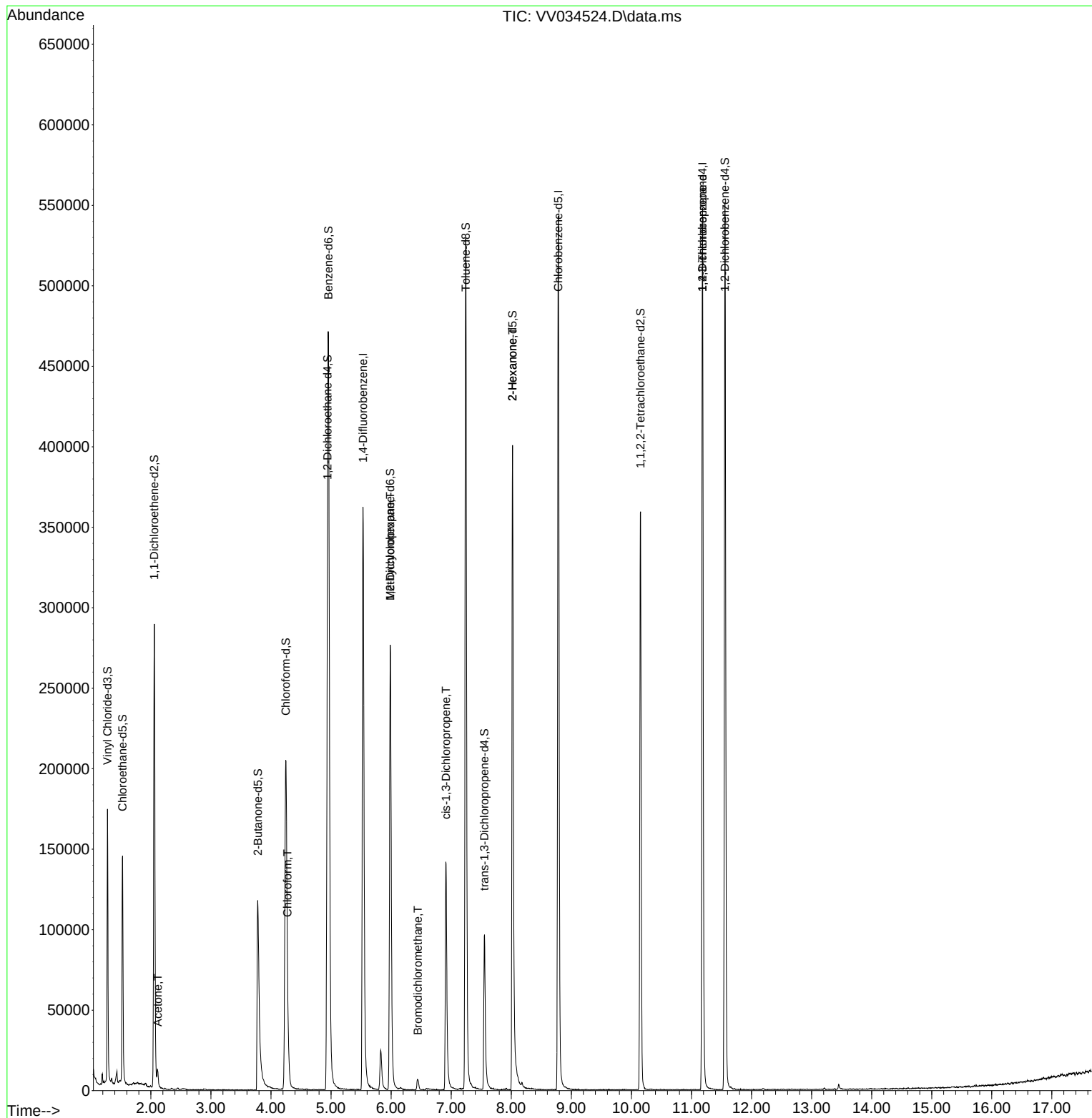
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.532   | 114   | 309224   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783   | 117   | 289337   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185  | 152   | 138672   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278   | 65    | 104463   | 38.969   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 77.940%  |
| 7) Chloroethane-d5            | 1.529   | 69    | 93969    | 44.995   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 90.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.056   | 65    | 48478    | 39.988   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 79.980%  |
| 21) 2-Butanone-d5             | 3.780   | 46    | 192721   | 107.506  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 107.510% |
| 24) Chloroform-d              | 4.246   | 84    | 213802   | 45.109   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 90.220%  |
| 26) 1,2-Dichloroethane-d4     | 4.940   | 65    | 146822   | 47.404   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 94.800%  |
| 32) Benzene-d6                | 4.957   | 84    | 402673   | 46.113   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 92.220%  |
| 36) 1,2-Dichloropropane-d6    | 5.985   | 67    | 128660   | 48.279   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 96.560%  |
| 41) Toluene-d8                | 7.243   | 98    | 352201   | 44.569   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 89.140%  |
| 43) trans-1,3-Dichloroprop... | 7.554   | 79    | 58466    | 43.689   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 87.380%  |
| 47) 2-Hexanone-d5             | 8.021   | 63    | 137329   | 103.197  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 103.200% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149  | 84    | 167132   | 47.657   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 95.320%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.558  | 152   | 137766   | 48.603   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 97.200%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 13) Acetone                   | 2.114   | 43    | 10459    | 4.853    | ug/L   | 97       |
| 25) Chloroform                | 4.275   | 83    | 24250    | 5.329    | ug/L   | 98       |
| 35) Methylcyclohexane         | 5.985   | 83    | 31660    | 8.158    | ug/L # | 18       |
| 38) Bromodichloromethane      | 6.445   | 83    | 5213     | 1.576    | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 6.915   | 75    | 4470     | 1.173    | ug/L # | 62       |
| 48) 2-Hexanone                | 8.021   | 43    | 16697    | 6.044    | ug/L # | 70       |
| 61) 1,2,3-Trichloropropane    | 11.185  | 75    | 16973    | 6.412    | ug/L # | 63       |
| -----                         |         |       |          |          |        |          |

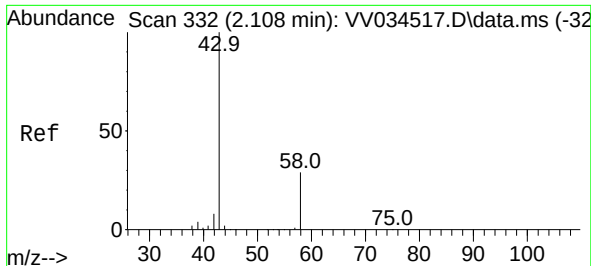
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Fri Mar 08 23:17:44 2024  
Response via : Initial Calibration





#13

Acetone

Concen: 4.853 ug/L

RT: 2.114 min Scan# 34

Delta R.T. 0.006 min

Lab File: VV034524.D

Acq: 08 Mar 2024 12:03

Instrument :

MSVOA\_V

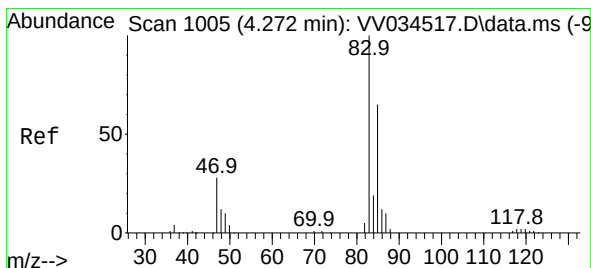
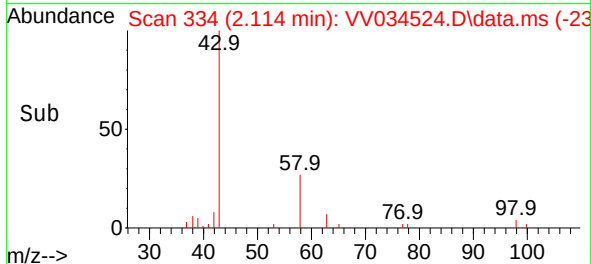
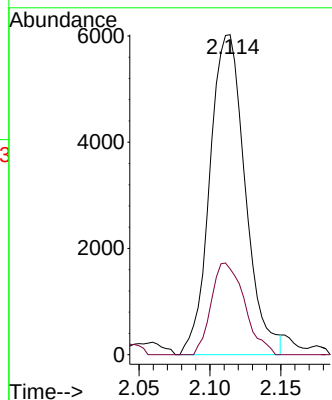
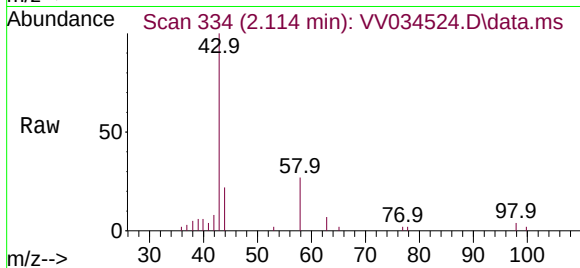
ClientSampleId :

Tgt Ion: 43 Resp: 10459

Ion Ratio Lower Upper

43 100

58 26.9 0.0 57.2



#25

Chloroform

Concen: 5.329 ug/L

RT: 4.275 min Scan# 1006

Delta R.T. 0.003 min

Lab File: VV034524.D

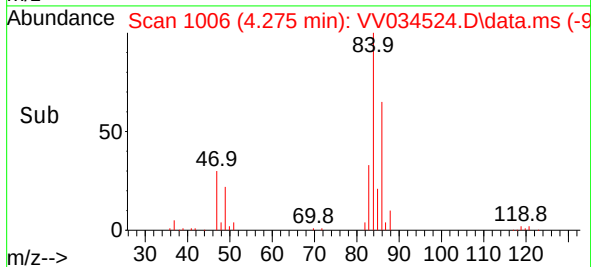
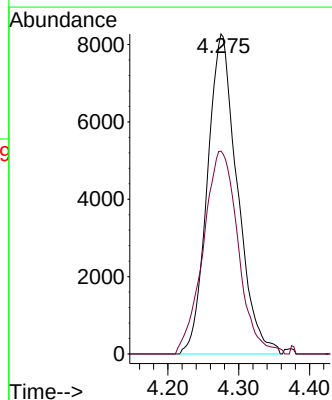
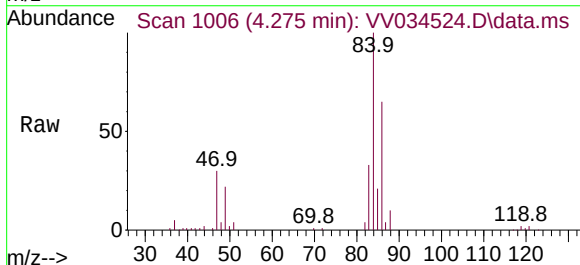
Acq: 08 Mar 2024 12:03

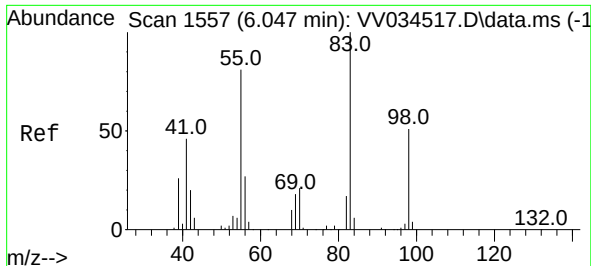
Tgt Ion: 83 Resp: 24250

Ion Ratio Lower Upper

83 100

85 63.4 45.5 84.5





#35

Methylcyclohexane

Concen: 8.158 ug/L

RT: 5.985 min Scan# 1

Delta R.T. -0.061 min

Lab File: VV034524.D

Acq: 08 Mar 2024 12:03

Instrument :

MSVOA\_V

ClientSampleId :

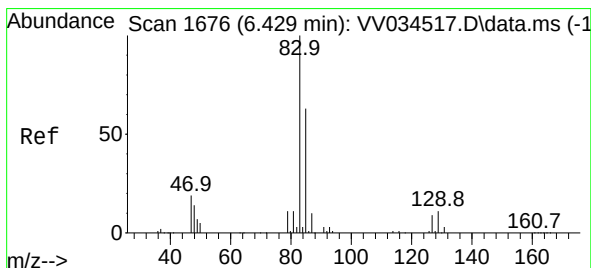
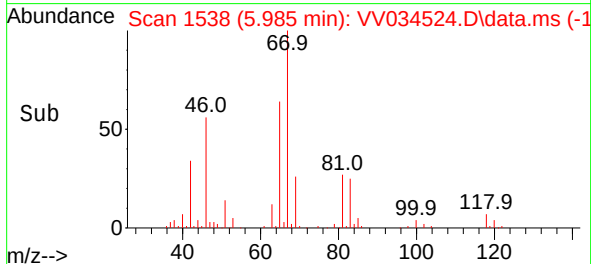
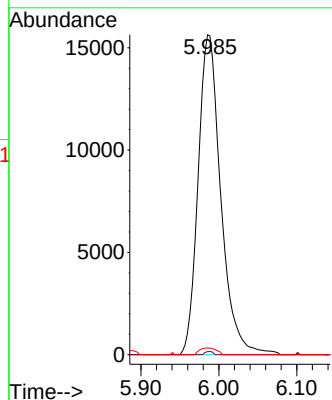
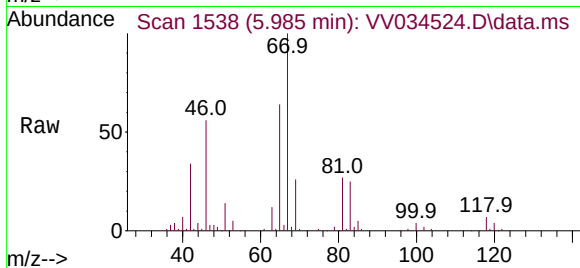
Tgt Ion: 83 Resp: 31660

Ion Ratio Lower Upper

83 100

55 0.3 62.6 94.0#

98 1.5 39.5 59.3#



#38

Bromodichloromethane

Concen: 1.576 ug/L

RT: 6.445 min Scan# 1681

Delta R.T. 0.016 min

Lab File: VV034524.D

Acq: 08 Mar 2024 12:03

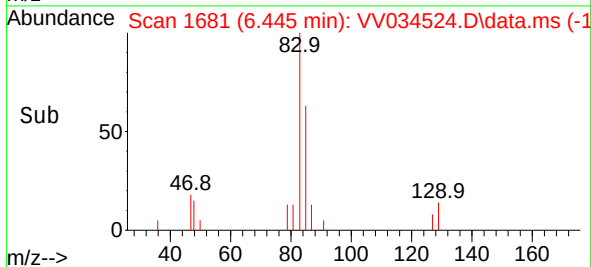
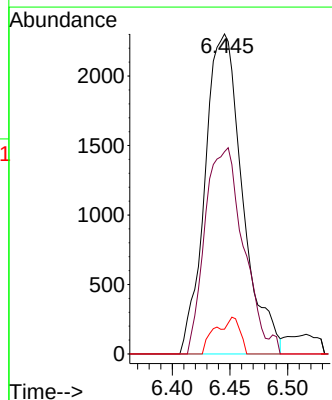
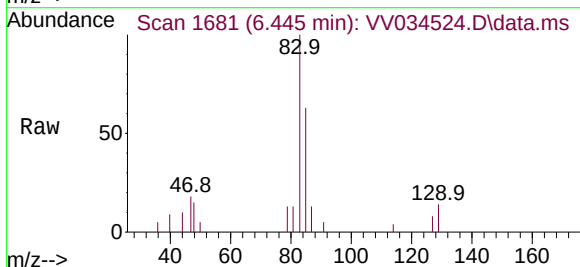
Tgt Ion: 83 Resp: 5213

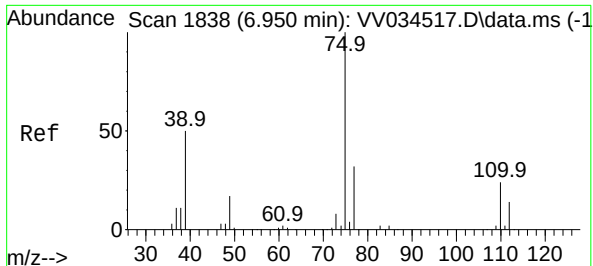
Ion Ratio Lower Upper

83 100

85 63.2 44.6 82.8

127 7.8 6.9 10.3

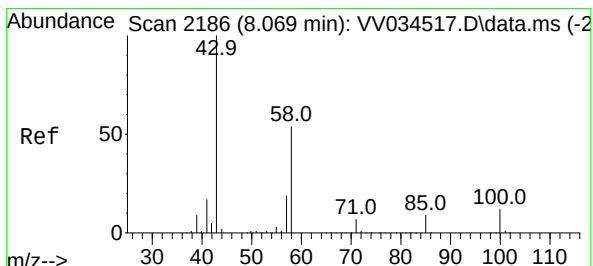
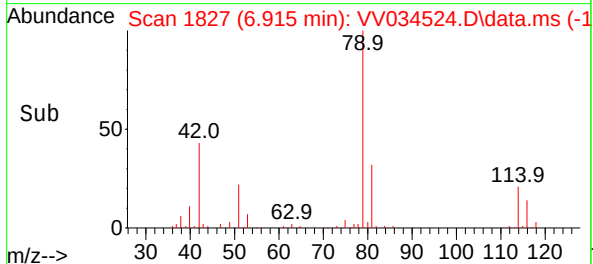
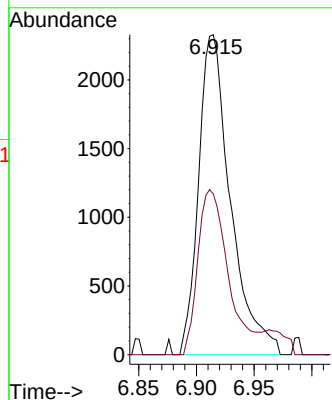
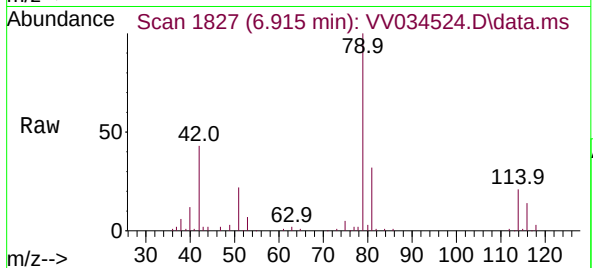




#39  
 cis-1,3-Dichloropropene  
 Concen: 1.173 ug/L  
 RT: 6.915 min Scan# 11  
 Delta R.T. -0.036 min  
 Lab File: VV034524.D  
 Acq: 08 Mar 2024 12:03

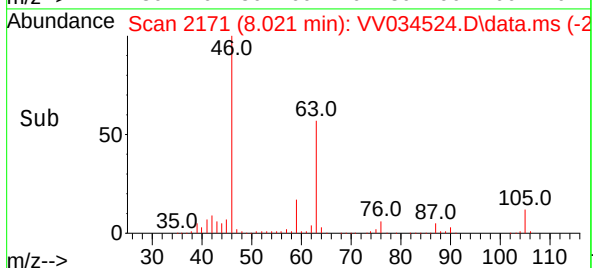
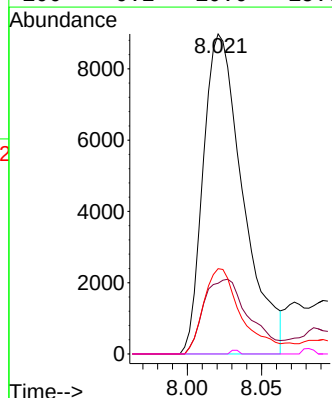
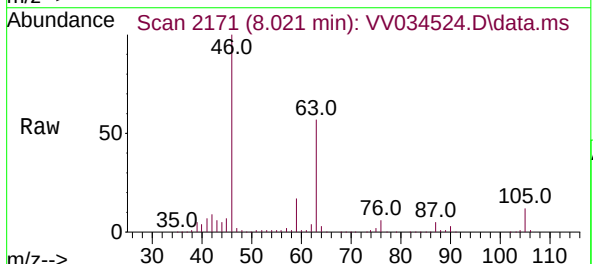
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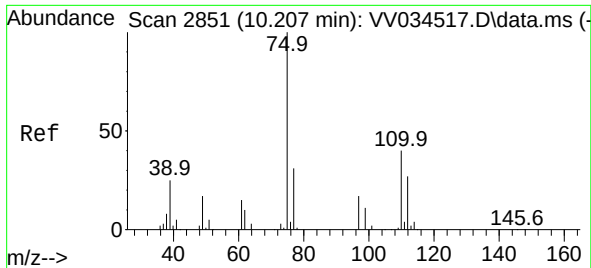
Tgt Ion: 75 Resp: 4470  
 Ion Ratio Lower Upper  
 75 100  
 77 50.2 20.9 38.9#



#48  
 2-Hexanone  
 Concen: 6.044 ug/L  
 RT: 8.021 min Scan# 2171  
 Delta R.T. -0.048 min  
 Lab File: VV034524.D  
 Acq: 08 Mar 2024 12:03

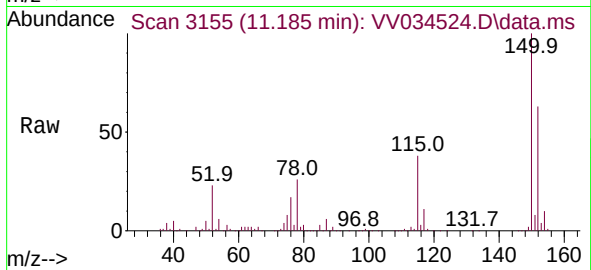
Tgt Ion: 43 Resp: 16697  
 Ion Ratio Lower Upper  
 43 100  
 58 27.0 42.0 63.0#  
 57 25.4 15.2 22.8#  
 100 0.2 10.0 15.0#





#61  
 1,2,3-Trichloropropane  
 Concen: 6.412 ug/L  
 RT: 11.185 min Scan# 3155  
 Delta R.T. 0.977 min  
 Lab File: VV034524.D  
 Acq: 08 Mar 2024 12:03

Instrument :  
 MSVOA\_V  
 ClientSampleId :



|             |                |
|-------------|----------------|
| Tgt Ion: 75 | Resp: 16973    |
| Ion Ratio   | Lower Upper    |
| 75          | 100            |
| 77          | 36.8 25.9 38.9 |
| 110         | 3.5 33.1 49.7# |

