

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062924\  
 Data File : VU059619.D  
 Acq On : 28 Jun 2024 14:43  
 Operator : MD/SY  
 Sample : P3006-21DL 5X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

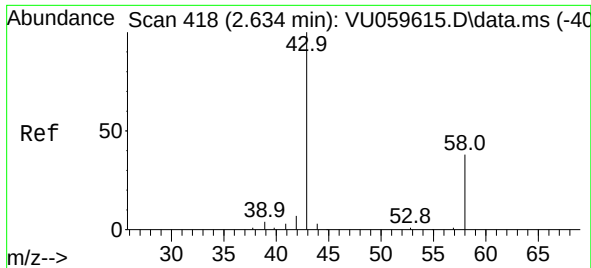
Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jun 28 23:57:00 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Jun 28 23:55:24 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 149027   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 155586   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807 | 152   | 69251    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 37445    | 3.614    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 72.200%  |
| 7) Chloroethane-d5            | 1.907  | 69    | 43195    | 4.332    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 86.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 18197    | 4.233    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 84.600%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 123702   | 57.952   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 115.900% |
| 24) Chloroform-d              | 5.055  | 84    | 98379    | 4.625    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 48546    | 4.738    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 94.800%  |
| 32) Benzene-d6                | 5.721  | 84    | 199694   | 4.664    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.200%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 62361    | 4.753    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 95.000%  |
| 41) Toluene-d8                | 7.891  | 98    | 168798   | 4.240    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 84.800%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 19233    | 4.681    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 93.600%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 99435    | 58.246   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 116.500% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.750 | 84    | 55730    | 5.141    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 102.800% |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 63988    | 5.192    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 103.800% |
|                               |        |       |          |          |        |          |
| Target Compounds              | Qvalue |       |          |          |        |          |
| 13) Acetone                   | 2.634  | 43    | 80648    | 58.244   | ug/L   | 93       |
| 15) Methyl Acetate            | 2.811  | 43    | 28109    | 7.693    | ug/L # | 51       |
| 16) Methylene chloride        | 3.039  | 84    | 26750    | 2.136    | ug/L   | 91       |
| 21) 2-Butanone                | 4.721  | 43    | 8994     | 4.050    | ug/L   | 80       |
| 35) Methylcyclohexane         | 6.682  | 83    | 14739    | 0.810    | ug/L # | 18       |
| 37) 1,2-Dichloropropane       | 6.685  | 63    | 6048     | 0.495    | ug/L # | 90       |
| 47) Tetrachloroethene         | 8.547  | 164   | 15582    | 1.569    | ug/L   | 95       |
| 49) Dibromochloromethane      | 8.547  | 129   | 14405    | 1.443    | ug/L # | 12       |
| 61) 1,2,3-Trichloropropane    | 11.807 | 75    | 7720     | 1.206    | ug/L # | 70       |
| -----                         |        |       |          |          |        |          |

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





#13

Acetone

Concen: 58.244 ug/L

RT: 2.634 min Scan# 418

Delta R.T. 0.000 min

Lab File: VU059619.D

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Instrument :

MSVOA\_U

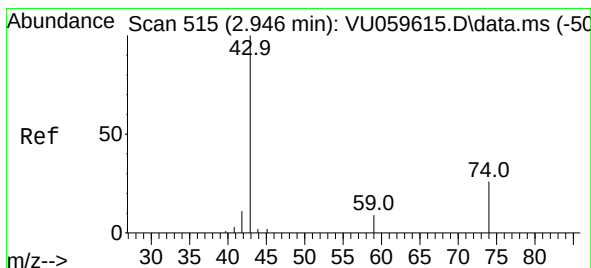
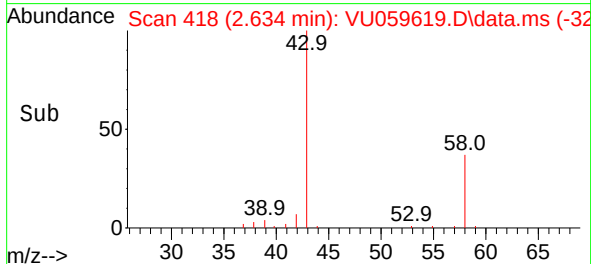
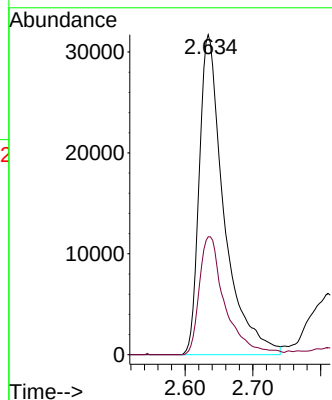
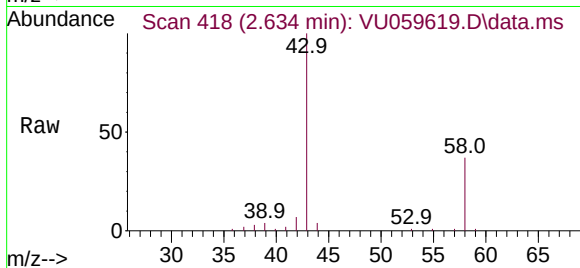
ClientSampleId :

Tgt Ion: 43 Resp: 80648

Ion Ratio Lower Upper

43 100

58 38.1 0.0 68.0



#15

Methyl Acetate

Concen: 7.693 ug/L

RT: 2.811 min Scan# 473

Delta R.T. -0.135 min

Lab File: VU059619.D

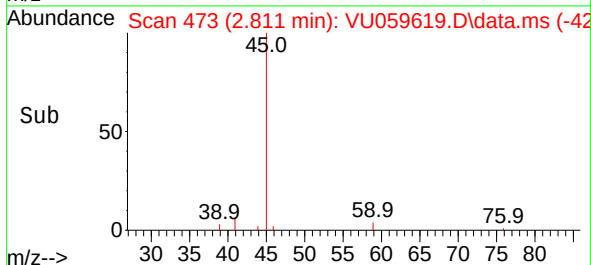
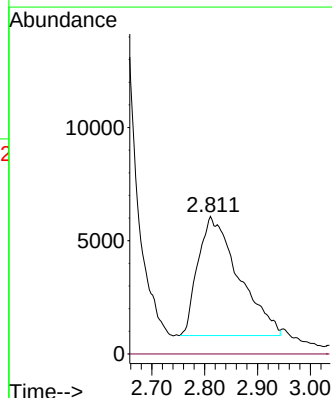
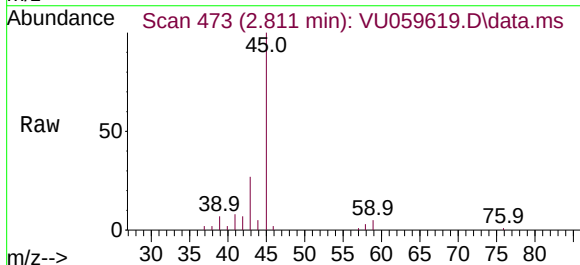
Acq: 28 Jun 2024 14:43

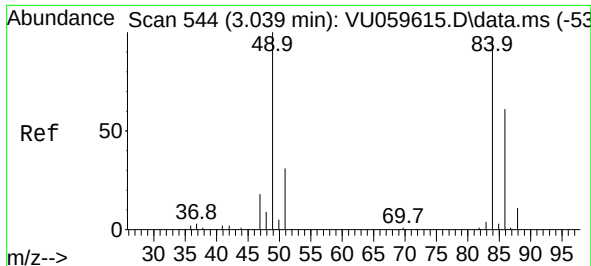
Tgt Ion: 43 Resp: 28109

Ion Ratio Lower Upper

43 100

74 0.0 19.2 28.8#





#16

Methylene chloride

Concen: 2.136 ug/L

RT: 3.039 min Scan# 544

Delta R.T. 0.000 min

Lab File: VU059619.D

Acq: 28 Jun 2024 14:43

Instrument :

MSVOA\_U

ClientSampleId :

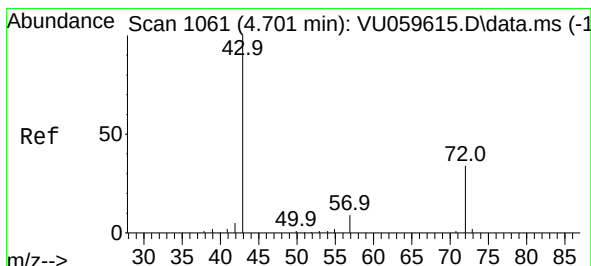
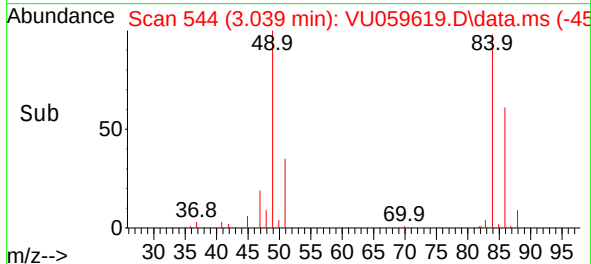
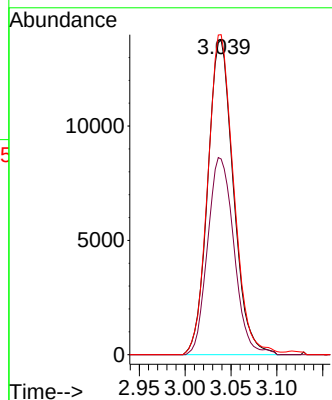
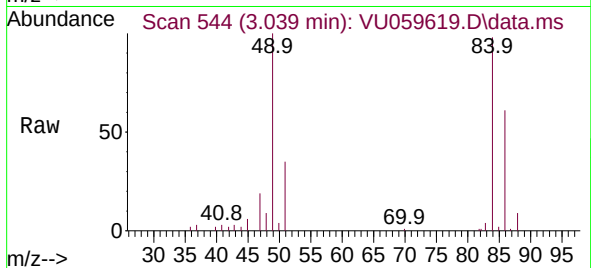
Tgt Ion: 84 Resp: 26750

Ion Ratio Lower Upper

84 100

86 62.2 42.1 78.1

49 101.7 80.6 149.8



#21

2-Butanone

Concen: 4.050 ug/L

RT: 4.721 min Scan# 1067

Delta R.T. 0.019 min

Lab File: VU059619.D

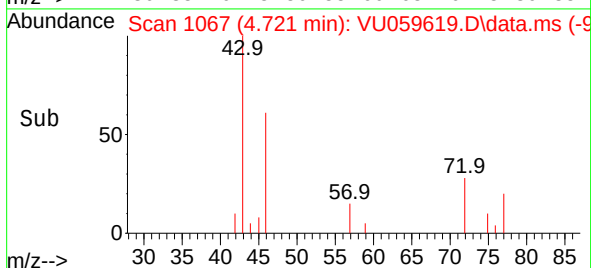
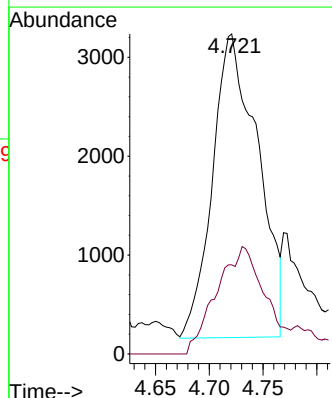
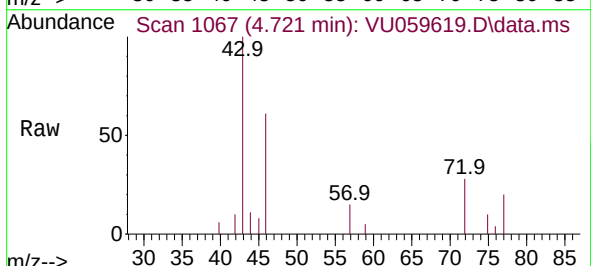
Acq: 28 Jun 2024 14:43

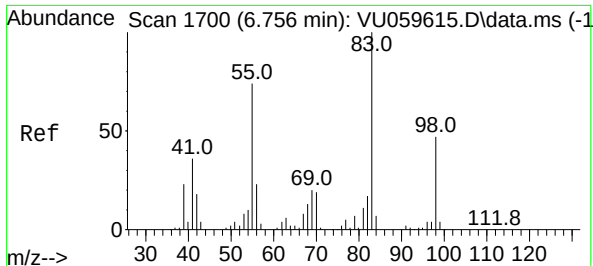
Tgt Ion: 43 Resp: 8994

Ion Ratio Lower Upper

43 100

72 38.1 13.8 41.4





#35

Methylcyclohexane

Concen: 0.810 ug/L

RT: 6.682 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU059619.D

Acq: 28 Jun 2024 14:43

Instrument :

MSVOA\_U

ClientSampleId :

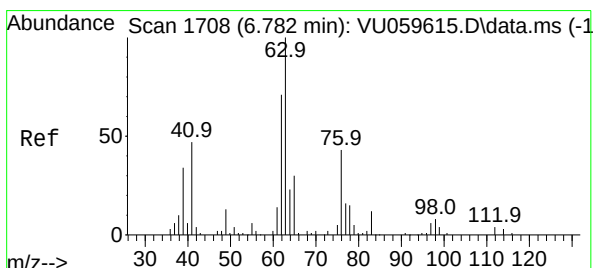
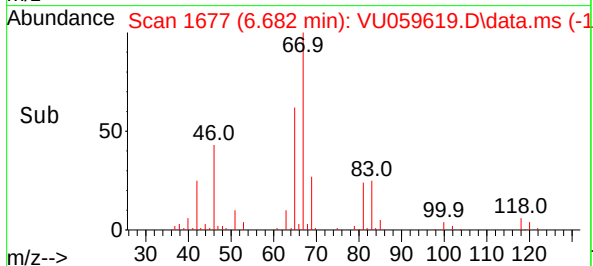
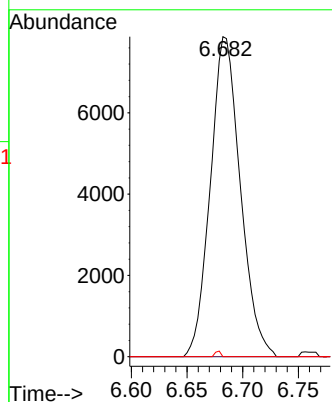
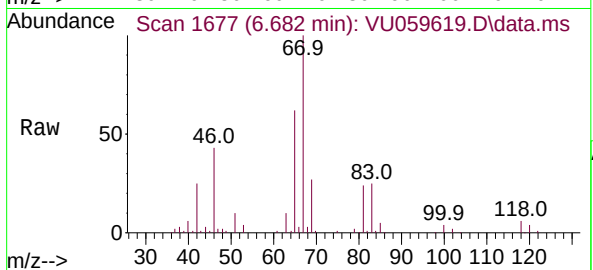
Tgt Ion: 83 Resp: 14739

Ion Ratio Lower Upper

83 100

55 0.0 62.7 94.1#

98 0.3 35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.495 ug/L

RT: 6.685 min Scan# 1678

Delta R.T. -0.096 min

Lab File: VU059619.D

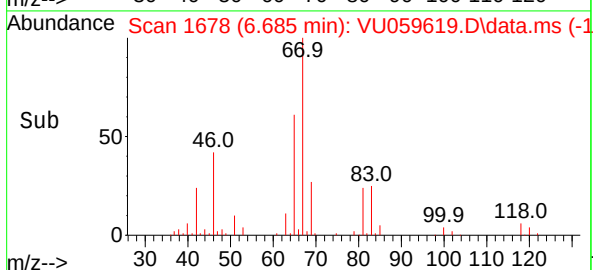
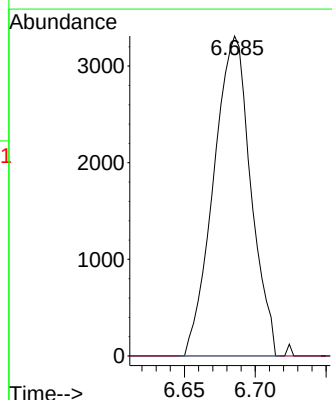
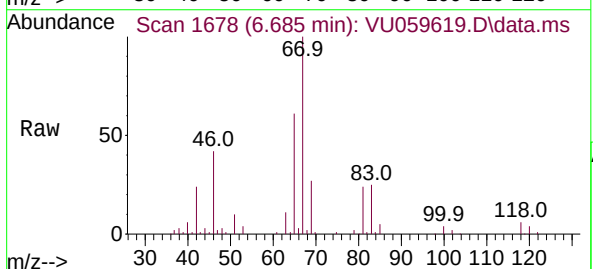
Acq: 28 Jun 2024 14:43

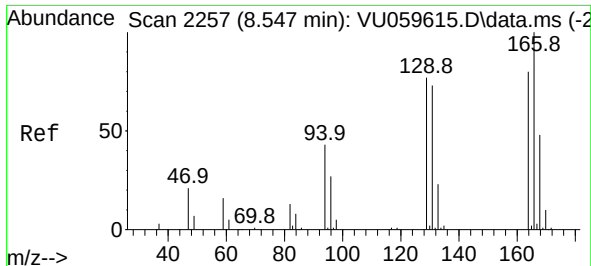
Tgt Ion: 63 Resp: 6048

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#





#47

Tetrachloroethene

Concen: 1.569 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

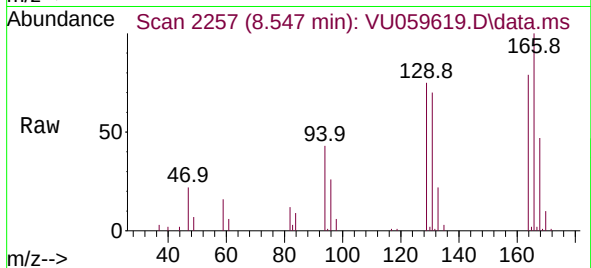
Lab File: VU059619.D

Acq: 28 Jun 2024 14:43

Instrument :

MSVOA\_U

ClientSampleId :



Tgt Ion:164 Resp: 15582

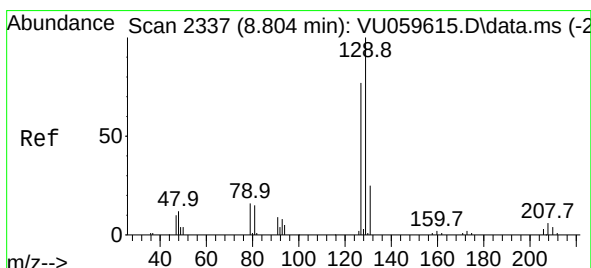
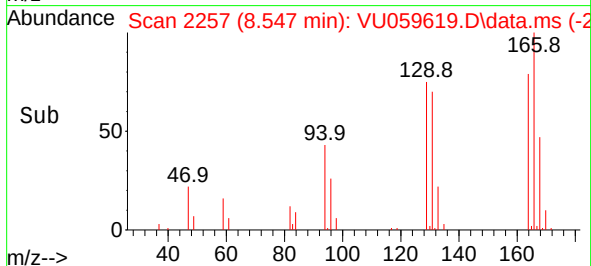
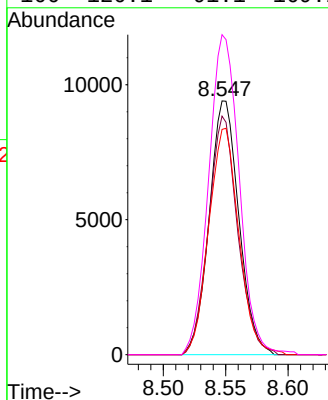
Ion Ratio Lower Upper

164 100

129 94.0 70.8 131.4

131 88.8 64.8 120.3

166 126.1 91.1 169.1



#49

Dibromochloromethane

Concen: 1.443 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.257 min

Lab File: VU059619.D

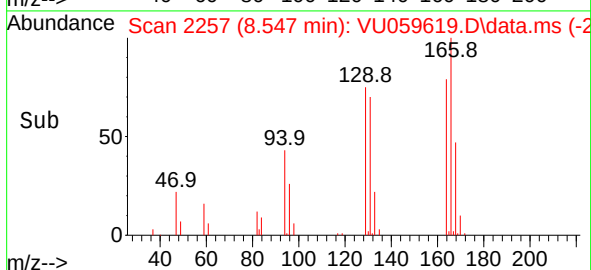
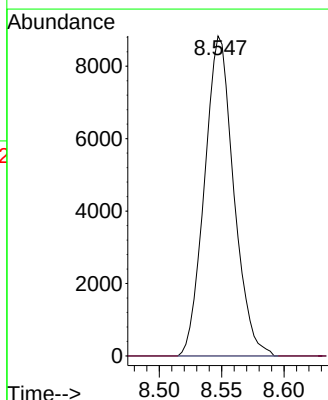
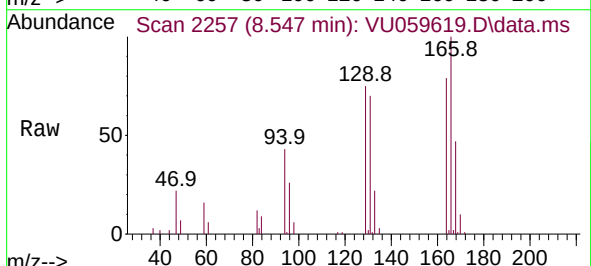
Acq: 28 Jun 2024 14:43

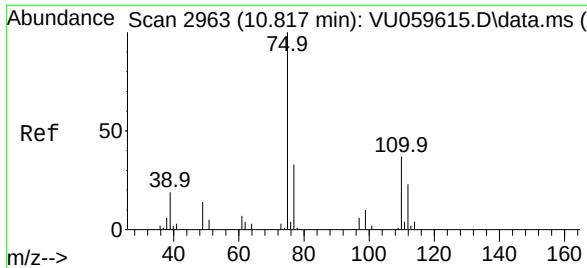
Tgt Ion:129 Resp: 14405

Ion Ratio Lower Upper

129 100

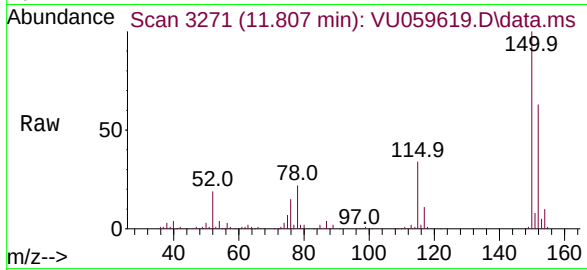
127 0.0 52.5 97.5#





#61  
 1,2,3-Trichloropropane  
 Concen: 1.206 ug/L  
 RT: 11.807 min Scan# 31  
 Delta R.T. 0.990 min  
 Lab File: VU059619.D  
 Acq: 28 Jun 2024 14:43

Instrument :  
 MSVOA\_U  
 ClientSampleId :



Tgt Ion: 75 Resp: 7720  
 Ion Ratio Lower Upper  
 75 100  
 110 2.4 27.1 40.7#  
 77 33.2 25.4 38.2

