

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU013122\  
 Data File : VU046917.D  
 Acq On : 31 Jan 2022 15:01  
 Operator : SY/MD  
 Sample : N1328-09 10X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COHM8

Quant Time: Feb 01 00:26:24 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR011822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Feb 01 00:23:47 2022  
 Response via : Initial Calibration

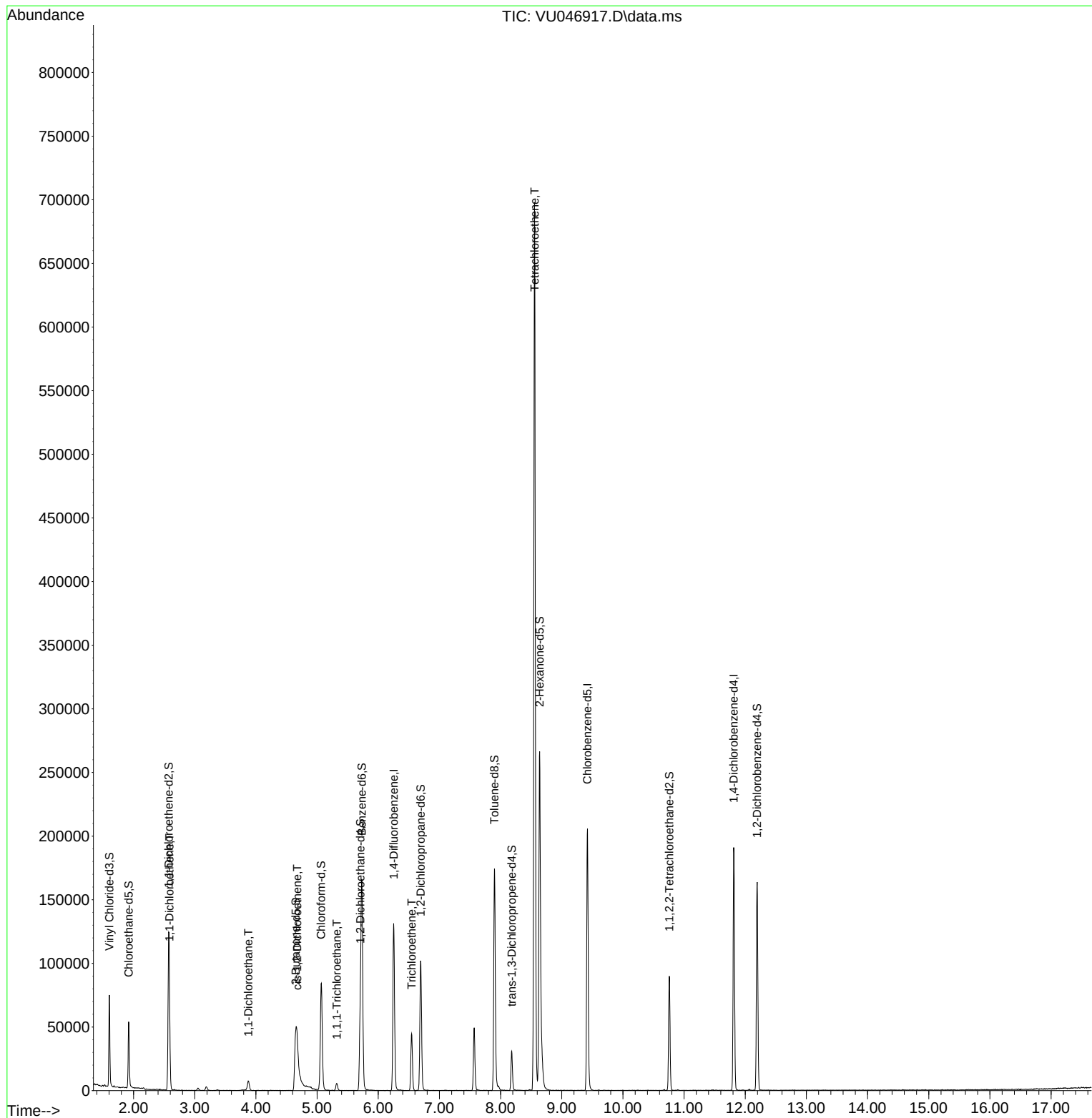
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114   | 108936   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420  | 117   | 122485   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 50749    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 53336    | 5.778    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 115.600% |
| 7) Chloroethane-d5            | 1.919  | 69    | 40710    | 5.597    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 112.000% |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 65    | 20299    | 5.528    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 110.600% |
| 20) 2-Butanone-d5             | 4.652  | 46    | 113681   | 41.571   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 83.140%  |
| 24) Chloroform-d              | 5.066  | 84    | 77924    | 4.809    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 96.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.706  | 65    | 44026    | 4.989    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 99.800%  |
| 32) Benzene-d6                | 5.732  | 84    | 161047   | 4.474    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.693  | 67    | 49530    | 4.583    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 91.600%  |
| 41) Toluene-d8                | 7.899  | 98    | 123816   | 3.758    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 75.200%  |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79    | 19019    | 4.007    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 80.200%  |
| 46) 2-Hexanone-d5             | 8.639  | 63    | 111763   | 39.765   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 79.520%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84    | 45614    | 4.203    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 84.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152   | 43419    | 4.562    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 91.200%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.587  | 96    | 11921    | 1.960    | ug/L   | # 43     |
| 19) 1,1-Dichloroethane        | 3.877  | 63    | 9225     | 0.834    | ug/L   | 98       |
| 22) cis-1,2-Dichloroethene    | 4.674  | 96    | 6338     | 0.912    | ug/L   | 89       |
| 29) 1,1,1-Trichloroethane     | 5.321  | 97    | 4545     | 0.412    | ug/L   | 96       |
| 34) Trichloroethene           | 6.546  | 95    | 15859    | 2.118    | ug/L   | 98       |
| 47) Tetrachloroethene         | 8.555  | 164   | 156050   | 25.626   | ug/L   | 97       |
| -----                         |        |       |          |          |        |          |

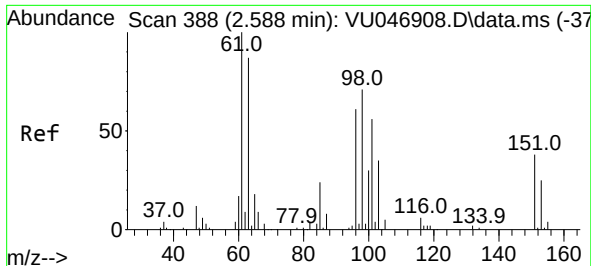
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 01 00:23:47 2022  
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 1.960 ug/L

RT: 2.587 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU046917.D

Acq: 31 Jan 2022 15:01

Instrument :

MSVOA\_U

ClientSampleId :

COHM8

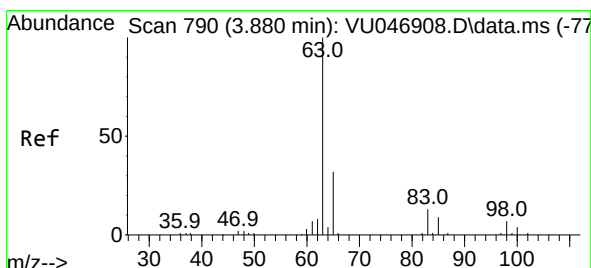
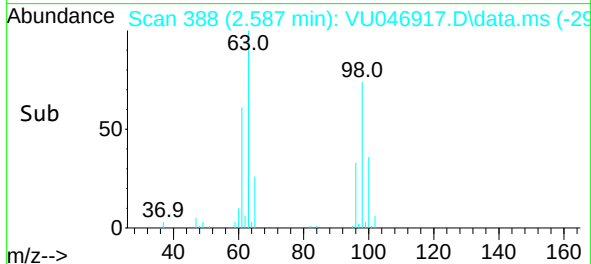
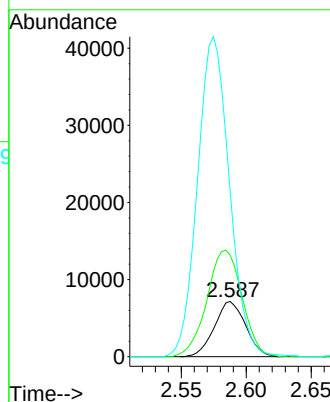
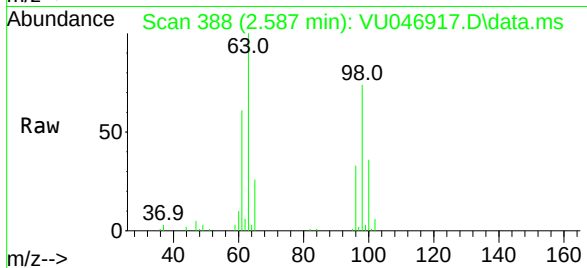
Tgt Ion: 96 Resp: 11921

Ion Ratio Lower Upper

96 100

61 184.2 124.7 231.5

63 301.3 105.2 195.4#



#19

1,1-Dichloroethane

Concen: 0.834 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.003 min

Lab File: VU046917.D

Acq: 31 Jan 2022 15:01

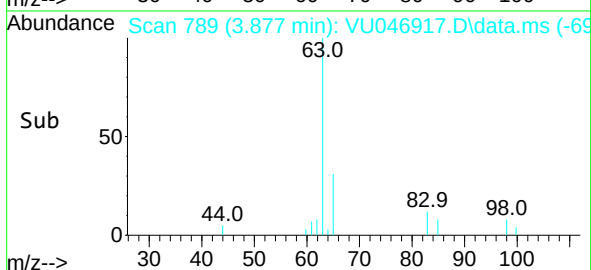
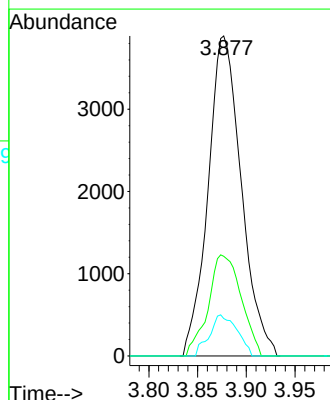
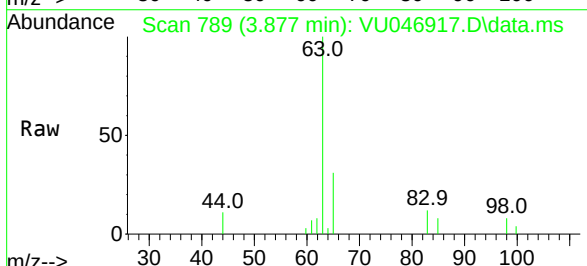
Tgt Ion: 63 Resp: 9225

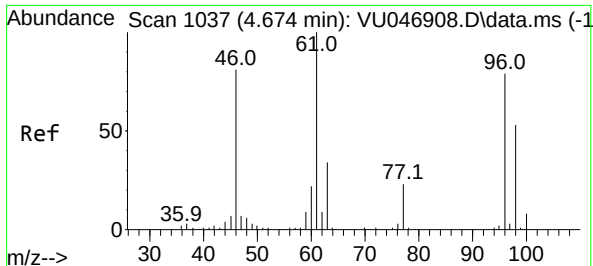
Ion Ratio Lower Upper

63 100

65 31.1 22.3 41.5

83 11.7 9.6 17.8





#22

cis-1,2-Dichloroethene

Concen: 0.912 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VU046917.D

Acq: 31 Jan 2022 15:01

Instrument :

MSVOA\_U

ClientSampleId :

COHM8

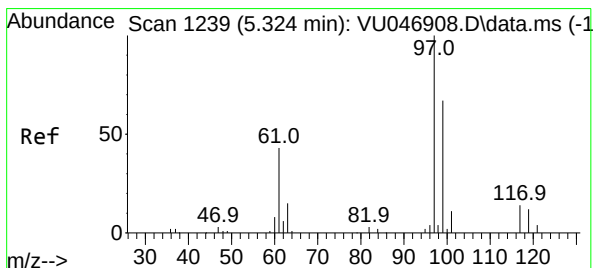
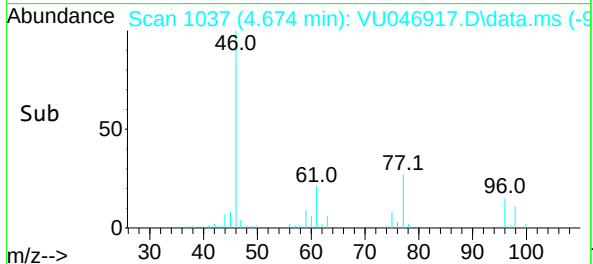
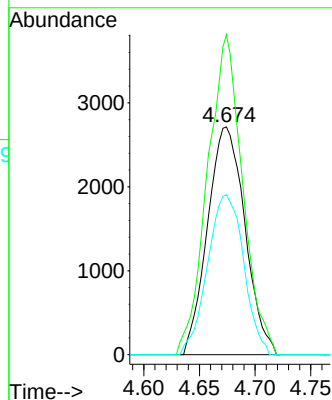
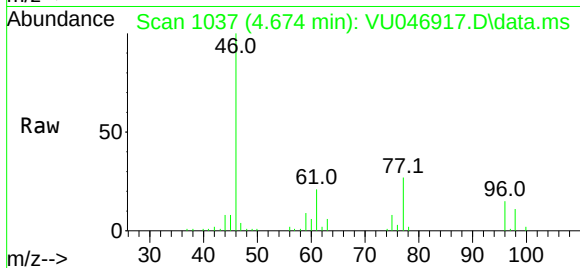
Tgt Ion: 96 Resp: 6338

Ion Ratio Lower Upper

96 100

61 140.6 88.5 164.3

98 70.3 44.4 82.5



#29

1,1,1-Trichloroethane

Concen: 0.412 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU046917.D

Acq: 31 Jan 2022 15:01

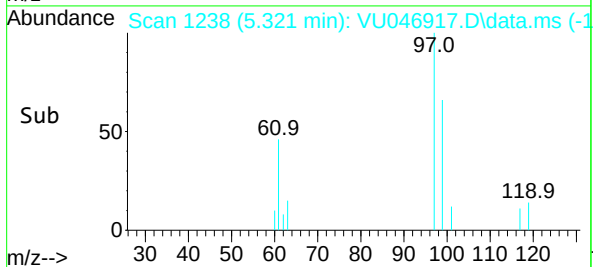
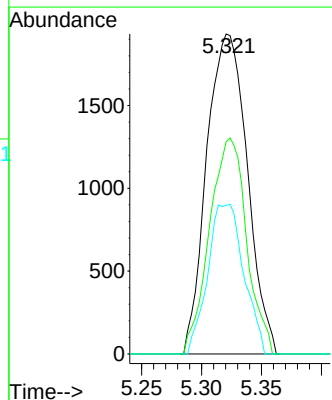
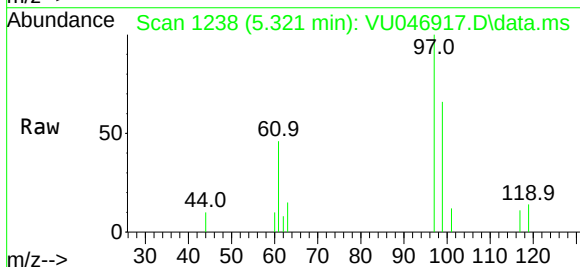
Tgt Ion: 97 Resp: 4545

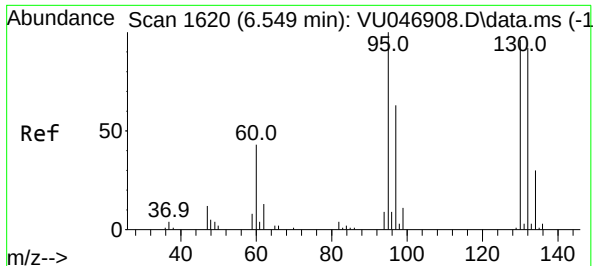
Ion Ratio Lower Upper

97 100

99 61.7 51.3 76.9

61 41.5 36.1 54.1



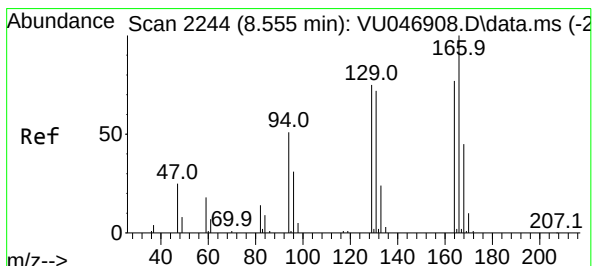
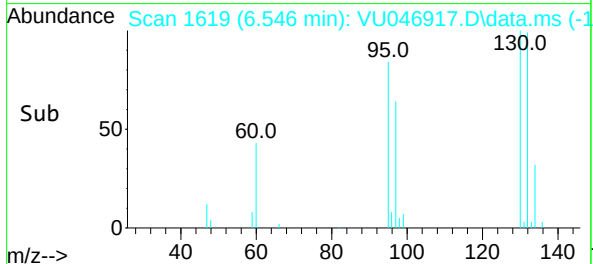
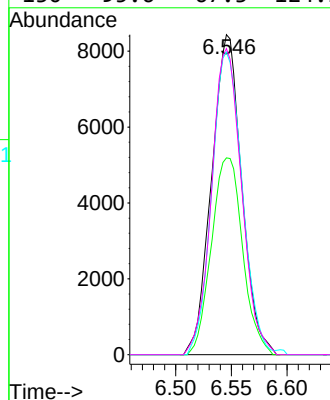
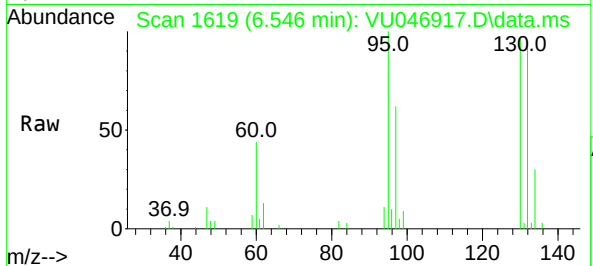


#34  
Trichloroethene  
Concen: 2.118 ug/L  
RT: 6.546 min Scan# 1  
Delta R.T. -0.003 min  
Lab File: VU046917.D  
Acq: 31 Jan 2022 15:01

Instrument :  
MSVOA\_U  
ClientSampleId :  
COHM8

Tgt Ion: 95 Resp: 15859

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 61.5  | 46.5  | 86.5  |
| 132 | 94.6  | 65.1  | 120.9 |
| 130 | 95.6  | 67.3  | 124.9 |



#47  
Tetrachloroethene  
Concen: 25.626 ug/L  
RT: 8.555 min Scan# 2244  
Delta R.T. -0.000 min  
Lab File: VU046917.D  
Acq: 31 Jan 2022 15:01

Tgt Ion: 164 Resp: 156050

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 101.1 | 71.8  | 133.4 |
| 131 | 95.8  | 68.5  | 127.3 |
| 166 | 128.4 | 94.1  | 174.8 |

