

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU021722\  
 Data File : VU047199.D  
 Acq On : 17 Feb 2022 11:59  
 Operator : SY/MD  
 Sample : N1474-02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Feb 18 00:56:00 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM021022WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Feb 18 00:54:38 2022  
 Response via : Initial Calibration

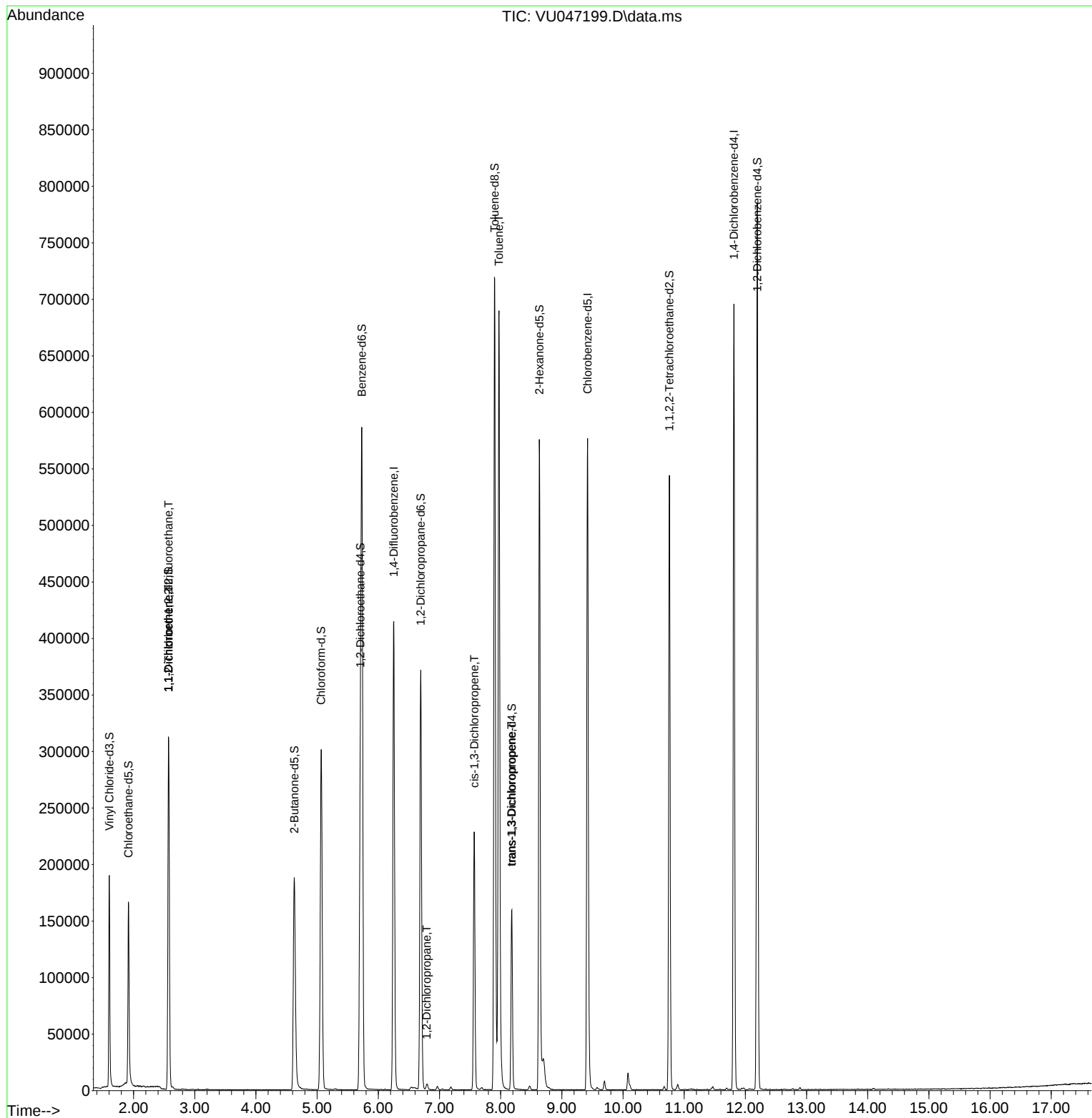
| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.253   | 114   | 348696   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.420   | 117   | 347571   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812  | 152   | 187051   | 50.000   | ug/L   | 0.00     |
|                               |         |       |          |          |        |          |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604   | 65    | 141009   | 44.526   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 89.060%  |
| 7) Chloroethane-d5            | 1.916   | 69    | 126730   | 53.983   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 107.960% |
| 11) 1,1-Dichloroethene-d2     | 2.572   | 63    | 179474   | 34.199   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 68.400%  |
| 21) 2-Butanone-d5             | 4.626   | 46    | 278731   | 113.486  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 113.490% |
| 24) Chloroform-d              | 5.067   | 84    | 264510   | 51.449   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 102.900% |
| 26) 1,2-Dichloroethane-d4     | 5.707   | 65    | 175044   | 53.046   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 106.100% |
| 32) Benzene-d6                | 5.732   | 84    | 539528   | 46.691   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 93.380%  |
| 36) 1,2-Dichloropropane-d6    | 6.694   | 67    | 177534   | 47.376   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 94.760%  |
| 41) Toluene-d8                | 7.899   | 98    | 512496   | 46.582   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 93.160%  |
| 43) trans-1,3-Dichloroprop... | 8.182   | 79    | 87959    | 44.791   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 89.580%  |
| 47) 2-Hexanone-d5             | 8.632   | 63    | 206943   | 96.396   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 96.400%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758  | 84    | 268309   | 49.105   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 98.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195  | 152   | 211831   | 47.750   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 95.500%  |
|                               |         |       |          |          |        |          |
| Target Compounds              |         |       |          |          |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.572   | 101   | 1645     | 0.712    | ug/L # | 20       |
| 12) 1,1-Dichloroethene        | 2.572   | 96    | 1446     | 0.638    | ug/L # | 1        |
| 37) 1,2-Dichloropropane       | 6.793   | 63    | 1756     | 0.605    | ug/L # | 86       |
| 39) cis-1,3-Dichloropropene   | 7.568   | 75    | 5165     | 1.094    | ug/L # | 65       |
| 42) Toluene                   | 7.973   | 91    | 544583   | 45.736   | ug/L   | 100      |
| 44) trans-1,3-Dichloropropene | 8.179   | 75    | 3548     | 0.782    | ug/L   | 91       |
| -----                         |         |       |          |          |        |          |

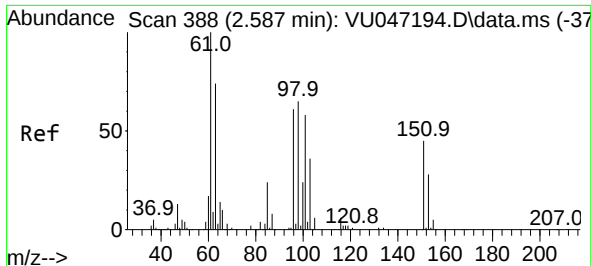
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis  
QLast Update : Fri Feb 18 00:54:38 2022  
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.712 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.016 min

Lab File: VU047199.D

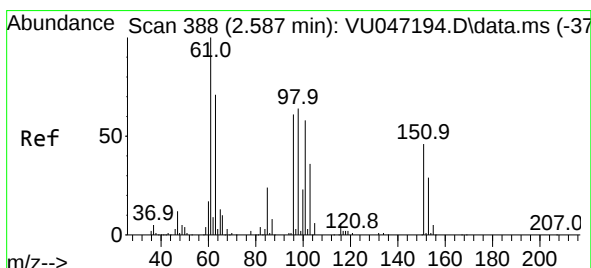
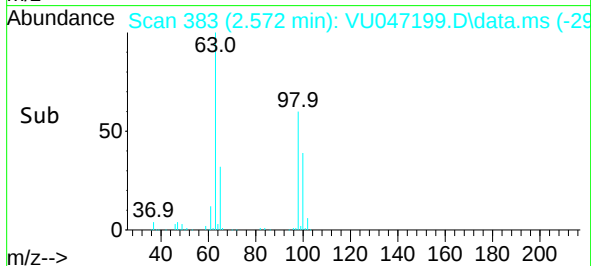
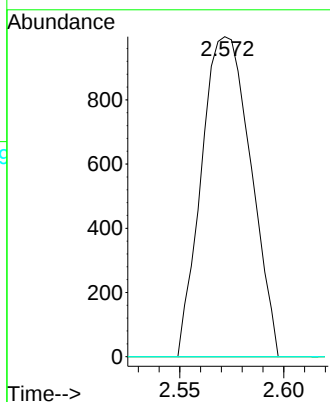
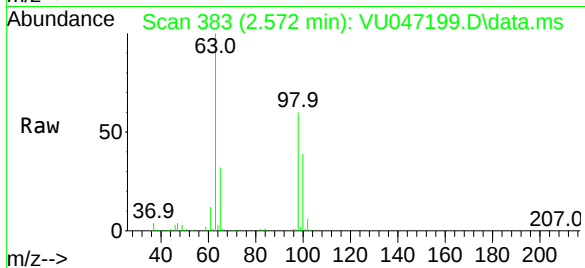
Acq: 17 Feb 2022 11:59

Instrument :

MSVOA\_U

ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion:101 | Resp: | 1645       |
| Ion Ratio   | Lower | Upper      |
| 101         | 100   |            |
| 85          | 0.0   | 34.9 52.3# |
| 151         | 0.0   | 58.3 87.5# |



#12

1,1-Dichloroethene

Concen: 0.638 ug/L

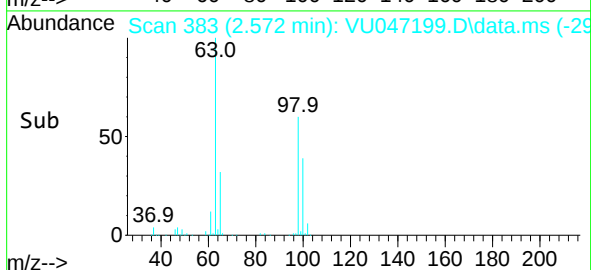
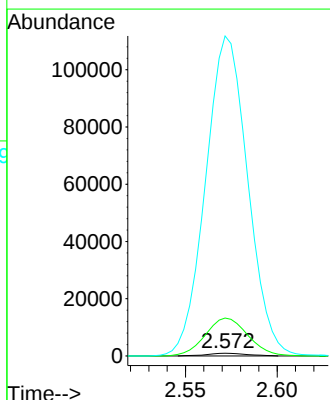
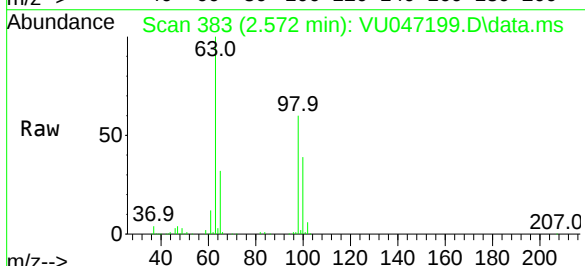
RT: 2.572 min Scan# 383

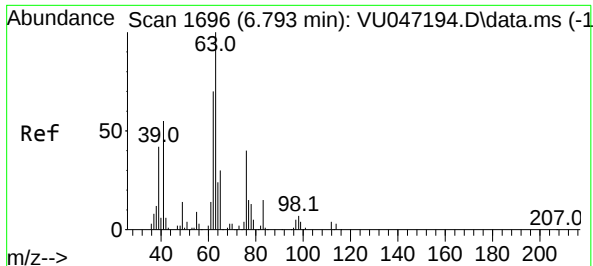
Delta R.T. -0.016 min

Lab File: VU047199.D

Acq: 17 Feb 2022 11:59

|             |         |              |
|-------------|---------|--------------|
| Tgt Ion: 96 | Resp:   | 1446         |
| Ion Ratio   | Lower   | Upper        |
| 96          | 100     |              |
| 61          | 1395.1  | 114.9 213.3# |
| 63          | 11770.1 | 86.0 159.8#  |





#37

1,2-Dichloropropane

Concen: 0.605 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047199.D

Acq: 17 Feb 2022 11:59

Instrument :

MSVOA\_U

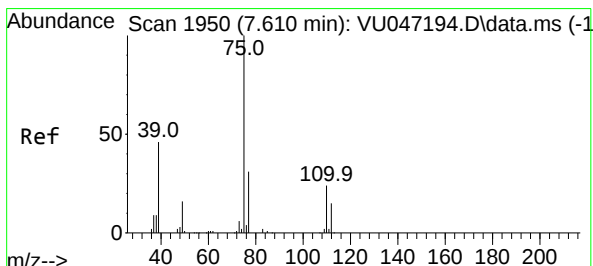
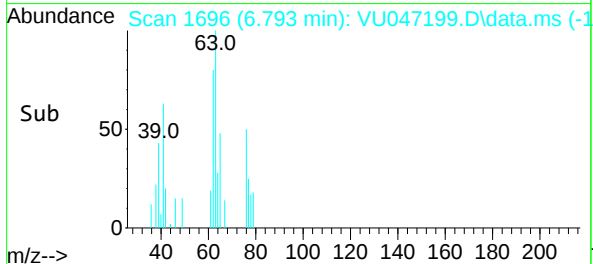
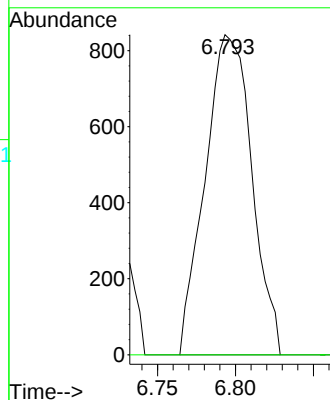
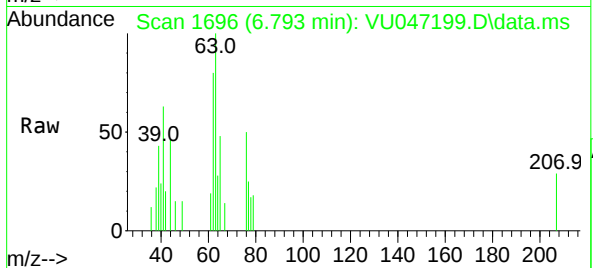
ClientSampleId :

Tgt Ion: 63 Resp: 1756

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#



#39

cis-1,3-Dichloropropene

Concen: 1.094 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU047199.D

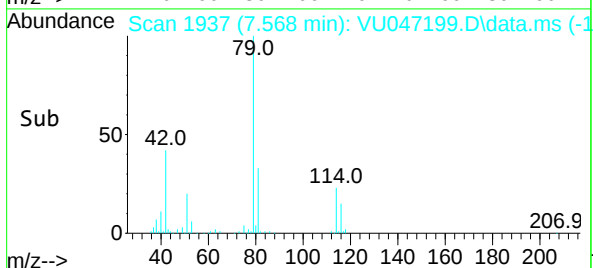
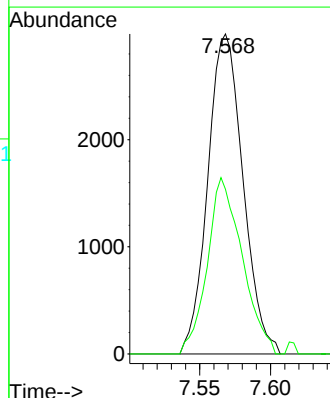
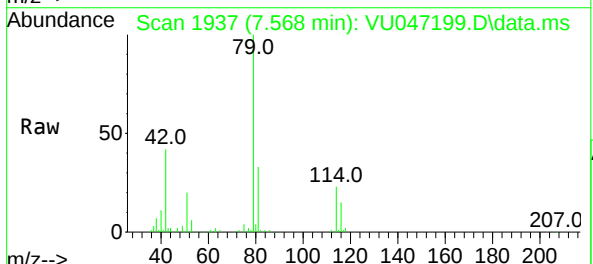
Acq: 17 Feb 2022 11:59

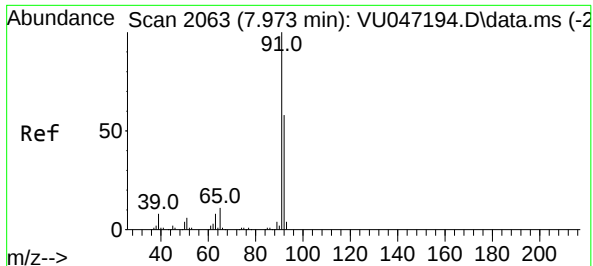
Tgt Ion: 75 Resp: 5165

Ion Ratio Lower Upper

75 100

77 51.4 22.3 41.3#





#42

Toluene

Concen: 45.736 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU047199.D

Acq: 17 Feb 2022 11:59

Instrument :

MSVOA\_U

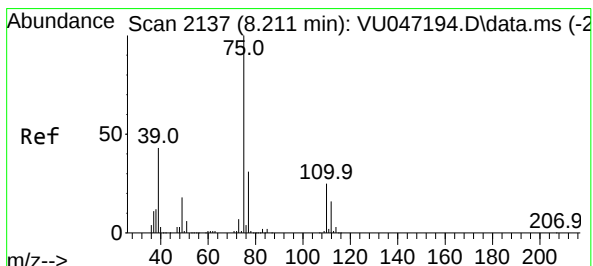
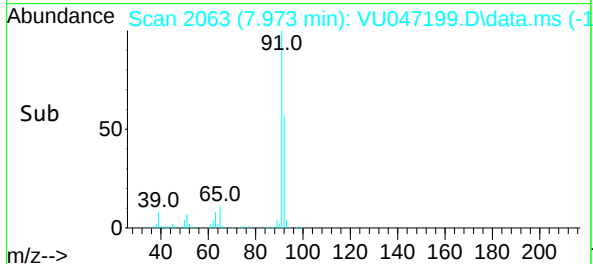
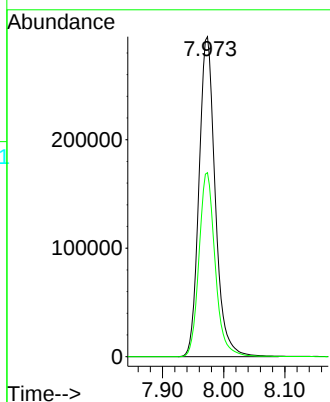
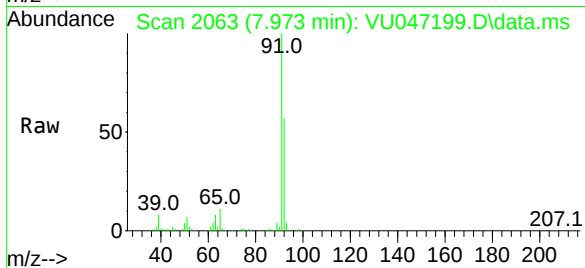
ClientSampleId :

Tgt Ion: 91 Resp: 544583

Ion Ratio Lower Upper

91 100

92 57.5 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 0.782 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU047199.D

Acq: 17 Feb 2022 11:59

Tgt Ion: 75 Resp: 3548

Ion Ratio Lower Upper

75 100

77 37.7 23.0 42.8

