

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031622\  
 Data File : VU047589.D  
 Acq On : 16 Mar 2022 14:44  
 Operator : SY/MD  
 Sample : N1858-22  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETNK8RE

Quant Time: Mar 17 00:51:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR031422WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Mar 17 00:50:30 2022  
 Response via : Initial Calibration

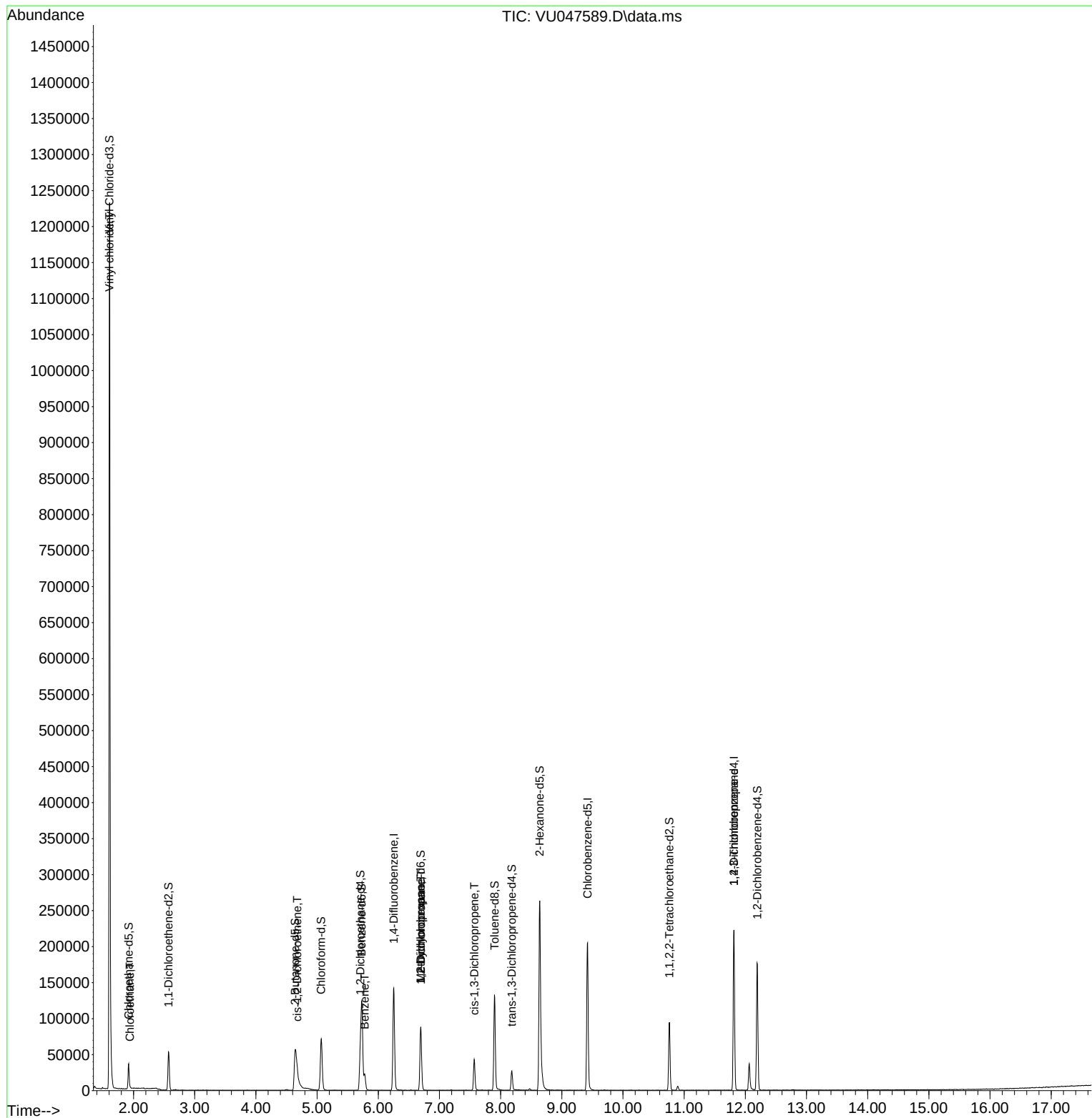
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114   | 121919   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.421  | 117   | 124595   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.813 | 152   | 61938    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 30430    | 3.817    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 76.400%  |
| 7) Chloroethane-d5            | 1.919  | 69    | 26516    | 3.664    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 73.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 65    | 9849     | 2.634    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 52.600%# |
| 20) 2-Butanone-d5             | 4.643  | 46    | 122878   | 53.560   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 107.120% |
| 24) Chloroform-d              | 5.067  | 84    | 66846    | 3.818    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 76.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.707  | 65    | 39424    | 4.156    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 83.200%  |
| 32) Benzene-d6                | 5.729  | 84    | 117011   | 3.226    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 64.600%# |
| 36) 1,2-Dichloropropane-d6    | 6.694  | 67    | 42785    | 3.751    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 75.000%  |
| 41) Toluene-d8                | 7.900  | 98    | 92666    | 2.725    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 54.400%# |
| 43) trans-1,3-Dichloroprop... | 8.183  | 79    | 15867    | 3.309    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 66.200%  |
| 46) 2-Hexanone-d5             | 8.639  | 63    | 103010   | 41.440   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 82.880%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84    | 46882    | 4.116    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 82.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152   | 49038    | 3.789    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 75.800%# |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 5) Vinyl chloride             | 1.607  | 62    | 852120   | 112.319  | ug/L   | 98       |
| 8) Chloroethane               | 1.942  | 64    | 780      | 0.170    | ug/L # | 43       |
| 22) cis-1,2-Dichloroethene    | 4.675  | 96    | 4018     | 0.555    | ug/L   | 88       |
| 33) Benzene                   | 5.778  | 78    | 21437    | 0.761    | ug/L   | 100      |
| 35) Methylcyclohexane         | 6.694  | 83    | 9885     | 0.921    | ug/L # | 20       |
| 37) 1,2-Dichloropropane       | 6.697  | 63    | 4421     | 0.613    | ug/L # | 87       |
| 39) cis-1,3-Dichloropropene   | 7.569  | 75    | 1097     | 0.098    | ug/L # | 80       |
| 61) 1,2,3-Trichloropropane    | 11.813 | 75    | 6484     | 1.248    | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

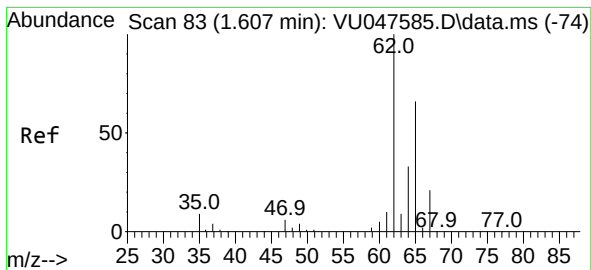
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 17 00:50:30 2022  
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 112.319 ug/L

RT: 1.607 min Scan# 81

Delta R.T. 0.000 min

Lab File: VU047589.D

Acq: 16 Mar 2022 14:44

Instrument :

MSVOA\_U

ClientSampleId :

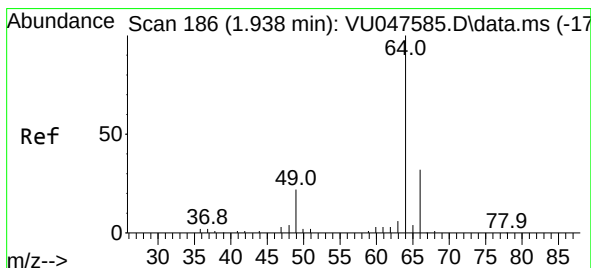
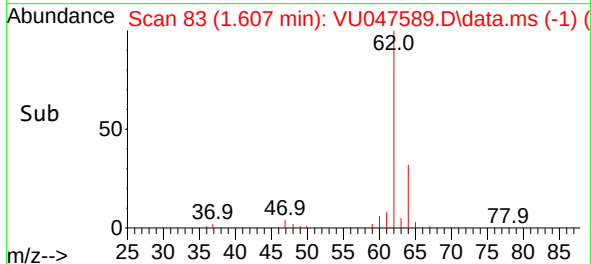
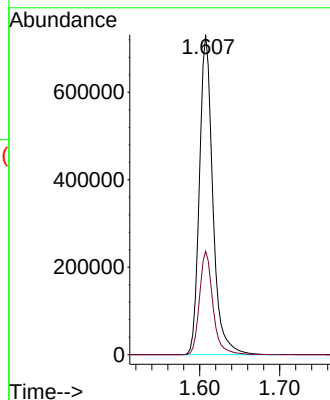
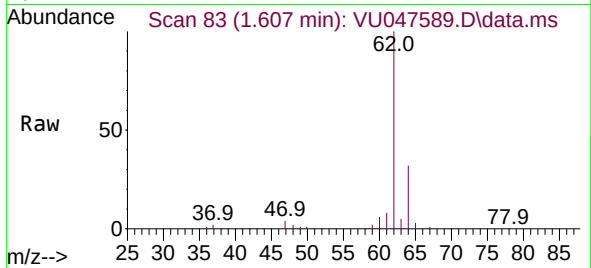
ETNK8RE

Tgt Ion: 62 Resp: 852120

Ion Ratio Lower Upper

62 100

64 32.3 23.5 43.7



#8

Chloroethane

Concen: 0.170 ug/L

RT: 1.942 min Scan# 187

Delta R.T. 0.004 min

Lab File: VU047589.D

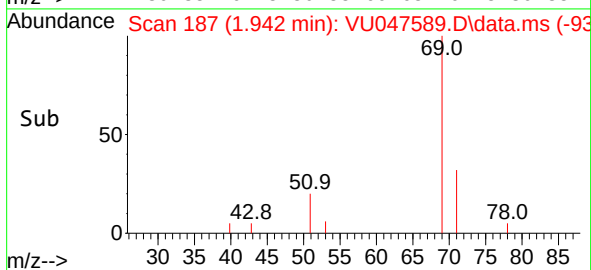
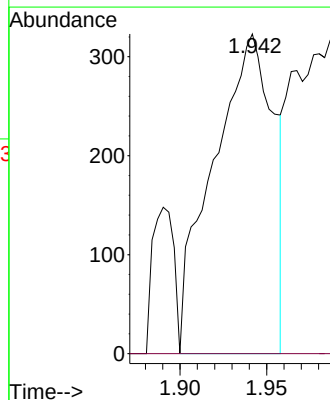
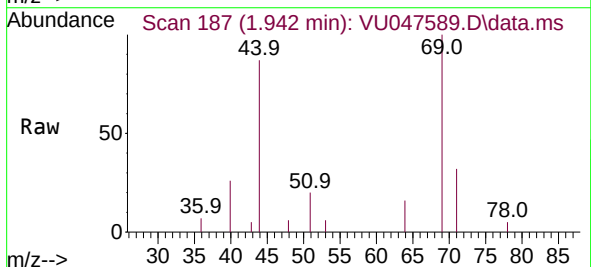
Acq: 16 Mar 2022 14:44

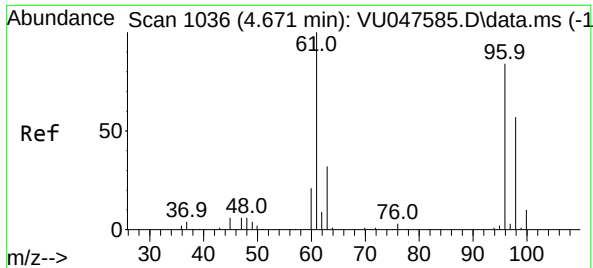
Tgt Ion: 64 Resp: 780

Ion Ratio Lower Upper

64 100

66 0.0 22.0 40.8#





#22

cis-1,2-Dichloroethene

Concen: 0.555 ug/L

RT: 4.675 min Scan# 1036

Delta R.T. 0.004 min

Lab File: VU047589.D

Acq: 16 Mar 2022 14:44

Instrument :

MSVOA\_U

ClientSampleId :

ETNK8RE

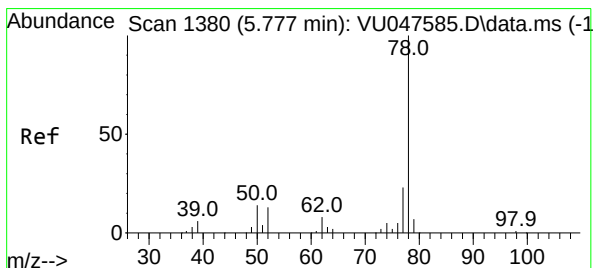
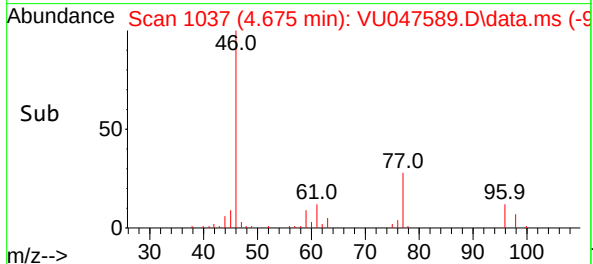
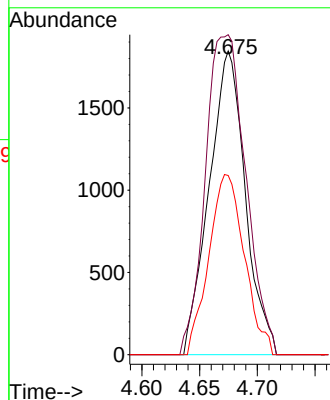
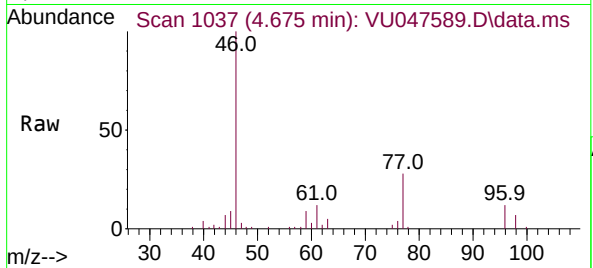
Tgt Ion: 96 Resp: 4018

Ion Ratio Lower Upper

96 100

61 105.4 83.9 155.7

98 59.0 46.4 86.2



#33

Benzene

Concen: 0.761 ug/L

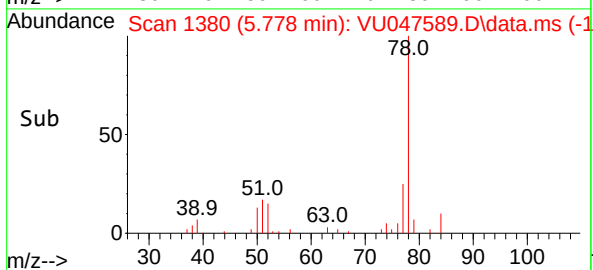
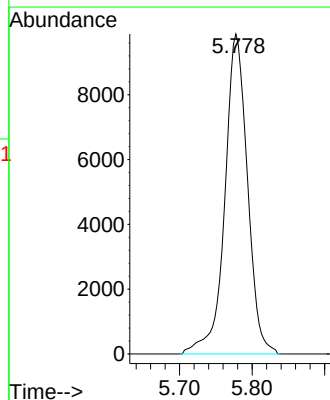
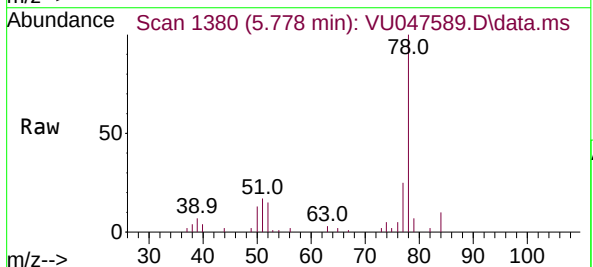
RT: 5.778 min Scan# 1380

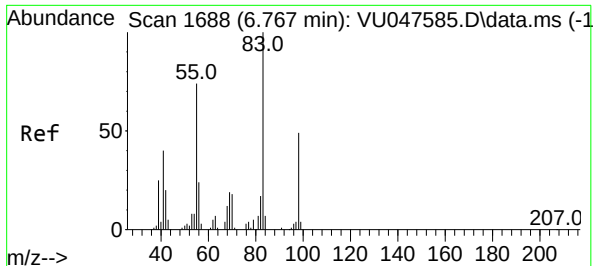
Delta R.T. 0.000 min

Lab File: VU047589.D

Acq: 16 Mar 2022 14:44

Tgt Ion: 78 Resp: 21437





#35

Methylcyclohexane

Concen: 0.921 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.073 min

Lab File: VU047589.D

Acq: 16 Mar 2022 14:44

Instrument :

MSVOA\_U

ClientSampleId :

ETNK8RE

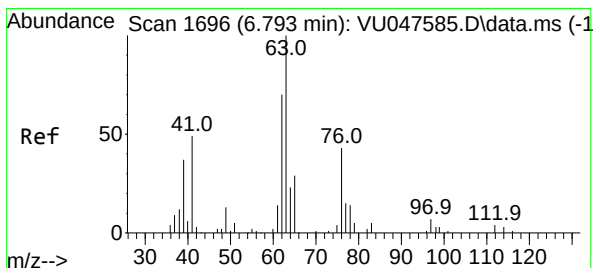
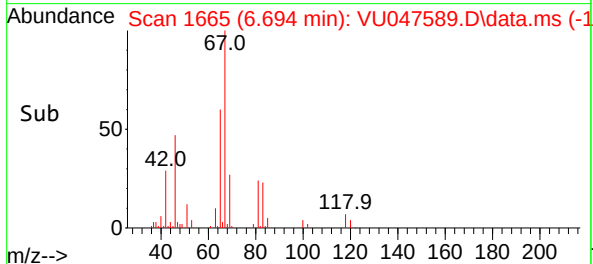
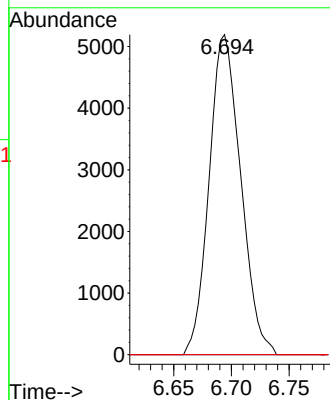
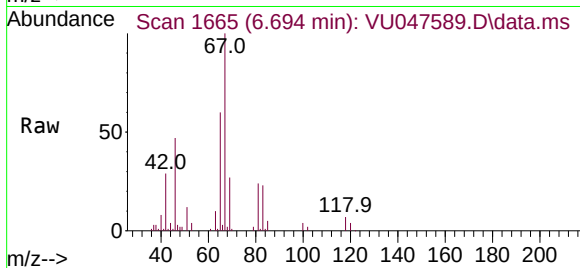
Tgt Ion: 83 Resp: 9885

Ion Ratio Lower Upper

83 100

55 0.0 57.3 85.9#

98 0.0 37.5 56.3#



#37

1,2-Dichloropropane

Concen: 0.613 ug/L

RT: 6.697 min Scan# 1666

Delta R.T. -0.096 min

Lab File: VU047589.D

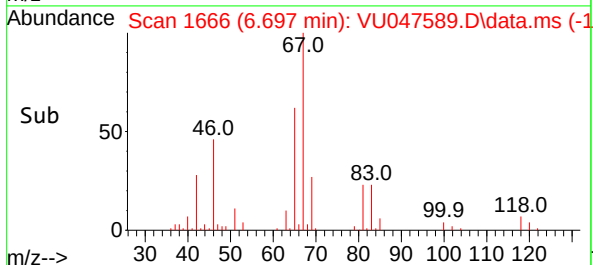
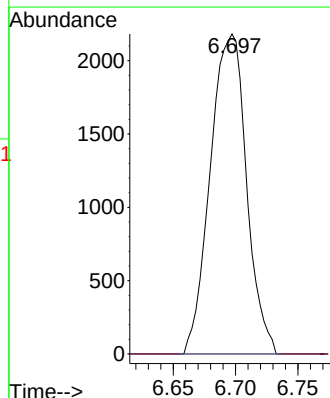
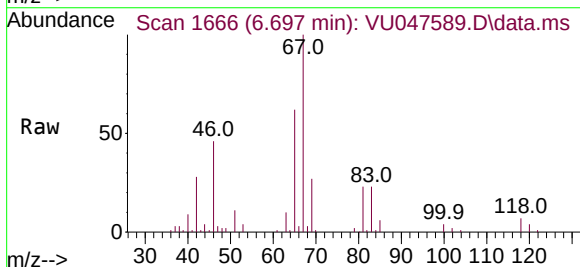
Acq: 16 Mar 2022 14:44

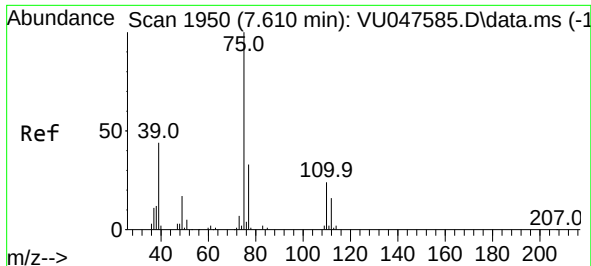
Tgt Ion: 63 Resp: 4421

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#





#39

cis-1,3-Dichloropropene

Concen: 0.098 ug/L

RT: 7.569 min Scan# 1950

Delta R.T. -0.041 min

Lab File: VU047589.D

Acq: 16 Mar 2022 14:44

Instrument :

MSVOA\_U

ClientSampleId :

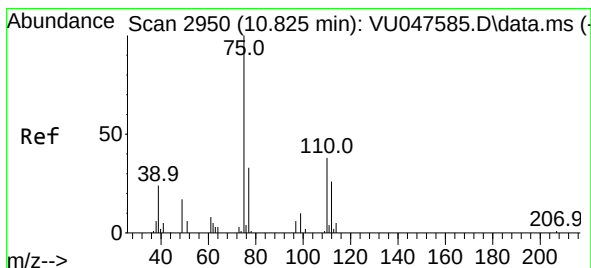
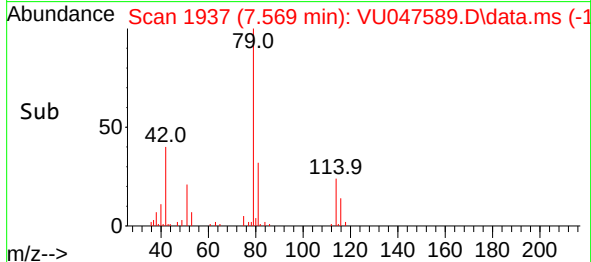
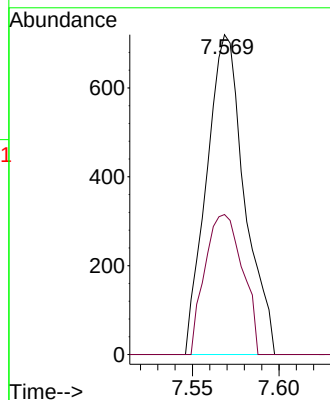
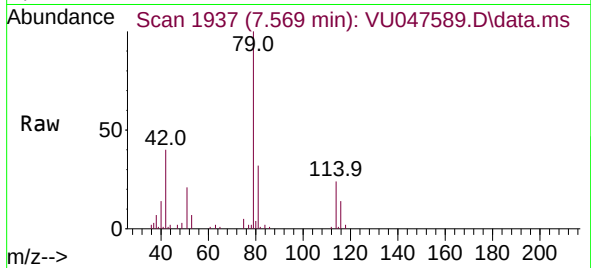
ETNK8RE

Tgt Ion: 75 Resp: 1097

Ion Ratio Lower Upper

75 100

77 43.8 22.6 42.0#



#61

1,2,3-Trichloropropane

Concen: 1.248 ug/L

RT: 11.813 min Scan# 3257

Delta R.T. 0.988 min

Lab File: VU047589.D

Acq: 16 Mar 2022 14:44

Tgt Ion: 75 Resp: 6484

Ion Ratio Lower Upper

75 100

110 1.2 30.2 45.4#

77 33.0 26.6 39.8

