

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU030422\  
 Data File : VU047354.D  
 Acq On : 05 Mar 2022 00:58  
 Operator : SY/MD  
 Sample : N1810-18  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GBDA5

Quant Time: Mar 05 01:27:43 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR030422WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Mar 04 23:20:39 2022  
 Response via : Initial Calibration

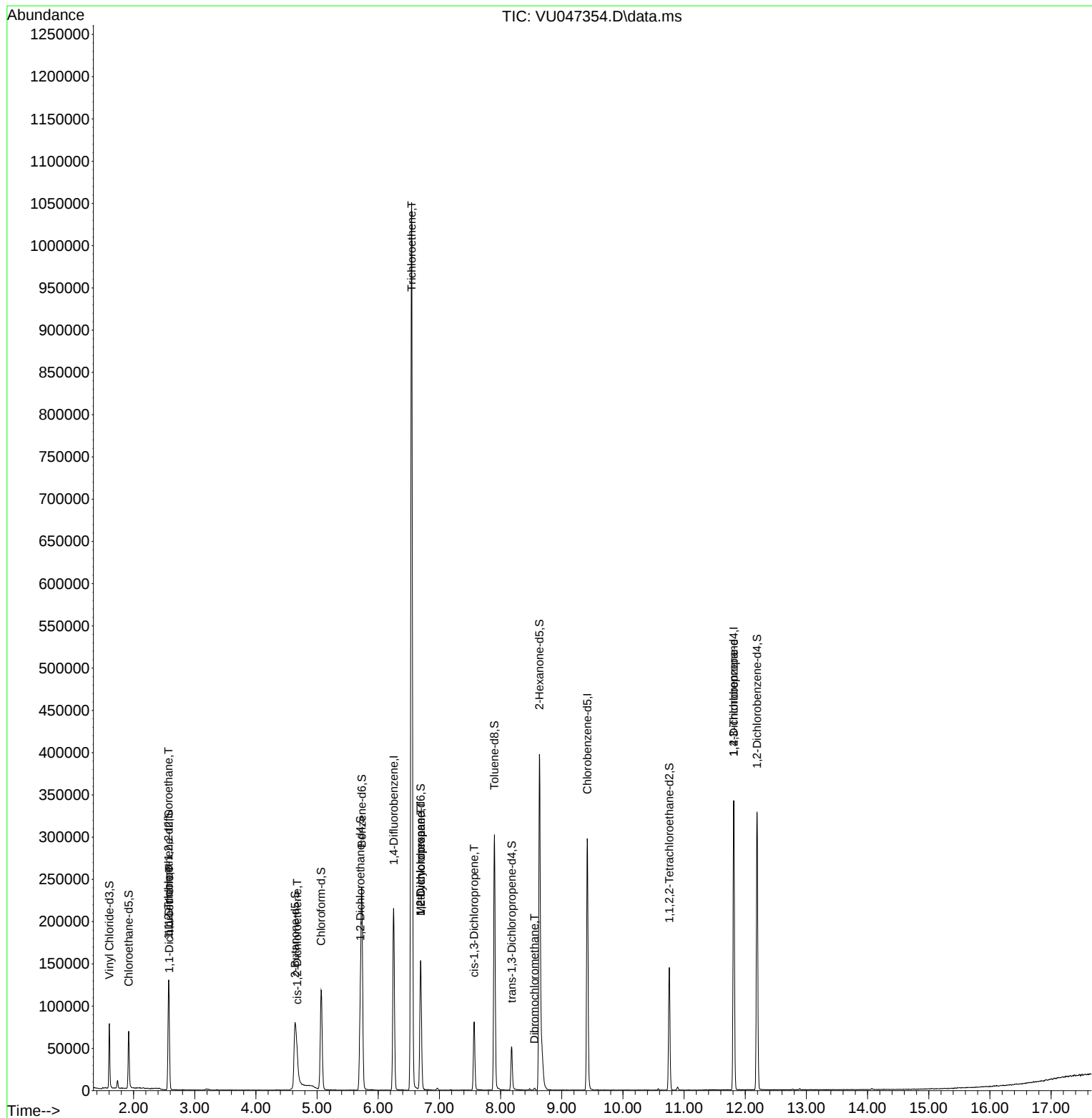
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.253  | 114   | 184545   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117   | 177882   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 96110    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 54519    | 4.162    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 83.200%  |
| 7) Chloroethane-d5            | 1.919  | 69    | 51021    | 4.669    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 93.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 65    | 23740    | 4.292    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 85.800%  |
| 20) 2-Butanone-d5             | 4.639  | 46    | 166244   | 38.661   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 77.320%  |
| 24) Chloroform-d              | 5.066  | 84    | 110595   | 4.570    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 91.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.706  | 65    | 65430    | 4.817    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 96.400%  |
| 32) Benzene-d6                | 5.732  | 84    | 227034   | 4.532    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.693  | 67    | 72811    | 4.666    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 93.400%  |
| 41) Toluene-d8                | 7.899  | 98    | 209115   | 4.421    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 88.400%  |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79    | 29739    | 4.337    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 86.800%  |
| 46) 2-Hexanone-d5             | 8.635  | 63    | 175980   | 45.096   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 90.200%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84    | 71559    | 4.502    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 90.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152   | 91273    | 4.846    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 97.000%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.571  | 101   | 625      | 0.070    | ug/L # | 21       |
| 12) 1,1-Dichloroethene        | 2.584  | 96    | 2090     | 0.231    | ug/L # | 1        |
| 22) cis-1,2-Dichloroethene    | 4.674  | 96    | 8420     | 0.787    | ug/L   | 91       |
| 34) Trichloroethene           | 6.546  | 95    | 353671   | 33.519   | ug/L   | 93       |
| 35) Methylcyclohexane         | 6.693  | 83    | 17406    | 1.076    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.693  | 63    | 7574     | 0.761    | ug/L # | 88       |
| 39) cis-1,3-Dichloropropene   | 7.568  | 75    | 1904     | 0.120    | ug/L # | 59       |
| 49) Dibromochloromethane      | 8.552  | 129   | 528      | 0.052    | ug/L # | 10       |
| 61) 1,2,3-Trichloropropane    | 11.812 | 75    | 10499    | 1.316    | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

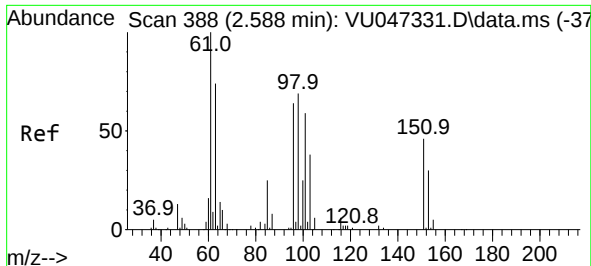
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU030422\  
Data File : VU047354.D  
Acq On : 05 Mar 2022 00:58  
Operator : SY/MD  
Sample : N1810-18  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
GBDA5

Quant Time: Mar 05 01:27:43 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR030422WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Fri Mar 04 23:20:39 2022  
Response via : Initial Calibration

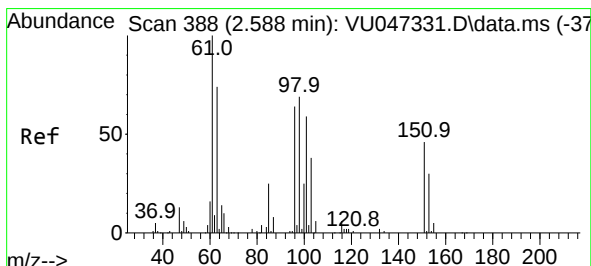
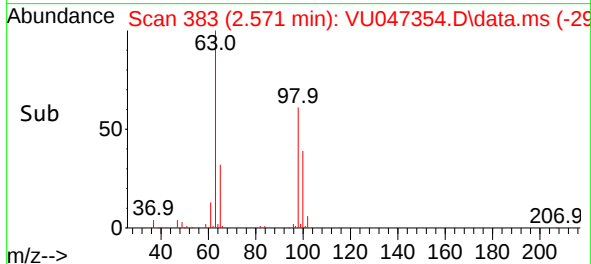
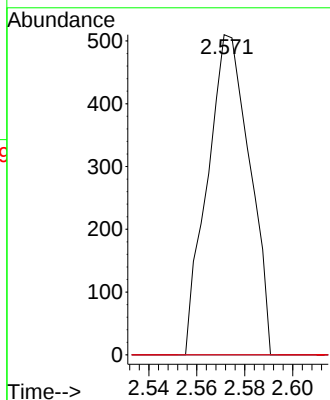
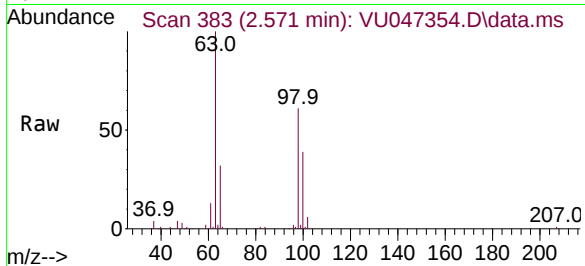




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.070 ug/L  
 RT: 2.571 min Scan# 31  
 Delta R.T. -0.016 min  
 Lab File: VU047354.D  
 Acq: 05 Mar 2022 00:58

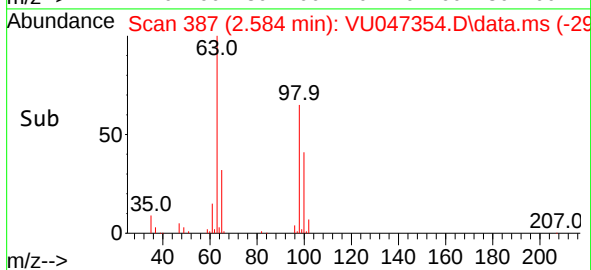
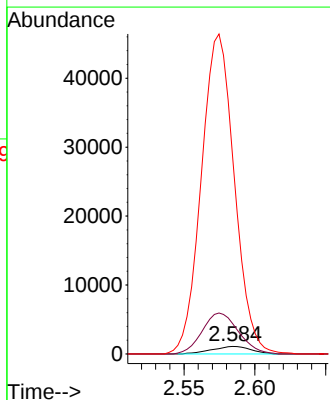
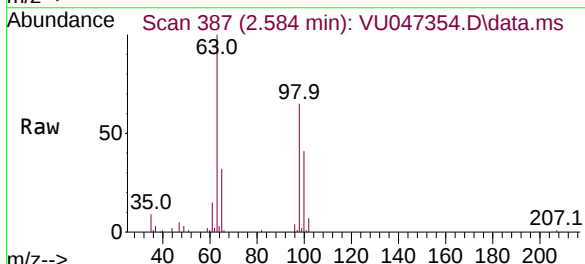
Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GBDA5

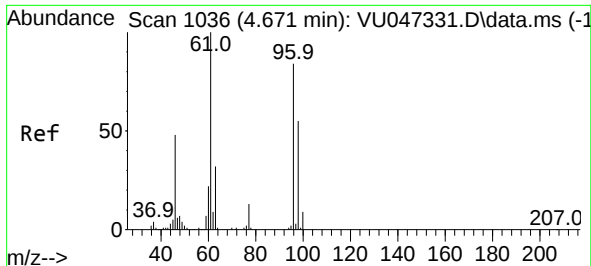
Tgt Ion:101 Resp: 625  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 34.6 51.8#  
 151 0.0 56.1 84.1#



#12  
 1,1-Dichloroethene  
 Concen: 0.231 ug/L  
 RT: 2.584 min Scan# 387  
 Delta R.T. -0.003 min  
 Lab File: VU047354.D  
 Acq: 05 Mar 2022 00:58

Tgt Ion: 96 Resp: 2090  
 Ion Ratio Lower Upper  
 96 100  
 61 402.6 124.7 231.5#  
 63 2609.3 105.2 195.4#





#22

cis-1,2-Dichloroethene

Concen: 0.787 ug/L

RT: 4.674 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU047354.D

Acq: 05 Mar 2022 00:58

Instrument :

MSVOA\_U

ClientSampleId :

GBDA5

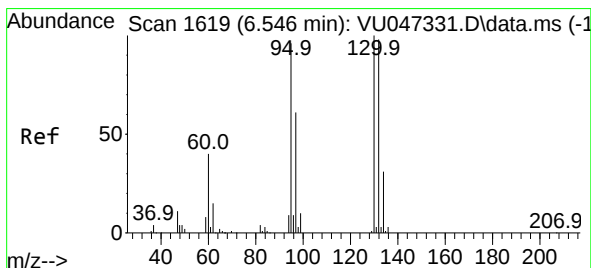
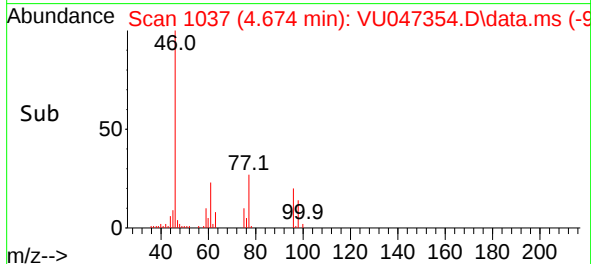
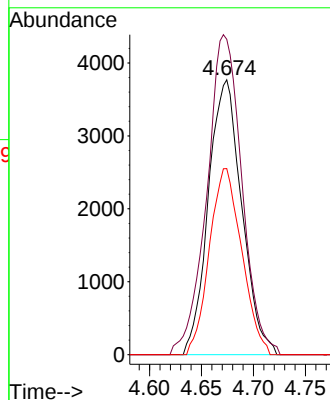
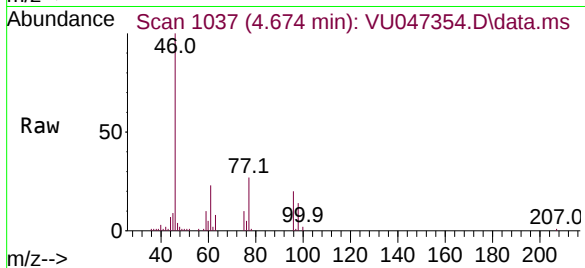
Tgt Ion: 96 Resp: 8420

Ion Ratio Lower Upper

96 100

61 114.7 88.5 164.3

98 67.7 44.4 82.5



#34

Trichloroethene

Concen: 33.519 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU047354.D

Acq: 05 Mar 2022 00:58

Tgt Ion: 95 Resp: 353671

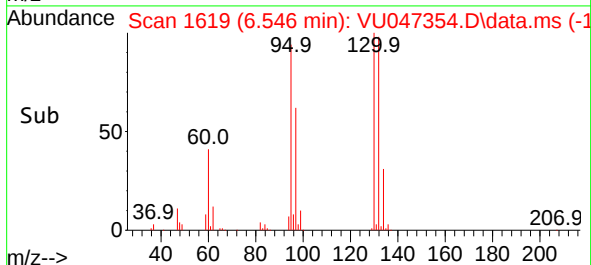
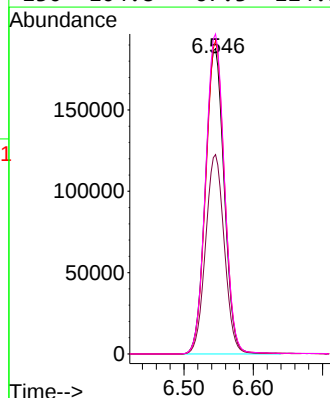
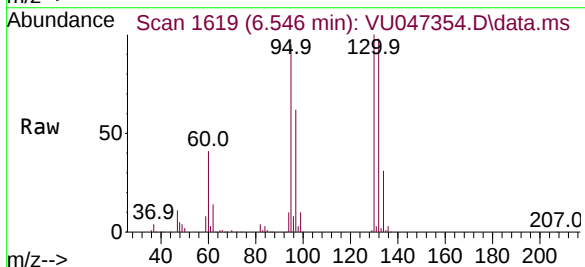
Ion Ratio Lower Upper

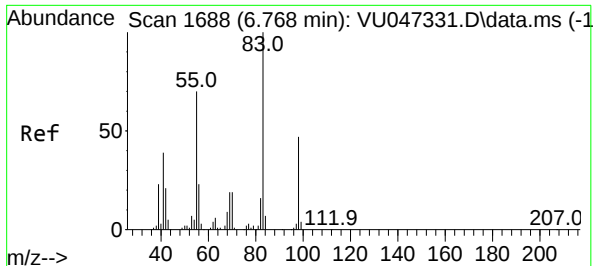
95 100

97 65.3 46.5 86.5

132 102.7 65.1 120.9

130 104.8 67.3 124.9

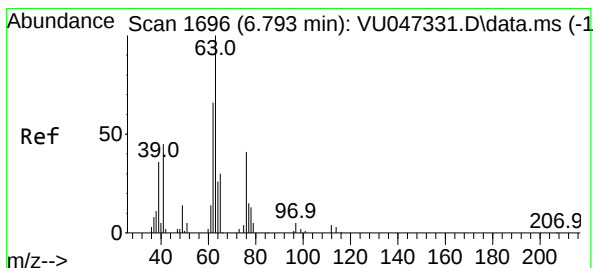
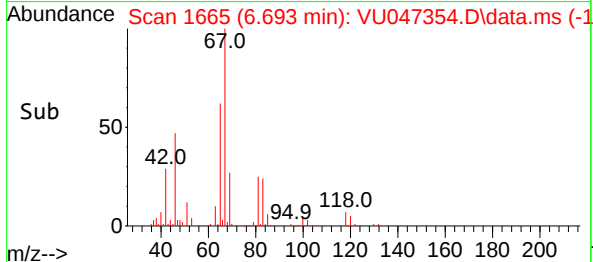
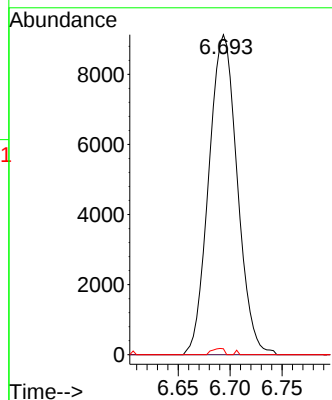
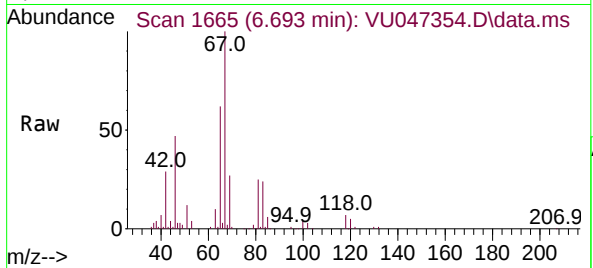




#35  
Methylcyclohexane  
Concen: 1.076 ug/L  
RT: 6.693 min Scan# 1665  
Delta R.T. -0.074 min  
Lab File: VU047354.D  
Acq: 05 Mar 2022 00:58

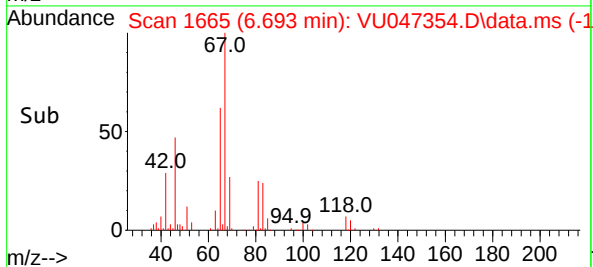
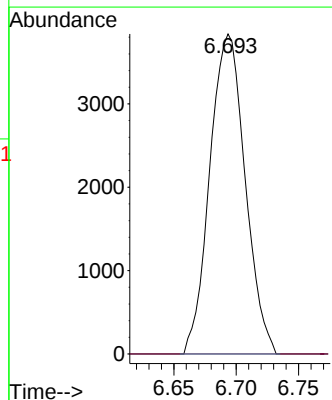
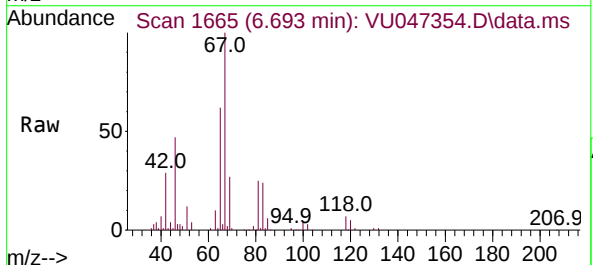
Instrument :  
MSVOA\_U  
ClientSampleId :  
GBDA5

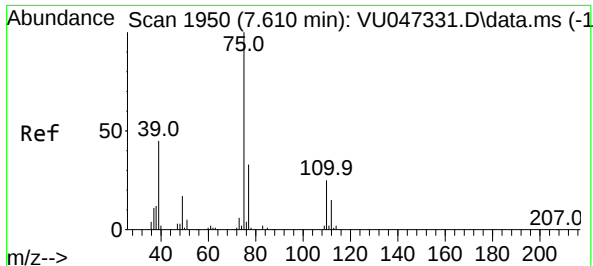
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 0.0   | 61.9  | 92.9# |
| 98      | 0.0   | 39.0  | 58.6# |



#37  
1,2-Dichloropropane  
Concen: 0.761 ug/L  
RT: 6.693 min Scan# 1665  
Delta R.T. -0.100 min  
Lab File: VU047354.D  
Acq: 05 Mar 2022 00:58

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 112     | 0.0   | 3.2   | 4.8#  |





#39

cis-1,3-Dichloropropene

Concen: 0.120 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047354.D

Acq: 05 Mar 2022 00:58

Instrument :

MSVOA\_U

ClientSampleId :

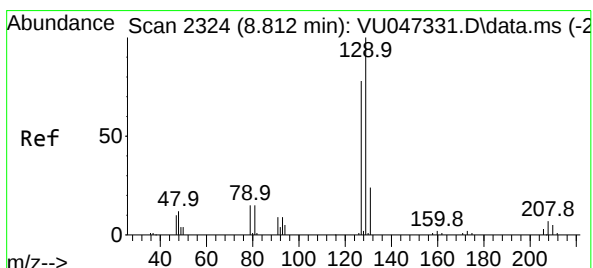
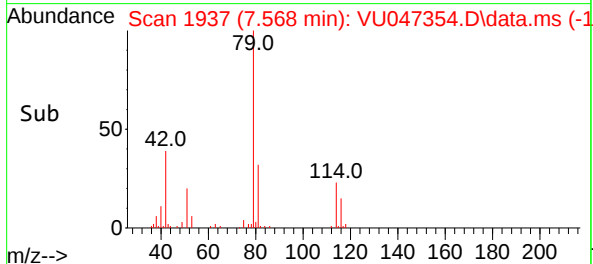
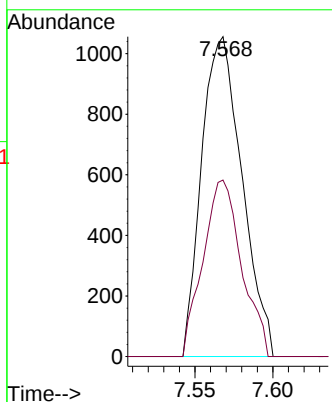
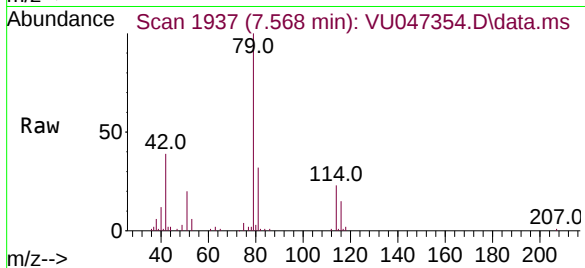
GBDA5

Tgt Ion: 75 Resp: 1904

Ion Ratio Lower Upper

75 100

77 55.2 22.5 41.9#



#49

Dibromochloromethane

Concen: 0.052 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.261 min

Lab File: VU047354.D

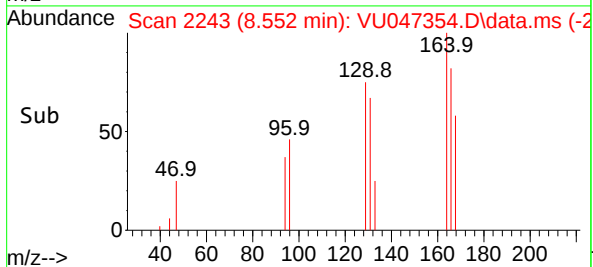
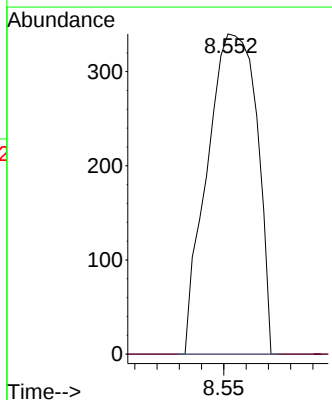
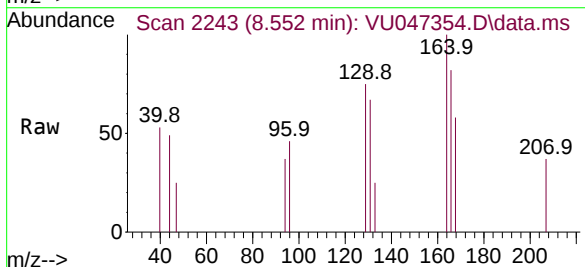
Acq: 05 Mar 2022 00:58

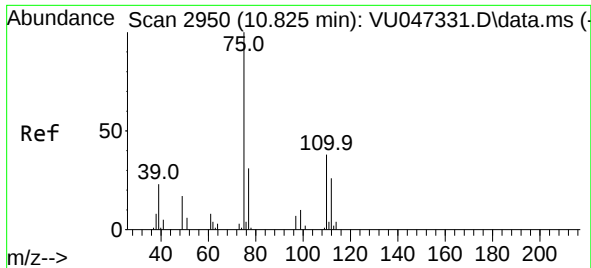
Tgt Ion: 129 Resp: 528

Ion Ratio Lower Upper

129 100

127 0.0 55.4 102.8#





#61

1,2,3-Trichloropropane

Concen: 1.316 ug/L

RT: 11.812 min Scan# 31

Delta R.T. 0.987 min

Lab File: VU047354.D

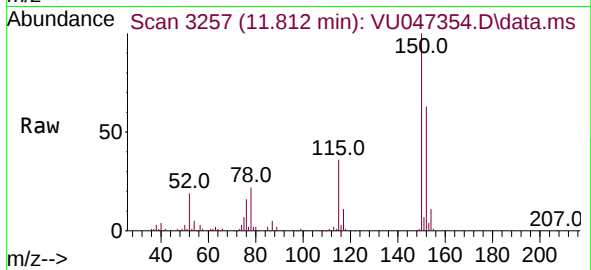
Acq: 05 Mar 2022 00:58

Instrument :

MSVOA\_U

ClientSampleId :

GBDA5



Tgt Ion: 75 Resp: 10499

Ion Ratio Lower Upper

75 100

110 2.0 29.9 44.9#

77 31.0 25.5 38.3

