

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU061122\  
 Data File : VU049070.D  
 Acq On : 11 Jun 2022 22:18  
 Operator : SY/MD  
 Sample : N3277-10 2000X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: Jun 13 01:51:21 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Jun 13 01:35:15 2022  
 Response via : Initial Calibration

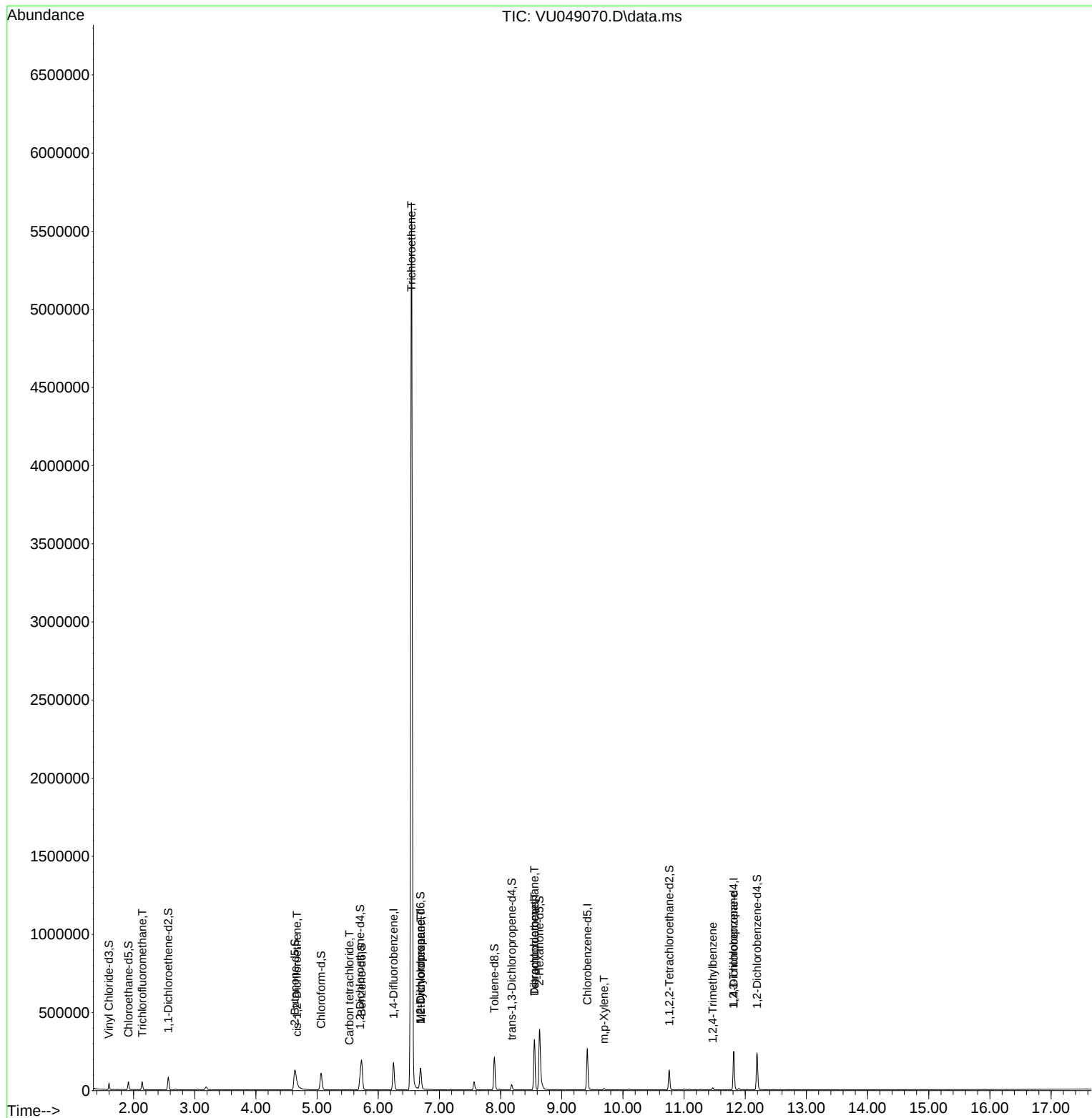
| Compound                      | R.T.   | QIon           | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|---------|----------|----------|
| -----                         |        |                |          |         |          |          |
| Internal Standards            |        |                |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114            | 138501   | 5.000   | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117            | 148814   | 5.000   | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152            | 66326    | 5.000   | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65             | 28621    | 4.672   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =       | 93.400%  |          |
| 7) Chloroethane-d5            | 1.916  | 69             | 34246    | 5.127   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =       | 102.600% |          |
| 11) 1,1-Dichloroethene-d2     | 2.568  | 65             | 15278    | 4.777   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =       | 95.600%  |          |
| 20) 2-Butanone-d5             | 4.636  | 46             | 181944   | 59.655  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =       | 119.300% |          |
| 24) Chloroform-d              | 5.067  | 84             | 100873   | 5.095   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =       | 102.000% |          |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65             | 60357    | 5.508   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =       | 110.200% |          |
| 32) Benzene-d6                | 5.729  | 84             | 175930   | 4.403   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =       | 88.000%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67             | 63540    | 4.666   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =       | 93.400%  |          |
| 41) Toluene-d8                | 7.899  | 98             | 141865   | 4.225   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =       | 84.400%  |          |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79             | 20666    | 4.517   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =       | 90.400%  |          |
| 46) 2-Hexanone-d5             | 8.636  | 63             | 132024   | 52.682  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =       | 105.360% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84             | 61247    | 5.114   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =       | 102.200% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152            | 65409    | 5.361   | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =       | 107.200% |          |
| Target Compounds              |        |                |          |         |          |          |
|                               |        |                |          |         | Qvalue   |          |
| 9) Trichlorofluoromethane     | 2.141  | 101            | 32478    | 1.953   | ug/L     | 98       |
| 22) cis-1,2-Dichloroethene    | 4.671  | 96             | 702      | 0.063   | ug/L #   | 20       |
| 31) Carbon tetrachloride      | 5.527  | 117            | 1273     | 0.075   | ug/L     | 92       |
| 34) Trichloroethene           | 6.543  | 95             | 1953804  | 169.613 | ug/L     | 97       |
| 35) Methylcyclohexane         | 6.694  | 83             | 16038    | 0.920   | ug/L #   | 19       |
| 37) 1,2-Dichloropropane       | 6.694  | 63             | 7191     | 0.616   | ug/L #   | 89       |
| 47) Tetrachloroethene         | 8.555  | 164            | 73019    | 7.975   | ug/L     | 98       |
| 49) Dibromochloromethane      | 8.552  | 129            | 67819    | 6.428   | ug/L #   | 11       |
| 53) m,p-Xylene                | 9.694  | 106            | 2530     | 0.133   | ug/L     | 83       |
| 61) 1,2,3-Trichloropropane    | 11.809 | 75             | 7024     | 0.988   | ug/L #   | 65       |
| 63) 1,2,4-Trimethylbenzene    | 11.468 | 105            | 7051     | 0.208   | ug/L     | 99       |
| -----                         |        |                |          |         |          |          |

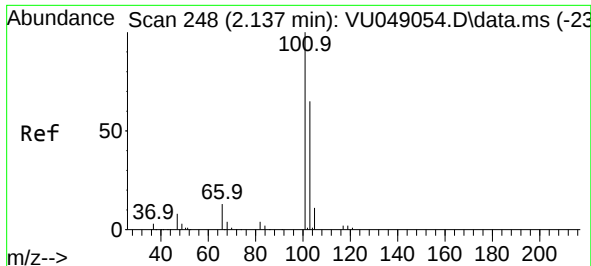
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 13 01:35:15 2022  
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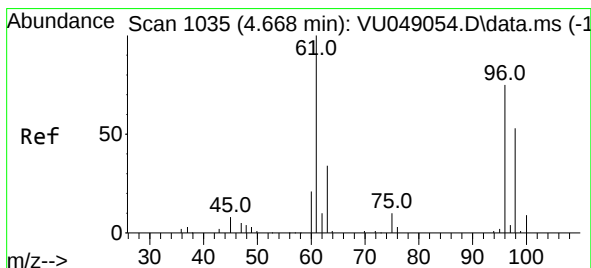
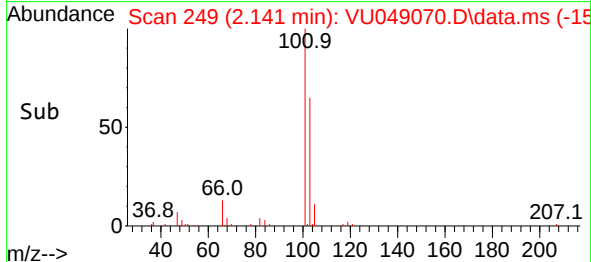
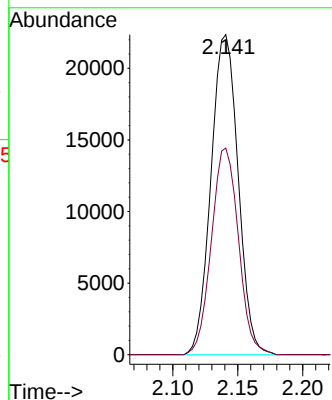
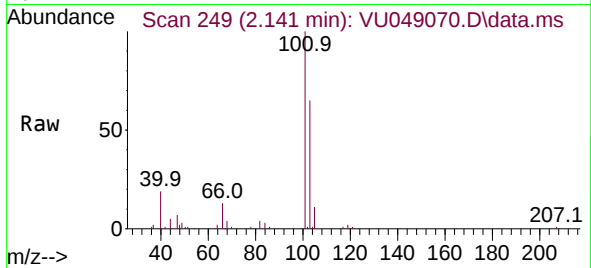




#9  
 Trichlorofluoromethane  
 Concen: 1.953 ug/L  
 RT: 2.141 min Scan# 24  
 Delta R.T. 0.003 min  
 Lab File: VU049070.D  
 Acq: 11 Jun 2022 22:18

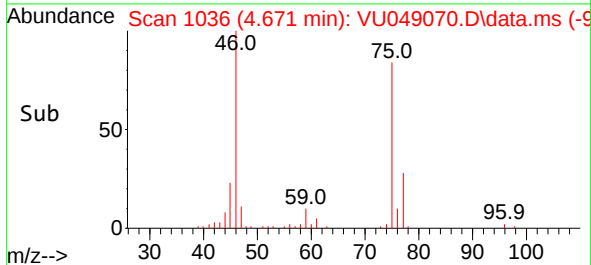
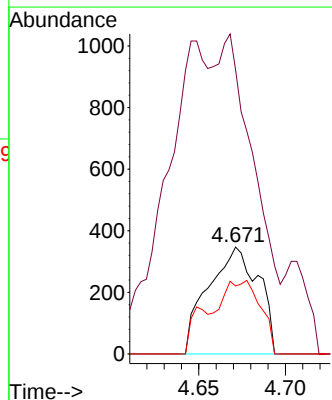
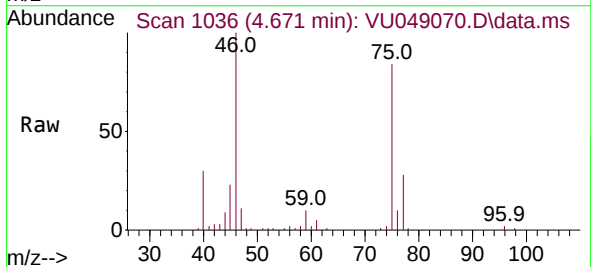
Instrument :  
 MSVOA\_U  
 ClientSampleId :

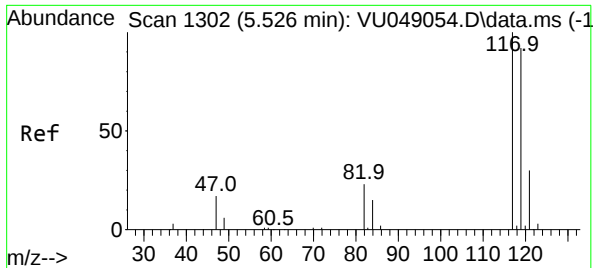
Tgt Ion:101 Resp: 32478  
 Ion Ratio Lower Upper  
 101 100  
 103 64.3 50.5 75.7



#22  
 cis-1,2-Dichloroethene  
 Concen: 0.063 ug/L  
 RT: 4.671 min Scan# 1036  
 Delta R.T. 0.003 min  
 Lab File: VU049070.D  
 Acq: 11 Jun 2022 22:18

Tgt Ion: 96 Resp: 702  
 Ion Ratio Lower Upper  
 96 100  
 61 266.0 91.1 169.1#  
 98 63.7 43.0 80.0

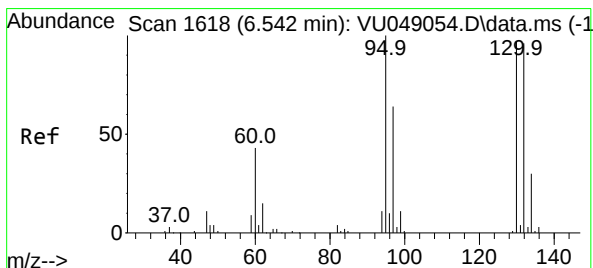
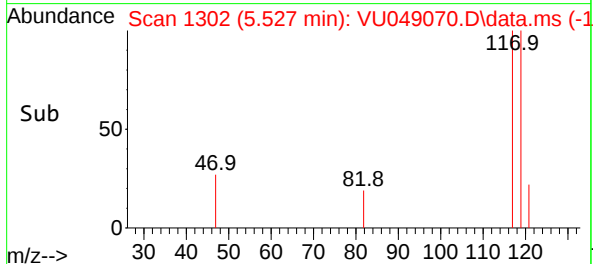
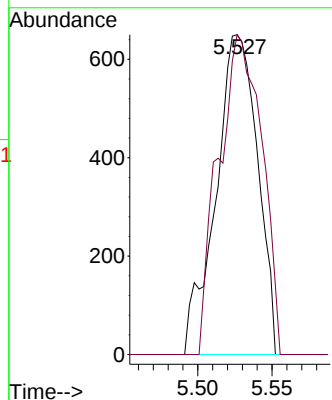
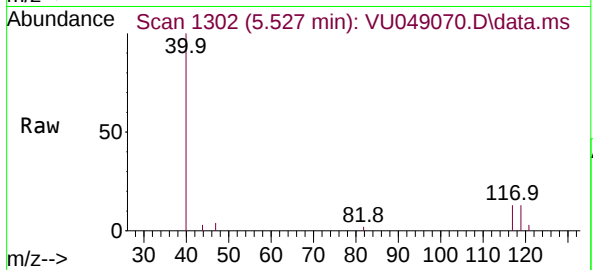




#31  
Carbon tetrachloride  
Concen: 0.075 ug/L  
RT: 5.527 min Scan# 117  
Delta R.T. 0.000 min  
Lab File: VU049070.D  
Acq: 11 Jun 2022 22:18

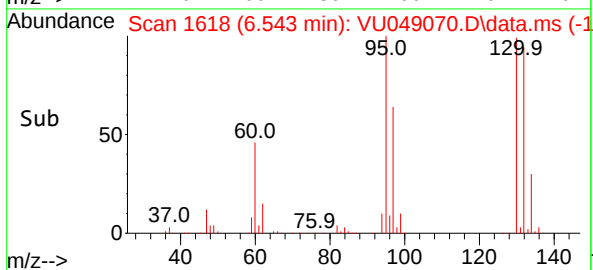
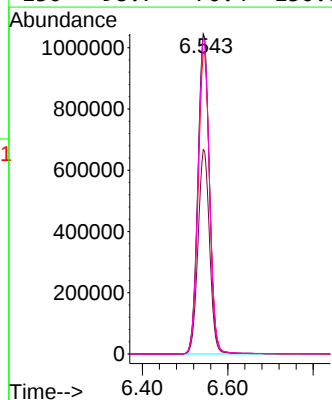
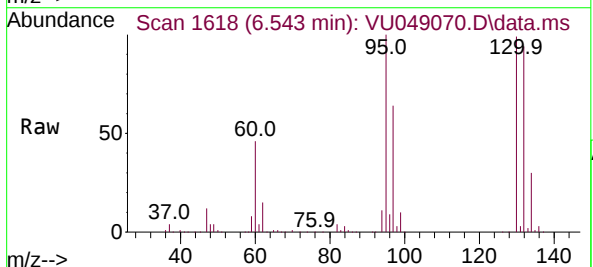
Instrument :  
MSVOA\_U  
ClientSampleId :

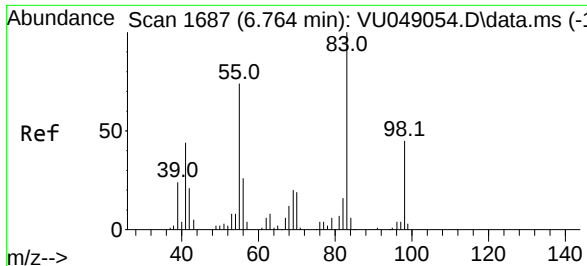
Tgt Ion:117 Resp: 1273  
Ion Ratio Lower Upper  
117 100  
119 103.6 76.5 114.7



#34  
Trichloroethene  
Concen: 169.613 ug/L  
RT: 6.543 min Scan# 1618  
Delta R.T. 0.000 min  
Lab File: VU049070.D  
Acq: 11 Jun 2022 22:18

Tgt Ion: 95 Resp: 1953804  
Ion Ratio Lower Upper  
95 100  
97 63.9 44.9 83.5  
132 94.1 62.8 116.6  
130 98.7 70.4 130.8

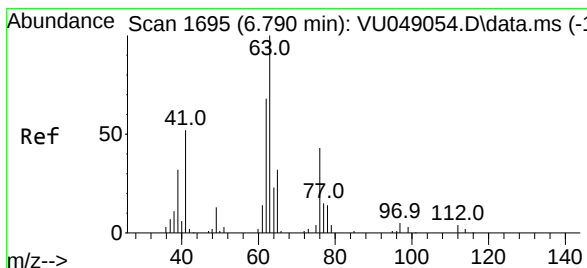
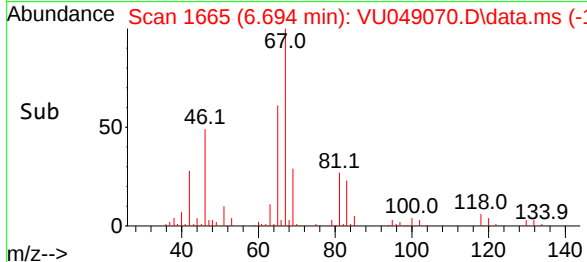
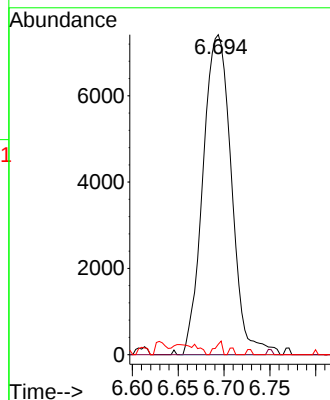
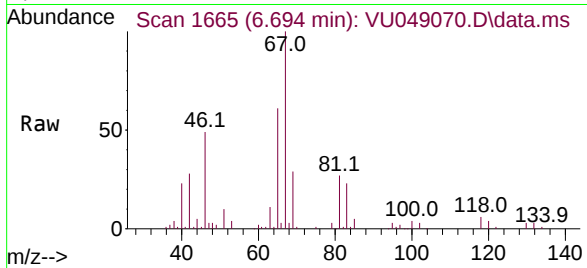




#35  
Methylcyclohexane  
Concen: 0.920 ug/L  
RT: 6.694 min Scan# 1665  
Delta R.T. -0.071 min  
Lab File: VU049070.D  
Acq: 11 Jun 2022 22:18

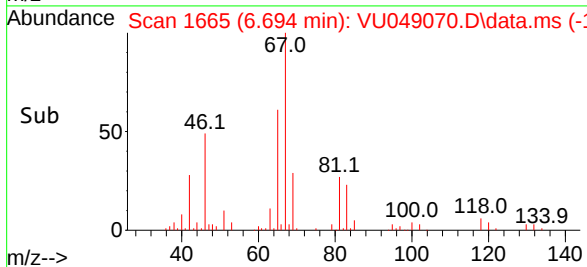
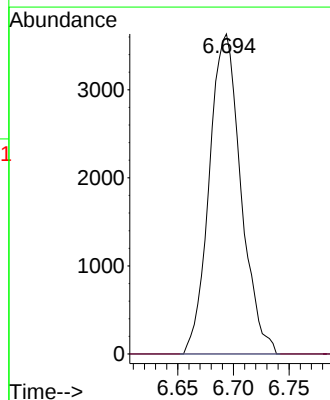
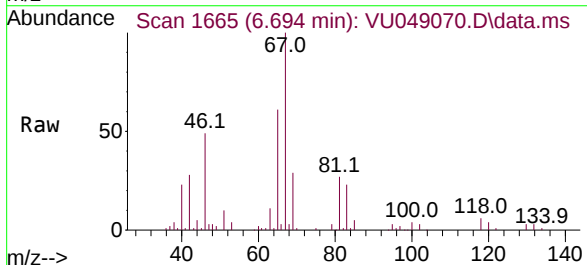
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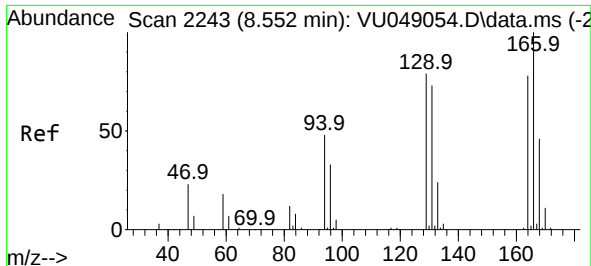
Tgt Ion: 83 Resp: 16038  
Ion Ratio Lower Upper  
83 100  
55 0.3 60.6 90.8#  
98 0.0 35.8 53.8#



#37  
1,2-Dichloropropane  
Concen: 0.616 ug/L  
RT: 6.694 min Scan# 1665  
Delta R.T. -0.096 min  
Lab File: VU049070.D  
Acq: 11 Jun 2022 22:18

Tgt Ion: 63 Resp: 7191  
Ion Ratio Lower Upper  
63 100  
112 0.0 2.8 4.2#





#47

Tetrachloroethene

Concen: 7.975 ug/L

RT: 8.555 min Scan# 2244

Delta R.T. 0.003 min

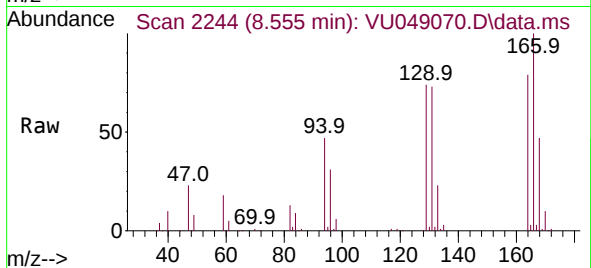
Lab File: VU049070.D

Acq: 11 Jun 2022 22:18

Instrument :

MSVOA\_U

ClientSampleId :



Tgt Ion:164 Resp: 73019

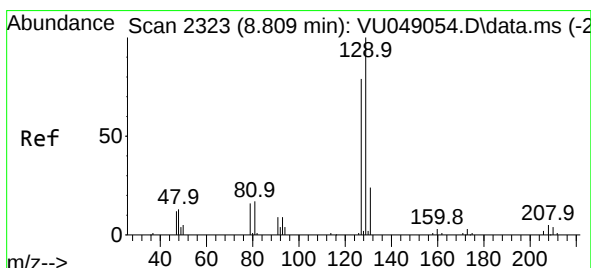
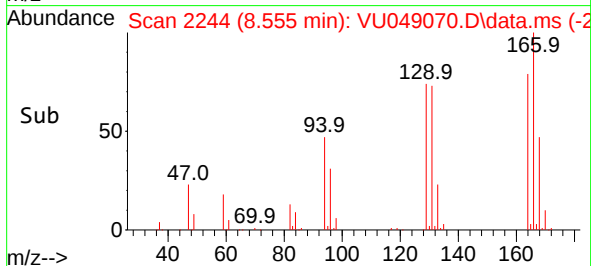
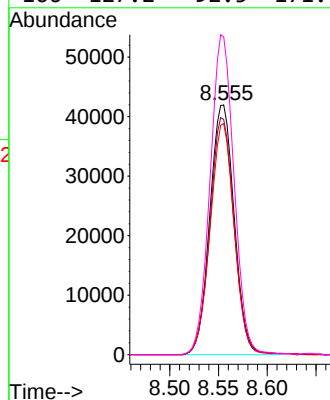
Ion Ratio Lower Upper

164 100

129 94.1 67.0 124.4

131 92.5 65.0 120.8

166 127.2 92.5 171.7



#49

Dibromochloromethane

Concen: 6.428 ug/L

RT: 8.552 min Scan# 2243

Delta R.T. -0.257 min

Lab File: VU049070.D

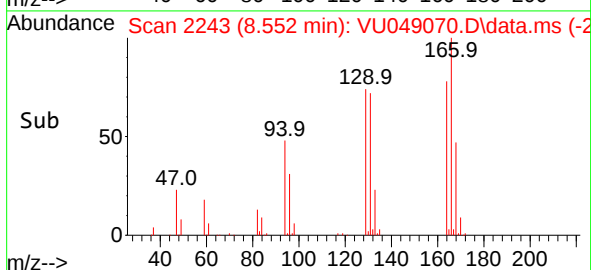
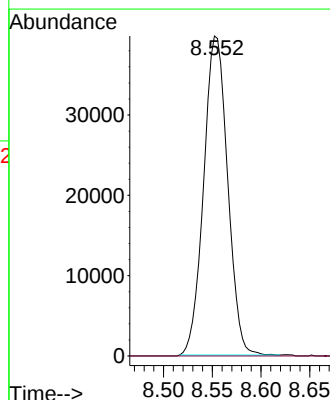
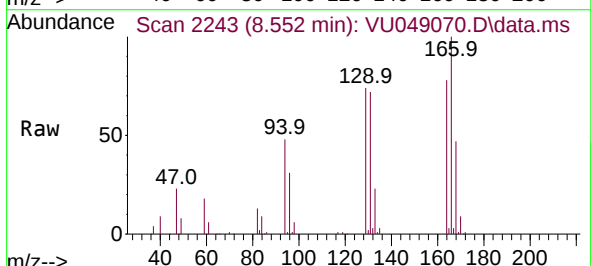
Acq: 11 Jun 2022 22:18

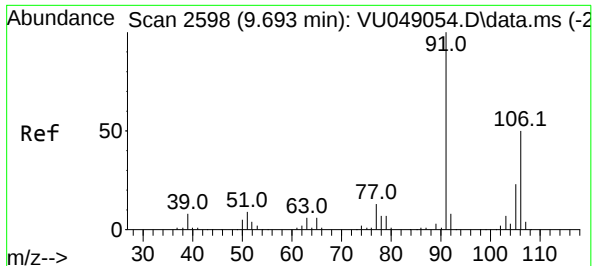
Tgt Ion:129 Resp: 67819

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#

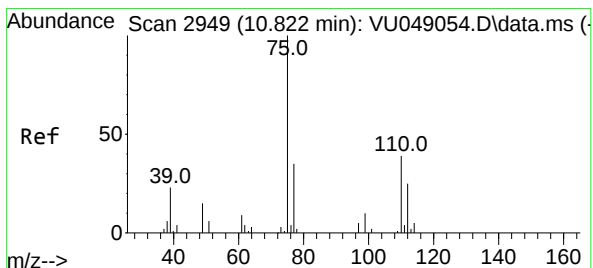
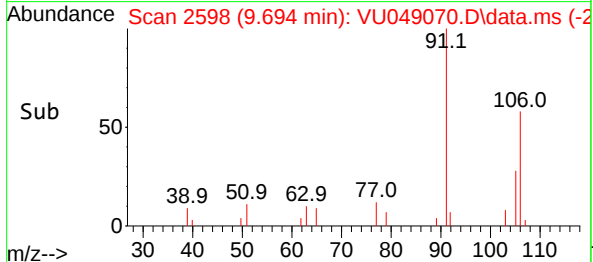
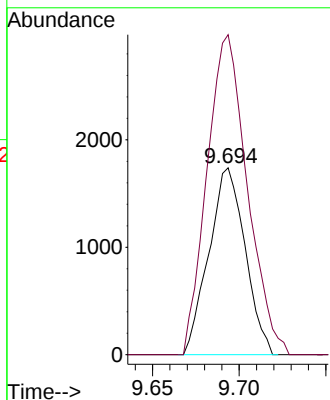
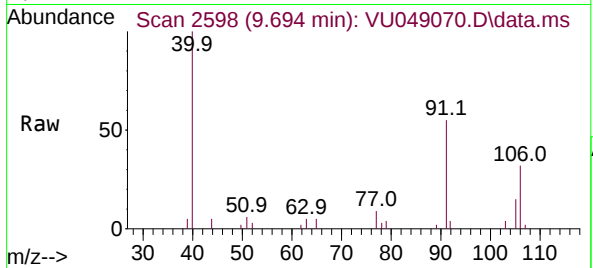




#53  
 m,p-Xylene  
 Concen: 0.133 ug/L  
 RT: 9.694 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VU049070.D  
 Acq: 11 Jun 2022 22:18

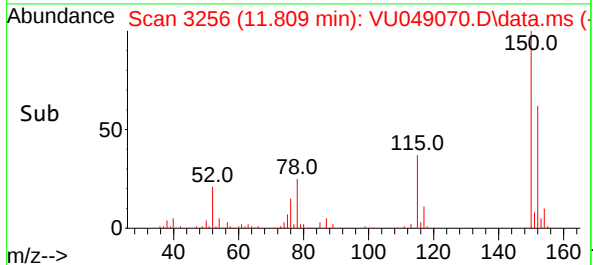
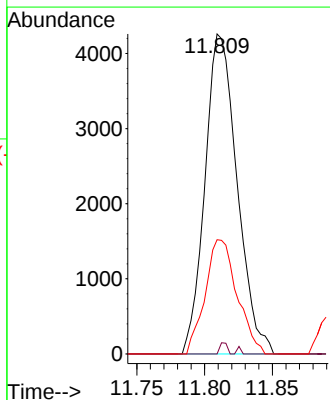
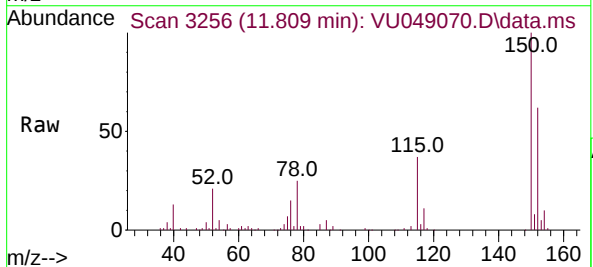
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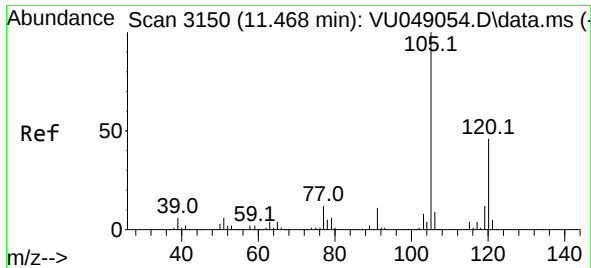
Tgt Ion:106 Resp: 2530  
 Ion Ratio Lower Upper  
 106 100  
 91 171.2 137.4 255.2



#61  
 1,2,3-Trichloropropane  
 Concen: 0.988 ug/L  
 RT: 11.809 min Scan# 3256  
 Delta R.T. 0.987 min  
 Lab File: VU049070.D  
 Acq: 11 Jun 2022 22:18

Tgt Ion: 75 Resp: 7024  
 Ion Ratio Lower Upper  
 75 100  
 110 0.8 28.6 43.0#  
 77 35.4 25.4 38.0





#63

1,2,4-Trimethylbenzene

Concen: 0.208 ug/L

RT: 11.468 min Scan# 31

Delta R.T. 0.000 min

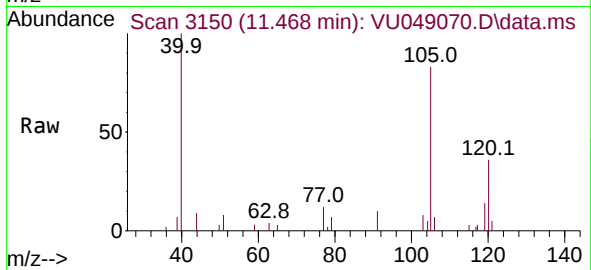
Lab File: VU049070.D

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Instrument :

MSVOA\_U

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Tgt Ion:105 Resp: 7051

Ion Ratio Lower Upper

105 100

120 46.8 36.7 55.1

