

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU102722\  
 Data File : VU051553.D  
 Acq On : 27 Oct 2022 20:55  
 Operator : JC/MD  
 Sample : N5300-04  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BHA92

Quant Time: Oct 28 00:12:35 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR100722WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Oct 28 00:08:00 2022  
 Response via : Initial Calibration

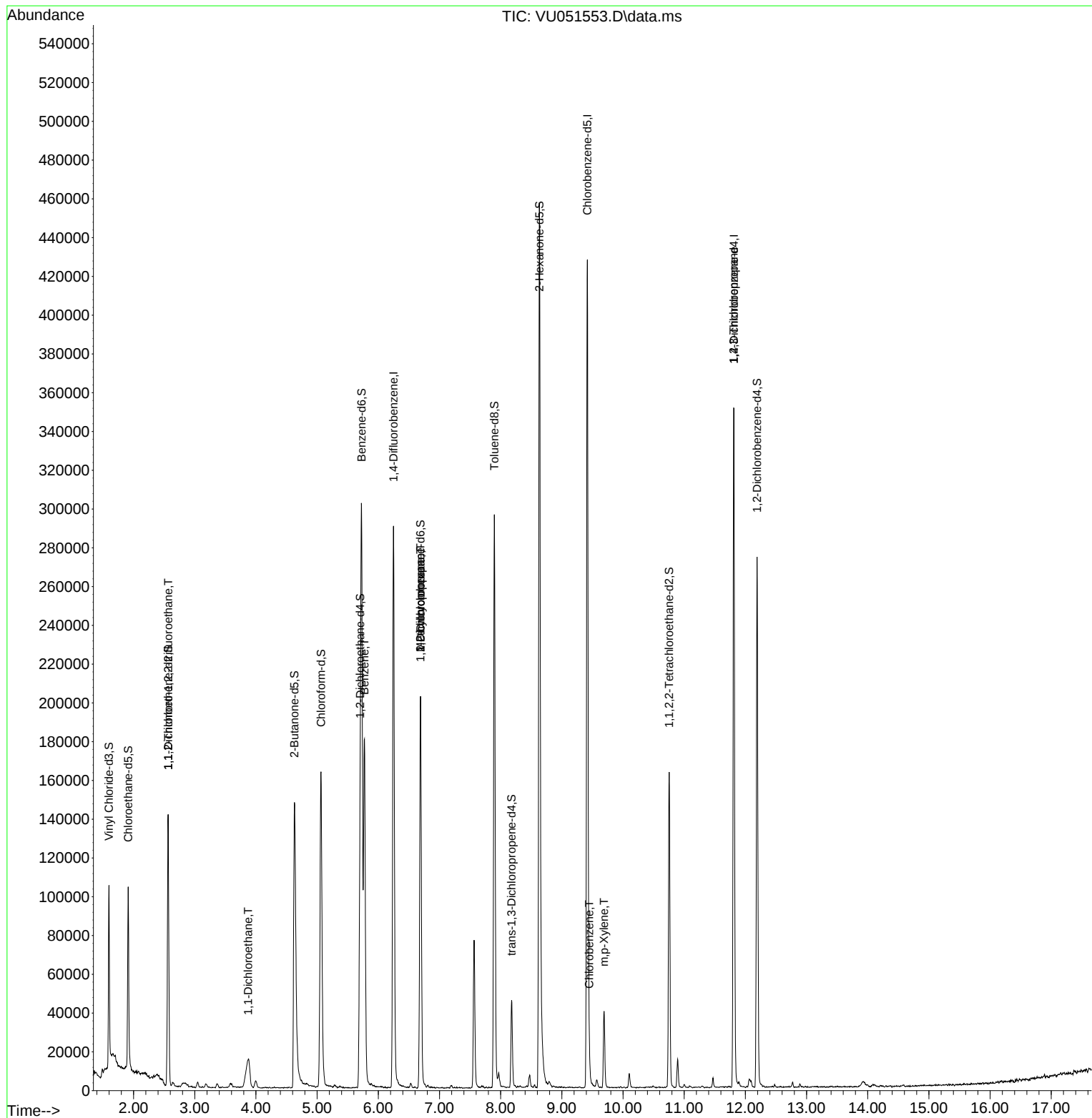
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114   | 244450   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117   | 247758   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152   | 97743    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65    | 71412    | 3.622    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 72.400%  |
| 7) Chloroethane-d5            | 1.912  | 69    | 70887    | 4.184    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 83.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65    | 26704    | 3.426    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 68.600%  |
| 20) 2-Butanone-d5             | 4.629  | 46    | 217461   | 50.091   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 100.180% |
| 24) Chloroform-d              | 5.063  | 84    | 152114   | 4.138    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 82.800%  |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65    | 79523    | 4.195    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 83.800%  |
| 32) Benzene-d6                | 5.726  | 84    | 289218   | 4.243    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 84.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67    | 100765   | 4.353    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 87.000%  |
| 41) Toluene-d8                | 7.896  | 98    | 208752   | 3.423    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 68.400%# |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79    | 27062    | 3.559    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 71.200%  |
| 46) 2-Hexanone-d5             | 8.632  | 63    | 155722   | 60.756   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 121.520% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754 | 84    | 85351    | 4.616    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 92.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152   | 76654    | 4.512    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 90.200%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.565  | 101   | 790      | 0.042    | ug/L # | 21       |
| 19) 1,1-Dichloroethane        | 3.874  | 63    | 3571     | 0.092    | ug/L   | 89       |
| 33) Benzene                   | 5.774  | 78    | 180247   | 2.179    | ug/L   | 100      |
| 35) Methylcyclohexane         | 6.690  | 83    | 22647    | 0.870    | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.687  | 63    | 9755     | 0.430    | ug/L # | 88       |
| 51) Chlorobenzene             | 9.449  | 112   | 7675     | 0.146    | ug/L   | 98       |
| 53) m,p-Xylene                | 9.690  | 106   | 11647    | 0.381    | ug/L   | 90       |
| 61) 1,2,3-Trichloropropane    | 11.809 | 75    | 11917    | 0.966    | ug/L # | 67       |
| -----                         |        |       |          |          |        |          |

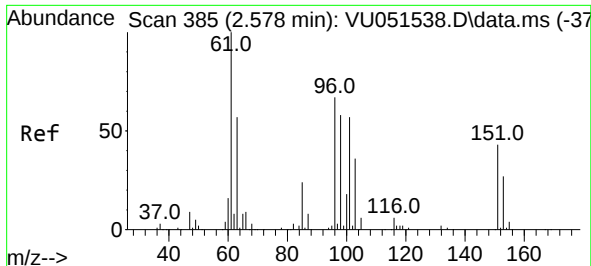
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 28 00:08:00 2022  
Response via : Initial Calibration

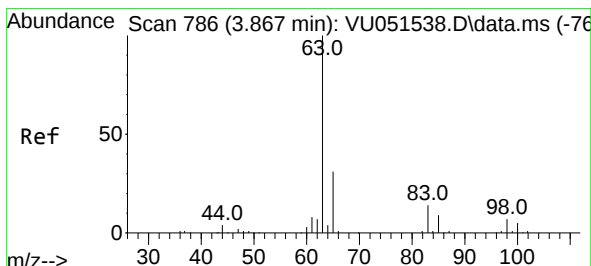
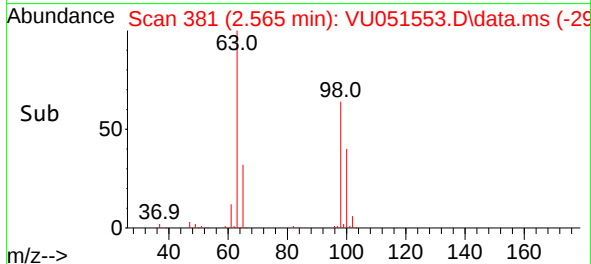
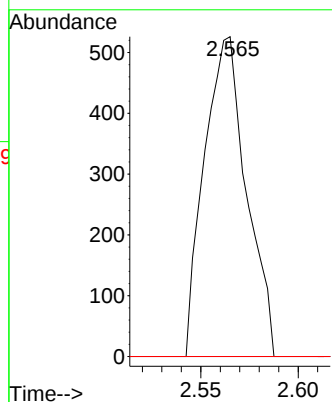
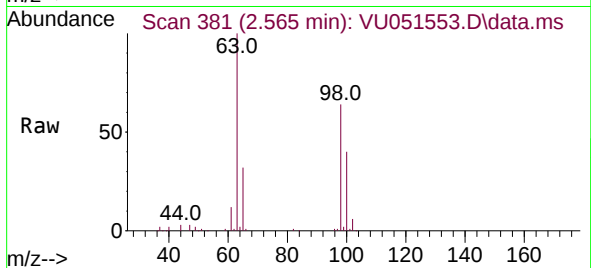




#10  
 1,1,2-Trichloro-1,2,2-trifluoroethane  
 Concen: 0.042 ug/L  
 RT: 2.565 min Scan# 381  
 Delta R.T. -0.013 min  
 Lab File: VU051553.D  
 Acq: 27 Oct 2022 20:55

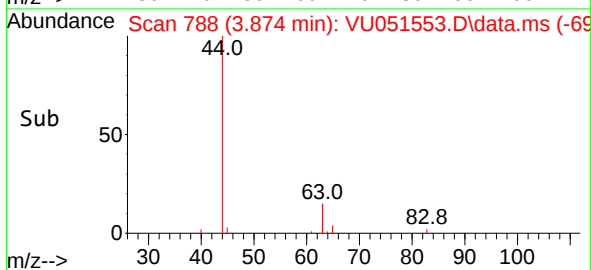
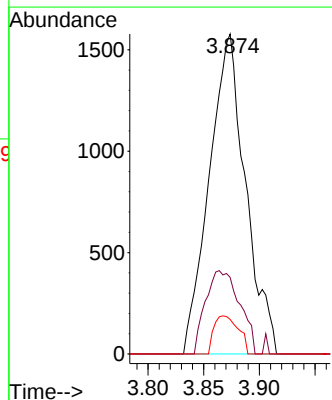
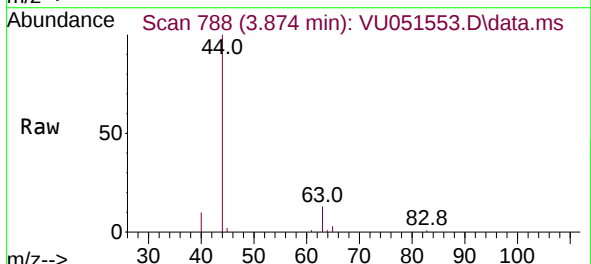
Instrument :  
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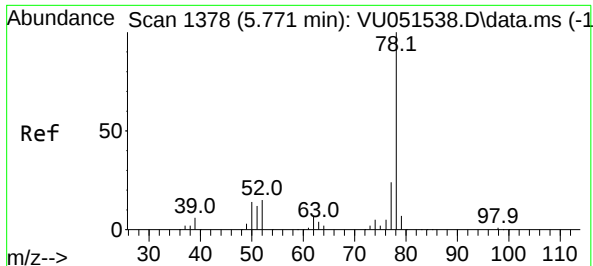
Tgt Ion:101 Resp: 790  
 Ion Ratio Lower Upper  
 101 100  
 85 0.0 34.6 51.8#  
 151 0.0 56.5 84.7#



#19  
 1,1-Dichloroethane  
 Concen: 0.092 ug/L  
 RT: 3.874 min Scan# 788  
 Delta R.T. 0.006 min  
 Lab File: VU051553.D  
 Acq: 27 Oct 2022 20:55

Tgt Ion: 63 Resp: 3571  
 Ion Ratio Lower Upper  
 63 100  
 65 24.0 22.0 41.0  
 83 10.8 9.0 16.6

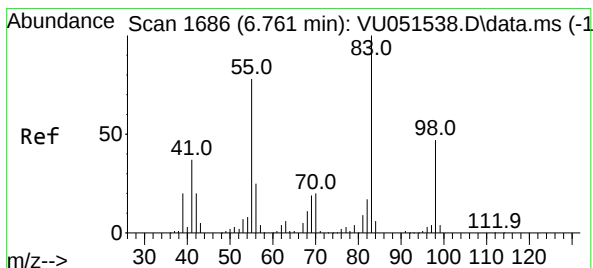
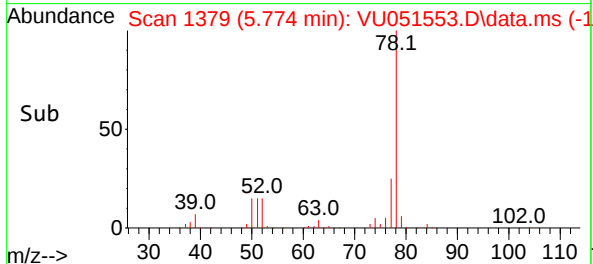
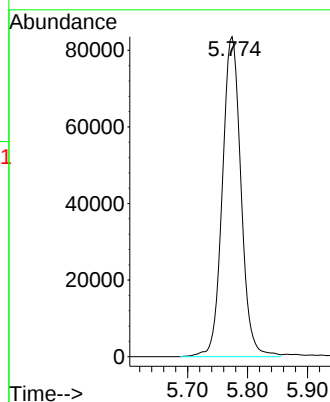
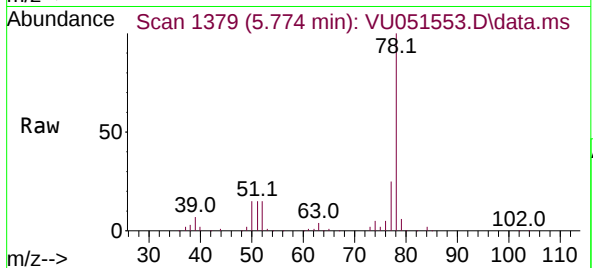




#33  
Benzene  
Concen: 2.179 ug/L  
RT: 5.774 min Scan# 11  
Delta R.T. 0.003 min  
Lab File: VU051553.D  
Acq: 27 Oct 2022 20:55

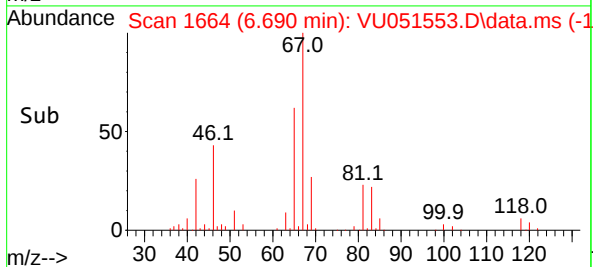
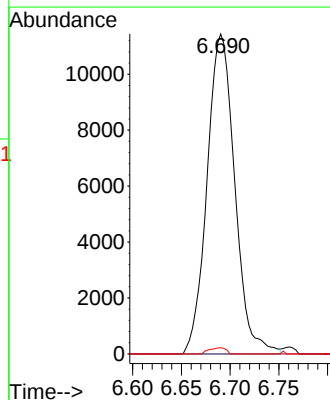
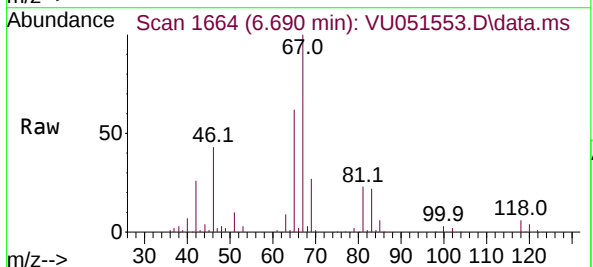
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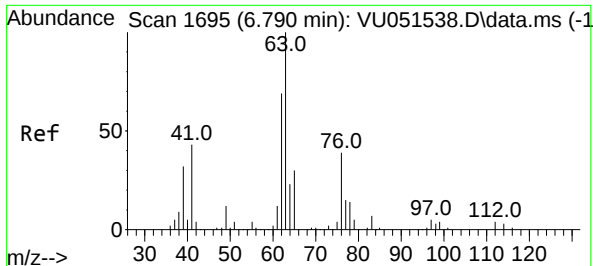
Tgt Ion: 78 Resp: 180247



#35  
Methylcyclohexane  
Concen: 0.870 ug/L  
RT: 6.690 min Scan# 1664  
Delta R.T. -0.071 min  
Lab File: VU051553.D  
Acq: 27 Oct 2022 20:55

Tgt Ion: 83 Resp: 22647  
Ion Ratio Lower Upper  
83 100  
55 0.0 65.8 98.6#  
98 1.2 35.9 53.9#





#37

1,2-Dichloropropane

Concen: 0.430 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU051553.D

Acq: 27 Oct 2022 20:55

Instrument :

MSVOA\_U

ClientSampleId :

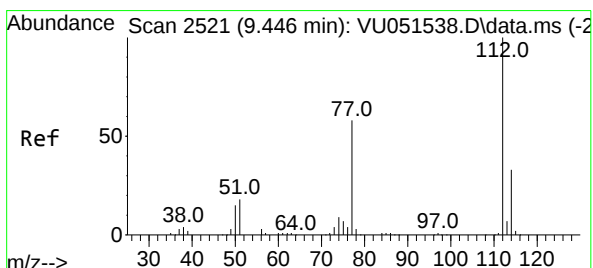
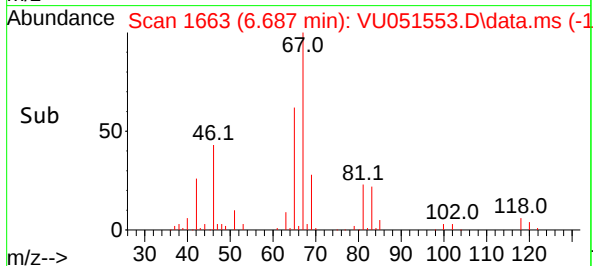
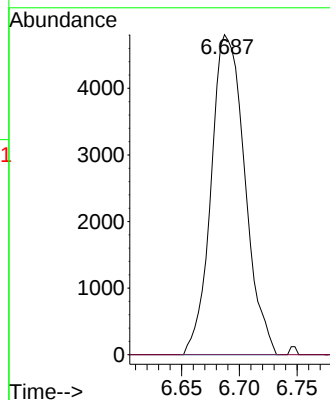
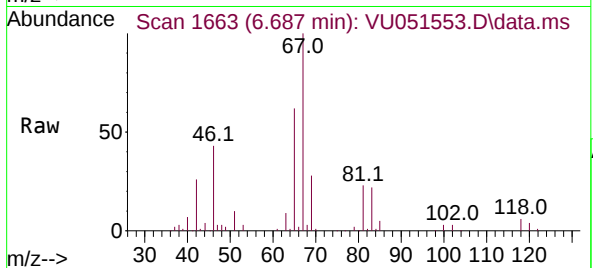
BHA92

Tgt Ion: 63 Resp: 9755

Ion Ratio Lower Upper

63 100

112 0.0 3.2 4.8#



#51

Chlorobenzene

Concen: 0.146 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU051553.D

Acq: 27 Oct 2022 20:55

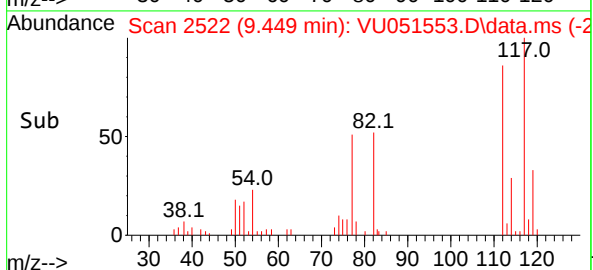
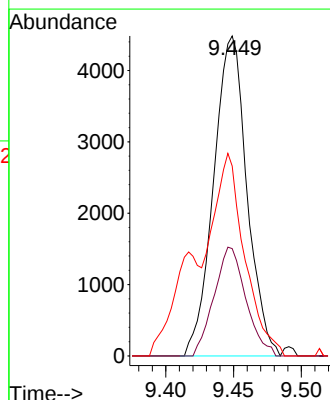
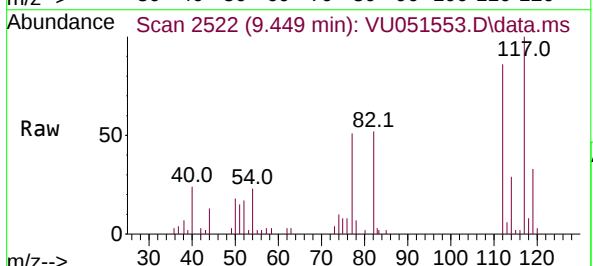
Tgt Ion: 112 Resp: 7675

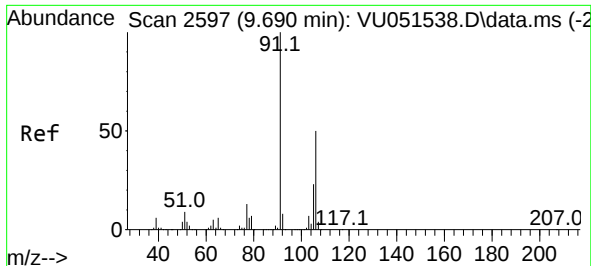
Ion Ratio Lower Upper

112 100

114 33.6 22.3 41.5

77 59.4 48.1 72.1

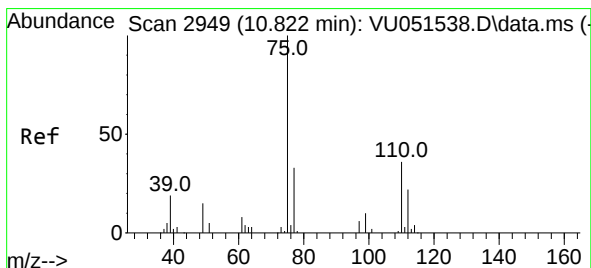
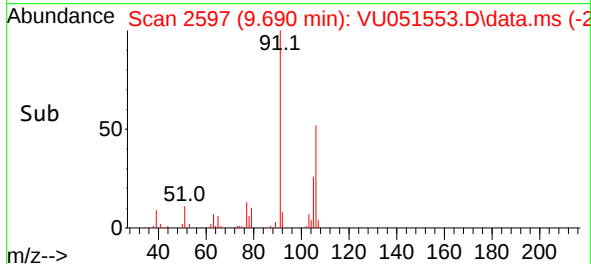
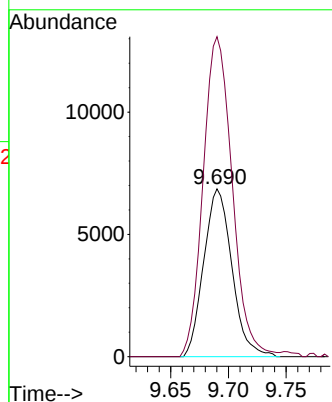
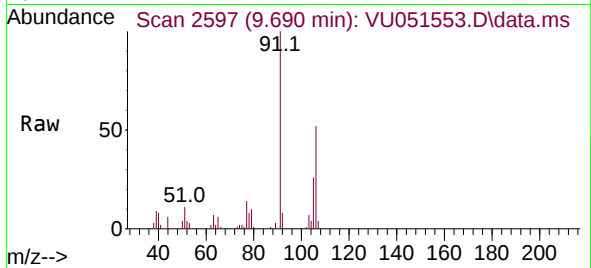




#53  
m,p-Xylene  
Concen: 0.381 ug/L  
RT: 9.690 min Scan# 21647  
Delta R.T. -0.000 min  
Lab File: VU051553.D  
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Tgt Ion:106 Resp: 11647  
Ion Ratio Lower Upper  
106 100  
91 190.7 143.9 267.3



#61  
1,2,3-Trichloropropane  
Concen: 0.966 ug/L  
RT: 11.809 min Scan# 3256  
Delta R.T. 0.987 min  
Lab File: VU051553.D  
Acq: 27 Oct 2022 20:55

Tgt Ion: 75 Resp: 11917  
Ion Ratio Lower Upper  
75 100  
110 2.1 27.0 40.6#  
77 27.8 26.4 39.6

