

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU080222\  
 Data File : VU050045.D  
 Acq On : 02 Aug 2022 13:02  
 Operator : SY/MD  
 Sample : VU0802WBL01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK097

Quant Time: Aug 03 00:52:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR072722WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Aug 03 00:51:34 2022  
 Response via : Initial Calibration

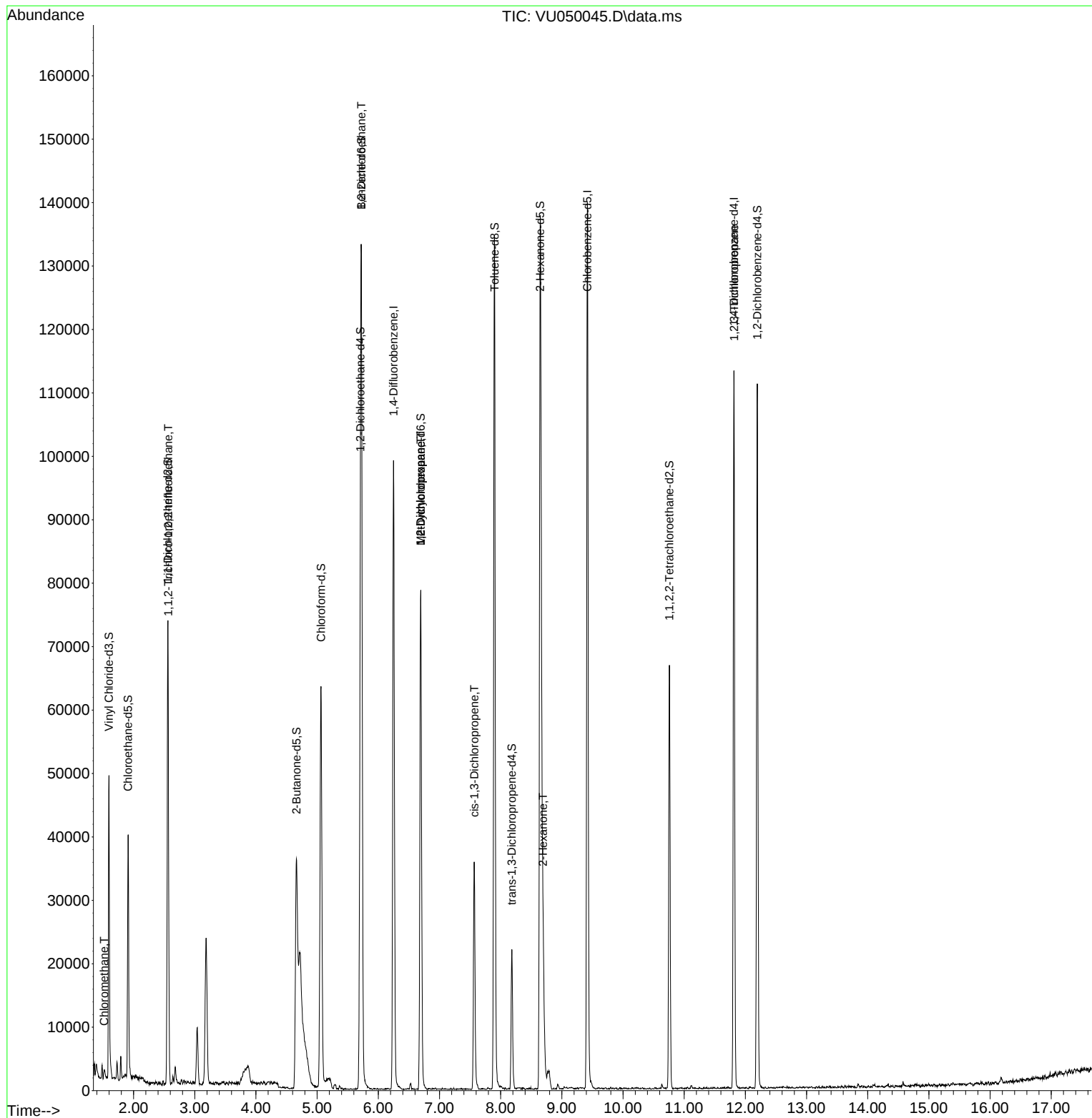
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114            | 81023    | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117            | 82901    | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.812 | 152            | 31613    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65             | 35736    | 5.137  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 102.800% |          |
| 7) Chloroethane-d5            | 1.909  | 69             | 27866    | 5.577  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 111.600% |          |
| 11) 1,1-Dichloroethene-d2     | 2.559  | 65             | 13883    | 5.790  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 115.800% |          |
| 20) 2-Butanone-d5             | 4.661  | 46             | 74056    | 47.822 | ug/L     | 0.02     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 95.640%  |          |
| 24) Chloroform-d              | 5.063  | 84             | 60770    | 5.279  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 105.600% |          |
| 26) 1,2-Dichloroethane-d4     | 5.706  | 65             | 31360    | 5.406  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 108.200% |          |
| 32) Benzene-d6                | 5.723  | 84             | 118280   | 4.828  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 96.600%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.694  | 67             | 40514    | 5.048  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 101.000% |          |
| 41) Toluene-d8                | 7.899  | 98             | 94843    | 4.356  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 87.200%  |          |
| 43) trans-1,3-Dichloroprop... | 8.182  | 79             | 13421    | 4.772  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 95.400%  |          |
| 46) 2-Hexanone-d5             | 8.645  | 63             | 49243    | 46.767 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 93.540%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758 | 84             | 34195    | 5.071  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 101.400% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195 | 152            | 30249    | 5.159  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 103.200% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          | Qvalue   |
| 3) Chloromethane              | 1.520  | 50             | 1275     | 0.172  | ug/L     | 90       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.565  | 101            | 311      | 0.064  | ug/L #   | 21       |
| 27) 1,2-Dichloroethane        | 5.723  | 62             | 612      | 0.097  | ug/L #   | 73       |
| 35) Methylcyclohexane         | 6.694  | 83             | 9273     | 1.195  | ug/L #   | 19       |
| 37) 1,2-Dichloropropane       | 6.694  | 63             | 3807     | 0.571  | ug/L #   | 88       |
| 39) cis-1,3-Dichloropropene   | 7.568  | 75             | 895      | 0.104  | ug/L #   | 81       |
| 48) 2-Hexanone                | 8.693  | 43             | 12317    | 4.194  | ug/L #   | 83       |
| 61) 1,2,3-Trichloropropane    | 11.816 | 75             | 3745     | 1.020  | ug/L #   | 67       |
| -----                         |        |                |          |        |          |          |

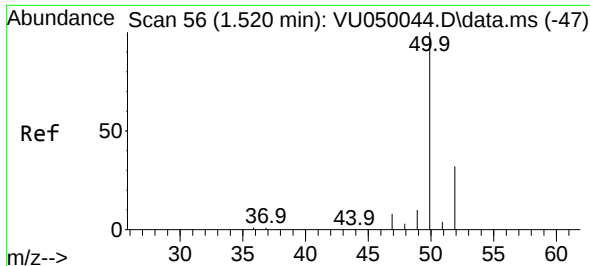
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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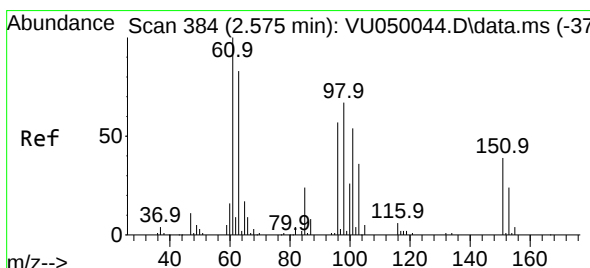
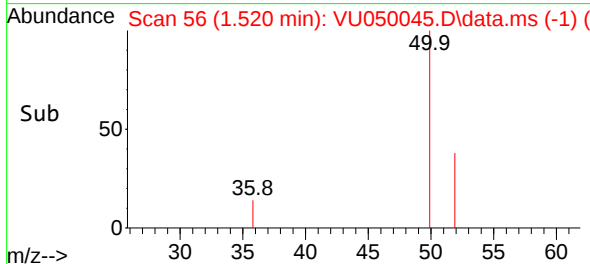
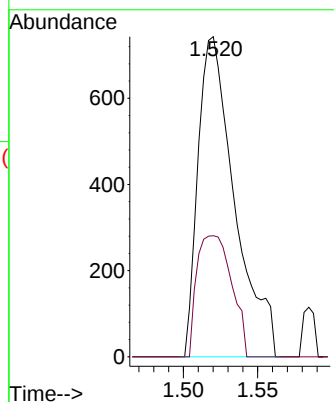
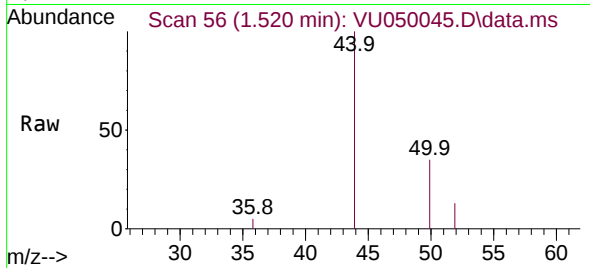




#3  
Chloromethane  
Concen: 0.172 ug/L  
RT: 1.520 min Scan# 50  
Delta R.T. -0.000 min  
Lab File: VU050045.D  
Acq: 02 Aug 2022 13:02

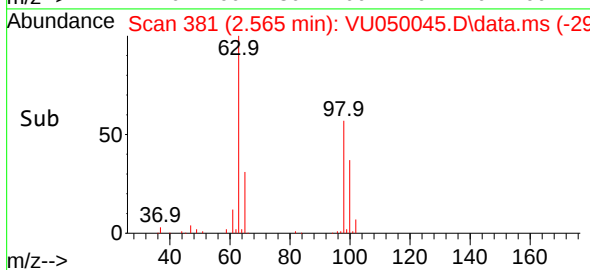
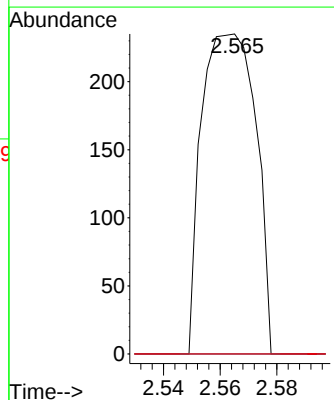
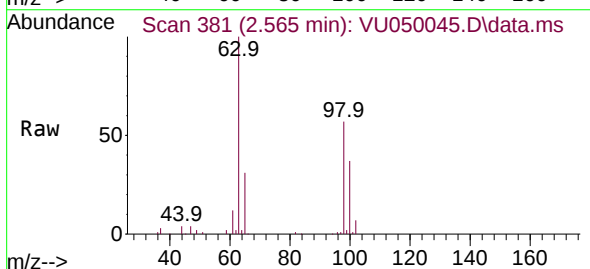
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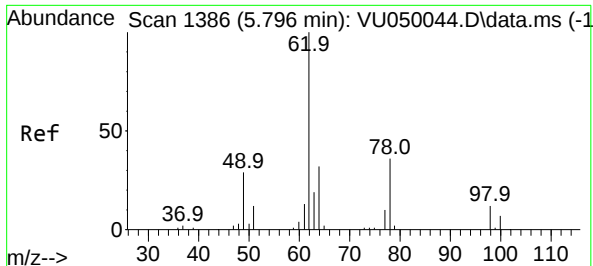
Tgt Ion: 50 Resp: 1275  
Ion Ratio Lower Upper  
50 100  
52 37.8 22.4 41.6



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.064 ug/L  
RT: 2.565 min Scan# 381  
Delta R.T. -0.010 min  
Lab File: VU050045.D  
Acq: 02 Aug 2022 13:02

Tgt Ion: 101 Resp: 311  
Ion Ratio Lower Upper  
101 100  
85 0.0 34.1 51.1#  
151 0.0 56.6 85.0#

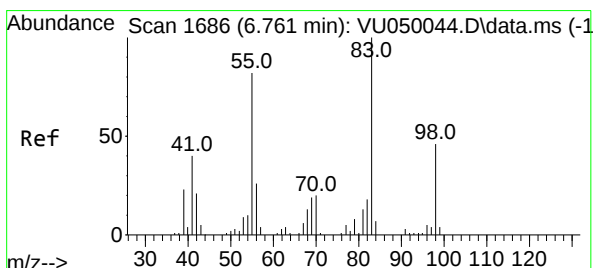
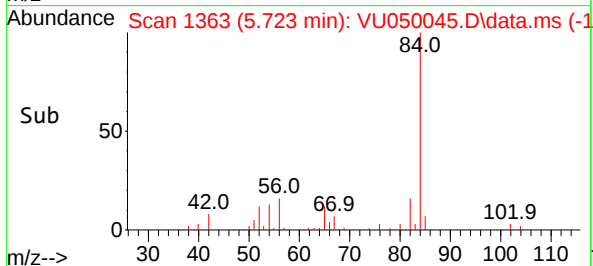
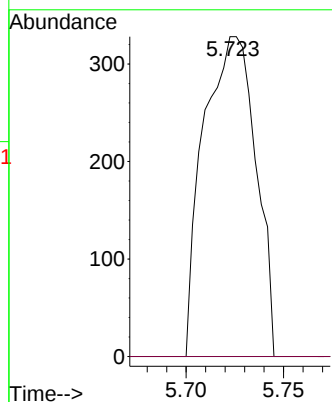
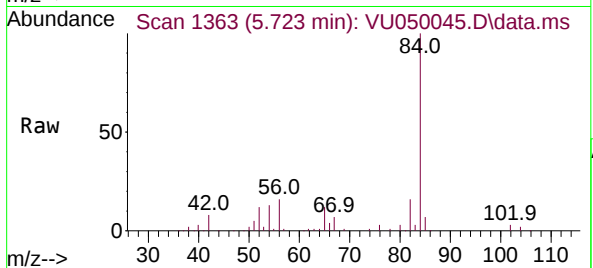




#27  
1,2-Dichloroethane  
Concen: 0.097 ug/L  
RT: 5.723 min Scan# 11  
Delta R.T. -0.074 min  
Lab File: VU050045.D  
Acq: 02 Aug 2022 13:02

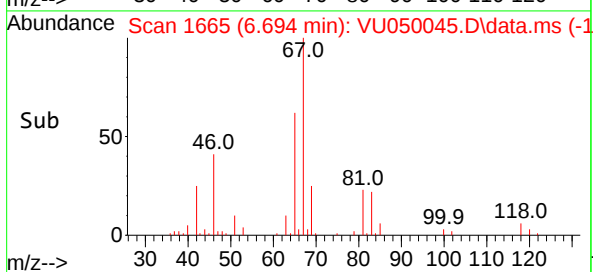
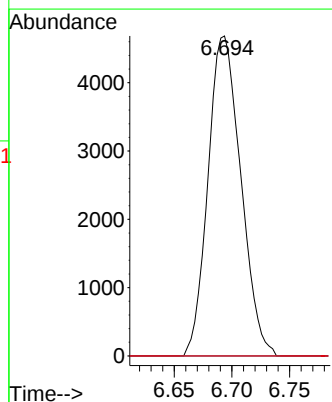
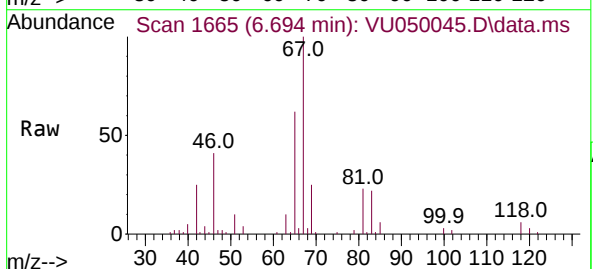
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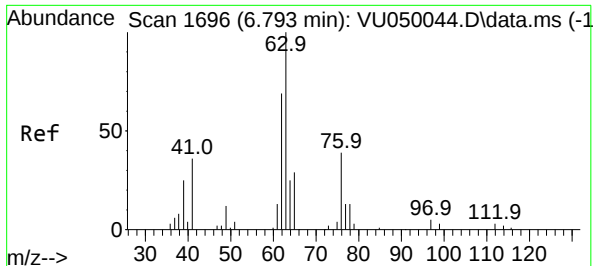
Tgt Ion: 62 Resp: 612  
Ion Ratio Lower Upper  
62 100  
98 0.0 7.9 11.9#



#35  
Methylcyclohexane  
Concen: 1.195 ug/L  
RT: 6.694 min Scan# 1665  
Delta R.T. -0.068 min  
Lab File: VU050045.D  
Acq: 02 Aug 2022 13:02

Tgt Ion: 83 Resp: 9273  
Ion Ratio Lower Upper  
83 100  
55 0.0 61.6 92.4#  
98 1.0 34.8 52.2#





#37

1,2-Dichloropropane

Concen: 0.571 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.100 min

Lab File: VU050045.D

Acq: 02 Aug 2022 13:02

Instrument :

MSVOA\_U

ClientSampleId :

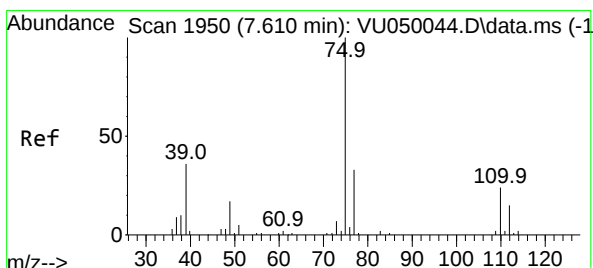
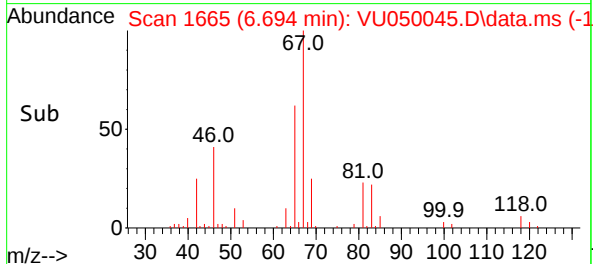
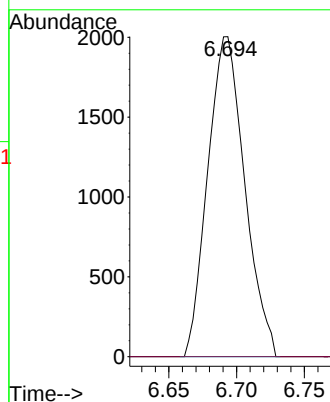
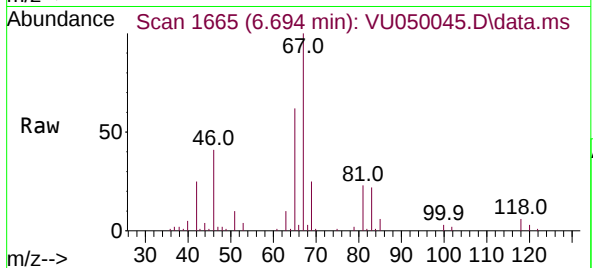
VBLK097

Tgt Ion: 63 Resp: 3807

Ion Ratio Lower Upper

63 100

112 0.0 3.0 4.6#



#39

cis-1,3-Dichloropropene

Concen: 0.104 ug/L

RT: 7.568 min Scan# 1937

Delta R.T. -0.042 min

Lab File: VU050045.D

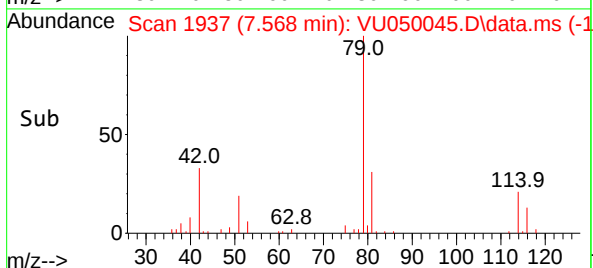
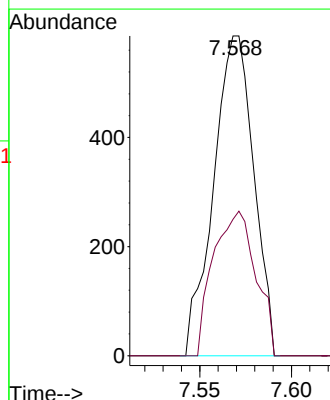
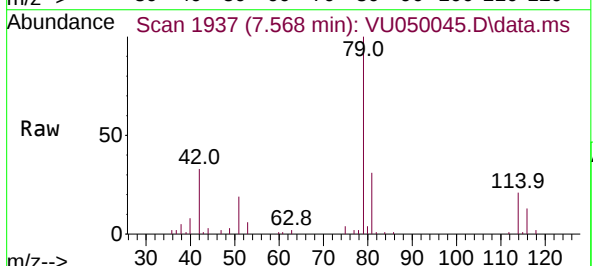
Acq: 02 Aug 2022 13:02

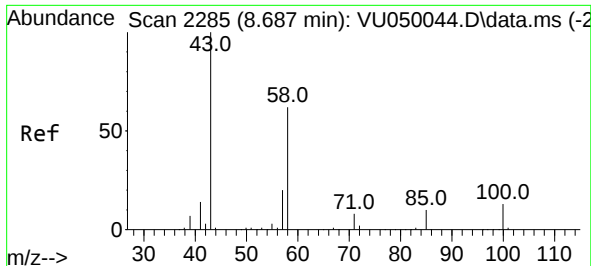
Tgt Ion: 75 Resp: 895

Ion Ratio Lower Upper

75 100

77 42.7 22.5 41.9#

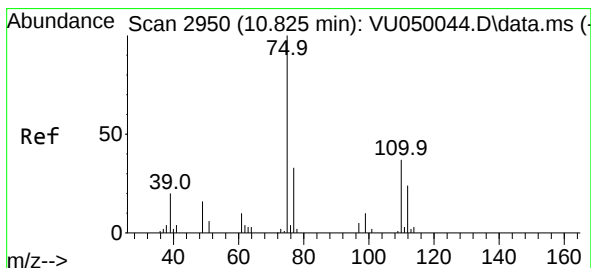
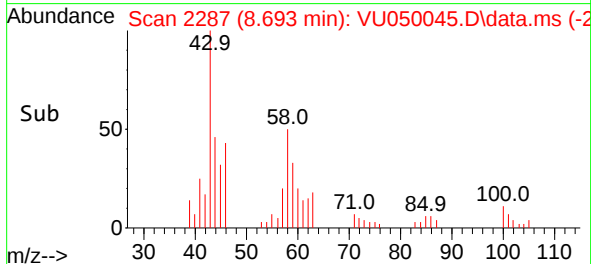
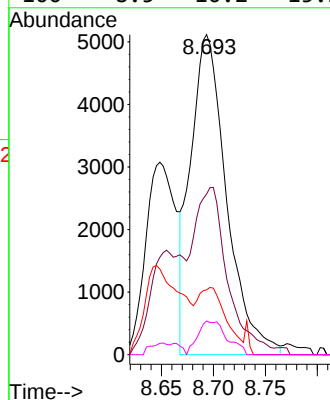
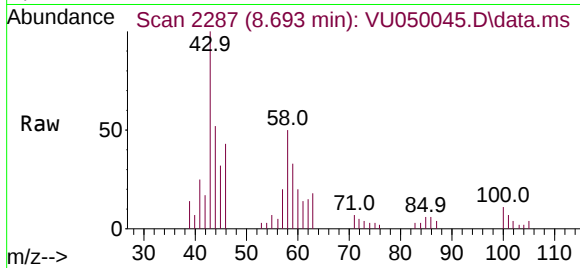




#48  
2-Hexanone  
Concen: 4.194 ug/L  
RT: 8.693 min Scan# 21  
Delta R.T. 0.006 min  
Lab File: VU050045.D  
Acq: 02 Aug 2022 13:02

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|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 12317 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 45.8  | 49.4  | 74.0# |
| 57       | 16.6  | 17.0  | 25.4# |
| 100      | 8.5   | 10.2  | 15.2# |



#61  
1,2,3-Trichloropropane  
Concen: 1.020 ug/L  
RT: 11.816 min Scan# 3258  
Delta R.T. 0.990 min  
Lab File: VU050045.D  
Acq: 02 Aug 2022 13:02

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 3745  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 0.0   | 28.1  | 42.1# |
| 77       | 29.9  | 24.7  | 37.1  |

