

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU103122\  
 Data File : VU051639.D  
 Acq On : 01 Nov 2022 03:15  
 Operator : JC/MD  
 Sample : N5319-16  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BHAB1

Quant Time: Nov 01 06:00:58 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR102822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Nov 01 02:34:58 2022  
 Response via : Initial Calibration

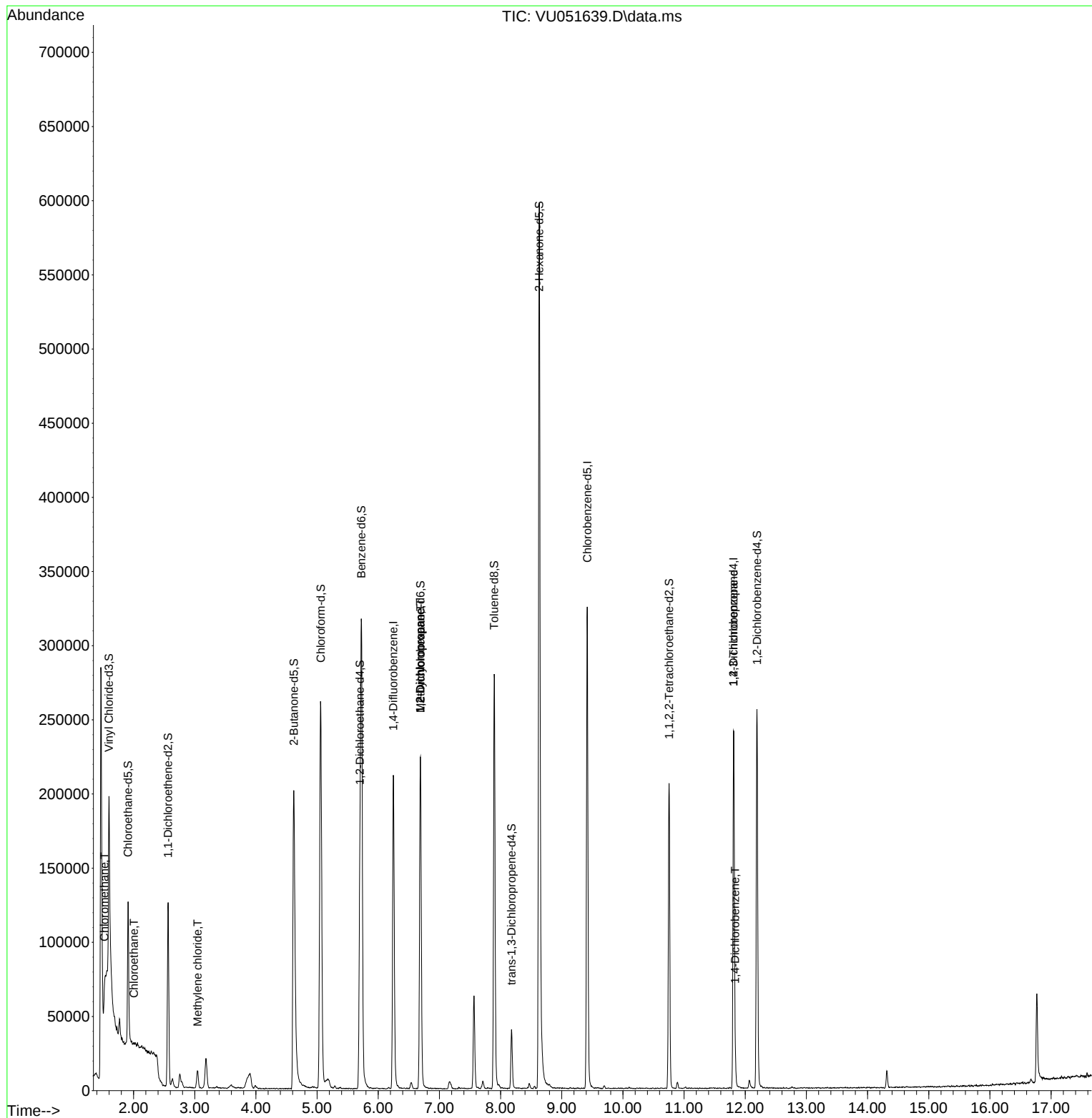
| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114            | 174681   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117            | 186251   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152            | 67367    | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65             | 63972    | 4.863  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 97.200%  |          |
| 7) Chloroethane-d5            | 1.909  | 69             | 74937    | 5.462  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 109.200% |          |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65             | 22801    | 4.775  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 95.600%  |          |
| 20) 2-Butanone-d5             | 4.620  | 46             | 281729   | 59.130 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 118.260% |          |
| 24) Chloroform-d              | 5.060  | 84             | 174677   | 5.674  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 113.400% |          |
| 26) 1,2-Dichloroethane-d4     | 5.700  | 65             | 96326    | 5.792  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 115.800% |          |
| 32) Benzene-d6                | 5.726  | 84             | 305800   | 5.203  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 104.000% |          |
| 36) 1,2-Dichloropropane-d6    | 6.690  | 67             | 113688   | 5.532  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 110.600% |          |
| 41) Toluene-d8                | 7.896  | 98             | 195510   | 4.230  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 84.600%  |          |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79             | 23379    | 3.720  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 74.400%  |          |
| 46) 2-Hexanone-d5             | 8.632  | 63             | 188169   | 49.741 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 99.480%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.754 | 84             | 106646   | 5.662  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 113.200% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152            | 72218    | 5.841  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 116.800% |          |
| Target Compounds              |        |                |          |        |          |          |
|                               |        |                |          |        | Qvalue   |          |
| 3) Chloromethane              | 1.523  | 50             | 2893     | 0.120  | ug/L #   | 69       |
| 8) Chloroethane               | 2.006  | 64             | 1304     | 0.093  | ug/L #   | 51       |
| 16) Methylene chloride        | 3.044  | 84             | 5740     | 0.231  | ug/L     | 90       |
| 35) Methylcyclohexane         | 6.690  | 83             | 26609    | 1.085  | ug/L #   | 20       |
| 37) 1,2-Dichloropropane       | 6.687  | 63             | 11733    | 0.621  | ug/L #   | 88       |
| 61) 1,2,3-Trichloropropane    | 11.809 | 75             | 9424     | 1.082  | ug/L #   | 64       |
| 65) 1,4-Dichlorobenzene       | 11.835 | 146            | 5472     | 0.223  | ug/L     | 87       |
| -----                         |        |                |          |        |          |          |

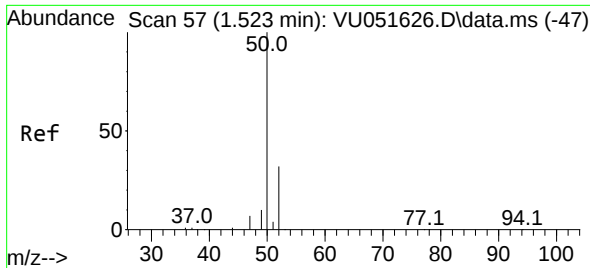
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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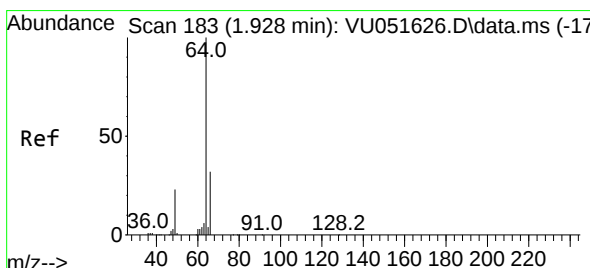
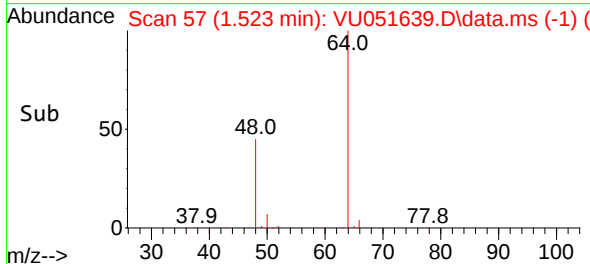
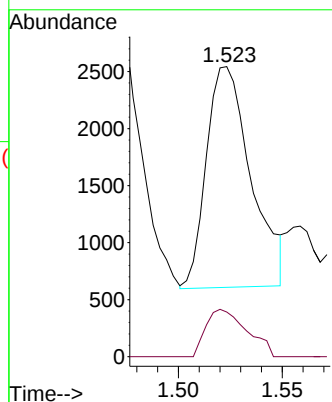
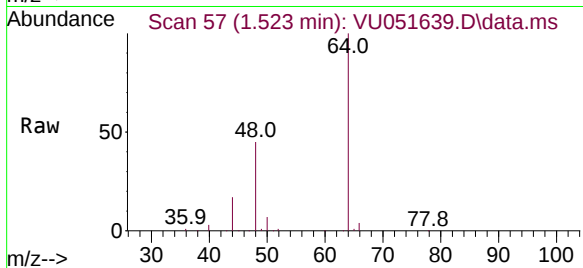




#3  
Chloromethane  
Concen: 0.120 ug/L  
RT: 1.523 min Scan# 51  
Delta R.T. -0.000 min  
Lab File: VU051639.D  
Acq: 01 Nov 2022 03:15

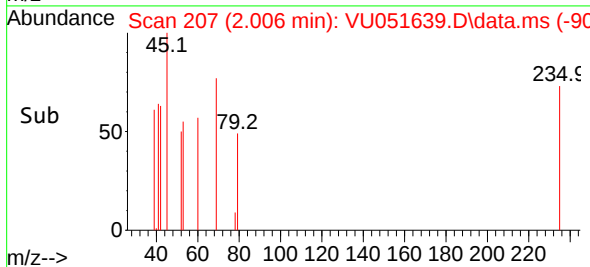
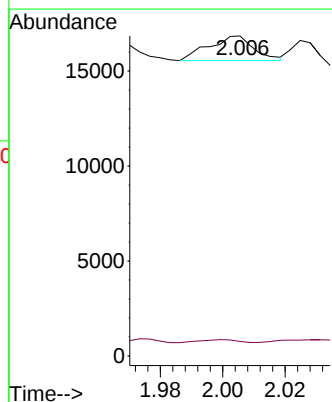
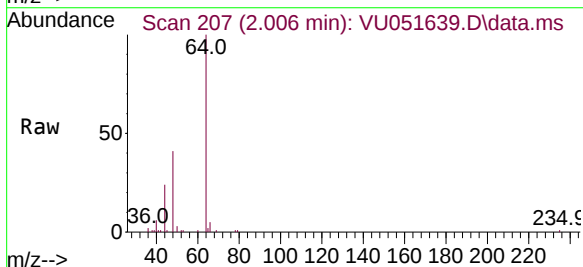
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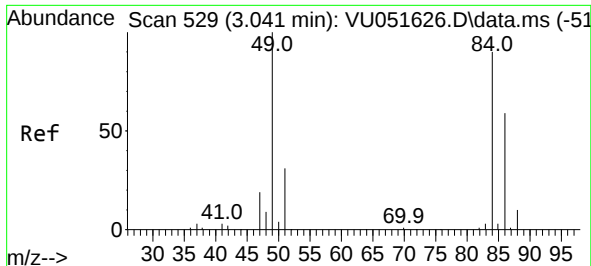
Tgt Ion: 50 Resp: 2893  
Ion Ratio Lower Upper  
50 100  
52 15.4 23.2 43.2#



#8  
Chloroethane  
Concen: 0.093 ug/L  
RT: 2.006 min Scan# 207  
Delta R.T. 0.077 min  
Lab File: VU051639.D  
Acq: 01 Nov 2022 03:15

Tgt Ion: 64 Resp: 1304  
Ion Ratio Lower Upper  
64 100  
66 4.6 22.3 41.5#

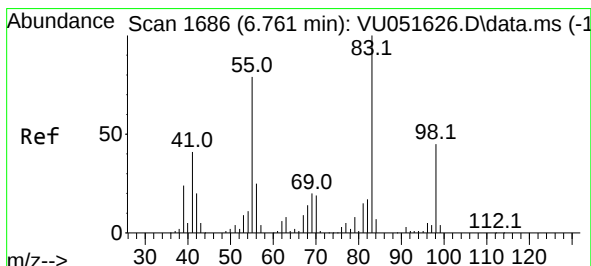
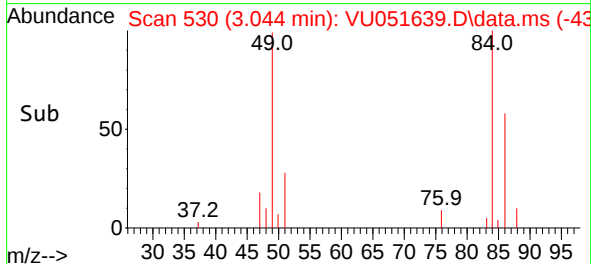
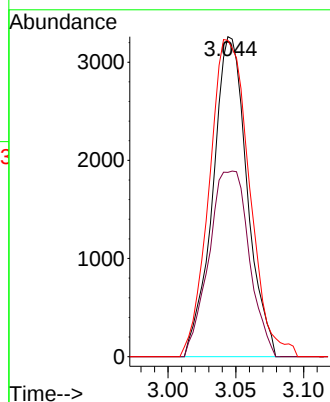
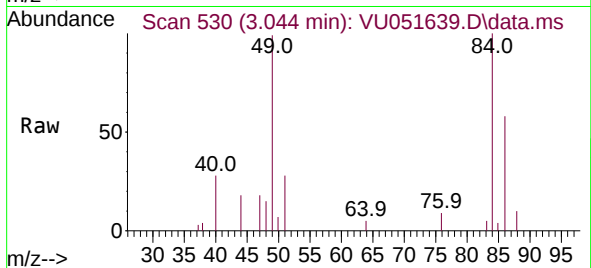




#16  
Methylene chloride  
Concen: 0.231 ug/L  
RT: 3.044 min Scan# 51  
Delta R.T. 0.003 min  
Lab File: VU051639.D  
Acq: 01 Nov 2022 03:15

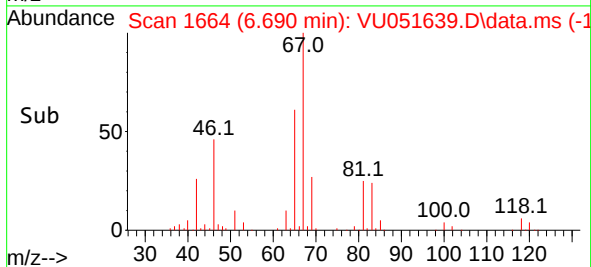
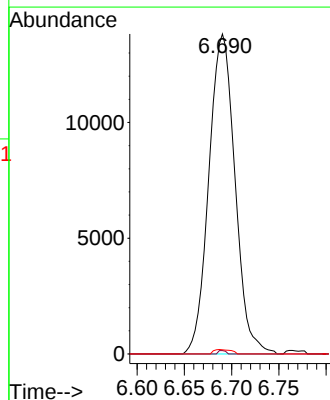
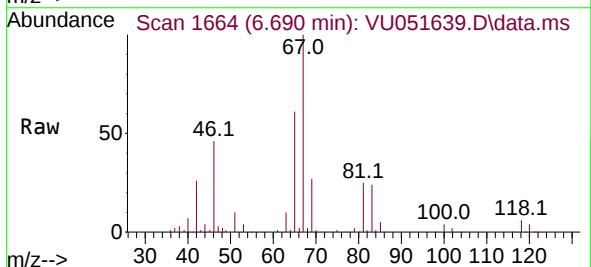
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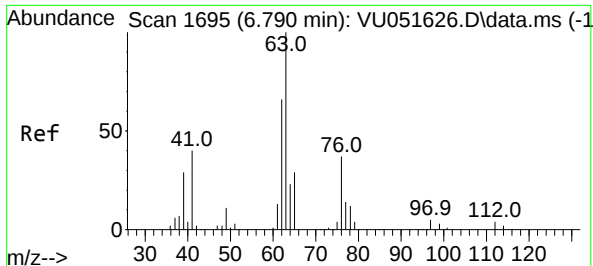
Tgt Ion: 84 Resp: 5740  
Ion Ratio Lower Upper  
84 100  
86 57.6 46.3 85.9  
49 98.8 76.0 141.2



#35  
Methylcyclohexane  
Concen: 1.085 ug/L  
RT: 6.690 min Scan# 1664  
Delta R.T. -0.071 min  
Lab File: VU051639.D  
Acq: 01 Nov 2022 03:15

Tgt Ion: 83 Resp: 26609  
Ion Ratio Lower Upper  
83 100  
55 0.3 60.6 90.8#  
98 0.9 35.8 53.6#





#37

1,2-Dichloropropane

Concen: 0.621 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU051639.D

Acq: 01 Nov 2022 03:15

Instrument :

MSVOA\_U

ClientSampleId :

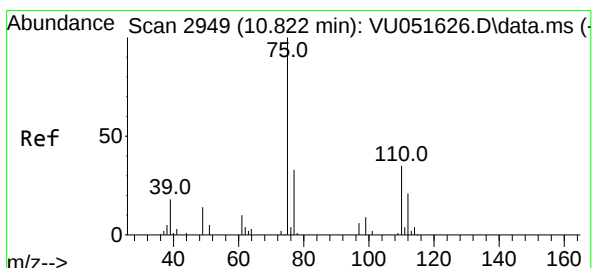
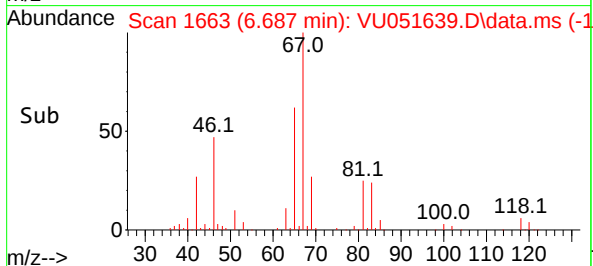
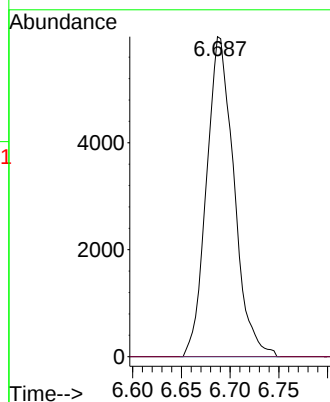
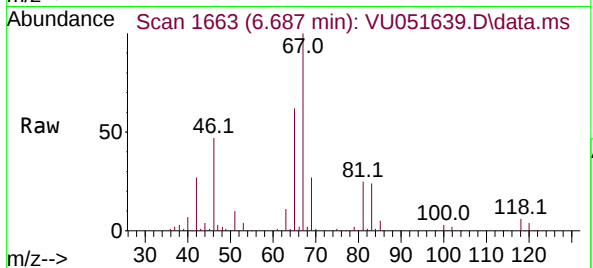
BHAB1

Tgt Ion: 63 Resp: 11733

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#61

1,2,3-Trichloropropane

Concen: 1.082 ug/L

RT: 11.809 min Scan# 3256

Delta R.T. 0.987 min

Lab File: VU051639.D

Acq: 01 Nov 2022 03:15

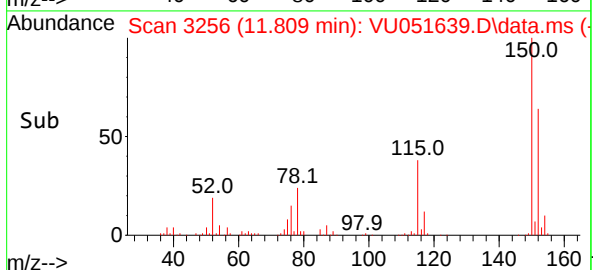
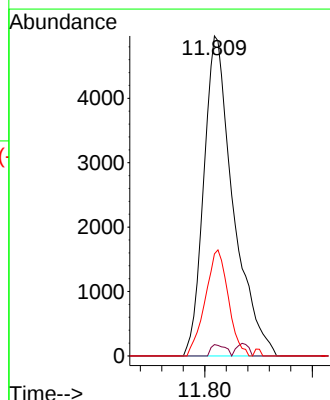
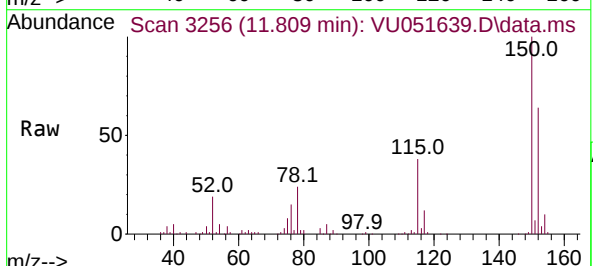
Tgt Ion: 75 Resp: 9424

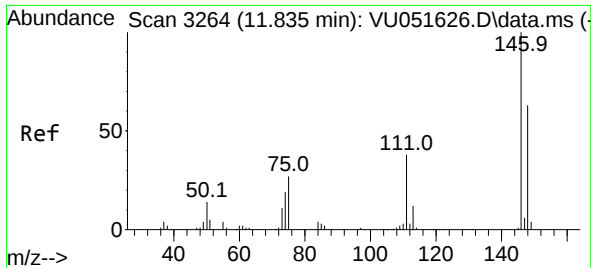
Ion Ratio Lower Upper

75 100

110 1.8 28.7 43.1#

77 26.0 26.1 39.1#





#65

1,4-Dichlorobenzene

Concen: 0.223 ug/L

RT: 11.835 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU051639.D

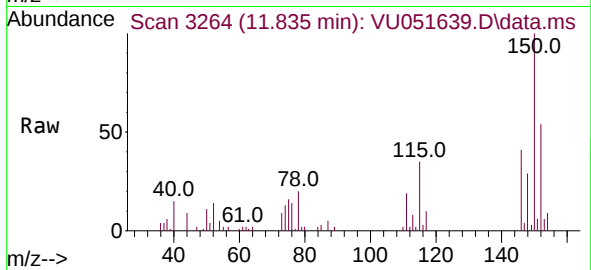
Acq: 01 Nov 2022 03:15

Instrument :

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ClientSampleId :

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Tgt Ion:146 Resp: 5472

Ion Ratio Lower Upper

146 100

111 46.8 26.7 49.5

148 71.5 43.5 80.9

