

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU051421\  
 Data File : VU043724.D  
 Acq On : 14 May 2021 01:34  
 Operator : SY/MD  
 Sample : M2327-02  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: May 14 04:43:42 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM051421WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 14 04:42:41 2021  
 Response via : Initial Calibration

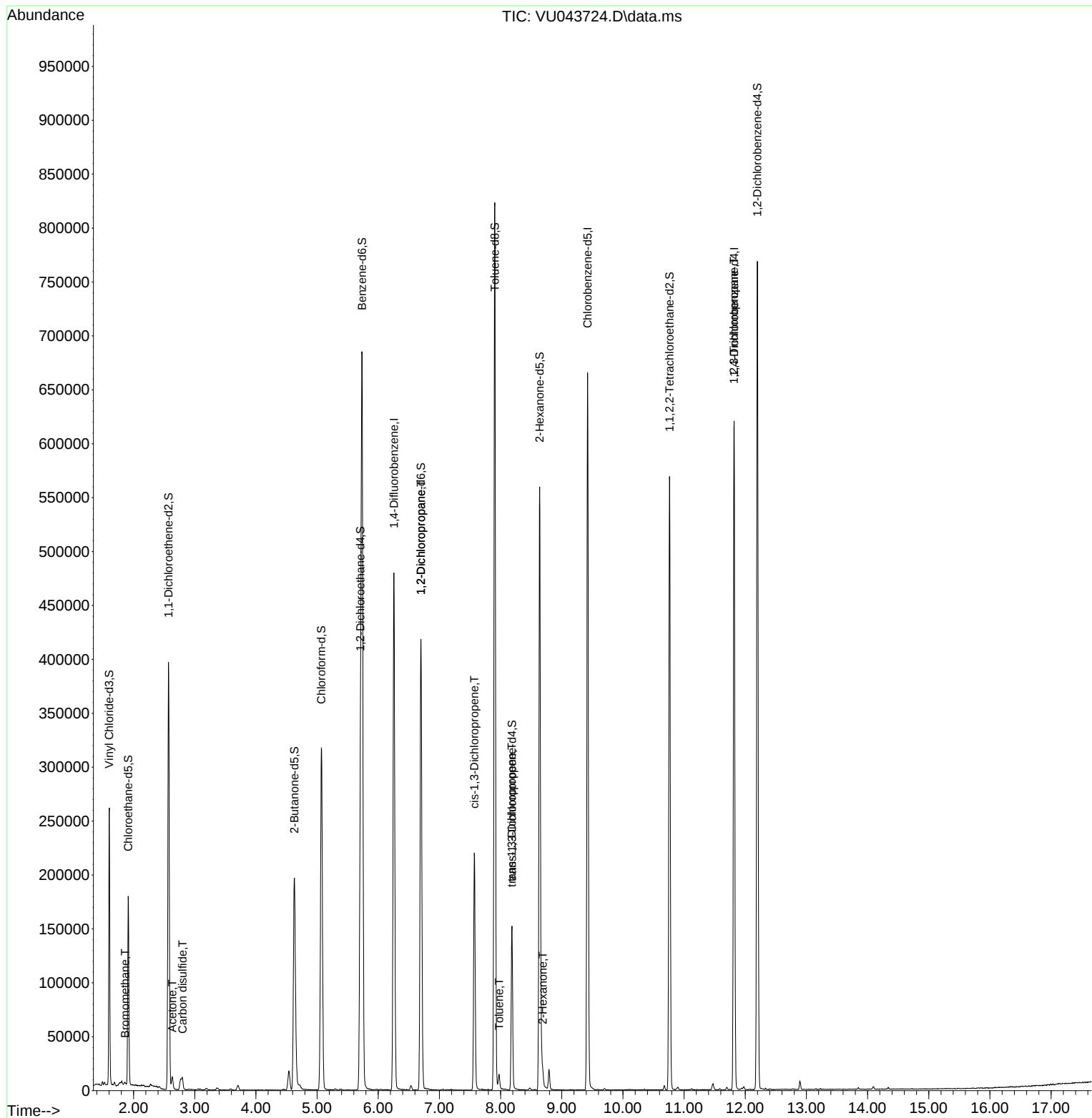
| Compound                      | R.T.           | QIon | Response            | Conc   | Units  | Dev(Min) |
|-------------------------------|----------------|------|---------------------|--------|--------|----------|
| -----                         |                |      |                     |        |        |          |
| Internal Standards            |                |      |                     |        |        |          |
| 1) 1,4-Difluorobenzene        | 6.256          | 114  | 385904              | 50.00  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423          | 117  | 369332              | 50.00  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819         | 152  | 170240              | 50.00  | ug/L   | 0.00     |
|                               |                |      |                     |        |        |          |
| System Monitoring Compounds   |                |      |                     |        |        |          |
| 4) Vinyl Chloride-d3          | 1.601          | 65   | 178507              | 55.87  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = 111.74%  |        |        |          |
| 7) Chloroethane-d5            | 1.912          | 69   | 128965              | 56.13  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = 112.26%  |        |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.572          | 63   | 229471              | 42.18  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 84.36%   |        |        |          |
| 21) 2-Butanone-d5             | 4.629          | 46   | 290928              | 116.40 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = 116.40%  |        |        |          |
| 24) Chloroform-d              | 5.070          | 84   | 297873              | 54.94  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 109.88%  |        |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.710          | 65   | 192307              | 57.22  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 114.44%  |        |        |          |
| 32) Benzene-d6                | 5.735          | 84   | 631534              | 57.70  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = 115.40%  |        |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.697          | 67   | 209854              | 58.78  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = 117.56%  |        |        |          |
| 41) Toluene-d8                | 7.906          | 98   | 545547              | 55.39  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 110.78%  |        |        |          |
| 43) trans-1,3-Dichloroprop... | 8.186          | 79   | 84050               | 53.85  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = 107.70%  |        |        |          |
| 47) 2-Hexanone-d5             | 8.639          | 63   | 186349              | 109.00 | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = 109.00%  |        |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761         | 84   | 289408              | 53.57  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = 107.14%  |        |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.198         | 152  | 207909              | 61.88  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = 123.76%# |        |        |          |
|                               |                |      |                     |        |        |          |
| Target Compounds              |                |      |                     |        |        | Qvalue   |
| 6) Bromomethane               | 1.861          | 94   | 1068                | 0.57   | ug/L   | 79       |
| 13) Acetone                   | 2.633          | 43   | 12635               | 7.24   | ug/L   | 99       |
| 14) Carbon disulfide          | 2.800          | 76   | 10552               | 1.20   | ug/L   | 96       |
| 37) 1,2-Dichloropropane       | 6.697          | 63   | 21145               | 6.20   | ug/L # | 89       |
| 39) cis-1,3-Dichloropropene   | 7.571          | 75   | 4975                | 1.07   | ug/L # | 68       |
| 42) Toluene                   | 7.977          | 91   | 8930                | 0.68   | ug/L   | 90       |
| 44) trans-1,3-Dichloropropene | 8.182          | 75   | 3493                | 0.80   | ug/L   | 87       |
| 48) 2-Hexanone                | 8.690          | 43   | 6746                | 1.64   | ug/L # | 77       |
| 60) 1,2,3-Trichloropropane    | 11.816         | 75   | 19205               | 4.83   | ug/L # | 68       |
| -----                         |                |      |                     |        |        |          |

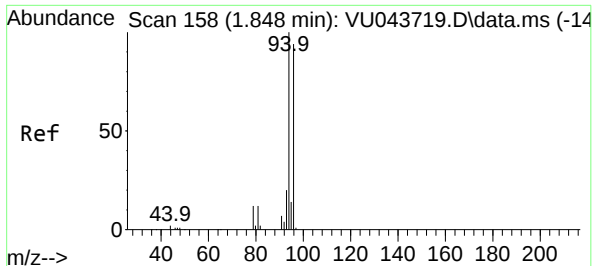
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU051421\  
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Operator : SY/MD  
Sample : M2327-02  
Misc : 5.0mL/MSVOA\_U/WATER  
ALS Vial : 36 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

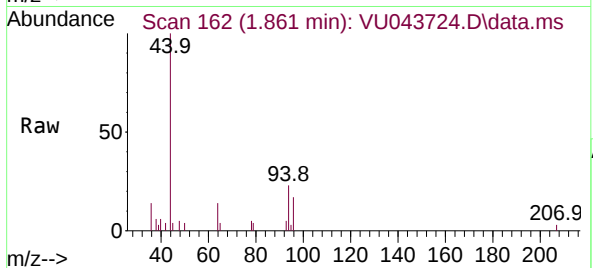
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM051421WMA.M  
Quant Title : VOC Analysis  
QLast Update : Fri May 14 04:42:41 2021  
Response via : Initial Calibration



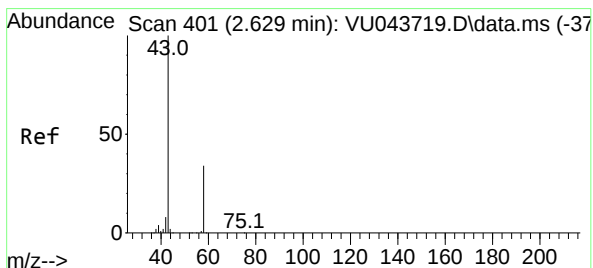
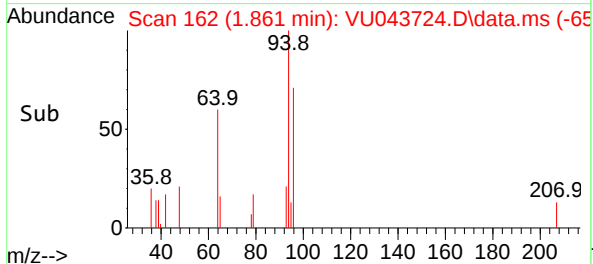
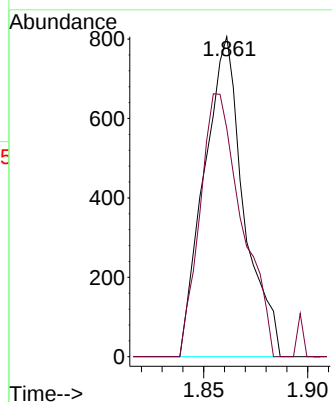


#6  
Bromomethane  
Concen: 0.57 ug/L  
RT: 1.861 min Scan# 162  
Delta R.T. 0.013 min  
Lab File: VU043724.D  
Acq: 14 May 2021 01:34

Instrument :  
MSVOA\_U  
ClientSampled :

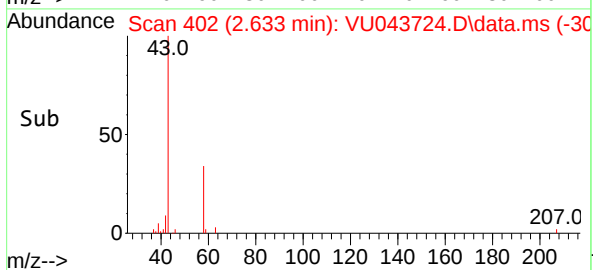
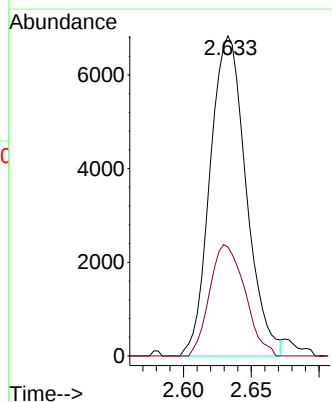
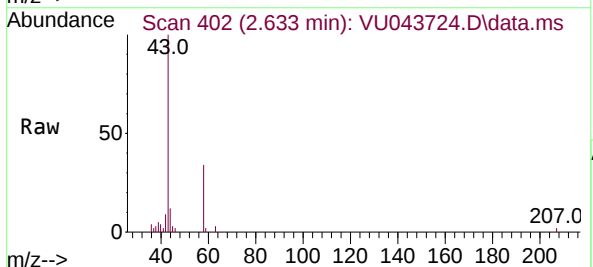


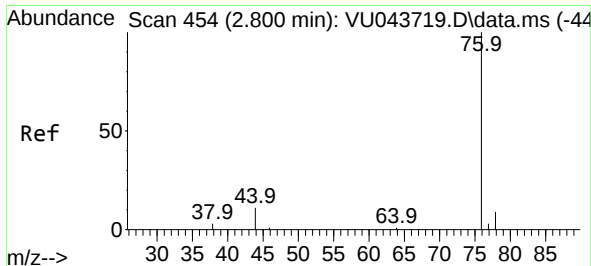
Tgt Ion: 94 Resp: 1068  
Ion Ratio Lower Upper  
94 100  
96 71.3 64.2 119.2



#13  
Acetone  
Concen: 7.24 ug/L  
RT: 2.633 min Scan# 402  
Delta R.T. 0.003 min  
Lab File: VU043724.D  
Acq: 14 May 2021 01:34

Tgt Ion: 43 Resp: 12635  
Ion Ratio Lower Upper  
43 100  
58 34.0 0.0 69.4

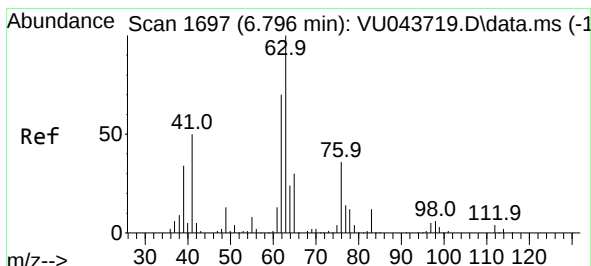
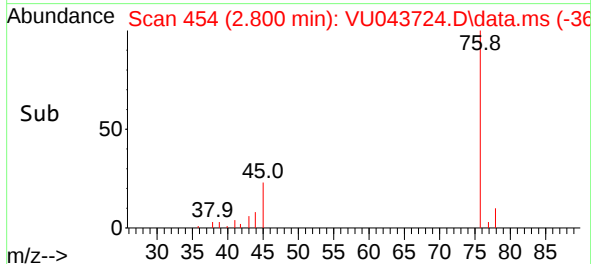
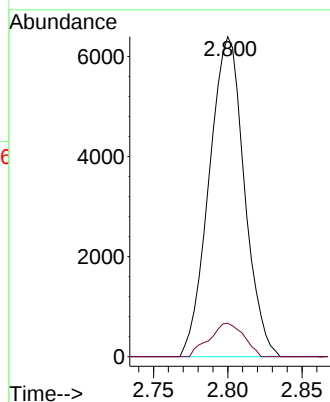
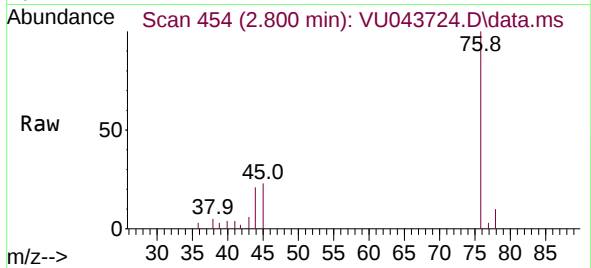




#14  
Carbon disulfide  
Concen: 1.20 ug/L  
RT: 2.800 min Scan# 454  
Delta R.T. 0.000 min  
Lab File: VU043724.D  
Acq: 14 May 2021 01:34

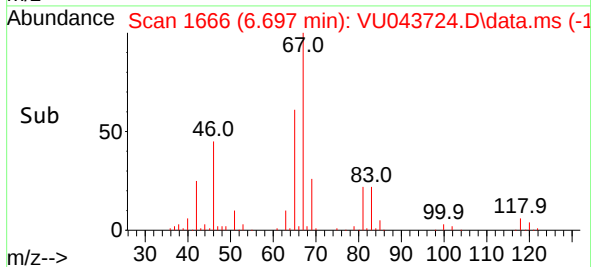
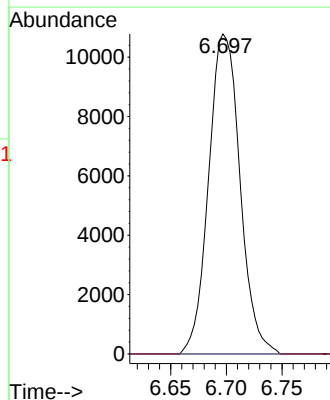
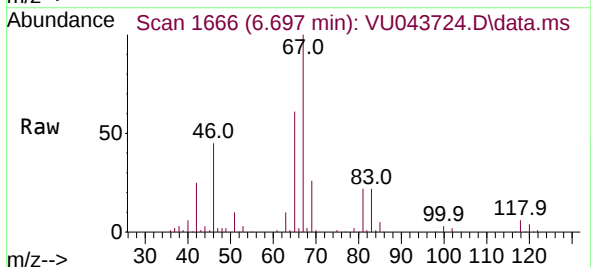
Instrument :  
MSVOA\_U  
ClientSampled :

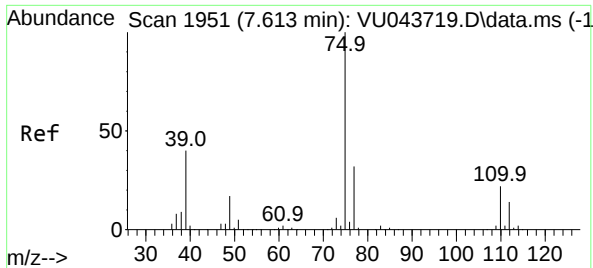
Tgt Ion: 76 Resp: 10552  
Ion Ratio Lower Upper  
76 100  
78 10.4 7.1 10.7



#37  
1,2-Dichloropropane  
Concen: 6.20 ug/L  
RT: 6.697 min Scan# 1666  
Delta R.T. -0.099 min  
Lab File: VU043724.D  
Acq: 14 May 2021 01:34

Tgt Ion: 63 Resp: 21145  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.0 4.4#



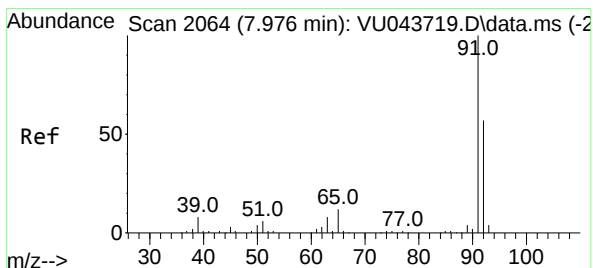
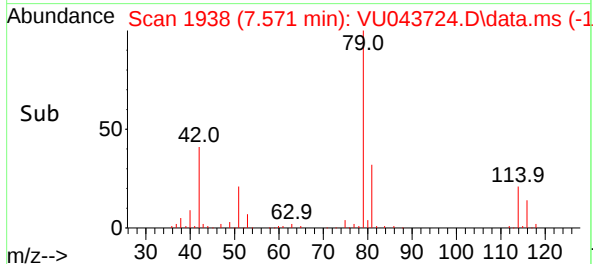
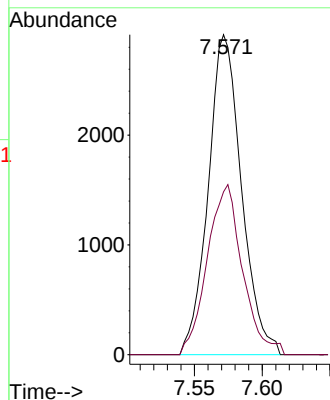
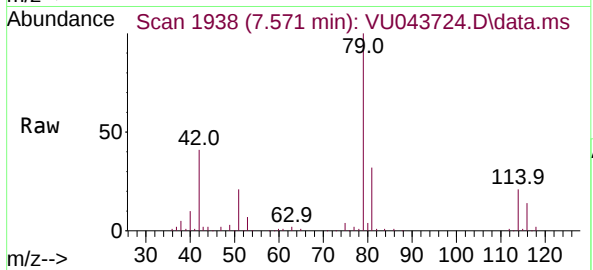


#39

cis-1,3-Dichloropropene  
Concen: 1.07 ug/L  
RT: 7.571 min Scan# 1938  
Delta R.T. -0.042 min  
Lab File: VU043724.D  
Acq: 14 May 2021 01:34

Instrument :  
MSVOA\_U  
ClientSampled :

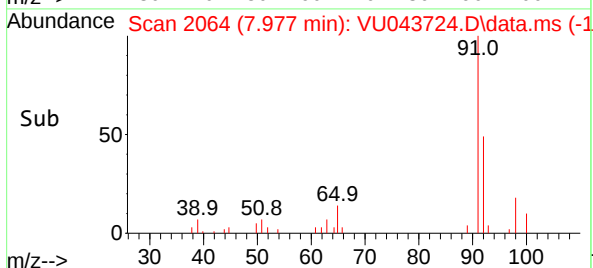
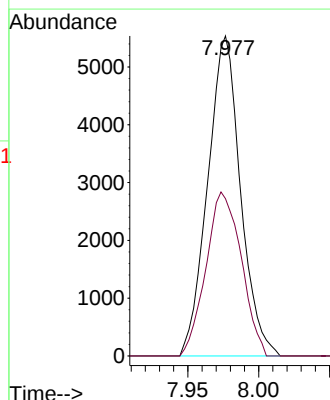
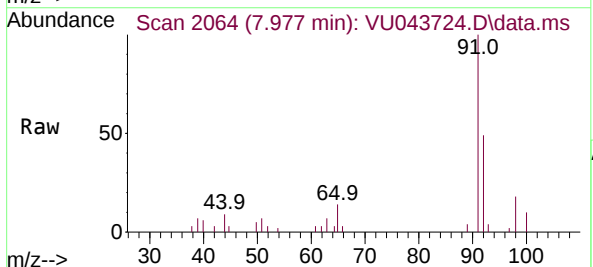
Tgt Ion: 75 Resp: 4975  
Ion Ratio Lower Upper  
75 100  
77 49.2 22.0 41.0#

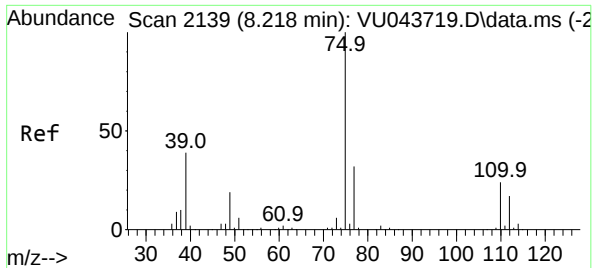


#42

Toluene  
Concen: 0.68 ug/L  
RT: 7.977 min Scan# 2064  
Delta R.T. 0.000 min  
Lab File: VU043724.D  
Acq: 14 May 2021 01:34

Tgt Ion: 91 Resp: 8930  
Ion Ratio Lower Upper  
91 100  
92 49.2 39.7 73.7

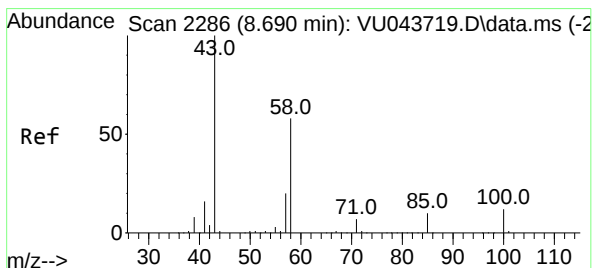
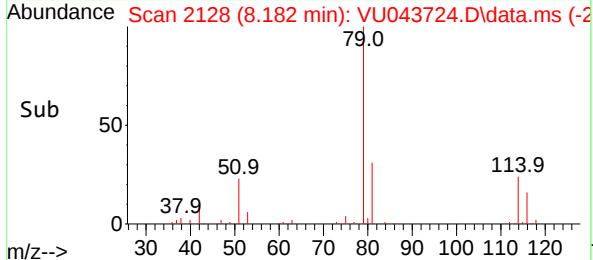
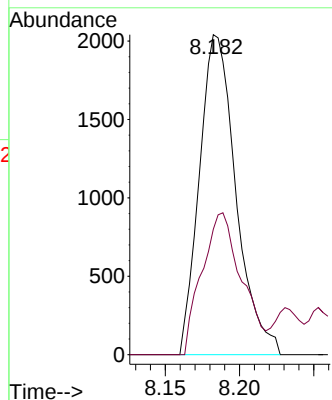
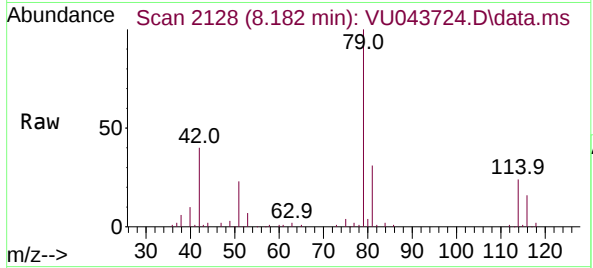




#44  
trans-1,3-Dichloropropene  
Concen: 0.80 ug/L  
RT: 8.182 min Scan# 2128  
Delta R.T. -0.035 min  
Lab File: VU043724.D  
Acq: 14 May 2021 01:34

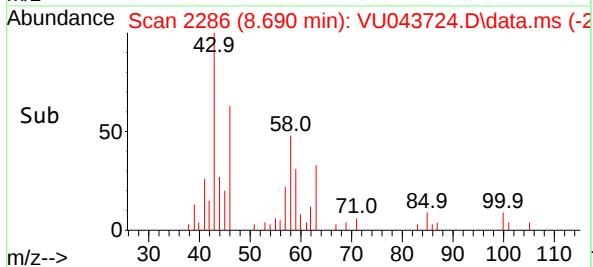
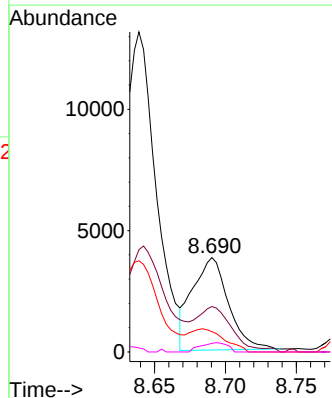
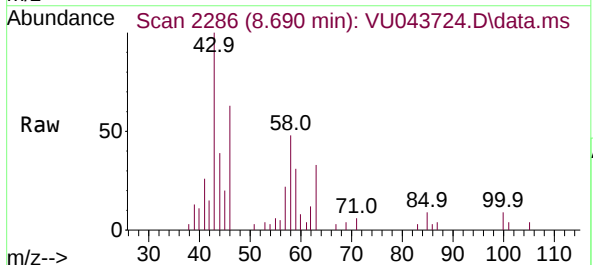
Instrument :  
MSVOA\_U  
ClientSampleId :

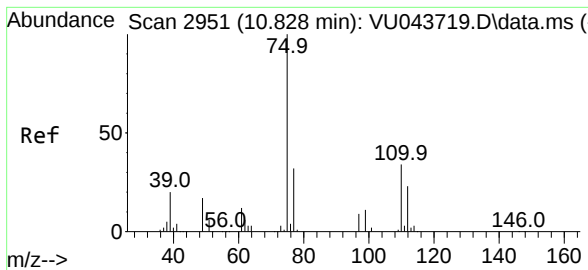
Tgt Ion: 75 Resp: 3493  
Ion Ratio Lower Upper  
75 100  
77 39.2 22.4 41.6



#48  
2-Hexanone  
Concen: 1.64 ug/L  
RT: 8.690 min Scan# 2286  
Delta R.T. 0.000 min  
Lab File: VU043724.D  
Acq: 14 May 2021 01:34

Tgt Ion: 43 Resp: 6746  
Ion Ratio Lower Upper  
43 100  
58 34.4 46.2 69.2#  
57 23.5 15.9 23.9  
100 7.4 9.0 13.6#





#60  
 1,2,3-Trichloropropane  
 Concen: 4.83 ug/L  
 RT: 11.816 min Scan# 3258  
 Delta R.T. 0.987 min  
 Lab File: VU043724.D  
 Acq: 14 May 2021 01:34

Instrument :  
 MSVOA\_U  
 ClientSampleId :

|             |       |            |
|-------------|-------|------------|
| Tgt Ion: 75 | Resp: | 19205      |
| Ion Ratio   | Lower | Upper      |
| 75          | 100   |            |
| 77          | 30.3  | 25.8 38.6  |
| 110         | 1.7   | 28.9 43.3# |

