

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU051521\  
 Data File : VU043762.D  
 Acq On : 14 May 2021 18:14  
 Operator : SY/MD  
 Sample : VU0515WBL01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :

Quant Time: May 15 01:19:20 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR051521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat May 15 00:49:19 2021  
 Response via : Initial Calibration

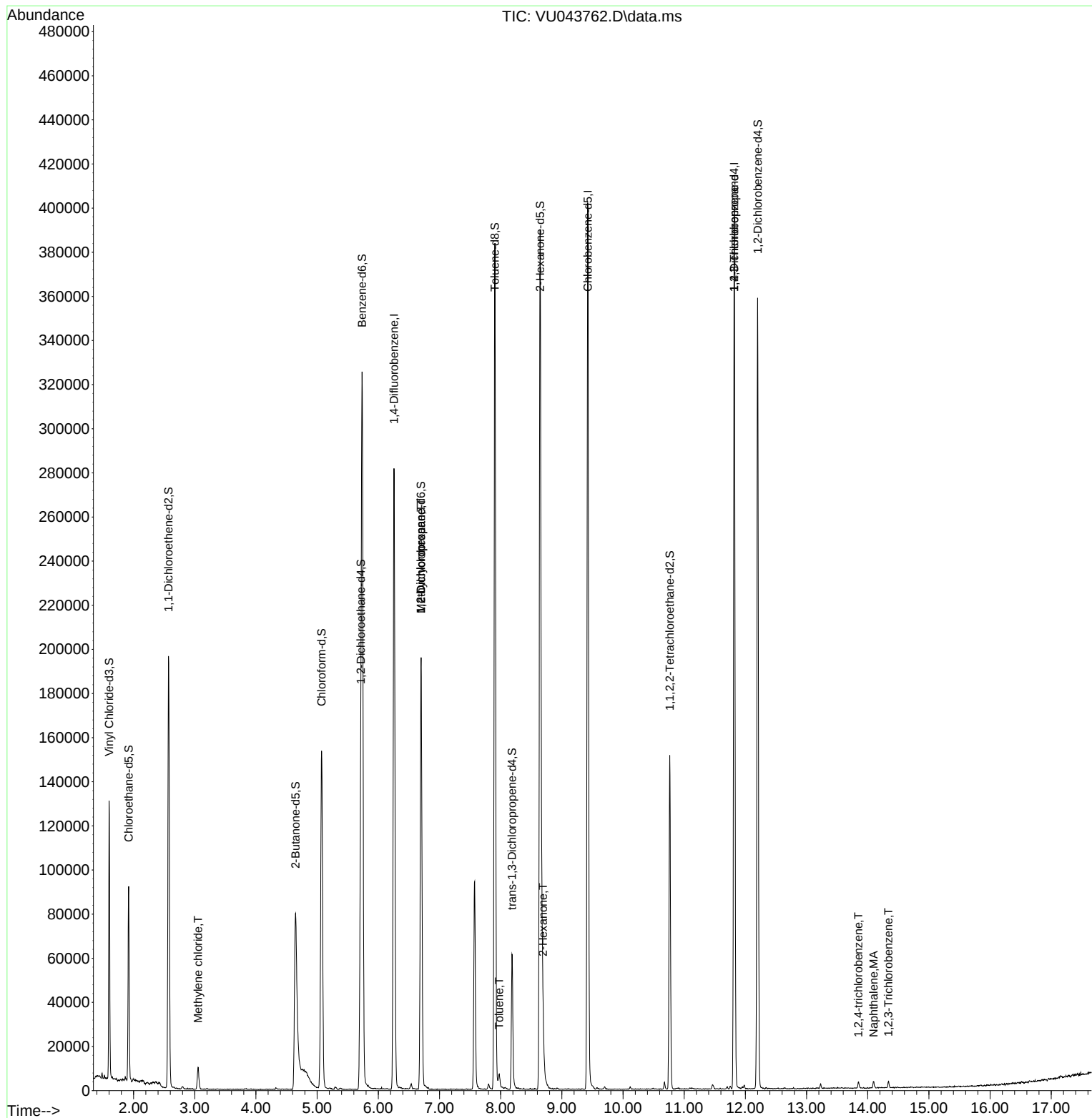
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114   | 232268   | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 230782   | 5.00     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 109776   | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65    | 89038    | 5.20     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 104.00%  |
| 7) Chloroethane-d5            | 1.919  | 69    | 63633    | 5.32     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 106.40%  |
| 11) 1,1-Dichloroethene-d2     | 2.571  | 65    | 36725    | 5.17     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 103.40%  |
| 20) 2-Butanone-d5             | 4.649  | 46    | 164772   | 50.60    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 101.20%  |
| 24) Chloroform-d              | 5.073  | 84    | 145088   | 5.21     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 104.20%  |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 74341    | 5.21     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 104.20%  |
| 32) Benzene-d6                | 5.735  | 84    | 305859   | 5.22     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 104.40%  |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 98636    | 5.28     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 105.60%  |
| 41) Toluene-d8                | 7.906  | 98    | 259735   | 4.80     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 96.00%   |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79    | 34681    | 5.00     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 100.00%  |
| 46) 2-Hexanone-d5             | 8.645  | 63    | 160848   | 51.50    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 103.00%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 76036    | 4.96     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 99.20%   |
| 66) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 96812    | 5.29     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 105.80%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 16) Methylene chloride        | 3.054  | 84    | 4688     | 0.21     | ug/L   | 97       |
| 35) Methylcyclohexane         | 6.700  | 83    | 22048    | 0.83     | ug/L # | 17       |
| 37) 1,2-Dichloropropane       | 6.700  | 63    | 9690     | 0.55     | ug/L # | 88       |
| 42) Toluene                   | 7.976  | 91    | 4330     | 0.06     | ug/L   | 98       |
| 48) 2-Hexanone                | 8.693  | 43    | 7128     | 0.86     | ug/L # | 87       |
| 61) 1,2,3-Trichloropropane    | 11.819 | 75    | 12641    | 1.21     | ug/L # | 68       |
| 70) 1,2,4-trichlorobenzene    | 13.848 | 180   | 1305     | 0.06     | ug/L   | 97       |
| 71) Naphthalene               | 14.095 | 128   | 3113     | 0.09     | ug/L   | 97       |
| 72) 1,2,3-Trichlorobenzene    | 14.339 | 180   | 1244     | 0.06     | ug/L # | 94       |
| -----                         |        |       |          |          |        |          |

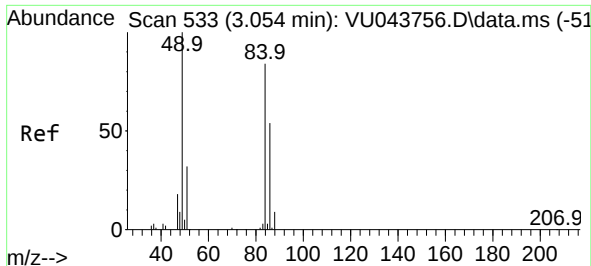
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU051521\  
Data File : VU043762.D  
Acq On : 14 May 2021 18:14  
Operator : SY/MD  
Sample : VU0515WBL01  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :

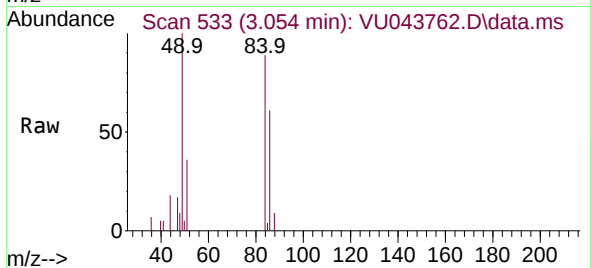
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR051521WMA.M  
Quant Title : TRACE VOA SFAM1.0  
QLast Update : Sat May 15 00:49:19 2021  
Response via : Initial Calibration



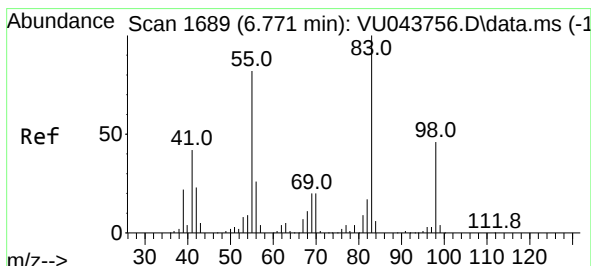
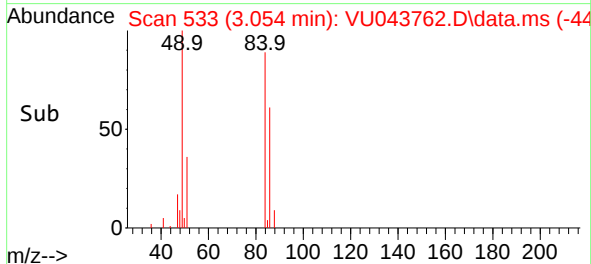
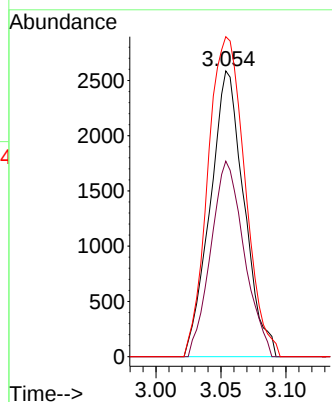


#16  
Methylene chloride  
Concen: 0.21 ug/L  
RT: 3.054 min Scan# 533  
Delta R.T. -0.000 min  
Lab File: VU043762.D  
Acq: 14 May 2021 18:14

Instrument :  
MSVOA\_U  
ClientSampleId :

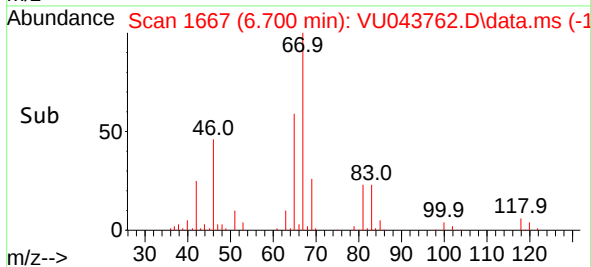
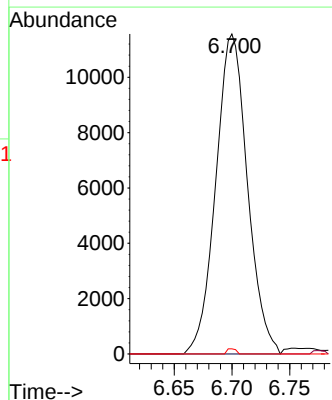
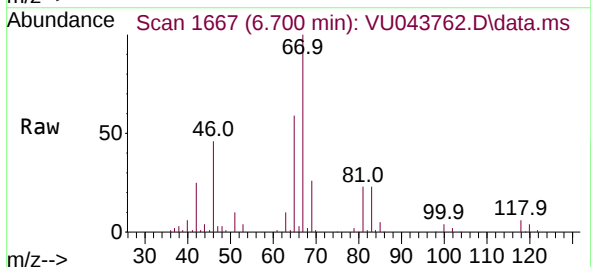


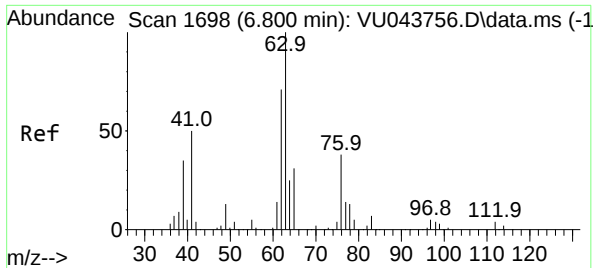
Tgt Ion: 84 Resp: 4688  
Ion Ratio Lower Upper  
84 100  
86 68.4 44.7 82.9  
49 117.8 83.1 154.3



#35  
Methylcyclohexane  
Concen: 0.83 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.071 min  
Lab File: VU043762.D  
Acq: 14 May 2021 18:14

Tgt Ion: 83 Resp: 22048  
Ion Ratio Lower Upper  
83 100  
55 0.4 64.8 97.2#  
98 0.5 35.9 53.9#



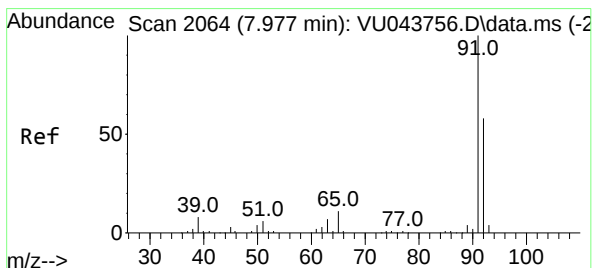
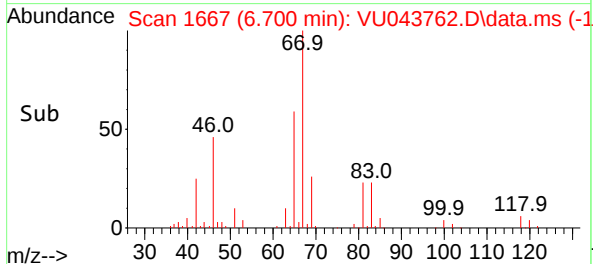
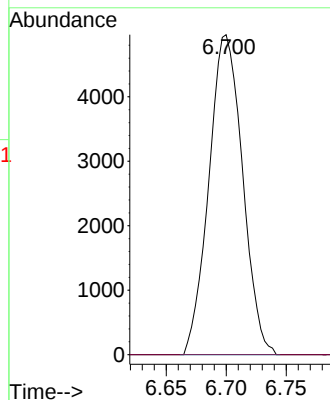
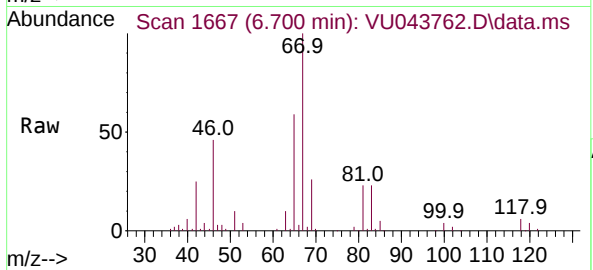


#37

1,2-Dichloropropane  
Concen: 0.55 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.100 min  
Lab File: VU043762.D  
Acq: 14 May 2021 18:14

Instrument :  
MSVOA\_U  
ClientSampleId :

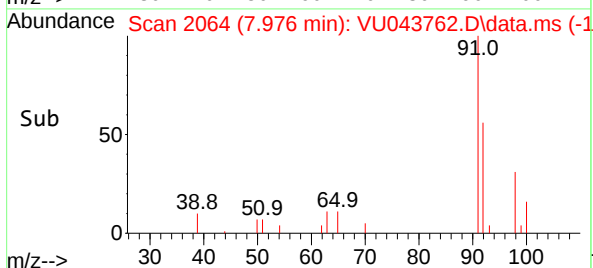
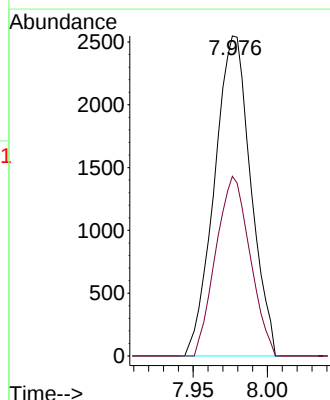
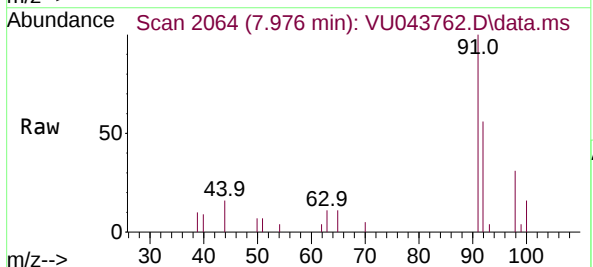
Tgt Ion: 63 Resp: 9690  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.3 4.9#

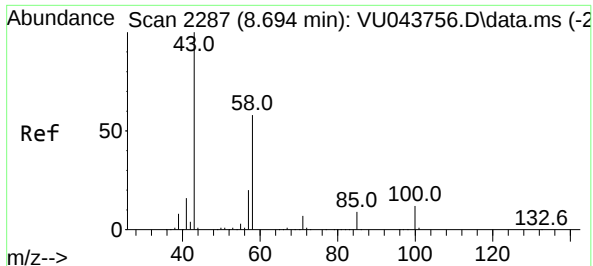


#42

Toluene  
Concen: 0.06 ug/L  
RT: 7.976 min Scan# 2064  
Delta R.T. -0.000 min  
Lab File: VU043762.D  
Acq: 14 May 2021 18:14

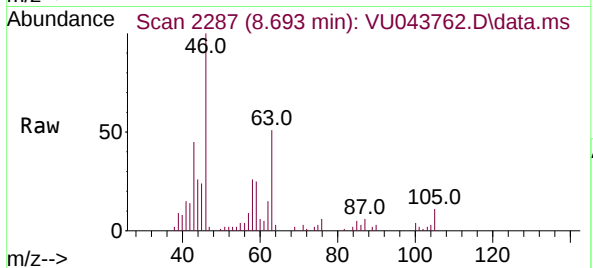
Tgt Ion: 91 Resp: 4330  
Ion Ratio Lower Upper  
91 100  
92 56.2 40.3 74.8



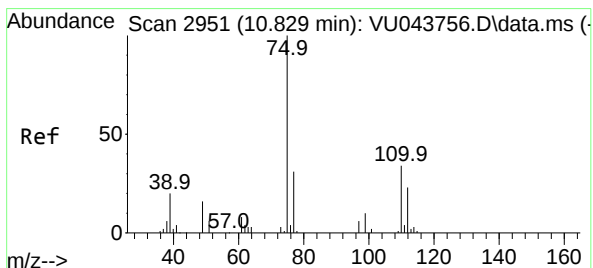
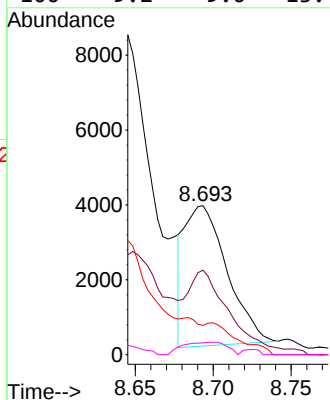
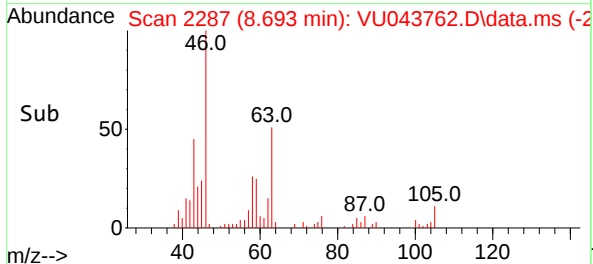


#48  
2-Hexanone  
Concen: 0.86 ug/L  
RT: 8.693 min Scan# 2287  
Delta R.T. -0.000 min  
Lab File: VU043762.D  
Acq: 14 May 2021 18:14

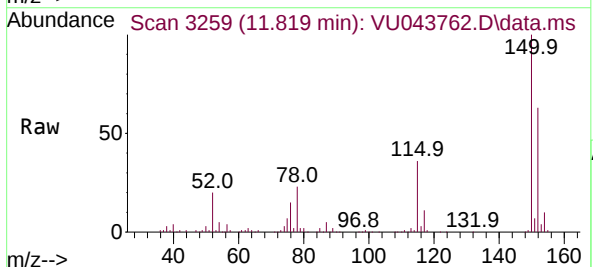
Instrument :  
MSVOA\_U  
ClientSampled :



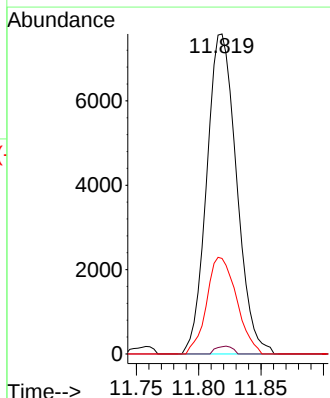
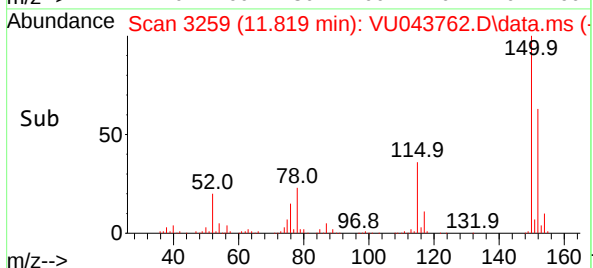
|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 7128  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 62.1  | 47.0  | 70.4  |
| 57       | 0.0   | 15.8  | 23.8# |
| 100      | 9.2   | 9.0   | 13.4  |

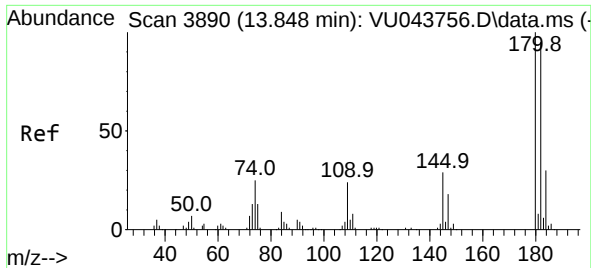


#61  
1,2,3-Trichloropropane  
Concen: 1.21 ug/L  
RT: 11.819 min Scan# 3259  
Delta R.T. 0.990 min  
Lab File: VU043762.D  
Acq: 14 May 2021 18:14



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 12641 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 1.4   | 27.9  | 41.9# |
| 77       | 30.3  | 25.9  | 38.9  |

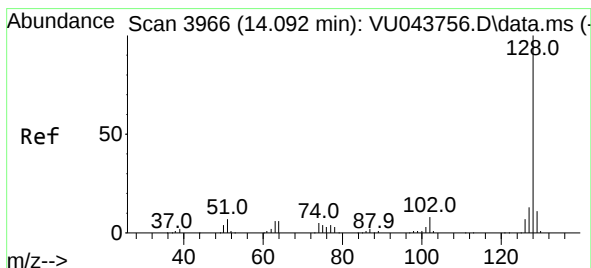
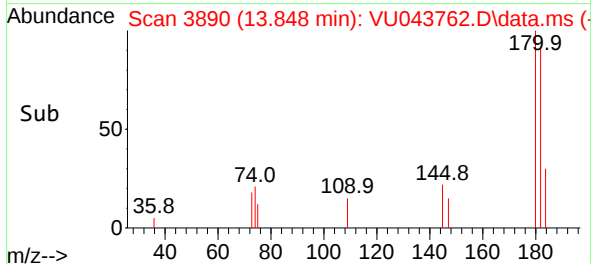
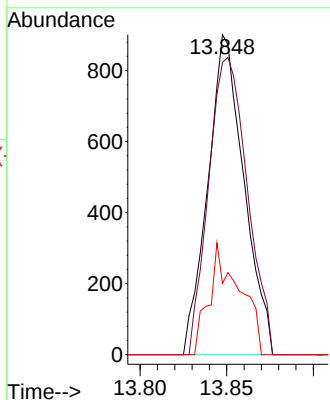
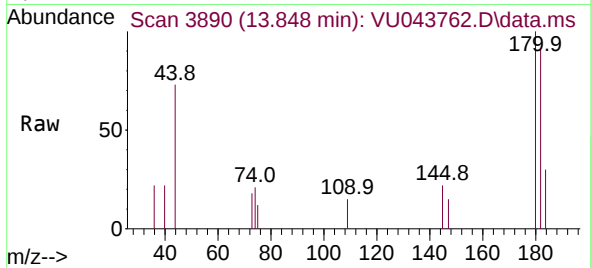




#70  
1,2,4-trichlorobenzene  
Concen: 0.06 ug/L  
RT: 13.848 min Scan# 3890  
Delta R.T. -0.000 min  
Lab File: VU043762.D  
Acq: 14 May 2021 18:14

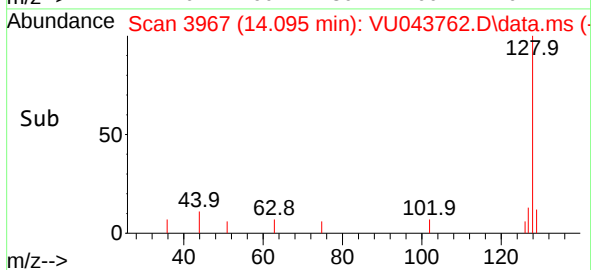
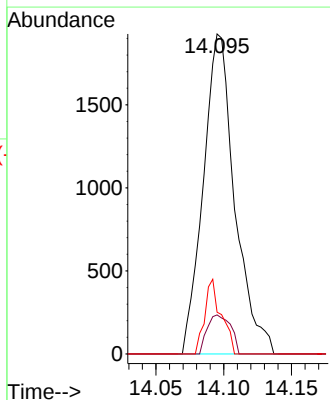
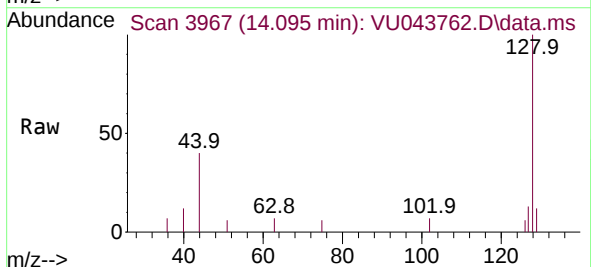
Instrument :  
MSVOA\_U  
ClientSampled :

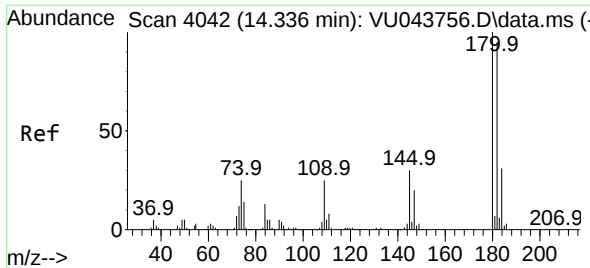
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|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 1305  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 99.8  | 76.9  | 115.3 |
| 145       | 29.5  | 23.0  | 34.4  |



#71  
Naphthalene  
Concen: 0.09 ug/L  
RT: 14.095 min Scan# 3967  
Delta R.T. 0.003 min  
Lab File: VU043762.D  
Acq: 14 May 2021 18:14

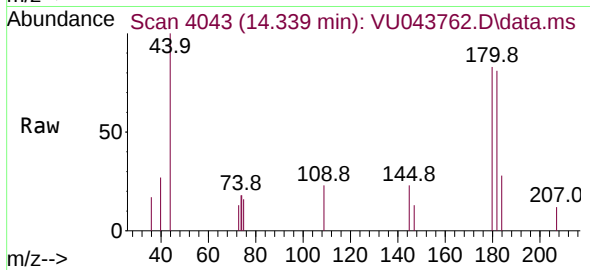
|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 128   | Resp: | 3113 |
| Ion Ratio | Lower | Upper |      |
| 128       | 100   |       |      |
| 129       | 9.1   | 8.7   | 13.1 |
| 127       | 12.2  | 10.2  | 15.4 |





#72  
 1,2,3-Trichlorobenzene  
 Concen: 0.06 ug/L  
 RT: 14.339 min Scan# 4043  
 Delta R.T. 0.003 min  
 Lab File: VU043762.D  
 Acq: 14 May 2021 18:14

Instrument :  
 MSVOA\_U  
 ClientSampleId :



|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 180   | Resp: | 1244  |
| Ion Ratio | Lower | Upper |       |
| 180       | 100   |       |       |
| 182       | 99.8  | 77.0  | 115.4 |
| 145       | 22.5  | 24.6  | 36.8# |

