

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU052021\  
 Data File : VU043835.D  
 Acq On : 19 May 2021 18:37  
 Operator : SY/MD  
 Sample : M2464-01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 GB3Y6

Quant Time: May 20 03:56:57 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR051521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu May 20 03:54:53 2021  
 Response via : Initial Calibration

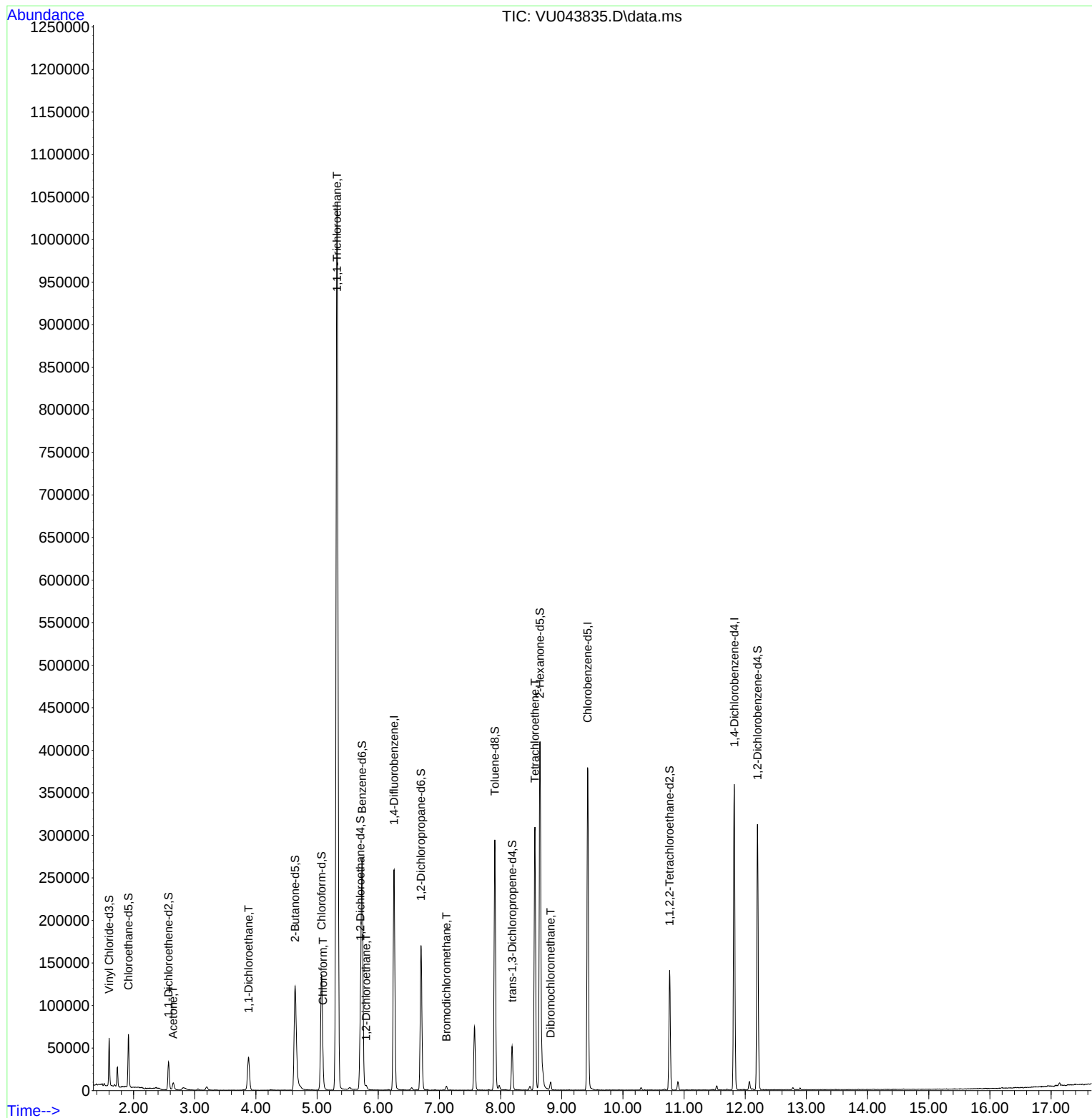
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.259  | 114   | 217559   | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 221688   | 5.00     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.822 | 152   | 101935   | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65    | 39311    | 2.45     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 49.00%   |
| 7) Chloroethane-d5            | 1.915  | 69    | 43438    | 3.88     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 77.60%   |
| 11) 1,1-Dichloroethene-d2     | 2.571  | 65    | 6286     | 0.94     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 18.80%#  |
| 20) 2-Butanone-d5             | 4.639  | 46    | 187436   | 61.45    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 122.90%  |
| 24) Chloroform-d              | 5.073  | 84    | 128574   | 4.93     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 98.60%   |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65    | 65646    | 4.91     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 98.20%   |
| 32) Benzene-d6                | 5.735  | 84    | 259180   | 4.60     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.00%   |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 85370    | 4.76     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 95.20%   |
| 41) Toluene-d8                | 7.906  | 98    | 197867   | 3.81     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 76.20%   |
| 43) trans-1,3-Dichloroprop... | 8.188  | 79    | 29299    | 4.40     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 88.00%   |
| 46) 2-Hexanone-d5             | 8.642  | 63    | 148240   | 49.41    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 98.82%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 69299    | 4.71     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 94.20%   |
| 66) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 87554    | 5.15     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 103.00%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 13) Acetone                   | 2.645  | 43    | 11404    | 5.89     | ug/L   | 100      |
| 19) 1,1-Dichloroethane        | 3.880  | 63    | 44636    | 1.64     | ug/L   | 98       |
| 25) Chloroform                | 5.095  | 83    | 5494     | 0.20     | ug/L   | 93       |
| 27) 1,2-Dichloroethane        | 5.803  | 62    | 2959     | 0.18     | ug/L # | 91       |
| 29) 1,1,1-Trichloroethane     | 5.327  | 97    | 770510   | 33.33    | ug/L   | 98       |
| 38) Bromodichloromethane      | 7.115  | 83    | 3409     | 0.17     | ug/L   | 92       |
| 47) Tetrachloroethene         | 8.561  | 164   | 73646    | 5.54     | ug/L   | 98       |
| 49) Dibromochloromethane      | 8.819  | 129   | 4877     | 0.36     | ug/L   | 96       |
| -----                         |        |       |          |          |        |          |

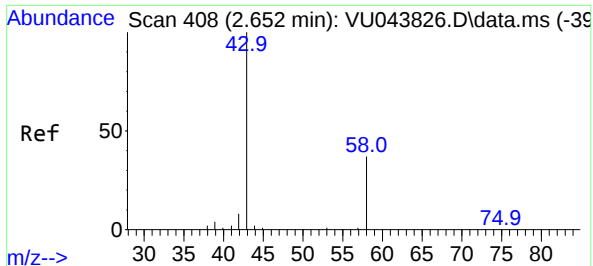
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu May 20 03:54:53 2021  
Response via : Initial Calibration

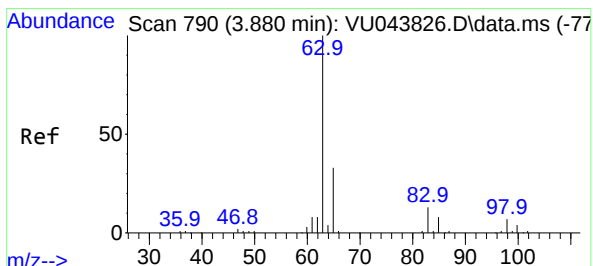
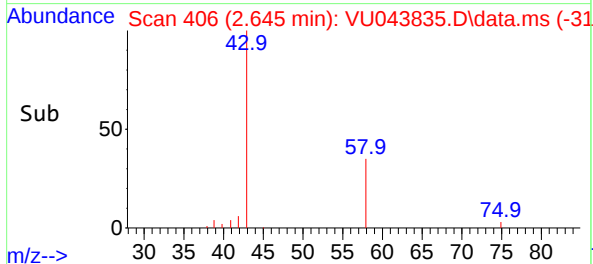
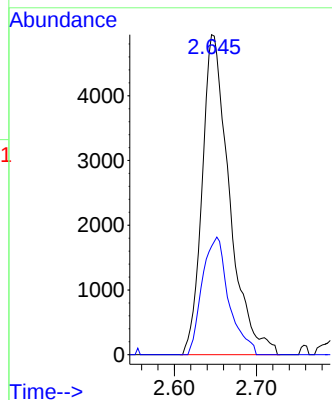
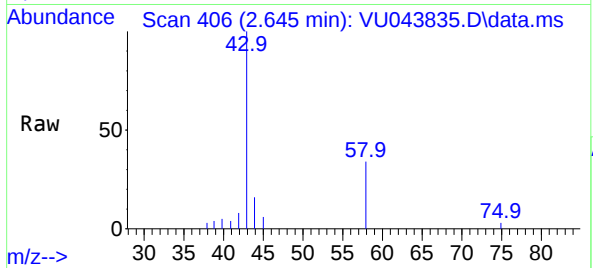




#13  
Acetone  
Concen: 5.89 ug/L  
RT: 2.645 min Scan# 406  
Delta R.T. -0.007 min  
Lab File: VU043835.D  
Acq: 19 May 2021 18:37

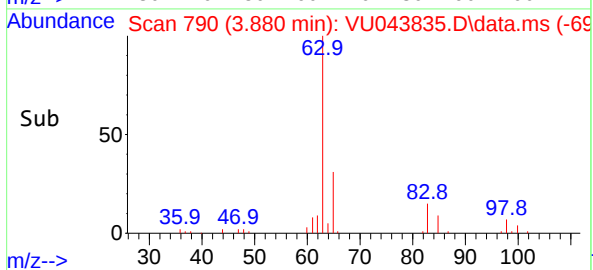
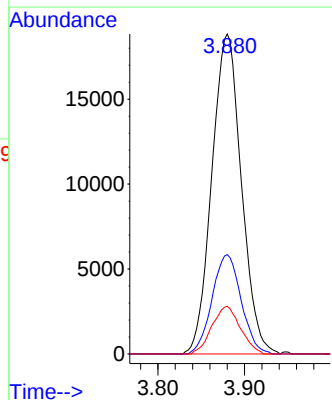
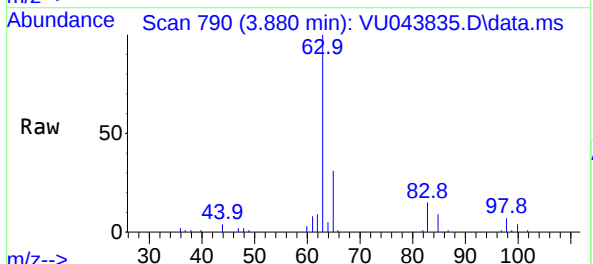
Instrument :  
MSVOA\_U  
ClientSampleId :  
GB3Y6

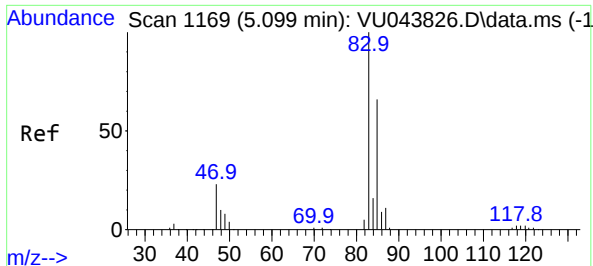
Tgt Ion: 43 Resp: 11404  
Ion Ratio Lower Upper  
43 100  
58 35.9 0.0 71.6



#19  
1,1-Dichloroethane  
Concen: 1.64 ug/L  
RT: 3.880 min Scan# 790  
Delta R.T. -0.000 min  
Lab File: VU043835.D  
Acq: 19 May 2021 18:37

Tgt Ion: 63 Resp: 44636  
Ion Ratio Lower Upper  
63 100  
65 31.9 22.3 41.3  
83 14.9 9.0 16.8

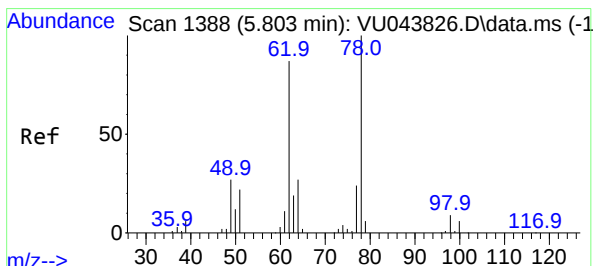
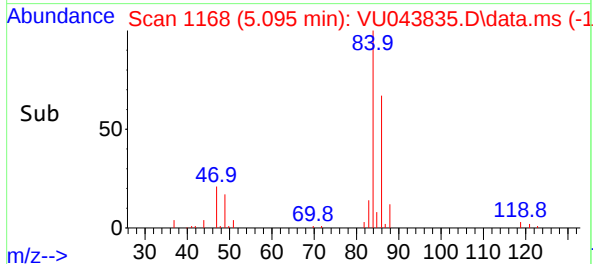
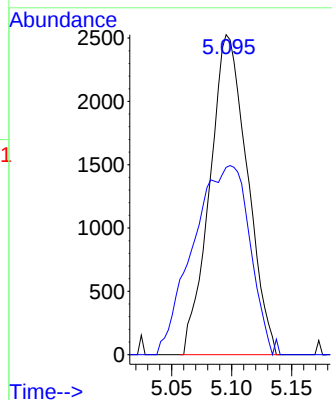
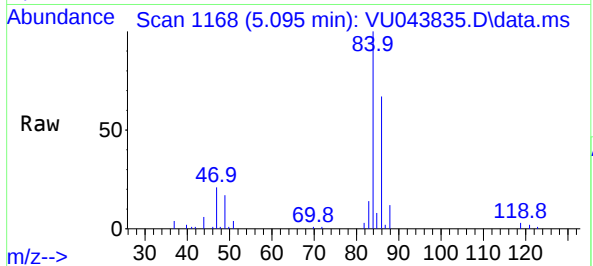




#25  
Chloroform  
Concen: 0.20 ug/L  
RT: 5.095 min Scan# 1168  
Delta R.T. -0.003 min  
Lab File: VU043835.D  
Acq: 19 May 2021 18:37

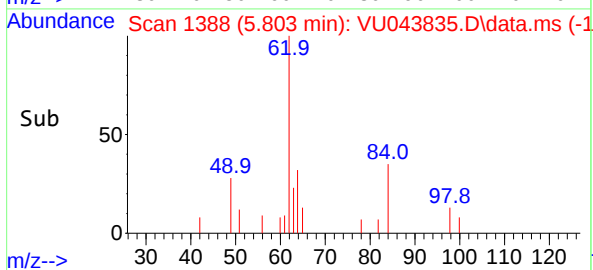
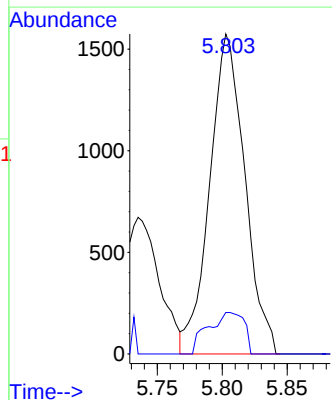
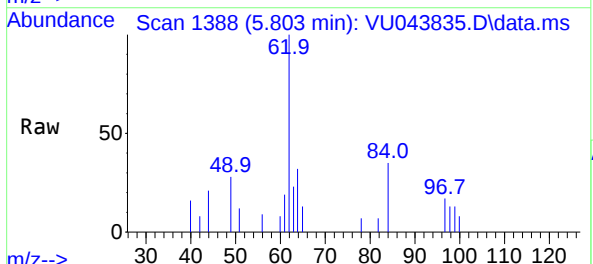
Instrument :  
MSVOA\_U  
ClientSampleId :  
GB3Y6

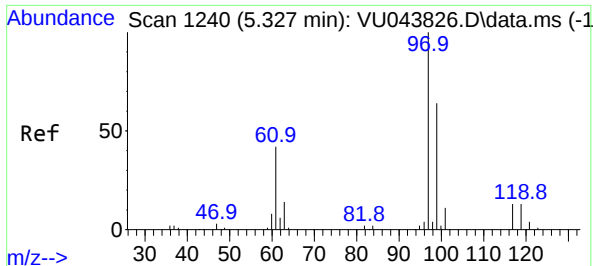
Tgt Ion: 83 Resp: 5494  
Ion Ratio Lower Upper  
83 100  
85 58.6 45.0 83.6



#27  
1,2-Dichloroethane  
Concen: 0.18 ug/L  
RT: 5.803 min Scan# 1388  
Delta R.T. -0.000 min  
Lab File: VU043835.D  
Acq: 19 May 2021 18:37

Tgt Ion: 62 Resp: 2959  
Ion Ratio Lower Upper  
62 100  
98 13.0 7.7 11.5#



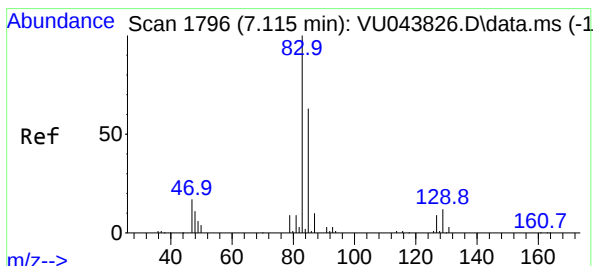
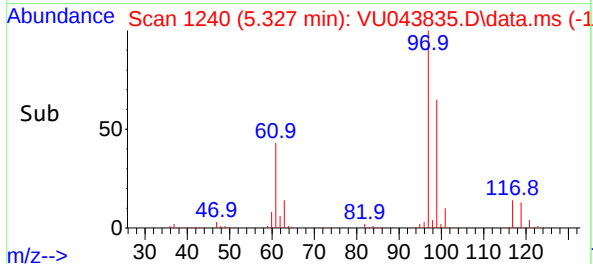
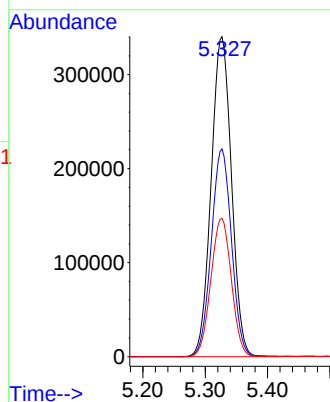
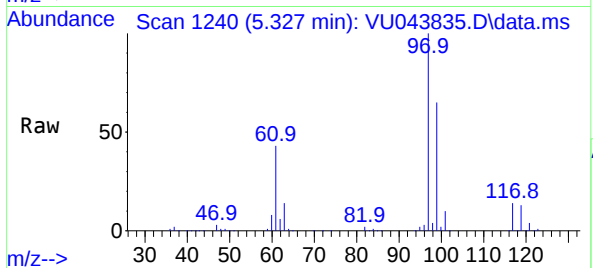


#29  
1,1,1-Trichloroethane  
Concen: 33.33 ug/L  
RT: 5.327 min Scan# 1240  
Delta R.T. -0.000 min  
Lab File: VU043835.D  
Acq: 19 May 2021 18:37

Instrument :  
MSVOA\_U  
ClientSampleId :  
GB3Y6

Tgt Ion: 97 Resp: 770510

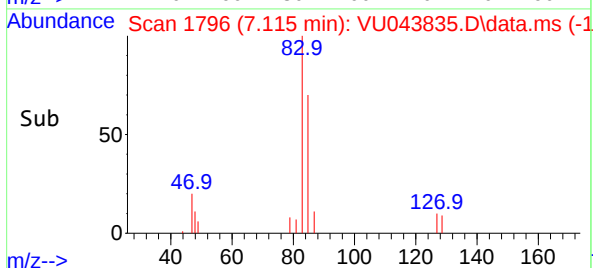
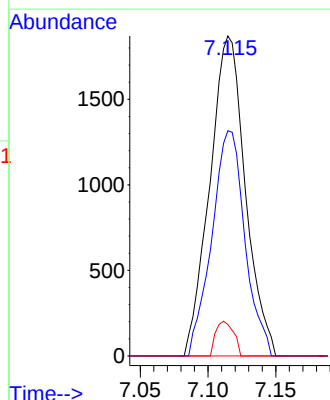
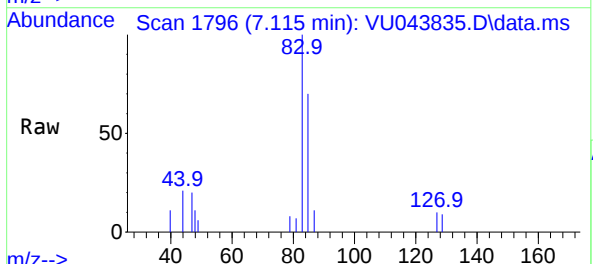
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 99  | 64.7  | 51.1  | 76.7  |
| 61  | 43.5  | 37.0  | 55.4  |

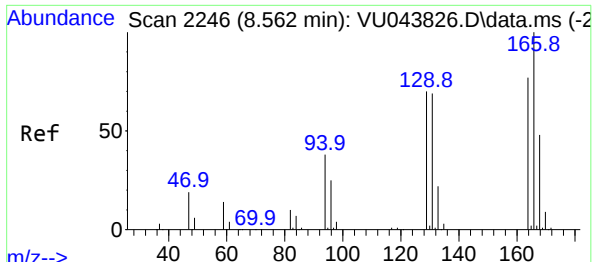


#38  
Bromodichloromethane  
Concen: 0.17 ug/L  
RT: 7.115 min Scan# 1796  
Delta R.T. -0.000 min  
Lab File: VU043835.D  
Acq: 19 May 2021 18:37

Tgt Ion: 83 Resp: 3409

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 70.4  | 44.6  | 82.8  |
| 127 | 9.8   | 7.0   | 10.4  |



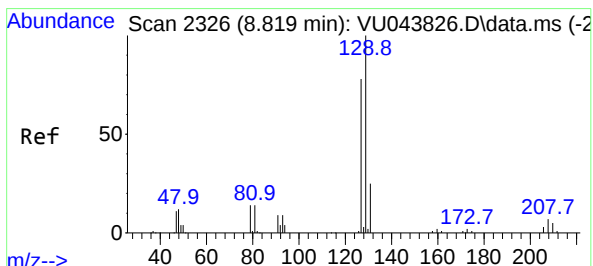
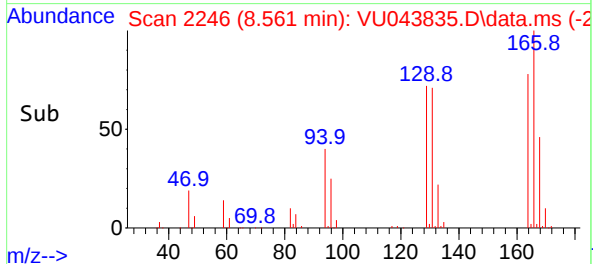
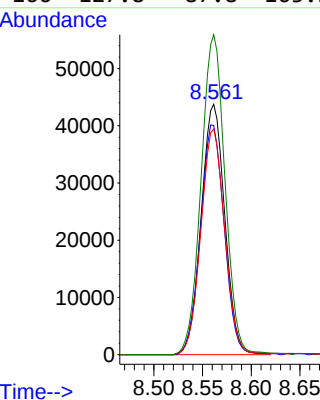
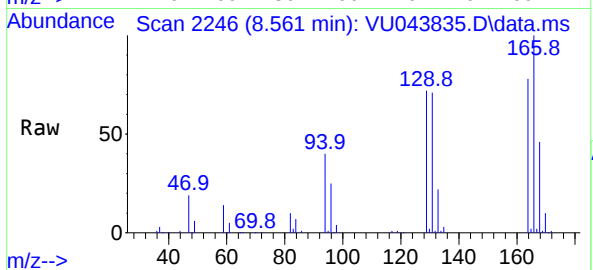


#47  
Tetrachloroethene  
Concen: 5.54 ug/L  
RT: 8.561 min Scan# 2246  
Delta R.T. -0.000 min  
Lab File: VU043835.D  
Acq: 19 May 2021 18:37

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Tgt Ion:164 Resp: 73646

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 164 | 100   |       |       |
| 129 | 91.6  | 64.1  | 119.1 |
| 131 | 90.2  | 61.2  | 113.8 |
| 166 | 127.8 | 87.8  | 163.2 |



#49  
Dibromochloromethane  
Concen: 0.36 ug/L  
RT: 8.819 min Scan# 2326  
Delta R.T. -0.000 min  
Lab File: VU043835.D  
Acq: 19 May 2021 18:37

Tgt Ion:129 Resp: 4877

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 129 | 100   |       |       |
| 127 | 79.7  | 53.4  | 99.2  |

