

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031921\  
 Data File : VU042728.D  
 Acq On : 19 Mar 2021 18:13  
 Operator : SY/MD  
 Sample : M1743-04  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETZD5

Quant Time: Mar 20 05:53:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SOMUTR030221WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Sat Mar 20 05:47:33 2021  
 Response via : Initial Calibration

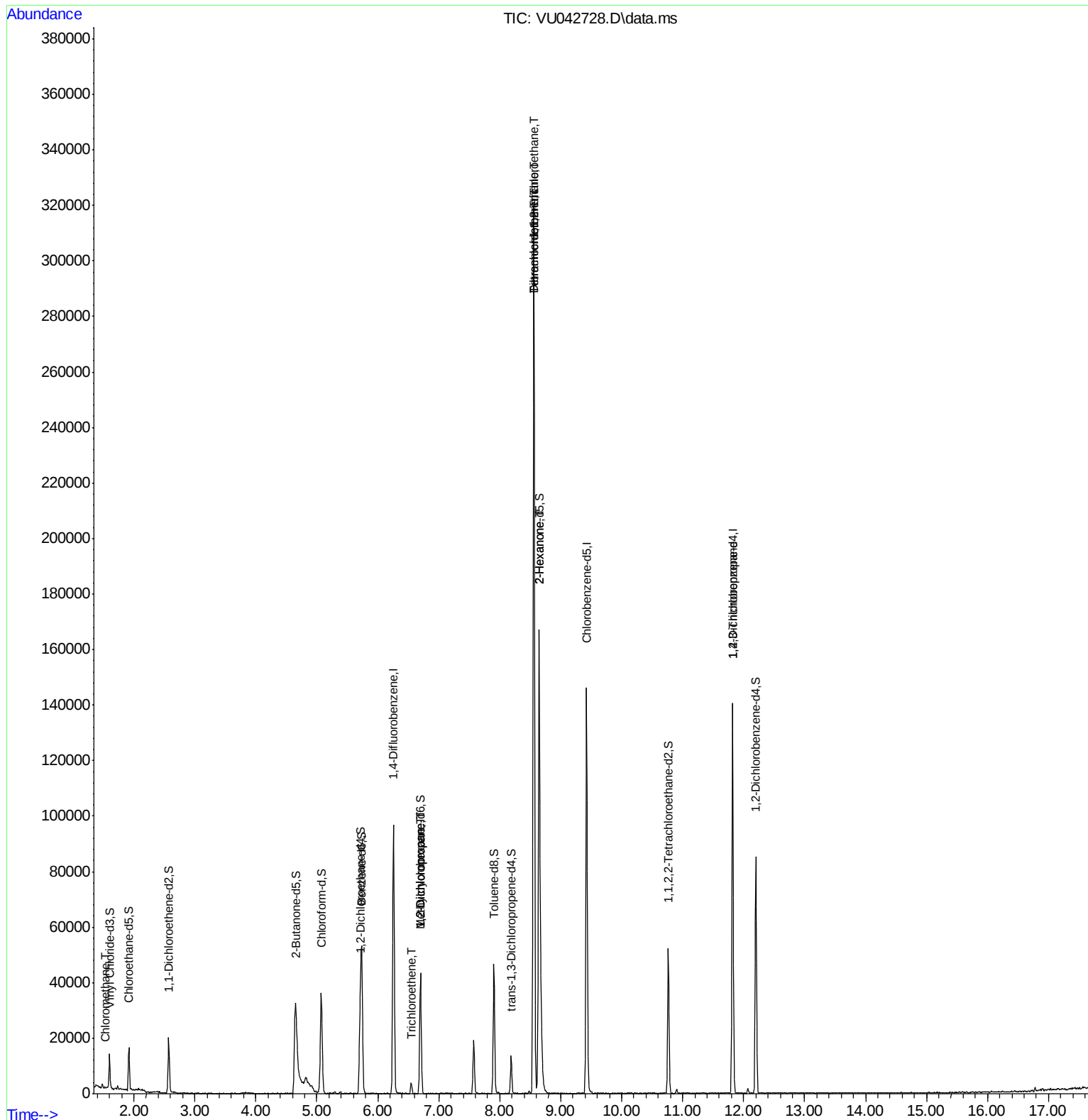
| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114   | 74436    | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 74019    | 5.00     | ug/L   | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 35239    | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.601  | 65    | 8223     | 1.66     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 33.20%#  |
| 7) Chloroethane-d5            | 1.919  | 69    | 9802     | 2.61     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 52.20%#  |
| 11) 1,1-Dichloroethene-d2     | 2.572  | 63    | 12863    | 1.15     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 23.00%#  |
| 20) 2-Butanone-d5             | 4.652  | 46    | 72743    | 44.65    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 89.30%   |
| 24) Chloroform-d              | 5.073  | 84    | 32044    | 3.27     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 65.40%#  |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65    | 21789    | 3.61     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 72.20%   |
| 32) Benzene-d6                | 5.736  | 84    | 40819    | 2.25     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 45.00%#  |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 18476    | 3.16     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 63.20%   |
| 41) Toluene-d8                | 7.906  | 98    | 29307    | 1.65     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 33.00%#  |
| 43) trans-1,3-Dichloroprop... | 8.189  | 79    | 6904     | 2.52     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 50.40%#  |
| 46) 2-Hexanone-d5             | 8.645  | 63    | 65128    | 49.73    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 99.46%   |
| 57) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 24686    | 4.73     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 94.60%   |
| 64) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 21104    | 3.30     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 66.00%#  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 3) Chloromethane              | 1.523  | 50    | 304      | 0.05     | ug/L # | 42       |
| 34) Trichloroethene           | 6.552  | 95    | 1177     | 0.18     | ug/L   | 88       |
| 35) Methylcyclohexane         | 6.697  | 83    | 4273     | 0.44     | ug/L # | 14       |
| 37) 1,2-Dichloropropane       | 6.700  | 63    | 2454     | 0.39     | ug/L # | 87       |
| 45) 1,1,2-Trichloroethane     | 8.555  | 97    | 608      | 0.13     | ug/L # | 1        |
| 47) Tetrachloroethene         | 8.559  | 164   | 67100    | 12.82    | ug/L   | 99       |
| 48) 2-Hexanone                | 8.645  | 43    | 10765    | 2.68     | ug/L # | 68       |
| 49) Dibromochloromethane      | 8.559  | 129   | 60708    | 10.52    | ug/L # | 12       |
| 59) 1,2,3-Trichloropropane    | 11.819 | 75    | 4458     | 0.95     | ug/L # | 85       |
| -----                         |        |       |          |          |        |          |

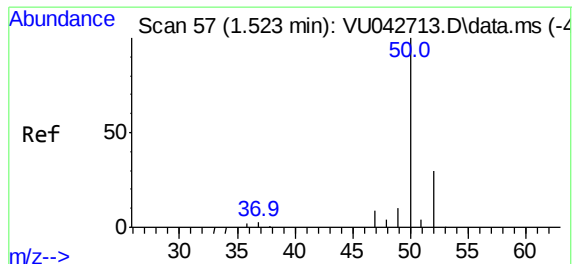
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0  
QLast Update : Sat Mar 20 05:47:33 2021  
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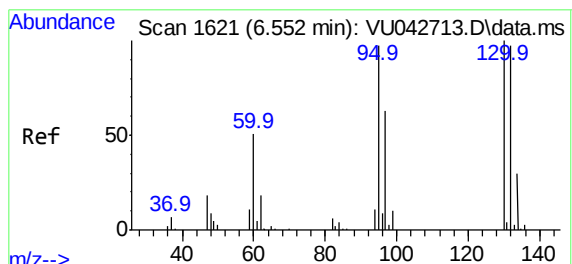
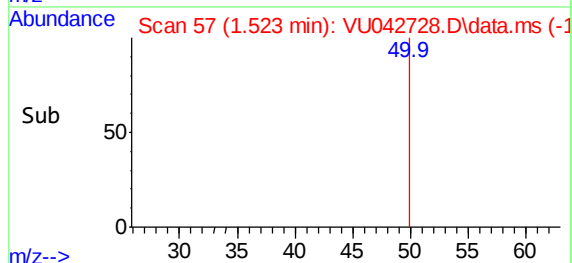
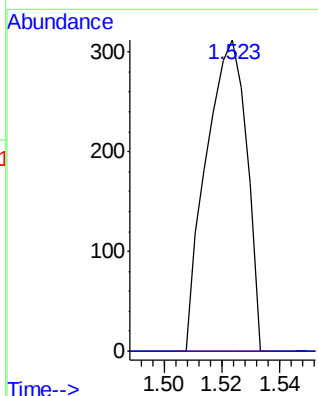
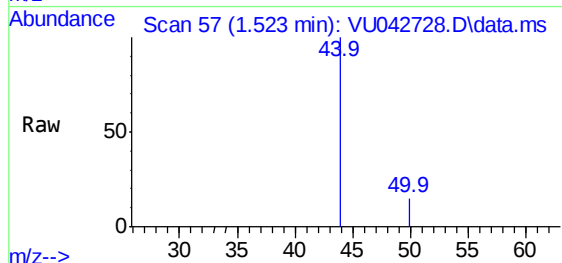




#3  
Chloromethane  
Concen: 0.05 ug/L  
RT: 1.523 min Scan# 57  
Delta R.T. 0.000 min  
Lab File: VU042728.D  
Acq: 19 Mar 2021 18:13

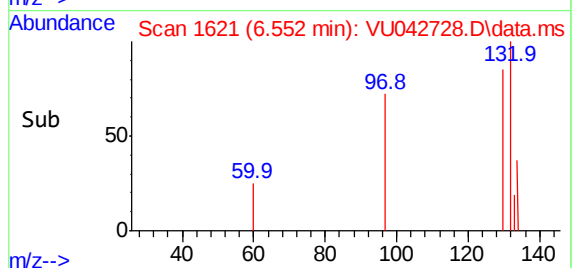
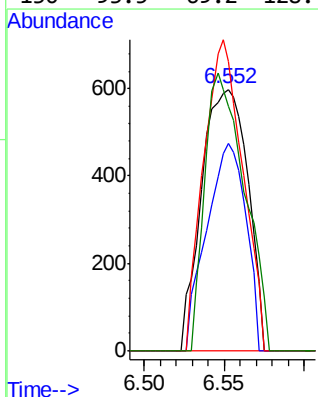
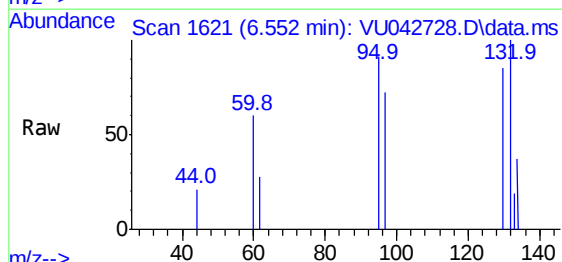
Instrument :  
MSVOA\_U  
ClientSampleId :  
ETZD5

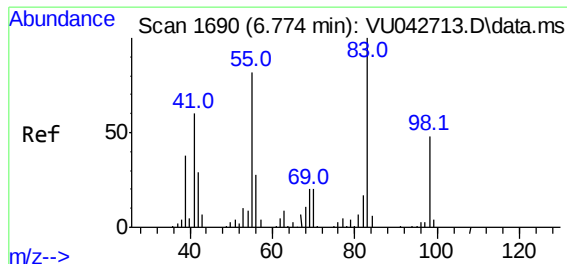
Tgt Ion: 50 Resp: 304  
Ion Ratio Lower Upper  
50 100  
52 0.0 23.0 42.8#



#34  
Trichloroethene  
Concen: 0.18 ug/L  
RT: 6.552 min Scan# 1621  
Delta R.T. 0.000 min  
Lab File: VU042728.D  
Acq: 19 Mar 2021 18:13

Tgt Ion: 95 Resp: 1177  
Ion Ratio Lower Upper  
95 100  
97 79.5 44.4 82.4  
132 110.4 68.0 126.4  
130 93.5 69.2 128.4

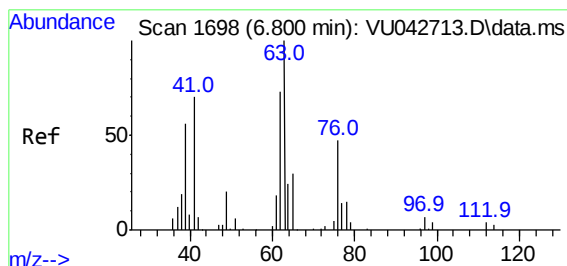
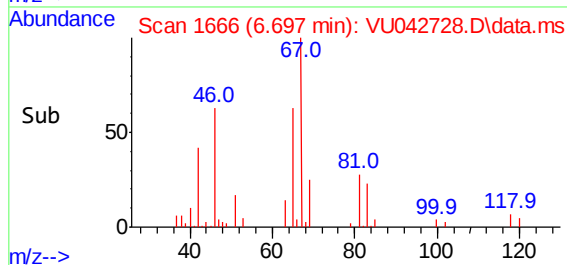
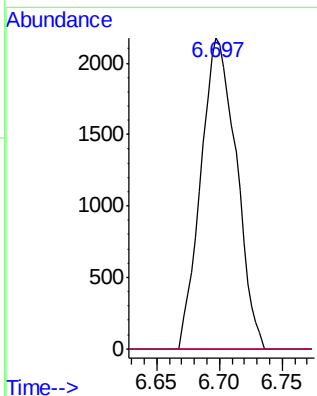
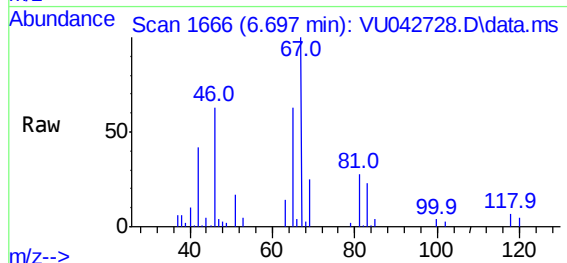




#35  
Methylcyclohexane  
Concen: 0.44 ug/L  
RT: 6.697 min Scan# 1666  
Delta R.T. -0.077 min  
Lab File: VU042728.D  
Acq: 19 Mar 2021 18:13

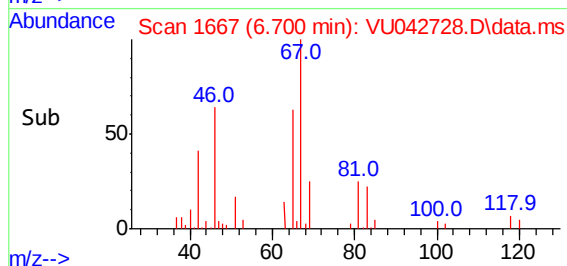
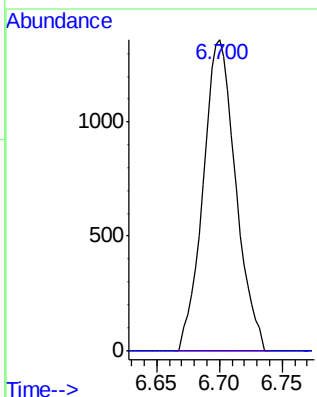
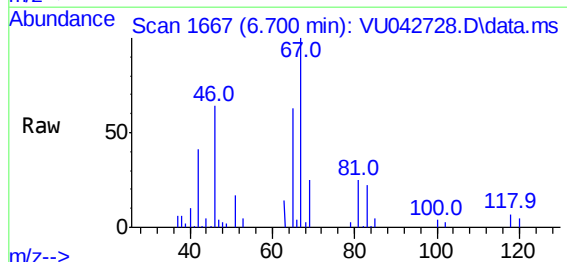
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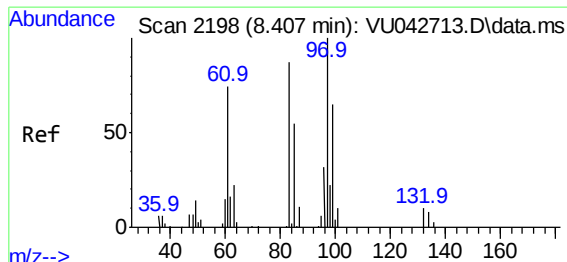
Tgt Ion: 83 Resp: 4273  
Ion Ratio Lower Upper  
83 100  
55 0.0 68.2 102.4#  
98 0.0 39.7 59.5#



#37  
1,2-Dichloropropane  
Concen: 0.39 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.099 min  
Lab File: VU042728.D  
Acq: 19 Mar 2021 18:13

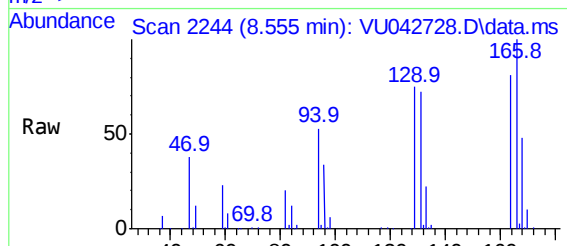
Tgt Ion: 63 Resp: 2454  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.4 5.0#



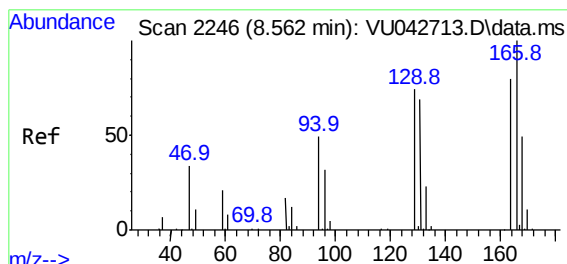
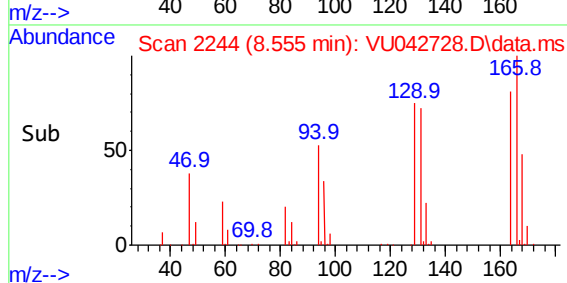
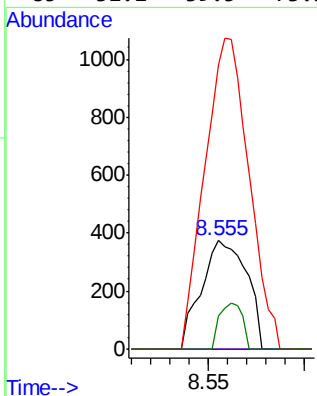


#45  
1,1,2-Trichloroethane  
Concen: 0.13 ug/L  
RT: 8.555 min Scan# 2244  
Delta R.T. 0.148 min  
Lab File: VU042728.D  
Acq: 19 Mar 2021 18:13

Instrument :  
MSVOA\_U  
ClientSampled :  
ETZD5

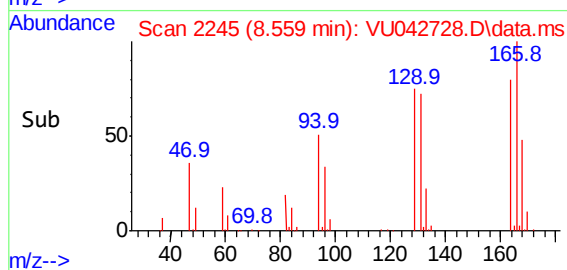
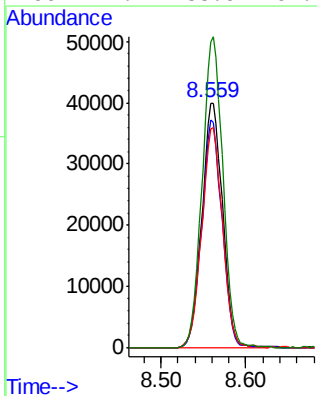
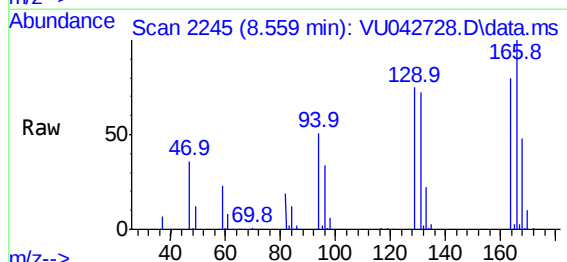


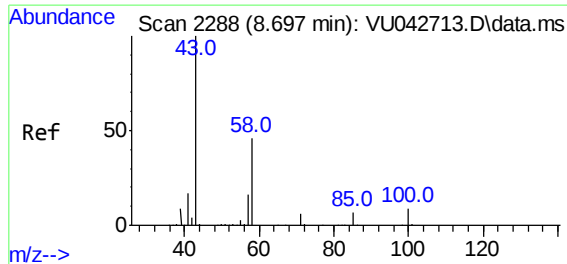
Tgt Ion: 97 Resp: 608  
Ion Ratio Lower Upper  
97 100  
99 0.0 44.0 81.8#  
83 263.0 57.6 107.0#  
85 31.1 39.5 73.3#



#47  
Tetrachloroethene  
Concen: 12.82 ug/L  
RT: 8.559 min Scan# 2245  
Delta R.T. -0.003 min  
Lab File: VU042728.D  
Acq: 19 Mar 2021 18:13

Tgt Ion: 164 Resp: 67100  
Ion Ratio Lower Upper  
164 100  
129 93.2 64.3 119.5  
131 89.5 62.2 115.6  
166 124.9 88.6 164.6

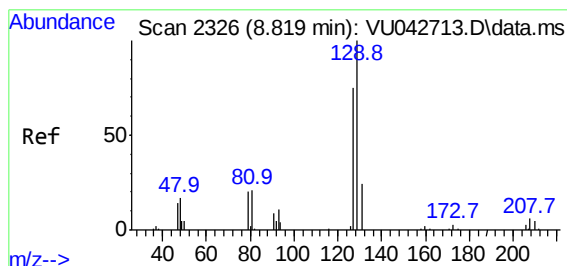
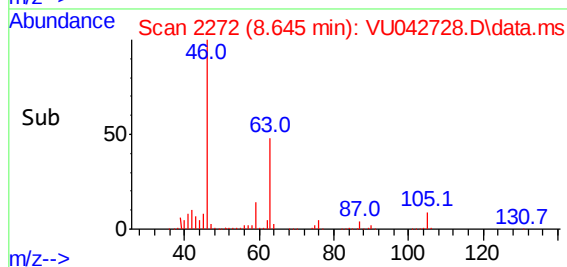
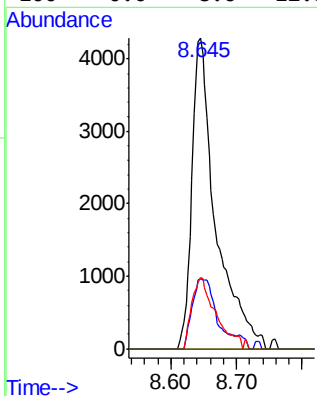
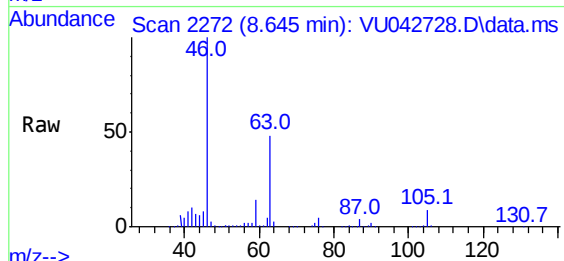




#48  
2-Hexanone  
Concen: 2.68 ug/L  
RT: 8.645 min Scan# 2272  
Delta R.T. -0.051 min  
Lab File: VU042728.D  
Acq: 19 Mar 2021 18:13

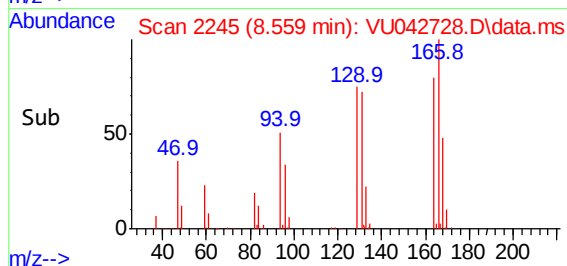
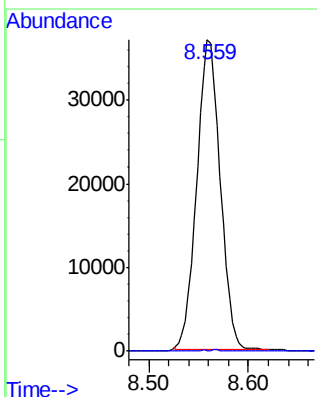
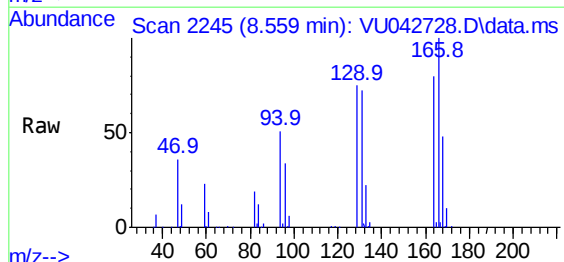
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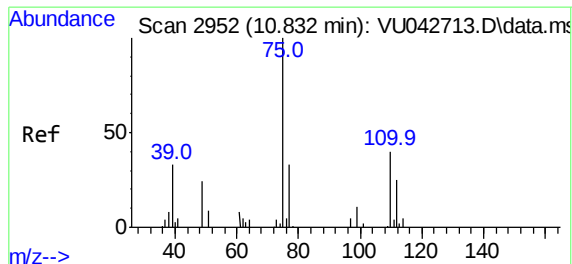
Tgt Ion: 43 Resp: 10765  
Ion Ratio Lower Upper  
43 100  
58 23.0 40.6 61.0#  
57 23.2 14.9 22.3#  
100 0.0 8.6 12.8#



#49  
Dibromochloromethane  
Concen: 10.52 ug/L  
RT: 8.559 min Scan# 2245  
Delta R.T. -0.260 min  
Lab File: VU042728.D  
Acq: 19 Mar 2021 18:13

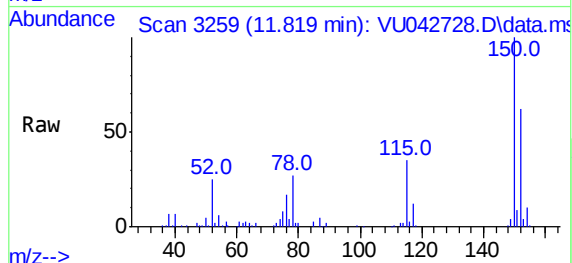
Tgt Ion: 129 Resp: 60708  
Ion Ratio Lower Upper  
129 100  
127 0.0 52.3 97.1#





#59  
 1,2,3-Trichloropropane  
 Concen: 0.95 ug/L  
 RT: 11.819 min Scan# 3259  
 Delta R.T. 0.987 min  
 Lab File: VU042728.D  
 Acq: 19 Mar 2021 18:13

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETZD5



Tgt Ion: 75 Resp: 4458  
 Ion Ratio Lower Upper  
 75 100  
 77 40.7 26.0 39.0#

