

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031921\  
 Data File : VU042724.D  
 Acq On : 19 Mar 2021 16:37  
 Operator : SY/MD  
 Sample : M1744-06MS  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 ETZF6MS

Quant Time: Mar 20 05:51:55 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

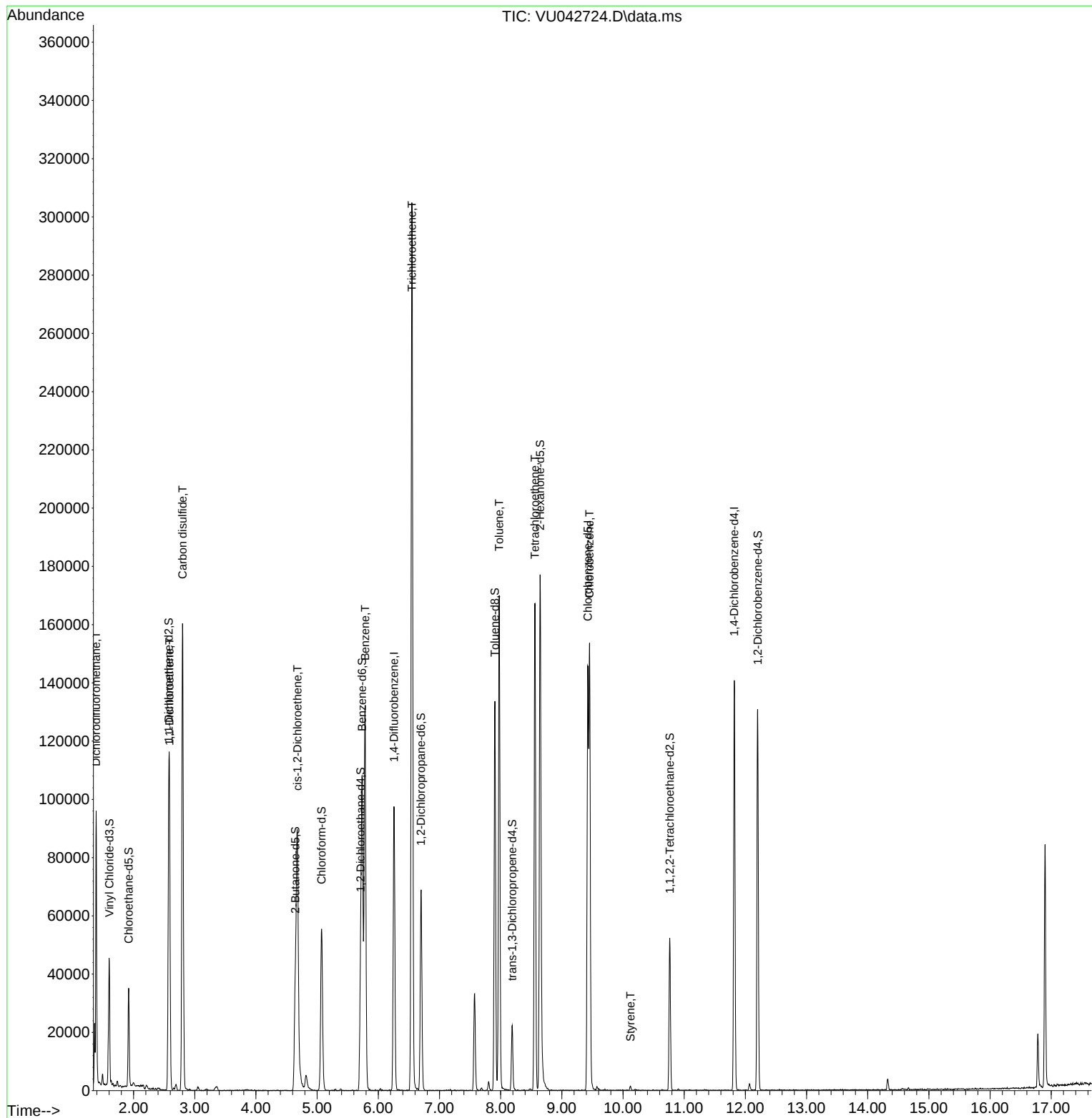
| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114   | 74303    | 5.00     | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 72152    | 5.00     | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 35145    | 5.00     | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 26076    | 5.26     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 105.20%  |
| 7) Chloroethane-d5            | 1.919  | 69    | 22686    | 6.05     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 121.00%  |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 63    | 53558    | 4.79     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 95.80%   |
| 20) 2-Butanone-d5             | 4.646  | 46    | 85045    | 52.29    | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 104.58%  |
| 24) Chloroform-d              | 5.073  | 84    | 48417    | 4.94     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 98.80%   |
| 26) 1,2-Dichloroethane-d4     | 5.710  | 65    | 31289    | 5.19     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 103.80%  |
| 32) Benzene-d6                | 5.735  | 84    | 88729    | 5.02     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 100.40%  |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 28589    | 5.01     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 100.20%  |
| 41) Toluene-d8                | 7.906  | 98    | 82531    | 4.78     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 95.60%   |
| 43) trans-1,3-Dichloroprop... | 8.189  | 79    | 11166    | 4.19     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 83.80%   |
| 46) 2-Hexanone-d5             | 8.645  | 63    | 61236    | 47.97    | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 95.94%   |
| 57) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 23700    | 4.66     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 93.20%   |
| 64) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 32549    | 5.11     | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 102.20%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.388  | 85    | 53863    | 7.79     | ug/L  | 99       |
| 12) 1,1-Dichloroethene        | 2.588  | 96    | 23359    | 4.46     | ug/L  | 88       |
| 14) Carbon disulfide          | 2.800  | 76    | 197381   | 11.84    | ug/L  | 100      |
| 22) cis-1,2-Dichloroethene    | 4.678  | 96    | 34749    | 5.91     | ug/L  | 97       |
| 33) Benzene                   | 5.784  | 78    | 115316   | 5.11     | ug/L  | 100      |
| 34) Trichloroethene           | 6.549  | 95    | 96345    | 15.39    | ug/L  | 97       |
| 42) Toluene                   | 7.977  | 91    | 115533   | 4.69     | ug/L  | 97       |
| 47) Tetrachloroethene         | 8.559  | 164   | 36032    | 7.06     | ug/L  | 97       |
| 51) Chlorobenzene             | 9.452  | 112   | 73596    | 4.68     | ug/L  | 97       |
| 55) Styrene                   | 10.121 | 104   | 779      | 0.05     | ug/L  | 99       |
| -----                         |        |       |          |          |       |          |

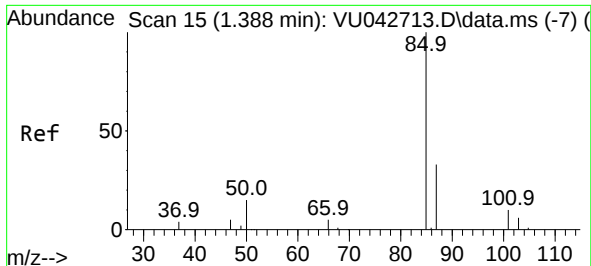
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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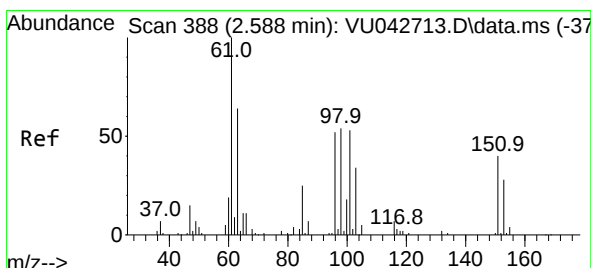
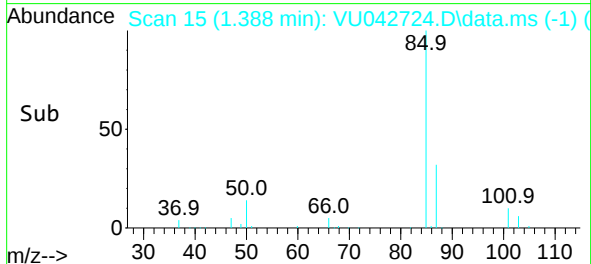
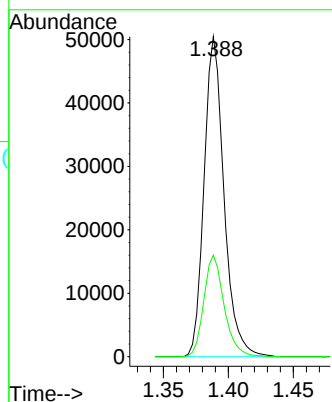
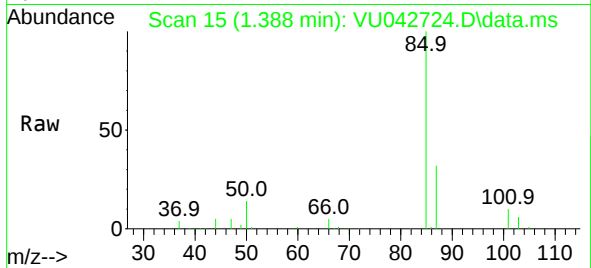




#2  
Dichlorodifluoromethane  
Concen: 7.79 ug/L  
RT: 1.388 min Scan# 15  
Delta R.T. 0.000 min  
Lab File: VU042724.D  
Acq: 19 Mar 2021 16:37

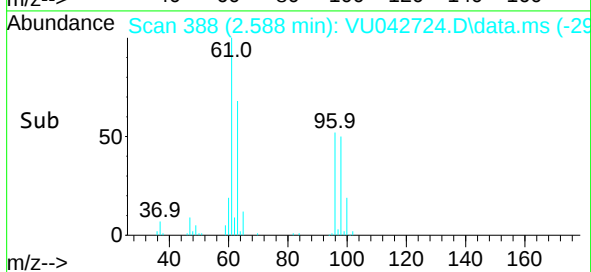
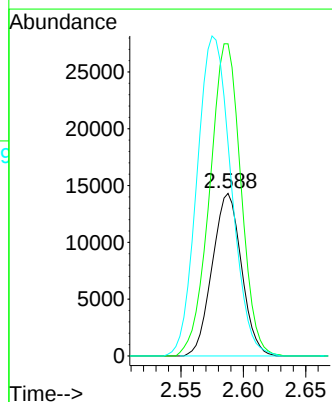
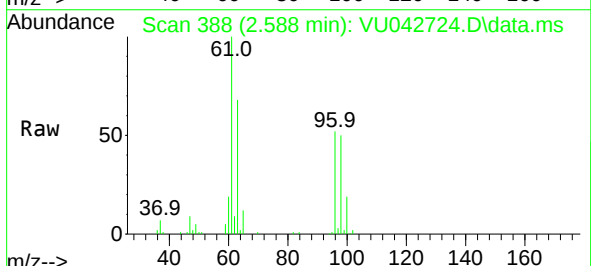
Instrument :  
MSVOA\_U  
ClientSampled :  
ETZF6MS

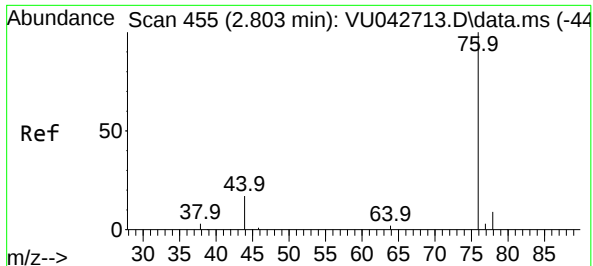
Tgt Ion: 85 Resp: 53863  
Ion Ratio Lower Upper  
85 100  
87 32.3 26.1 39.1



#12  
1,1-Dichloroethene  
Concen: 4.46 ug/L  
RT: 2.588 min Scan# 388  
Delta R.T. 0.000 min  
Lab File: VU042724.D  
Acq: 19 Mar 2021 16:37

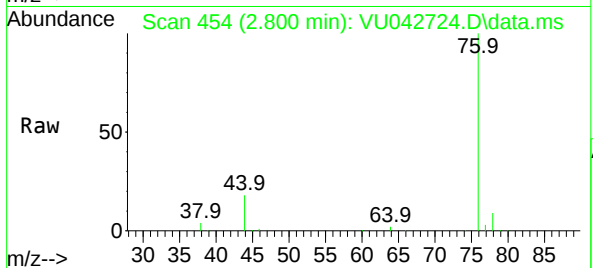
Tgt Ion: 96 Resp: 23359  
Ion Ratio Lower Upper  
96 100  
61 192.0 126.2 234.4  
63 130.7 77.8 144.4



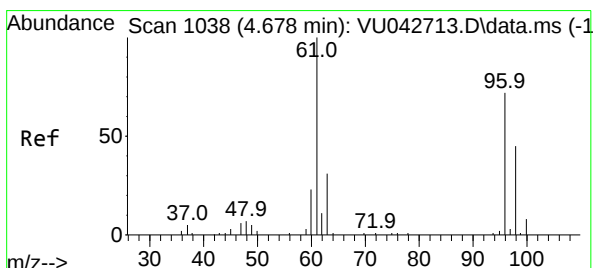
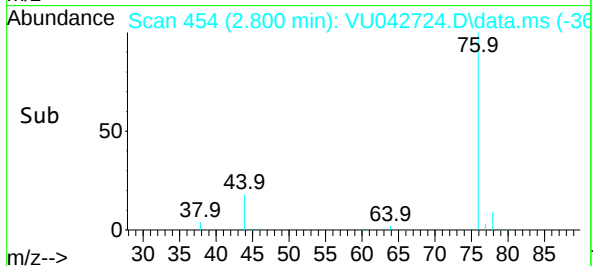
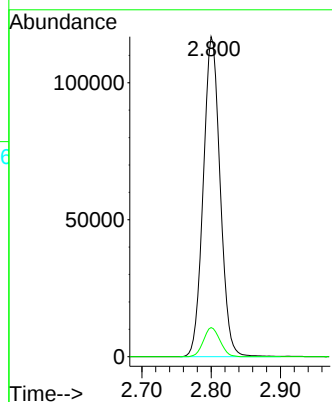


#14  
Carbon disulfide  
Concen: 11.84 ug/L  
RT: 2.800 min Scan# 454  
Delta R.T. -0.003 min  
Lab File: VU042724.D  
Acq: 19 Mar 2021 16:37

Instrument :  
MSVOA\_U  
ClientSampleId :  
ETZF6MS

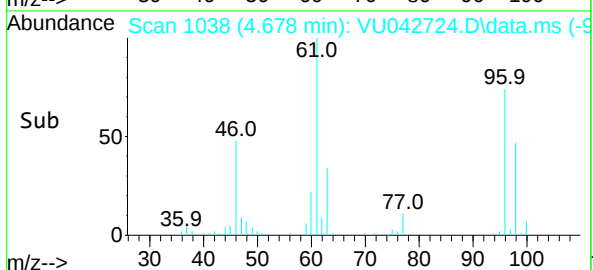
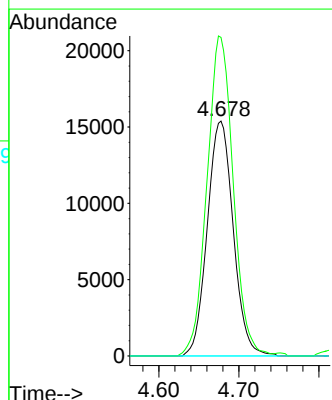
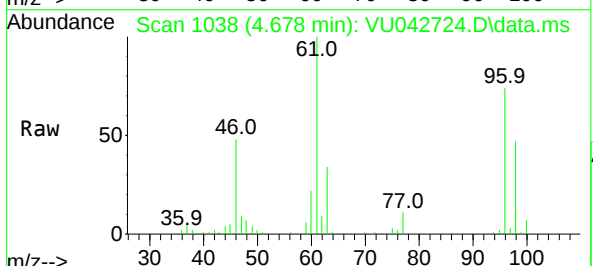


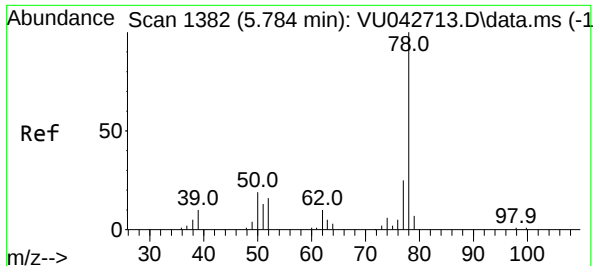
Tgt Ion: 76 Resp: 197381  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.3 10.9



#22  
cis-1,2-Dichloroethene  
Concen: 5.91 ug/L  
RT: 4.678 min Scan# 1038  
Delta R.T. 0.000 min  
Lab File: VU042724.D  
Acq: 19 Mar 2021 16:37

Tgt Ion: 96 Resp: 34749  
Ion Ratio Lower Upper  
96 100  
61 135.6 97.8 181.6  
68 0.0 0.0 0.0

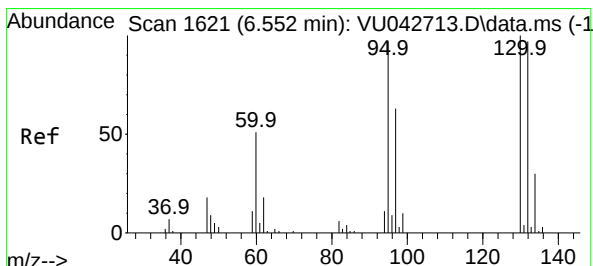
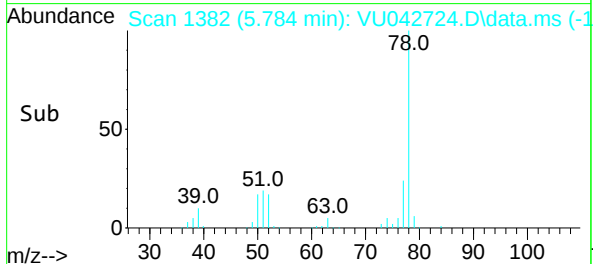
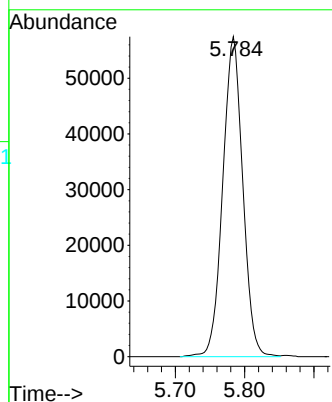
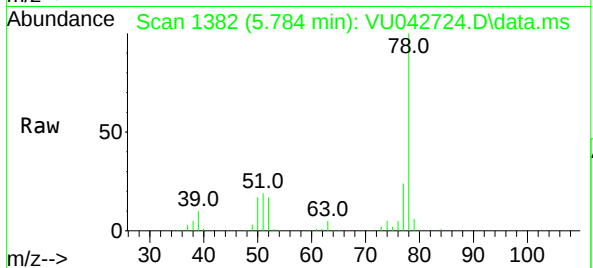




#33  
Benzene  
Concen: 5.11 ug/L  
RT: 5.784 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VU042724.D  
Acq: 19 Mar 2021 16:37

Instrument :  
MSVOA\_U  
ClientSampled :  
ETZF6MS

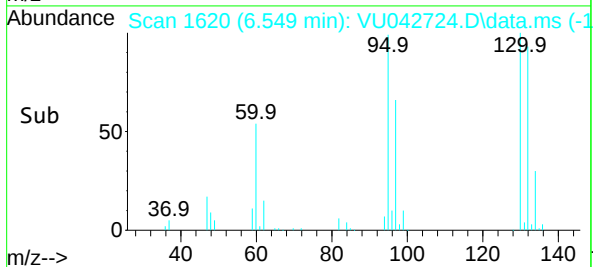
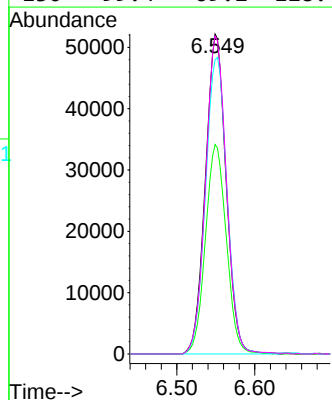
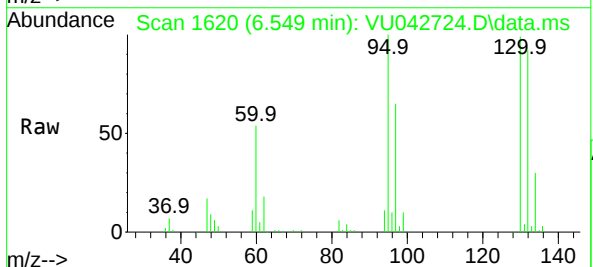
Tgt Ion: 78 Resp: 115316

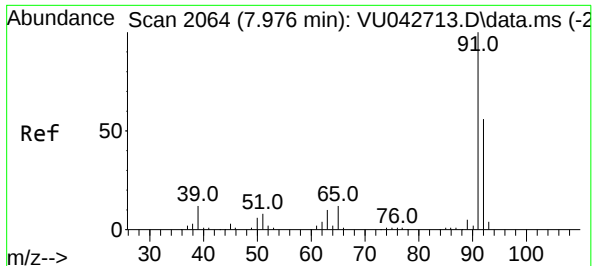


#34  
Trichloroethene  
Concen: 15.39 ug/L  
RT: 6.549 min Scan# 1620  
Delta R.T. -0.003 min  
Lab File: VU042724.D  
Acq: 19 Mar 2021 16:37

Tgt Ion: 95 Resp: 96345

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 95  | 100   |       |       |
| 97  | 65.5  | 44.4  | 82.4  |
| 132 | 92.0  | 68.0  | 126.4 |
| 130 | 99.4  | 69.2  | 128.4 |

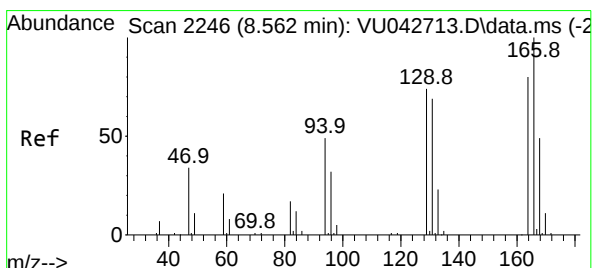
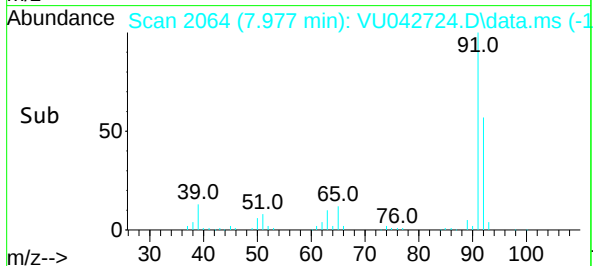
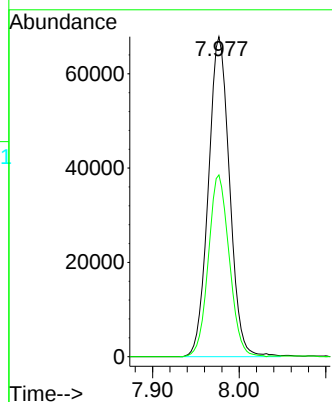
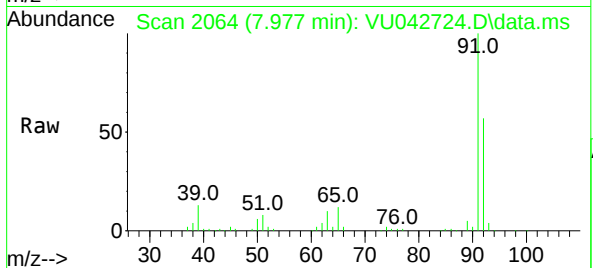




#42  
Toluene  
Concen: 4.69 ug/L  
RT: 7.977 min Scan# 2064  
Delta R.T. 0.000 min  
Lab File: VU042724.D  
Acq: 19 Mar 2021 16:37

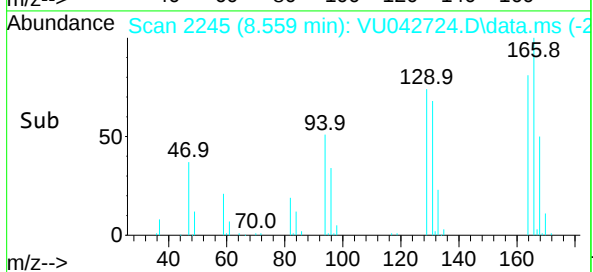
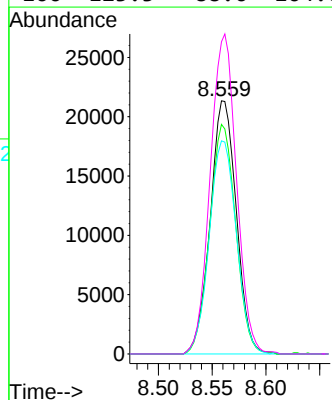
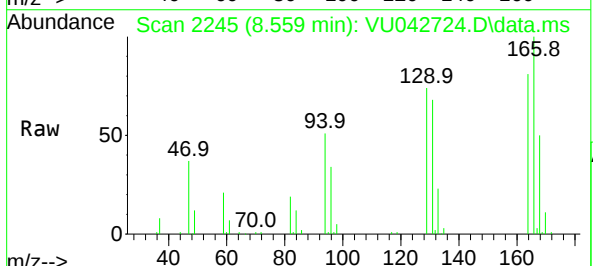
Instrument :  
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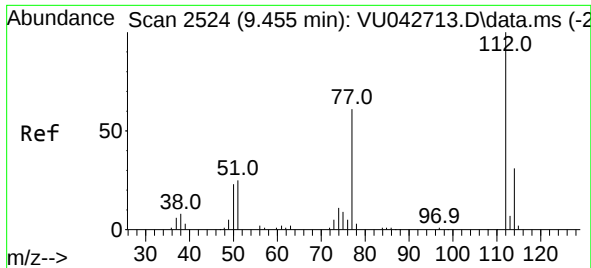
Tgt Ion: 91 Resp: 115533  
Ion Ratio Lower Upper  
91 100  
92 56.8 41.2 76.6



#47  
Tetrachloroethene  
Concen: 7.06 ug/L  
RT: 8.559 min Scan# 2245  
Delta R.T. -0.003 min  
Lab File: VU042724.D  
Acq: 19 Mar 2021 16:37

Tgt Ion: 164 Resp: 36032  
Ion Ratio Lower Upper  
164 100  
129 90.7 64.3 119.5  
131 84.1 62.2 115.6  
166 123.3 88.6 164.6

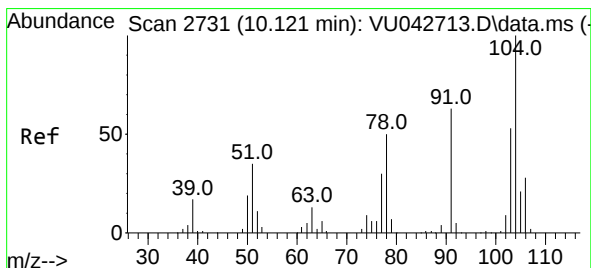
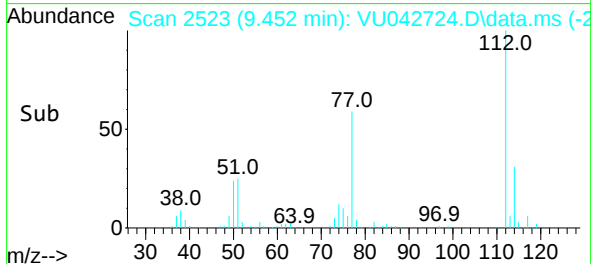
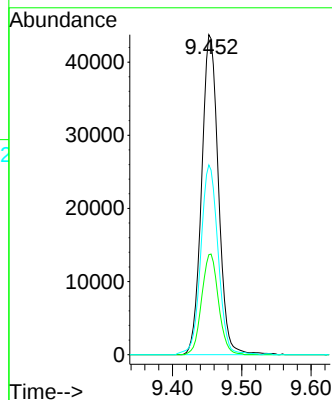
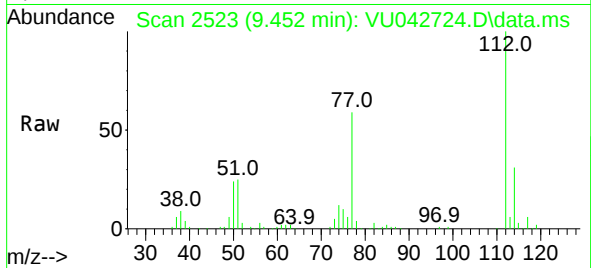




#51  
Chlorobenzene  
Concen: 4.68 ug/L  
RT: 9.452 min Scan# 2523  
Delta R.T. -0.003 min  
Lab File: VU042724.D  
Acq: 19 Mar 2021 16:37

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ClientSampleId :  
ETZFM6MS

Tgt Ion:112 Resp: 73596  
Ion Ratio Lower Upper  
112 100  
114 31.2 22.0 41.0  
77 59.3 49.8 74.6



#55  
Styrene  
Concen: 0.05 ug/L  
RT: 10.121 min Scan# 2731  
Delta R.T. 0.000 min  
Lab File: VU042724.D  
Acq: 19 Mar 2021 16:37

Tgt Ion:104 Resp: 779  
Ion Ratio Lower Upper  
104 100  
78 49.0 34.9 64.7

