

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042621\  
 Data File : VU043333.D  
 Acq On : 26 Apr 2021 18:13  
 Operator : SY/MD  
 Sample : M2124-11  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 H4498

Manual Integrations  
 APPROVED

MMDadoda  
 4/27/2021 1:06:37 PM

Quant Time: Apr 26 23:44:04 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR041521WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Mon Apr 26 23:40:31 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.256  | 114   | 103041   | 5.00     | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 9.423  | 117   | 103837   | 5.00     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.819 | 152   | 46929    | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 23623    | 4.51     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 90.20%   |
| 7) Chloroethane-d5            | 1.922  | 69    | 21990    | 4.46     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 89.20%   |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 65    | 15496    | 5.11     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 102.20%  |
| 20) 2-Butanone-d5             | 4.649  | 46    | 131150   | 57.07    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 114.14%  |
| 24) Chloroform-d              | 5.073  | 84    | 64979    | 4.88     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 97.60%   |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 42359    | 4.70     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 94.00%   |
| 32) Benzene-d6                | 5.739  | 84    | 114455   | 4.73     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.60%   |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 39554    | 4.93     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 98.60%   |
| 41) Toluene-d8                | 7.906  | 98    | 95678    | 3.81     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 76.20%   |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79    | 14133    | 3.99     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 79.80%   |
| 46) 2-Hexanone-d5             | 8.645  | 63    | 79580    | 45.06    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 90.12%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 33561    | 4.76     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 95.20%   |
| 66) 1,2-Dichlorobenzene-d4    | 12.201 | 152   | 37593    | 4.67     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 93.40%   |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.395  | 85    | 1695     | 0.26     | ug/L   | 99       |
| 22) cis-1,2-Dichloroethene    | 4.681  | 96    | 1492m    | 0.21     | ug/L   |          |
| 25) Chloroform                | 5.102  | 83    | 7427     | 0.52     | ug/L   | 98       |
| 34) Trichloroethene           | 6.552  | 95    | 8431     | 1.10     | ug/L   | 99       |
| 38) Bromodichloromethane      | 7.115  | 83    | 876      | 0.08     | ug/L # | 66       |
| 47) Tetrachloroethene         | 8.558  | 164   | 27039    | 4.46     | ug/L   | 98       |
| -----                         |        |       |          |          |        |          |

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

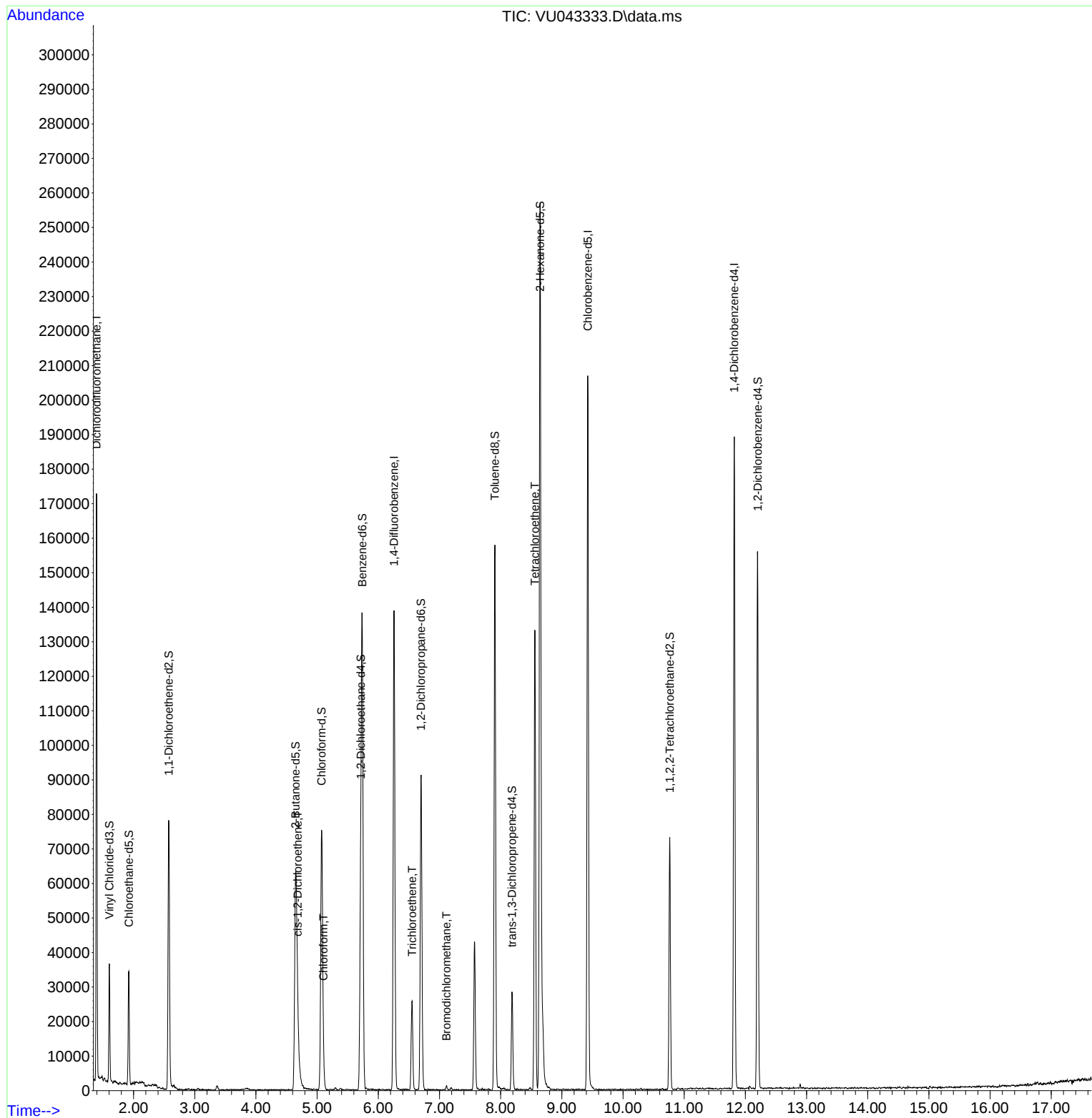
Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU042621\  
Data File : VU043333.D  
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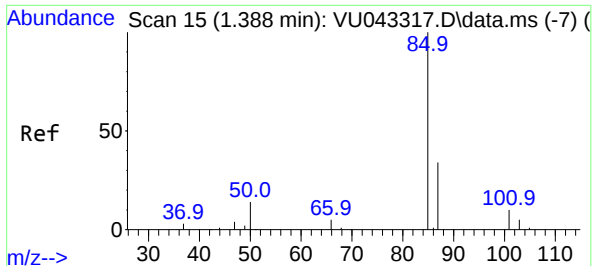
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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Mon Apr 26 23:40:31 2021  
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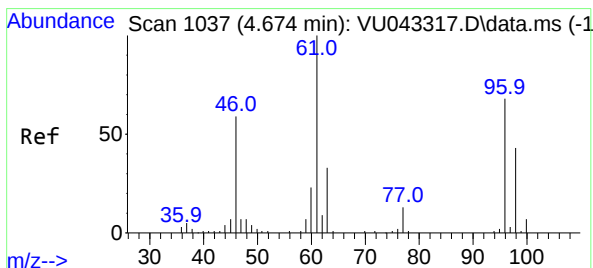
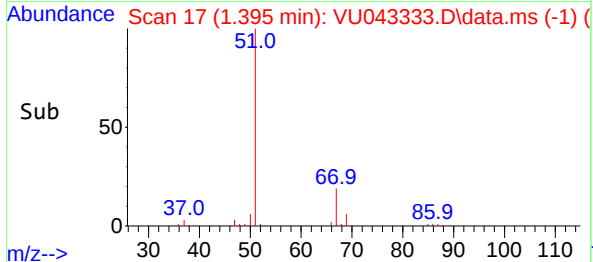
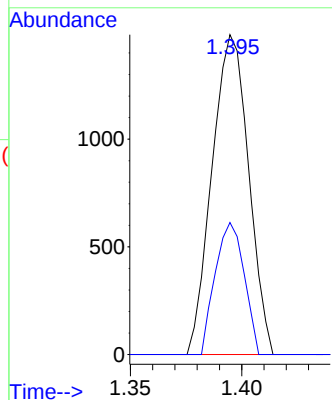
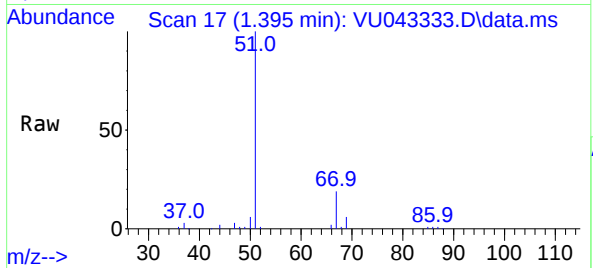
#2  
Dichlorodifluoromethane  
Concen: 0.26 ug/L  
RT: 1.395 min Scan# 17  
Delta R.T. 0.006 min  
Lab File: VU043333.D  
Acq: 26 Apr 2021 18:13

Tgt Ion: 85 Resp: 1695  
Ion Ratio Lower Upper  
85 100  
87 32.6 26.3 39.5

Instrument :  
MSVOA\_U  
ClientSampled :  
H4498

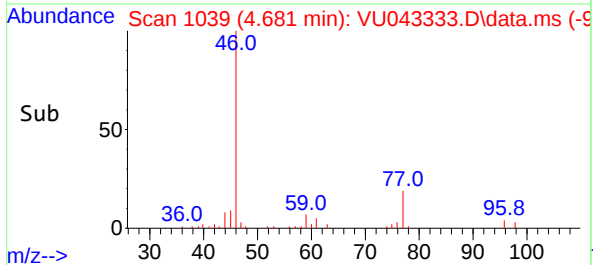
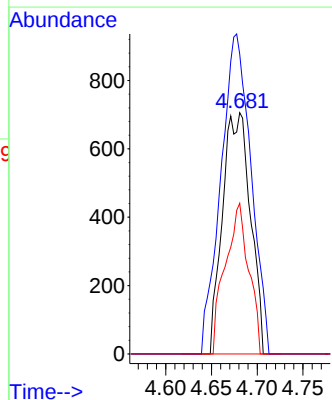
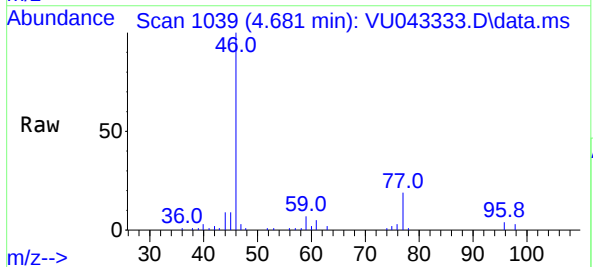
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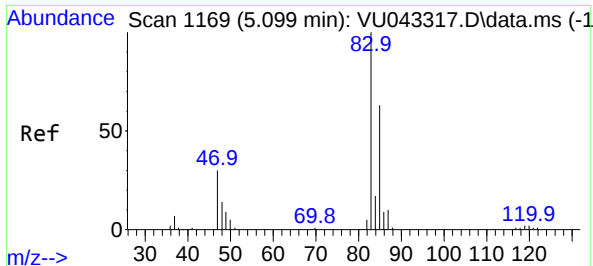
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#22  
cis-1,2-Dichloroethene  
Concen: 0.21 ug/L m  
RT: 4.681 min Scan# 1039  
Delta R.T. 0.006 min  
Lab File: VU043333.D  
Acq: 26 Apr 2021 18:13

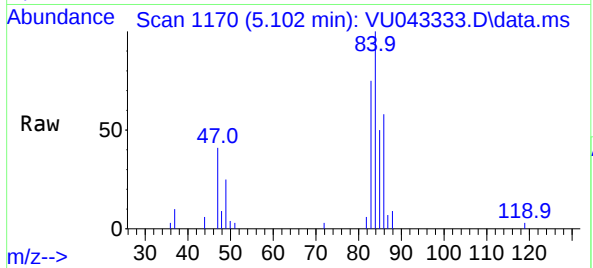
Tgt Ion: 96 Resp: 1492  
Ion Ratio Lower Upper  
96 100  
61 124.2 87.4 162.4  
98 62.5 47.7 88.5





#25  
Chloroform  
Concen: 0.52 ug/L  
RT: 5.102 min Scan# 1170  
Delta R.T. 0.003 min  
Lab File: VU043333.D  
Acq: 26 Apr 2021 18:13

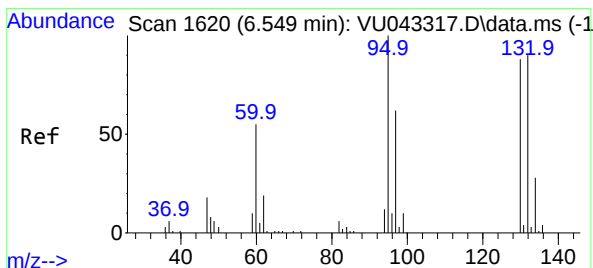
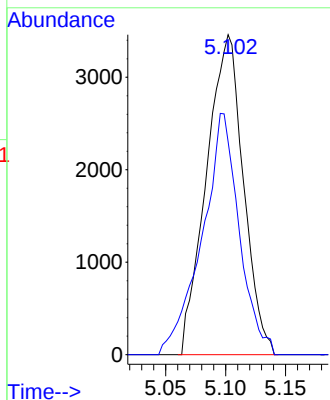
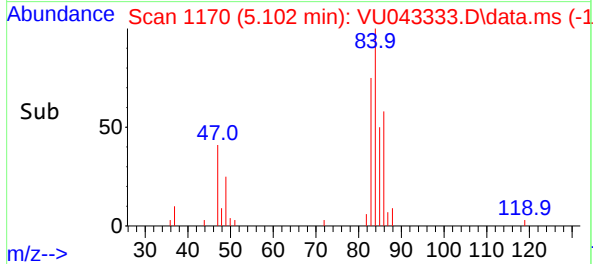
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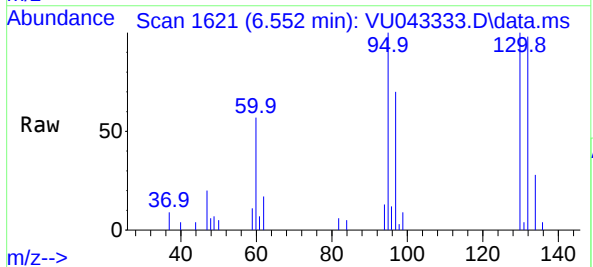
Tgt Ion: 83 Resp: 7427  
Ion Ratio Lower Upper  
83 100  
85 66.5 45.6 84.8

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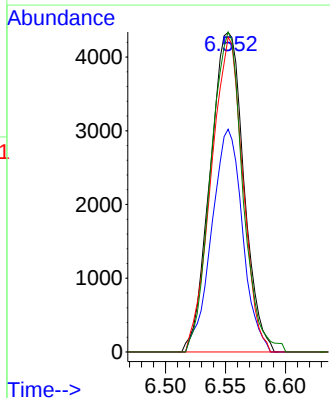
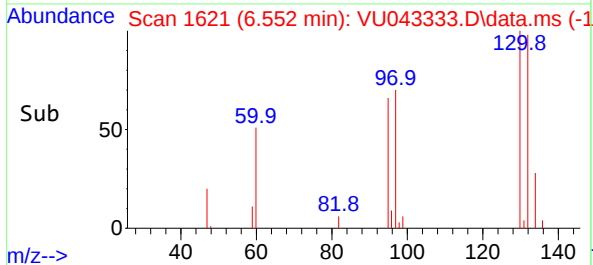
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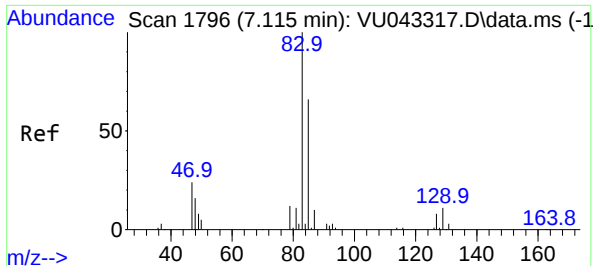


#34  
Trichloroethene  
Concen: 1.10 ug/L  
RT: 6.552 min Scan# 1621  
Delta R.T. 0.003 min  
Lab File: VU043333.D  
Acq: 26 Apr 2021 18:13



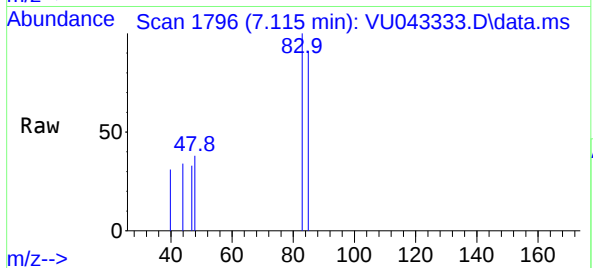
Tgt Ion: 95 Resp: 8431  
Ion Ratio Lower Upper  
95 100  
97 69.7 45.8 85.2  
132 98.5 68.7 127.7  
130 100.1 70.1 130.3





#38  
Bromodichloromethane  
Concen: 0.08 ug/L  
RT: 7.115 min Scan# 1796  
Delta R.T. -0.000 min  
Lab File: VU043333.D  
Acq: 26 Apr 2021 18:13

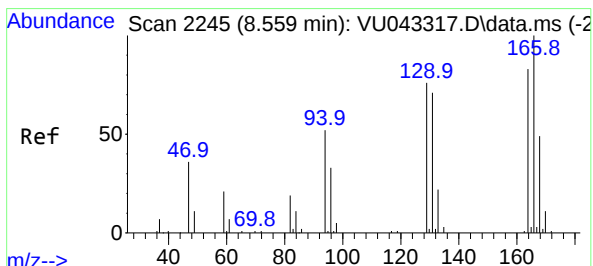
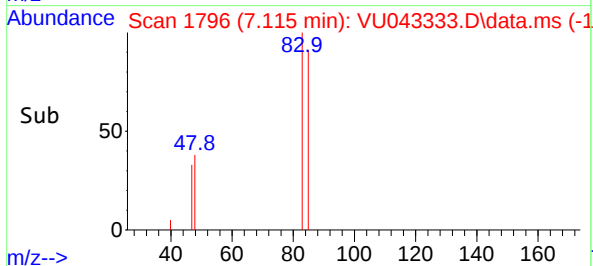
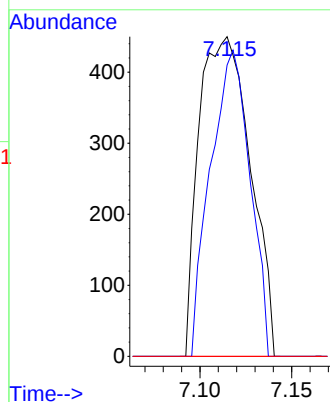
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ClientSampled :  
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Tgt Ion: 83 Resp: 876  
Ion Ratio Lower Upper  
83 100  
85 91.1 44.6 82.8#  
127 0.0 7.4 11.2#

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#47  
Tetrachloroethene  
Concen: 4.46 ug/L  
RT: 8.558 min Scan# 2245  
Delta R.T. -0.000 min  
Lab File: VU043333.D  
Acq: 26 Apr 2021 18:13

Tgt Ion: 164 Resp: 27039  
Ion Ratio Lower Upper  
164 100  
129 93.3 66.6 123.8  
131 95.0 65.9 122.3  
166 138.4 93.7 173.9

