

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031921\  
 Data File : VU042716.D  
 Acq On : 19 Mar 2021 13:27  
 Operator : SY/MD  
 Sample : M1699-01  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0BG8

Quant Time: Mar 20 05:48:56 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     | 6.260  | 114  | 72285    | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.424  | 117  | 73029    | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.819 | 152  | 36396    | 5.00 | ug/L  | 0.00     |

|                               |        |       |          |          |      |         |
|-------------------------------|--------|-------|----------|----------|------|---------|
| System Monitoring Compounds   |        |       |          |          |      |         |
| 4) Vinyl Chloride-d3          | 1.604  | 65    | 25250    | 5.24     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =    | 104.80% |
| 7) Chloroethane-d5            | 1.919  | 69    | 20366    | 5.58     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =    | 111.60% |
| 11) 1,1-Dichloroethene-d2     | 2.575  | 63    | 43138    | 3.96     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =    | 79.20%  |
| 20) 2-Butanone-d5             | 4.652  | 46    | 62249    | 39.34    | ug/L | 0.00    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =    | 78.68%  |
| 24) Chloroform-d              | 5.073  | 84    | 48315    | 5.07     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =    | 101.40% |
| 26) 1,2-Dichloroethane-d4     | 5.713  | 65    | 31015    | 5.29     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =    | 105.80% |
| 32) Benzene-d6                | 5.736  | 84    | 87708    | 4.90     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =    | 98.00%  |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 28260    | 4.89     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =    | 97.80%  |
| 41) Toluene-d8                | 7.906  | 98    | 80837    | 4.62     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =    | 92.40%  |
| 43) trans-1,3-Dichloroprop... | 8.189  | 79    | 10765    | 3.99     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =    | 79.80%  |
| 46) 2-Hexanone-d5             | 8.649  | 63    | 57999    | 44.89    | ug/L | 0.00    |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =    | 89.78%  |
| 57) 1,1,2,2-Tetrachloroeth... | 10.764 | 84    | 23925    | 4.65     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =    | 93.00%  |
| 64) 1,2-Dichlorobenzene-d4    | 12.202 | 152   | 32119    | 4.87     | ug/L | 0.00    |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =    | 97.40%  |

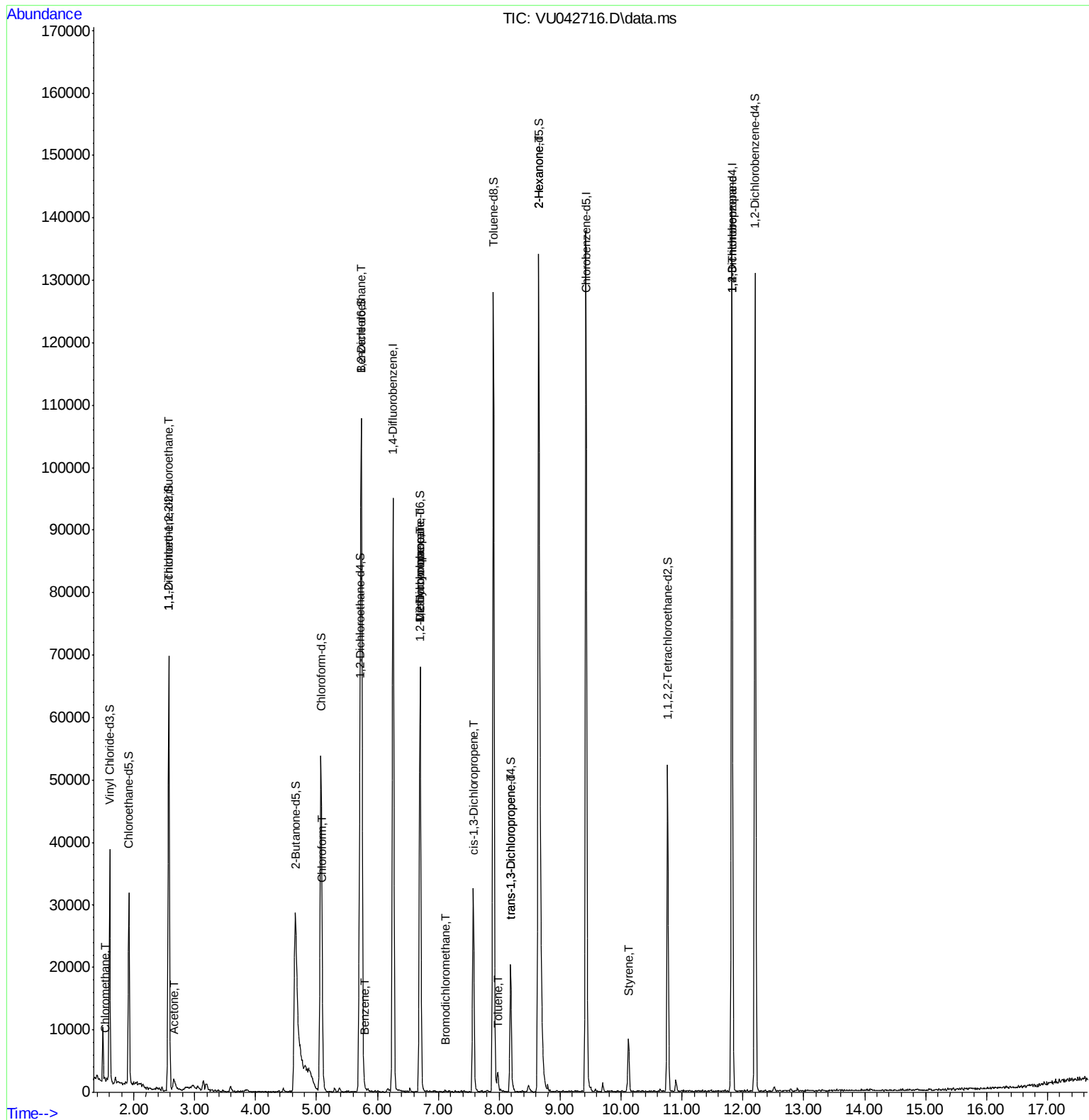
|                               |        |     |      |      |        |        |
|-------------------------------|--------|-----|------|------|--------|--------|
| Target Compounds              |        |     |      |      |        | Qvalue |
| 3) Chloromethane              | 1.523  | 50  | 381  | 0.06 | ug/L   | 92     |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.575  | 101 | 330  | 0.06 | ug/L # | 18     |
| 13) Acetone                   | 2.665  | 43  | 4105 | 3.37 | ug/L   | 83     |
| 25) Chloroform                | 5.092  | 83  | 1858 | 0.17 | ug/L   | 97     |
| 27) 1,2-Dichloroethane        | 5.736  | 62  | 532  | 0.07 | ug/L # | 75     |
| 33) Benzene                   | 5.784  | 78  | 537  | 0.02 | ug/L   | 100    |
| 35) Methylcyclohexane         | 6.700  | 83  | 6788 | 0.70 | ug/L # | 15     |
| 37) 1,2-Dichloropropane       | 6.703  | 63  | 3491 | 0.57 | ug/L # | 87     |
| 38) Bromodichloromethane      | 7.115  | 83  | 309  | 0.04 | ug/L # | 24     |
| 39) cis-1,3-Dichloropropene   | 7.578  | 75  | 971  | 0.11 | ug/L   | 94     |
| 42) Toluene                   | 7.977  | 91  | 2192 | 0.09 | ug/L   | 100    |
| 44) trans-1,3-Dichloropropene | 8.189  | 75  | 638  | 0.08 | ug/L # | 74     |
| 48) 2-Hexanone                | 8.649  | 43  | 8410 | 2.12 | ug/L # | 68     |
| 55) Styrene                   | 10.124 | 104 | 4220 | 0.25 | ug/L   | 93     |
| 59) 1,2,3-Trichloropropane    | 11.819 | 75  | 4793 | 1.03 | ug/L   | 92     |

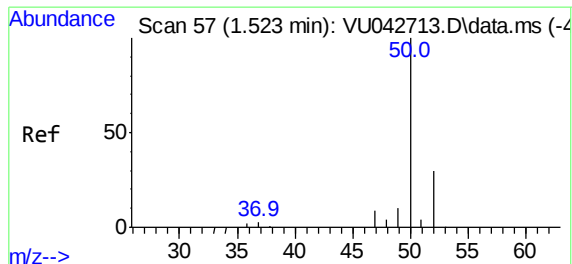
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU031921\  
Data File : VU042716.D  
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Operator : SY/MD  
Sample : M1699-01  
Misc : 25.0mL/MSVOA\_U/WATER  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_U  
ClientSampleId :  
C0BG8

Quant Time: Mar 20 05:48:56 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

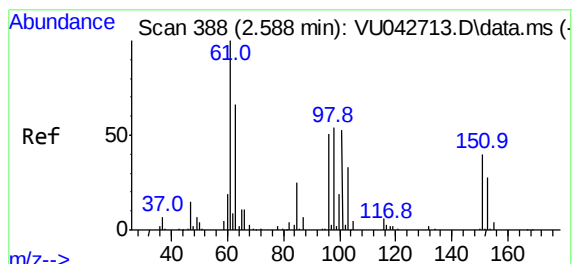
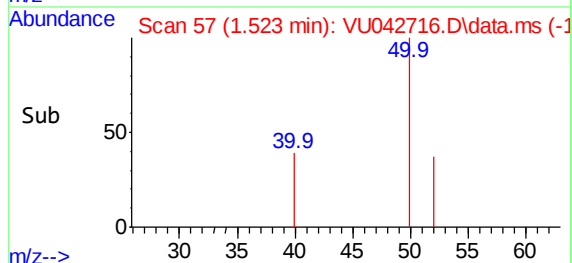
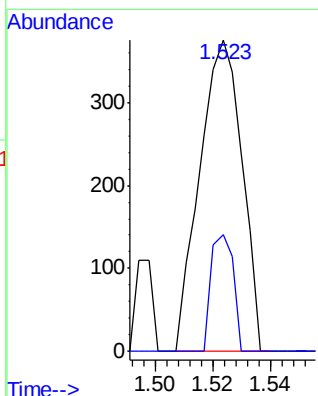
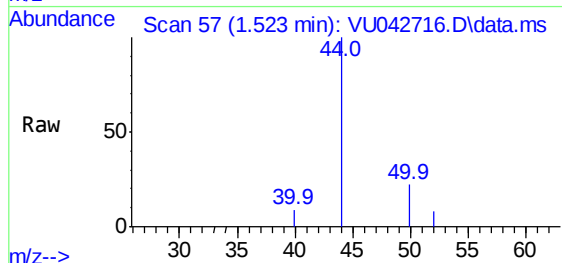




#3  
Chloromethane  
Concen: 0.06 ug/L  
RT: 1.523 min Scan# 57  
Delta R.T. 0.000 min  
Lab File: VU042716.D  
Acq: 19 Mar 2021 13:27

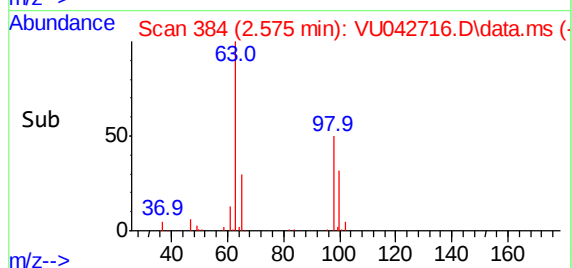
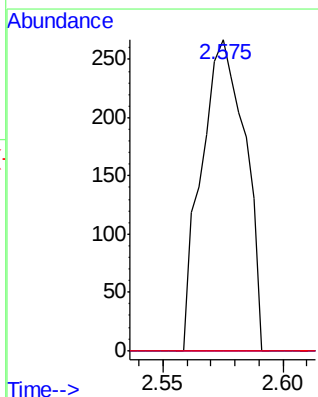
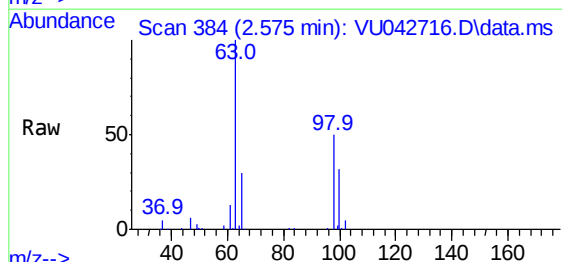
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MSVOA\_U  
ClientSampled :  
C0BG8

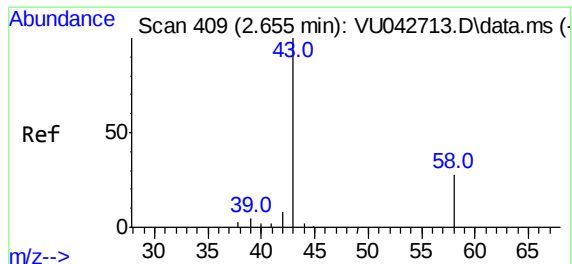
Tgt Ion: 50 Resp: 381  
Ion Ratio Lower Upper  
50 100  
52 37.2 23.0 42.8



#10  
1,1,2-Trichloro-1,2,2-trifluoroethane  
Concen: 0.06 ug/L  
RT: 2.575 min Scan# 384  
Delta R.T. -0.013 min  
Lab File: VU042716.D  
Acq: 19 Mar 2021 13:27

Tgt Ion:101 Resp: 330  
Ion Ratio Lower Upper  
101 100  
85 0.0 34.6 51.8#  
151 0.0 62.7 94.1#

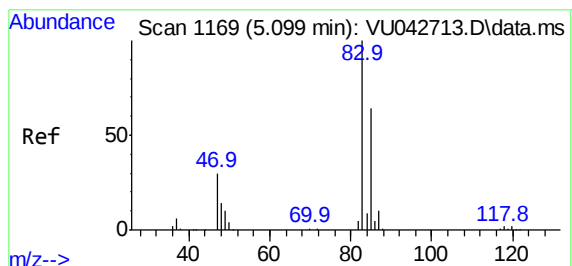
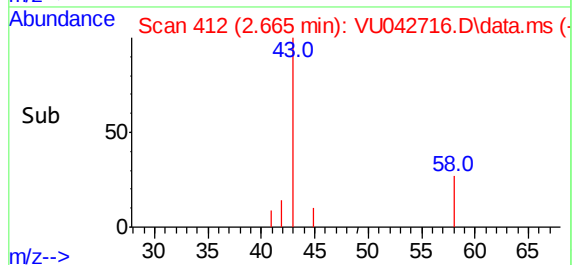
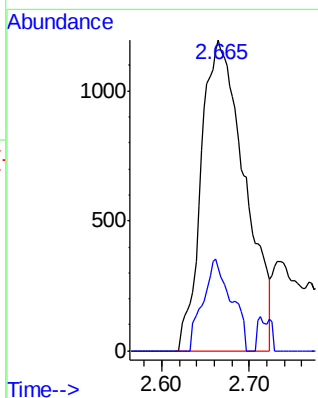
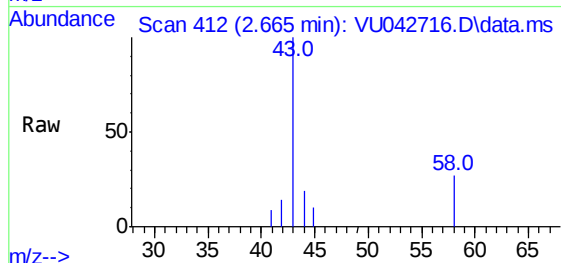




#13  
Acetone  
Concen: 3.37 ug/L  
RT: 2.665 min Scan# 412  
Delta R.T. 0.010 min  
Lab File: VU042716.D  
Acq: 19 Mar 2021 13:27

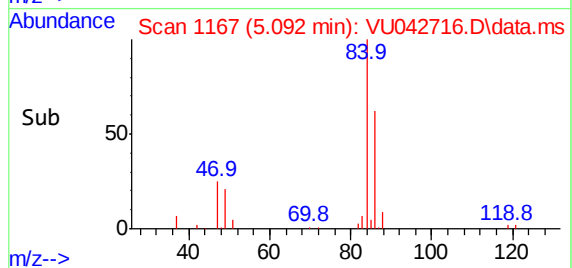
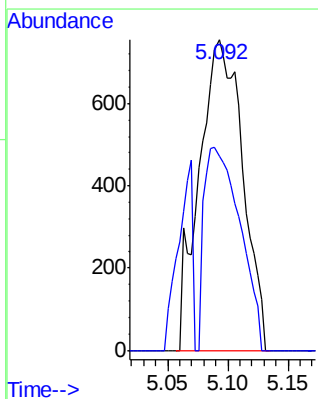
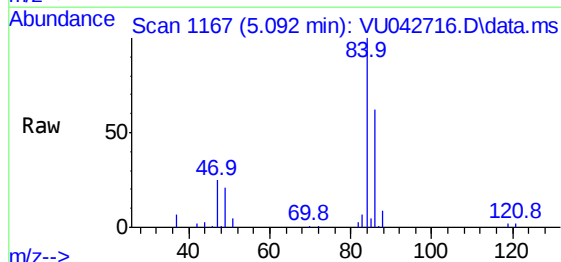
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0BG8

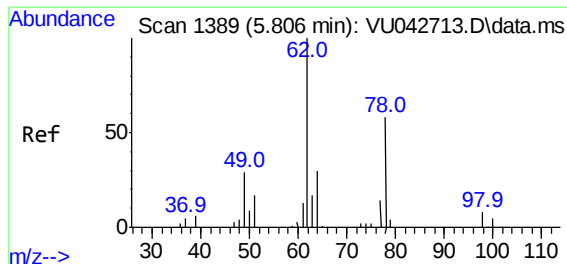
Tgt Ion: 43 Resp: 4105  
Ion Ratio Lower Upper  
43 100  
58 19.2 0.0 55.8



#25  
Chloroform  
Concen: 0.17 ug/L  
RT: 5.092 min Scan# 1167  
Delta R.T. -0.006 min  
Lab File: VU042716.D  
Acq: 19 Mar 2021 13:27

Tgt Ion: 83 Resp: 1858  
Ion Ratio Lower Upper  
83 100  
85 62.6 45.7 84.9

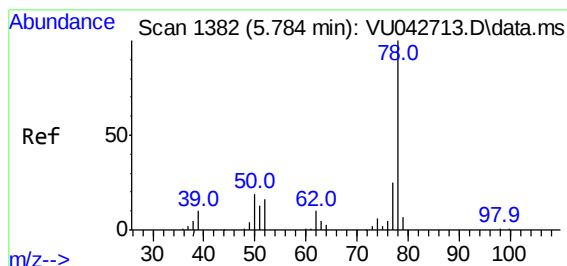
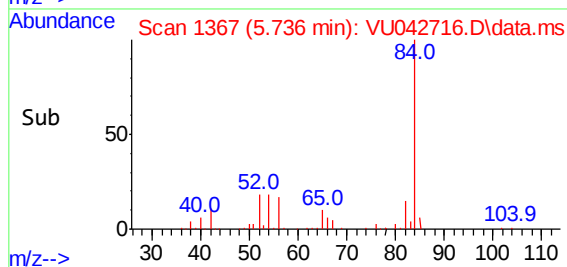
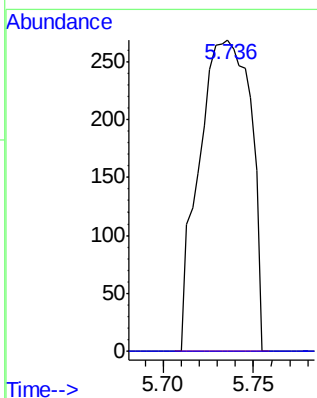
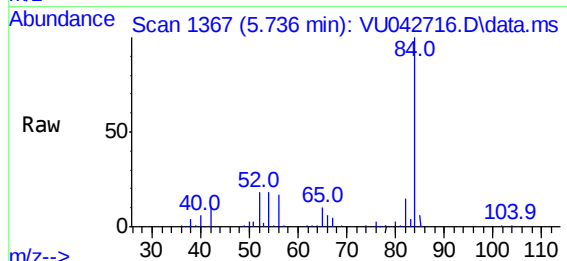




#27  
1,2-Dichloroethane  
Concen: 0.07 ug/L  
RT: 5.736 min Scan# 1367  
Delta R.T. -0.071 min  
Lab File: VU042716.D  
Acq: 19 Mar 2021 13:27

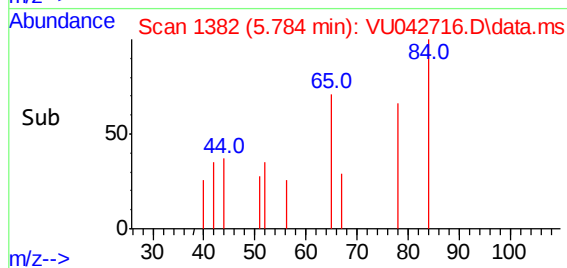
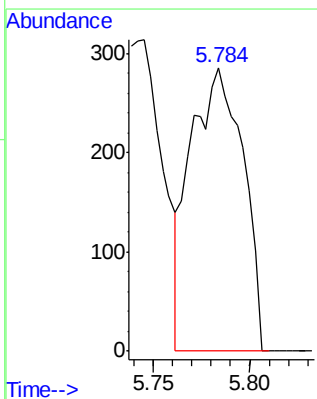
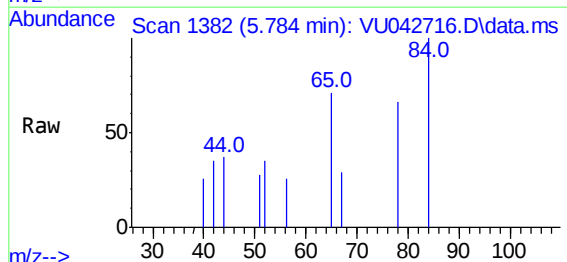
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0BG8

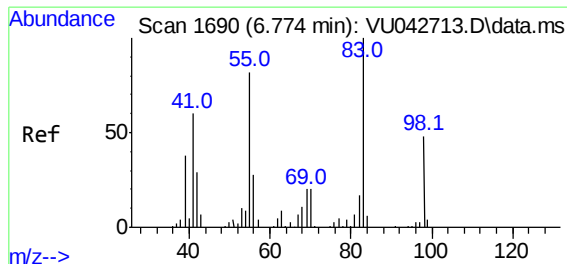
Tgt Ion: 62 Resp: 532  
Ion Ratio Lower Upper  
62 100  
98 0.0 7.3 10.9#



#33  
Benzene  
Concen: 0.02 ug/L  
RT: 5.784 min Scan# 1382  
Delta R.T. 0.000 min  
Lab File: VU042716.D  
Acq: 19 Mar 2021 13:27

Tgt Ion: 78 Resp: 537

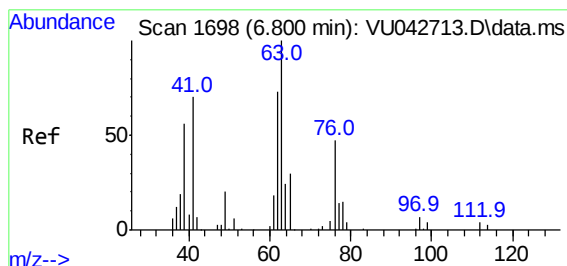
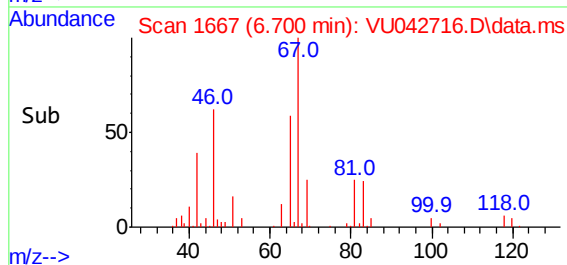
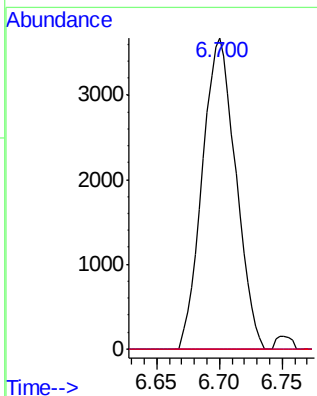
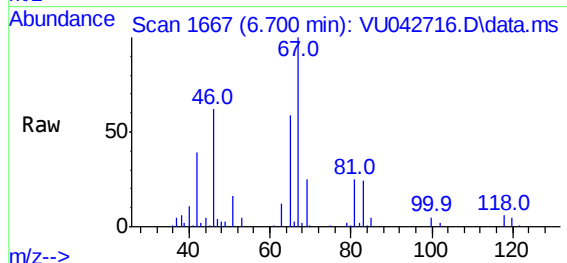




#35  
Methylcyclohexane  
Concen: 0.70 ug/L  
RT: 6.700 min Scan# 1667  
Delta R.T. -0.074 min  
Lab File: VU042716.D  
Acq: 19 Mar 2021 13:27

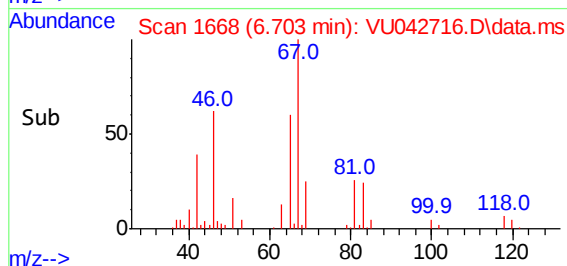
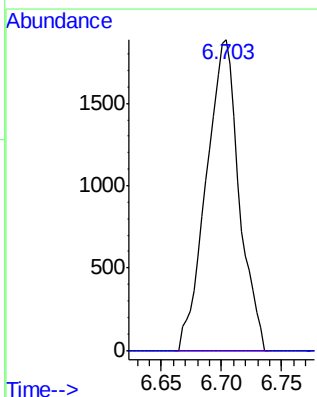
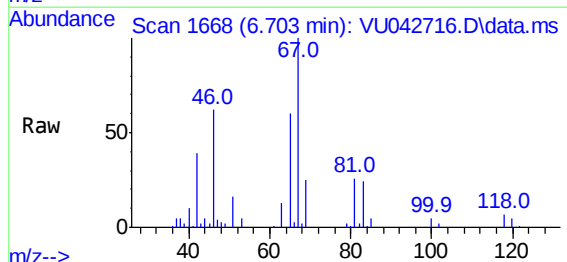
Instrument :  
MSVOA\_U  
ClientSampleId :  
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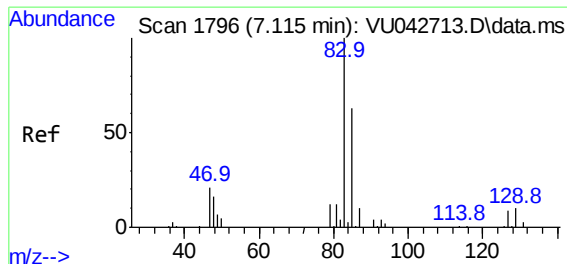
Tgt Ion: 83 Resp: 6788  
Ion Ratio Lower Upper  
83 100  
55 0.0 68.2 102.4#  
98 0.6 39.7 59.5#



#37  
1,2-Dichloropropane  
Concen: 0.57 ug/L  
RT: 6.703 min Scan# 1668  
Delta R.T. -0.096 min  
Lab File: VU042716.D  
Acq: 19 Mar 2021 13:27

Tgt Ion: 63 Resp: 3491  
Ion Ratio Lower Upper  
63 100  
112 0.0 3.4 5.0#

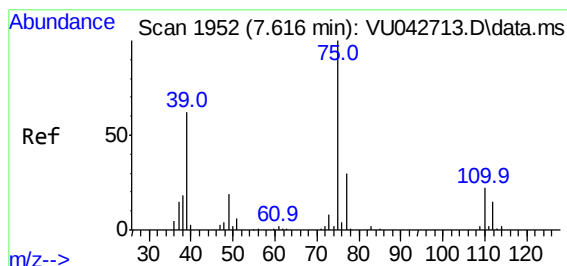
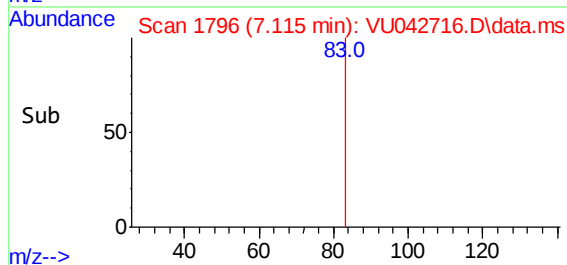
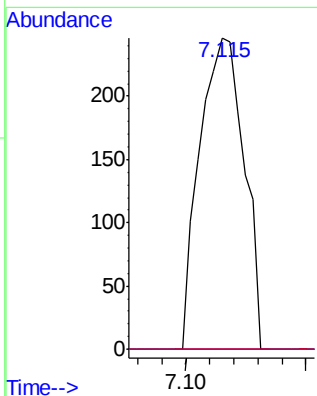
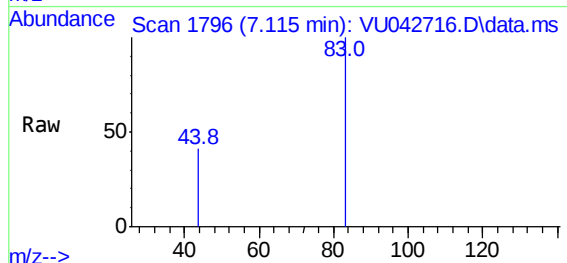




#38  
Bromodichloromethane  
Concen: 0.04 ug/L  
RT: 7.115 min Scan# 1796  
Delta R.T. 0.000 min  
Lab File: VU042716.D  
Acq: 19 Mar 2021 13:27

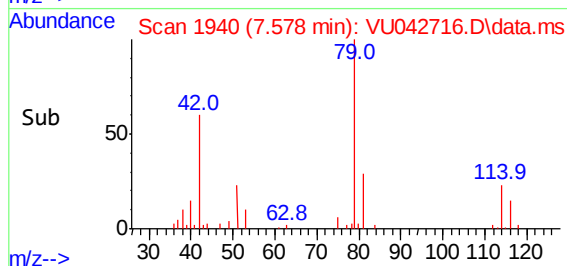
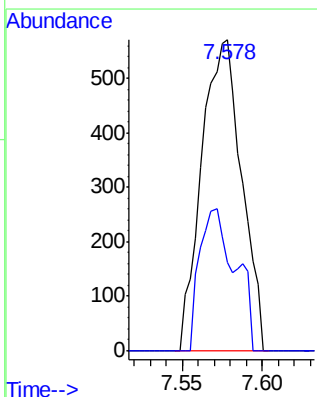
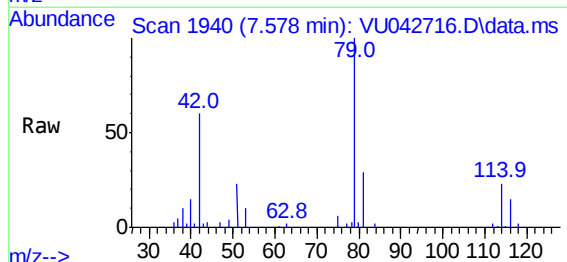
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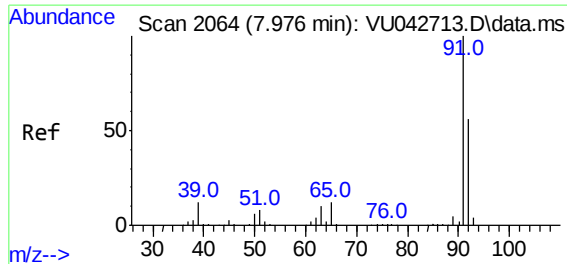
Tgt Ion: 83 Resp: 309  
Ion Ratio Lower Upper  
83 100  
85 0.0 46.0 85.4#  
127 0.0 6.8 10.2#



#39  
cis-1,3-Dichloropropene  
Concen: 0.11 ug/L  
RT: 7.578 min Scan# 1940  
Delta R.T. -0.038 min  
Lab File: VU042716.D  
Acq: 19 Mar 2021 13:27

Tgt Ion: 75 Resp: 971  
Ion Ratio Lower Upper  
75 100  
77 28.2 22.0 40.8

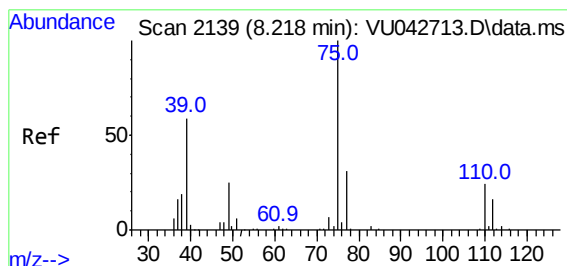
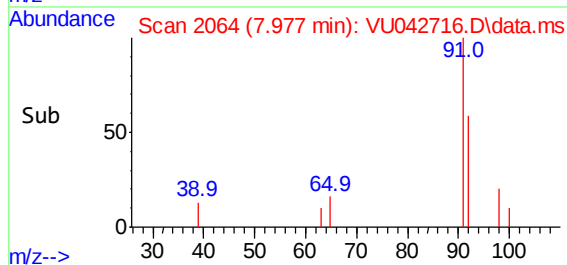
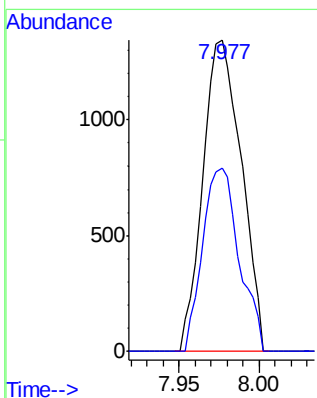
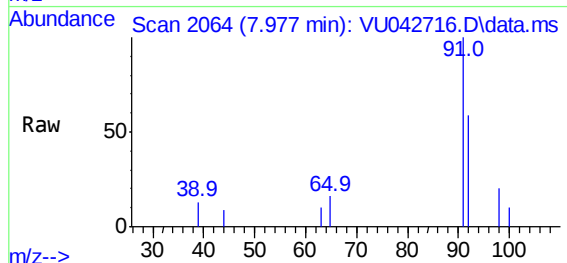




#42  
Toluene  
Concen: 0.09 ug/L  
RT: 7.977 min Scan# 2064  
Delta R.T. 0.000 min  
Lab File: VU042716.D  
Acq: 19 Mar 2021 13:27

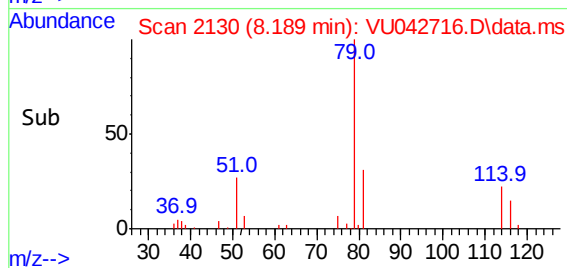
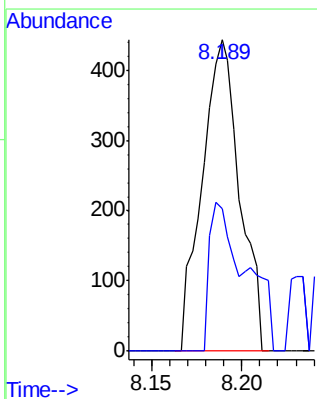
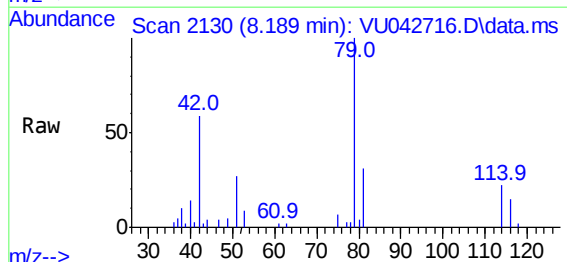
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MSVOA\_U  
ClientSampleId :  
C0BG8

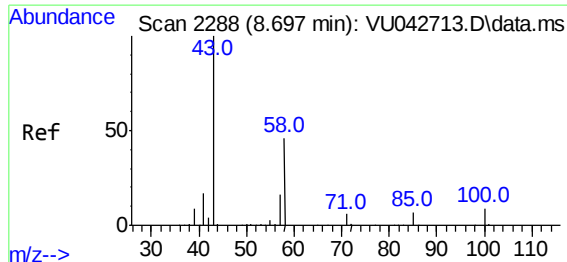
Tgt Ion: 91 Resp: 2192  
Ion Ratio Lower Upper  
91 100  
92 58.9 41.2 76.6



#44  
trans-1,3-Dichloropropene  
Concen: 0.08 ug/L  
RT: 8.189 min Scan# 2130  
Delta R.T. -0.029 min  
Lab File: VU042716.D  
Acq: 19 Mar 2021 13:27

Tgt Ion: 75 Resp: 638  
Ion Ratio Lower Upper  
75 100  
77 45.5 21.8 40.4#

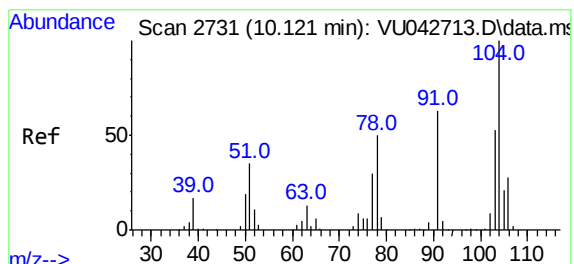
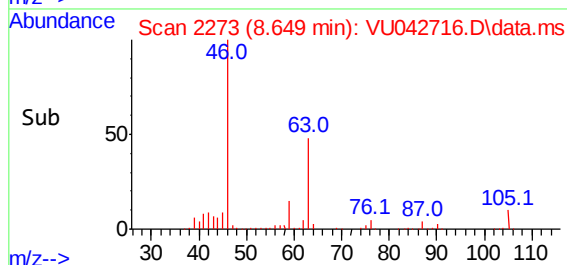
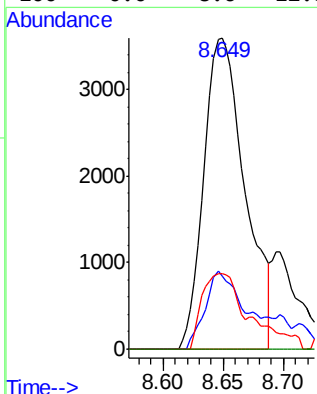
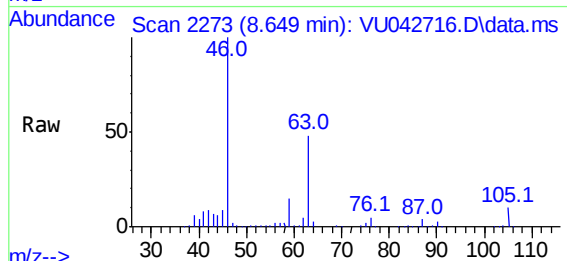




#48  
2-Hexanone  
Concen: 2.12 ug/L  
RT: 8.649 min Scan# 2273  
Delta R.T. -0.048 min  
Lab File: VU042716.D  
Acq: 19 Mar 2021 13:27

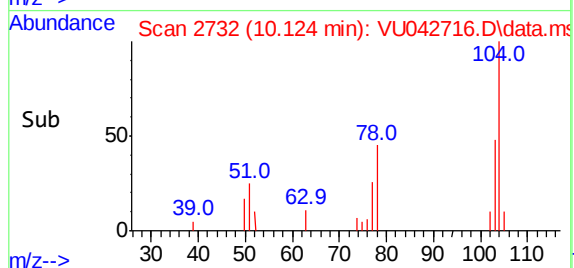
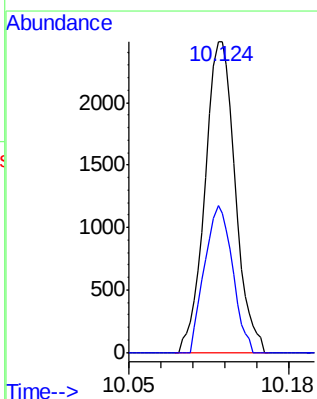
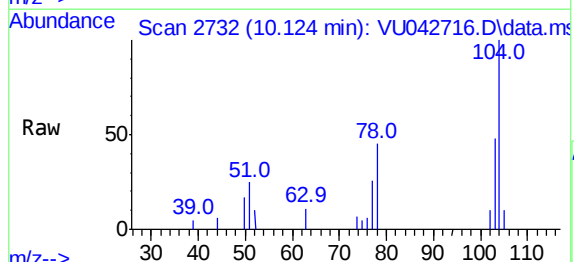
Instrument :  
MSVOA\_U  
ClientSampleId :  
C0BG8

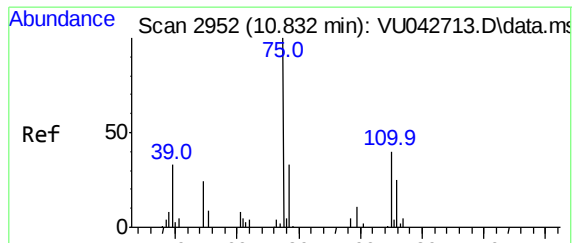
Tgt Ion: 43 Resp: 8410  
Ion Ratio Lower Upper  
43 100  
58 25.1 40.6 61.0#  
57 28.0 14.9 22.3#  
100 0.0 8.6 12.8#



#55  
Styrene  
Concen: 0.25 ug/L  
RT: 10.124 min Scan# 2732  
Delta R.T. 0.003 min  
Lab File: VU042716.D  
Acq: 19 Mar 2021 13:27

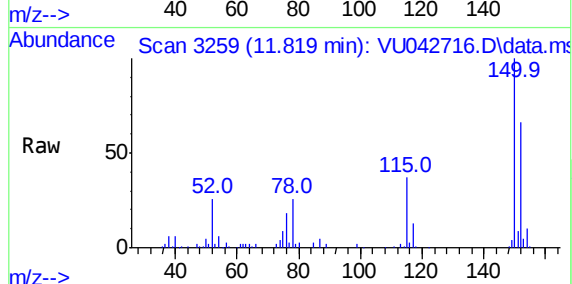
Tgt Ion: 104 Resp: 4220  
Ion Ratio Lower Upper  
104 100  
78 44.8 34.9 64.7





#59  
 1,2,3-Trichloropropane  
 Concen: 1.03 ug/L  
 RT: 11.819 min Scan# 3259  
 Delta R.T. 0.987 min  
 Lab File: VU042716.D  
 Acq: 19 Mar 2021 13:27

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0BG8



Tgt Ion: 75 Resp: 4793  
 Ion Ratio Lower Upper  
 75 100  
 77 37.2 26.0 39.0

