

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY020922\  
 Data File : VY007448.D  
 Acq On : 09 Feb 2022 13:26  
 Operator : SY/MD  
 Sample : N1426-03  
 Misc : 5.03g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 POST-EX-03-0207

Quant Time: Feb 10 05:34:27 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020222S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 03 04:36:48 2022  
 Response via : Initial Calibration

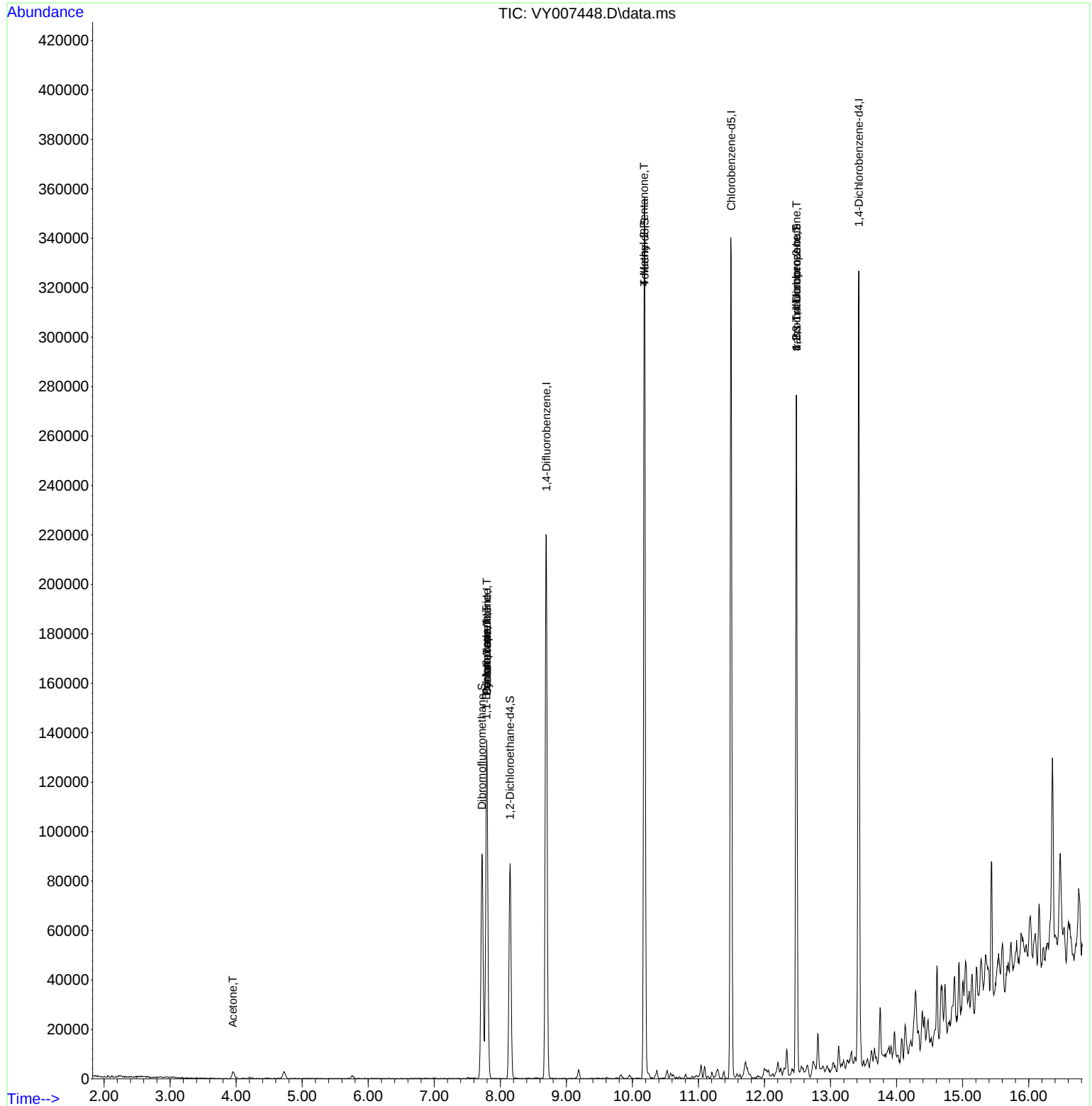
| Compound                      | R.T. QIon |       | Response | Conc           | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|----------------|------------|----------|
| -----                         |           |       |          |                |            |          |
| Internal Standards            |           |       |          |                |            |          |
| 1) Pentafluorobenzene         | 7.795     | 168   | 100250   | 50.000         | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.697     | 114   | 190308   | 50.000         | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.495    | 117   | 184036   | 50.000         | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.428    | 152   | 76747    | 50.000         | ug/l       | 0.00     |
| System Monitoring Compounds   |           |       |          |                |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.149     | 65    | 69533    | 60.300         | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 50 - 163 | Recovery       | = 120.600% |          |
| 35) Dibromofluoromethane      | 7.722     | 113   | 64140    | 52.486         | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 54 - 147 | Recovery       | = 104.980% |          |
| 50) Toluene-d8                | 10.185    | 98    | 234431   | 51.925         | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 49 - 140 | Recovery       | = 103.840% |          |
| 62) 4-Bromofluorobenzene      | 12.483    | 95    | 84383    | 54.989         | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 25 - 144 | Recovery       | = 109.980% |          |
| Target Compounds              |           |       |          |                |            |          |
|                               |           |       |          |                | Qvalue     |          |
| 3) Chloromethane              | 2.119     | 50    | 350      | Below Cal      |            | 96       |
| 16) Acetone                   | 3.948     | 43    | 4885     | 13.044 ug/l #  |            | 83       |
| 20) Methylene Chloride        | 4.722     | 84    | 2208     | Below Cal #    |            | 71       |
| 31) Cyclohexane               | 7.795     | 56    | 2362     | 1.050 ug/l #   |            | 1        |
| 36) 1,1-Dichloropropene       | 7.789     | 75    | 8474     | 3.966 ug/l #   |            | 50       |
| 38) Carbon Tetrachloride      | 7.795     | 117   | 10989    | 4.896 ug/l #   |            | 15       |
| 51) 4-Methyl-2-Pentanone      | 10.179    | 43    | 1195     | 1.186 ug/l #   |            | 1        |
| 76) 1,2,3-Trichloropropane    | 12.483    | 75    | 45584    | 49.962 ug/l #  |            | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.483    | 75    | 45584    | 100.094 ug/l # |            | 7        |
| -----                         |           |       |          |                |            |          |

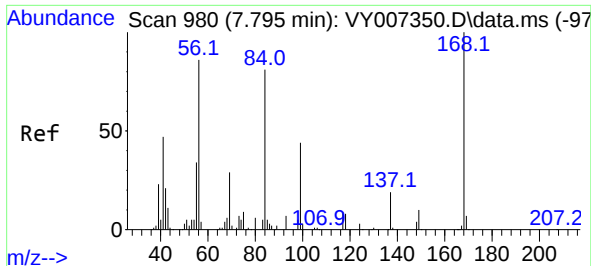
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : N1426-03  
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ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
POST-EX-03-0207

Quant Time: Feb 10 05:34:27 2022  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y020222S.M  
Quant Title : SW846 8260  
QLast Update : Thu Feb 03 04:36:48 2022  
Response via : Initial Calibration

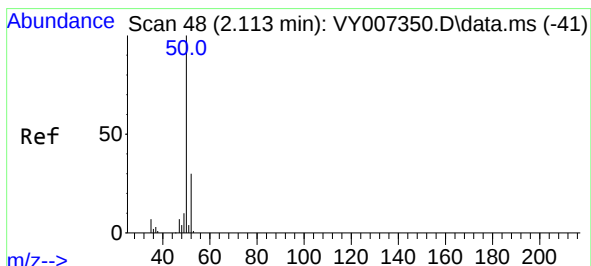
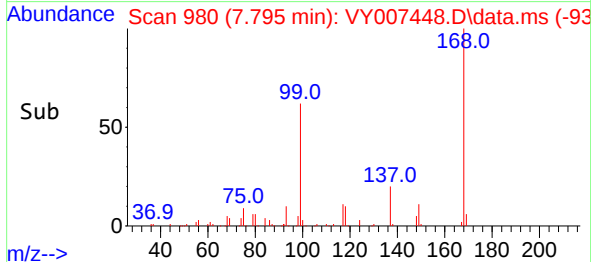
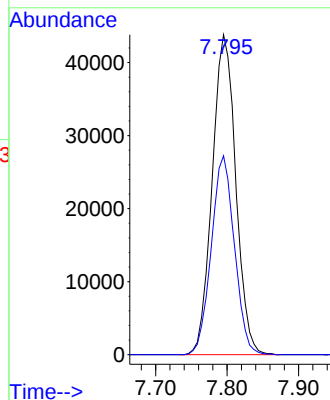
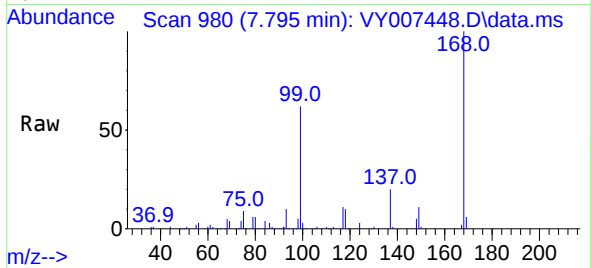




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY007448.D  
Acq: 09 Feb 2022 13:26

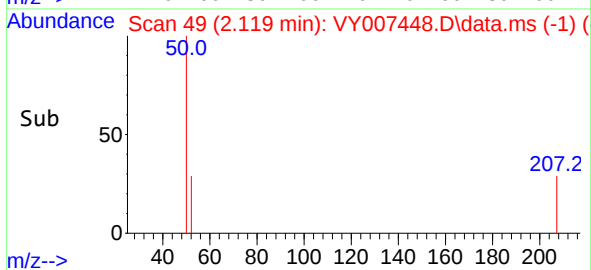
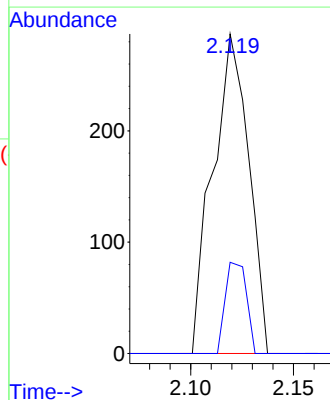
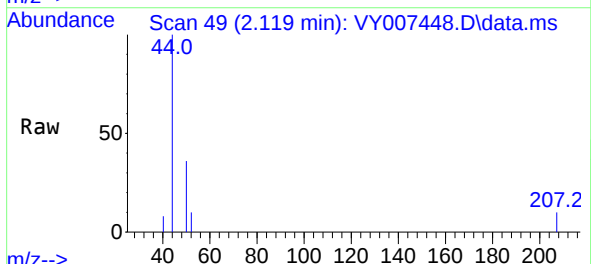
Instrument :  
MSVOA\_Y  
ClientSampleId :  
POST-EX-03-0207

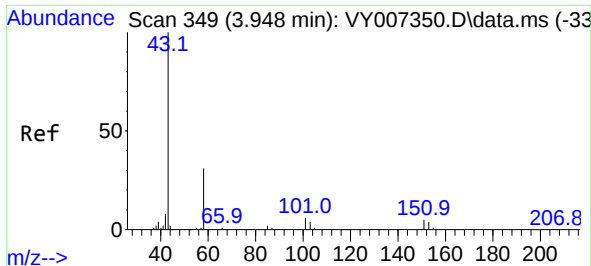
Tgt Ion:168 Resp: 100250  
Ion Ratio Lower Upper  
168 100  
99 62.2 46.9 70.3



#3  
Chloromethane  
Concen: Below Cal  
RT: 2.119 min Scan# 49  
Delta R.T. 0.006 min  
Lab File: VY007448.D  
Acq: 09 Feb 2022 13:26

Tgt Ion: 50 Resp: 350  
Ion Ratio Lower Upper  
50 100  
52 28.6 24.6 37.0

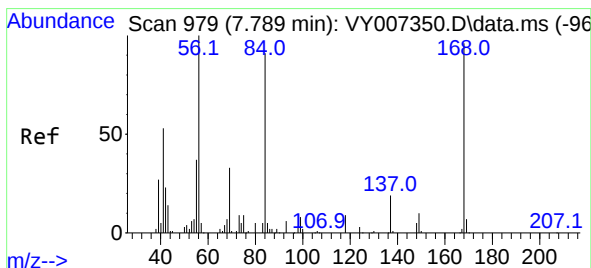
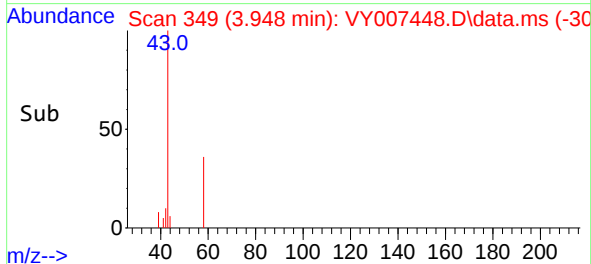
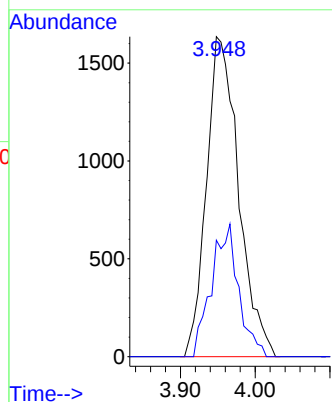
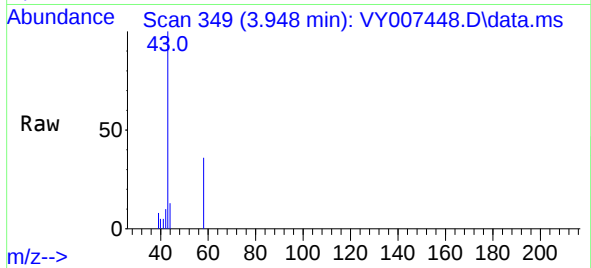




#16  
Acetone  
Concen: 13.044 ug/l  
RT: 3.948 min Scan# 34  
Delta R.T. -0.000 min  
Lab File: VY007448.D  
Acq: 09 Feb 2022 13:26

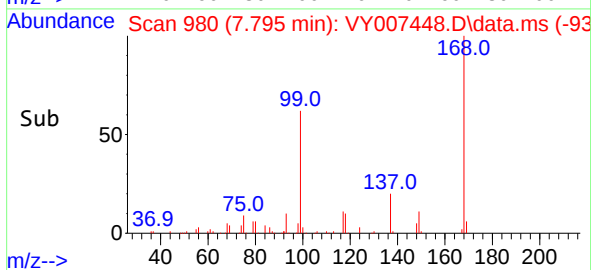
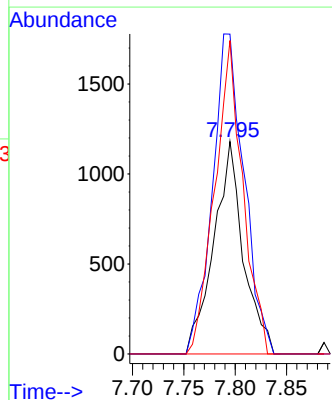
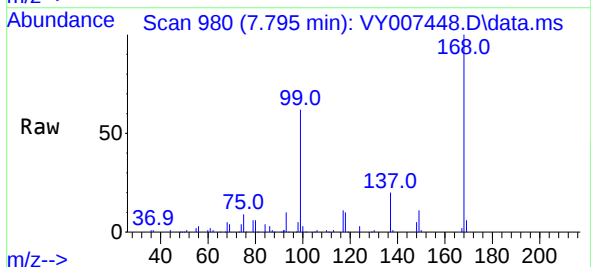
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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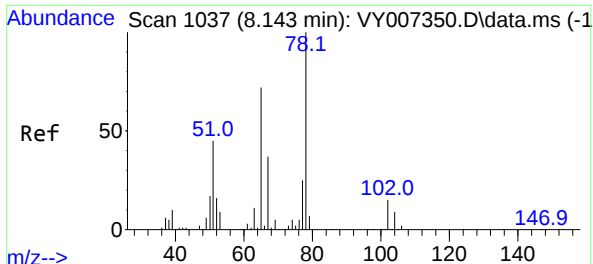
Tgt Ion: 43 Resp: 4885  
Ion Ratio Lower Upper  
43 100  
58 36.4 22.0 33.0#



#31  
Cyclohexane  
Concen: 1.050 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.006 min  
Lab File: VY007448.D  
Acq: 09 Feb 2022 13:26

Tgt Ion: 56 Resp: 2362  
Ion Ratio Lower Upper  
56 100  
69 150.5 26.7 40.1#  
84 147.5 67.2 100.8#

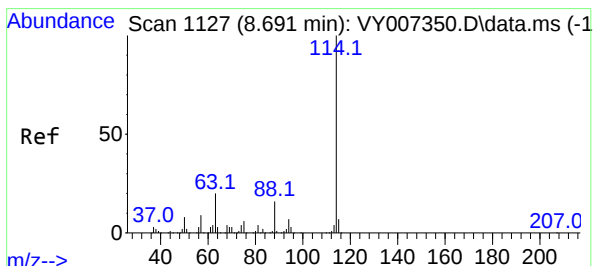
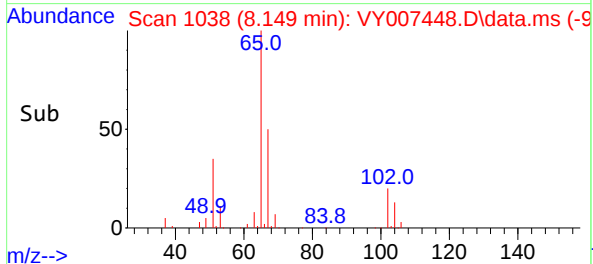
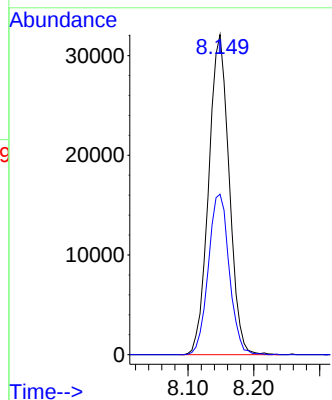
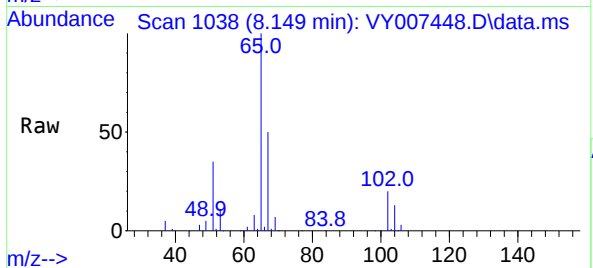




#33  
1,2-Dichloroethane-d4  
Concen: 60.300 ug/l  
RT: 8.149 min Scan# 1037  
Delta R.T. 0.006 min  
Lab File: VY007448.D  
Acq: 09 Feb 2022 13:26

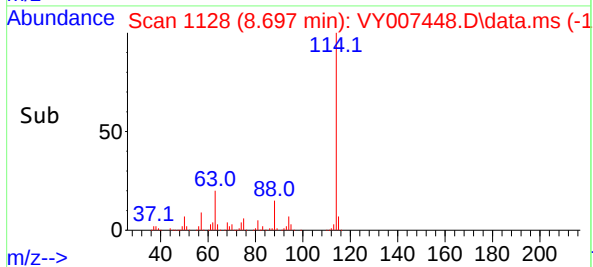
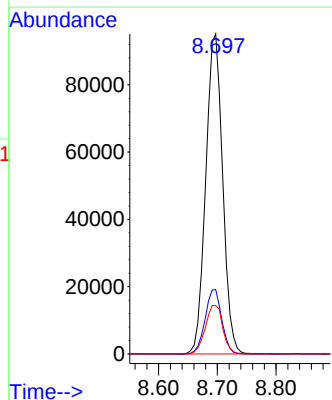
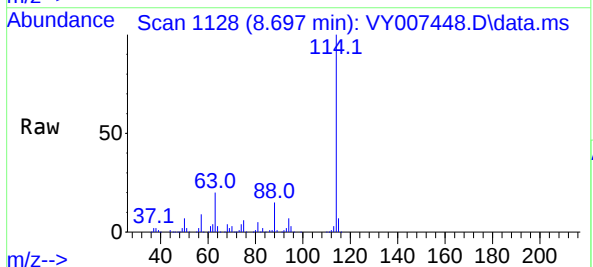
Instrument :  
MSVOA\_Y  
ClientSampleId :  
POST-EX-03-0207

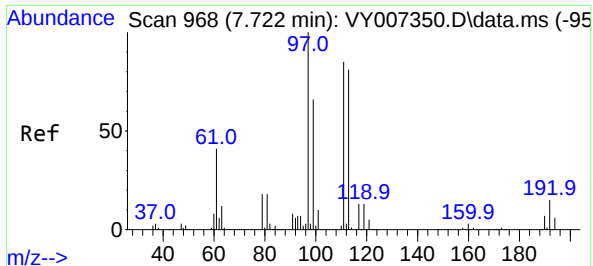
Tgt Ion: 65 Resp: 69533  
Ion Ratio Lower Upper  
65 100  
67 51.1 0.0 99.4



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. 0.006 min  
Lab File: VY007448.D  
Acq: 09 Feb 2022 13:26

Tgt Ion: 114 Resp: 190308  
Ion Ratio Lower Upper  
114 100  
63 20.1 0.0 43.2  
88 15.1 0.0 31.8

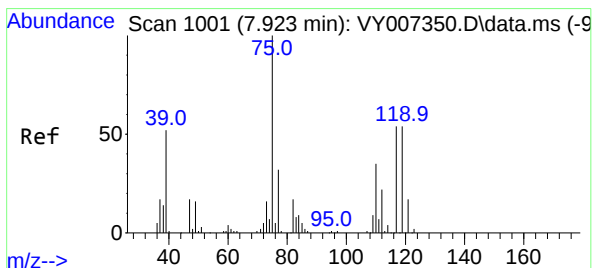
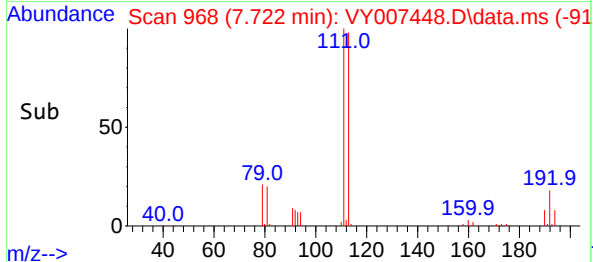
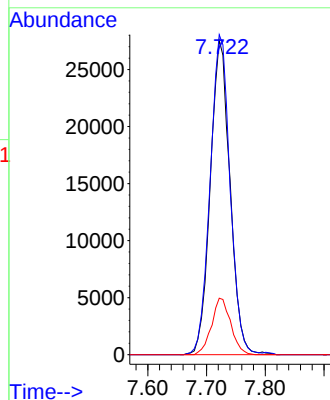
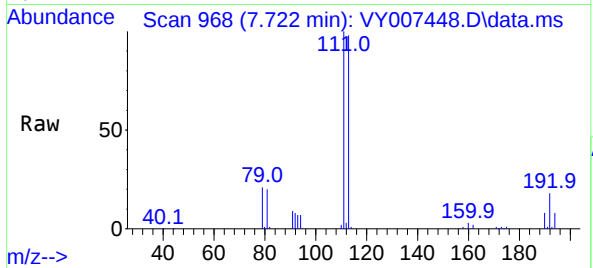




#35  
Dibromofluoromethane  
Concen: 52.486 ug/l  
RT: 7.722 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VY007448.D  
Acq: 09 Feb 2022 13:26

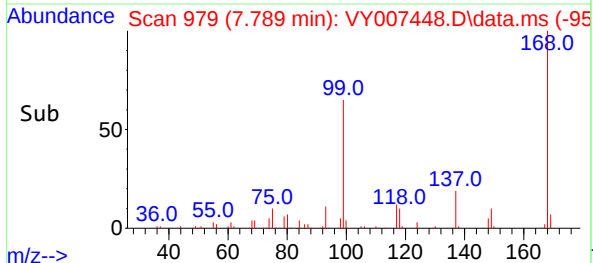
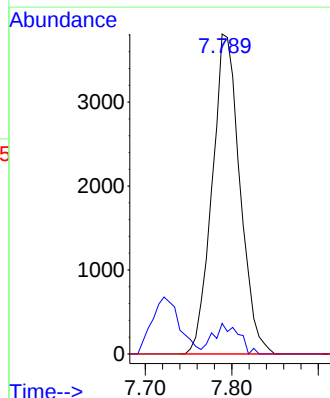
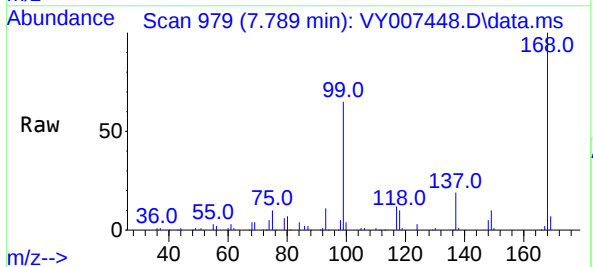
Instrument :  
MSVOA\_Y  
ClientSampleId :  
POST-EX-03-0207

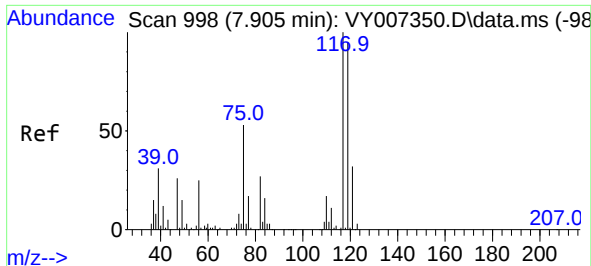
Tgt Ion:113 Resp: 64140  
Ion Ratio Lower Upper  
113 100  
111 102.9 82.6 124.0  
192 17.5 17.6 26.4#



#36  
1,1-Dichloropropene  
Concen: 3.966 ug/l  
RT: 7.789 min Scan# 979  
Delta R.T. -0.134 min  
Lab File: VY007448.D  
Acq: 09 Feb 2022 13:26

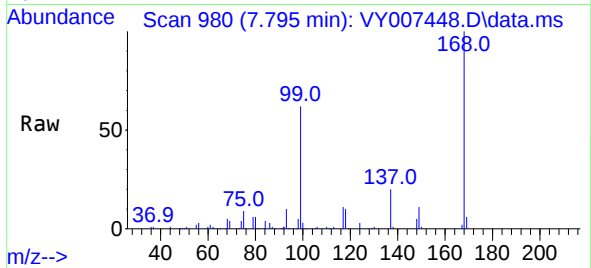
Tgt Ion: 75 Resp: 8474  
Ion Ratio Lower Upper  
75 100  
110 8.7 17.1 51.2#  
77 0.0 24.4 36.6#



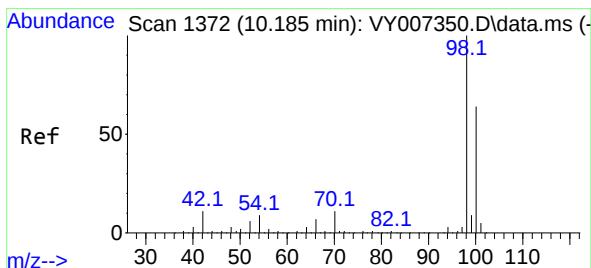
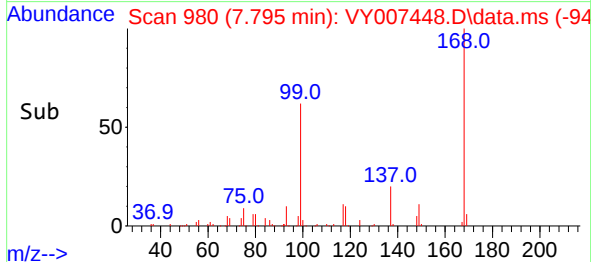
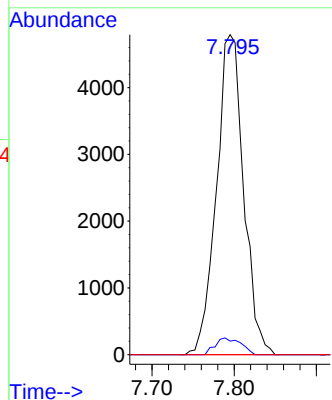


#38  
Carbon Tetrachloride  
Concen: 4.896 ug/l  
RT: 7.795 min Scan# 91  
Delta R.T. -0.110 min  
Lab File: VY007448.D  
Acq: 09 Feb 2022 13:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
POST-EX-03-0207

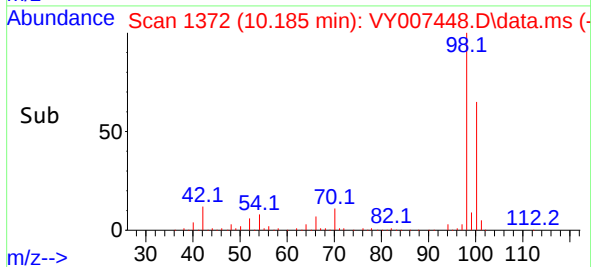
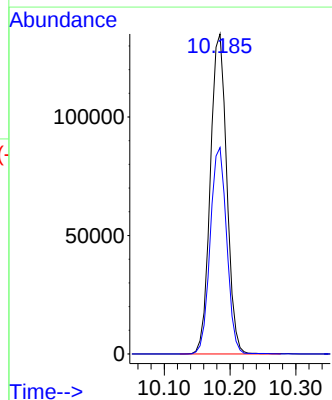
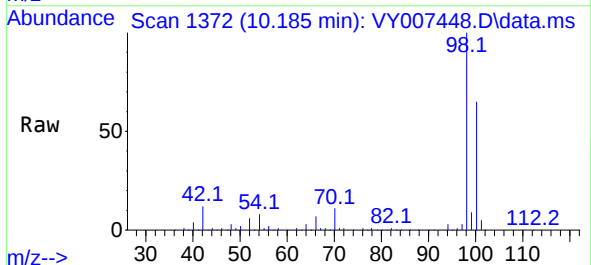


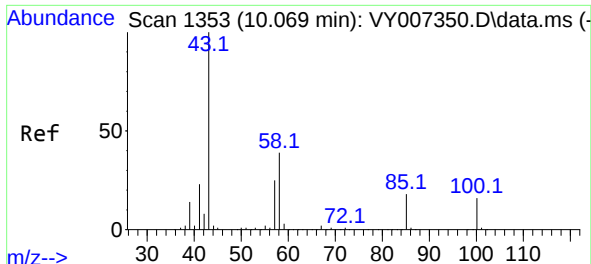
Tgt Ion:117 Resp: 10989  
Ion Ratio Lower Upper  
117 100  
119 4.3 77.9 116.9#  
121 0.0 24.8 37.2#



#50  
Toluene-d8  
Concen: 51.925 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY007448.D  
Acq: 09 Feb 2022 13:26

Tgt Ion: 98 Resp: 234431  
Ion Ratio Lower Upper  
98 100  
100 64.6 50.2 75.2

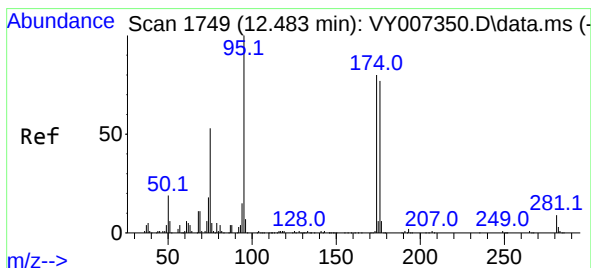
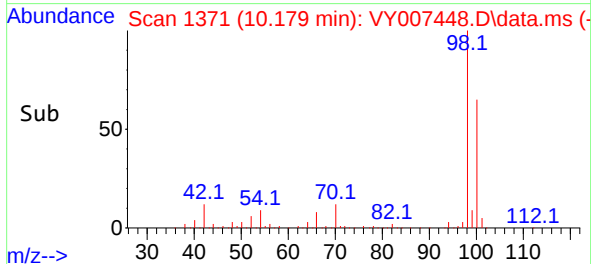
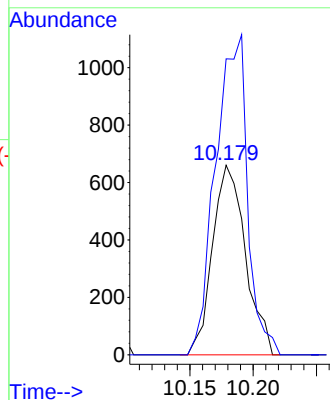
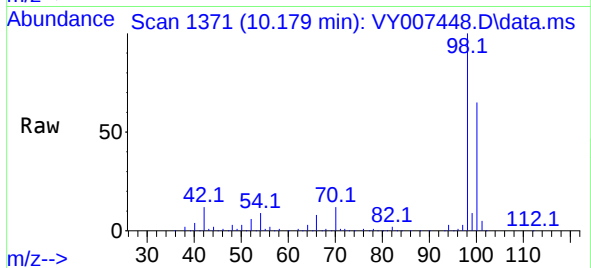




#51  
4-Methyl-2-Pentanone  
Concen: 1.186 ug/l  
RT: 10.179 min Scan# 11  
Delta R.T. 0.110 min  
Lab File: VY007448.D  
Acq: 09 Feb 2022 13:26

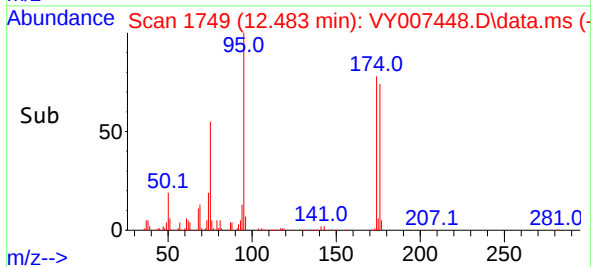
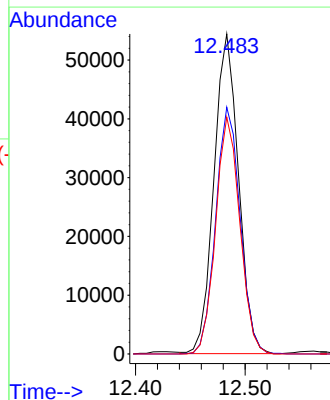
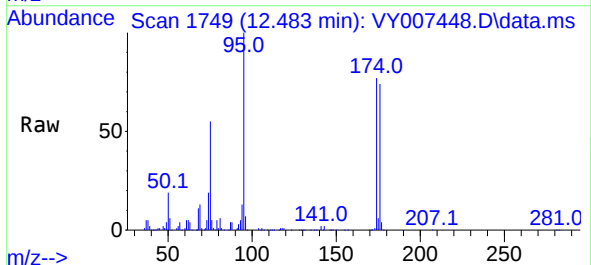
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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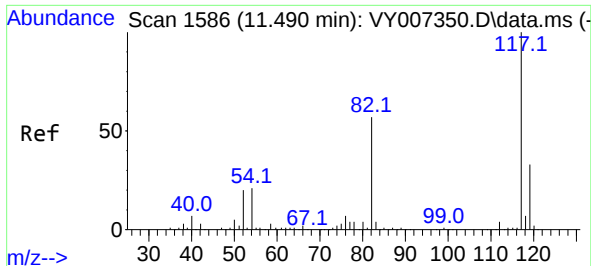
Tgt Ion: 43 Resp: 1195  
Ion Ratio Lower Upper  
43 100  
58 163.7 28.1 42.1#



#62  
4-Bromofluorobenzene  
Concen: 54.989 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY007448.D  
Acq: 09 Feb 2022 13:26

Tgt Ion: 95 Resp: 84383  
Ion Ratio Lower Upper  
95 100  
174 77.3 0.0 177.0  
176 73.2 0.0 175.8

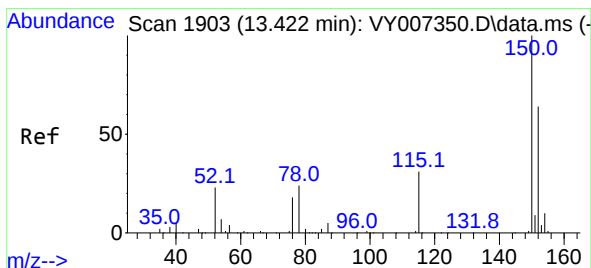
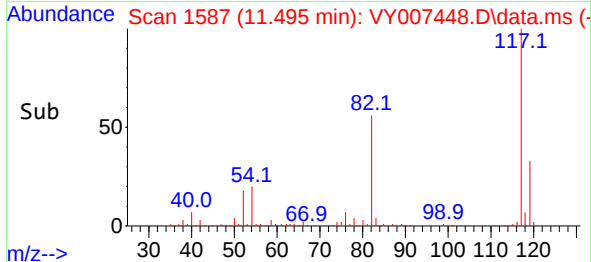
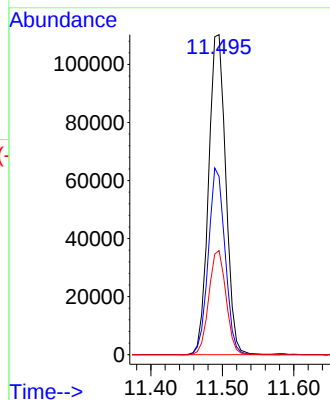
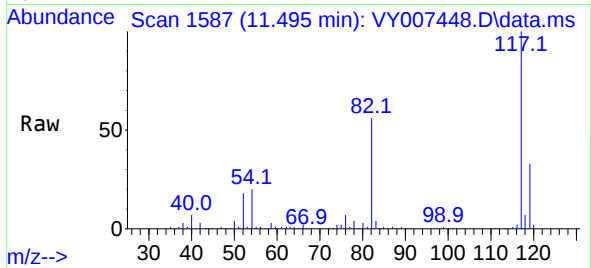




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.495 min Scan# 11  
Delta R.T. 0.006 min  
Lab File: VY007448.D  
Acq: 09 Feb 2022 13:26

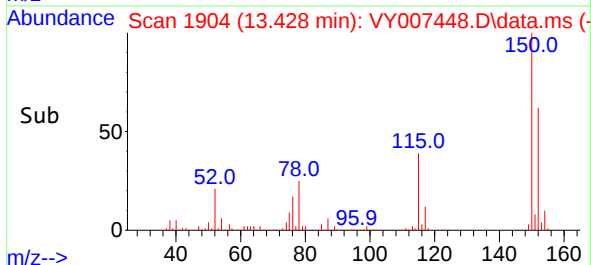
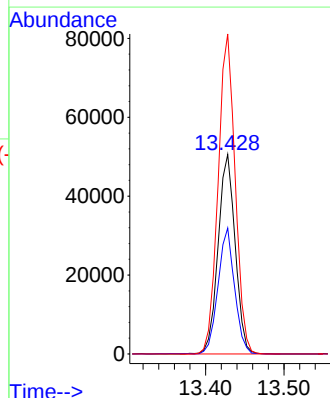
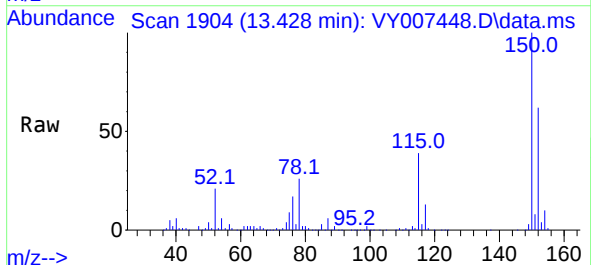
Instrument :  
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ClientSampleId :  
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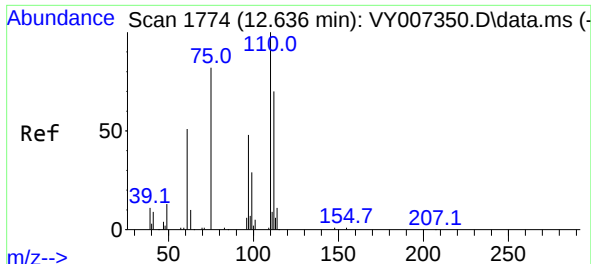
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Ion Ratio Lower Upper  
117 100  
82 55.6 43.0 64.4  
119 32.6 25.4 38.0



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. 0.006 min  
Lab File: VY007448.D  
Acq: 09 Feb 2022 13:26

Tgt Ion:152 Resp: 76747  
Ion Ratio Lower Upper  
152 100  
115 61.1 28.2 84.7  
150 160.3 0.0 347.6

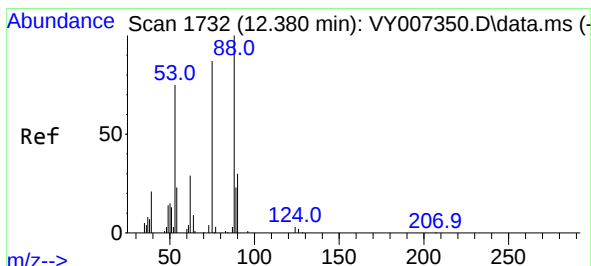
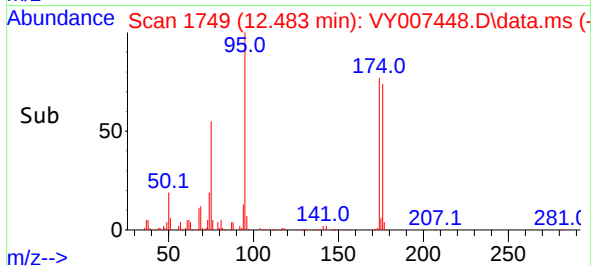
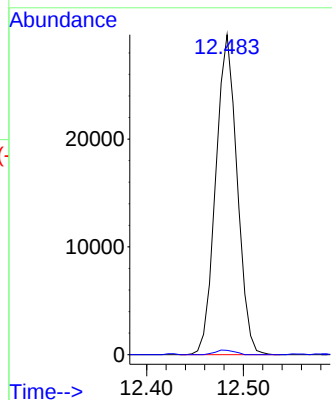
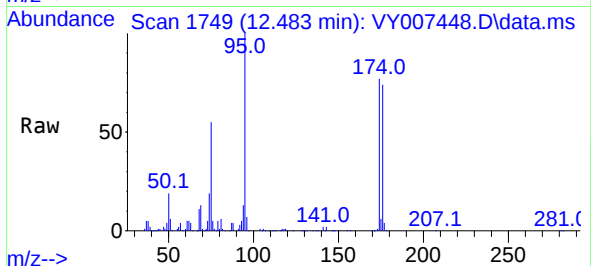




#76  
1,2,3-Trichloropropane  
Concen: 49.962 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.153 min  
Lab File: VY007448.D  
Acq: 09 Feb 2022 13:26

Instrument :  
MSVOA\_Y  
ClientSampleId :  
POST-EX-03-0207

Tgt Ion: 75 Resp: 45584  
Ion Ratio Lower Upper  
75 100  
77 1.3 0.0 0.0#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 100.094 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.104 min  
Lab File: VY007448.D  
Acq: 09 Feb 2022 13:26

Tgt Ion: 75 Resp: 45584  
Ion Ratio Lower Upper  
75 100  
53 0.1 85.3 127.9#  
89 0.1 37.0 55.4#

