

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY061121\  
 Data File : VY005120.D  
 Acq On : 11 Jun 2021 13:34  
 Operator : SY/MD  
 Sample : M2672-11  
 Misc : 5.85G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 17-B6(48-52)

Quant Time: Jun 12 00:35:55 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060221S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 03 04:43:33 2021  
 Response via : Initial Calibration

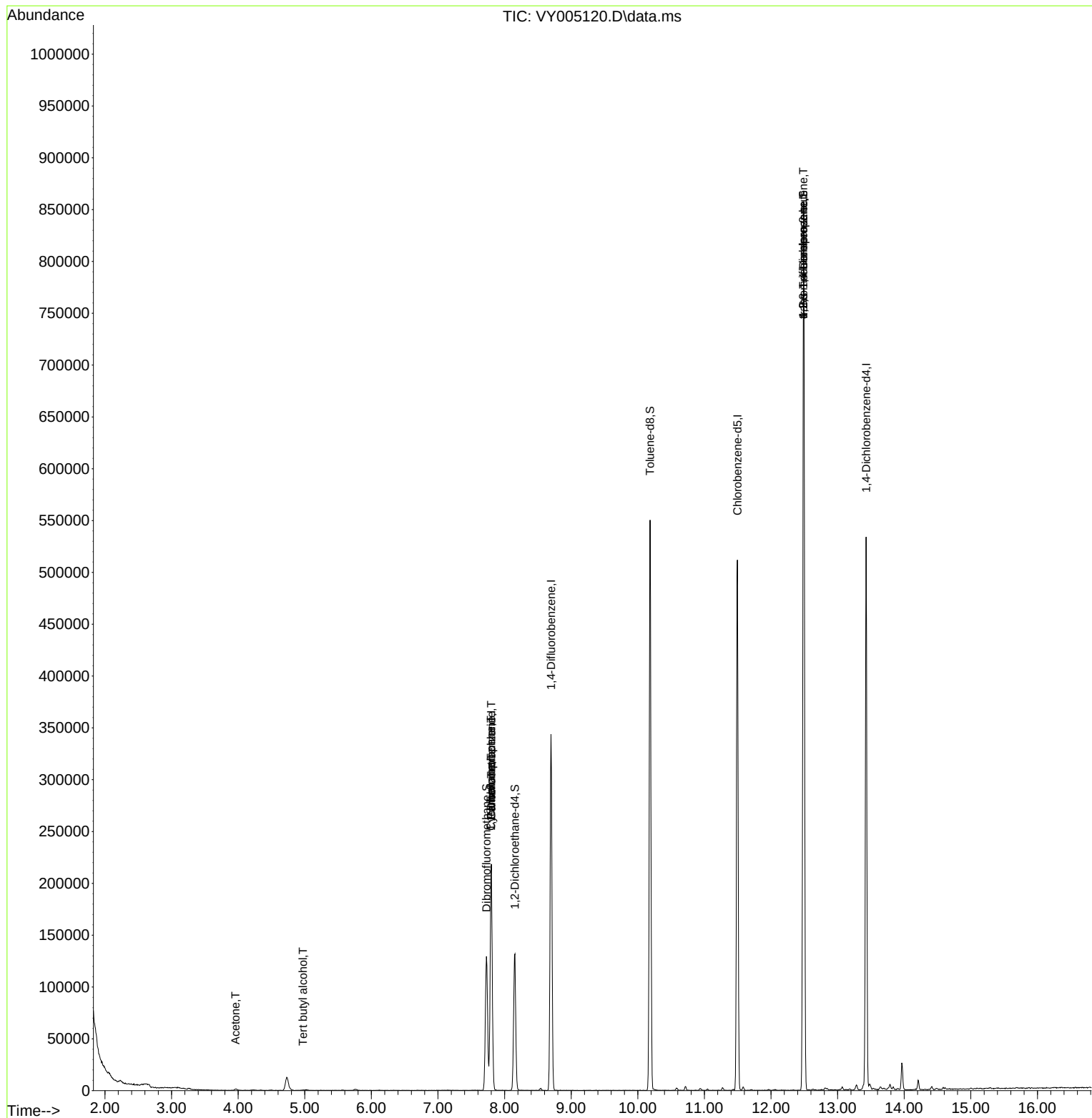
| Compound                      | R.T.           | QIon | Response           | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|--------------------|-----------|--------|----------|
| -----                         |                |      |                    |           |        |          |
| Internal Standards            |                |      |                    |           |        |          |
| 1) Pentafluorobenzene         | 7.801          | 168  | 163950             | 50.00     | ug/l   | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.697          | 114  | 294612             | 50.00     | ug/l   | 0.00     |
| 63) Chlorobenzene-d5          | 11.496         | 117  | 284852             | 50.00     | ug/l   | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.428         | 152  | 133968             | 50.00     | ug/l   | 0.00     |
|                               |                |      |                    |           |        |          |
| System Monitoring Compounds   |                |      |                    |           |        |          |
| 33) 1,2-Dichloroethane-d4     | 8.155          | 65   | 104709             | 60.41     | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 50 - 163 |      | Recovery = 120.82% |           |        |          |
| 35) Dibromofluoromethane      | 7.728          | 113  | 91610              | 57.80     | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 54 - 147 |      | Recovery = 115.60% |           |        |          |
| 50) Toluene-d8                | 10.185         | 98   | 360608             | 54.78     | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 49 - 140 |      | Recovery = 109.56% |           |        |          |
| 62) 4-Bromofluorobenzene      | 12.483         | 95   | 123625             | 54.61     | ug/l   | 0.00     |
| Spiked Amount 50.000          | Range 25 - 144 |      | Recovery = 109.22% |           |        |          |
|                               |                |      |                    |           |        |          |
| Target Compounds              |                |      |                    |           |        | Qvalue   |
| 11) Tert butyl alcohol        | 4.972          | 59   | 1053               | 5.28      | ug/l # | 74       |
| 16) Acetone                   | 3.960          | 43   | 2440               | 5.85      | ug/l   | 91       |
| 20) Methylene Chloride        | 4.728          | 84   | 10082              | Below Cal | #      | 85       |
| 31) Cyclohexane               | 7.795          | 56   | 3292               | 1.08      | ug/l # | 7        |
| 36) 1,1-Dichloropropene       | 7.795          | 75   | 12645              | 4.39      | ug/l # | 50       |
| 38) Carbon Tetrachloride      | 7.801          | 117  | 16232              | 6.47      | ug/l # | 16       |
| 76) 1,2,3-Trichloropropane    | 12.483         | 75   | 70617              | 48.09     | ug/l # | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.483         | 75   | 70617              | 88.37     | ug/l # | 16       |
| -----                         |                |      |                    |           |        |          |

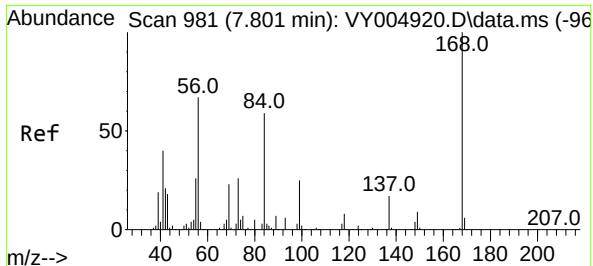
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY061121\  
Data File : VY005120.D  
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Sample : M2672-11  
Misc : 5.85G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 9 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
17-B6(48-52)

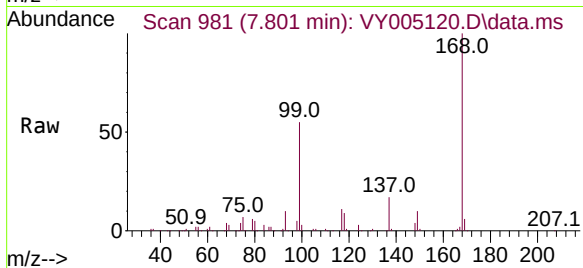
Quant Time: Jun 12 00:35:55 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060221S.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 03 04:43:33 2021  
Response via : Initial Calibration



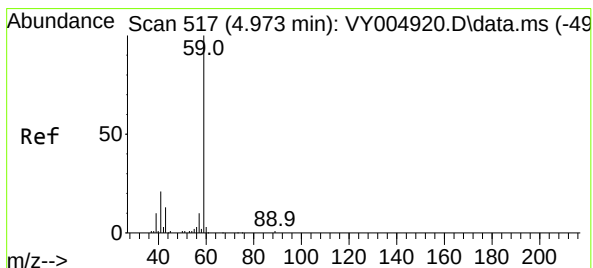
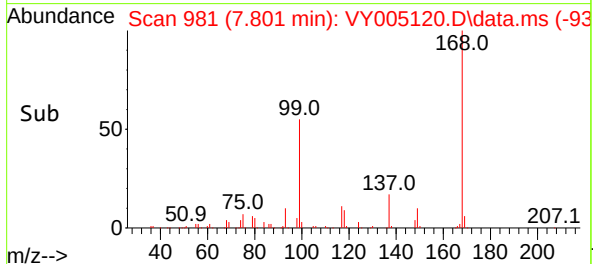
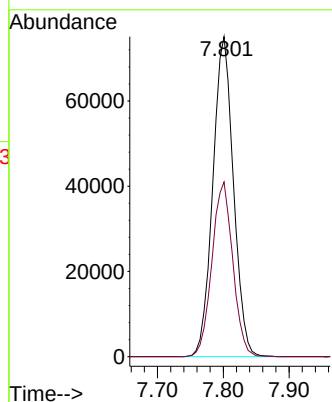


#1  
Pentafluorobenzene  
Concen: 50.00 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY005120.D  
Acq: 11 Jun 2021 13:34

Instrument :  
MSVOA\_Y  
ClientSampleId :  
17-B6(48-52)

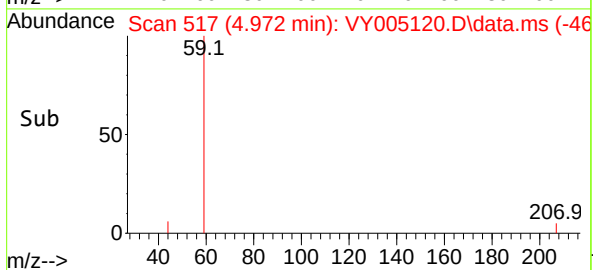
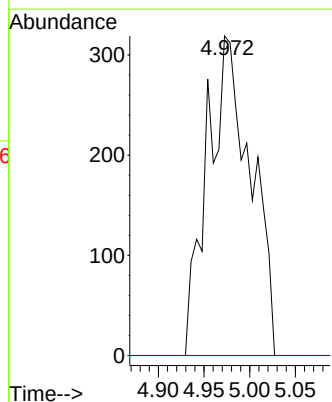
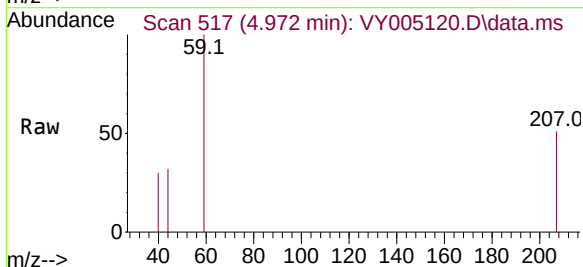


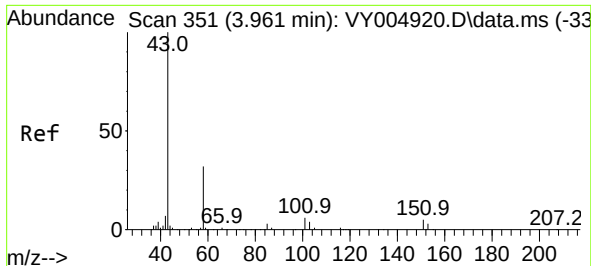
Tgt Ion:168 Resp: 163950  
Ion Ratio Lower Upper  
168 100  
99 54.6 43.9 65.9



#11  
Tert butyl alcohol  
Concen: 5.28 ug/l  
RT: 4.972 min Scan# 517  
Delta R.T. -0.001 min  
Lab File: VY005120.D  
Acq: 11 Jun 2021 13:34

Tgt Ion: 59 Resp: 1053  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.7 11.5#

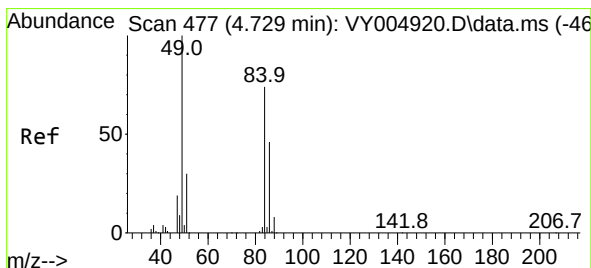
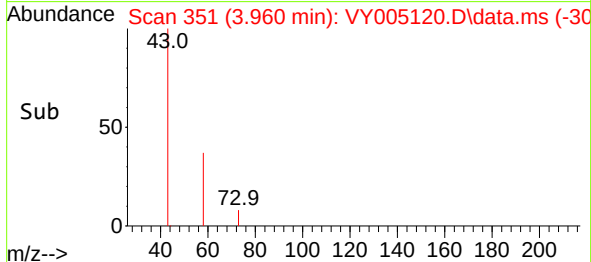
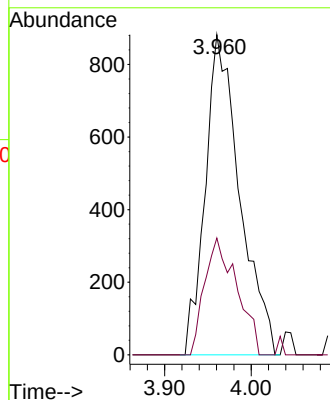
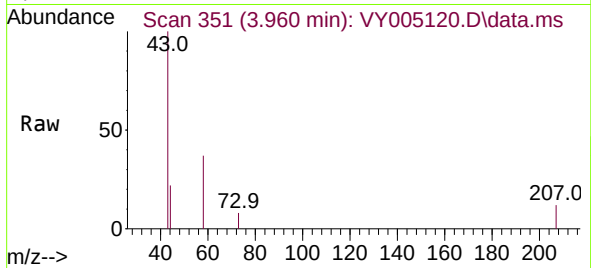




#16  
Acetone  
Concen: 5.85 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. -0.000 min  
Lab File: VY005120.D  
Acq: 11 Jun 2021 13:34

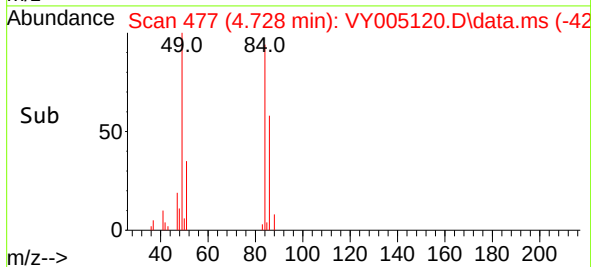
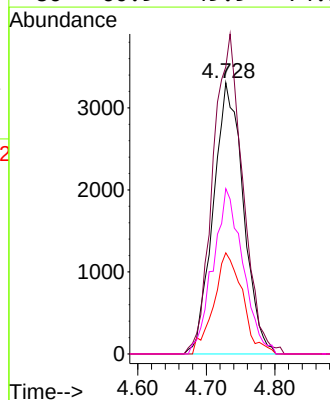
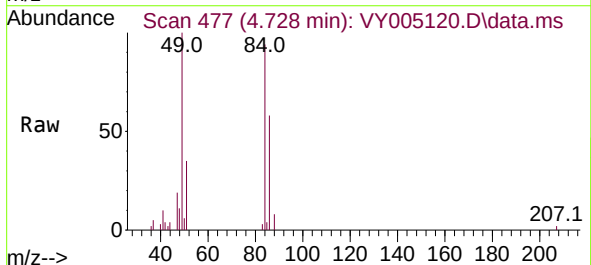
Instrument :  
MSVOA\_Y  
ClientSampleId :  
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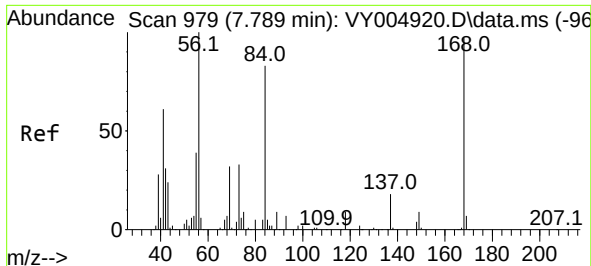
Tgt Ion: 43 Resp: 2440  
Ion Ratio Lower Upper  
43 100  
58 36.5 25.3 37.9



#20  
Methylene Chloride  
Concen: Below Cal  
RT: 4.728 min Scan# 477  
Delta R.T. -0.001 min  
Lab File: VY005120.D  
Acq: 11 Jun 2021 13:34

Tgt Ion: 84 Resp: 10082  
Ion Ratio Lower Upper  
84 100  
49 105.8 108.0 162.0#  
51 37.3 32.6 48.8  
86 60.9 49.9 74.9

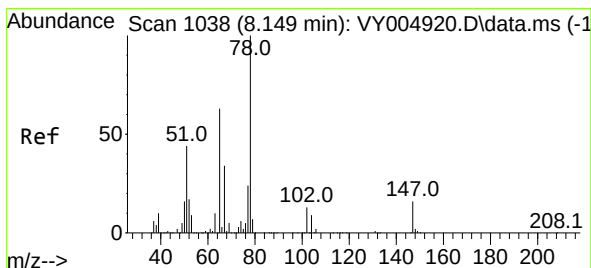
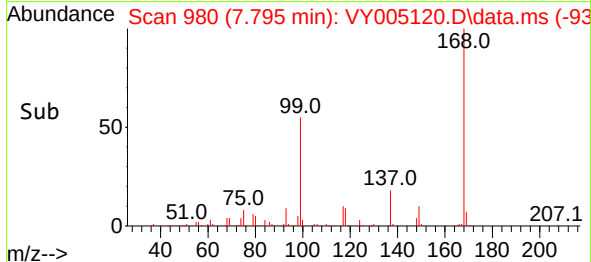
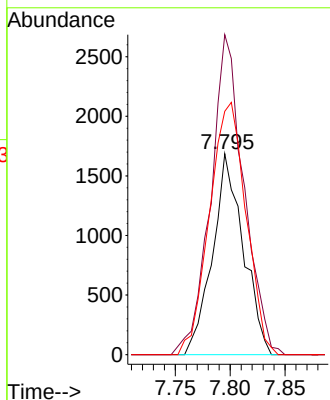
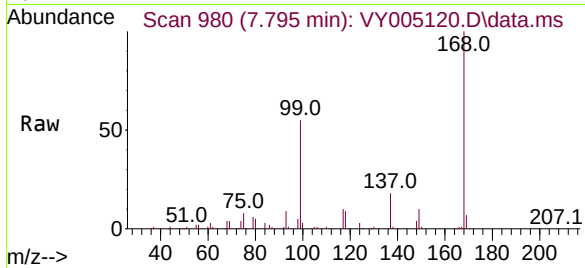




#31  
Cyclohexane  
Concen: 1.08 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.006 min  
Lab File: VY005120.D  
Acq: 11 Jun 2021 13:34

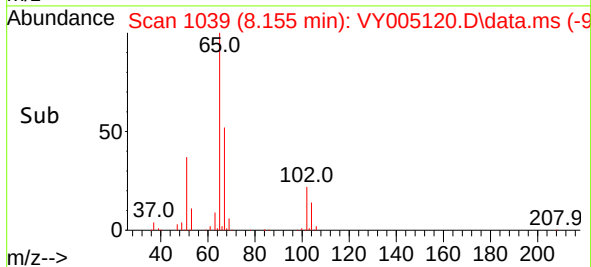
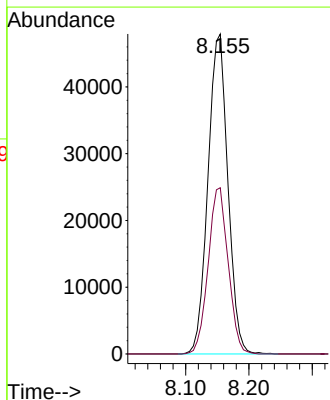
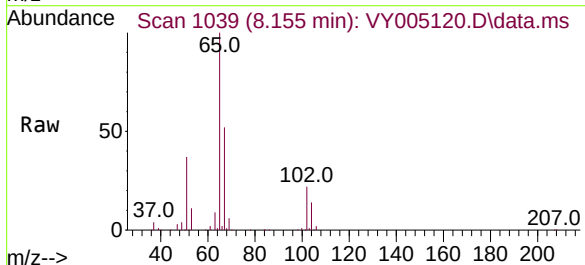
Instrument :  
MSVOA\_Y  
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17-B6(48-52)

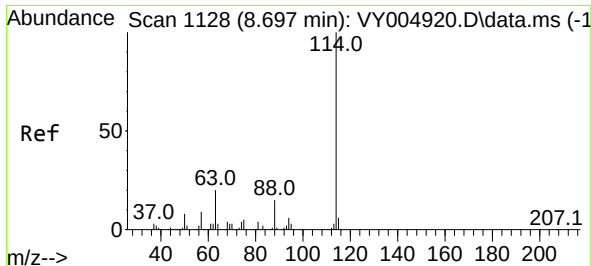
Tgt Ion: 56 Resp: 3292  
Ion Ratio Lower Upper  
56 100  
69 156.2 25.3 37.9#  
84 121.1 66.2 99.4#



#33  
1,2-Dichloroethane-d4  
Concen: 60.41 ug/l  
RT: 8.155 min Scan# 1039  
Delta R.T. 0.006 min  
Lab File: VY005120.D  
Acq: 11 Jun 2021 13:34

Tgt Ion: 65 Resp: 104709  
Ion Ratio Lower Upper  
65 100  
67 52.1 0.0 110.6

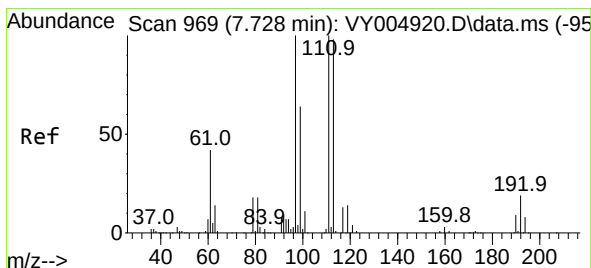
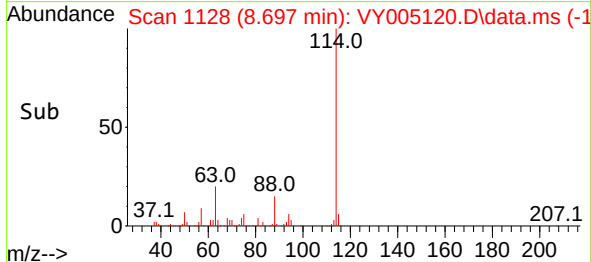
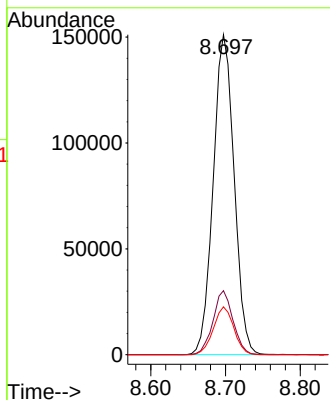
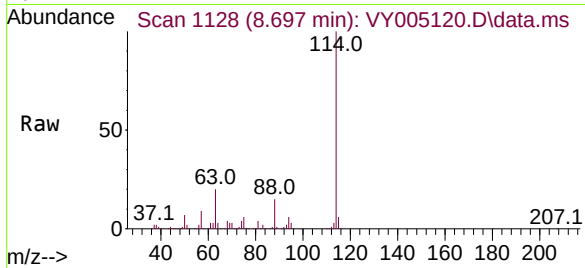




#34  
1,4-Difluorobenzene  
Concen: 50.00 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VY005120.D  
Acq: 11 Jun 2021 13:34

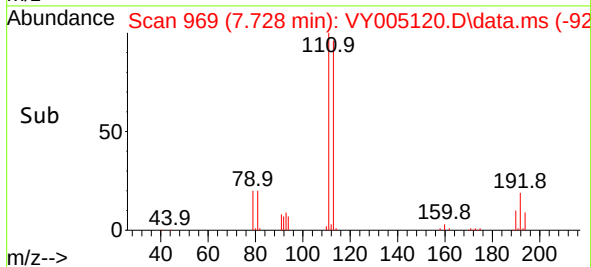
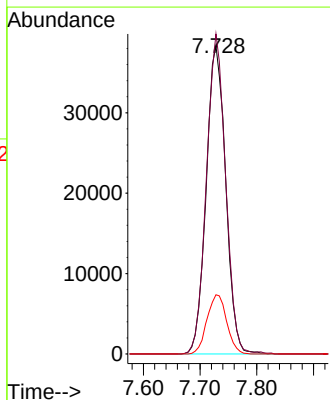
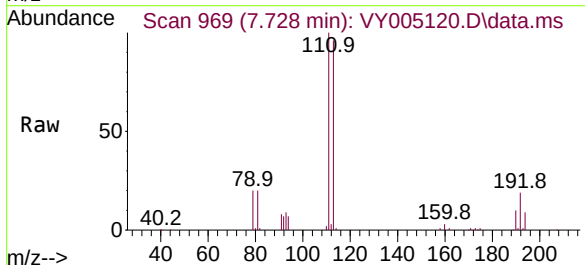
Instrument :  
MSVOA\_Y  
ClientSampleId :  
17-B6(48-52)

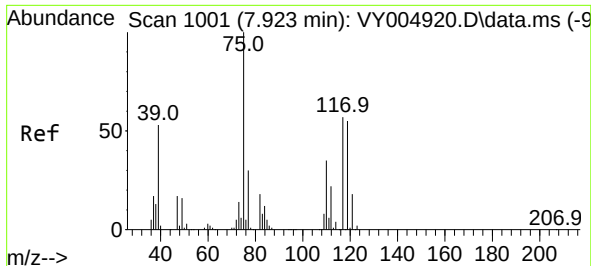
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 20.0  | 0.0   | 41.0  |
| 88      | 14.9  | 0.0   | 30.6  |



#35  
Dibromofluoromethane  
Concen: 57.80 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: VY005120.D  
Acq: 11 Jun 2021 13:34

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.1 | 81.8  | 122.8 |
| 192     | 19.4  | 15.3  | 22.9  |





#36

1,1-Dichloropropene

Concen: 4.39 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005120.D

Acq: 11 Jun 2021 13:34

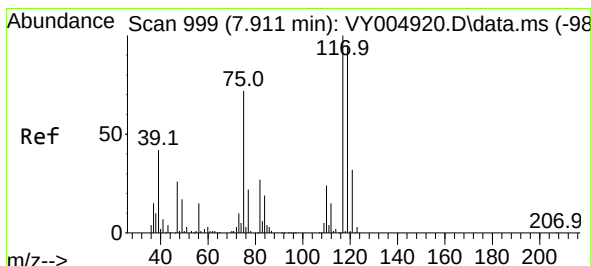
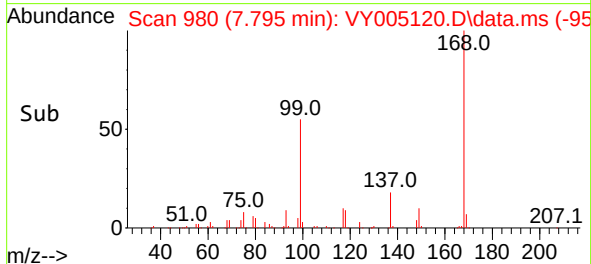
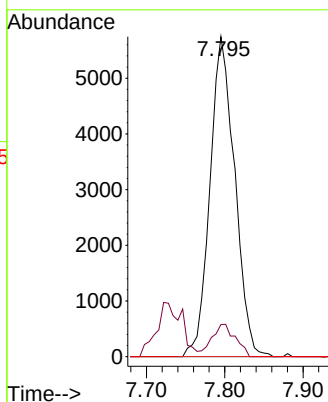
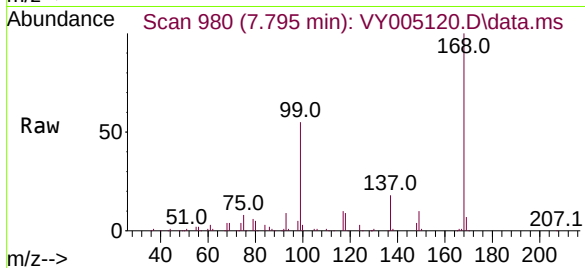
Instrument :

MSVOA\_Y

ClientSampleId :

17-B6(48-52)

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 12645 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 9.7   | 17.5  | 52.5# |
| 77       | 0.0   | 25.1  | 37.7# |



#38

Carbon Tetrachloride

Concen: 6.47 ug/l

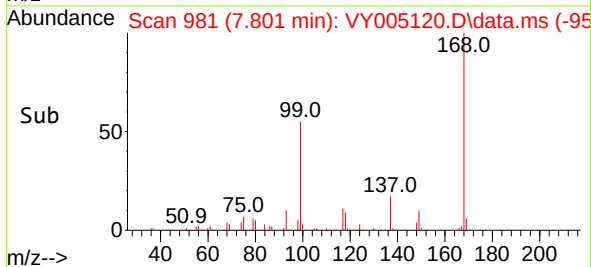
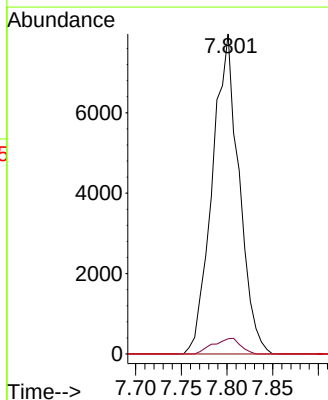
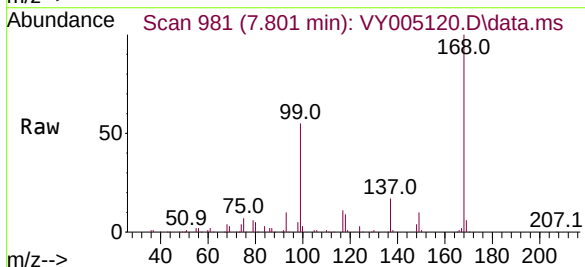
RT: 7.801 min Scan# 981

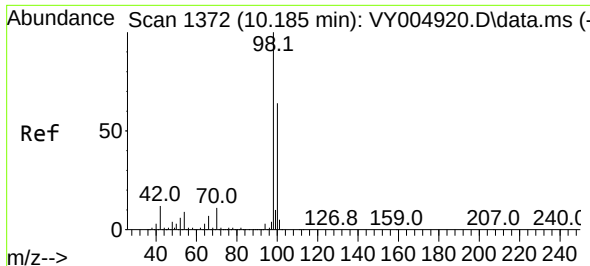
Delta R.T. -0.110 min

Lab File: VY005120.D

Acq: 11 Jun 2021 13:34

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 16232  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 4.7   | 76.1  | 114.1# |
| 121      | 0.0   | 25.5  | 38.3#  |

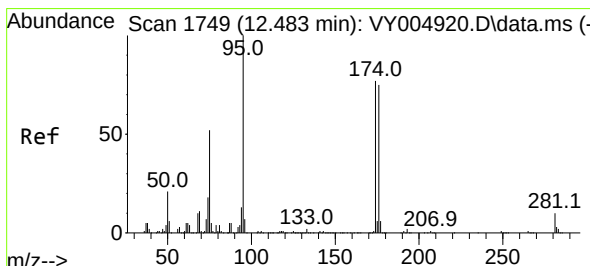
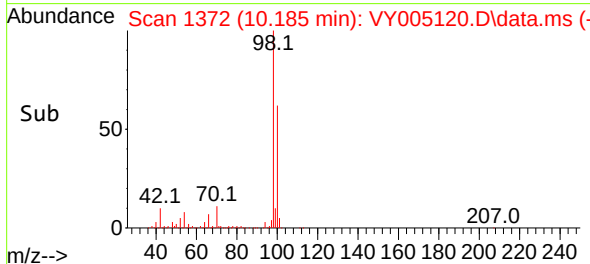
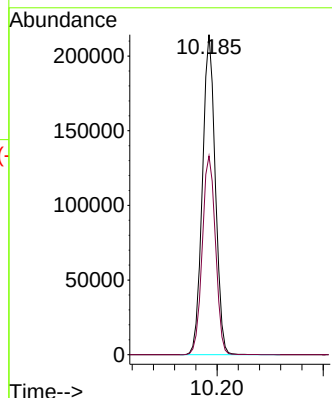
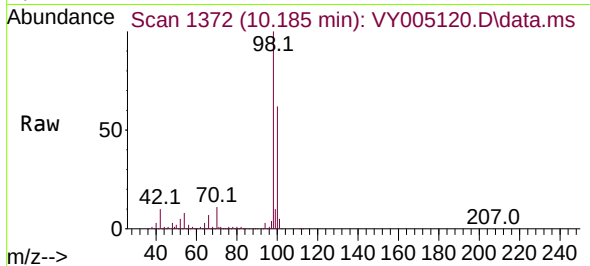




#50  
Toluene-d8  
Concen: 54.78 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY005120.D  
Acq: 11 Jun 2021 13:34

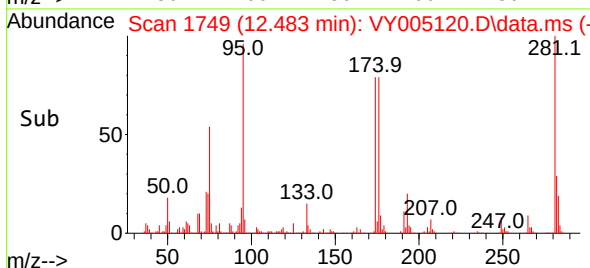
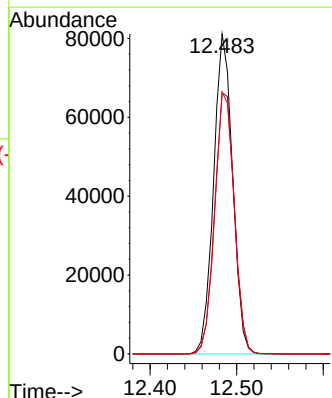
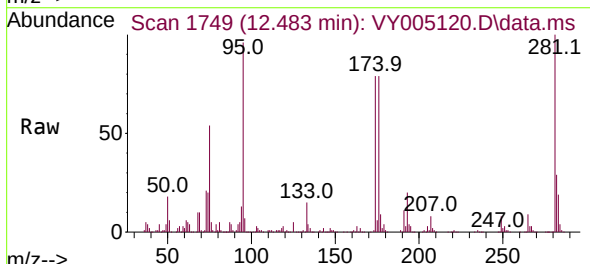
Instrument :  
MSVOA\_Y  
ClientSampleId :  
17-B6(48-52)

Tgt Ion: 98 Resp: 360608  
Ion Ratio Lower Upper  
98 100  
100 63.7 51.8 77.6

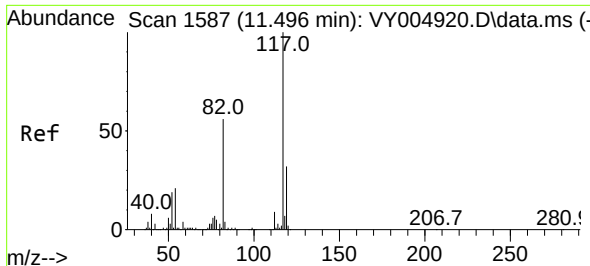


#62  
4-Bromofluorobenzene  
Concen: 54.61 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY005120.D  
Acq: 11 Jun 2021 13:34

Tgt Ion: 95 Resp: 123625  
Ion Ratio Lower Upper  
95 100  
174 84.7 0.0 160.8  
176 84.1 0.0 155.6



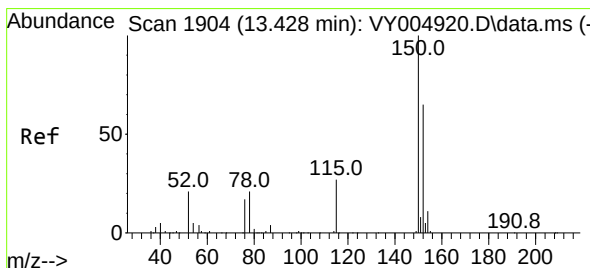
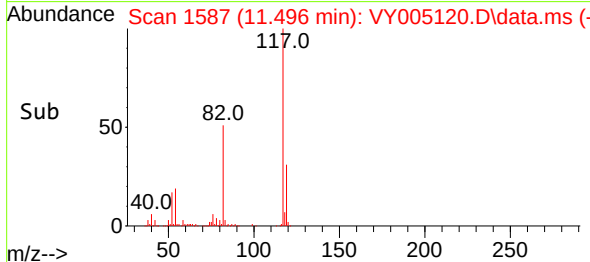
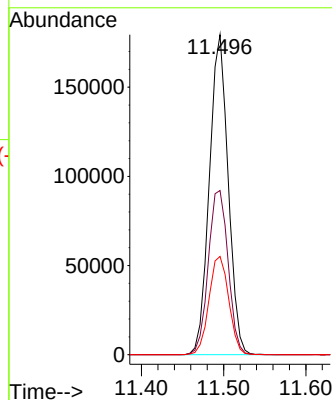
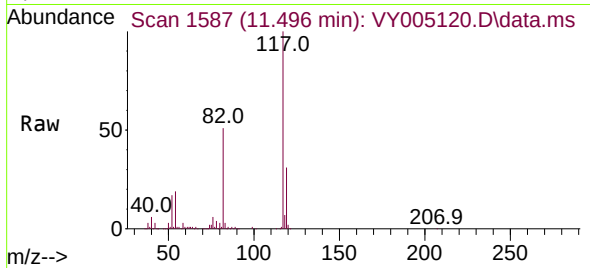




#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY005120.D  
Acq: 11 Jun 2021 13:34

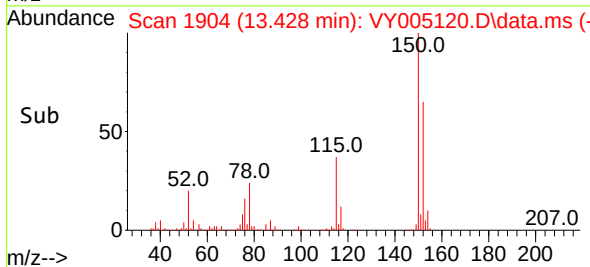
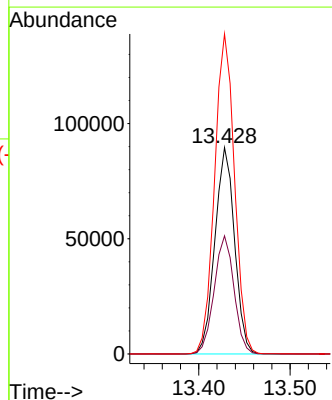
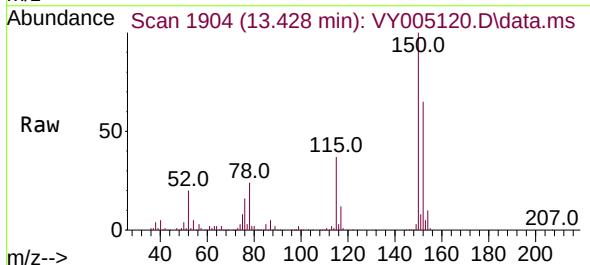
Instrument :  
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ClientSampleId :  
17-B6(48-52)

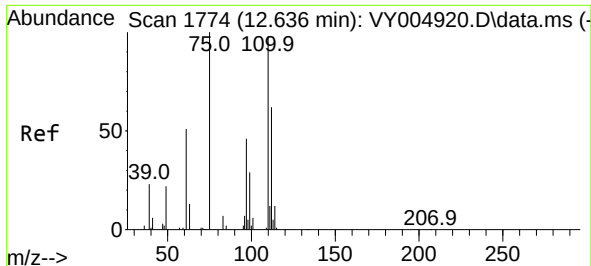
Tgt Ion:117 Resp: 284852  
Ion Ratio Lower Upper  
117 100  
82 51.3 44.8 67.2  
119 30.7 25.2 37.8



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.00 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VY005120.D  
Acq: 11 Jun 2021 13:34

Tgt Ion:152 Resp: 133968  
Ion Ratio Lower Upper  
152 100  
115 57.6 29.9 89.7  
150 157.0 0.0 347.8

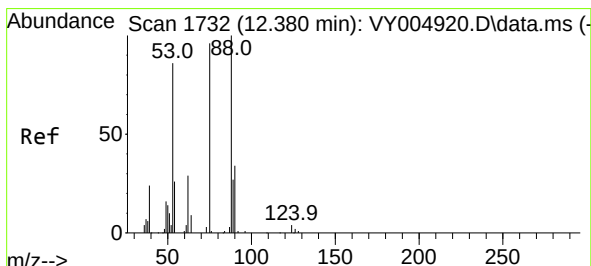
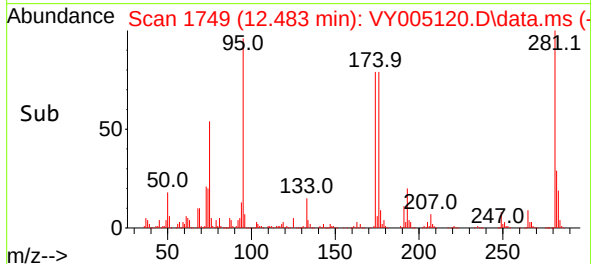
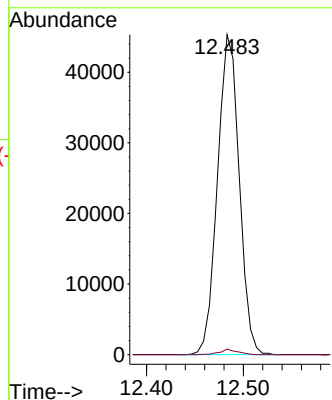
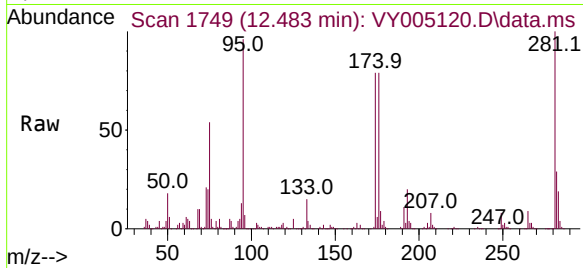




#76  
1,2,3-Trichloropropane  
Concen: 48.09 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.153 min  
Lab File: VY005120.D  
Acq: 11 Jun 2021 13:34

Instrument :  
MSVOA\_Y  
ClientSampleId :  
17-B6(48-52)

Tgt Ion: 75 Resp: 70617  
Ion Ratio Lower Upper  
75 100  
77 1.4 0.0 0.0#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 88.37 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.103 min  
Lab File: VY005120.D  
Acq: 11 Jun 2021 13:34

Tgt Ion: 75 Resp: 70617  
Ion Ratio Lower Upper  
75 100  
53 0.0 69.3 103.9#  
89 2.4 35.0 52.6#

