

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081221\  
 Data File : VY005620.D  
 Acq On : 12 Aug 2021 14:19  
 Operator : SY/MD  
 Sample : M3368-05  
 Misc : 4.75G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Aug 13 04:22:10 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080221S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Aug 03 04:52:05 2021  
 Response via : Initial Calibration

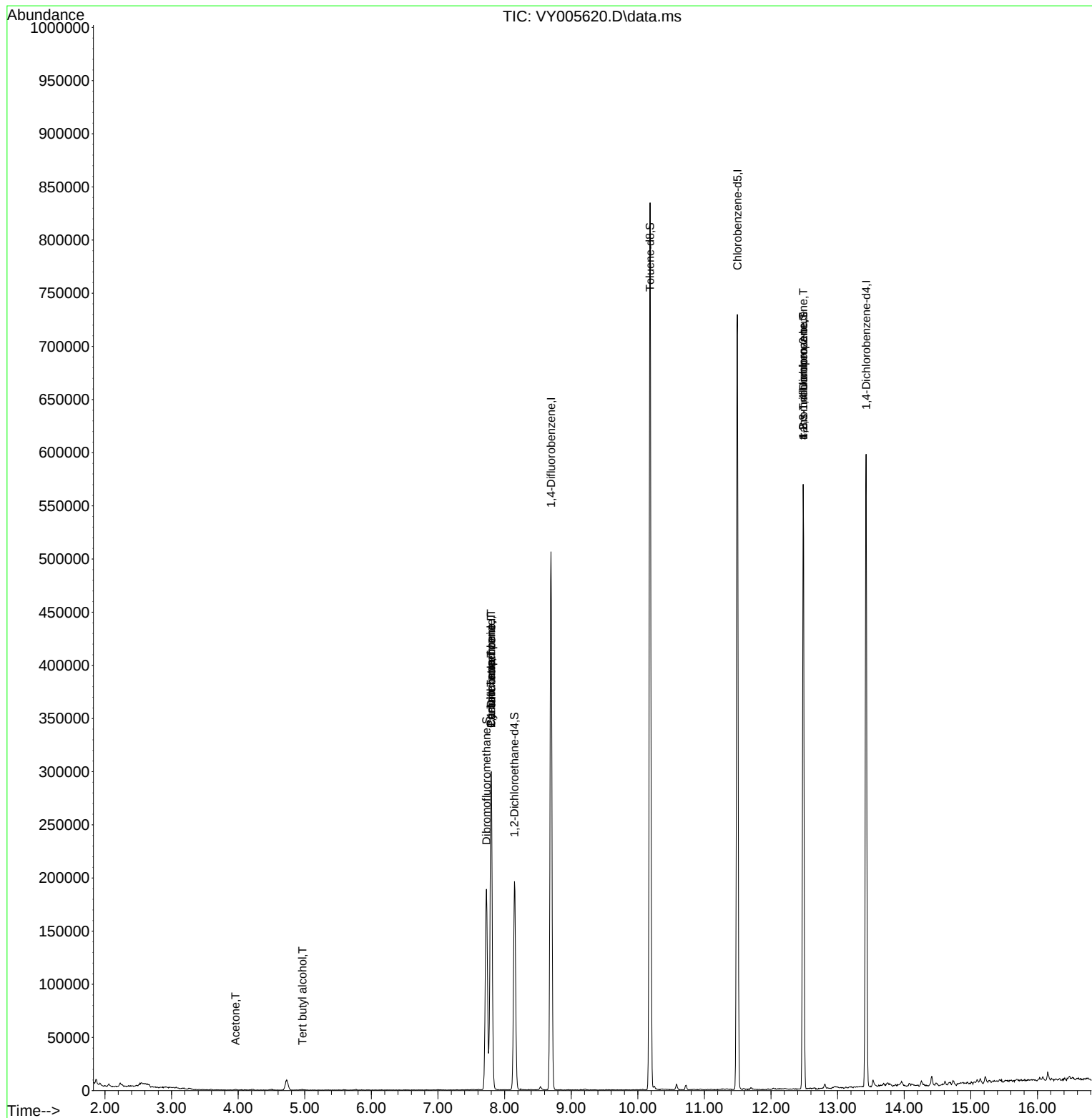
| Compound                      | R.T. QIon |       | Response | Conc      | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|-----------|------------|----------|
| -----                         |           |       |          |           |            |          |
| Internal Standards            |           |       |          |           |            |          |
| 1) Pentafluorobenzene         | 7.801     | 168   | 248074   | 50.000    | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.697     | 114   | 428542   | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.495    | 117   | 396013   | 50.000    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.428    | 152   | 154020   | 50.000    | ug/l       | 0.00     |
| System Monitoring Compounds   |           |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.148     | 65    | 158103   | 62.961    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 50 - 163 | Recovery  | = 125.920% |          |
| 35) Dibromofluoromethane      | 7.728     | 113   | 130596   | 54.431    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 54 - 147 | Recovery  | = 108.860% |          |
| 50) Toluene-d8                | 10.185    | 98    | 532703   | 52.939    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 49 - 140 | Recovery  | = 105.880% |          |
| 62) 4-Bromofluorobenzene      | 12.483    | 95    | 163722   | 49.133    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 25 - 144 | Recovery  | = 98.260%  |          |
| Target Compounds              |           |       |          |           |            |          |
|                               |           |       |          |           | Qvalue     |          |
| 11) Tert butyl alcohol        | 4.966     | 59    | 1352     | 5.446     | ug/l #     | 73       |
| 16) Acetone                   | 3.960     | 43    | 1008     | 1.592     | ug/l #     | 77       |
| 20) Methylene Chloride        | 4.728     | 84    | 7189     | Below Cal |            | 95       |
| 31) Cyclohexane               | 7.795     | 56    | 4842     | 1.124     | ug/l #     | 1        |
| 36) 1,1-Dichloropropene       | 7.795     | 75    | 17438    | 4.338     | ug/l #     | 49       |
| 38) Carbon Tetrachloride      | 7.795     | 117   | 22779    | 5.214     | ug/l #     | 18       |
| 76) 1,2,3-Trichloropropane    | 12.483    | 75    | 87801    | 55.010    | ug/l #     | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.483    | 75    | 87801    | 110.893   | ug/l #     | 11       |
| -----                         |           |       |          |           |            |          |

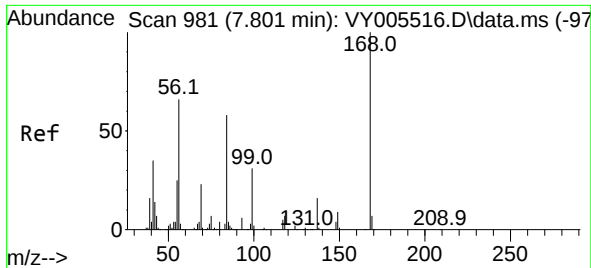
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY081221\  
Data File : VY005620.D  
Acq On : 12 Aug 2021 14:19  
Operator : SY/MD  
Sample : M3368-05  
Misc : 4.75G/5ML/MSVOA\_Y/SOIL  
ALS Vial : 13 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Aug 13 04:22:10 2021  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y080221S.M  
Quant Title : SW846 8260  
QLast Update : Tue Aug 03 04:52:05 2021  
Response via : Initial Calibration

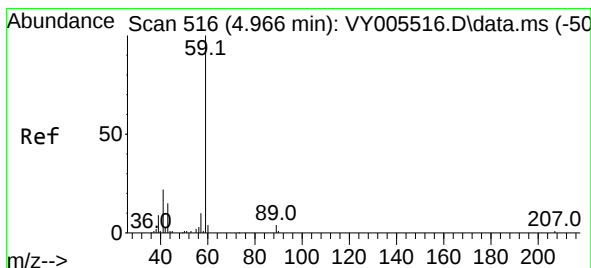
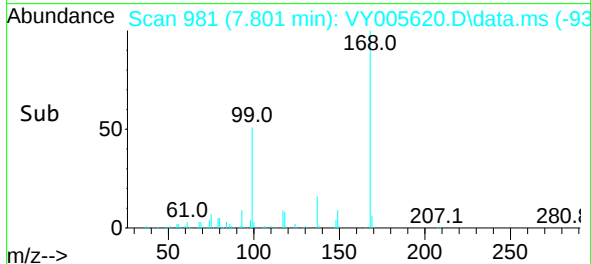
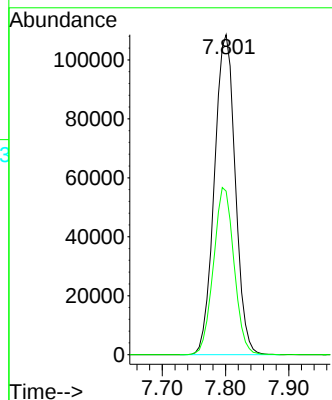
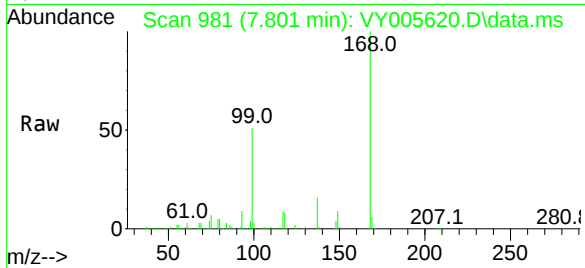




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. -0.000 min  
Lab File: VY005620.D  
Acq: 12 Aug 2021 14:19

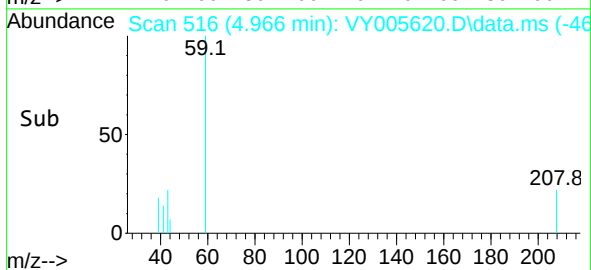
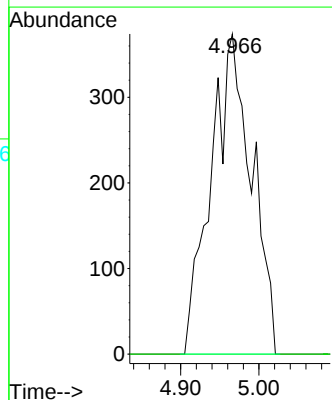
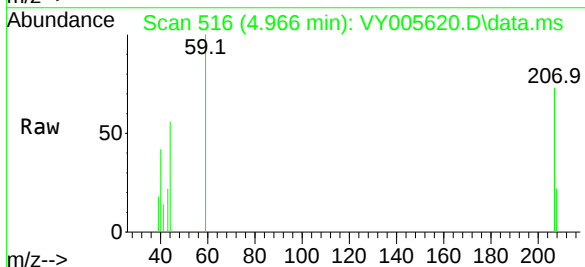
Instrument :  
MSVOA\_Y  
ClientSampled :

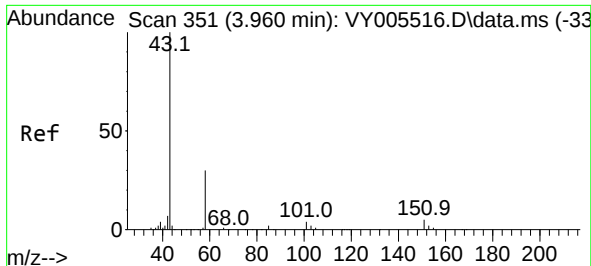
Tgt Ion:168 Resp: 248074  
Ion Ratio Lower Upper  
168 100  
99 51.1 38.9 58.3



#11  
Tert butyl alcohol  
Concen: 5.446 ug/l  
RT: 4.966 min Scan# 516  
Delta R.T. -0.000 min  
Lab File: VY005620.D  
Acq: 12 Aug 2021 14:19

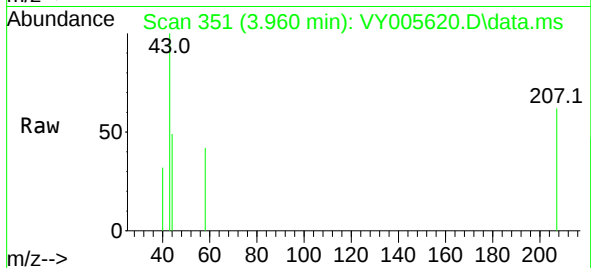
Tgt Ion: 59 Resp: 1352  
Ion Ratio Lower Upper  
59 100  
57 0.0 8.0 12.0#



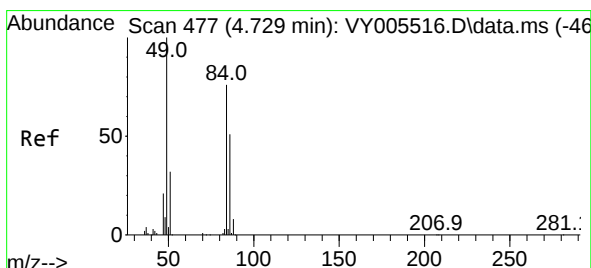
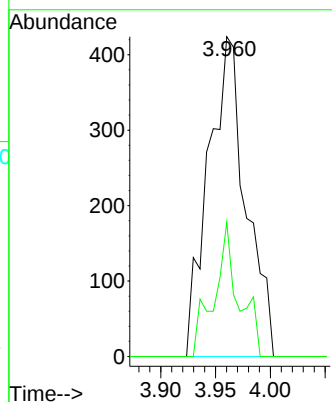
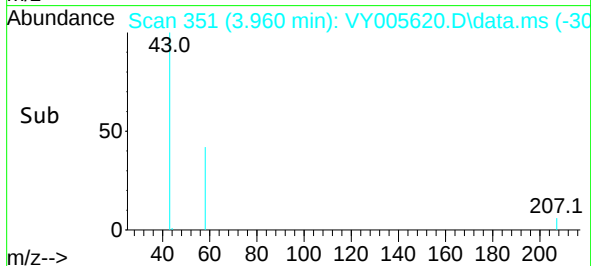


#16  
Acetone  
Concen: 1.592 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. -0.000 min  
Lab File: VY005620.D  
Acq: 12 Aug 2021 14:19

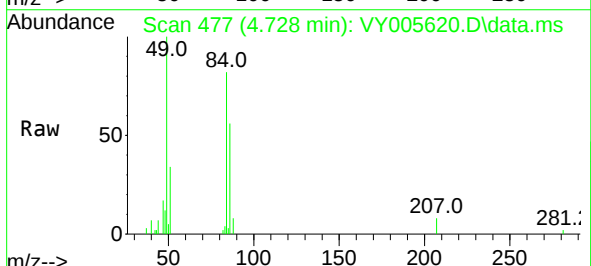
Instrument :  
MSVOA\_Y  
ClientSampled :



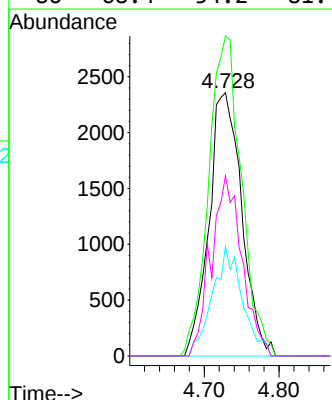
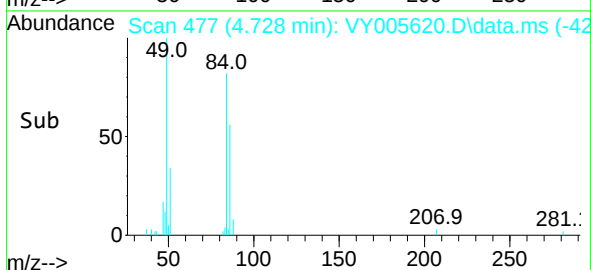
Tgt Ion: 43 Resp: 1008  
Ion Ratio Lower Upper  
43 100  
58 42.0 23.8 35.6#

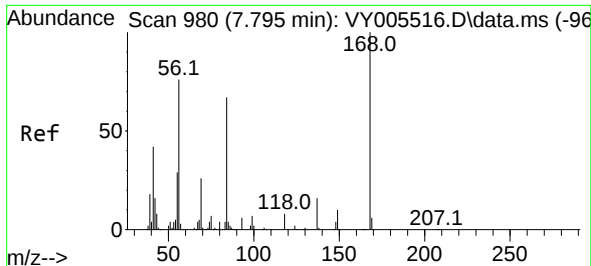


#20  
Methylene Chloride  
Concen: Below Cal  
RT: 4.728 min Scan# 477  
Delta R.T. -0.001 min  
Lab File: VY005620.D  
Acq: 12 Aug 2021 14:19



Tgt Ion: 84 Resp: 7189  
Ion Ratio Lower Upper  
84 100  
49 121.6 105.8 158.6  
51 41.7 33.4 50.2  
86 68.4 54.2 81.4

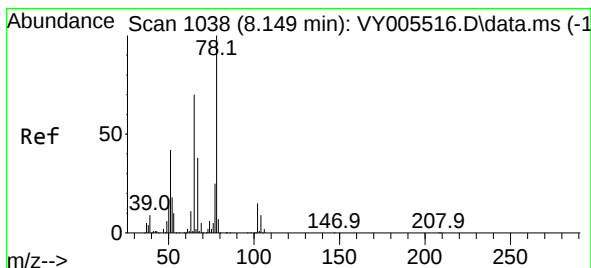
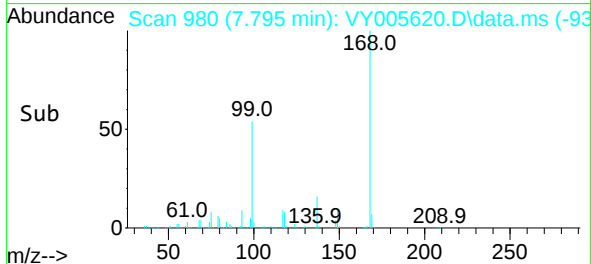
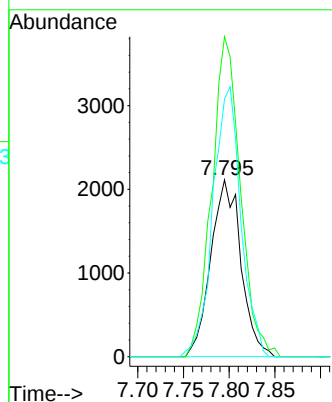
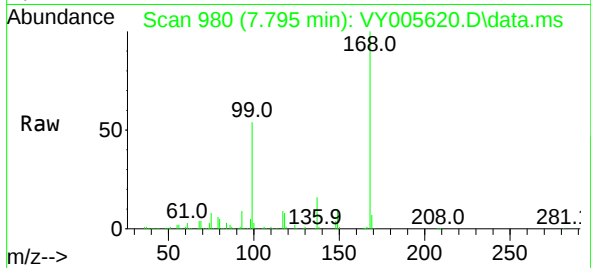




#31  
Cyclohexane  
Concen: 1.124 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. -0.000 min  
Lab File: VY005620.D  
Acq: 12 Aug 2021 14:19

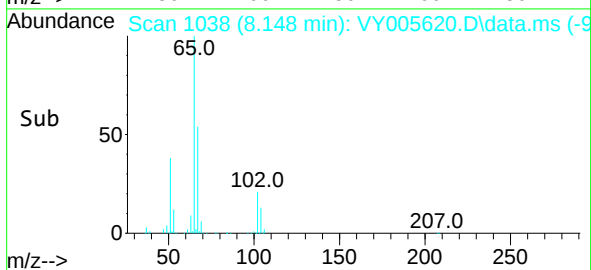
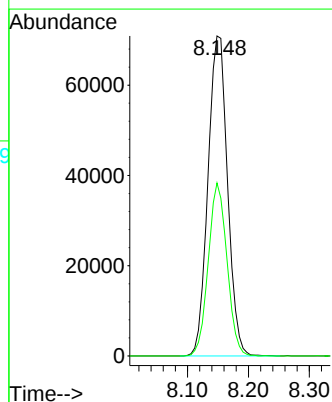
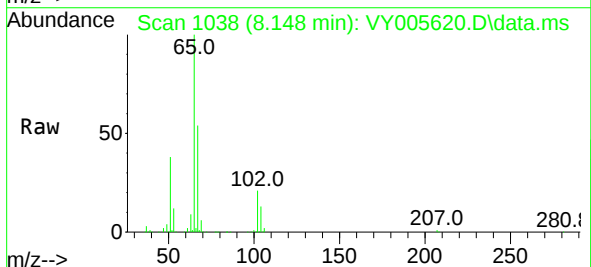
Instrument :  
MSVOA\_Y  
ClientSampleId :

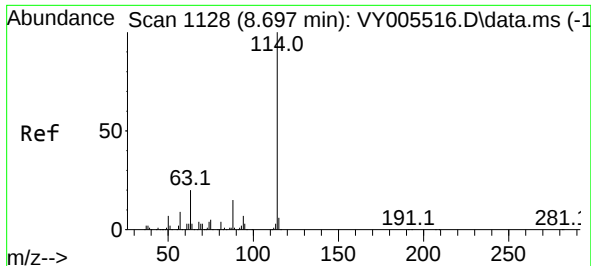
Tgt Ion: 56 Resp: 4842  
Ion Ratio Lower Upper  
56 100  
69 181.0 27.7 41.5#  
84 145.8 70.9 106.3#



#33  
1,2-Dichloroethane-d4  
Concen: 62.961 ug/l  
RT: 8.148 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY005620.D  
Acq: 12 Aug 2021 14:19

Tgt Ion: 65 Resp: 158103  
Ion Ratio Lower Upper  
65 100  
67 51.7 0.0 103.4

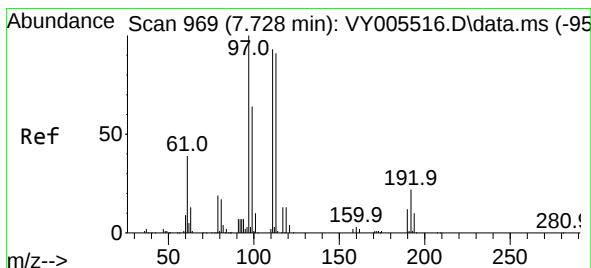
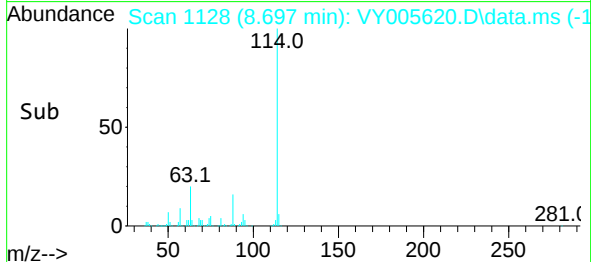
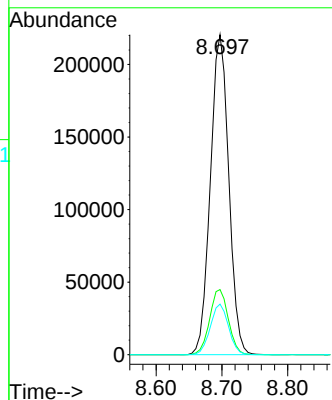
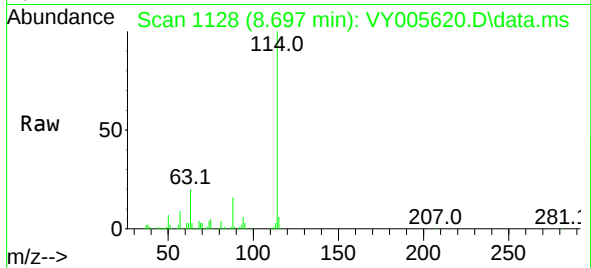




#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.697 min Scan# 1128  
Delta R.T. -0.000 min  
Lab File: VY005620.D  
Acq: 12 Aug 2021 14:19

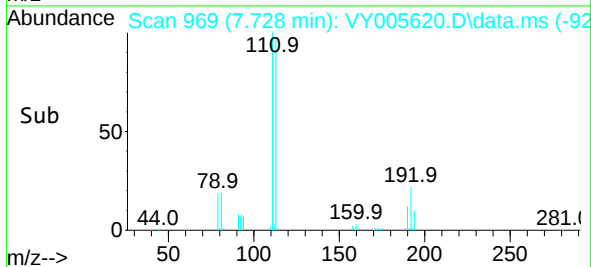
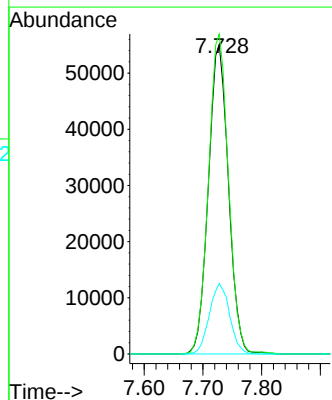
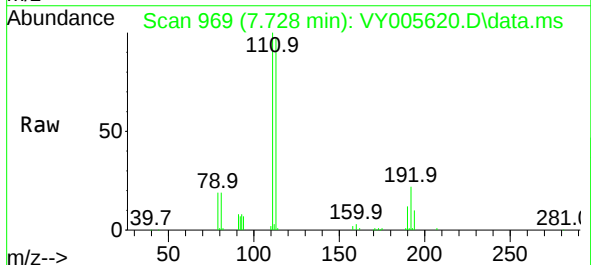
Instrument :  
MSVOA\_Y  
ClientSampleId :

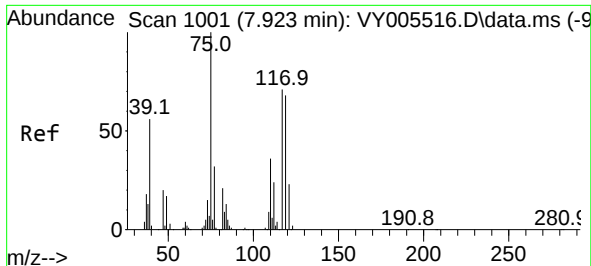
Tgt Ion:114 Resp: 428542  
Ion Ratio Lower Upper  
114 100  
63 20.4 0.0 39.2  
88 15.8 0.0 30.8



#35  
Dibromofluoromethane  
Concen: 54.431 ug/l  
RT: 7.728 min Scan# 969  
Delta R.T. -0.000 min  
Lab File: VY005620.D  
Acq: 12 Aug 2021 14:19

Tgt Ion:113 Resp: 130596  
Ion Ratio Lower Upper  
113 100  
111 103.2 81.9 122.9  
192 23.0 19.2 28.8





#36

1,1-Dichloropropene

Concen: 4.338 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY005620.D

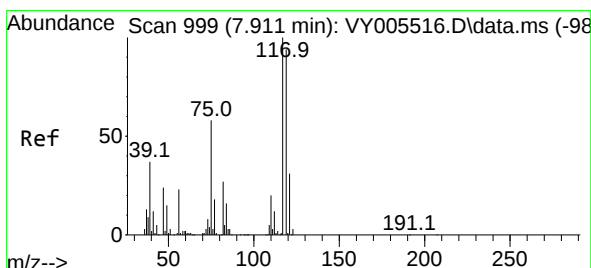
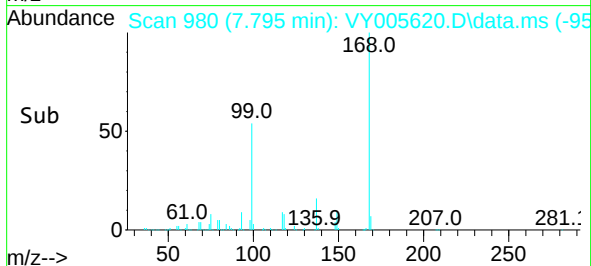
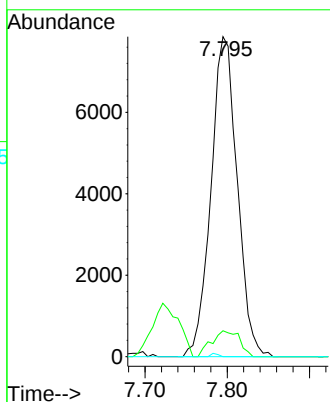
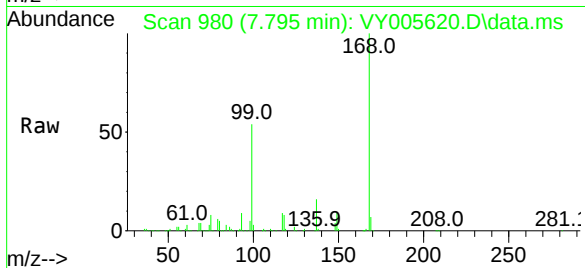
Acq: 12 Aug 2021 14:19

Instrument :

MSVOA\_Y

ClientSampleId :

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 17438 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 8.6   | 18.1  | 54.1# |
| 77       | 0.3   | 25.1  | 37.7# |



#38

Carbon Tetrachloride

Concen: 5.214 ug/l

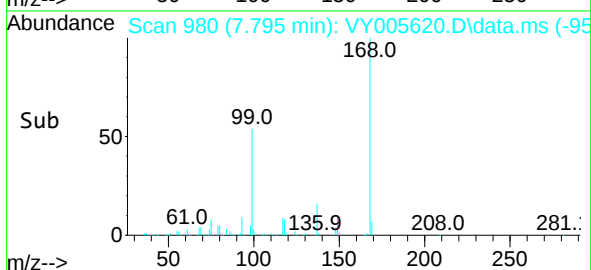
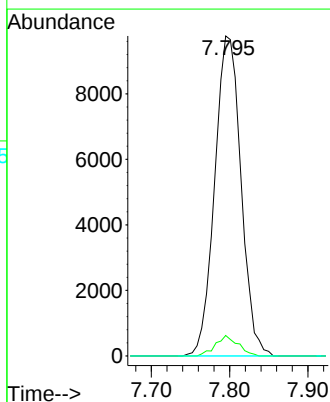
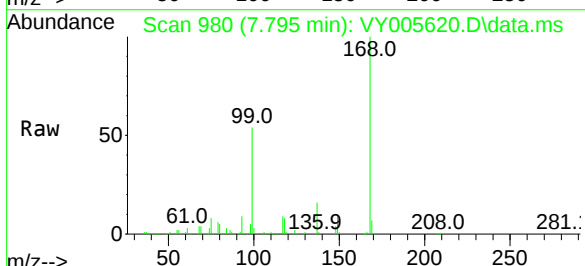
RT: 7.795 min Scan# 980

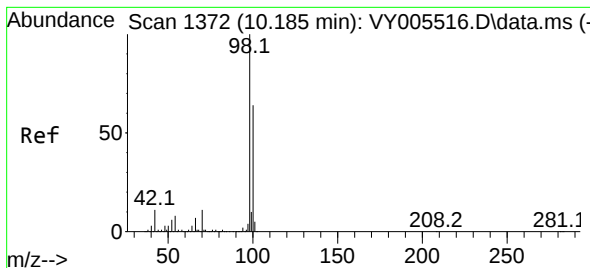
Delta R.T. -0.116 min

Lab File: VY005620.D

Acq: 12 Aug 2021 14:19

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 22779  |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 6.4   | 75.4  | 113.0# |
| 121      | 0.0   | 25.1  | 37.7#  |

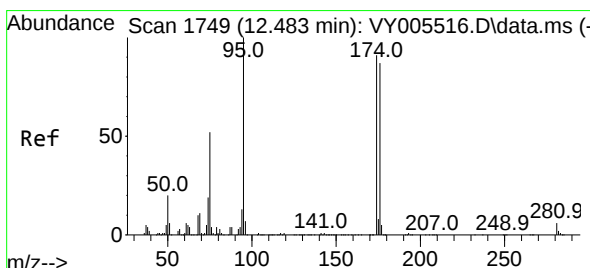
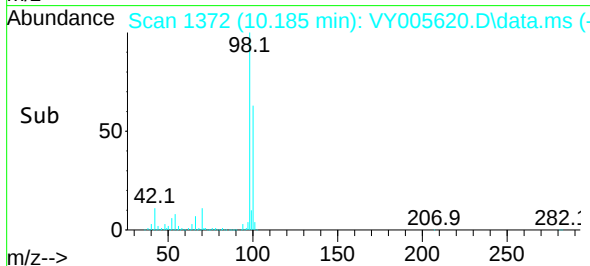
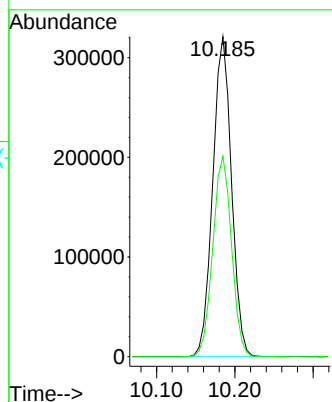
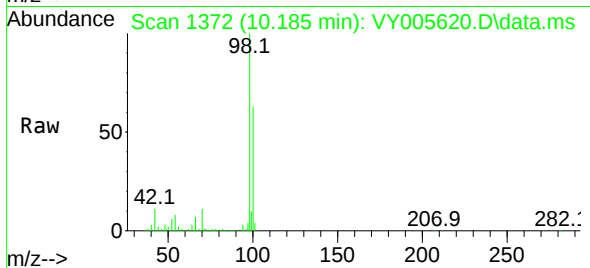




#50  
Toluene-d8  
Concen: 52.939 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY005620.D  
Acq: 12 Aug 2021 14:19

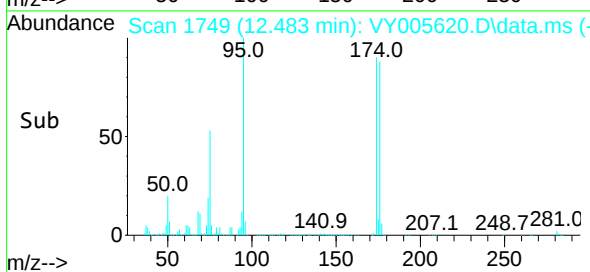
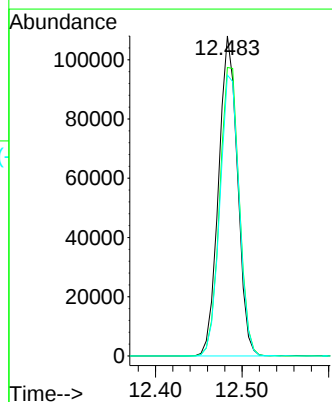
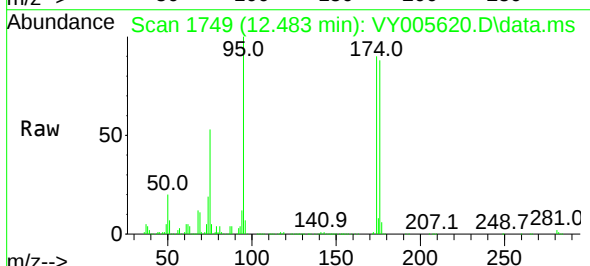
Instrument :  
MSVOA\_Y  
ClientSampled :

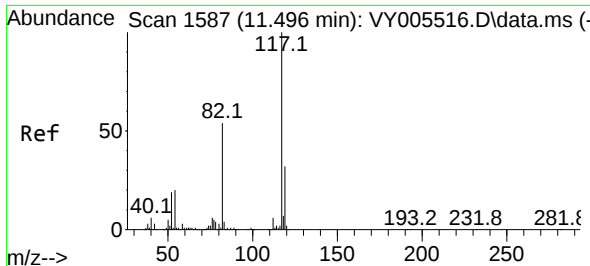
Tgt Ion: 98 Resp: 532703  
Ion Ratio Lower Upper  
98 100  
100 62.7 51.3 76.9



#62  
4-Bromofluorobenzene  
Concen: 49.133 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY005620.D  
Acq: 12 Aug 2021 14:19

Tgt Ion: 95 Resp: 163722  
Ion Ratio Lower Upper  
95 100  
174 93.1 0.0 191.4  
176 89.4 0.0 183.6

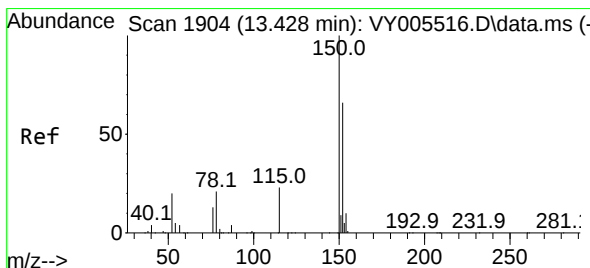
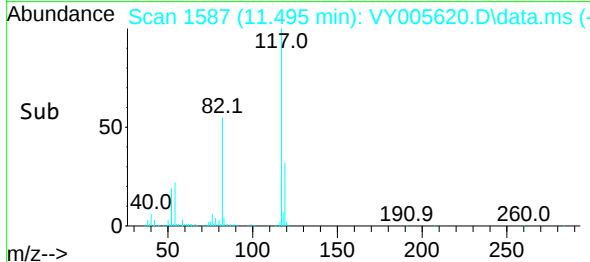
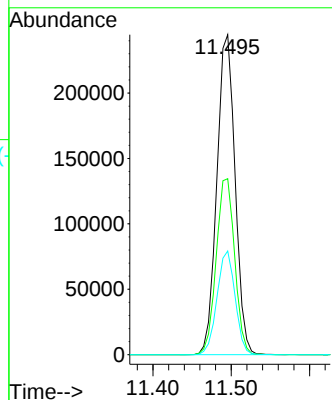
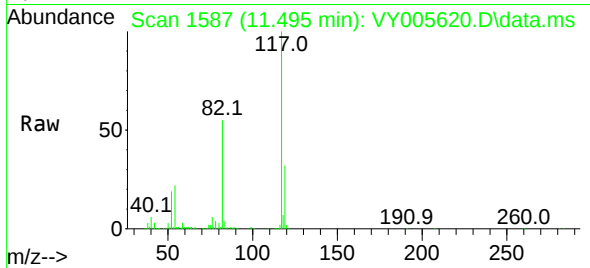




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.495 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY005620.D  
Acq: 12 Aug 2021 14:19

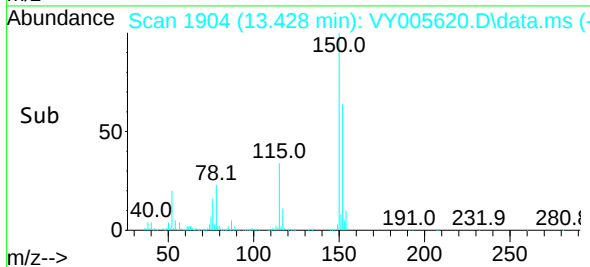
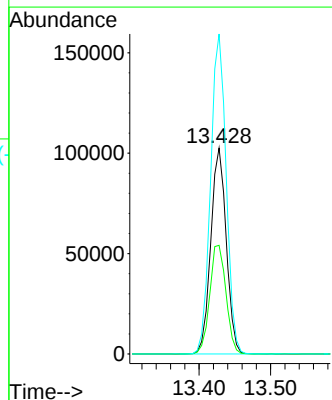
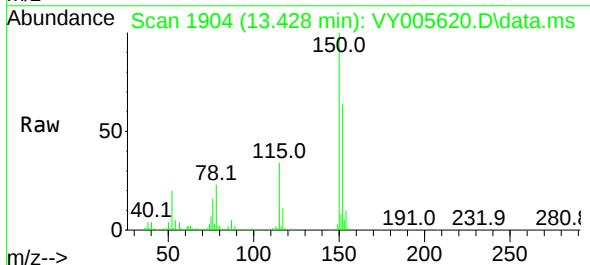
Instrument :  
MSVOA\_Y  
ClientSampleId :

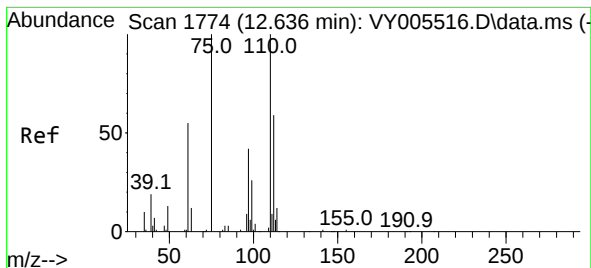
Tgt Ion:117 Resp: 396013  
Ion Ratio Lower Upper  
117 100  
82 55.0 43.5 65.3  
119 32.4 25.5 38.3



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.428 min Scan# 1904  
Delta R.T. -0.000 min  
Lab File: VY005620.D  
Acq: 12 Aug 2021 14:19

Tgt Ion:152 Resp: 154020  
Ion Ratio Lower Upper  
152 100  
115 55.4 27.3 81.9  
150 156.2 0.0 350.2

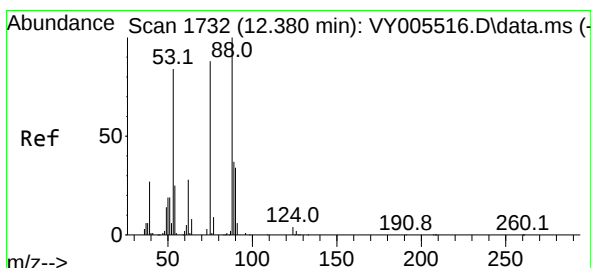
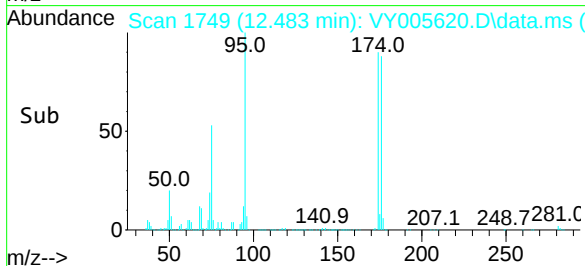
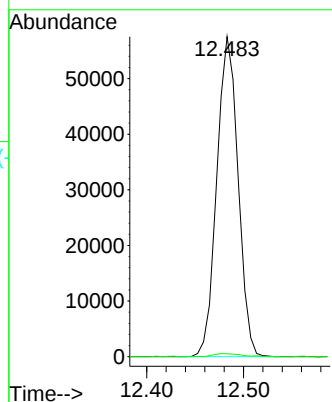
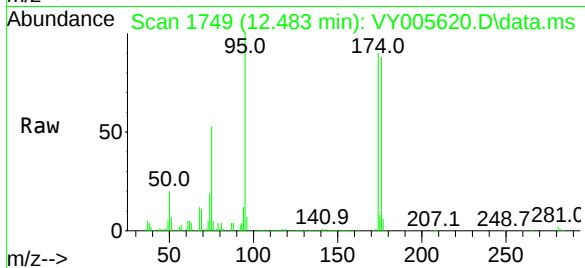




#76  
1,2,3-Trichloropropane  
Concen: 55.010 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.153 min  
Lab File: VY005620.D  
Acq: 12 Aug 2021 14:19

Instrument :  
MSVOA\_Y  
ClientSampled :

Tgt Ion: 75 Resp: 87801  
Ion Ratio Lower Upper  
75 100  
77 1.3 0.0 0.0#



#81  
trans-1,4-Dichloro-2-butene  
Concen: 110.893 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. 0.103 min  
Lab File: VY005620.D  
Acq: 12 Aug 2021 14:19

Tgt Ion: 75 Resp: 87801  
Ion Ratio Lower Upper  
75 100  
53 0.0 76.7 115.1#  
89 0.1 38.4 57.6#

