

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY060821\  
 Data File : VY005023.D  
 Acq On : 08 Jun 2021 15:26  
 Operator : SY/MD  
 Sample : M2625-14  
 Misc : 6.67G/5ML/MSVOA\_Y/SOIL  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jun 09 03:50:30 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

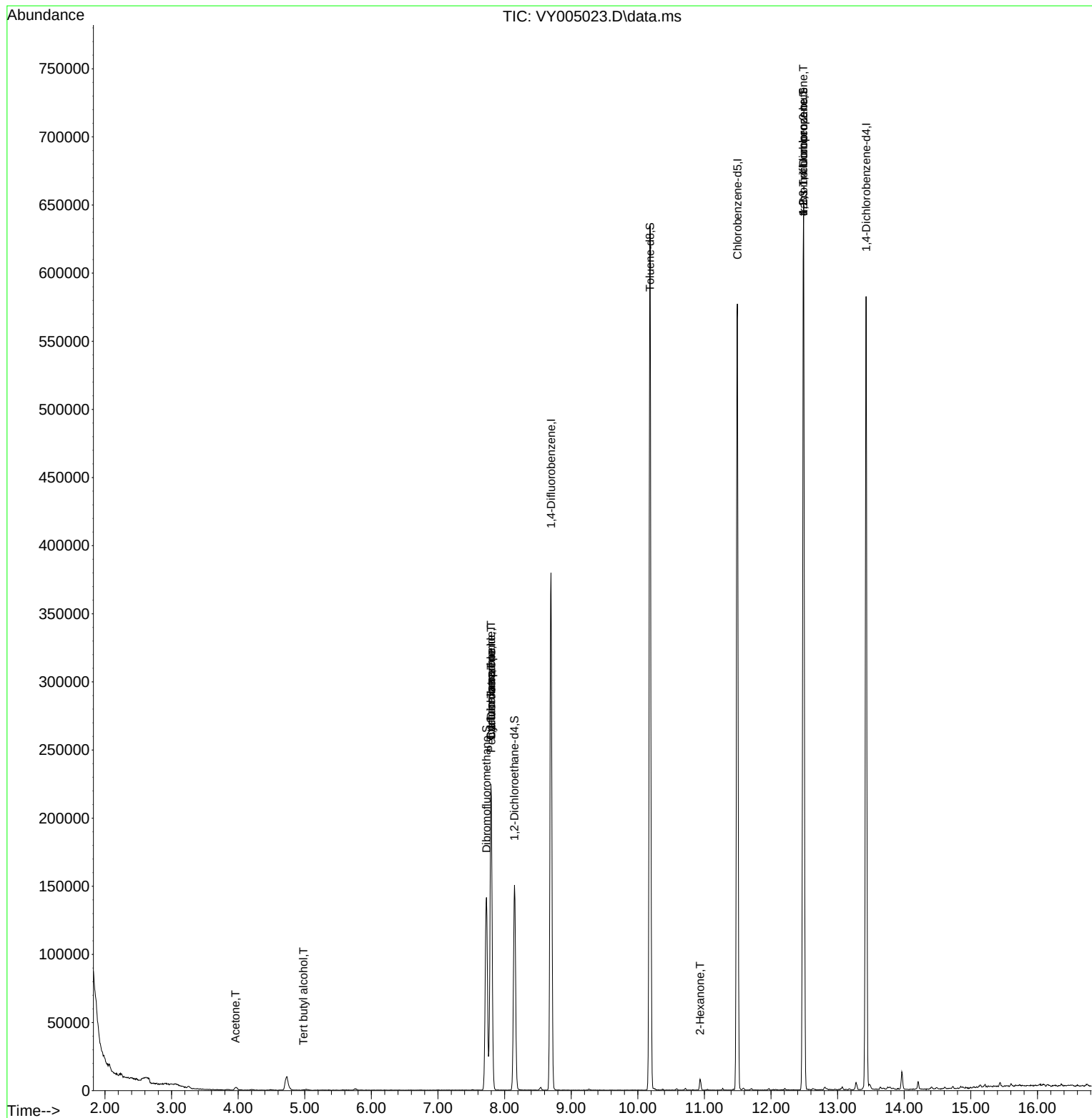
| Compound                      | R.T. QIon |       | Response | Conc      | Units      | Dev(Min) |
|-------------------------------|-----------|-------|----------|-----------|------------|----------|
| -----                         |           |       |          |           |            |          |
| Internal Standards            |           |       |          |           |            |          |
| 1) Pentafluorobenzene         | 7.801     | 168   | 168729   | 50.000    | ug/l       | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.697     | 114   | 320110   | 50.000    | ug/l       | 0.00     |
| 63) Chlorobenzene-d5          | 11.496    | 117   | 318530   | 50.000    | ug/l       | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.428    | 152   | 144198   | 50.000    | ug/l       | 0.00     |
|                               |           |       |          |           |            |          |
| System Monitoring Compounds   |           |       |          |           |            |          |
| 33) 1,2-Dichloroethane-d4     | 8.149     | 65    | 115750   | 64.891    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 50 - 163 | Recovery  | = 129.780% |          |
| 35) Dibromofluoromethane      | 7.728     | 113   | 102788   | 59.683    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 54 - 147 | Recovery  | = 119.360% |          |
| 50) Toluene-d8                | 10.185    | 98    | 403200   | 56.371    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 49 - 140 | Recovery  | = 112.740% |          |
| 62) 4-Bromofluorobenzene      | 12.483    | 95    | 139553   | 56.731    | ug/l       | 0.00     |
| Spiked Amount                 | 50.000    | Range | 25 - 144 | Recovery  | = 113.460% |          |
|                               |           |       |          |           |            |          |
| Target Compounds              |           |       |          |           |            | Qvalue   |
| 11) Tert butyl alcohol        | 4.979     | 59    | 318      | 1.550     | ug/l #     | 74       |
| 16) Acetone                   | 3.960     | 43    | 3911     | 9.108     | ug/l       | 99       |
| 20) Methylene Chloride        | 4.722     | 84    | 7371     | Below Cal |            | 90       |
| 31) Cyclohexane               | 7.795     | 56    | 3817     | 1.215     | ug/l #     | 1        |
| 36) 1,1-Dichloropropene       | 7.795     | 75    | 13605    | 4.343     | ug/l #     | 49       |
| 38) Carbon Tetrachloride      | 7.795     | 117   | 17375    | 6.373     | ug/l #     | 16       |
| 59) 2-Hexanone                | 10.935    | 43    | 1440     | 1.098     | ug/l #     | 44       |
| 76) 1,2,3-Trichloropropane    | 12.483    | 75    | 75445    | 47.729    | ug/l #     | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.483    | 75    | 75445    | 87.716    | ug/l #     | 16       |
| -----                         |           |       |          |           |            |          |

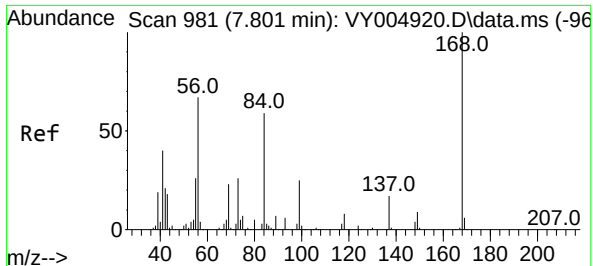
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : M2625-14  
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ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: Jun 09 03:50:30 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

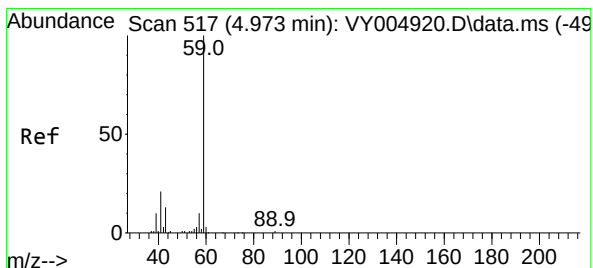
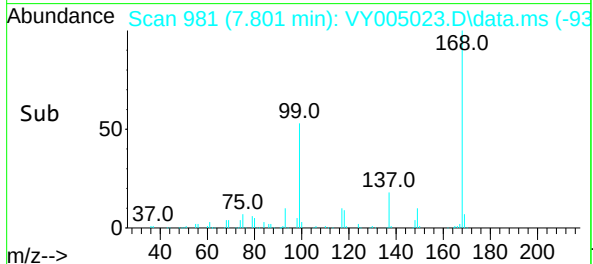
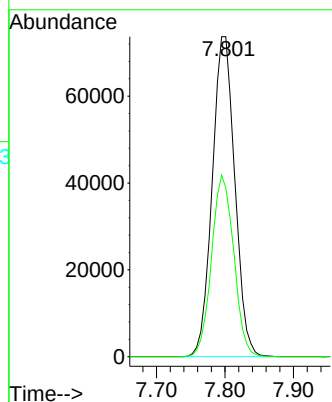
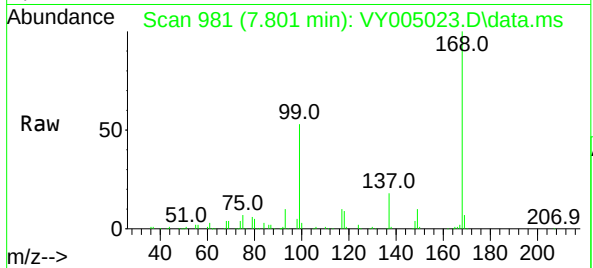




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.801 min Scan# 981  
Delta R.T. 0.000 min  
Lab File: VY005023.D  
Acq: 08 Jun 2021 15:26

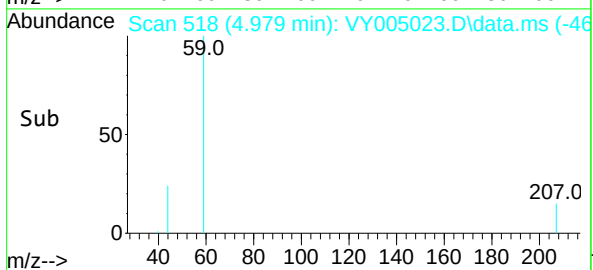
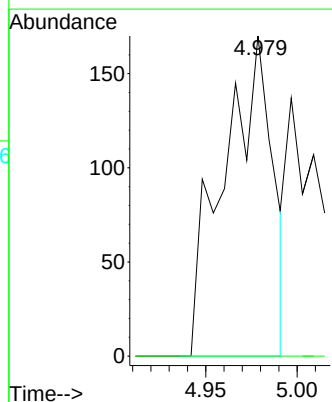
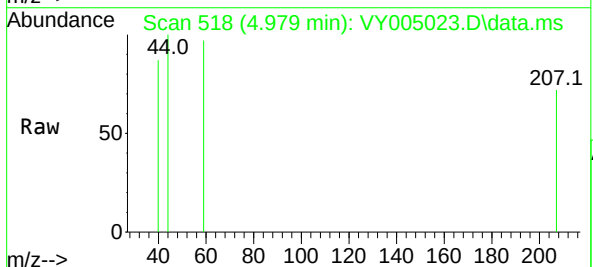
Instrument :  
MSVOA\_Y  
ClientSampleId :

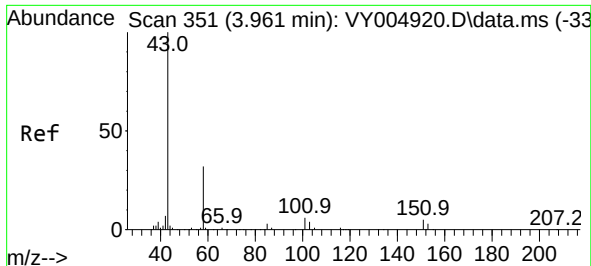
Tgt Ion:168 Resp: 168729  
Ion Ratio Lower Upper  
168 100  
99 52.8 43.9 65.9



#11  
Tert butyl alcohol  
Concen: 1.550 ug/l  
RT: 4.979 min Scan# 518  
Delta R.T. 0.006 min  
Lab File: VY005023.D  
Acq: 08 Jun 2021 15:26

Tgt Ion: 59 Resp: 318  
Ion Ratio Lower Upper  
59 100  
57 0.0 7.7 11.5#

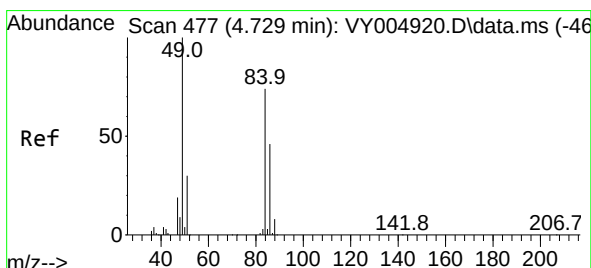
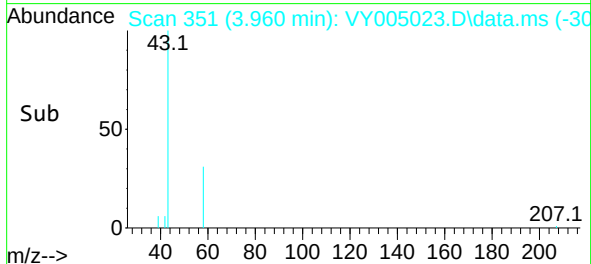
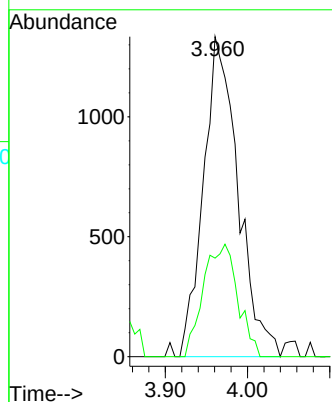
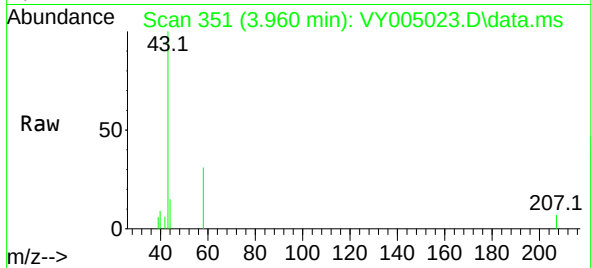




#16  
Acetone  
Concen: 9.108 ug/l  
RT: 3.960 min Scan# 351  
Delta R.T. -0.000 min  
Lab File: VY005023.D  
Acq: 08 Jun 2021 15:26

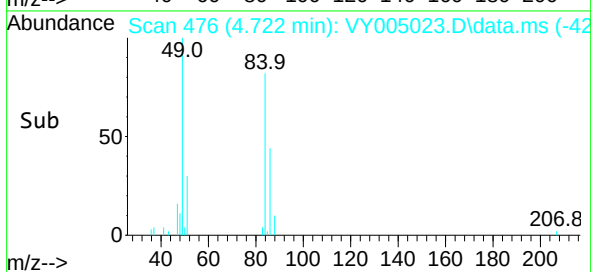
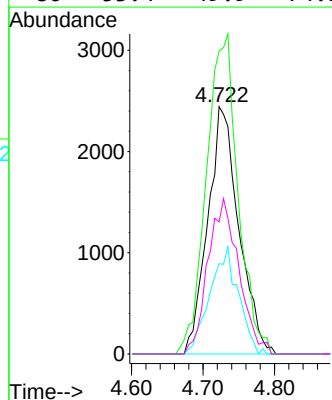
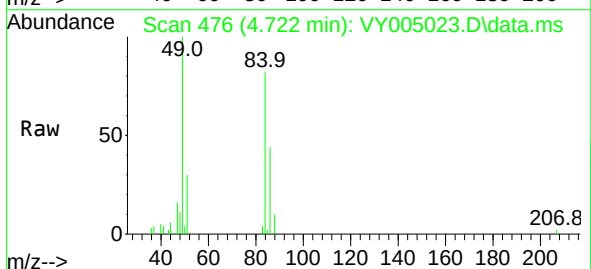
Instrument :  
MSVOA\_Y  
ClientSampled :

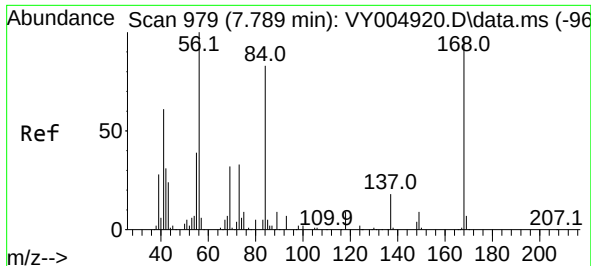
Tgt Ion: 43 Resp: 3911  
Ion Ratio Lower Upper  
43 100  
58 30.8 25.3 37.9



#20  
Methylene Chloride  
Concen: Below Cal  
RT: 4.722 min Scan# 476  
Delta R.T. -0.007 min  
Lab File: VY005023.D  
Acq: 08 Jun 2021 15:26

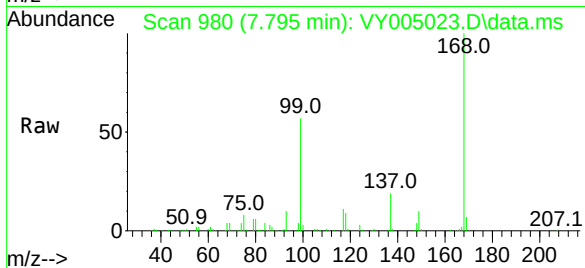
Tgt Ion: 84 Resp: 7371  
Ion Ratio Lower Upper  
84 100  
49 122.4 108.0 162.0  
51 36.5 32.6 48.8  
86 53.4 49.9 74.9



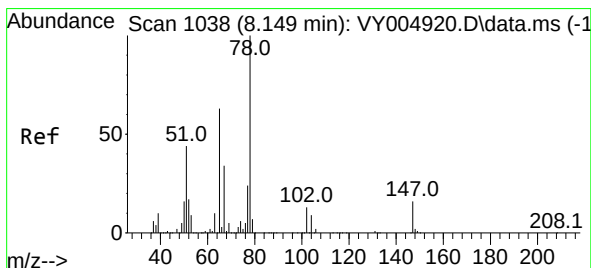
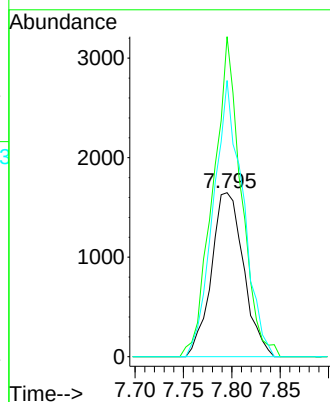
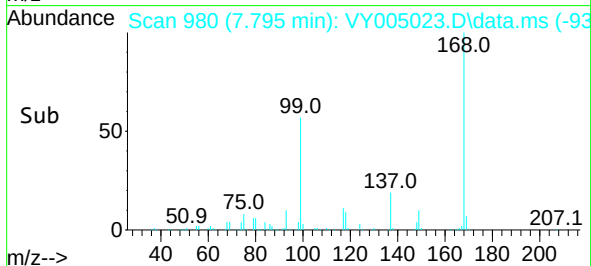


#31  
Cyclohexane  
Concen: 1.215 ug/l  
RT: 7.795 min Scan# 980  
Delta R.T. 0.006 min  
Lab File: VY005023.D  
Acq: 08 Jun 2021 15:26

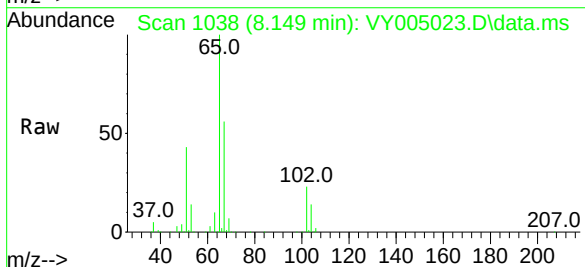
Instrument :  
MSVOA\_Y  
ClientSampleId :



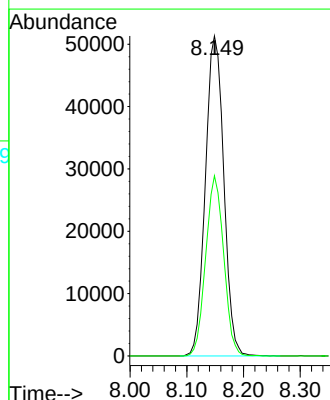
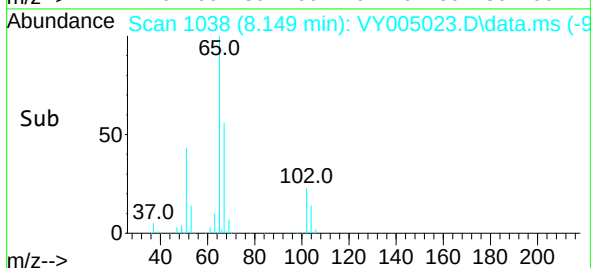
Tgt Ion: 56 Resp: 3817  
Ion Ratio Lower Upper  
56 100  
69 195.0 25.3 37.9#  
84 168.3 66.2 99.4#

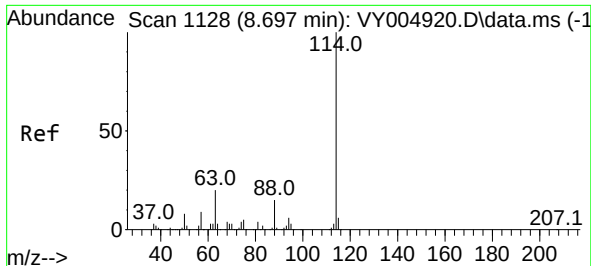


#33  
1,2-Dichloroethane-d4  
Concen: 64.891 ug/l  
RT: 8.149 min Scan# 1038  
Delta R.T. -0.000 min  
Lab File: VY005023.D  
Acq: 08 Jun 2021 15:26



Tgt Ion: 65 Resp: 115750  
Ion Ratio Lower Upper  
65 100  
67 55.0 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY005023.D

Acq: 08 Jun 2021 15:26

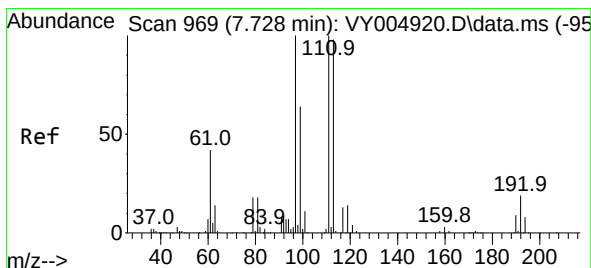
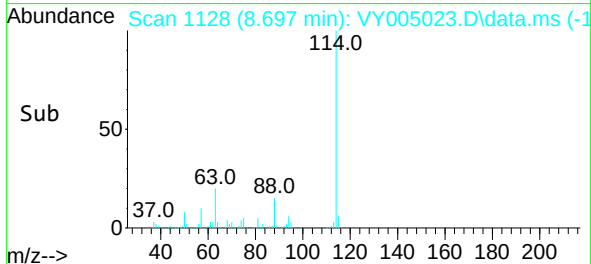
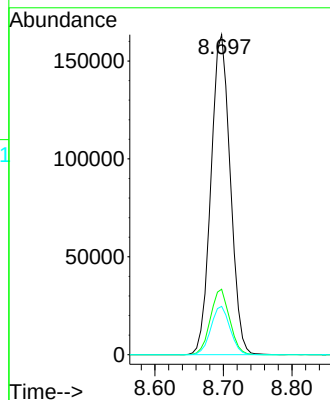
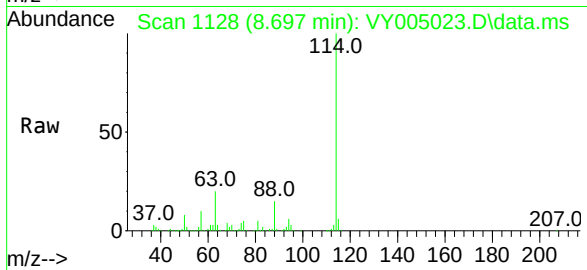
Tgt Ion:114 Resp: 320110

Ion Ratio Lower Upper

114 100

63 20.5 0.0 41.0

88 15.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 59.683 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY005023.D

Acq: 08 Jun 2021 15:26

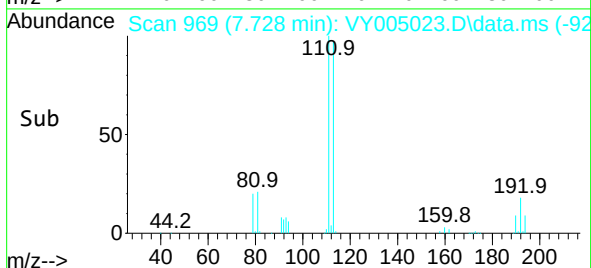
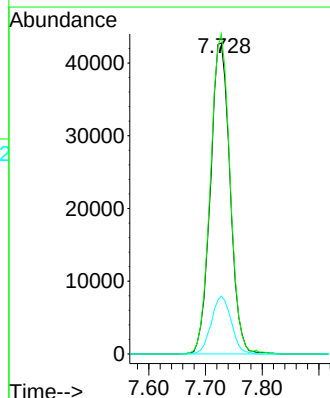
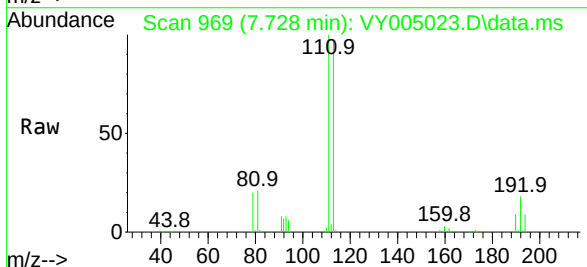
Tgt Ion:113 Resp: 102788

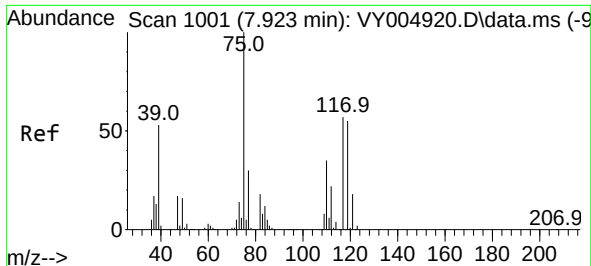
Ion Ratio Lower Upper

113 100

111 102.9 81.8 122.8

192 18.8 15.3 22.9





#36

1,1-Dichloropropene

Concen: 4.343 ug/l

RT: 7.795 min Scan# 980

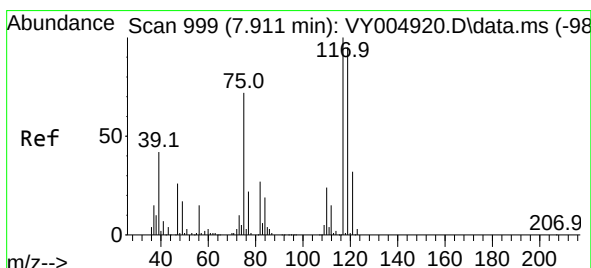
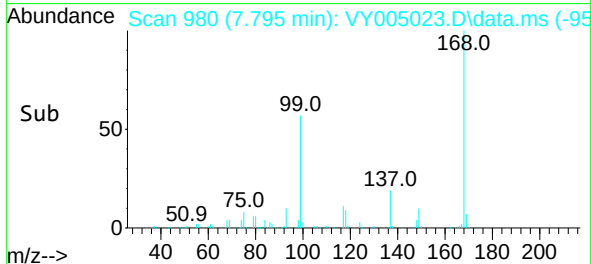
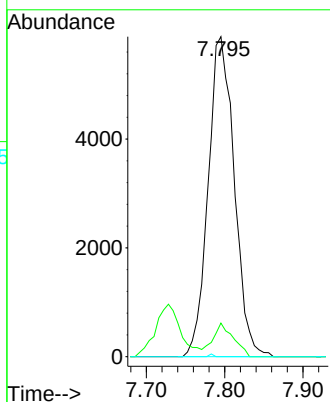
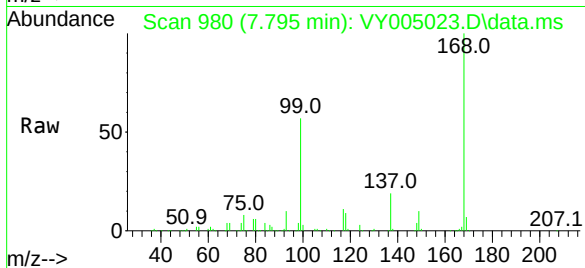
Delta R.T. -0.128 min

Lab File: VY005023.D

Acq: 08 Jun 2021 15:26

Instrument :  
MSVOA\_Y  
ClientSampleId :

|             |             |
|-------------|-------------|
| Tgt Ion: 75 | Resp: 13605 |
| Ion Ratio   | Lower Upper |
| 75 100      |             |
| 110 8.2     | 17.5 52.5#  |
| 77 0.1      | 25.1 37.7#  |



#38

Carbon Tetrachloride

Concen: 6.373 ug/l

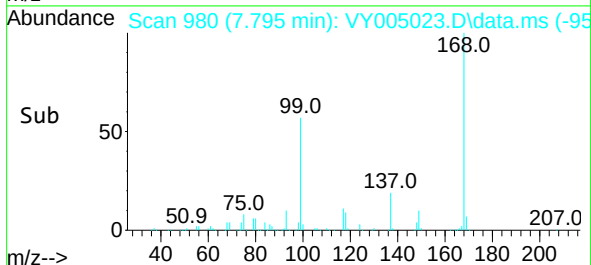
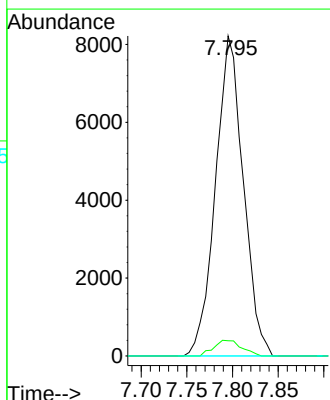
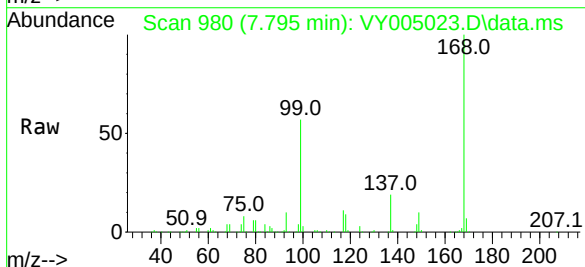
RT: 7.795 min Scan# 980

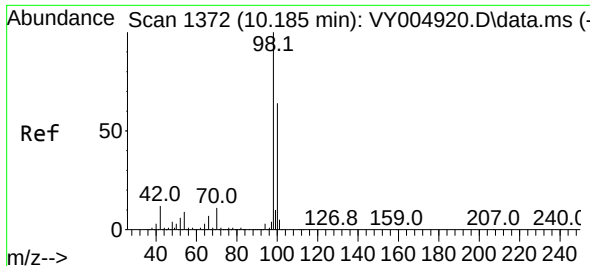
Delta R.T. -0.116 min

Lab File: VY005023.D

Acq: 08 Jun 2021 15:26

|              |             |
|--------------|-------------|
| Tgt Ion: 117 | Resp: 17375 |
| Ion Ratio    | Lower Upper |
| 117 100      |             |
| 119 4.8      | 76.1 114.1# |
| 121 0.0      | 25.5 38.3#  |

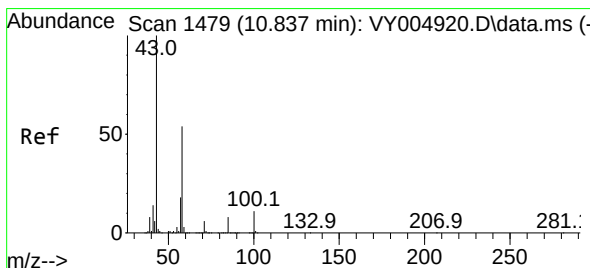
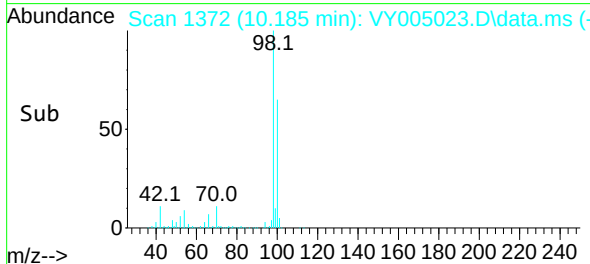
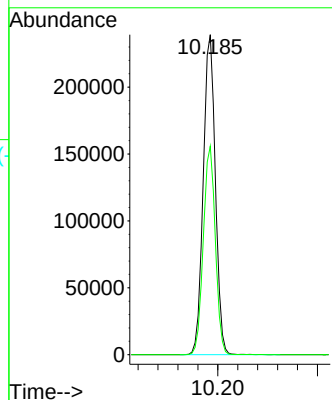
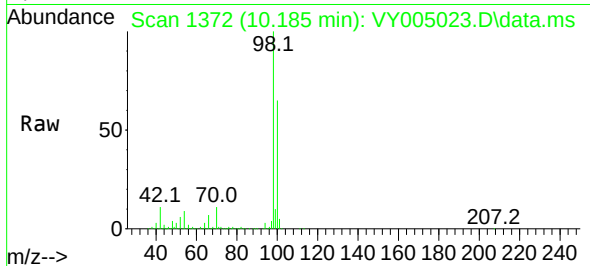




#50  
Toluene-d8  
Concen: 56.371 ug/l  
RT: 10.185 min Scan# 1372  
Delta R.T. -0.000 min  
Lab File: VY005023.D  
Acq: 08 Jun 2021 15:26

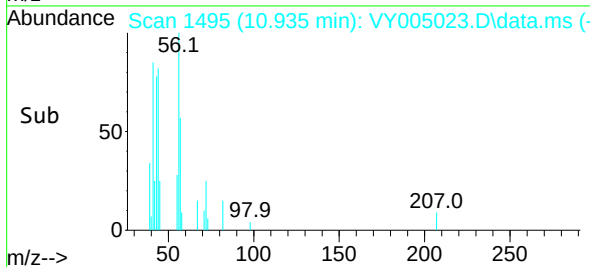
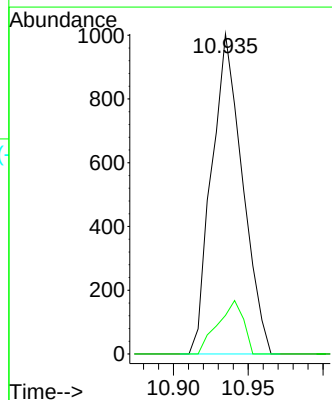
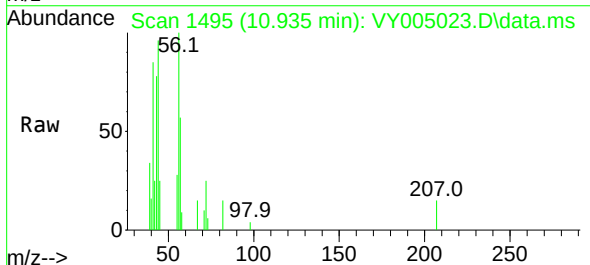
Instrument :  
MSVOA\_Y  
ClientSampled :

Tgt Ion: 98 Resp: 403200  
Ion Ratio Lower Upper  
98 100  
100 64.6 51.8 77.6

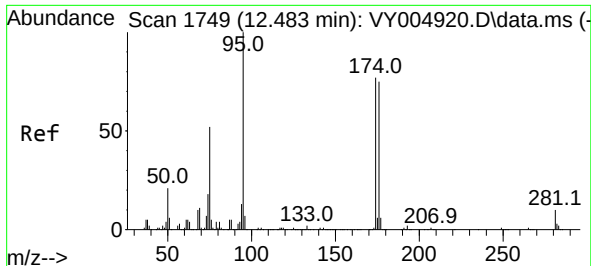


#59  
2-Hexanone  
Concen: 1.098 ug/l  
RT: 10.935 min Scan# 1495  
Delta R.T. 0.097 min  
Lab File: VY005023.D  
Acq: 08 Jun 2021 15:26

Tgt Ion: 43 Resp: 1440  
Ion Ratio Lower Upper  
43 100  
58 13.9 27.0 80.8#



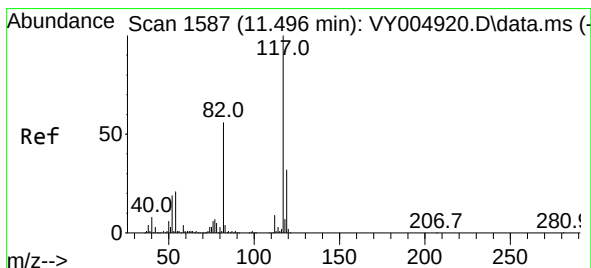
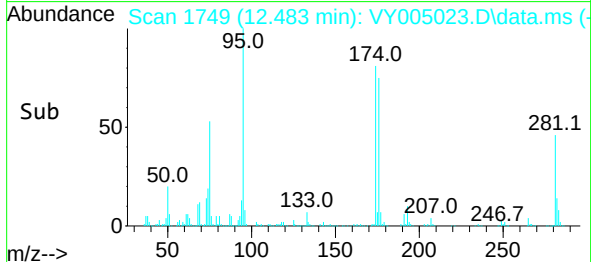
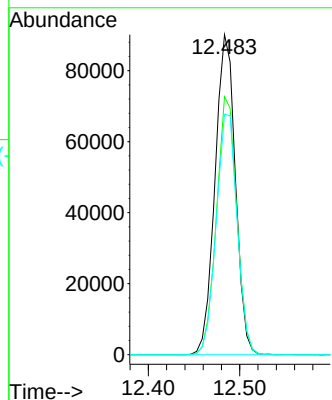
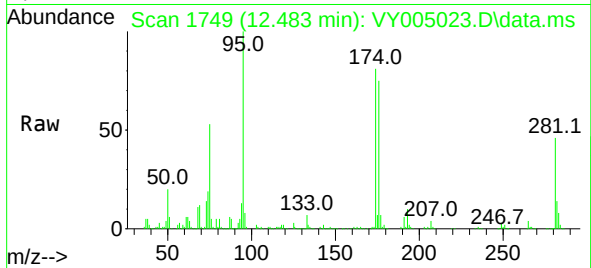




#62  
4-Bromofluorobenzene  
Concen: 56.731 ug/l  
RT: 12.483 min Scan# 1749  
Delta R.T. -0.000 min  
Lab File: VY005023.D  
Acq: 08 Jun 2021 15:26

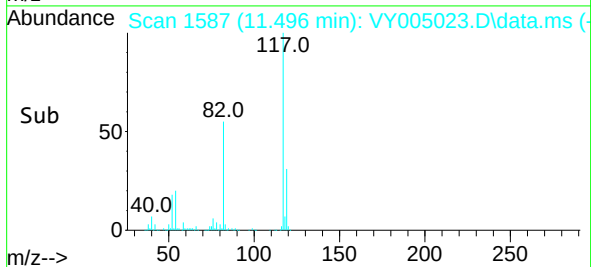
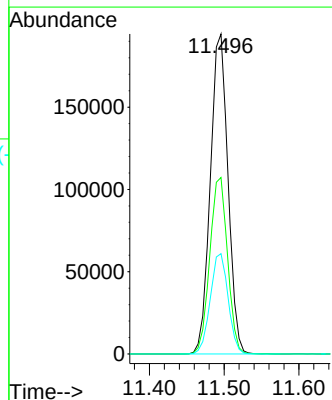
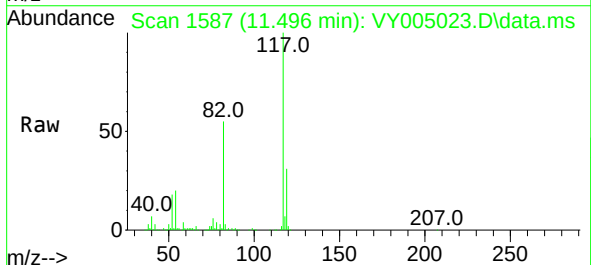
Instrument :  
MSVOA\_Y  
ClientSampleId :

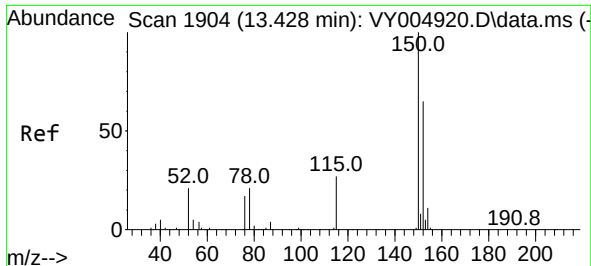
Tgt Ion: 95 Resp: 139553  
Ion Ratio Lower Upper  
95 100  
174 80.4 0.0 160.8  
176 77.4 0.0 155.6



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.496 min Scan# 1587  
Delta R.T. -0.000 min  
Lab File: VY005023.D  
Acq: 08 Jun 2021 15:26

Tgt Ion: 117 Resp: 318530  
Ion Ratio Lower Upper  
117 100  
82 55.1 44.8 67.2  
119 31.3 25.2 37.8

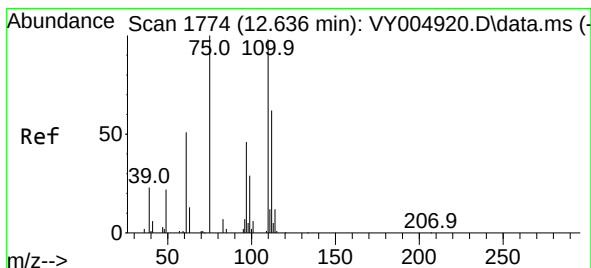
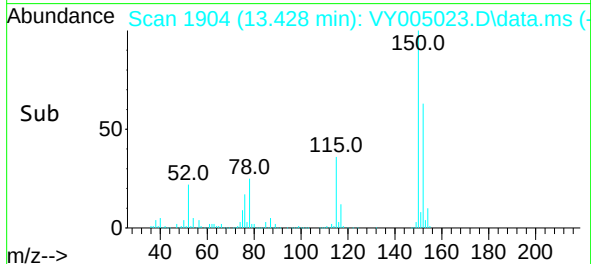
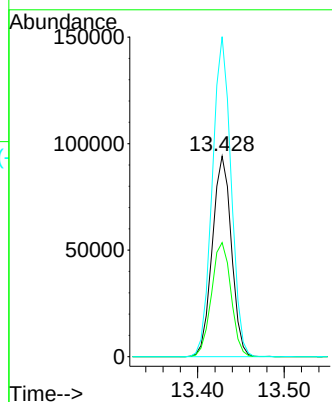
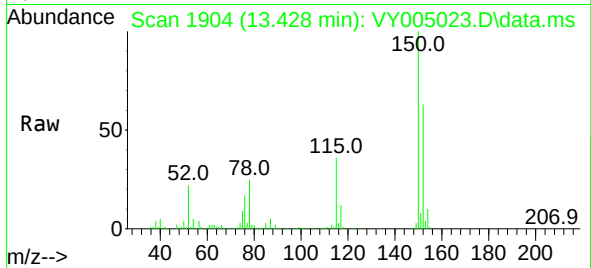




#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.428 min Scan# 1904  
 Delta R.T. -0.000 min  
 Lab File: VY005023.D  
 Acq: 08 Jun 2021 15:26

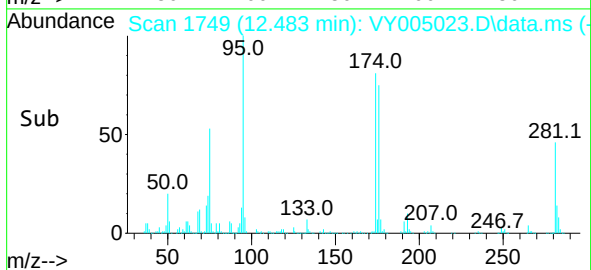
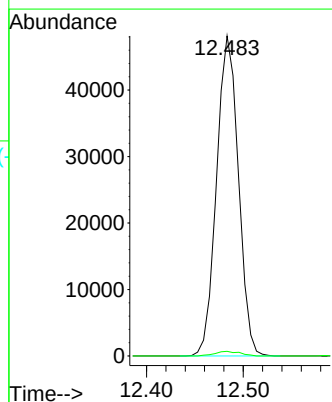
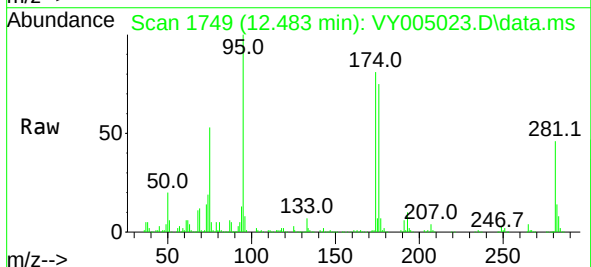
Instrument :  
 MSVOA\_Y  
 ClientSampled :

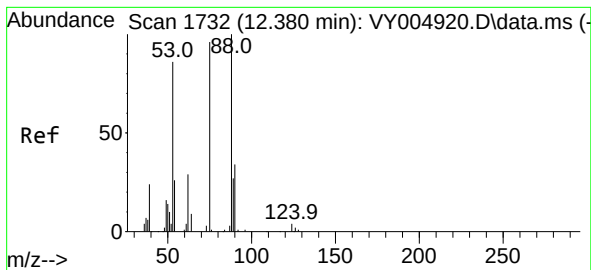
Tgt Ion:152 Resp: 144198  
 Ion Ratio Lower Upper  
 152 100  
 115 58.2 29.9 89.7  
 150 156.9 0.0 347.8



#76  
 1,2,3-Trichloropropane  
 Concen: 47.729 ug/l  
 RT: 12.483 min Scan# 1749  
 Delta R.T. -0.152 min  
 Lab File: VY005023.D  
 Acq: 08 Jun 2021 15:26

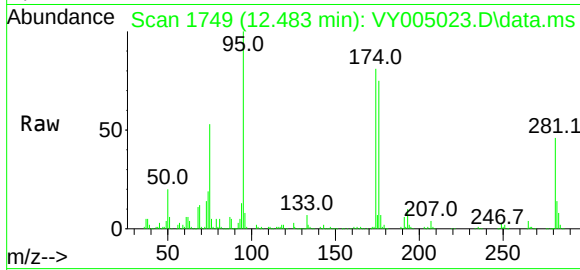
Tgt Ion: 75 Resp: 75445  
 Ion Ratio Lower Upper  
 75 100  
 77 1.7 0.0 0.0#





#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 87.716 ug/l  
 RT: 12.483 min Scan# 1749  
 Delta R.T. 0.104 min  
 Lab File: VY005023.D  
 Acq: 08 Jun 2021 15:26

Instrument :  
 MSVOA\_Y  
 ClientSampleId :



Tgt Ion: 75 Resp: 75445  
 Ion Ratio Lower Upper  
 75 100  
 53 0.1 69.3 103.9#  
 89 1.4 35.0 52.6#

