

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY060724\  
 Data File : VY018531.D  
 Acq On : 07 Jun 2024 16:54  
 Operator : SY/MD  
 Sample : P2707-08  
 Misc : 5.03g/5.0mL/MSVOA\_Y/SOIL/B  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: Jun 07 23:16:27 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060324S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jun 04 07:11:56 2024  
 Response via : Initial Calibration

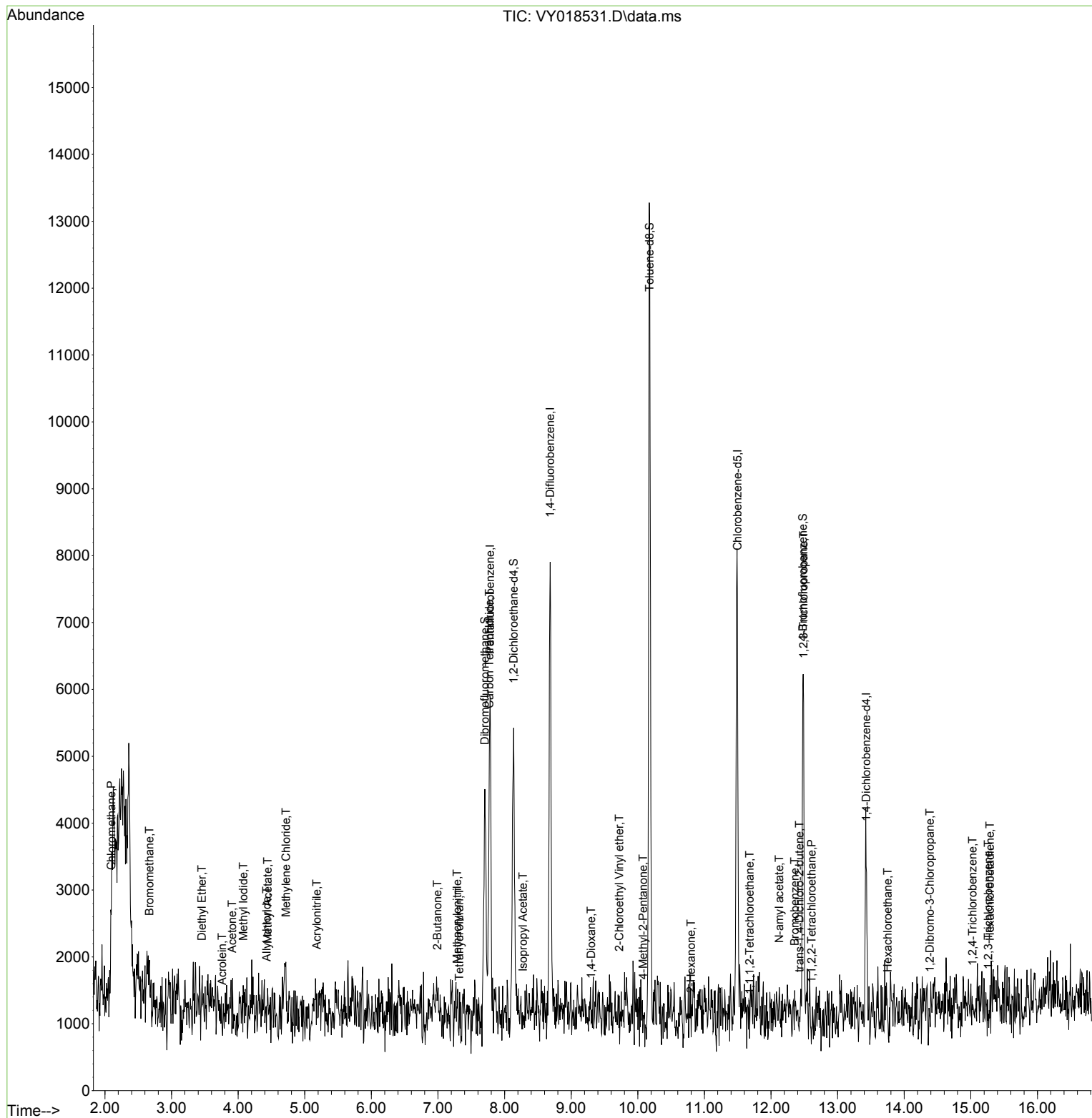
| Compound                      | R.T.   | QIon  | Response | Conc      | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|-----------|-------|----------|
| -----                         |        |       |          |           |       |          |
| Internal Standards            |        |       |          |           |       |          |
| 1) Pentafluorobenzene         | 7.783  | 168   | 3233     | 50.000    | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene       | 8.685  | 114   | 5196     | 50.000    | ug/l  | 0.00     |
| 63) Chlorobenzene-d5          | 11.495 | 117   | 3475     | 50.000    | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.428 | 152   | 695      | 50.000    | ug/l  | 0.00     |
| System Monitoring Compounds   |        |       |          |           |       |          |
| 33) 1,2-Dichloroethane-d4     | 8.136  | 65    | 2973     | 46.826    | ug/l  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 50 - 163 | Recovery  | =     | 93.660%  |
| 35) Dibromofluoromethane      | 7.703  | 113   | 2394     | 36.334    | ug/l  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 54 - 147 | Recovery  | =     | 72.660%  |
| 50) Toluene-d8                | 10.179 | 98    | 7798     | 29.749    | ug/l  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 58 - 134 | Recovery  | =     | 59.500%  |
| 62) 4-Bromofluorobenzene      | 12.477 | 95    | 1519     | 18.612    | ug/l  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 30 - 143 | Recovery  | =     | 37.220%  |
| Target Compounds              |        |       |          |           |       |          |
|                               |        |       |          |           |       | Qvalue   |
| 3) Chloromethane              | 2.095  | 50    | 187      | 1.953     | ug/l  | # 43     |
| 5) Bromomethane               | 2.668  | 94    | 279      | 3.651     | ug/l  | # 38     |
| 8) Diethyl Ether              | 3.454  | 74    | 48       | 1.346     | ug/l  | 59       |
| 10) Methyl Iodide             | 4.076  | 142   | 256      | 3.777     | ug/l  | # 42     |
| 11) Tert butyl alcohol        | 4.936  | 59    | 27       | Below Cal | #     | 88       |
| 13) Acrolein                  | 3.759  | 56    | 65       | 10.002    | ug/l  | 89       |
| 14) Allyl chloride            | 4.430  | 41    | 141      | 1.419     | ug/l  | # 42     |
| 15) Acrylonitrile             | 5.179  | 53    | 46       | 2.821     | ug/l  | # 69     |
| 16) Acetone                   | 3.911  | 43    | 67       | 4.755     | ug/l  | # 36     |
| 18) Methyl Acetate            | 4.442  | 43    | 71       | 2.015     | ug/l  | # 46     |
| 20) Methylene Chloride        | 4.716  | 84    | 349      | 1.570     | ug/l  | # 57     |
| 25) 2-Butanone                | 6.990  | 43    | 57       | 2.640     | ug/l  | # 41     |
| 29) Tetrahydrofuran           | 7.319  | 42    | 22       | 1.569     | ug/l  | # 8      |
| 38) Carbon Tetrachloride      | 7.770  | 117   | 428      | 4.251     | ug/l  | # 13     |
| 41) Methacrylonitrile         | 7.289  | 41    | 76       | 3.113     | ug/l  | # 1      |
| 43) Isopropyl Acetate         | 8.276  | 43    | 97       | 1.034     | ug/l  | # 47     |
| 49) 1,4-Dioxane               | 9.301  | 88    | 21       | 40.516    | ug/l  | # 20     |
| 51) 4-Methyl-2-Pentanone      | 10.081 | 43    | 155      | 3.181     | ug/l  | # 50     |
| 58) 2-Chloroethyl Vinyl ether | 9.721  | 63    | 48       | 1.237     | ug/l  | # 45     |
| 59) 2-Hexanone                | 10.800 | 43    | 49       | 1.455     | ug/l  | 74       |
| 66) 1,1,1,2-Tetrachloroethane | 11.678 | 131   | 58       | 1.204     | ug/l  | # 8      |
| 74) N-amyl acetate            | 12.123 | 43    | 108      | 6.187     | ug/l  | # 47     |
| 75) 1,1,2,2-Tetrachloroethane | 12.611 | 83    | 19       | 1.505     | ug/l  | # 26     |
| 76) 1,2,3-Trichloropropane    | 12.489 | 75    | 991      | 114.991   | ug/l  | # 100    |
| 77) Bromobenzene              | 12.355 | 156   | 37       | 2.430     | ug/l  | # 1      |
| 81) trans-1,4-Dichloro-2-b... | 12.428 | 75    | 49       | 11.945    | ug/l  | # 1      |
| 90) Hexachloroethane          | 13.751 | 117   | 50       | 4.345     | ug/l  | # 12     |
| 92) 1,2-Dibromo-3-Chloropr... | 14.385 | 75    | 67       | 34.875    | ug/l  | # 1      |
| 93) 1,2,4-Trichlorobenzene    | 15.025 | 180   | 19       | 1.344     | ug/l  | # 12     |
| 94) Hexachlorobutadiene       | 15.287 | 225   | 21       | 2.797     | ug/l  | # 19     |
| 96) 1,2,3-Trichlorobenzene    | 15.263 | 180   | 19       | 1.589     | ug/l  | # 12     |
| -----                         |        |       |          |           |       |          |

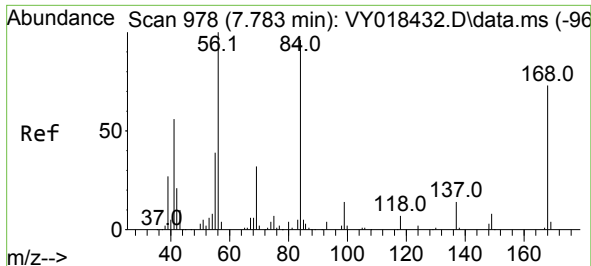
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY060724\  
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Sample : P2707-08  
Misc : 5.03g/5.0mL/MSVOA\_Y/SOIL/B  
ALS Vial : 15 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

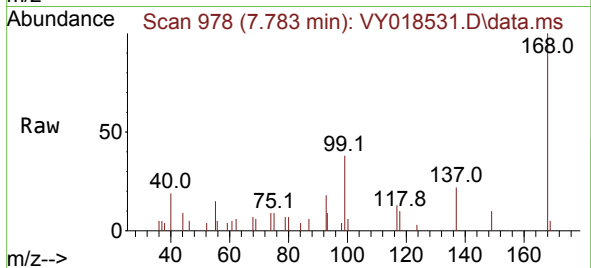
Quant Time: Jun 07 23:16:27 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060324S.M  
Quant Title : SW846 8260  
QLast Update : Tue Jun 04 07:11:56 2024  
Response via : Initial Calibration



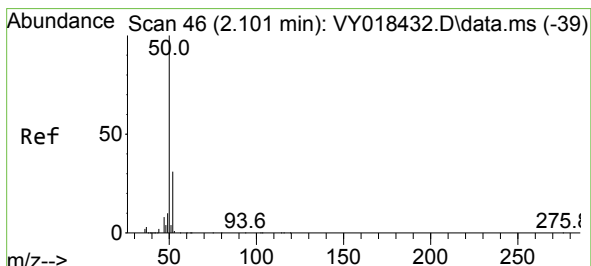
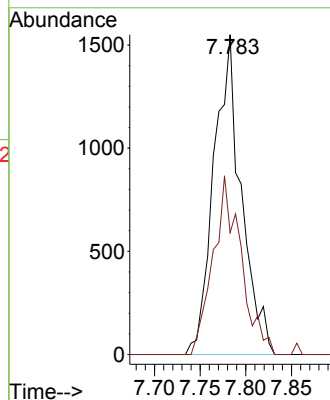
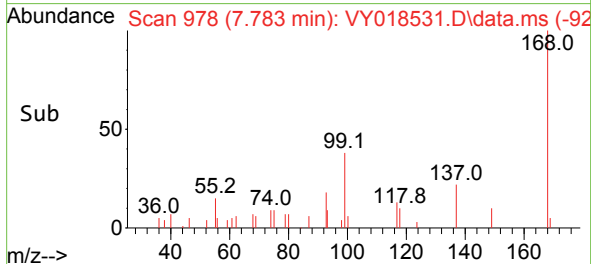


#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY018531.D  
Acq: 07 Jun 2024 16:54

Instrument :  
MSVOA\_Y  
ClientSampleId :

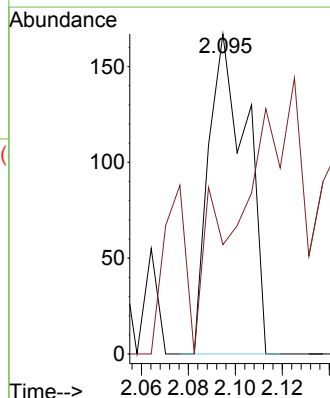
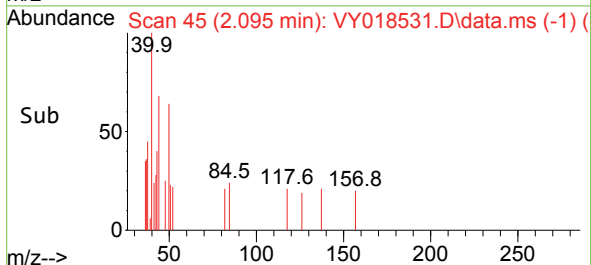
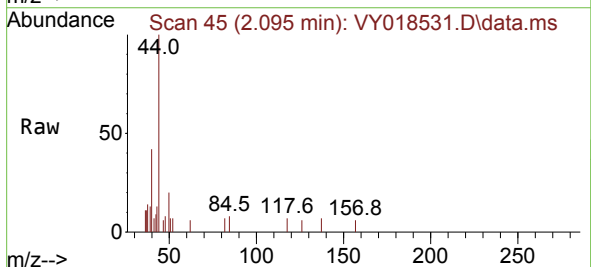


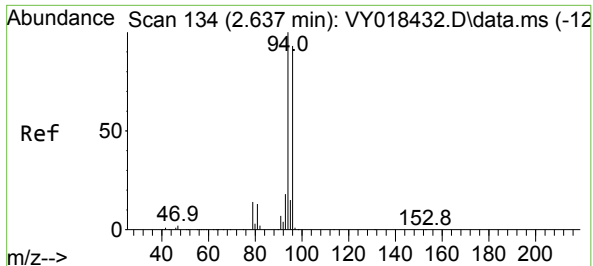
Tgt Ion:168 Resp: 3233  
Ion Ratio Lower Upper  
168 100  
99 38.1 39.1 58.7#



#3  
Chloromethane  
Concen: 1.953 ug/l  
RT: 2.095 min Scan# 45  
Delta R.T. -0.006 min  
Lab File: VY018531.D  
Acq: 07 Jun 2024 16:54

Tgt Ion: 50 Resp: 187  
Ion Ratio Lower Upper  
50 100  
52 0.0 25.6 38.4#

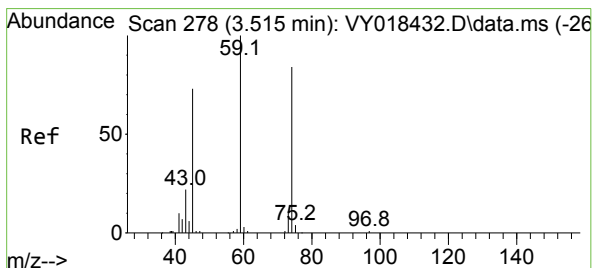
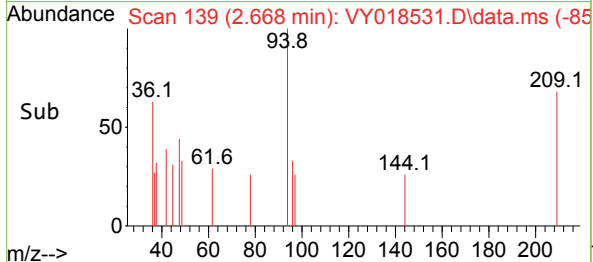
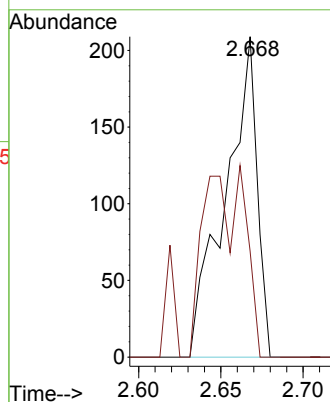
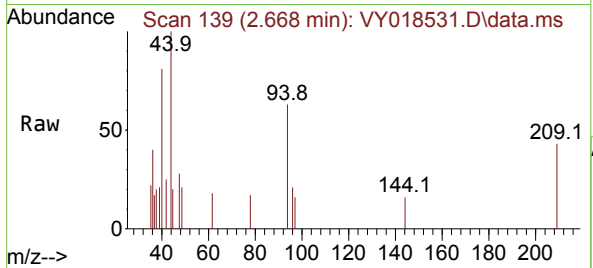




#5  
Bromomethane  
Concen: 3.651 ug/l  
RT: 2.668 min Scan# 11  
Delta R.T. 0.030 min  
Lab File: VY018531.D  
Acq: 07 Jun 2024 16:54

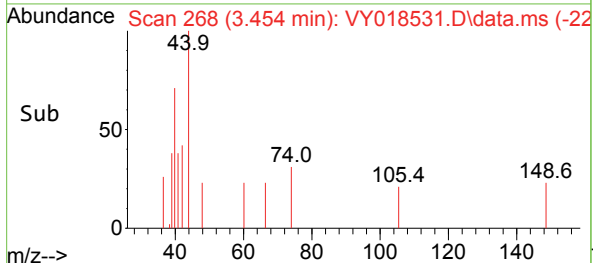
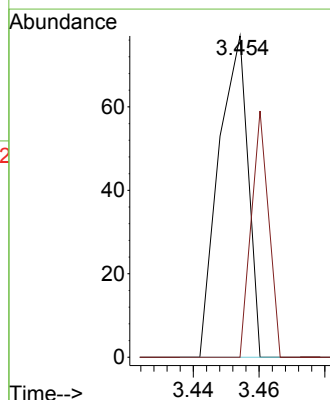
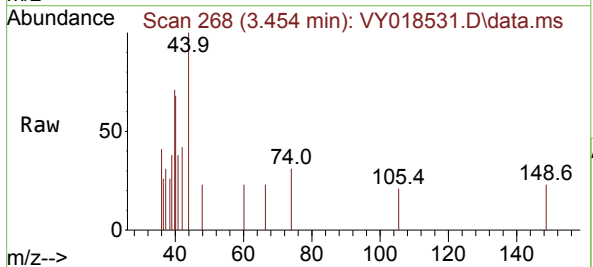
Instrument :  
MSVOA\_Y  
ClientSampleId :

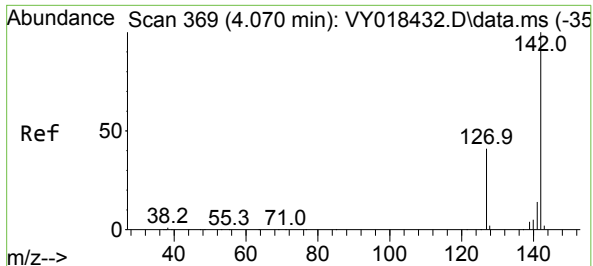
Tgt Ion: 94 Resp: 279  
Ion Ratio Lower Upper  
94 100  
96 33.0 74.1 111.1#



#8  
Diethyl Ether  
Concen: 1.346 ug/l  
RT: 3.454 min Scan# 268  
Delta R.T. -0.061 min  
Lab File: VY018531.D  
Acq: 07 Jun 2024 16:54

Tgt Ion: 74 Resp: 48  
Ion Ratio Lower Upper  
74 100  
45 45.8 41.3 124.1

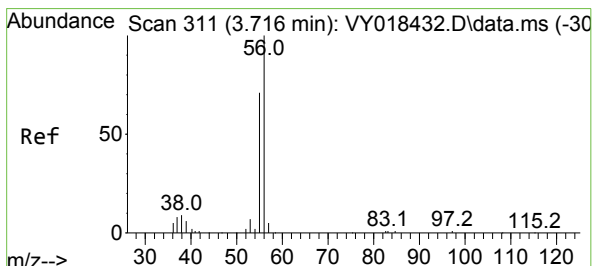
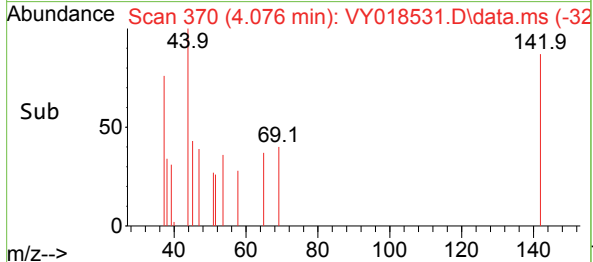
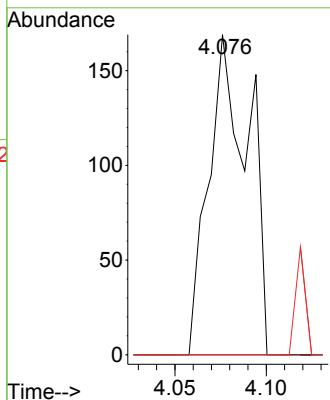
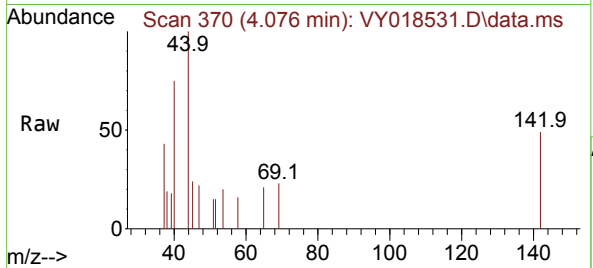




#10  
Methyl Iodide  
Concen: 3.777 ug/l  
RT: 4.076 min Scan# 31  
Delta R.T. 0.006 min  
Lab File: VY018531.D  
Acq: 07 Jun 2024 16:54

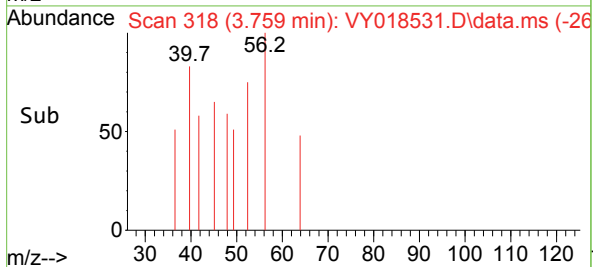
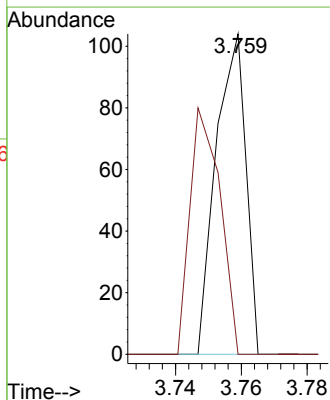
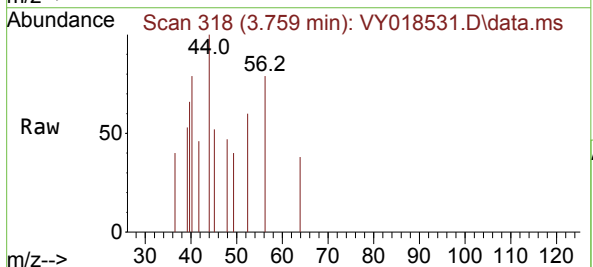
Instrument :  
MSVOA\_Y  
ClientSampleId :

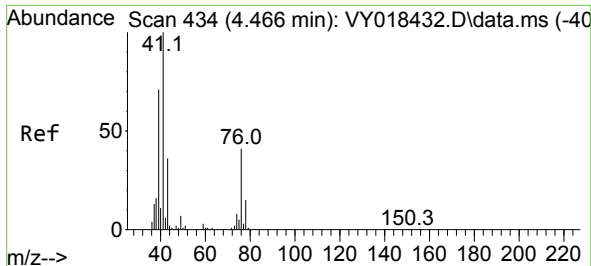
Tgt Ion:142 Resp: 256  
Ion Ratio Lower Upper  
142 100  
127 0.0 32.8 49.2#  
141 0.0 11.4 17.2#



#13  
Acrolein  
Concen: 10.002 ug/l  
RT: 3.759 min Scan# 318  
Delta R.T. 0.043 min  
Lab File: VY018531.D  
Acq: 07 Jun 2024 16:54

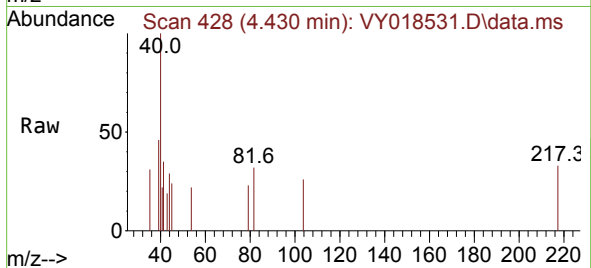
Tgt Ion: 56 Resp: 65  
Ion Ratio Lower Upper  
56 100  
55 78.5 55.7 83.5



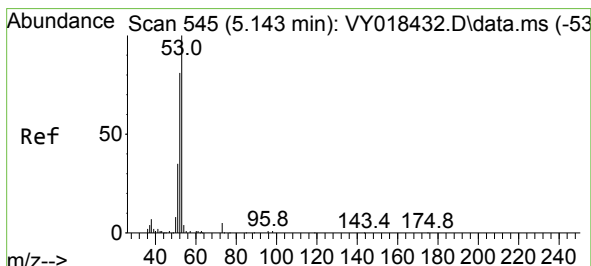
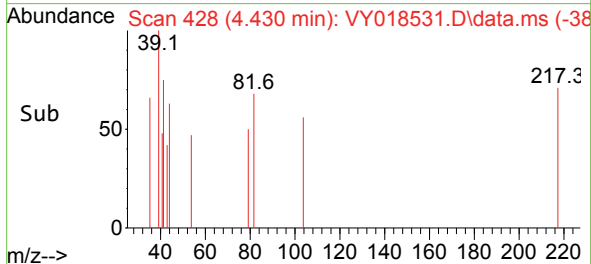
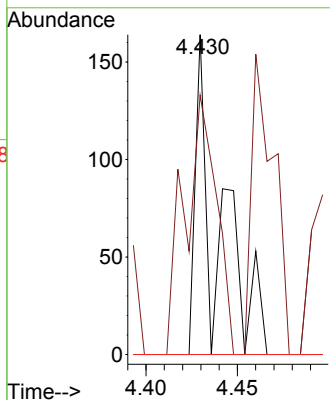


#14  
Allyl chloride  
Concen: 1.419 ug/l  
RT: 4.430 min Scan# 41  
Delta R.T. -0.037 min  
Lab File: VY018531.D  
Acq: 07 Jun 2024 16:54

Instrument :  
MSVOA\_Y  
ClientSampleId :

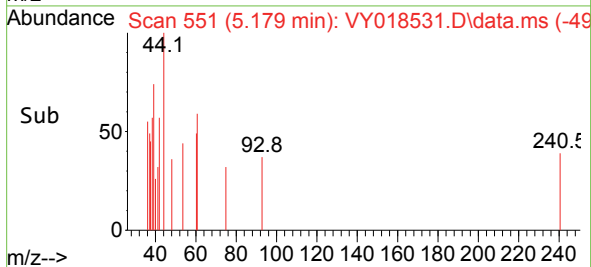
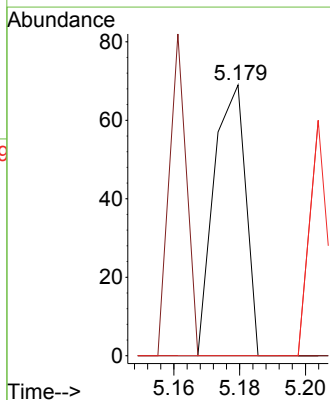
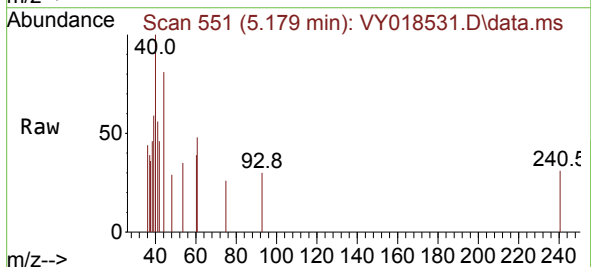


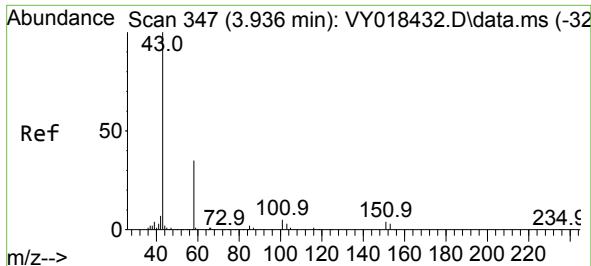
Tgt Ion: 41 Resp: 141  
Ion Ratio Lower Upper  
41 100  
39 114.2 58.3 87.5#  
76 0.0 39.0 58.6#



#15  
Acrylonitrile  
Concen: 2.821 ug/l  
RT: 5.179 min Scan# 551  
Delta R.T. 0.036 min  
Lab File: VY018531.D  
Acq: 07 Jun 2024 16:54

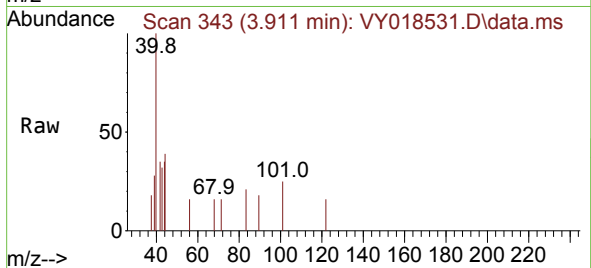
Tgt Ion: 53 Resp: 46  
Ion Ratio Lower Upper  
53 100  
52 65.2 64.7 97.1  
51 0.0 28.4 42.6#



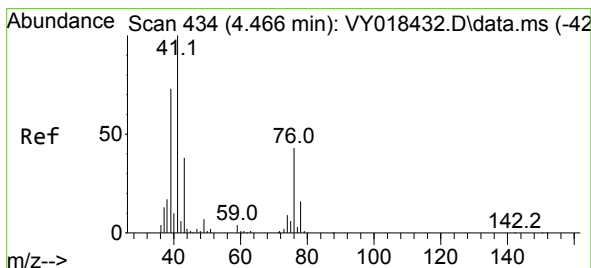
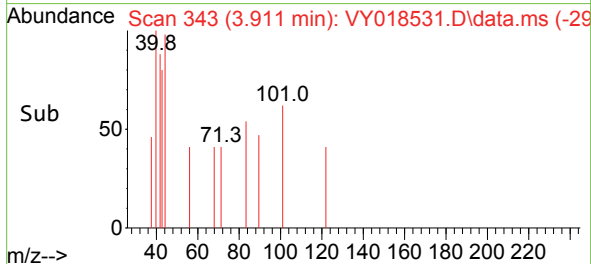
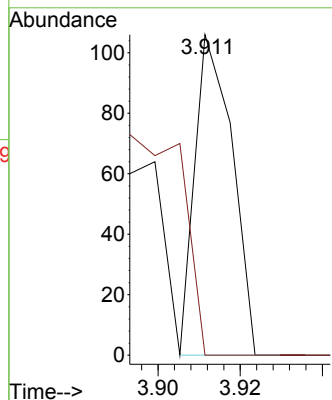


#16  
Acetone  
Concen: 4.755 ug/l  
RT: 3.911 min Scan# 34  
Delta R.T. -0.025 min  
Lab File: VY018531.D  
Acq: 07 Jun 2024 16:54

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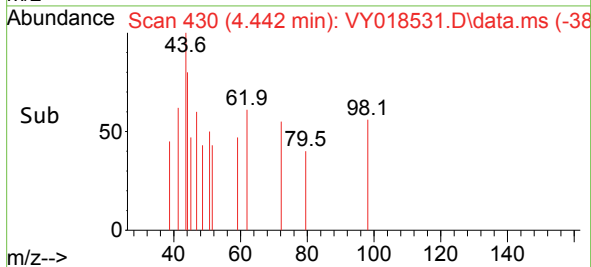
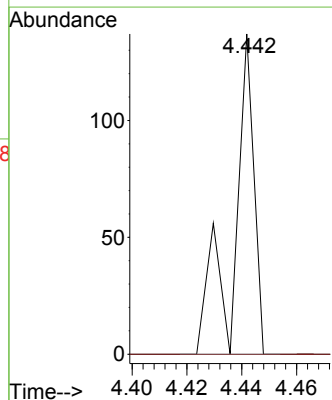
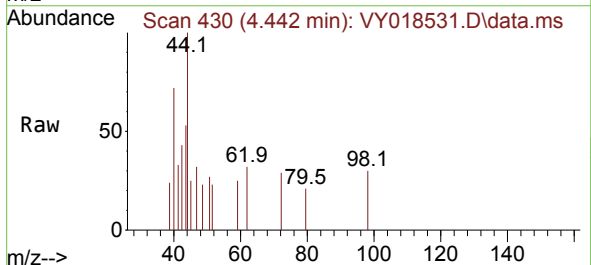


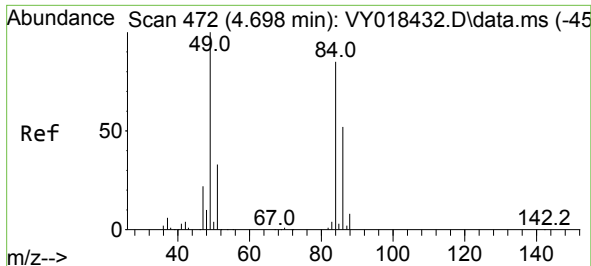
Tgt Ion: 43 Resp: 67  
Ion Ratio Lower Upper  
43 100  
58 0.0 31.7 47.5#



#18  
Methyl Acetate  
Concen: 2.015 ug/l  
RT: 4.442 min Scan# 430  
Delta R.T. -0.025 min  
Lab File: VY018531.D  
Acq: 07 Jun 2024 16:54

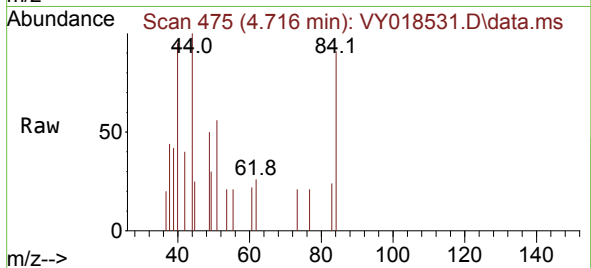
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Ion Ratio Lower Upper  
43 100  
74 0.0 23.3 34.9#



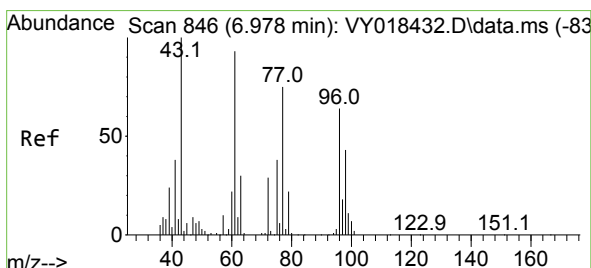
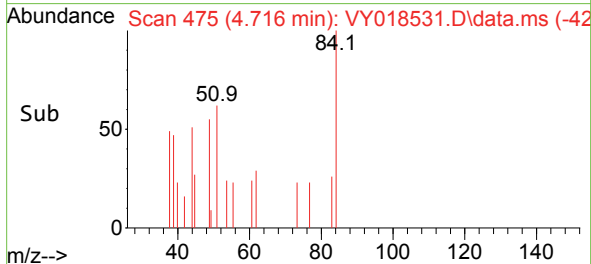
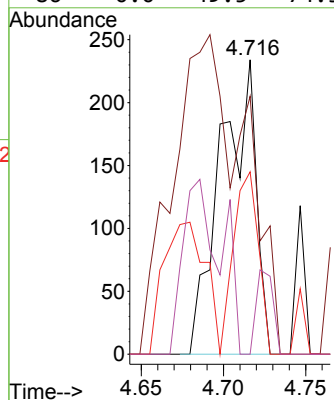


#20  
Methylene Chloride  
Concen: 1.570 ug/l  
RT: 4.716 min Scan# 41  
Delta R.T. 0.018 min  
Lab File: VY018531.D  
Acq: 07 Jun 2024 16:54

Instrument :  
MSVOA\_Y  
ClientSampleId :

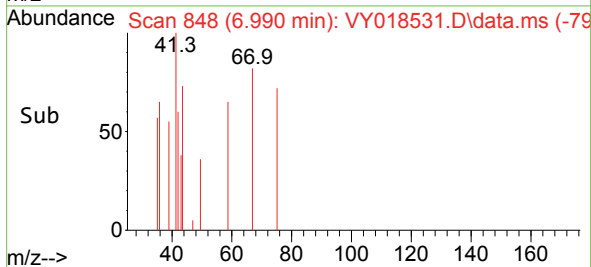
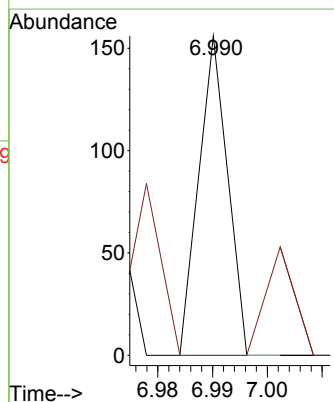
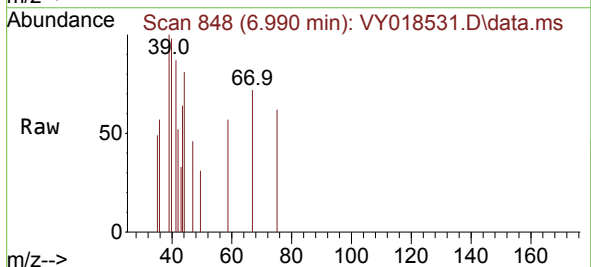


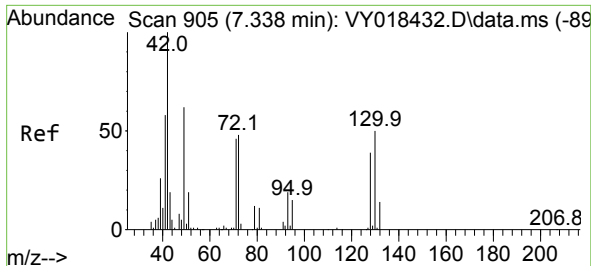
|             |             |
|-------------|-------------|
| Tgt Ion: 84 | Resp: 349   |
| Ion Ratio   | Lower Upper |
| 84 100      |             |
| 49 87.6     | 84.4 126.6  |
| 51 62.0     | 26.0 39.0#  |
| 86 0.0      | 49.5 74.3#  |



#25  
2-Butanone  
Concen: 2.640 ug/l  
RT: 6.990 min Scan# 848  
Delta R.T. 0.012 min  
Lab File: VY018531.D  
Acq: 07 Jun 2024 16:54

|             |          |       |  |
|-------------|----------|-------|--|
| Tgt Ion: 43 | Resp: 57 |       |  |
| Ion Ratio   | Lower    | Upper |  |
| 43 100      |          |       |  |
| 72 0.0      | 27.3     | 40.9# |  |





#29

Tetrahydrofuran

Concen: 1.569 ug/l

RT: 7.319 min Scan# 905

Delta R.T. -0.018 min

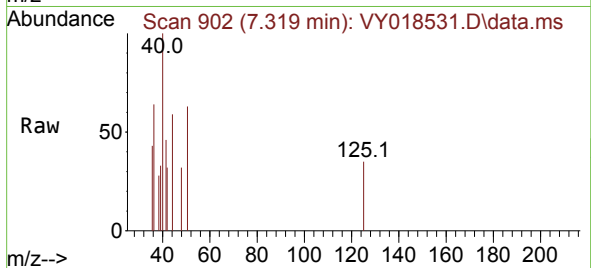
Lab File: VY018531.D

Acq: 07 Jun 2024 16:54

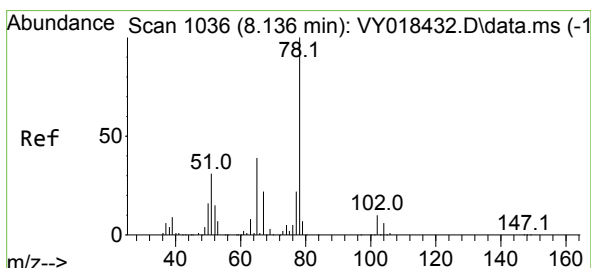
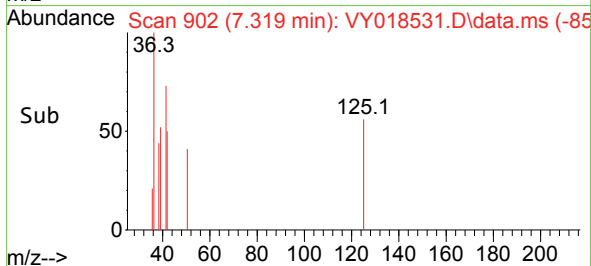
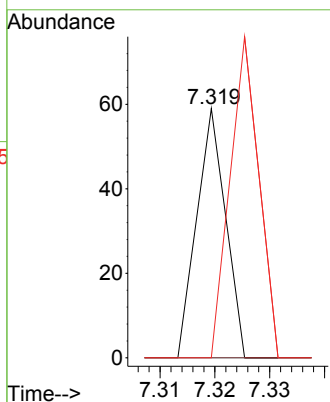
Instrument :

MSVOA\_Y

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 42    | Resp: | 22    |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 0.0   | 43.0  | 64.4# |
| 71       | 127.3 | 40.8  | 61.2# |



#33

1,2-Dichloroethane-d4

Concen: 46.826 ug/l

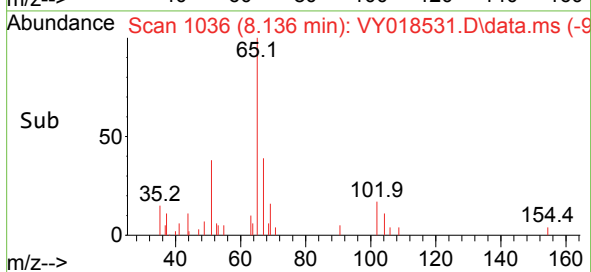
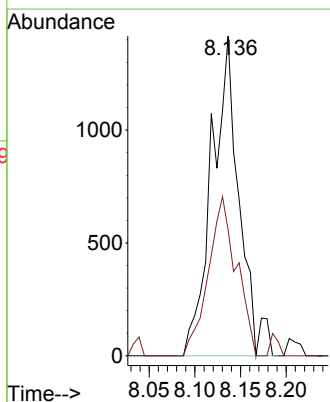
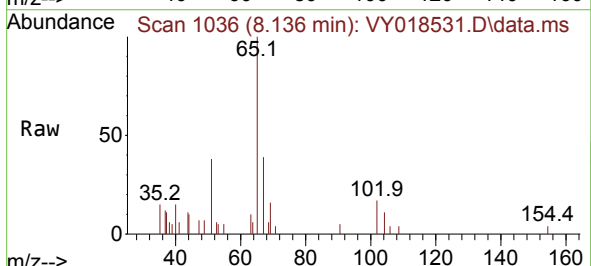
RT: 8.136 min Scan# 1036

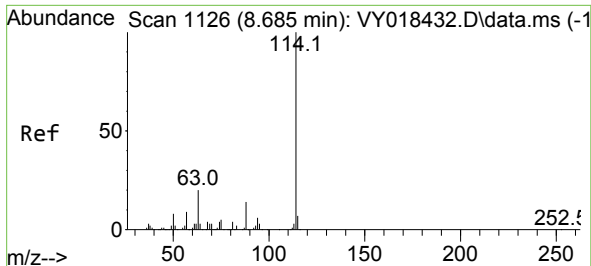
Delta R.T. -0.000 min

Lab File: VY018531.D

Acq: 07 Jun 2024 16:54

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 65    | Resp: | 2973  |
| Ion      | Ratio | Lower | Upper |
| 65       | 100   |       |       |
| 67       | 50.9  | 0.0   | 109.6 |





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY018531.D

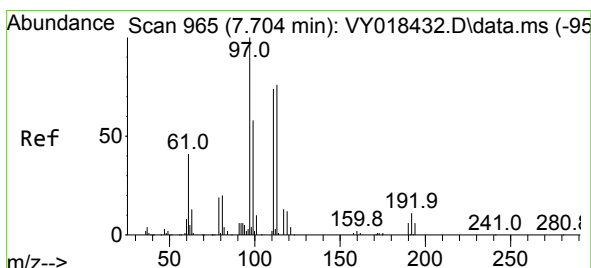
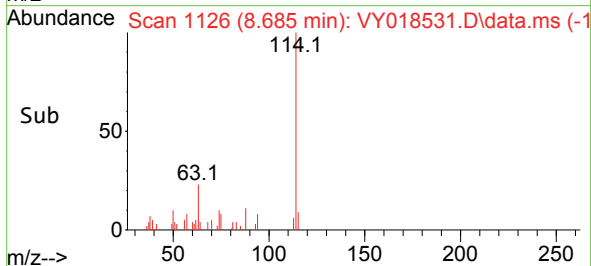
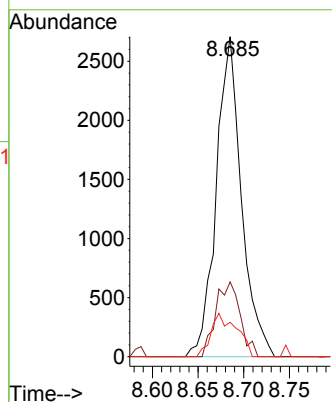
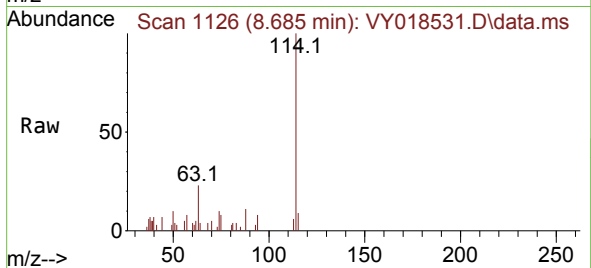
Acq: 07 Jun 2024 16:54

Instrument :

MSVOA\_Y

ClientSampleId :

|             |       |          |
|-------------|-------|----------|
| Tgt Ion:114 | Resp: | 5196     |
| Ion Ratio   | Lower | Upper    |
| 114         | 100   |          |
| 63          | 23.3  | 0.0 35.0 |
| 88          | 10.8  | 0.0 27.2 |



#35

Dibromofluoromethane

Concen: 36.334 ug/l

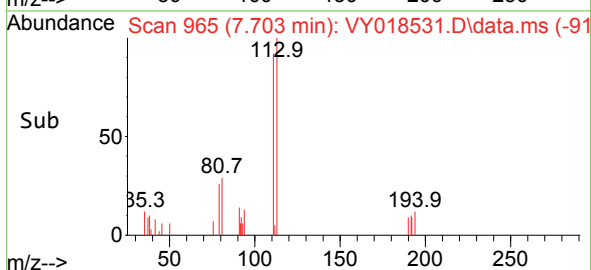
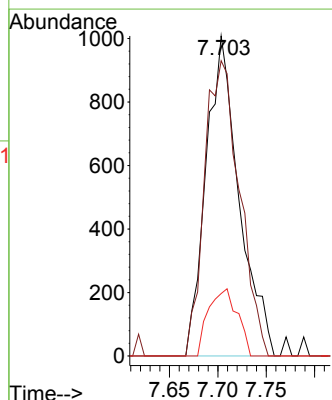
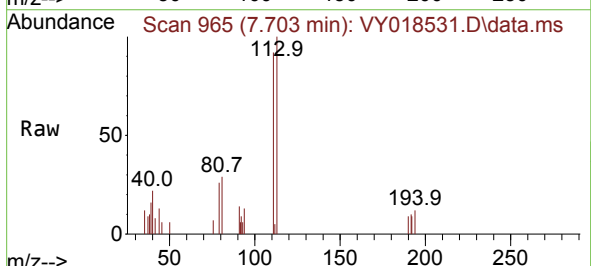
RT: 7.703 min Scan# 965

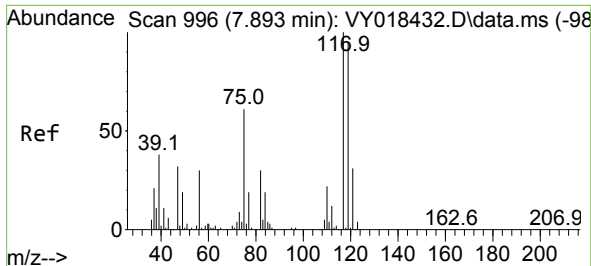
Delta R.T. -0.000 min

Lab File: VY018531.D

Acq: 07 Jun 2024 16:54

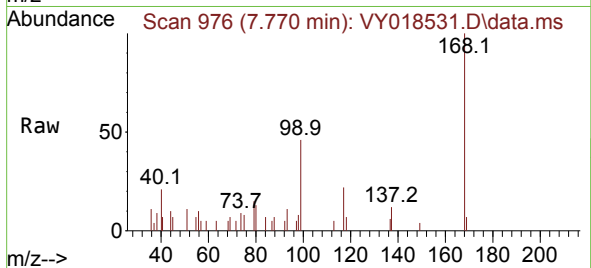
|             |       |            |
|-------------|-------|------------|
| Tgt Ion:113 | Resp: | 2394       |
| Ion Ratio   | Lower | Upper      |
| 113         | 100   |            |
| 111         | 97.6  | 82.2 123.4 |
| 192         | 18.4  | 15.9 23.9  |



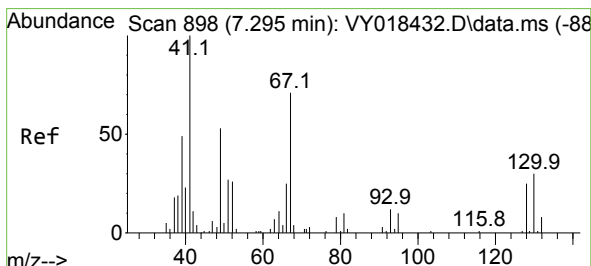
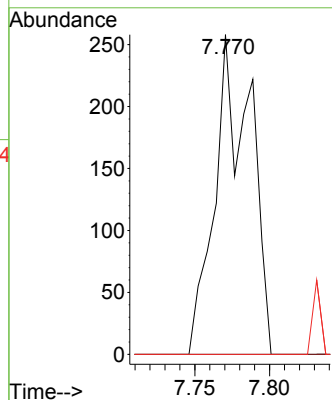
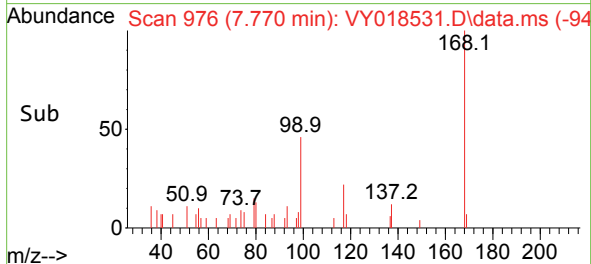


#38  
Carbon Tetrachloride  
Concen: 4.251 ug/l  
RT: 7.770 min Scan# 91  
Delta R.T. -0.122 min  
Lab File: VY018531.D  
Acq: 07 Jun 2024 16:54

Instrument :  
MSVOA\_Y  
ClientSampleId :

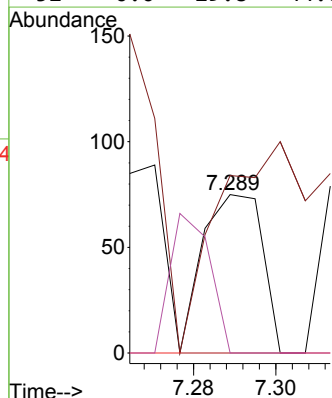
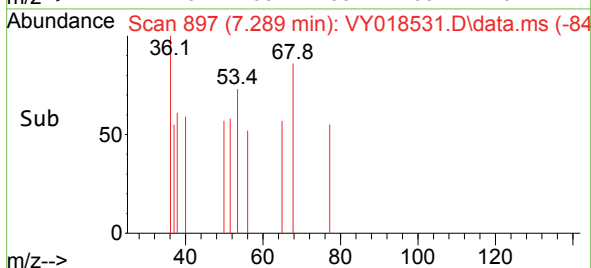
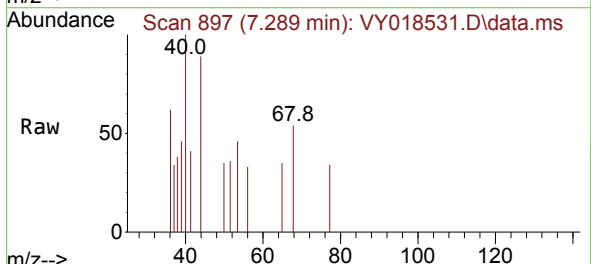


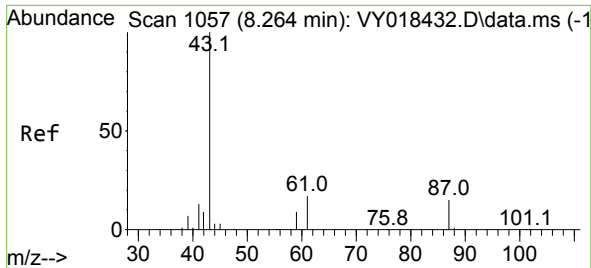
Tgt Ion:117 Resp: 428  
Ion Ratio Lower Upper  
117 100  
119 0.0 75.8 113.6#  
121 0.0 24.0 36.0#



#41  
Methacrylonitrile  
Concen: 3.113 ug/l  
RT: 7.289 min Scan# 897  
Delta R.T. -0.006 min  
Lab File: VY018531.D  
Acq: 07 Jun 2024 16:54

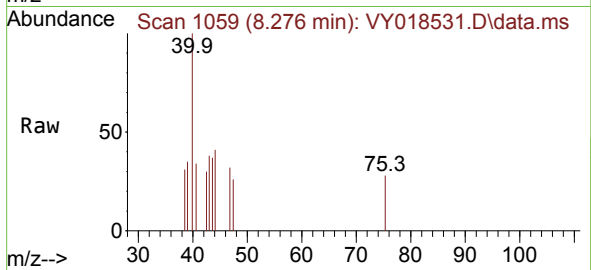
Tgt Ion: 41 Resp: 76  
Ion Ratio Lower Upper  
41 100  
39 260.5 48.0 72.0#  
67 0.0 75.1 112.7#  
52 0.0 29.8 44.6#



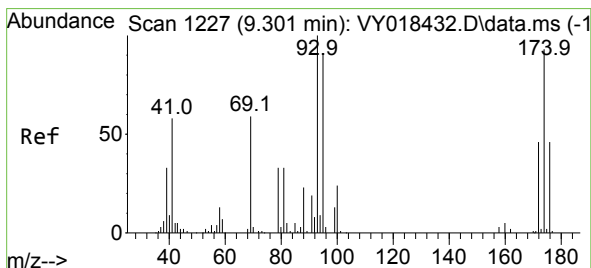
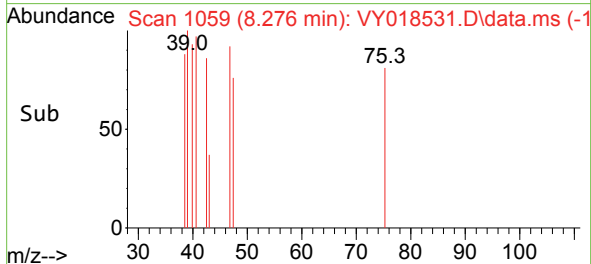
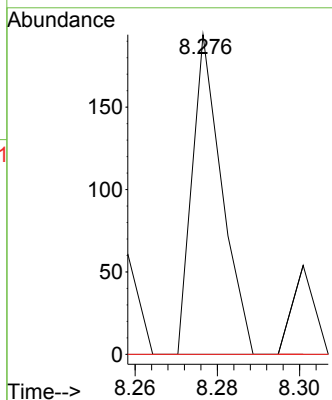


#43  
Isopropyl Acetate  
Concen: 1.034 ug/l  
RT: 8.276 min Scan# 1059  
Delta R.T. 0.012 min  
Lab File: VY018531.D  
Acq: 07 Jun 2024 16:54

Instrument :  
MSVOA\_Y  
ClientSampleId :

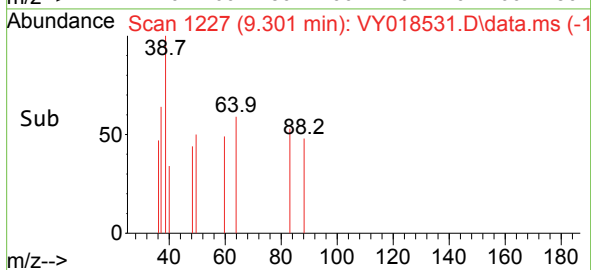
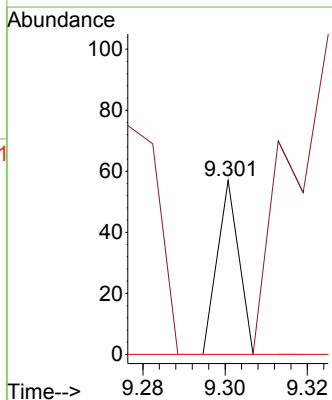
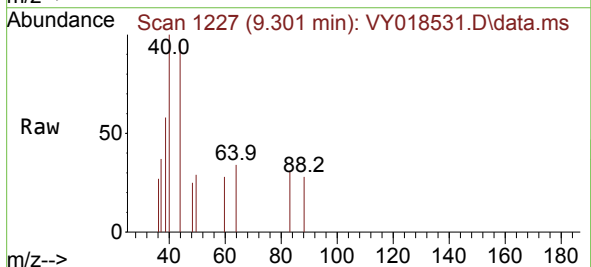


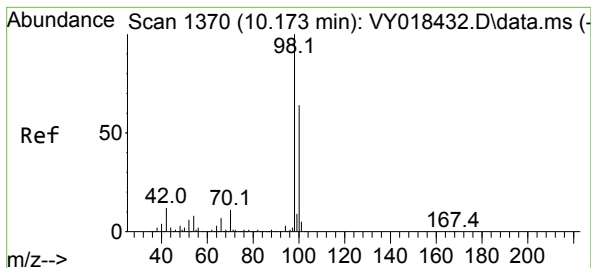
Tgt Ion: 43 Resp: 97  
Ion Ratio Lower Upper  
43 100  
61 0.0 27.9 41.9#  
87 0.0 13.1 19.7#



#49  
1,4-Dioxane  
Concen: 40.516 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. -0.000 min  
Lab File: VY018531.D  
Acq: 07 Jun 2024 16:54

Tgt Ion: 88 Resp: 21  
Ion Ratio Lower Upper  
88 100  
43 0.0 0.0 0.0  
58 0.0 49.3 73.9#





#50

Toluene-d8

Concen: 29.749 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018531.D

Acq: 07 Jun 2024 16:54

Instrument :

MSVOA\_Y

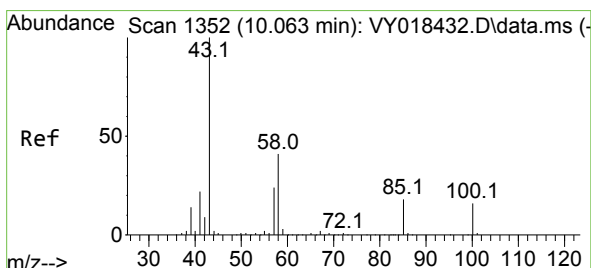
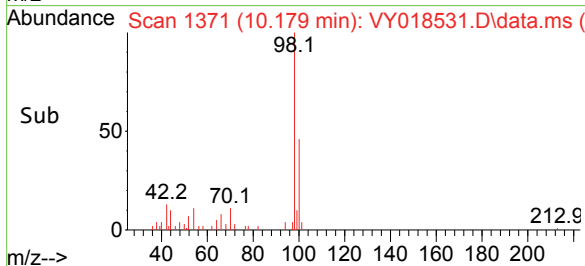
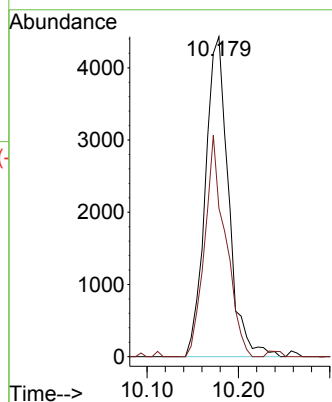
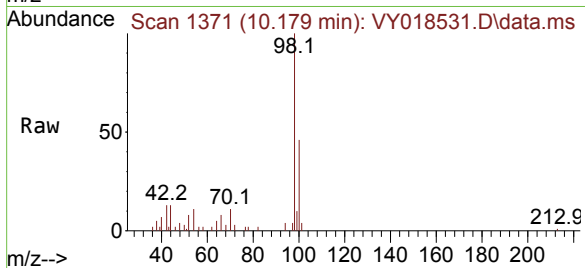
ClientSampleId :

Tgt Ion: 98 Resp: 7798

Ion Ratio Lower Upper

98 100

100 62.1 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 3.181 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.018 min

Lab File: VY018531.D

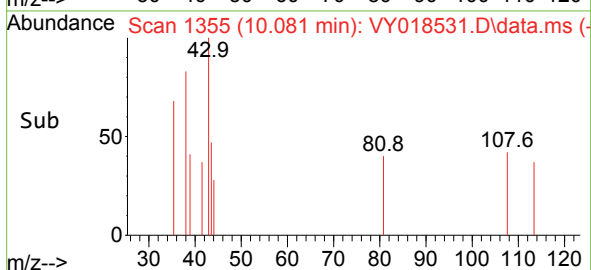
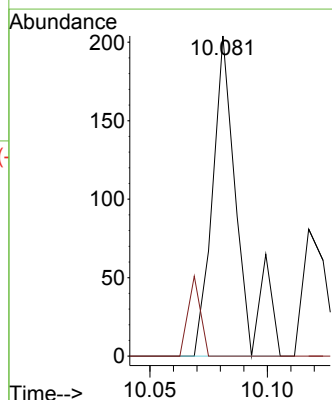
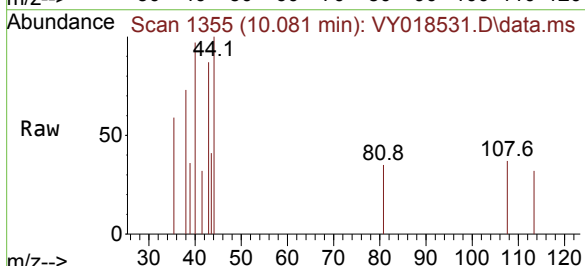
Acq: 07 Jun 2024 16:54

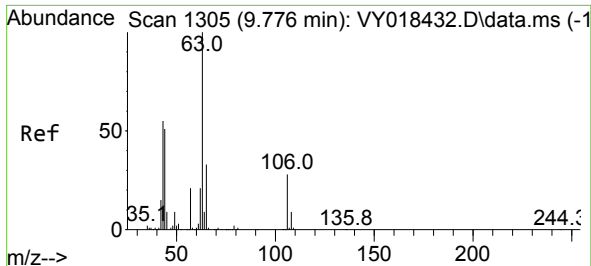
Tgt Ion: 43 Resp: 155

Ion Ratio Lower Upper

43 100

58 12.3 35.7 53.5#

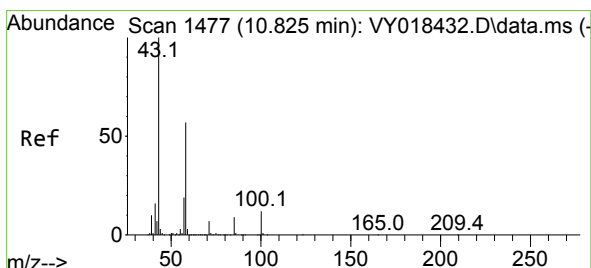
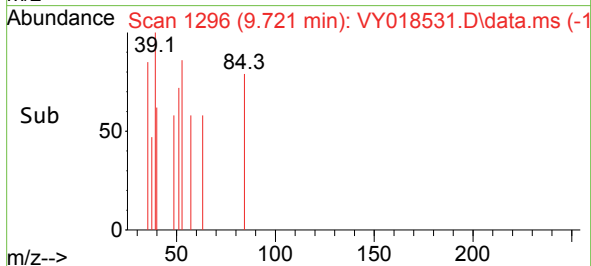
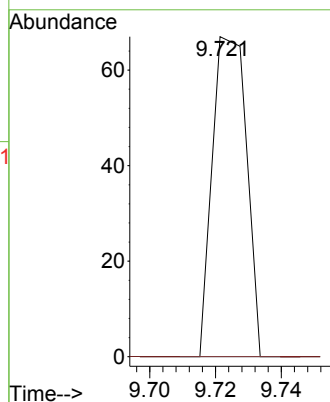
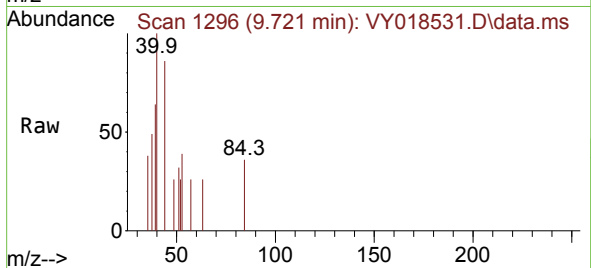




#58  
2-Chloroethyl Vinyl ether  
Concen: 1.237 ug/l  
RT: 9.721 min Scan# 11  
Delta R.T. -0.055 min  
Lab File: VY018531.D  
Acq: 07 Jun 2024 16:54

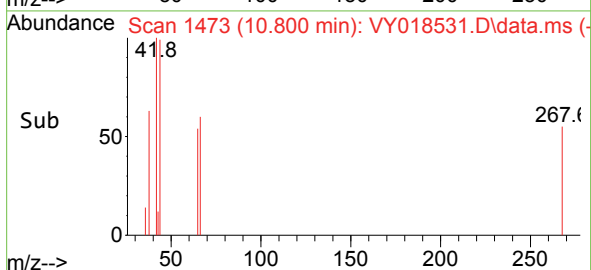
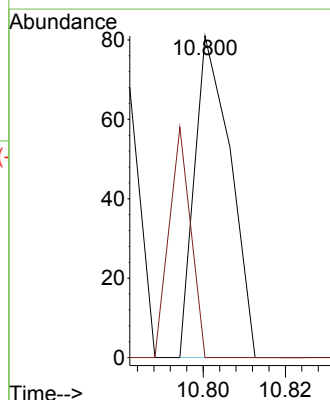
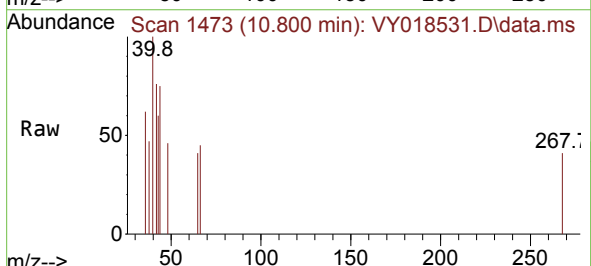
Instrument :  
MSVOA\_Y  
ClientSampleId :

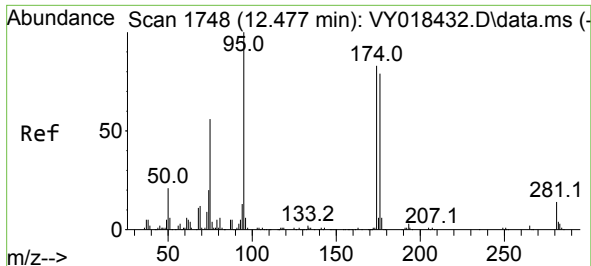
Tgt Ion: 63 Resp: 48  
Ion Ratio Lower Upper  
63 100  
106 0.0 23.7 35.5#



#59  
2-Hexanone  
Concen: 1.455 ug/l  
RT: 10.800 min Scan# 1473  
Delta R.T. -0.025 min  
Lab File: VY018531.D  
Acq: 07 Jun 2024 16:54

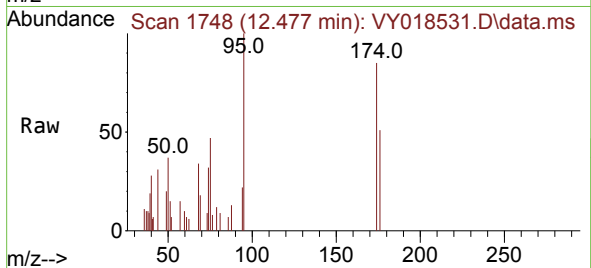
Tgt Ion: 43 Resp: 49  
Ion Ratio Lower Upper  
43 100  
58 42.9 31.4 94.0



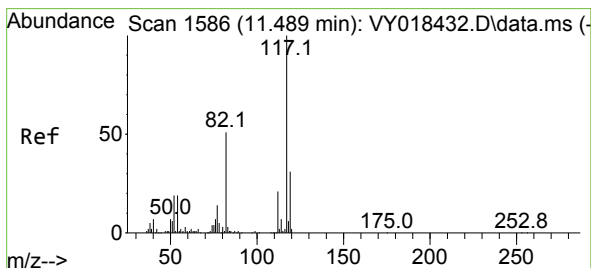
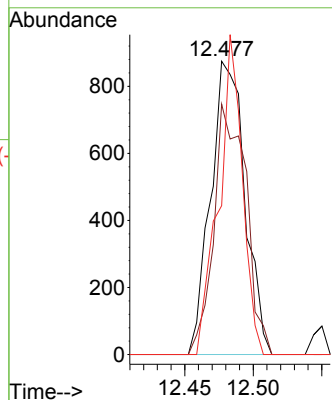
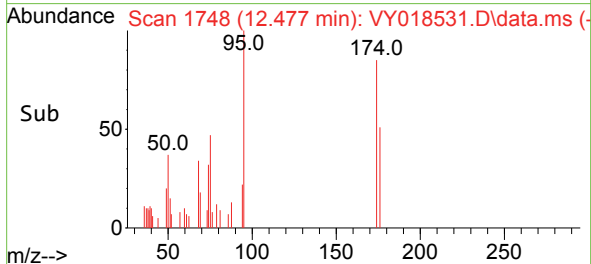


#62  
4-Bromofluorobenzene  
Concen: 18.612 ug/l  
RT: 12.477 min Scan# 11  
Delta R.T. -0.000 min  
Lab File: VY018531.D  
Acq: 07 Jun 2024 16:54

Instrument :  
MSVOA\_Y  
ClientSampleId :

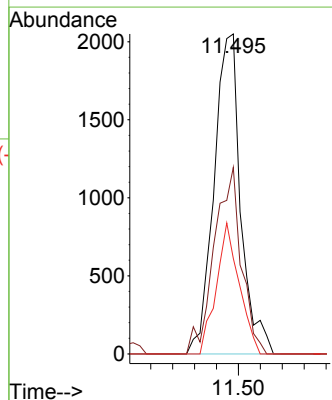
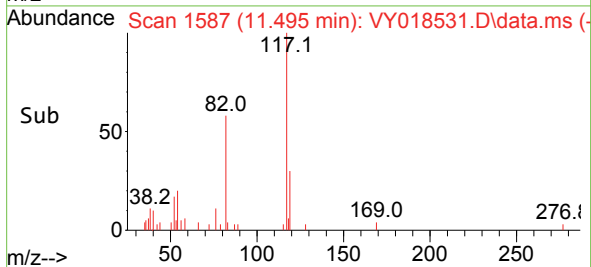
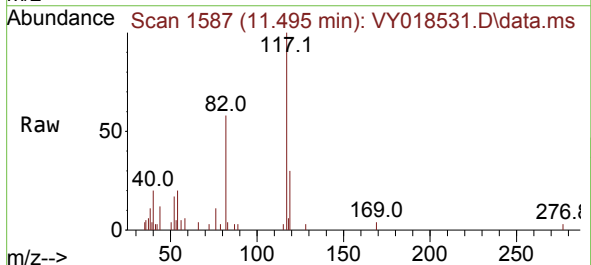


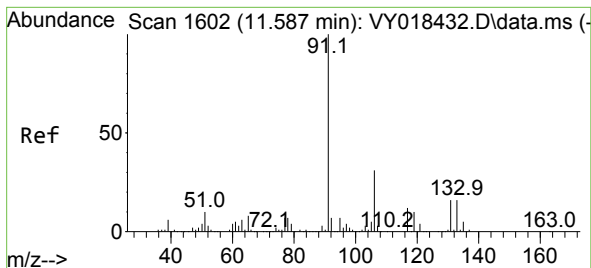
Tgt Ion: 95 Resp: 1519  
Ion Ratio Lower Upper  
95 100  
174 80.3 0.0 175.6  
176 75.4 0.0 171.4



#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.495 min Scan# 1587  
Delta R.T. 0.006 min  
Lab File: VY018531.D  
Acq: 07 Jun 2024 16:54

Tgt Ion: 117 Resp: 3475  
Ion Ratio Lower Upper  
117 100  
82 58.3 42.4 63.6  
119 29.9 25.9 38.9

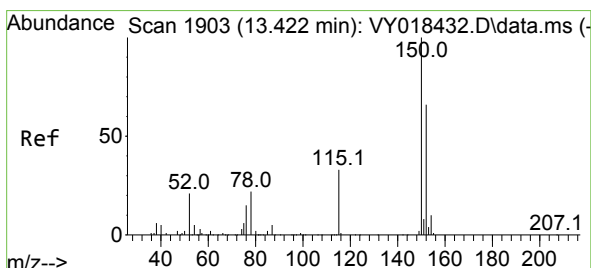
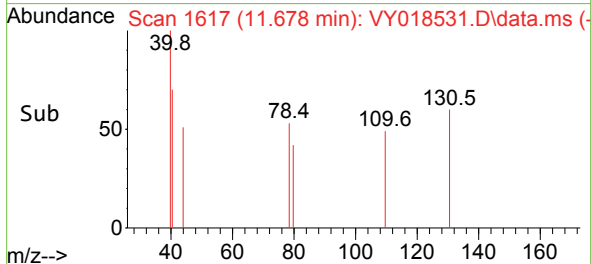
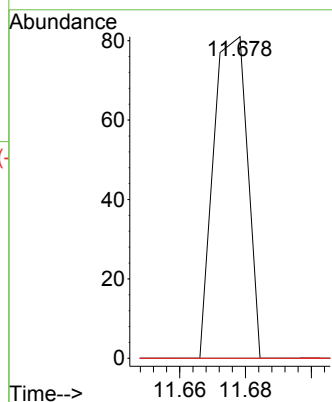
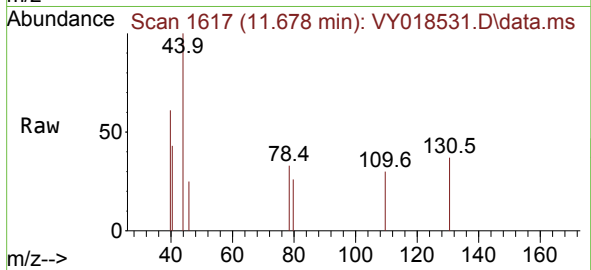




#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 1.204 ug/l  
 RT: 11.678 min Scan# 11  
 Delta R.T. 0.091 min  
 Lab File: VY018531.D  
 Acq: 07 Jun 2024 16:54

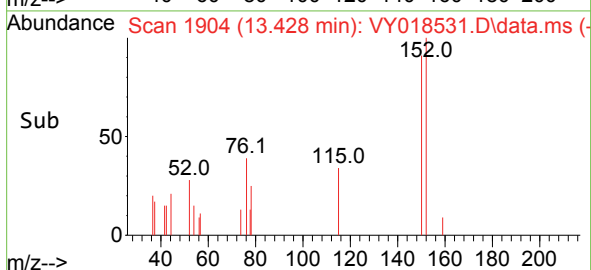
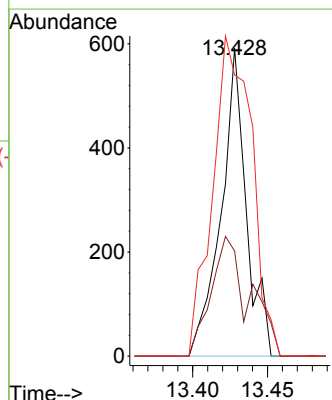
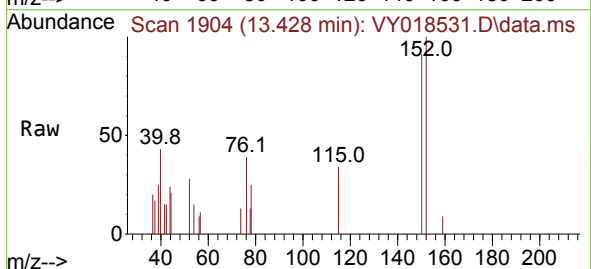
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

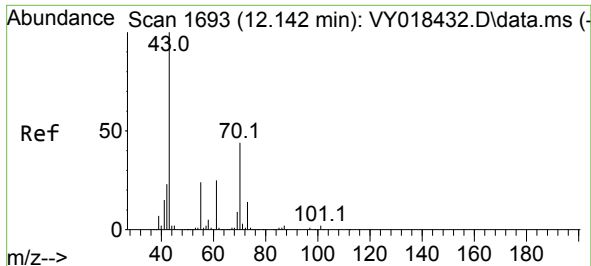
Tgt Ion:131 Resp: 58  
 Ion Ratio Lower Upper  
 131 100  
 133 0.0 47.8 143.3#  
 119 0.0 34.1 102.2#



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.428 min Scan# 1904  
 Delta R.T. 0.006 min  
 Lab File: VY018531.D  
 Acq: 07 Jun 2024 16:54

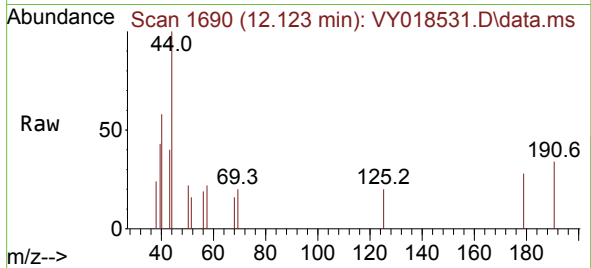
Tgt Ion:152 Resp: 695  
 Ion Ratio Lower Upper  
 152 100  
 115 58.7 28.2 84.7  
 150 160.7 0.0 345.6



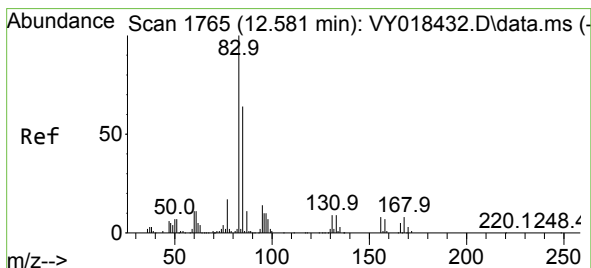
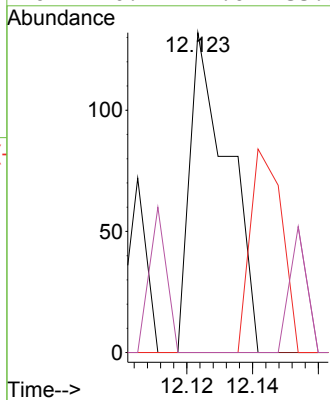
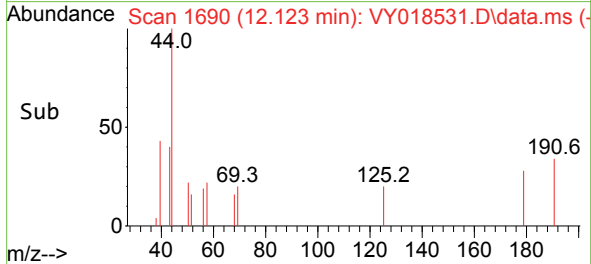


#74  
N-amy1 acetate  
Concen: 6.187 ug/l  
RT: 12.123 min Scan# 1690  
Delta R.T. -0.018 min  
Lab File: VY018531.D  
Acq: 07 Jun 2024 16:54

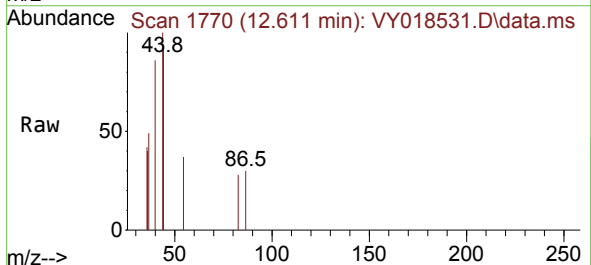
Instrument :  
MSVOA\_Y  
ClientSampleId :



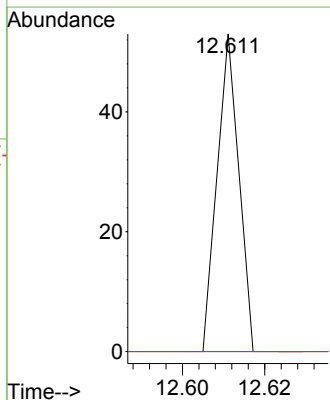
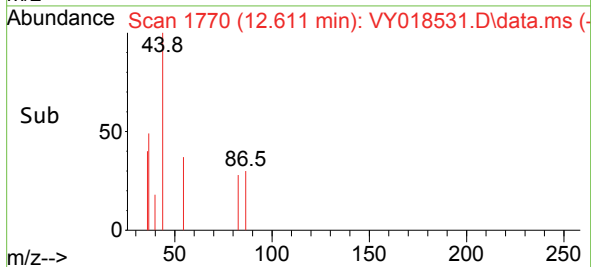
Tgt Ion: 43 Resp: 108  
Ion Ratio Lower Upper  
43 100  
70 0.0 41.4 62.2#  
55 0.0 23.3 34.9#  
61 20.4 22.6 33.8#

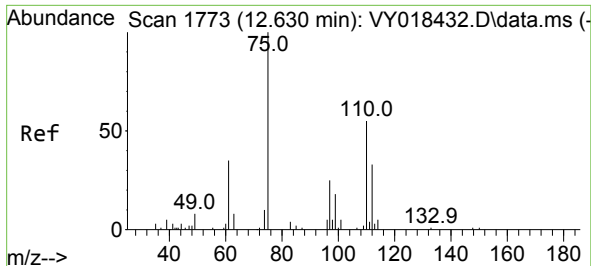


#75  
1,1,2,2-Tetrachloroethane  
Concen: 1.505 ug/l  
RT: 12.611 min Scan# 1770  
Delta R.T. 0.030 min  
Lab File: VY018531.D  
Acq: 07 Jun 2024 16:54



Tgt Ion: 83 Resp: 19  
Ion Ratio Lower Upper  
83 100  
131 0.0 5.0 14.9#  
85 0.0 32.0 96.0#

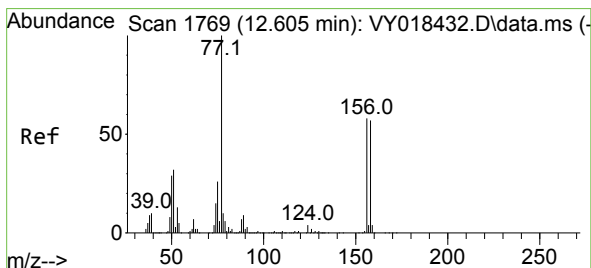
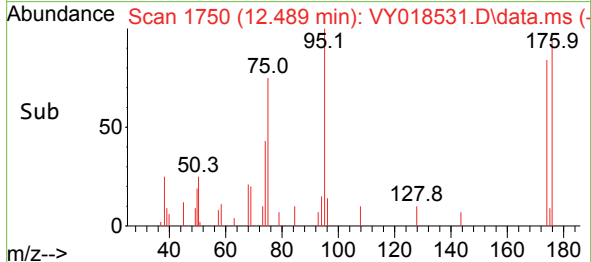
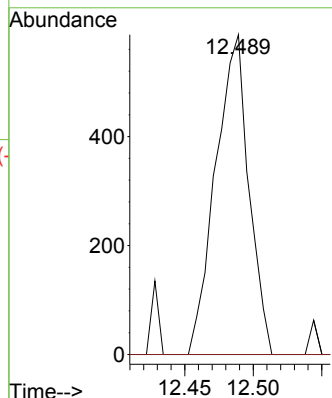
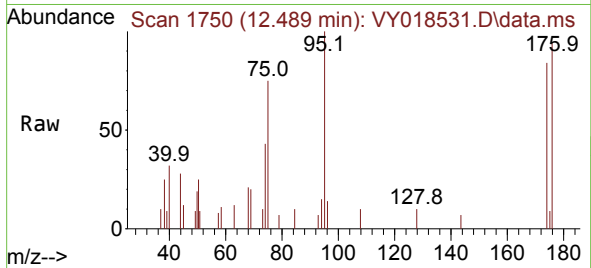




#76  
1,2,3-Trichloropropane  
Concen: 114.991 ug/l  
RT: 12.489 min Scan# 11  
Delta R.T. -0.140 min  
Lab File: VY018531.D  
Acq: 07 Jun 2024 16:54

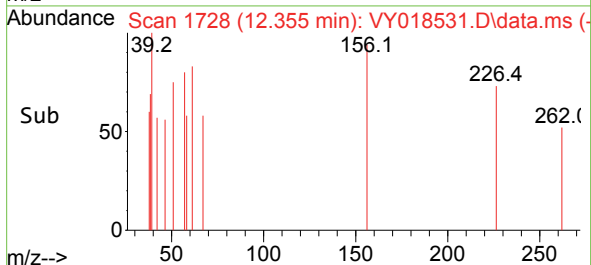
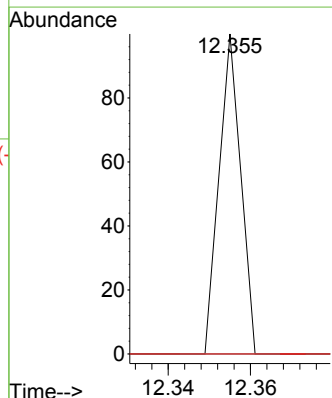
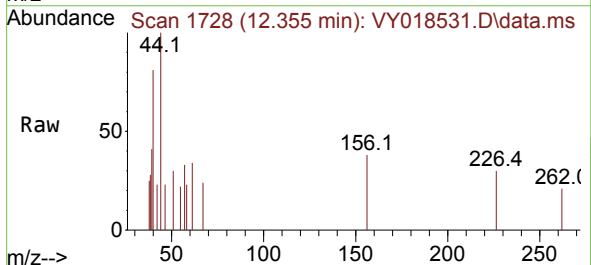
Instrument :  
MSVOA\_Y  
ClientSampleId :

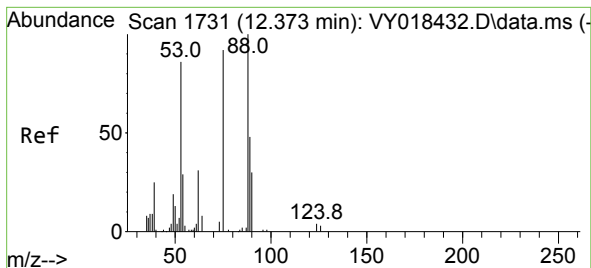
Tgt Ion: 75 Resp: 991  
Ion Ratio Lower Upper  
75 100  
77 0.0 0.0 0.0



#77  
Bromobenzene  
Concen: 2.430 ug/l  
RT: 12.355 min Scan# 1728  
Delta R.T. -0.250 min  
Lab File: VY018531.D  
Acq: 07 Jun 2024 16:54

Tgt Ion: 156 Resp: 37  
Ion Ratio Lower Upper  
156 100  
77 0.0 87.1 261.3#  
158 0.0 48.6 145.9#

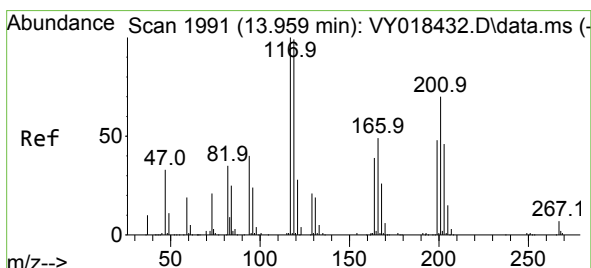
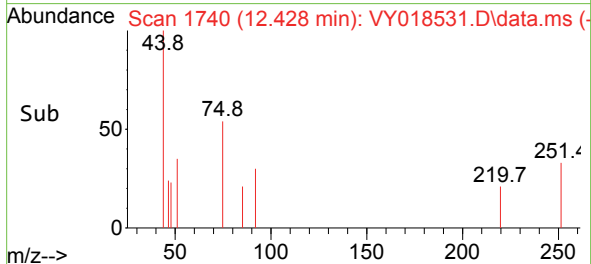
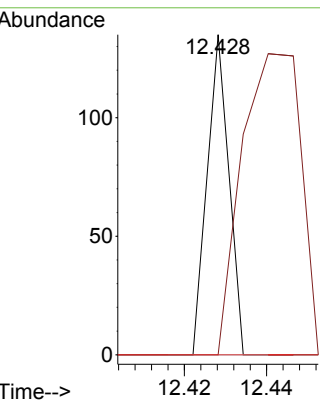
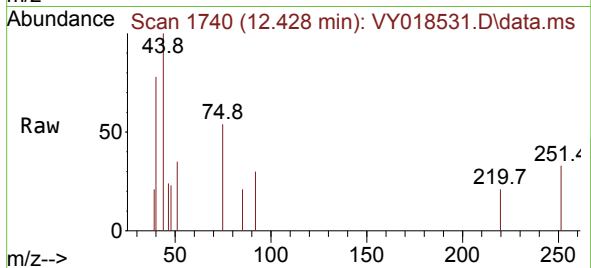




#81  
trans-1,4-Dichloro-2-butene  
Concen: 11.945 ug/l  
RT: 12.428 min Scan# 11  
Delta R.T. 0.055 min  
Lab File: VY018531.D  
Acq: 07 Jun 2024 16:54

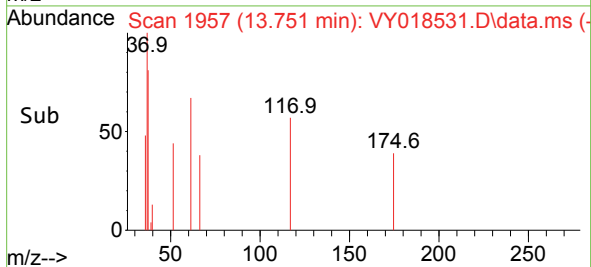
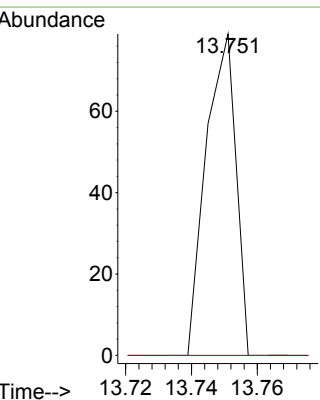
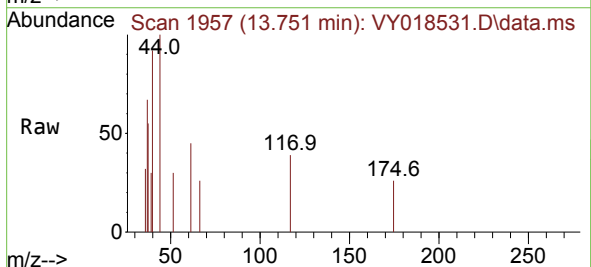
Instrument :  
MSVOA\_Y  
ClientSampleId :

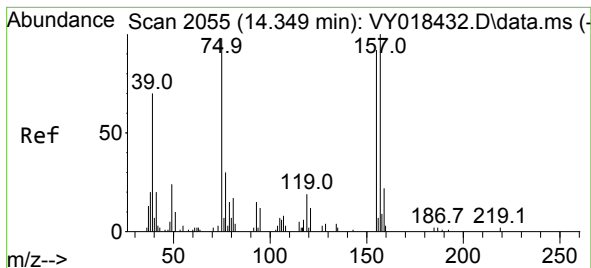
Tgt Ion: 75 Resp: 49  
Ion Ratio Lower Upper  
75 100  
53 259.2 66.8 100.2#  
89 0.0 35.8 53.6#



#90  
Hexachloroethane  
Concen: 4.345 ug/l  
RT: 13.751 min Scan# 1957  
Delta R.T. -0.207 min  
Lab File: VY018531.D  
Acq: 07 Jun 2024 16:54

Tgt Ion: 117 Resp: 50  
Ion Ratio Lower Upper  
117 100  
201 0.0 37.4 112.2#

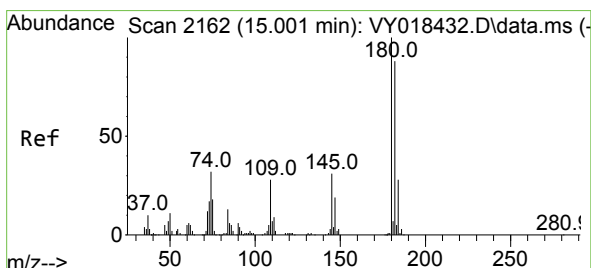
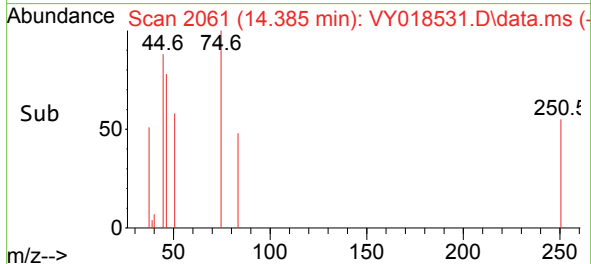
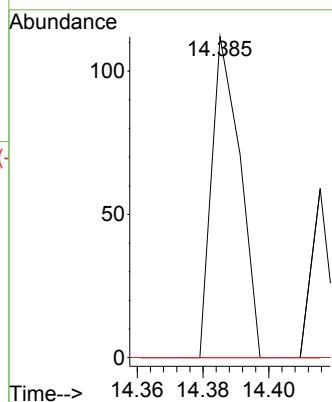
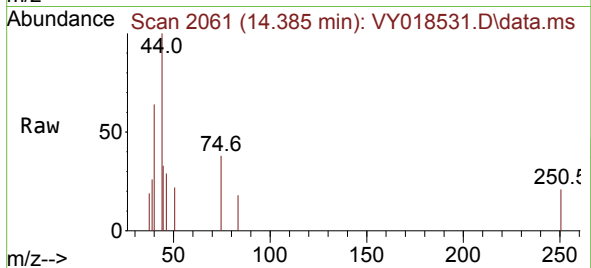




#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 34.875 ug/l  
 RT: 14.385 min Scan# 2055  
 Delta R.T. 0.036 min  
 Lab File: VY018531.D  
 Acq: 07 Jun 2024 16:54

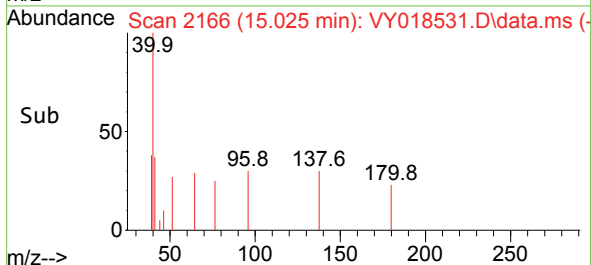
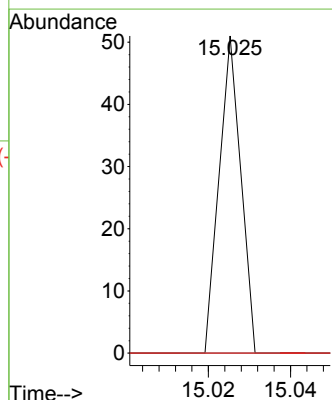
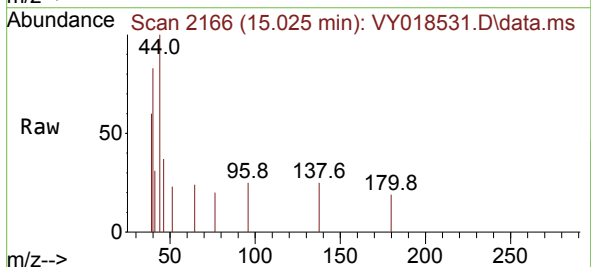
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

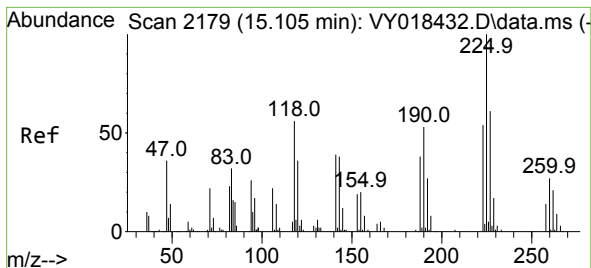
Tgt Ion: 75 Resp: 67  
 Ion Ratio Lower Upper  
 75 100  
 155 0.0 48.6 145.8#  
 157 0.0 62.7 188.2#



#93  
 1,2,4-Trichlorobenzene  
 Concen: 1.344 ug/l  
 RT: 15.025 min Scan# 2166  
 Delta R.T. 0.024 min  
 Lab File: VY018531.D  
 Acq: 07 Jun 2024 16:54

Tgt Ion: 180 Resp: 19  
 Ion Ratio Lower Upper  
 180 100  
 182 0.0 47.9 143.8#  
 145 0.0 14.2 42.6#





#94

Hexachlorobutadiene

Concen: 2.797 ug/l

RT: 15.287 min Scan# 21

Delta R.T. 0.183 min

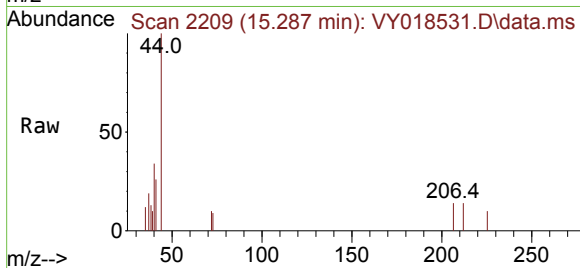
Lab File: VY018531.D

Acq: 07 Jun 2024 16:54

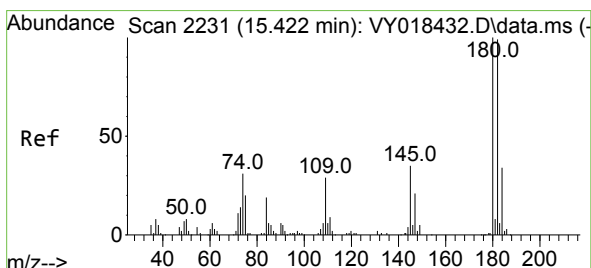
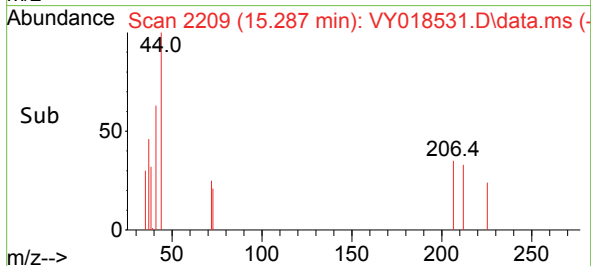
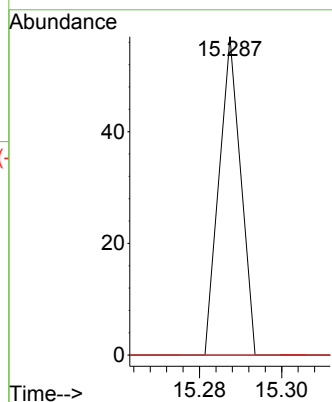
Instrument :

MSVOA\_Y

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 21    |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 0.0   | 30.4  | 91.2# |
| 227      | 0.0   | 31.9  | 95.9# |



#96

1,2,3-Trichlorobenzene

Concen: 1.589 ug/l

RT: 15.263 min Scan# 2205

Delta R.T. -0.159 min

Lab File: VY018531.D

Acq: 07 Jun 2024 16:54

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 180   | Resp: | 19     |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 0.0   | 47.6  | 142.9# |
| 145      | 0.0   | 15.4  | 46.1#  |

