

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY052324\  
 Data File : VY018355.D  
 Acq On : 23 May 2024 11:50  
 Operator : SY/MD  
 Sample : VY0523SBS01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: May 24 01:14:15 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y052224S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 23 01:40:36 2024  
 Response via : Initial Calibration

| Compound                     | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|------------------------------|--------|-------|----------|----------|-------|----------|
| -----                        |        |       |          |          |       |          |
| Internal Standards           |        |       |          |          |       |          |
| 1) Pentafluorobenzene        | 7.783  | 168   | 145574   | 50.000   | ug/l  | # 0.00   |
| 34) 1,4-Difluorobenzene      | 8.685  | 114   | 267022   | 50.000   | ug/l  | 0.00     |
| 63) Chlorobenzene-d5         | 11.490 | 117   | 234772   | 50.000   | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4   | 13.422 | 152   | 104770   | 50.000   | ug/l  | 0.00     |
| System Monitoring Compounds  |        |       |          |          |       |          |
| 33) 1,2-Dichloroethane-d4    | 8.130  | 65    | 67264    | 48.771   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 50 - 163 | Recovery | =     | 97.540%  |
| 35) Dibromofluoromethane     | 7.710  | 113   | 70286    | 45.138   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 54 - 147 | Recovery | =     | 90.280%  |
| 50) Toluene-d8               | 10.173 | 98    | 280097   | 46.137   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 58 - 134 | Recovery | =     | 92.280%  |
| 62) 4-Bromofluorobenzene     | 12.477 | 95    | 87486    | 46.637   | ug/l  | 0.00     |
| Spiked Amount                | 50.000 | Range | 30 - 143 | Recovery | =     | 93.280%  |
| Target Compounds             |        |       |          |          |       |          |
|                              |        |       |          |          |       | Qvalue   |
| 2) Dichlorodifluoromethane   | 1.900  | 85    | 25320    | 20.378   | ug/l  | 99       |
| 3) Chloromethane             | 2.107  | 50    | 38537    | 19.085   | ug/l  | 100      |
| 4) Vinyl Chloride            | 2.241  | 62    | 47596    | 21.071   | ug/l  | 97       |
| 5) Bromomethane              | 2.631  | 94    | 34137    | 21.137   | ug/l  | 97       |
| 6) Chloroethane              | 2.778  | 64    | 32042    | 21.852   | ug/l  | 95       |
| 7) Trichlorofluoromethane    | 3.113  | 101   | 54051    | 21.322   | ug/l  | 96       |
| 8) Diethyl Ether             | 3.515  | 74    | 17213    | 21.265   | ug/l  | 89       |
| 9) 1,1,2-Trichlorotrifluo... | 3.881  | 101   | 30850    | 19.726   | ug/l  | 94       |
| 10) Methyl Iodide            | 4.076  | 142   | 30327    | 19.282   | ug/l  | 99       |
| 11) Tert butyl alcohol       | 4.942  | 59    | 16744    | 106.729  | ug/l  | # 94     |
| 12) 1,1-Dichloroethene       | 3.857  | 96    | 30810    | 20.003   | ug/l  | 97       |
| 13) Acrolein                 | 3.717  | 56    | 13793    | 112.801  | ug/l  | 94       |
| 14) Allyl chloride           | 4.460  | 41    | 46598    | 21.661   | ug/l  | 94       |
| 15) Acrylonitrile            | 5.143  | 53    | 38862    | 111.000  | ug/l  | 99       |
| 16) Acetone                  | 3.930  | 43    | 31076    | 109.551  | ug/l  | # 83     |
| 17) Carbon Disulfide         | 4.180  | 76    | 80662    | 18.753   | ug/l  | 100      |
| 18) Methyl Acetate           | 4.466  | 43    | 16568    | 22.036   | ug/l  | 96       |
| 19) Methyl tert-butyl Ether  | 5.210  | 73    | 81157    | 21.974   | ug/l  | 97       |
| 20) Methylene Chloride       | 4.698  | 84    | 47987    | 27.170   | ug/l  | 92       |
| 21) trans-1,2-Dichloroethene | 5.204  | 96    | 32739    | 20.148   | ug/l  | 98       |
| 22) Diisopropyl ether        | 6.100  | 45    | 102417   | 22.910   | ug/l  | 90       |
| 23) Vinyl Acetate            | 6.045  | 43    | 319789   | 111.717  | ug/l  | 94       |
| 24) 1,1-Dichloroethane       | 6.003  | 63    | 60071    | 21.911   | ug/l  | 97       |
| 25) 2-Butanone               | 6.978  | 43    | 50165    | 111.596  | ug/l  | 88       |
| 26) 2,2-Dichloropropane      | 6.966  | 77    | 50267    | 21.210   | ug/l  | 99       |
| 27) cis-1,2-Dichloroethene   | 6.972  | 96    | 39891    | 20.892   | ug/l  | 95       |
| 28) Bromochloromethane       | 7.326  | 49    | 18232    | 19.580   | ug/l  | # 87     |
| 29) Tetrahydrofuran          | 7.332  | 42    | 33242    | 112.350  | ug/l  | 89       |
| 30) Chloroform               | 7.496  | 83    | 61216    | 21.907   | ug/l  | 97       |
| 31) Cyclohexane              | 7.777  | 56    | 55150    | 21.264   | ug/l  | 93       |
| 32) 1,1,1-Trichloroethane    | 7.692  | 97    | 52130    | 21.254   | ug/l  | 97       |
| 36) 1,1-Dichloropropene      | 7.911  | 75    | 43794    | 19.393   | ug/l  | 99       |
| 37) Ethyl Acetate            | 7.064  | 43    | 22324    | 20.665   | ug/l  | 98       |
| 38) Carbon Tetrachloride     | 7.893  | 117   | 43774    | 18.926   | ug/l  | 94       |
| 39) Methylcyclohexane        | 9.179  | 83    | 59344    | 18.838   | ug/l  | 96       |
| 40) Benzene                  | 8.155  | 78    | 142403   | 20.686   | ug/l  | 100      |

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 Data File : VY018355.D  
 Acq On : 23 May 2024 11:50  
 Operator : SY/MD  
 Sample : VY0523SBSD01  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Quant Time: May 24 01:14:15 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y052224S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu May 23 01:40:36 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 41) Methacrylonitrile         | 7.301  | 41   | 15004    | 27.825  | ug/l # | 80       |
| 42) 1,2-Dichloroethane        | 8.228  | 62   | 34429    | 20.792  | ug/l   | 100      |
| 43) Isopropyl Acetate         | 8.265  | 43   | 43622    | 20.696  | ug/l   | 95       |
| 44) Trichloroethene           | 8.935  | 130  | 34823    | 19.735  | ug/l   | 95       |
| 45) 1,2-Dichloropropane       | 9.210  | 63   | 32594    | 21.052  | ug/l   | 94       |
| 46) Dibromomethane            | 9.301  | 93   | 18947    | 20.855  | ug/l   | 89       |
| 47) Bromodichloromethane      | 9.490  | 83   | 45071    | 20.442  | ug/l   | 98       |
| 48) Methyl methacrylate       | 9.289  | 41   | 19189    | 20.127  | ug/l   | 89       |
| 49) 1,4-Dioxane               | 9.295  | 88   | 4995     | 423.753 | ug/l # | 95       |
| 51) 4-Methyl-2-Pentanone      | 10.063 | 43   | 114847   | 107.965 | ug/l   | 94       |
| 52) Toluene                   | 10.240 | 92   | 89547    | 20.751  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene     | 10.459 | 75   | 40343    | 20.013  | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene   | 9.923  | 75   | 51849    | 20.991  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane     | 10.642 | 97   | 25011    | 20.780  | ug/l   | 97       |
| 56) Ethyl methacrylate        | 10.508 | 69   | 36507    | 22.113  | ug/l # | 90       |
| 57) 1,3-Dichloropropane       | 10.782 | 76   | 44282    | 21.706  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether | 9.777  | 63   | 69866    | 93.655  | ug/l   | 98       |
| 59) 2-Hexanone                | 10.825 | 43   | 81812    | 111.772 | ug/l   | 92       |
| 60) Dibromochloromethane      | 10.984 | 129  | 29567    | 20.338  | ug/l   | 100      |
| 61) 1,2-Dibromoethane         | 11.087 | 107  | 23008    | 20.717  | ug/l   | 100      |
| 64) Tetrachloroethene         | 10.715 | 164  | 30286    | 18.185  | ug/l   | 95       |
| 65) Chlorobenzene             | 11.514 | 112  | 96196    | 19.835  | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane | 11.587 | 131  | 30841    | 20.102  | ug/l   | 98       |
| 67) Ethyl Benzene             | 11.587 | 91   | 172081   | 20.204  | ug/l   | 100      |
| 68) m/p-Xylenes               | 11.697 | 106  | 131501   | 40.128  | ug/l   | 99       |
| 69) o-Xylene                  | 12.026 | 106  | 62170    | 20.103  | ug/l   | 99       |
| 70) Styrene                   | 12.038 | 104  | 103092   | 20.166  | ug/l   | 99       |
| 71) Bromoform                 | 12.203 | 173  | 15216    | 18.750  | ug/l # | 98       |
| 73) Isopropylbenzene          | 12.325 | 105  | 162729   | 19.761  | ug/l   | 99       |
| 74) N-amyl acetate            | 12.142 | 43   | 40182    | 20.915  | ug/l   | 91       |
| 75) 1,1,2,2-Tetrachloroethane | 12.581 | 83   | 28741    | 20.483  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane    | 12.630 | 75   | 36896    | 39.182  | ug/l # | 100      |
| 77) Bromobenzene              | 12.605 | 156  | 34180    | 18.951  | ug/l   | 94       |
| 78) n-propylbenzene           | 12.666 | 91   | 197076   | 19.988  | ug/l   | 99       |
| 79) 2-Chlorotoluene           | 12.752 | 91   | 107422   | 20.124  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene    | 12.806 | 105  | 126137   | 19.493  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-b... | 12.374 | 75   | 8999     | 19.663  | ug/l   | 92       |
| 82) 4-Chlorotoluene           | 12.849 | 91   | 105746   | 19.538  | ug/l   | 100      |
| 83) tert-Butylbenzene         | 13.069 | 119  | 121268   | 20.273  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene    | 13.117 | 105  | 125389   | 19.703  | ug/l   | 99       |
| 85) sec-Butylbenzene          | 13.252 | 105  | 171529   | 19.389  | ug/l   | 100      |
| 86) p-Isopropyltoluene        | 13.367 | 119  | 141693   | 19.582  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene       | 13.361 | 146  | 69874    | 19.675  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene       | 13.440 | 146  | 70014    | 19.807  | ug/l   | 98       |
| 89) n-Butylbenzene            | 13.697 | 91   | 132600   | 19.500  | ug/l   | 99       |
| 90) Hexachloroethane          | 13.959 | 117  | 26072    | 19.511  | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene       | 13.739 | 146  | 61833    | 20.065  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropr... | 14.355 | 75   | 3955     | 20.551  | ug/l   | 83       |
| 93) 1,2,4-Trichlorobenzene    | 15.007 | 180  | 32155    | 18.318  | ug/l   | 98       |
| 94) Hexachlorobutadiene       | 15.111 | 225  | 16465    | 18.329  | ug/l   | 96       |
| 95) Naphthalene               | 15.233 | 128  | 63942    | 18.524  | ug/l   | 99       |
| 96) 1,2,3-Trichlorobenzene    | 15.422 | 180  | 26463    | 17.732  | ug/l   | 97       |

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Sample : VY0523SBSD01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :

Quant Time: May 24 01:14:15 2024  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y052224S.M  
Quant Title : SW846 8260  
QLast Update : Thu May 23 01:40:36 2024  
Response via : Initial Calibration

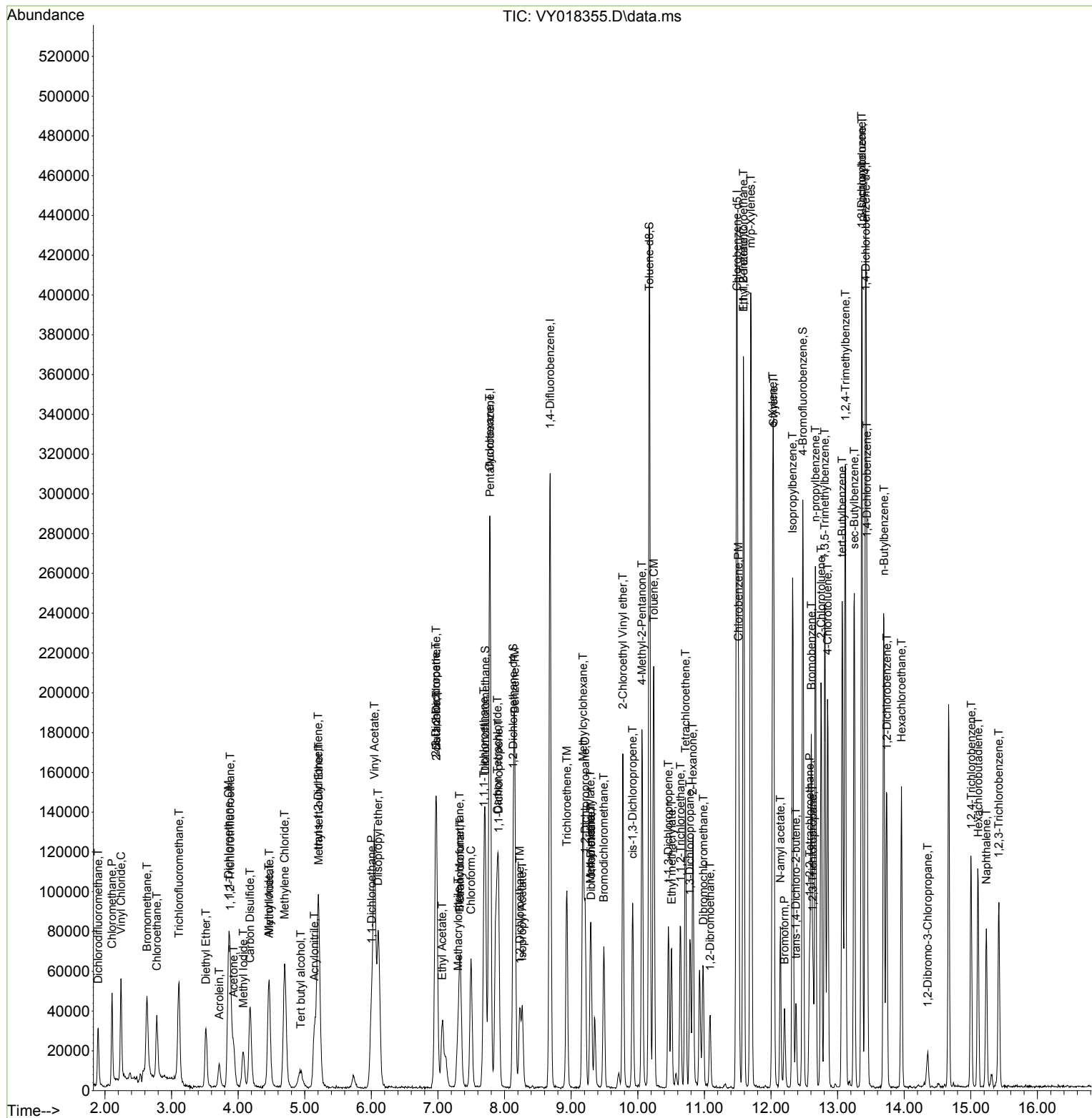
| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

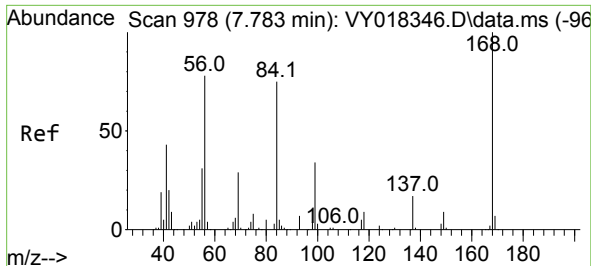
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Sample : VY0523SBS01  
Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
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Quant Title : SW846 8260  
QLast Update : Thu May 23 01:40:36 2024  
Response via : Initial Calibration

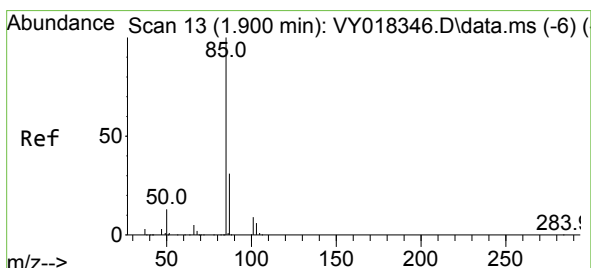
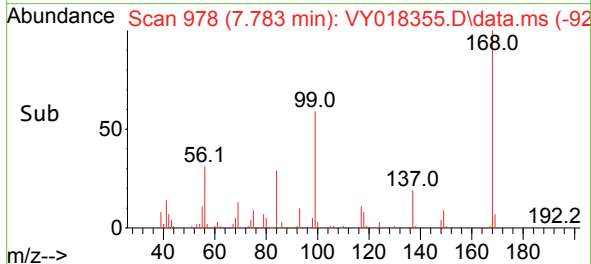
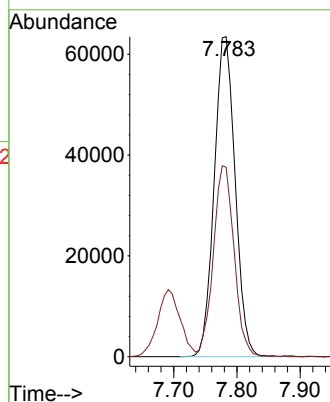
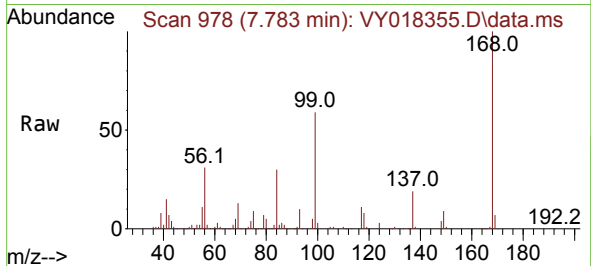




#1  
Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.783 min Scan# 91  
Delta R.T. -0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

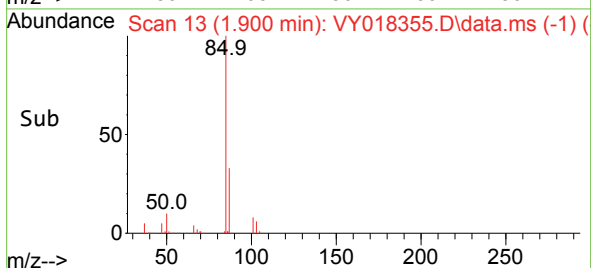
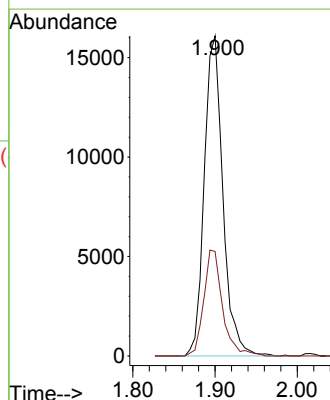
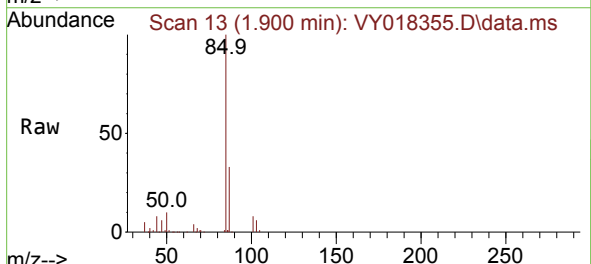
Instrument :  
MSVOA\_Y  
ClientSampleId :

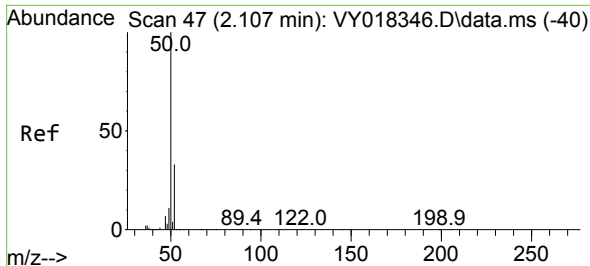
Tgt Ion:168 Resp: 145574  
Ion Ratio Lower Upper  
168 100  
99 59.2 39.1 58.7#



#2  
Dichlorodifluoromethane  
Concen: 20.378 ug/l  
RT: 1.900 min Scan# 13  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

Tgt Ion: 85 Resp: 25320  
Ion Ratio Lower Upper  
85 100  
87 32.6 16.0 48.0

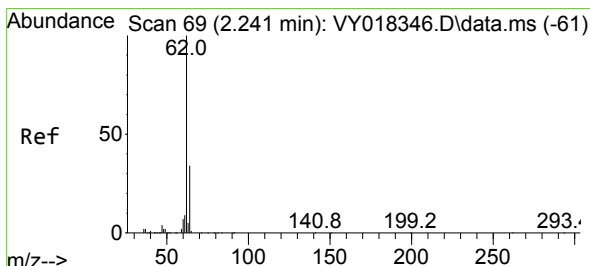
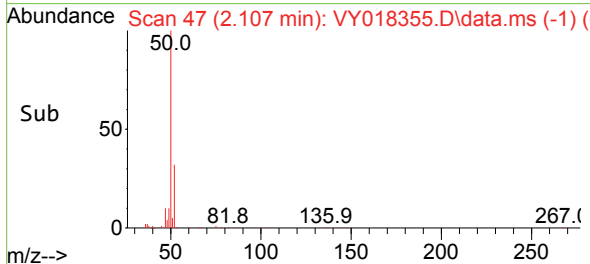
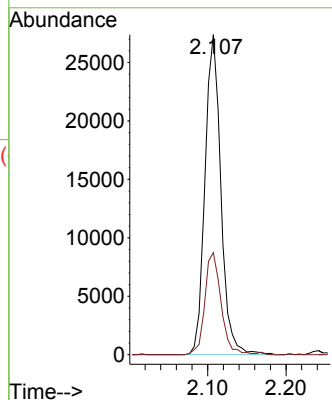
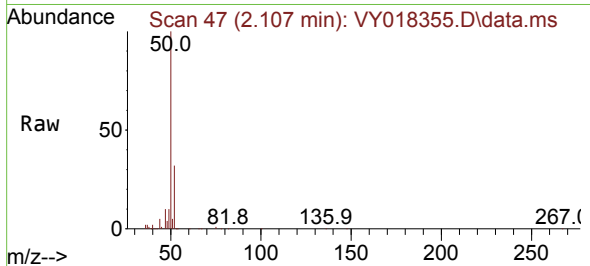




#3  
Chloromethane  
Concen: 19.085 ug/l  
RT: 2.107 min Scan# 41  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

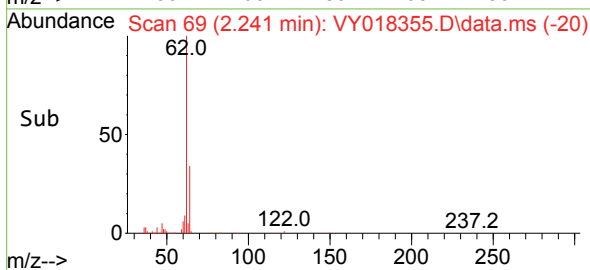
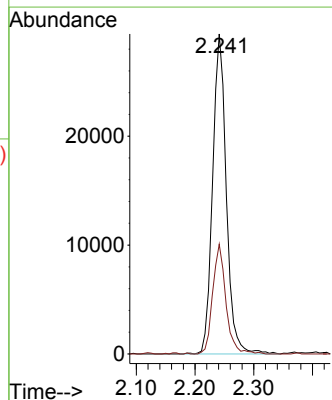
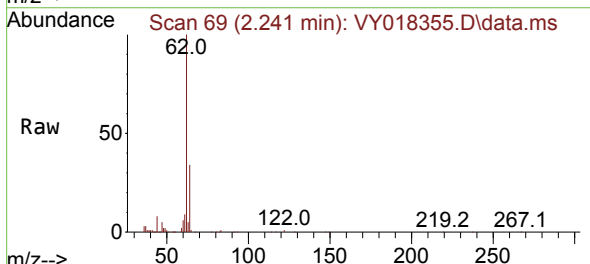
Instrument :  
MSVOA\_Y  
ClientSampleId :

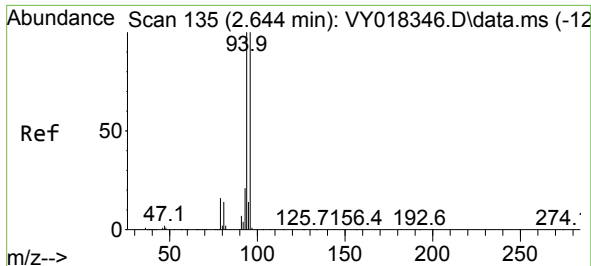
Tgt Ion: 50 Resp: 38537  
Ion Ratio Lower Upper  
50 100  
52 31.9 25.6 38.4



#4  
Vinyl Chloride  
Concen: 21.071 ug/l  
RT: 2.241 min Scan# 69  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

Tgt Ion: 62 Resp: 47596  
Ion Ratio Lower Upper  
62 100  
64 34.3 26.1 39.1

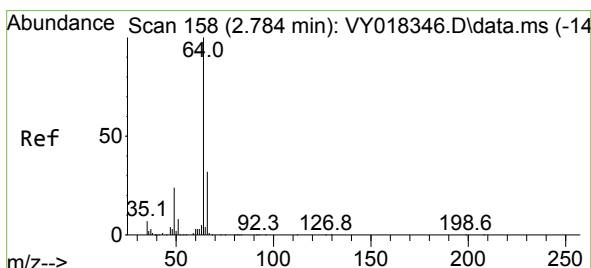
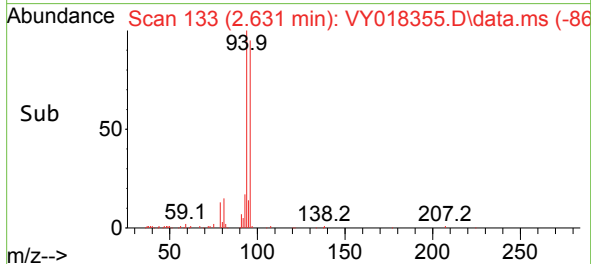
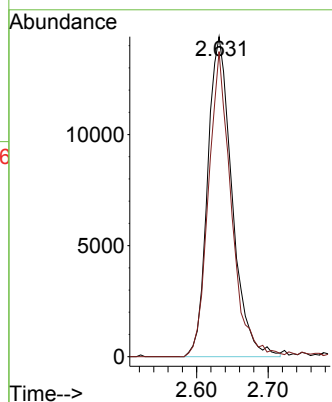
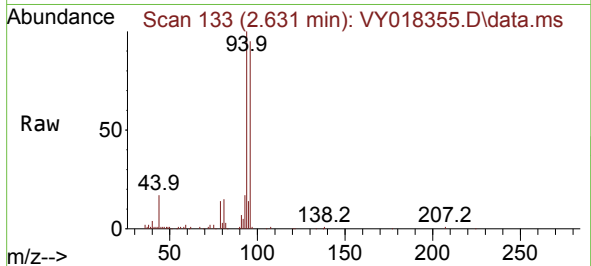




#5  
Bromomethane  
Concen: 21.137 ug/l  
RT: 2.631 min Scan# 11  
Delta R.T. -0.012 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

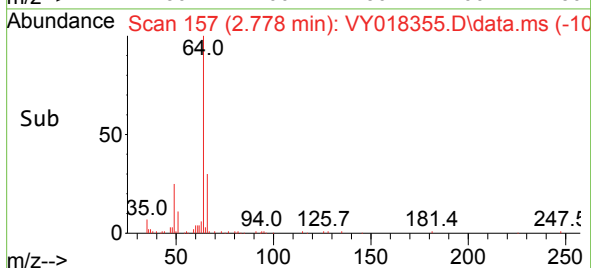
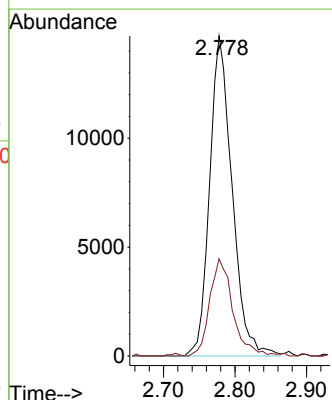
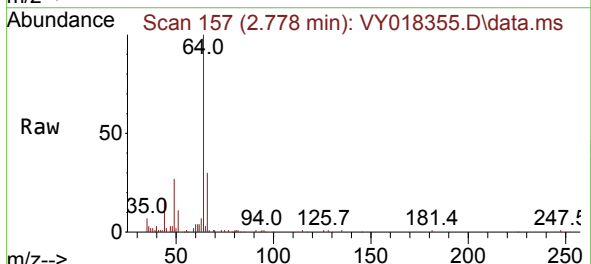
Instrument :  
MSVOA\_Y  
ClientSampleId :

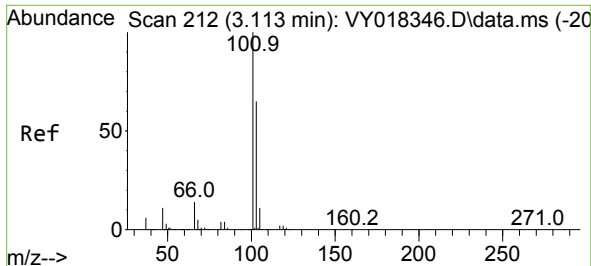
Tgt Ion: 94 Resp: 34137  
Ion Ratio Lower Upper  
94 100  
96 95.4 74.1 111.1



#6  
Chloroethane  
Concen: 21.852 ug/l  
RT: 2.778 min Scan# 157  
Delta R.T. -0.006 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

Tgt Ion: 64 Resp: 32042  
Ion Ratio Lower Upper  
64 100  
66 30.0 26.1 39.1

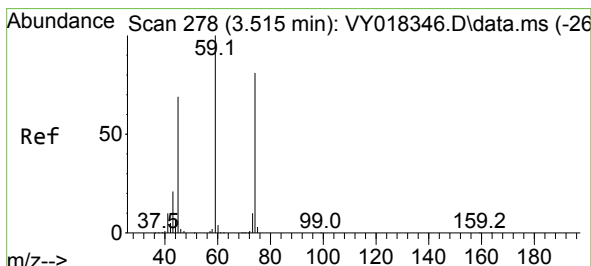
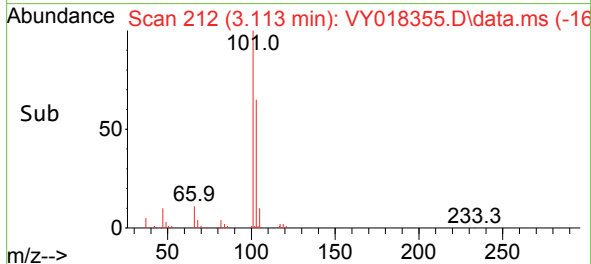
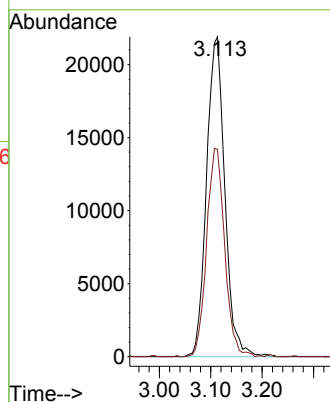
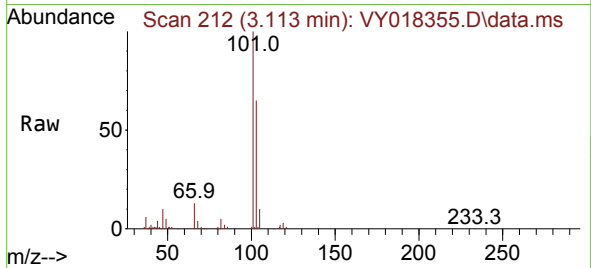




#7  
 Trichlorofluoromethane  
 Concen: 21.322 ug/l  
 RT: 3.113 min Scan# 212  
 Delta R.T. 0.000 min  
 Lab File: VY018355.D  
 Acq: 23 May 2024 11:50

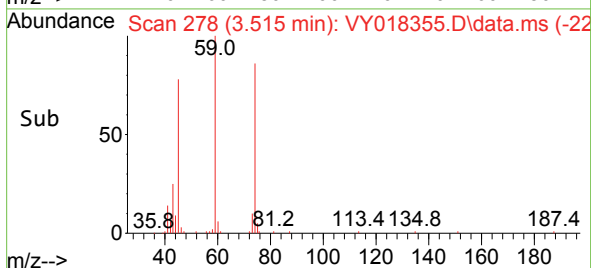
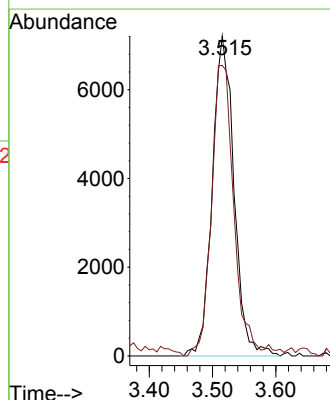
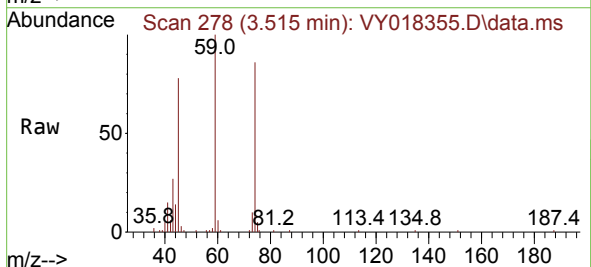
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion:101 Resp: 54051  
 Ion Ratio Lower Upper  
 101 100  
 103 64.8 49.3 73.9

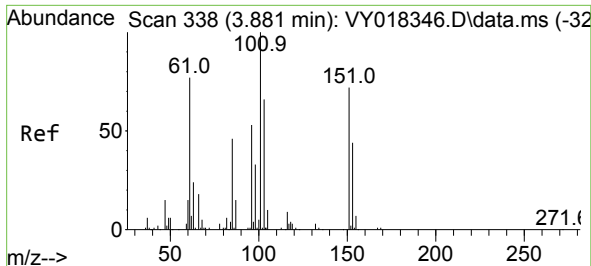


#8  
 Diethyl Ether  
 Concen: 21.265 ug/l  
 RT: 3.515 min Scan# 278  
 Delta R.T. 0.000 min  
 Lab File: VY018355.D  
 Acq: 23 May 2024 11:50

Tgt Ion: 74 Resp: 17213  
 Ion Ratio Lower Upper  
 74 100  
 45 92.5 41.3 124.1



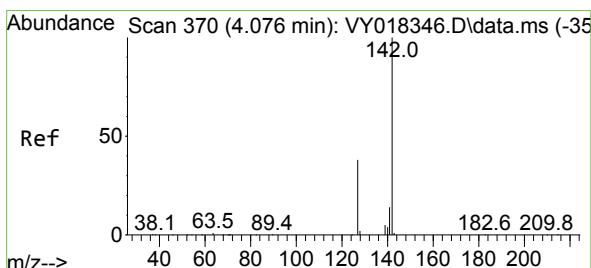
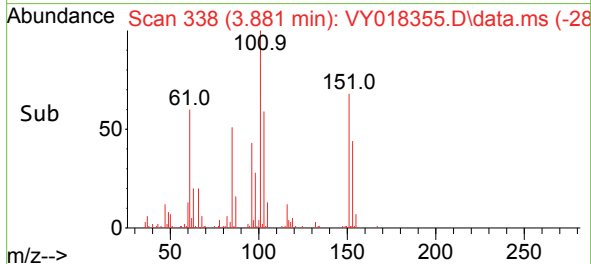
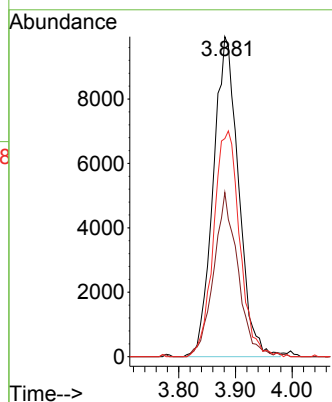
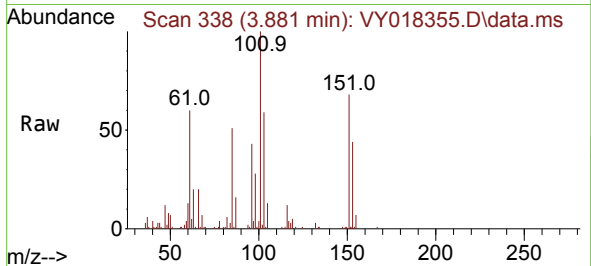




#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 19.726 ug/l  
RT: 3.881 min Scan# 338  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

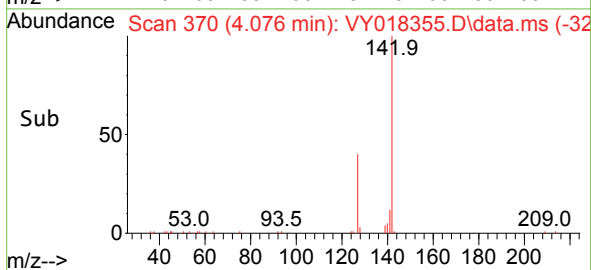
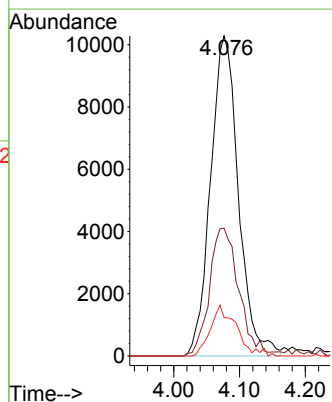
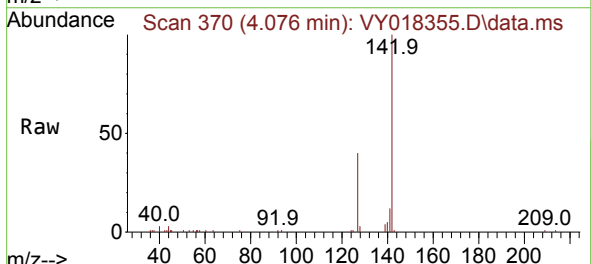
Instrument :  
MSVOA\_Y  
ClientSampleId :

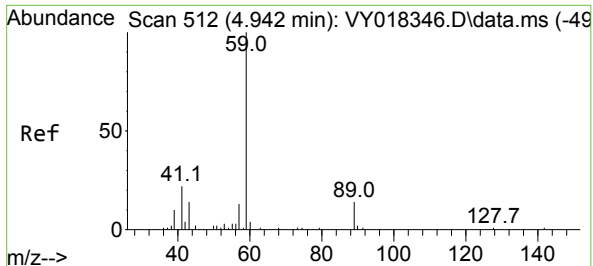
Tgt Ion:101 Resp: 30850  
Ion Ratio Lower Upper  
101 100  
85 48.8 34.5 51.7  
151 72.9 61.7 92.5



#10  
Methyl Iodide  
Concen: 19.282 ug/l  
RT: 4.076 min Scan# 370  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

Tgt Ion:142 Resp: 30327  
Ion Ratio Lower Upper  
142 100  
127 41.8 32.8 49.2  
141 14.0 11.4 17.2





#11

Tert butyl alcohol

Concen: 106.729 ug/l

RT: 4.942 min Scan# 512

Delta R.T. 0.000 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

Instrument :

MSVOA\_Y

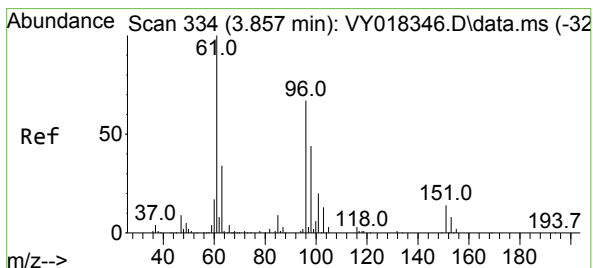
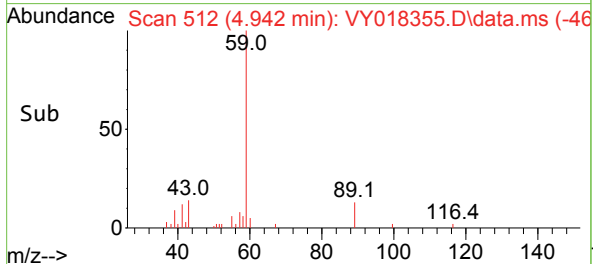
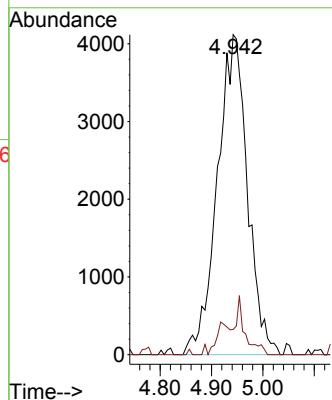
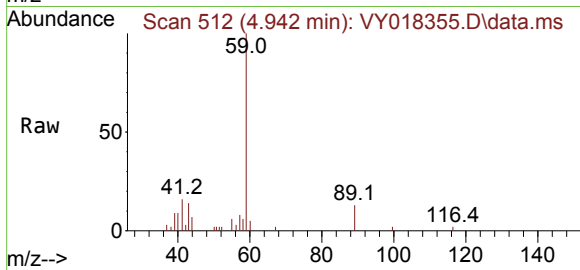
ClientSampleId :

Tgt Ion: 59 Resp: 16744

Ion Ratio Lower Upper

59 100

57 5.9 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 20.003 ug/l

RT: 3.857 min Scan# 334

Delta R.T. -0.000 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

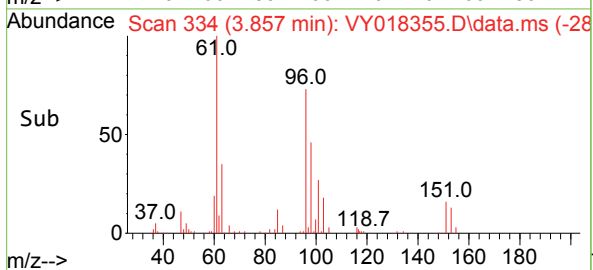
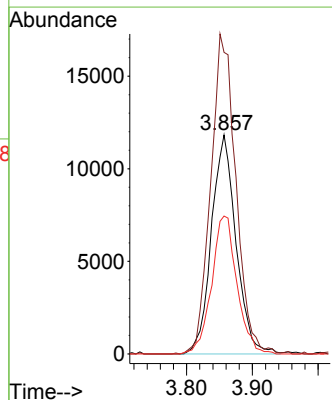
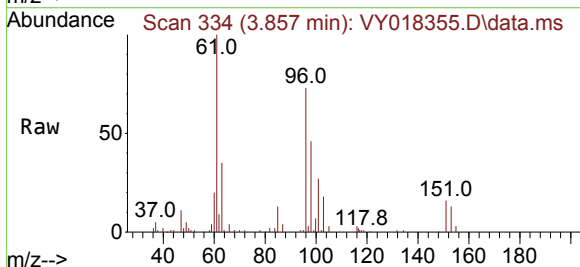
Tgt Ion: 96 Resp: 30810

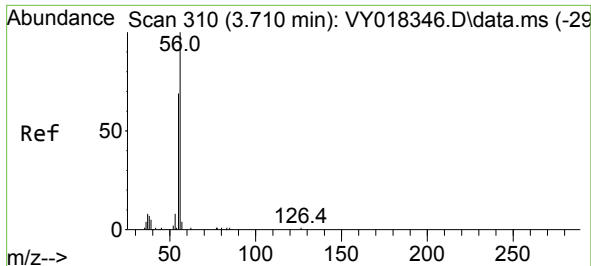
Ion Ratio Lower Upper

96 100

61 137.7 114.6 171.8

98 62.9 50.8 76.2





#13

Acrolein

Concen: 112.801 ug/l

RT: 3.717 min Scan# 311

Delta R.T. 0.007 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

Instrument :

MSVOA\_Y

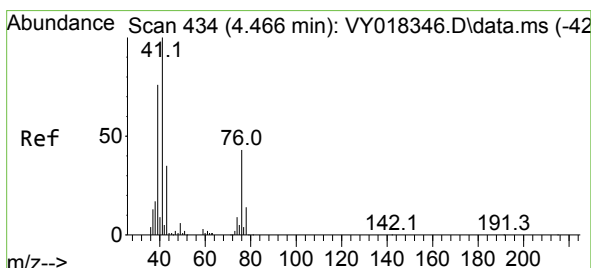
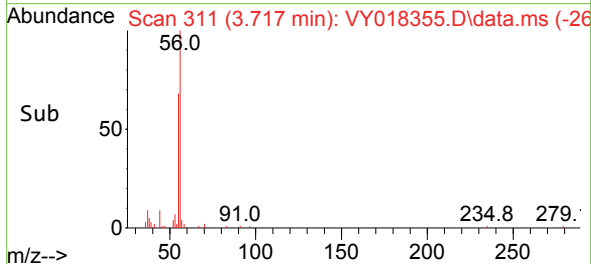
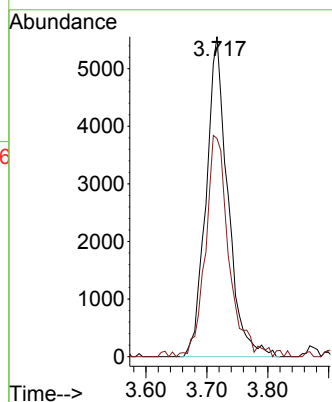
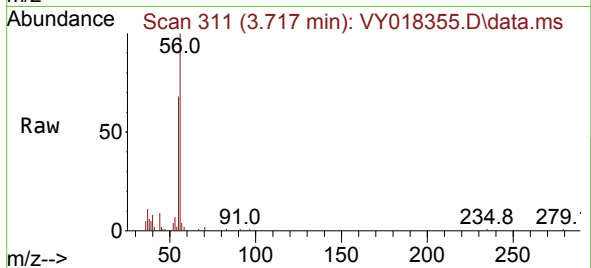
ClientSampleId :

Tgt Ion: 56 Resp: 13793

Ion Ratio Lower Upper

56 100

55 74.1 55.7 83.5



#14

Allyl chloride

Concen: 21.661 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.006 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

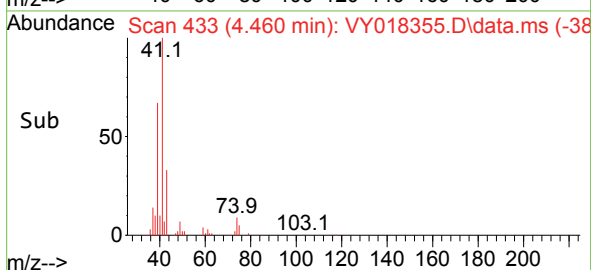
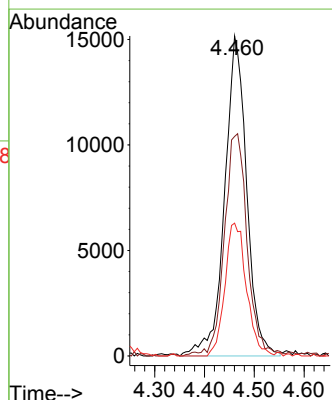
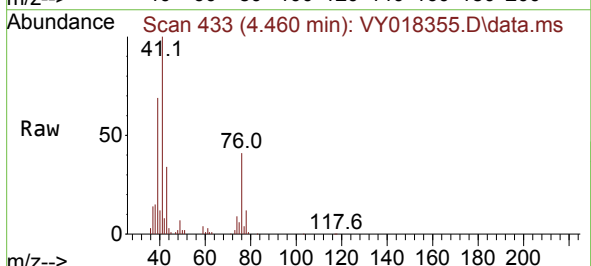
Tgt Ion: 41 Resp: 46598

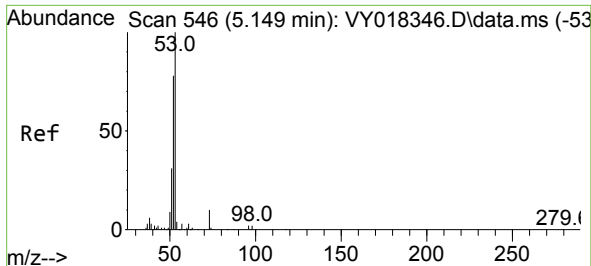
Ion Ratio Lower Upper

41 100

39 72.0 58.3 87.5

76 40.4 39.0 58.6

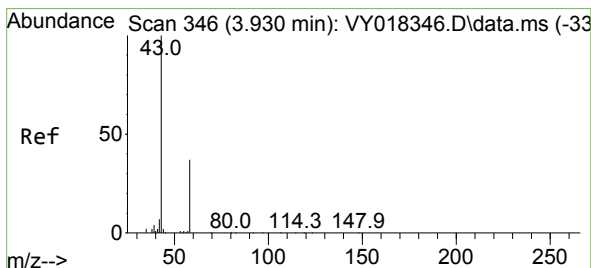
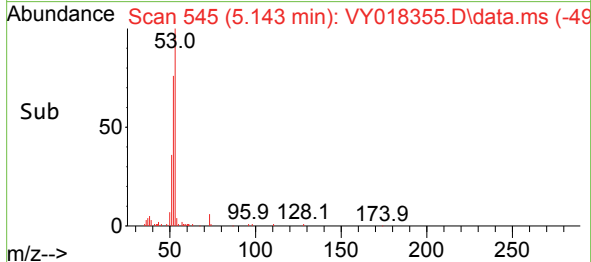
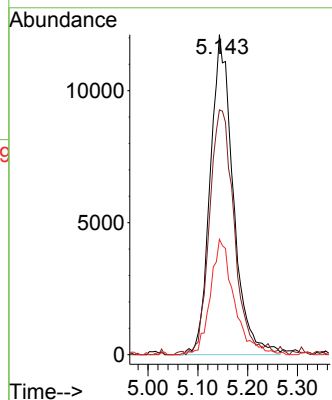
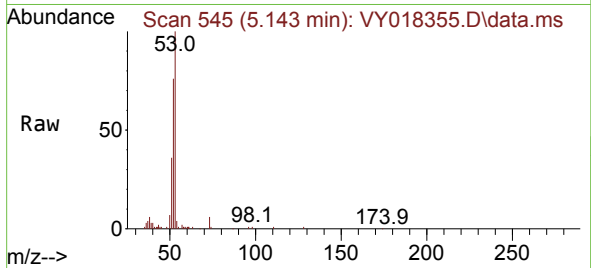




#15  
Acrylonitrile  
Concen: 111.000 ug/l  
RT: 5.143 min Scan# 546  
Delta R.T. -0.006 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

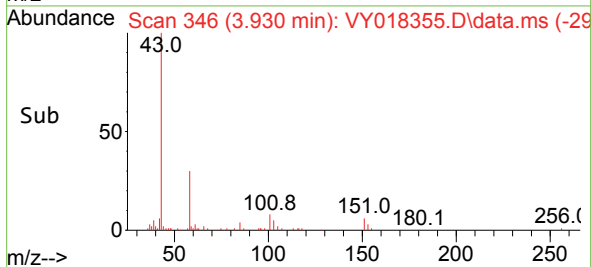
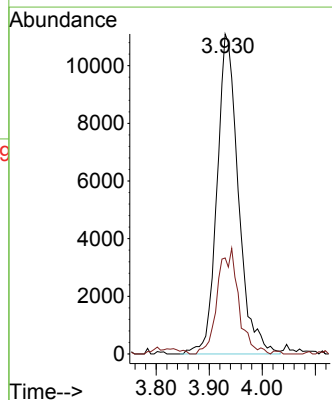
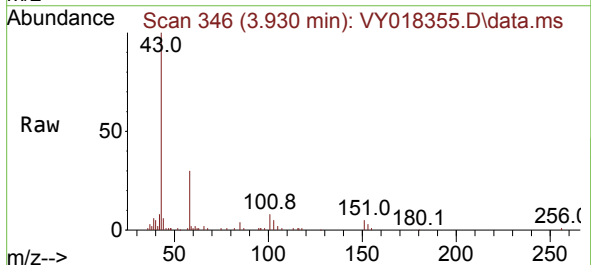
Instrument :  
MSVOA\_Y  
ClientSampleId :

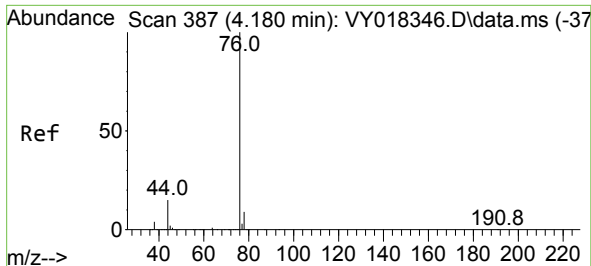
Tgt Ion: 53 Resp: 38862  
Ion Ratio Lower Upper  
53 100  
52 81.0 64.7 97.1  
51 37.4 28.4 42.6



#16  
Acetone  
Concen: 109.551 ug/l  
RT: 3.930 min Scan# 346  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

Tgt Ion: 43 Resp: 31076  
Ion Ratio Lower Upper  
43 100  
58 29.2 31.7 47.5#

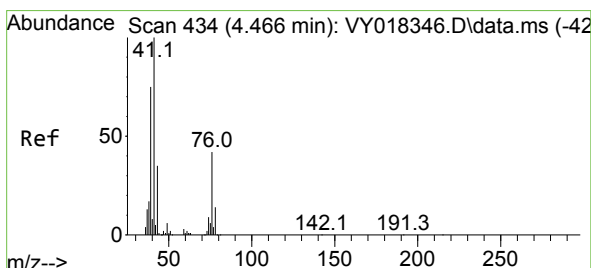
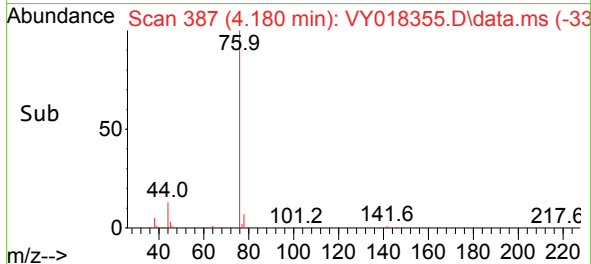
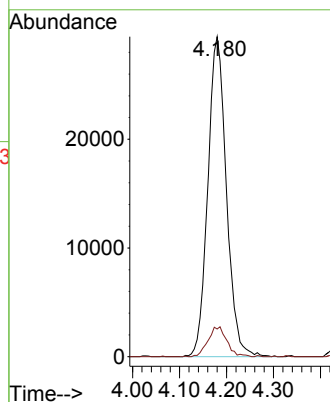
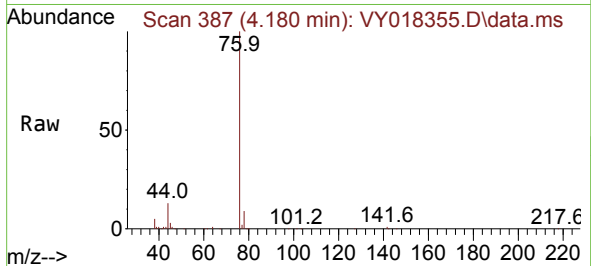




#17  
Carbon Disulfide  
Concen: 18.753 ug/l  
RT: 4.180 min Scan# 387  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

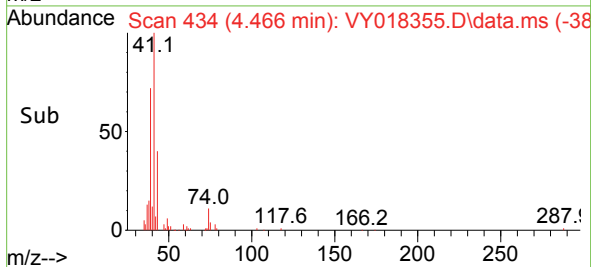
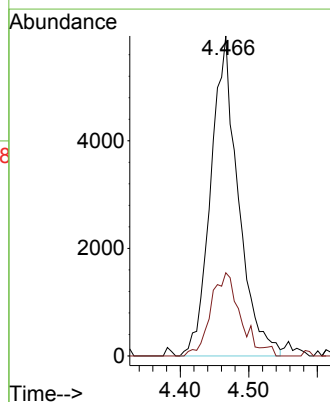
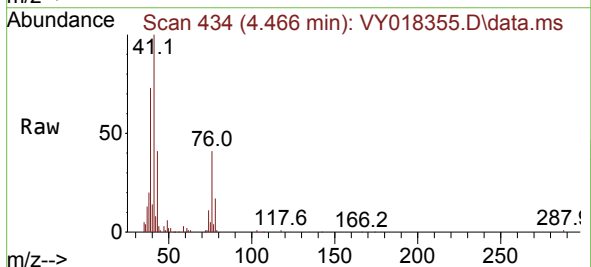
Instrument :  
MSVOA\_Y  
ClientSampleId :

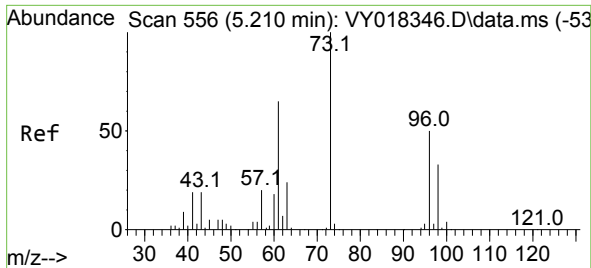
Tgt Ion: 76 Resp: 80662  
Ion Ratio Lower Upper  
76 100  
78 8.6 6.8 10.2



#18  
Methyl Acetate  
Concen: 22.036 ug/l  
RT: 4.466 min Scan# 434  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

Tgt Ion: 43 Resp: 16568  
Ion Ratio Lower Upper  
43 100  
74 27.1 23.3 34.9

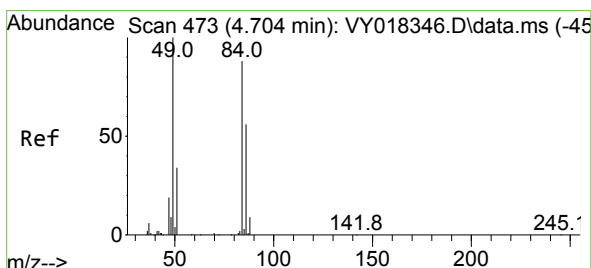
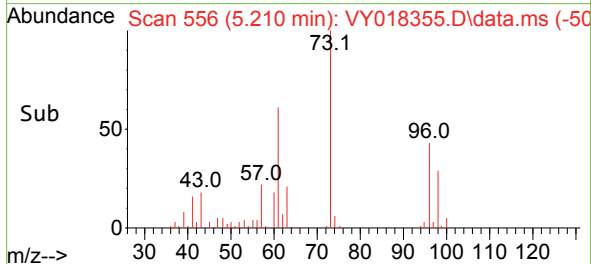
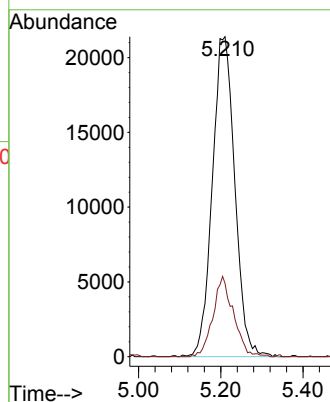
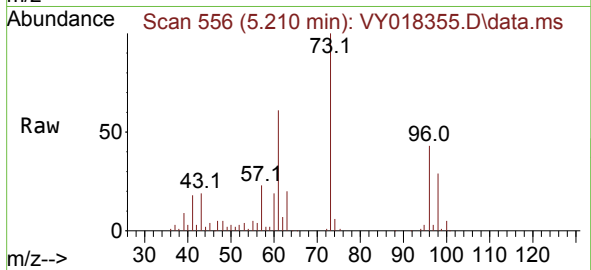




#19  
Methyl tert-butyl Ether  
Concen: 21.974 ug/l  
RT: 5.210 min Scan# 51  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

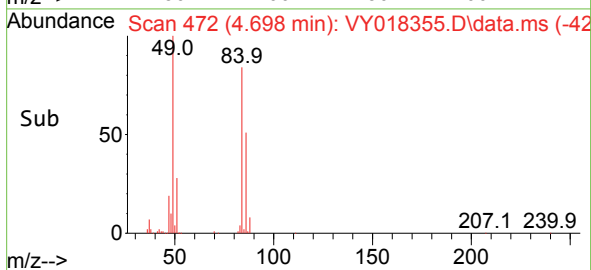
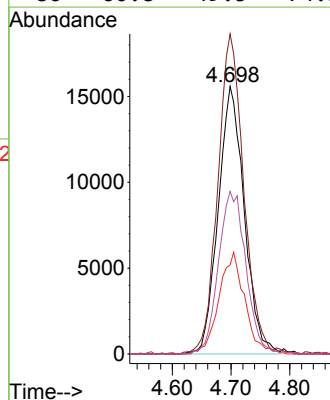
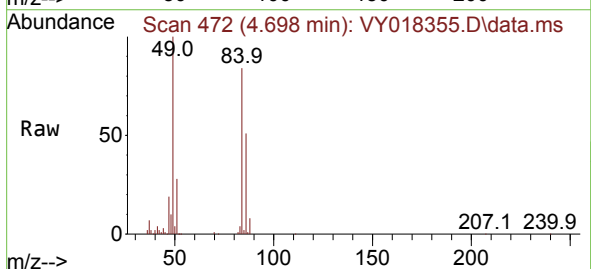
Instrument :  
MSVOA\_Y  
ClientSampleId :

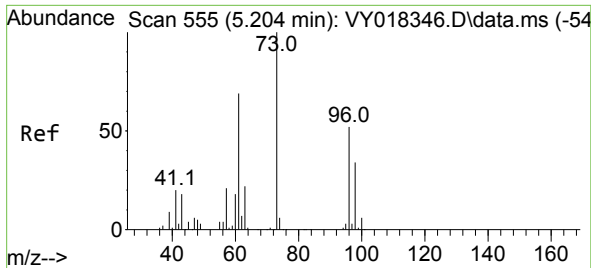
Tgt Ion: 73 Resp: 81157  
Ion Ratio Lower Upper  
73 100  
57 22.9 17.3 25.9



#20  
Methylene Chloride  
Concen: 27.170 ug/l  
RT: 4.698 min Scan# 472  
Delta R.T. -0.006 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

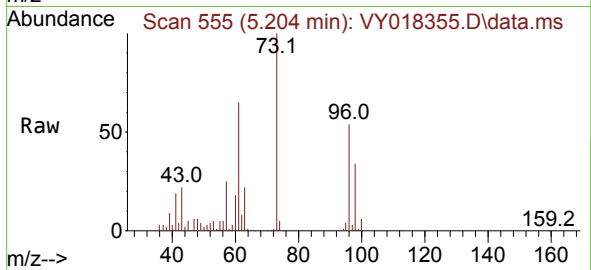
Tgt Ion: 84 Resp: 47987  
Ion Ratio Lower Upper  
84 100  
49 119.6 84.4 126.6  
51 33.3 26.0 39.0  
86 60.8 49.5 74.3



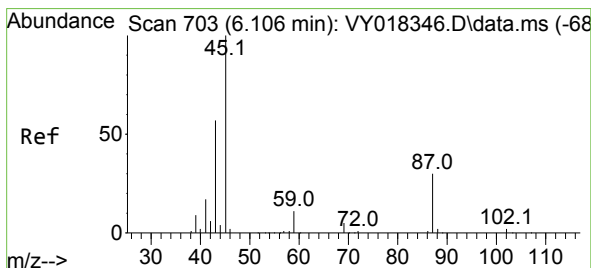
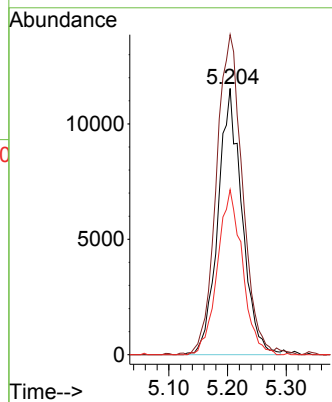
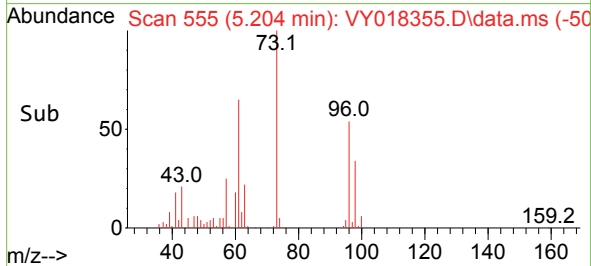


#21  
trans-1,2-Dichloroethene  
Concen: 20.148 ug/l  
RT: 5.204 min Scan# 511  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

Instrument :  
MSVOA\_Y  
ClientSampleId :

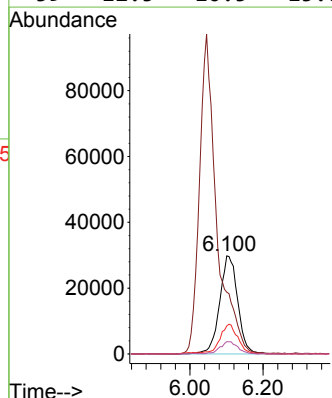
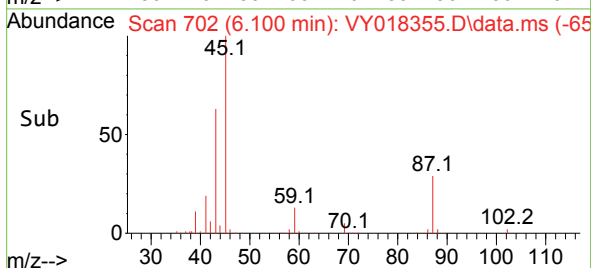
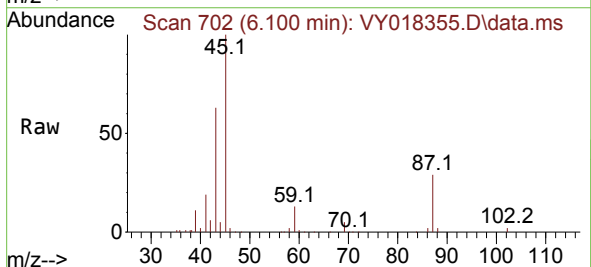


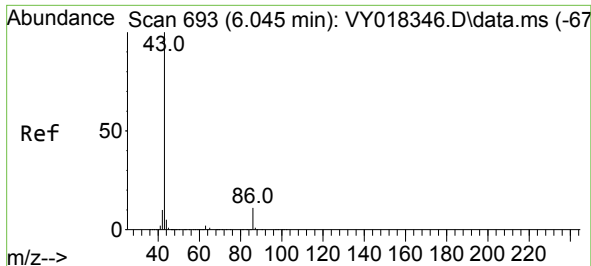
Tgt Ion: 96 Resp: 32739  
Ion Ratio Lower Upper  
96 100  
61 119.1 97.5 146.3  
98 62.0 50.5 75.7



#22  
Diisopropyl ether  
Concen: 22.910 ug/l  
RT: 6.100 min Scan# 702  
Delta R.T. -0.006 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

Tgt Ion: 45 Resp: 102417  
Ion Ratio Lower Upper  
45 100  
43 62.9 42.2 63.2  
87 28.6 25.0 37.6  
59 12.5 10.5 15.7

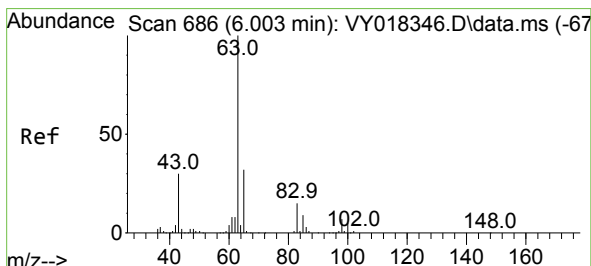
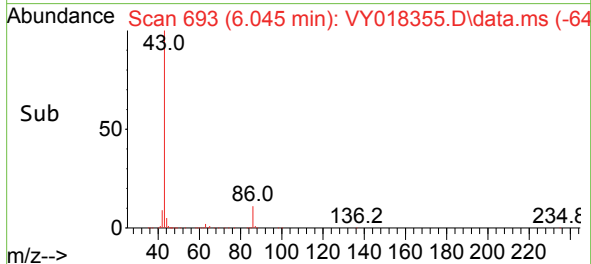
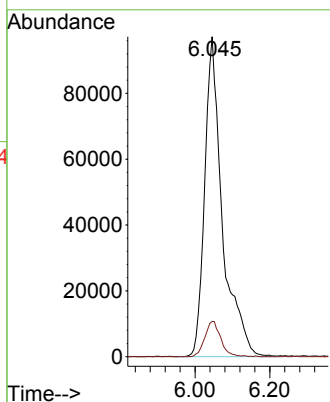
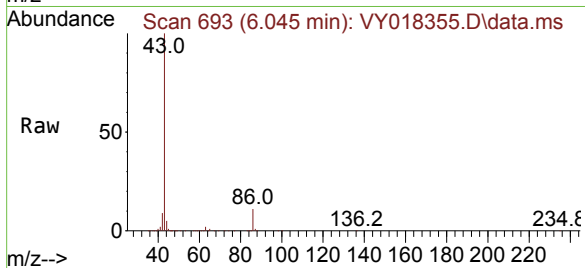




#23  
 Vinyl Acetate  
 Concen: 111.717 ug/l  
 RT: 6.045 min Scan# 693  
 Delta R.T. 0.000 min  
 Lab File: VY018355.D  
 Acq: 23 May 2024 11:50

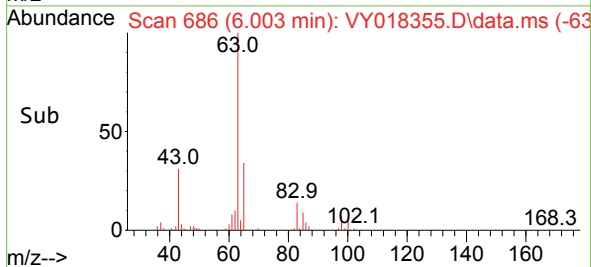
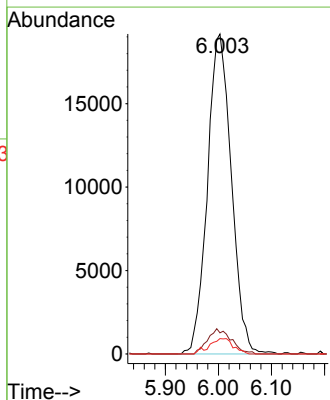
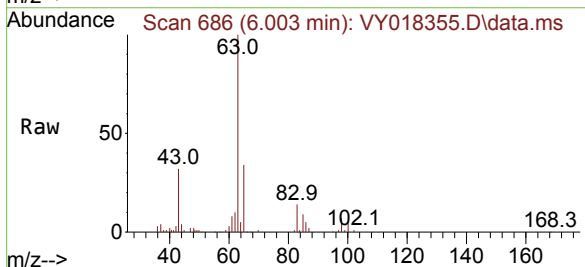
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

Tgt Ion: 43 Resp: 319789  
 Ion Ratio Lower Upper  
 43 100  
 86 11.0 10.6 16.0

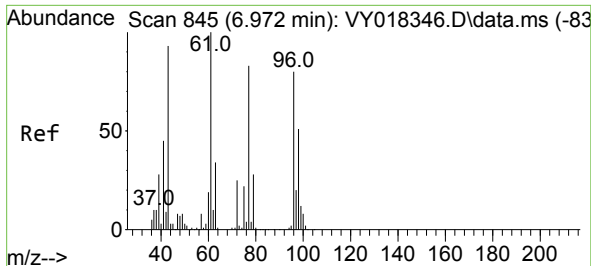


#24  
 1,1-Dichloroethane  
 Concen: 21.911 ug/l  
 RT: 6.003 min Scan# 686  
 Delta R.T. 0.000 min  
 Lab File: VY018355.D  
 Acq: 23 May 2024 11:50

Tgt Ion: 63 Resp: 60071  
 Ion Ratio Lower Upper  
 63 100  
 98 6.6 4.0 12.2  
 100 4.8 2.6 8.0







#25

2-Butanone

Concen: 111.596 ug/l

RT: 6.978 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

Instrument :

MSVOA\_Y

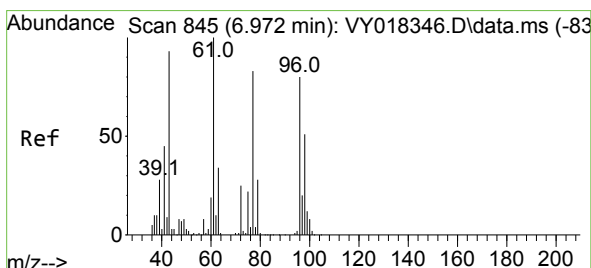
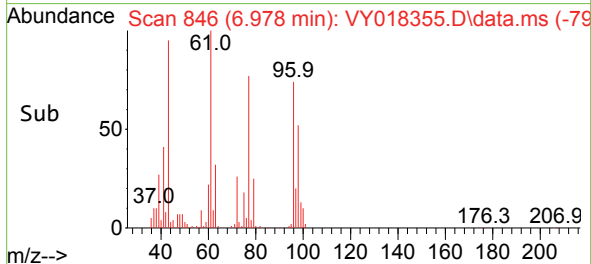
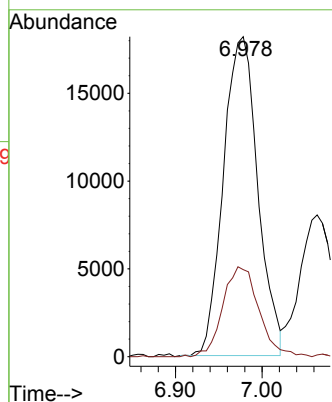
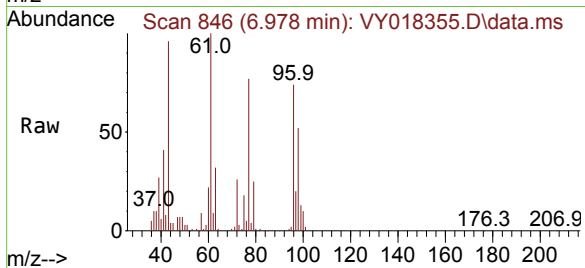
ClientSampleId :

Tgt Ion: 43 Resp: 50165

Ion Ratio Lower Upper

43 100

72 27.3 27.3 40.9



#26

2,2-Dichloropropane

Concen: 21.210 ug/l

RT: 6.966 min Scan# 844

Delta R.T. -0.006 min

Lab File: VY018355.D

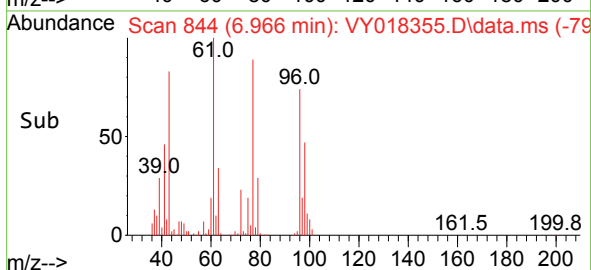
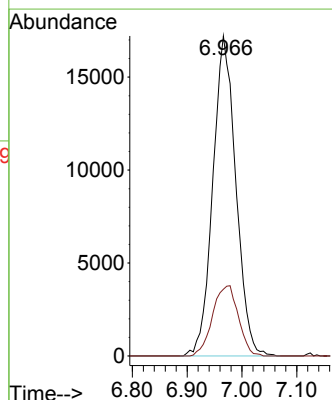
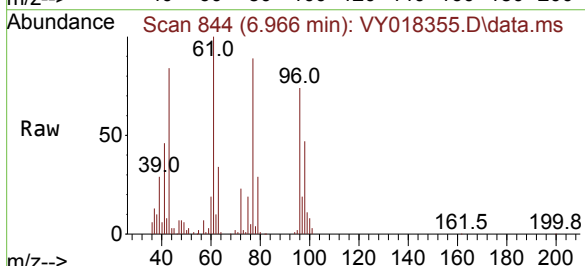
Acq: 23 May 2024 11:50

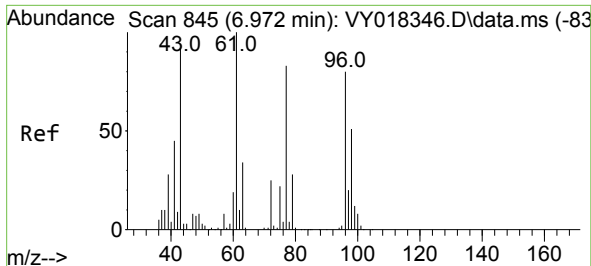
Tgt Ion: 77 Resp: 50267

Ion Ratio Lower Upper

77 100

97 24.5 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 20.892 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

Instrument :

MSVOA\_Y

ClientSampleId :

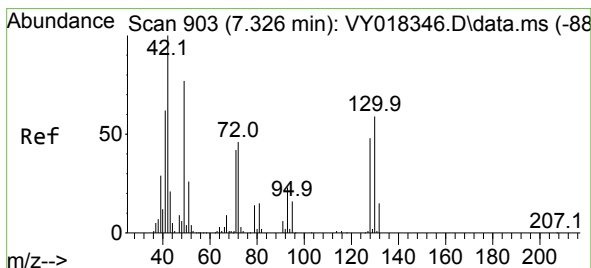
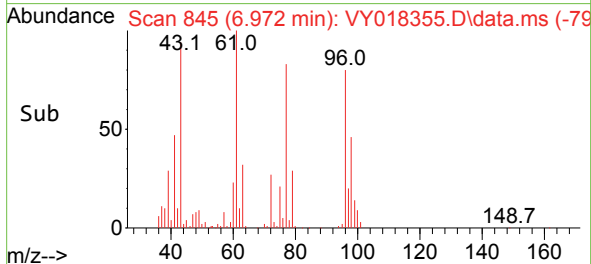
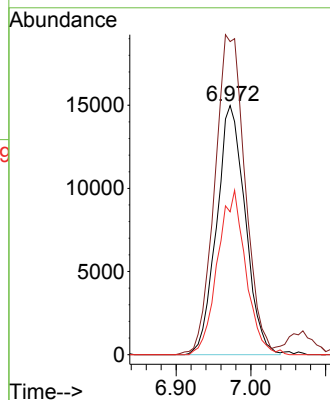
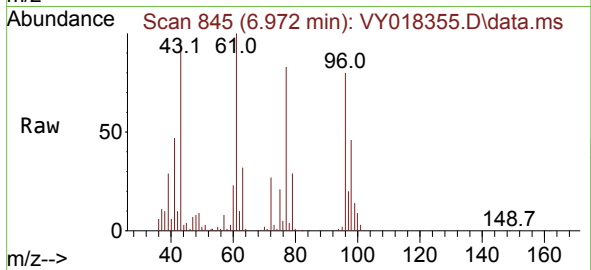
Tgt Ion: 96 Resp: 39891

Ion Ratio Lower Upper

96 100

61 136.3 0.0 256.2

98 64.9 0.0 130.0



#28

Bromochloromethane

Concen: 19.580 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

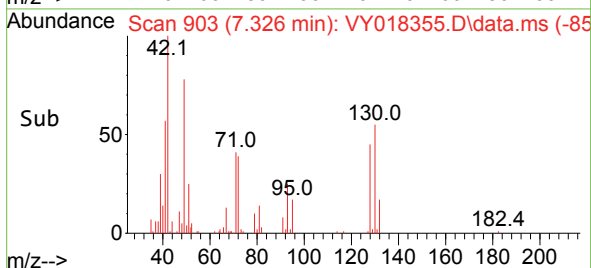
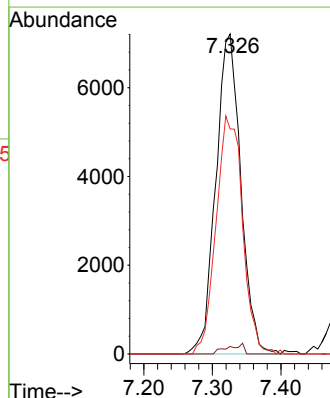
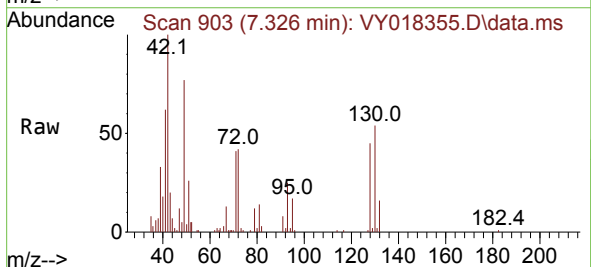
Tgt Ion: 49 Resp: 18232

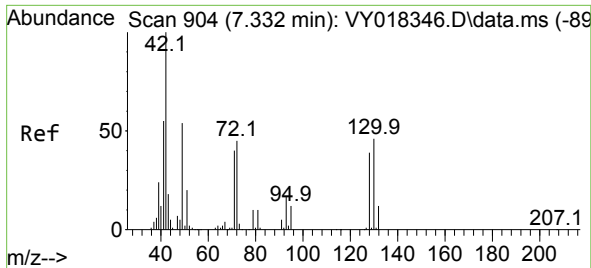
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

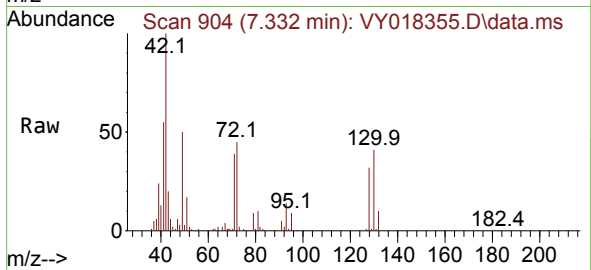
130 78.7 72.7 109.1



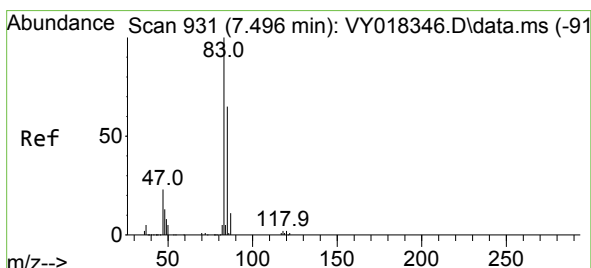
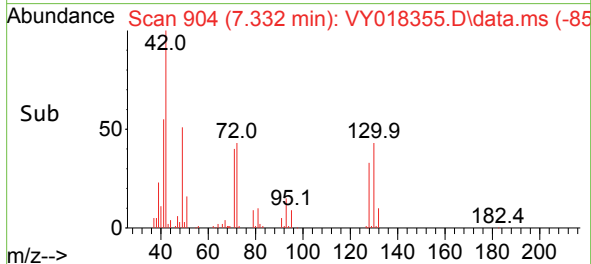
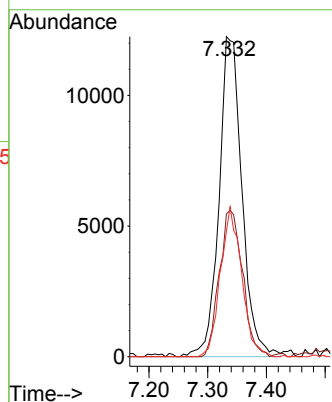


#29  
Tetrahydrofuran  
Concen: 112.350 ug/l  
RT: 7.332 min Scan# 904  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

Instrument :  
MSVOA\_Y  
ClientSampleId :

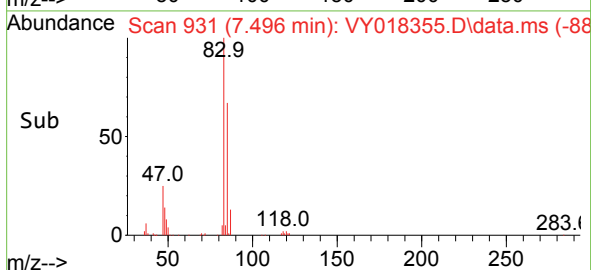
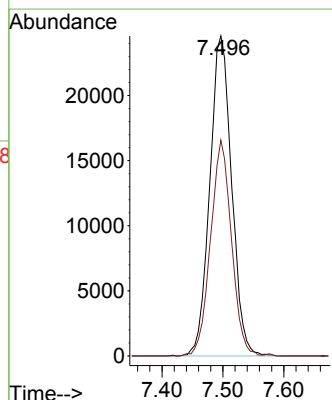
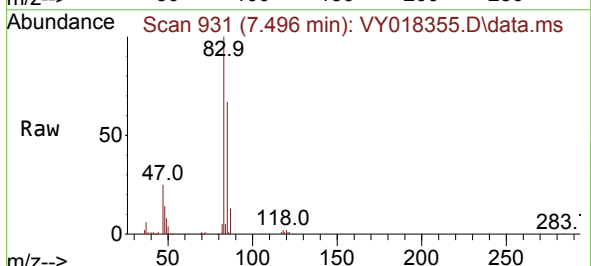


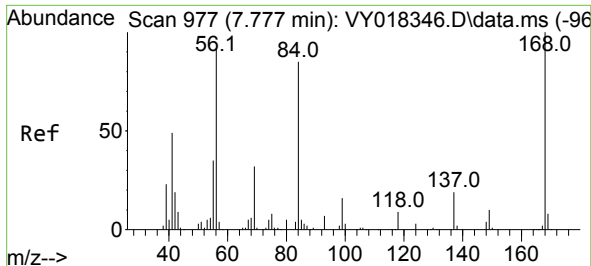
Tgt Ion: 42 Resp: 33242  
Ion Ratio Lower Upper  
42 100  
72 46.4 43.0 64.4  
71 43.2 40.8 61.2



#30  
Chloroform  
Concen: 21.907 ug/l  
RT: 7.496 min Scan# 931  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

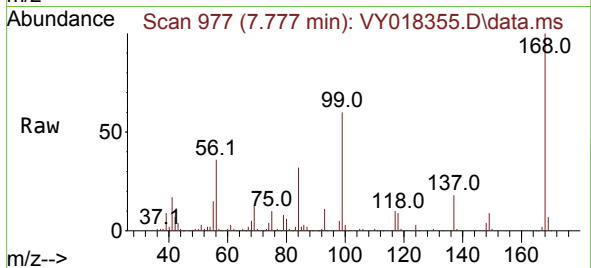
Tgt Ion: 83 Resp: 61216  
Ion Ratio Lower Upper  
83 100  
85 67.4 52.2 78.4



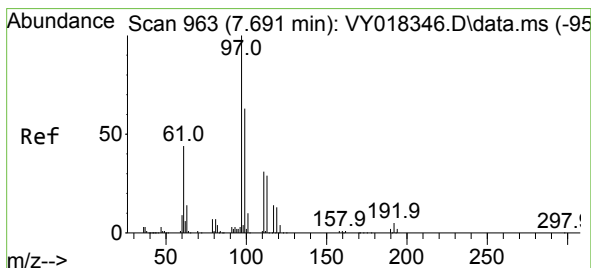
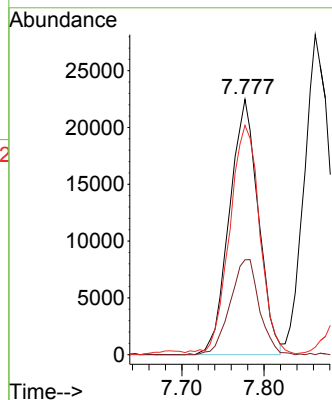
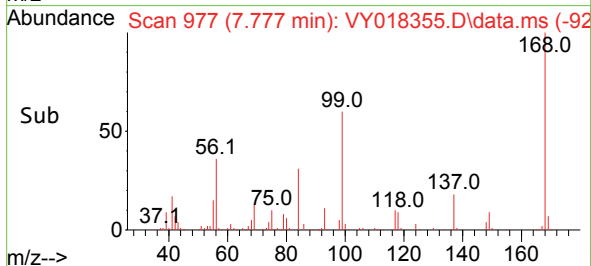


#31  
Cyclohexane  
Concen: 21.264 ug/l  
RT: 7.777 min Scan# 911  
Delta R.T. -0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

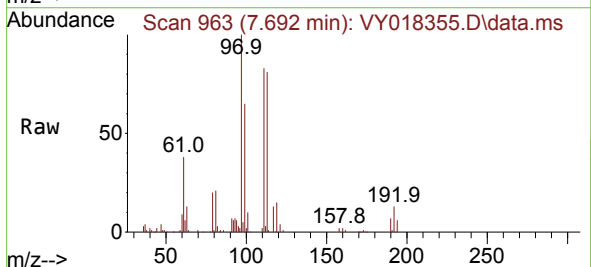
Instrument :  
MSVOA\_Y  
ClientSampleId :



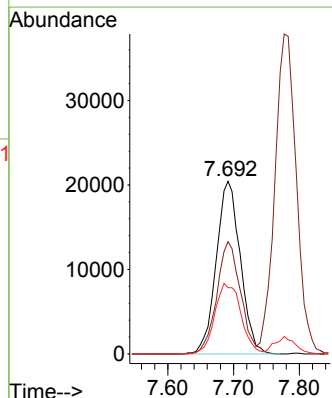
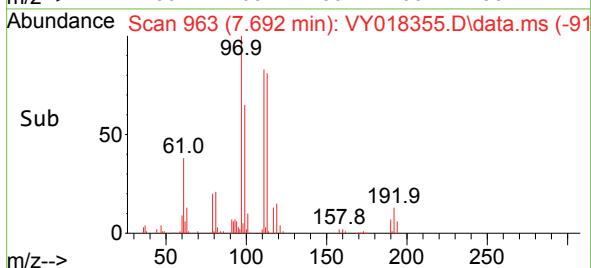
Tgt Ion: 56 Resp: 55150  
Ion Ratio Lower Upper  
56 100  
69 37.1 28.7 43.1  
84 88.4 77.7 116.5

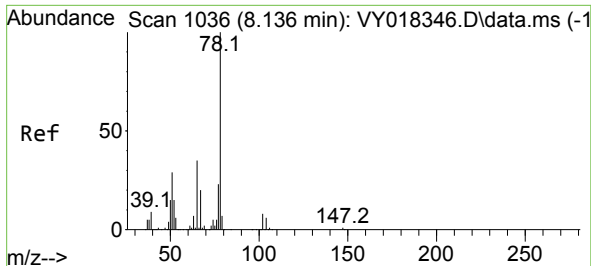


#32  
1,1,1-Trichloroethane  
Concen: 21.254 ug/l  
RT: 7.692 min Scan# 963  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50



Tgt Ion: 97 Resp: 52130  
Ion Ratio Lower Upper  
97 100  
99 63.6 50.3 75.5  
61 44.3 32.6 48.8

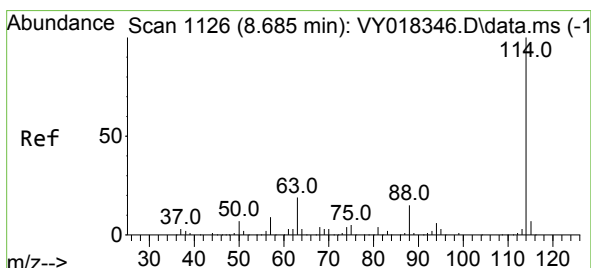
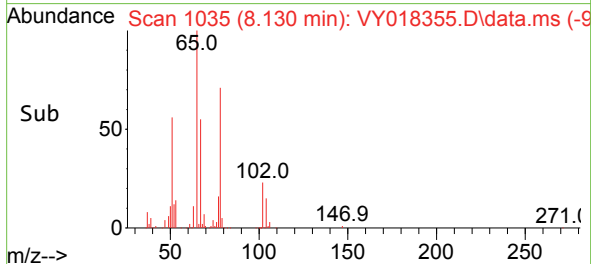
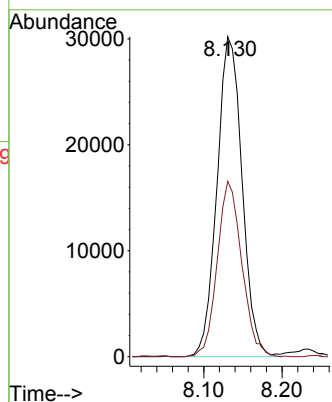
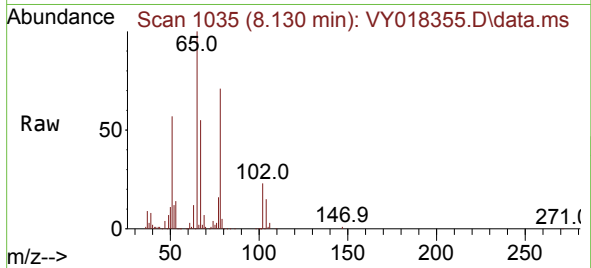




#33  
1,2-Dichloroethane-d4  
Concen: 48.771 ug/l  
RT: 8.130 min Scan# 1036  
Delta R.T. -0.006 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

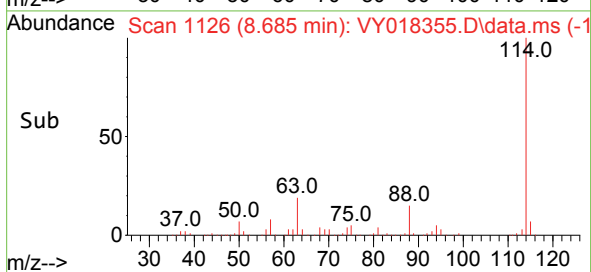
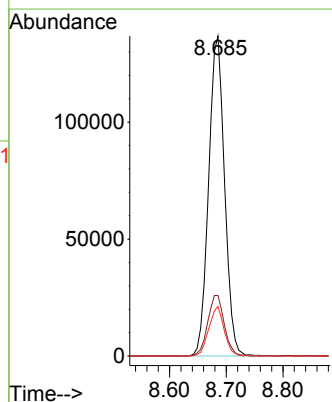
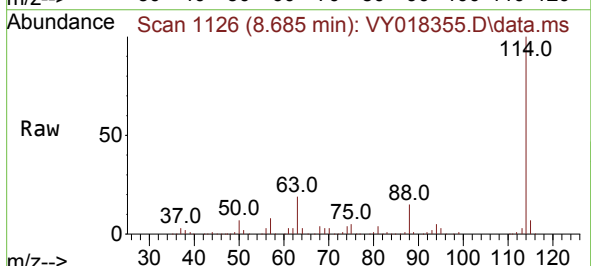
Instrument :  
MSVOA\_Y  
ClientSampleId :

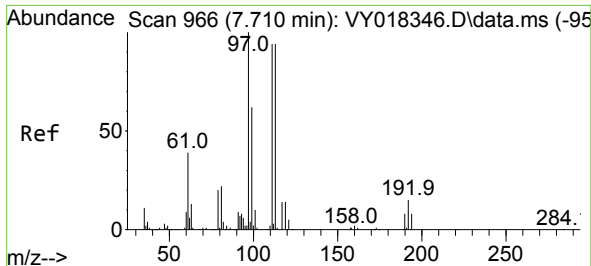
Tgt Ion: 65 Resp: 67264  
Ion Ratio Lower Upper  
65 100  
67 53.7 0.0 109.6



#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 8.685 min Scan# 1126  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

Tgt Ion:114 Resp: 267022  
Ion Ratio Lower Upper  
114 100  
63 18.9 0.0 35.0  
88 15.5 0.0 27.2

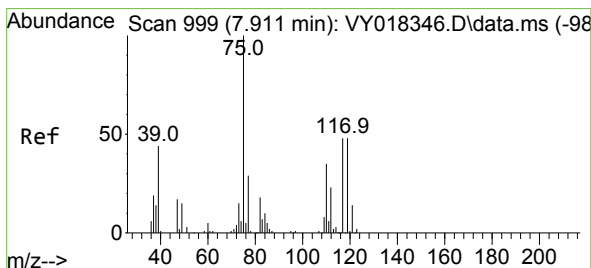
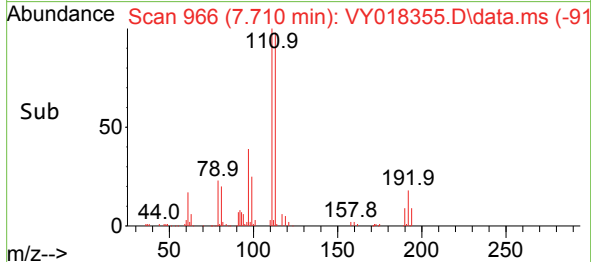
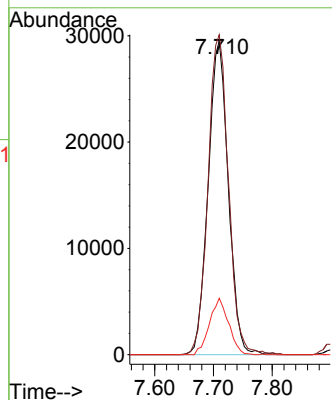
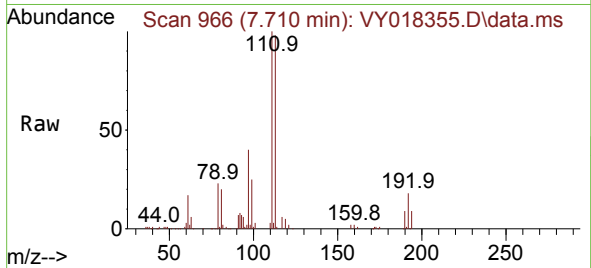




#35  
Dibromofluoromethane  
Concen: 45.138 ug/l  
RT: 7.710 min Scan# 966  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

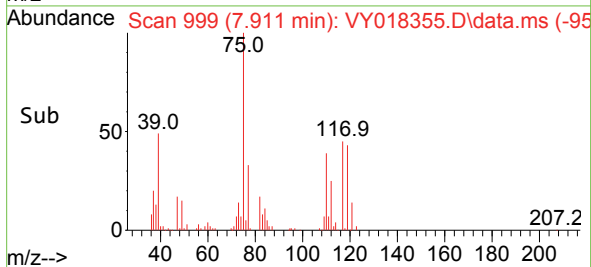
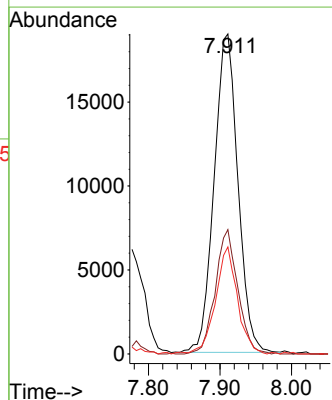
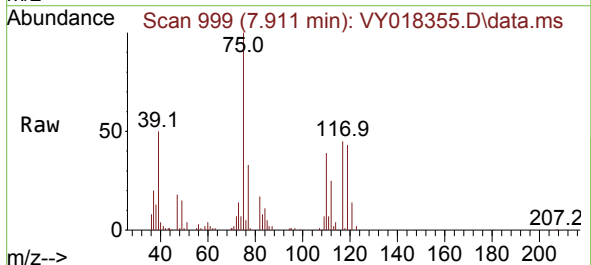
Instrument :  
MSVOA\_Y  
ClientSampleId :

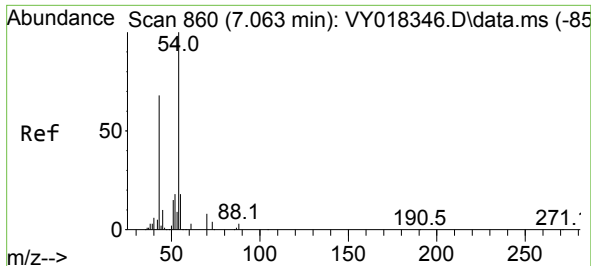
Tgt Ion:113 Resp: 70286  
Ion Ratio Lower Upper  
113 100  
111 103.3 82.2 123.4  
192 17.1 15.9 23.9



#36  
1,1-Dichloropropene  
Concen: 19.393 ug/l  
RT: 7.911 min Scan# 999  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

Tgt Ion: 75 Resp: 43794  
Ion Ratio Lower Upper  
75 100  
110 37.1 19.0 57.0  
77 31.2 25.3 37.9





#37

Ethyl Acetate

Concen: 20.665 ug/l

RT: 7.064 min Scan# 8

Delta R.T. 0.000 min

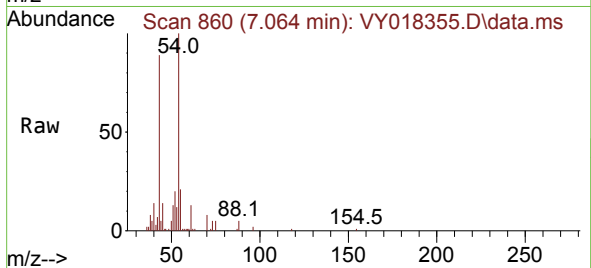
Lab File: VY018355.D

Acq: 23 May 2024 11:50

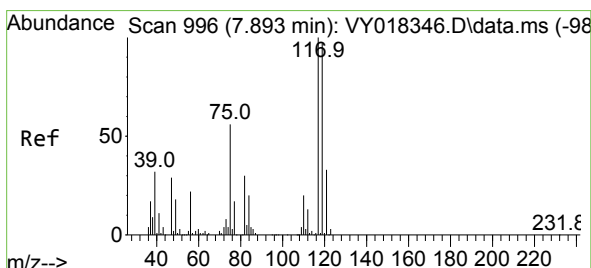
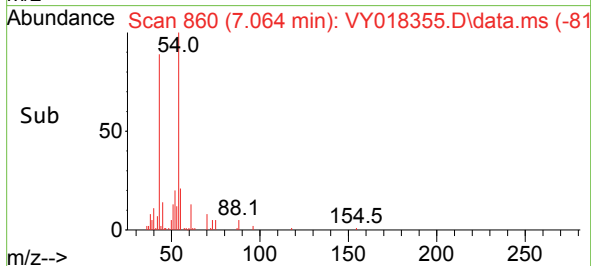
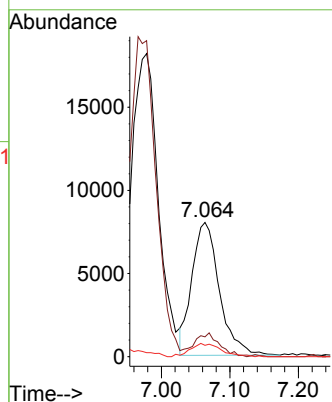
Instrument :

MSVOA\_Y

ClientSampleId :



|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 22324 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 15.9  | 12.6  | 19.0  |
| 70       | 11.2  | 7.8   | 11.8  |



#38

Carbon Tetrachloride

Concen: 18.926 ug/l

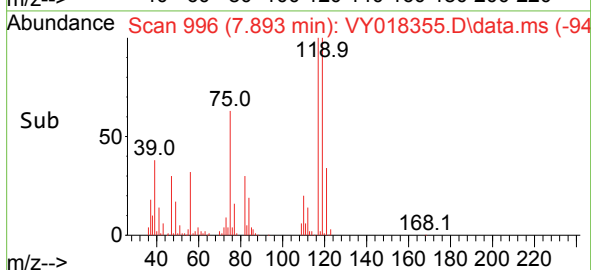
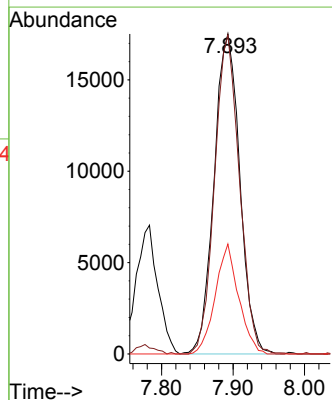
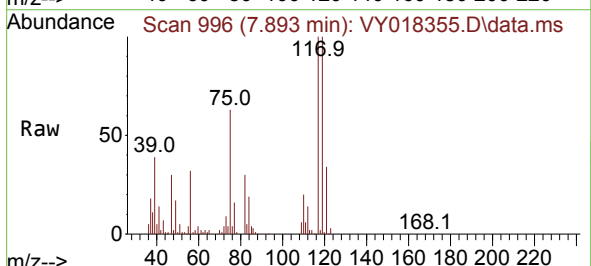
RT: 7.893 min Scan# 996

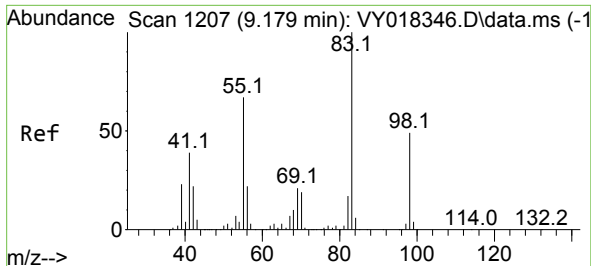
Delta R.T. 0.000 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 43774 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 99.7  | 75.8  | 113.6 |
| 121      | 34.4  | 24.0  | 36.0  |





#39

Methylcyclohexane

Concen: 18.838 ug/l

RT: 9.179 min Scan# 1207

Delta R.T. 0.000 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

Instrument :

MSVOA\_Y

ClientSampleId :

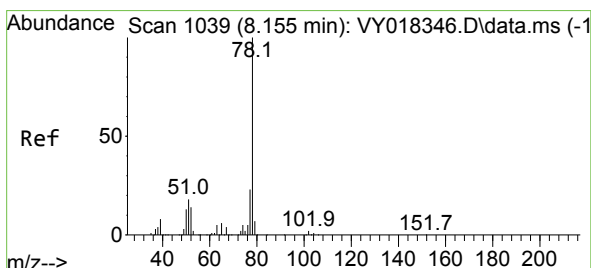
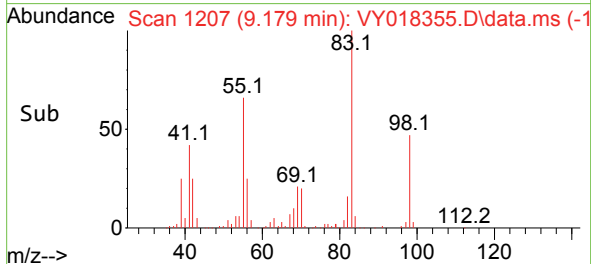
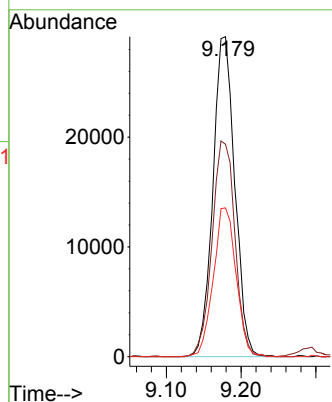
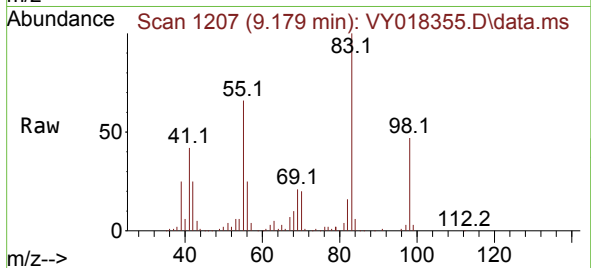
Tgt Ion: 83 Resp: 59344

Ion Ratio Lower Upper

83 100

55 66.4 51.5 77.3

98 46.5 40.5 60.7



#40

Benzene

Concen: 20.686 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY018355.D

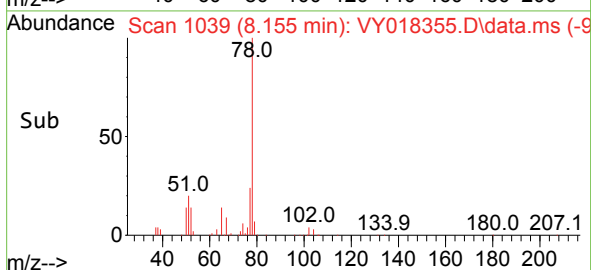
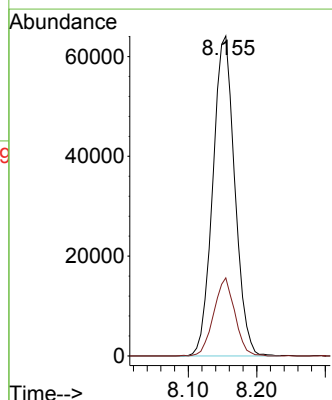
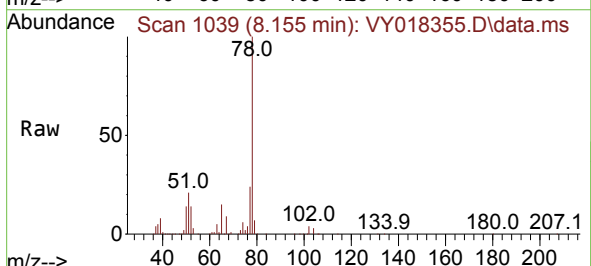
Acq: 23 May 2024 11:50

Tgt Ion: 78 Resp: 142403

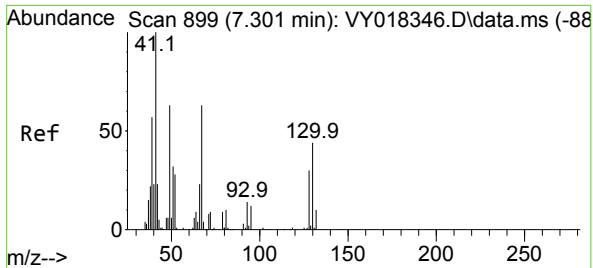
Ion Ratio Lower Upper

78 100

77 24.4 19.5 29.3

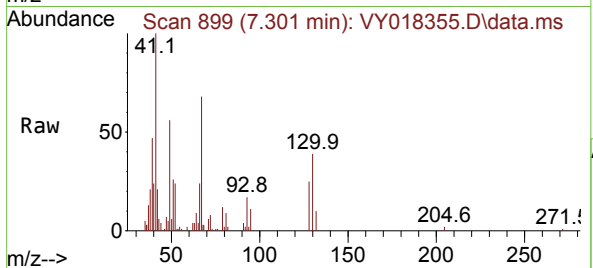




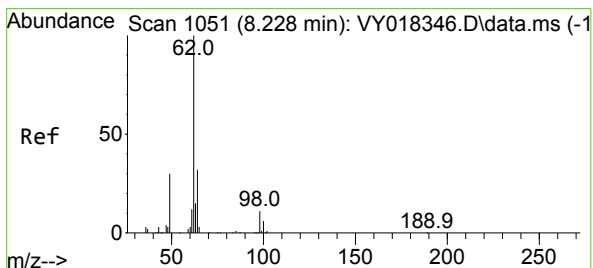
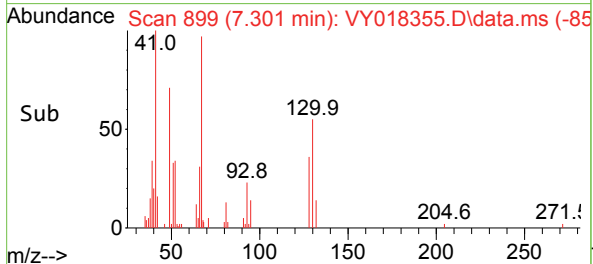
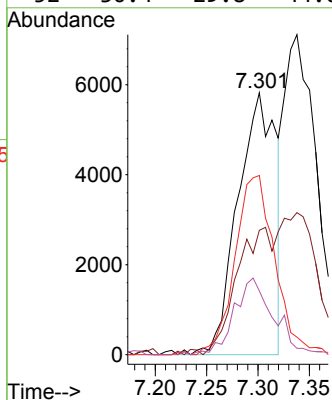


#41  
Methacrylonitrile  
Concen: 27.825 ug/l  
RT: 7.301 min Scan# 899  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

Instrument :  
MSVOA\_Y  
ClientSampleId :

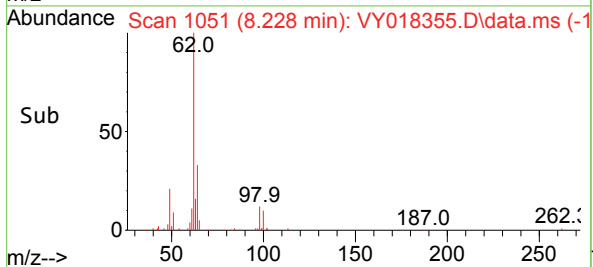
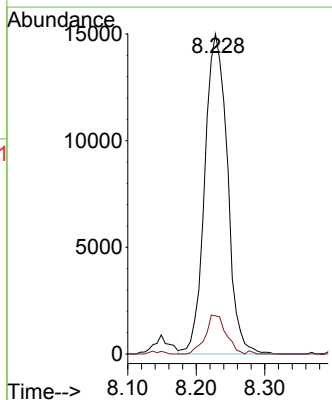
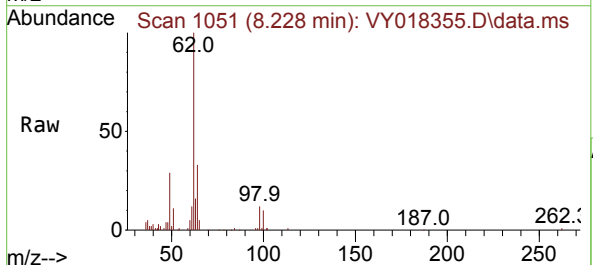


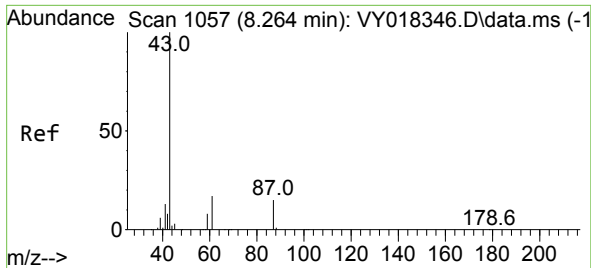
Tgt Ion: 41 Resp: 15004  
Ion Ratio Lower Upper  
41 100  
39 45.5 48.0 72.0#  
67 71.7 75.1 112.7#  
52 30.4 29.8 44.6



#42  
1,2-Dichloroethane  
Concen: 20.792 ug/l  
RT: 8.228 min Scan# 1051  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

Tgt Ion: 62 Resp: 34429  
Ion Ratio Lower Upper  
62 100  
98 11.1 0.0 22.0

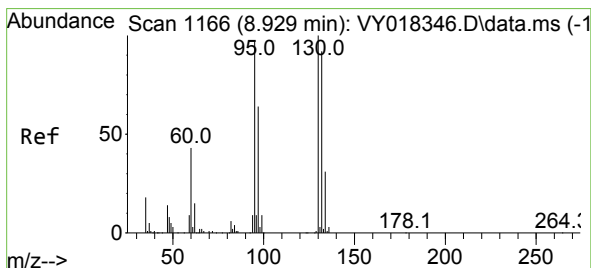
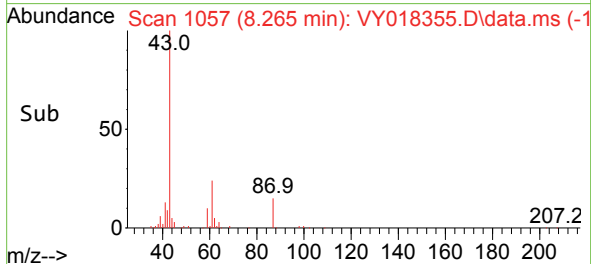
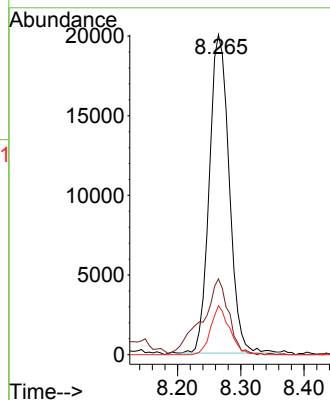
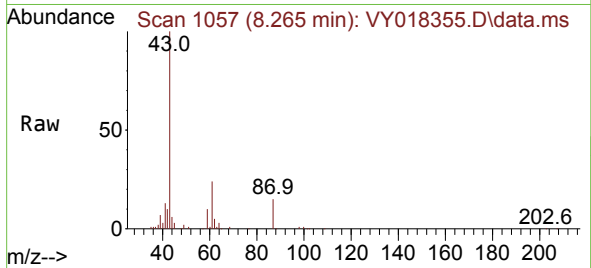




#43  
Isopropyl Acetate  
Concen: 20.696 ug/l  
RT: 8.265 min Scan# 1105  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

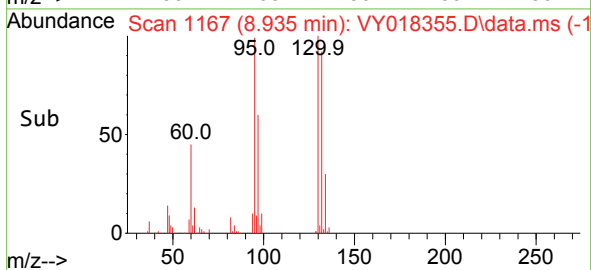
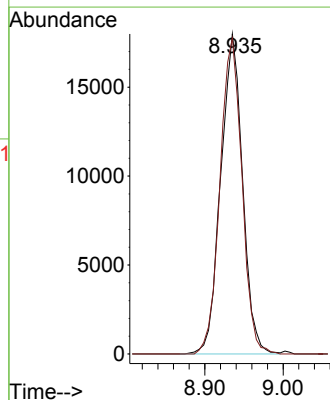
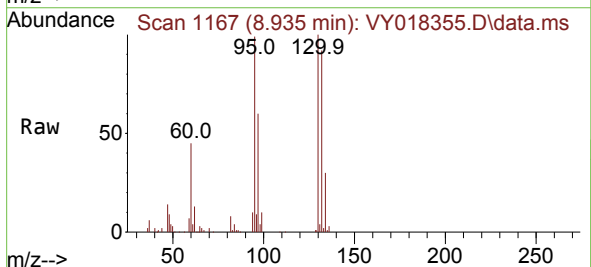
Instrument :  
MSVOA\_Y  
ClientSampleId :

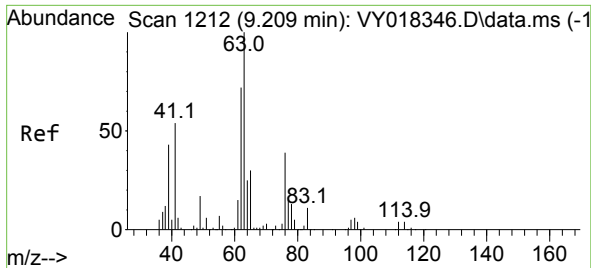
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 31.8  | 27.9  | 41.9  |
| 87      | 14.7  | 13.1  | 19.7  |



#44  
Trichloroethene  
Concen: 19.735 ug/l  
RT: 8.935 min Scan# 1167  
Delta R.T. 0.006 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 98.7  | 0.0   | 188.0 |

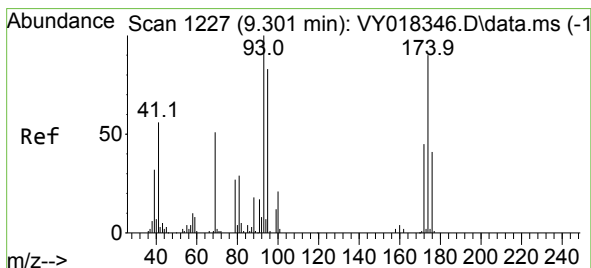
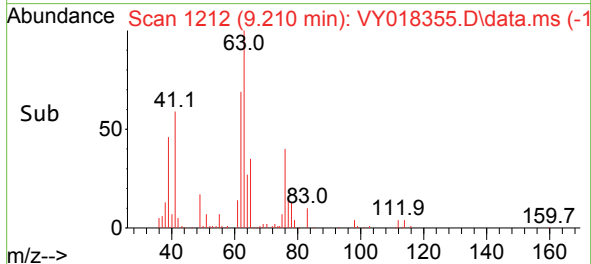
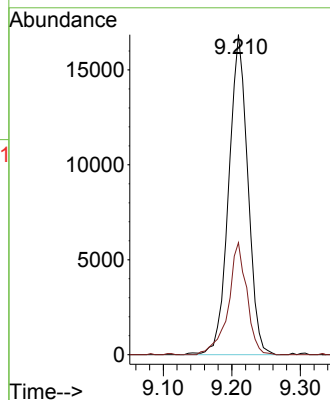
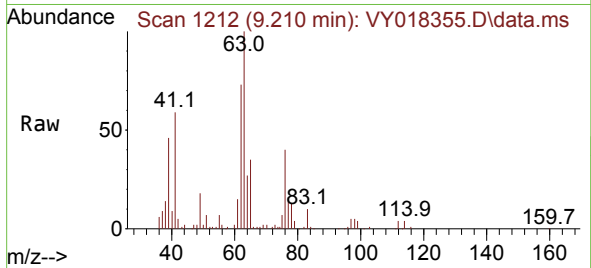




#45  
1,2-Dichloropropane  
Concen: 21.052 ug/l  
RT: 9.210 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

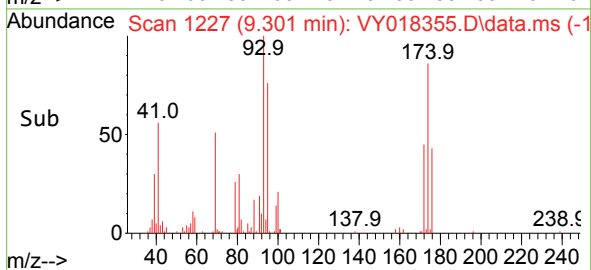
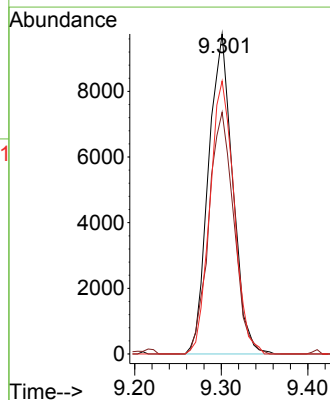
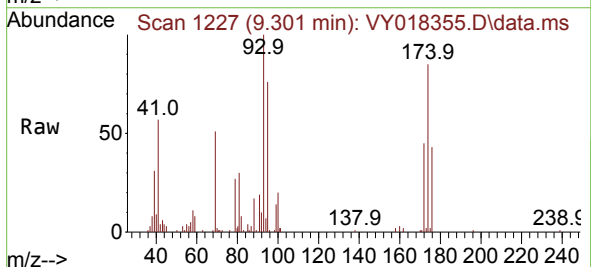
Instrument :  
MSVOA\_Y  
ClientSampleId :

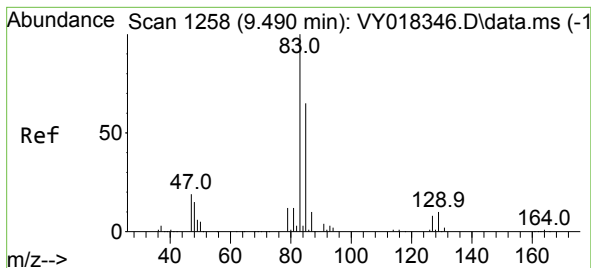
Tgt Ion: 63 Resp: 32594  
Ion Ratio Lower Upper  
63 100  
65 35.0 25.4 38.2



#46  
Dibromomethane  
Concen: 20.855 ug/l  
RT: 9.301 min Scan# 1227  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

Tgt Ion: 93 Resp: 18947  
Ion Ratio Lower Upper  
93 100  
95 78.1 66.2 99.4  
174 85.1 80.9 121.3





#47

Bromodichloromethane

Concen: 20.442 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VY018355.D

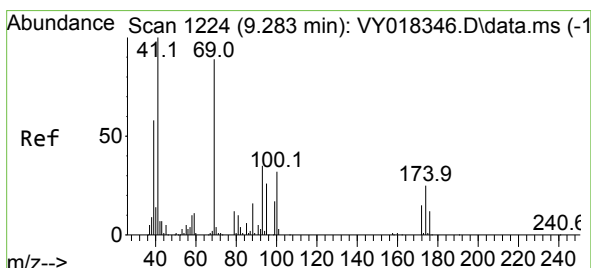
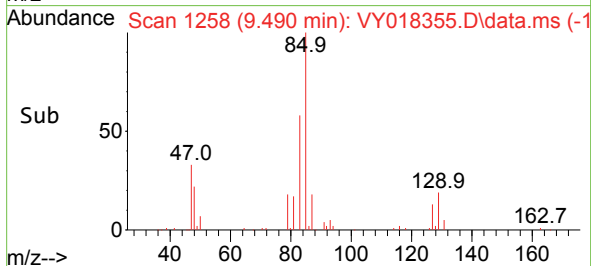
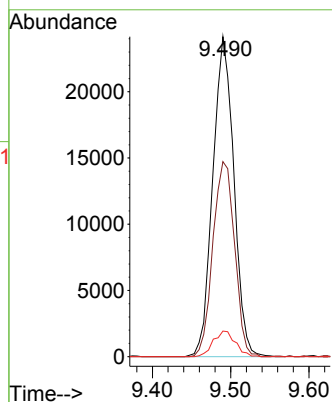
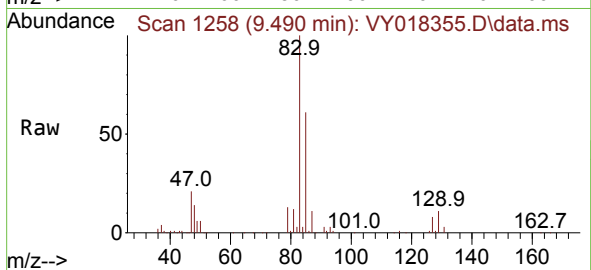
Acq: 23 May 2024 11:50

Instrument :

MSVOA\_Y

ClientSampleId :

|             |                |
|-------------|----------------|
| Tgt Ion: 83 | Resp: 45071    |
| Ion Ratio   | Lower Upper    |
| 83          | 100            |
| 85          | 61.0 50.1 75.1 |
| 127         | 8.0 7.4 11.0   |



#48

Methyl methacrylate

Concen: 20.127 ug/l

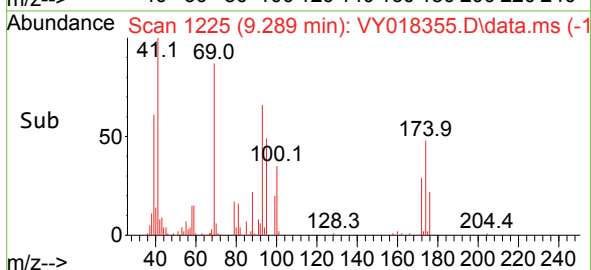
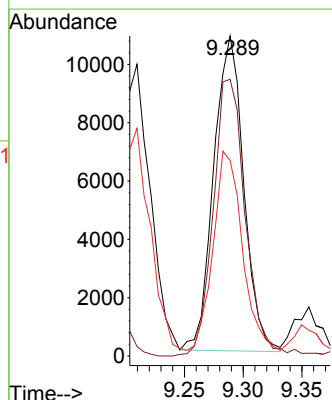
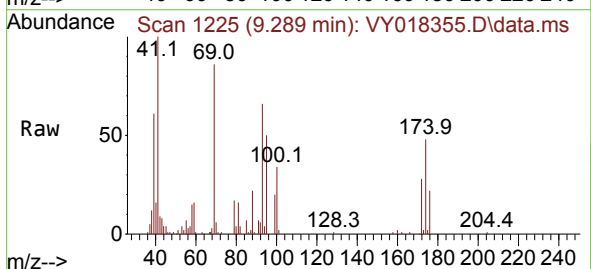
RT: 9.289 min Scan# 1225

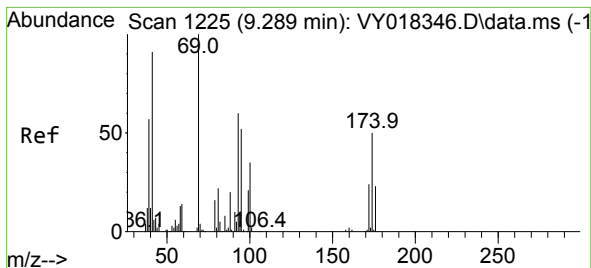
Delta R.T. 0.006 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

|             |                 |
|-------------|-----------------|
| Tgt Ion: 41 | Resp: 19189     |
| Ion Ratio   | Lower Upper     |
| 41          | 100             |
| 69          | 93.8 84.1 126.1 |
| 39          | 61.6 43.6 65.4  |





#49

1,4-Dioxane

Concen: 423.753 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

Instrument :

MSVOA\_Y

ClientSampleId :

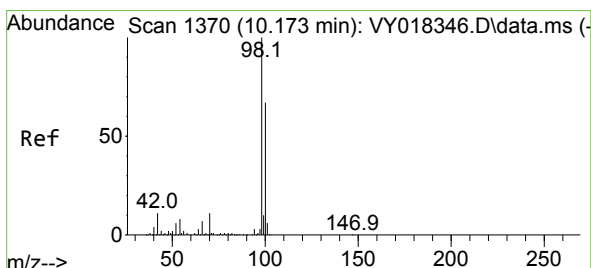
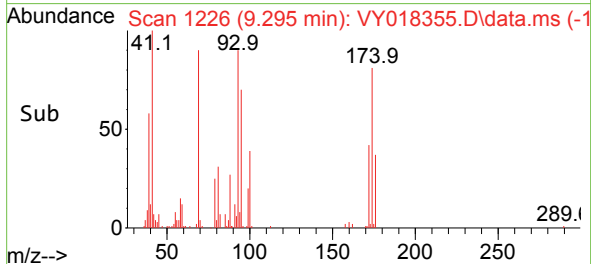
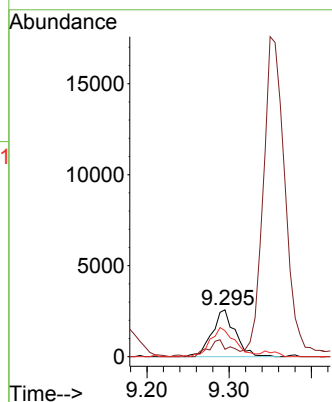
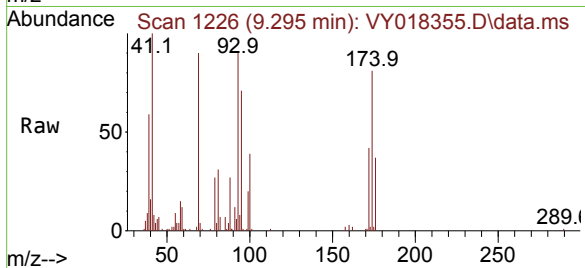
Tgt Ion: 88 Resp: 4995

Ion Ratio Lower Upper

88 100

43 33.2 0.0 0.0#

58 65.5 49.3 73.9



#50

Toluene-d8

Concen: 46.137 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018355.D

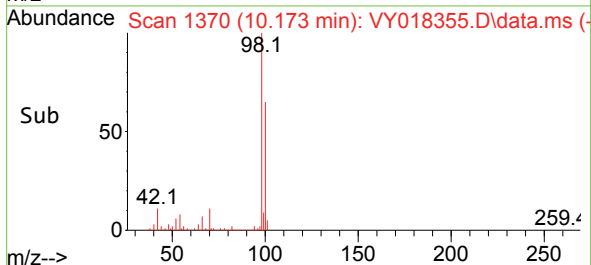
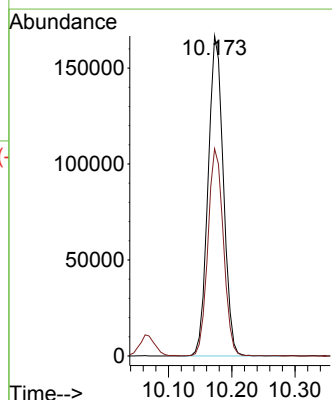
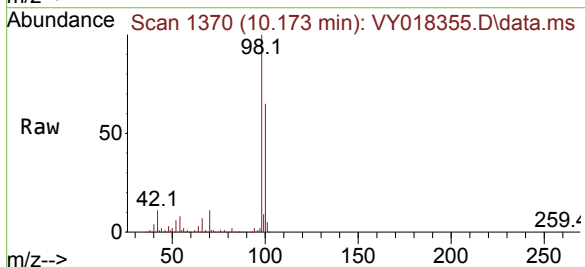
Acq: 23 May 2024 11:50

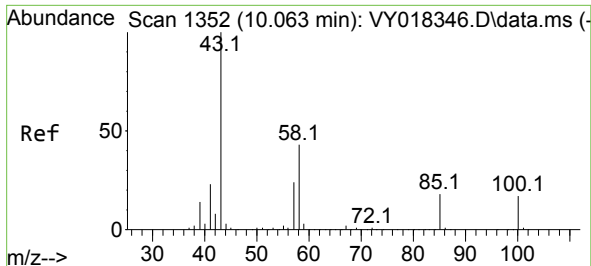
Tgt Ion: 98 Resp: 280097

Ion Ratio Lower Upper

98 100

100 65.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 107.965 ug/l

RT: 10.063 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

Instrument :

MSVOA\_Y

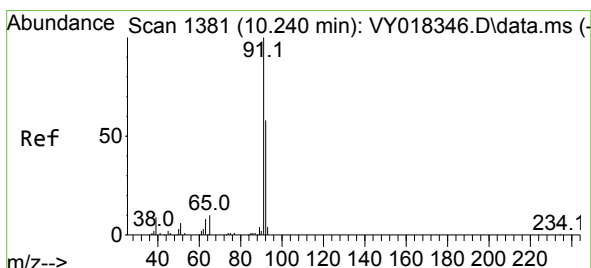
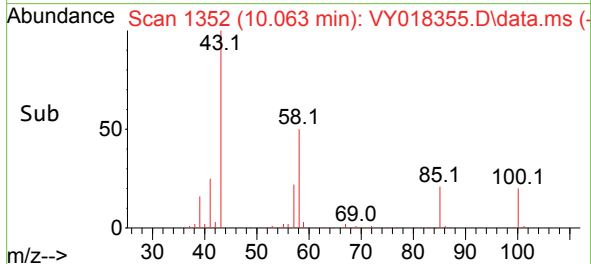
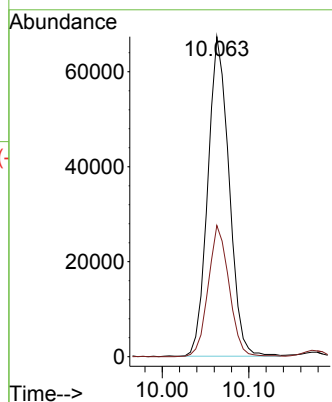
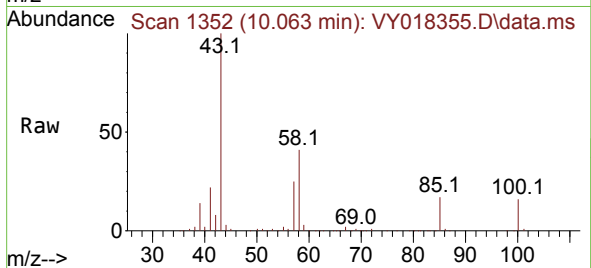
ClientSampleId :

Tgt Ion: 43 Resp: 114847

Ion Ratio Lower Upper

43 100

58 40.5 35.7 53.5



#52

Toluene

Concen: 20.751 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY018355.D

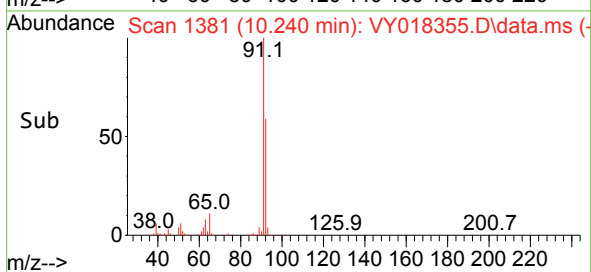
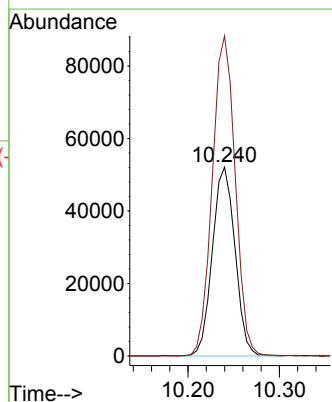
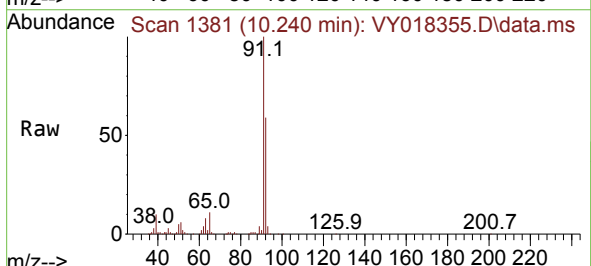
Acq: 23 May 2024 11:50

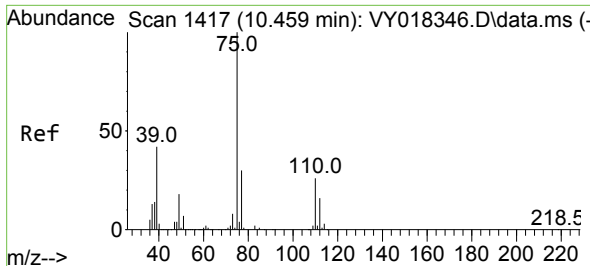
Tgt Ion: 92 Resp: 89547

Ion Ratio Lower Upper

92 100

91 172.2 139.0 208.6

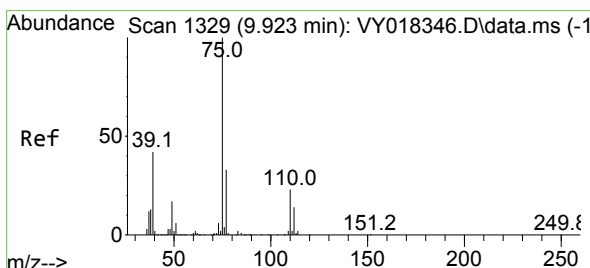
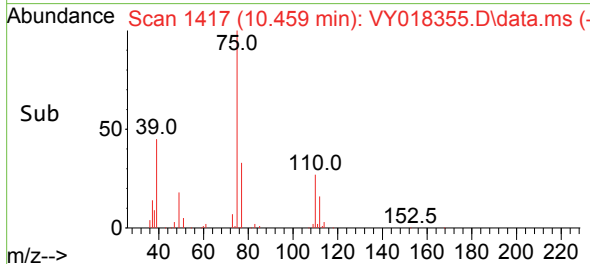
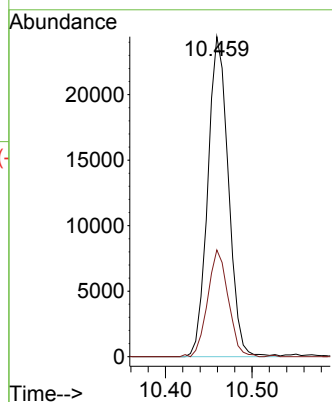
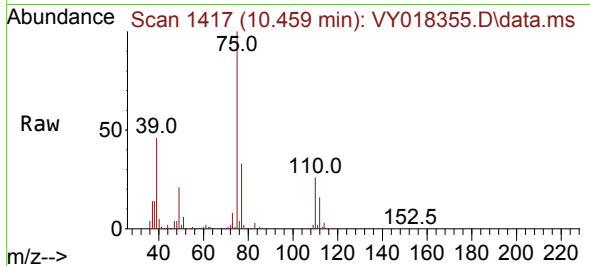




#53  
 t-1,3-Dichloropropene  
 Concen: 20.013 ug/l  
 RT: 10.459 min Scan# 1417  
 Delta R.T. 0.000 min  
 Lab File: VY018355.D  
 Acq: 23 May 2024 11:50

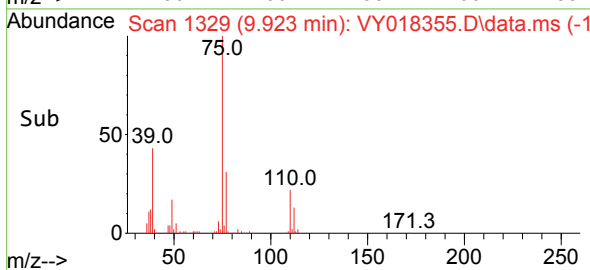
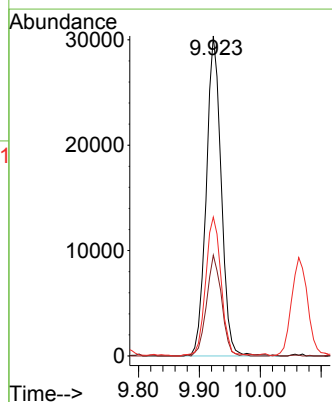
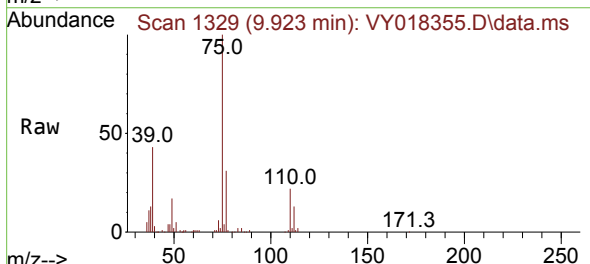
Instrument :  
 MSVOA\_Y  
 ClientSampleId :

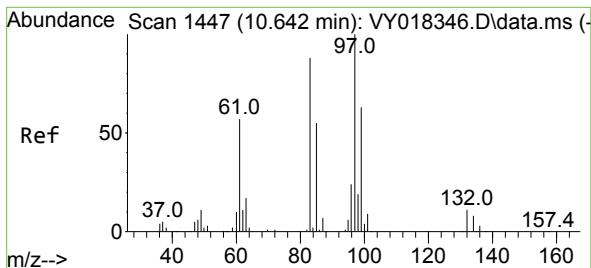
Tgt Ion: 75 Resp: 40343  
 Ion Ratio Lower Upper  
 75 100  
 77 33.4 24.1 36.1



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.991 ug/l  
 RT: 9.923 min Scan# 1329  
 Delta R.T. 0.000 min  
 Lab File: VY018355.D  
 Acq: 23 May 2024 11:50

Tgt Ion: 75 Resp: 51849  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 25.4 38.0  
 39 43.4 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 20.780 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

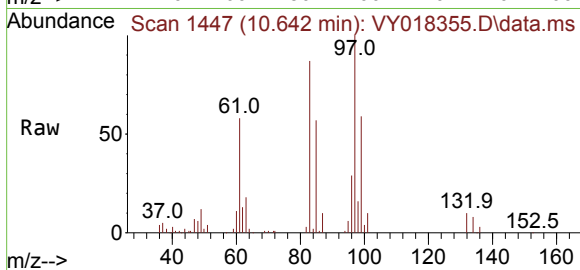
Lab File: VY018355.D

Acq: 23 May 2024 11:50

Instrument :

MSVOA\_Y

ClientSampleId :



Tgt Ion: 97 Resp: 25011

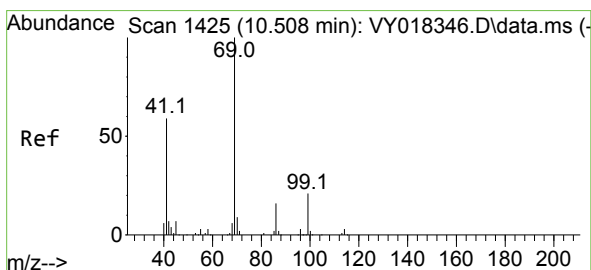
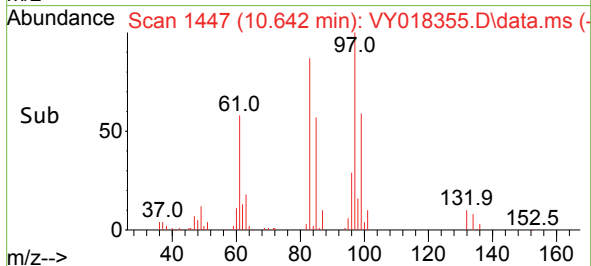
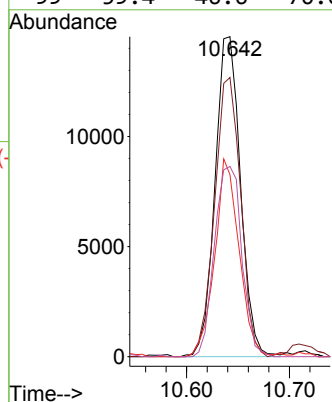
Ion Ratio Lower Upper

97 100

83 87.3 67.5 101.3

85 56.9 42.9 64.3

99 59.4 46.6 70.0



#56

Ethyl methacrylate

Concen: 22.113 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

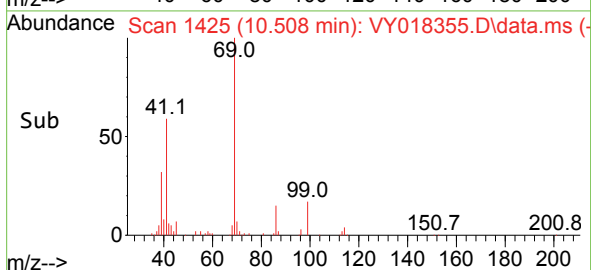
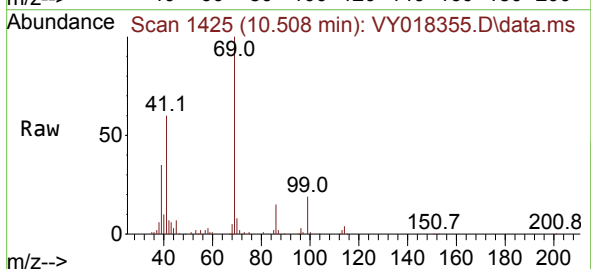
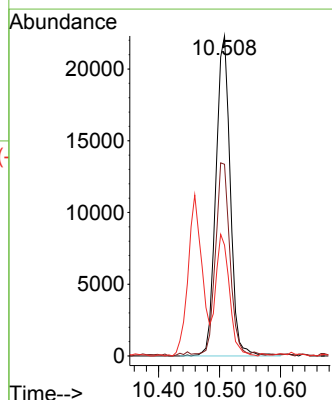
Tgt Ion: 69 Resp: 36507

Ion Ratio Lower Upper

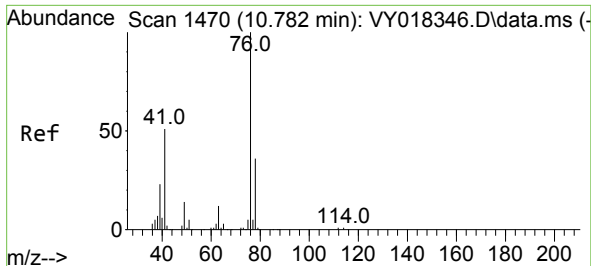
69 100

41 58.5 42.3 63.5

39 36.1 22.9 34.3#







#57

1,3-Dichloropropane

Concen: 21.706 ug/l

RT: 10.782 min Scan# 1470

Delta R.T. 0.000 min

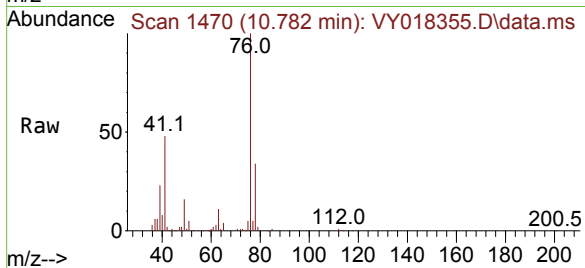
Lab File: VY018355.D

Acq: 23 May 2024 11:50

Instrument :

MSVOA\_Y

ClientSampleId :

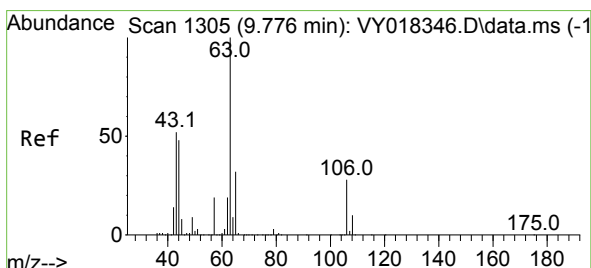
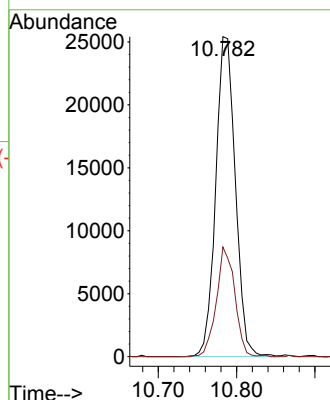
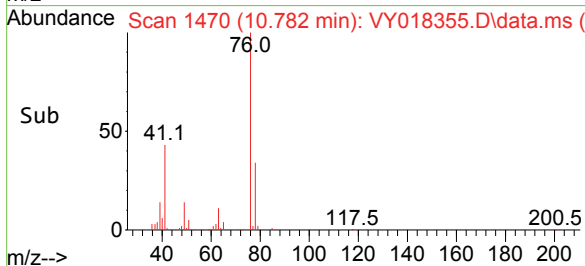


Tgt Ion: 76 Resp: 44282

Ion Ratio Lower Upper

76 100

78 32.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 93.655 ug/l

RT: 9.777 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY018355.D

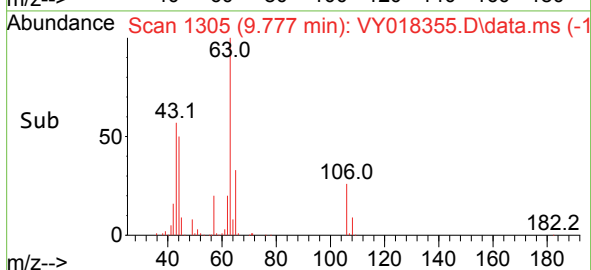
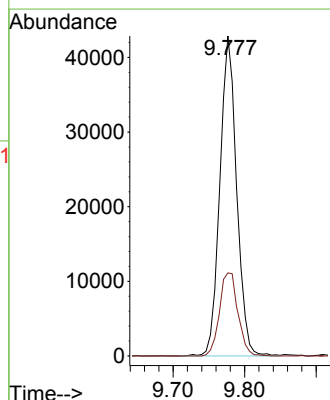
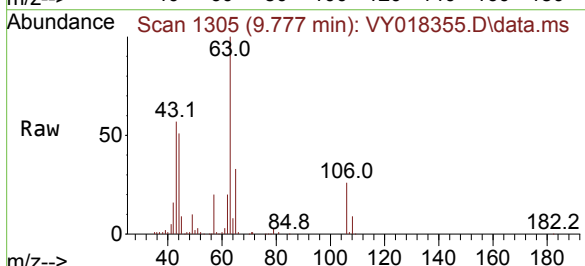
Acq: 23 May 2024 11:50

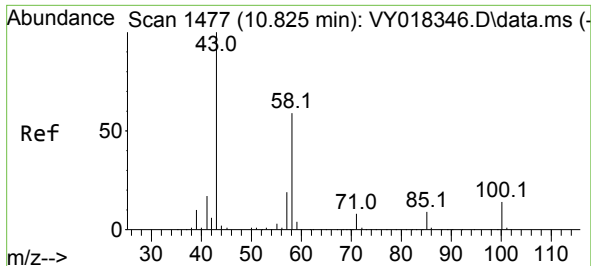
Tgt Ion: 63 Resp: 69866

Ion Ratio Lower Upper

63 100

106 28.5 23.7 35.5

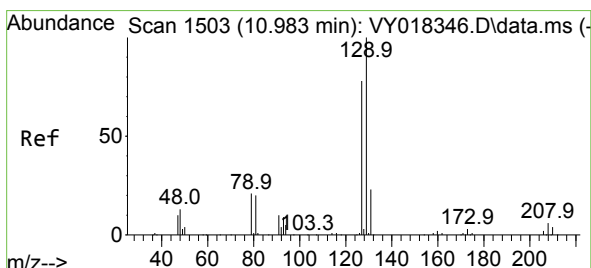
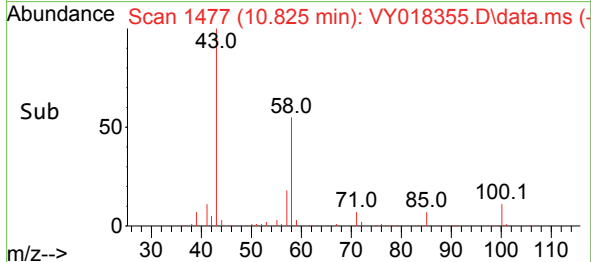
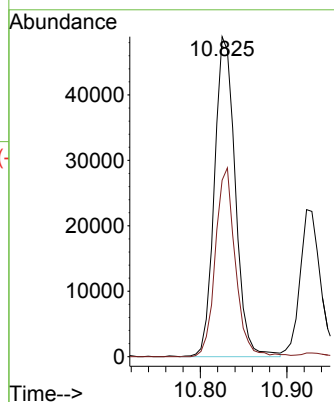
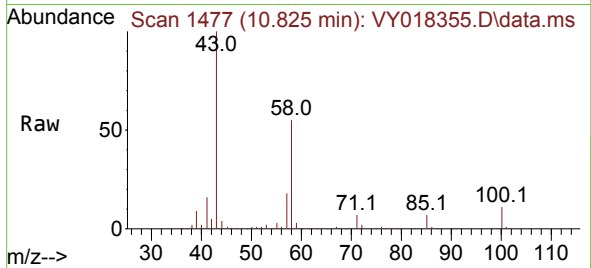




#59  
2-Hexanone  
Concen: 111.772 ug/l  
RT: 10.825 min Scan# 1477  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

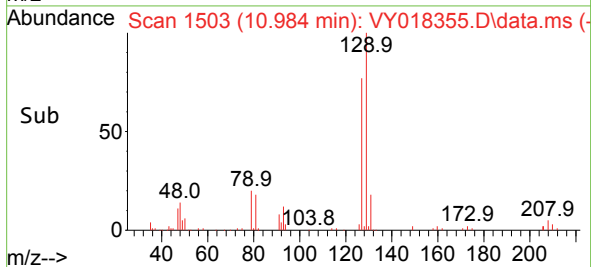
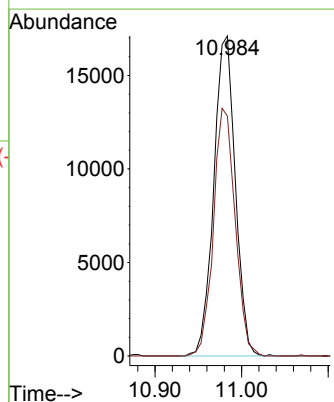
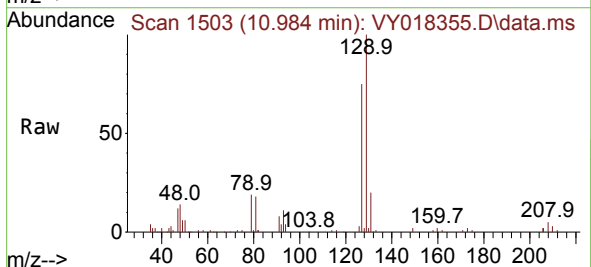
Instrument :  
MSVOA\_Y  
ClientSampleId :

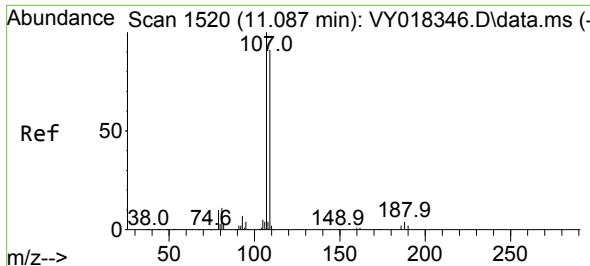
Tgt Ion: 43 Resp: 81812  
Ion Ratio Lower Upper  
43 100  
58 56.6 31.4 94.0



#60  
Dibromochloromethane  
Concen: 20.338 ug/l  
RT: 10.984 min Scan# 1503  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

Tgt Ion: 129 Resp: 29567  
Ion Ratio Lower Upper  
129 100  
127 78.0 39.0 117.0

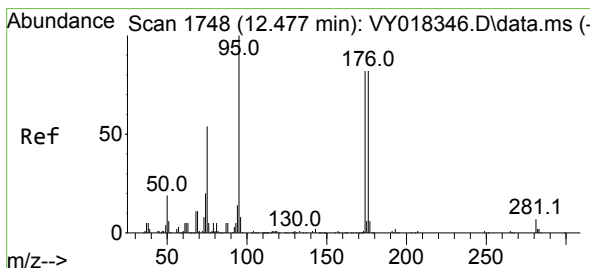
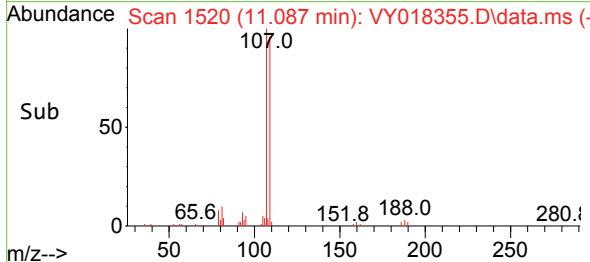
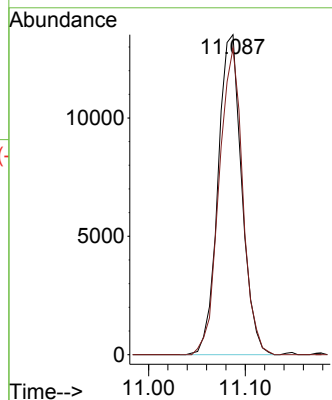
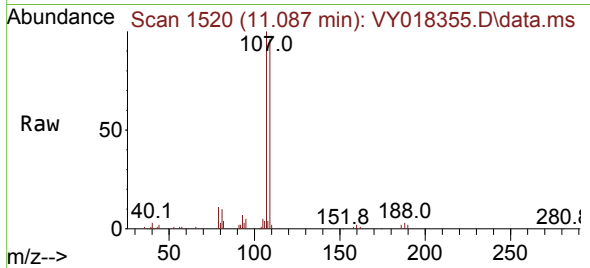




#61  
1,2-Dibromoethane  
Concen: 20.717 ug/l  
RT: 11.087 min Scan# 1520  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

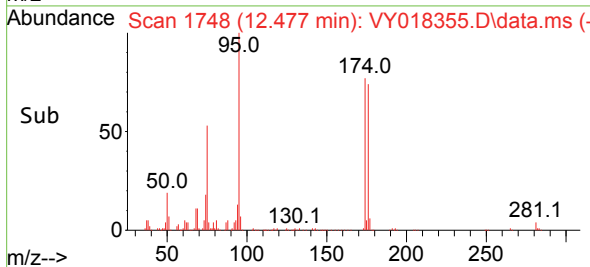
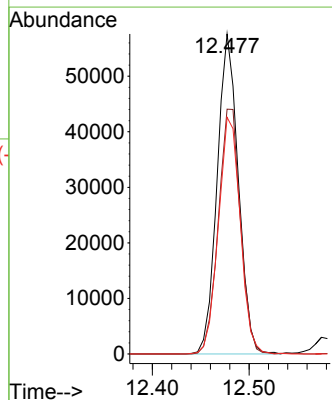
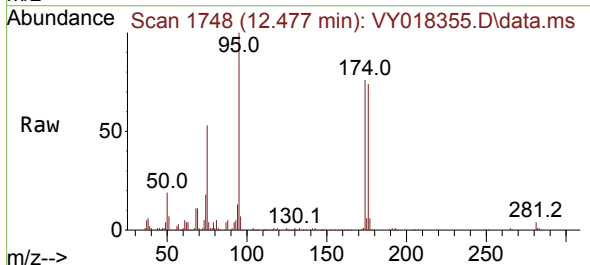
Instrument :  
MSVOA\_Y  
ClientSampleId :

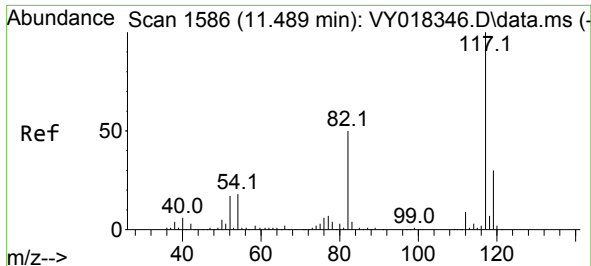
Tgt Ion:107 Resp: 23008  
Ion Ratio Lower Upper  
107 100  
109 95.3 75.9 113.9



#62  
4-Bromofluorobenzene  
Concen: 46.637 ug/l  
RT: 12.477 min Scan# 1748  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

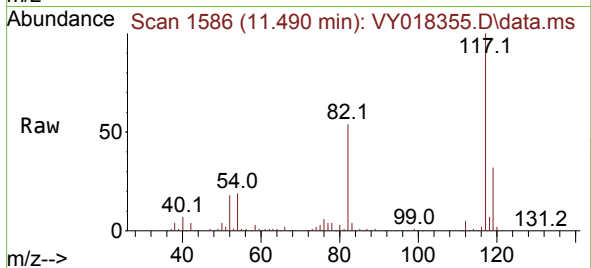
Tgt Ion: 95 Resp: 87486  
Ion Ratio Lower Upper  
95 100  
174 80.0 0.0 175.6  
176 76.3 0.0 171.4



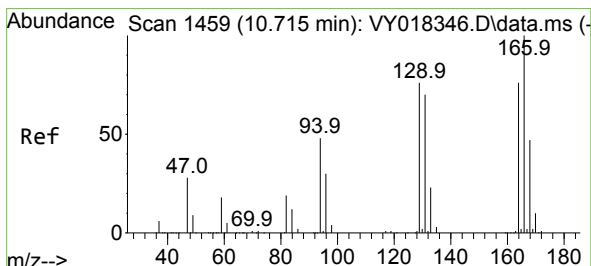
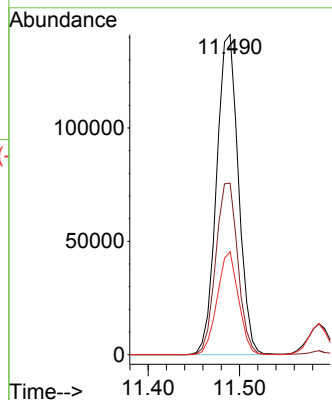
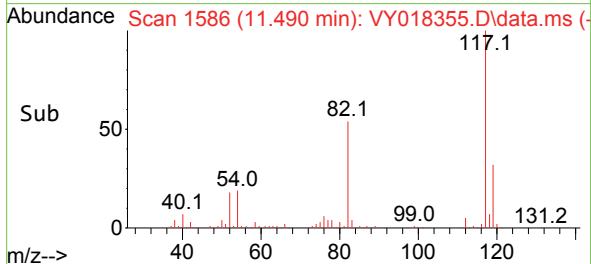


#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.490 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

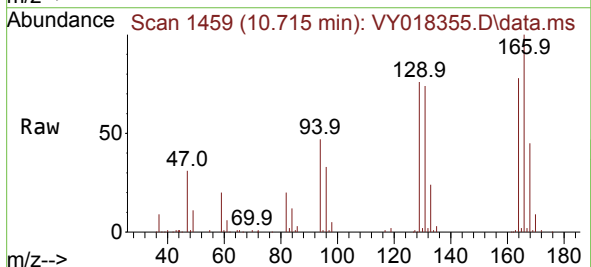
Instrument :  
MSVOA\_Y  
ClientSampleId :



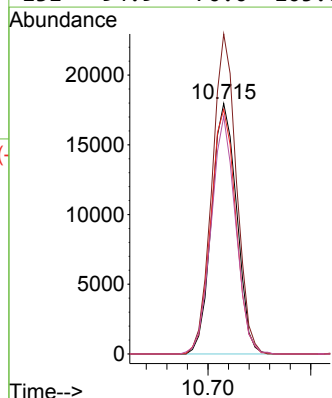
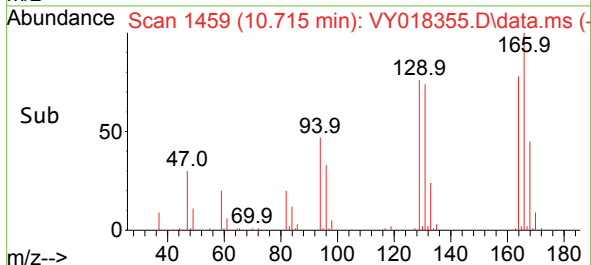
Tgt Ion:117 Resp: 234772  
Ion Ratio Lower Upper  
117 100  
82 53.6 42.4 63.6  
119 32.2 25.9 38.9

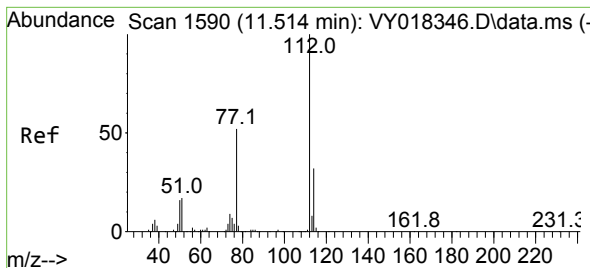


#64  
Tetrachloroethene  
Concen: 18.185 ug/l  
RT: 10.715 min Scan# 1459  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50



Tgt Ion:164 Resp: 30286  
Ion Ratio Lower Upper  
164 100  
166 127.8 102.6 154.0  
129 97.6 72.0 108.0  
131 94.9 70.0 105.0





#65

Chlorobenzene

Concen: 19.835 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

Instrument :

MSVOA\_Y

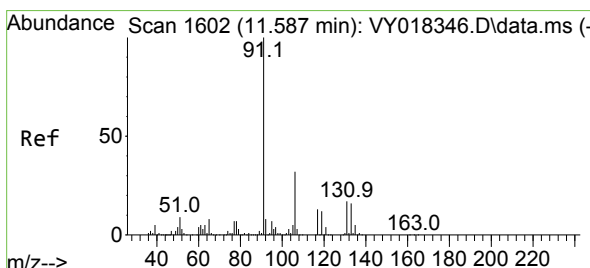
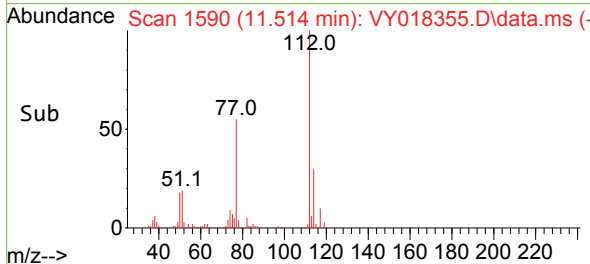
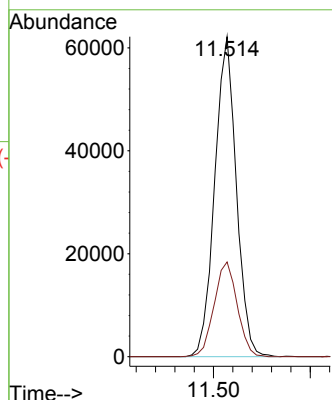
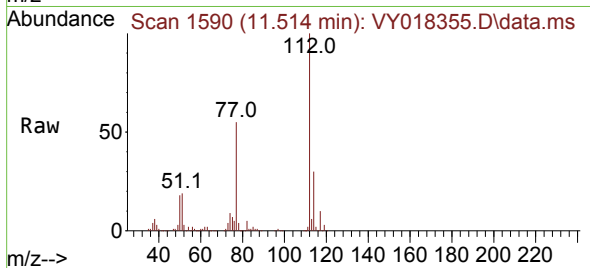
ClientSampleId :

Tgt Ion:112 Resp: 96196

Ion Ratio Lower Upper

112 100

114 29.6 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.102 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

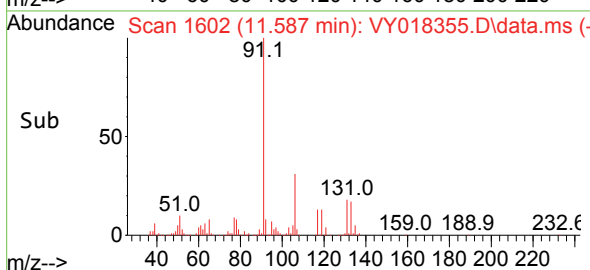
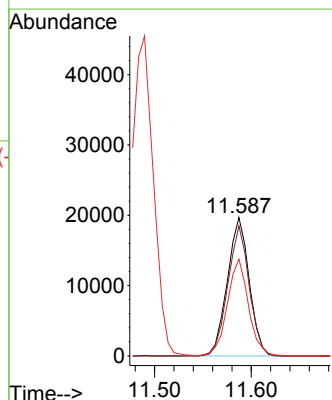
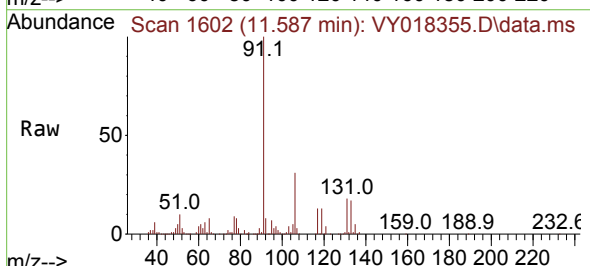
Tgt Ion:131 Resp: 30841

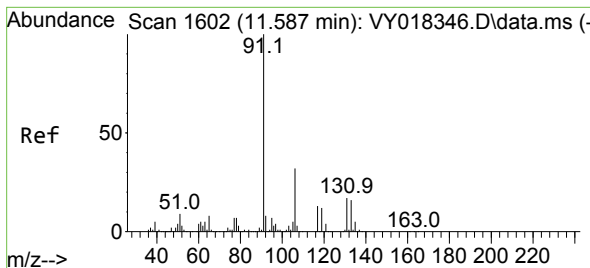
Ion Ratio Lower Upper

131 100

133 92.4 47.8 143.3

119 68.0 34.1 102.2





#67

Ethyl Benzene

Concen: 20.204 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

Instrument :

MSVOA\_Y

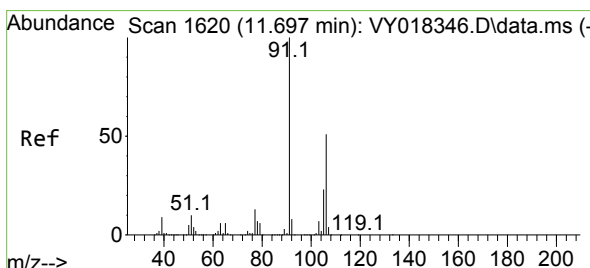
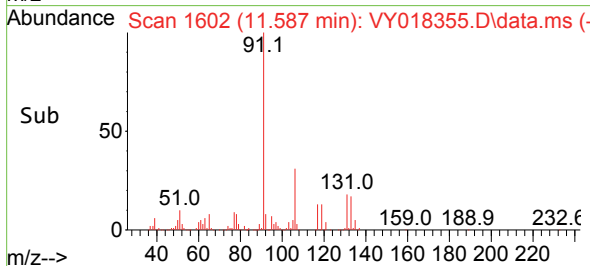
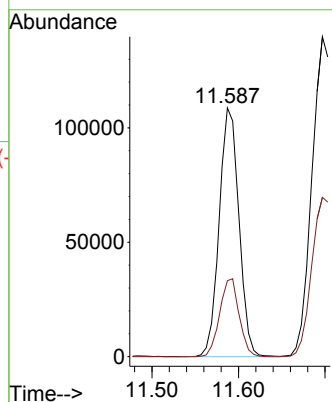
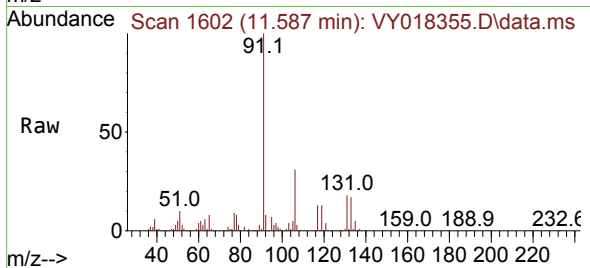
ClientSampleId :

Tgt Ion: 91 Resp: 172081

Ion Ratio Lower Upper

91 100

106 30.6 24.5 36.7



#68

m/p-Xylenes

Concen: 40.128 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY018355.D

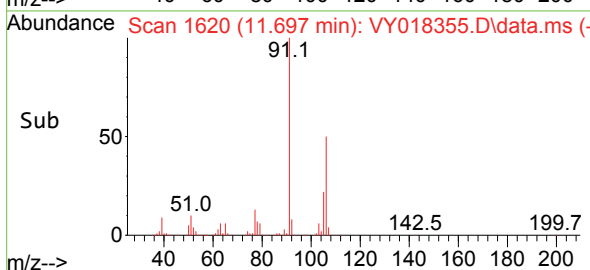
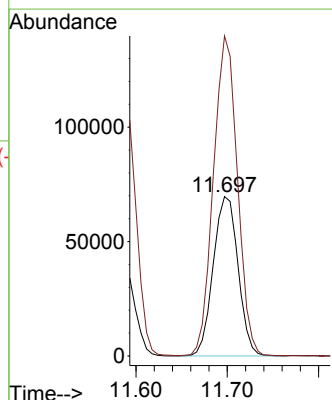
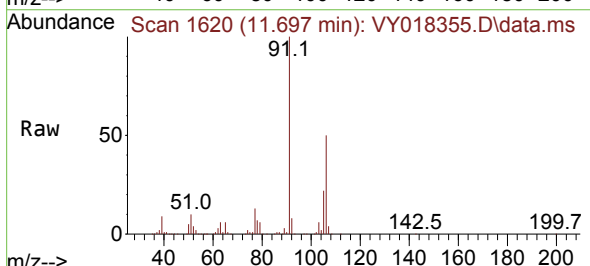
Acq: 23 May 2024 11:50

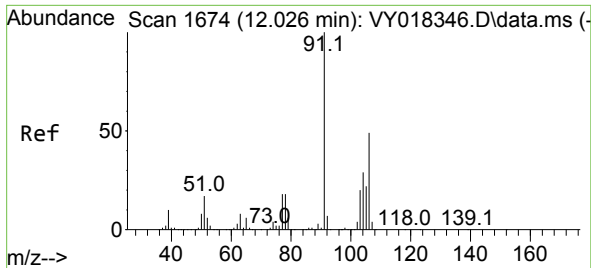
Tgt Ion:106 Resp: 131501

Ion Ratio Lower Upper

106 100

91 194.1 156.0 234.0

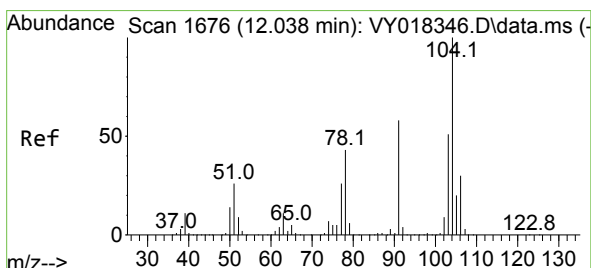
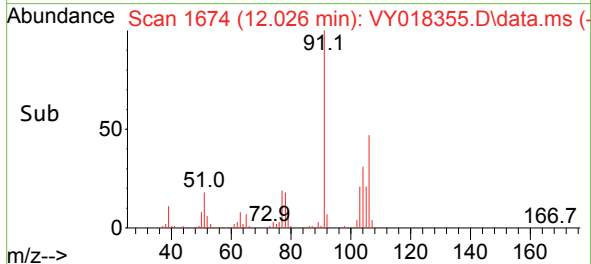
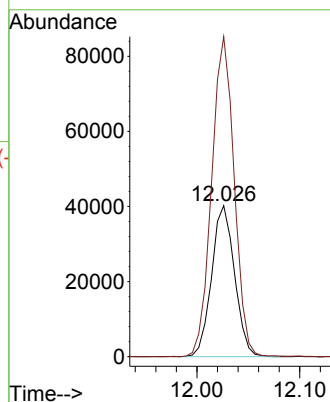
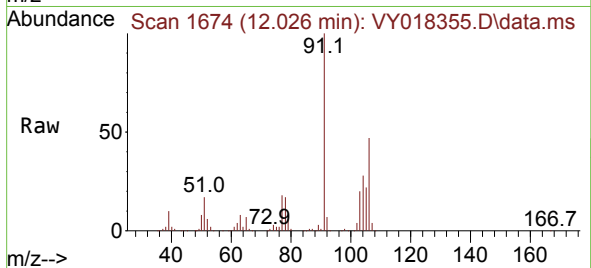




#69  
o-Xylene  
Concen: 20.103 ug/l  
RT: 12.026 min Scan# 1  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

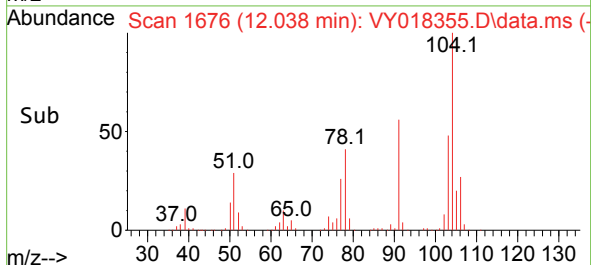
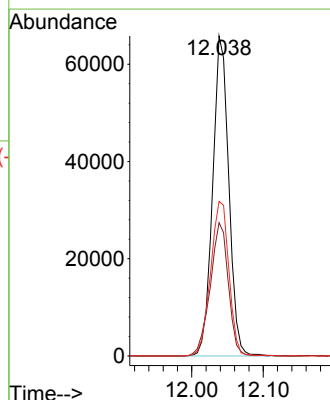
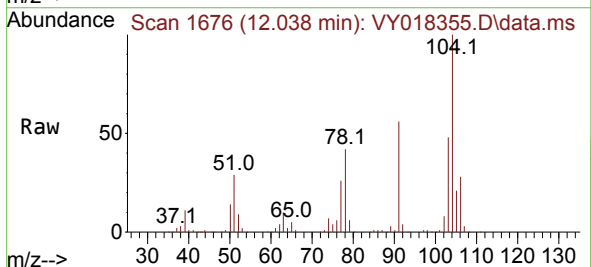
Instrument :  
MSVOA\_Y  
ClientSampleId :

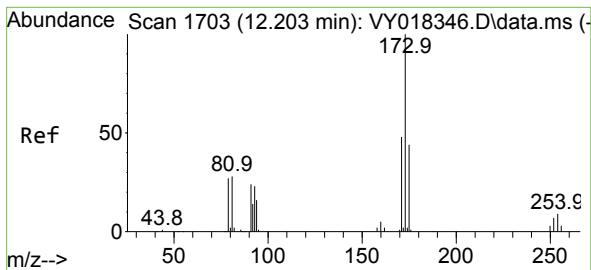
Tgt Ion:106 Resp: 62170  
Ion Ratio Lower Upper  
106 100  
91 209.1 103.6 310.8



#70  
Styrene  
Concen: 20.166 ug/l  
RT: 12.038 min Scan# 1676  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

Tgt Ion:104 Resp: 103092  
Ion Ratio Lower Upper  
104 100  
78 46.8 37.0 55.4  
103 54.8 44.2 66.2





#71

Bromoform

Concen: 18.750 ug/l

RT: 12.203 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

Instrument :

MSVOA\_Y

ClientSampleId :

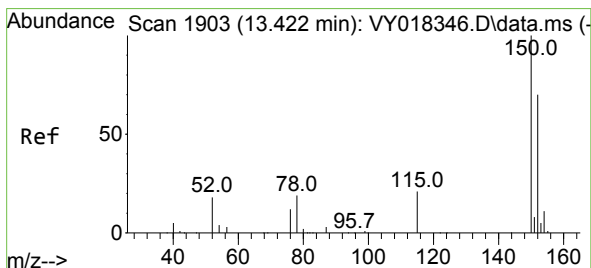
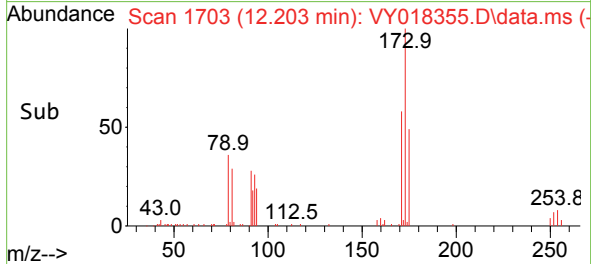
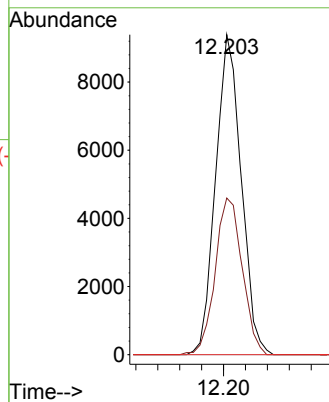
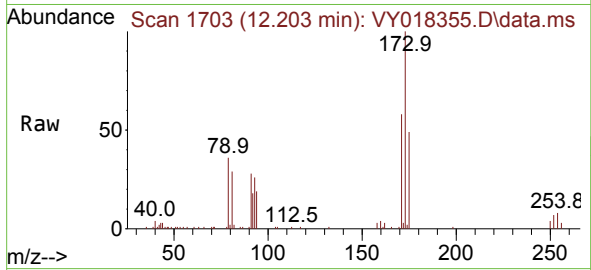
Tgt Ion:173 Resp: 15216

Ion Ratio Lower Upper

173 100

175 51.7 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

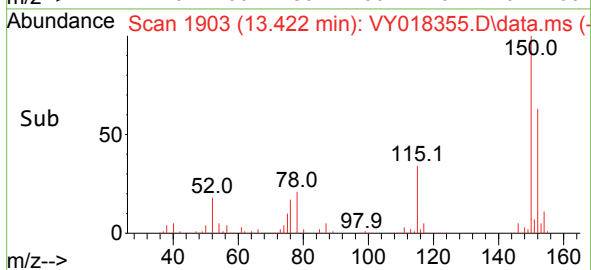
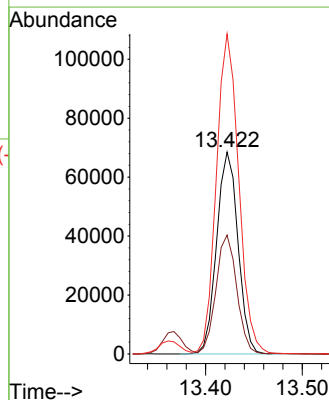
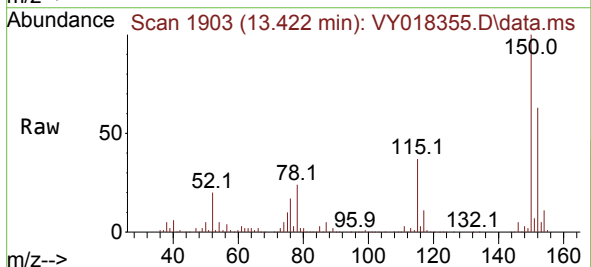
Tgt Ion:152 Resp: 104770

Ion Ratio Lower Upper

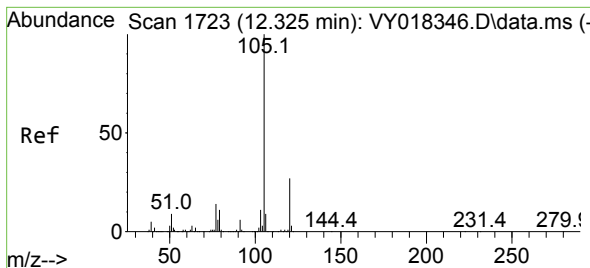
152 100

115 57.7 28.2 84.7

150 166.0 0.0 345.6







#73

Isopropylbenzene

Concen: 19.761 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

Instrument :

MSVOA\_Y

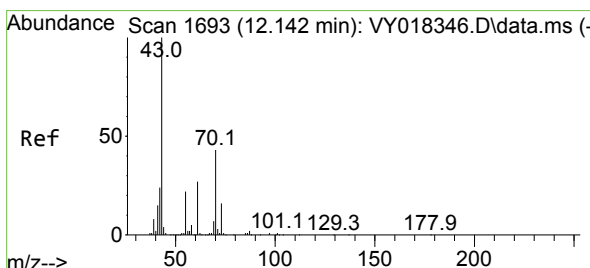
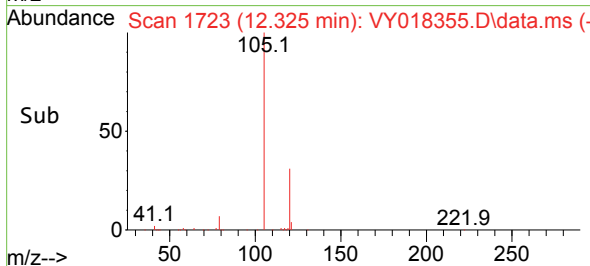
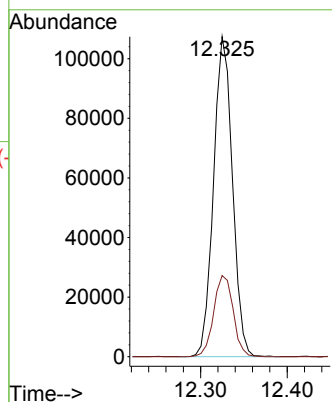
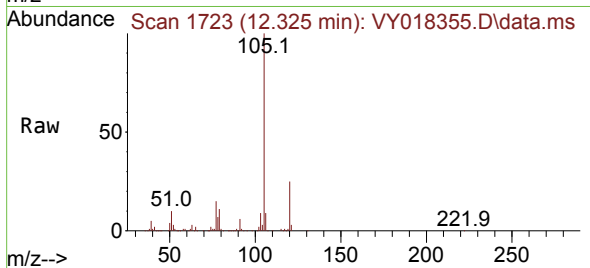
ClientSampleId :

Tgt Ion:105 Resp: 162729

Ion Ratio Lower Upper

105 100

120 26.1 13.4 40.1



#74

N-ethyl acetate

Concen: 20.915 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

Tgt Ion: 43 Resp: 40182

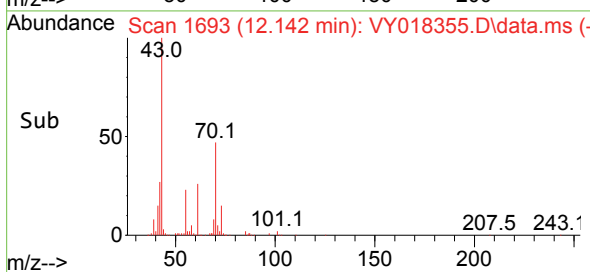
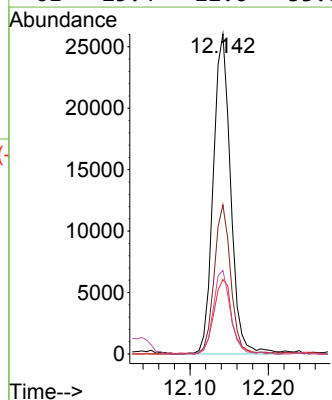
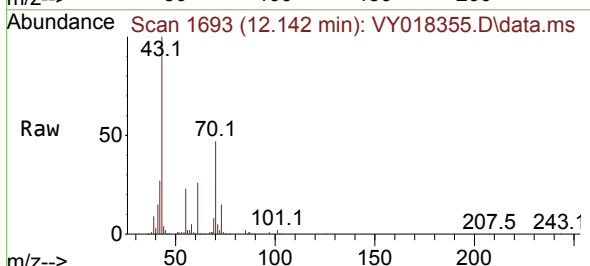
Ion Ratio Lower Upper

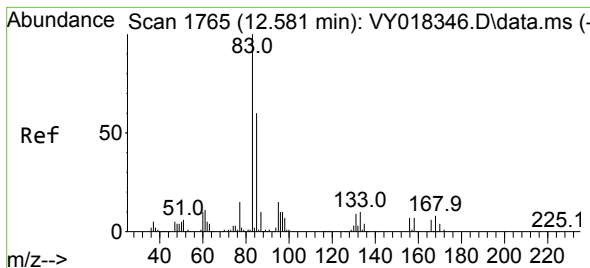
43 100

70 43.9 41.4 62.2

55 24.6 23.3 34.9

61 25.4 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.483 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

Instrument :

MSVOA\_Y

ClientSampleId :

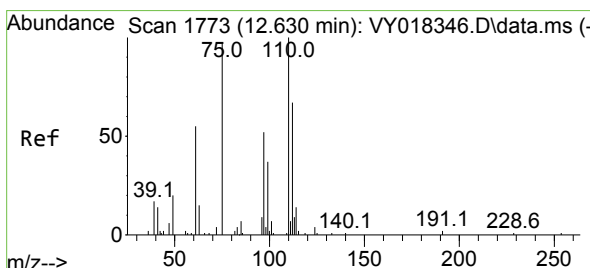
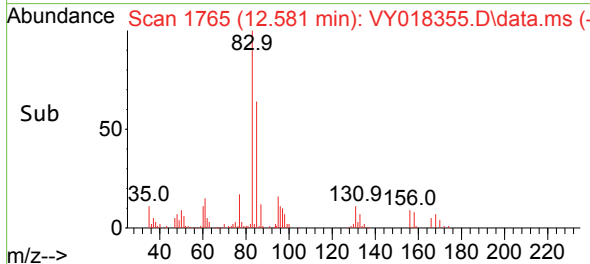
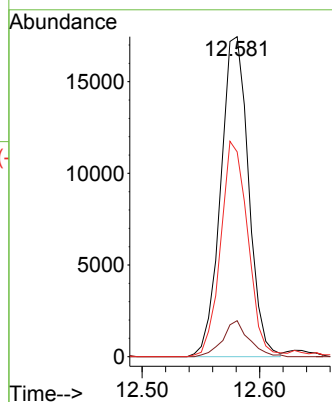
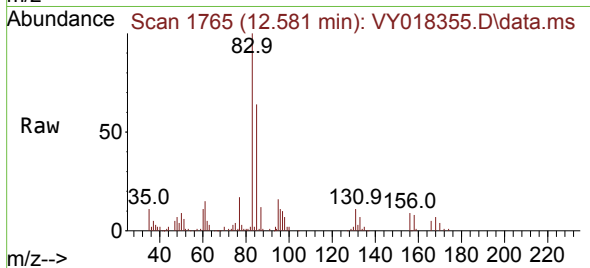
Tgt Ion: 83 Resp: 28741

Ion Ratio Lower Upper

83 100

131 10.6 5.0 14.9

85 65.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 39.182 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY018355.D

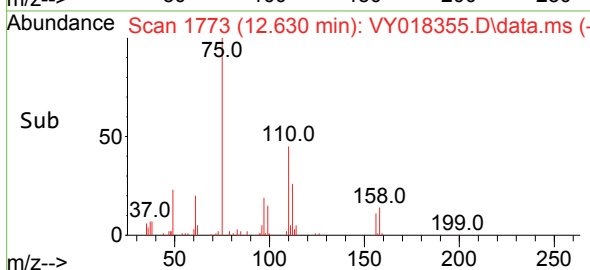
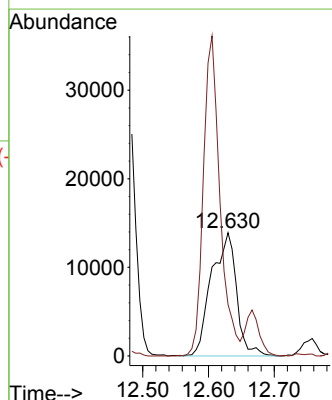
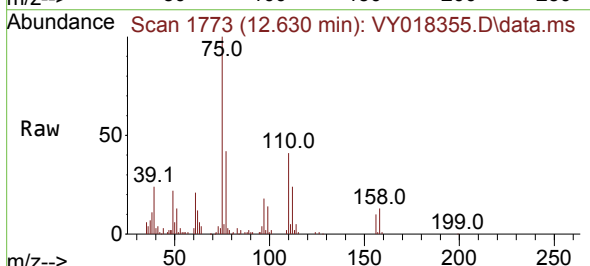
Acq: 23 May 2024 11:50

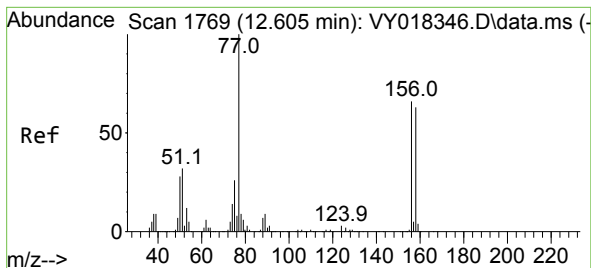
Tgt Ion: 75 Resp: 36896

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.951 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

Instrument :

MSVOA\_Y

ClientSampleId :

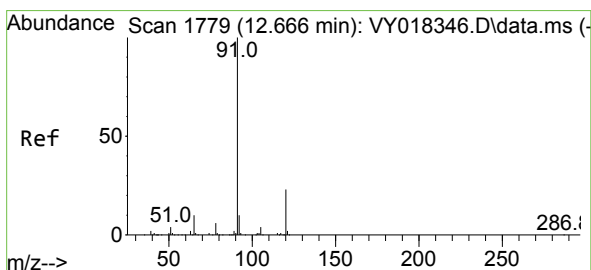
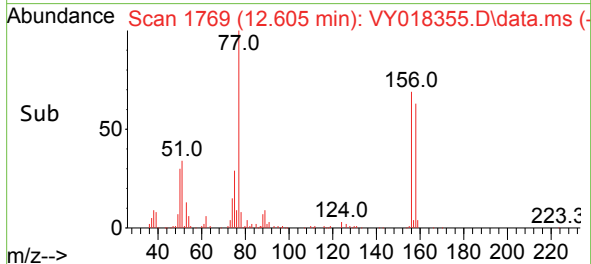
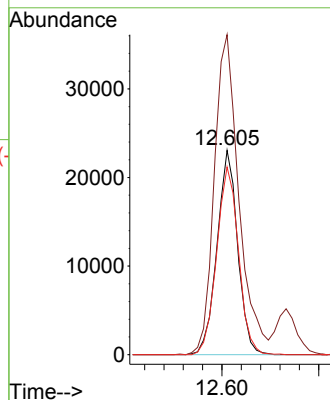
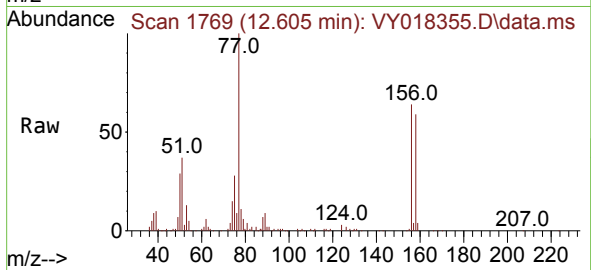
Tgt Ion:156 Resp: 34180

Ion Ratio Lower Upper

156 100

77 186.6 87.1 261.3

158 97.1 48.6 145.9



#78

n-propylbenzene

Concen: 19.988 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018355.D

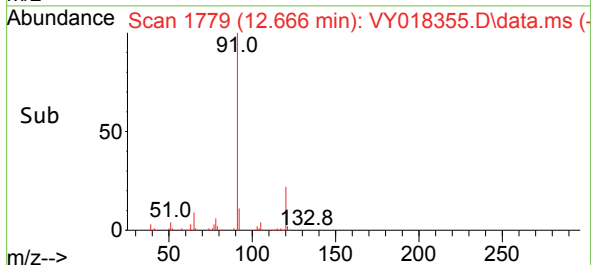
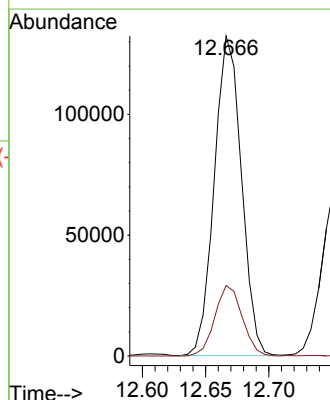
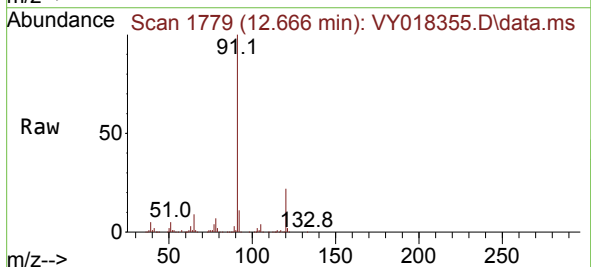
Acq: 23 May 2024 11:50

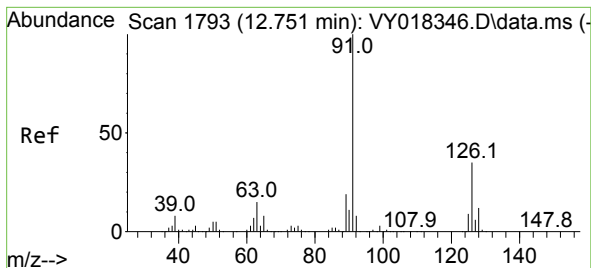
Tgt Ion: 91 Resp: 197076

Ion Ratio Lower Upper

91 100

120 22.2 11.5 34.4

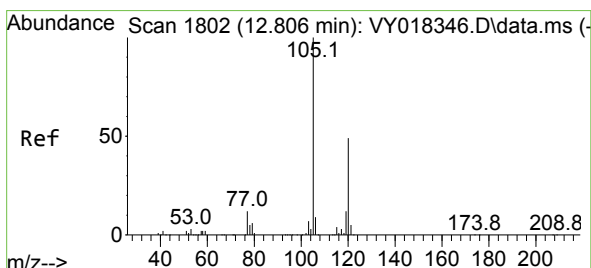
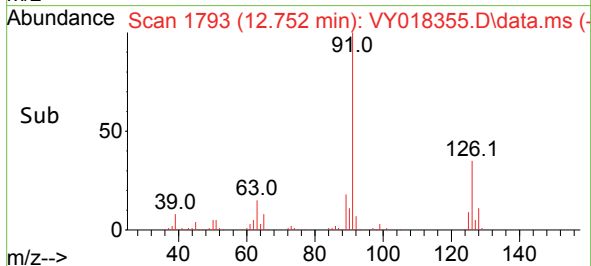
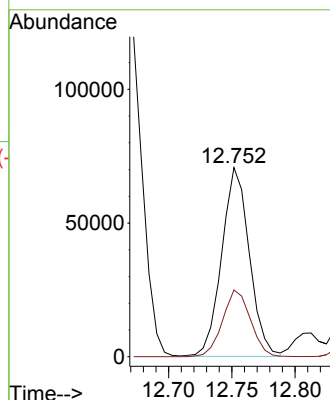
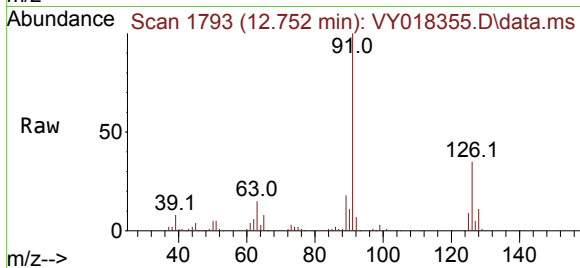




#79  
2-Chlorotoluene  
Concen: 20.124 ug/l  
RT: 12.752 min Scan# 11  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

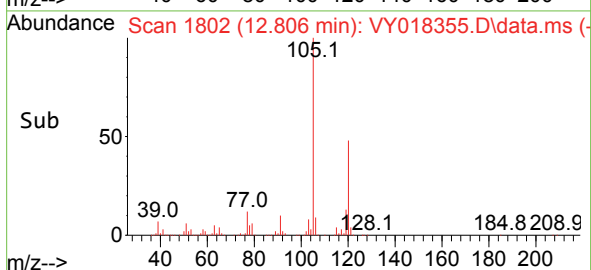
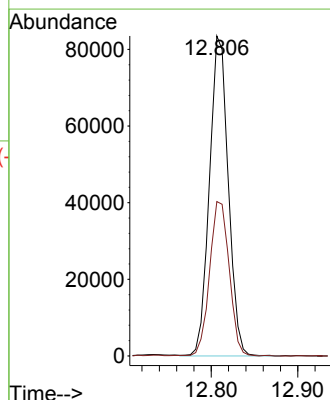
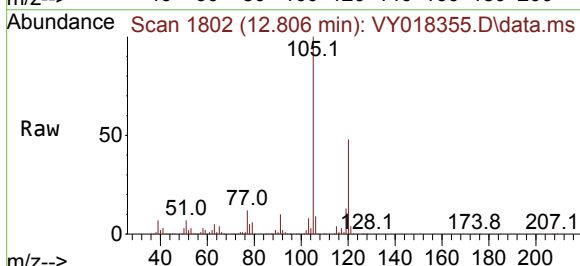
Instrument :  
MSVOA\_Y  
ClientSampleId :

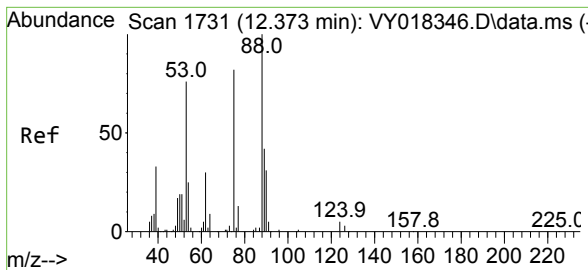
Tgt Ion: 91 Resp: 107422  
Ion Ratio Lower Upper  
91 100  
126 35.7 17.8 53.5



#80  
1,3,5-Trimethylbenzene  
Concen: 19.493 ug/l  
RT: 12.806 min Scan# 1802  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

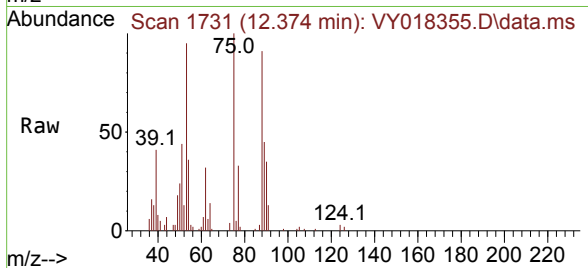
Tgt Ion:105 Resp: 126137  
Ion Ratio Lower Upper  
105 100  
120 50.2 25.1 75.2



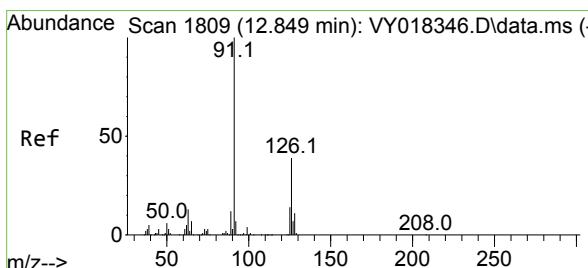
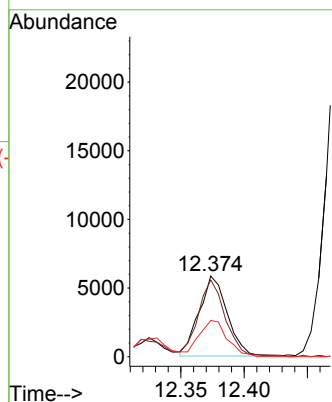
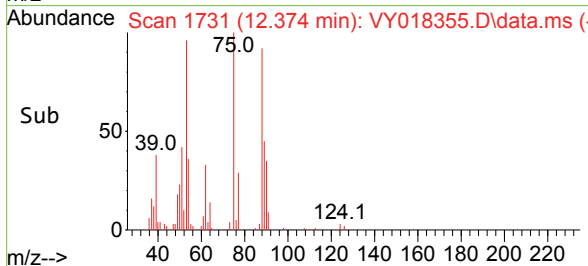


#81  
trans-1,4-Dichloro-2-butene  
Concen: 19.663 ug/l  
RT: 12.374 min Scan# 1731  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

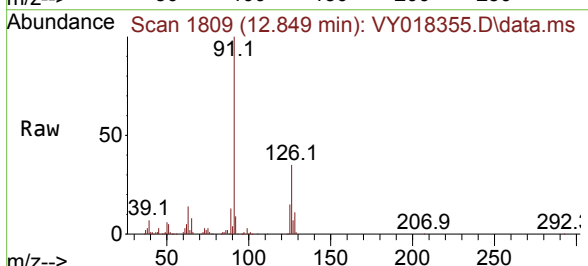
Instrument :  
MSVOA\_Y  
ClientSampleId :



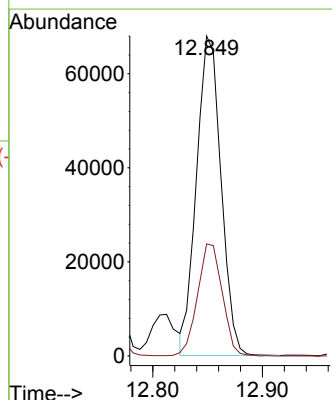
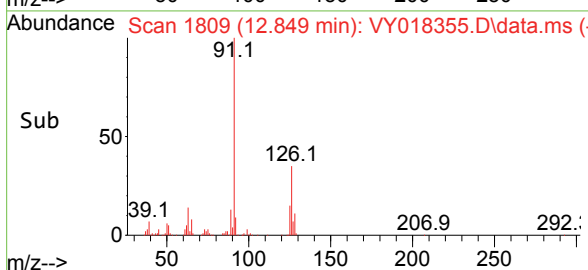
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 94.7  | 66.8  | 100.2 |
| 89      | 44.6  | 35.8  | 53.6  |

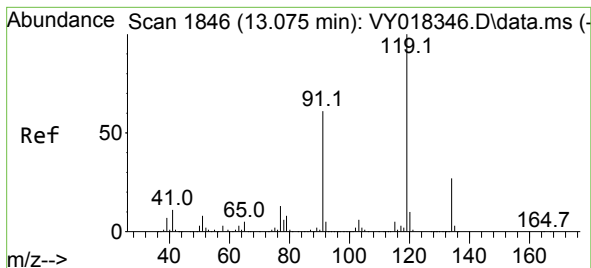


#82  
4-Chlorotoluene  
Concen: 19.538 ug/l  
RT: 12.849 min Scan# 1809  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50



| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 35.4  | 17.6  | 52.9  |





#83

tert-Butylbenzene

Concen: 20.273 ug/l

RT: 13.069 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

Instrument :

MSVOA\_Y

ClientSampleId :

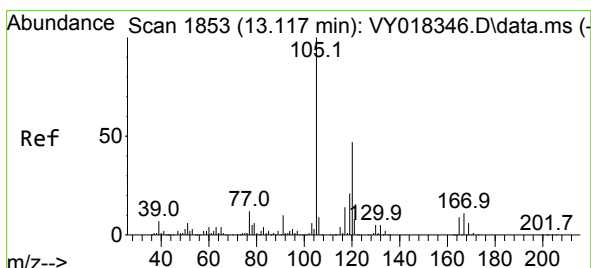
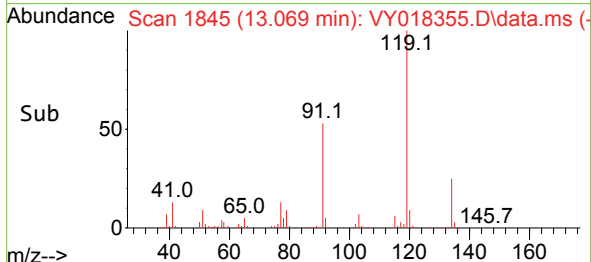
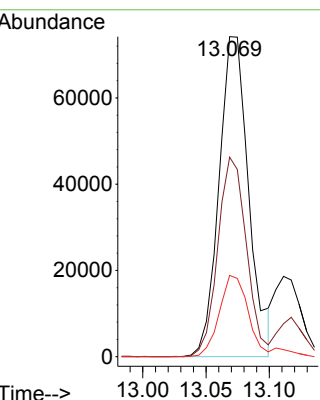
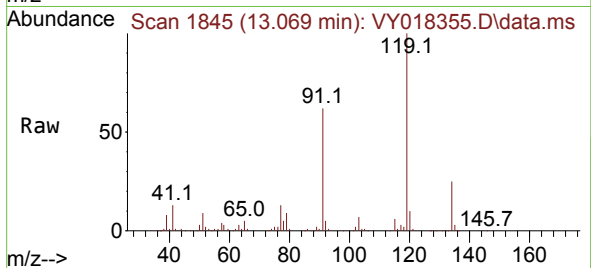
Tgt Ion:119 Resp: 121268

Ion Ratio Lower Upper

119 100

91 60.1 31.3 93.8

134 24.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.703 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018355.D

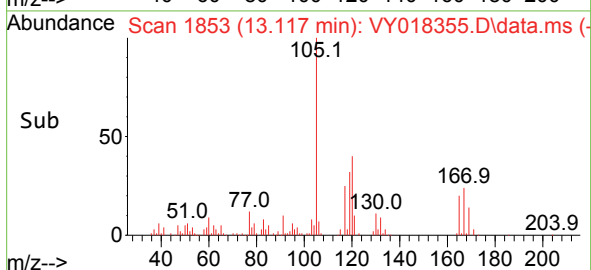
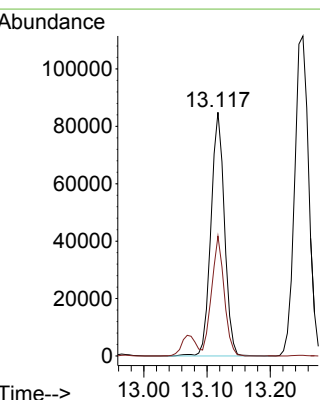
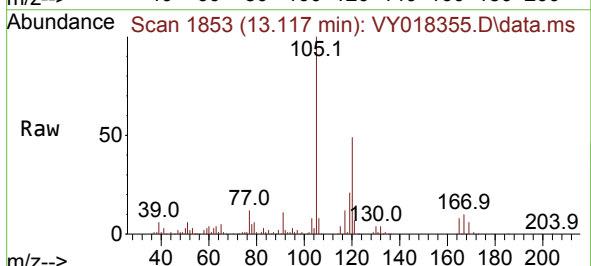
Acq: 23 May 2024 11:50

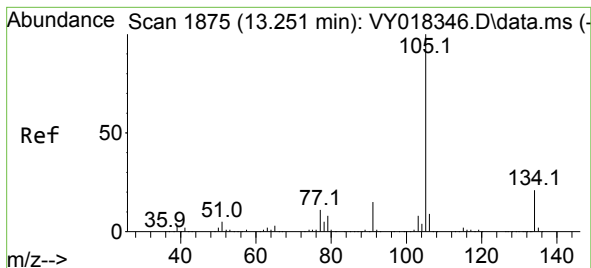
Tgt Ion:105 Resp: 125389

Ion Ratio Lower Upper

105 100

120 45.6 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.389 ug/l

RT: 13.252 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

Instrument :

MSVOA\_Y

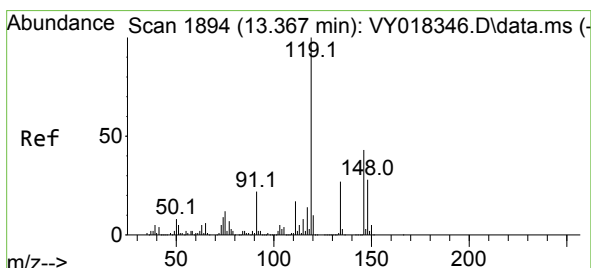
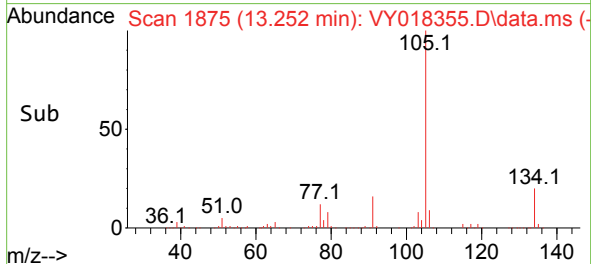
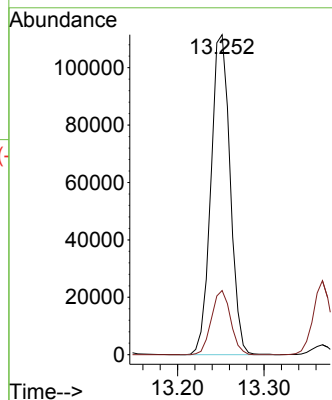
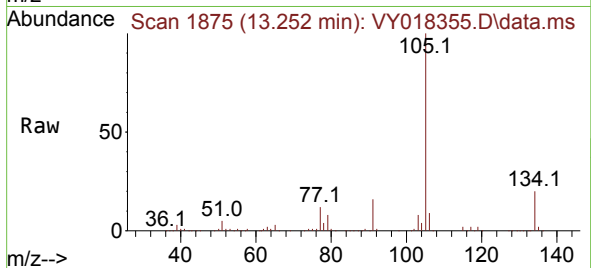
ClientSampleId :

Tgt Ion:105 Resp: 171529

Ion Ratio Lower Upper

105 100

134 20.0 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.582 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

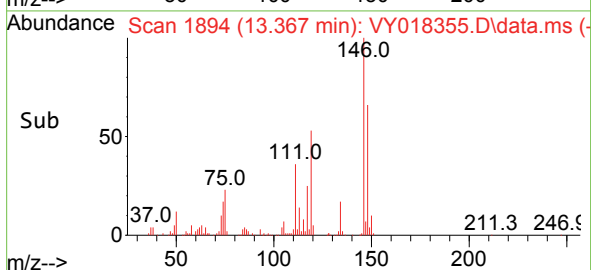
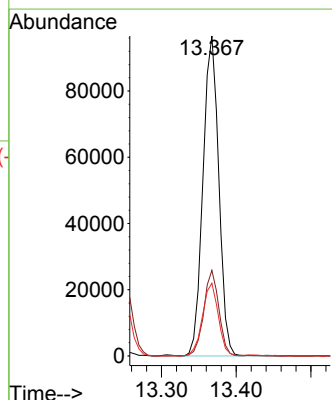
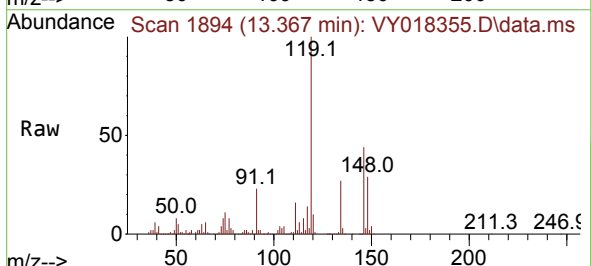
Tgt Ion:119 Resp: 141693

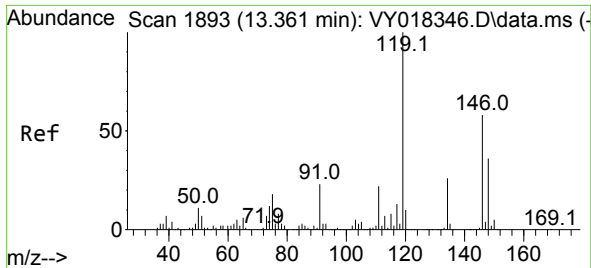
Ion Ratio Lower Upper

119 100

134 25.6 13.1 39.3

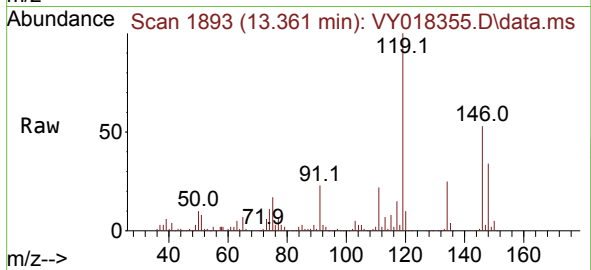
91 22.9 10.7 32.1



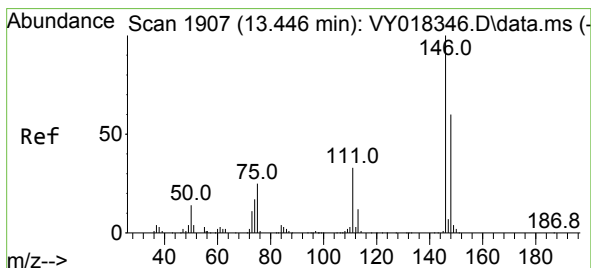
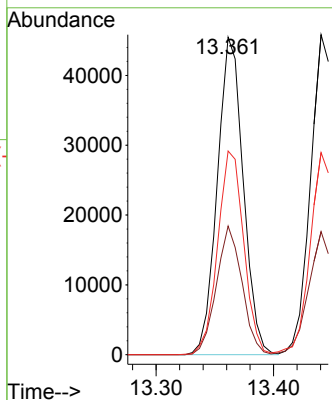
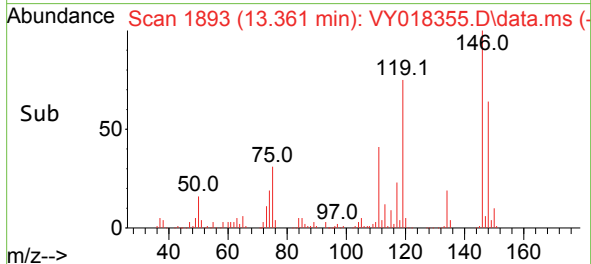


#87  
1,3-Dichlorobenzene  
Concen: 19.675 ug/l  
RT: 13.361 min Scan# 1893  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

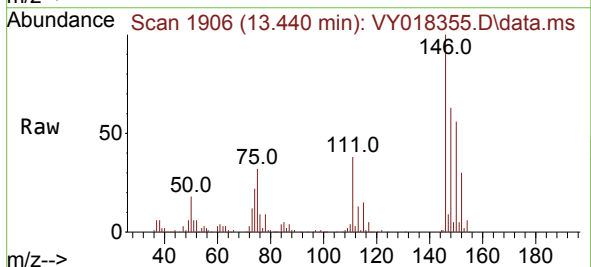
Instrument :  
MSVOA\_Y  
ClientSampleId :



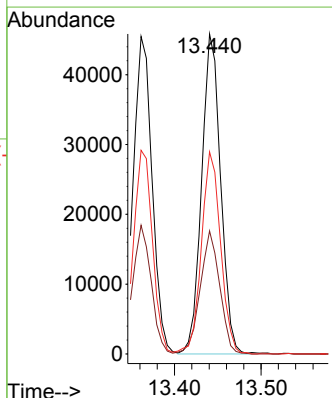
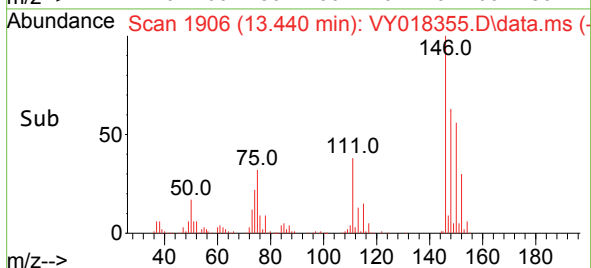
Tgt Ion:146 Resp: 69874  
Ion Ratio Lower Upper  
146 100  
111 39.9 19.0 57.0  
148 64.4 31.7 95.1



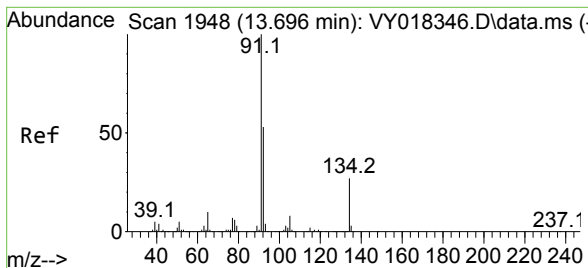
#88  
1,4-Dichlorobenzene  
Concen: 19.807 ug/l  
RT: 13.440 min Scan# 1906  
Delta R.T. -0.006 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50



Tgt Ion:146 Resp: 70014  
Ion Ratio Lower Upper  
146 100  
111 39.4 18.4 55.4  
148 63.7 32.4 97.2



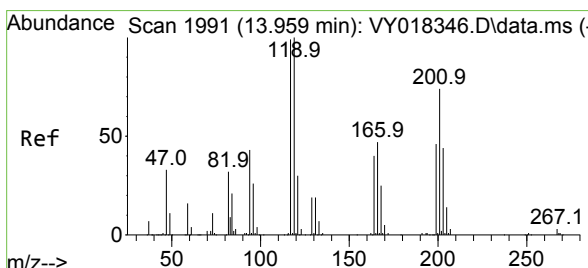
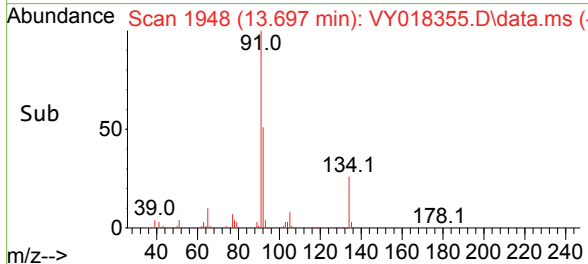
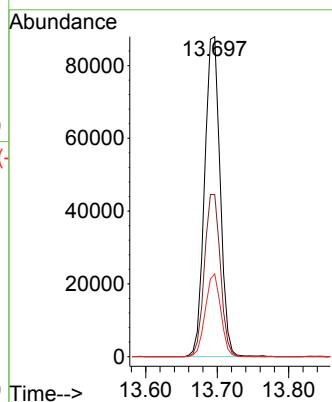
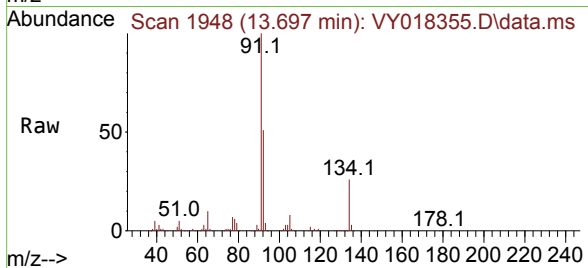




#89  
n-Butylbenzene  
Concen: 19.500 ug/l  
RT: 13.697 min Scan# 1948  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

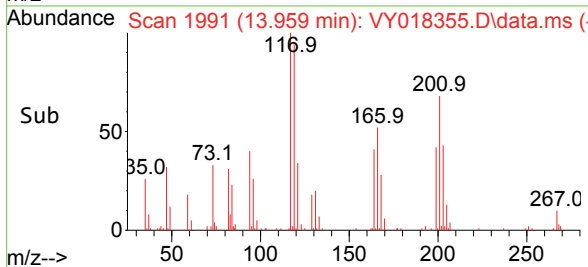
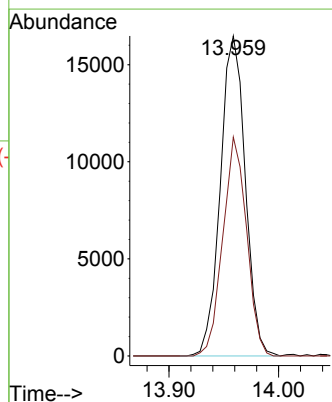
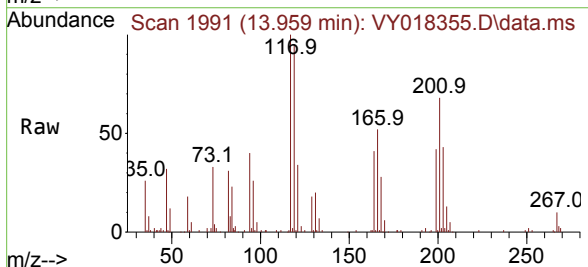
Instrument :  
MSVOA\_Y  
ClientSampleId :

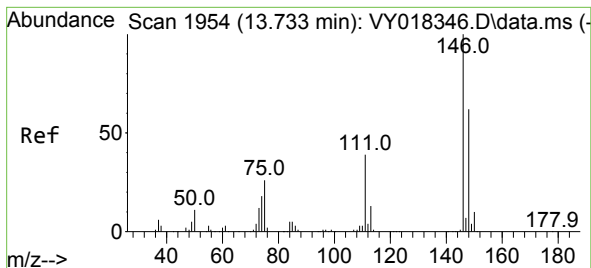
Tgt Ion: 91 Resp: 132600  
Ion Ratio Lower Upper  
91 100  
92 52.0 26.6 79.7  
134 25.8 12.9 38.7



#90  
Hexachloroethane  
Concen: 19.511 ug/l  
RT: 13.959 min Scan# 1991  
Delta R.T. 0.000 min  
Lab File: VY018355.D  
Acq: 23 May 2024 11:50

Tgt Ion: 117 Resp: 26072  
Ion Ratio Lower Upper  
117 100  
201 65.1 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 20.065 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

Instrument :

MSVOA\_Y

ClientSampleId :

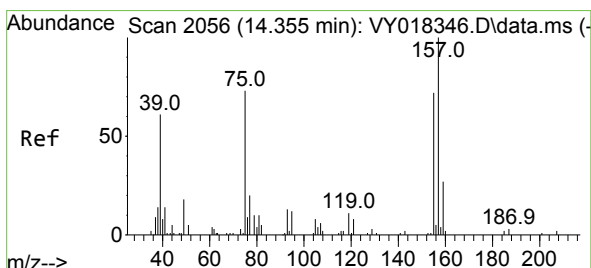
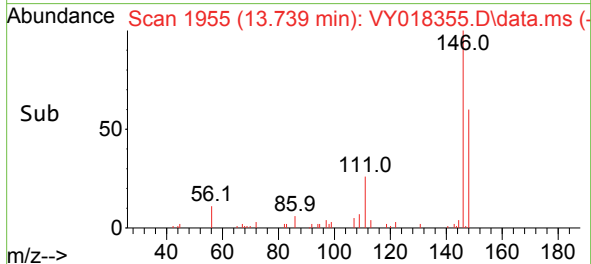
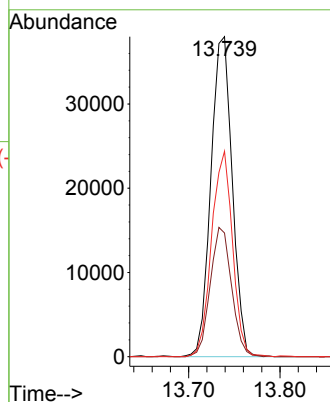
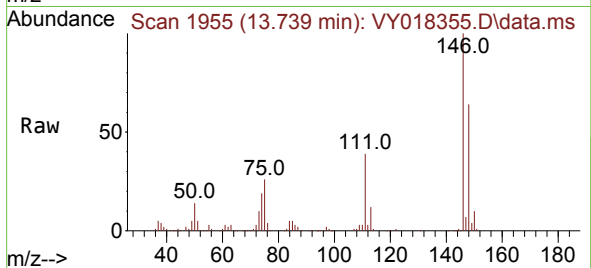
Tgt Ion:146 Resp: 61833

Ion Ratio Lower Upper

146 100

111 40.4 19.9 59.7

148 63.0 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.551 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

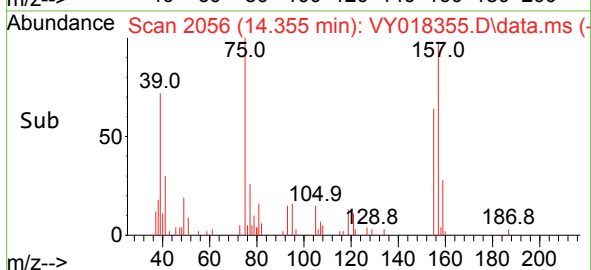
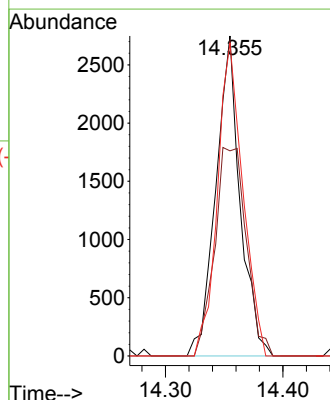
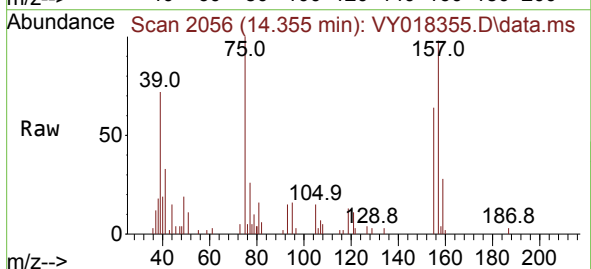
Tgt Ion: 75 Resp: 3955

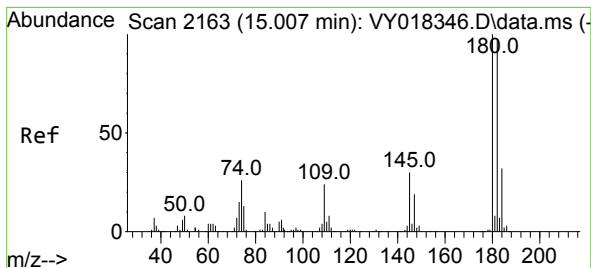
Ion Ratio Lower Upper

75 100

155 84.7 48.6 145.8

157 102.1 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.318 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

Instrument :

MSVOA\_Y

ClientSampleId :

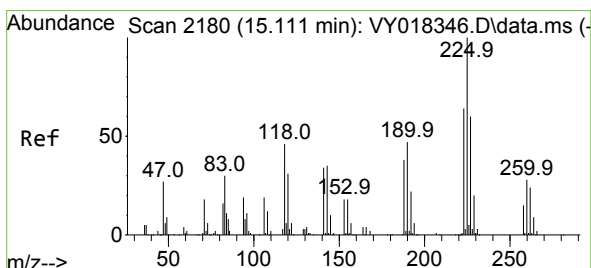
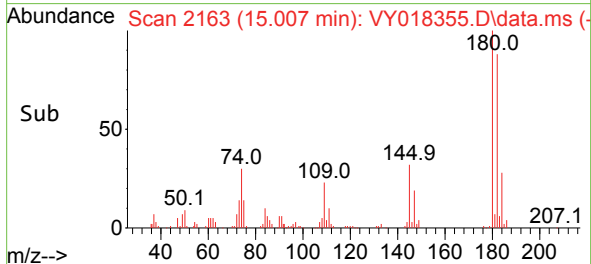
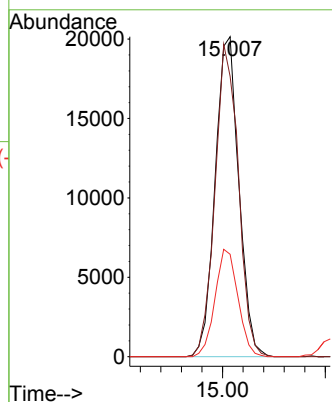
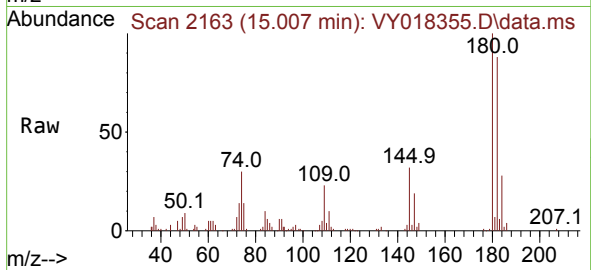
Tgt Ion:180 Resp: 32155

Ion Ratio Lower Upper

180 100

182 96.3 47.9 143.8

145 32.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.329 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

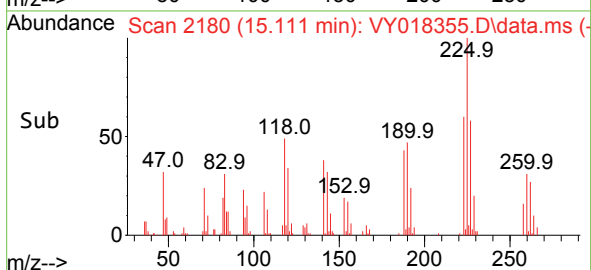
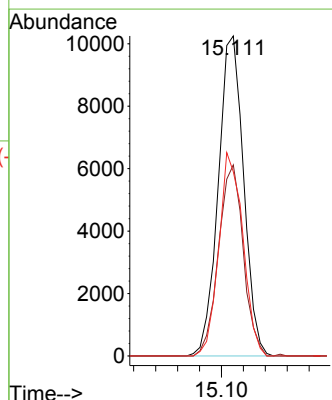
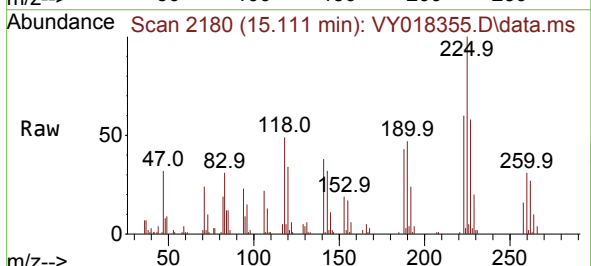
Tgt Ion:225 Resp: 16465

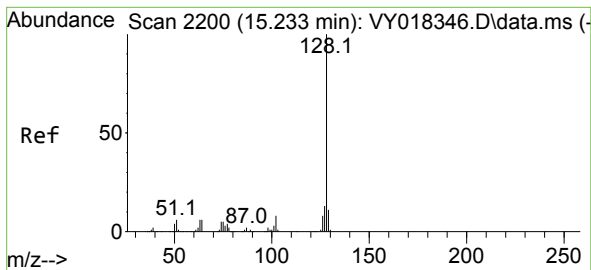
Ion Ratio Lower Upper

225 100

223 58.4 30.4 91.2

227 60.3 31.9 95.9





#95

Naphthalene

Concen: 18.524 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

Instrument :

MSVOA\_Y

ClientSampleId :

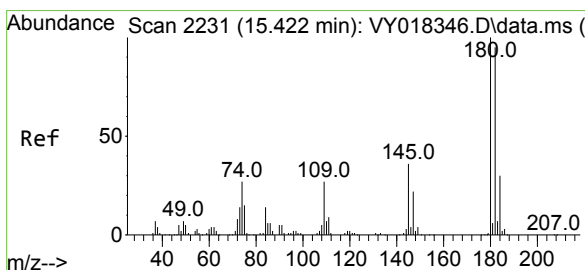
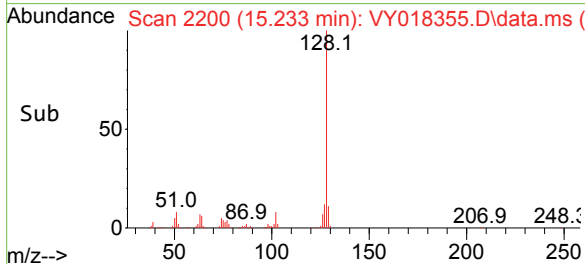
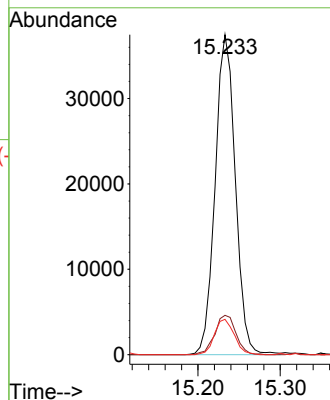
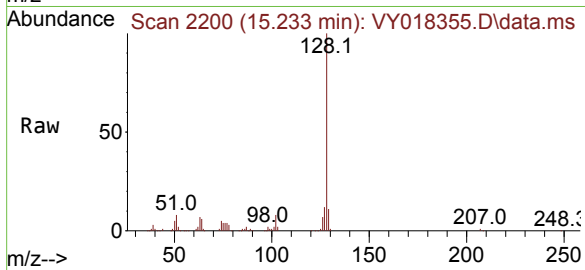
Tgt Ion:128 Resp: 63942

Ion Ratio Lower Upper

128 100

127 13.0 10.6 16.0

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 17.732 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018355.D

Acq: 23 May 2024 11:50

Tgt Ion:180 Resp: 26463

Ion Ratio Lower Upper

180 100

182 96.7 47.6 142.9

145 35.4 15.4 46.1

