

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY071420\  
 Data File : VY003189.D  
 Acq On : 14 Jul 2020 12:33  
 Operator : SY/MD  
 Sample : VY0714SBS01  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0714SBS01

Quant Time: Jul 15 04:46:19 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y071020S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 10 13:18:03 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.80  | 168  | 457587   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.69  | 114  | 672662   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 608923   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152  | 327209   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.15   | 65  | 197029   | 51.01 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.02% |      |
| 35) Dibromofluoromethane  | 7.72   | 113 | 187377   | 48.41 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.82%  |      |
| 50) Toluene-d8            | 10.18  | 98  | 699792   | 48.62 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 97.24%  |      |
| 62) 4-Bromofluorobenzene  | 12.48  | 95  | 250241   | 48.13 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.26%  |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.91 | 85  | 75811  | 23.115  | ug/l   | 99     |
| 3) Chloromethane              | 2.12 | 50  | 102991 | 22.640  | ug/l   | 96     |
| 4) Vinyl Chloride             | 2.26 | 62  | 102991 | 22.065  | ug/l   | 96     |
| 5) Bromomethane               | 2.65 | 94  | 78094  | 22.526  | ug/l   | 95     |
| 6) Chloroethane               | 2.79 | 64  | 65375  | 21.325  | ug/l   | 98     |
| 7) Trichlorofluoromethane     | 3.13 | 101 | 146204 | 21.934  | ug/l   | 97     |
| 8) Diethyl Ether              | 3.54 | 74  | 48722  | 21.813  | ug/l   | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.90 | 101 | 88387  | 21.955  | ug/l   | 98     |
| 10) Methyl Iodide             | 4.10 | 142 | 86772  | 19.839  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 4.97 | 59  | 44426  | 106.377 | ug/l   | 96     |
| 12) 1,1-Dichloroethene        | 3.88 | 96  | 82847  | 21.758  | ug/l   | 94     |
| 13) Acrolein                  | 3.73 | 56  | 35866  | 98.944  | ug/l   | 98     |
| 14) Allyl chloride            | 4.49 | 41  | 130339 | 23.069  | ug/l   | 99     |
| 15) Acrylonitrile             | 5.18 | 53  | 117405 | 109.423 | ug/l   | 100    |
| 16) Acetone                   | 3.95 | 43  | 95232  | 110.388 | ug/l   | 95     |
| 17) Carbon Disulfide          | 4.20 | 76  | 255166 | 21.838  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.49 | 43  | 54950  | 22.936  | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 5.23 | 73  | 230115 | 21.565  | ug/l   | 99     |
| 20) Methylene Chloride        | 4.72 | 84  | 111065 | 22.573  | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene  | 5.23 | 96  | 92253  | 21.420  | ug/l   | 96     |
| 22) Diisopropyl ether         | 6.13 | 45  | 286405 | 22.840  | ug/l   | 96     |
| 23) Vinyl Acetate             | 6.07 | 43  | 927190 | 110.936 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 6.03 | 63  | 160302 | 22.066  | ug/l   | 98     |
| 25) 2-Butanone                | 7.00 | 43  | 154124 | 108.808 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 6.99 | 77  | 144157 | 22.034  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 6.99 | 96  | 102394 | 21.594  | ug/l   | 97     |
| 28) Bromochloromethane        | 7.34 | 49  | 72545  | 23.065  | ug/l   | 98     |
| 29) Tetrahydrofuran           | 7.35 | 42  | 103482 | 108.750 | ug/l   | 98     |
| 30) Chloroform                | 7.52 | 83  | 162713 | 21.746  | ug/l   | 97     |
| 31) Cyclohexane               | 7.79 | 56  | 153183 | 21.806  | ug/l # | 95     |
| 32) 1,1,1-Trichloroethane     | 7.71 | 97  | 145904 | 21.660  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 7.93 | 75  | 127200 | 20.864  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.08 | 43  | 73206  | 22.297  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 7.91 | 117 | 131392 | 20.876  | ug/l   | 100    |

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 Operator : SY/MD  
 Sample : VY0714SBSD01  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0714SBSD01

Quant Time: Jul 15 04:46:19 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y071020S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jul 10 13:18:03 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 9.19  | 83   | 160834   | 21.000  | ug/l  | 95       |
| 40) Benzene                    | 8.17  | 78   | 358902   | 21.380  | ug/l  | 99       |
| 41) Methacrylonitrile          | 7.33  | 41   | 42066m   | 21.274  | ug/l  |          |
| 42) 1,2-Dichloroethane         | 8.24  | 62   | 109619   | 21.211  | ug/l  | 99       |
| 43) Isopropyl Acetate          | 8.28  | 43   | 134127   | 21.106  | ug/l  | 98       |
| 44) Trichloroethene            | 8.94  | 130  | 103534   | 20.119  | ug/l  | 98       |
| 45) 1,2-Dichloropropane        | 9.22  | 63   | 93531    | 21.533  | ug/l  | 99       |
| 46) Dibromomethane             | 9.31  | 93   | 52807    | 20.815  | ug/l  | 100      |
| 47) Bromodichloromethane       | 9.50  | 83   | 127874   | 21.193  | ug/l  | 100      |
| 48) Methyl methacrylate        | 9.30  | 41   | 60418    | 21.266  | ug/l  | 98       |
| 49) 1,4-Dioxane                | 9.30  | 88   | 13053    | 405.395 | ug/l  | 94       |
| 51) 4-Methyl-2-Pentanone       | 10.07 | 43   | 357609   | 108.263 | ug/l  | 97       |
| 52) Toluene                    | 10.24 | 92   | 226766   | 21.135  | ug/l  | 100      |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 132803   | 21.243  | ug/l  | 98       |
| 54) cis-1,3-Dichloropropene    | 9.93  | 75   | 152104   | 21.117  | ug/l  | 98       |
| 55) 1,1,2-Trichloroethane      | 10.64 | 97   | 75480    | 20.996  | ug/l  | 95       |
| 56) Ethyl methacrylate         | 10.51 | 69   | 102872   | 21.048  | ug/l  | 99       |
| 57) 1,3-Dichloropropane        | 10.79 | 76   | 128113   | 21.018  | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.78  | 63   | 261221   | 104.798 | ug/l  | 98       |
| 59) 2-Hexanone                 | 10.83 | 43   | 244781   | 106.157 | ug/l  | 99       |
| 60) Dibromochloromethane       | 10.99 | 129  | 94806    | 20.967  | ug/l  | 98       |
| 61) 1,2-Dibromoethane          | 11.09 | 107  | 71509    | 20.154  | ug/l  | 99       |
| 64) Tetrachloroethene          | 10.72 | 164  | 112224   | 20.670  | ug/l  | 97       |
| 65) Chlorobenzene              | 11.52 | 112  | 247336   | 21.085  | ug/l  | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.59 | 131  | 95042    | 20.861  | ug/l  | 99       |
| 67) Ethyl Benzene              | 11.60 | 91   | 446125   | 21.300  | ug/l  | 99       |
| 68) m/p-Xylenes                | 11.70 | 106  | 335246   | 42.185  | ug/l  | 98       |
| 69) o-Xylene                   | 12.03 | 106  | 159028   | 21.420  | ug/l  | 99       |
| 70) Styrene                    | 12.05 | 104  | 268535   | 21.144  | ug/l  | 98       |
| 71) Bromoform                  | 12.20 | 173  | 61977    | 20.726  | ug/l  | 100      |
| 73) Isopropylbenzene           | 12.33 | 105  | 435361   | 20.879  | ug/l  | 100      |
| 74) N-amyl acetate             | 12.14 | 43   | 126383   | 21.601  | ug/l  | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.58 | 83   | 84721    | 21.037  | ug/l  | 100      |
| 76) 1,2,3-Trichloropropane     | 12.63 | 75   | 60541m   | 20.902  | ug/l  |          |
| 77) Bromobenzene               | 12.61 | 156  | 111460   | 20.970  | ug/l  | 99       |
| 78) n-propylbenzene            | 12.67 | 91   | 524439   | 21.337  | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 12.75 | 91   | 288807   | 21.060  | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 367268   | 21.133  | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 31082    | 20.885  | ug/l  | 96       |
| 82) 4-Chlorotoluene            | 12.85 | 91   | 307320   | 21.470  | ug/l  | 98       |
| 83) tert-Butylbenzene          | 13.08 | 119  | 324900   | 21.187  | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.12 | 105  | 372144   | 21.282  | ug/l  | 99       |
| 85) sec-Butylbenzene           | 13.25 | 105  | 450477   | 21.373  | ug/l  | 99       |
| 86) p-Isopropyltoluene         | 13.37 | 119  | 414411   | 21.058  | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene        | 13.36 | 146  | 211033   | 20.996  | ug/l  | 98       |
| 88) 1,4-Dichlorobenzene        | 13.44 | 146  | 210184   | 21.121  | ug/l  | 99       |
| 89) n-Butylbenzene             | 13.69 | 91   | 395640   | 21.373  | ug/l  | 100      |
| 90) Hexachloroethane           | 13.96 | 117  | 77684    | 21.676  | ug/l  | 99       |
| 91) 1,2-Dichlorobenzene        | 13.74 | 146  | 187446   | 21.251  | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 13373    | 20.482  | ug/l  | 92       |

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Acq On : 14 Jul 2020 12:33  
Operator : SY/MD  
Sample : VY0714SBSD01  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0714SBSD01

Quant Time: Jul 15 04:46:19 2020  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y071020S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 10 13:18:03 2020  
Response via : Initial Calibration

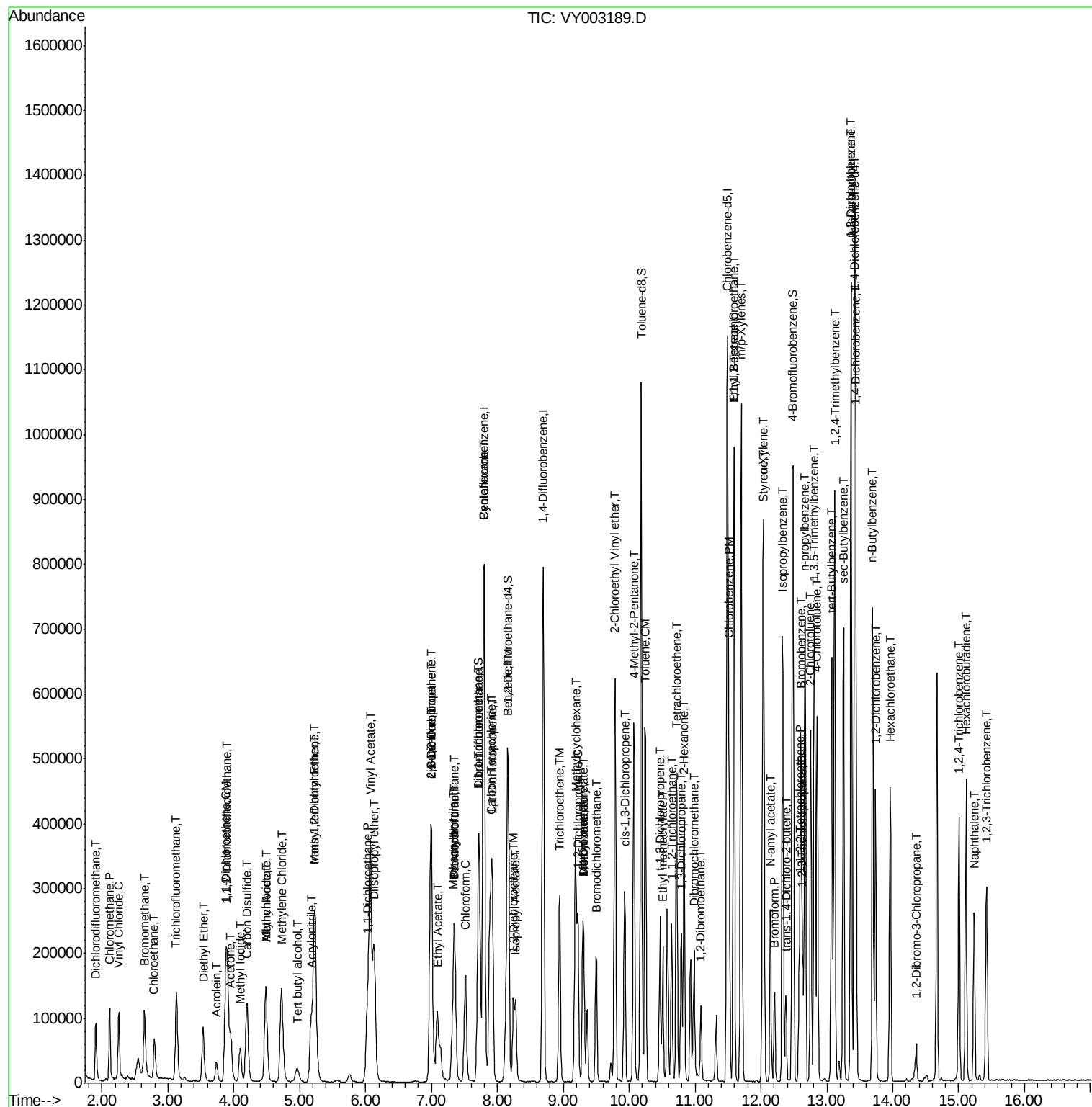
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.00 | 180  | 131919   | 21.022 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.11 | 225  | 93637    | 21.777 | ug/l  | 99       |
| 95) Naphthalene            | 15.23 | 128  | 209208   | 20.173 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180  | 102047   | 20.572 | ug/l  | 98       |

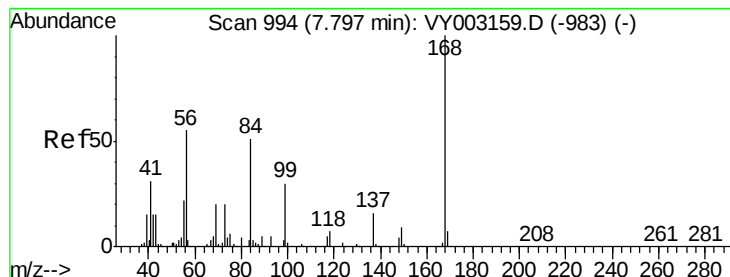
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY071420\  
Data File : VY003189.D  
Acq On : 14 Jul 2020 12:33  
Operator : SY/MD  
Sample : VY0714SBSD01  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0714SBSD01

Quant Time: Jul 15 04:46:19 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y071020S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jul 10 13:18:03 2020  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA\_Y

ClientSampleId :

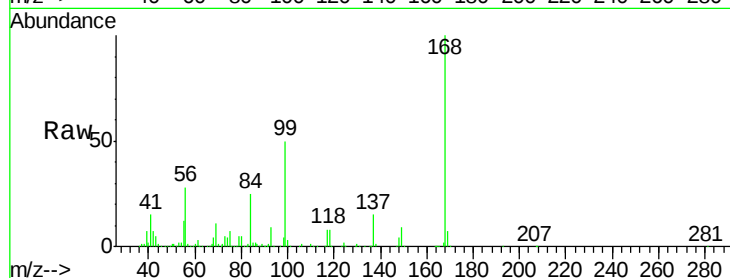
VY0714SBS01

Tot Ion:168 Resp: 457587

Ion Ratio Lower Upper

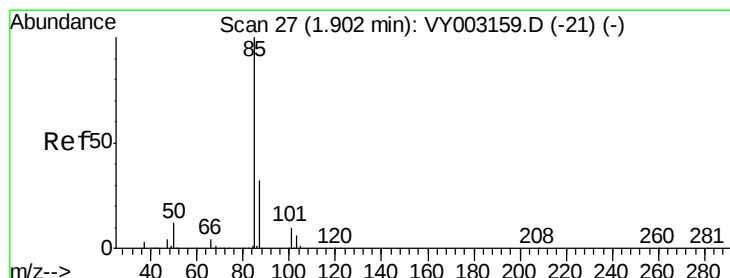
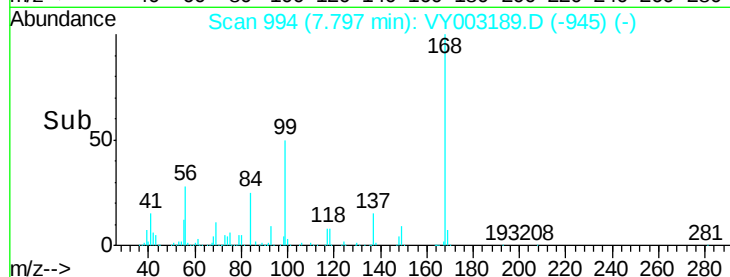
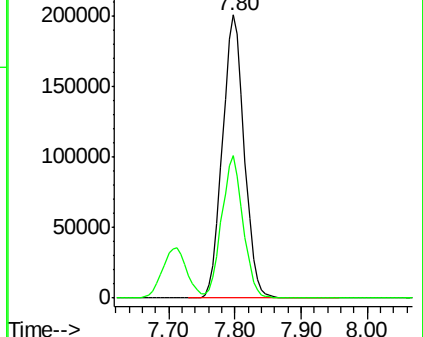
168 100

99 50.4 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#2

Dichlorodifluoromethane

Concen: 23.115 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY003189.D

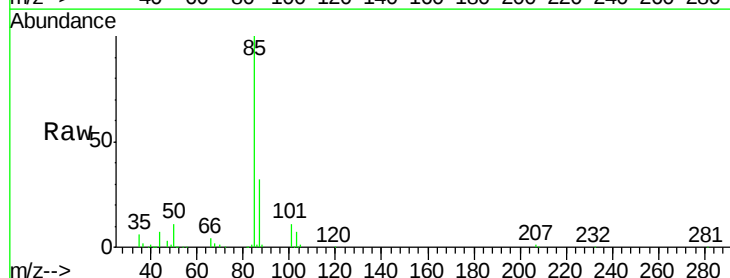
Acq: 14 Jul 2020 12:33

Tgt Ion: 85 Resp: 75811

Ion Ratio Lower Upper

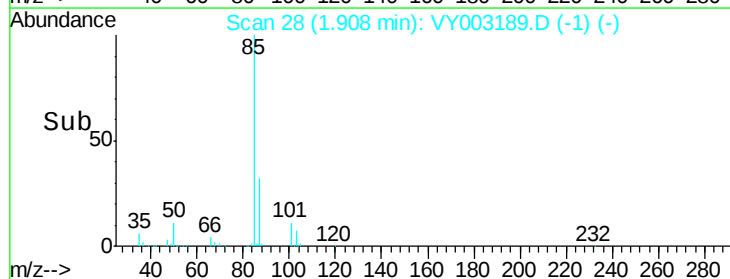
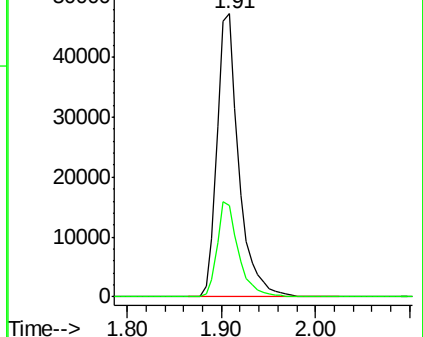
85 100

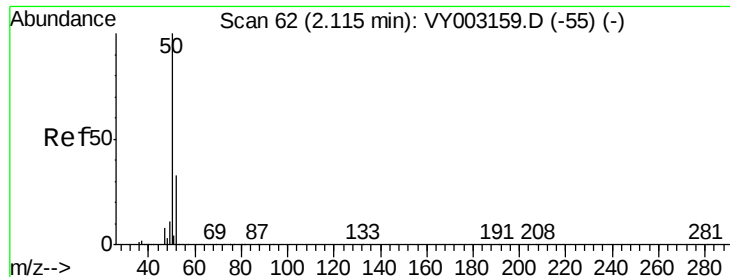
87 32.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VY0

Ion 86.90 (86.60 to 87.60): VY0

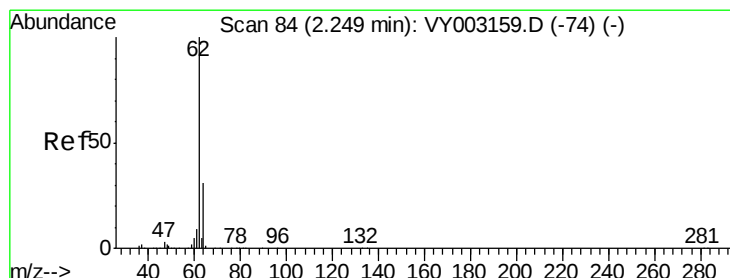
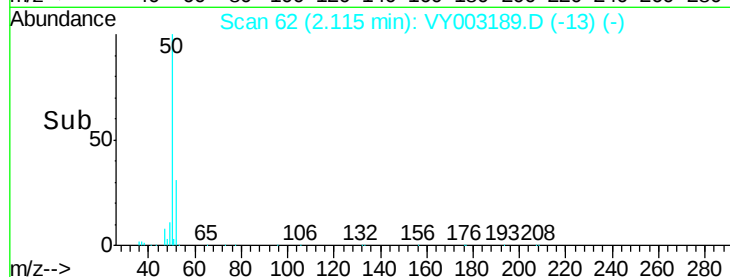
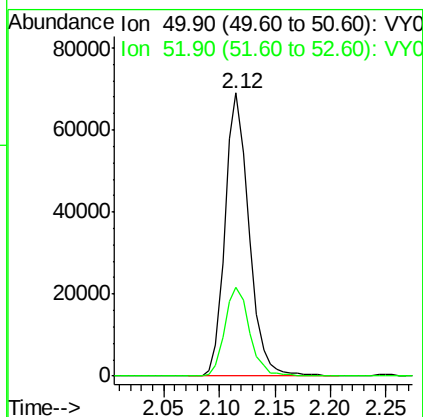
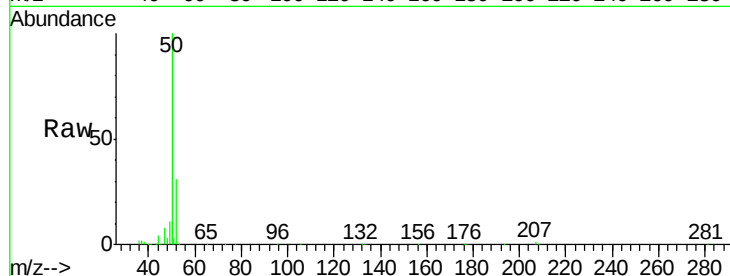




#3  
Chloromethane  
Concen: 22.640 ug/l  
RT: 2.12 min Scan# 62  
Delta R.T. 0.00 min  
Lab File: VY003189.D  
Acq: 14 Jul 2020 12:33

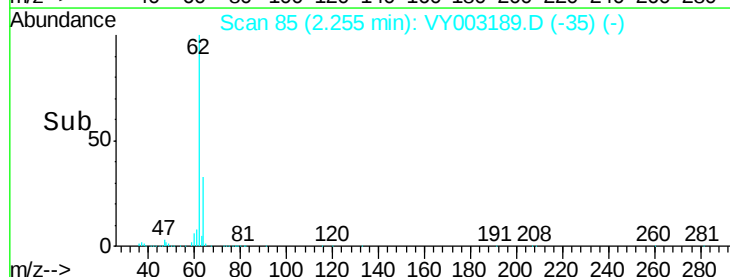
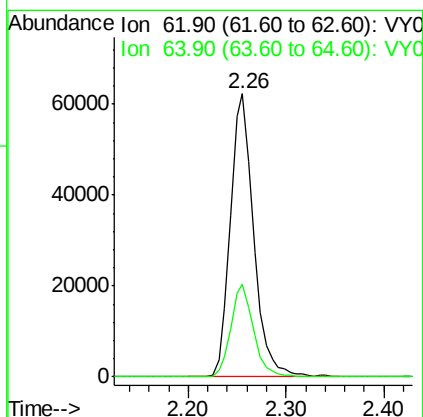
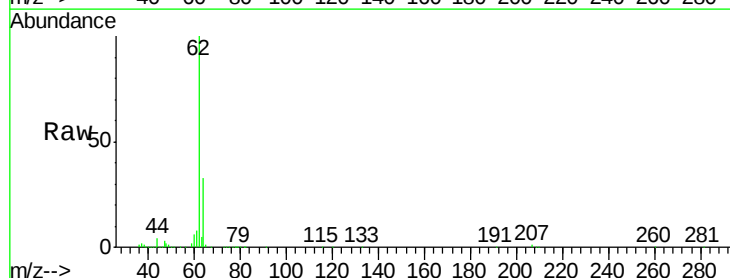
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0714SBSD01

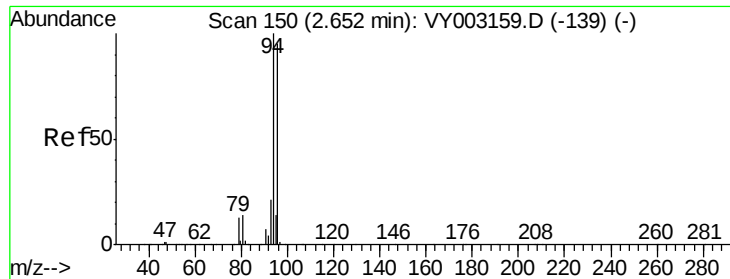
Tot Ion: 50 Resp: 102991  
Ion Ratio Lower Upper  
50 100  
52 31.2 26.6 39.8



#4  
Vinyl Chloride  
Concen: 22.065 ug/l  
RT: 2.26 min Scan# 85  
Delta R.T. 0.01 min  
Lab File: VY003189.D  
Acq: 14 Jul 2020 12:33

Tgt Ion: 62 Resp: 102991  
Ion Ratio Lower Upper  
62 100  
64 32.9 24.6 37.0





#5

Bromomethane

Concen: 22.526 ug/l

RT: 2.65 min Scan# 149

Delta R.T. -0.01 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA\_Y

ClientSampleId :

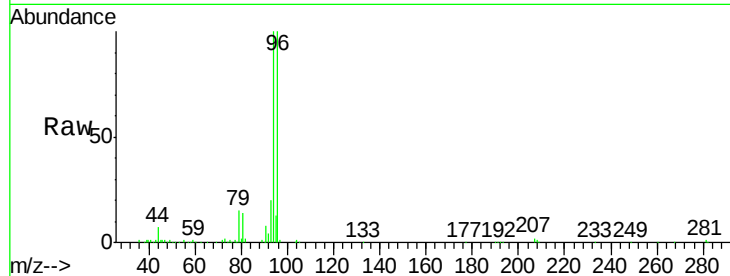
VY0714SBS01

Tot Ion: 94 Resp: 78094

Ion Ratio Lower Upper

94 100

96 99.9 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

2.65

40000

30000

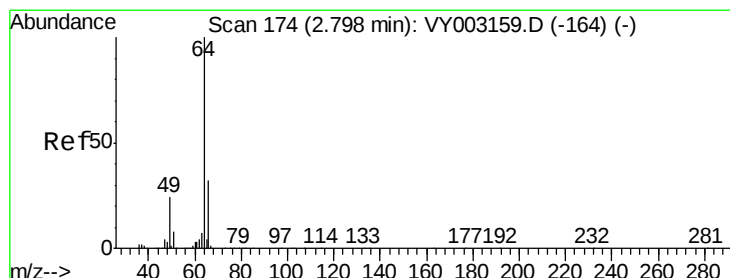
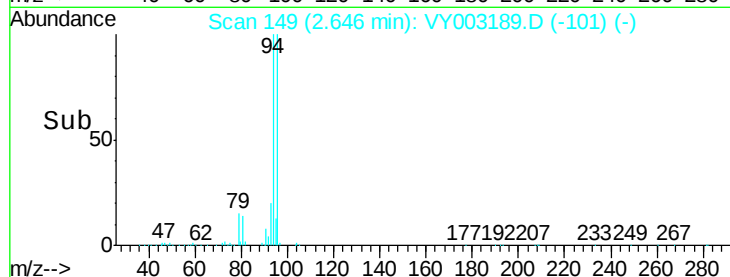
20000

10000

0

Time-->

2.60 2.70 2.80



#6

Chloroethane

Concen: 21.325 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.01 min

Lab File: VY003189.D

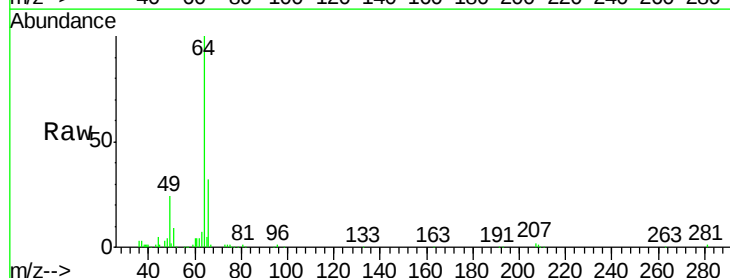
Acq: 14 Jul 2020 12:33

Tgt Ion: 64 Resp: 65375

Ion Ratio Lower Upper

64 100

66 31.5 26.0 39.0



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2.79

30000

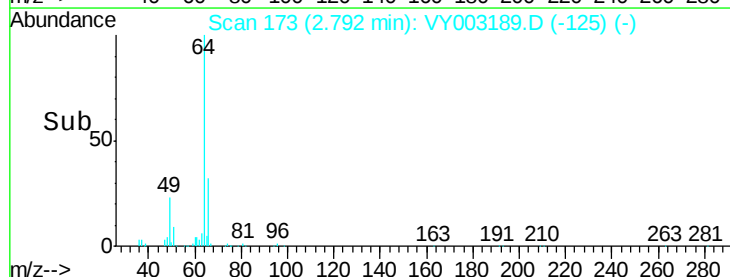
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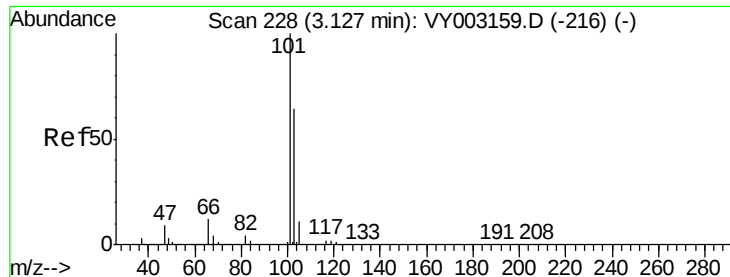
10000

0

Time-->

2.70 2.80 2.90



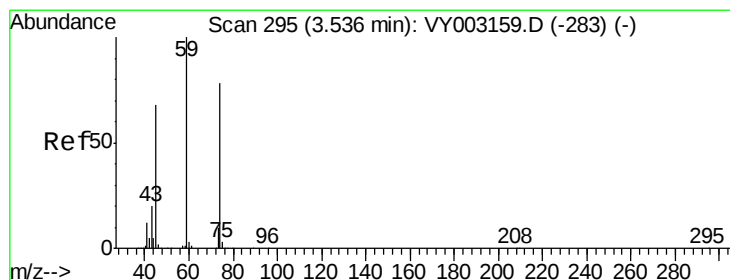
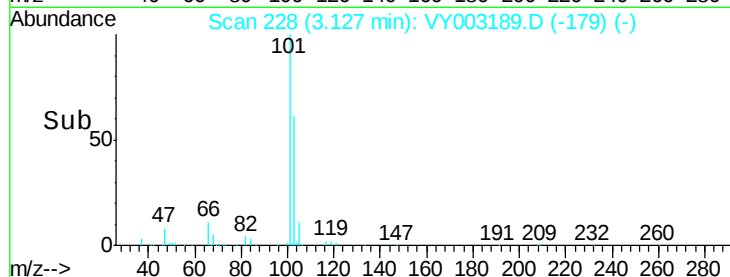
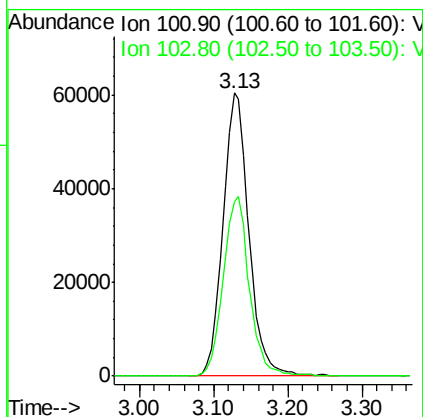
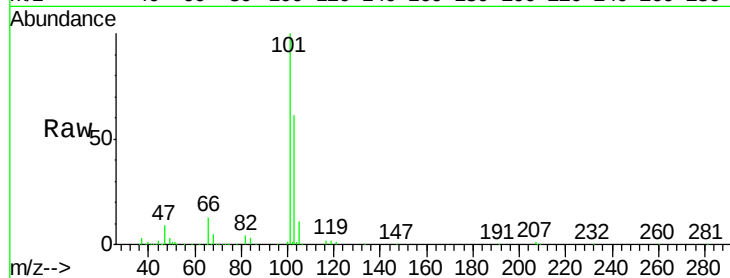


#7

Trichlorofluoromethane  
 Concen: 21.934 ug/l  
 RT: 3.13 min Scan# 228  
 Delta R.T. 0.00 min  
 Lab File: VY003189.D  
 Acq: 14 Jul 2020 12:33

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0714SBS01

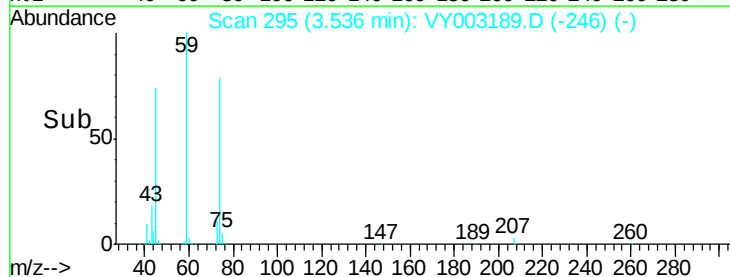
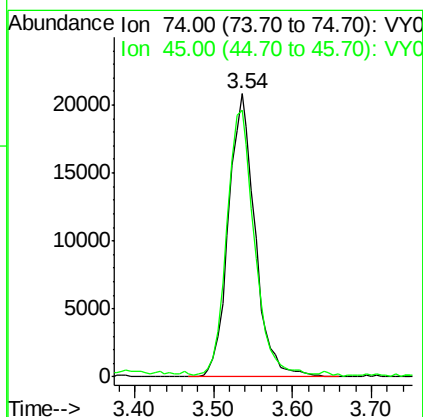
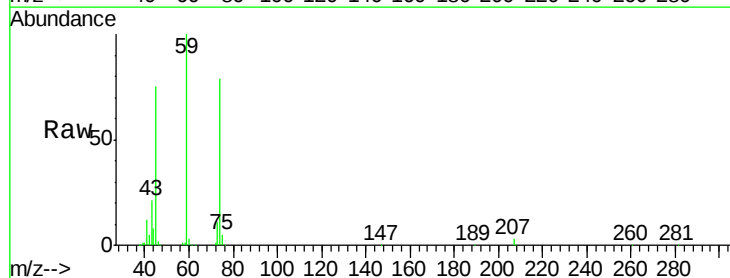
Tot Ion:101 Resp: 146204  
 Ion Ratio Lower Upper  
 101 100  
 103 61.5 51.3 76.9

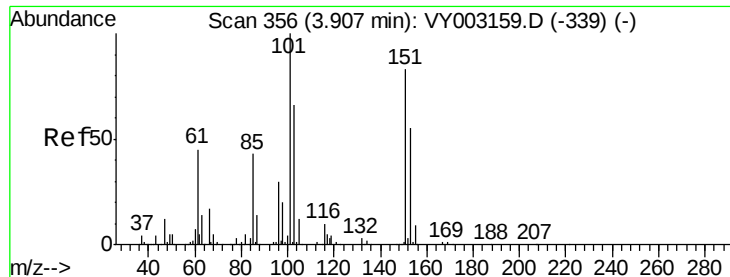


#8

Diethyl Ether  
 Concen: 21.813 ug/l  
 RT: 3.54 min Scan# 295  
 Delta R.T. 0.00 min  
 Lab File: VY003189.D  
 Acq: 14 Jul 2020 12:33

Tgt Ion: 74 Resp: 48722  
 Ion Ratio Lower Upper  
 74 100  
 45 96.6 45.3 135.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.955 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA\_Y

ClientSampleId :

VY0714SBSD01

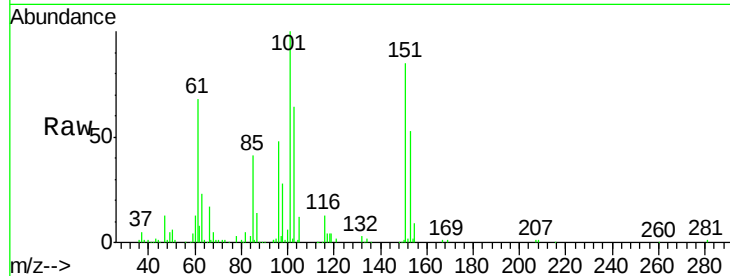
Tot Ion:101 Resp: 88387

Ion Ratio Lower Upper

101 100

85 43.5 34.9 52.3

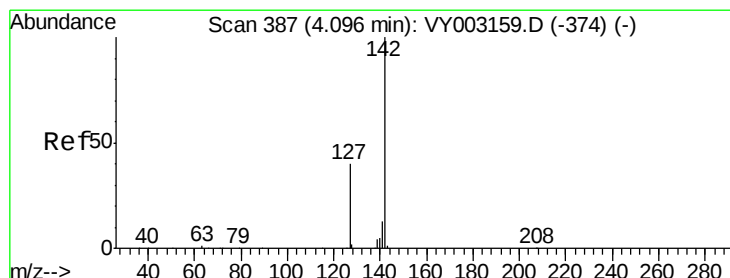
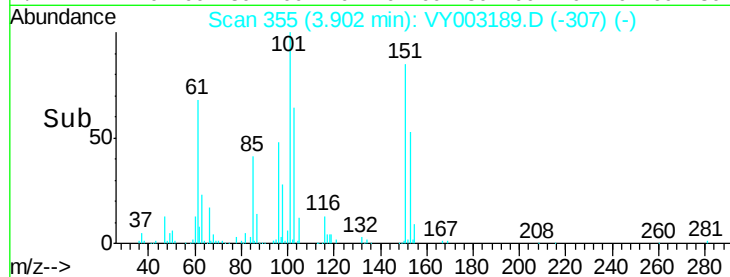
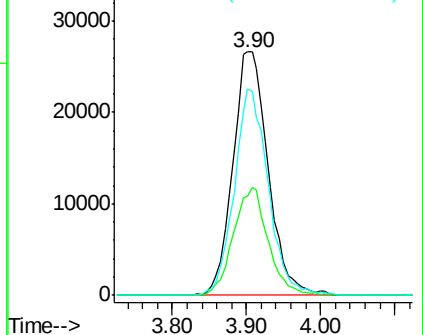
151 81.7 67.0 100.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VY0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 19.839 ug/l

RT: 4.10 min Scan# 387

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

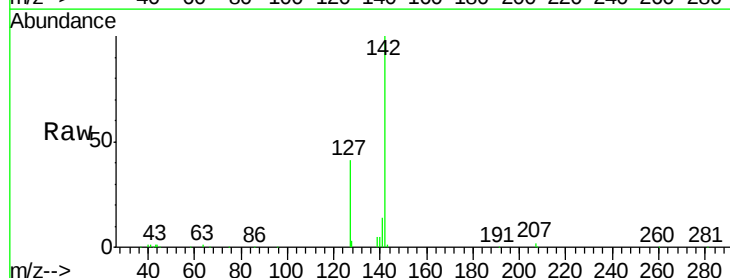
Tgt Ion:142 Resp: 86772

Ion Ratio Lower Upper

142 100

127 42.4 33.5 50.3

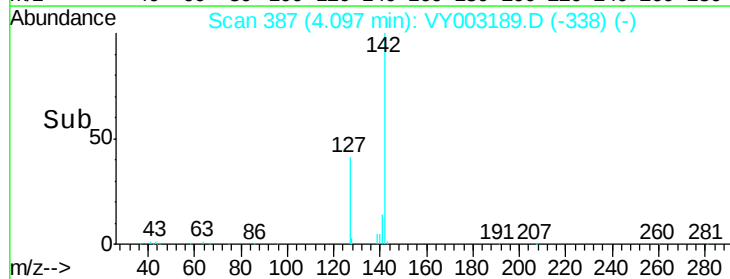
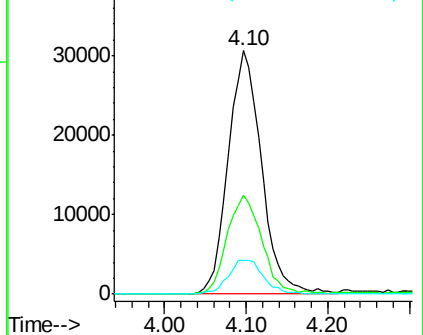
141 14.7 11.2 16.8

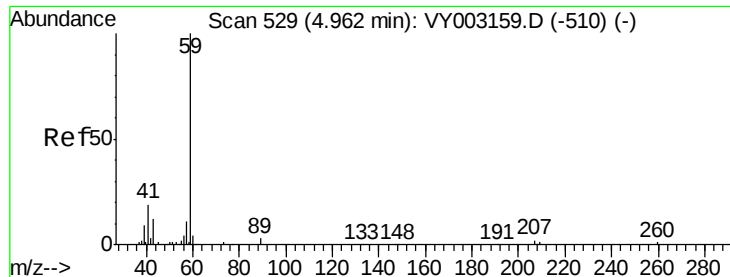


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

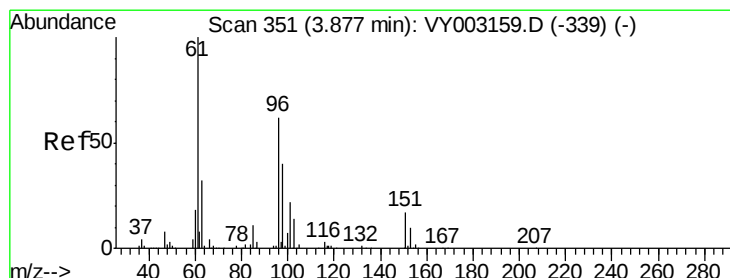
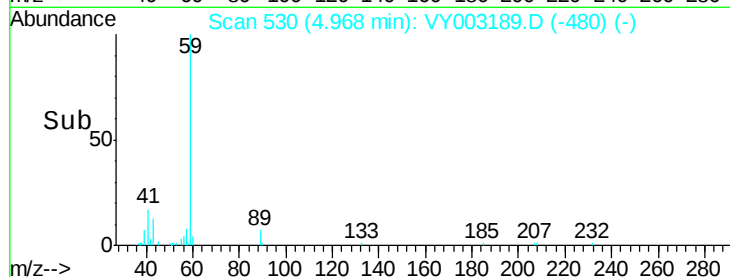
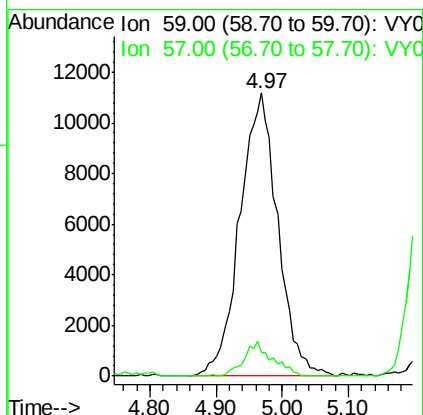
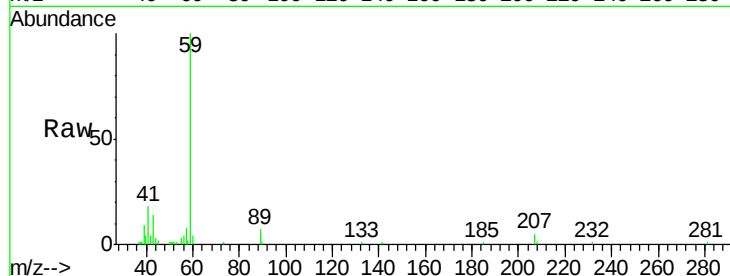




#11  
Tert butyl alcohol  
Concen: 106.377 ug/l  
RT: 4.97 min Scan# 530  
Delta R.T. 0.01 min  
Lab File: VY003189.D  
Acq: 14 Jul 2020 12:33

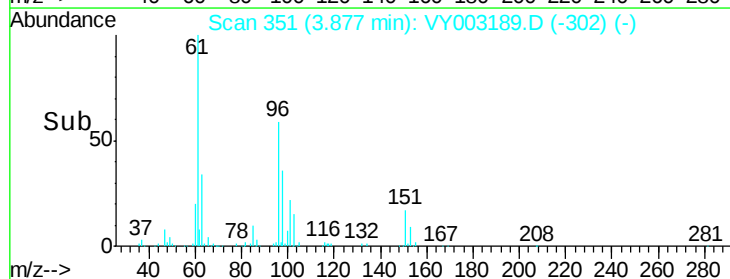
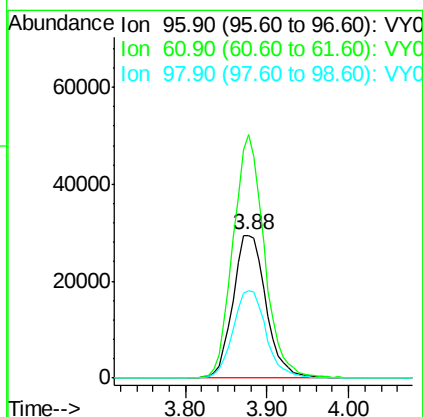
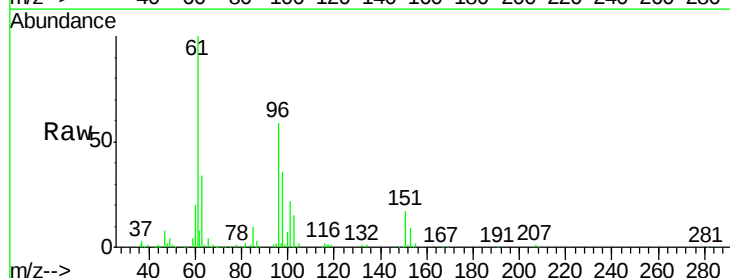
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0714SBS01

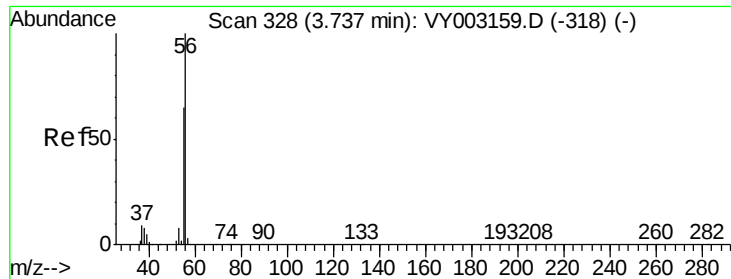
Tot Ion: 59 Resp: 44426  
Ion Ratio Lower Upper  
59 100  
57 9.1 8.4 12.6



#12  
1,1-Dichloroethene  
Concen: 21.758 ug/l  
RT: 3.88 min Scan# 351  
Delta R.T. 0.00 min  
Lab File: VY003189.D  
Acq: 14 Jul 2020 12:33

Tgt Ion: 96 Resp: 82847  
Ion Ratio Lower Upper  
96 100  
61 170.3 128.6 193.0  
98 61.0 51.6 77.4





#13

Acrolein

Concen: 98.944 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA\_Y

ClientSampleId :

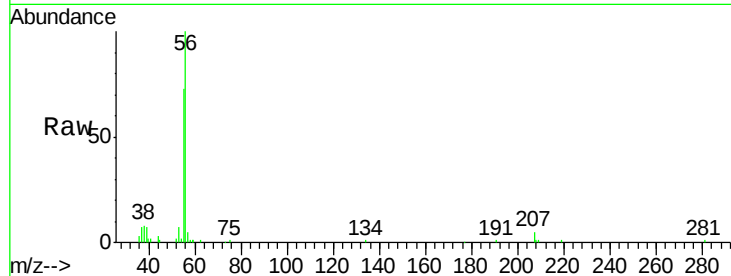
VY0714SBS01

Tot Ion: 56 Resp: 35866

Ion Ratio Lower Upper

56 100

55 71.9 56.0 84.0



Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

15000

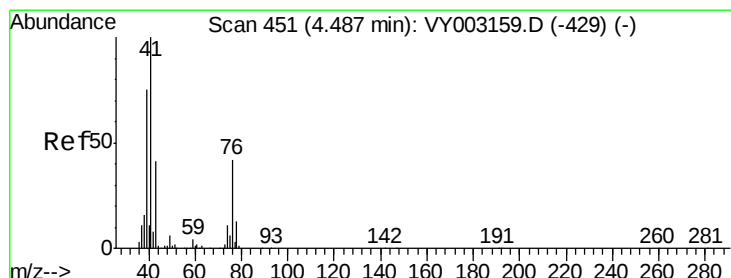
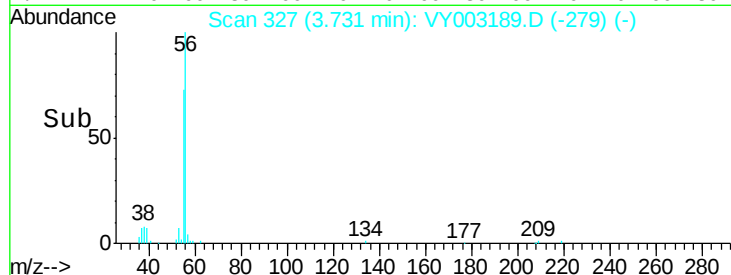
10000

5000

0

3.60 3.70 3.80

Time-->



#14

Allyl chloride

Concen: 23.069 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

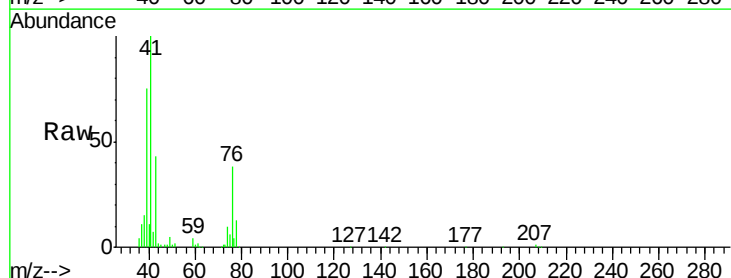
Tgt Ion: 41 Resp: 130339

Ion Ratio Lower Upper

41 100

39 70.0 56.6 85.0

76 38.2 31.6 47.4



Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0

50000

40000

30000

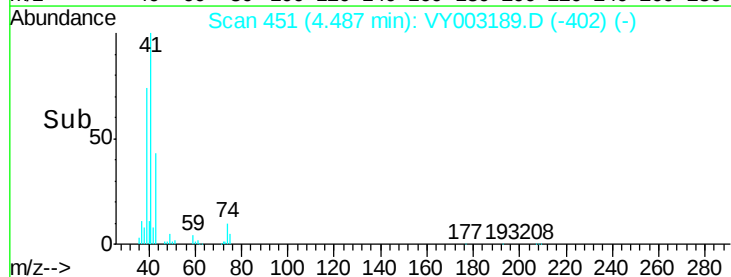
20000

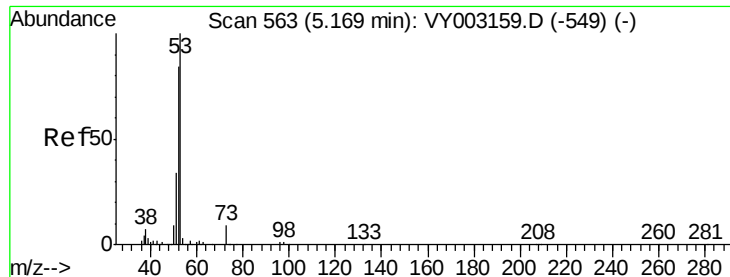
10000

0

4.30 4.40 4.50 4.60

Time-->

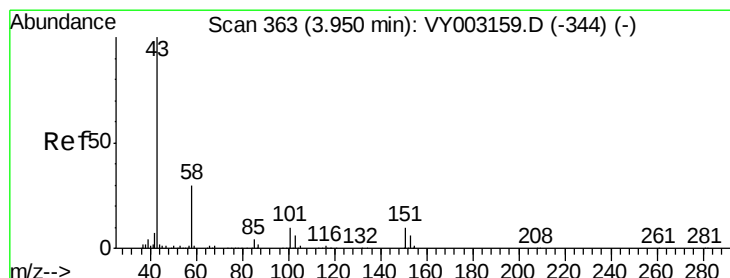
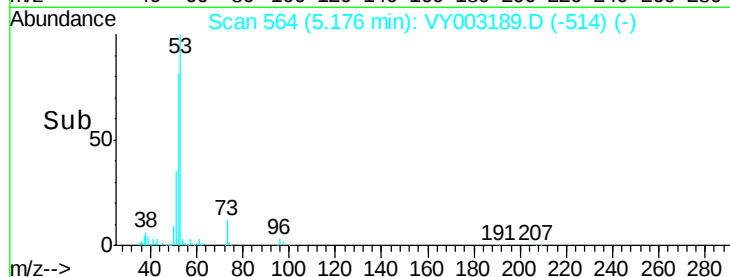
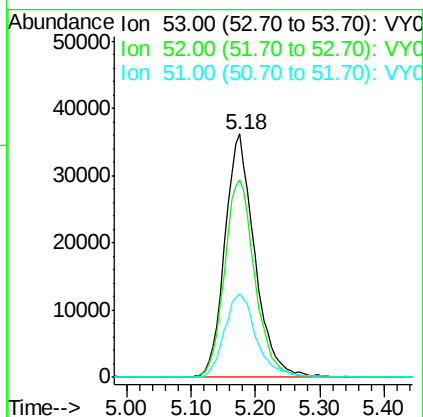
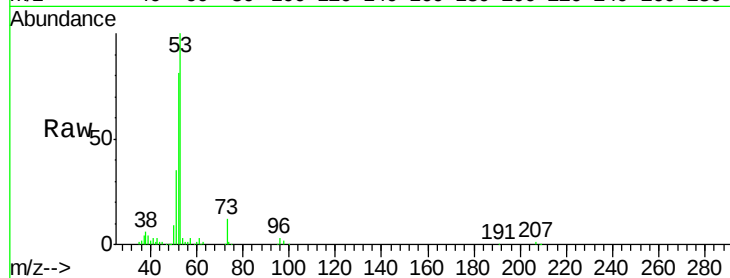




#15  
 Acrylonitrile  
 Concen: 109.423 ug/l  
 RT: 5.18 min Scan# 564  
 Delta R.T. 0.01 min  
 Lab File: VY003189.D  
 Acq: 14 Jul 2020 12:33

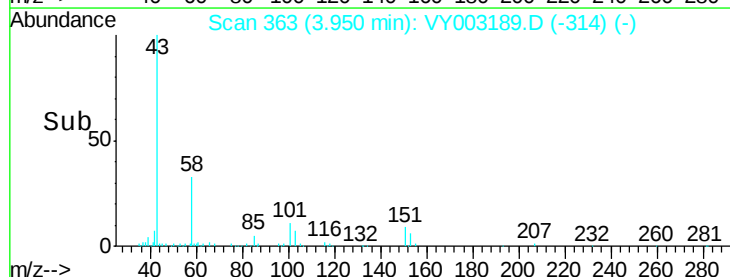
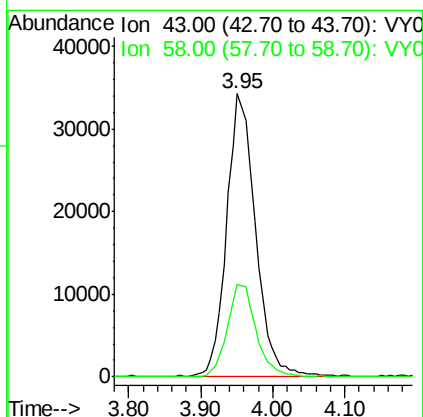
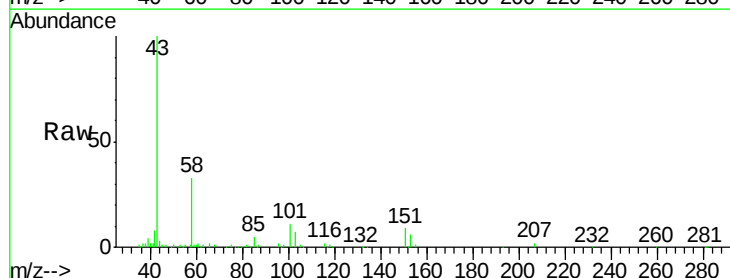
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0714SBS01

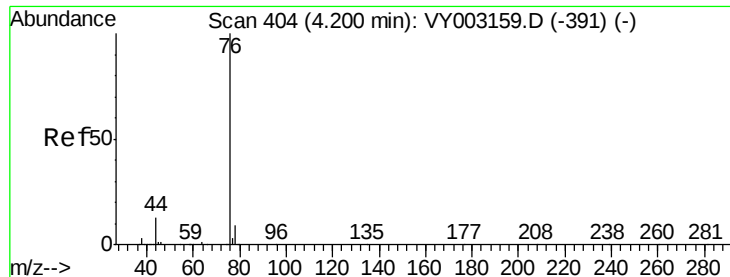
| Tot Ion   | 53    | Resp  | 117405 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 82.4  | 65.8  | 98.6   |
| 51        | 36.7  | 29.0  | 43.4   |



#16  
 Acetone  
 Concen: 110.388 ug/l  
 RT: 3.95 min Scan# 363  
 Delta R.T. 0.00 min  
 Lab File: VY003189.D  
 Acq: 14 Jul 2020 12:33

| Tgt Ion   | 43    | Resp  | 95232 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 58        | 32.5  | 23.8  | 35.6  |





#17

Carbon Disulfide

Concen: 21.838 ug/l

RT: 4.20 min Scan# 404

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA\_Y

ClientSampleId :

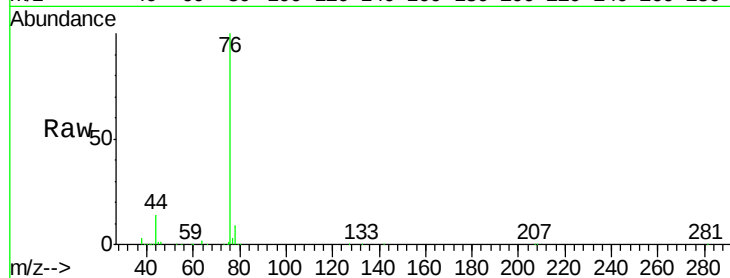
VY0714SBS01

Tot Ion: 76 Resp: 255166

Ion Ratio Lower Upper

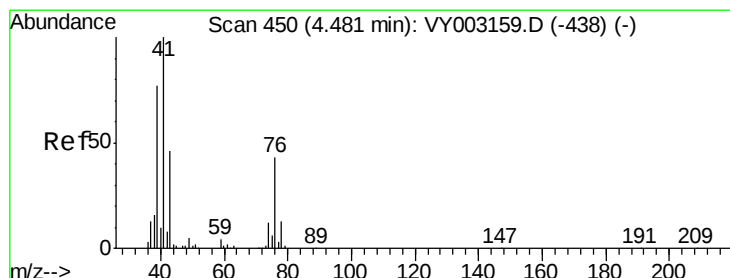
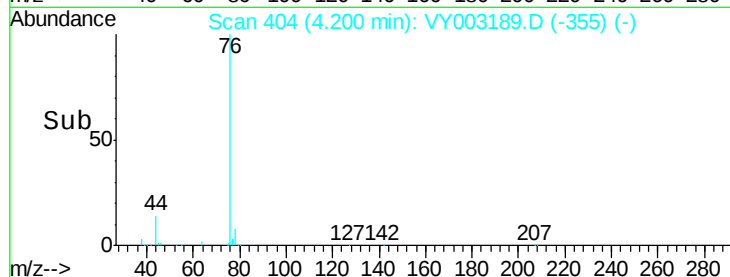
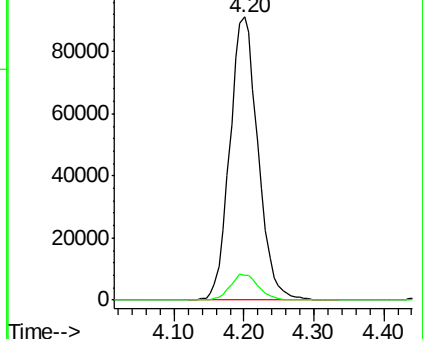
76 100

78 8.7 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#18

Methyl Acetate

Concen: 22.936 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.01 min

Lab File: VY003189.D

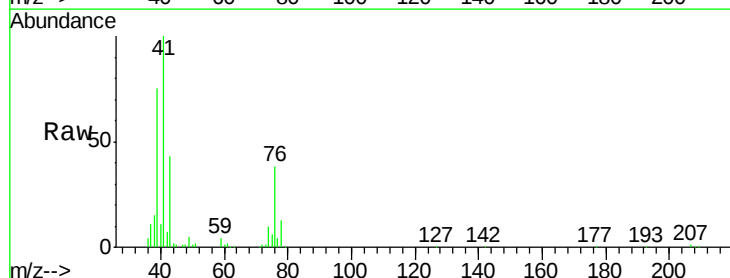
Acq: 14 Jul 2020 12:33

Tgt Ion: 43 Resp: 54950

Ion Ratio Lower Upper

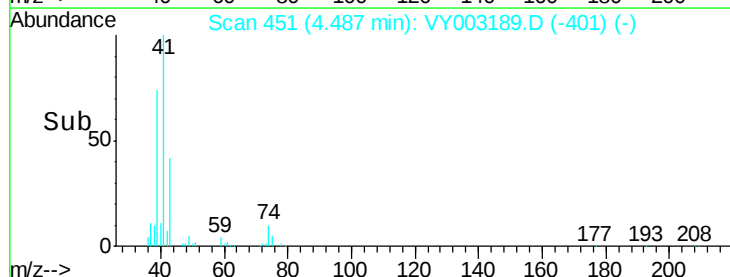
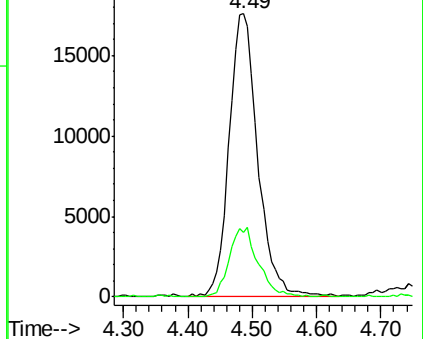
43 100

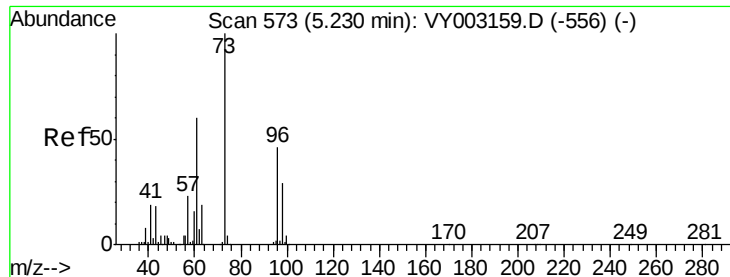
74 24.7 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0



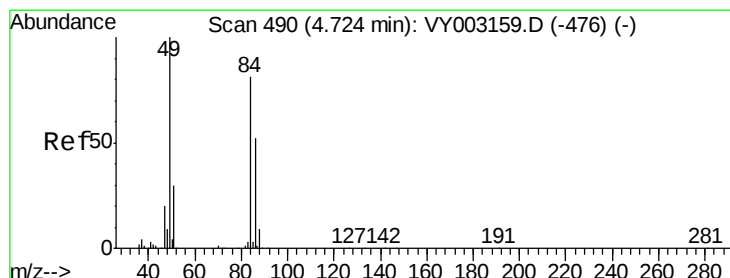
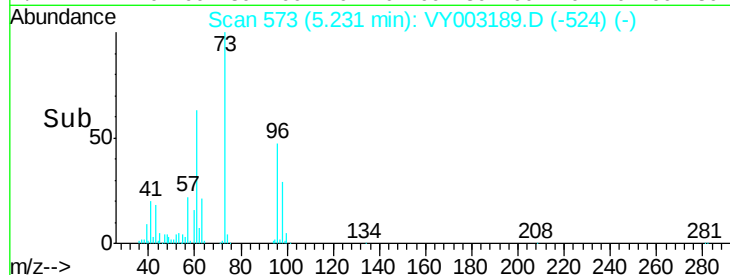
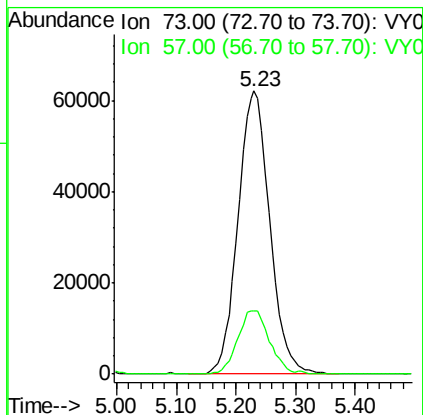
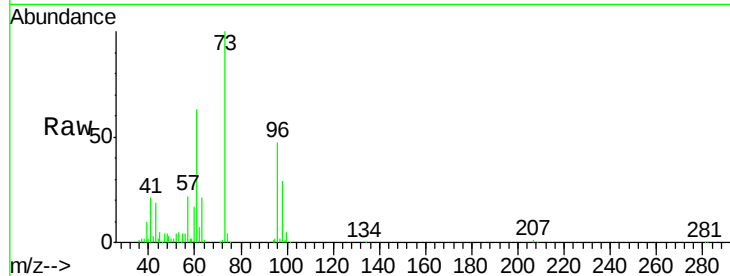


#19

Methyl tert-butyl Ether  
 Concen: 21.565 ug/l  
 RT: 5.23 min Scan# 573  
 Delta R.T. 0.00 min  
 Lab File: VY003189.D  
 Acq: 14 Jul 2020 12:33

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0714SBS01

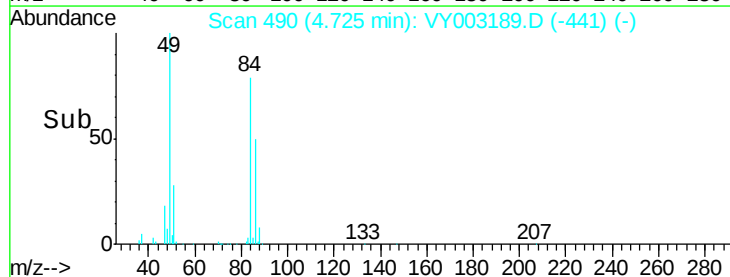
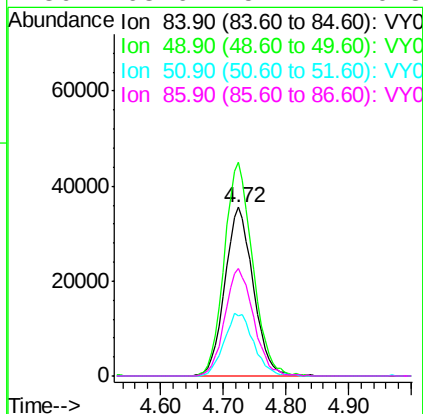
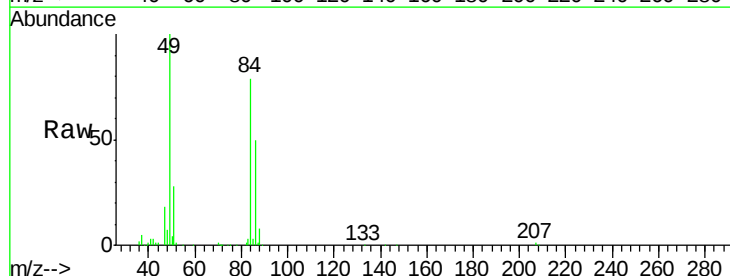
Tot Ion: 73 Resp: 230115  
 Ion Ratio Lower Upper  
 73 100  
 57 22.2 18.1 27.1

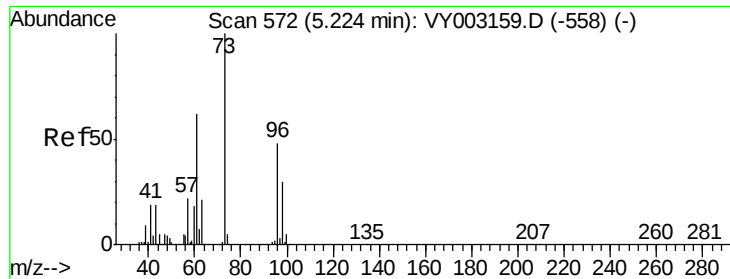


#20

Methylene Chloride  
 Concen: 22.573 ug/l  
 RT: 4.72 min Scan# 490  
 Delta R.T. 0.00 min  
 Lab File: VY003189.D  
 Acq: 14 Jul 2020 12:33

Tgt Ion: 84 Resp: 111065  
 Ion Ratio Lower Upper  
 84 100  
 49 126.7 98.2 147.4  
 51 35.6 29.8 44.6  
 86 63.6 51.2 76.8





#21

trans-1,2-Dichloroethene

Concen: 21.420 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA\_Y

ClientSampleId :

VY0714SBS01

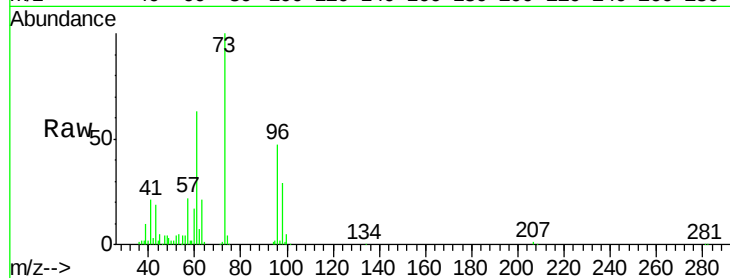
Tot Ion: 96 Resp: 92253

Ion Ratio Lower Upper

96 100

61 135.3 102.5 153.7

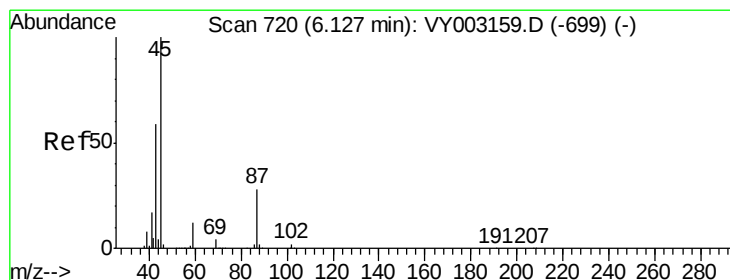
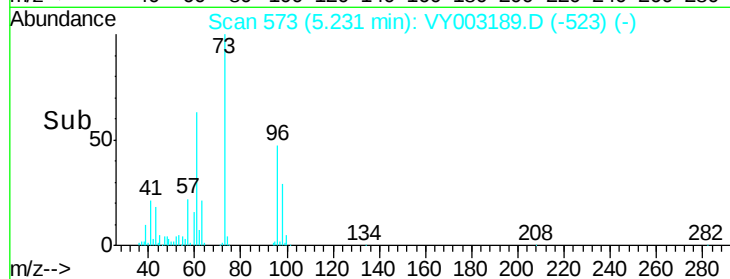
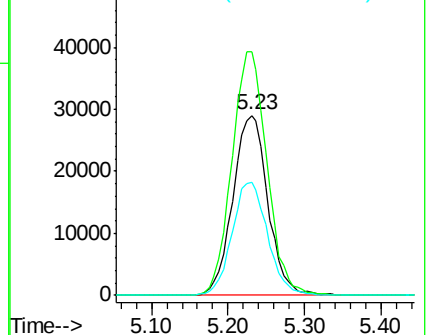
98 62.7 49.8 74.8



Abundance Ion 95.90 (95.60 to 96.60): VY0

Ion 60.90 (60.60 to 61.60): VY0

Ion 97.90 (97.60 to 98.60): VY0



#22

Diisopropyl ether

Concen: 22.840 ug/l

RT: 6.13 min Scan# 720

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Tgt Ion: 45 Resp: 286405

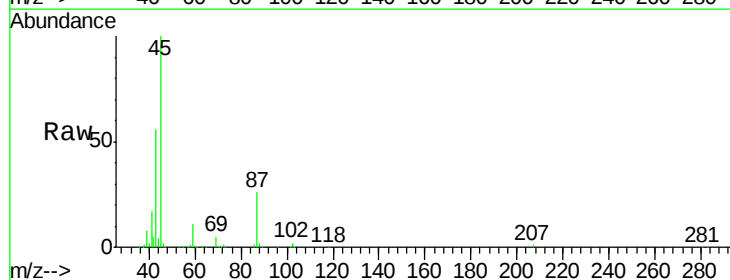
Ion Ratio Lower Upper

45 100

43 55.6 47.0 70.4

87 26.3 22.6 33.8

59 11.4 9.8 14.6

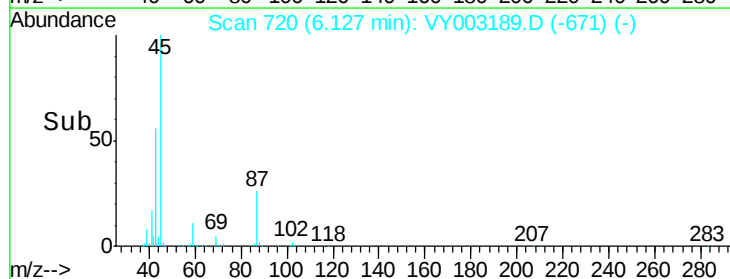
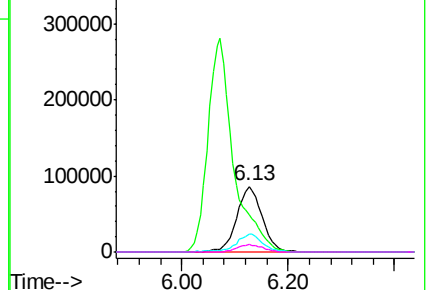


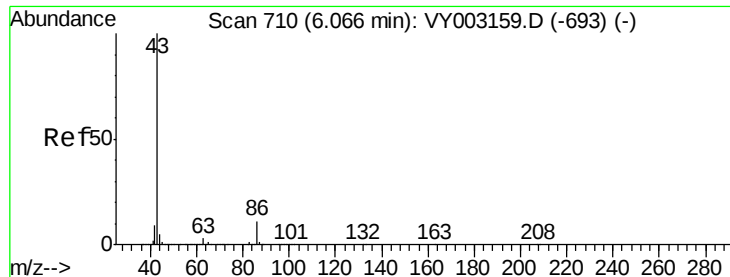
Abundance Ion 45.00 (44.70 to 45.70): VY0

Ion 43.00 (42.70 to 43.70): VY0

Ion 87.00 (86.70 to 87.70): VY0

Ion 59.00 (58.70 to 59.70): VY0





#23

Vinyl Acetate

Concen: 110.936 ug/l

RT: 6.07 min Scan# 711

Delta R.T. 0.01 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA\_Y

ClientSampleId :

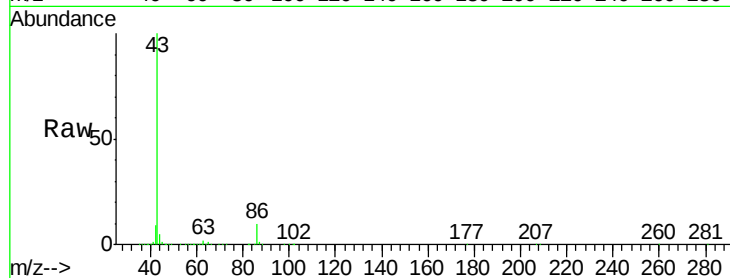
VY0714SBS01

Tot Ion: 43 Resp: 927190

Ion Ratio Lower Upper

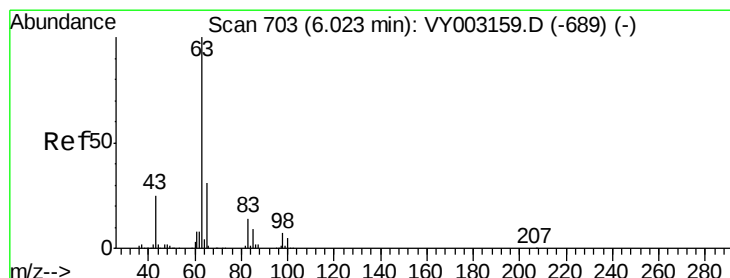
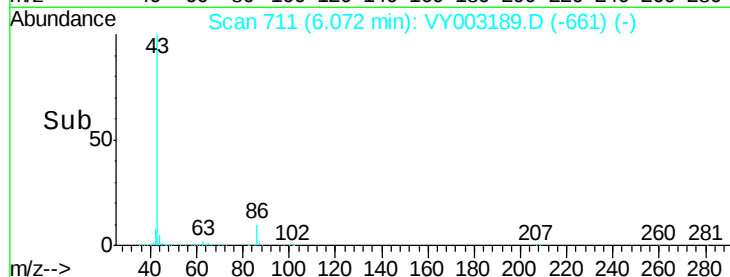
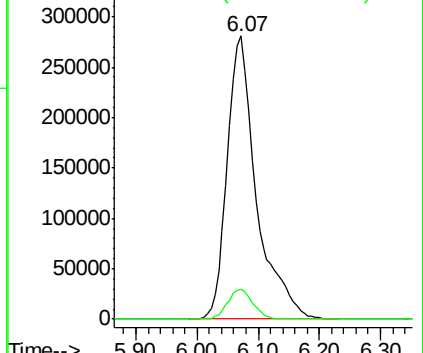
43 100

86 10.4 8.8 13.2



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 22.066 ug/l

RT: 6.03 min Scan# 704

Delta R.T. 0.01 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

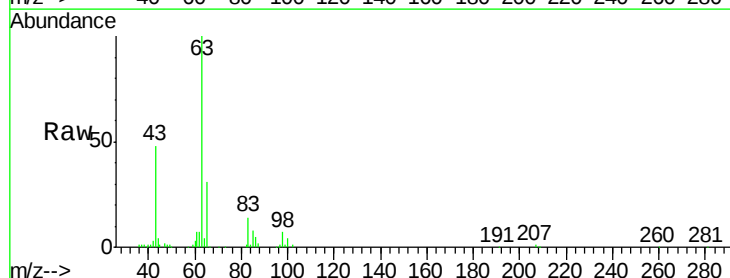
Tgt Ion: 63 Resp: 160302

Ion Ratio Lower Upper

63 100

98 6.9 3.6 10.8

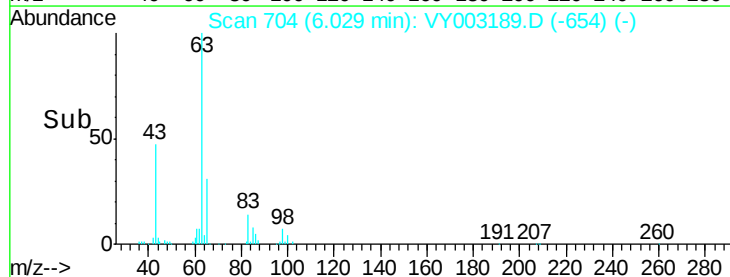
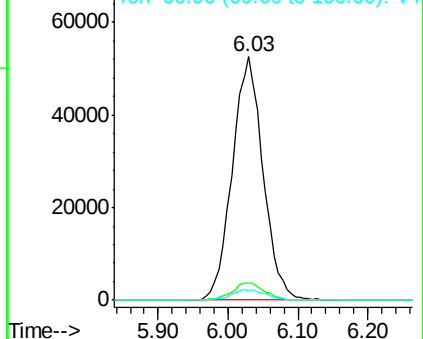
100 3.6 2.4 7.2

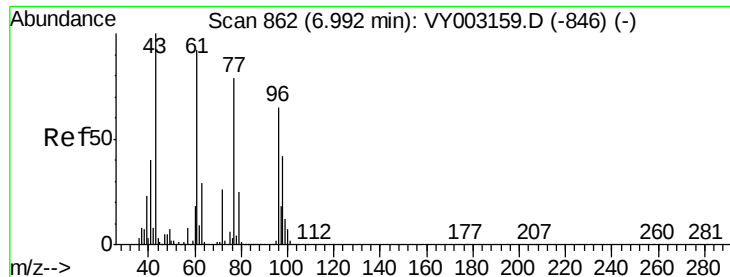


Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0

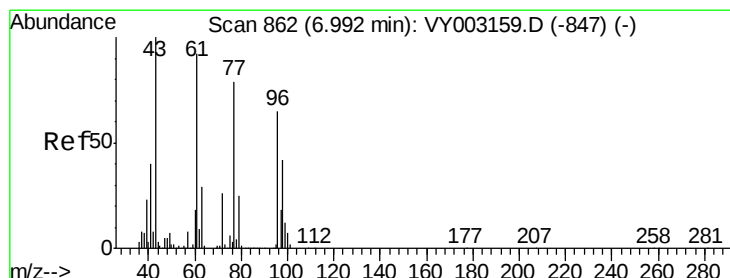
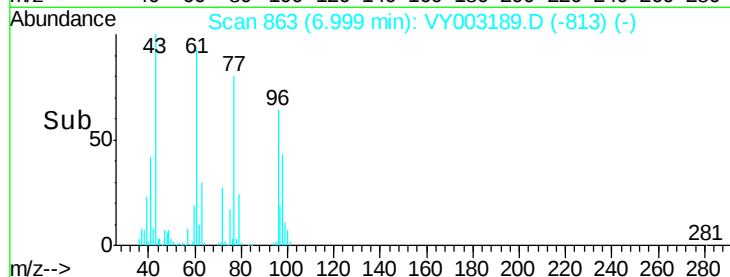
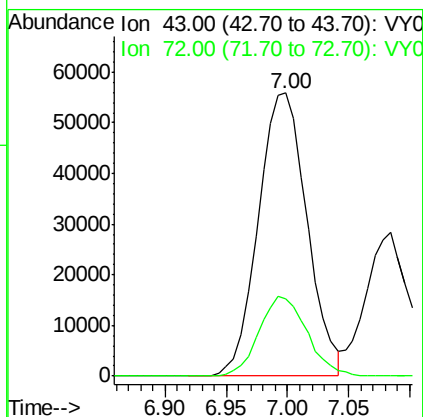
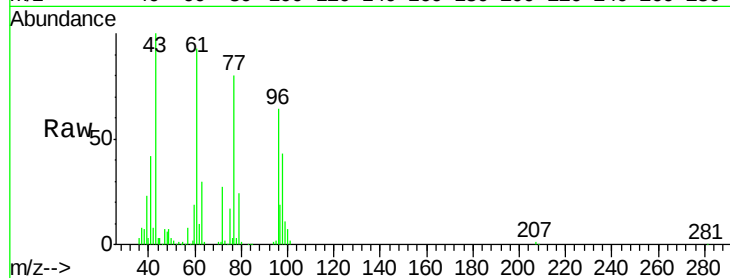




#25  
2-Butanone  
Concen: 108.808 ug/l  
RT: 7.00 min Scan# 863  
Delta R.T. 0.01 min  
Lab File: VY003189.D  
Acq: 14 Jul 2020 12:33

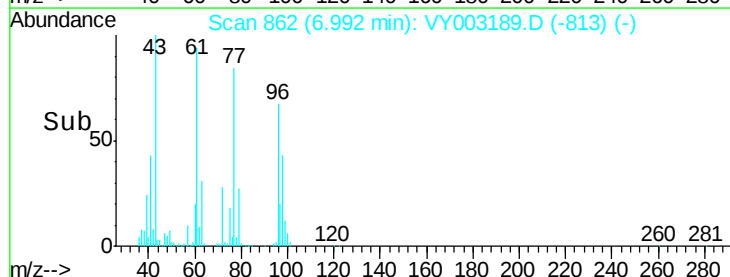
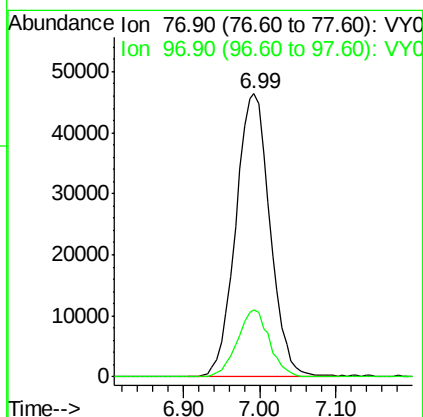
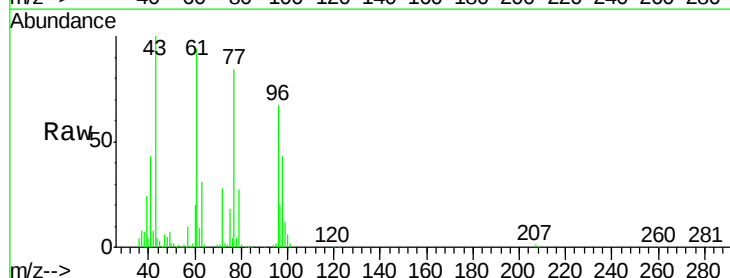
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0714SBS01

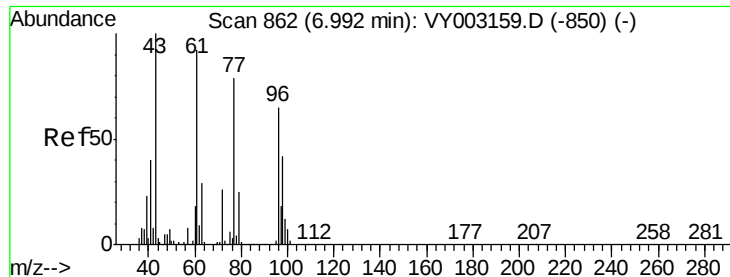
Tot Ion: 43 Resp: 154124  
Ion Ratio Lower Upper  
43 100  
72 27.3 20.9 31.3



#26  
2,2-Dichloropropane  
Concen: 22.034 ug/l  
RT: 6.99 min Scan# 862  
Delta R.T. 0.00 min  
Lab File: VY003189.D  
Acq: 14 Jul 2020 12:33

Tgt Ion: 77 Resp: 144157  
Ion Ratio Lower Upper  
77 100  
97 22.3 11.6 34.7



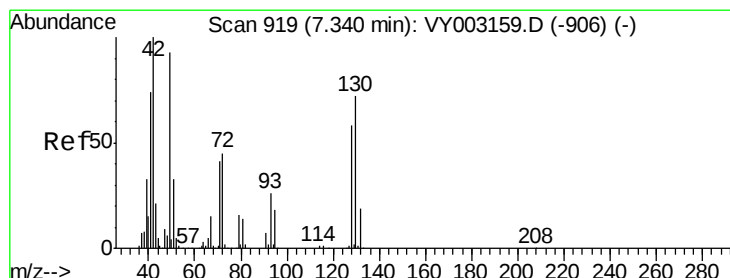
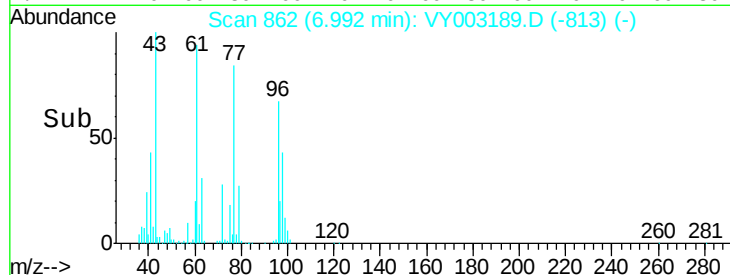
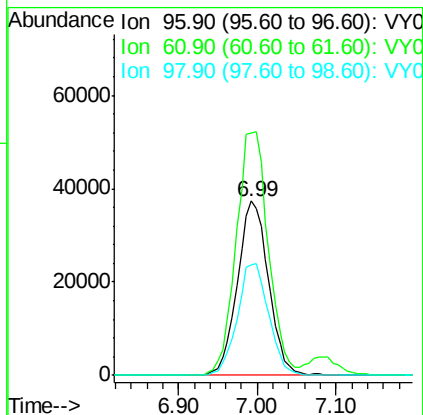
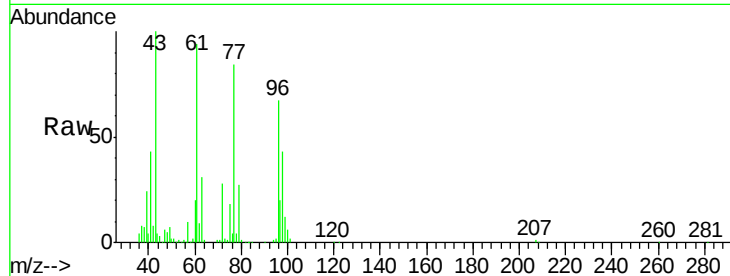


#27

cis-1,2-Dichloroethene  
Concen: 21.594 ug/l  
RT: 6.99 min Scan# 862  
Delta R.T. 0.00 min  
Lab File: VY003189.D  
Acq: 14 Jul 2020 12:33

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0714SBS01

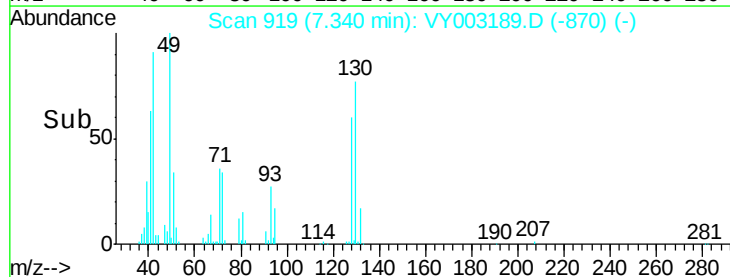
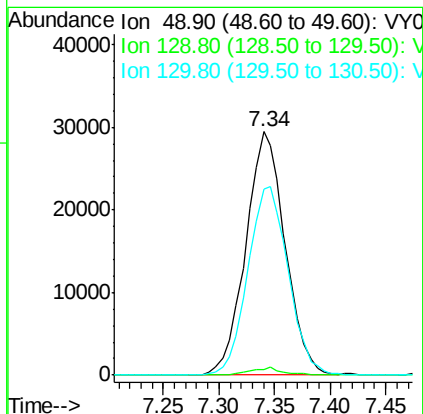
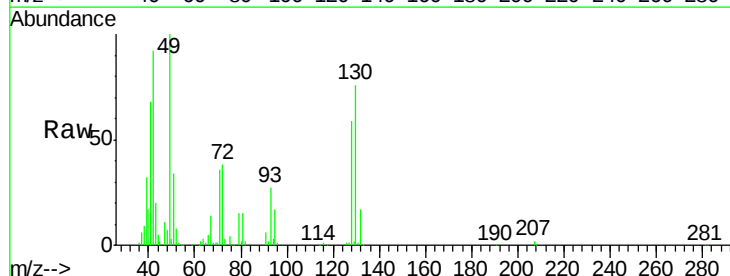
| Tot Ion   | 96    | Resp  | 102394 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 145.0 | 0.0   | 281.2  |
| 98        | 64.7  | 0.0   | 129.8  |

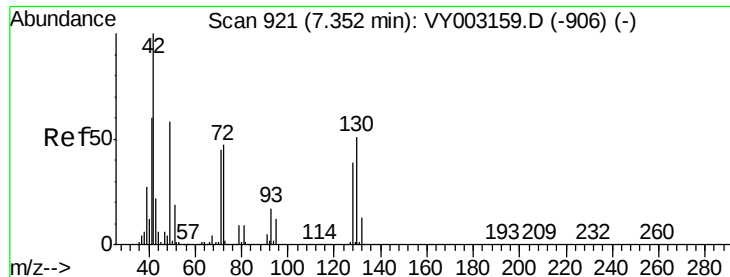


#28

Bromochloromethane  
Concen: 23.065 ug/l  
RT: 7.34 min Scan# 919  
Delta R.T. 0.00 min  
Lab File: VY003189.D  
Acq: 14 Jul 2020 12:33

| Tgt Ion   | 49    | Resp  | 72545 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 49        | 100   |       |       |
| 129       | 2.5   | 0.0   | 5.0   |
| 130       | 79.4  | 64.9  | 97.3  |





#29

Tetrahydrofuran

Concen: 108.750 ug/l

RT: 7.35 min Scan# 921

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA\_Y

ClientSampleId :

VY0714SBS01

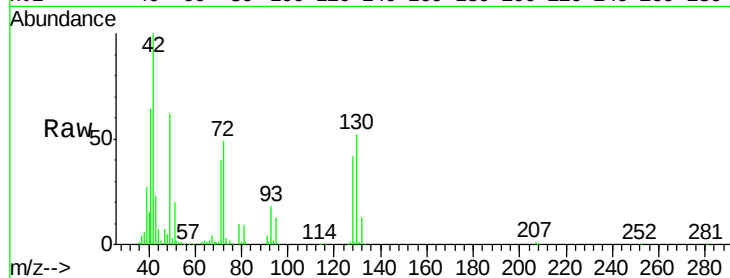
Tot Ion: 42 Resp: 103482

Ion Ratio Lower Upper

42 100

72 45.3 36.7 55.1

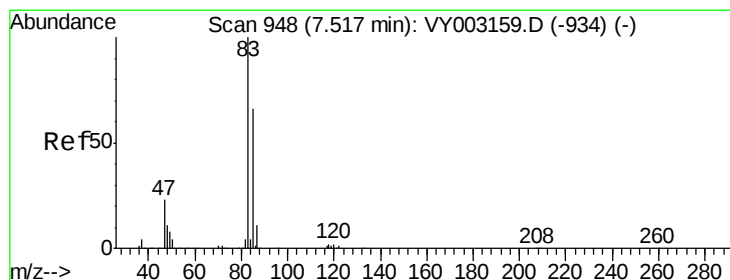
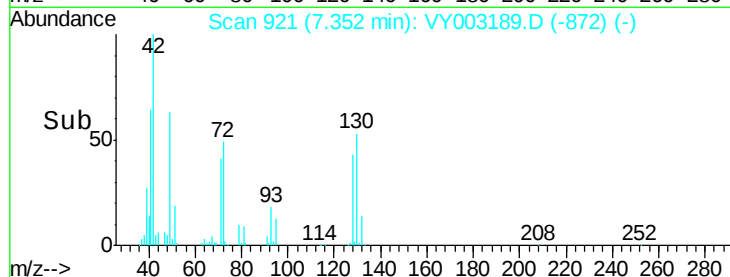
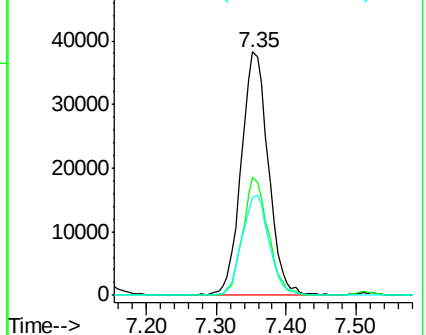
71 40.9 34.2 51.4



Abundance Ion 42.00 (41.70 to 42.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

Ion 71.00 (70.70 to 71.70): VY0



#30

Chloroform

Concen: 21.746 ug/l

RT: 7.52 min Scan# 948

Delta R.T. 0.00 min

Lab File: VY003189.D

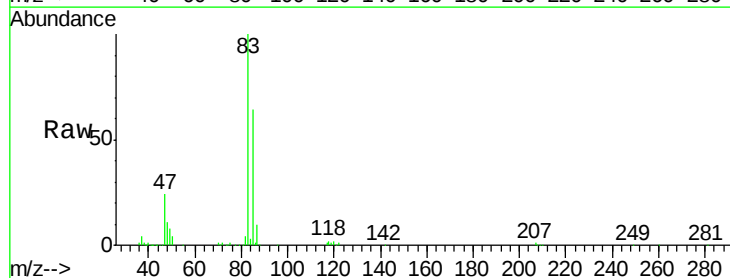
Acq: 14 Jul 2020 12:33

Tgt Ion: 83 Resp: 162713

Ion Ratio Lower Upper

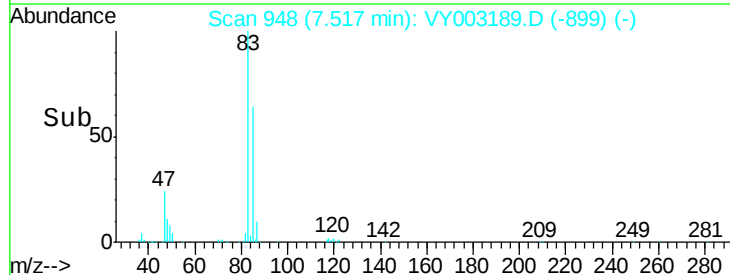
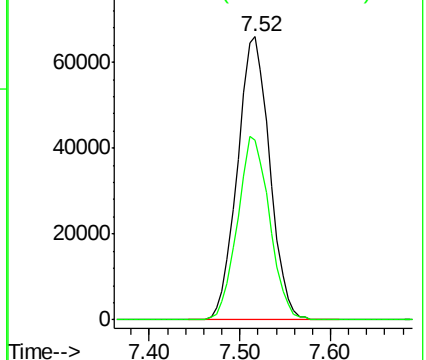
83 100

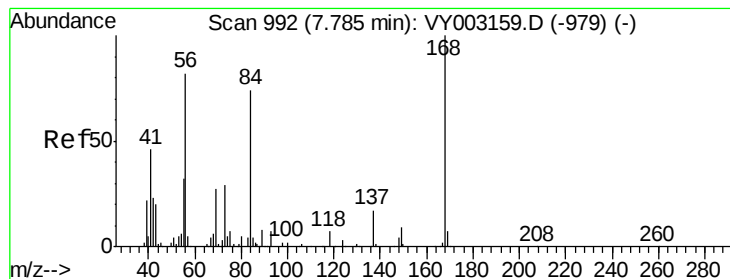
85 63.7 52.6 78.8



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0





#31

Cyclohexane

Concen: 21.806 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.01 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA\_Y

ClientSampleId :

VY0714SBS01

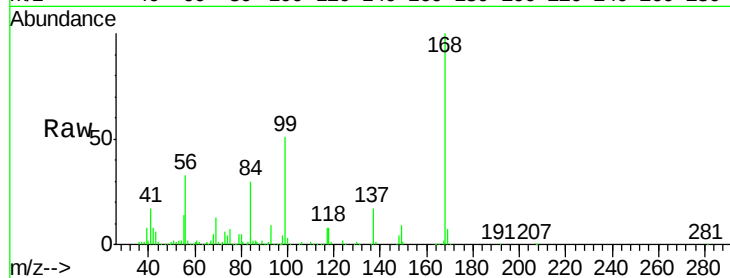
Tot Ion: 56 Resp: 153183

Ion Ratio Lower Upper

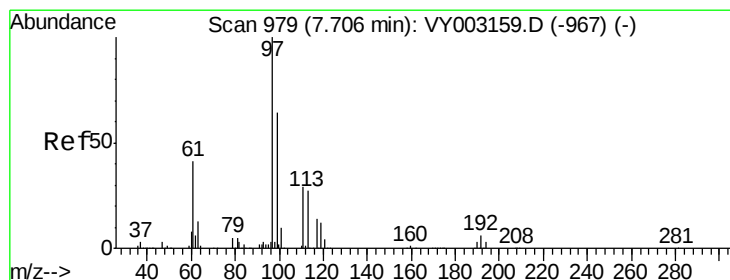
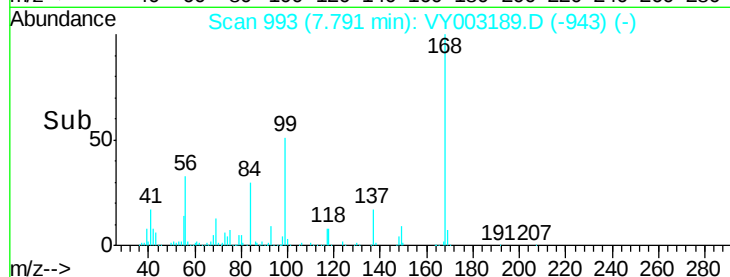
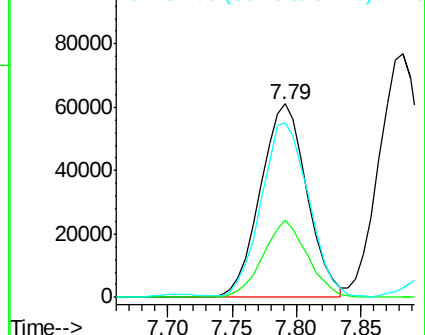
56 100

69 40.2 26.7 40.1#

84 88.5 72.3 108.5



Abundance Ion 56.00 (55.70 to 56.70): VY0  
Ion 69.00 (68.70 to 69.70): VY0  
Ion 84.00 (83.70 to 84.70): VY0



#32

1,1,1-Trichloroethane

Concen: 21.660 ug/l

RT: 7.71 min Scan# 980

Delta R.T. 0.01 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

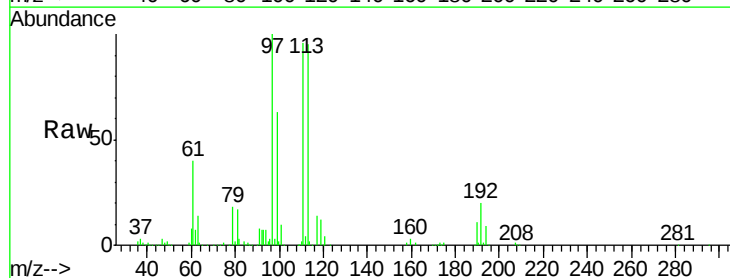
Tgt Ion: 97 Resp: 145904

Ion Ratio Lower Upper

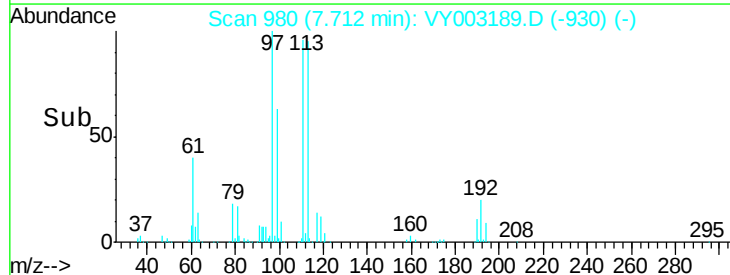
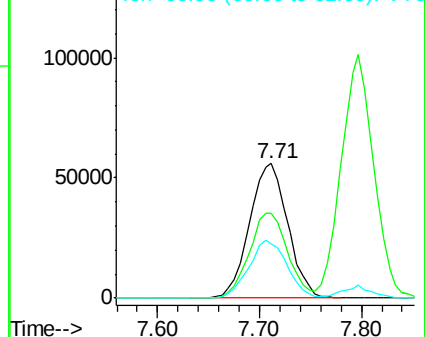
97 100

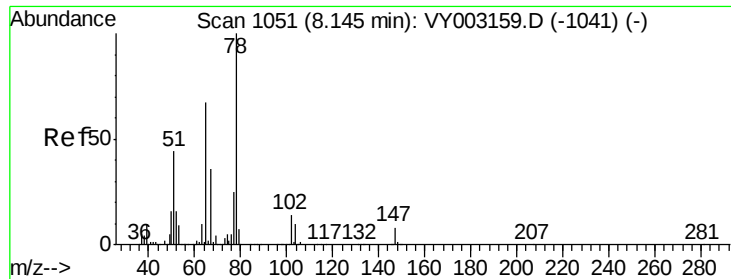
99 64.0 52.1 78.1

61 42.9 33.9 50.9



Abundance Ion 96.90 (96.60 to 97.60): VY0  
Ion 98.90 (98.60 to 99.60): VY0  
Ion 60.90 (60.60 to 61.60): VY0

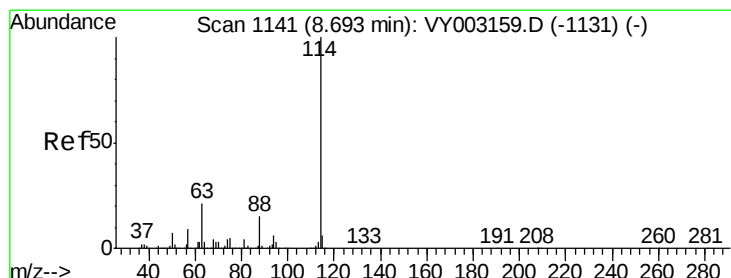
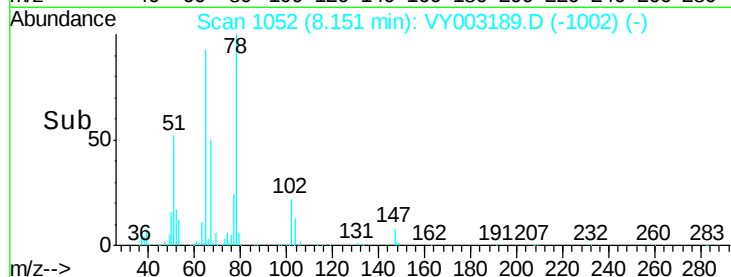
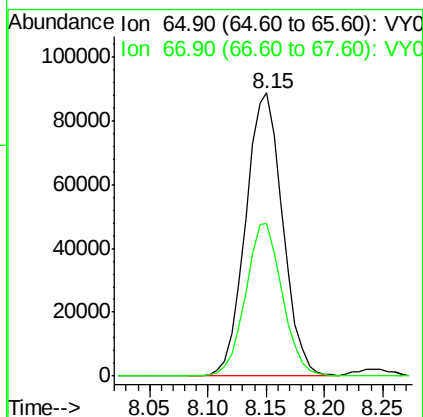
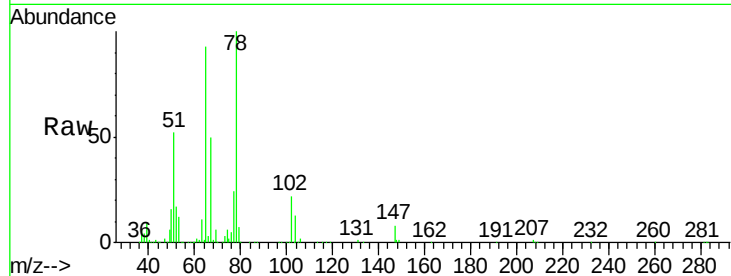




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.015 ug/l  
 RT: 8.15 min Scan# 1052  
 Delta R.T. 0.01 min  
 Lab File: VY003189.D  
 Acq: 14 Jul 2020 12:33

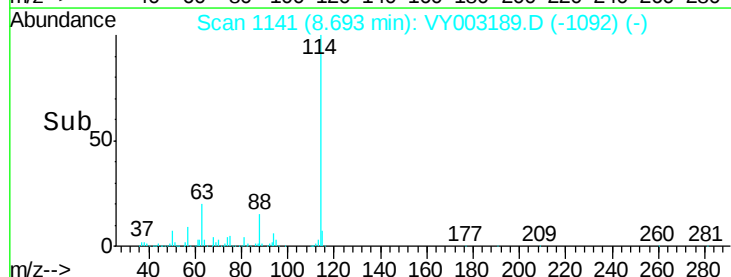
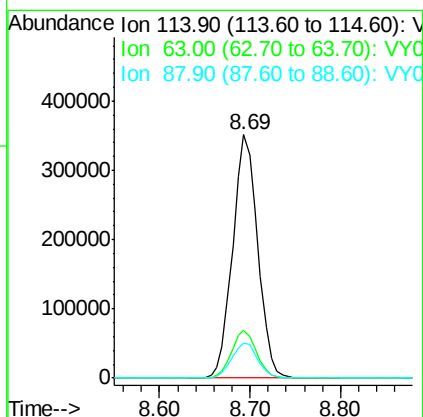
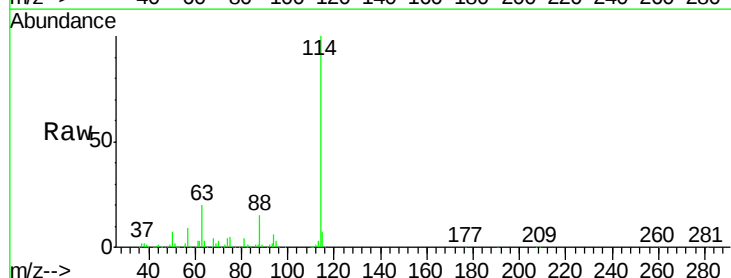
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0714SBS01

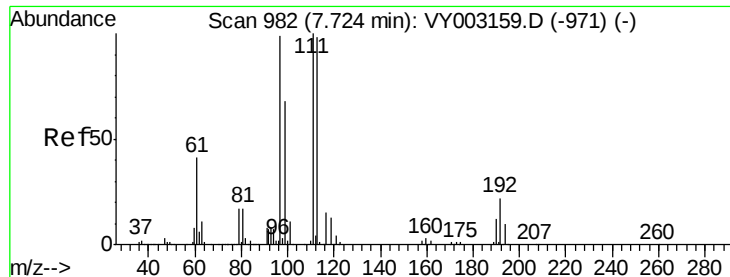
Tot Ion: 65 Resp: 197029  
 Ion Ratio Lower Upper  
 65 100  
 67 53.3 0.0 105.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.69 min Scan# 1141  
 Delta R.T. 0.00 min  
 Lab File: VY003189.D  
 Acq: 14 Jul 2020 12:33

Tgt Ion: 114 Resp: 672662  
 Ion Ratio Lower Upper  
 114 100  
 63 19.8 0.0 41.2  
 88 14.6 0.0 30.2

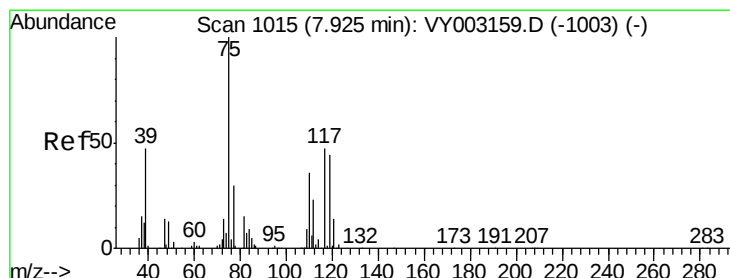
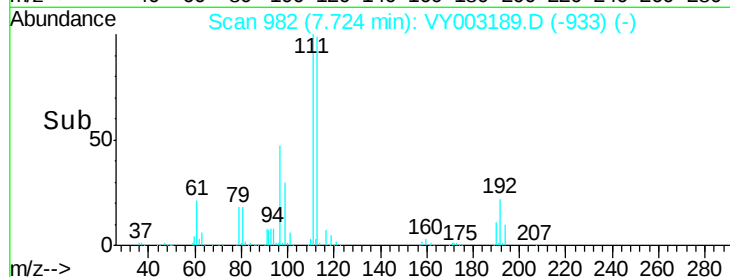
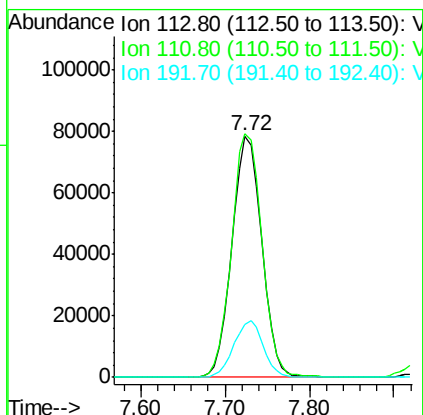
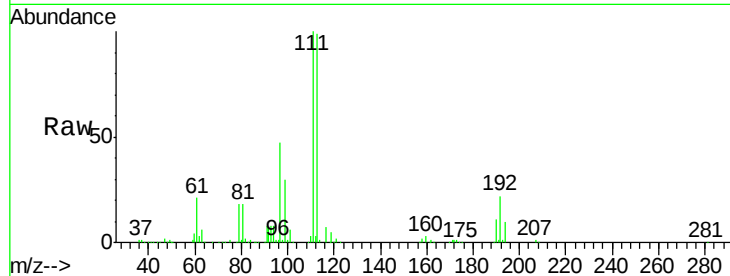




#35  
 Dibromofluoromethane  
 Concen: 48.405 ug/l  
 RT: 7.72 min Scan# 982  
 Delta R.T. 0.00 min  
 Lab File: VY003189.D  
 Acq: 14 Jul 2020 12:33

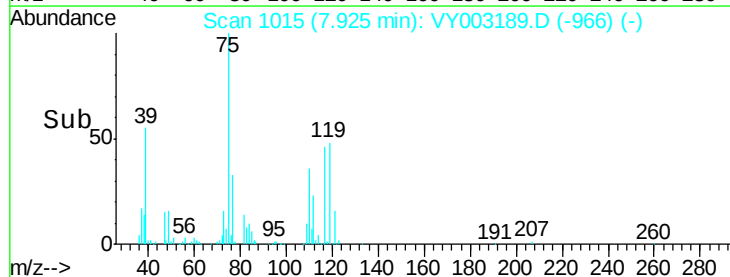
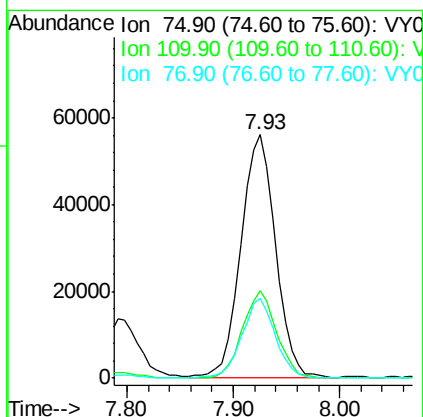
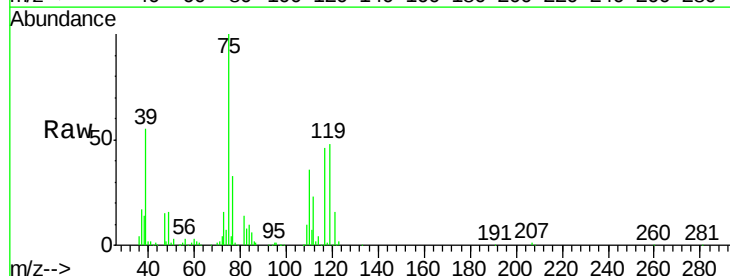
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0714SBS01

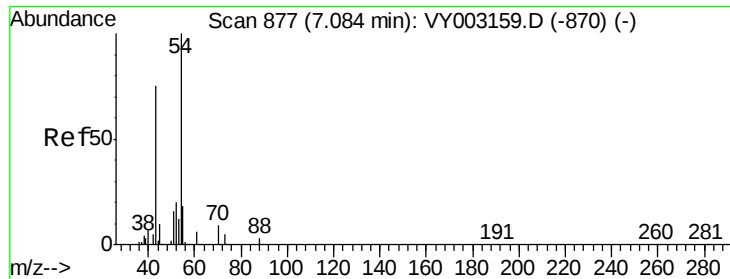
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.8 | 82.1  | 123.1 |
| 192     | 23.1  | 18.8  | 28.2  |



#36  
 1,1-Dichloropropene  
 Concen: 20.864 ug/l  
 RT: 7.93 min Scan# 1015  
 Delta R.T. 0.00 min  
 Lab File: VY003189.D  
 Acq: 14 Jul 2020 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 35.7  | 18.1  | 54.1  |
| 77      | 31.9  | 24.8  | 37.2  |

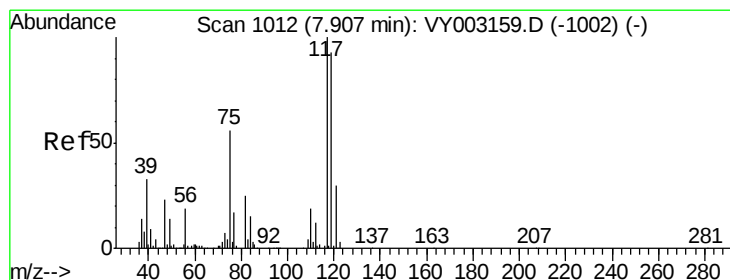
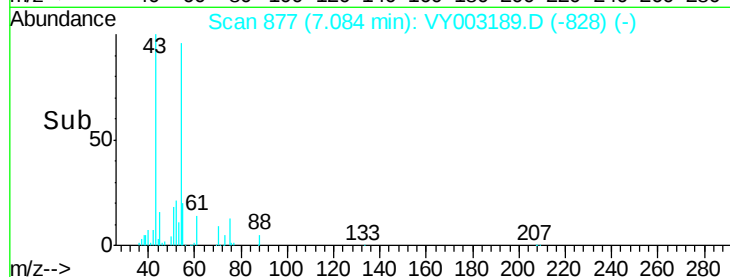
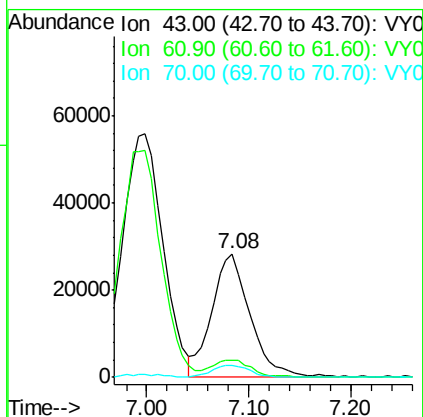
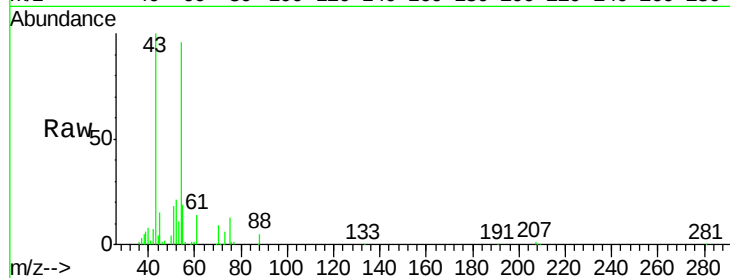




#37  
Ethyl Acetate  
Concen: 22.297 ug/l  
RT: 7.08 min Scan# 877  
Delta R.T. 0.00 min  
Lab File: VY003189.D  
Acq: 14 Jul 2020 12:33

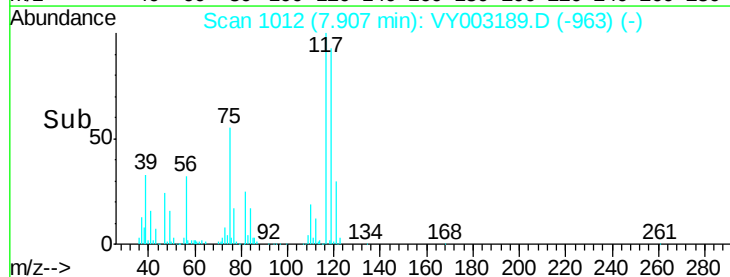
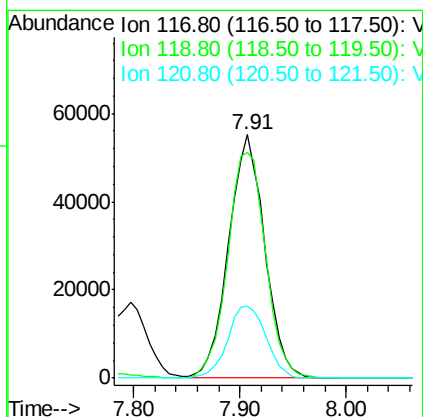
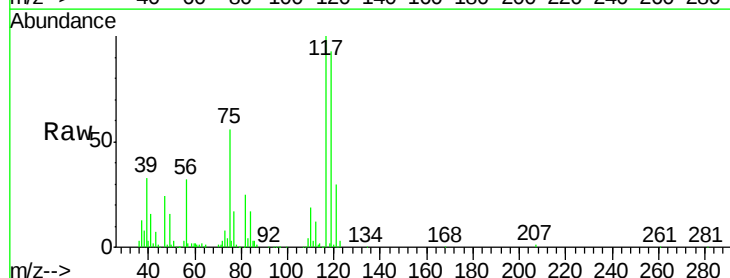
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0714SBS01

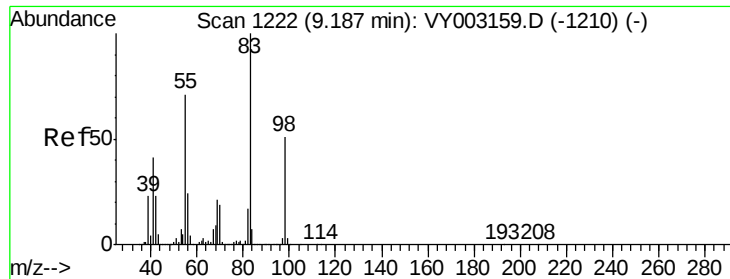
Tot Ion: 43 Resp: 73206  
Ion Ratio Lower Upper  
43 100  
61 14.3 11.8 17.6  
70 9.9 8.6 13.0



#38  
Carbon Tetrachloride  
Concen: 20.876 ug/l  
RT: 7.91 min Scan# 1012  
Delta R.T. 0.00 min  
Lab File: VY003189.D  
Acq: 14 Jul 2020 12:33

Tgt Ion: 117 Resp: 131392  
Ion Ratio Lower Upper  
117 100  
119 92.8 74.5 111.7  
121 29.8 24.2 36.2

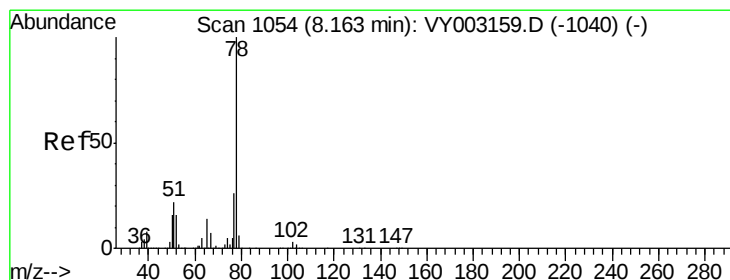
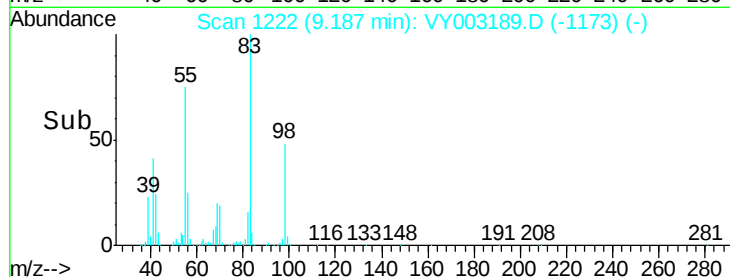
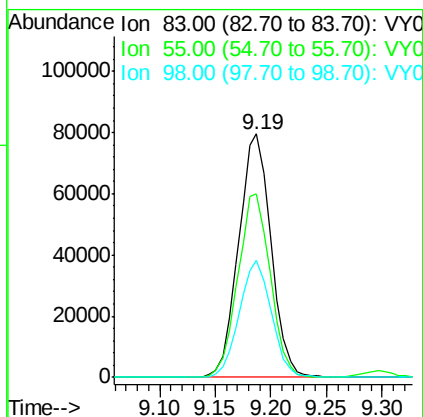
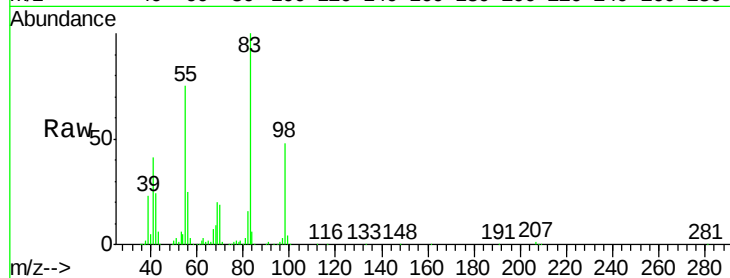




#39  
Methvlcvclohexane  
Concen: 21.000 ug/l  
RT: 9.19 min Scan# 1222  
Delta R.T. 0.00 min  
Lab File: VY003189.D  
Acq: 14 Jul 2020 12:33

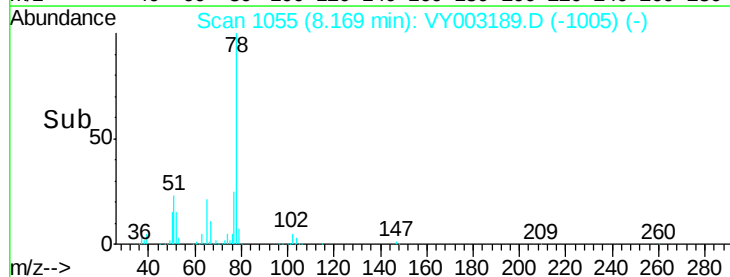
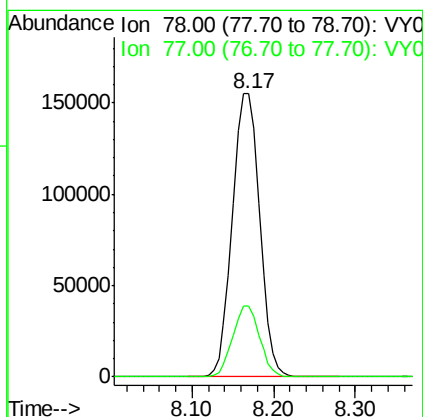
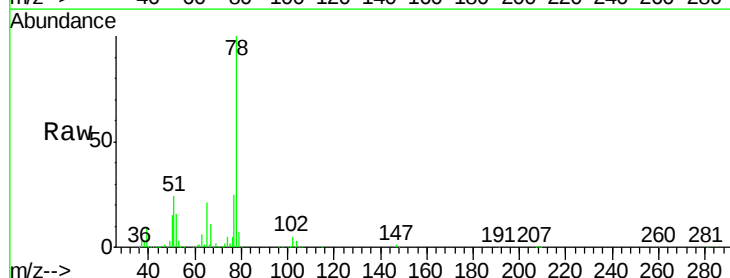
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0714SBS01

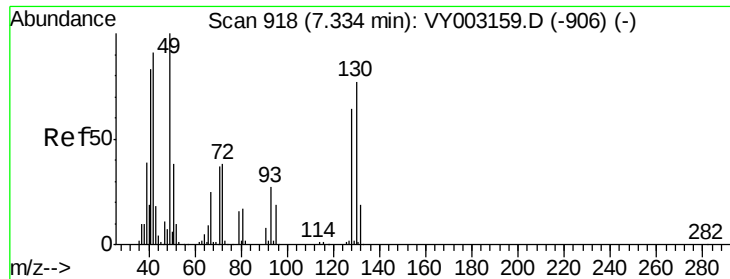
Tot Ion: 83 Resp: 160834  
Ion Ratio Lower Upper  
83 100  
55 75.2 57.2 85.8  
98 47.8 41.0 61.6



#40  
Benzene  
Concen: 21.380 ug/l  
RT: 8.17 min Scan# 1055  
Delta R.T. 0.01 min  
Lab File: VY003189.D  
Acq: 14 Jul 2020 12:33

Tgt Ion: 78 Resp: 358902  
Ion Ratio Lower Upper  
78 100  
77 25.2 20.7 31.1

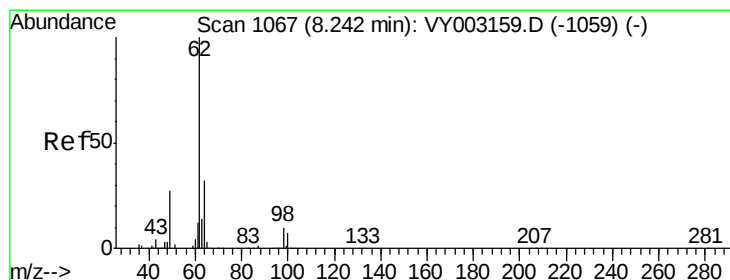
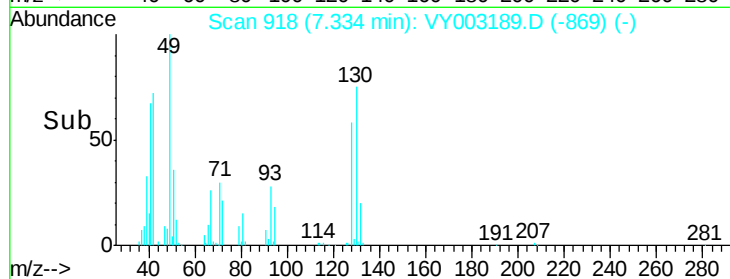
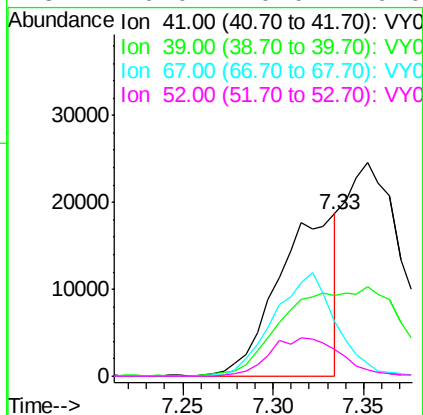
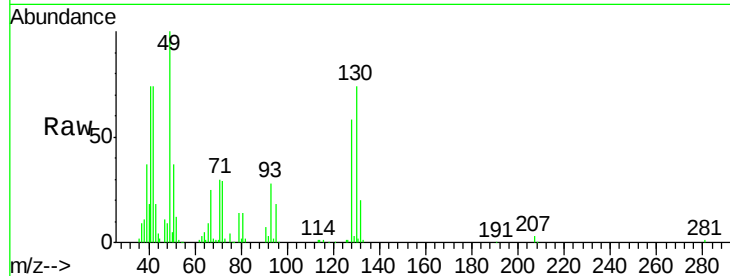




#41  
Methacrylonitrile  
Concen: 21.274 ug/l m  
RT: 7.33 min Scan# 918  
Delta R.T. 0.00 min  
Lab File: VY003189.D  
Acq: 14 Jul 2020 12:33

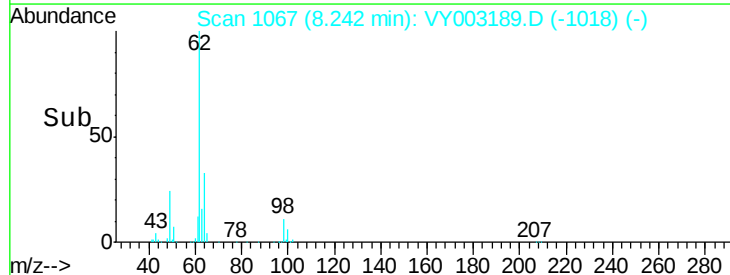
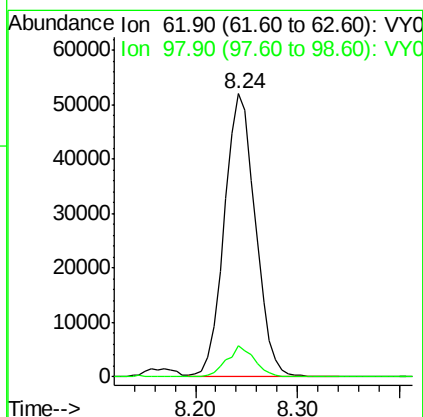
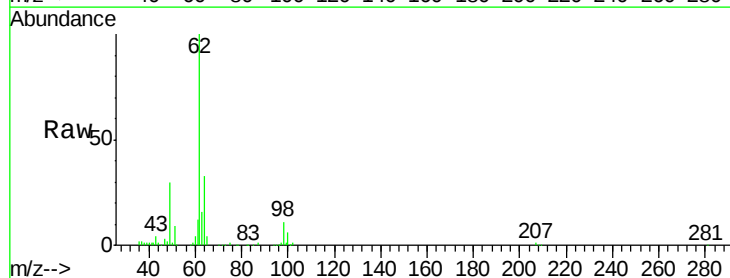
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0714SBS01

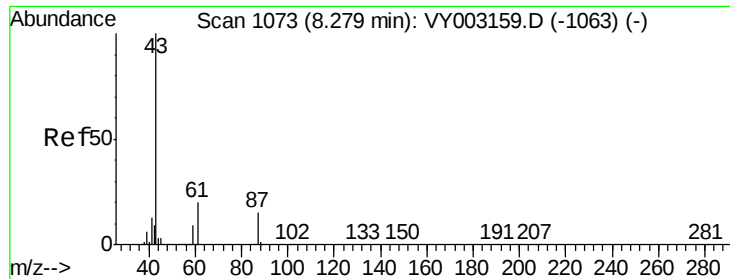
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 42066 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 109.1 | 83.3  | 124.9 |
| 67       | 0.0   | 0.0   | 0.0   |
| 52       | 0.0   | 0.0   | 0.0   |



#42  
1,2-Dichloroethane  
Concen: 21.211 ug/l  
RT: 8.24 min Scan# 1067  
Delta R.T. 0.00 min  
Lab File: VY003189.D  
Acq: 14 Jul 2020 12:33

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 109619 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.9   | 0.0   | 19.0   |





#43

Isopropyl Acetate

Concen: 21.106 ug/l

RT: 8.28 min Scan# 1073

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA\_Y

ClientSampleId :

VY0714SBS01

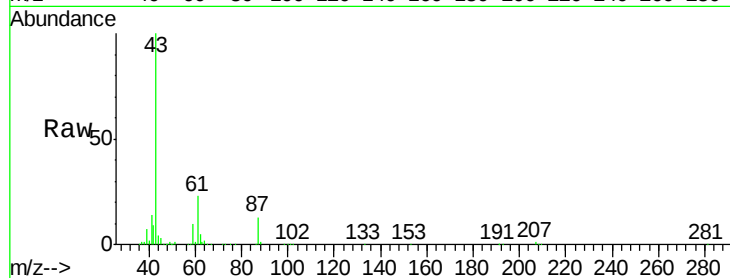
Tot Ion: 43 Resp: 134127

Ion Ratio Lower Upper

43 100

61 30.7 23.7 35.5

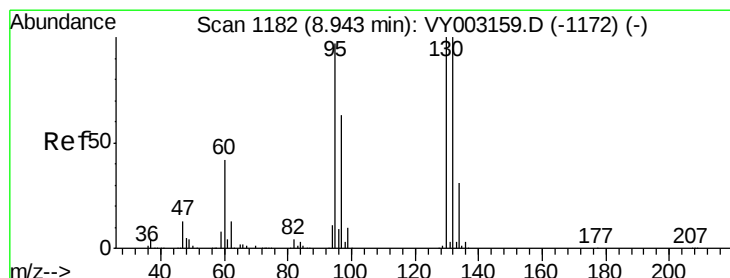
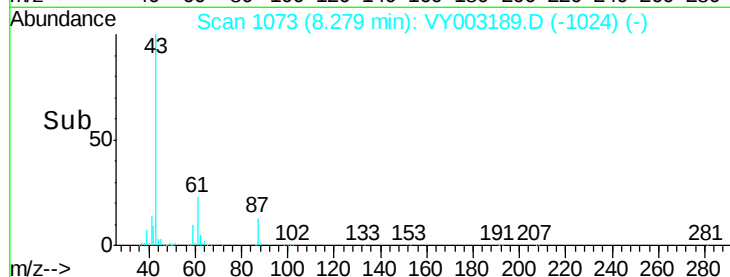
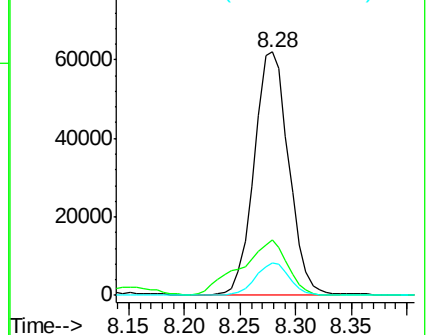
87 13.0 11.4 17.0



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 61.00 (60.70 to 61.70): VY0

Ion 87.00 (86.70 to 87.70): VY0



#44

Trichloroethene

Concen: 20.119 ug/l

RT: 8.94 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VY003189.D

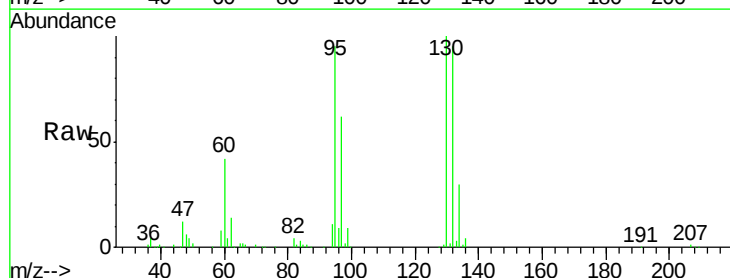
Acq: 14 Jul 2020 12:33

Tgt Ion:130 Resp: 103534

Ion Ratio Lower Upper

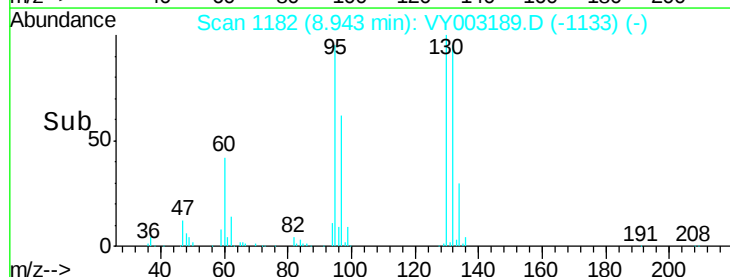
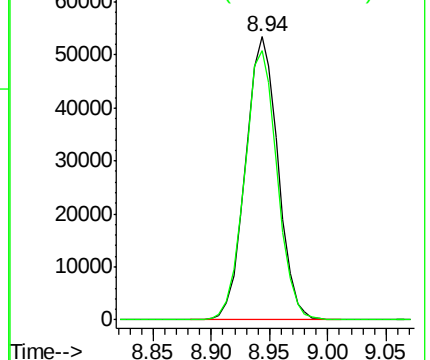
130 100

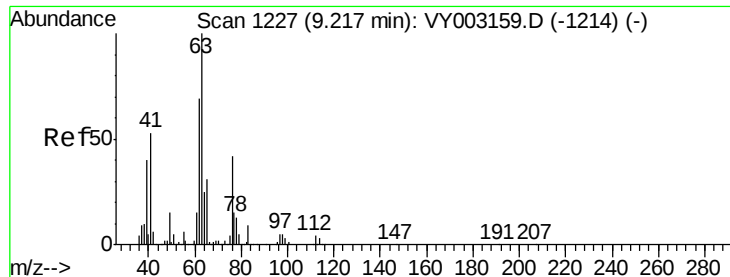
95 95.1 0.0 193.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VY0

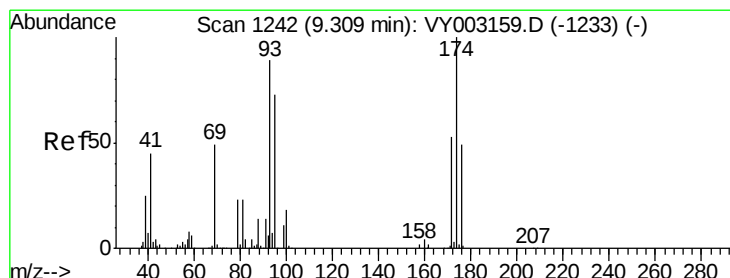
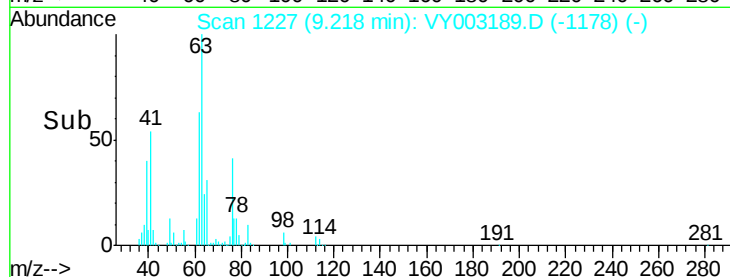
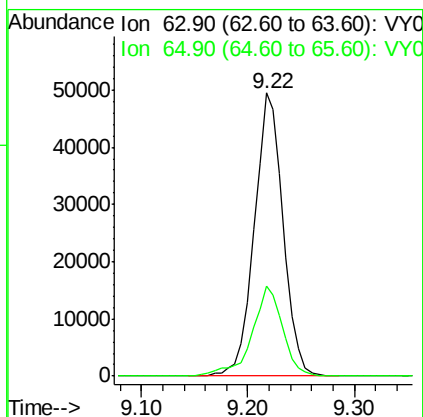
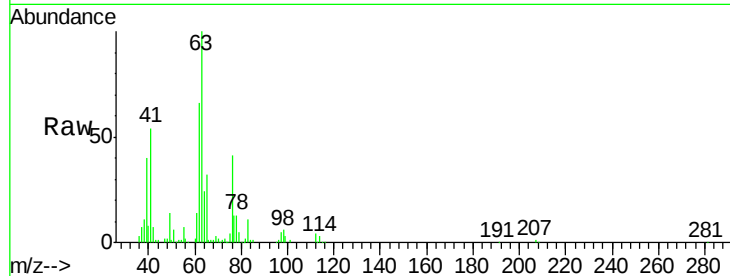




#45  
 1,2-Dichloropropane  
 Concen: 21.533 ug/l  
 RT: 9.22 min Scan# 1227  
 Delta R.T. 0.00 min  
 Lab File: VY003189.D  
 Acq: 14 Jul 2020 12:33

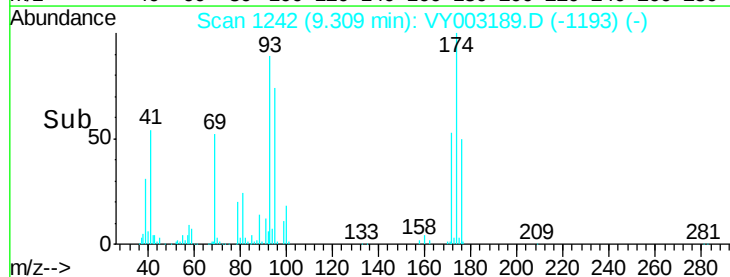
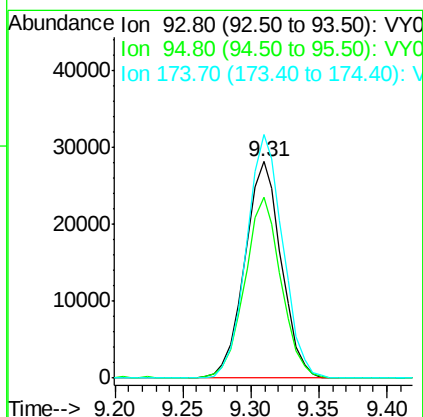
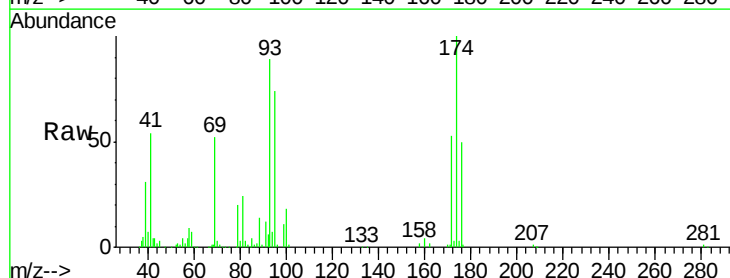
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0714SBS01

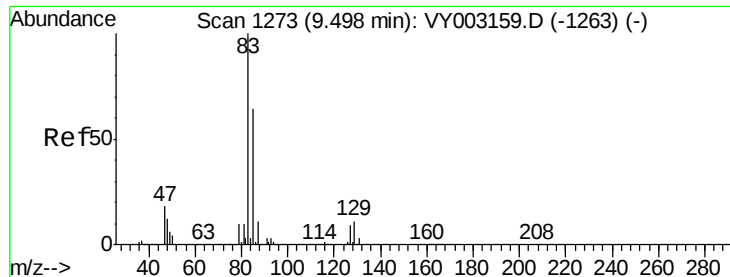
Tot Ion: 63 Resp: 93531  
 Ion Ratio Lower Upper  
 63 100  
 65 31.6 25.0 37.4



#46  
 Dibromomethane  
 Concen: 20.815 ug/l  
 RT: 9.31 min Scan# 1242  
 Delta R.T. 0.00 min  
 Lab File: VY003189.D  
 Acq: 14 Jul 2020 12:33

Tgt Ion: 93 Resp: 52807  
 Ion Ratio Lower Upper  
 93 100  
 95 83.3 66.6 99.8  
 174 112.3 90.2 135.4

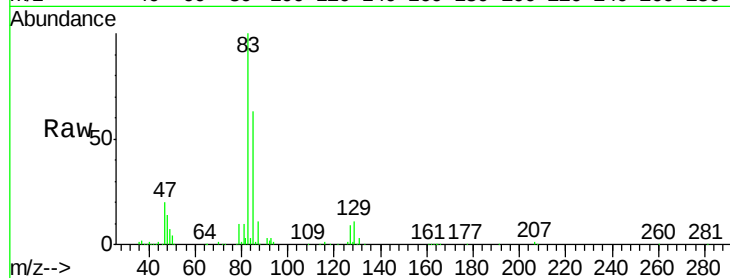




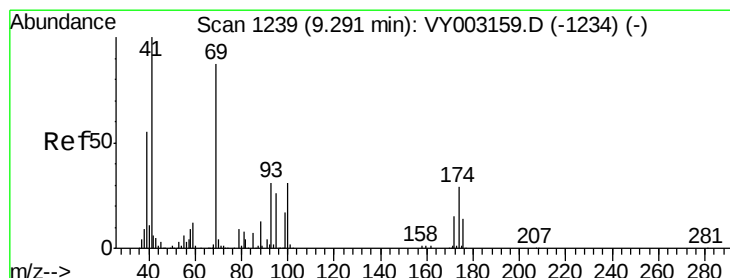
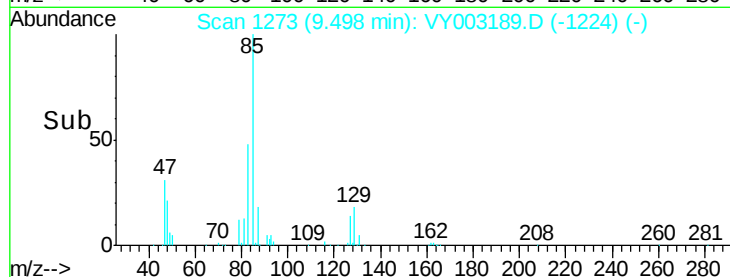
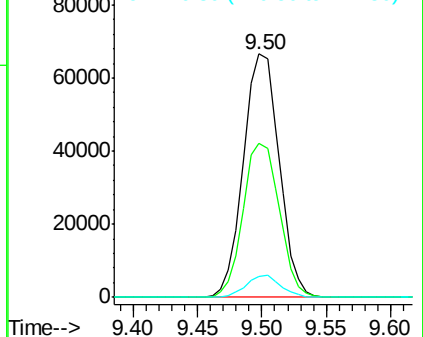
#47  
Bromodichloromethane  
Concen: 21.193 ug/l  
RT: 9.50 min Scan# 1273  
Delta R.T. 0.00 min  
Lab File: VY003189.D  
Acq: 14 Jul 2020 12:33

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0714SBS01

Tot Ion: 83 Resp: 127874  
Ion Ratio Lower Upper  
83 100  
85 63.4 50.9 76.3  
127 8.7 7.0 10.4

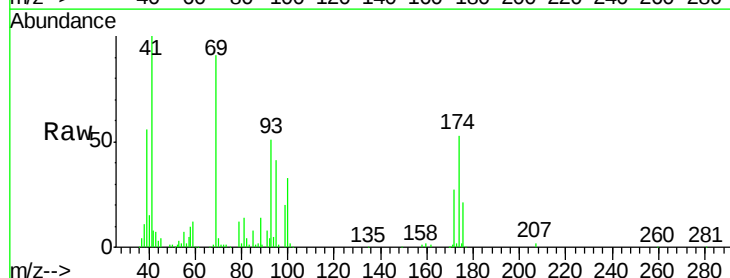


Abundance Ion 82.90 (82.60 to 83.60): VY0  
Ion 84.90 (84.60 to 85.60): VY0  
Ion 126.80 (126.50 to 127.50): VY0

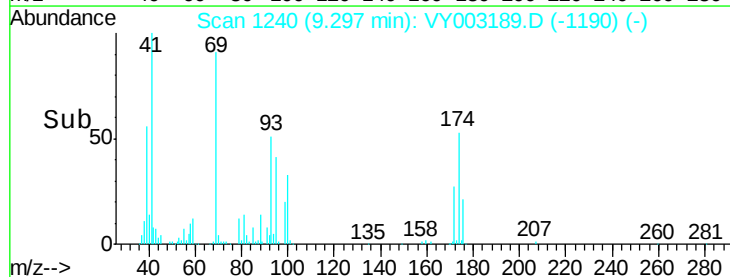
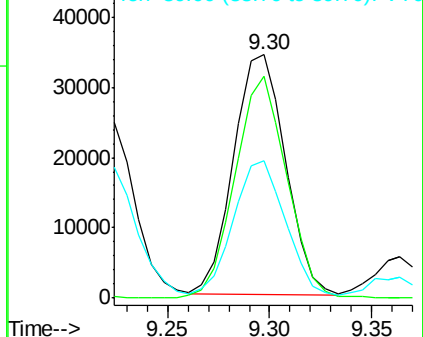


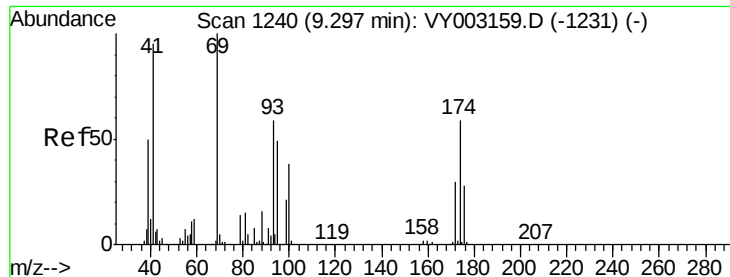
#48  
Methyl methacrylate  
Concen: 21.266 ug/l  
RT: 9.30 min Scan# 1240  
Delta R.T. 0.01 min  
Lab File: VY003189.D  
Acq: 14 Jul 2020 12:33

Tgt Ion: 41 Resp: 60418  
Ion Ratio Lower Upper  
41 100  
69 92.0 74.5 111.7  
39 55.9 47.5 71.3



Abundance Ion 41.00 (40.70 to 41.70): VY0  
Ion 69.00 (68.70 to 69.70): VY0  
Ion 39.00 (38.70 to 39.70): VY0





#49

1,4-Dioxane

Concen: 405.395 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA\_Y

ClientSampleId :

VY0714SBS01

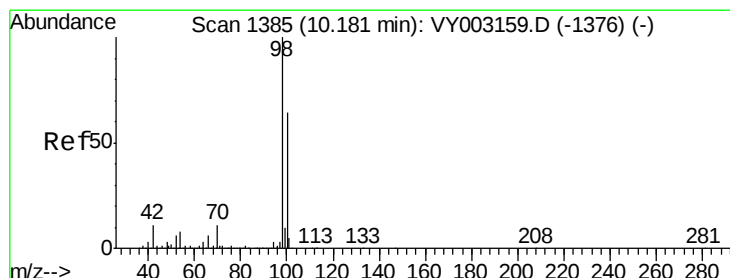
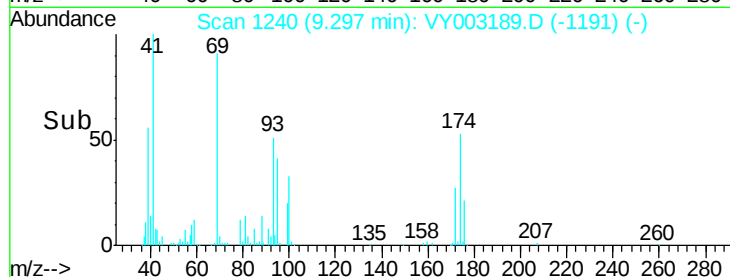
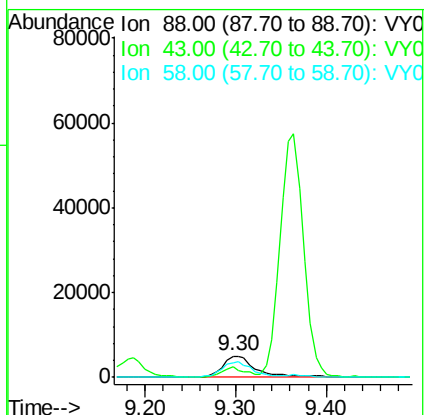
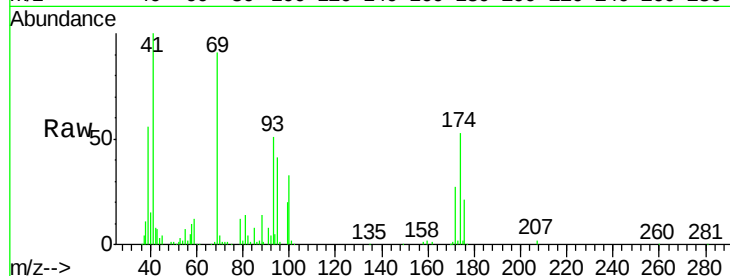
Tot Ion: 88 Resp: 13053

Ion Ratio Lower Upper

88 100

43 30.8 25.6 38.4

58 65.9 47.8 71.6



#50

Toluene-d8

Concen: 48.624 ug/l

RT: 10.18 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VY003189.D

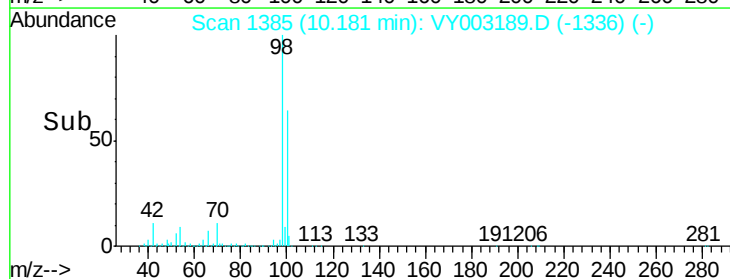
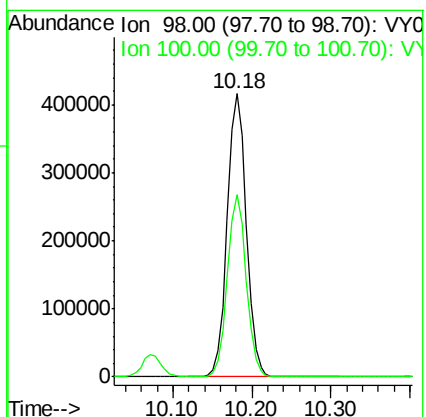
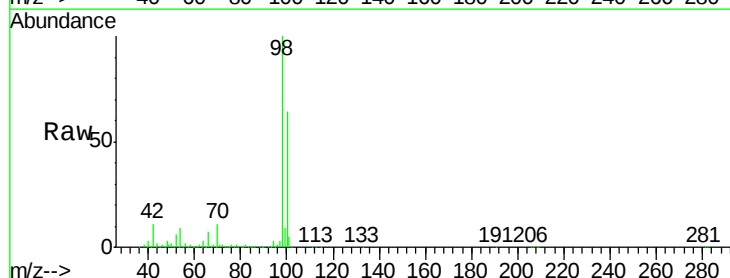
Acq: 14 Jul 2020 12:33

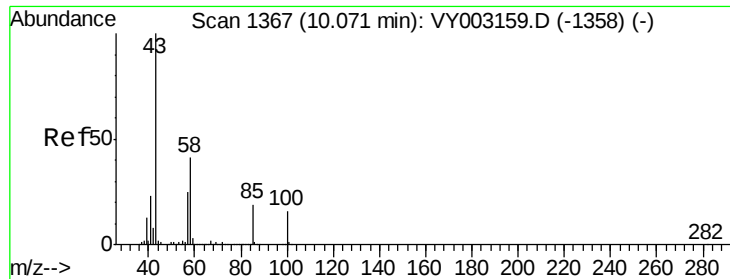
Tgt Ion: 98 Resp: 699792

Ion Ratio Lower Upper

98 100

100 63.5 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 108.263 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA\_Y

ClientSampleId :

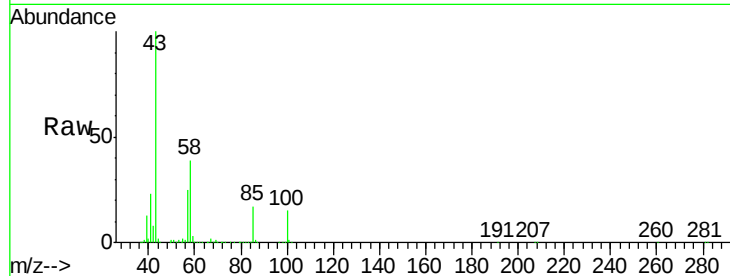
VY0714SBS01

Tot Ion: 43 Resp: 357609

Ion Ratio Lower Upper

43 100

58 39.3 32.7 49.1



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 58.00 (57.70 to 58.70): VY0

10.07

200000

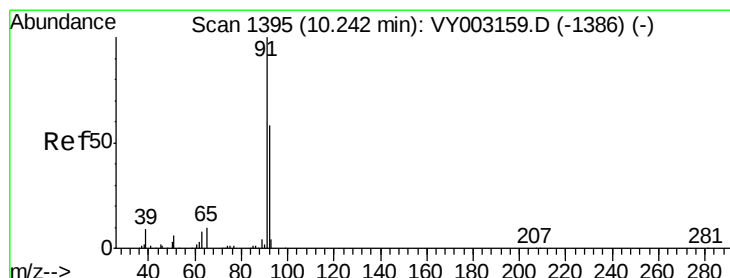
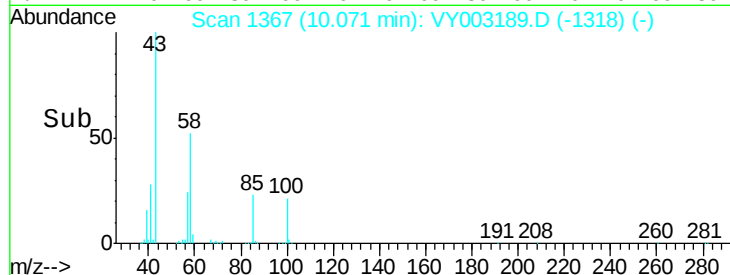
150000

100000

50000

0

Time--> 9.90 10.00 10.10



#52

Toluene

Concen: 21.135 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. 0.00 min

Lab File: VY003189.D

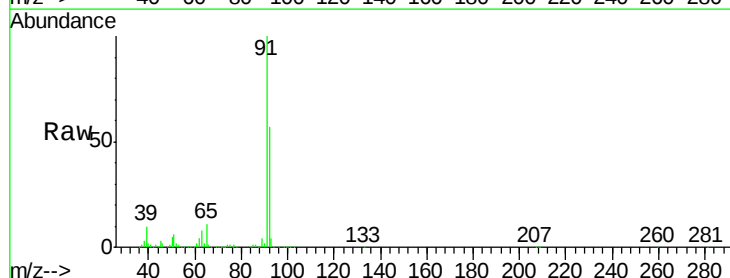
Acq: 14 Jul 2020 12:33

Tgt Ion: 92 Resp: 226766

Ion Ratio Lower Upper

92 100

91 174.5 139.7 209.5



Abundance Ion 92.00 (91.70 to 92.70): VY0

Ion 91.00 (90.70 to 91.70): VY0

10.24

250000

200000

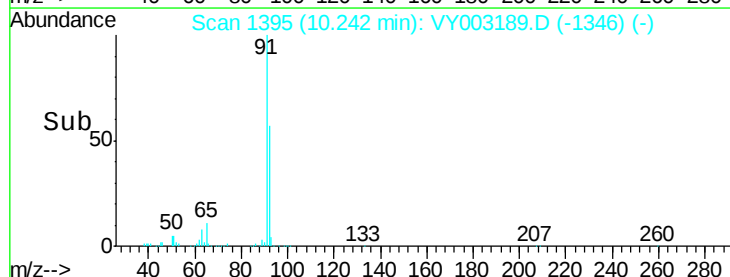
150000

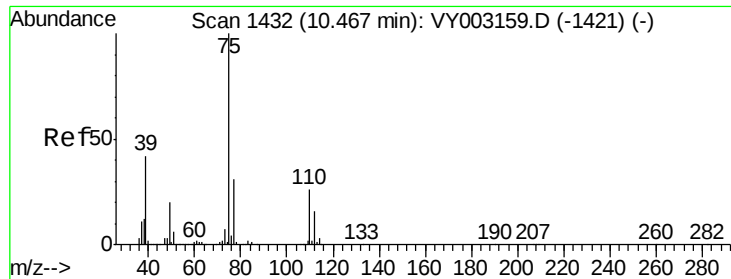
100000

50000

0

Time--> 10.20 10.30





#53

t-1,3-Dichloropropene

Concen: 21.243 ug/l

RT: 10.47 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA\_Y

ClientSampleId :

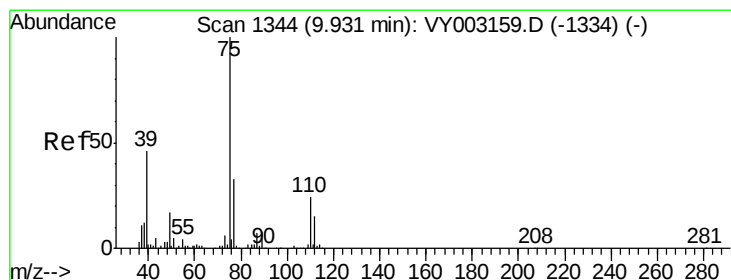
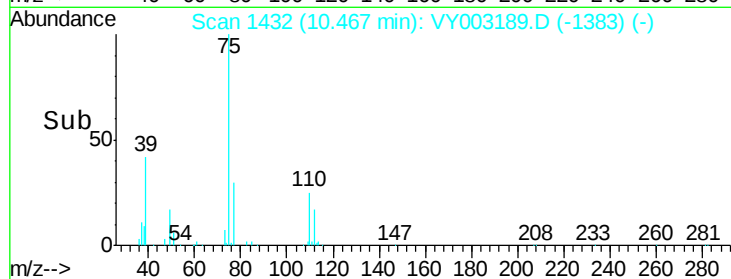
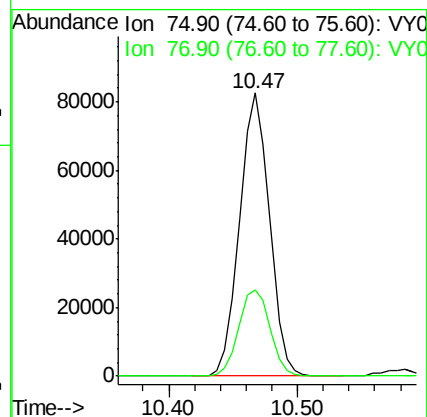
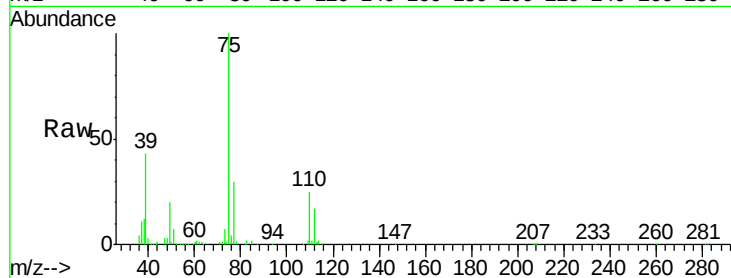
VY0714SBS01

Tot Ion: 75 Resp: 132803

Ion Ratio Lower Upper

75 100

77 30.3 25.2 37.8



#54

cis-1,3-Dichloropropene

Concen: 21.117 ug/l

RT: 9.93 min Scan# 1344

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

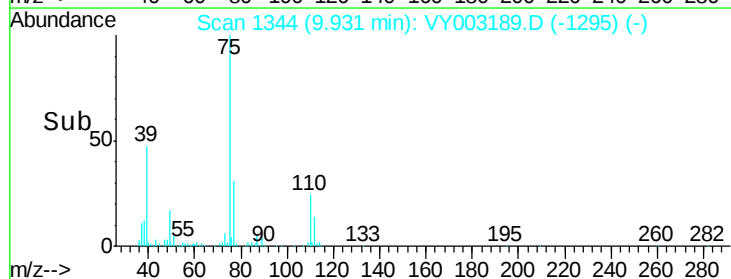
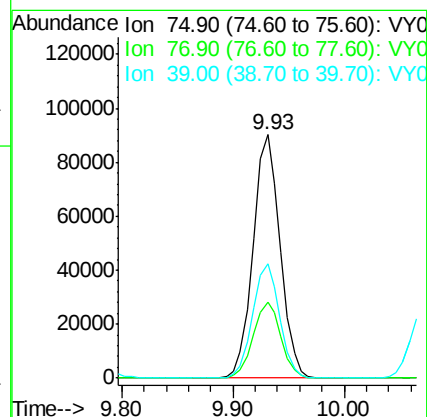
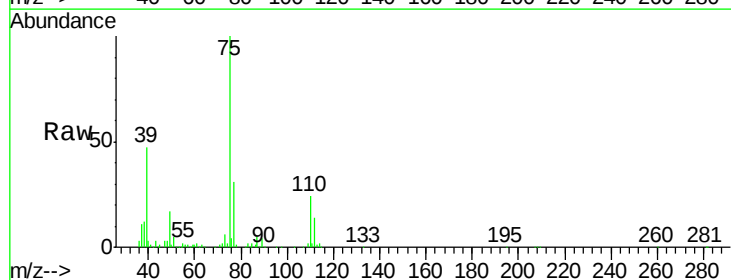
Tgt Ion: 75 Resp: 152104

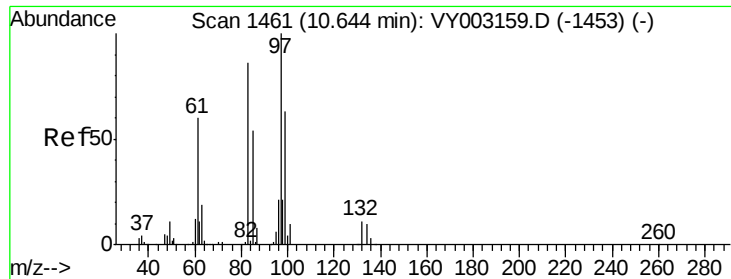
Ion Ratio Lower Upper

75 100

77 31.3 26.7 40.1

39 46.6 37.0 55.6

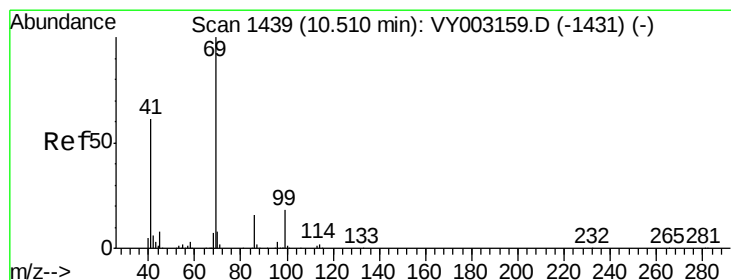
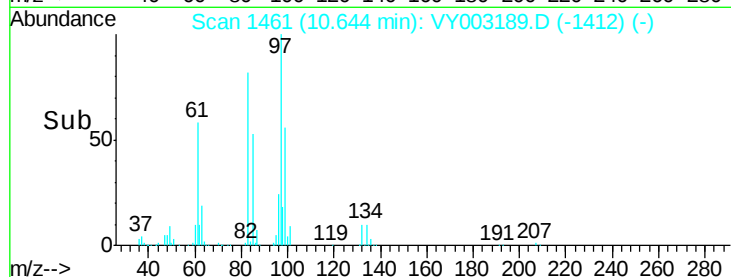
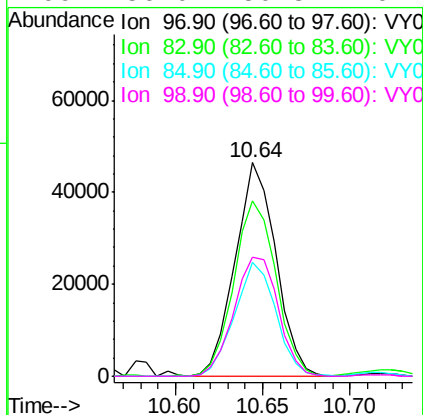
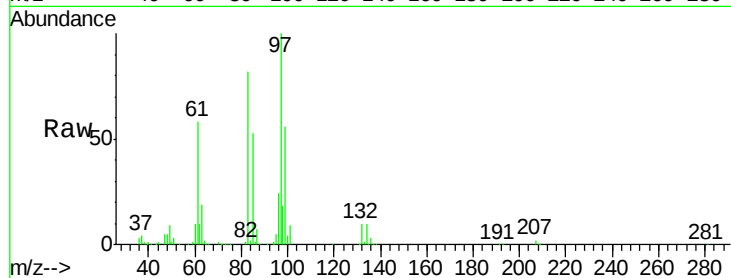




#55  
 1,1,2-Trichloroethane  
 Concen: 20.996 ug/l  
 RT: 10.64 min Scan# 1461  
 Delta R.T. 0.00 min  
 Lab File: VY003189.D  
 Acq: 14 Jul 2020 12:33

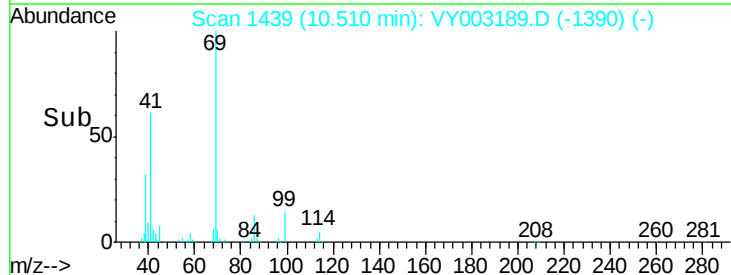
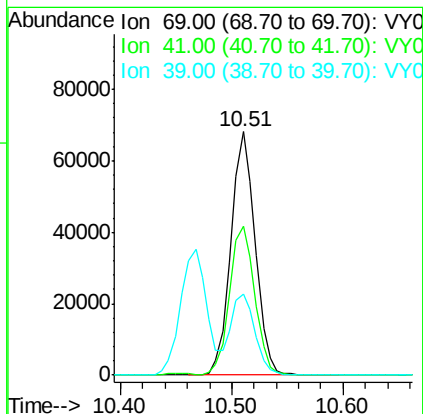
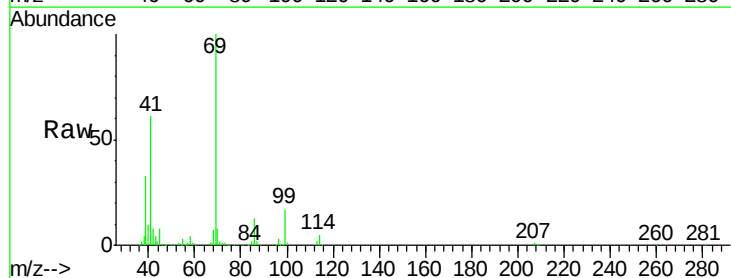
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0714SBS01

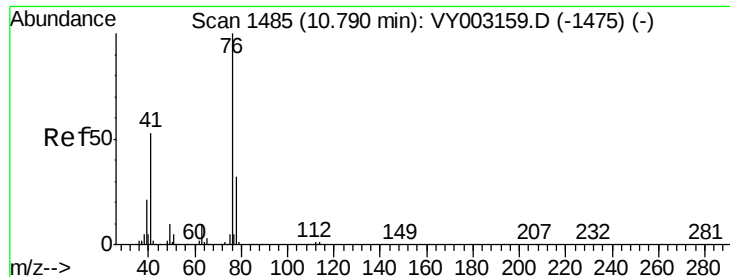
Tot Ion: 97 Resp: 75480  
 Ion Ratio Lower Upper  
 97 100  
 83 81.8 68.8 103.2  
 85 53.2 43.1 64.7  
 99 56.0 50.8 76.2



#56  
 Ethyl methacrylate  
 Concen: 21.048 ug/l  
 RT: 10.51 min Scan# 1439  
 Delta R.T. 0.00 min  
 Lab File: VY003189.D  
 Acq: 14 Jul 2020 12:33

Tgt Ion: 69 Resp: 102872  
 Ion Ratio Lower Upper  
 69 100  
 41 62.9 50.0 75.0  
 39 34.9 27.6 41.4





#57

1,3-Dichloropropane

Concen: 21.018 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA\_Y

ClientSampleId :

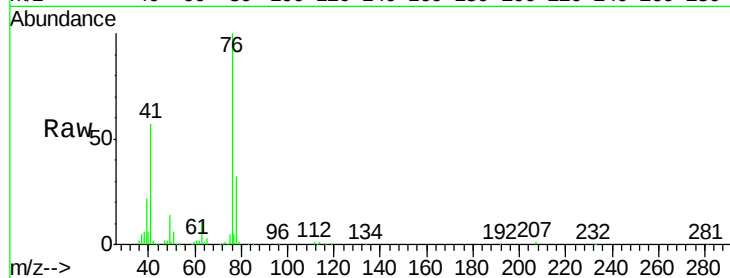
VY0714SBS01

Tot Ion: 76 Resp: 128113

Ion Ratio Lower Upper

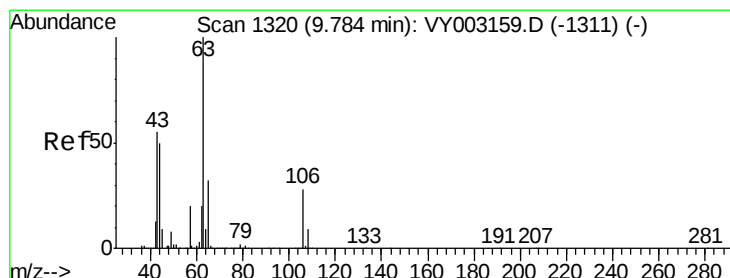
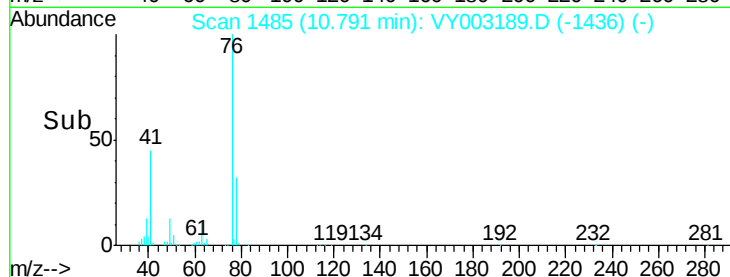
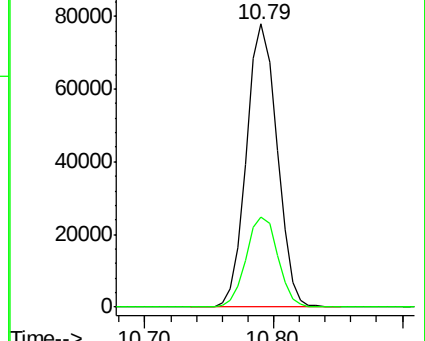
76 100

78 33.0 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0



#58

2-Chloroethyl Vinyl ether

Concen: 104.798 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY003189.D

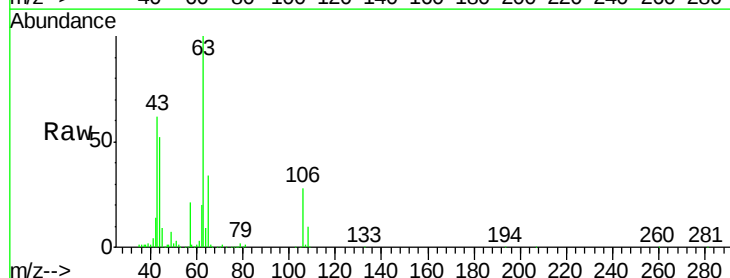
Acq: 14 Jul 2020 12:33

Tgt Ion: 63 Resp: 261221

Ion Ratio Lower Upper

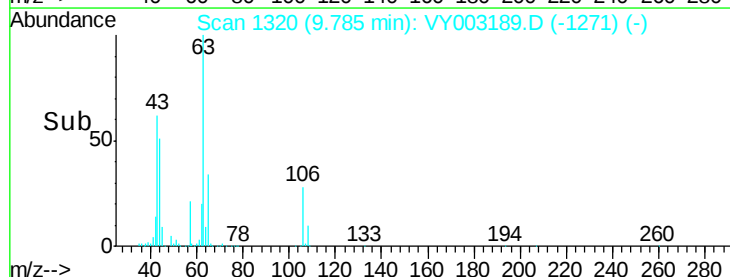
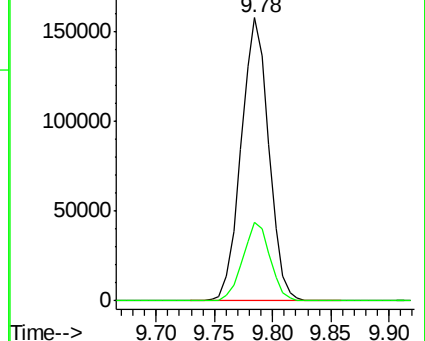
63 100

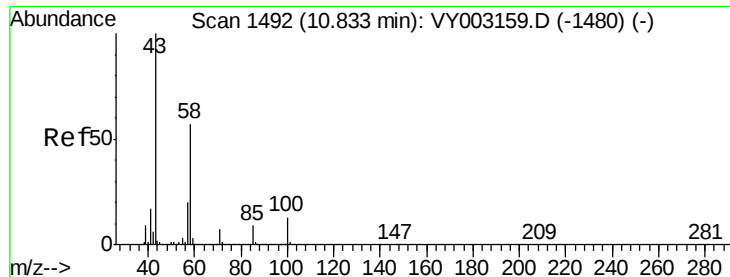
106 27.4 22.9 34.3



Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 105.90 (105.60 to 106.60): V

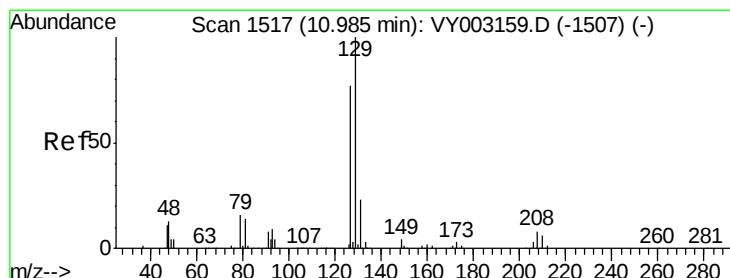
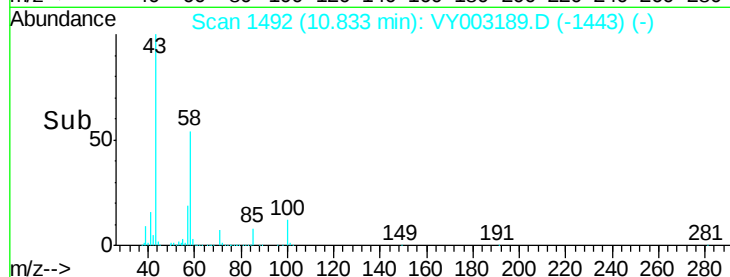
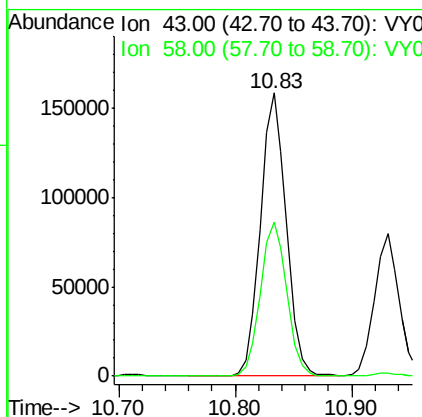
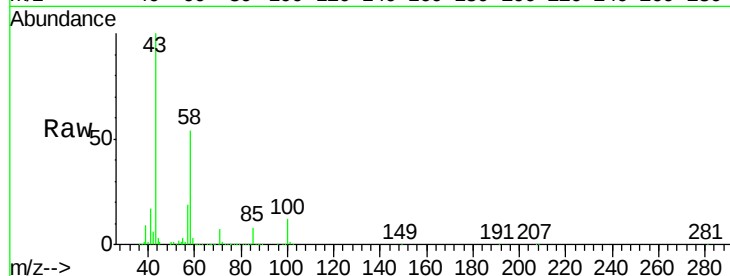




#59  
2-Hexanone  
Concen: 106.157 ug/l  
RT: 10.83 min Scan# 1492  
Delta R.T. 0.00 min  
Lab File: VY003189.D  
Acq: 14 Jul 2020 12:33

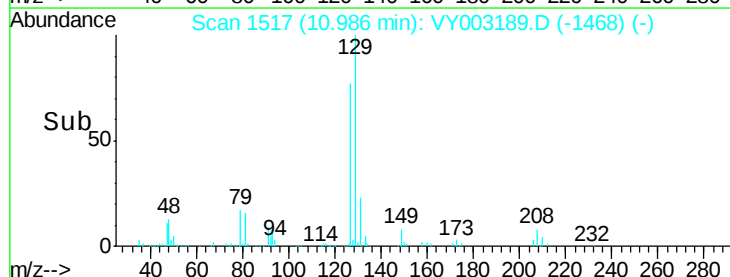
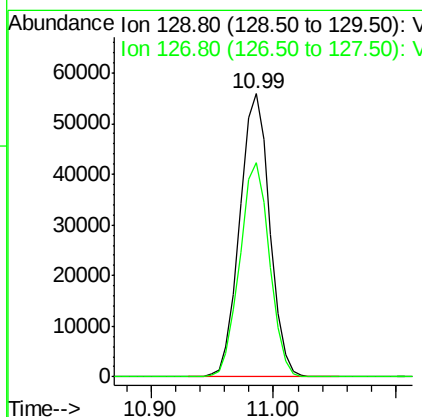
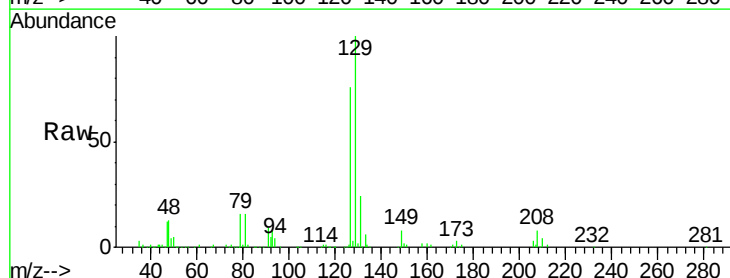
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0714SBS01

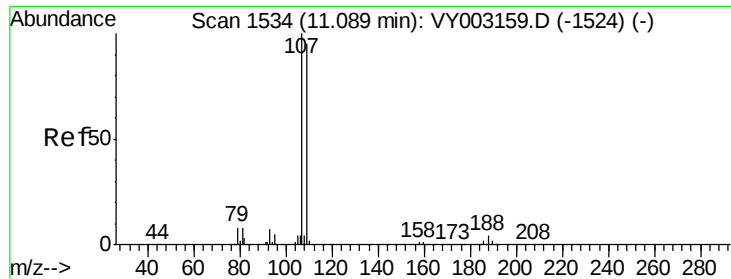
Tot Ion: 43 Resp: 244781  
Ion Ratio Lower Upper  
43 100  
58 55.7 28.3 85.0



#60  
Dibromochloromethane  
Concen: 20.967 ug/l  
RT: 10.99 min Scan# 1517  
Delta R.T. 0.00 min  
Lab File: VY003189.D  
Acq: 14 Jul 2020 12:33

Tgt Ion: 129 Resp: 94806  
Ion Ratio Lower Upper  
129 100  
127 75.4 38.5 115.5

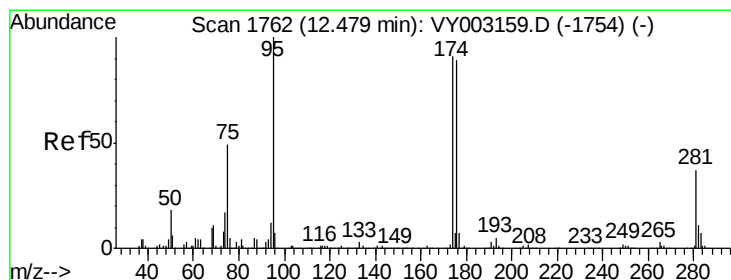
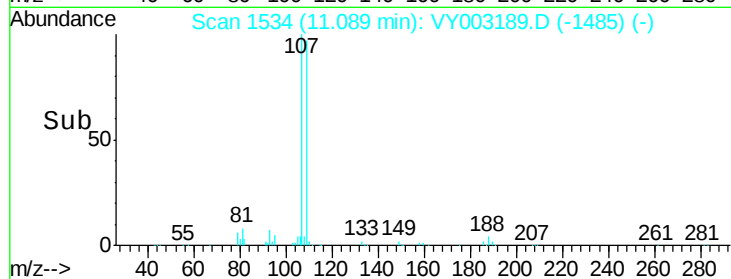
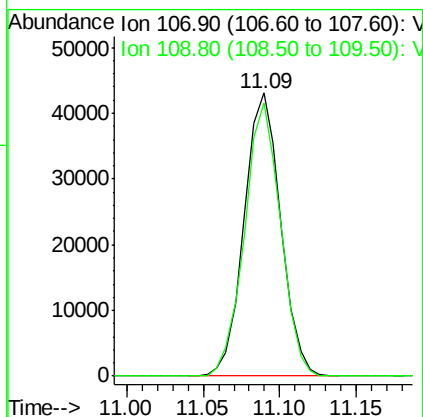
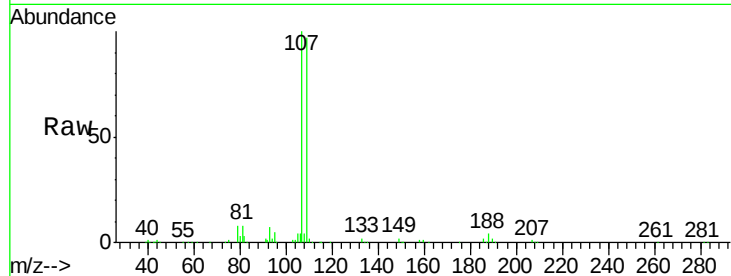




#61  
 1,2-Dibromoethane  
 Concen: 20.154 ug/l  
 RT: 11.09 min Scan# 1534  
 Delta R.T. 0.00 min  
 Lab File: VY003189.D  
 Acq: 14 Jul 2020 12:33

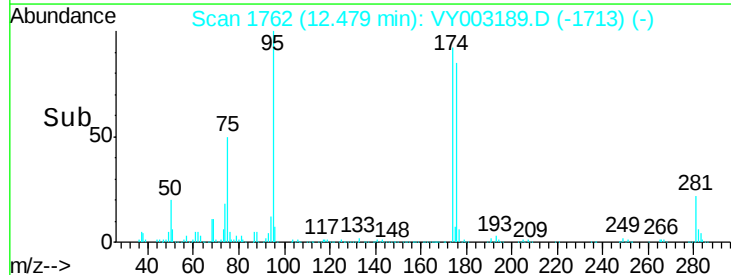
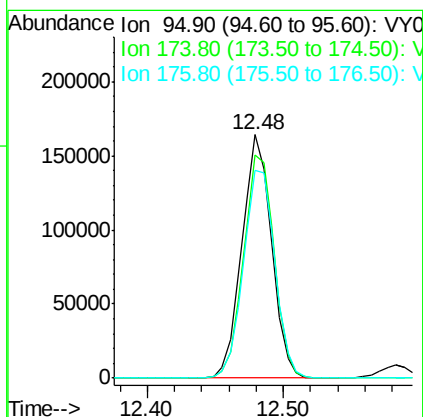
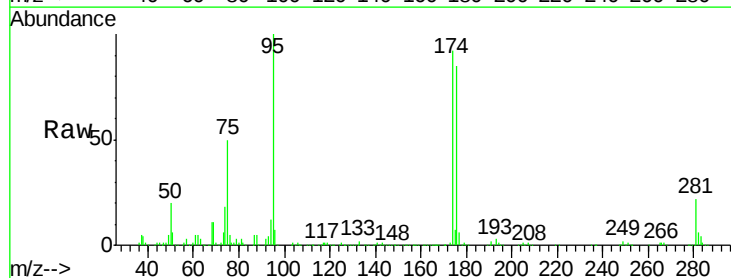
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0714SBS01

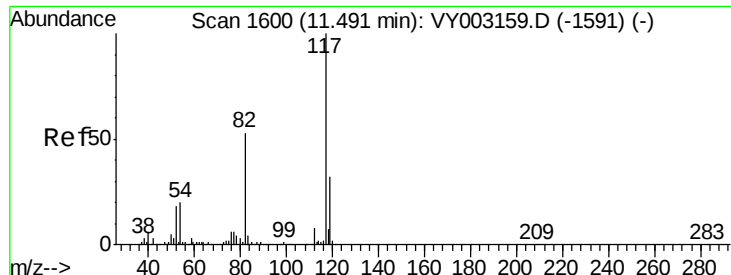
Tot Ion: 107 Resp: 71509  
 Ion Ratio Lower Upper  
 107 100  
 109 95.3 75.6 113.4



#62  
 4-Bromofluorobenzene  
 Concen: 48.131 ug/l  
 RT: 12.48 min Scan# 1762  
 Delta R.T. 0.00 min  
 Lab File: VY003189.D  
 Acq: 14 Jul 2020 12:33

Tgt Ion: 95 Resp: 250241  
 Ion Ratio Lower Upper  
 95 100  
 174 94.9 0.0 190.6  
 176 90.9 0.0 186.4

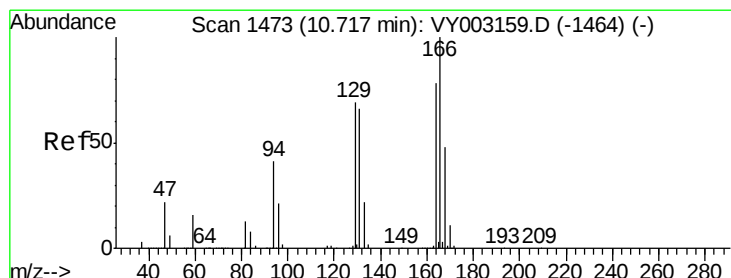
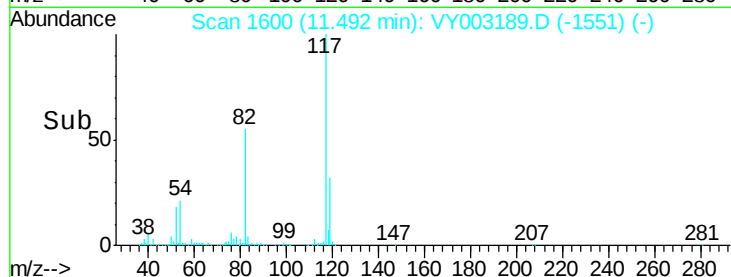
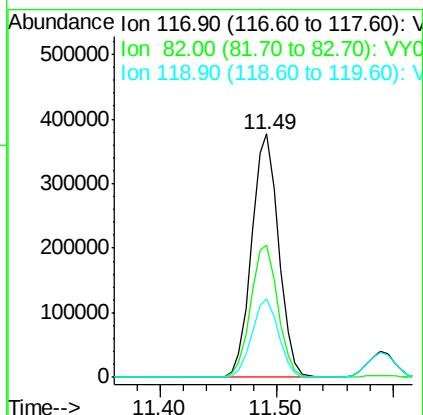
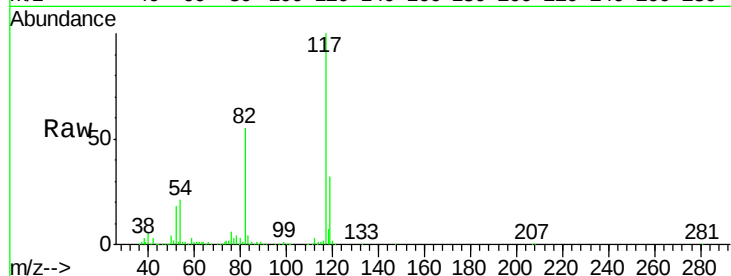




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.49 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: VY003189.D  
Acq: 14 Jul 2020 12:33

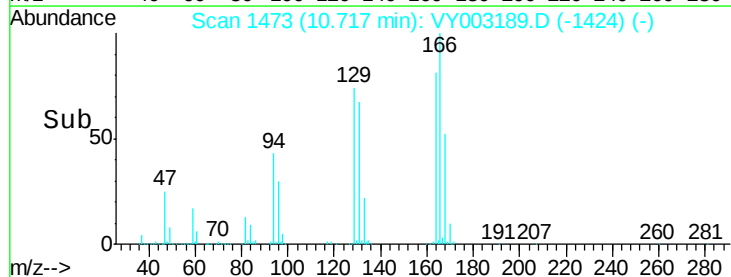
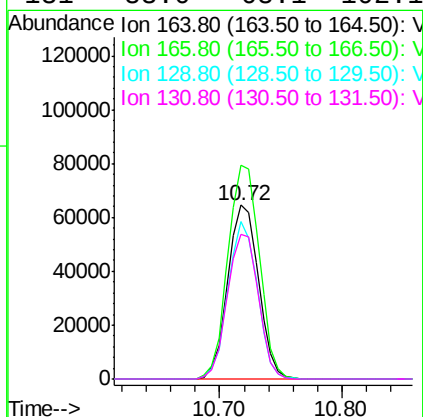
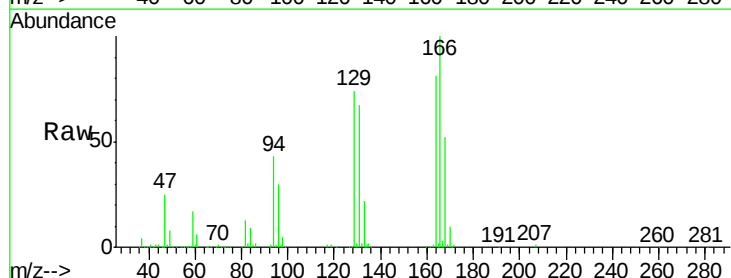
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0714SBS01

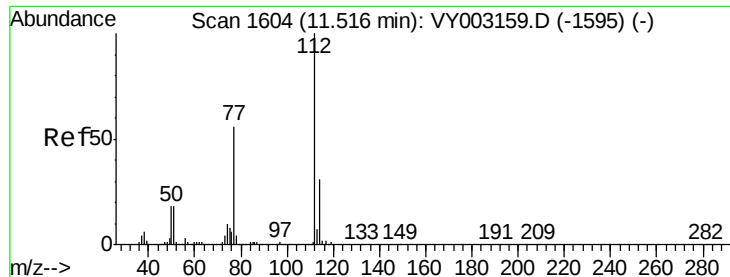
Tot Ion:117 Resp: 608923  
Ion Ratio Lower Upper  
117 100  
82 54.5 42.0 63.0  
119 32.1 25.5 38.3



#64  
Tetrachloroethene  
Concen: 20.670 ug/l  
RT: 10.72 min Scan# 1473  
Delta R.T. 0.00 min  
Lab File: VY003189.D  
Acq: 14 Jul 2020 12:33

Tgt Ion:164 Resp: 112224  
Ion Ratio Lower Upper  
164 100  
166 123.0 102.9 154.3  
129 90.8 71.4 107.2  
131 83.0 68.1 102.1





#65

Chlorobenzene

Concen: 21.085 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA\_Y

ClientSampleId :

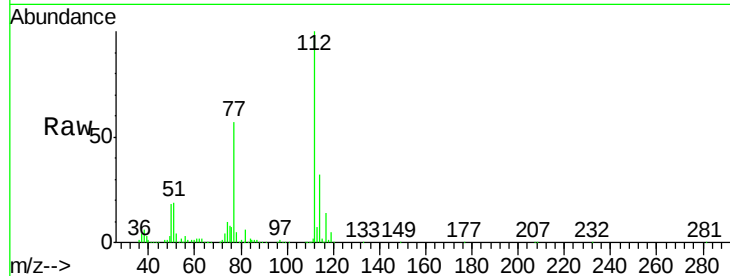
VY0714SBS01

Tot Ion:112 Resp: 247336

Ion Ratio Lower Upper

112 100

114 31.9 24.7 37.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

11.52

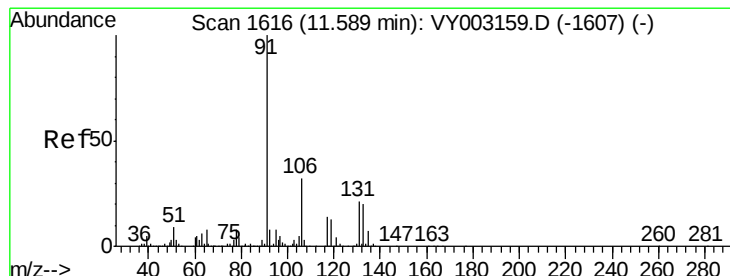
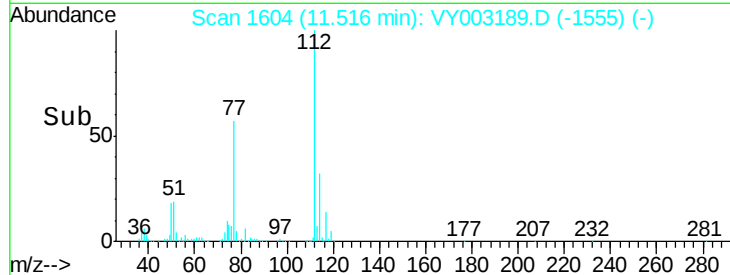
150000

100000

50000

0

Time--> 11.40 11.50 11.60



#66

1,1,1,2-Tetrachloroethane

Concen: 20.861 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

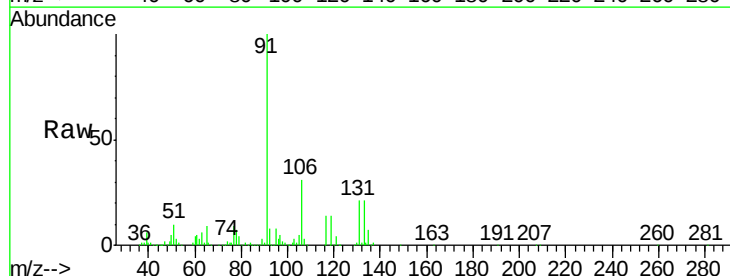
Tgt Ion:131 Resp: 95042

Ion Ratio Lower Upper

131 100

133 96.7 48.0 144.0

119 66.4 32.4 97.0



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

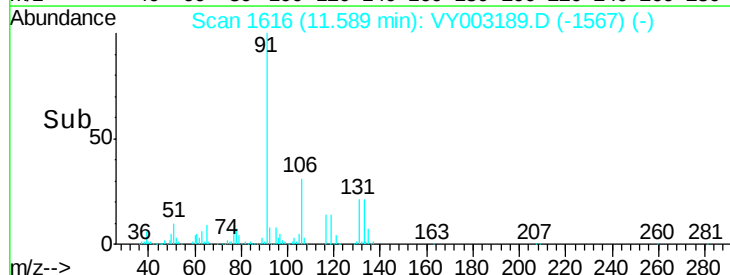
150000

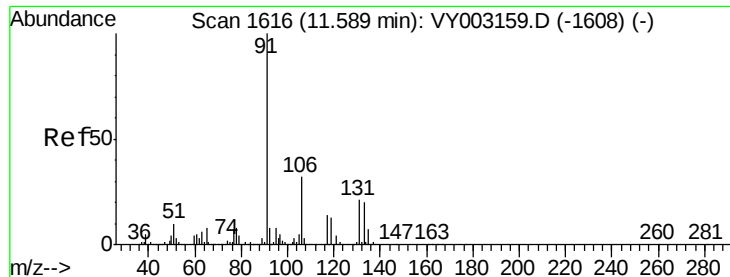
100000

50000

0

Time--> 11.50 11.55 11.60 11.65





#67

Ethyl Benzene

Concen: 21.300 ug/l

RT: 11.60 min Scan# 1617

Delta R.T. 0.01 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA\_Y

ClientSampleId :

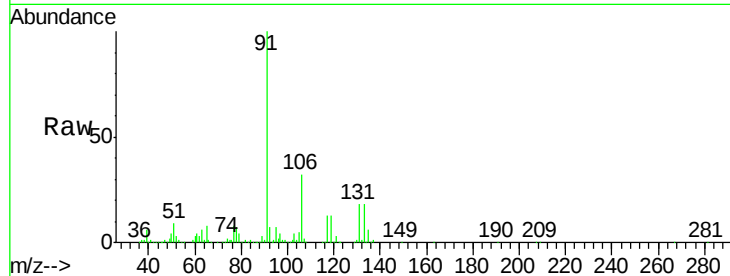
VY0714SBS01

Tot Ion: 91 Resp: 446125

Ion Ratio Lower Upper

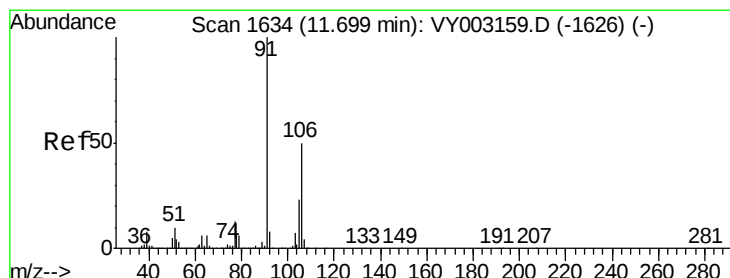
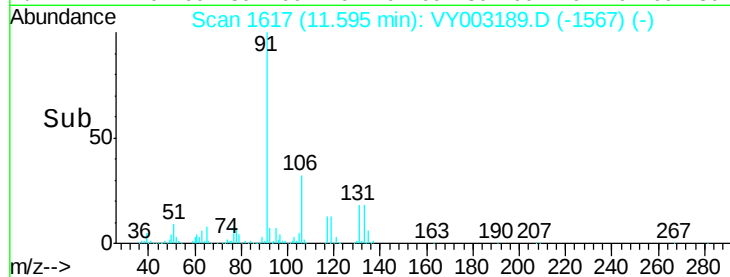
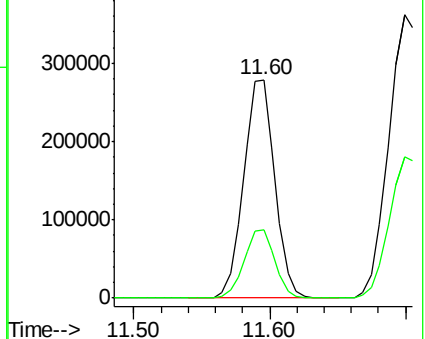
91 100

106 31.5 25.5 38.3



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 42.185 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY003189.D

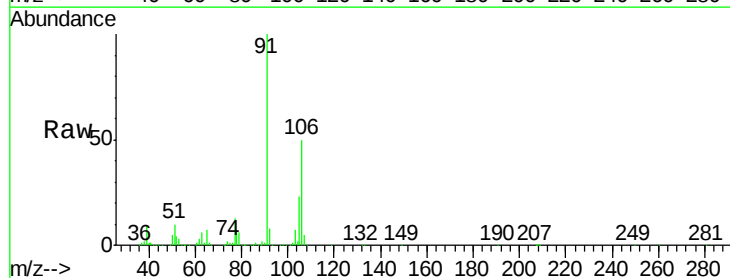
Acq: 14 Jul 2020 12:33

Tgt Ion: 106 Resp: 335246

Ion Ratio Lower Upper

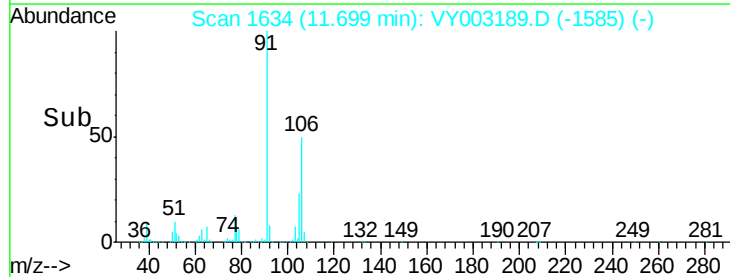
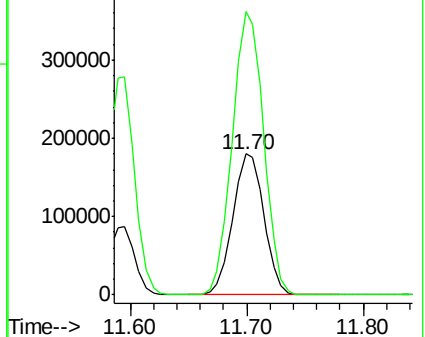
106 100

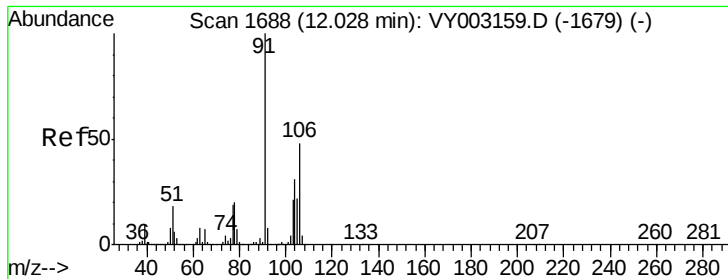
91 202.0 159.0 238.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VY0

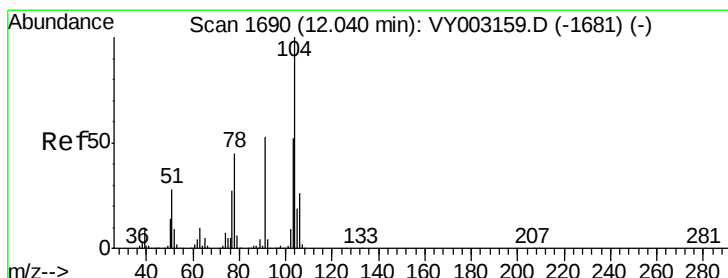
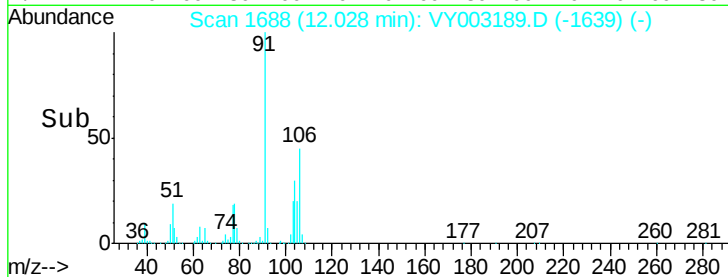
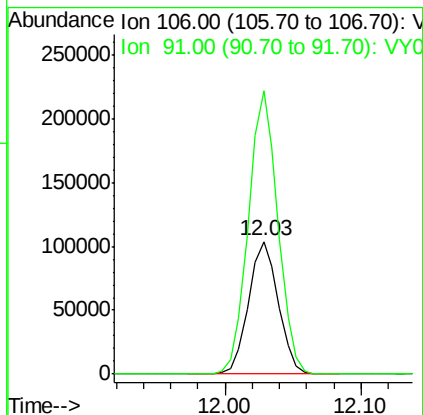
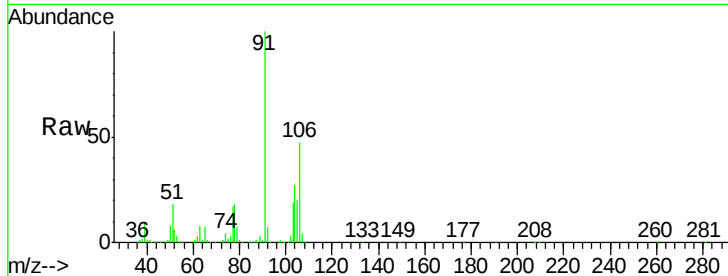




#69  
o-Xylene  
Concen: 21.420 ug/l  
RT: 12.03 min Scan# 1688  
Delta R.T. 0.00 min  
Lab File: VY003189.D  
Acq: 14 Jul 2020 12:33

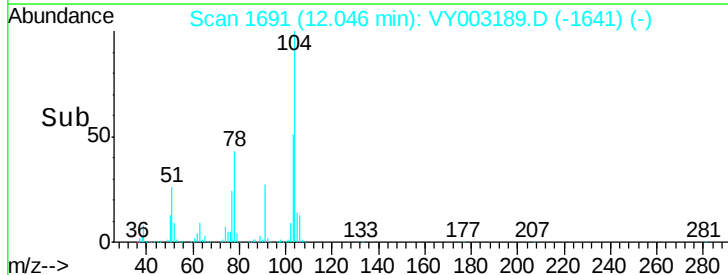
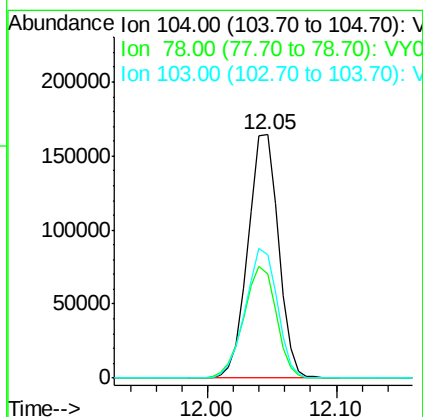
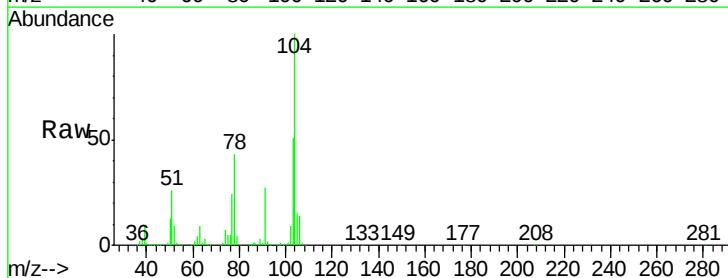
Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0714SBS01

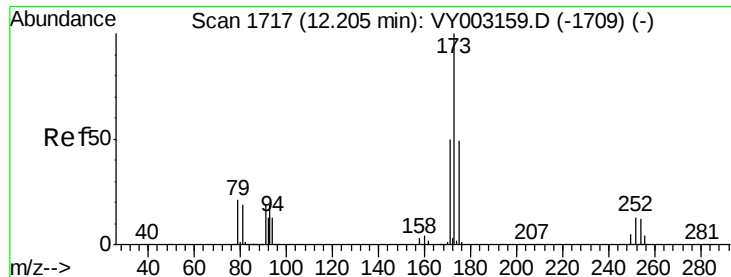
Tot Ion:106 Resp: 159028  
Ion Ratio Lower Upper  
106 100  
91 211.5 105.1 315.1



#70  
Styrene  
Concen: 21.144 ug/l  
RT: 12.05 min Scan# 1691  
Delta R.T. 0.01 min  
Lab File: VY003189.D  
Acq: 14 Jul 2020 12:33

Tgt Ion:104 Resp: 268535  
Ion Ratio Lower Upper  
104 100  
78 49.2 38.5 57.7  
103 56.0 43.9 65.9





#71

Bromoform

Concen: 20.726 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA\_Y

ClientSampleId :

VY0714SBS01

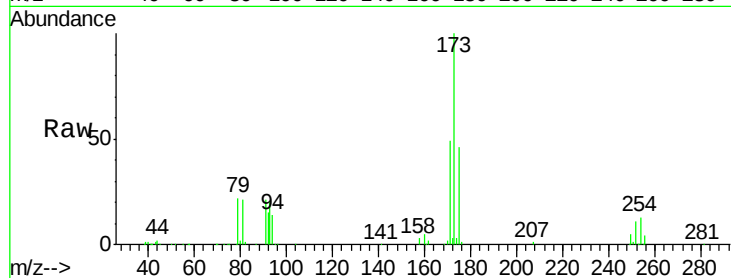
Tot Ion:173 Resp: 61977

Ion Ratio Lower Upper

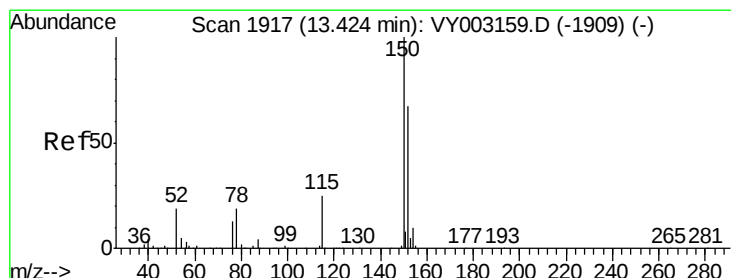
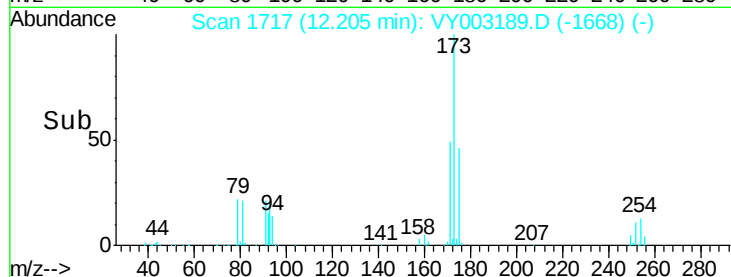
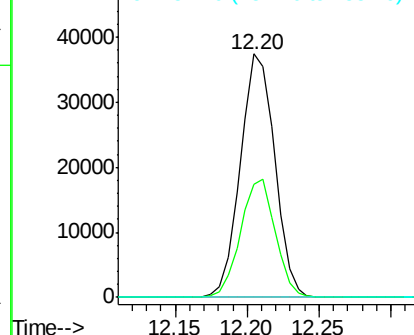
173 100

175 48.9 24.3 73.0

254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

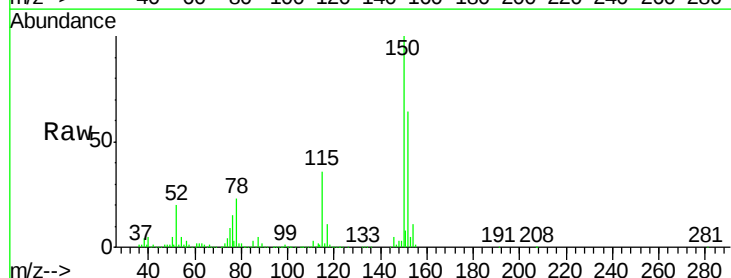
Tgt Ion:152 Resp: 327209

Ion Ratio Lower Upper

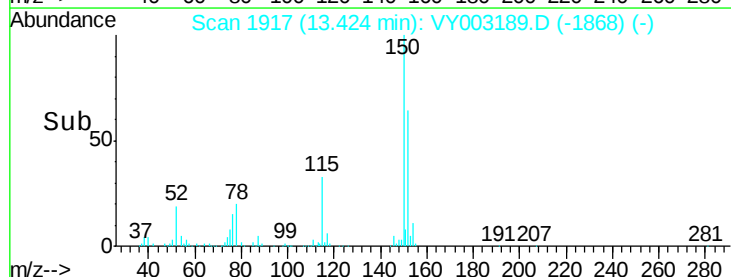
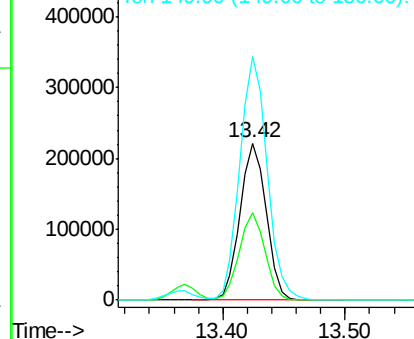
152 100

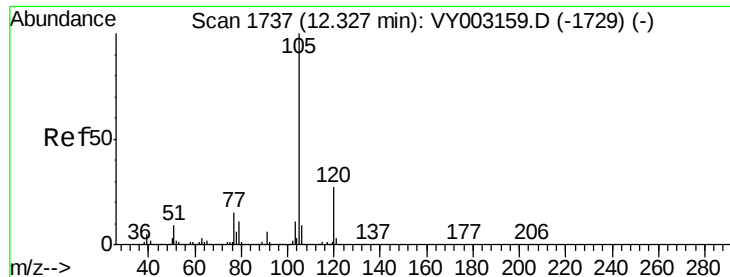
115 54.7 26.9 80.7

150 161.7 0.0 338.0



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.879 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA\_Y

ClientSampleId :

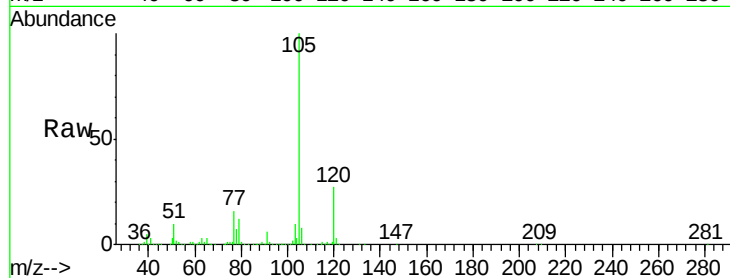
VY0714SBS01

Tot Ion:105 Resp: 435361

Ion Ratio Lower Upper

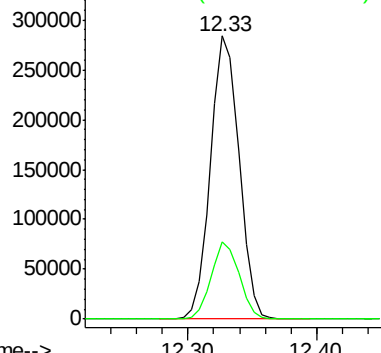
105 100

120 26.7 13.4 40.2

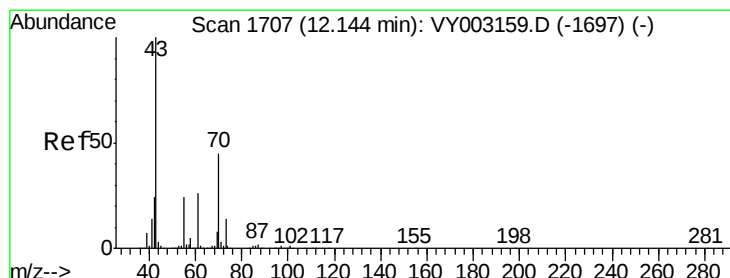
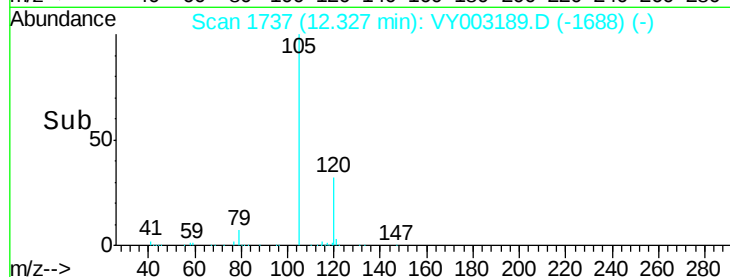


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 21.601 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Tgt Ion: 43 Resp: 126383

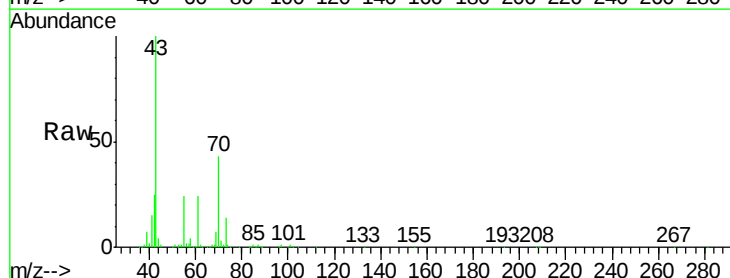
Ion Ratio Lower Upper

43 100

70 43.9 35.6 53.4

55 24.1 19.4 29.2

61 24.9 20.8 31.2

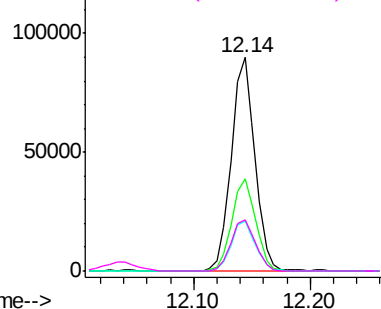


Abundance Ion 43.00 (42.70 to 43.70): VY0

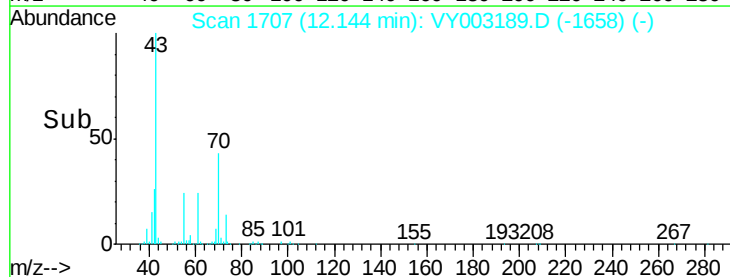
Ion 70.00 (69.70 to 70.70): VY0

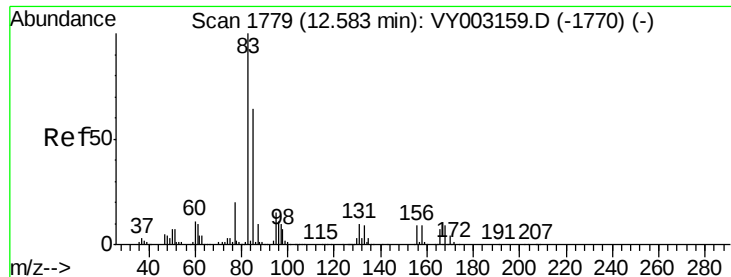
Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 21.037 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA\_Y

ClientSampleId :

VY0714SBS01

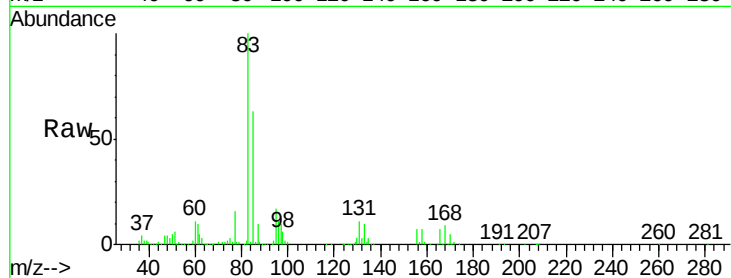
Tot Ion: 83 Resp: 84721

Ion Ratio Lower Upper

83 100

131 11.0 5.2 15.6

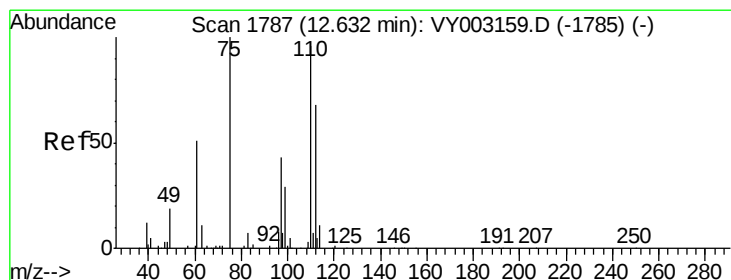
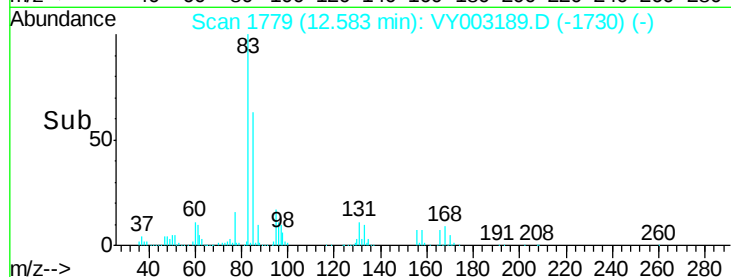
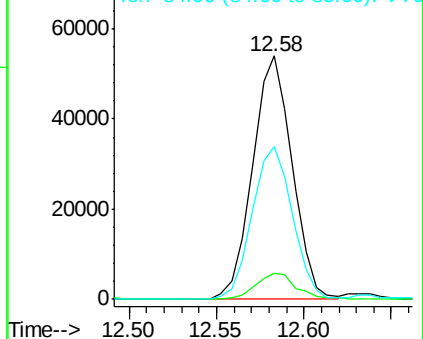
85 64.1 32.0 96.0



Abundance Ion 82.90 (82.60 to 83.60): VY0

Ion 130.80 (130.50 to 131.50): VY0

Ion 84.90 (84.60 to 85.60): VY0



#76

1,2,3-Trichloropropane

Concen: 20.902 ug/l m

RT: 12.63 min Scan# 1787

Delta R.T. 0.00 min

Lab File: VY003189.D

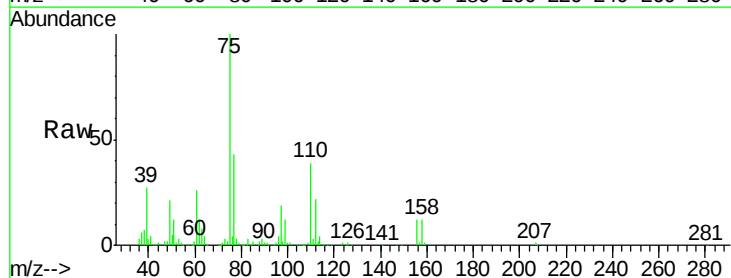
Acq: 14 Jul 2020 12:33

Tgt Ion: 75 Resp: 60541

Ion Ratio Lower Upper

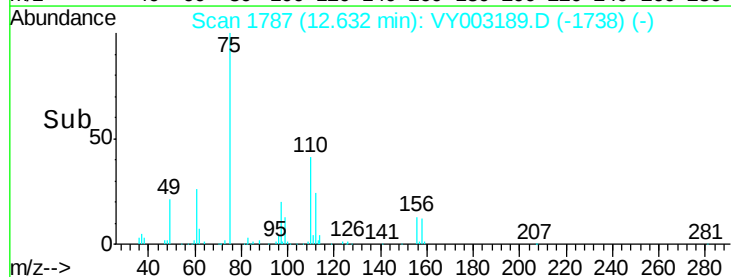
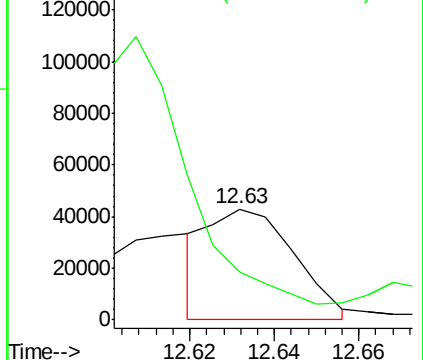
75 100

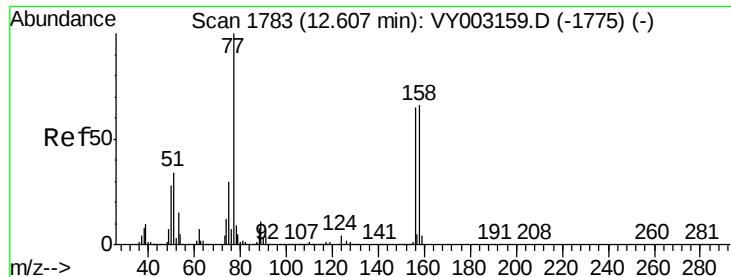
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 77.00 (76.70 to 77.70): VY0





#77

Bromobenzene

Concen: 20.970 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA\_Y

ClientSampleId :

VY0714SBS01

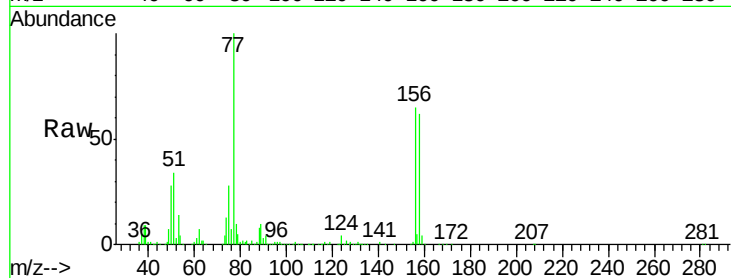
Tot Ion:156 Resp: 111460

Ion Ratio Lower Upper

156 100

77 174.0 86.6 259.7

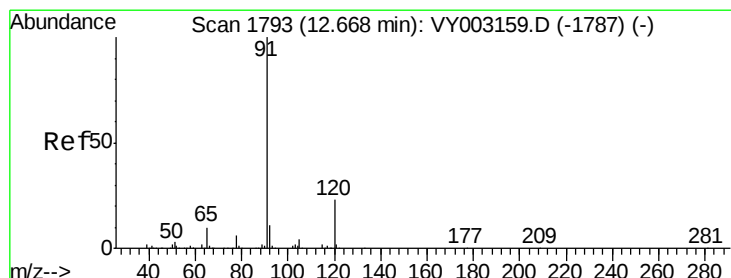
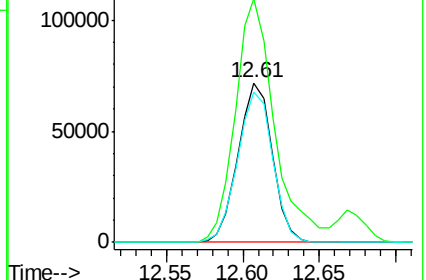
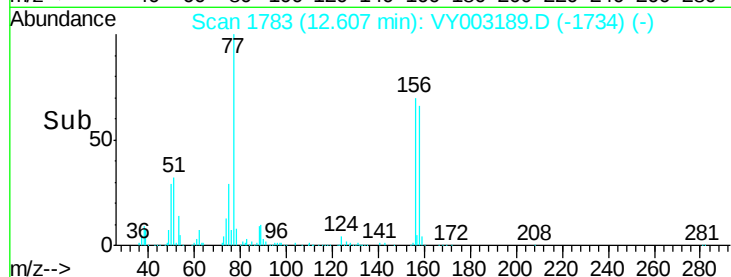
158 97.7 49.4 148.0



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.337 ug/l

RT: 12.67 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VY003189.D

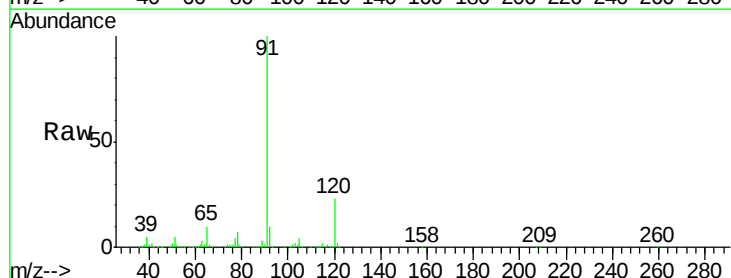
Acq: 14 Jul 2020 12:33

Tgt Ion: 91 Resp: 524439

Ion Ratio Lower Upper

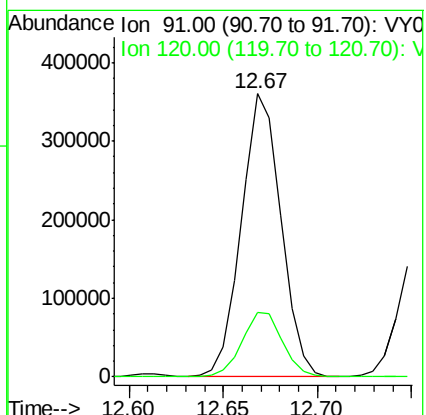
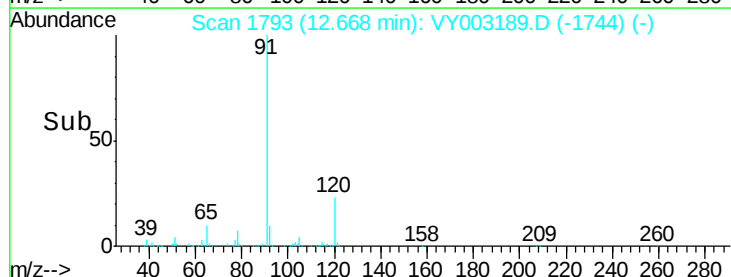
91 100

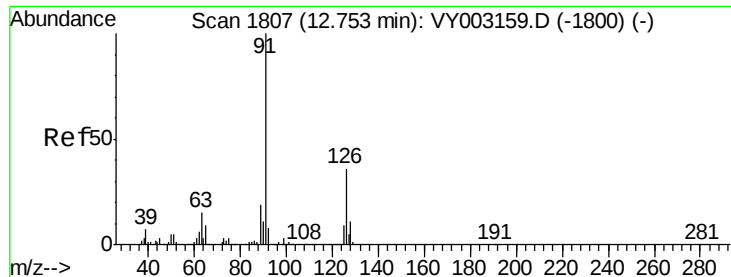
120 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.060 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA\_Y

ClientSampleId :

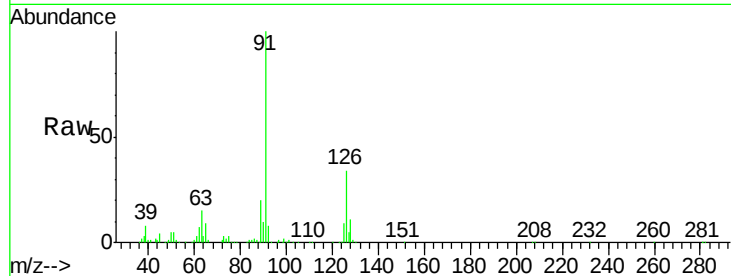
VY0714SBSD01

Tot Ion: 91 Resp: 288807

Ion Ratio Lower Upper

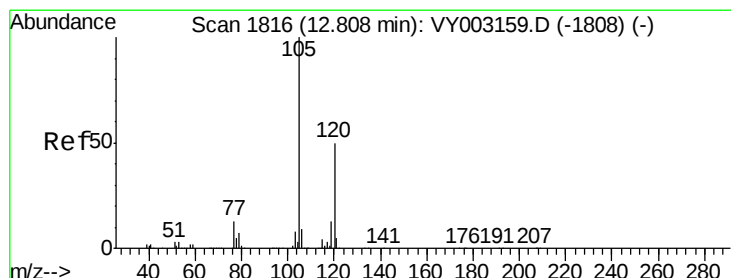
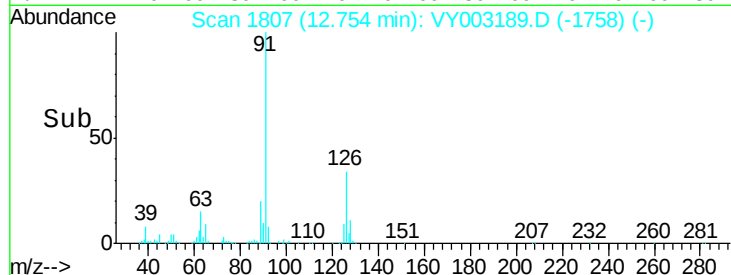
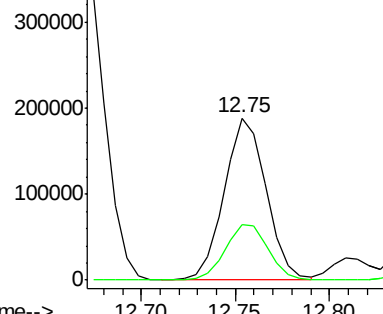
91 100

126 35.1 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 21.133 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY003189.D

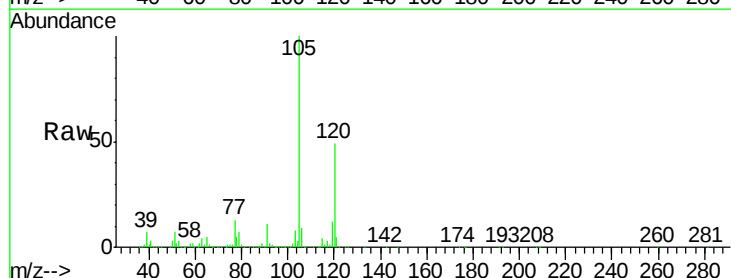
Acq: 14 Jul 2020 12:33

Tgt Ion: 105 Resp: 367268

Ion Ratio Lower Upper

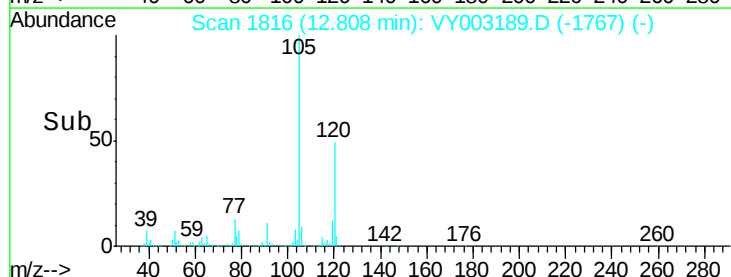
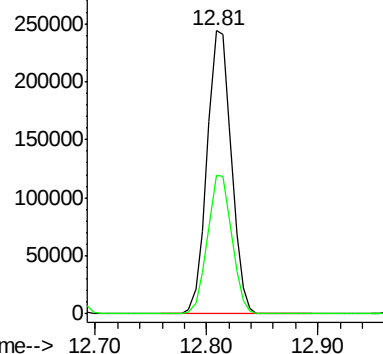
105 100

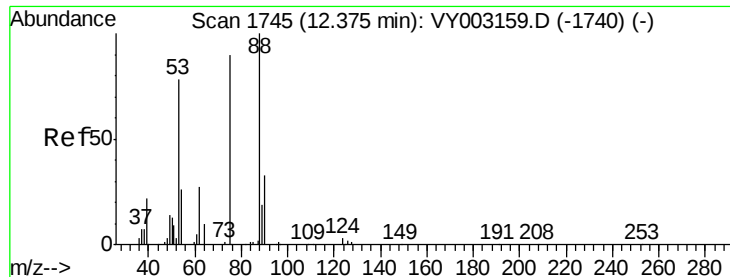
120 49.1 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 20.885 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA\_Y

ClientSampleId :

VY0714SBS01

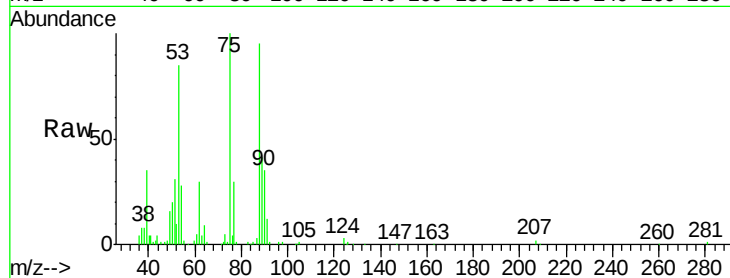
Tot Ion: 75 Resp: 31082

Ion Ratio Lower Upper

75 100

53 86.7 72.0 108.0

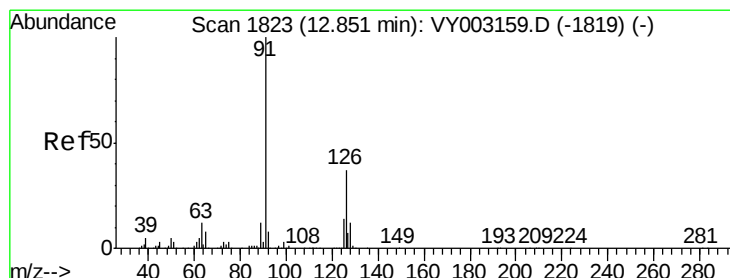
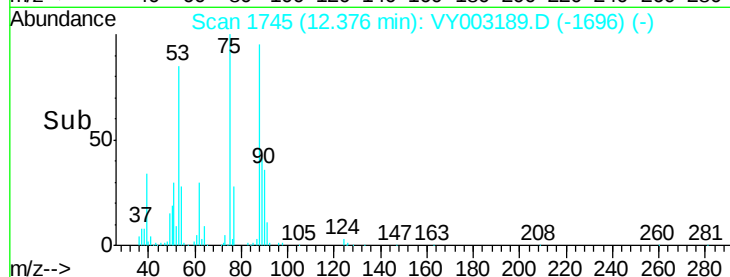
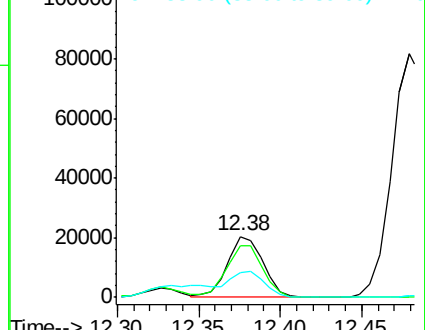
89 44.2 37.3 55.9



Abundance Ion 74.90 (74.60 to 75.60): VY0

Ion 53.00 (52.70 to 53.70): VY0

Ion 88.90 (88.60 to 89.60): VY0



#82

4-Chlorotoluene

Concen: 21.470 ug/l

RT: 12.85 min Scan# 1823

Delta R.T. 0.00 min

Lab File: VY003189.D

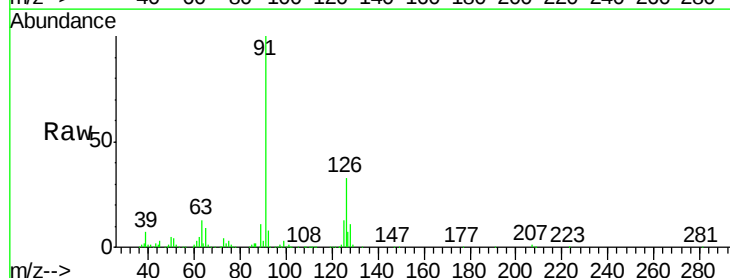
Acq: 14 Jul 2020 12:33

Tgt Ion: 91 Resp: 307320

Ion Ratio Lower Upper

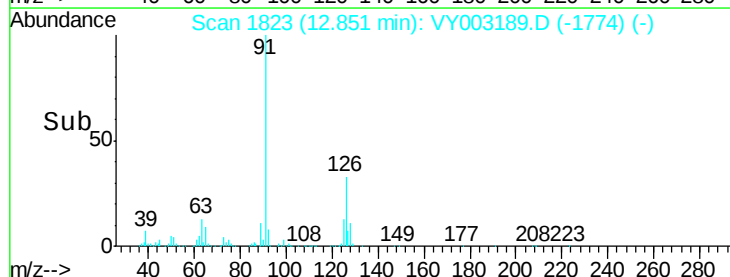
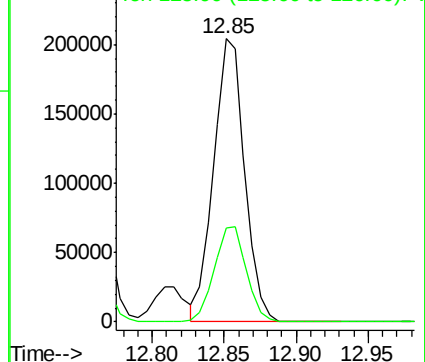
91 100

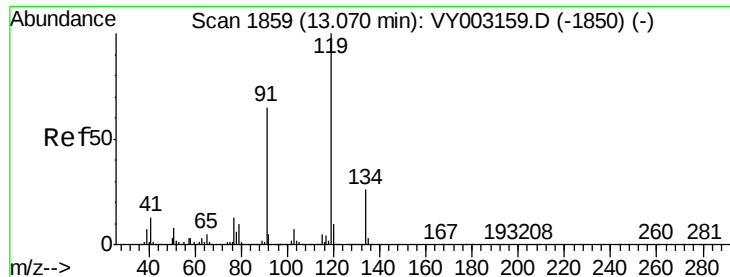
126 34.9 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 21.187 ug/l

RT: 13.08 min Scan# 1860

Delta R.T. 0.01 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA\_Y

ClientSampleId :

VY0714SBS01

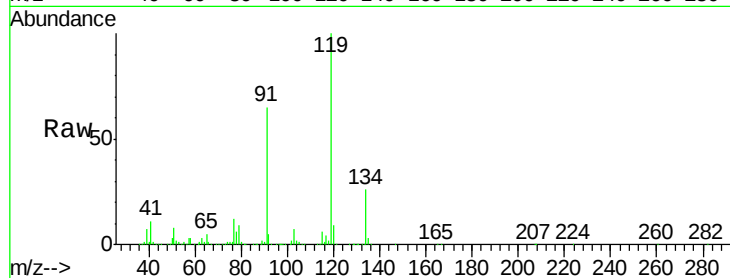
Tot Ion:119 Resp: 324900

Ion Ratio Lower Upper

119 100

91 62.2 30.8 92.4

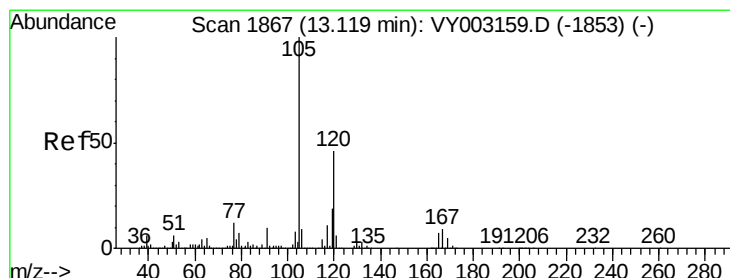
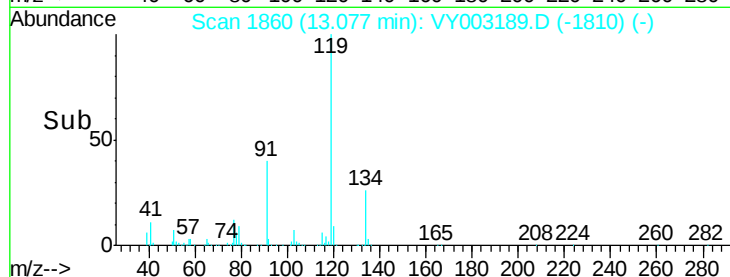
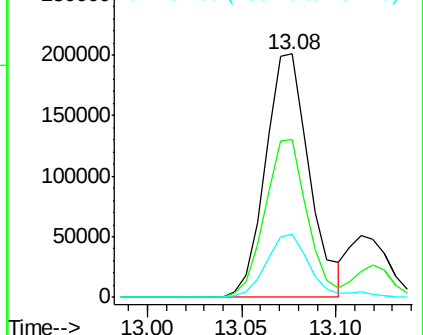
134 26.5 13.2 39.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VY0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 21.282 ug/l

RT: 13.12 min Scan# 1867

Delta R.T. 0.00 min

Lab File: VY003189.D

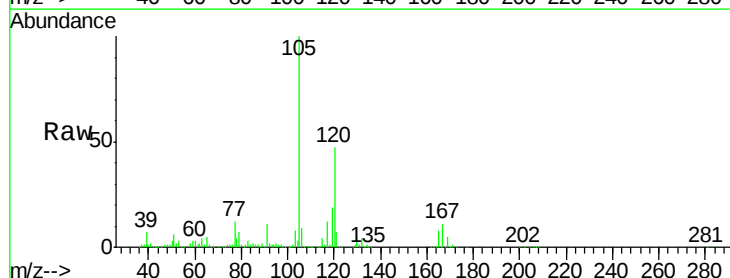
Acq: 14 Jul 2020 12:33

Tgt Ion:105 Resp: 372144

Ion Ratio Lower Upper

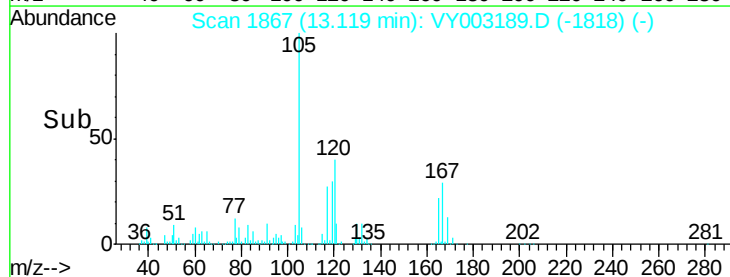
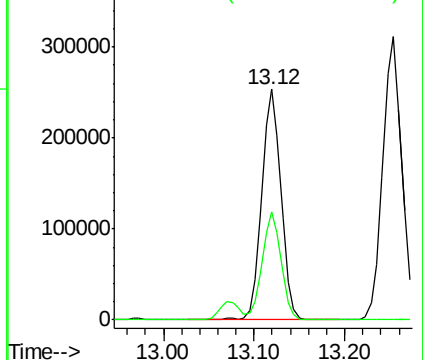
105 100

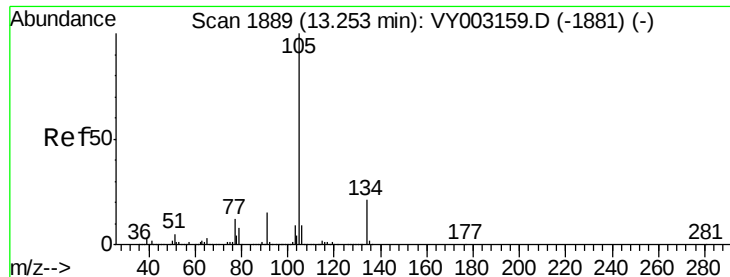
120 45.9 22.5 67.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 21.373 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA\_Y

ClientSampleId :

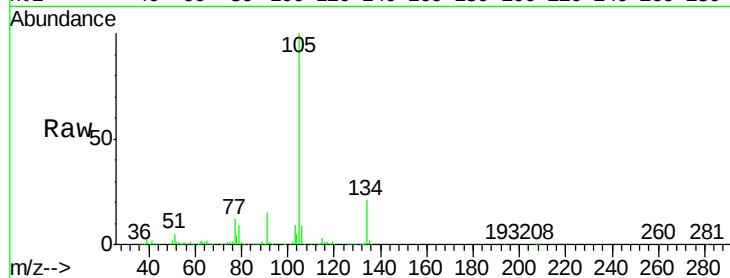
VY0714SBS01

Tot Ion:105 Resp: 450477

Ion Ratio Lower Upper

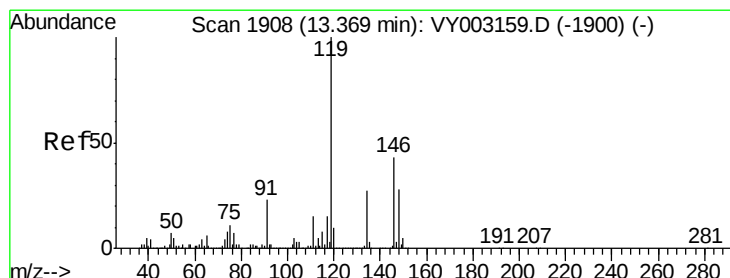
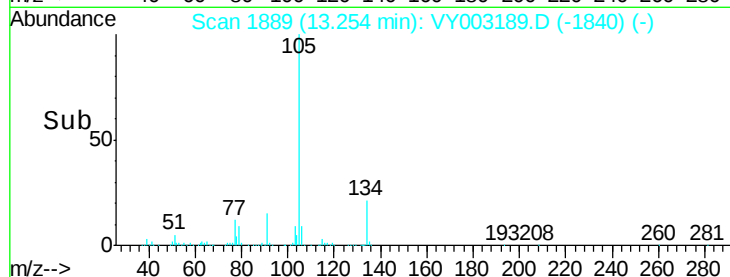
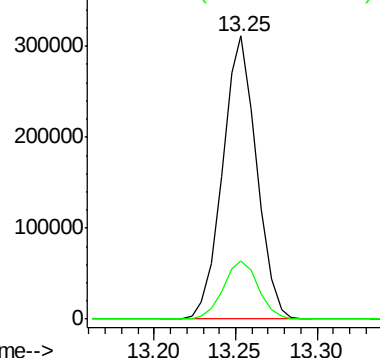
105 100

134 21.2 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.058 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

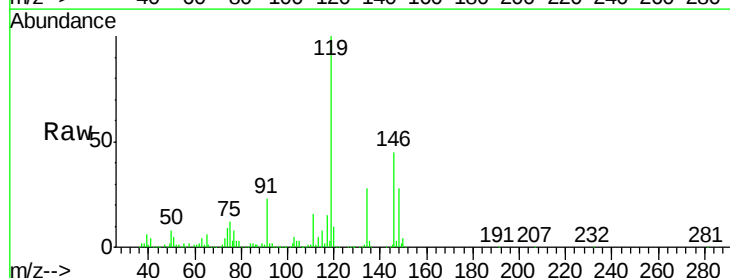
Tgt Ion:119 Resp: 414411

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

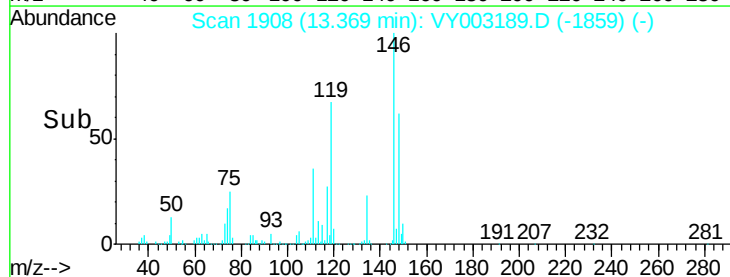
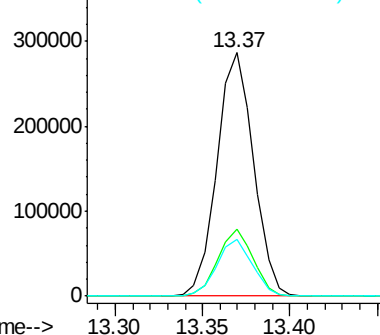
91 22.9 11.2 33.6

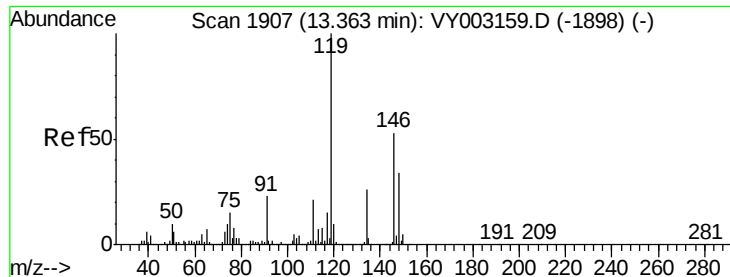


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

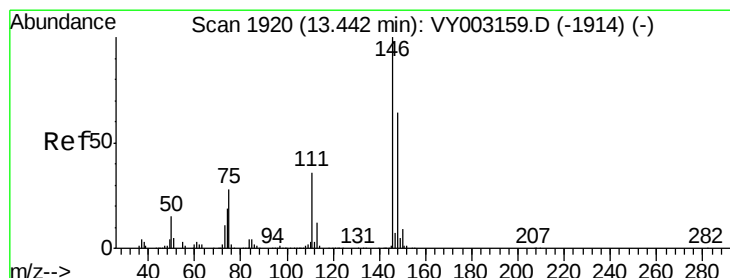
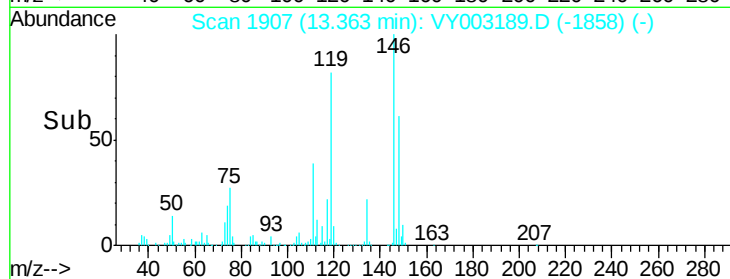
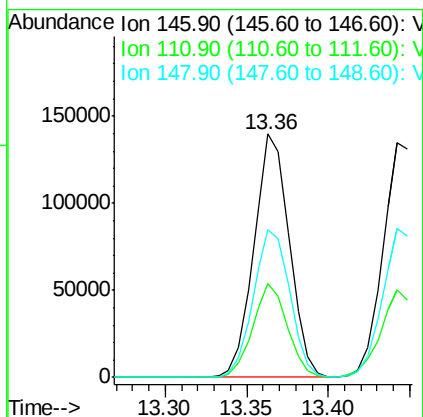
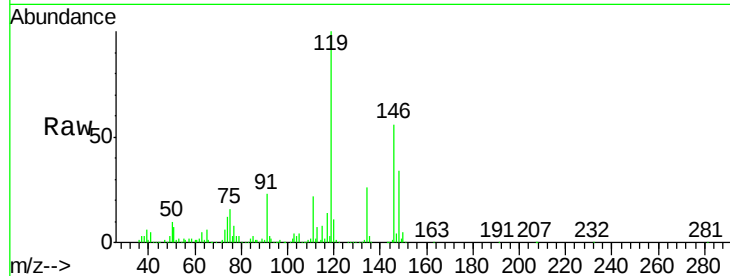




#87  
 1,3-Dichlorobenzene  
 Concen: 20.996 ug/l  
 RT: 13.36 min Scan# 1907  
 Delta R.T. 0.00 min  
 Lab File: VY003189.D  
 Acq: 14 Jul 2020 12:33

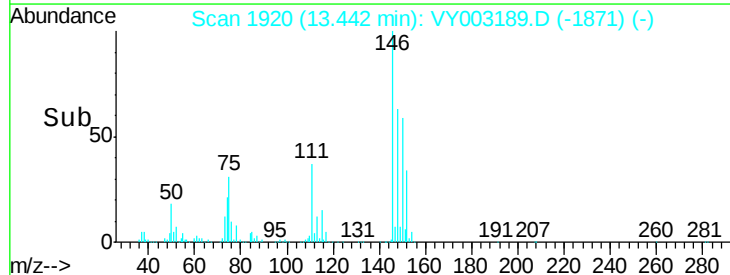
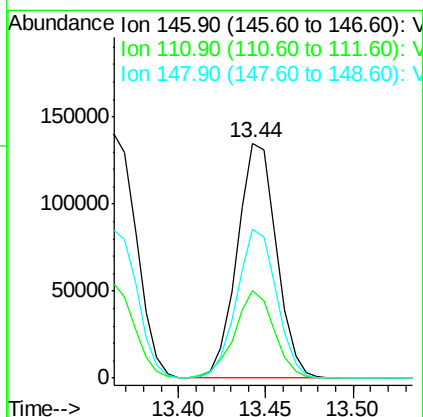
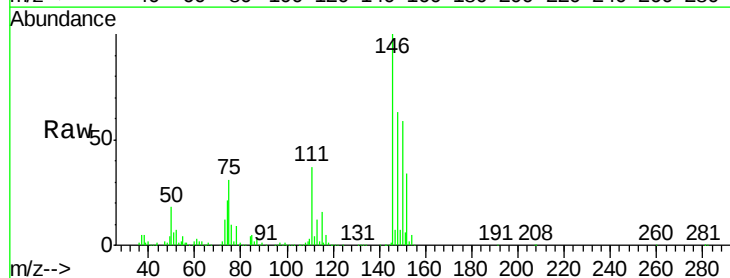
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0714SBS01

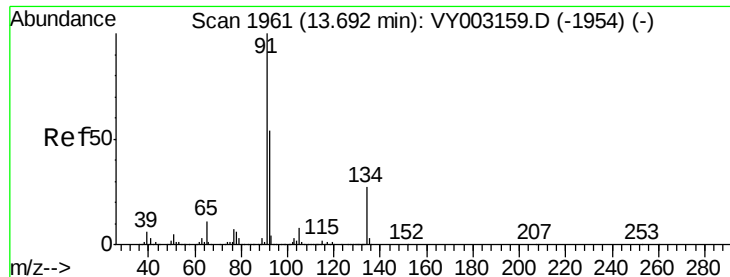
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.8  | 18.8  | 56.3  |
| 148     | 62.6  | 32.3  | 96.9  |



#88  
 1,4-Dichlorobenzene  
 Concen: 21.121 ug/l  
 RT: 13.44 min Scan# 1920  
 Delta R.T. 0.00 min  
 Lab File: VY003189.D  
 Acq: 14 Jul 2020 12:33

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.7  | 18.4  | 55.0  |
| 148     | 64.2  | 32.0  | 96.0  |





#89

n-Butylbenzene

Concen: 21.373 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA\_Y

ClientSampleId :

VY0714SBS01

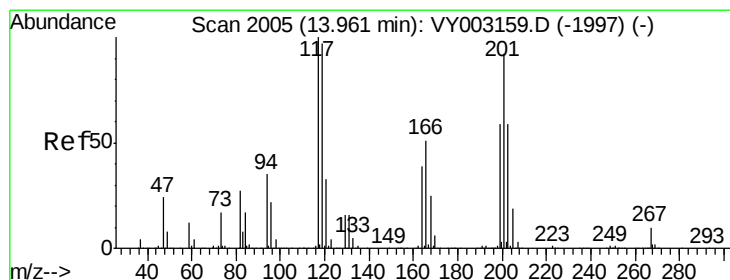
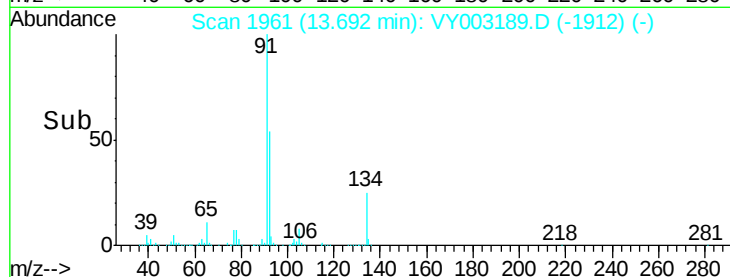
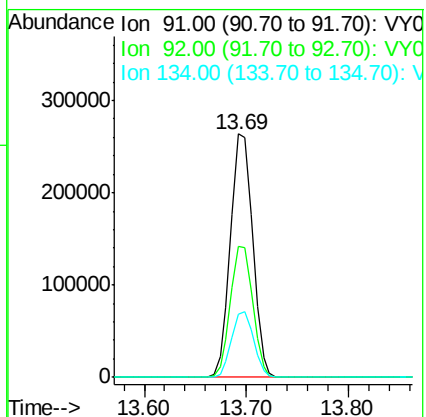
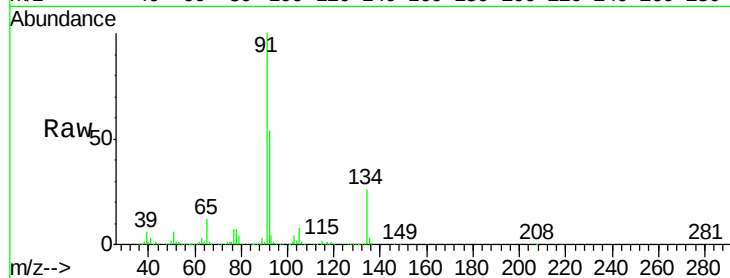
Tot Ion: 91 Resp: 395640

Ion Ratio Lower Upper

91 100

92 54.1 26.9 80.7

134 26.8 13.6 40.7



#90

Hexachloroethane

Concen: 21.676 ug/l

RT: 13.96 min Scan# 2005

Delta R.T. 0.00 min

Lab File: VY003189.D

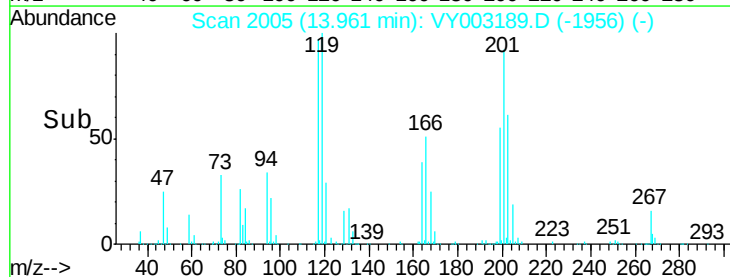
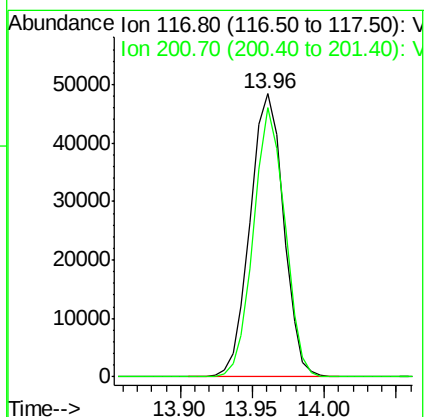
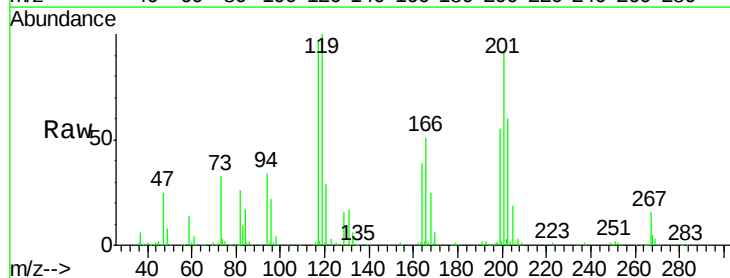
Acq: 14 Jul 2020 12:33

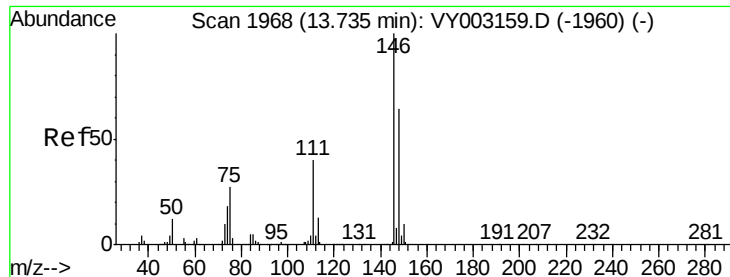
Tgt Ion: 117 Resp: 77684

Ion Ratio Lower Upper

117 100

201 89.3 45.1 135.3





#91

1,2-Dichlorobenzene

Concen: 21.251 ug/l

RT: 13.74 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

Instrument :

MSVOA\_Y

ClientSampleId :

VY0714SBS01

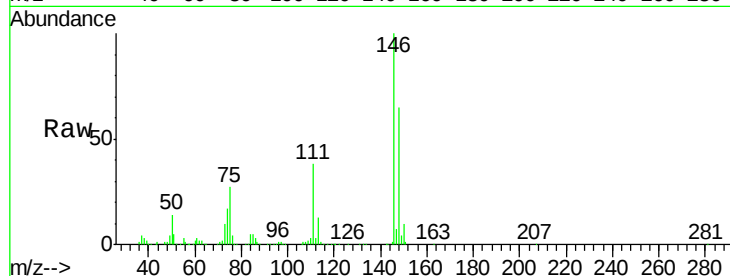
Tot Ion:146 Resp: 187446

Ion Ratio Lower Upper

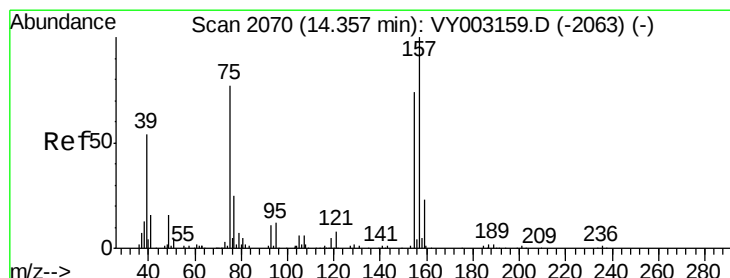
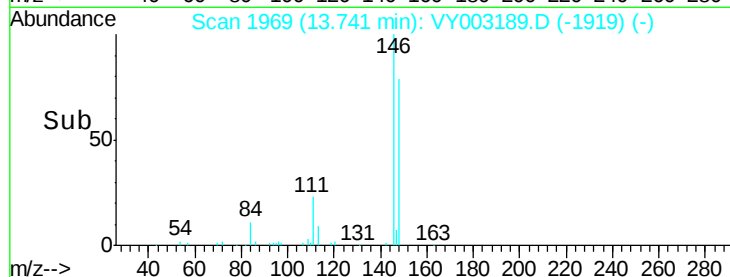
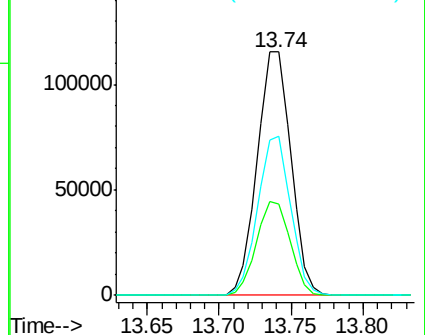
146 100

111 38.6 19.6 58.8

148 63.5 32.4 97.0



Abundance Ion 145.90 (145.60 to 146.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.482 ug/l

RT: 14.36 min Scan# 2070

Delta R.T. 0.00 min

Lab File: VY003189.D

Acq: 14 Jul 2020 12:33

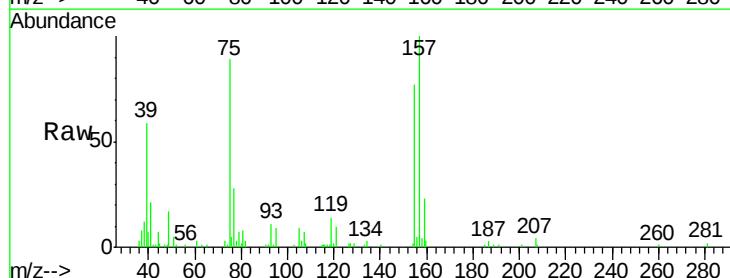
Tgt Ion: 75 Resp: 13373

Ion Ratio Lower Upper

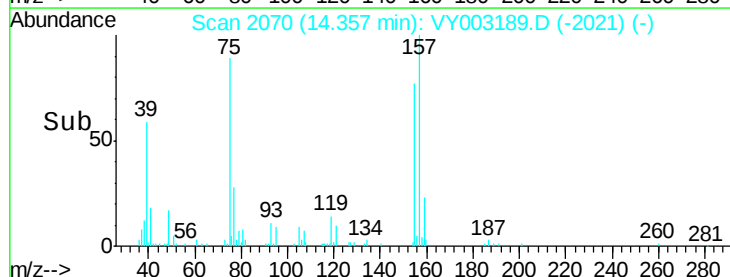
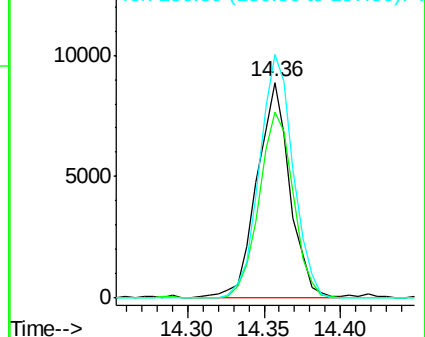
75 100

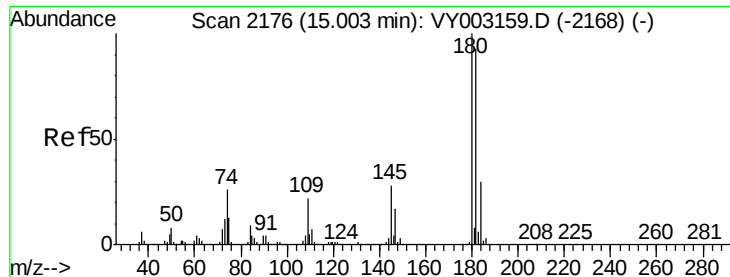
155 89.1 48.1 144.3

157 115.0 61.9 185.6



Abundance Ion 74.90 (74.60 to 75.60): VY0  
Ion 154.80 (154.50 to 155.50): V  
Ion 156.80 (156.50 to 157.50): V

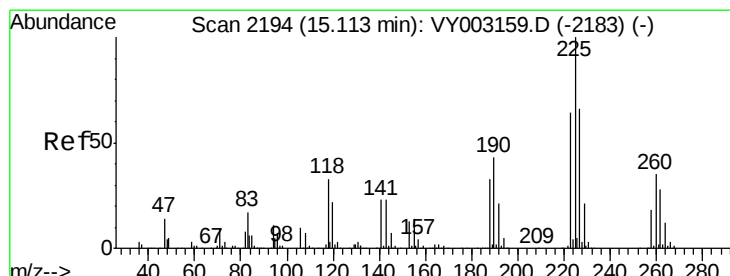
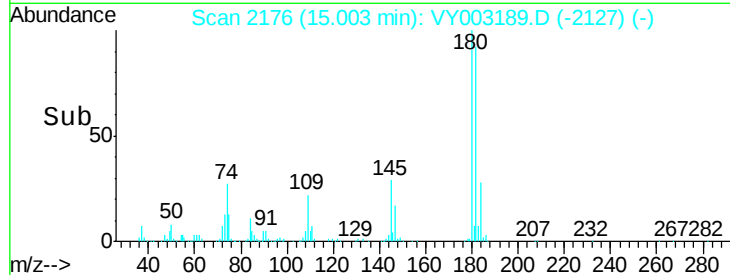
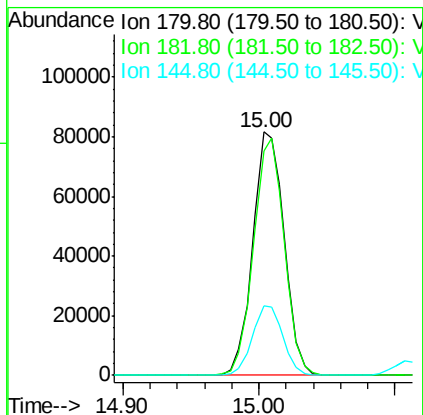
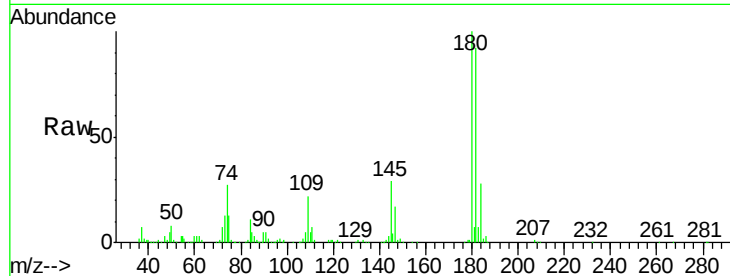




#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.022 ug/l  
 RT: 15.00 min Scan# 2176  
 Delta R.T. 0.00 min  
 Lab File: VY003189.D  
 Acq: 14 Jul 2020 12:33

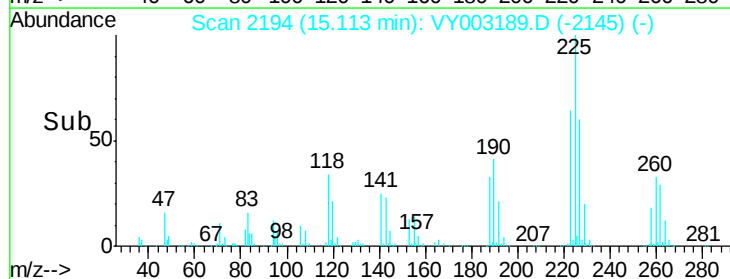
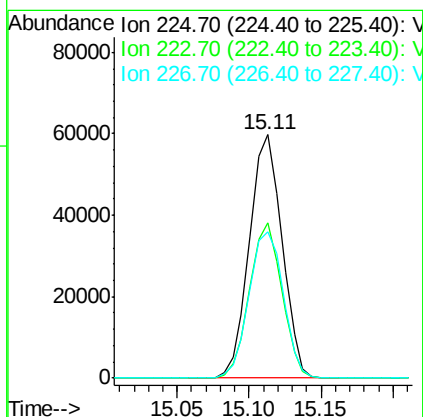
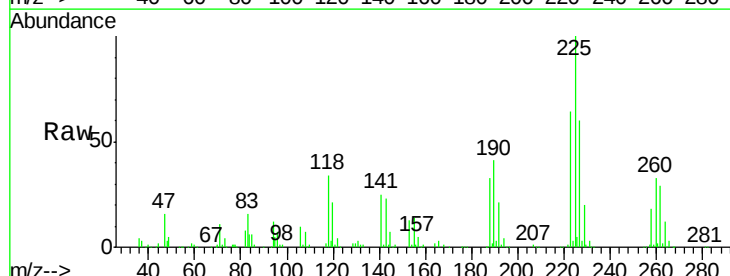
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VY0714SBS01

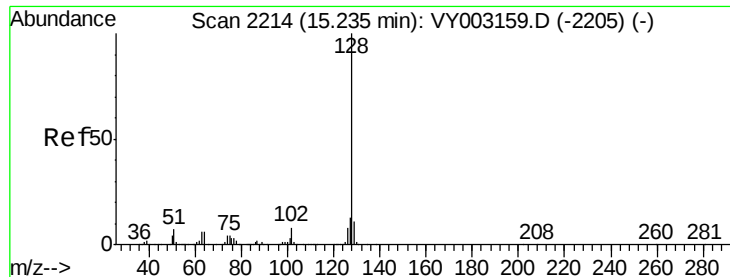
Tot Ion:180 Resp: 131919  
 Ion Ratio Lower Upper  
 180 100  
 182 95.2 47.3 142.0  
 145 28.0 13.7 41.1



#94  
 Hexachlorobutadiene  
 Concen: 21.777 ug/l  
 RT: 15.11 min Scan# 2194  
 Delta R.T. 0.00 min  
 Lab File: VY003189.D  
 Acq: 14 Jul 2020 12:33

Tgt Ion:225 Resp: 93637  
 Ion Ratio Lower Upper  
 225 100  
 223 63.3 31.6 94.7  
 227 63.1 32.3 96.8

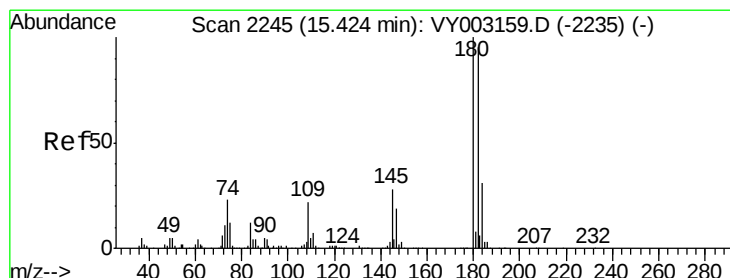
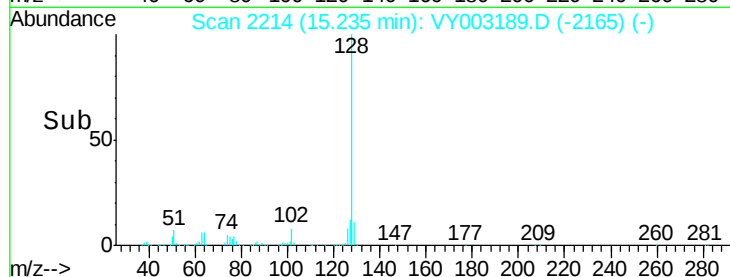
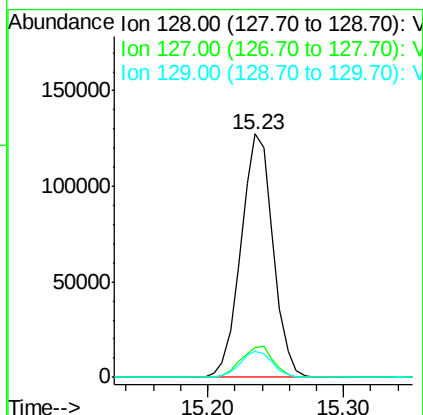
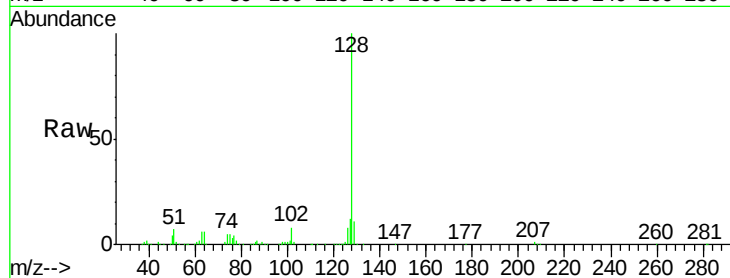




#95  
Naphthalene  
Concen: 20.173 ug/l  
RT: 15.23 min Scan# 2214  
Delta R.T. 0.00 min  
Lab File: VY003189.D  
Acq: 14 Jul 2020 12:33

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VY0714SBS01

Tot Ion:128 Resp: 209208  
Ion Ratio Lower Upper  
128 100  
127 12.9 10.9 16.3  
129 10.8 9.0 13.6



#96  
1,2,3-Trichlorobenzene  
Concen: 20.572 ug/l  
RT: 15.42 min Scan# 2245  
Delta R.T. 0.00 min  
Lab File: VY003189.D  
Acq: 14 Jul 2020 12:33

Tgt Ion:180 Resp: 102047  
Ion Ratio Lower Upper  
180 100  
182 95.9 48.8 146.3  
145 28.1 14.9 44.5

