

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120519\  
 Data File : VY000871.D  
 Acq On : 05 Dec 2019 10:25  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

apatel  
 12/6/2019 10:01:16 AM

Quant Time: Dec 06 04:25:37 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y112719S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 27 12:40:47 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.80  | 168  | 295539   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.69  | 114  | 509019   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 463159   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152  | 217549   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.14   | 65  | 163161   | 51.96 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.92% |      |
| 35) Dibromofluoromethane  | 7.72   | 113 | 153514   | 51.75 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.50% |      |
| 50) Toluene-d8            | 10.18  | 98  | 656185   | 55.33 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 110.66% |      |
| 62) 4-Bromofluorobenzene  | 12.48  | 95  | 230216   | 51.69 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.38% |      |

## Target Compounds

|                               |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.90 | 85  | 148348  | 46.630  | ug/l   | 99     |
| 3) Chloromethane              | 2.12 | 50  | 194703  | 49.649  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.25 | 62  | 197791  | 51.176  | ug/l   | 98     |
| 5) Bromomethane               | 2.65 | 94  | 125479  | 54.542  | ug/l   | 93     |
| 6) Chloroethane               | 2.79 | 64  | 124140  | 52.387  | ug/l   | 97     |
| 7) Trichlorofluoromethane     | 3.13 | 101 | 279274  | 52.726  | ug/l   | 95     |
| 8) Diethyl Ether              | 3.53 | 74  | 103118  | 51.726  | ug/l   | 97     |
| 9) 1,1,2-Trichlorotrifluoroet | 3.90 | 101 | 169555  | 51.837  | ug/l   | 98     |
| 10) Methyl Iodide             | 4.09 | 142 | 210840  | 51.197  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 4.97 | 59  | 76091   | 240.838 | ug/l # | 74     |
| 12) 1,1-Dichloroethene        | 3.87 | 96  | 169533  | 52.318  | ug/l   | 95     |
| 13) Acrolein                  | 3.73 | 56  | 72928   | 234.325 | ug/l   | 99     |
| 14) Allyl chloride            | 4.48 | 41  | 301882  | 54.332  | ug/l   | 99     |
| 15) Acrylonitrile             | 5.17 | 53  | 257660  | 250.296 | ug/l   | 99     |
| 16) Acetone                   | 3.95 | 43  | 164786  | 228.745 | ug/l   | 98     |
| 17) Carbon Disulfide          | 4.19 | 76  | 532973  | 50.855  | ug/l   | 99     |
| 18) Methyl Acetate            | 4.48 | 43  | 153386  | 50.922  | ug/l   | 100    |
| 19) Methyl tert-butyl Ether   | 5.22 | 73  | 451879  | 52.216  | ug/l   | 96     |
| 20) Methylene Chloride        | 4.72 | 84  | 190370  | 50.133  | ug/l   | 99     |
| 21) trans-1,2-Dichloroethene  | 5.22 | 96  | 195417  | 53.057  | ug/l   | 99     |
| 22) Diisopropyl ether         | 6.13 | 45  | 626155  | 54.831  | ug/l   | 98     |
| 23) Vinyl Acetate             | 6.07 | 43  | 1863885 | 268.476 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 6.02 | 63  | 332585  | 52.841  | ug/l   | 99     |
| 25) 2-Butanone                | 6.99 | 43  | 334131  | 251.083 | ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 6.99 | 77  | 284425  | 53.691  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 6.99 | 96  | 214335  | 53.836  | ug/l   | 99     |
| 28) Bromochloromethane        | 7.34 | 49  | 139071  | 59.849  | ug/l   | 96     |
| 29) Tetrahydrofuran           | 7.35 | 42  | 226419  | 256.760 | ug/l   | 98     |
| 30) Chloroform                | 7.52 | 83  | 322819  | 51.127  | ug/l   | 98     |
| 31) Cyclohexane               | 7.79 | 56  | 344169  | 51.617  | ug/l   | 98     |
| 32) 1,1,1-Trichloroethane     | 7.71 | 97  | 278021  | 53.324  | ug/l   | 100    |
| 36) 1,1-Dichloropropene       | 7.92 | 75  | 270187  | 53.384  | ug/l   | 99     |
| 37) Ethyl Acetate             | 7.08 | 43  | 144158  | 49.329  | ug/l   | 100    |
| 38) Carbon Tetrachloride      | 7.91 | 117 | 246260  | 54.636  | ug/l   | 94     |

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 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

apatel  
 12/6/2019 10:01:16 AM

Quant Time: Dec 06 04:25:37 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y112719S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 27 12:40:47 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| -----                          |       |      |          |         |        |          |
| 39) Methylcyclohexane          | 9.18  | 83   | 352831   | 52.618  | ug/l   | 98       |
| 40) Benzene                    | 8.16  | 78   | 798724   | 54.179  | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.32  | 41   | 80013m   | 51.948  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.24  | 62   | 204099   | 52.643  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.28  | 43   | 278294   | 50.533  | ug/l   | 100      |
| 44) Trichloroethene            | 8.94  | 130  | 207136   | 54.671  | ug/l   | 94       |
| 45) 1,2-Dichloropropane        | 9.22  | 63   | 203461   | 54.944  | ug/l   | 98       |
| 46) Dibromomethane             | 9.31  | 93   | 104131   | 53.820  | ug/l   | 100      |
| 47) Bromodichloromethane       | 9.50  | 83   | 249544   | 54.903  | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.30  | 41   | 125666   | 51.892  | ug/l   | 97       |
| 49) 1,4-Dioxane                | 9.30  | 88   | 27127    | 989.509 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone       | 10.07 | 43   | 740107   | 260.103 | ug/l   | 99       |
| 52) Toluene                    | 10.24 | 92   | 506649   | 55.506  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 274474   | 56.208  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.93  | 75   | 316742   | 54.877  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.64 | 97   | 154738   | 54.132  | ug/l   | 94       |
| 56) Ethyl methacrylate         | 10.51 | 69   | 225615   | 55.173  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.79 | 76   | 269255   | 54.044  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.78  | 63   | 387080   | 234.760 | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.83 | 43   | 575755   | 277.686 | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.99 | 129  | 170667   | 55.461  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.09 | 107  | 144612   | 53.679  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.72 | 164  | 213459   | 53.046  | ug/l   | 98       |
| 65) Chlorobenzene              | 11.52 | 112  | 512611   | 53.245  | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.59 | 131  | 176231   | 54.317  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.59 | 91   | 969164   | 54.053  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.70 | 106  | 726148   | 107.898 | ug/l   | 99       |
| 69) o-Xylene                   | 12.03 | 106  | 339659   | 54.129  | ug/l   | 99       |
| 70) Styrene                    | 12.04 | 104  | 593521   | 55.239  | ug/l   | 99       |
| 71) Bromoform                  | 12.20 | 173  | 99248    | 54.237  | ug/l # | 99       |
| 73) Isopropylbenzene           | 12.33 | 105  | 924242   | 53.357  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.14 | 43   | 250155   | 51.886  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.58 | 83   | 175240   | 51.345  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 12.63 | 75   | 125499m  | 50.916  | ug/l   |          |
| 77) Bromobenzene               | 12.61 | 156  | 199382   | 53.102  | ug/l   | 99       |
| 78) n-propylbenzene            | 12.67 | 91   | 1124753  | 53.180  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.75 | 91   | 618482   | 52.932  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 762993   | 53.200  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 67019    | 53.410  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.85 | 91   | 640117   | 53.175  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.07 | 119  | 642254   | 53.264  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.12 | 105  | 757306   | 52.778  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.25 | 105  | 936254   | 53.389  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.37 | 119  | 816716   | 53.545  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.36 | 146  | 383363   | 52.047  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.44 | 146  | 389945   | 53.467  | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.69 | 91   | 832125   | 53.959  | ug/l   | 100      |
| 90) Hexachloroethane           | 13.96 | 117  | 155212   | 55.240  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.73 | 146  | 351982   | 53.126  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 28990    | 50.736  | ug/l   | 98       |

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Data File : VY000871.D  
Acq On : 05 Dec 2019 10:25  
Operator : SY/MD  
Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

apatel  
12/6/2019 10:01:16 AM

Quant Time: Dec 06 04:25:37 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y112719S.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 27 12:40:47 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.00 | 180  | 240447   | 53.633 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.11 | 225  | 118458   | 53.293 | ug/l  | 99       |
| 95) Naphthalene            | 15.23 | 128  | 540899   | 51.960 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180  | 209502   | 52.316 | ug/l  | 99       |

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

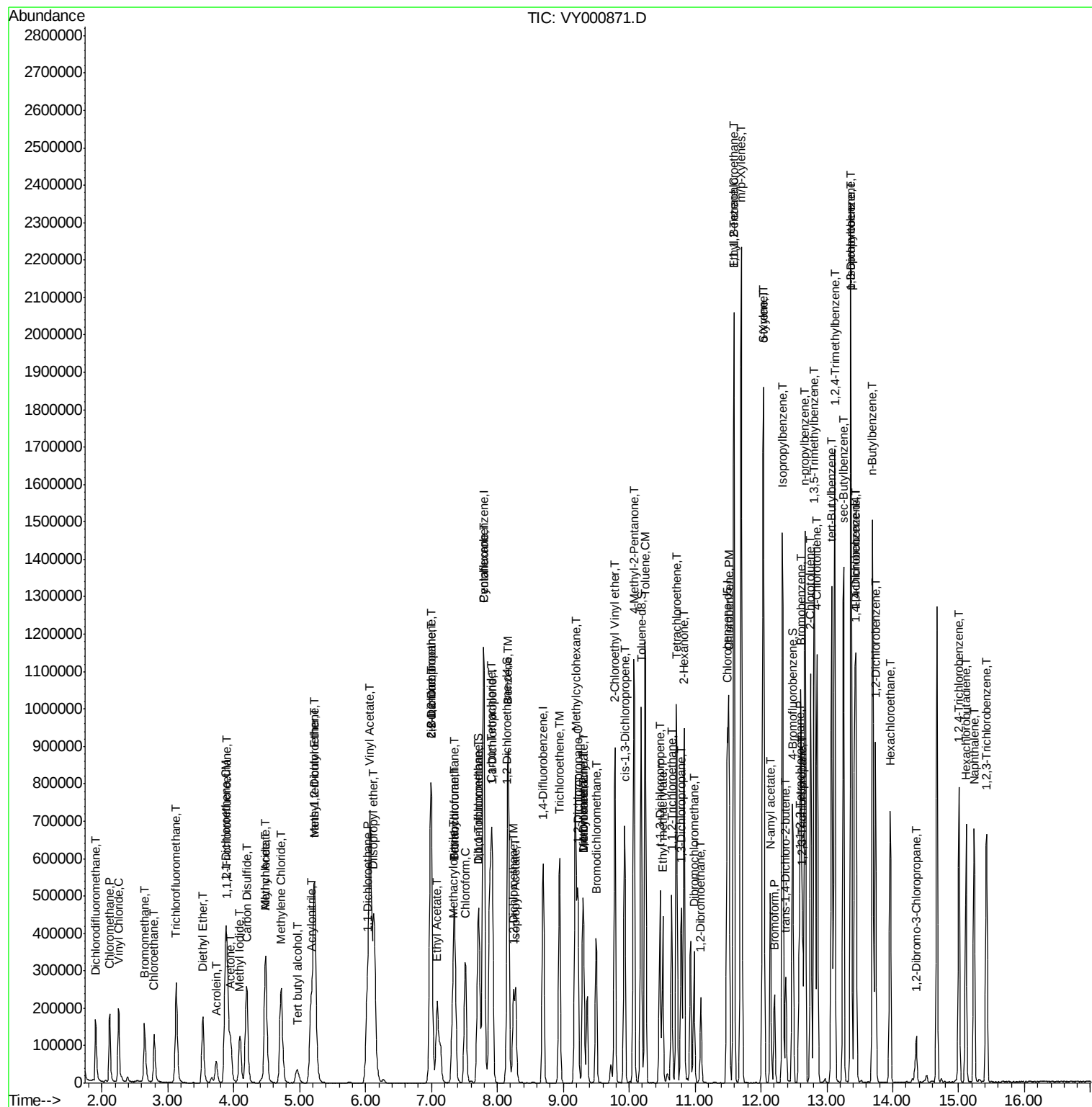
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 Data File : VY000871.D  
 Acq On : 05 Dec 2019 10:25  
 Operator : SY/MD  
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 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

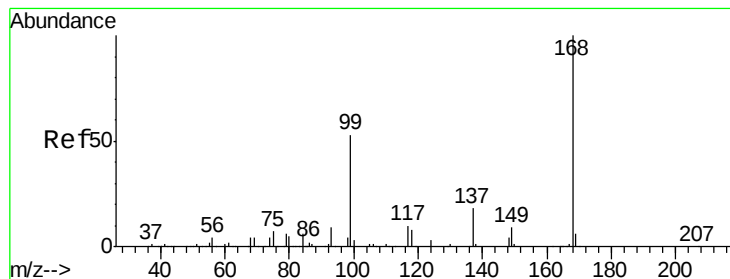
Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
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 12/6/2019 10:01:16 AM

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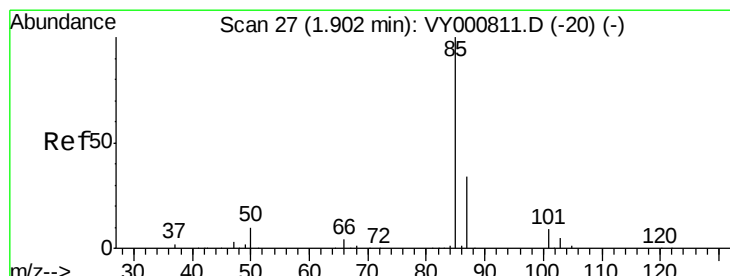
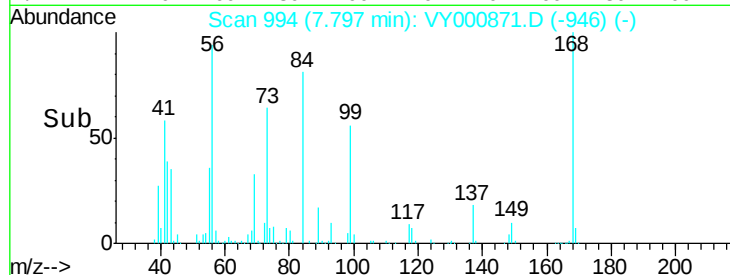
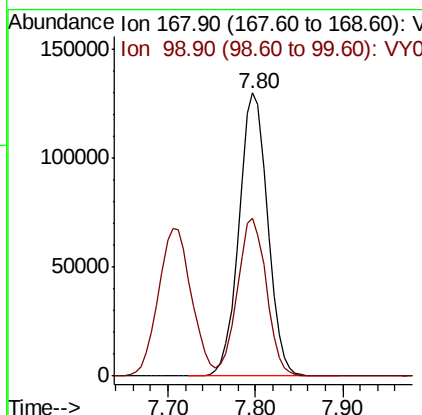
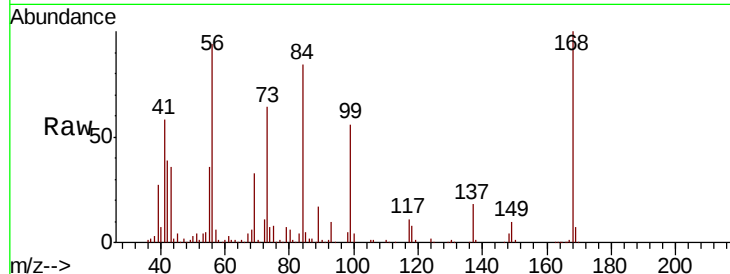
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Pentafluorobenzene  
Concen: 50.000 ug/l  
RT: 7.80 min Scan# 994  
Delta R.T. -0.01 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tot Ion: 168 Resp: 295539  
Ion Ratio Lower Upper  
168 100  
99 55.7 45.0 67.6

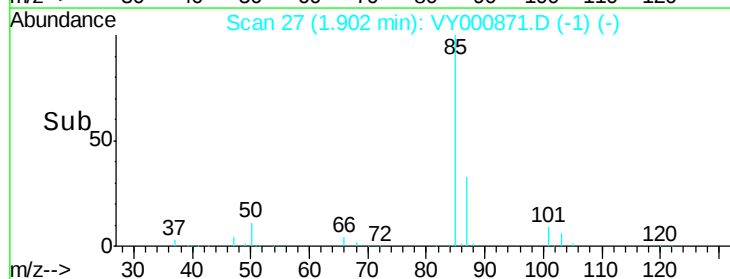
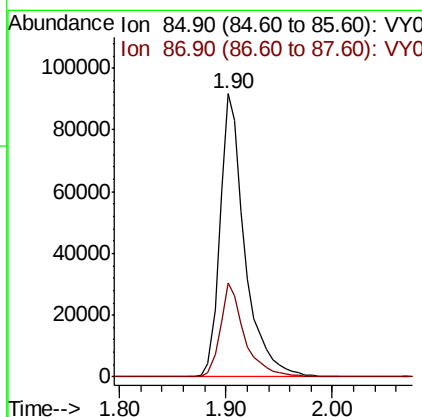
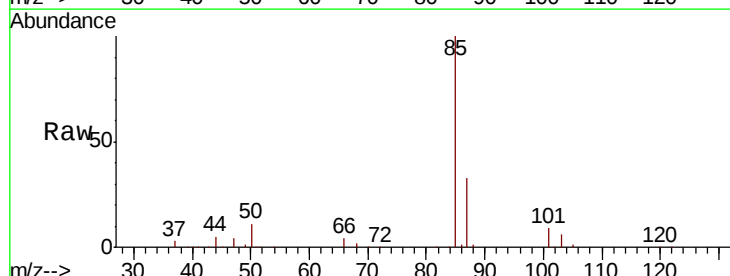
Manual Integrations  
APPROVED

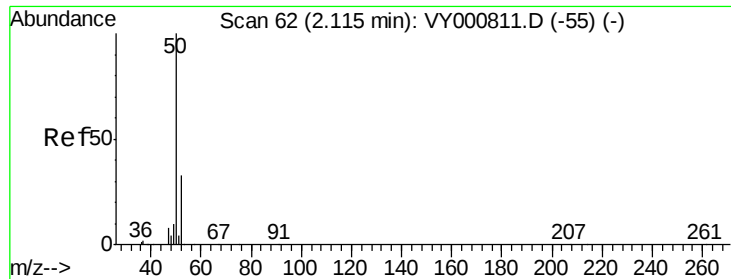
apatel  
12/6/2019 10:01:16 AM



#2  
Dichlorodifluoromethane  
Concen: 46.630 ug/l  
RT: 1.90 min Scan# 27  
Delta R.T. -0.00 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

Tgt Ion: 85 Resp: 148348  
Ion Ratio Lower Upper  
85 100  
87 33.0 16.8 50.3





#3

Chloromethane

Concen: 49.649 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 194703

Ion Ratio Lower Upper

50 100

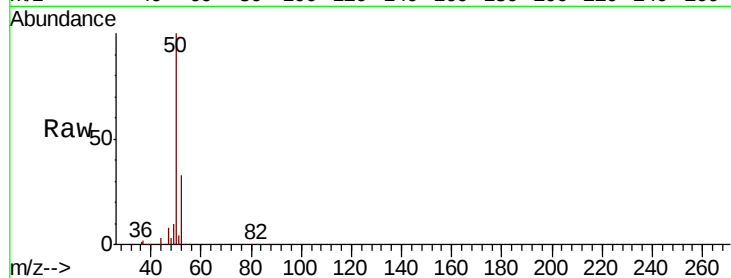
52 33.1 26.0 39.0

Manual Integrations

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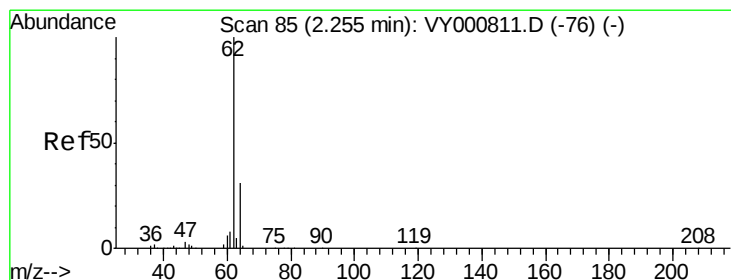
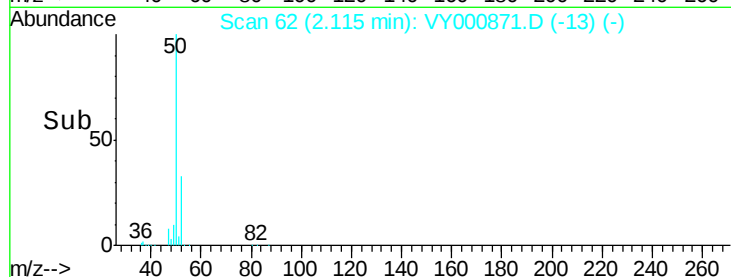
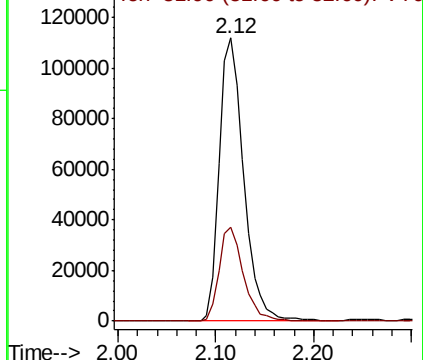
apatel

12/6/2019 10:01:16 AM



Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 51.176 ug/l

RT: 2.25 min Scan# 84

Delta R.T. -0.01 min

Lab File: VY000871.D

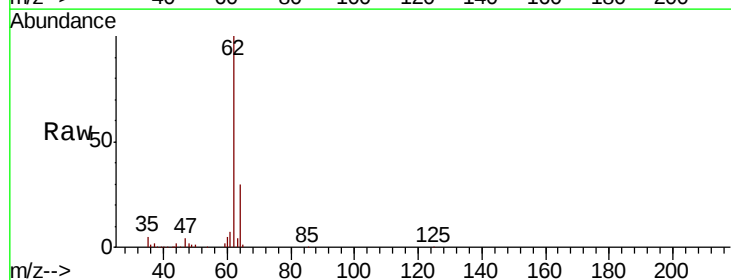
Acq: 05 Dec 2019 10:25

Tgt Ion: 62 Resp: 197791

Ion Ratio Lower Upper

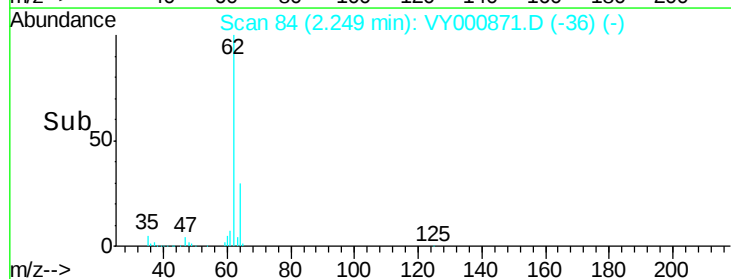
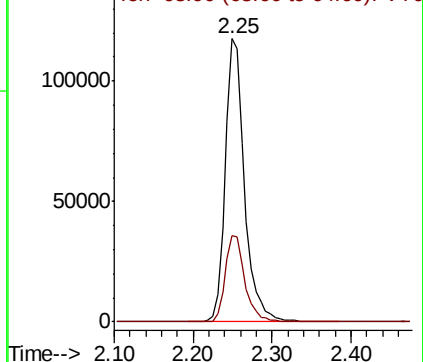
62 100

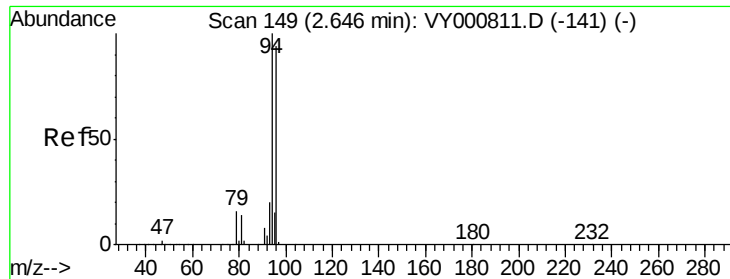
64 30.4 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 54.542 ug/l

RT: 2.65 min Scan# 149

Delta R.T. 0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 125479

Ion Ratio Lower Upper

94 100

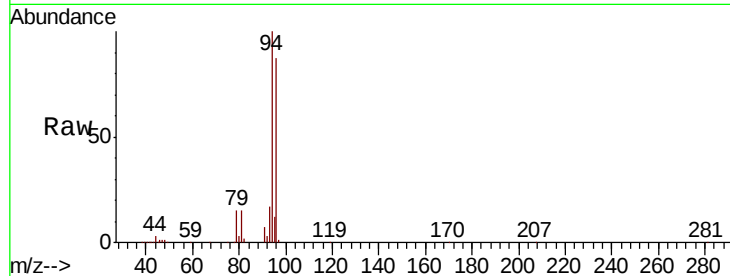
96 87.2 75.2 112.8

Manual Integrations

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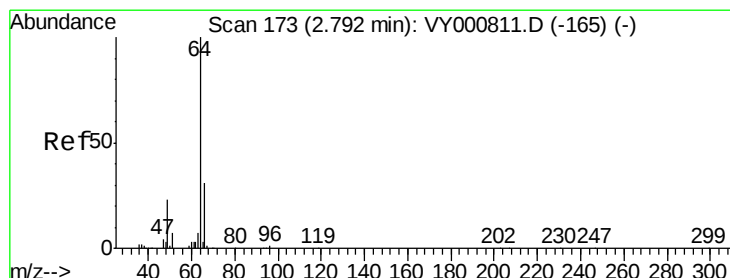
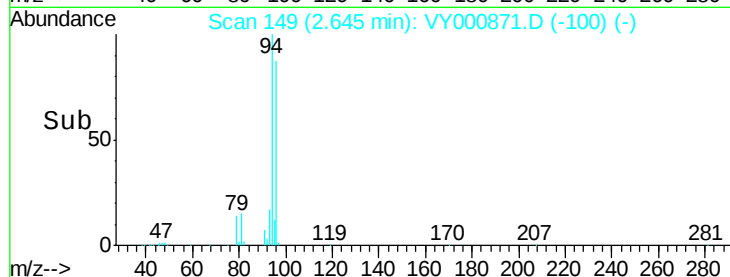
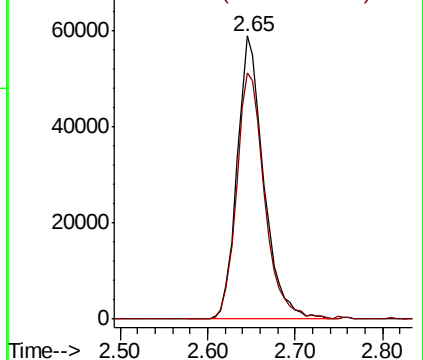
apatel

12/6/2019 10:01:16 AM



Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 52.387 ug/l

RT: 2.79 min Scan# 173

Delta R.T. -0.00 min

Lab File: VY000871.D

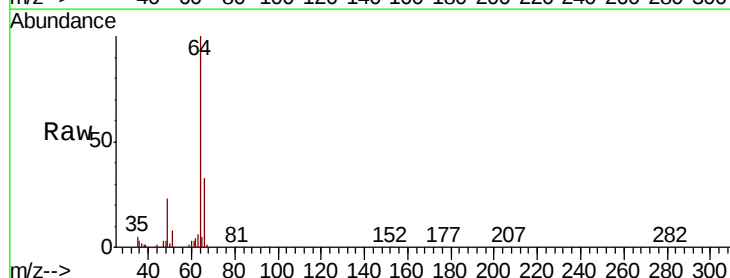
Acq: 05 Dec 2019 10:25

Tgt Ion: 64 Resp: 124140

Ion Ratio Lower Upper

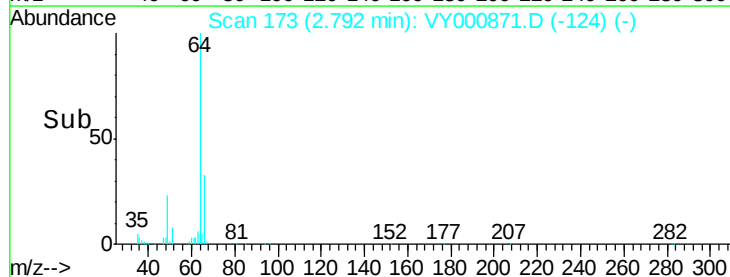
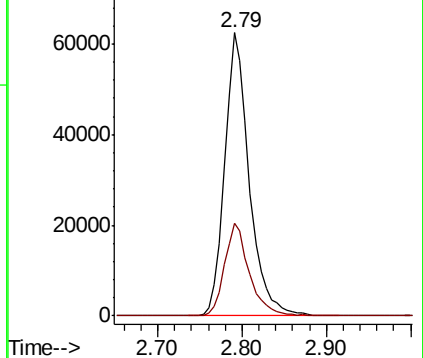
64 100

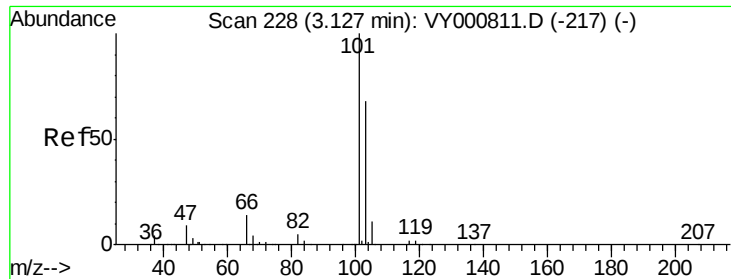
66 33.0 25.0 37.4



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

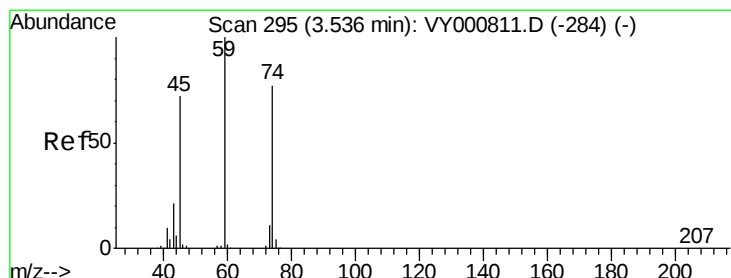
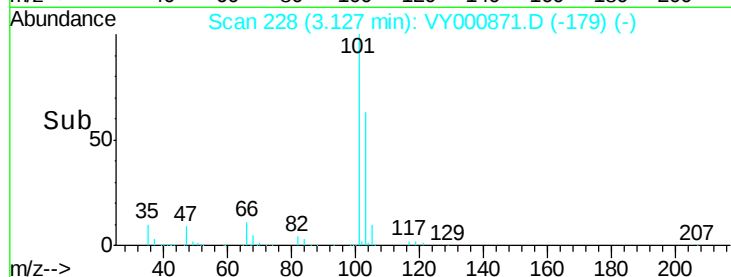
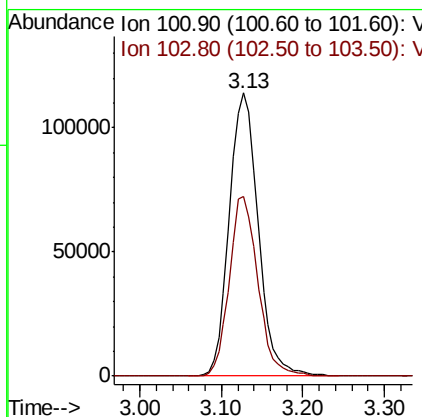
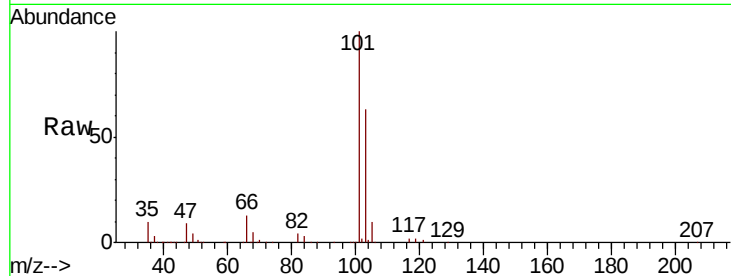
Trichlorofluoromethane  
Concen: 52.726 ug/l  
RT: 3.13 min Scan# 228  
Delta R.T. -0.00 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 279274 |       |       |
| 103     | 63.4  | 54.2   | 81.2  |       |

Manual Integrations  
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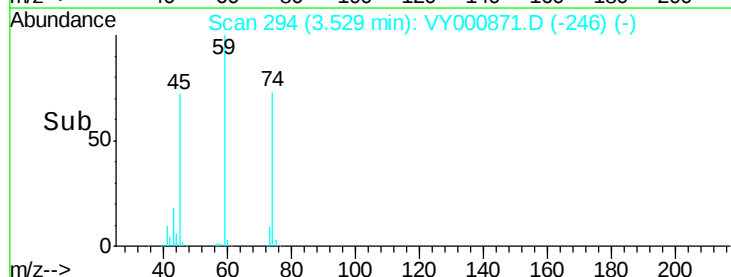
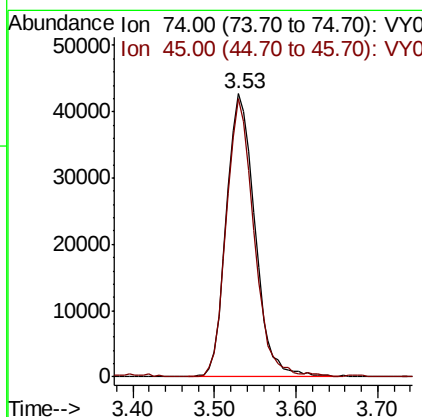
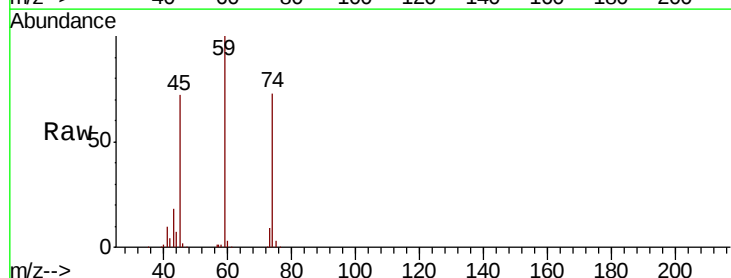
apatel  
12/6/2019 10:01:16 AM

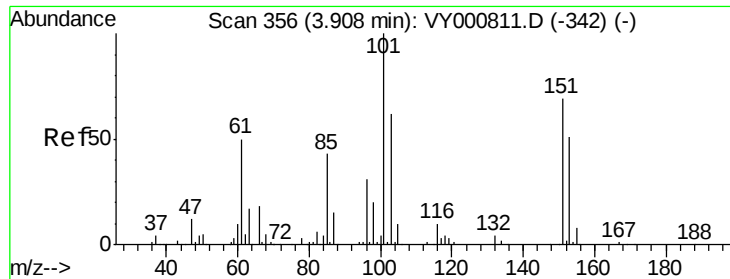


#8

Diethyl Ether  
Concen: 51.726 ug/l  
RT: 3.53 min Scan# 294  
Delta R.T. -0.01 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 74      | 100   | 103118 |       |       |
| 45      | 94.8  | 49.0   | 147.0 |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.837 ug/l

RT: 3.90 min Scan# 355

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA\_Y

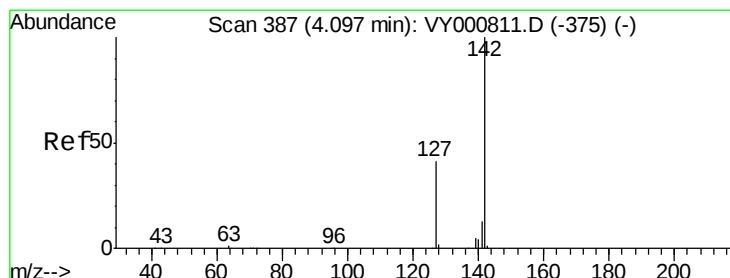
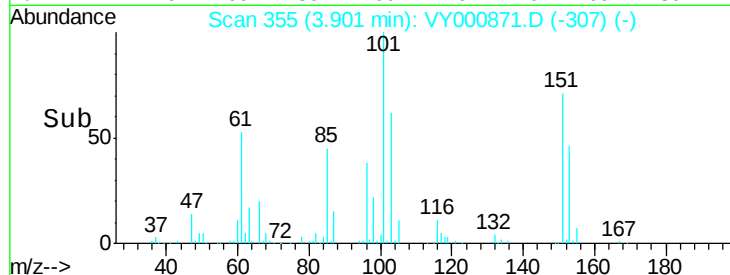
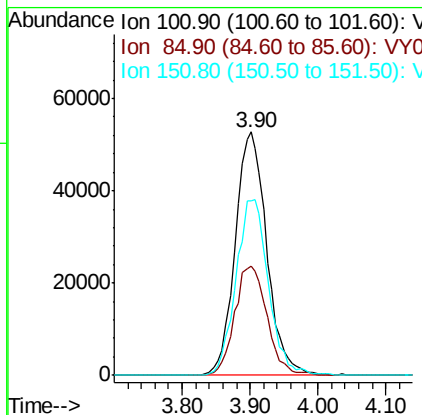
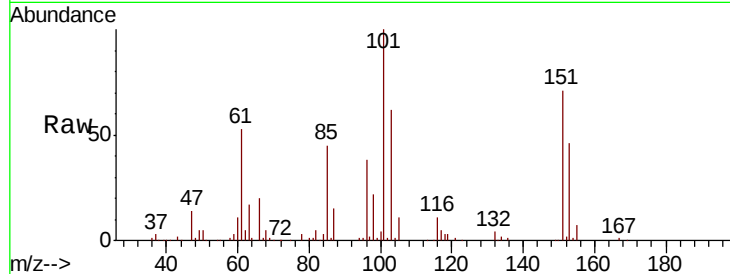
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 169555 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 46.0  | 36.0  | 54.0   |
| 151       | 74.4  | 58.2  | 87.2   |

Manual Integrations  
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apatel  
12/6/2019 10:01:16 AM



#10

Methyl Iodide

Concen: 51.197 ug/l

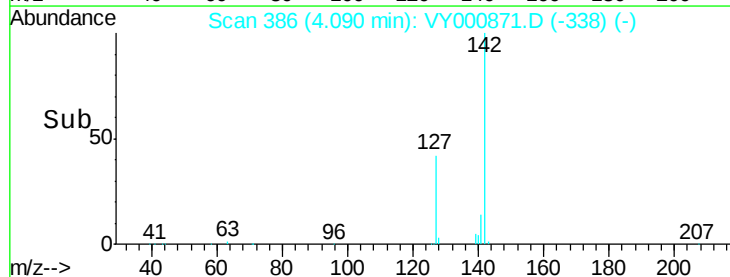
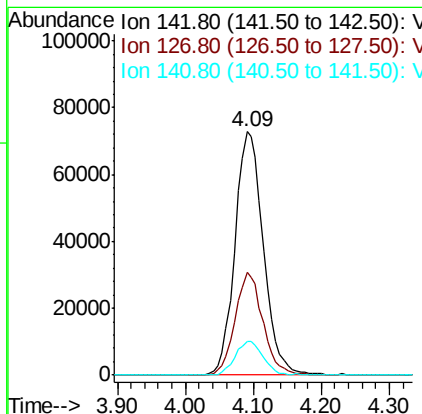
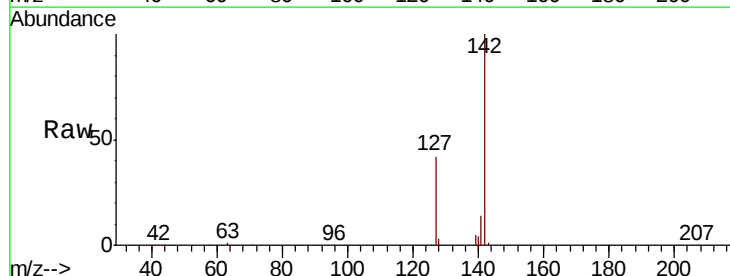
RT: 4.09 min Scan# 386

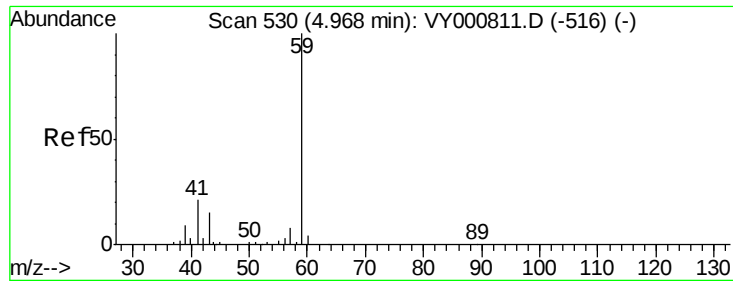
Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 210840 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 41.2  | 33.8  | 50.8   |
| 141       | 13.7  | 10.9  | 16.3   |





#11

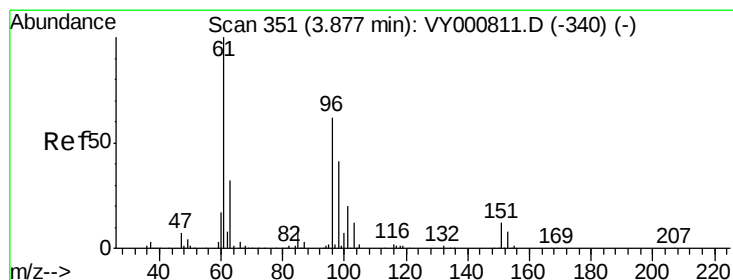
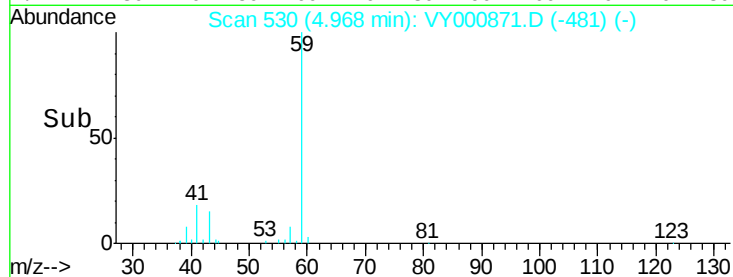
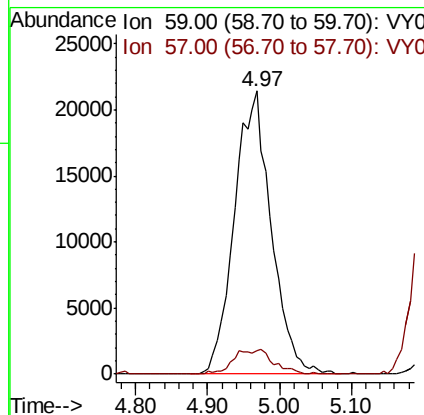
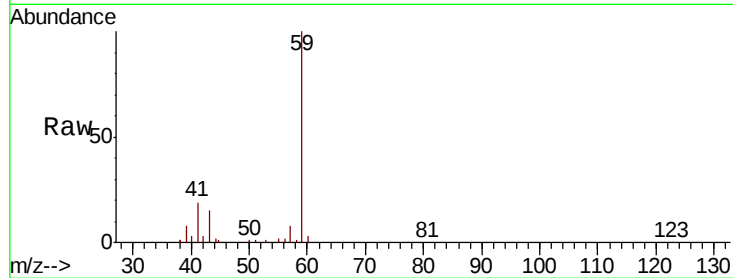
Tert butyl alcohol  
Concen: 240.838 ug/l  
RT: 4.97 min Scan# 530  
Delta R.T. -0.00 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 0.0   | 7.8   | 11.6# |

Manual Integrations  
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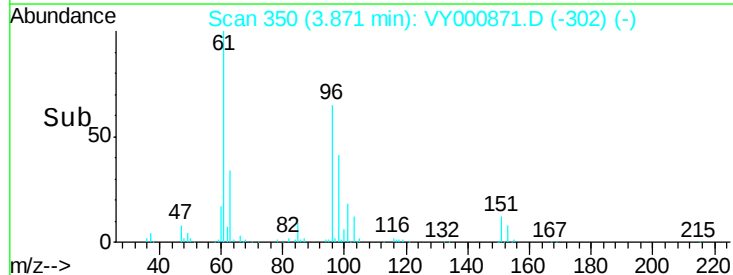
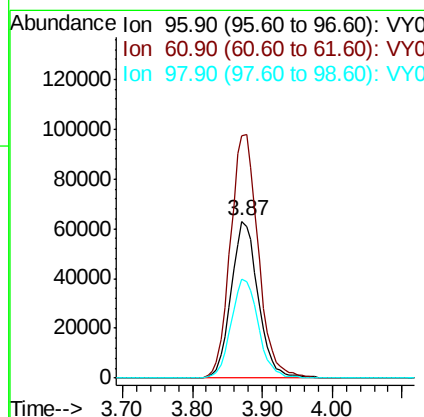
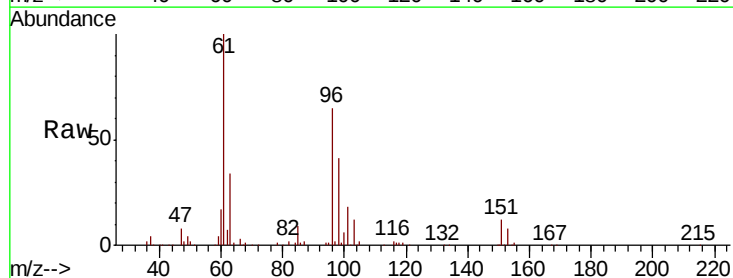
apatel  
12/6/2019 10:01:16 AM

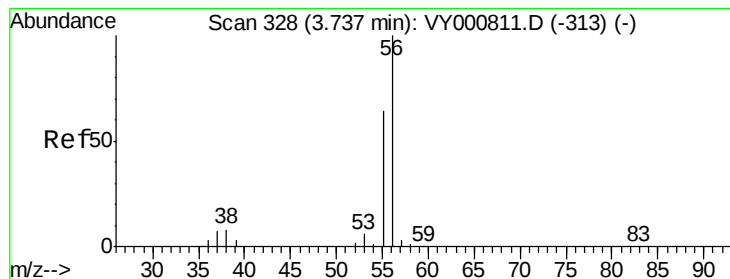


#12

1,1-Dichloroethene  
Concen: 52.318 ug/l  
RT: 3.87 min Scan# 350  
Delta R.T. -0.01 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 154.2 | 129.4 | 194.2 |
| 98      | 63.2  | 53.4  | 80.0  |





#13

Acrolein

Concen: 234.325 ug/l

RT: 3.73 min Scan# 327

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 72928

Ion Ratio Lower Upper

56 100

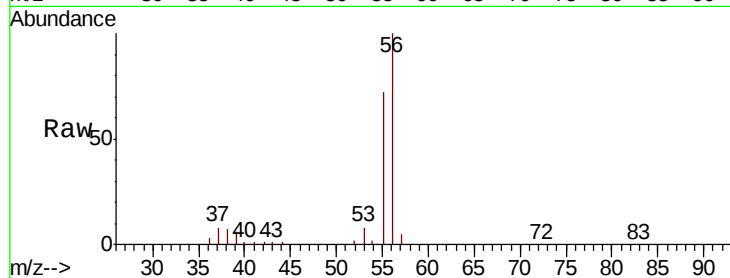
55 70.2 55.7 83.5

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

3.73

30000

25000

20000

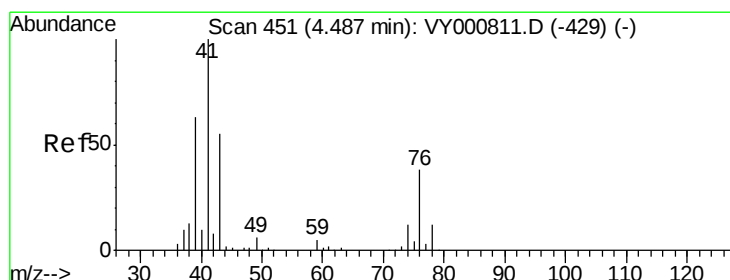
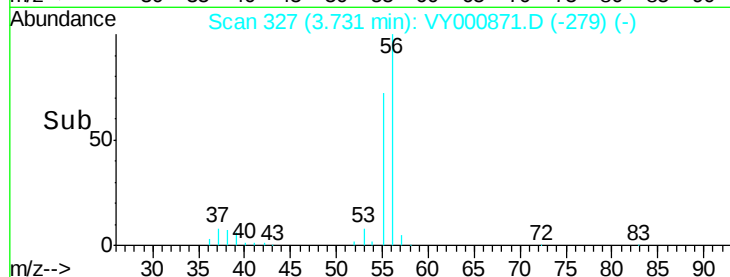
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 54.332 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

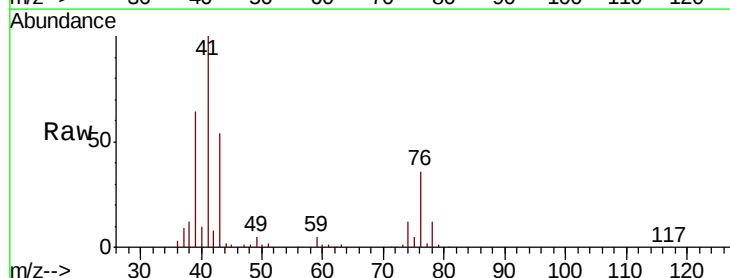
Tgt Ion: 41 Resp: 301882

Ion Ratio Lower Upper

41 100

39 61.8 49.2 73.8

76 35.6 29.2 43.8



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

120000

100000

80000

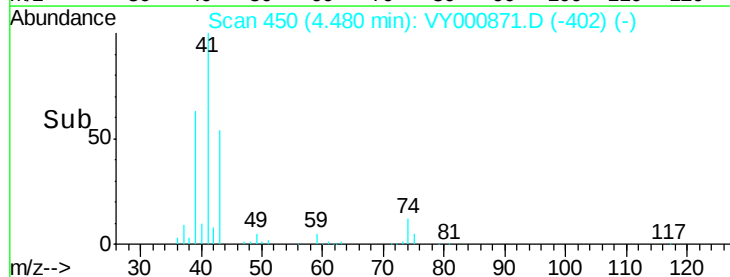
60000

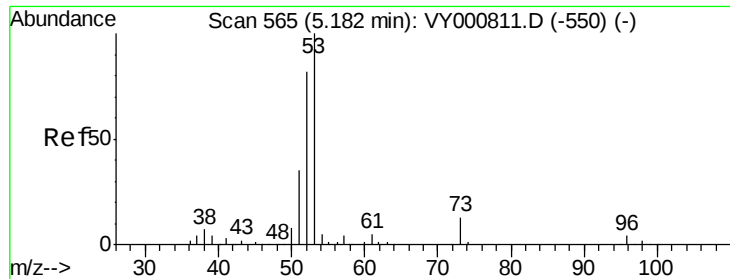
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 250.296 ug/l

RT: 5.17 min Scan# 563

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA\_Y

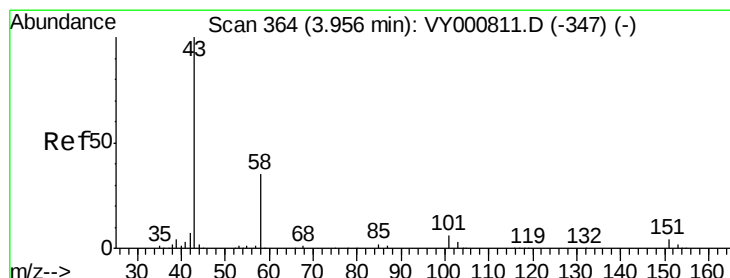
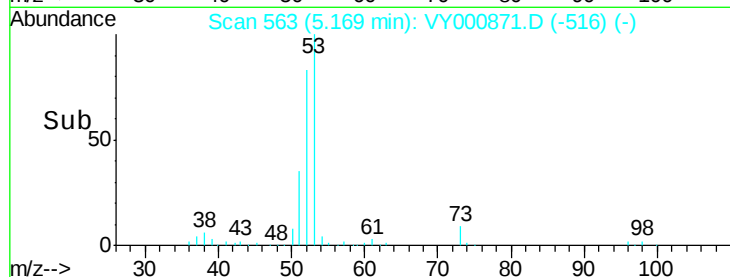
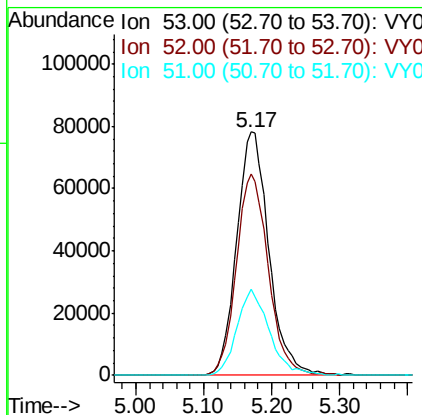
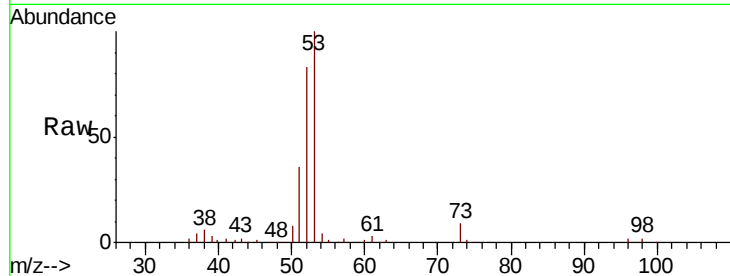
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 257660 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 82.0  | 65.1  | 97.7   |
| 51        | 35.6  | 29.0  | 43.4   |

Manual Integrations  
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#16

Acetone

Concen: 228.745 ug/l

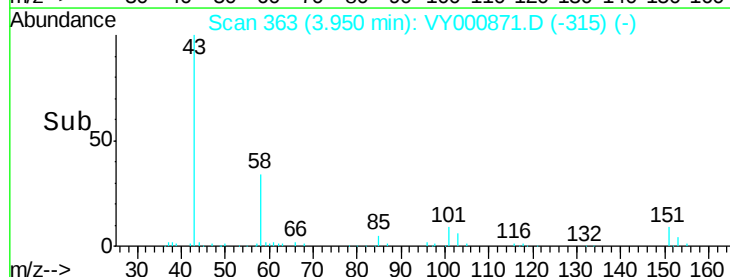
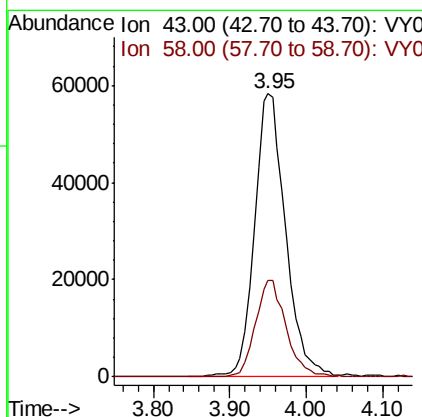
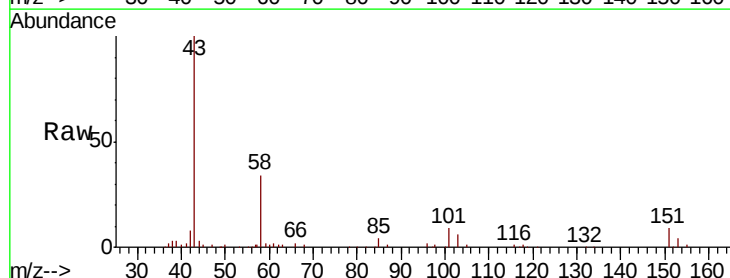
RT: 3.95 min Scan# 363

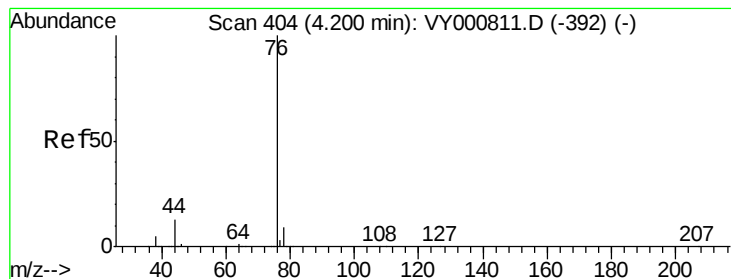
Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 164786 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 33.8  | 28.0  | 42.0   |





#17

Carbon Disulfide

Concen: 50.855 ug/l

RT: 4.19 min Scan# 403

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 532973

Ion Ratio Lower Upper

76 100

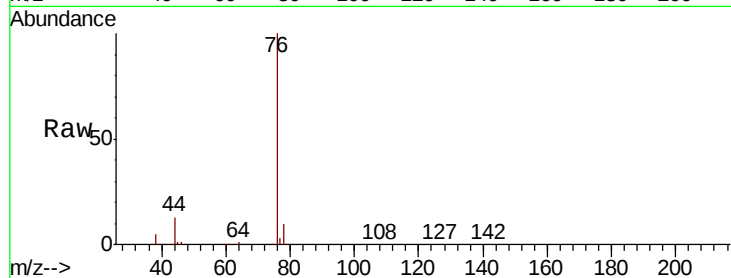
78 9.6 7.3 10.9

Manual Integrations

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Abundance Ion 75.90 (75.60 to 76.60): VY0

Ion 77.90 (77.60 to 78.60): VY0

4.19

200000

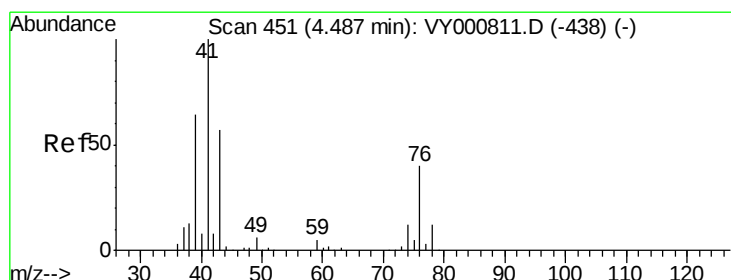
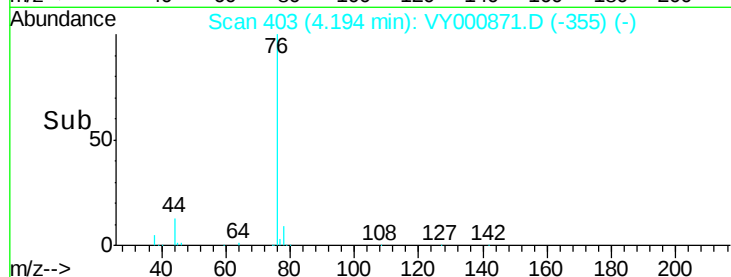
150000

100000

50000

0

Time--> 4.00 4.10 4.20 4.30 4.40



#18

Methyl Acetate

Concen: 50.922 ug/l

RT: 4.48 min Scan# 450

Delta R.T. -0.01 min

Lab File: VY000871.D

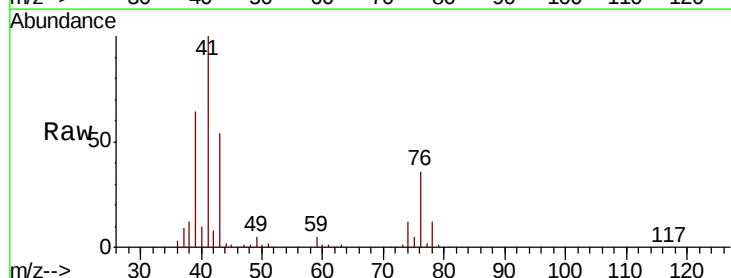
Acq: 05 Dec 2019 10:25

Tgt Ion: 43 Resp: 153386

Ion Ratio Lower Upper

43 100

74 23.3 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 74.00 (73.70 to 74.70): VY0

4.48

60000

50000

40000

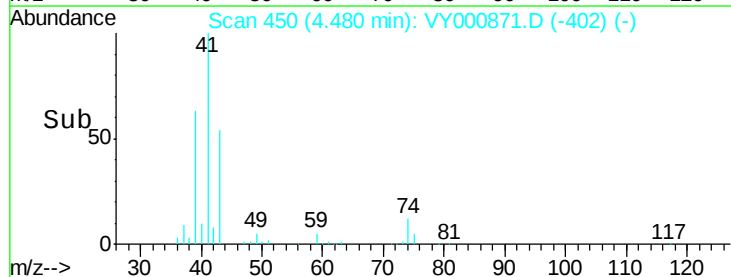
30000

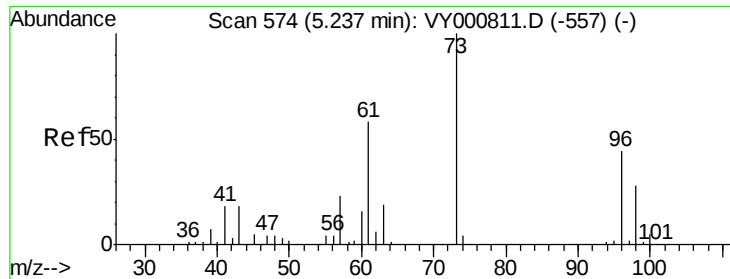
20000

10000

0

Time--> 4.40 4.50 4.60





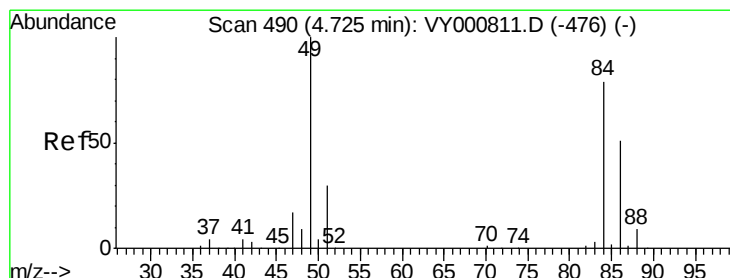
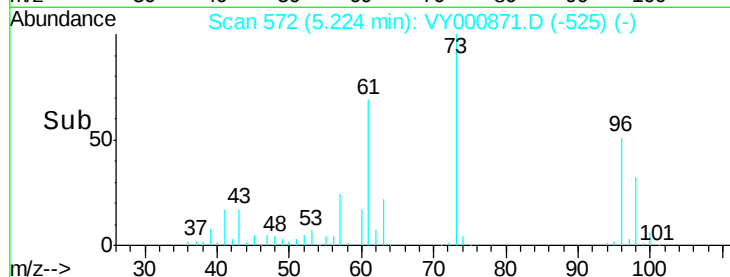
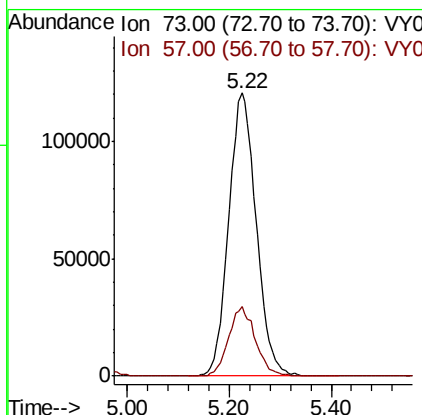
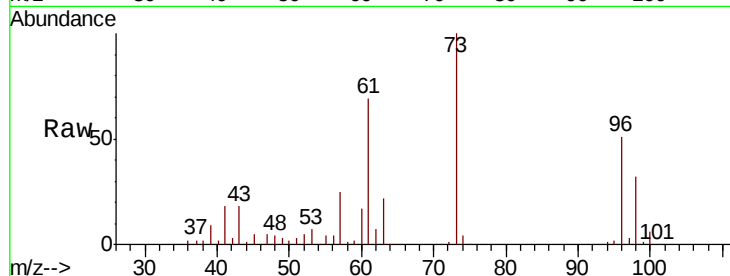
#19  
Methyl tert-butyl Ether  
Concen: 52.216 ug/l  
RT: 5.22 min Scan# 572  
Delta R.T. -0.01 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tot Ion: 73 Resp: 451879  
Ion Ratio Lower Upper  
73 100  
57 24.8 18.2 27.4

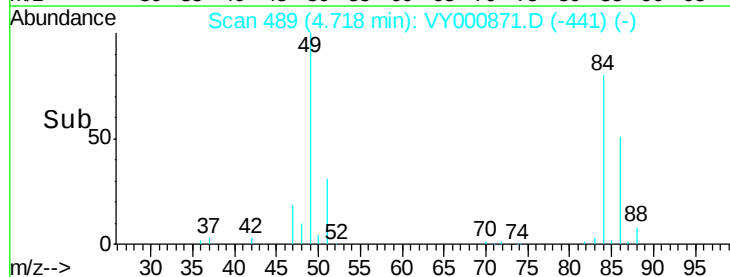
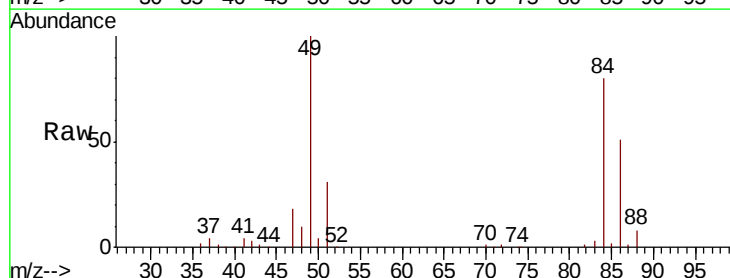
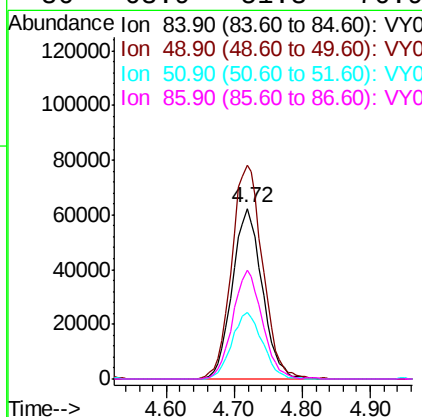
Manual Integrations  
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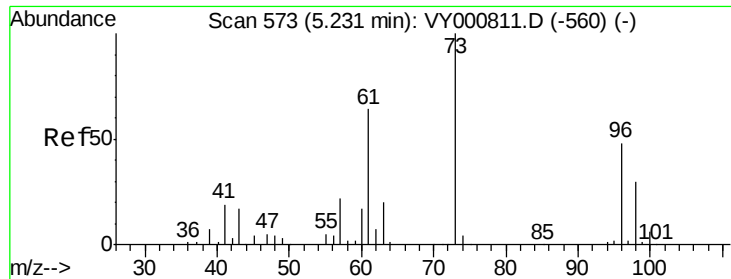
apatel  
12/6/2019 10:01:16 AM



#20  
Methylene Chloride  
Concen: 50.133 ug/l  
RT: 4.72 min Scan# 489  
Delta R.T. -0.01 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

Tgt Ion: 84 Resp: 190370  
Ion Ratio Lower Upper  
84 100  
49 125.5 101.3 151.9  
51 39.3 30.6 45.8  
86 63.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 53.057 ug/l

RT: 5.22 min Scan# 572

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA\_Y

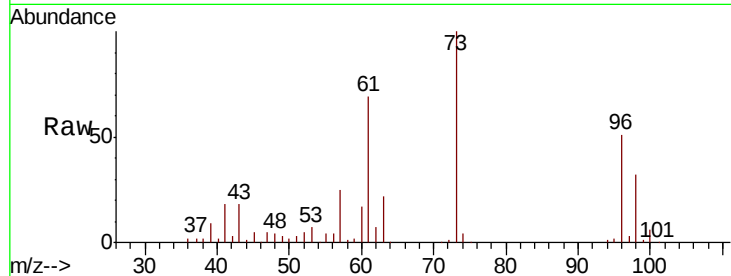
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 195417 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 134.0 | 105.9 | 158.9  |
| 98       | 62.6  | 49.4  | 74.2   |

Manual Integrations  
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12/6/2019 10:01:16 AM

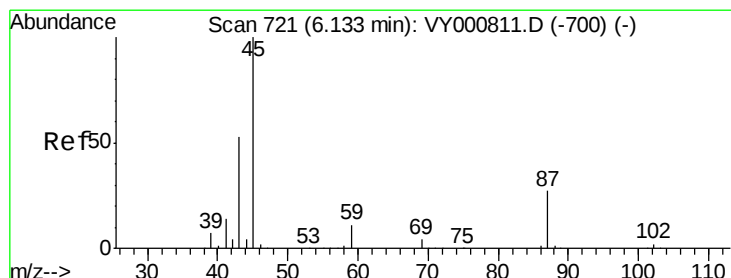
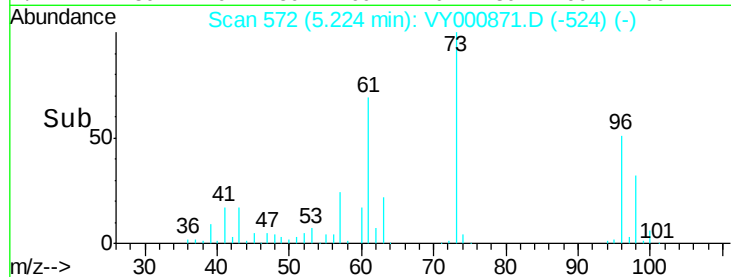
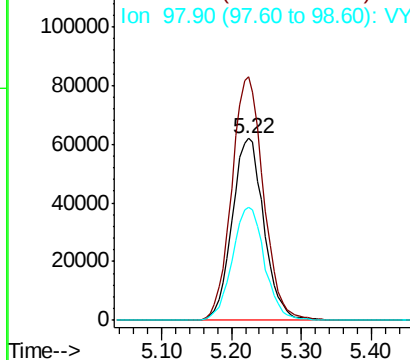


Abundance

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: 54.831 ug/l

RT: 6.13 min Scan# 720

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 626155 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 52.7  | 42.7  | 64.1   |
| 87       | 25.6  | 22.0  | 33.0   |
| 59       | 11.6  | 8.9   | 13.3   |

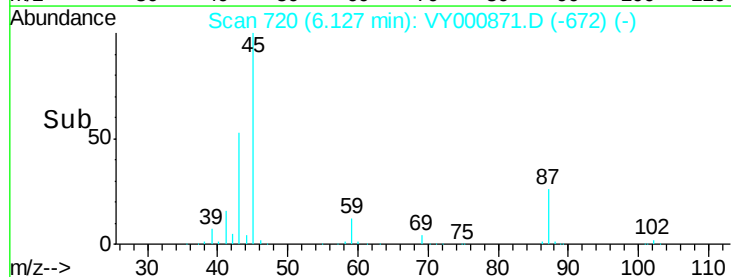
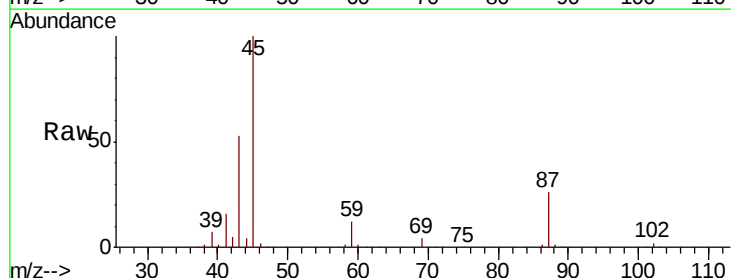
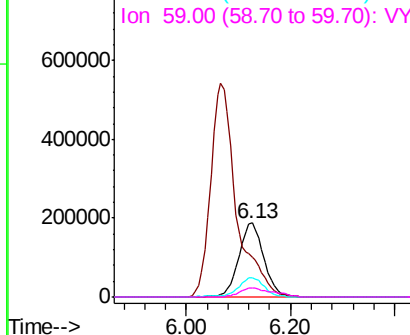
Abundance

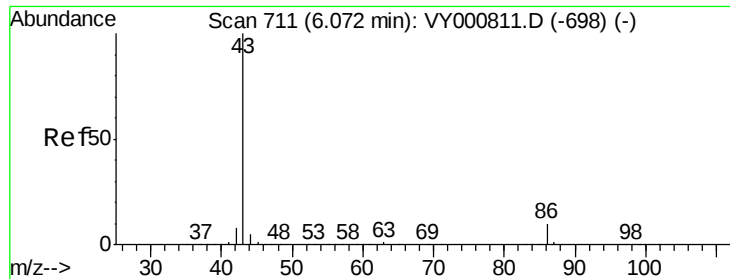
Ion 45.00 (44.70 to 45.70): VY0

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: 268.476 ug/l

RT: 6.07 min Scan# 710

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1863885

Ion Ratio Lower Upper

43 100

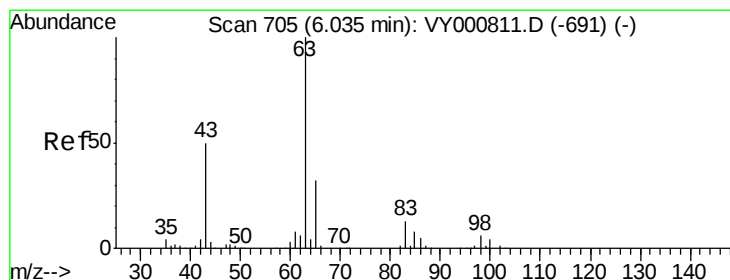
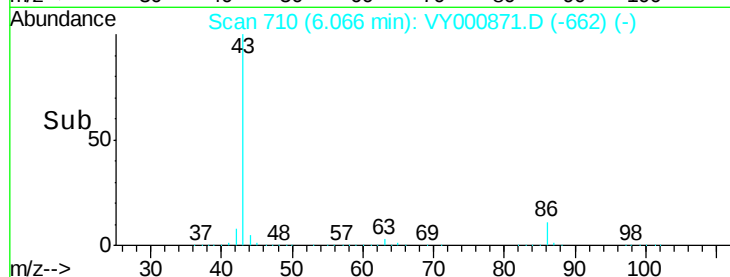
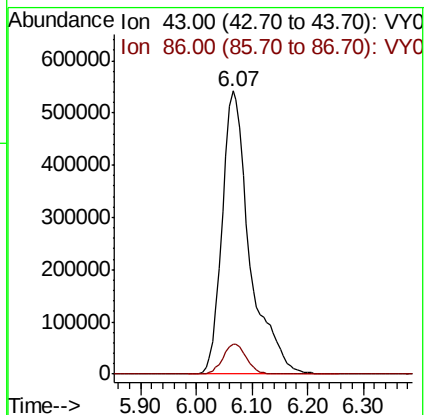
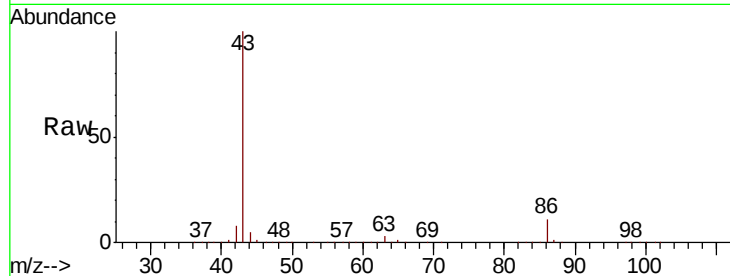
86 10.8 8.3 12.5

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#24

1,1-Dichloroethane

Concen: 52.841 ug/l

RT: 6.02 min Scan# 703

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

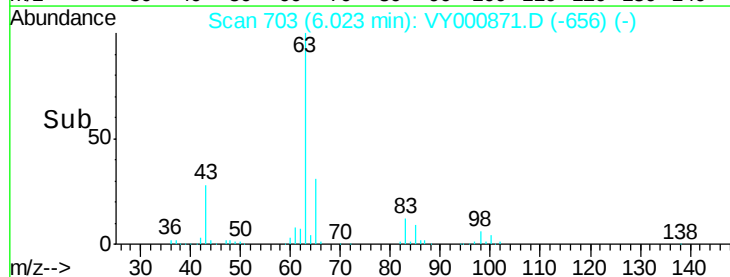
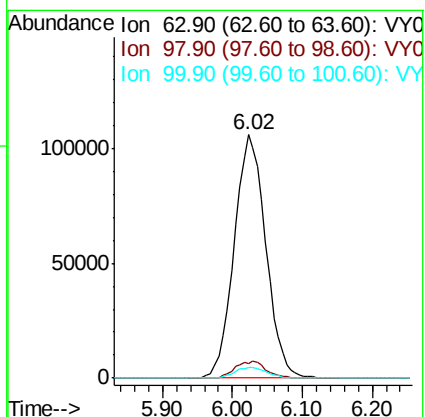
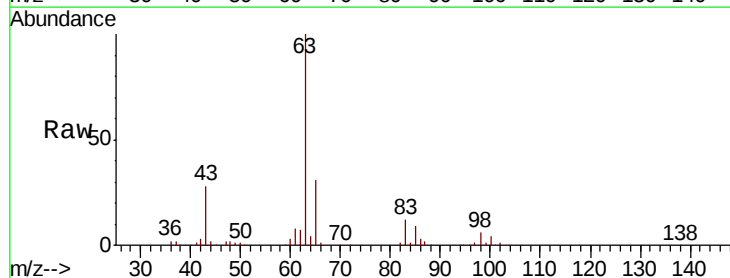
Tgt Ion: 63 Resp: 332585

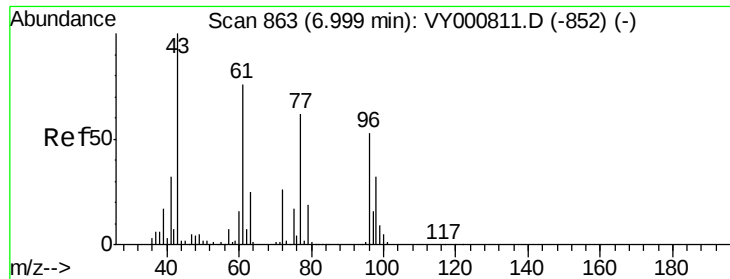
Ion Ratio Lower Upper

63 100

98 5.8 3.3 9.8

100 4.3 2.2 6.6





#25

2-Butanone

Concen: 251.083 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 334131

Ion Ratio Lower Upper

43 100

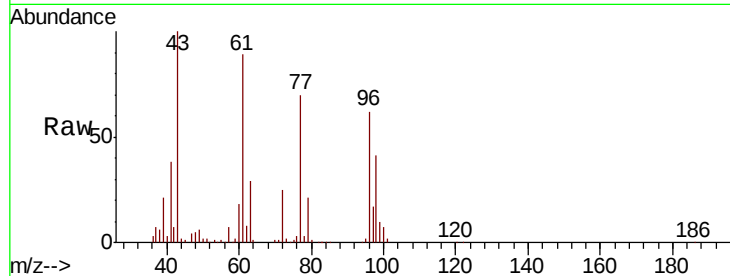
72 24.6 21.0 31.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0

150000

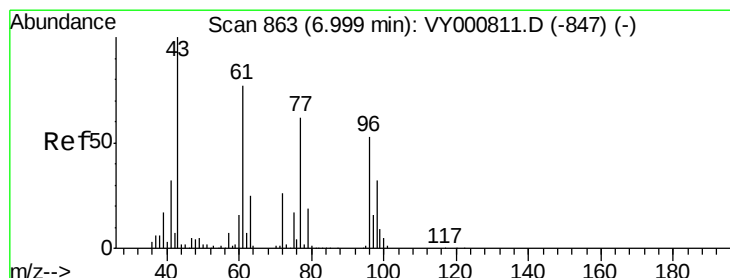
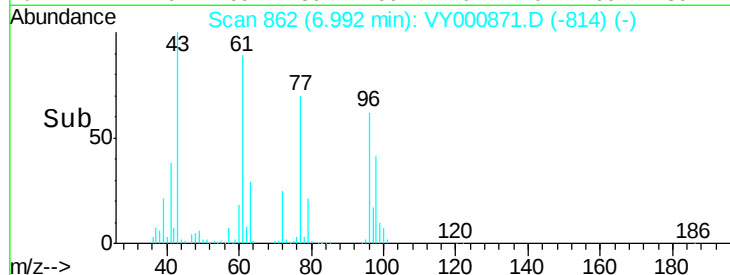
100000

50000

0

6.90 6.95 7.00 7.05

Time-->



#26

2,2-Dichloropropane

Concen: 53.691 ug/l

RT: 6.99 min Scan# 861

Delta R.T. -0.01 min

Lab File: VY000871.D

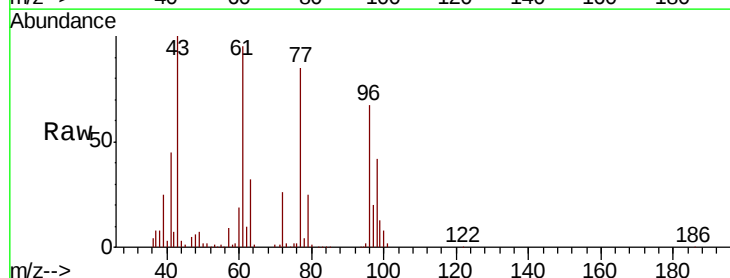
Acq: 05 Dec 2019 10:25

Tgt Ion: 77 Resp: 284425

Ion Ratio Lower Upper

77 100

97 23.1 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0

100000

80000

60000

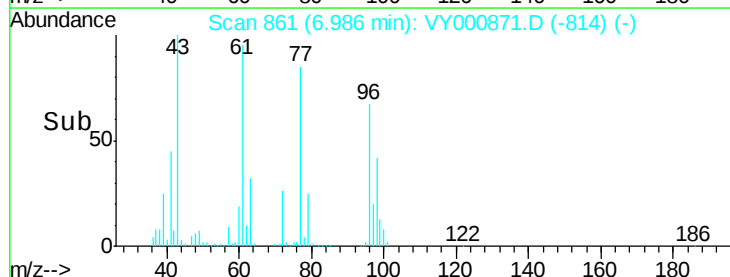
40000

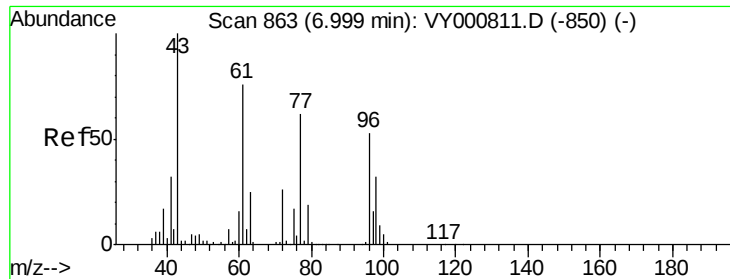
20000

0

6.90 7.00 7.10

Time-->





#27

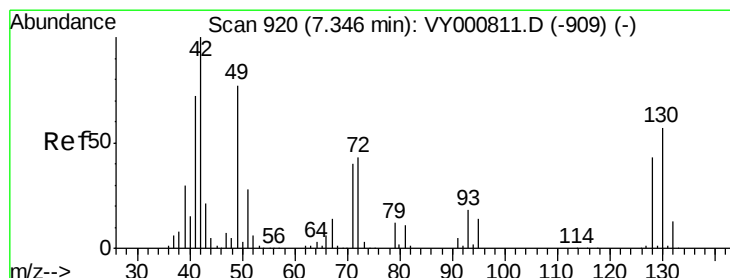
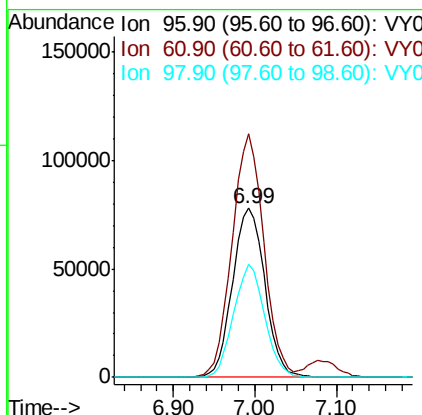
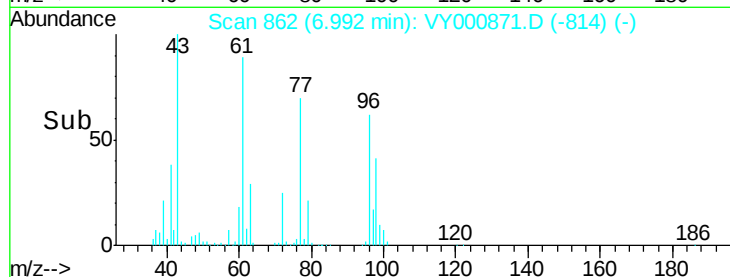
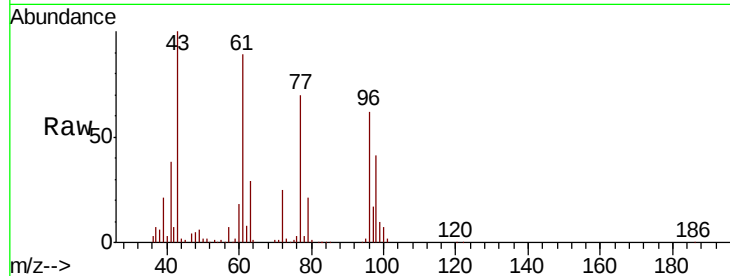
cis-1,2-Dichloroethene  
Concen: 53.836 ug/l  
RT: 6.99 min Scan# 862  
Delta R.T. -0.01 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 214335 |       |       |
| 61      | 141.0 | 0.0    | 285.0 |       |
| 98      | 63.9  | 0.0    | 128.0 |       |

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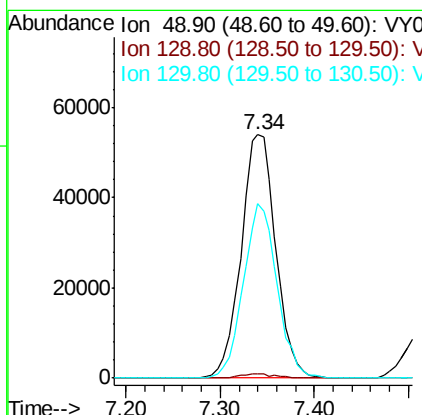
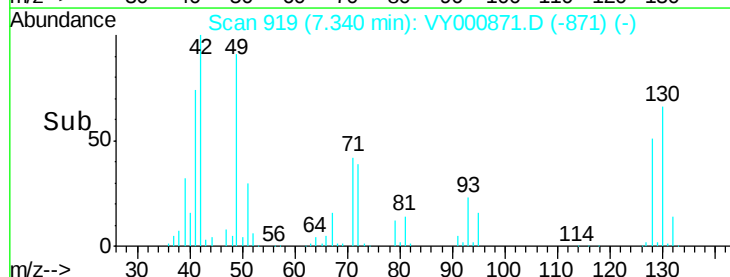
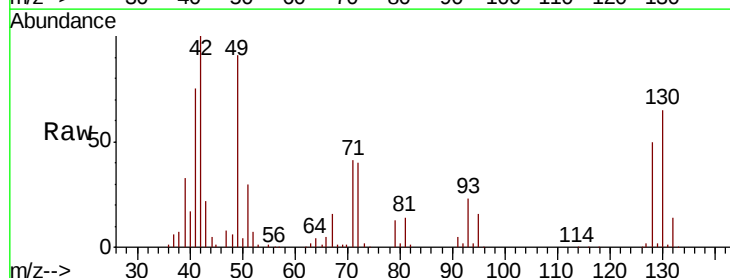
apatel  
12/6/2019 10:01:16 AM

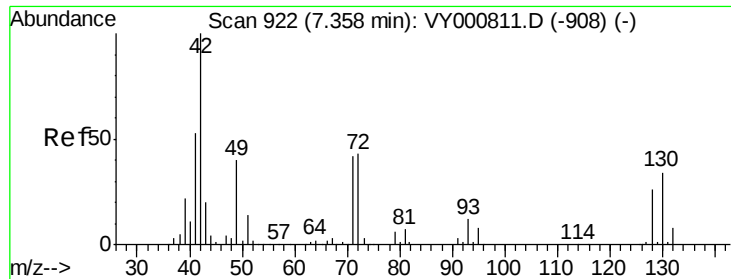


#28

Bromochloromethane  
Concen: 59.849 ug/l  
RT: 7.34 min Scan# 919  
Delta R.T. -0.01 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 139071 |       |       |
| 129     | 1.7   | 0.0    | 3.8   |       |
| 130     | 69.8  | 58.7   | 88.1  |       |





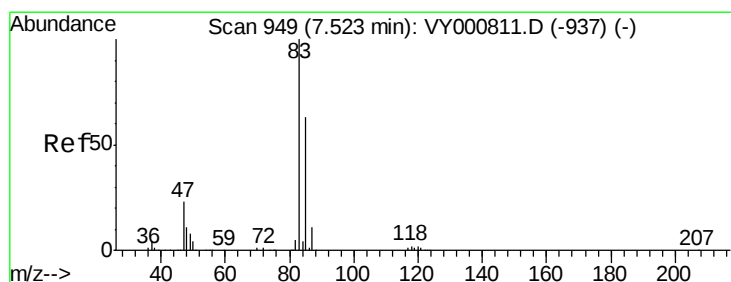
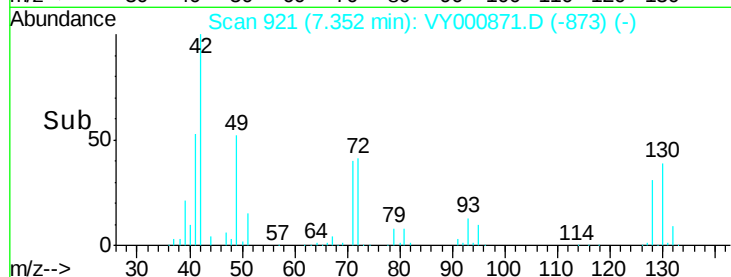
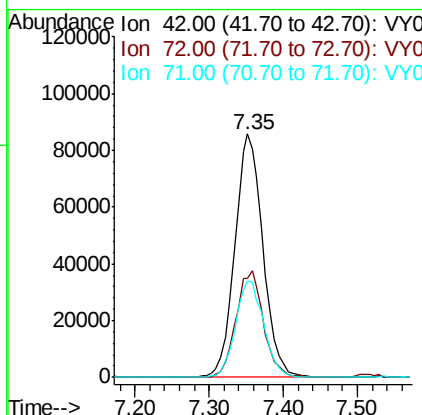
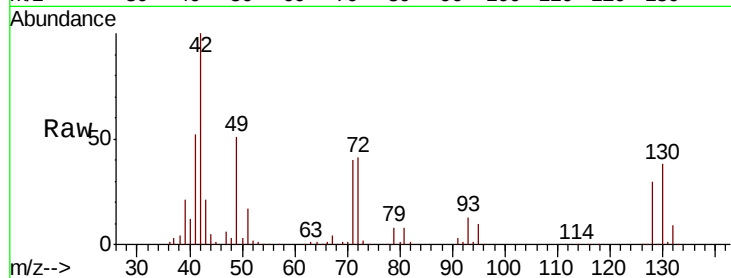
#29  
Tetrahydrofuran  
Concen: 256.760 ug/l  
RT: 7.35 min Scan# 921  
Delta R.T. -0.01 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 42      | 100   | 226419 |       |       |
| 72      | 42.9  |        | 35.1  | 52.7  |
| 71      | 40.1  |        | 32.8  | 49.2  |

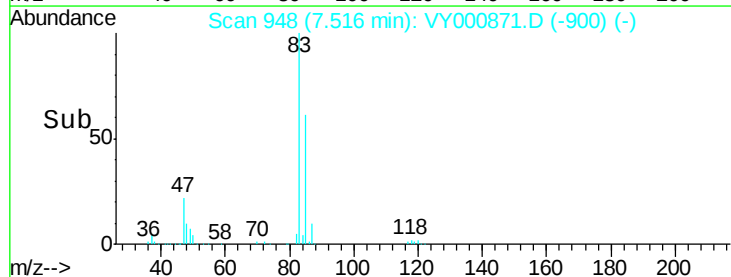
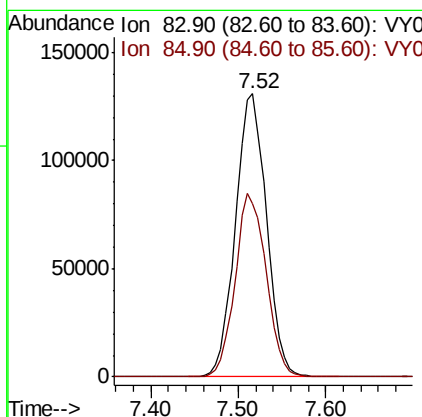
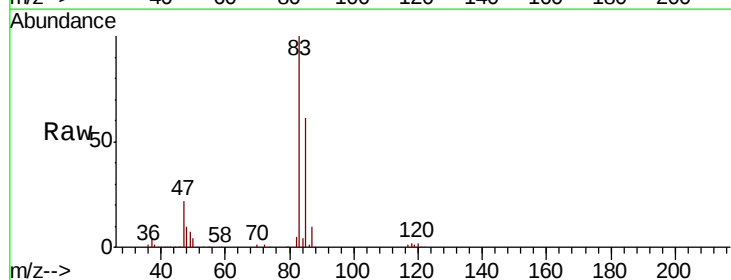
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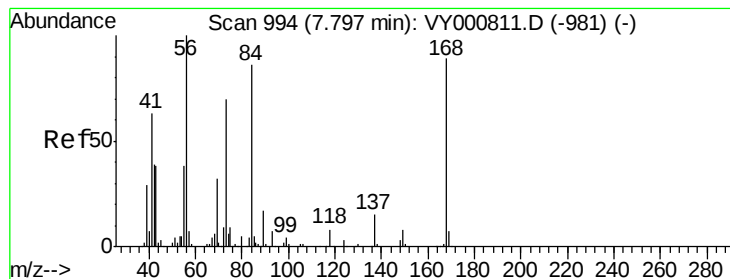
apatel  
12/6/2019 10:01:16 AM



#30  
Chloroform  
Concen: 51.127 ug/l  
RT: 7.52 min Scan# 948  
Delta R.T. -0.01 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 322819 |       |       |
| 85      | 61.3  |        | 50.4  | 75.6  |





#31

Cyclohexane

Concen: 51.617 ug/l

RT: 7.79 min Scan# 993

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA\_Y

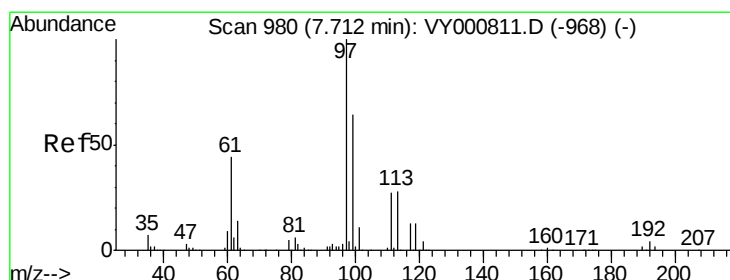
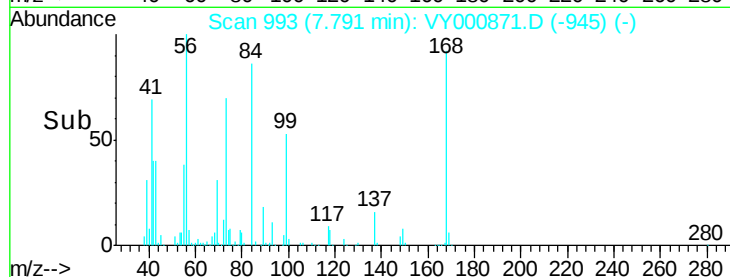
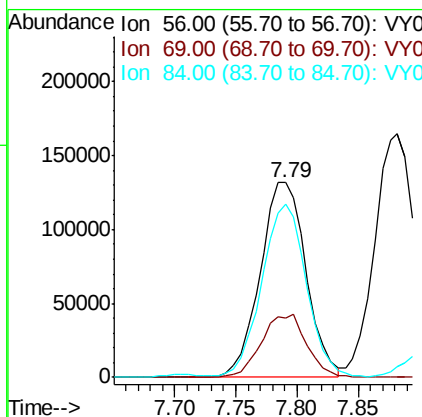
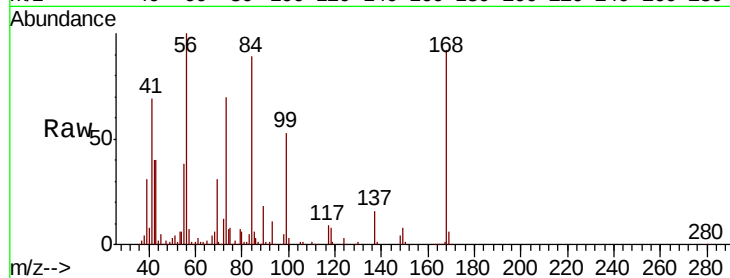
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 56    | Resp: | 344169 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 30.7  | 25.9  | 38.9   |
| 84       | 87.3  | 68.6  | 102.8  |

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#32

1,1,1-Trichloroethane

Concen: 53.324 ug/l

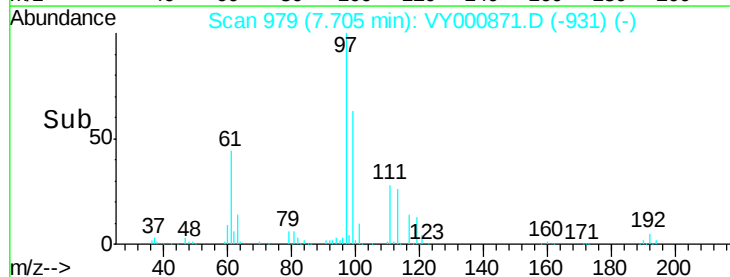
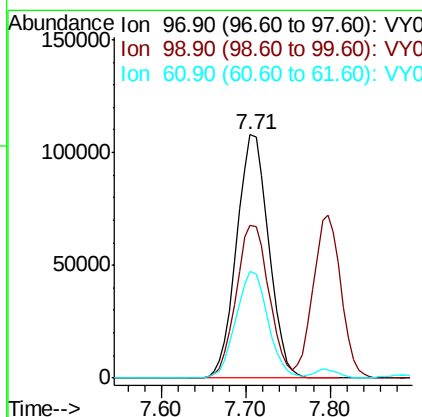
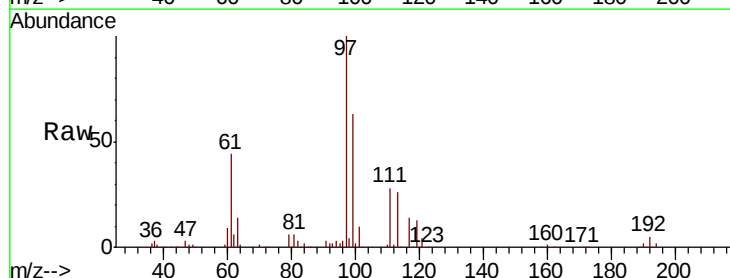
RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 278021 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 64.5  | 51.7  | 77.5   |
| 61       | 43.8  | 35.0  | 52.6   |





#33

1,2-Dichloroethane-d4

Concen: 51.956 ug/l

RT: 8.14 min Scan# 1051

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 163161

Ion Ratio Lower Upper

65 100

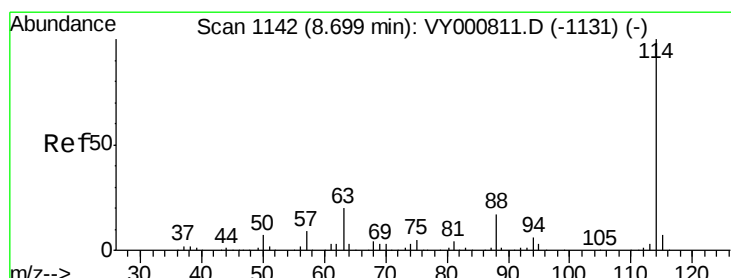
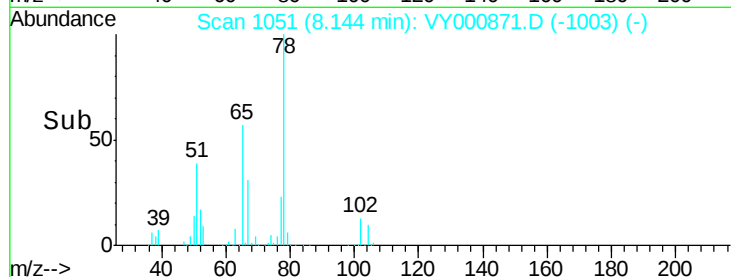
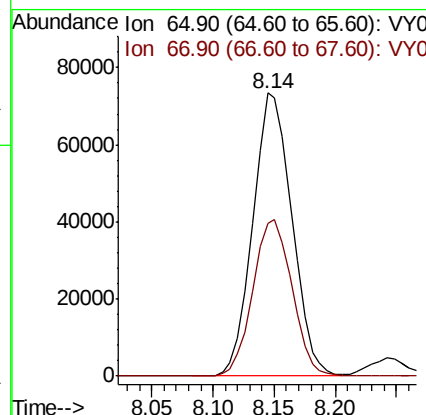
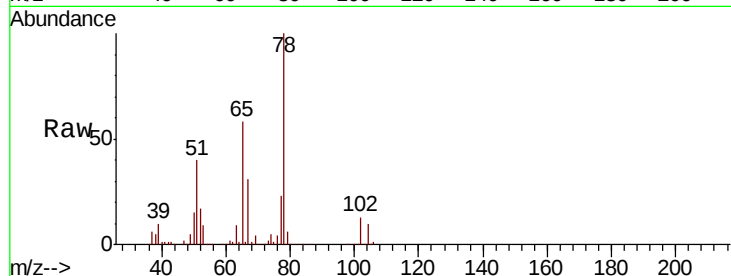
67 55.4 0.0 112.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.69 min Scan# 1141

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

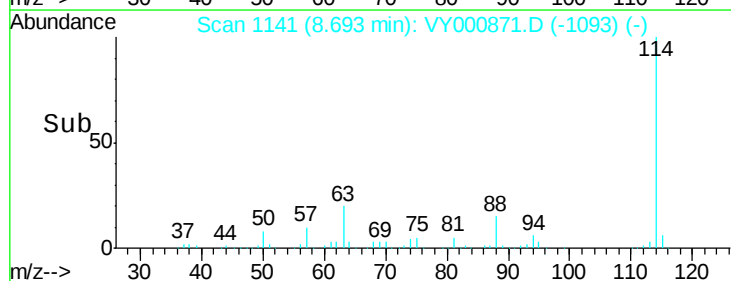
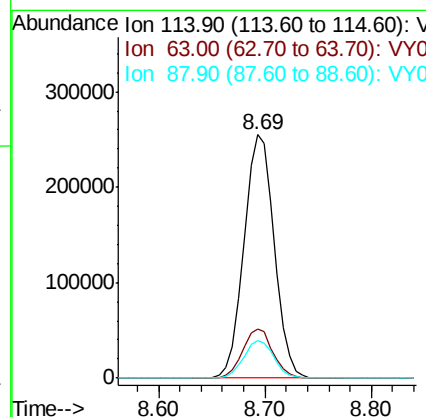
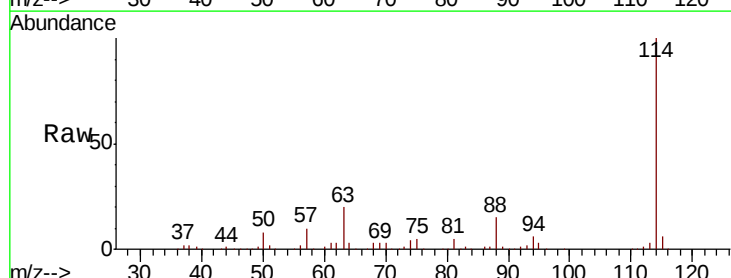
Tgt Ion: 114 Resp: 509019

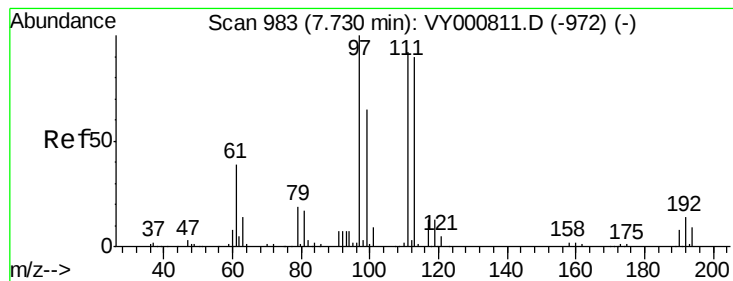
Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.8

88 15.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.748 ug/l

RT: 7.72 min Scan# 982

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA\_Y

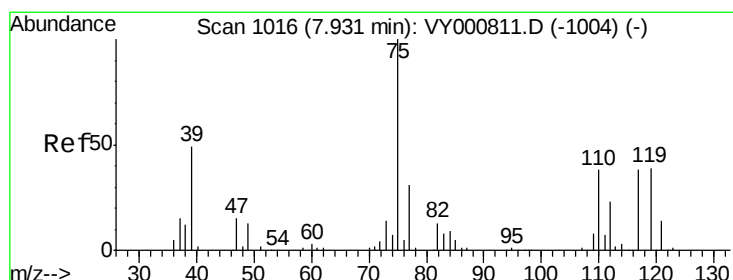
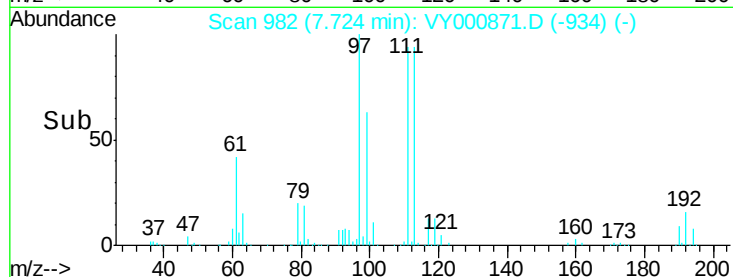
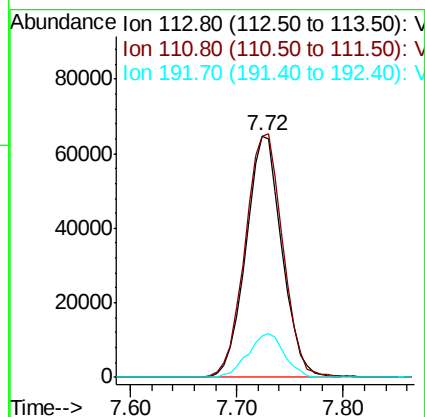
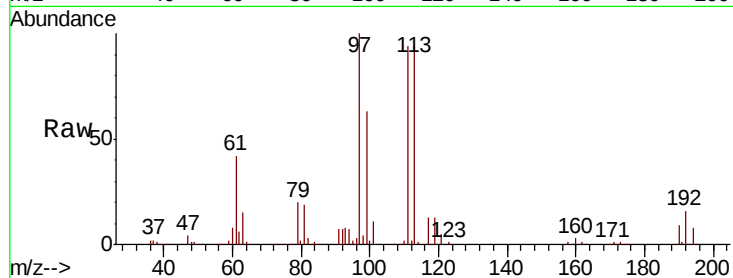
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 153514 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 105.4 | 82.4  | 123.6  |
| 192       | 18.5  | 14.2  | 21.2   |

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#36

1,1-Dichloropropene

Concen: 53.384 ug/l

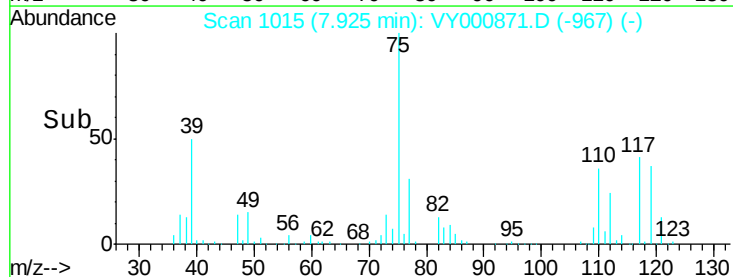
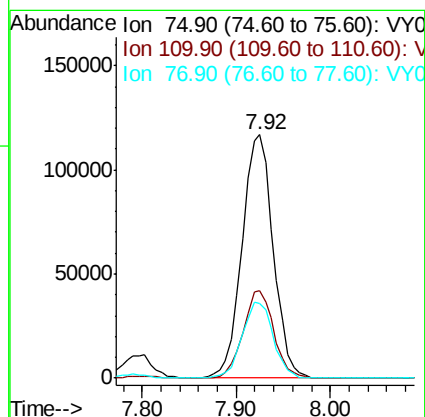
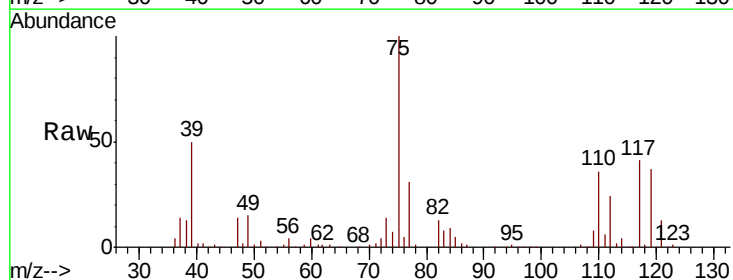
RT: 7.92 min Scan# 1015

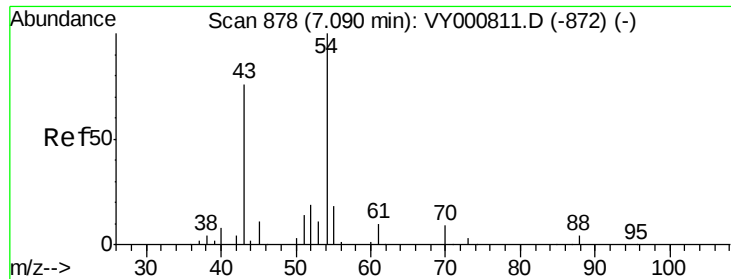
Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 270187 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 35.4  | 17.9  | 53.7   |
| 77        | 31.6  | 24.7  | 37.1   |





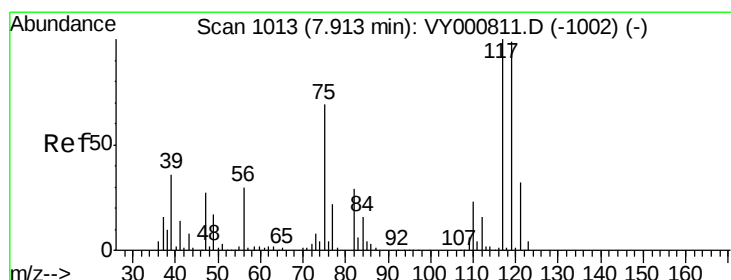
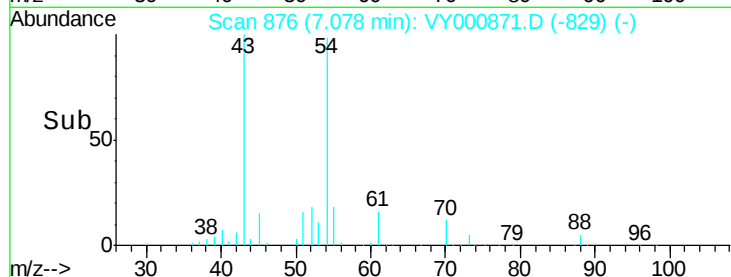
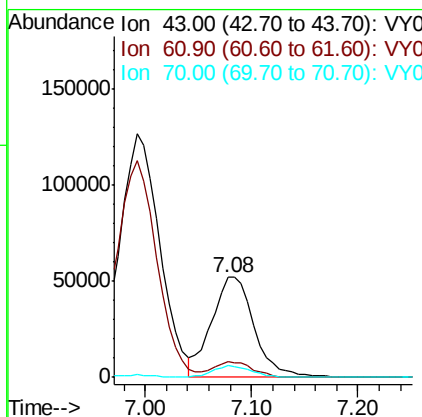
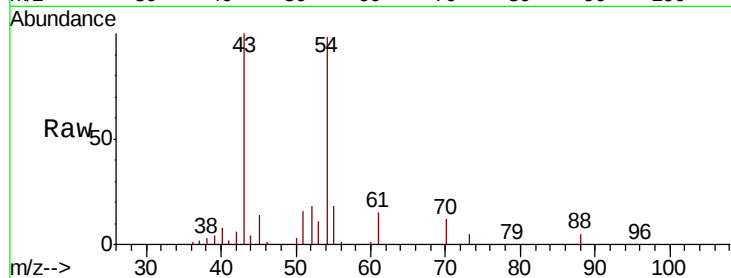
#37  
Ethyl Acetate  
Concen: 49.329 ug/l  
RT: 7.08 min Scan# 876  
Delta R.T. -0.01 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.7  | 11.8  | 17.8  |
| 70      | 10.8  | 8.7   | 13.1  |

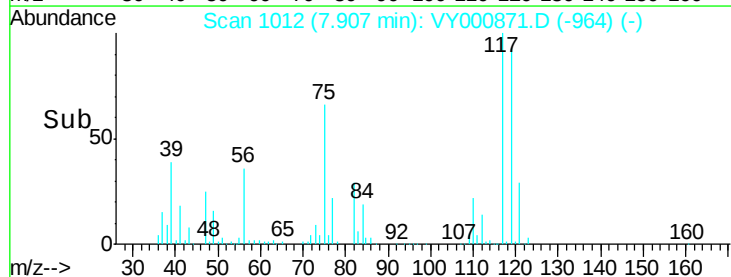
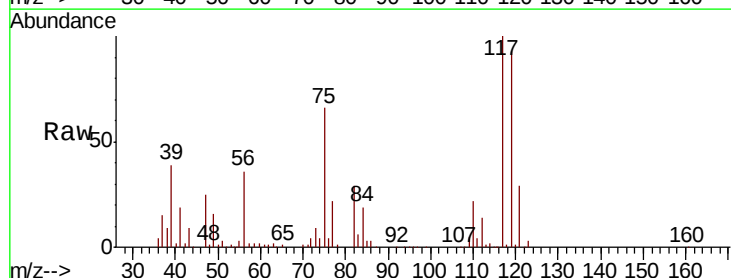
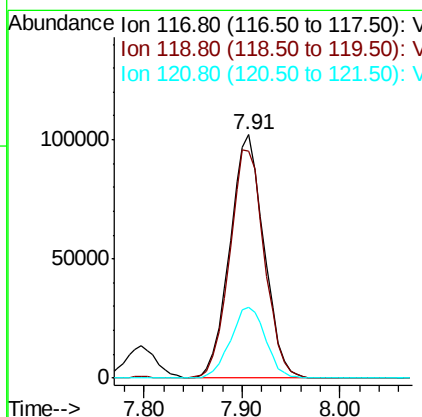
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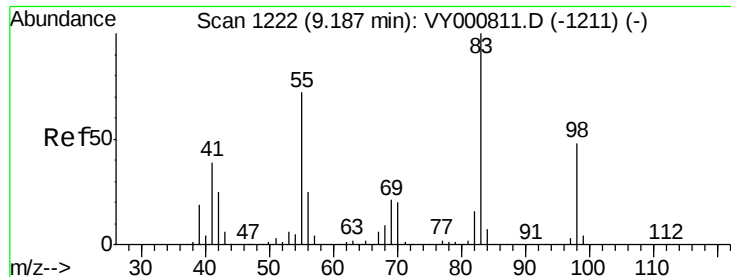
apatel  
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#38  
Carbon Tetrachloride  
Concen: 54.636 ug/l  
RT: 7.91 min Scan# 1012  
Delta R.T. -0.01 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 93.5  | 79.3  | 118.9 |
| 121     | 29.0  | 25.5  | 38.3  |





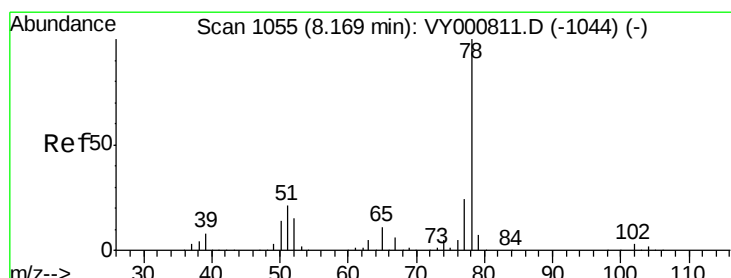
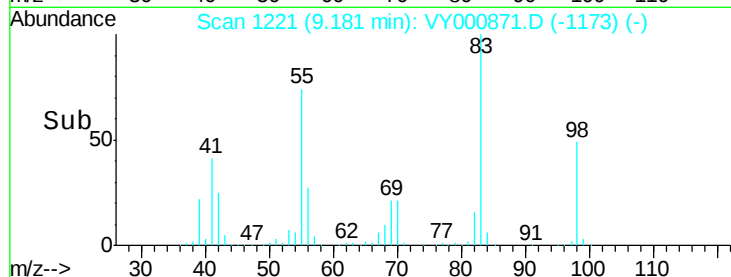
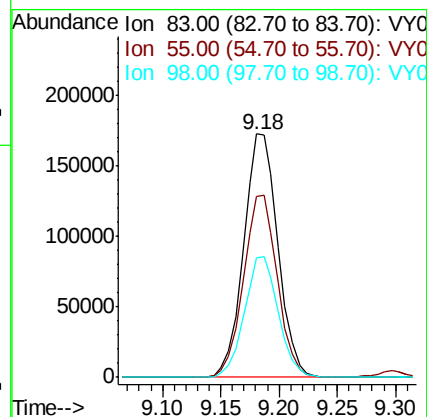
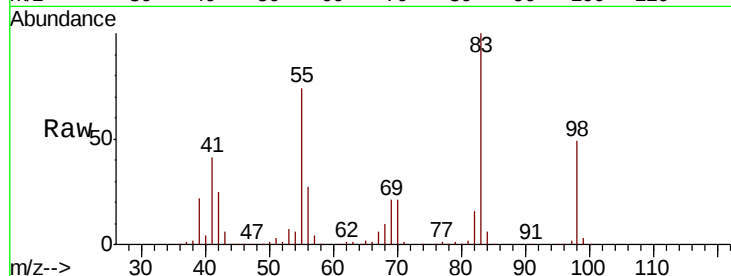
#39  
Methvlcvclohexane  
Concen: 52.618 ug/l  
RT: 9.18 min Scan# 1221  
Delta R.T. -0.01 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 74.5  | 57.8  | 86.6  |
| 98      | 49.3  | 38.6  | 58.0  |

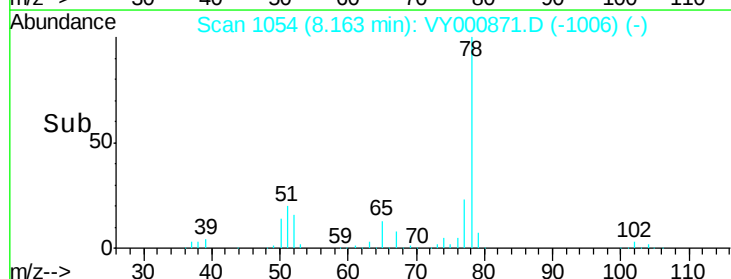
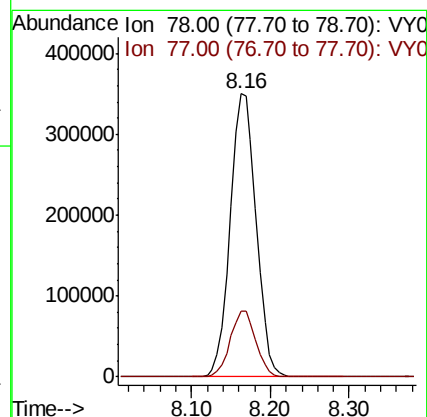
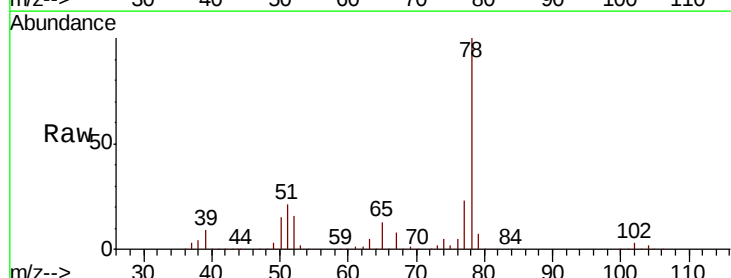
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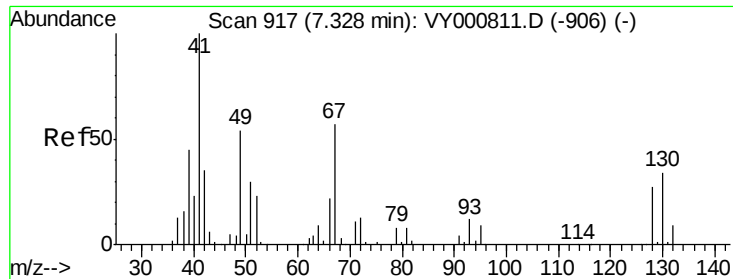
apatel  
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#40  
Benzene  
Concen: 54.179 ug/l  
RT: 8.16 min Scan# 1054  
Delta R.T. -0.01 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.4  | 19.2  | 28.8  |





#41

Methacrylonitrile

Concen: 51.948 ug/l m

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 80013

Ion Ratio Lower Upper

41 100

39 111.5 95.7 143.5

67 0.0 0.0 0.0

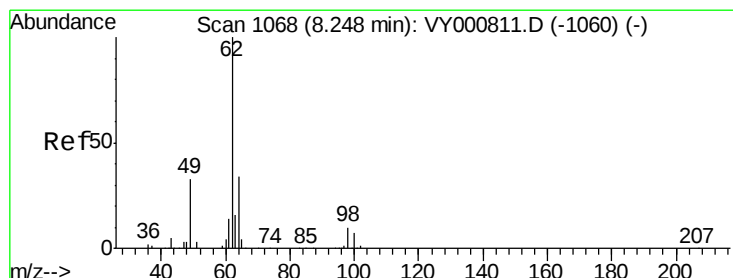
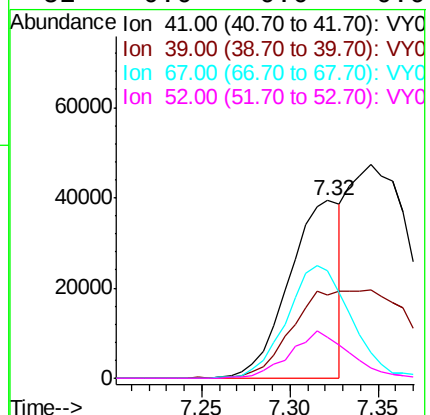
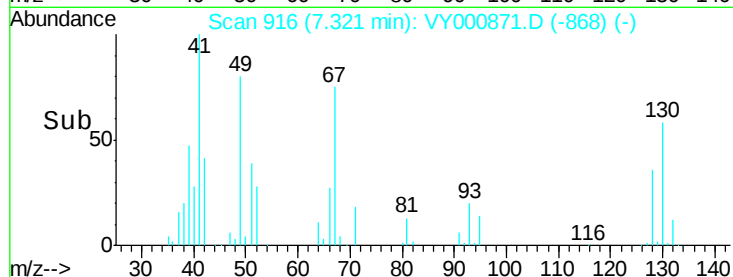
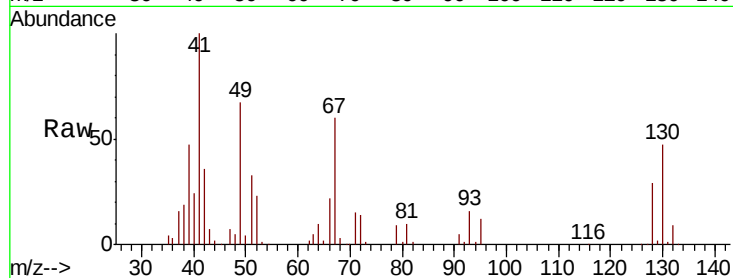
52 0.0 0.0 0.0

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#42

1,2-Dichloroethane

Concen: 52.643 ug/l

RT: 8.24 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VY000871.D

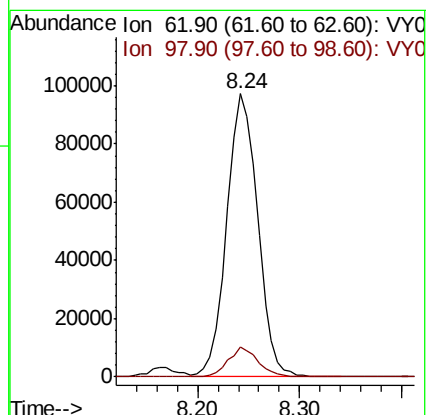
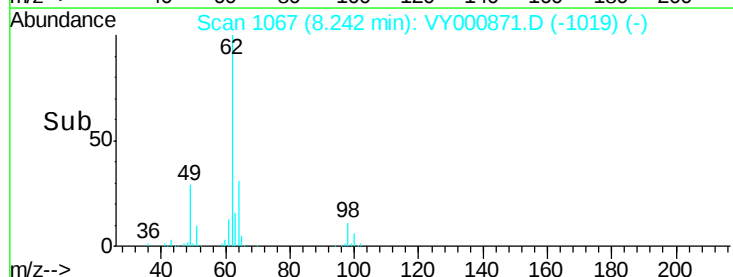
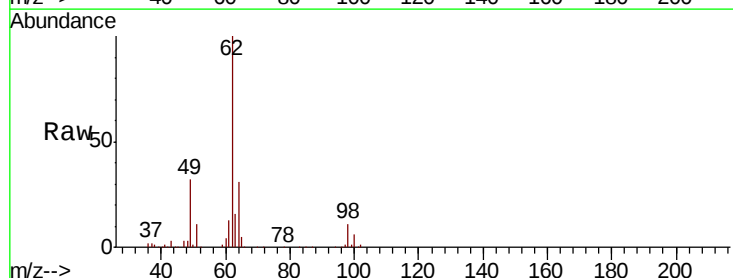
Acq: 05 Dec 2019 10:25

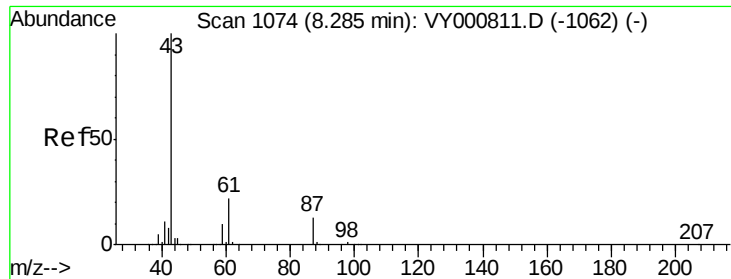
Tgt Ion: 62 Resp: 204099

Ion Ratio Lower Upper

62 100

98 10.0 0.0 21.4





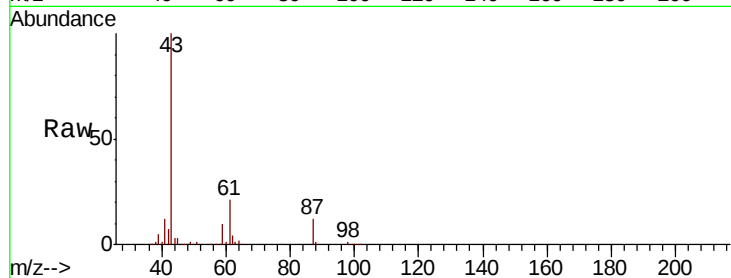
#43  
Isopropyl Acetate  
Concen: 50.533 ug/l  
RT: 8.28 min Scan# 1073  
Delta R.T. -0.01 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

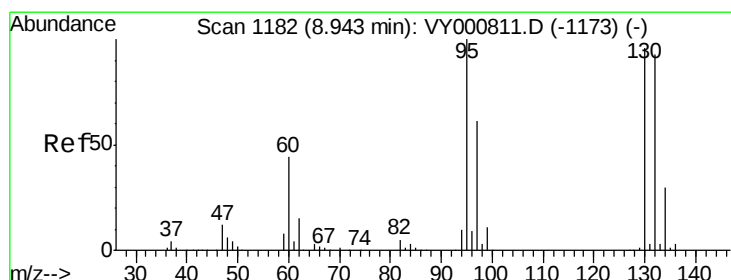
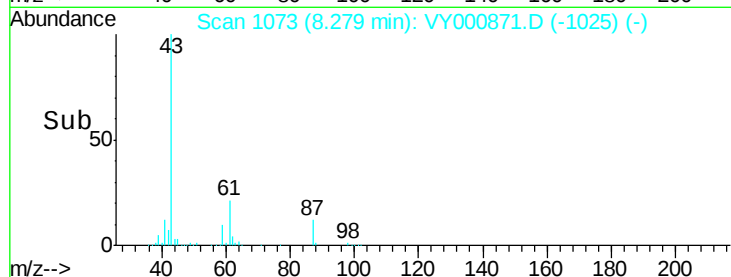
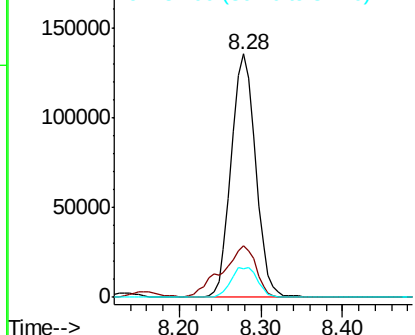
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 29.7  | 23.7  | 35.5  |
| 87      | 13.3  | 10.6  | 15.8  |

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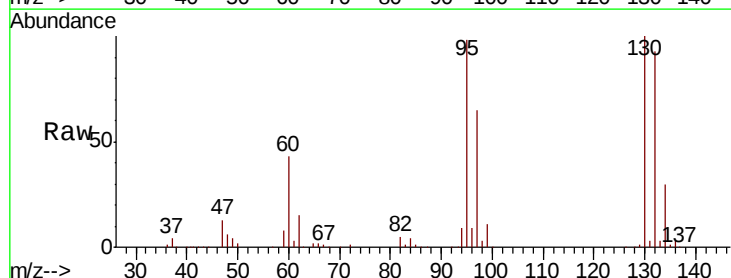


Abundance Ion 43.00 (42.70 to 43.70): VY0  
Ion 61.00 (60.70 to 61.70): VY0  
Ion 87.00 (86.70 to 87.70): VY0

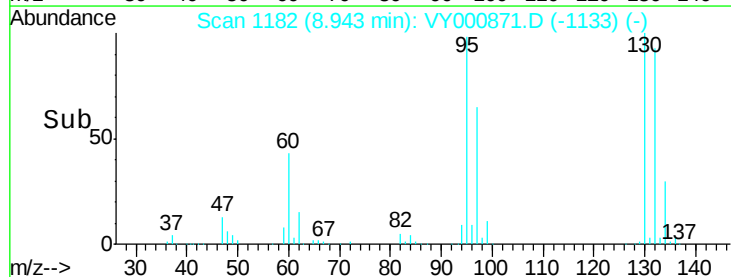
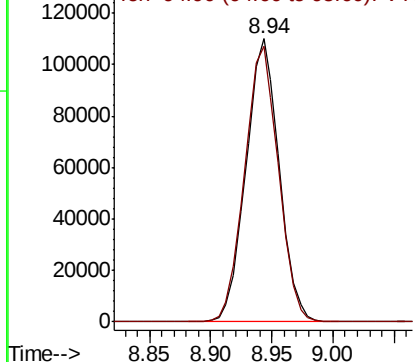


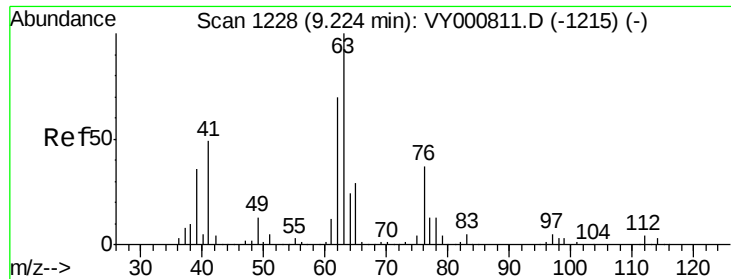
#44  
Trichloroethene  
Concen: 54.671 ug/l  
RT: 8.94 min Scan# 1182  
Delta R.T. -0.00 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 97.6  | 0.0   | 207.8 |



Abundance Ion 129.80 (129.50 to 130.50): V  
Ion 94.90 (94.60 to 95.60): VY0





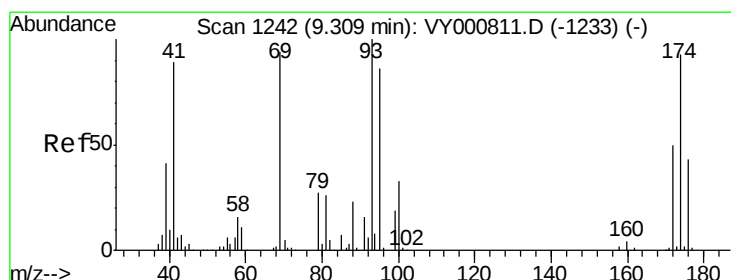
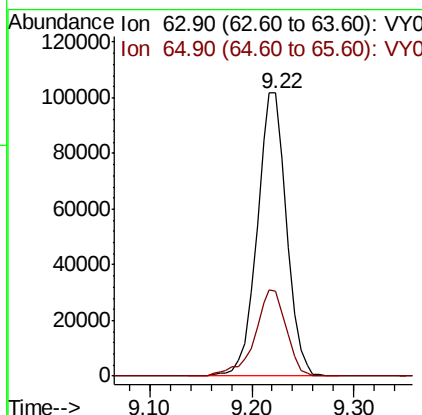
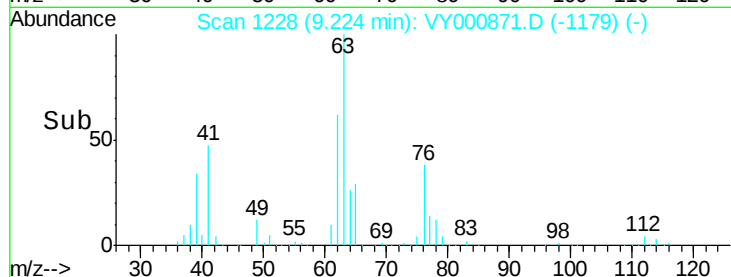
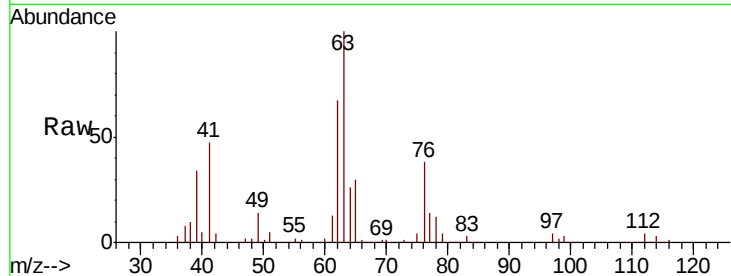
#45  
 1,2-Dichloropropane  
 Concen: 54.944 ug/l  
 RT: 9.22 min Scan# 1228  
 Delta R.T. -0.00 min  
 Lab File: VY000871.D  
 Acq: 05 Dec 2019 10:25

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 63 Resp: 203461  
 Ion Ratio Lower Upper  
 63 100  
 65 30.0 23.2 34.8

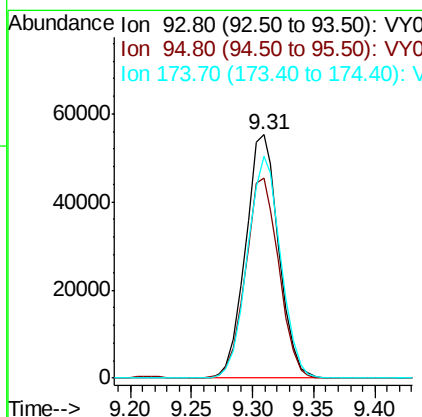
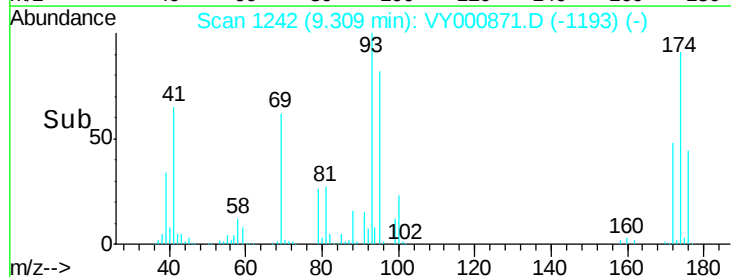
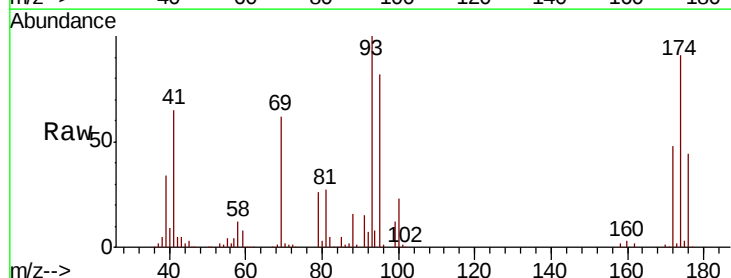
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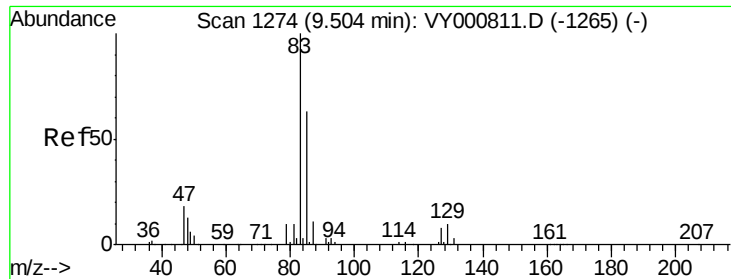
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#46  
 Dibromomethane  
 Concen: 53.820 ug/l  
 RT: 9.31 min Scan# 1242  
 Delta R.T. -0.00 min  
 Lab File: VY000871.D  
 Acq: 05 Dec 2019 10:25

Tgt Ion: 93 Resp: 104131  
 Ion Ratio Lower Upper  
 93 100  
 95 82.6 66.4 99.6  
 174 91.0 73.0 109.6





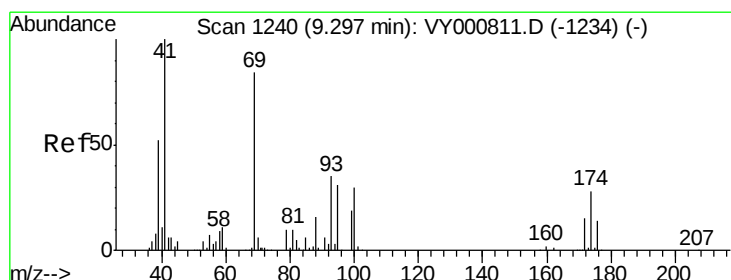
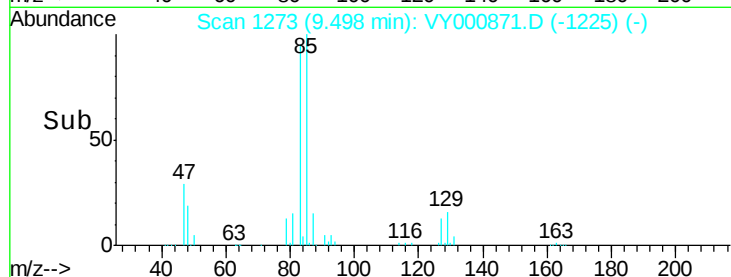
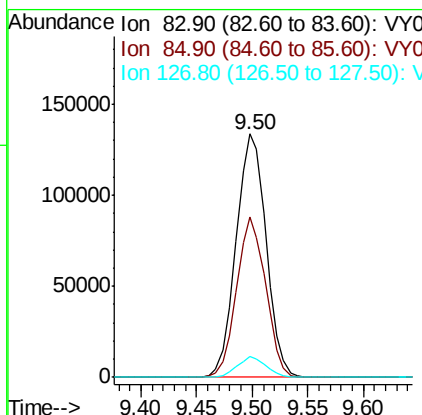
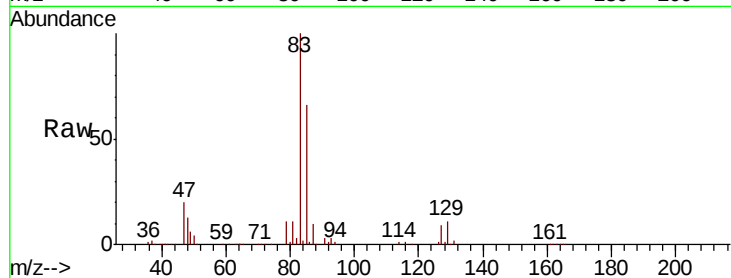
#47  
Bromodichloromethane  
Concen: 54.903 ug/l  
RT: 9.50 min Scan# 1273  
Delta R.T. -0.01 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 249544 |       |       |
| 85      | 65.7  | 50.8   | 76.2  |       |
| 127     | 8.6   | 6.6    | 10.0  |       |

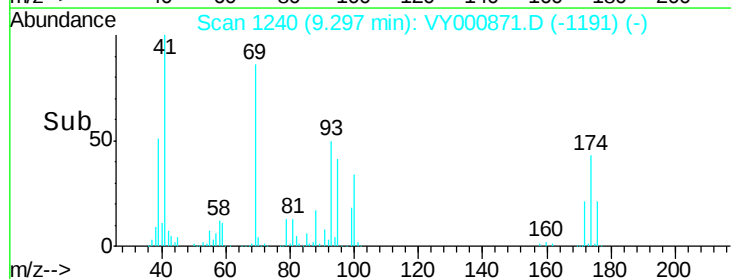
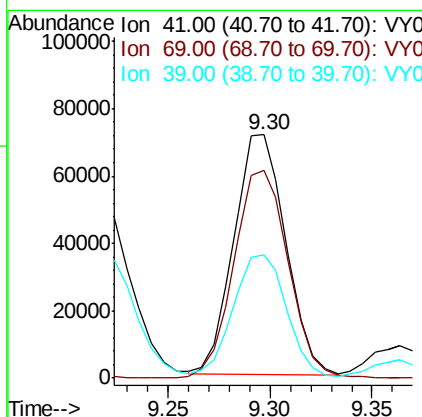
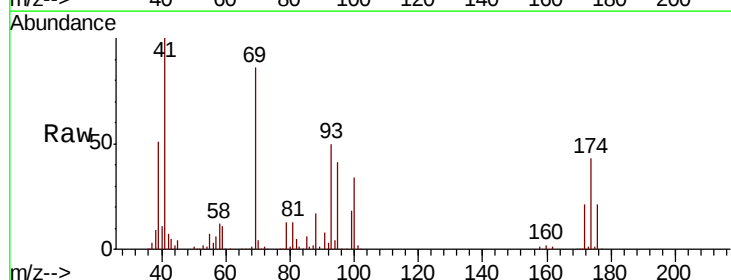
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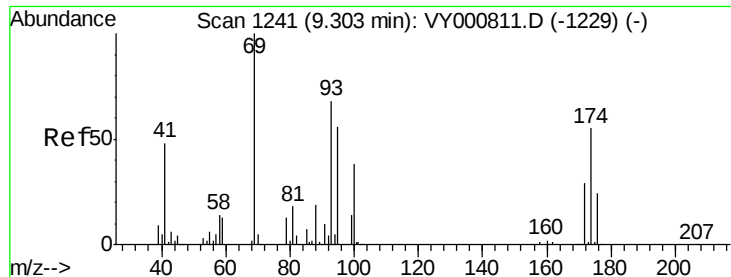
apatel  
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#48  
Methyl methacrylate  
Concen: 51.892 ug/l  
RT: 9.30 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 41      | 100   | 125666 |       |       |
| 69      | 90.9  | 70.4   | 105.6 |       |
| 39      | 53.5  | 40.9   | 61.3  |       |





#49

1,4-Dioxane

Concen: 989.509 ug/l

RT: 9.30 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA\_Y

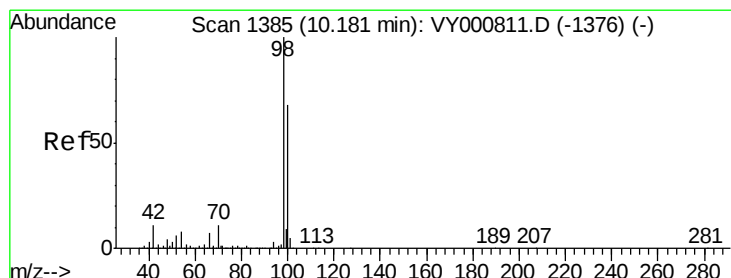
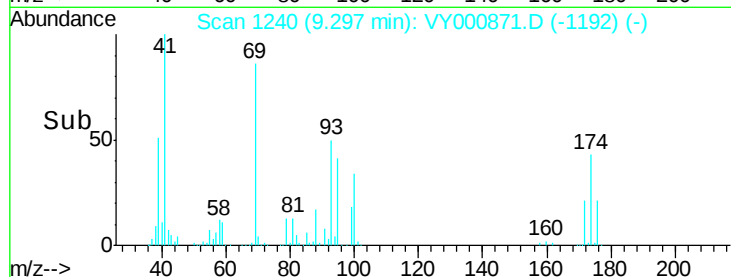
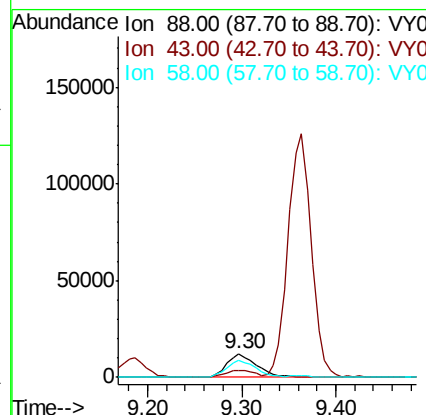
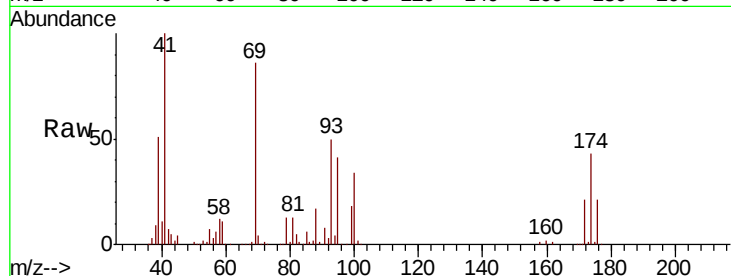
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 27127 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 29.7  | 21.1  | 31.7  |
| 58       | 68.6  | 50.7  | 76.1  |

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#50

Toluene-d8

Concen: 55.327 ug/l

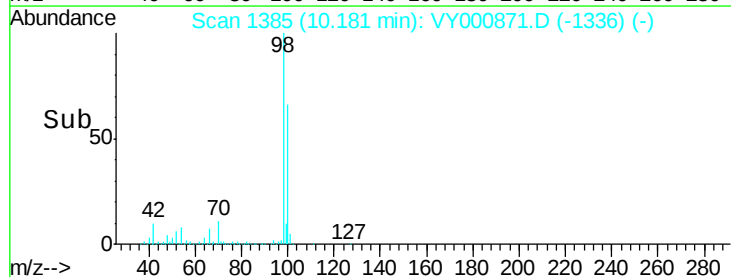
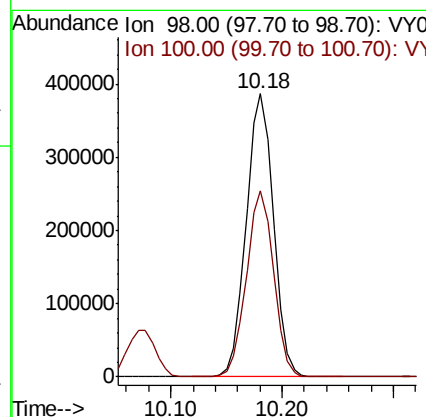
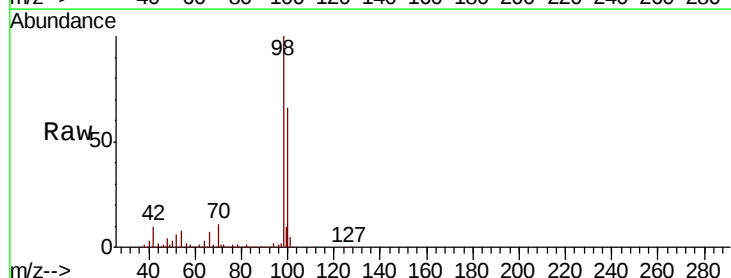
RT: 10.18 min Scan# 1385

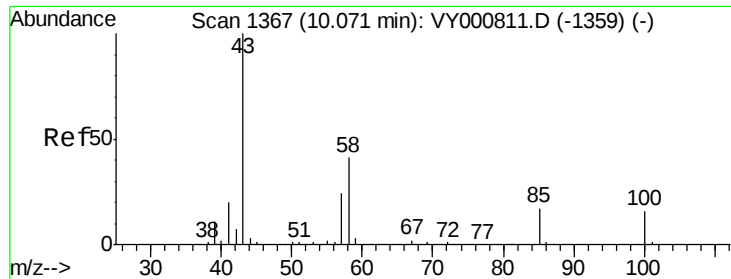
Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 656185 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 65.6  | 53.1  | 79.7   |





#51

4-Methyl-2-Pentanone

Concen: 260.103 ug/l

RT: 10.07 min Scan# 1367

Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 740107

Ion Ratio Lower Upper

43 100

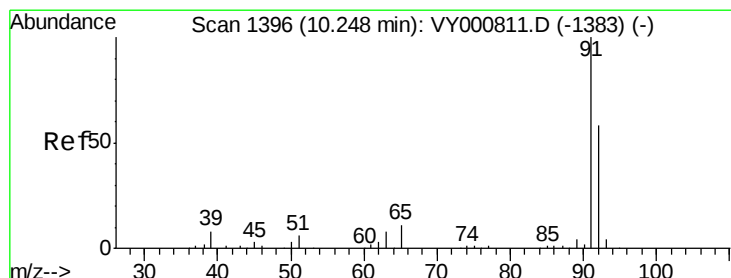
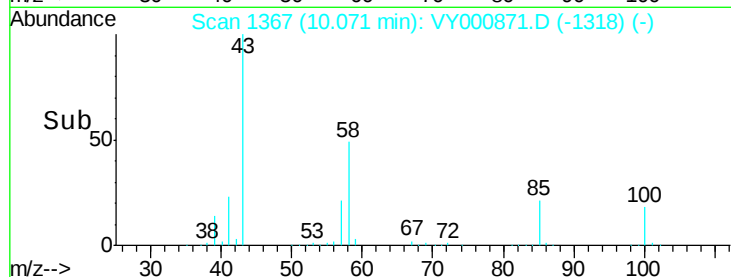
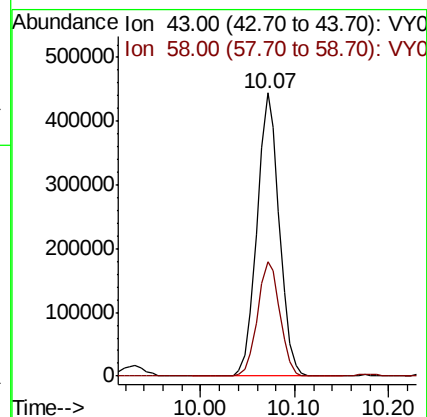
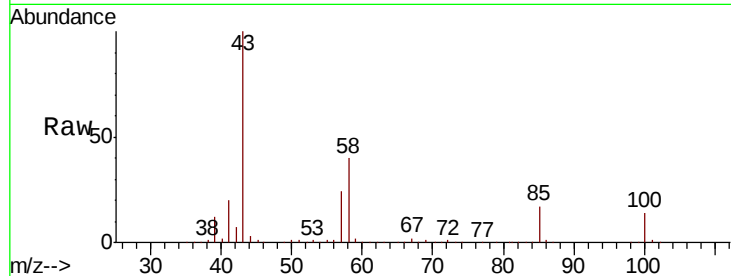
58 40.8 33.1 49.7

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#52

Toluene

Concen: 55.506 ug/l

RT: 10.24 min Scan# 1395

Delta R.T. -0.01 min

Lab File: VY000871.D

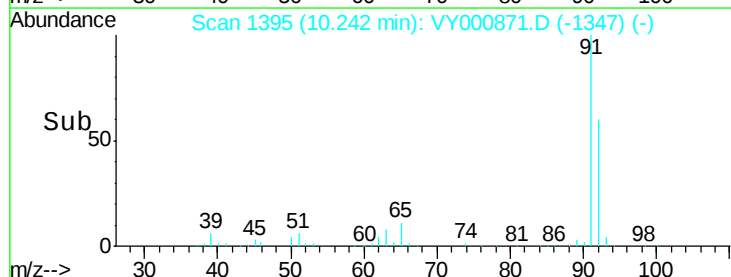
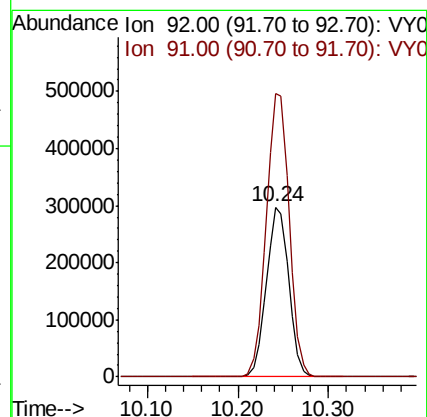
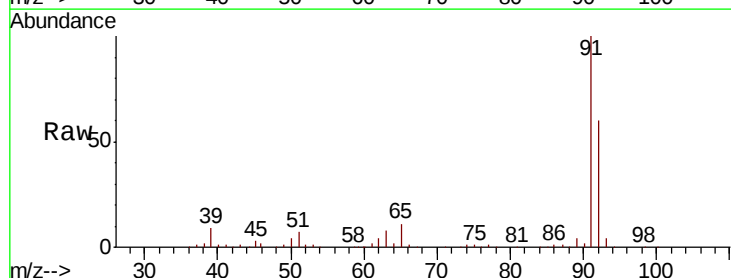
Acq: 05 Dec 2019 10:25

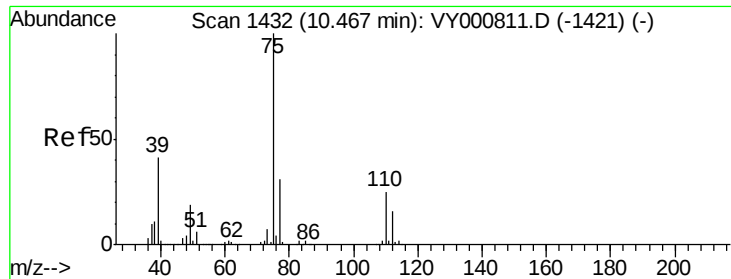
Tgt Ion: 92 Resp: 506649

Ion Ratio Lower Upper

92 100

91 170.7 136.6 204.8





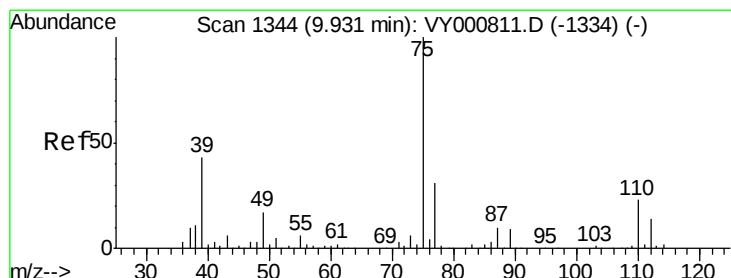
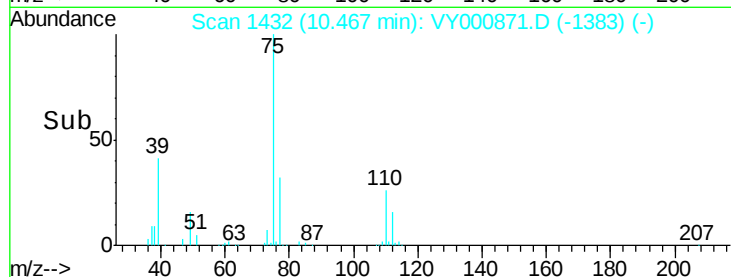
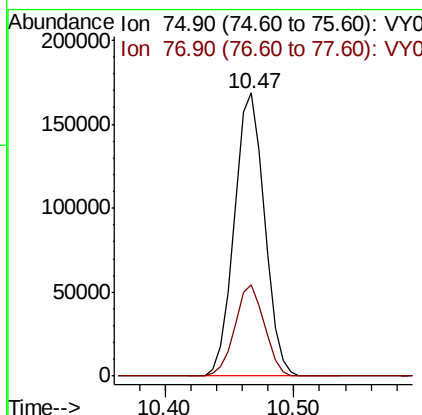
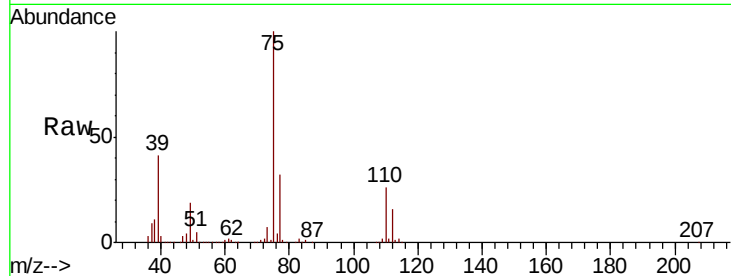
#53  
 t-1,3-Dichloropropene  
 Concen: 56.208 ug/l  
 RT: 10.47 min Scan# 1432  
 Delta R.T. -0.00 min  
 Lab File: VY000871.D  
 Acq: 05 Dec 2019 10:25

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.3  | 25.1  | 37.7  |

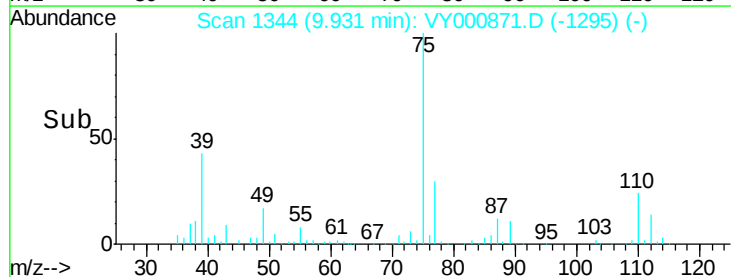
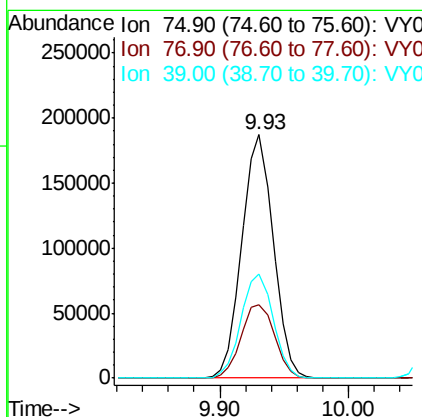
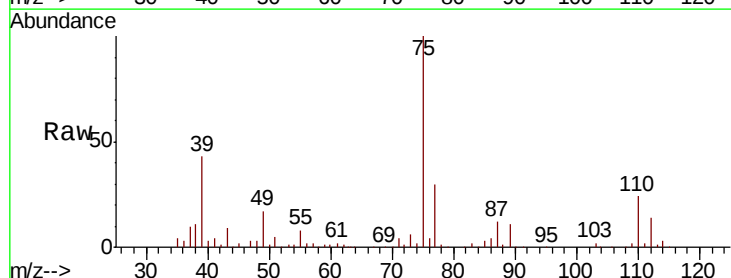
Manual Integrations  
 APPROVED

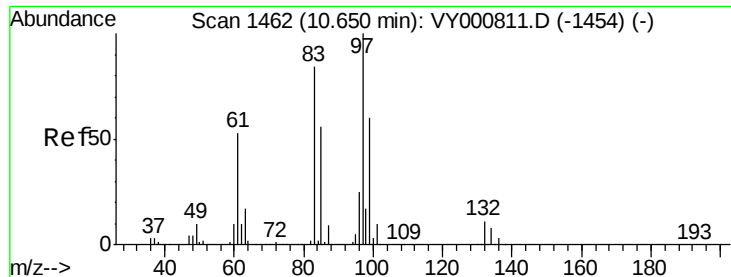
apatel  
 12/6/2019 10:01:16 AM



#54  
 cis-1,3-Dichloropropene  
 Concen: 54.877 ug/l  
 RT: 9.93 min Scan# 1344  
 Delta R.T. -0.00 min  
 Lab File: VY000871.D  
 Acq: 05 Dec 2019 10:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 30.0  | 24.7  | 37.1  |
| 39      | 42.7  | 34.5  | 51.7  |





#55

1,1,2-Trichloroethane

Concen: 54.132 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. -0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 154738

Ion Ratio Lower Upper

97 100

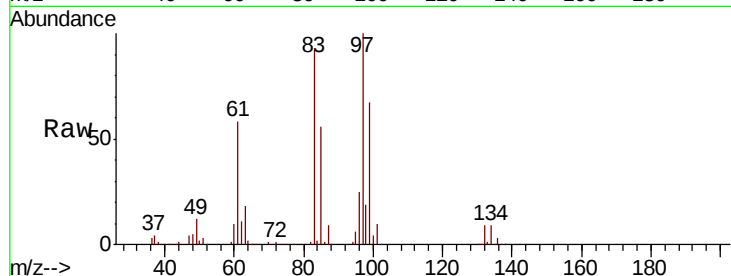
83 91.5 67.5 101.3

85 56.2 44.5 66.7

99 66.7 47.7 71.5

Manual Integrations  
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apatel  
12/6/2019 10:01:16 AM

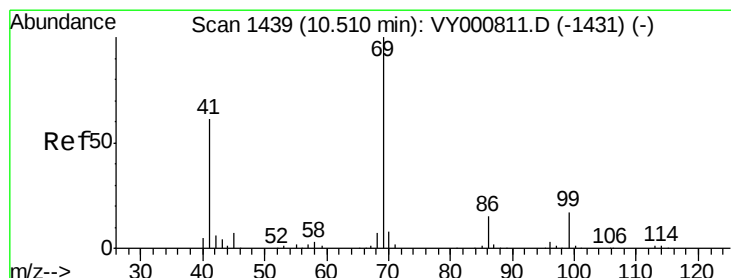
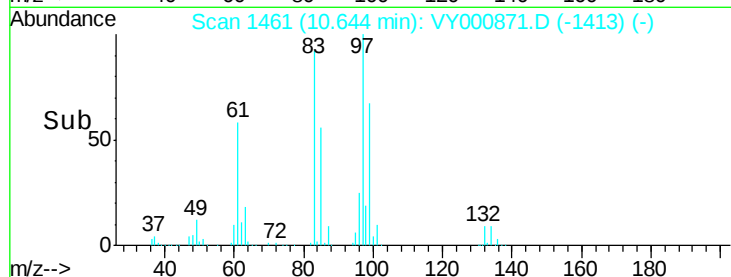
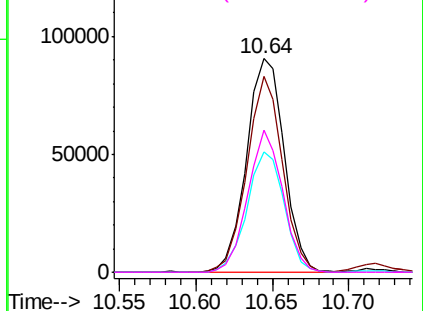


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 55.173 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

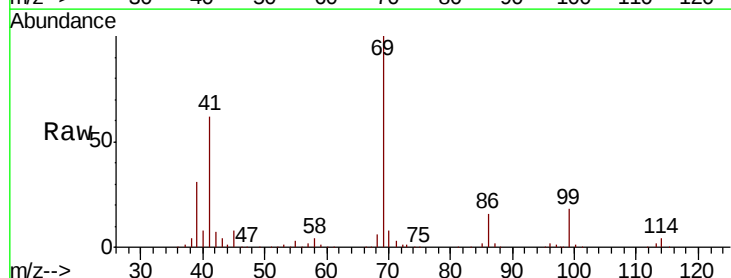
Tgt Ion: 69 Resp: 225615

Ion Ratio Lower Upper

69 100

41 62.2 49.0 73.6

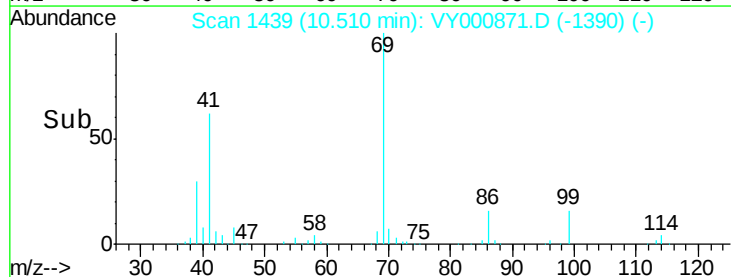
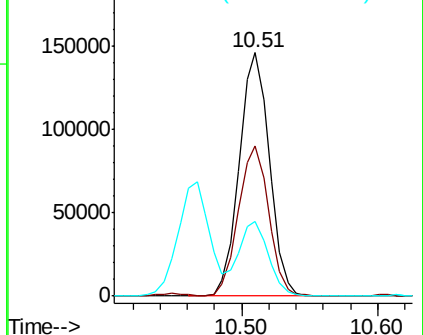
39 31.1 23.1 34.7

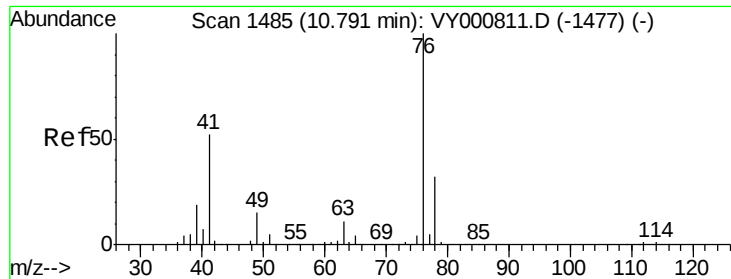


Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0





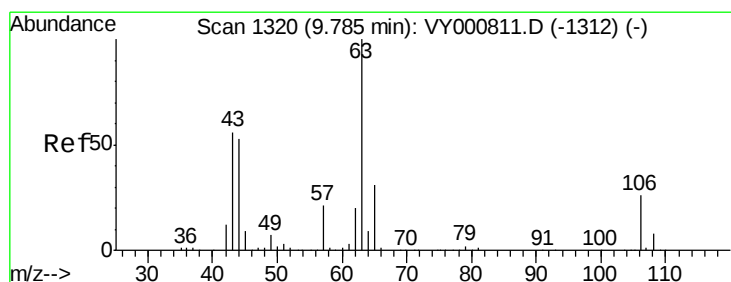
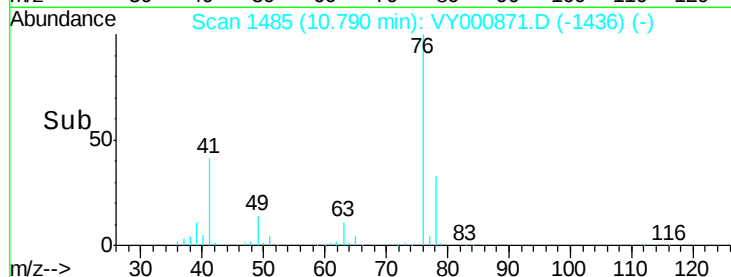
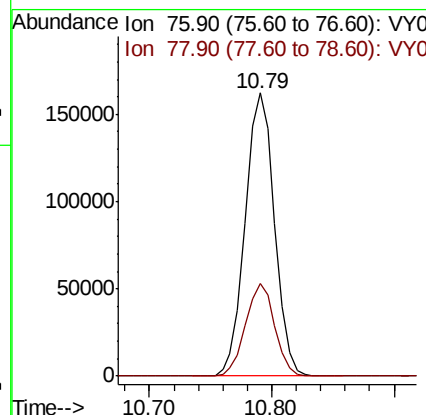
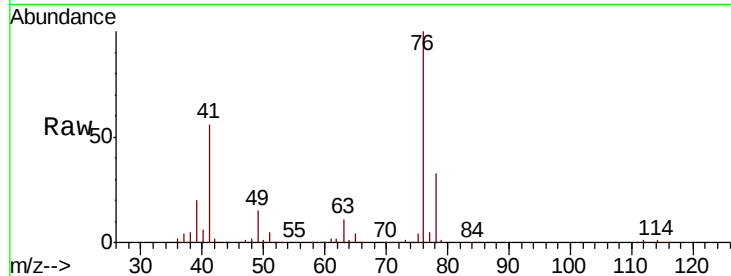
#57  
 1,3-Dichloropropane  
 Concen: 54.044 ug/l  
 RT: 10.79 min Scan# 1485  
 Delta R.T. -0.00 min  
 Lab File: VY000871.D  
 Acq: 05 Dec 2019 10:25

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.5  | 26.4  | 39.6  |

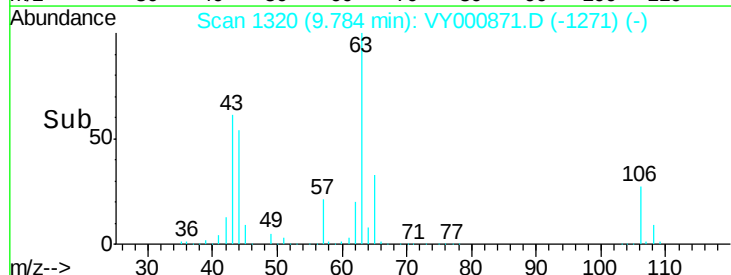
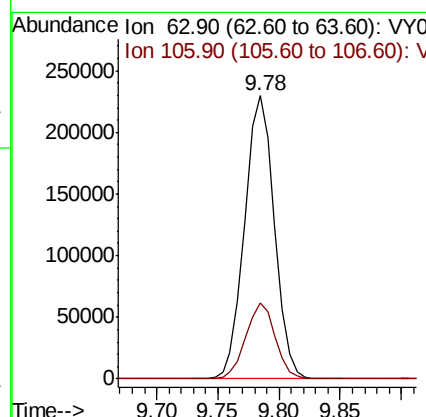
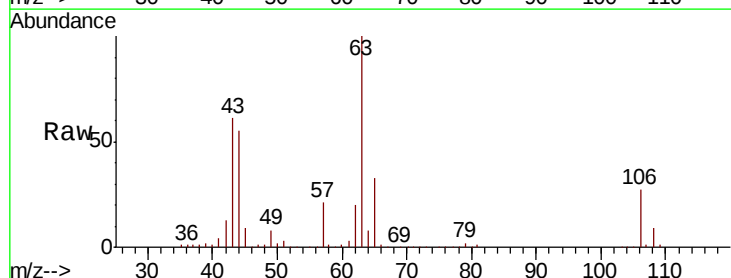
Manual Integrations  
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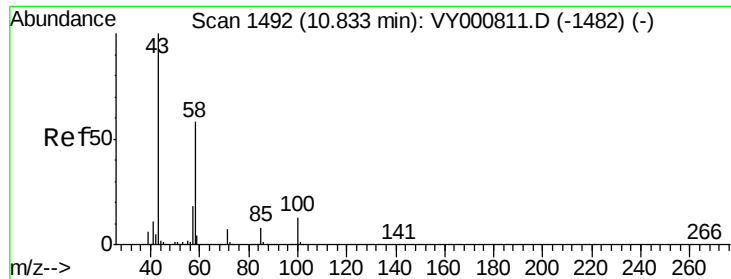
apatel  
 12/6/2019 10:01:16 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 234.760 ug/l  
 RT: 9.78 min Scan# 1320  
 Delta R.T. -0.00 min  
 Lab File: VY000871.D  
 Acq: 05 Dec 2019 10:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 26.5  | 21.5  | 32.3  |





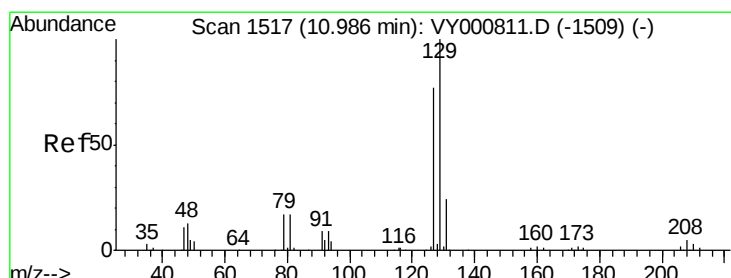
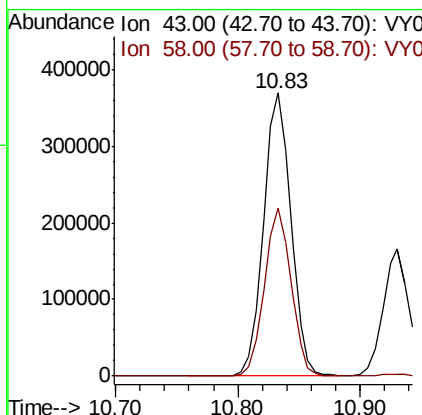
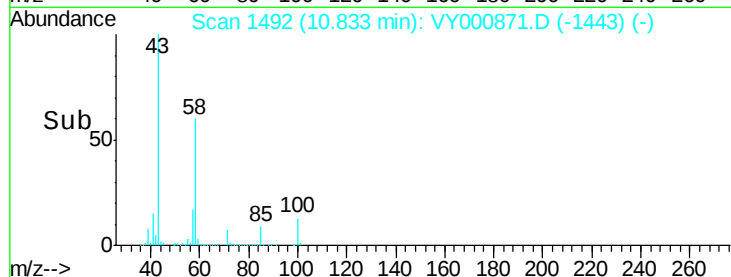
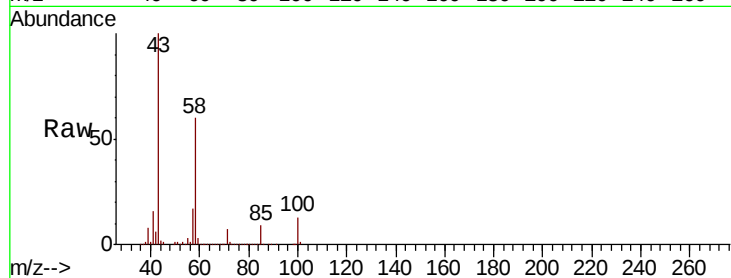
#59  
2-Hexanone  
Concen: 277.686 ug/l  
RT: 10.83 min Scan# 1492  
Delta R.T. -0.00 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 575755  
Ion Ratio Lower Upper  
43 100  
58 57.9 29.0 87.1

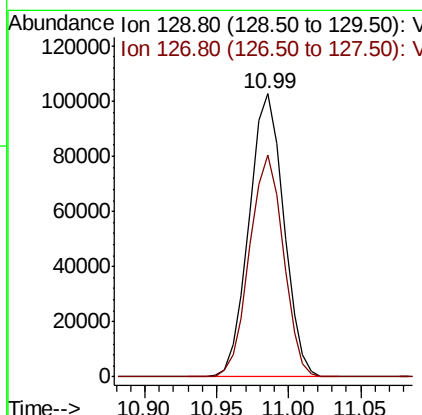
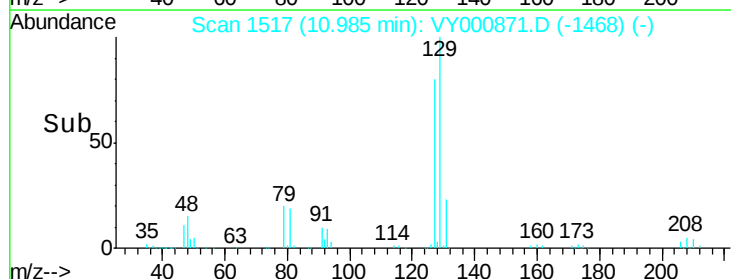
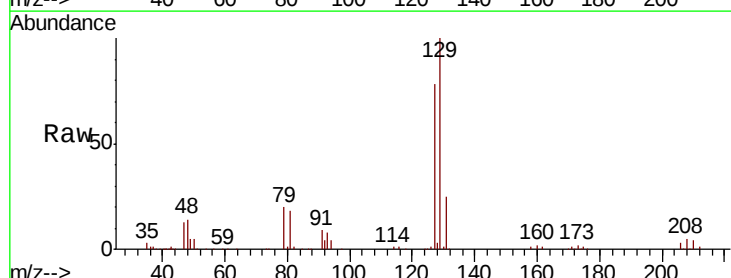
Manual Integrations  
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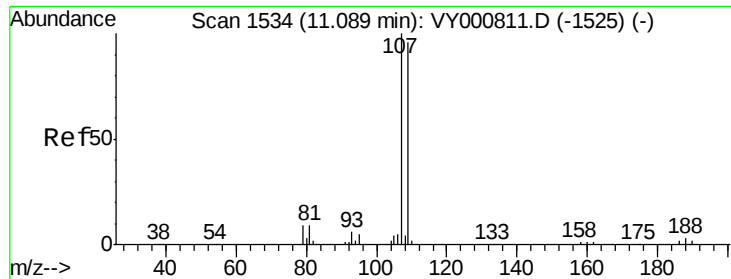
apatel  
12/6/2019 10:01:16 AM



#60  
Dibromochloromethane  
Concen: 55.461 ug/l  
RT: 10.99 min Scan# 1517  
Delta R.T. -0.00 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

Tgt Ion: 129 Resp: 170667  
Ion Ratio Lower Upper  
129 100  
127 76.5 39.1 117.2





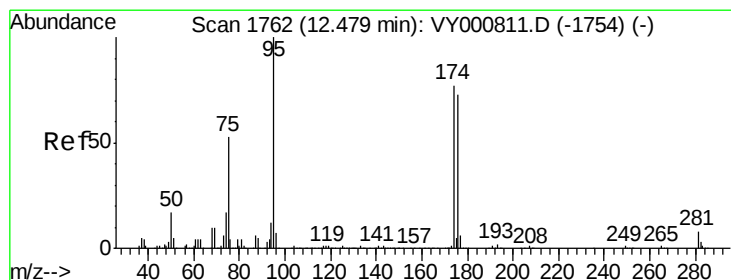
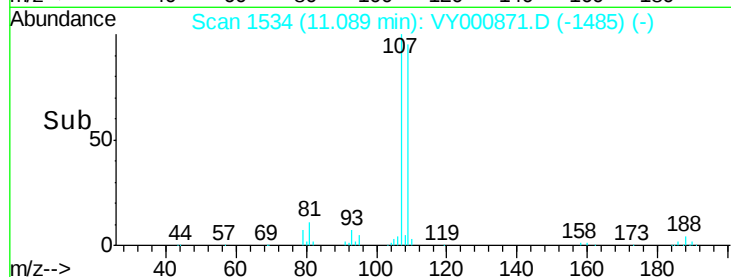
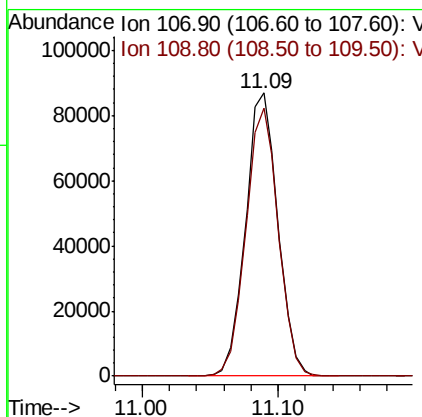
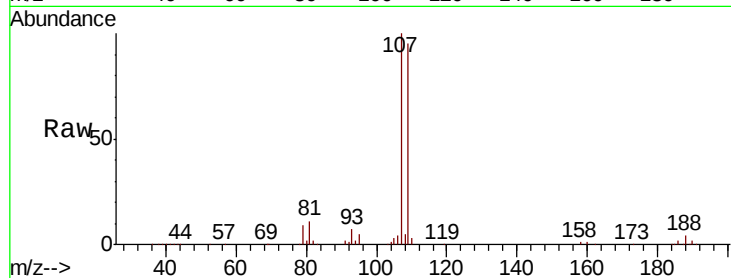
#61  
 1,2-Dibromoethane  
 Concen: 53.679 ug/l  
 RT: 11.09 min Scan# 1534  
 Delta R.T. -0.00 min  
 Lab File: VY000871.D  
 Acq: 05 Dec 2019 10:25

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 95.0  | 75.9  | 113.9 |

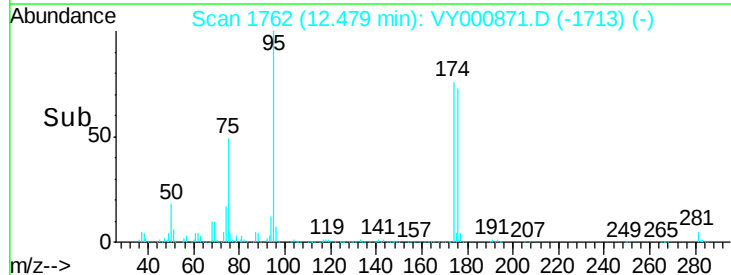
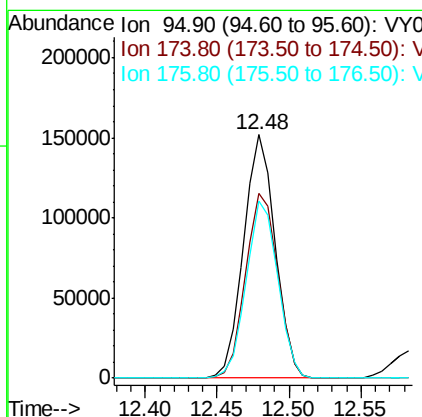
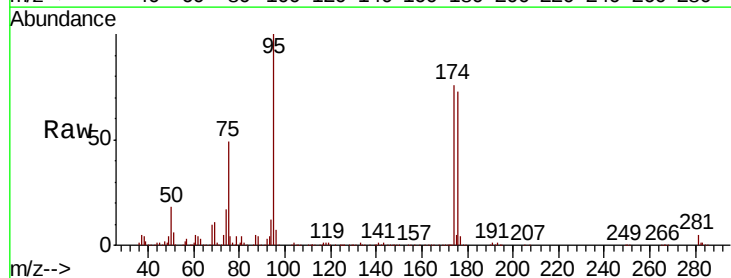
Manual Integrations  
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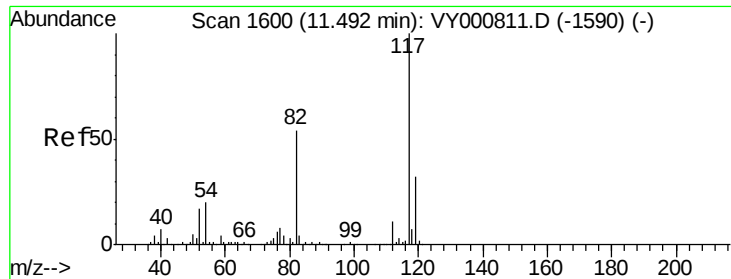
apatel  
 12/6/2019 10:01:16 AM



#62  
 4-Bromofluorobenzene  
 Concen: 51.686 ug/l  
 RT: 12.48 min Scan# 1762  
 Delta R.T. -0.00 min  
 Lab File: VY000871.D  
 Acq: 05 Dec 2019 10:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 77.4  | 0.0   | 150.6 |
| 176     | 72.8  | 0.0   | 145.2 |





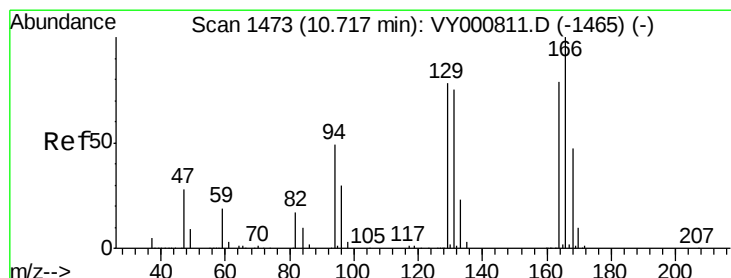
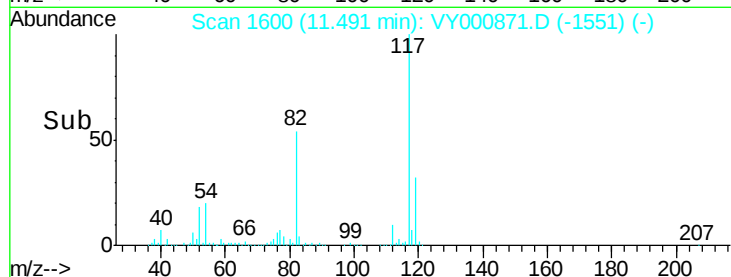
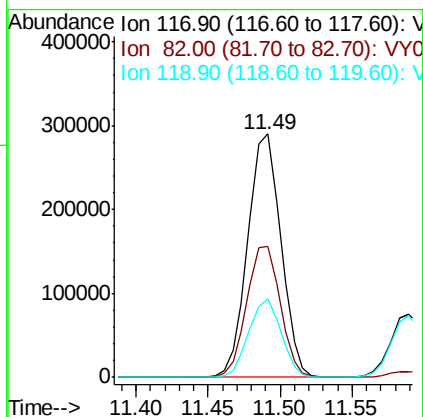
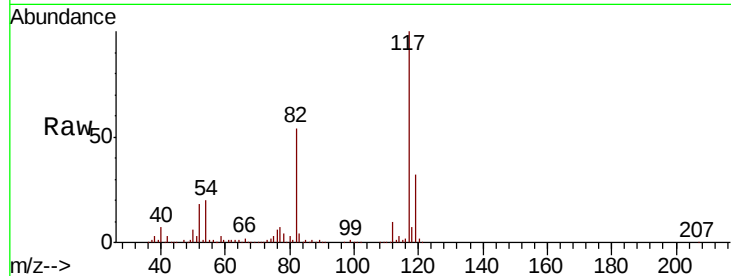
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.49 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 463159 |       |       |
| 82      | 53.9  |        | 43.1  | 64.7  |
| 119     | 32.0  |        | 25.3  | 37.9  |

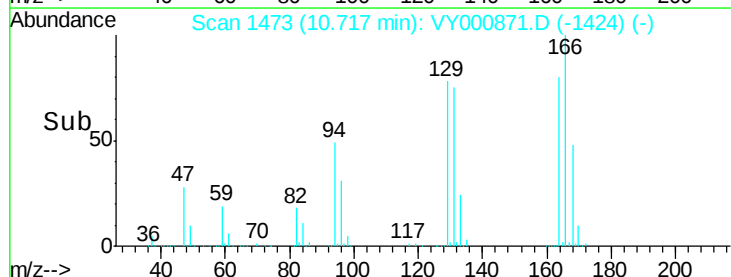
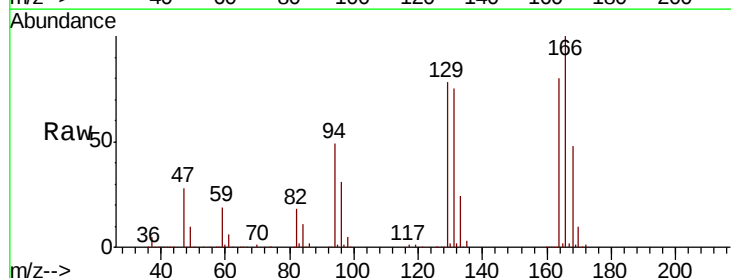
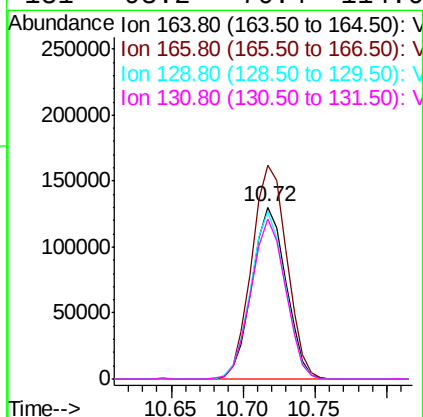
Manual Integrations  
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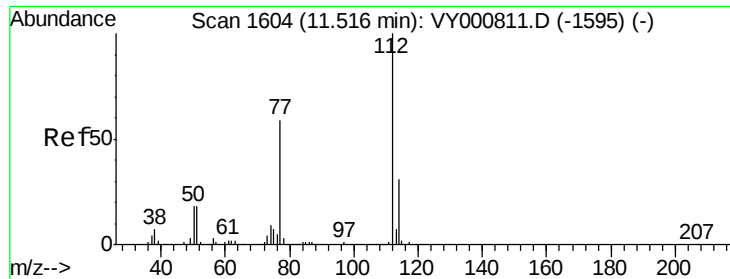
apatel  
12/6/2019 10:01:16 AM



#64  
Tetrachloroethene  
Concen: 53.046 ug/l  
RT: 10.72 min Scan# 1473  
Delta R.T. -0.00 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 213459 |       |       |
| 166     | 124.5 |        | 101.8 | 152.8 |
| 129     | 97.6  |        | 79.3  | 118.9 |
| 131     | 93.2  |        | 76.4  | 114.6 |





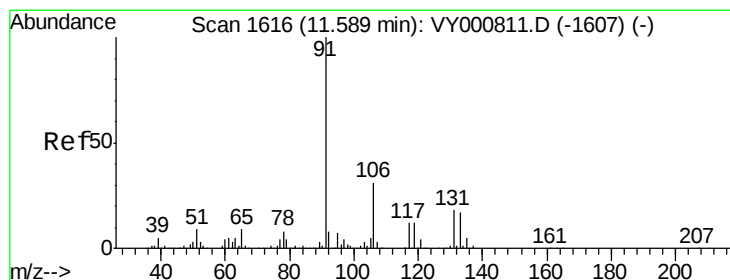
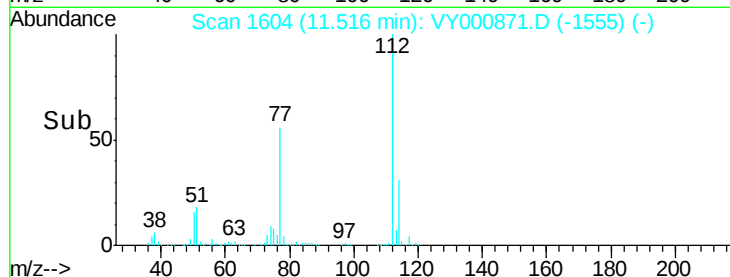
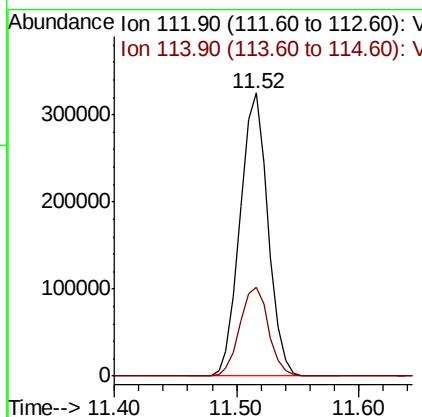
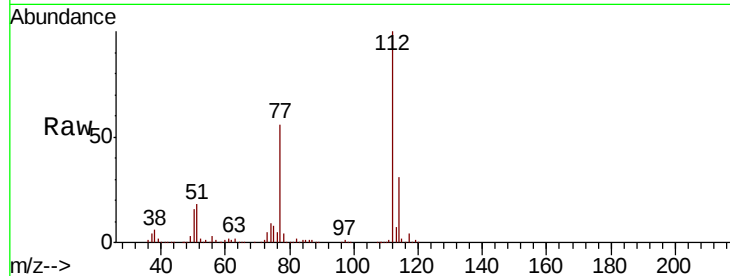
#65  
Chlorobenzene  
Concen: 53.245 ug/l  
RT: 11.52 min Scan# 1604  
Delta R.T. -0.00 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 512611 |       |       |
| 114     | 31.2  | 25.1   | 37.7  |       |

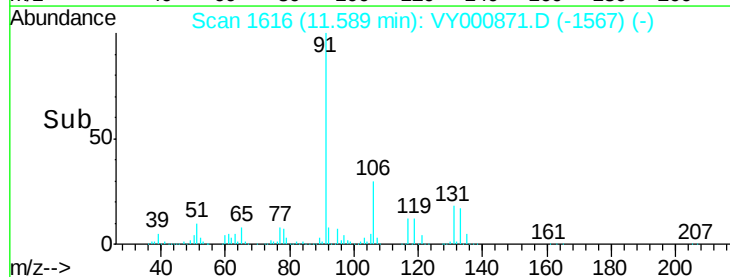
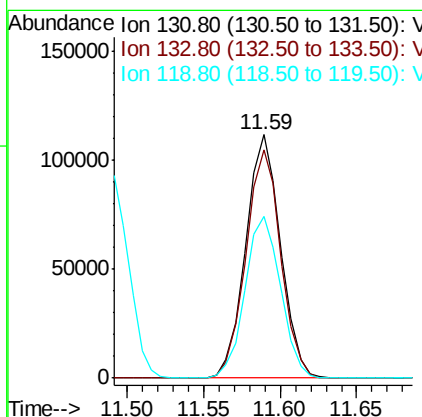
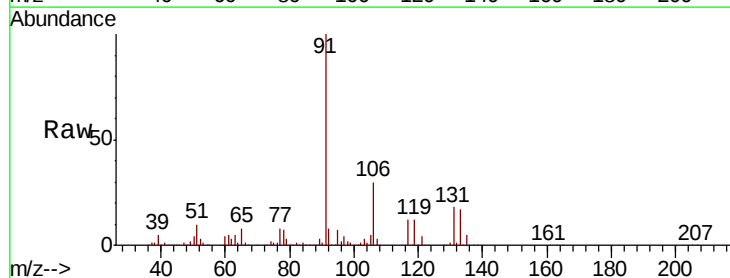
Manual Integrations  
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12/6/2019 10:01:16 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 54.317 ug/l  
RT: 11.59 min Scan# 1616  
Delta R.T. -0.00 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 131     | 100   | 176231 |       |       |
| 133     | 94.1  | 47.4   | 142.2 |       |
| 119     | 68.1  | 33.8   | 101.3 |       |





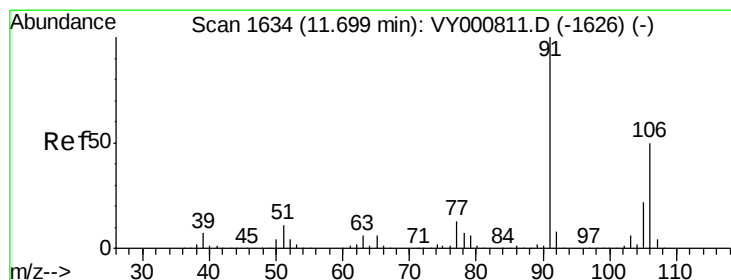
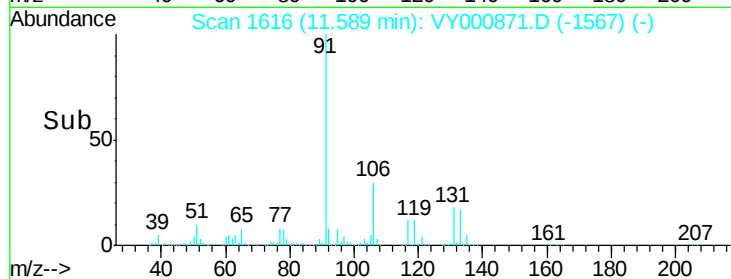
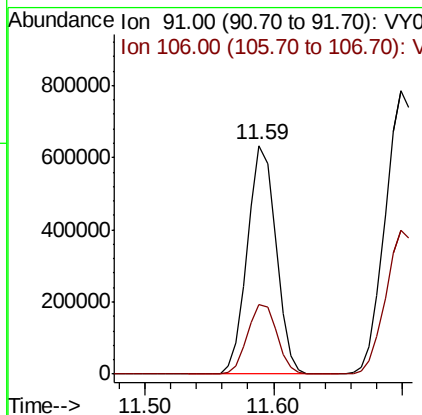
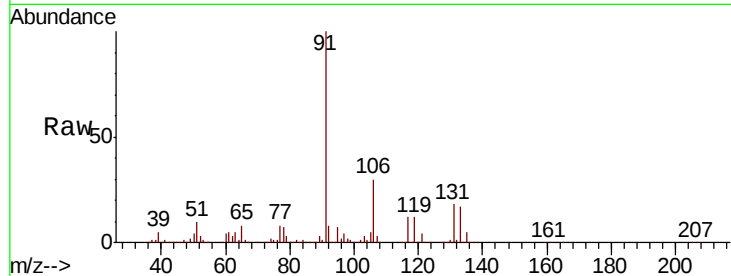
#67  
Ethyl Benzene  
Concen: 54.053 ug/l  
RT: 11.59 min Scan# 1616  
Delta R.T. -0.00 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 969164  
Ion Ratio Lower Upper  
91 100  
106 30.4 24.4 36.6

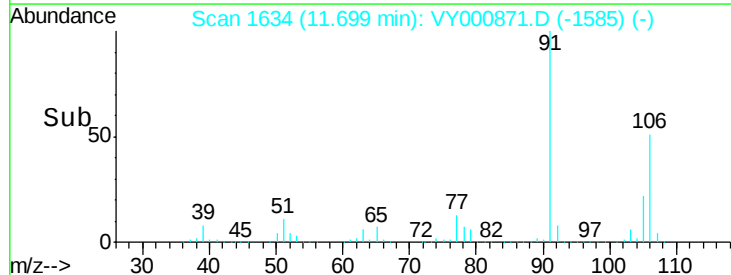
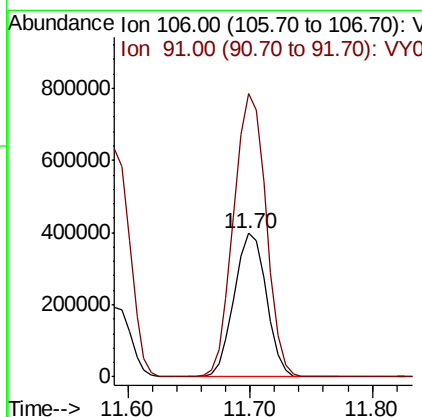
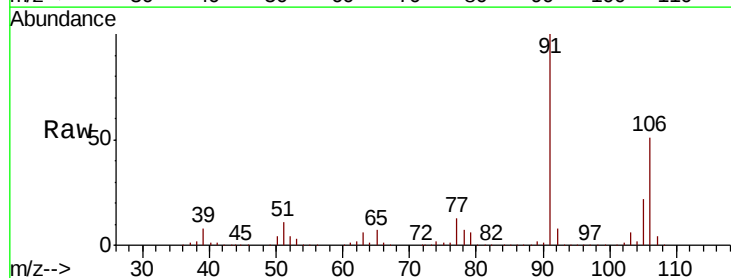
Manual Integrations  
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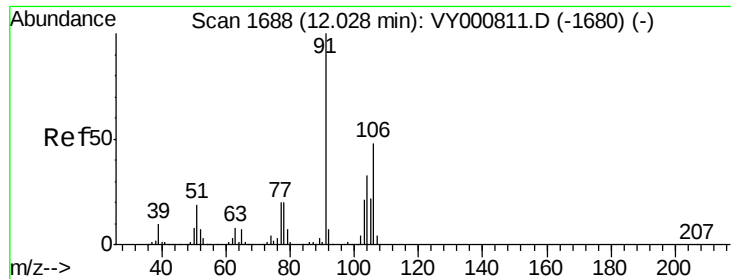
apatel  
12/6/2019 10:01:16 AM



#68  
m/p-Xylenes  
Concen: 107.898 ug/l  
RT: 11.70 min Scan# 1634  
Delta R.T. -0.00 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

Tgt Ion: 106 Resp: 726148  
Ion Ratio Lower Upper  
106 100  
91 198.6 159.6 239.4





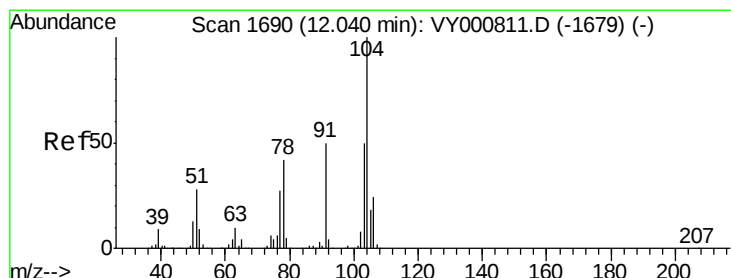
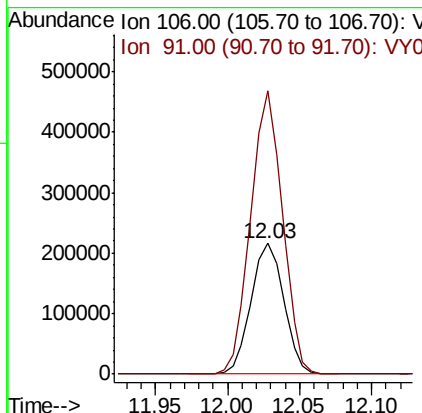
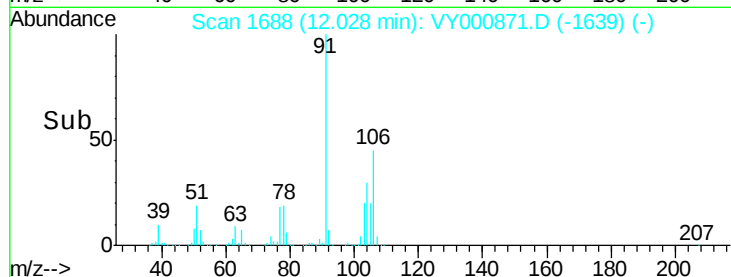
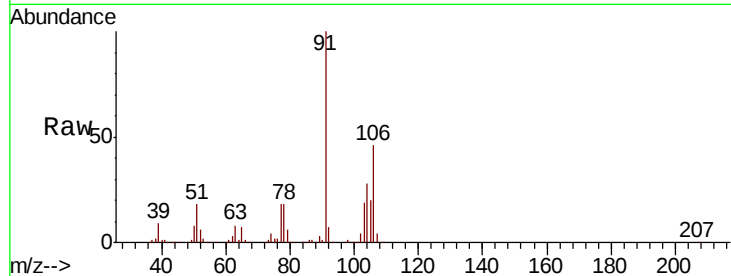
#69  
o-Xylene  
Concen: 54.129 ug/l  
RT: 12.03 min Scan# 1688  
Delta R.T. -0.00 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 210.5 | 106.1 | 318.1 |

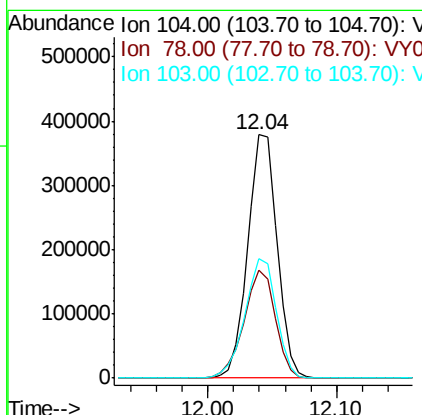
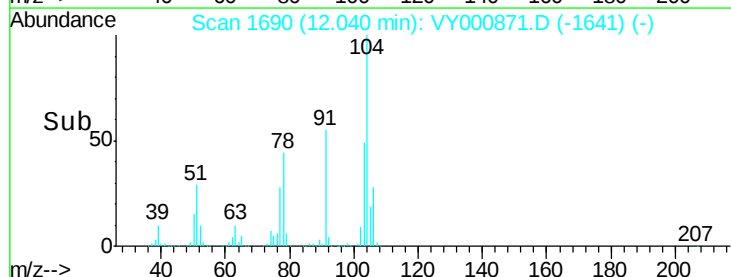
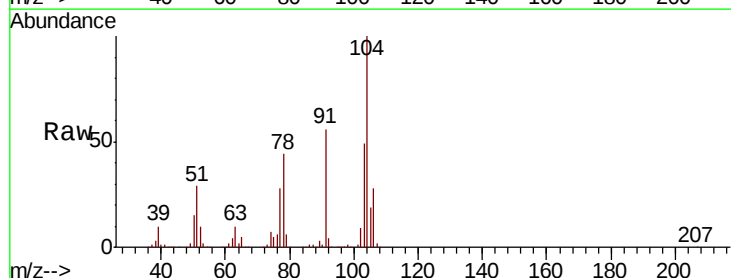
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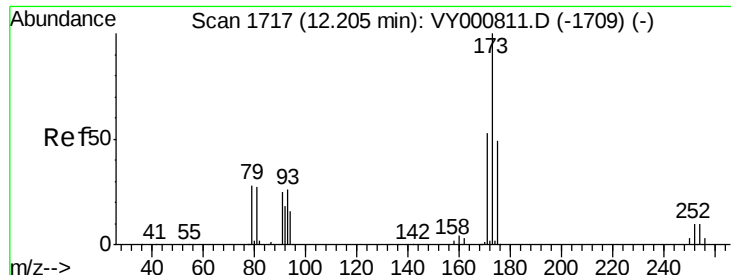
apatel  
12/6/2019 10:01:16 AM



#70  
Styrene  
Concen: 55.239 ug/l  
RT: 12.04 min Scan# 1690  
Delta R.T. -0.00 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 47.5  | 38.2  | 57.4  |
| 103     | 52.7  | 43.4  | 65.0  |





#71

Bromoform

Concen: 54.237 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 99248

Ion Ratio Lower Upper

173 100

175 48.4 24.5 73.5

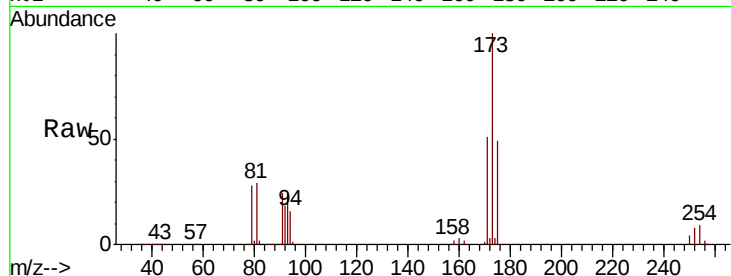
254 0.1 0.0 0.0#

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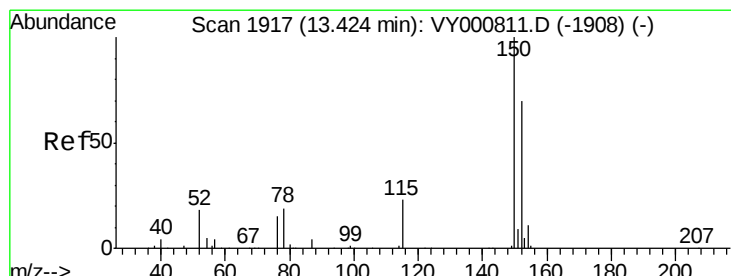
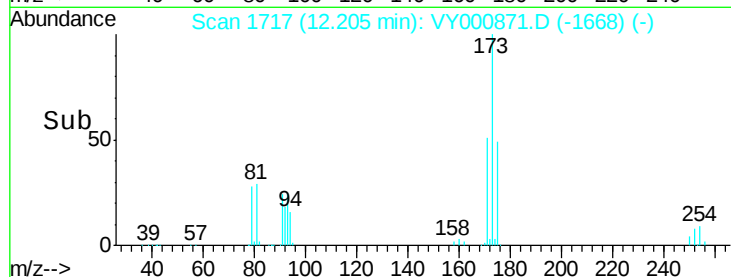
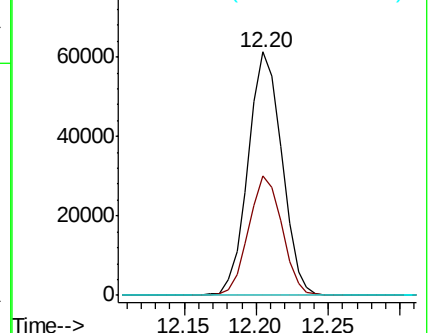
12/6/2019 10:01:16 AM



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: VY000871.D

Acq: 05 Dec 2019 10:25

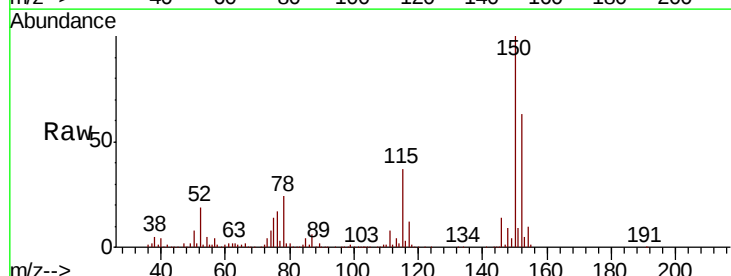
Tgt Ion:152 Resp: 217549

Ion Ratio Lower Upper

152 100

115 59.7 29.3 87.8

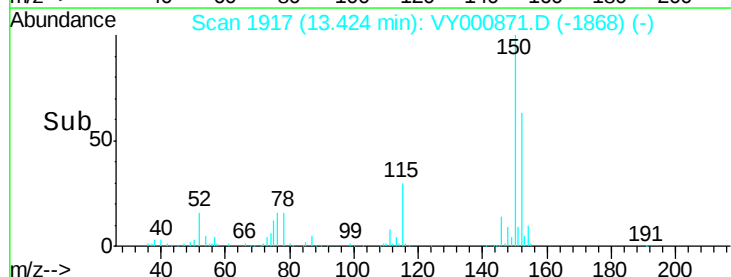
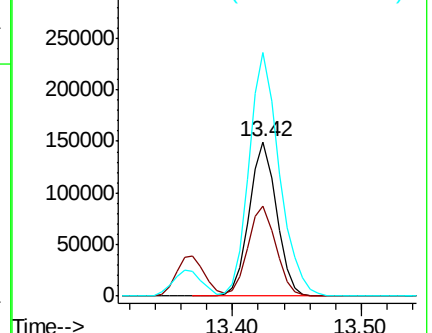
150 175.6 0.0 351.2

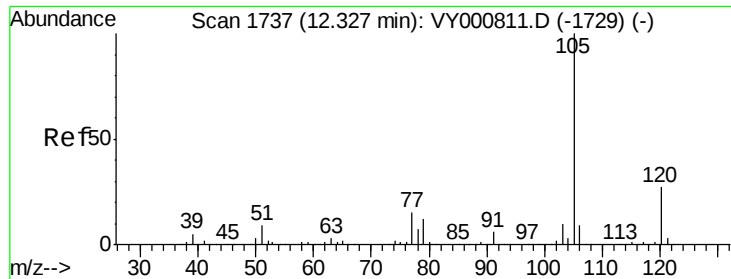


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.357 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 924242

Ion Ratio Lower Upper

105 100

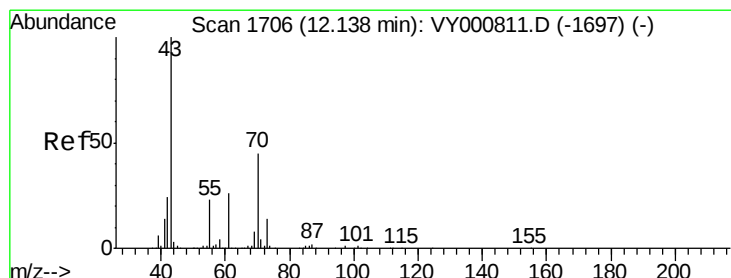
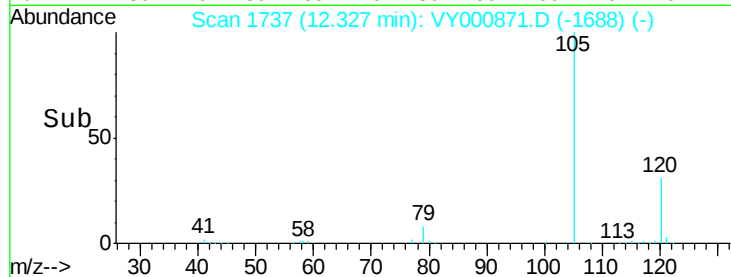
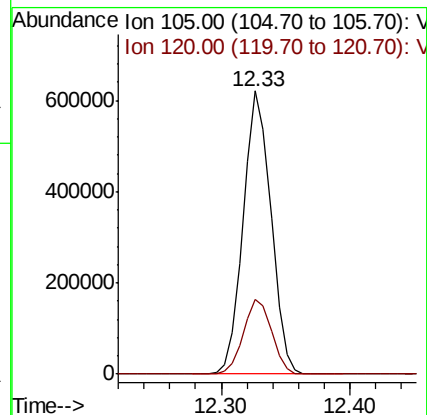
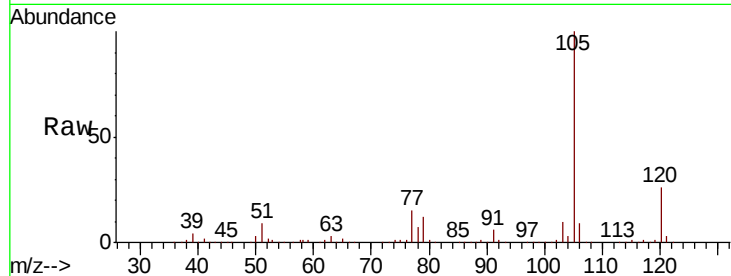
120 27.0 13.4 40.2

Manual Integrations

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#74

N-ethyl acetate

Concen: 51.886 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. 0.01 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Tgt Ion: 43 Resp: 250155

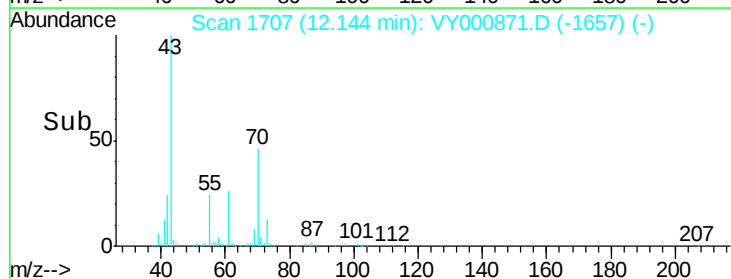
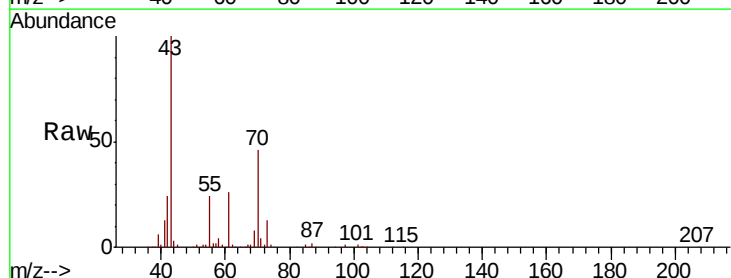
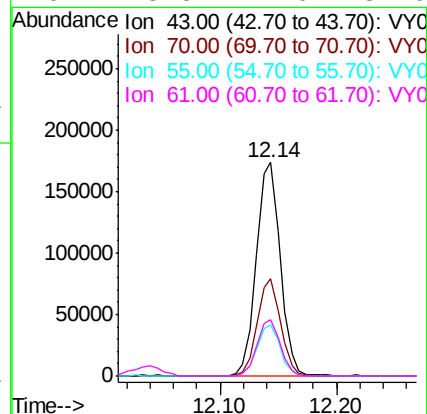
Ion Ratio Lower Upper

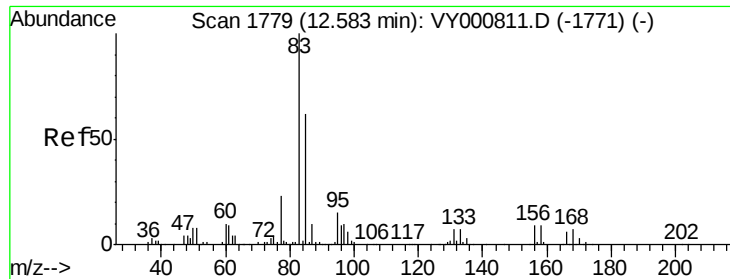
43 100

70 44.4 36.6 54.8

55 23.6 18.8 28.2

61 25.8 21.0 31.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.345 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA\_Y

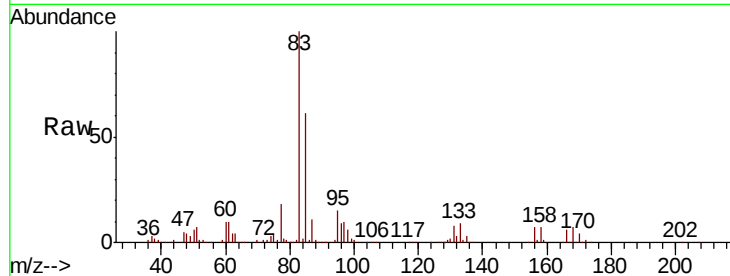
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 175240 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 9.3   | 4.3   | 13.1   |
| 85        | 62.4  | 32.4  | 97.0   |

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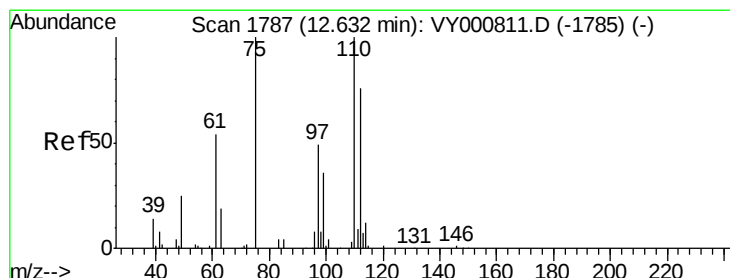
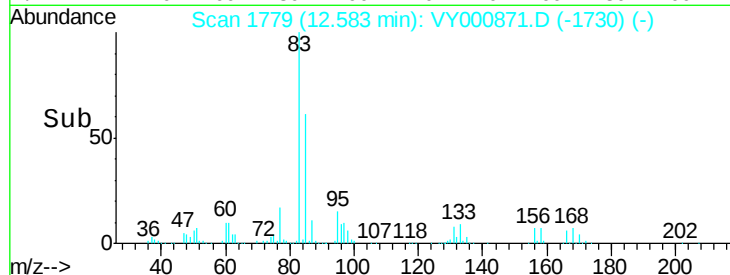
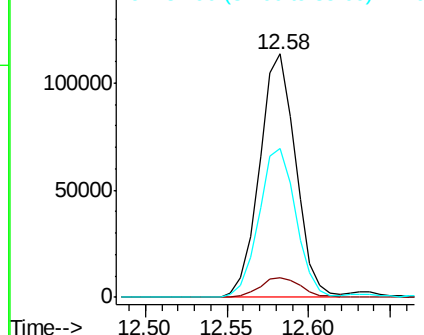
apatel  
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Abundance Ion 82.90 (82.60 to 83.60): VY000871.D (-1730) (-)

Ion 130.80 (130.50 to 131.50): VY000871.D (-1730) (-)

Ion 84.90 (84.60 to 85.60): VY000871.D (-1730) (-)



#76

1,2,3-Trichloropropane

Concen: 50.916 ug/l m

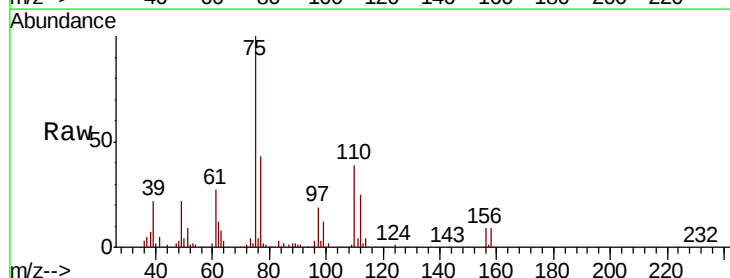
RT: 12.63 min Scan# 1787

Delta R.T. -0.00 min

Lab File: VY000871.D

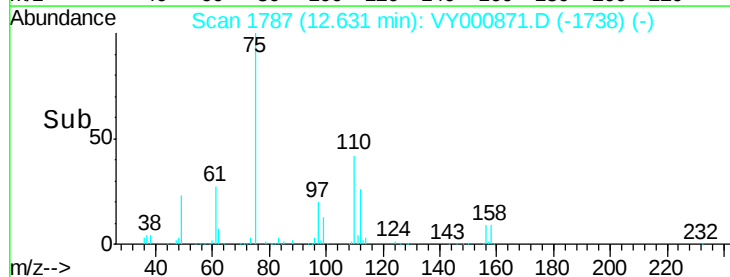
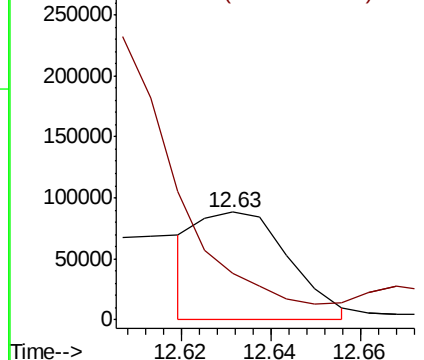
Acq: 05 Dec 2019 10:25

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 125499 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 0.0   | 0.0   | 0.0    |



Abundance Ion 74.90 (74.60 to 75.60): VY000871.D (-1738) (-)

Ion 77.00 (76.70 to 77.70): VY000871.D (-1738) (-)





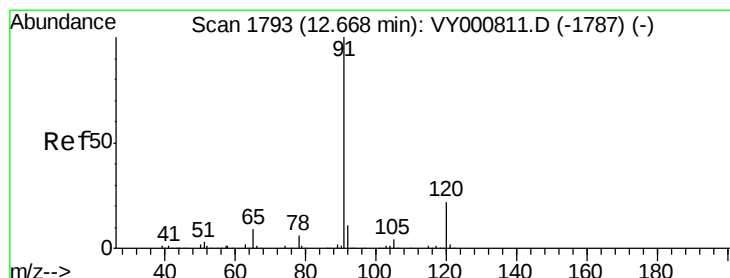
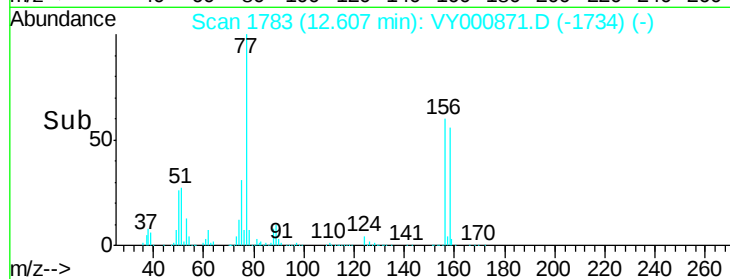
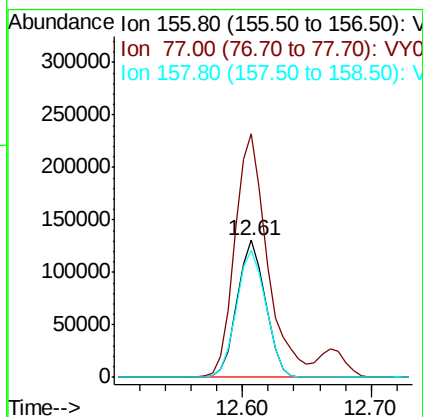
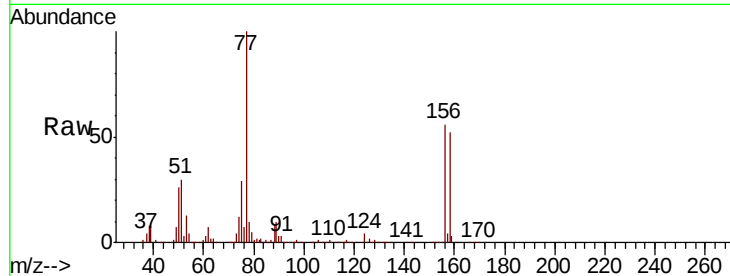
#77  
Bromobenzene  
Concen: 53.102 ug/l  
RT: 12.61 min Scan# 1783  
Delta R.T. -0.00 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 156     | 100   |       |       |       |
| 77      | 204.0 | 102.6 | 307.7 |       |
| 158     | 96.4  | 47.6  | 142.8 |       |

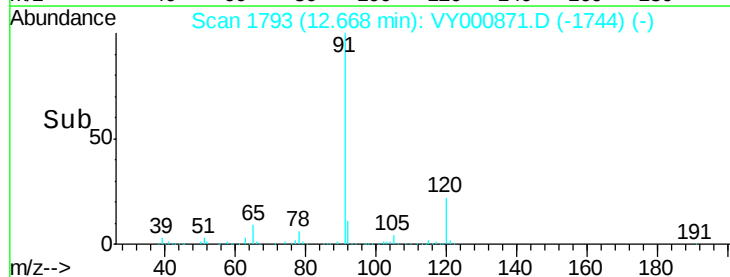
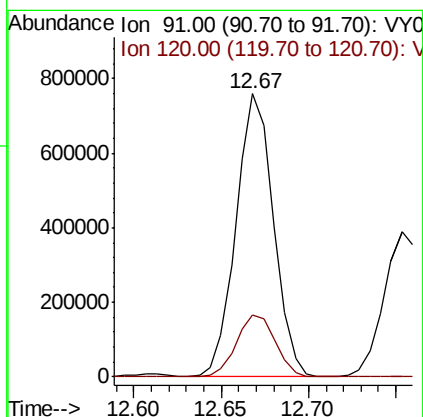
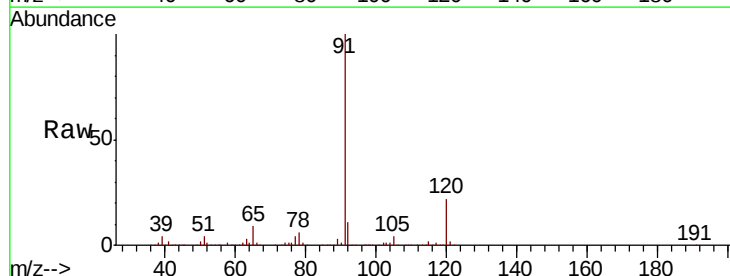
Manual Integrations  
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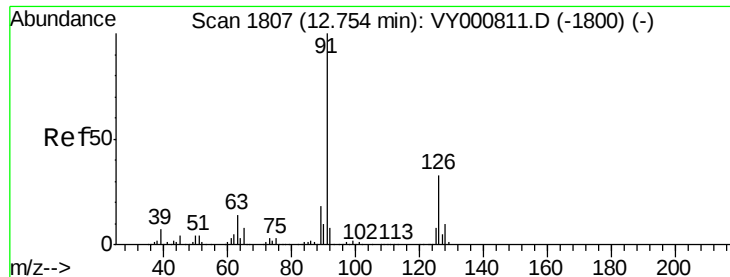
apatel  
12/6/2019 10:01:16 AM



#78  
n-propylbenzene  
Concen: 53.180 ug/l  
RT: 12.67 min Scan# 1793  
Delta R.T. -0.00 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 91      | 100  |       |       |       |
| 120     | 22.7 | 11.2  | 33.5  |       |





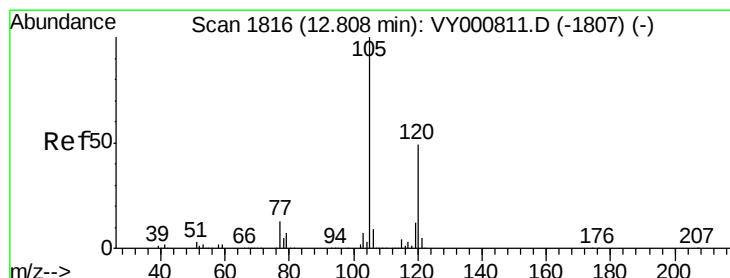
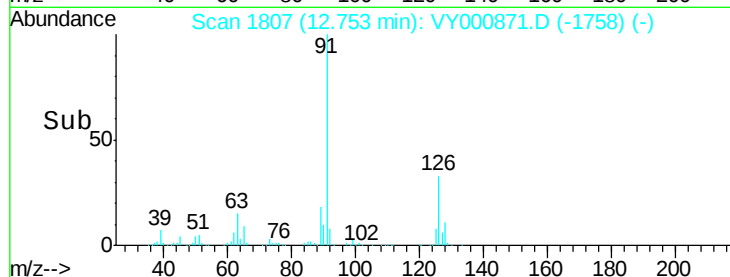
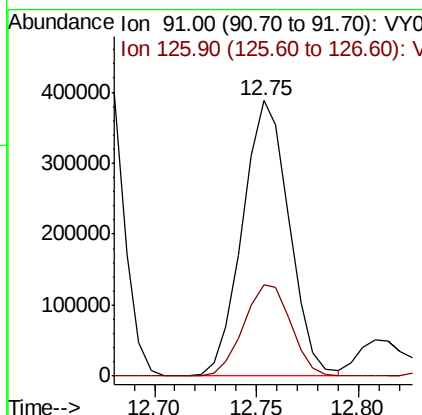
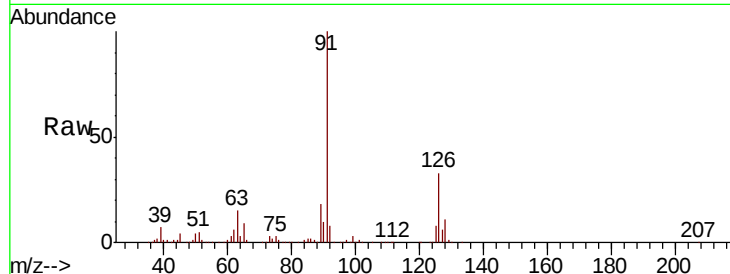
#79  
 2-Chlorotoluene  
 Concen: 52.932 ug/l  
 RT: 12.75 min Scan# 1807  
 Delta R.T. -0.00 min  
 Lab File: VY000871.D  
 Acq: 05 Dec 2019 10:25

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 91 Resp: 618482  
 Ion Ratio Lower Upper  
 91 100  
 126 33.7 17.0 51.0

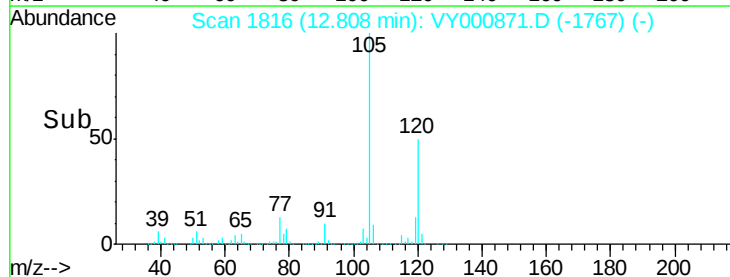
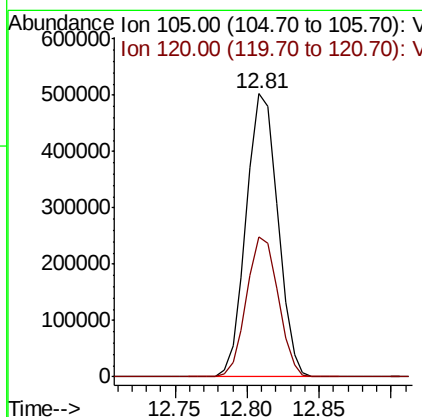
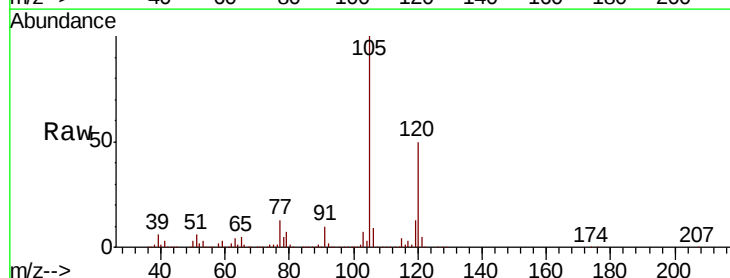
Manual Integrations  
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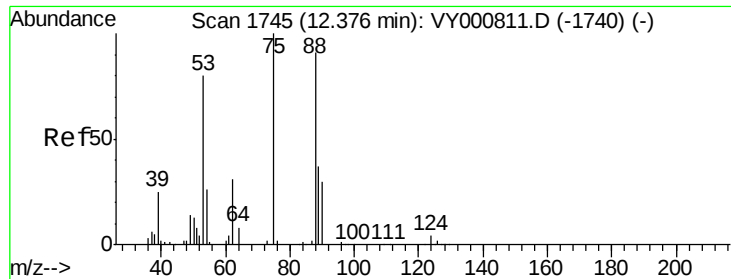
apatel  
 12/6/2019 10:01:16 AM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 53.200 ug/l  
 RT: 12.81 min Scan# 1816  
 Delta R.T. -0.00 min  
 Lab File: VY000871.D  
 Acq: 05 Dec 2019 10:25

Tgt Ion: 105 Resp: 762993  
 Ion Ratio Lower Upper  
 105 100  
 120 49.6 24.6 74.0





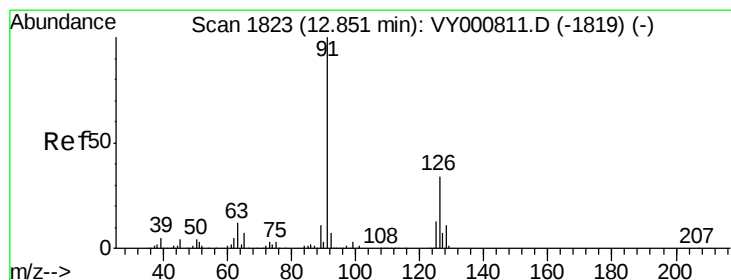
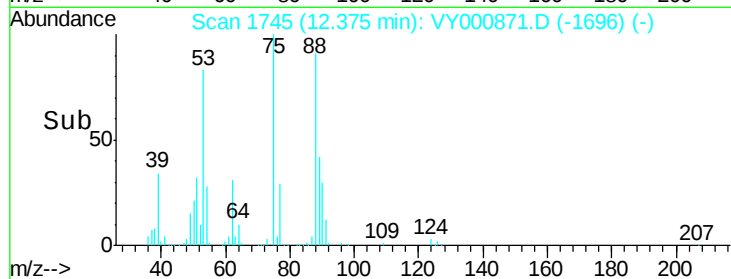
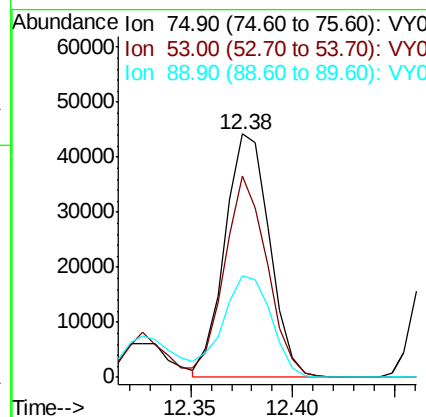
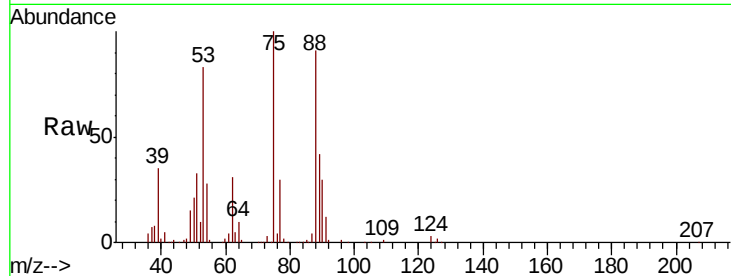
#81  
trans-1,4-Dichloro-2-butene  
Concen: 53.410 ug/l  
RT: 12.38 min Scan# 1745  
Delta R.T. -0.00 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 80.3  | 64.6  | 96.8  |
| 89      | 45.4  | 33.6  | 50.4  |

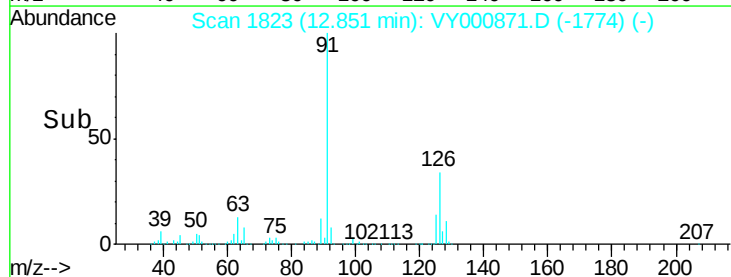
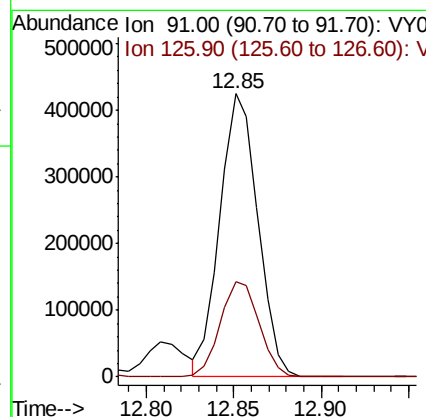
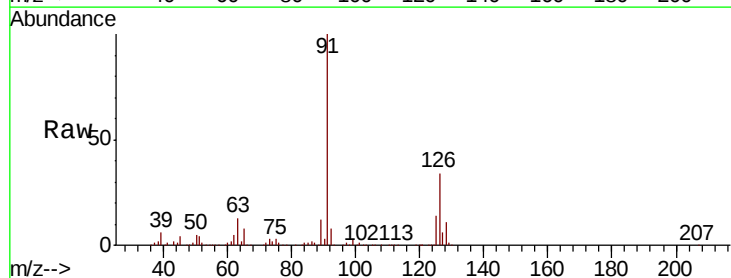
Manual Integrations  
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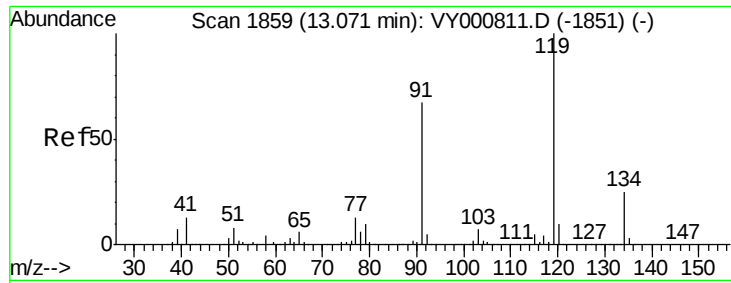
apatel  
12/6/2019 10:01:16 AM



#82  
4-Chlorotoluene  
Concen: 53.175 ug/l  
RT: 12.85 min Scan# 1823  
Delta R.T. -0.00 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 34.6  | 17.3  | 51.9  |





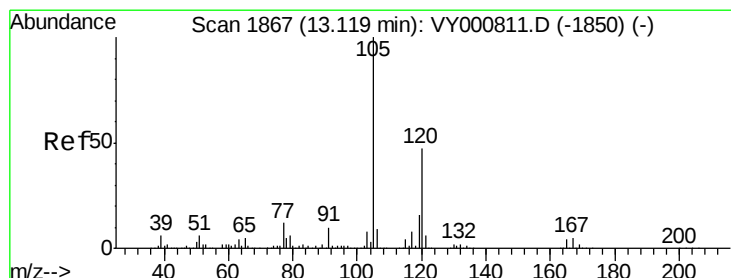
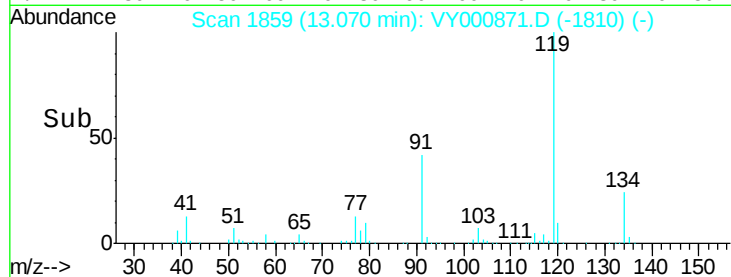
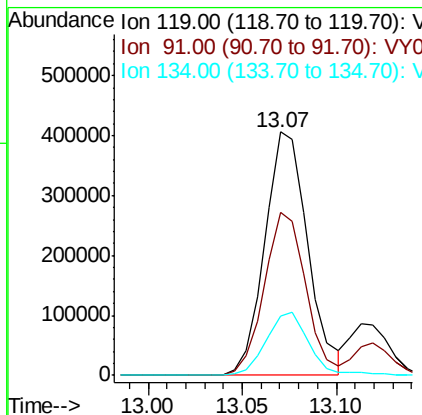
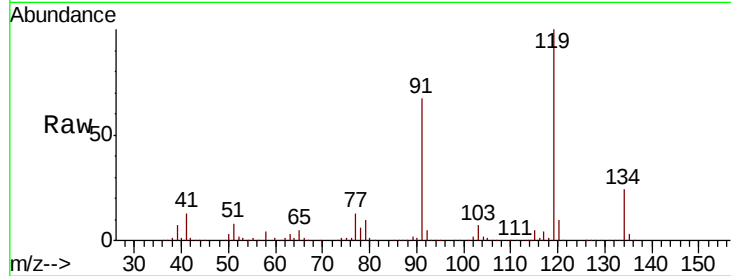
#83  
 tert-Butylbenzene  
 Concen: 53.264 ug/l  
 RT: 13.07 min Scan# 1859  
 Delta R.T. -0.00 min  
 Lab File: VY000871.D  
 Acq: 05 Dec 2019 10:25

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 64.7  | 32.3  | 96.8  |
| 134     | 25.9  | 12.9  | 38.7  |

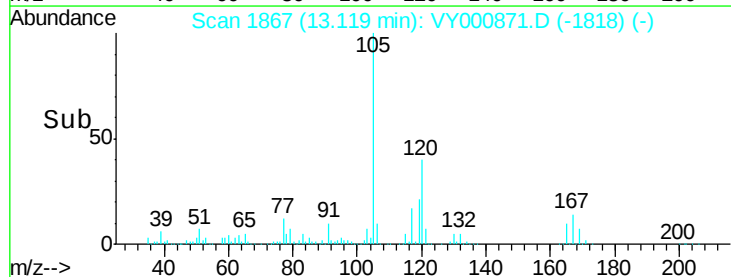
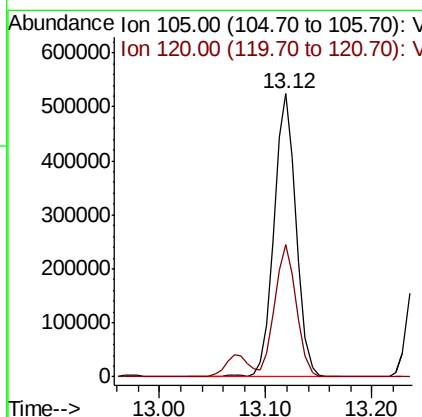
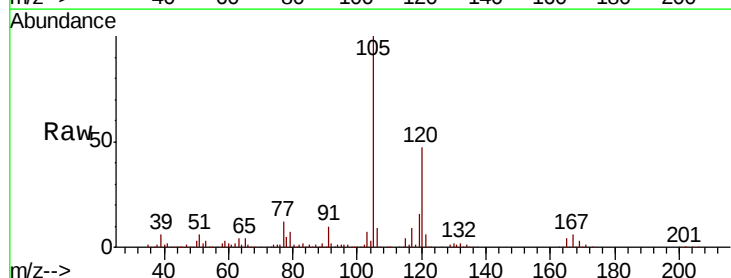
Manual Integrations  
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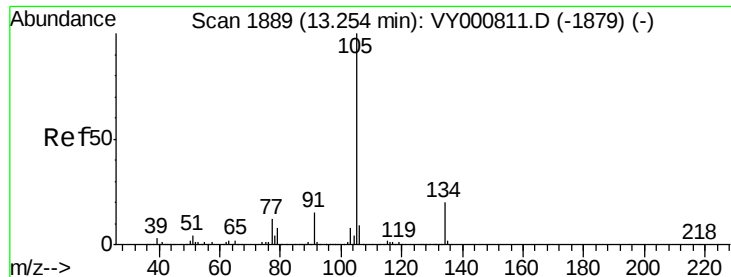
apatel  
 12/6/2019 10:01:16 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 52.778 ug/l  
 RT: 13.12 min Scan# 1867  
 Delta R.T. -0.00 min  
 Lab File: VY000871.D  
 Acq: 05 Dec 2019 10:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.5  | 22.6  | 67.8  |





#85

sec-Butylbenzene

Concen: 53.389 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 936254

Ion Ratio Lower Upper

105 100

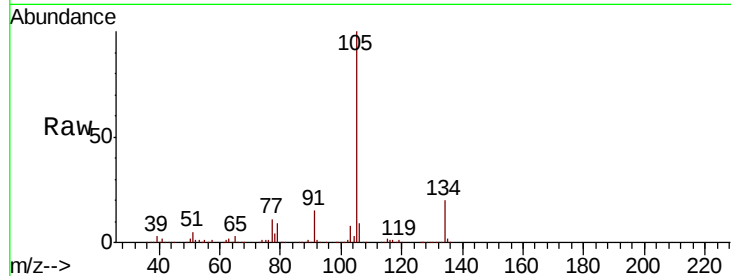
134 19.7 10.1 30.1

Manual Integrations

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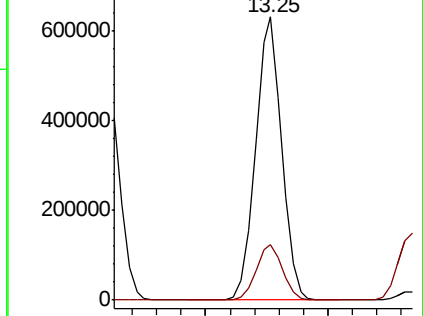
apatel

12/6/2019 10:01:16 AM

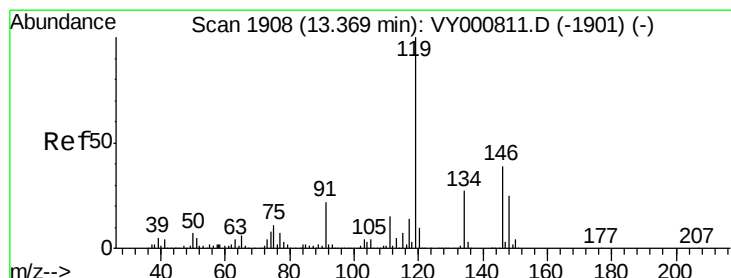
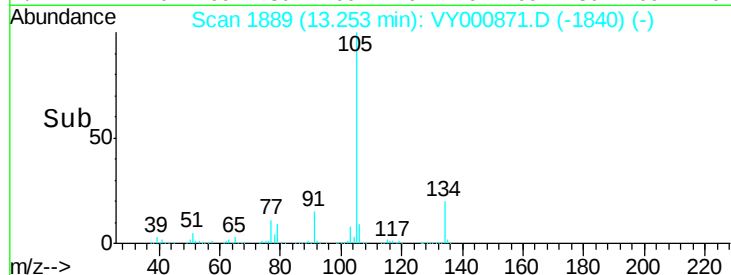


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



Time-->



#86

p-Isopropyltoluene

Concen: 53.545 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.00 min

Lab File: VY000871.D

Acq: 05 Dec 2019 10:25

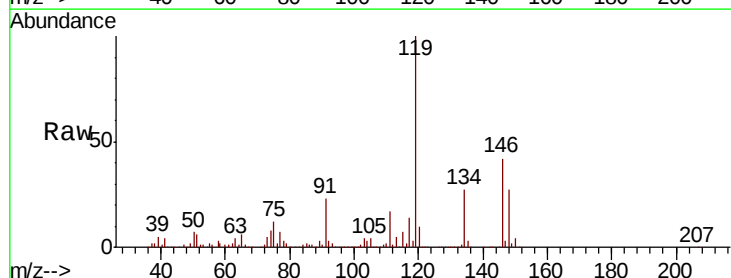
Tgt Ion:119 Resp: 816716

Ion Ratio Lower Upper

119 100

134 26.5 13.5 40.4

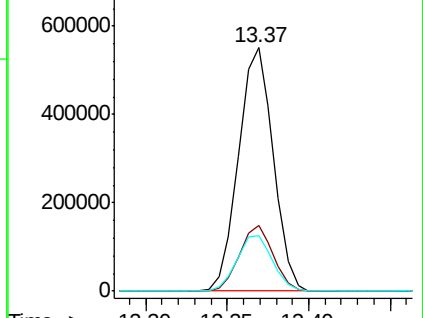
91 23.2 11.5 34.5



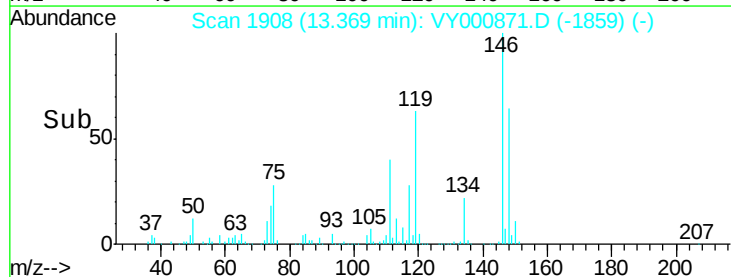
Abundance Ion 119.00 (118.70 to 119.70): V

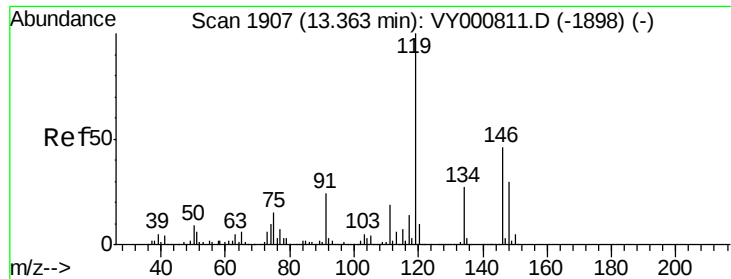
Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0



Time-->





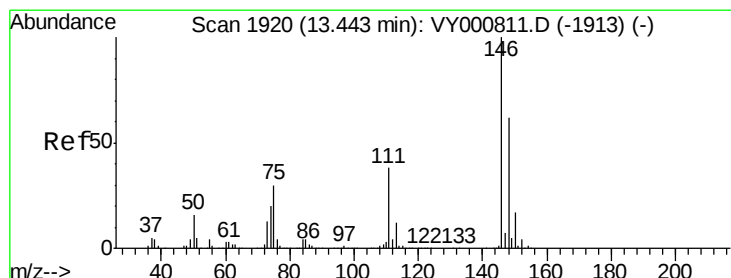
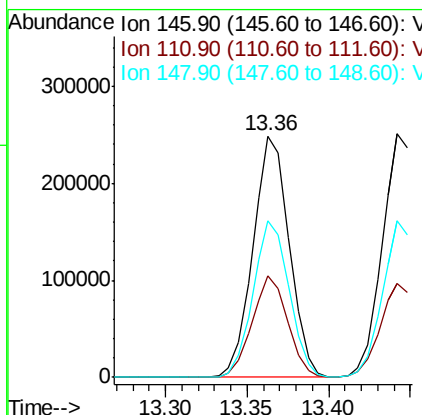
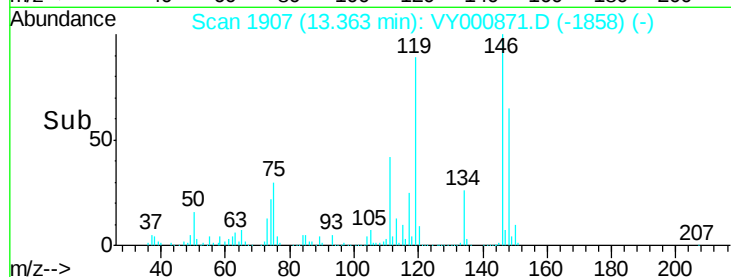
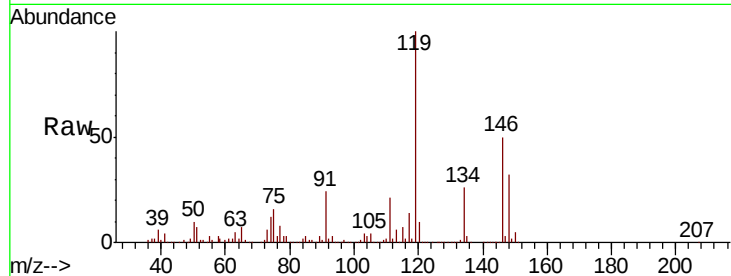
#87  
 1,3-Dichlorobenzene  
 Concen: 52.047 ug/l  
 RT: 13.36 min Scan# 1907  
 Delta R.T. -0.00 min  
 Lab File: VY000871.D  
 Acq: 05 Dec 2019 10:25

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   |      |       |       |
| 111     | 41.1  | 20.0 | 60.0  |       |
| 148     | 64.4  | 32.1 | 96.5  |       |

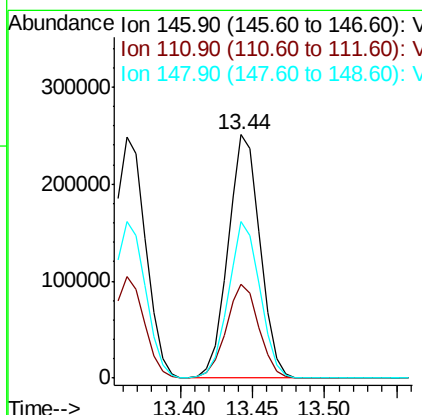
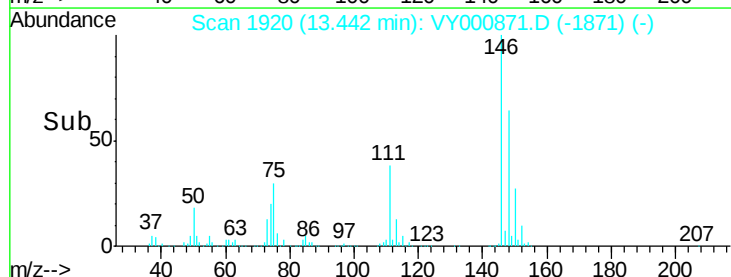
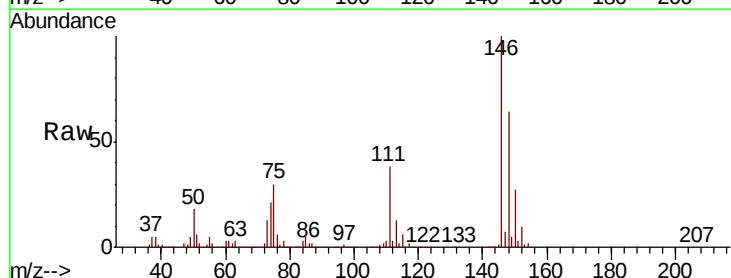
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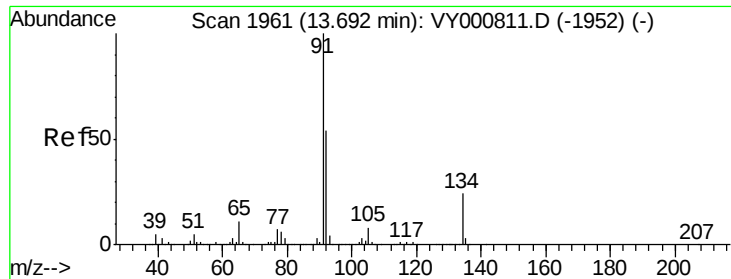
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#88  
 1,4-Dichlorobenzene  
 Concen: 53.467 ug/l  
 RT: 13.44 min Scan# 1920  
 Delta R.T. -0.00 min  
 Lab File: VY000871.D  
 Acq: 05 Dec 2019 10:25

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   |      |       |       |
| 111     | 39.3  | 20.0 | 59.9  |       |
| 148     | 63.3  | 31.7 | 95.1  |       |





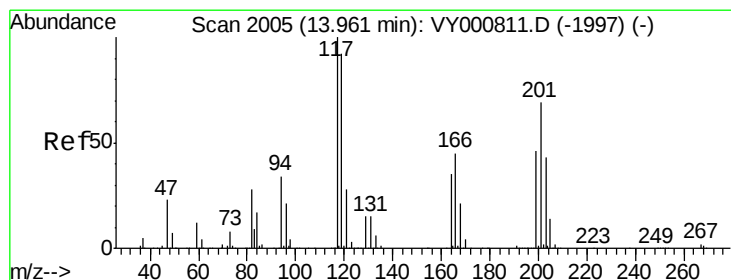
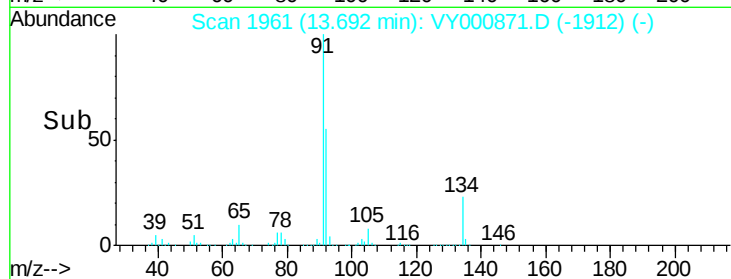
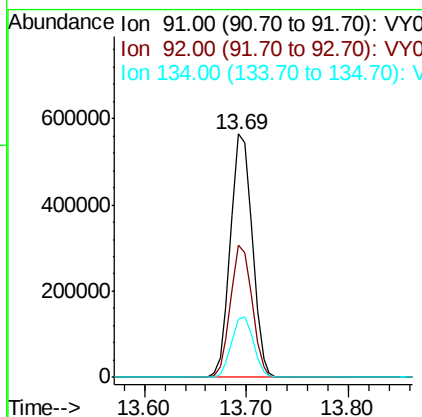
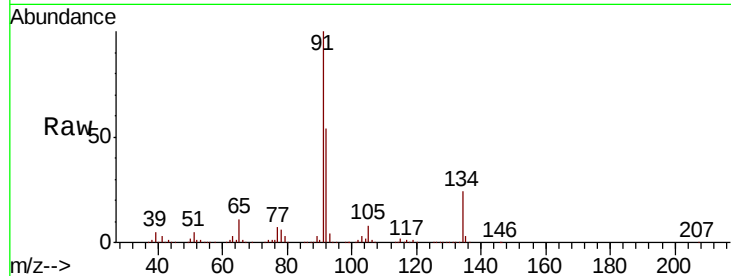
#89  
n-Butylbenzene  
Concen: 53.959 ug/l  
RT: 13.69 min Scan# 1961  
Delta R.T. -0.00 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 91      | 100   |      |       |       |
| 92      | 53.6  | 26.9 | 80.7  |       |
| 134     | 24.9  | 12.6 | 37.6  |       |

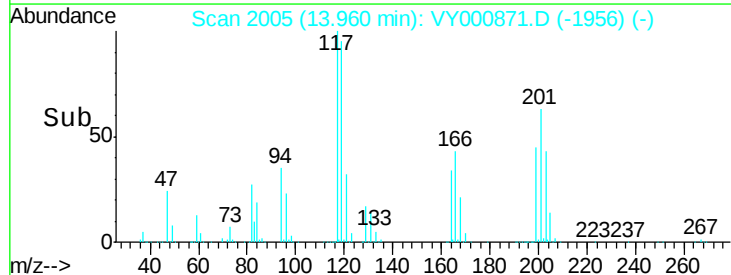
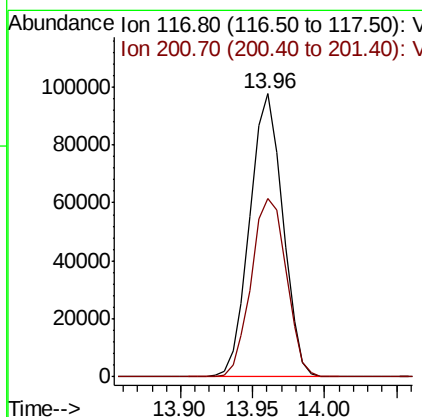
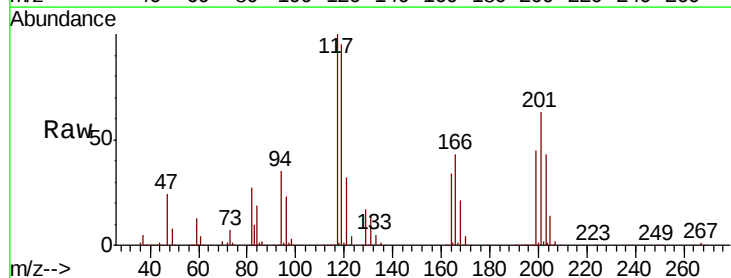
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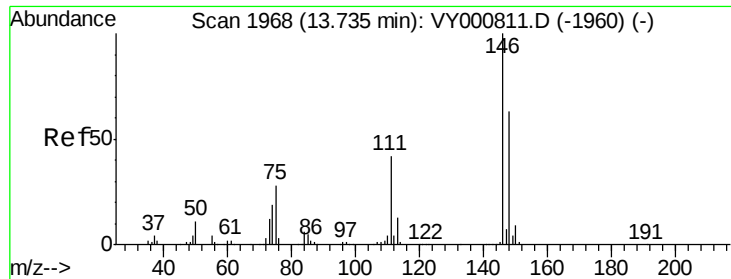
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#90  
Hexachloroethane  
Concen: 55.240 ug/l  
RT: 13.96 min Scan# 2005  
Delta R.T. -0.00 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 201     | 67.1  | 34.0 | 102.0 |       |





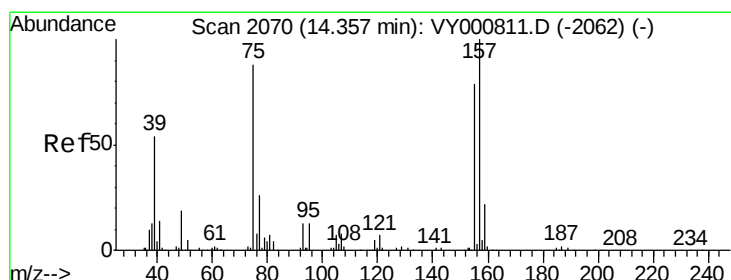
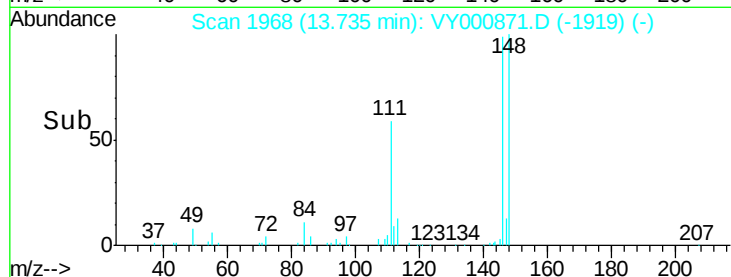
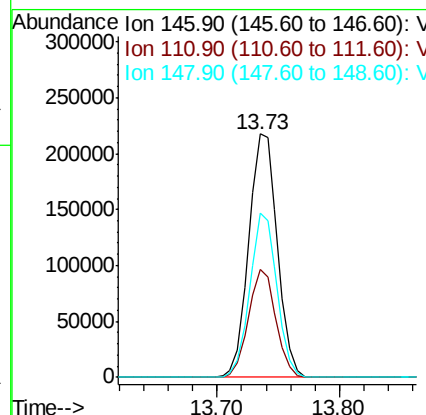
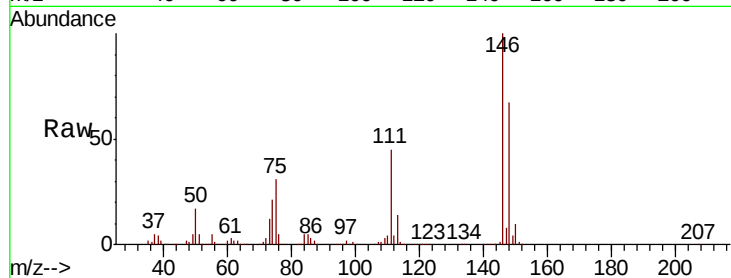
#91  
 1,2-Dichlorobenzene  
 Concen: 53.126 ug/l  
 RT: 13.73 min Scan# 1968  
 Delta R.T. -0.00 min  
 Lab File: VY000871.D  
 Acq: 05 Dec 2019 10:25

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.7  | 20.9  | 62.7  |
| 148     | 64.2  | 32.1  | 96.3  |

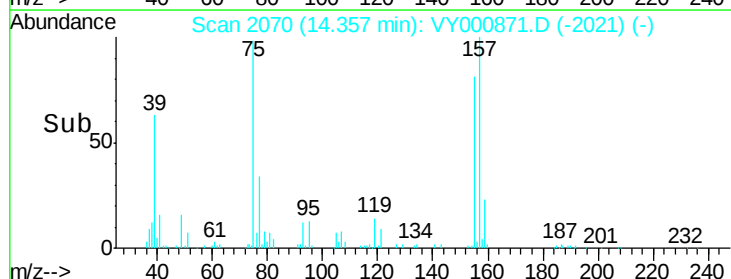
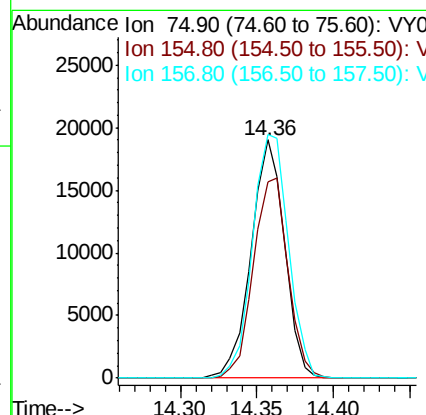
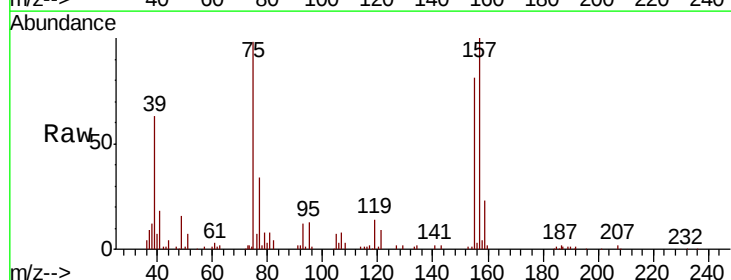
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 50.736 ug/l  
 RT: 14.36 min Scan# 2070  
 Delta R.T. -0.00 min  
 Lab File: VY000871.D  
 Acq: 05 Dec 2019 10:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 87.0  | 44.3  | 132.9 |
| 157     | 109.7 | 56.3  | 168.9 |





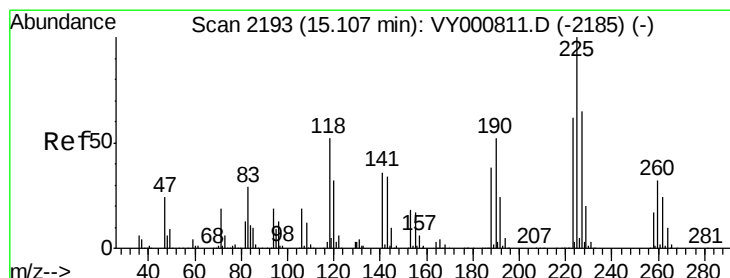
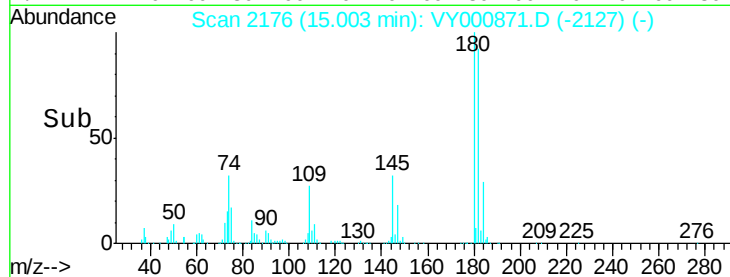
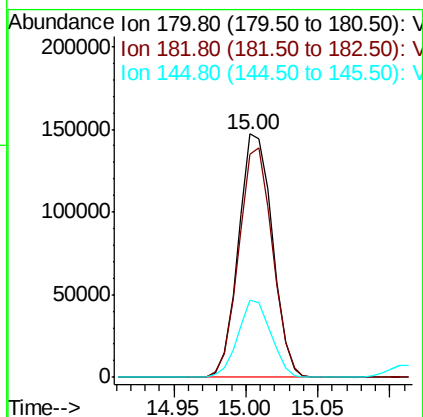
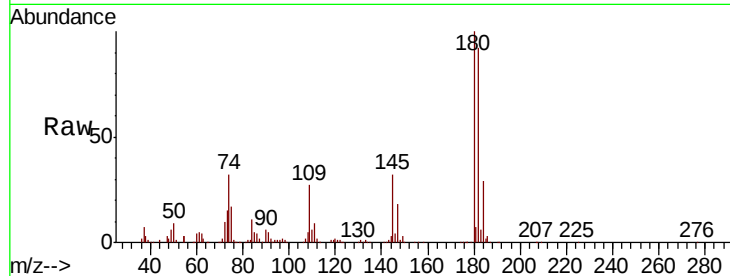
#93  
 1,2,4-Trichlorobenzene  
 Concen: 53.633 ug/l  
 RT: 15.00 min Scan# 2176  
 Delta R.T. -0.00 min  
 Lab File: VY000871.D  
 Acq: 05 Dec 2019 10:25

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 240447 |       |       |
| 182     | 93.8  | 47.3   | 141.9 |       |
| 145     | 30.8  | 16.0   | 47.9  |       |

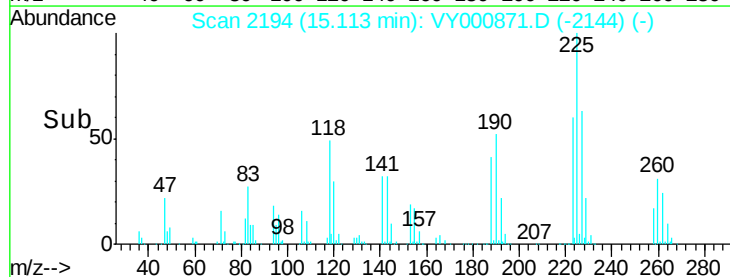
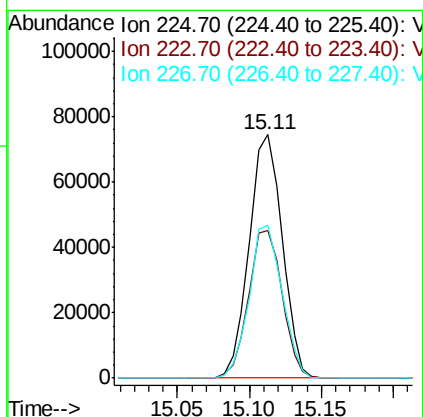
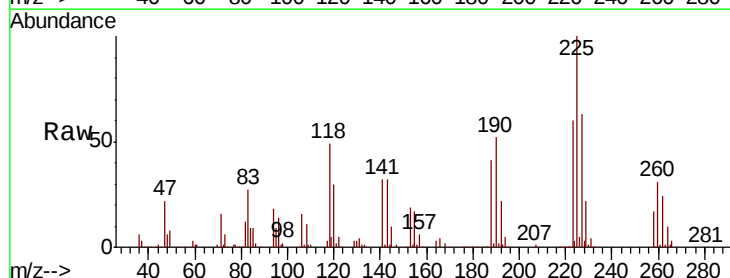
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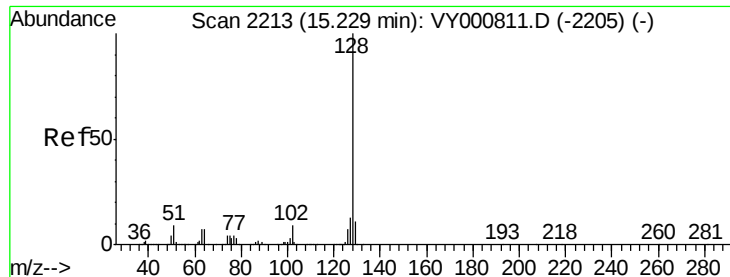
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#94  
 Hexachlorobutadiene  
 Concen: 53.293 ug/l  
 RT: 15.11 min Scan# 2194  
 Delta R.T. 0.01 min  
 Lab File: VY000871.D  
 Acq: 05 Dec 2019 10:25

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 118458 |       |       |
| 223     | 61.7  | 31.4   | 94.3  |       |
| 227     | 62.7  | 31.8   | 95.3  |       |





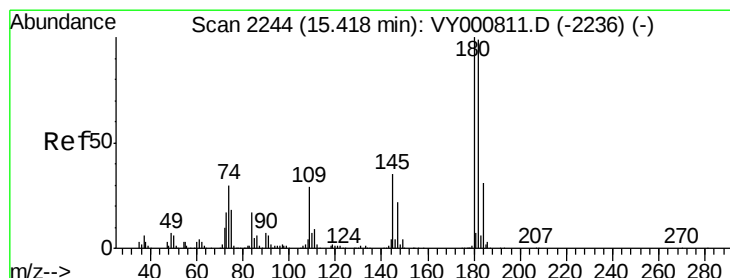
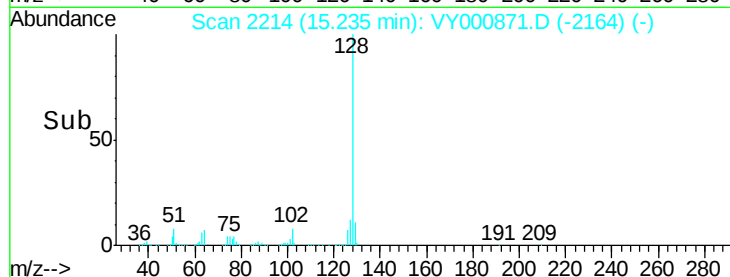
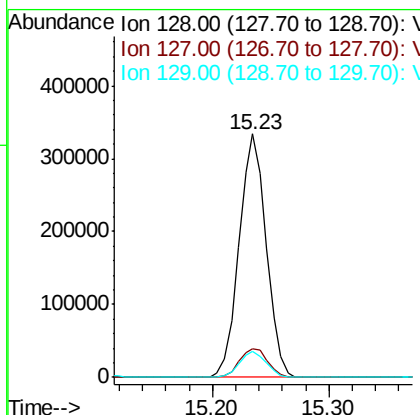
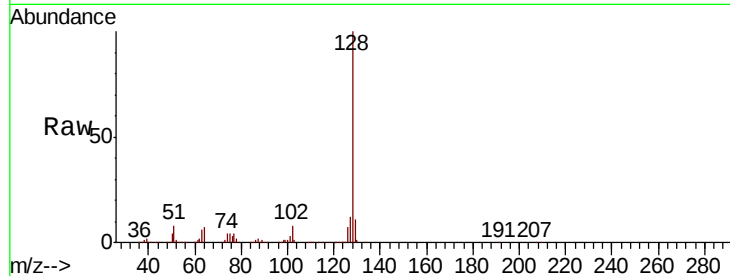
#95  
Naphthalene  
Concen: 51.960 ug/l  
RT: 15.23 min Scan# 2214  
Delta R.T. 0.01 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.2  | 10.1  | 15.1  |
| 129     | 10.7  | 8.8   | 13.2  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 52.316 ug/l  
RT: 15.42 min Scan# 2245  
Delta R.T. 0.01 min  
Lab File: VY000871.D  
Acq: 05 Dec 2019 10:25

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 97.0  | 48.0  | 144.0 |
| 145     | 33.2  | 16.9  | 50.6  |

