

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032620\  
 Data File : VY002089.D  
 Acq On : 26 Mar 2020 16:31  
 Operator : SY/MD  
 Sample : VSTDICCC050  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

apatel  
 3/27/2020 4:14:06 PM

Quant Time: Mar 27 06:49:55 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y032620S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 27 04:05:22 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.81  | 168  | 162846   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.71  | 114  | 299316   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.50 | 117  | 270722   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.43 | 152  | 123192   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.16   | 65  | 89485    | 50.90 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.80% |      |
| 35) Dibromofluoromethane  | 7.74   | 113 | 82820    | 50.38 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.76% |      |
| 50) Toluene-d8            | 10.19  | 98  | 351992   | 50.74 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.48% |      |
| 62) 4-Bromofluorobenzene  | 12.48  | 95  | 123815   | 51.21 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.42% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.91 | 85  | 49337   | 34.602  | ug/l | 100    |
| 3) Chloromethane              | 2.12 | 50  | 85284   | 43.077  | ug/l | 100    |
| 4) Vinyl Chloride             | 2.26 | 62  | 90953   | 45.170  | ug/l | 100    |
| 5) Bromomethane               | 2.66 | 94  | 61513   | 45.604  | ug/l | 100    |
| 6) Chloroethane               | 2.80 | 64  | 61436   | 47.966  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 3.14 | 101 | 126985  | 46.079  | ug/l | 100    |
| 8) Diethyl Ether              | 3.54 | 74  | 53777   | 49.099  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 3.91 | 101 | 83935   | 47.131  | ug/l | 100    |
| 10) Methyl Iodide             | 4.11 | 142 | 107331  | 52.189  | ug/l | 100    |
| 11) Tert butyl alcohol        | 4.98 | 59  | 45866   | 216.782 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 3.89 | 96  | 86694   | 48.364  | ug/l | 100    |
| 13) Acrolein                  | 3.74 | 56  | 71530   | 281.133 | ug/l | 100    |
| 14) Allyl chloride            | 4.50 | 41  | 164310  | 51.200  | ug/l | 100    |
| 15) Acrylonitrile             | 5.19 | 53  | 146082  | 249.420 | ug/l | 100    |
| 16) Acetone                   | 3.96 | 43  | 124460  | 247.542 | ug/l | 100    |
| 17) Carbon Disulfide          | 4.21 | 76  | 288711  | 47.980  | ug/l | 100    |
| 18) Methyl Acetate            | 4.50 | 43  | 63182   | 48.929  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 5.24 | 73  | 245388  | 50.207  | ug/l | 100    |
| 20) Methylene Chloride        | 4.74 | 84  | 101497  | 46.926  | ug/l | 100    |
| 21) trans-1,2-Dichloroethene  | 5.24 | 96  | 100744  | 49.295  | ug/l | 100    |
| 22) Diisopropyl ether         | 6.14 | 45  | 336630  | 51.115  | ug/l | 100    |
| 23) Vinyl Acetate             | 6.08 | 43  | 1104465 | 256.503 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 6.04 | 63  | 178232  | 50.144  | ug/l | 100    |
| 25) 2-Butanone                | 7.01 | 43  | 191268  | 250.041 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 7.00 | 77  | 146227  | 50.013  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 7.00 | 96  | 111677  | 50.181  | ug/l | 100    |
| 28) Bromochloromethane        | 7.35 | 49  | 87243   | 53.775  | ug/l | 100    |
| 29) Tetrahydrofuran           | 7.36 | 42  | 126371  | 248.198 | ug/l | 100    |
| 30) Chloroform                | 7.53 | 83  | 167922  | 50.310  | ug/l | 100    |
| 31) Cyclohexane               | 7.80 | 56  | 179208  | 47.157  | ug/l | 100    |
| 32) 1,1,1-Trichloroethane     | 7.72 | 97  | 141499  | 50.370  | ug/l | 100    |
| 36) 1,1-Dichloropropene       | 7.94 | 75  | 141020  | 49.380  | ug/l | 100    |
| 37) Ethyl Acetate             | 7.10 | 43  | 81961   | 49.517  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 7.92 | 117 | 121464  | 49.650  | ug/l | 100    |

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 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
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 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

apatel  
 3/27/2020 4:14:06 PM

Quant Time: Mar 27 06:49:55 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y032620S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 27 04:05:22 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.19  | 83   | 185777   | 48.963   | ug/l   | 100      |
| 40) Benzene                    | 8.17  | 78   | 420019   | 49.544   | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.33  | 41   | 42834m   | 55.547   | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.25  | 62   | 110238   | 50.400   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.29  | 43   | 157489   | 50.062   | ug/l   | 100      |
| 44) Trichloroethene            | 8.96  | 130  | 102111   | 49.399   | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.23  | 63   | 107868   | 50.505   | ug/l   | 100      |
| 46) Dibromomethane             | 9.32  | 93   | 54904    | 49.886   | ug/l   | 100      |
| 47) Bromodichloromethane       | 9.51  | 83   | 130747   | 51.012   | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.30  | 41   | 69893    | 50.440   | ug/l   | 100      |
| 49) 1,4-Dioxane                | 9.31  | 88   | 15041    | 1001.360 | ug/l   | 100      |
| 51) 4-Methyl-2-Pentanone       | 10.08 | 43   | 404826   | 249.972  | ug/l   | 100      |
| 52) Toluene                    | 10.25 | 92   | 254102   | 49.369   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 144785   | 51.898   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 9.94  | 75   | 170198   | 51.247   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 10.66 | 97   | 82124    | 50.891   | ug/l   | 100      |
| 56) Ethyl methacrylate         | 10.52 | 69   | 118923   | 50.660   | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 10.80 | 76   | 143771   | 50.038   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.80  | 63   | 299272   | 299.005  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.84 | 43   | 287585   | 249.430  | ug/l   | 100      |
| 60) Dibromochloromethane       | 10.99 | 129  | 86163    | 50.908   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 11.09 | 107  | 75714    | 49.660   | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.73 | 164  | 82635    | 48.874   | ug/l   | 100      |
| 65) Chlorobenzene              | 11.52 | 112  | 262108   | 49.091   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.60 | 131  | 87893    | 50.118   | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.60 | 91   | 494034   | 49.533   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.71 | 106  | 364693   | 99.074   | ug/l   | 100      |
| 69) o-Xylene                   | 12.03 | 106  | 172043   | 49.541   | ug/l   | 100      |
| 70) Styrene                    | 12.05 | 104  | 303629   | 51.011   | ug/l   | 100      |
| 71) Bromoform                  | 12.22 | 173  | 49404    | 52.035   | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.34 | 105  | 467373   | 49.847   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.15 | 43   | 145076   | 50.380   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.59 | 83   | 99330    | 49.269   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.64 | 75   | 72935m   | 49.393   | ug/l   |          |
| 77) Bromobenzene               | 12.61 | 156  | 100107   | 50.195   | ug/l   | 100      |
| 78) n-propylbenzene            | 12.68 | 91   | 578943   | 49.992   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.77 | 91   | 319297   | 49.923   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.82 | 105  | 388720   | 50.234   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.39 | 75   | 36515    | 50.726   | ug/l   | 100      |
| 82) 4-Chlorotoluene            | 12.86 | 91   | 334808   | 50.207   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.08 | 119  | 327104   | 50.743   | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.13 | 105  | 385704   | 50.279   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.26 | 105  | 479071   | 50.549   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.38 | 119  | 415430   | 50.789   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.38 | 146  | 193072   | 49.541   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.45 | 146  | 195422   | 49.466   | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.70 | 91   | 428090   | 50.423   | ug/l   | 100      |
| 90) Hexachloroethane           | 13.97 | 117  | 78359    | 50.794   | ug/l   | 100      |
| 91) 1,2-Dichlorobenzene        | 13.75 | 146  | 179423   | 50.484   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 15117    | 47.962   | ug/l   | 100      |

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Acq On : 26 Mar 2020 16:31  
Operator : SY/MD  
Sample : VSTDICCC050  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 7 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
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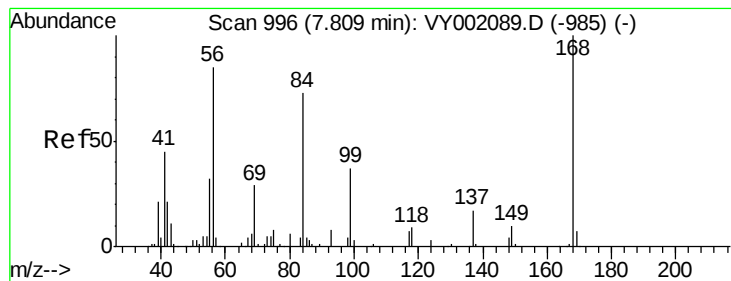
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3/27/2020 4:14:06 PM

Quant Time: Mar 27 06:49:55 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y032620S.M  
Quant Title : SW846 8260  
QLast Update : Fri Mar 27 04:05:22 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.02 | 180  | 113453   | 49.462 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.12 | 225  | 55798    | 49.595 | ug/l  | 100      |
| 95) Naphthalene            | 15.25 | 128  | 269171   | 49.467 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.44 | 180  | 101753   | 50.128 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.81 min Scan# 996

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

Tot Ion:168 Resp: 162846

Ion Ratio Lower Upper

168 100

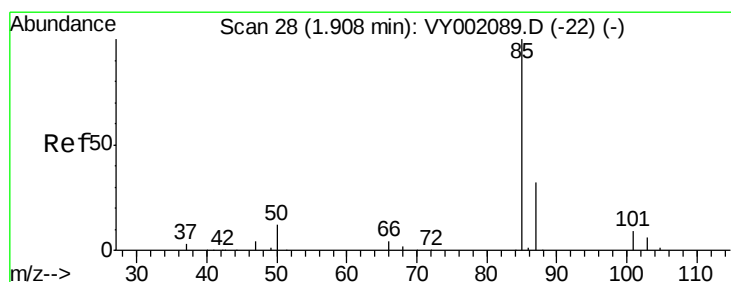
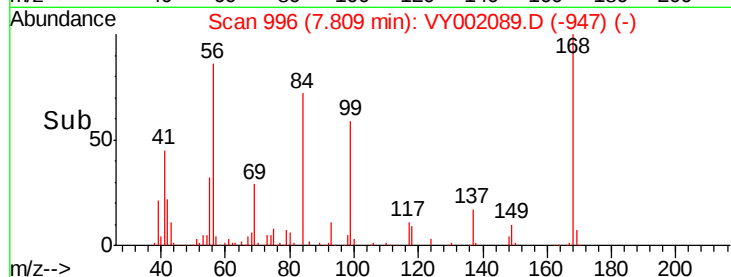
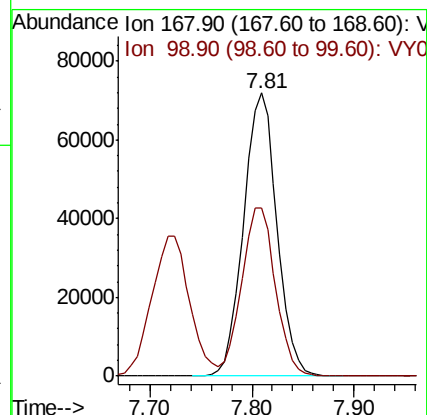
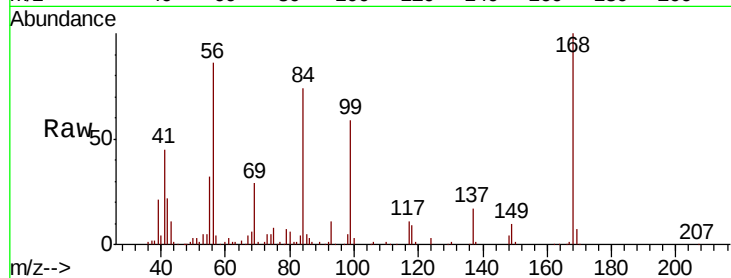
99 59.5 47.6 71.4

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 34.602 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002089.D

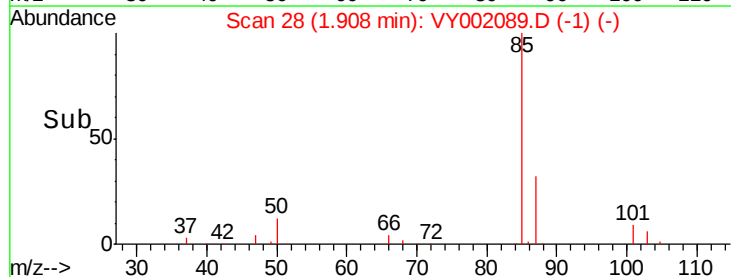
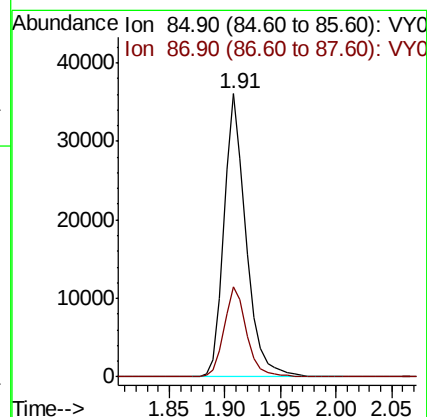
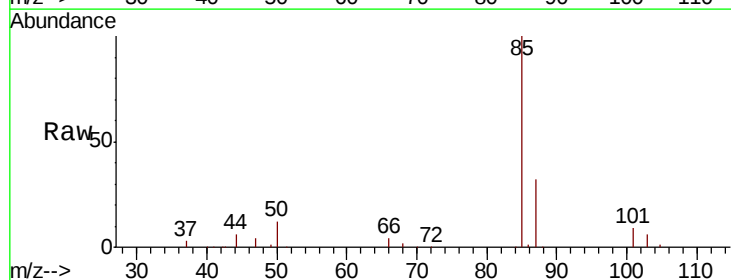
Acq: 26 Mar 2020 16:31

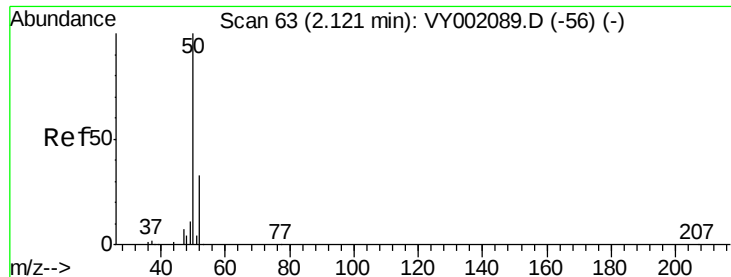
Tgt Ion: 85 Resp: 49337

Ion Ratio Lower Upper

85 100

87 32.0 16.0 48.0





#3

Chloromethane

Concen: 43.077 ug/l

RT: 2.12 min Scan# 63

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 85284

Ion Ratio Lower Upper

50 100

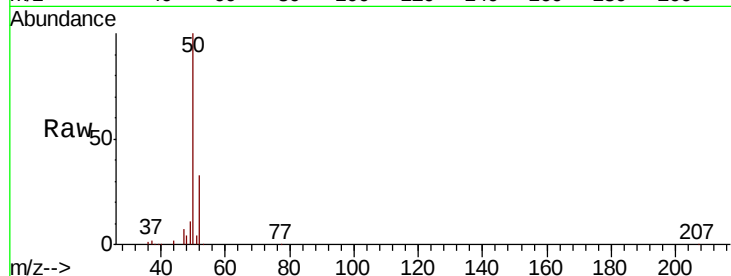
52 32.6 26.1 39.1

Manual Integrations

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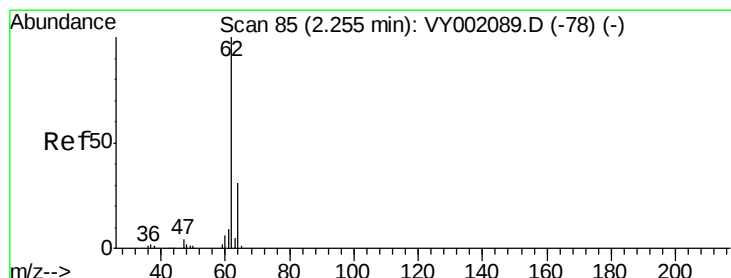
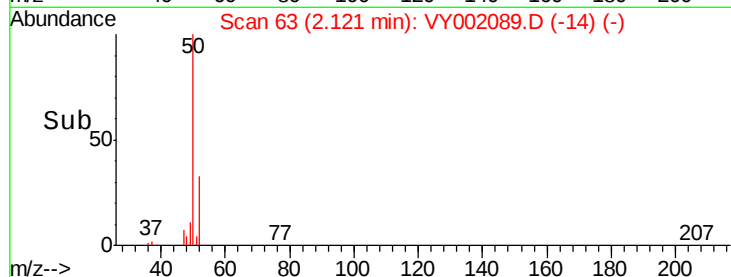
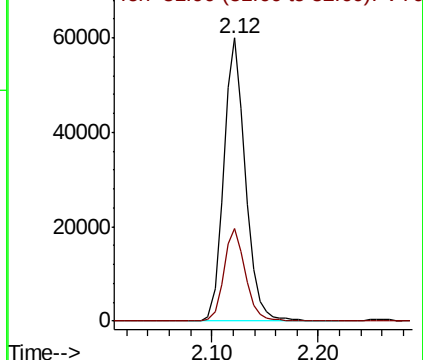
apatel

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Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0



#4

Vinyl Chloride

Concen: 45.170 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002089.D

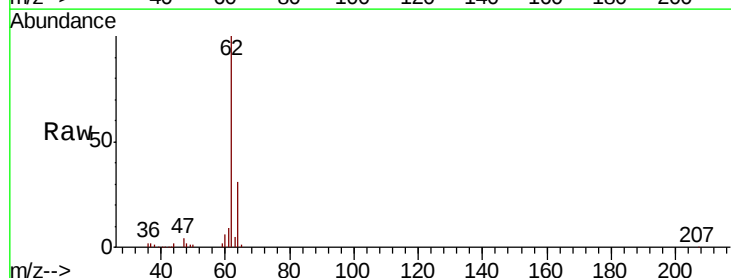
Acq: 26 Mar 2020 16:31

Tgt Ion: 62 Resp: 90953

Ion Ratio Lower Upper

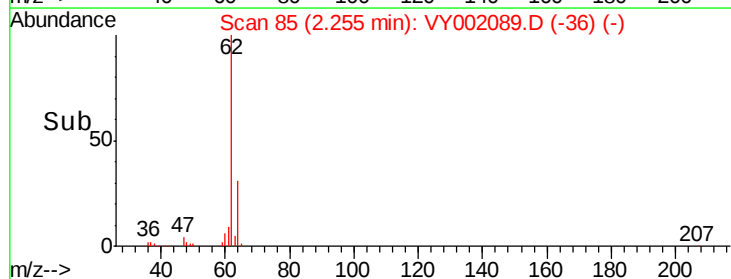
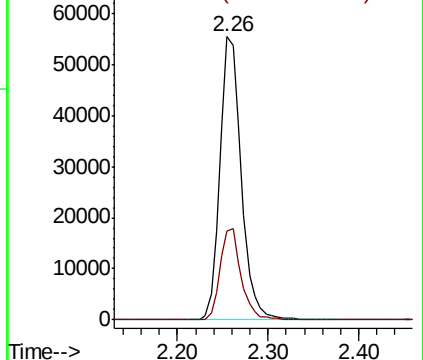
62 100

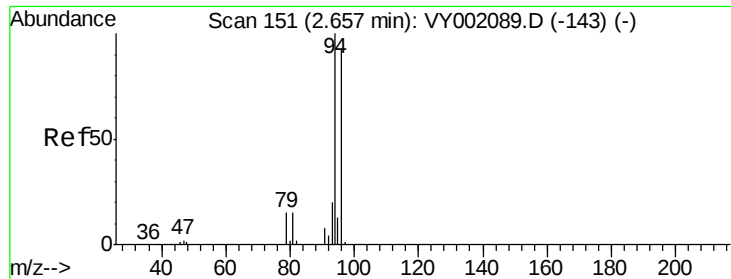
64 31.5 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 45.604 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 61513

Ion Ratio Lower Upper

94 100

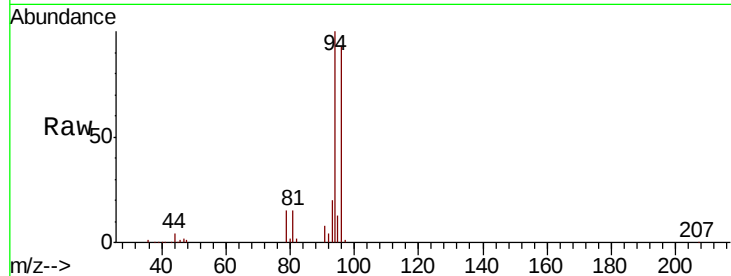
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Manual Integrations

APPROVED

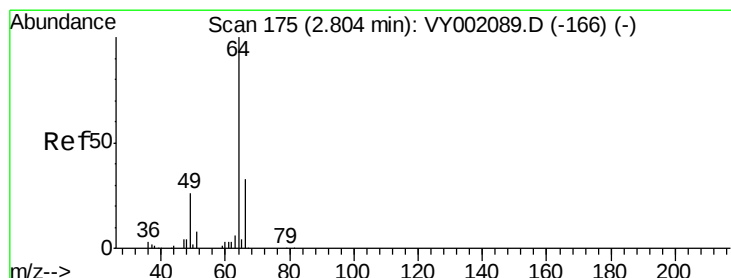
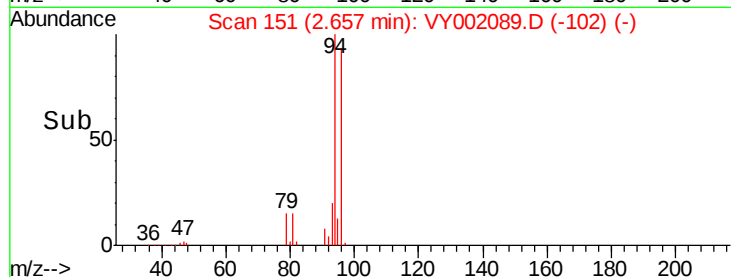
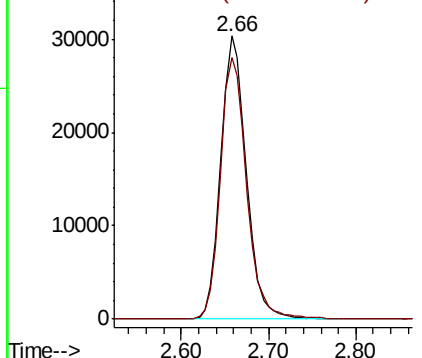
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 47.966 ug/l

RT: 2.80 min Scan# 175

Delta R.T. 0.00 min

Lab File: VY002089.D

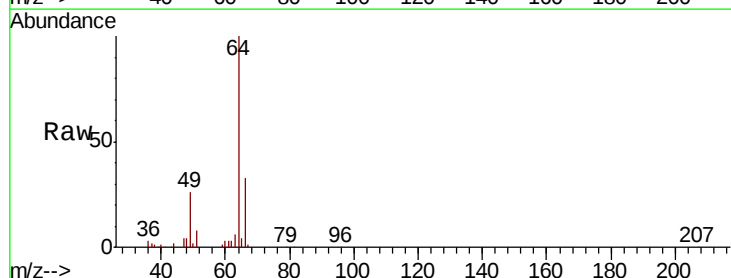
Acq: 26 Mar 2020 16:31

Tgt Ion: 64 Resp: 61436

Ion Ratio Lower Upper

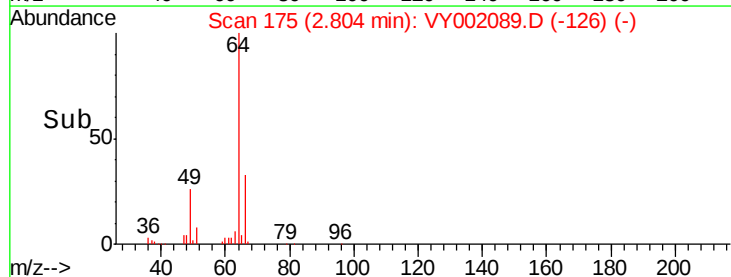
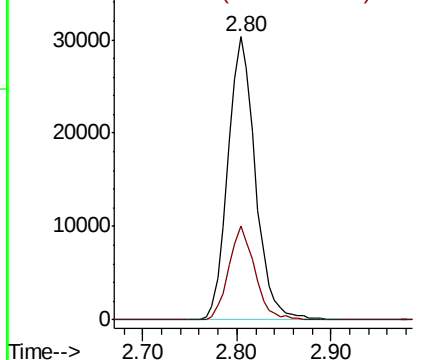
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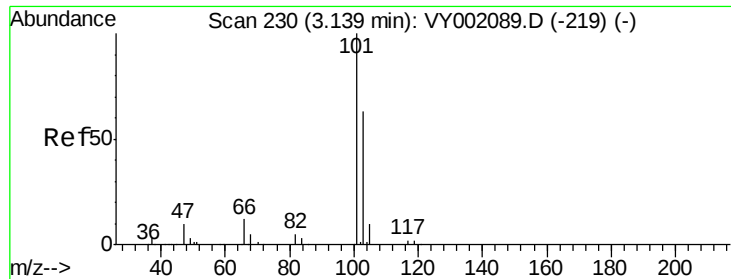
66 33.2 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

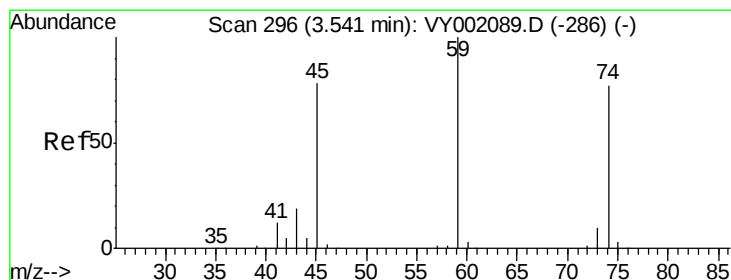
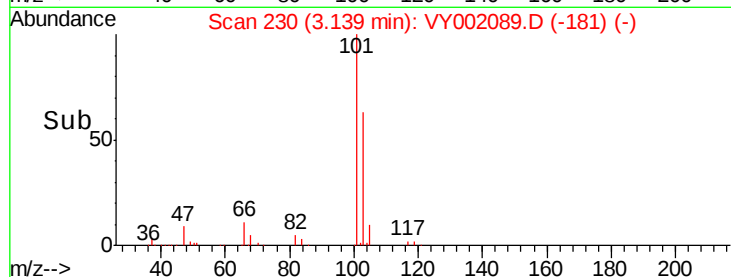
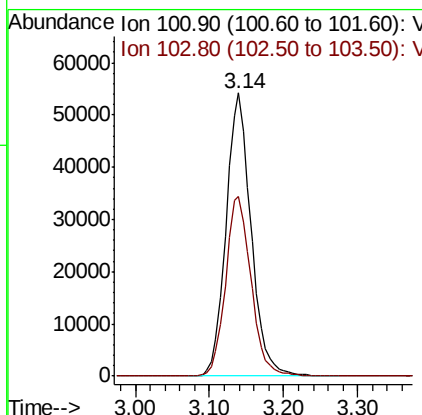
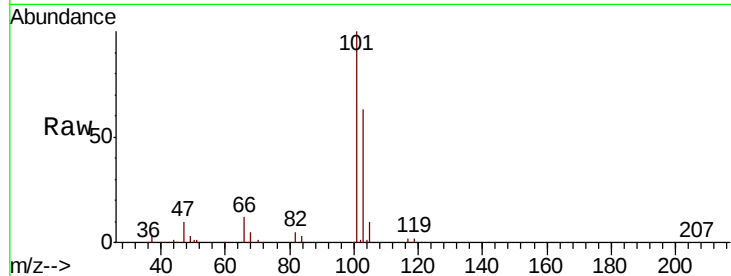
Trichlorofluoromethane  
 Concen: 46.079 ug/l  
 RT: 3.14 min Scan# 230  
 Delta R.T. 0.00 min  
 Lab File: VY002089.D  
 Acq: 26 Mar 2020 16:31

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.3  | 50.6  | 76.0  |

Manual Integrations  
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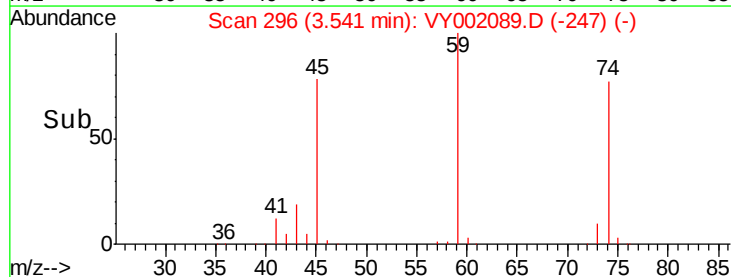
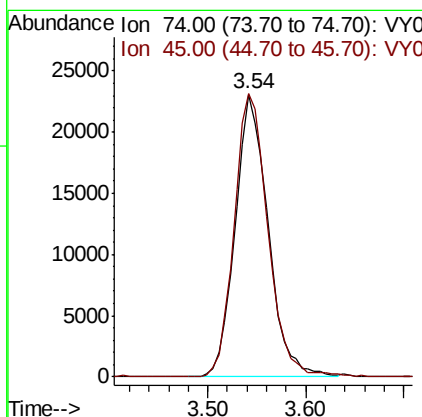
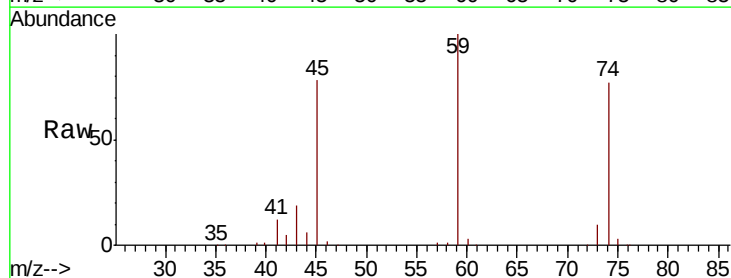
apatel  
 3/27/2020 4:14:06 PM

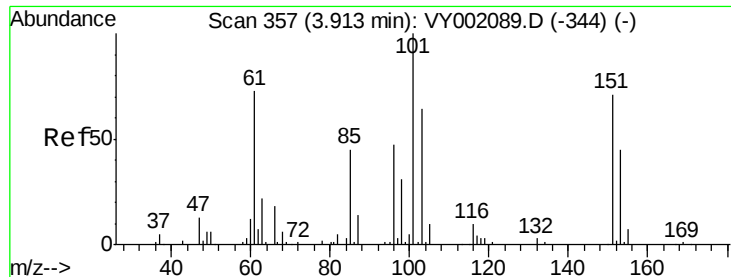


#8

Diethyl Ether  
 Concen: 49.099 ug/l  
 RT: 3.54 min Scan# 296  
 Delta R.T. 0.00 min  
 Lab File: VY002089.D  
 Acq: 26 Mar 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 102.0 | 51.0  | 153.0 |





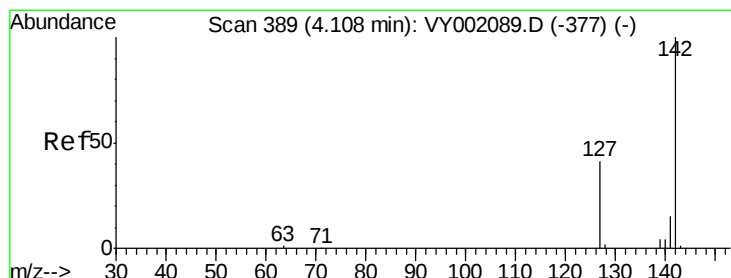
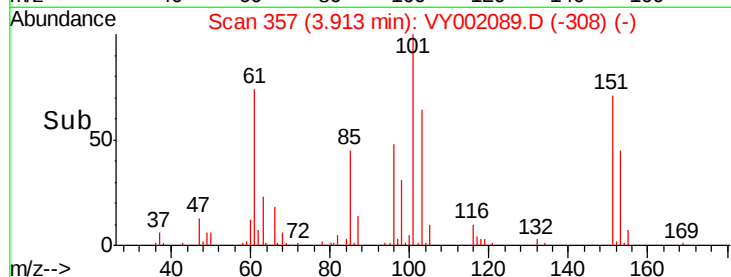
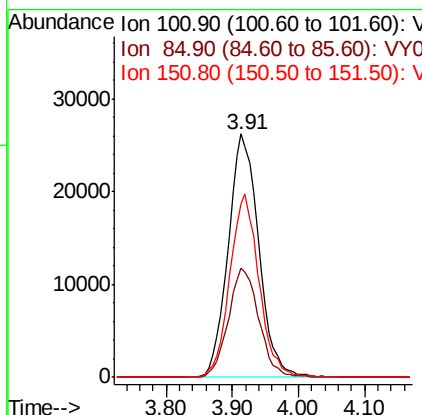
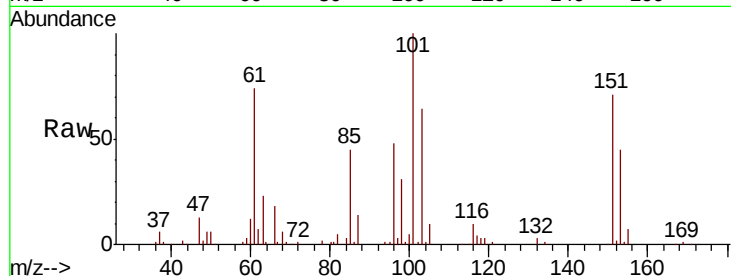
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 47.131 ug/l  
RT: 3.91 min Scan# 357  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 101     | 100   | 83935 |       |       |
| 85      | 44.9  | 35.9  | 53.9  |       |
| 151     | 71.9  | 57.5  | 86.3  |       |

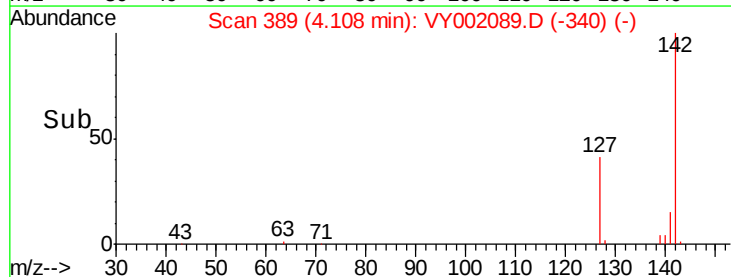
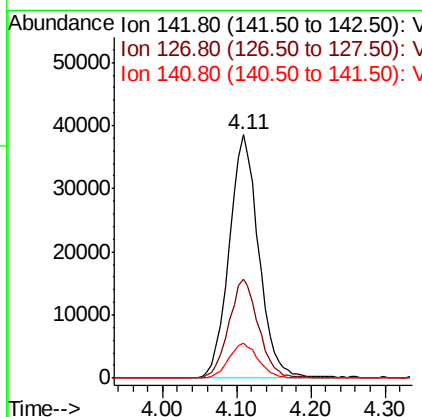
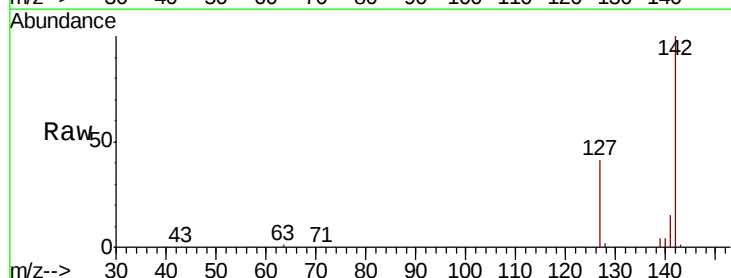
Manual Integrations  
APPROVED

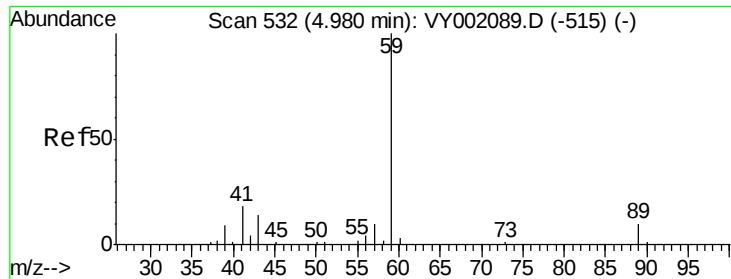
apatel  
3/27/2020 4:14:06 PM



#10  
Methyl Iodide  
Concen: 52.189 ug/l  
RT: 4.11 min Scan# 389  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 107331 |       |       |
| 127     | 40.8  | 32.6   | 49.0  |       |
| 141     | 14.2  | 11.4   | 17.0  |       |





#11

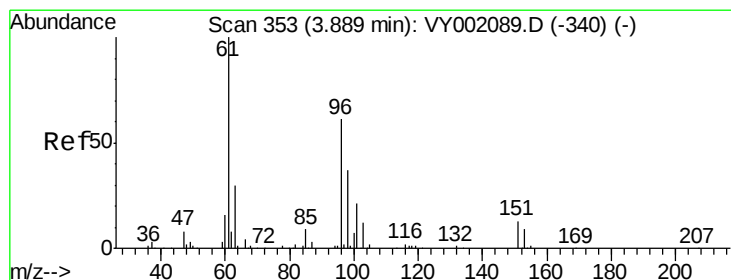
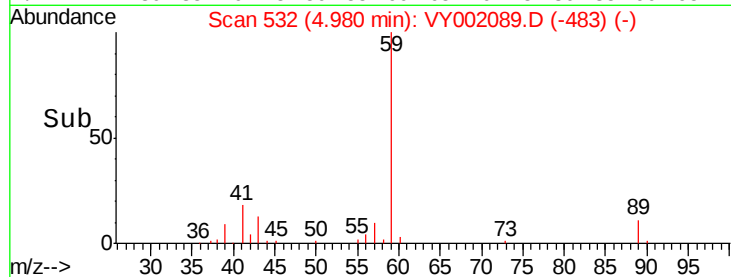
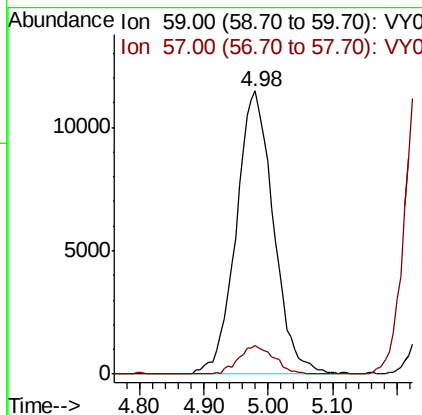
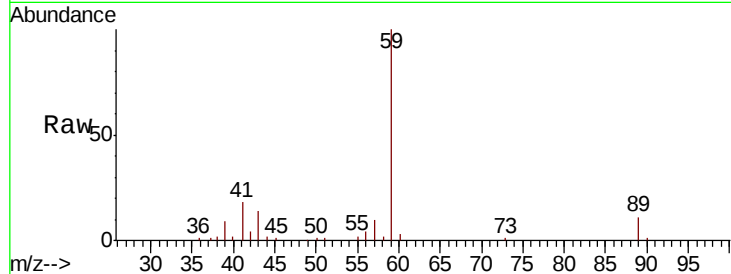
Tert butyl alcohol  
 Concen: 216.782 ug/l  
 RT: 4.98 min Scan# 532  
 Delta R.T. 0.00 min  
 Lab File: VY002089.D  
 Acq: 26 Mar 2020 16:31

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 9.6   | 7.7   | 11.5  |

Manual Integrations  
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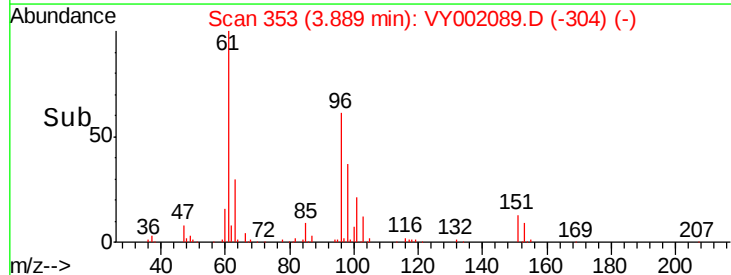
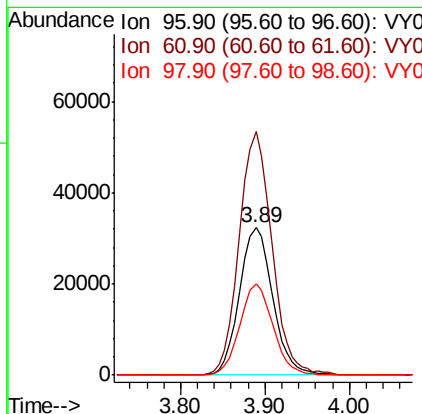
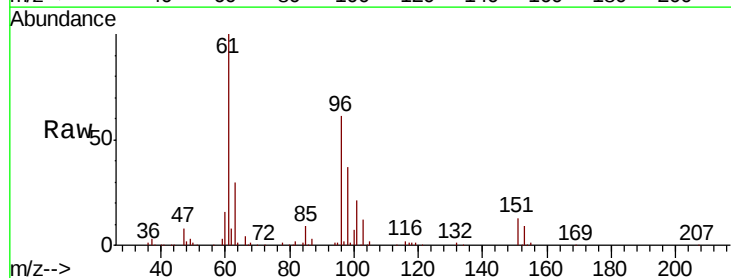
apatel  
 3/27/2020 4:14:06 PM

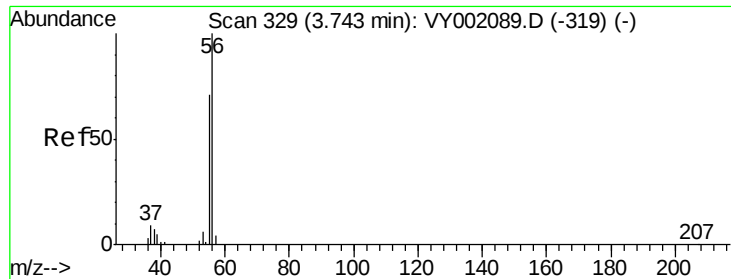


#12

1,1-Dichloroethene  
 Concen: 48.364 ug/l  
 RT: 3.89 min Scan# 353  
 Delta R.T. 0.00 min  
 Lab File: VY002089.D  
 Acq: 26 Mar 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 165.0 | 132.0 | 198.0 |
| 98      | 61.7  | 49.4  | 74.0  |





#13

Acrolein

Concen: 281.133 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 56 Resp: 71530

Ion Ratio Lower Upper

56 100

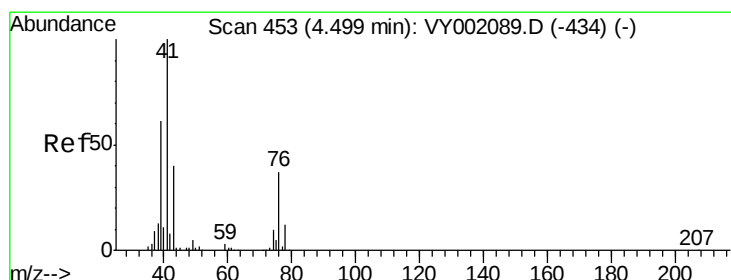
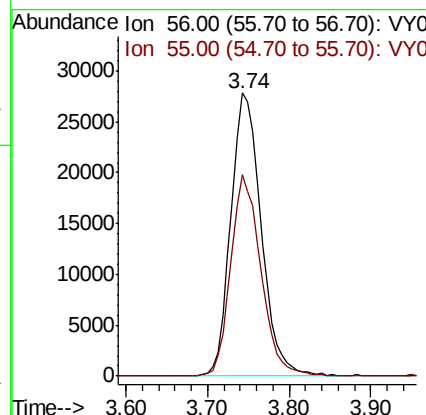
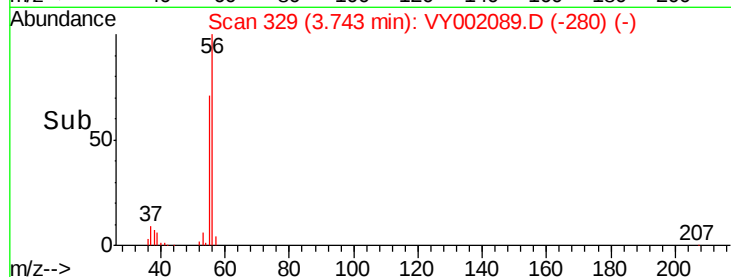
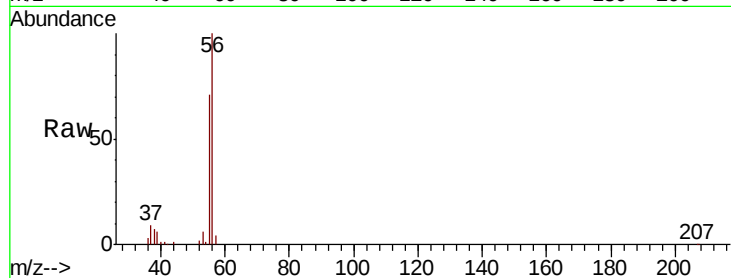
55 70.6 56.5 84.7

Manual Integrations

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#14

Allyl chloride

Concen: 51.200 ug/l

RT: 4.50 min Scan# 453

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

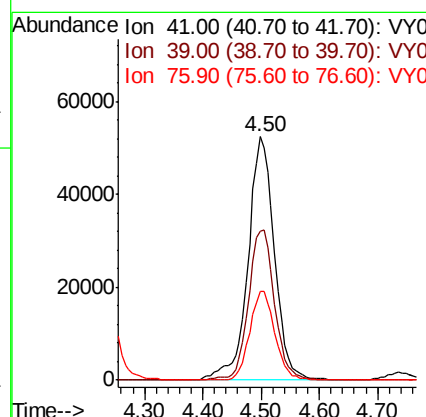
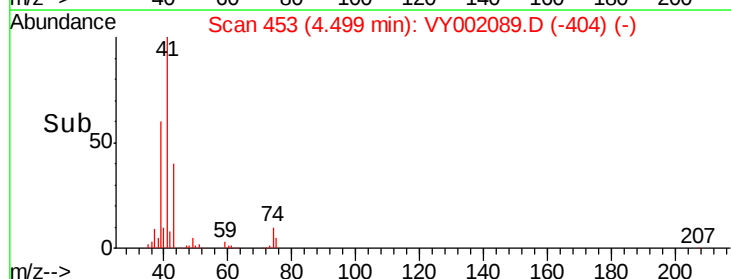
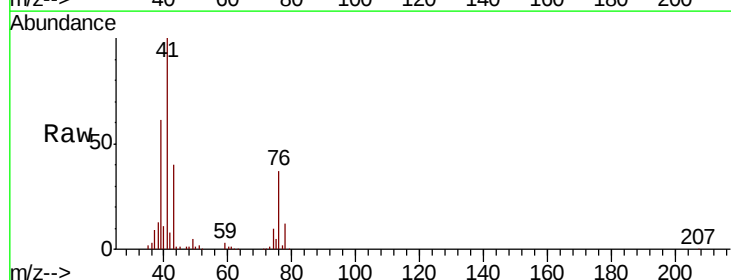
Tgt Ion: 41 Resp: 164310

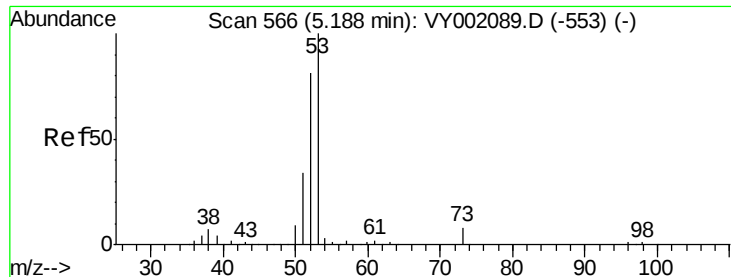
Ion Ratio Lower Upper

41 100

39 61.2 49.0 73.4

76 34.8 27.8 41.8





#15

Acrylonitrile

Concen: 249.420 ug/l

RT: 5.19 min Scan# 566

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA\_Y

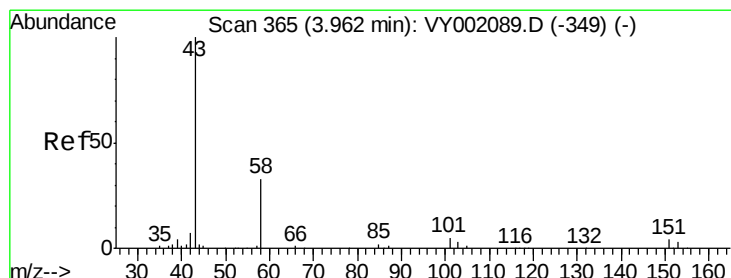
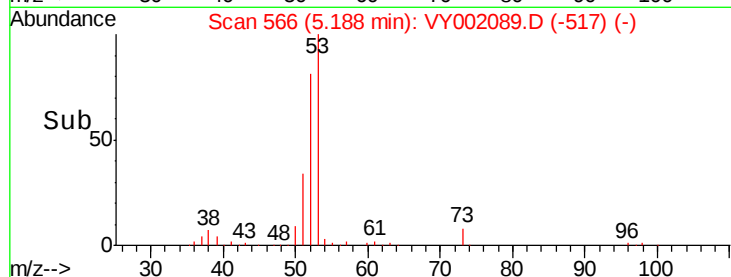
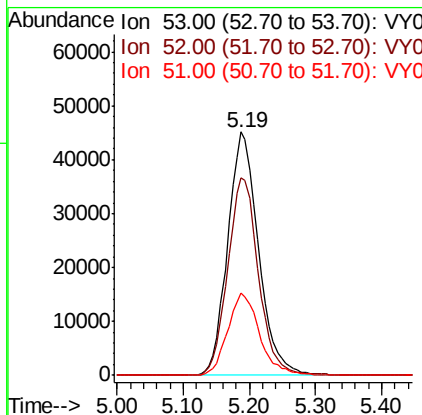
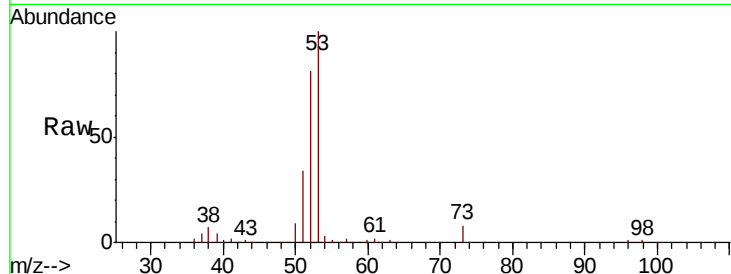
ClientSampleId :

VSTDICCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 146082 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 80.8  | 64.6  | 97.0   |
| 51       | 34.9  | 27.9  | 41.9   |

Manual Integrations  
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apatel  
3/27/2020 4:14:06 PM



#16

Acetone

Concen: 247.542 ug/l

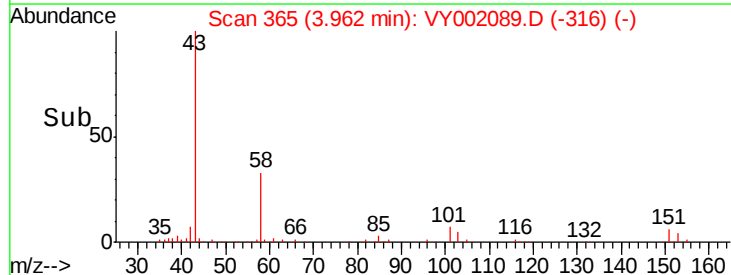
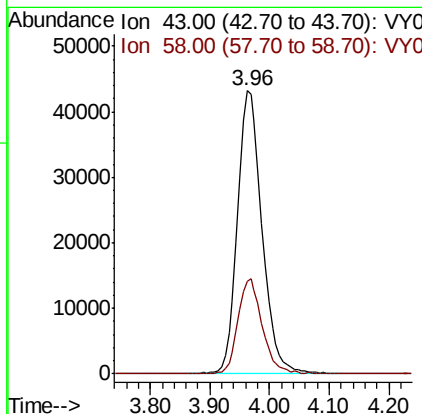
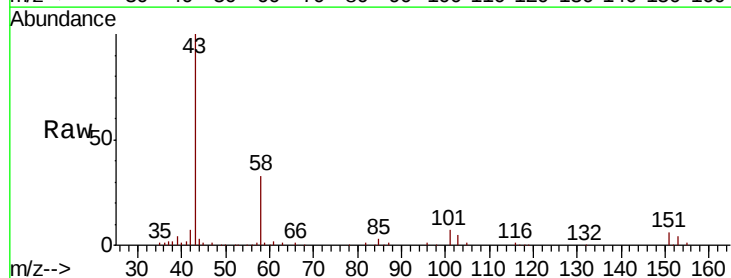
RT: 3.96 min Scan# 365

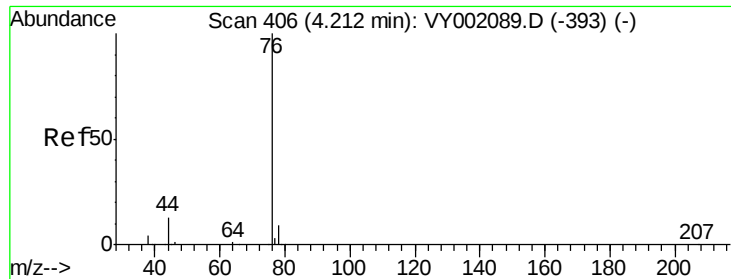
Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 124460 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 32.9  | 26.3  | 39.5   |





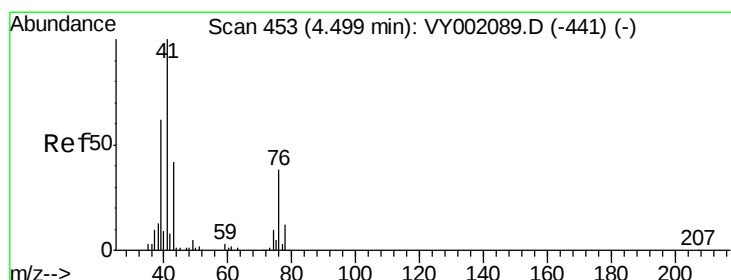
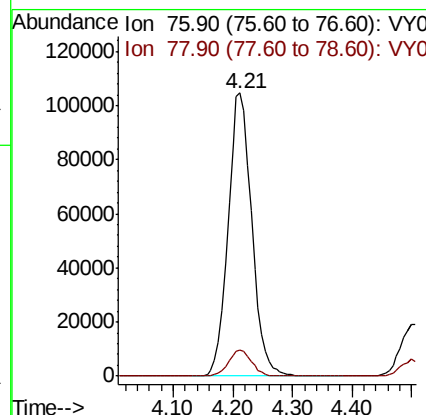
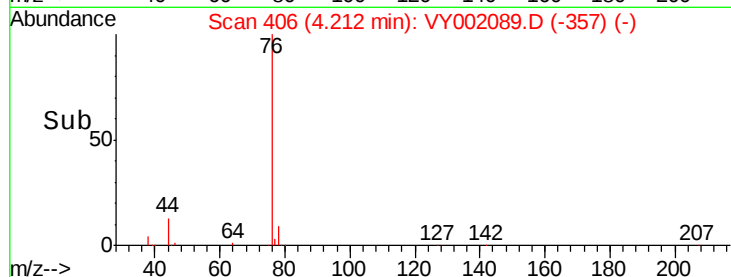
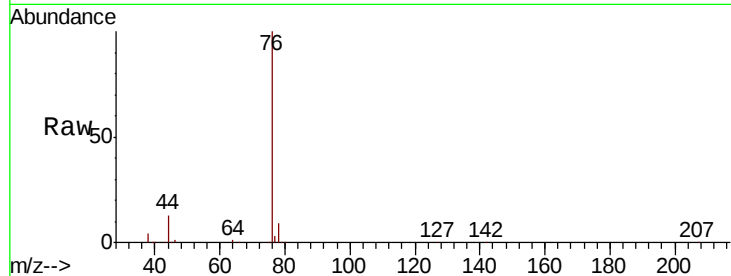
#17  
Carbon Disulfide  
Concen: 47.980 ug/l  
RT: 4.21 min Scan# 406  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.1   | 7.3   | 10.9  |

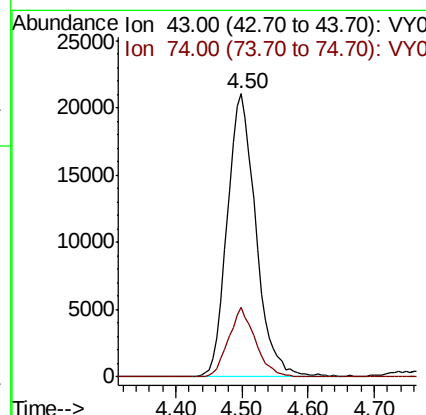
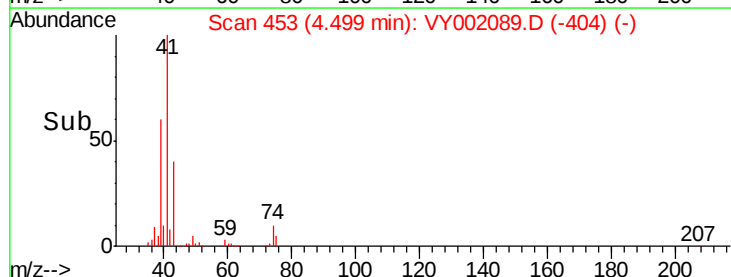
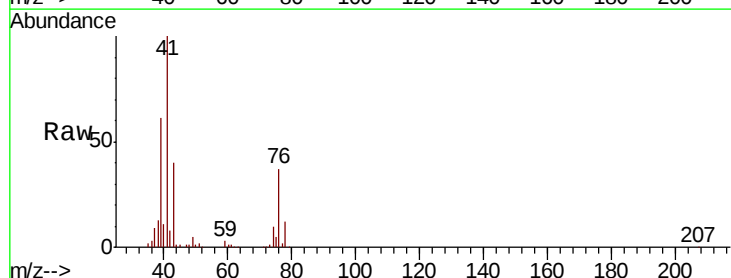
Manual Integrations  
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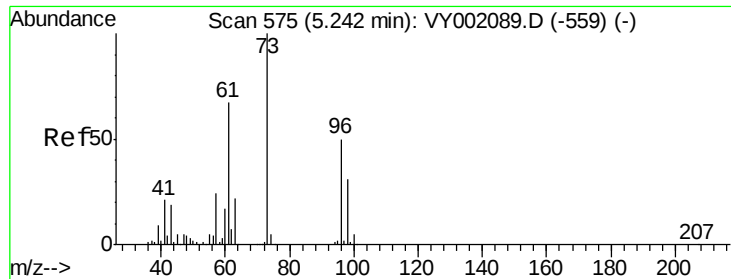
apatel  
3/27/2020 4:14:06 PM



#18  
Methyl Acetate  
Concen: 48.929 ug/l  
RT: 4.50 min Scan# 453  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 22.9  | 18.3  | 27.5  |





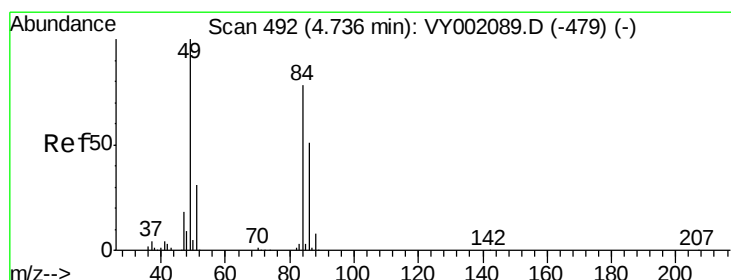
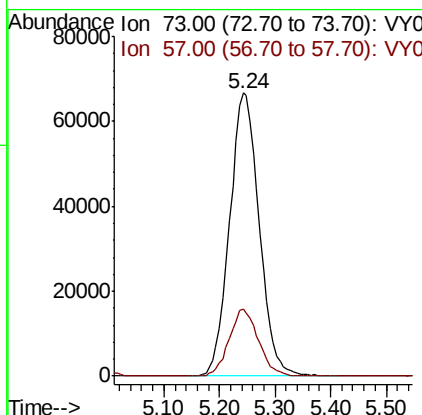
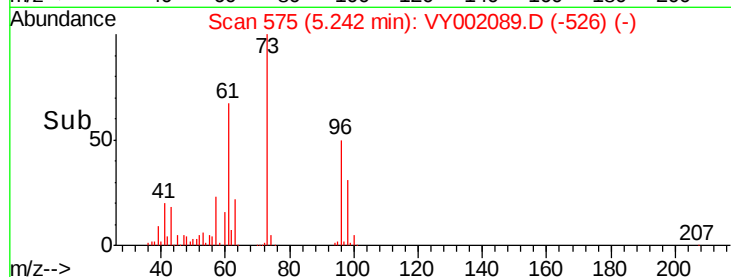
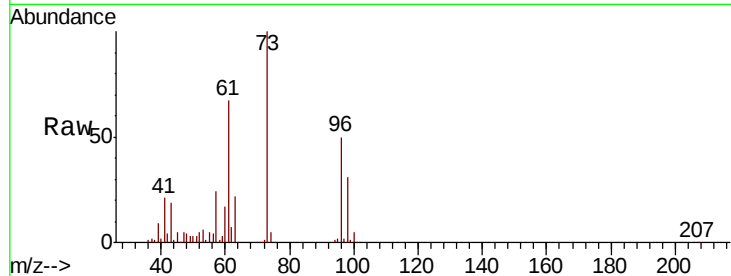
#19  
Methyl tert-butyl Ether  
Concen: 50.207 ug/l  
RT: 5.24 min Scan# 575  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Tot Ion: 73 Resp: 245388  
Ion Ratio Lower Upper  
73 100  
57 23.8 19.0 28.6

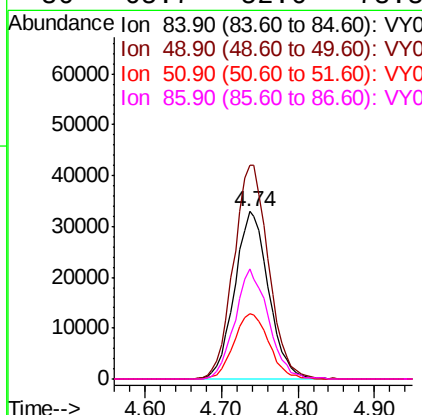
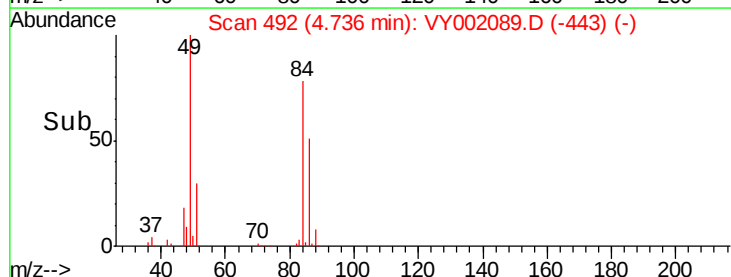
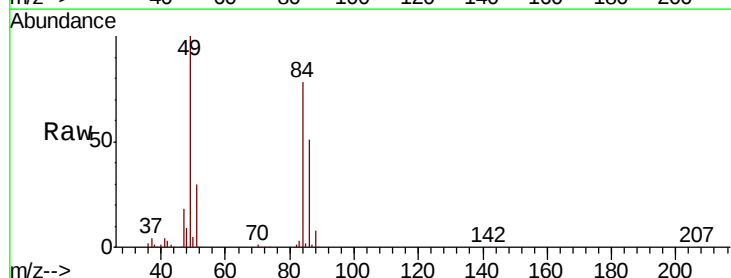
Manual Integrations  
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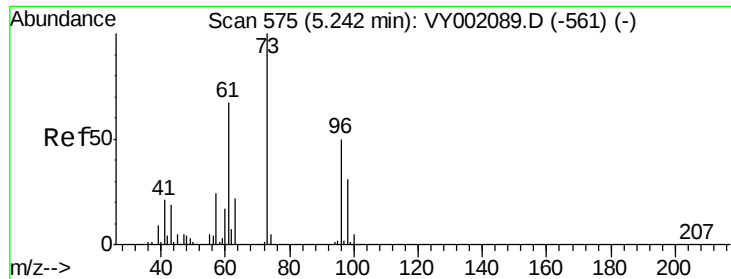
apatel  
3/27/2020 4:14:06 PM



#20  
Methylene Chloride  
Concen: 46.926 ug/l  
RT: 4.74 min Scan# 492  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Tgt Ion: 84 Resp: 101497  
Ion Ratio Lower Upper  
84 100  
49 127.8 102.2 153.4  
51 39.0 31.2 46.8  
86 65.7 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 49.295 ug/l

RT: 5.24 min Scan# 575

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA\_Y

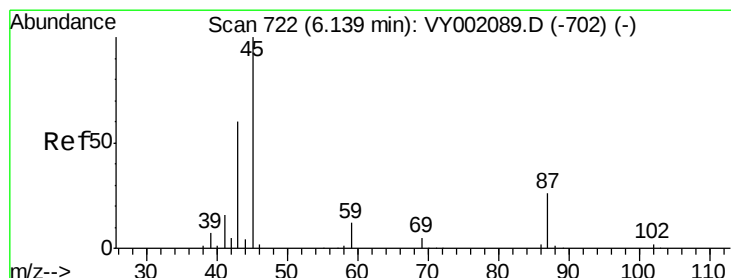
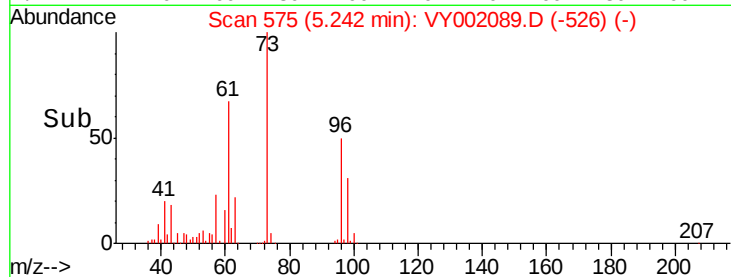
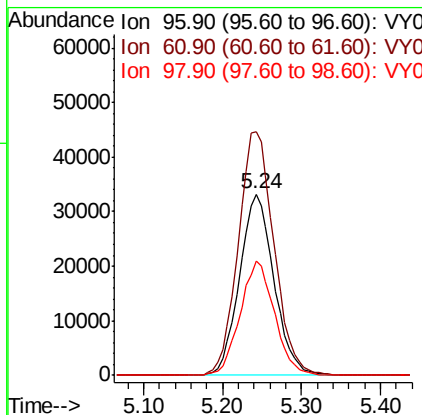
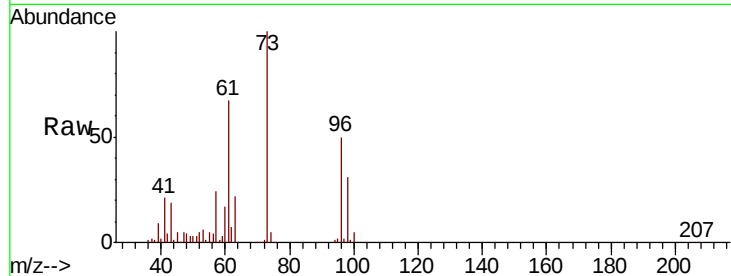
ClientSampleId :

VSTDICCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 100744 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 134.6 | 107.7 | 161.5  |
| 98       | 63.1  | 50.5  | 75.7   |

Manual Integrations  
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apatel  
3/27/2020 4:14:06 PM



#22

Diisopropyl ether

Concen: 51.115 ug/l

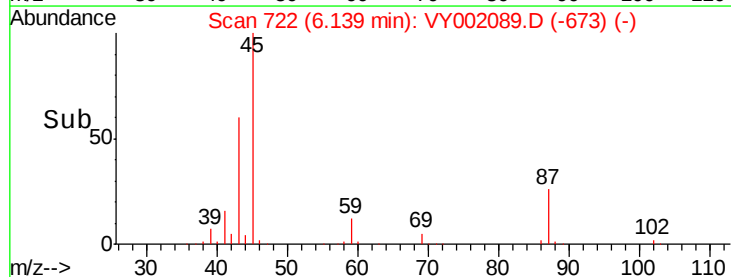
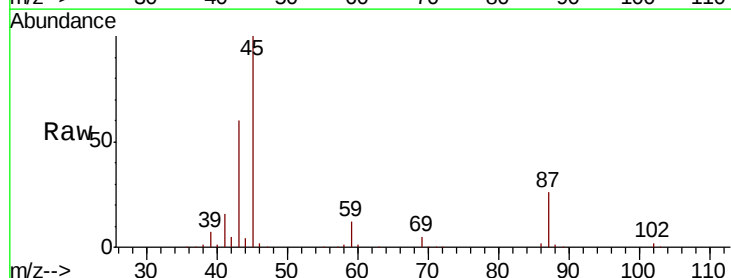
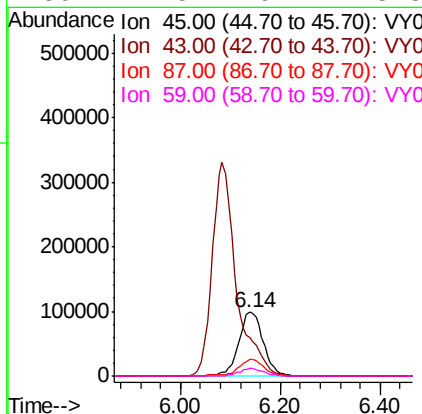
RT: 6.14 min Scan# 722

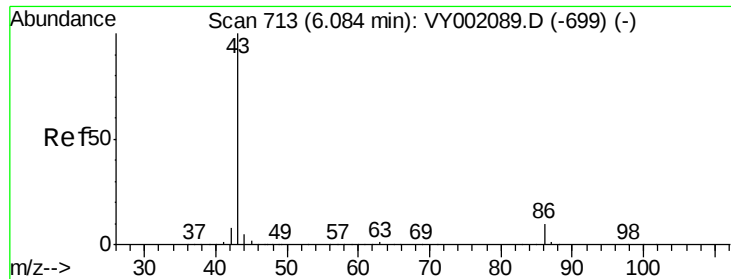
Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 336630 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 60.1  | 48.1  | 72.1   |
| 87       | 26.4  | 21.1  | 31.7   |
| 59       | 11.5  | 9.2   | 13.8   |





#23

Vinyl Acetate

Concen: 256.503 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 1104465

Ion Ratio Lower Upper

43 100

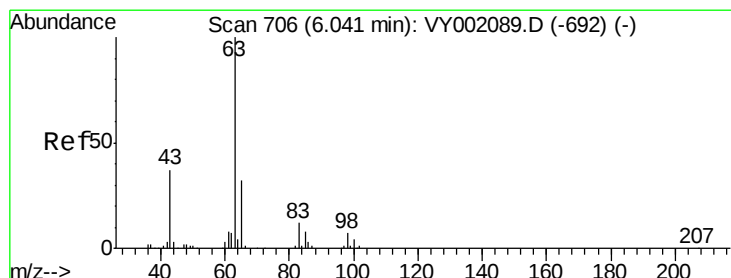
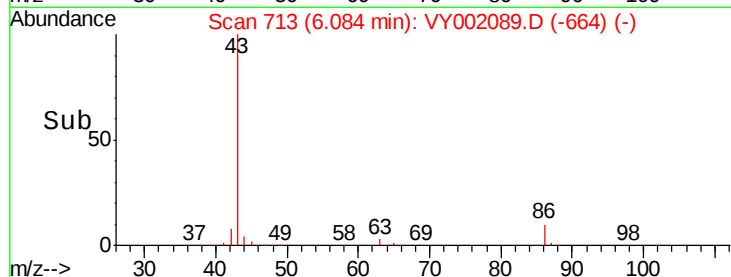
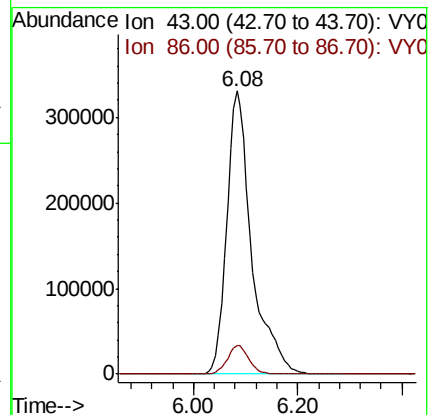
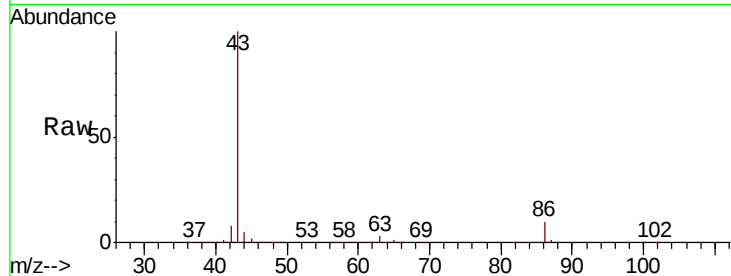
86 9.9 7.9 11.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.144 ug/l

RT: 6.04 min Scan# 706

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

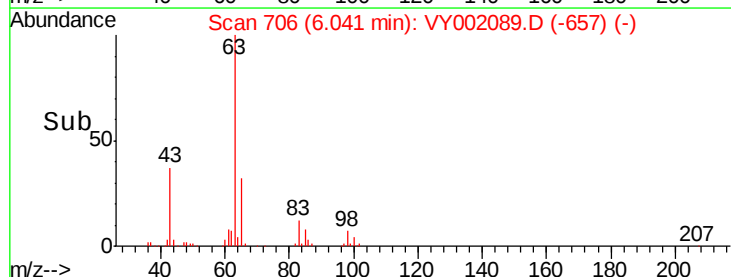
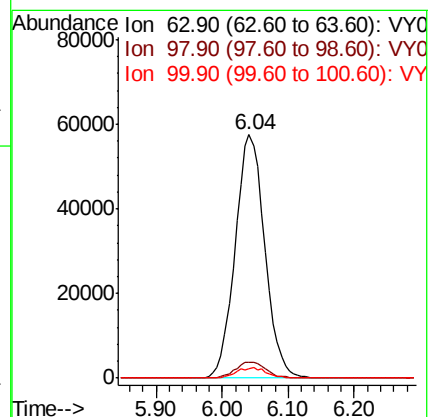
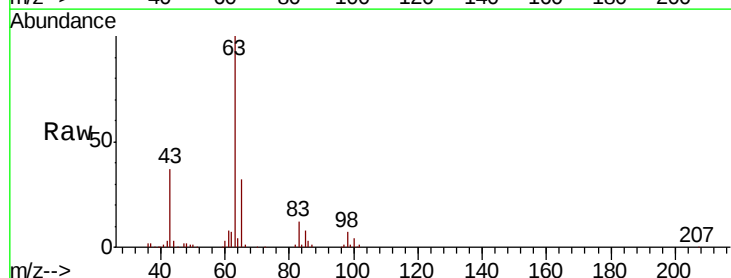
Tgt Ion: 63 Resp: 178232

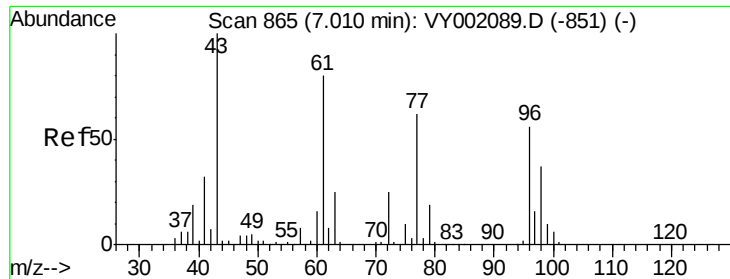
Ion Ratio Lower Upper

63 100

98 6.6 3.3 9.9

100 3.7 1.8 5.5





#25

2-Butanone

Concen: 250.041 ug/l

RT: 7.01 min Scan# 865

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 191268

Ion Ratio Lower Upper

43 100

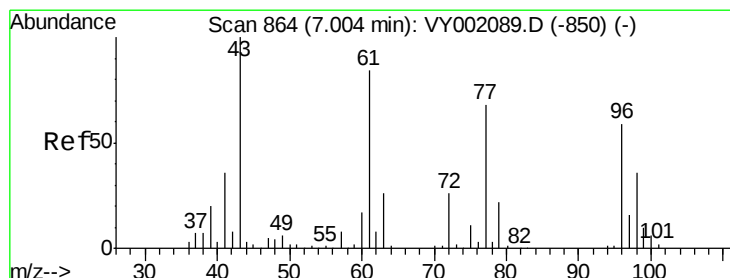
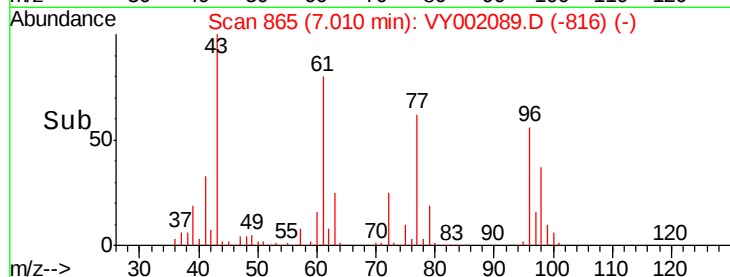
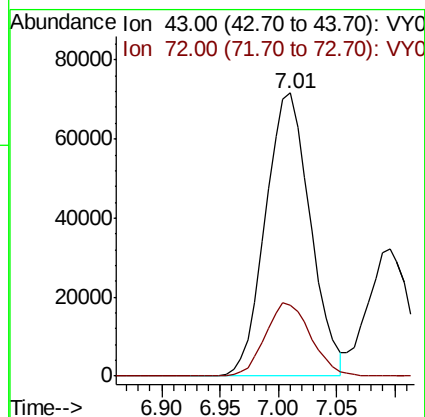
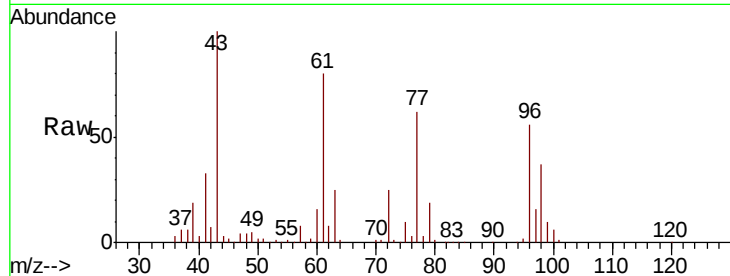
72 25.2 20.2 30.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.013 ug/l

RT: 7.00 min Scan# 864

Delta R.T. 0.00 min

Lab File: VY002089.D

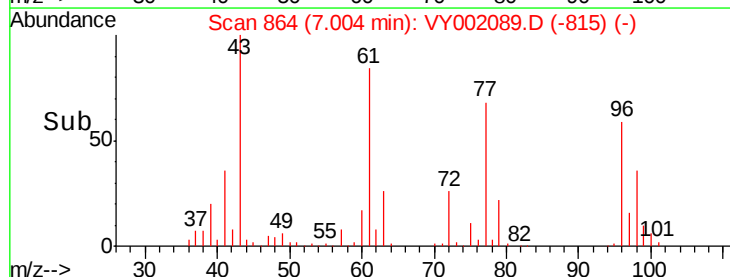
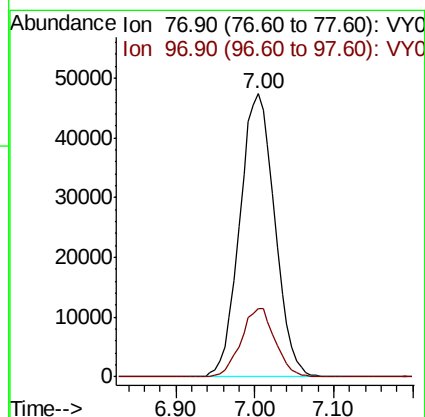
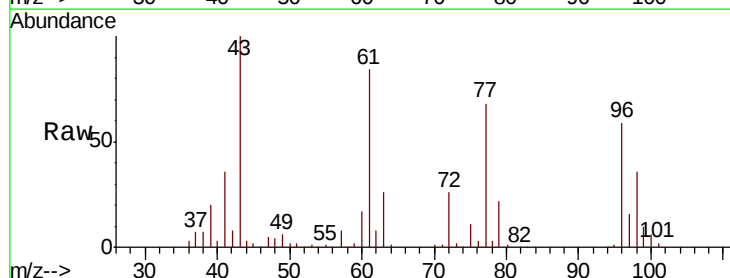
Acq: 26 Mar 2020 16:31

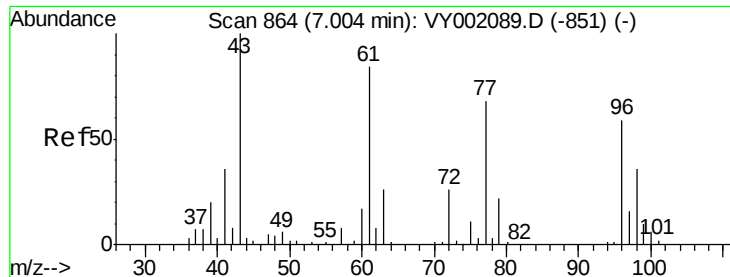
Tgt Ion: 77 Resp: 146227

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.1





#27

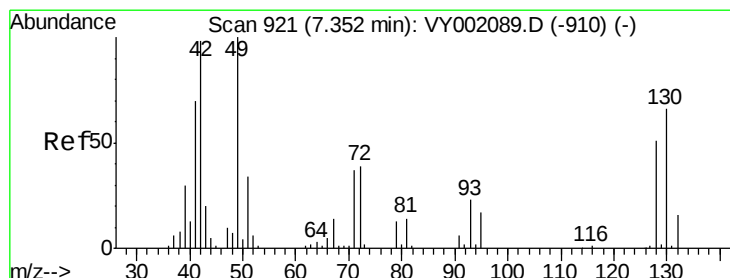
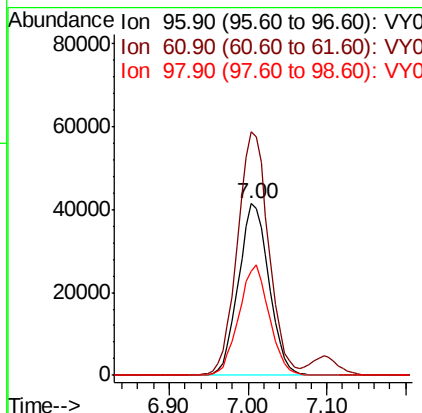
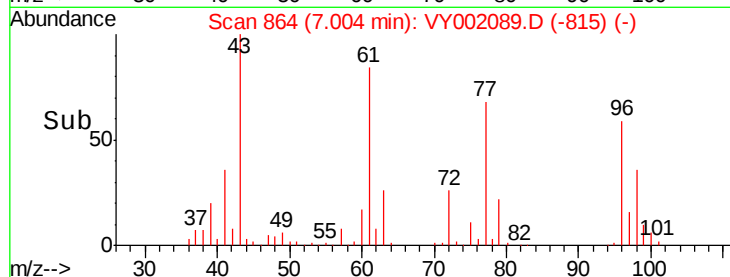
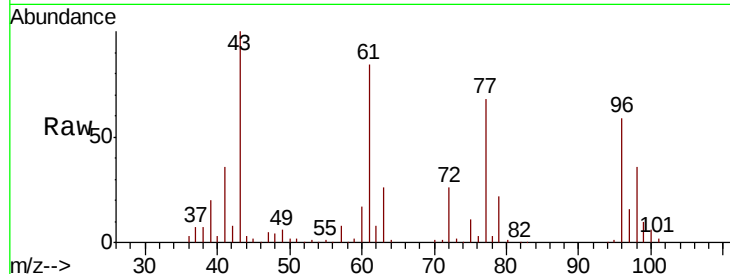
cis-1,2-Dichloroethene  
Concen: 50.181 ug/l  
RT: 7.00 min Scan# 864  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 111677 |       |       |
| 61      | 145.3 | 0.0    | 290.6 |       |
| 98      | 64.0  | 0.0    | 128.0 |       |

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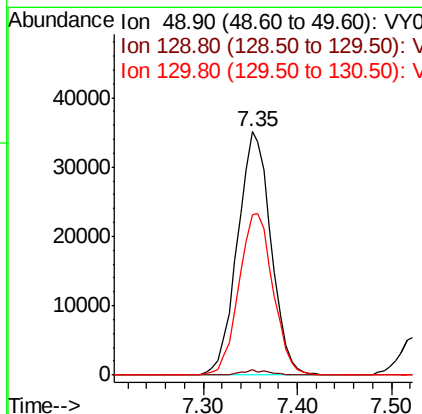
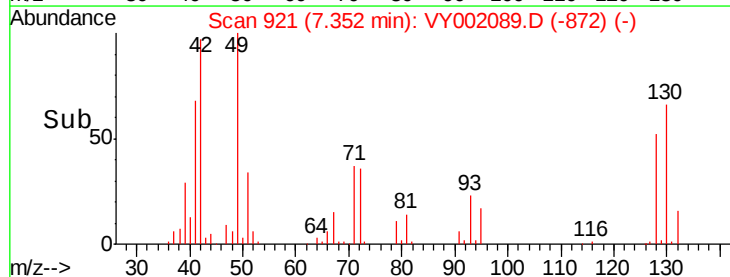
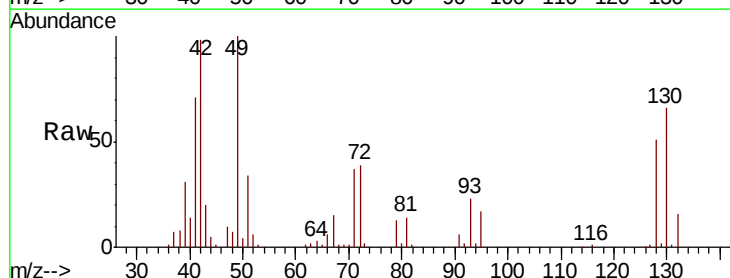
apatel  
3/27/2020 4:14:06 PM

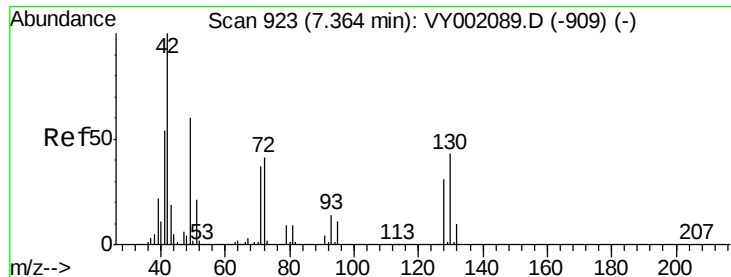


#28

Bromochloromethane  
Concen: 53.775 ug/l  
RT: 7.35 min Scan# 921  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 87243 |       |       |
| 129     | 1.7   | 0.0   | 3.4   |       |
| 130     | 67.6  | 54.1  | 81.1  |       |





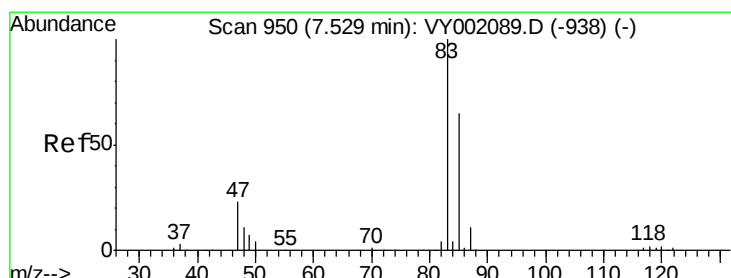
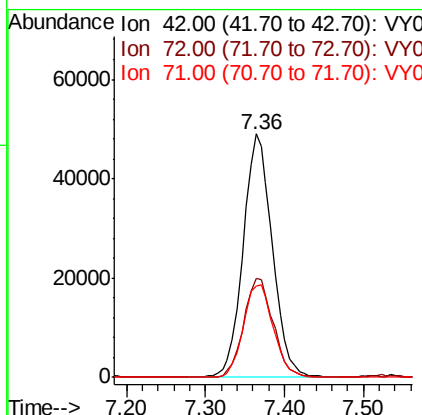
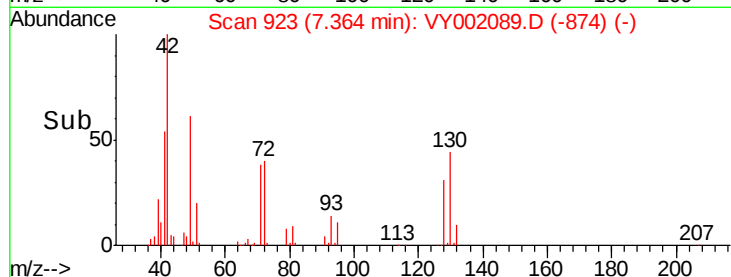
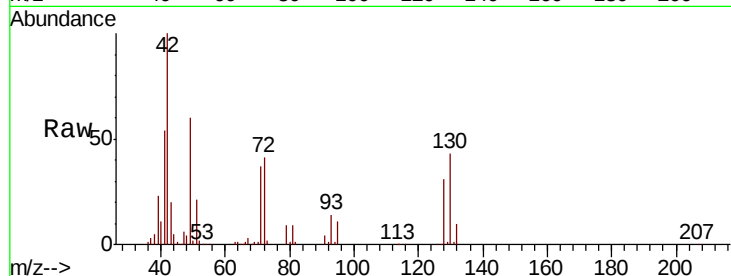
#29  
Tetrahydrofuran  
Concen: 248.198 ug/l  
RT: 7.36 min Scan# 923  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 41.2  | 33.0  | 49.4  |
| 71      | 39.0  | 31.2  | 46.8  |

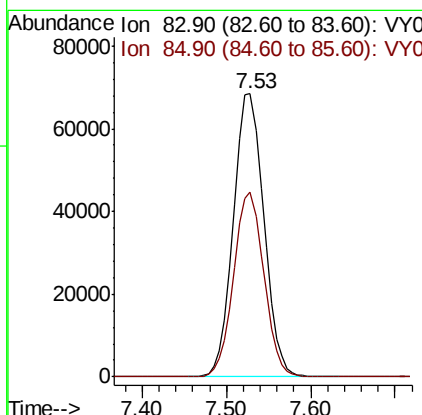
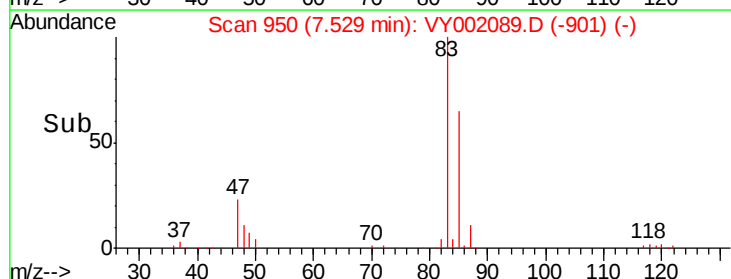
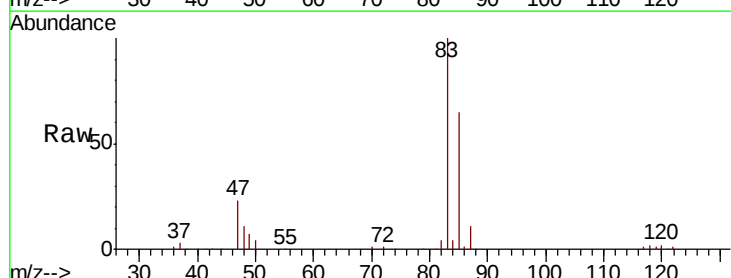
Manual Integrations  
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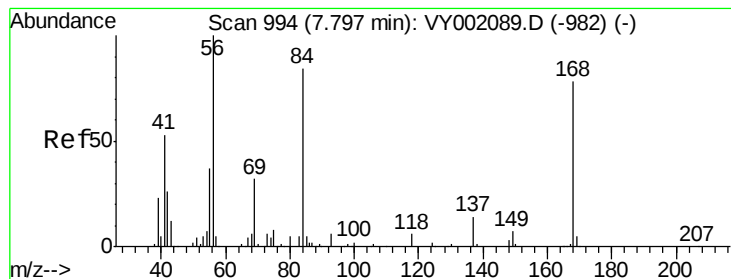
apatel  
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#30  
Chloroform  
Concen: 50.310 ug/l  
RT: 7.53 min Scan# 950  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.5  | 52.4  | 78.6  |





#31

Cyclohexane

Concen: 47.157 ug/l

RT: 7.80 min Scan# 994

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA\_Y

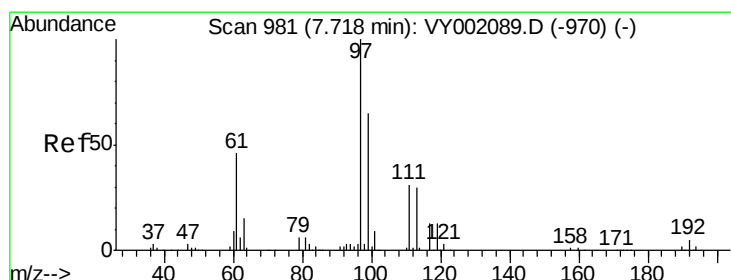
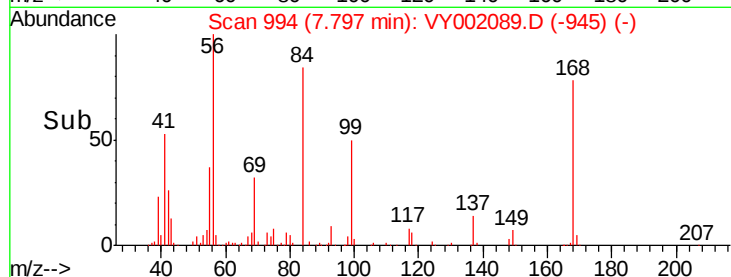
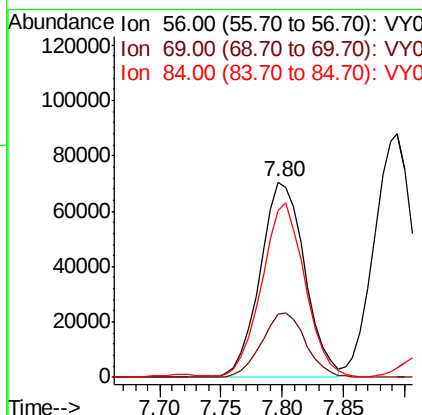
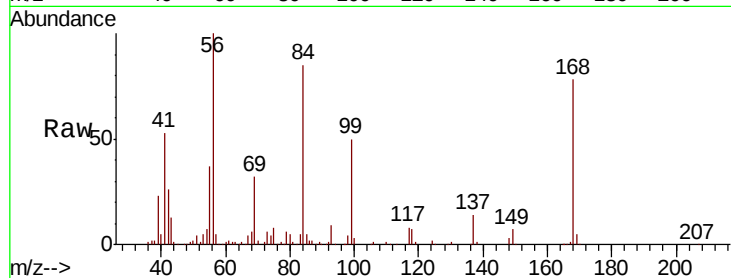
ClientSampleId :

VSTDICCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 56    | Resp: | 179208 |
| Ion      | Ratio | Lower | Upper  |
| 56       | 100   |       |        |
| 69       | 32.3  | 25.8  | 38.8   |
| 84       | 83.9  | 67.1  | 100.7  |

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#32

1,1,1-Trichloroethane

Concen: 50.370 ug/l

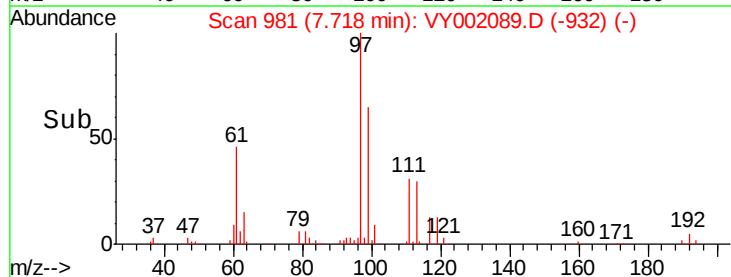
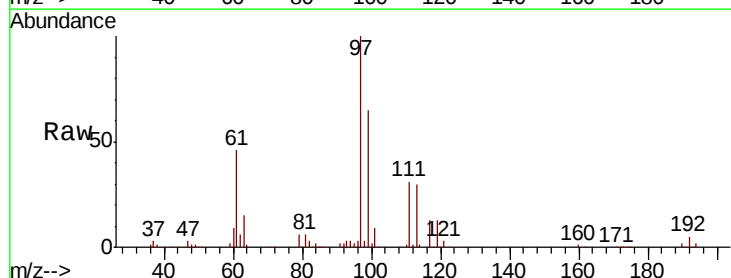
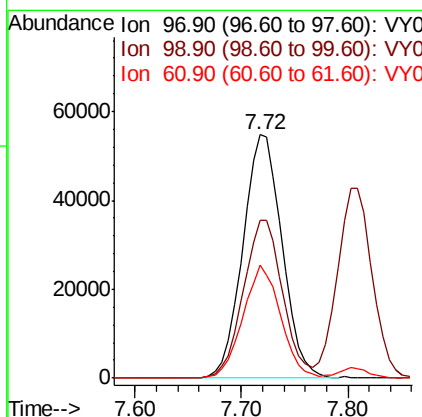
RT: 7.72 min Scan# 981

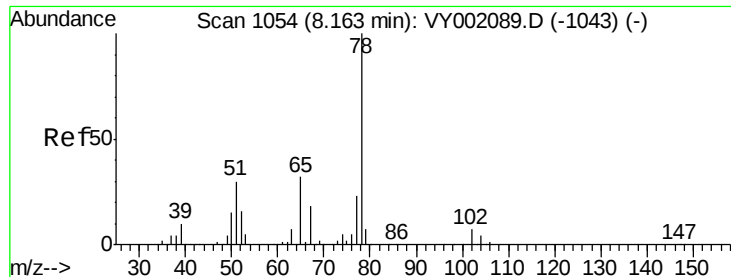
Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 141499 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 65.0  | 52.0  | 78.0   |
| 61       | 44.6  | 35.7  | 53.5   |





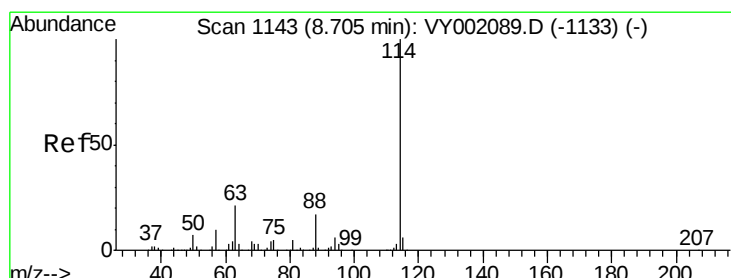
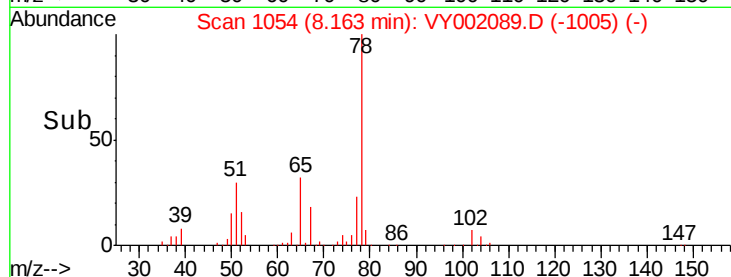
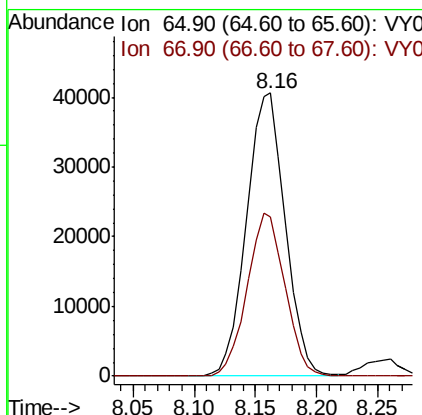
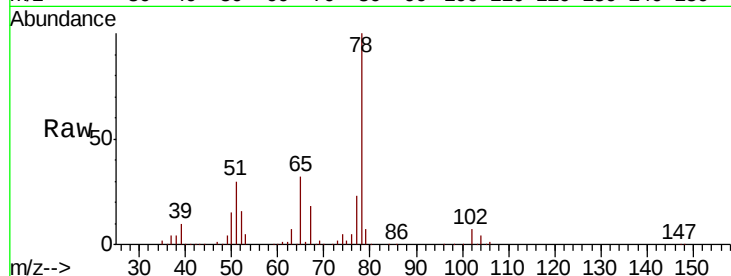
#33  
 1,2-Dichloroethane-d4  
 Concen: 50.901 ug/l  
 RT: 8.16 min Scan# 1054  
 Delta R.T. 0.00 min  
 Lab File: VY002089.D  
 Acq: 26 Mar 2020 16:31

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 65      | 100   | 89485 |       |       |
| 67      | 56.4  | 0.0   | 112.8 |       |

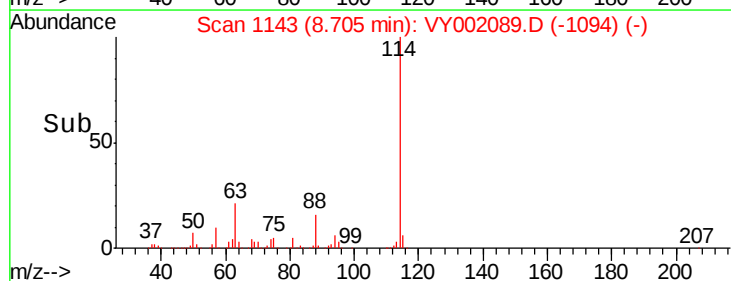
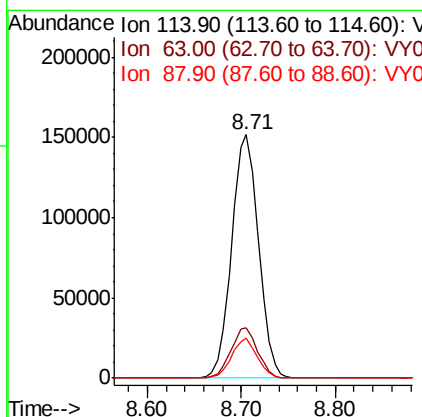
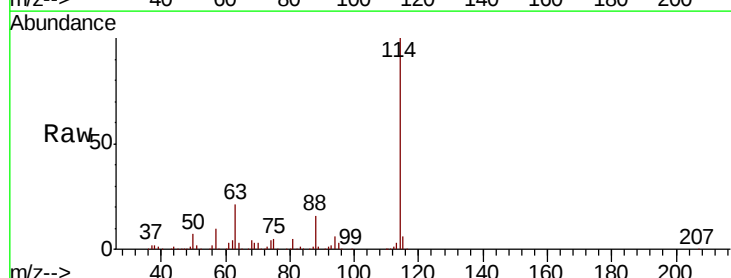
Manual Integrations  
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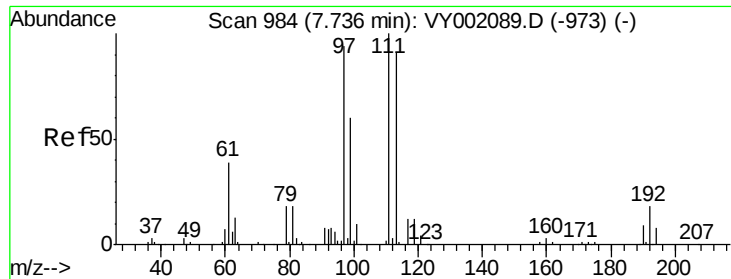
apatel  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.71 min Scan# 1143  
 Delta R.T. 0.00 min  
 Lab File: VY002089.D  
 Acq: 26 Mar 2020 16:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 299316 |       |       |
| 63      | 20.7  | 0.0    | 41.4  |       |
| 88      | 16.5  | 0.0    | 33.0  |       |





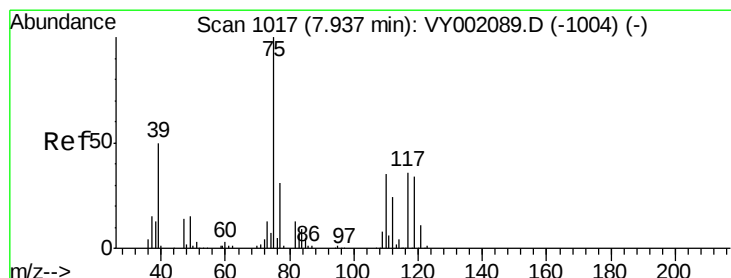
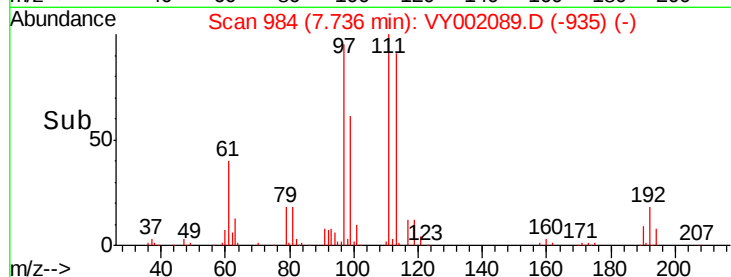
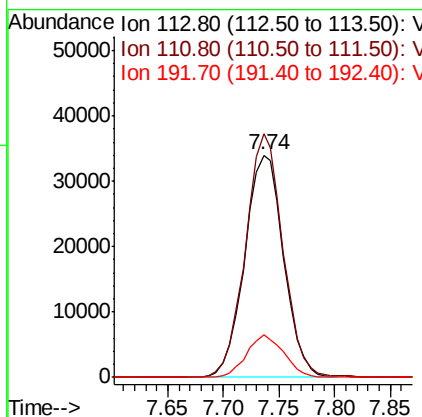
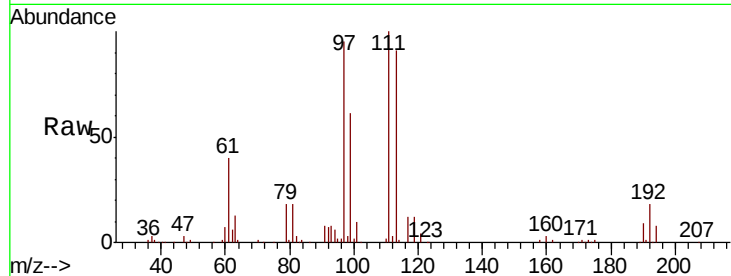
#35  
Dibromofluoromethane  
Concen: 50.385 ug/l  
RT: 7.74 min Scan# 984  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 113     | 100   | 82820 |       |       |
| 111     | 105.5 |       | 84.4  | 126.6 |
| 192     | 18.2  |       | 14.6  | 21.8  |

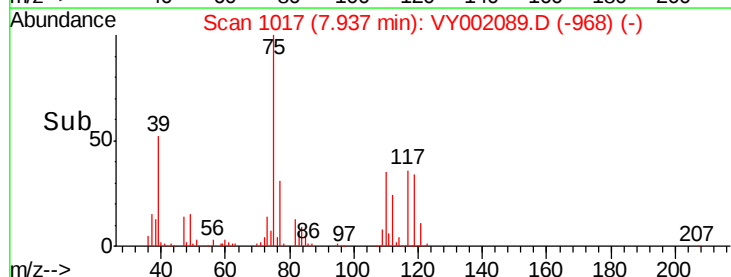
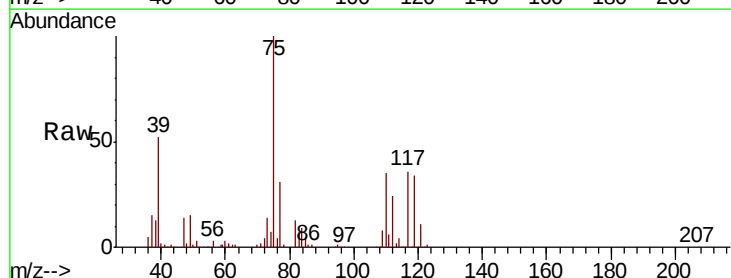
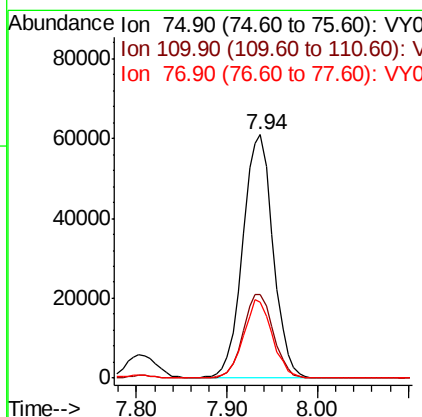
Manual Integrations  
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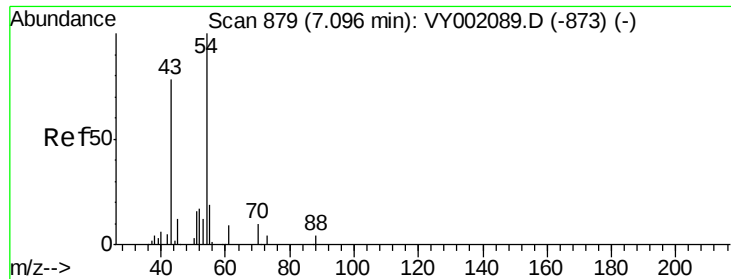
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#36  
1,1-Dichloropropene  
Concen: 49.380 ug/l  
RT: 7.94 min Scan# 1017  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 141020 |       |       |
| 110     | 34.4  |        | 17.2  | 51.6  |
| 77      | 30.9  |        | 24.7  | 37.1  |





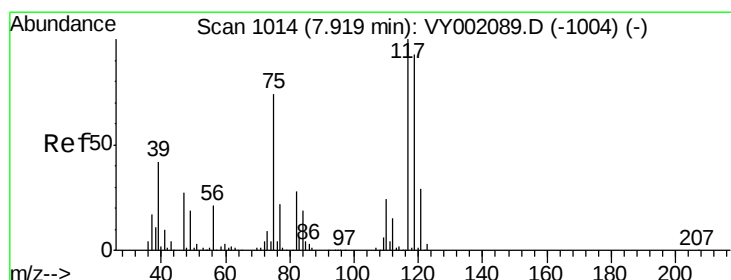
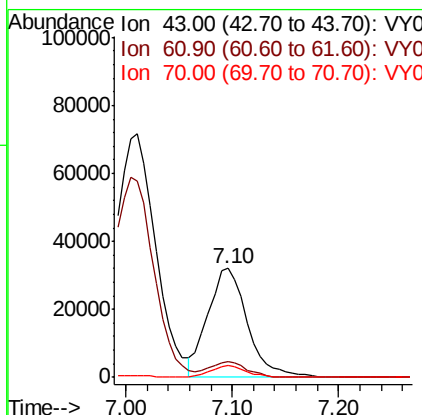
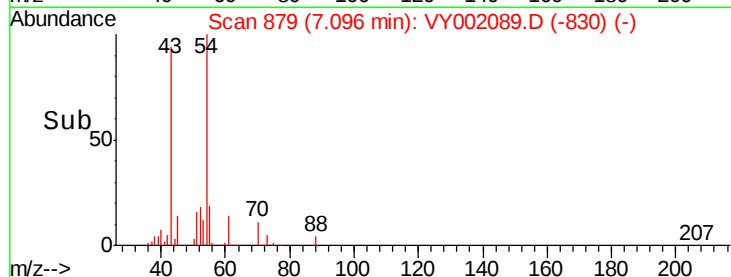
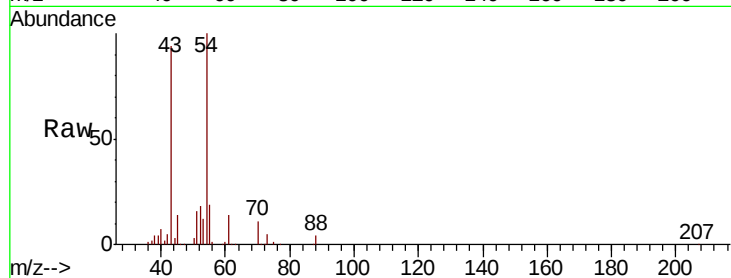
#37  
Ethyl Acetate  
Concen: 49.517 ug/l  
RT: 7.10 min Scan# 879  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.0  | 11.2  | 16.8  |
| 70      | 10.3  | 8.2   | 12.4  |

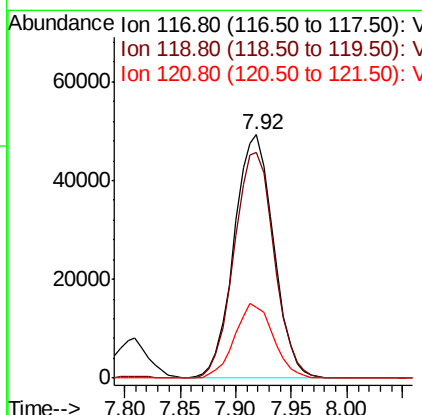
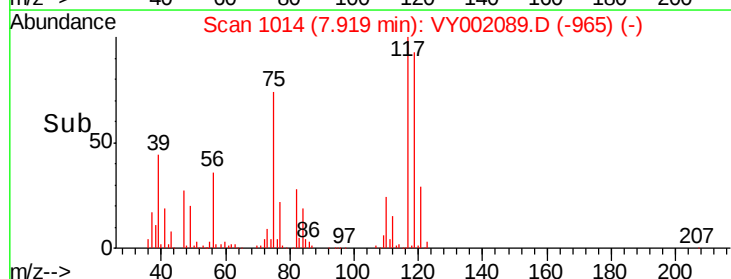
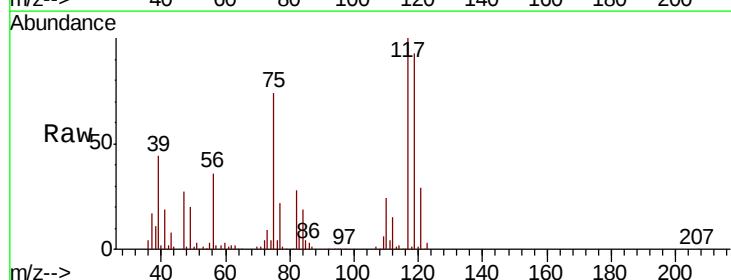
Manual Integrations  
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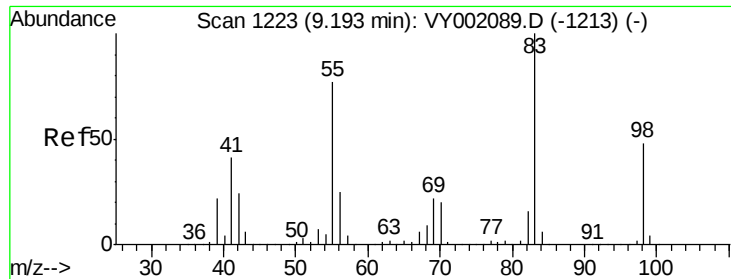
apatel  
3/27/2020 4:14:06 PM



#38  
Carbon Tetrachloride  
Concen: 49.650 ug/l  
RT: 7.92 min Scan# 1014  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 92.9  | 74.3  | 111.5 |
| 121     | 29.1  | 23.3  | 34.9  |





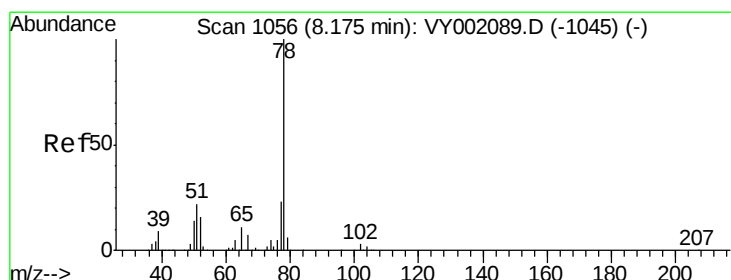
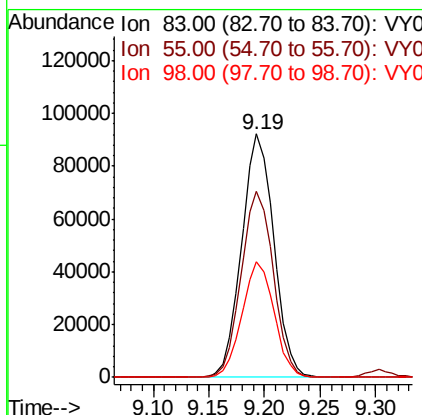
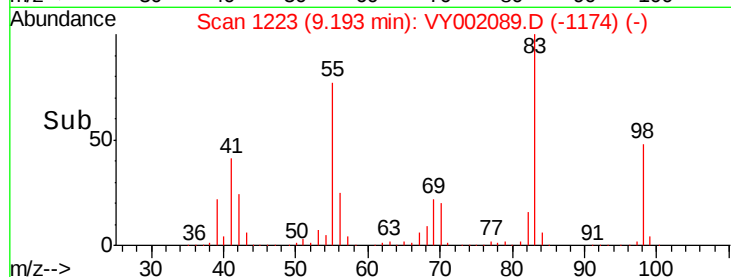
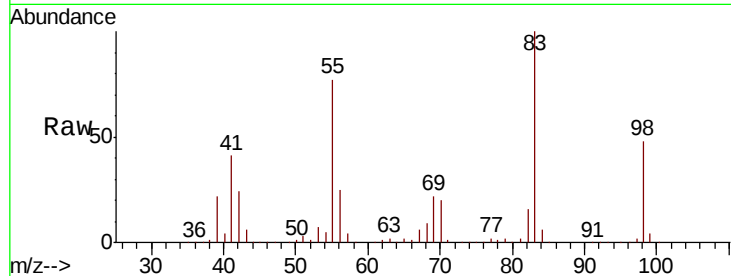
#39  
Methvlcvclohexane  
Concen: 48.963 ug/l  
RT: 9.19 min Scan# 1223  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 76.5  | 61.2  | 91.8  |
| 98      | 47.7  | 38.2  | 57.2  |

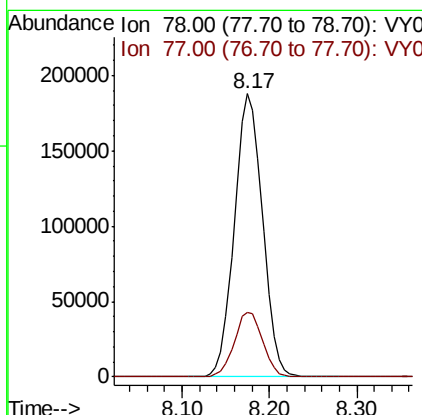
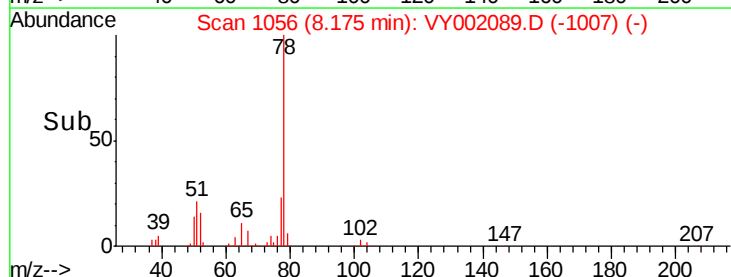
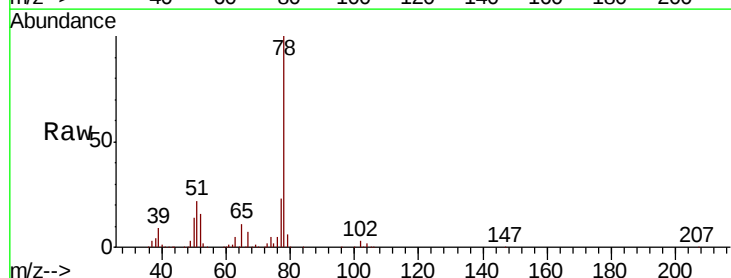
Manual Integrations  
APPROVED

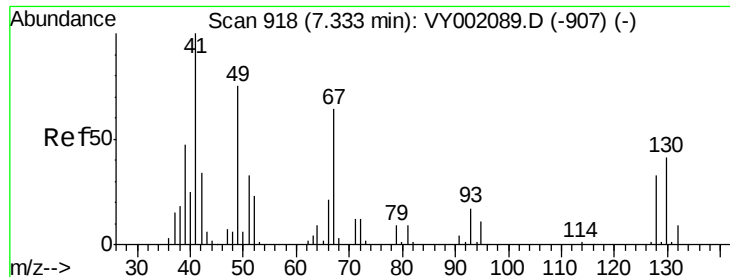
apatel  
3/27/2020 4:14:06 PM



#40  
Benzene  
Concen: 49.544 ug/l  
RT: 8.17 min Scan# 1056  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 22.8  | 18.2  | 27.4  |





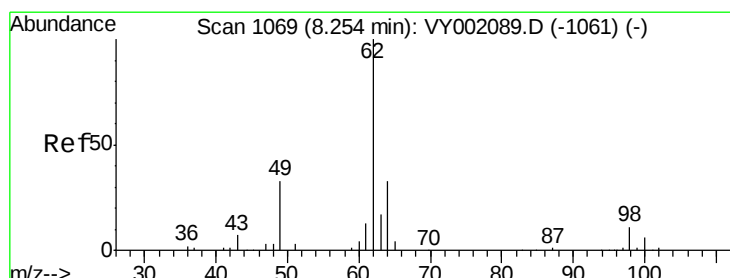
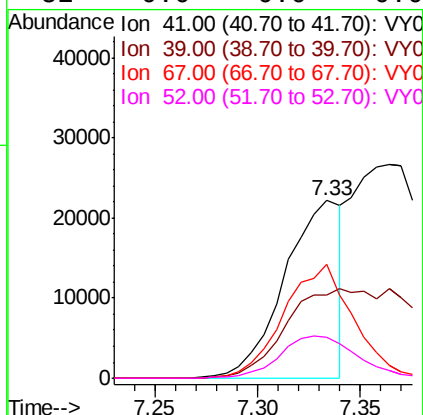
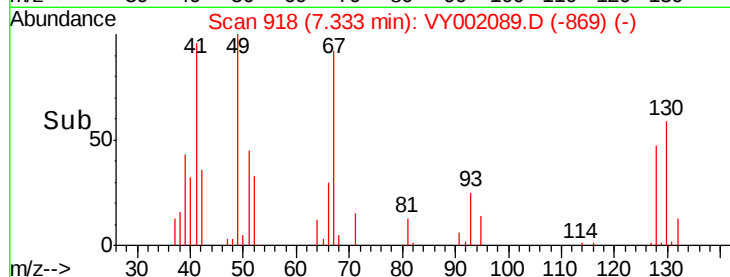
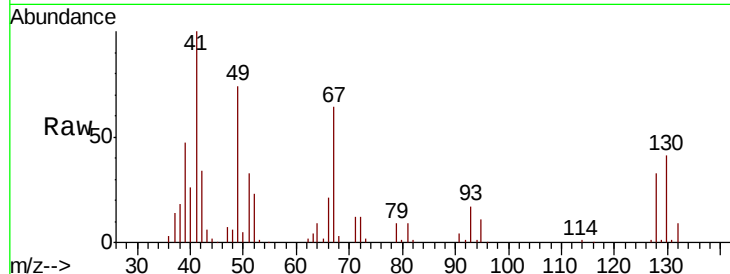
#41  
Methacrylonitrile  
Concen: 55.547 ug/l m  
RT: 7.33 min Scan# 918  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

| Tot Ion | 41    | Resp  | 42834 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 41      | 100   |       |       |
| 39      | 0.0   | 0.0   | 0.0   |
| 67      | 0.0   | 0.0   | 0.0   |
| 52      | 0.0   | 0.0   | 0.0   |

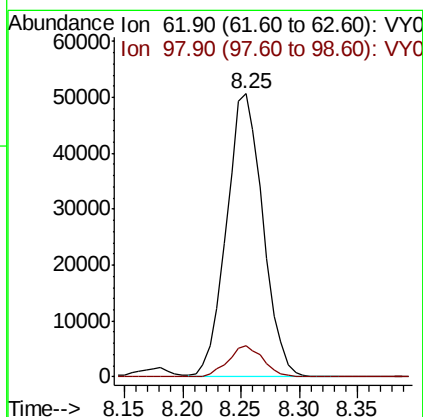
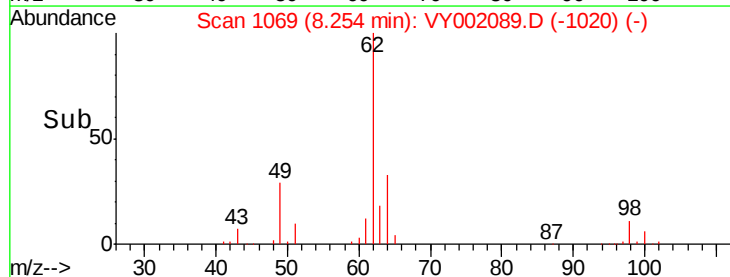
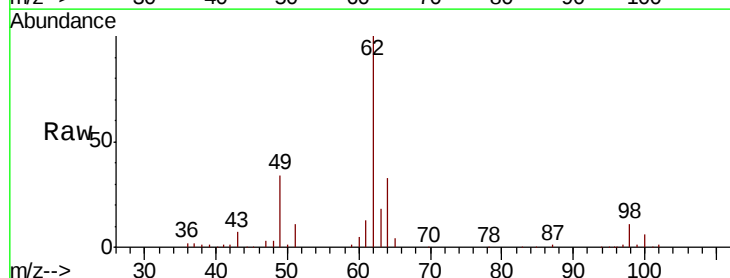
Manual Integrations  
APPROVED

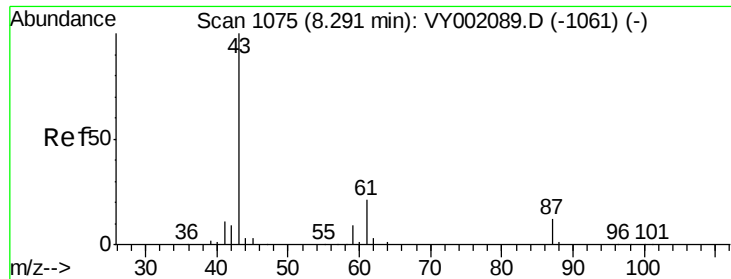
apatel  
3/27/2020 4:14:06 PM



#42  
1,2-Dichloroethane  
Concen: 50.400 ug/l  
RT: 8.25 min Scan# 1069  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

| Tgt Ion | 62    | Resp  | 110238 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 62      | 100   |       |        |
| 98      | 10.6  | 0.0   | 21.2   |





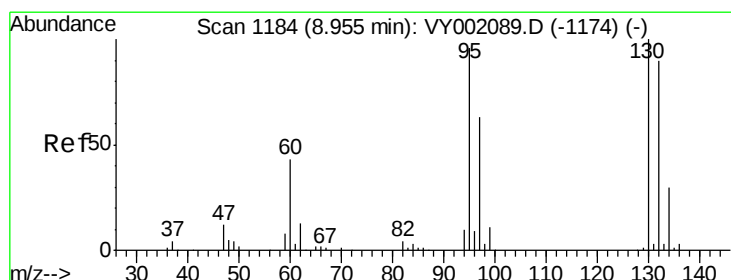
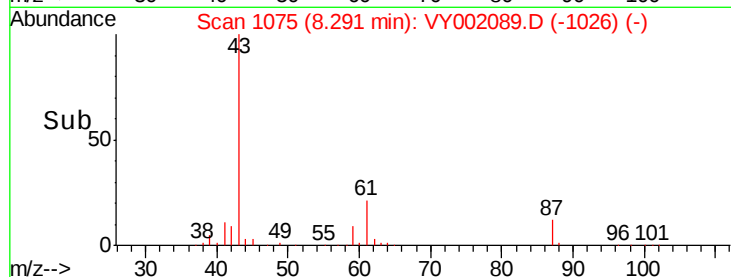
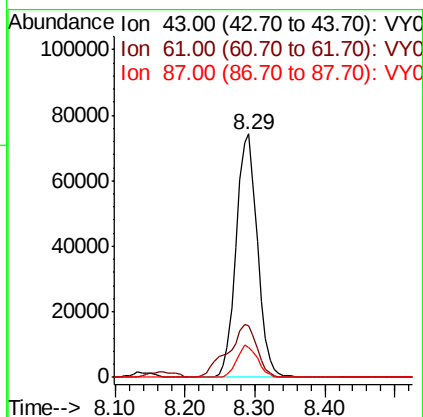
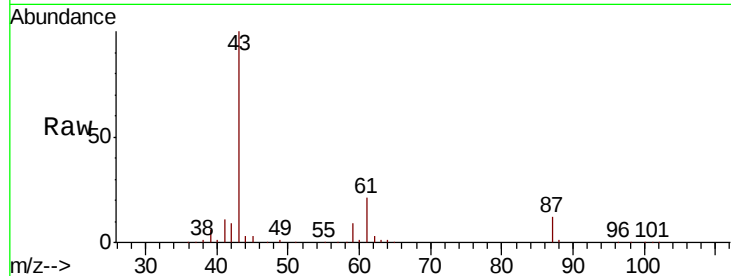
#43  
Isopropyl Acetate  
Concen: 50.062 ug/l  
RT: 8.29 min Scan# 1075  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 29.3  | 23.4  | 35.2  |
| 87      | 12.8  | 10.2  | 15.4  |

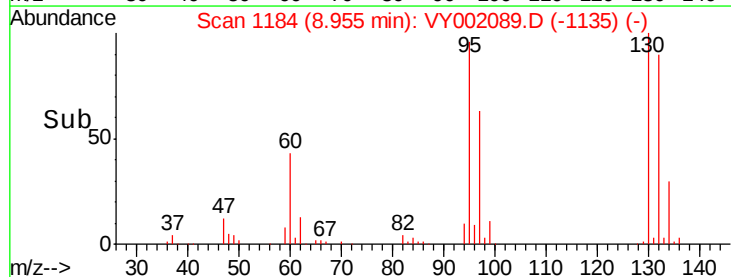
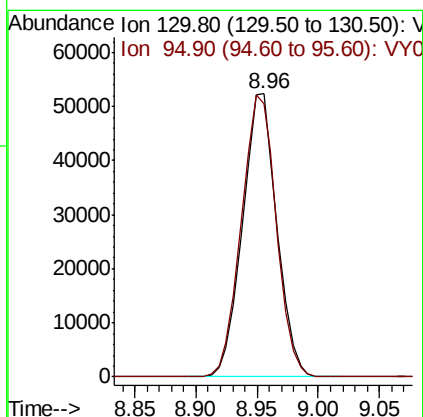
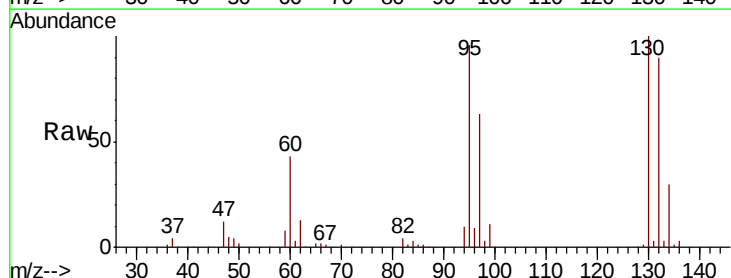
Manual Integrations  
APPROVED

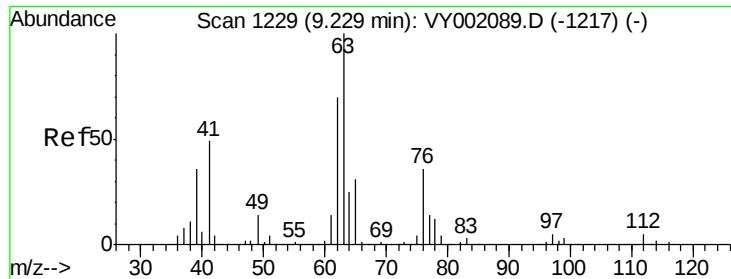
apatel  
3/27/2020 4:14:06 PM



#44  
Trichloroethene  
Concen: 49.399 ug/l  
RT: 8.96 min Scan# 1184  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 96.5  | 0.0   | 193.0 |





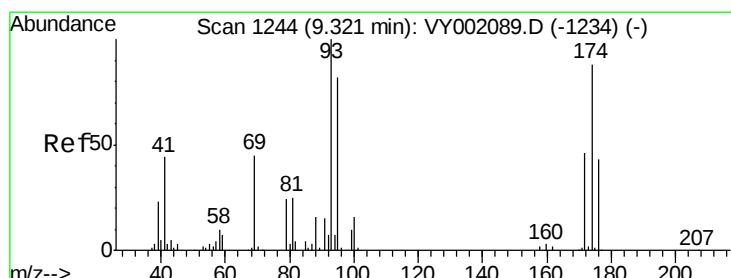
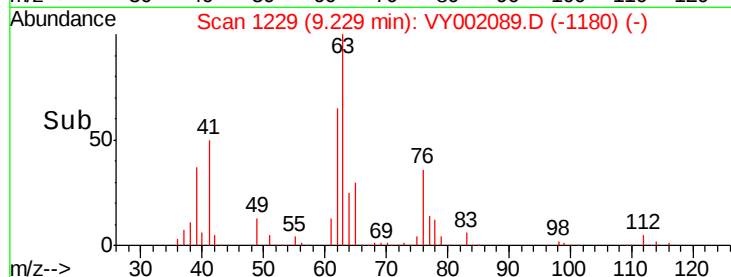
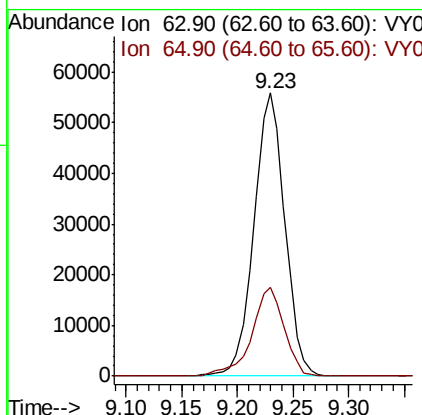
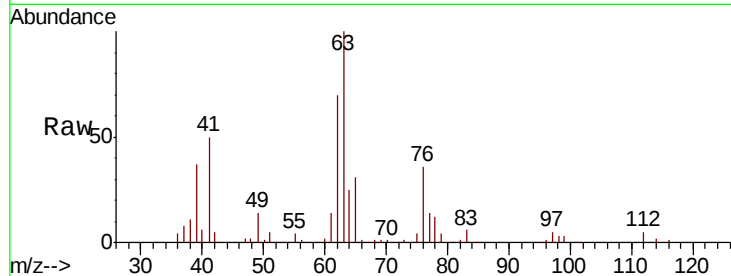
#45  
 1,2-Dichloropropane  
 Concen: 50.505 ug/l  
 RT: 9.23 min Scan# 1229  
 Delta R.T. 0.00 min  
 Lab File: VY002089.D  
 Acq: 26 Mar 2020 16:31

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

Tot Ion: 63 Resp: 107868  
 Ion Ratio Lower Upper  
 63 100  
 65 31.3 25.0 37.6

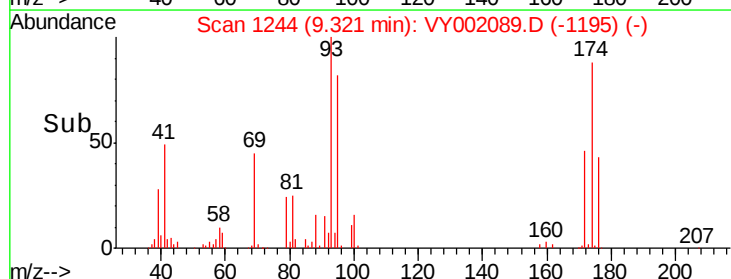
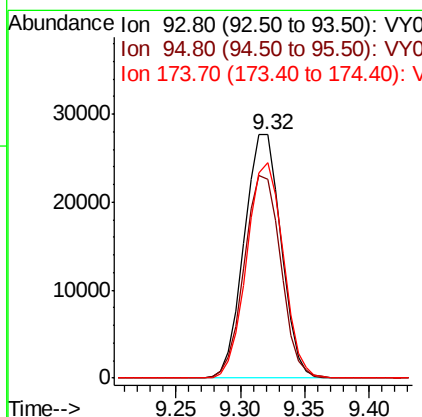
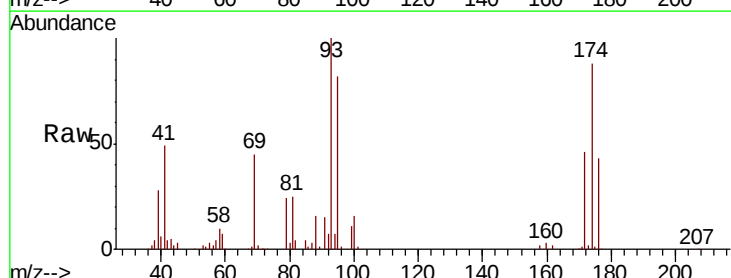
Manual Integrations  
 APPROVED

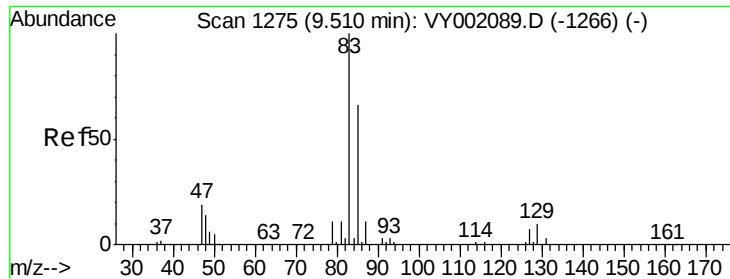
apatel  
 3/27/2020 4:14:06 PM



#46  
 Dibromomethane  
 Concen: 49.886 ug/l  
 RT: 9.32 min Scan# 1244  
 Delta R.T. 0.00 min  
 Lab File: VY002089.D  
 Acq: 26 Mar 2020 16:31

Tgt Ion: 93 Resp: 54904  
 Ion Ratio Lower Upper  
 93 100  
 95 82.5 66.0 99.0  
 174 87.3 69.8 104.8





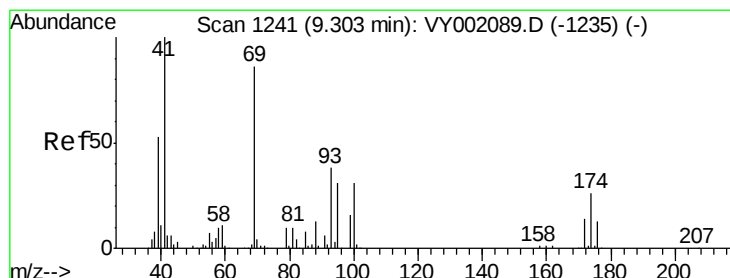
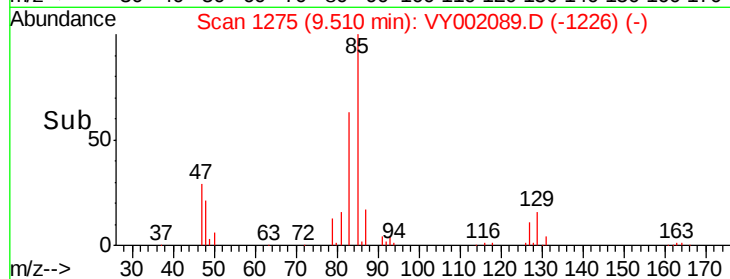
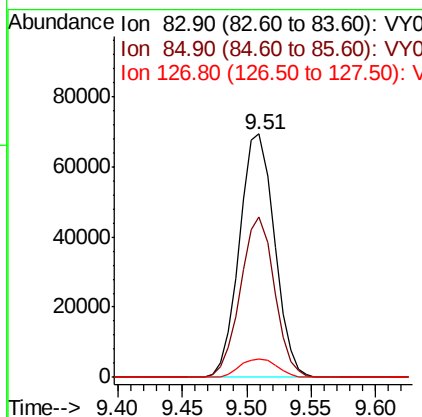
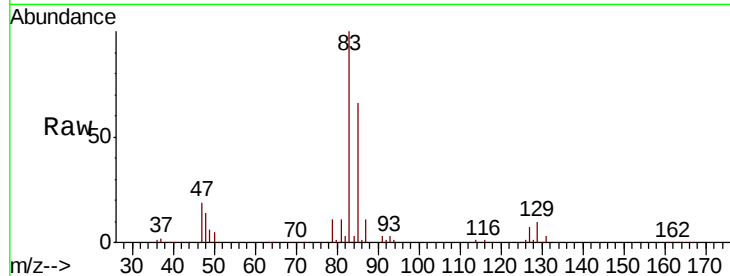
#47  
 Bromodichloromethane  
 Concen: 51.012 ug/l  
 RT: 9.51 min Scan# 1275  
 Delta R.T. 0.00 min  
 Lab File: VY002089.D  
 Acq: 26 Mar 2020 16:31

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion   | 83   | Resp  | 130747 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 83        | 100  |       |        |
| 85        | 65.8 | 52.6  | 79.0   |
| 127       | 7.4  | 5.9   | 8.9    |

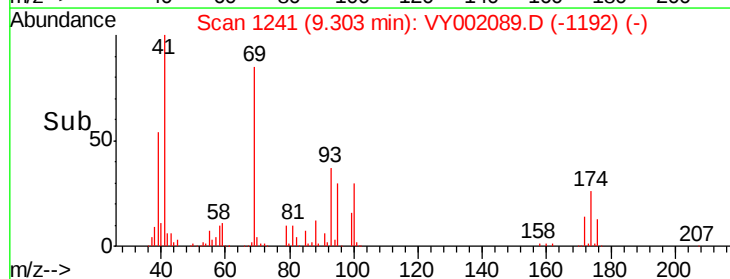
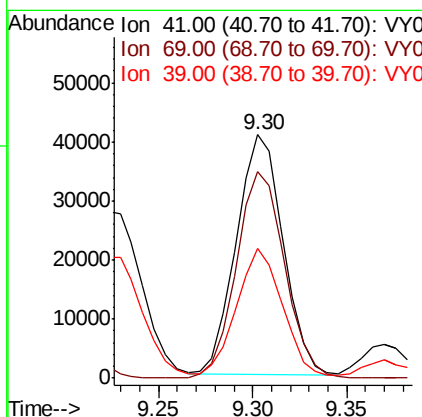
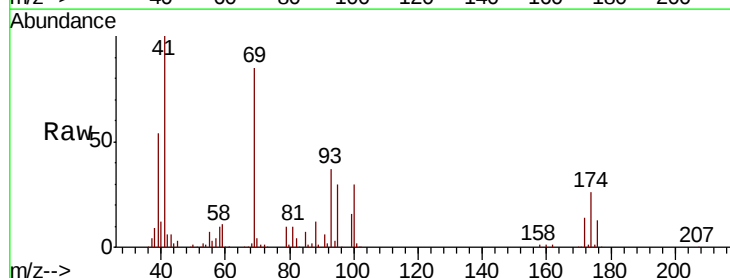
Manual Integrations  
 APPROVED

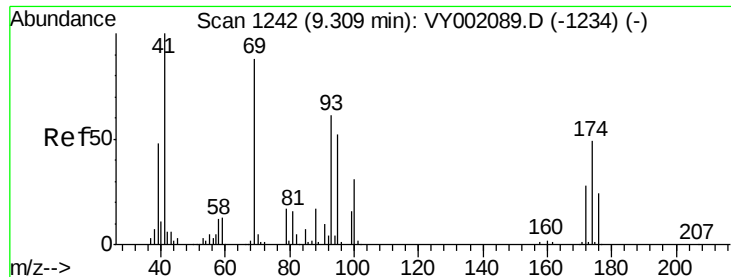
apatel  
 3/27/2020 4:14:06 PM



#48  
 Methyl methacrylate  
 Concen: 50.440 ug/l  
 RT: 9.30 min Scan# 1241  
 Delta R.T. 0.00 min  
 Lab File: VY002089.D  
 Acq: 26 Mar 2020 16:31

| Tgt Ion   | 41   | Resp  | 69893 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 41        | 100  |       |       |
| 69        | 89.2 | 71.4  | 107.0 |
| 39        | 51.2 | 41.0  | 61.4  |





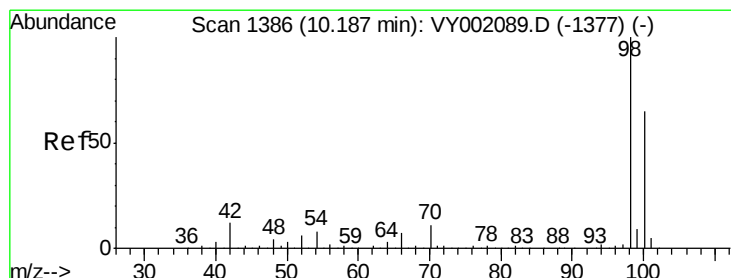
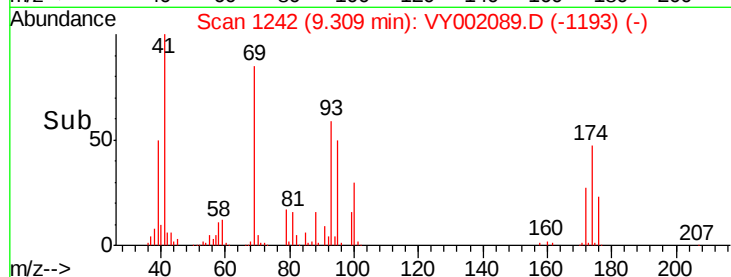
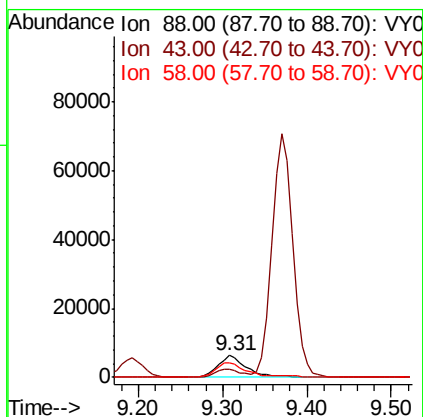
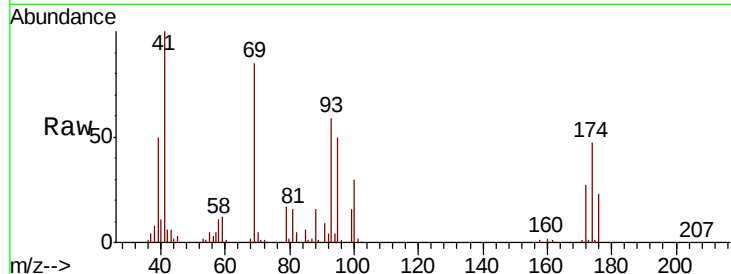
#49  
1,4-Dioxane  
Concen: 1001.360 ug/l  
RT: 9.31 min Scan# 1242  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 34.0  | 27.2  | 40.8  |
| 58      | 74.8  | 59.8  | 89.8  |

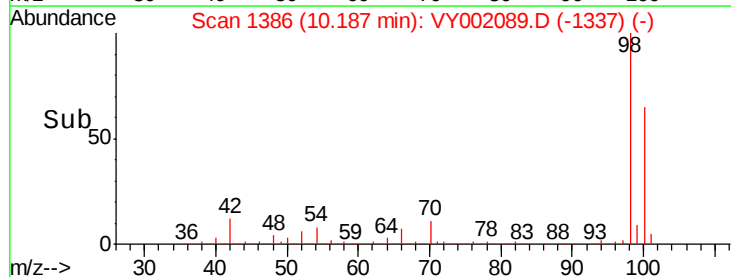
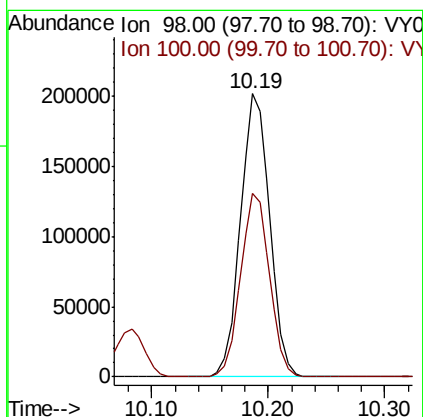
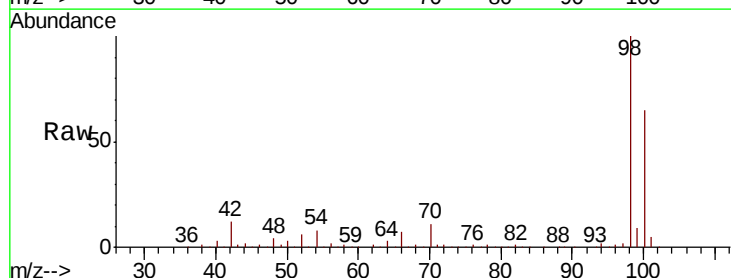
Manual Integrations  
APPROVED

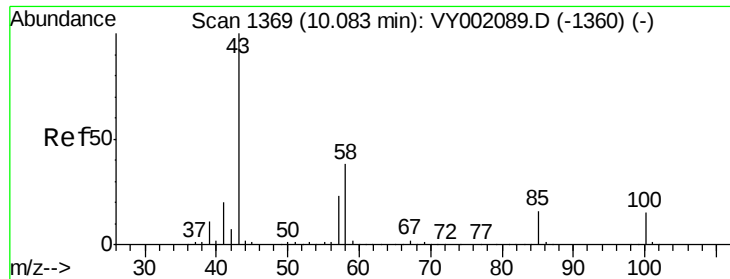
apatel  
3/27/2020 4:14:06 PM



#50  
Toluene-d8  
Concen: 50.741 ug/l  
RT: 10.19 min Scan# 1386  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.5  | 51.6  | 77.4  |





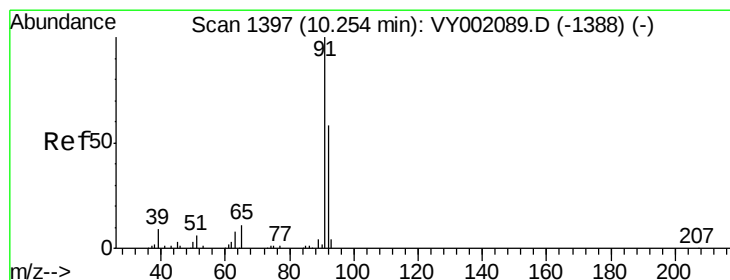
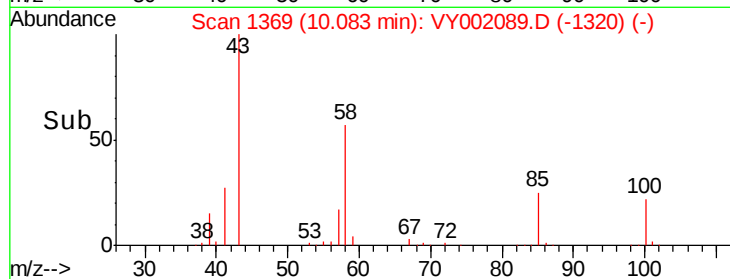
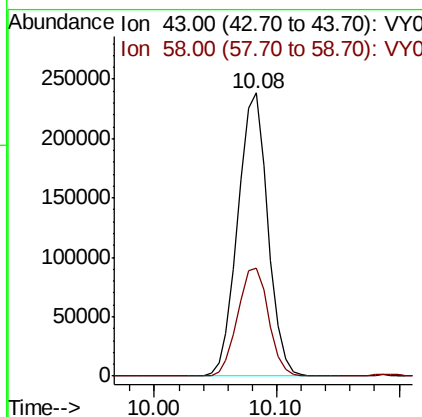
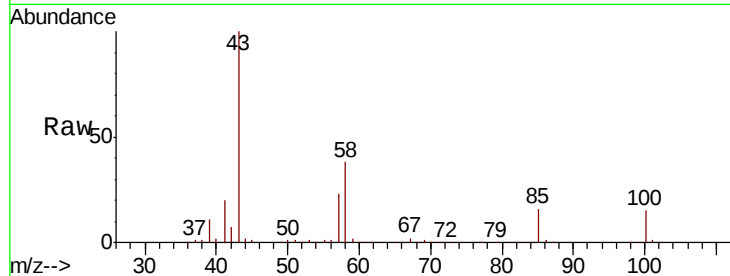
#51  
4-Methyl-2-Pentanone  
Concen: 249.972 ug/l  
RT: 10.08 min Scan# 1369  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Instrument :  
MSVOA\_Y  
ClientSampled :  
VSTDICCC050

| Tot Ion | 43   | 58 | Ratio | Lower | Upper |
|---------|------|----|-------|-------|-------|
| 43      | 100  |    |       |       |       |
| 58      | 39.5 |    | 31.6  | 47.4  |       |

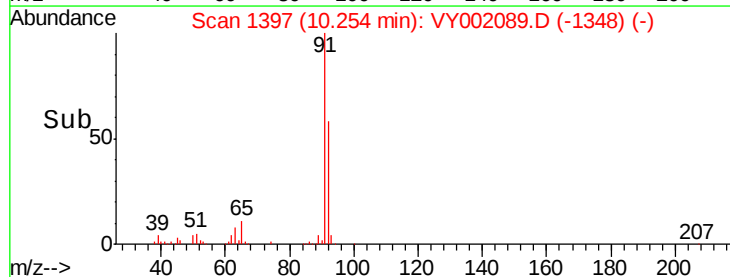
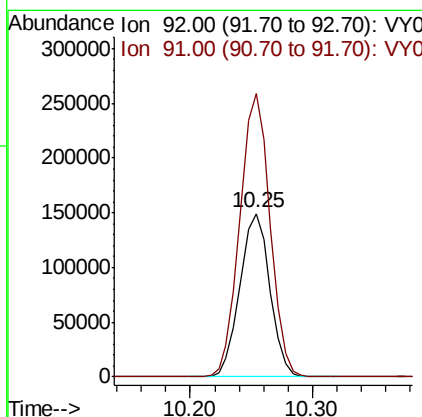
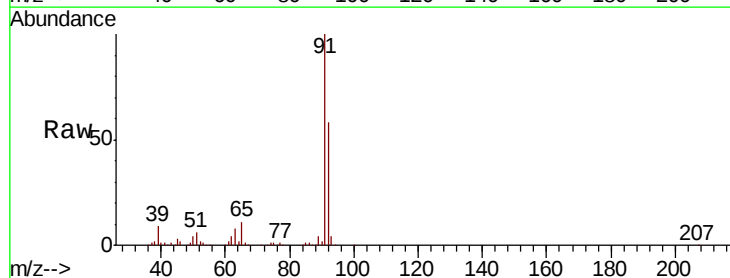
Manual Integrations  
APPROVED

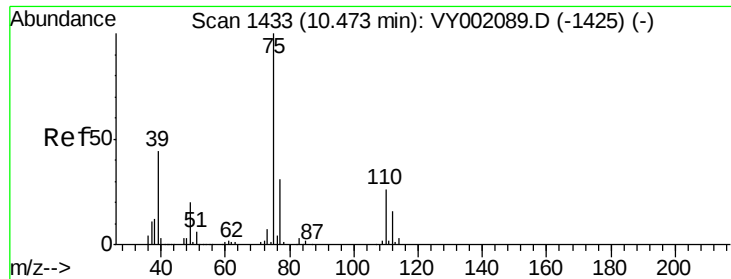
apatel  
3/27/2020 4:14:06 PM



#52  
Toluene  
Concen: 49.369 ug/l  
RT: 10.25 min Scan# 1397  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

| Tgt Ion | 92    | 91 | Ratio | Lower | Upper |
|---------|-------|----|-------|-------|-------|
| 92      | 100   |    |       |       |       |
| 91      | 174.1 |    | 139.3 | 208.9 |       |





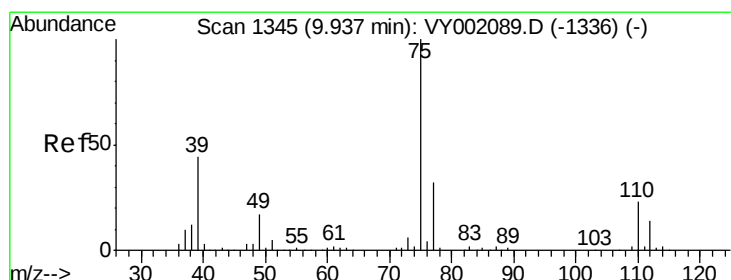
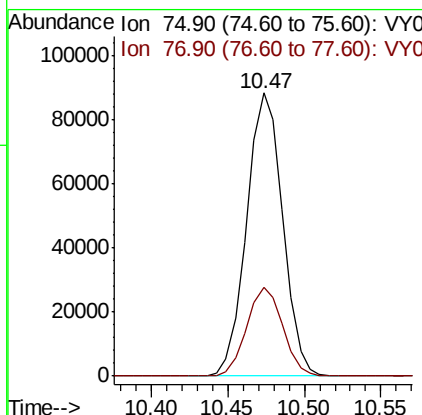
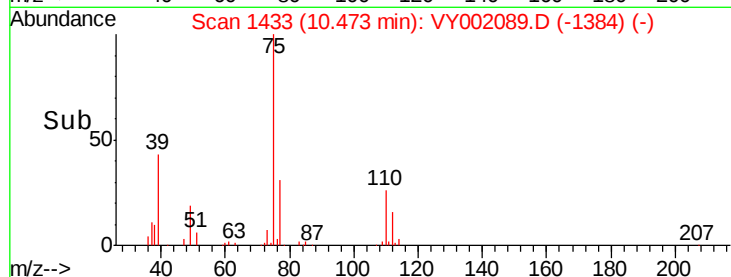
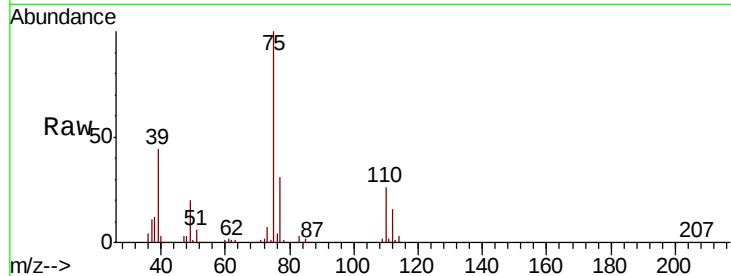
#53  
t-1,3-Dichloropropene  
Concen: 51.898 ug/l  
RT: 10.47 min Scan# 1433  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Tot Ion: 75 Resp: 144785  
Ion Ratio Lower Upper  
75 100  
77 31.5 25.2 37.8

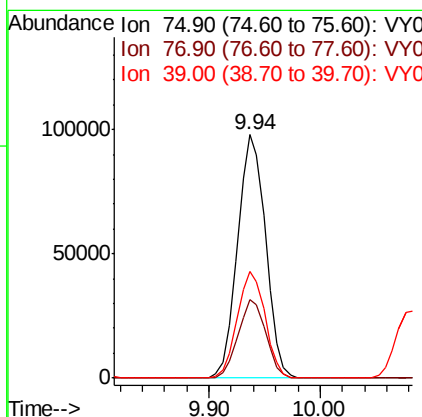
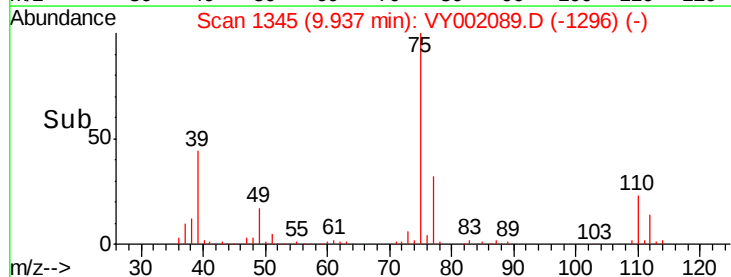
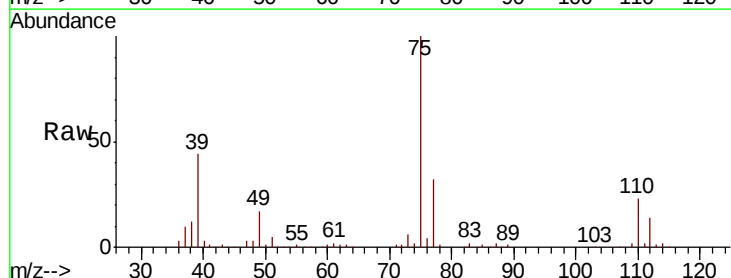
Manual Integrations  
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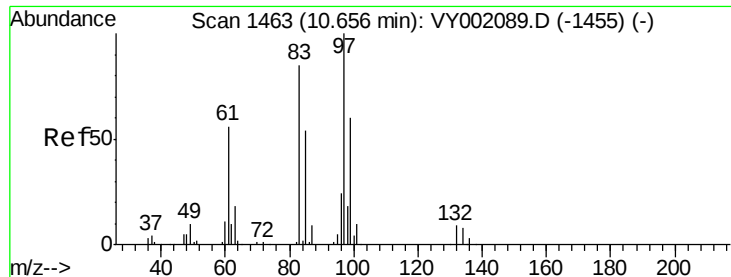
apatel  
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#54  
cis-1,3-Dichloropropene  
Concen: 51.247 ug/l  
RT: 9.94 min Scan# 1345  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Tgt Ion: 75 Resp: 170198  
Ion Ratio Lower Upper  
75 100  
77 32.0 25.6 38.4  
39 44.0 35.2 52.8





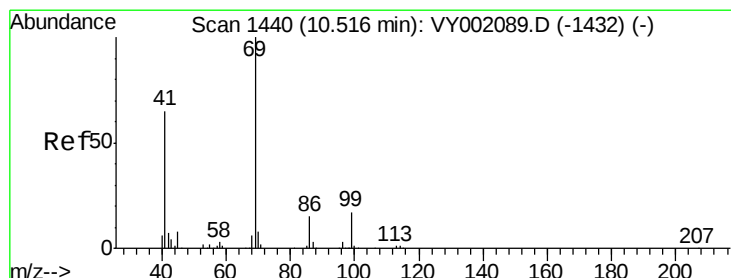
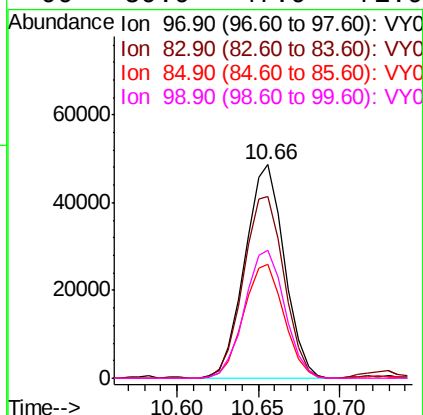
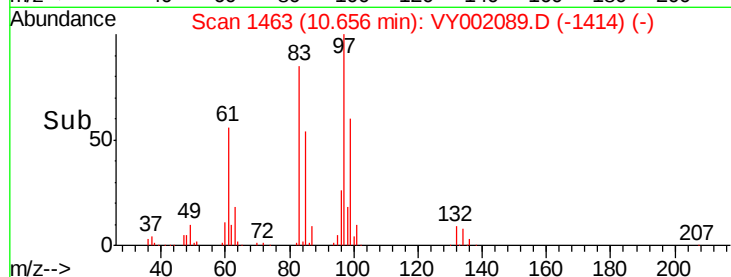
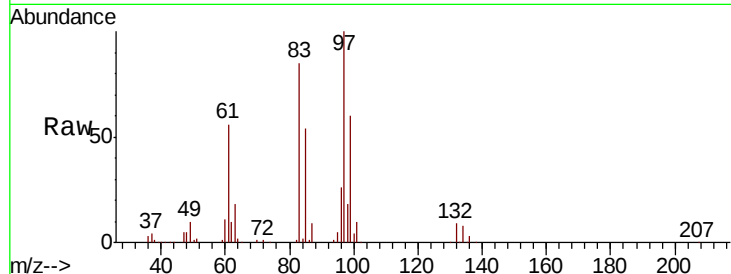
#55  
 1,1,2-Trichloroethane  
 Concen: 50.891 ug/l  
 RT: 10.66 min Scan# 1463  
 Delta R.T. 0.00 min  
 Lab File: VY002089.D  
 Acq: 26 Mar 2020 16:31

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 85.2  | 68.2  | 102.2 |
| 85      | 53.6  | 42.9  | 64.3  |
| 99      | 59.9  | 47.9  | 71.9  |

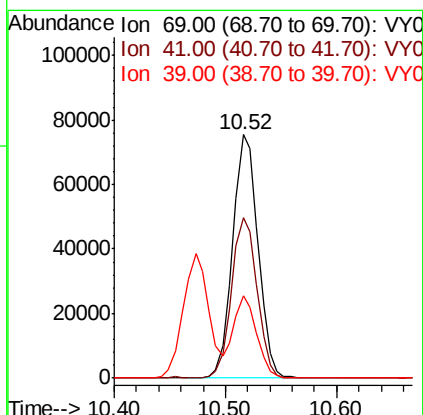
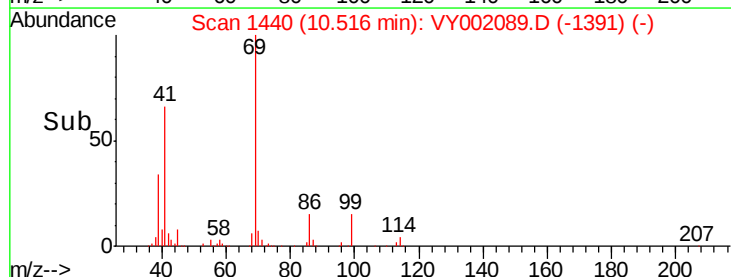
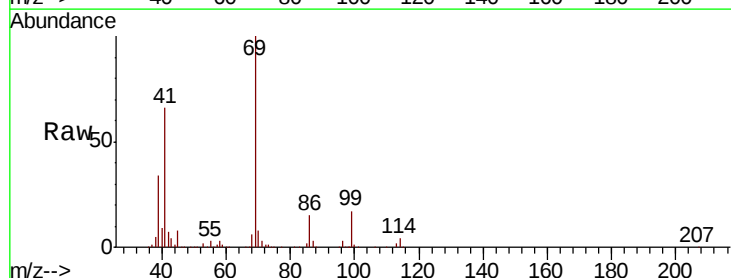
Manual Integrations  
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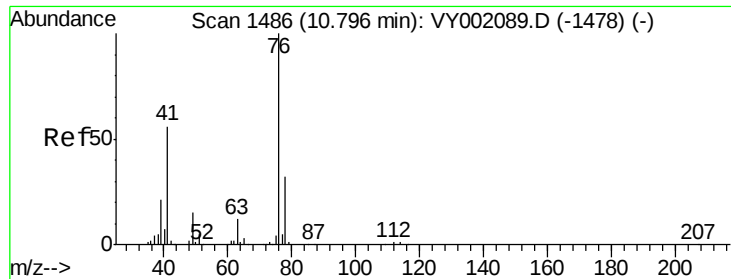
apatel  
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#56  
 Ethyl methacrylate  
 Concen: 50.660 ug/l  
 RT: 10.52 min Scan# 1440  
 Delta R.T. 0.00 min  
 Lab File: VY002089.D  
 Acq: 26 Mar 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 66.0  | 52.8  | 79.2  |
| 39      | 31.3  | 25.0  | 37.6  |





#57

1,3-Dichloropropane

Concen: 50.038 ug/l

RT: 10.80 min Scan# 1486

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 143771

Ion Ratio Lower Upper

76 100

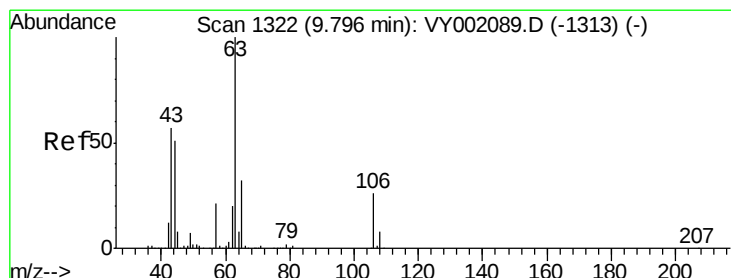
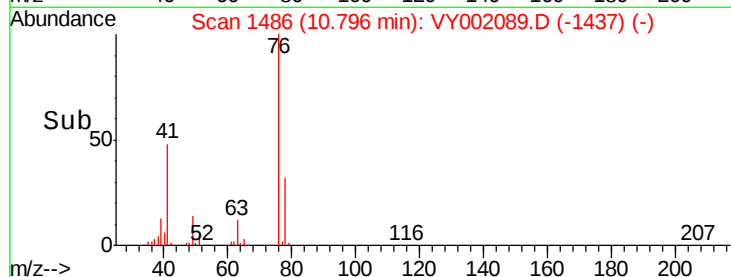
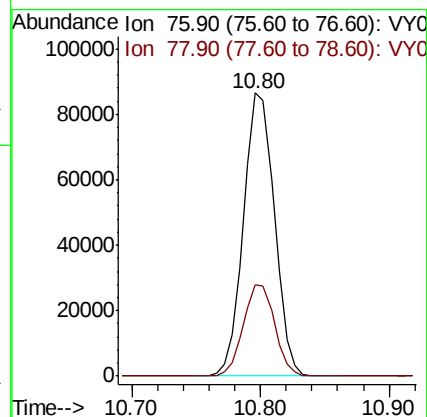
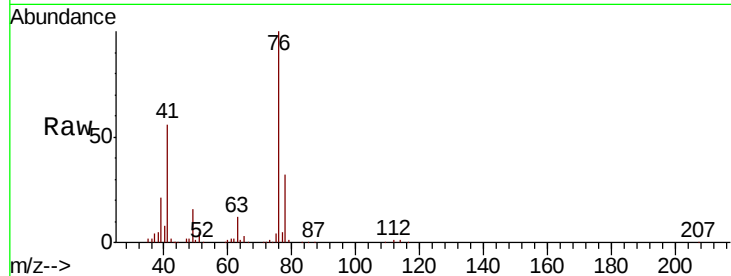
78 32.6 26.1 39.1

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 299.005 ug/l

RT: 9.80 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VY002089.D

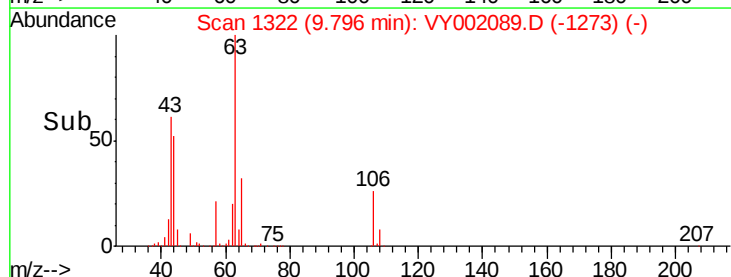
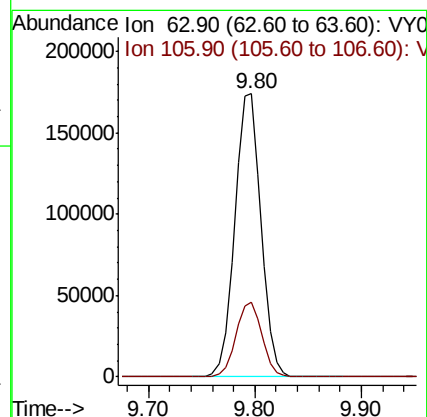
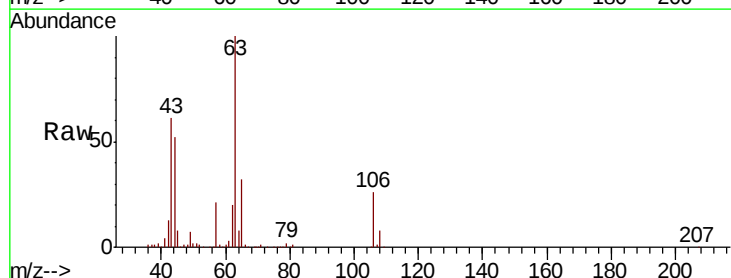
Acq: 26 Mar 2020 16:31

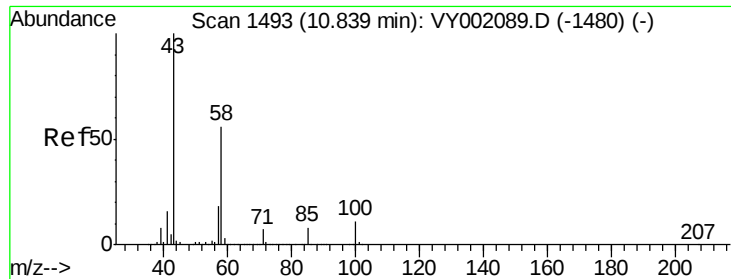
Tgt Ion: 63 Resp: 299272

Ion Ratio Lower Upper

63 100

106 26.2 21.0 31.4





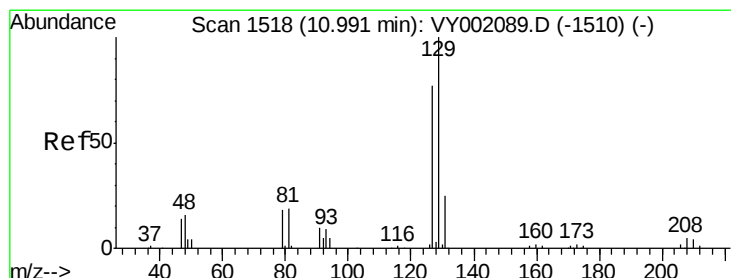
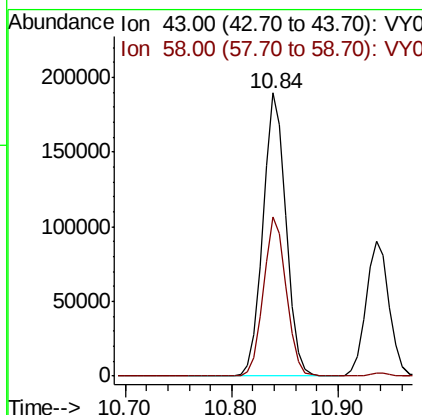
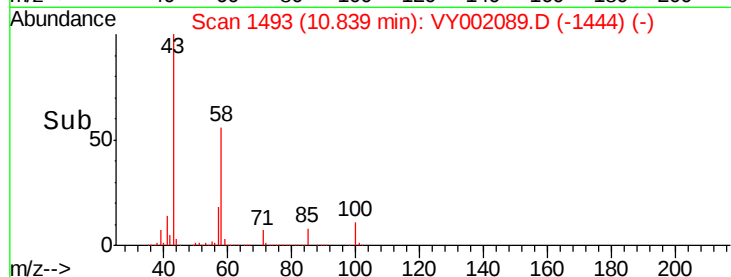
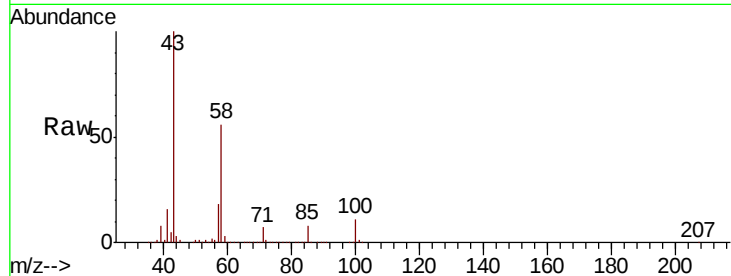
#59  
2-Hexanone  
Concen: 249.430 ug/l  
RT: 10.84 min Scan# 1493  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Tot Ion: 43 Resp: 287585  
Ion Ratio Lower Upper  
43 100  
58 55.7 27.9 83.6

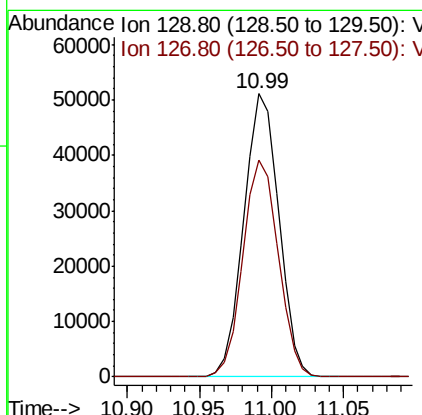
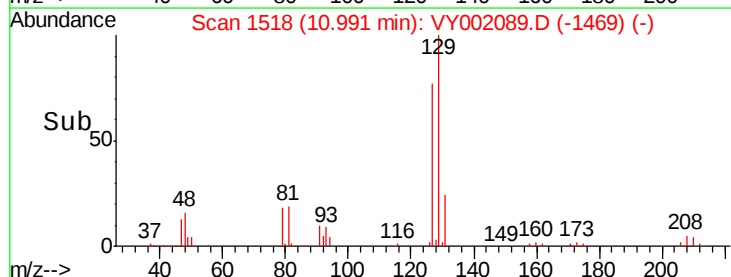
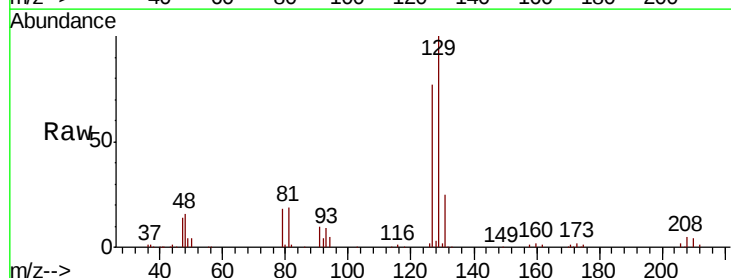
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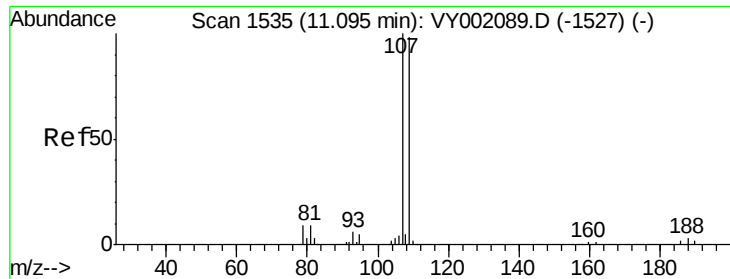
apatel  
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#60  
Dibromochloromethane  
Concen: 50.908 ug/l  
RT: 10.99 min Scan# 1518  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Tgt Ion: 129 Resp: 86163  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.7 116.1





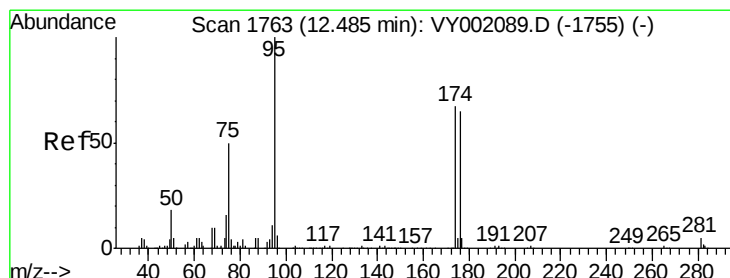
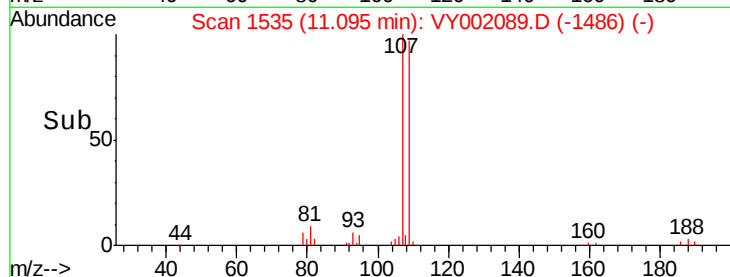
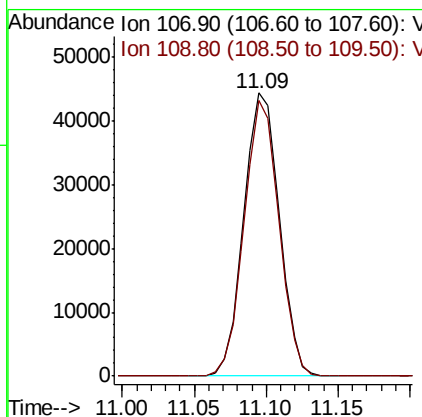
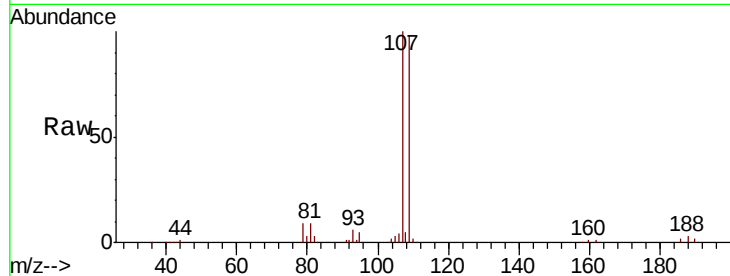
#61  
 1,2-Dibromoethane  
 Concen: 49.660 ug/l  
 RT: 11.09 min Scan# 1535  
 Delta R.T. 0.00 min  
 Lab File: VY002089.D  
 Acq: 26 Mar 2020 16:31

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

Tot Ion:107 Resp: 75714  
 Ion Ratio Lower Upper  
 107 100  
 109 95.4 76.3 114.5

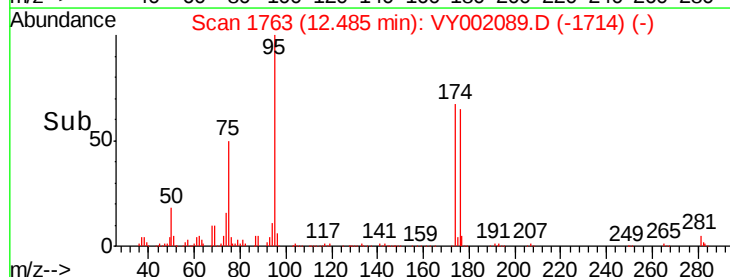
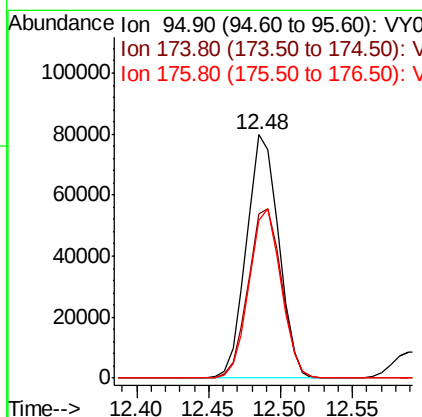
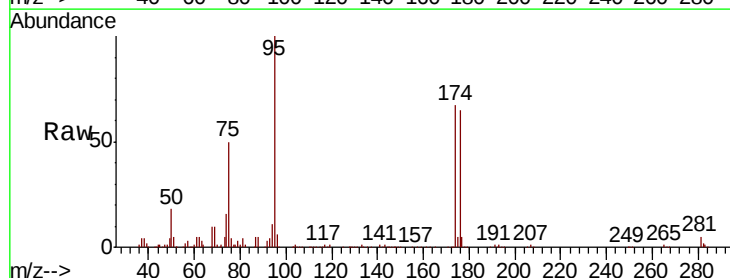
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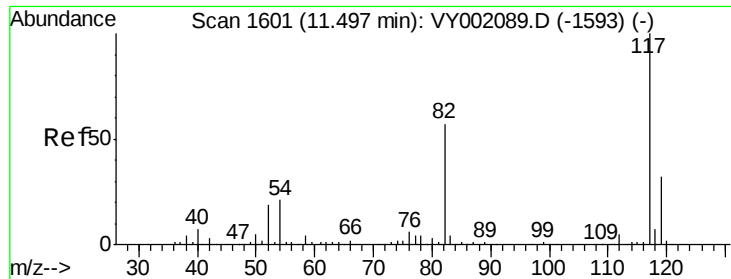
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#62  
 4-Bromofluorobenzene  
 Concen: 51.209 ug/l  
 RT: 12.48 min Scan# 1763  
 Delta R.T. 0.00 min  
 Lab File: VY002089.D  
 Acq: 26 Mar 2020 16:31

Tgt Ion: 95 Resp: 123815  
 Ion Ratio Lower Upper  
 95 100  
 174 71.7 0.0 143.4  
 176 68.5 0.0 137.0





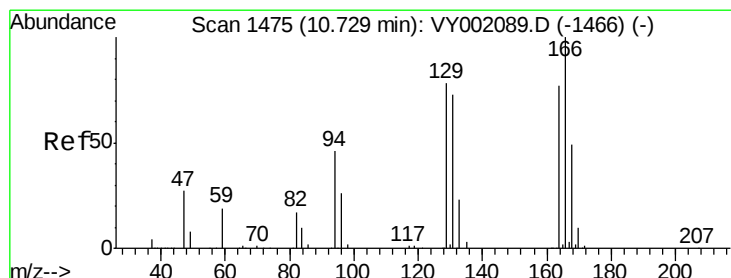
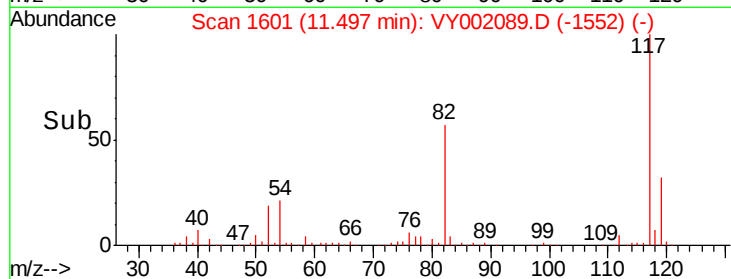
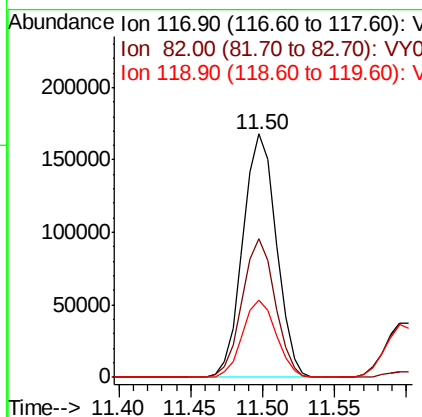
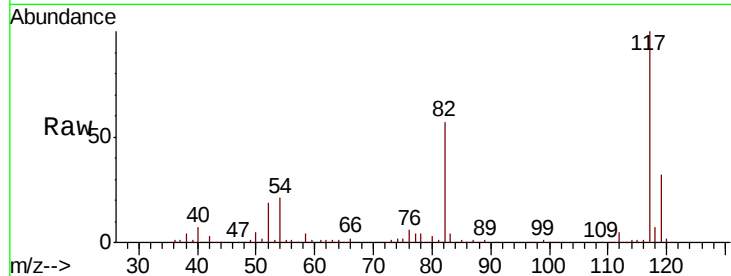
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.50 min Scan# 1601  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 56.8  | 45.4  | 68.2  |
| 119     | 31.6  | 25.3  | 37.9  |

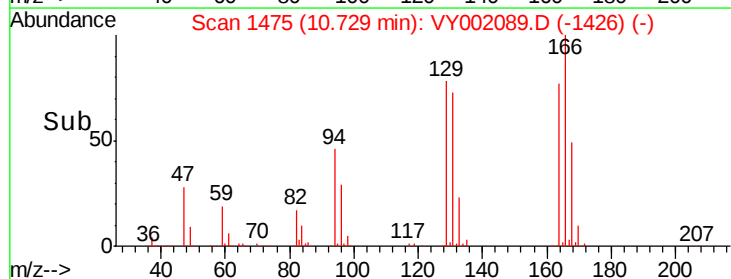
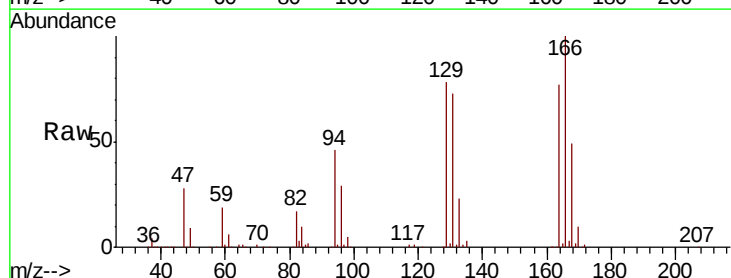
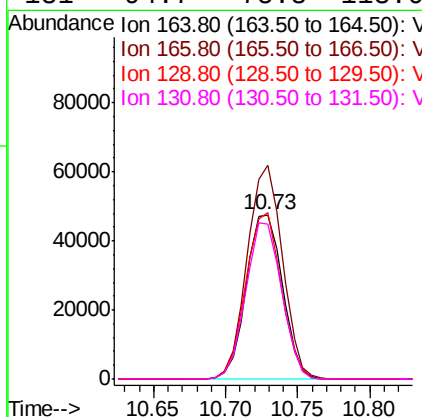
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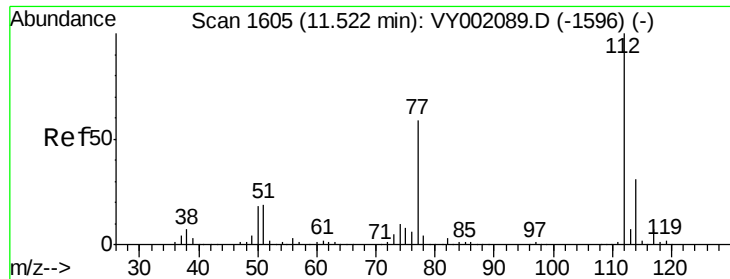
apatel  
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#64  
Tetrachloroethene  
Concen: 48.874 ug/l  
RT: 10.73 min Scan# 1475  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 130.0 | 104.0 | 156.0 |
| 129     | 101.5 | 81.2  | 121.8 |
| 131     | 94.7  | 75.8  | 113.6 |





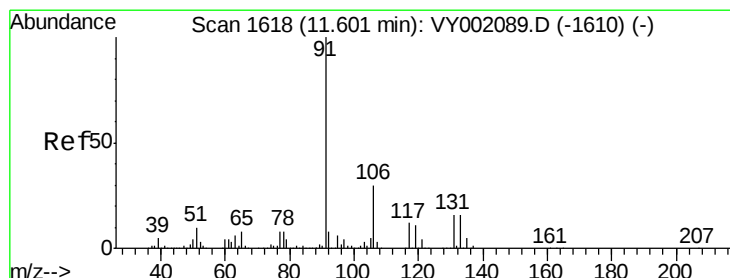
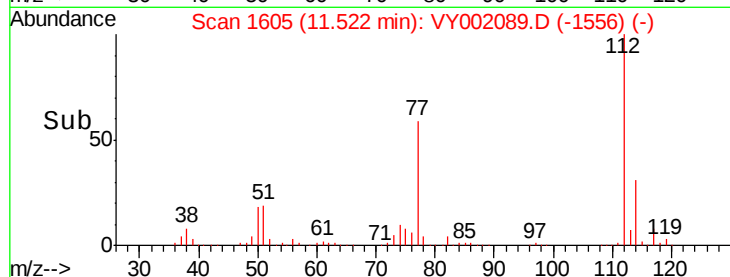
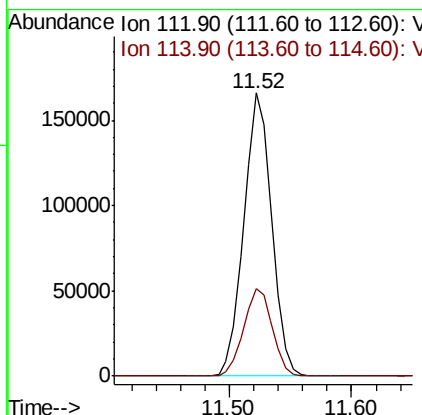
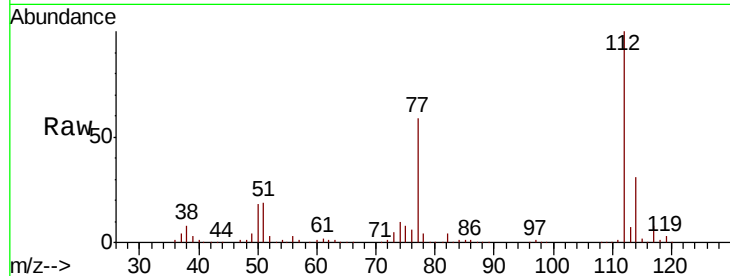
#65  
Chlorobenzene  
Concen: 49.091 ug/l  
RT: 11.52 min Scan# 1605  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Tot Ion:112 Resp: 262108  
Ion Ratio Lower Upper  
112 100  
114 31.1 24.9 37.3

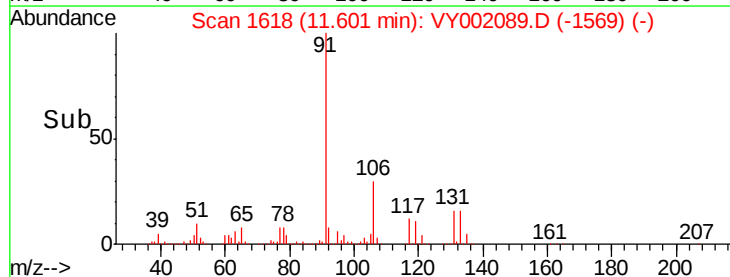
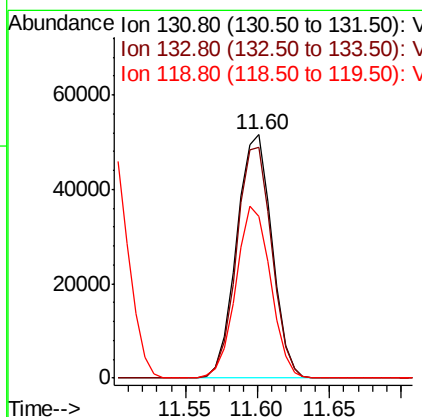
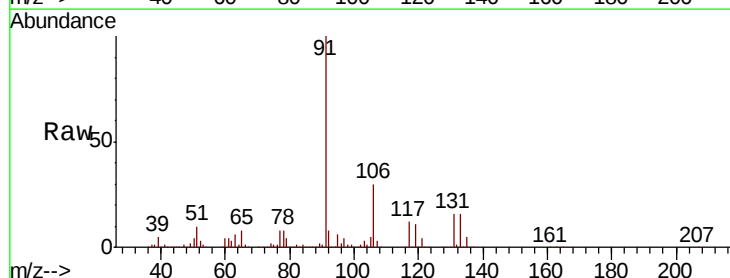
Manual Integrations  
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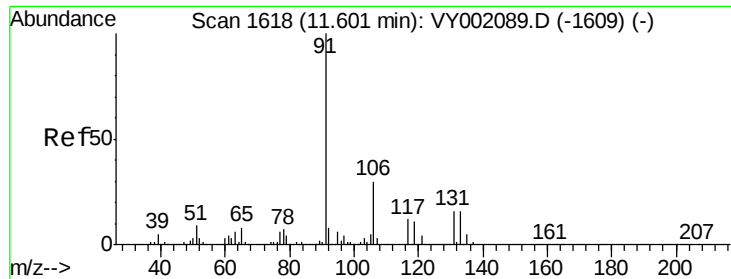
apatel  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.118 ug/l  
RT: 11.60 min Scan# 1618  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Tgt Ion:131 Resp: 87893  
Ion Ratio Lower Upper  
131 100  
133 95.0 47.5 142.5  
119 69.3 34.6 103.9





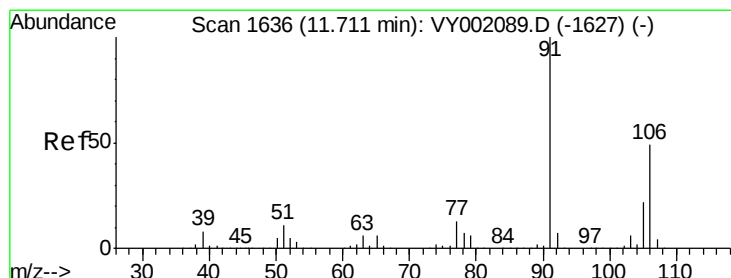
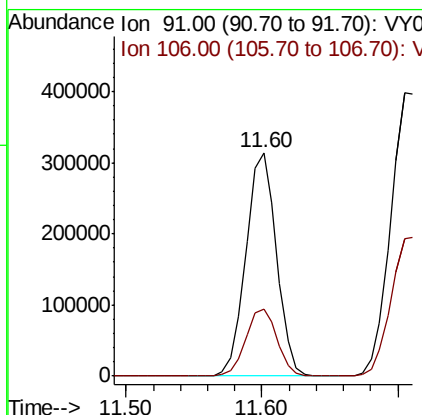
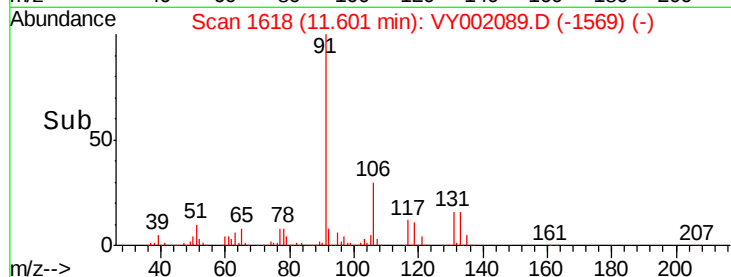
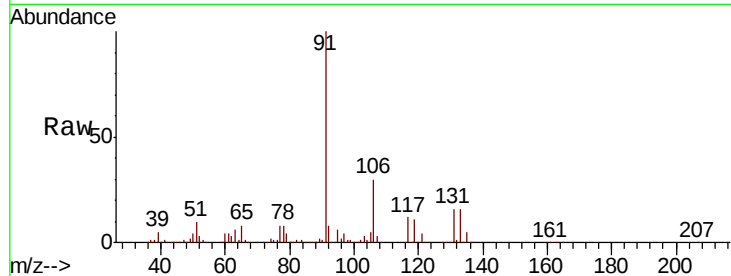
#67  
Ethyl Benzene  
Concen: 49.533 ug/l  
RT: 11.60 min Scan# 1618  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

Tot Ion: 91 Resp: 494034  
Ion Ratio Lower Upper  
91 100  
106 30.1 24.1 36.1

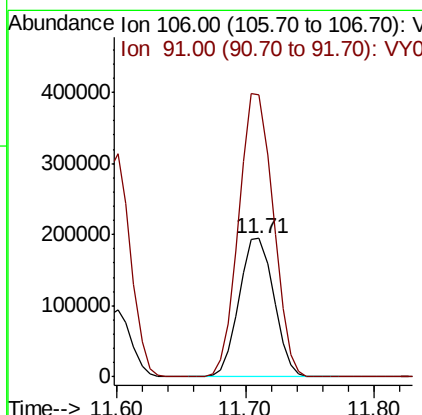
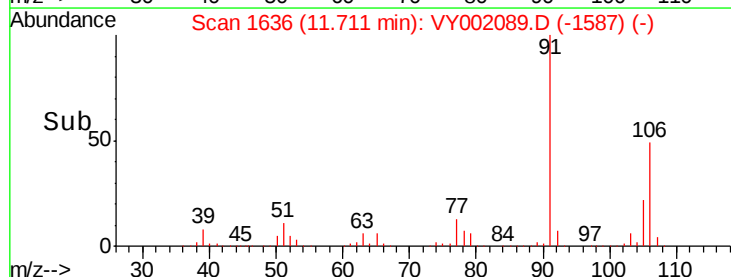
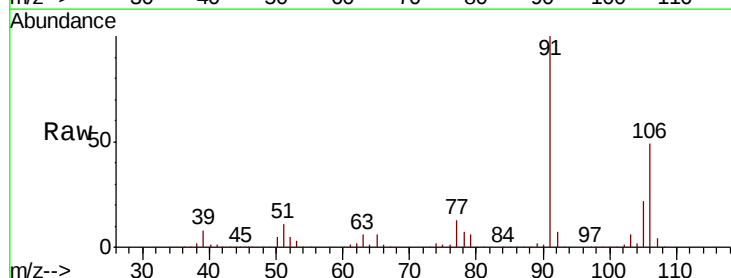
Manual Integrations  
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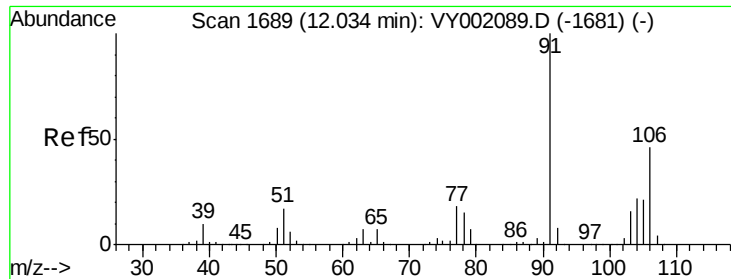
apatel  
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#68  
m/p-Xylenes  
Concen: 99.074 ug/l  
RT: 11.71 min Scan# 1636  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Tgt Ion: 106 Resp: 364693  
Ion Ratio Lower Upper  
106 100  
91 203.5 162.8 244.2





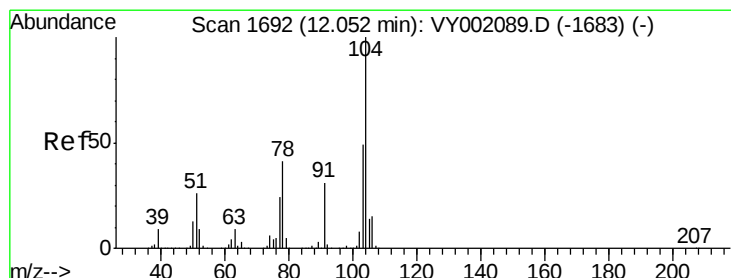
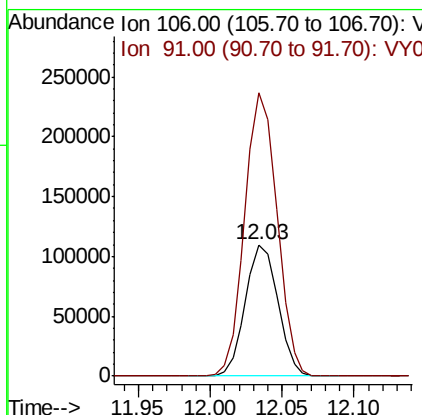
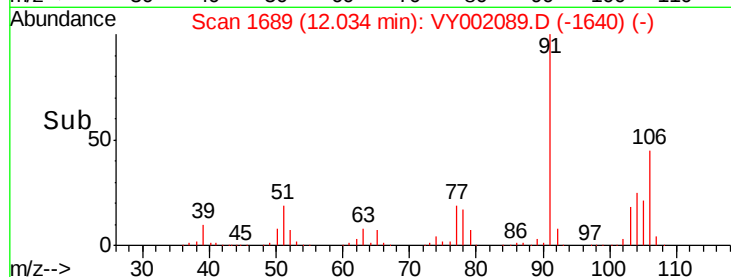
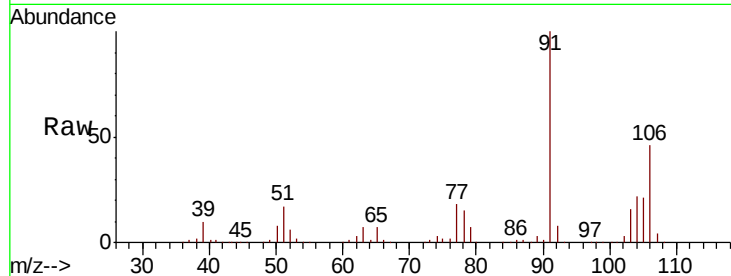
#69  
o-Xylene  
Concen: 49.541 ug/l  
RT: 12.03 min Scan# 1689  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Instrument :  
MSVOA\_Y  
ClientSampled :  
VSTDICCC050

Tot Ion:106 Resp: 172043  
Ion Ratio Lower Upper  
106 100  
91 214.5 107.3 321.8

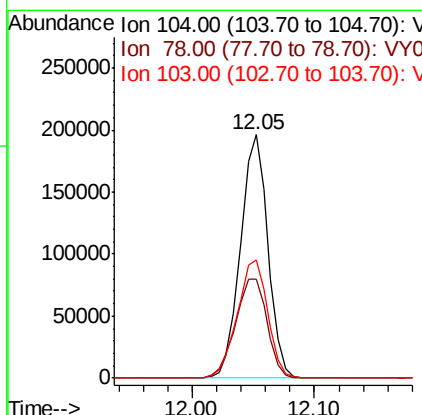
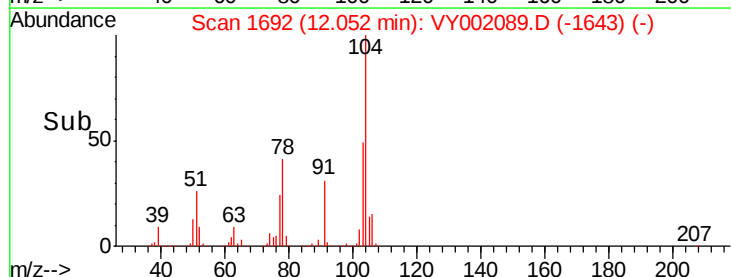
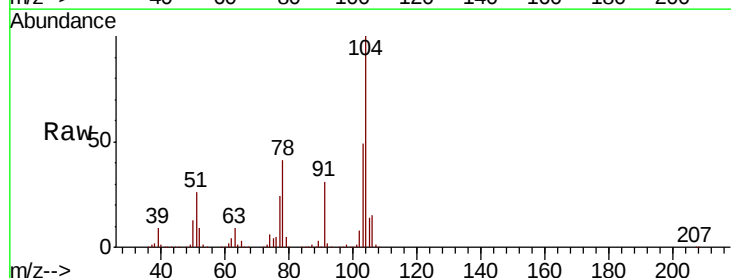
Manual Integrations  
APPROVED

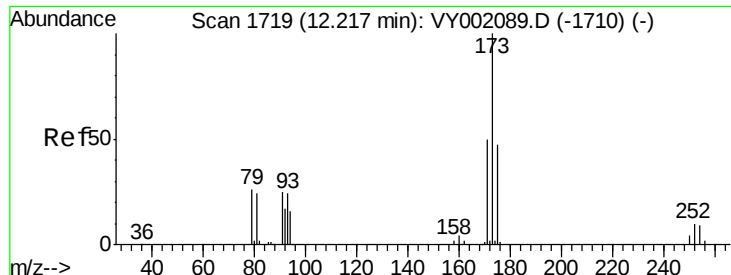
apatel  
3/27/2020 4:14:06 PM



#70  
Styrene  
Concen: 51.011 ug/l  
RT: 12.05 min Scan# 1692  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Tgt Ion:104 Resp: 303629  
Ion Ratio Lower Upper  
104 100  
78 47.4 37.9 56.9  
103 54.0 43.2 64.8





#71

Bromoform

Concen: 52.035 ug/l

RT: 12.22 min Scan# 1719

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA\_Y

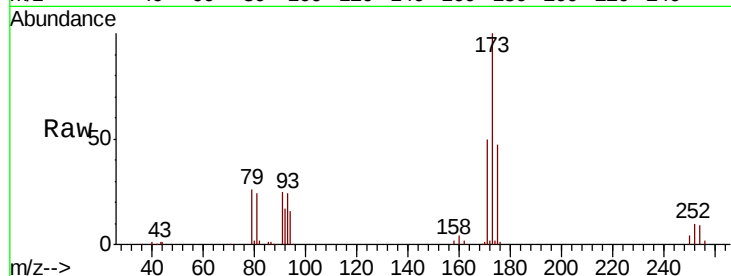
ClientSampleId :

VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 47.9  | 23.9  | 71.8  |
| 254     | 0.0   | 0.0   | 0.0   |

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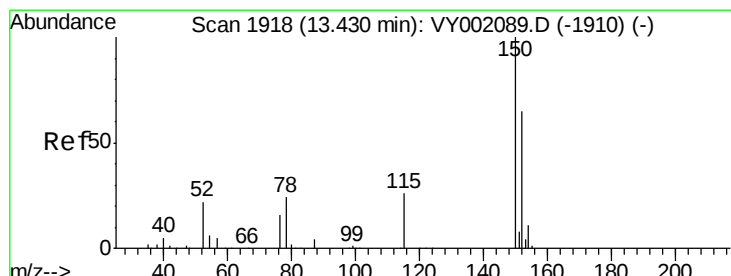
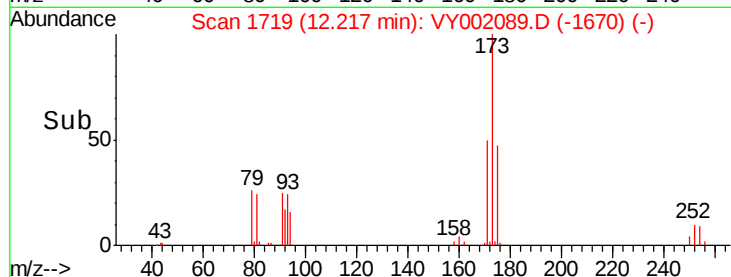
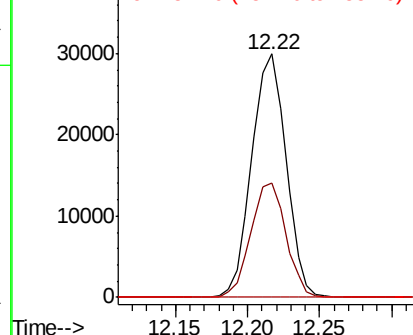


Abundance

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

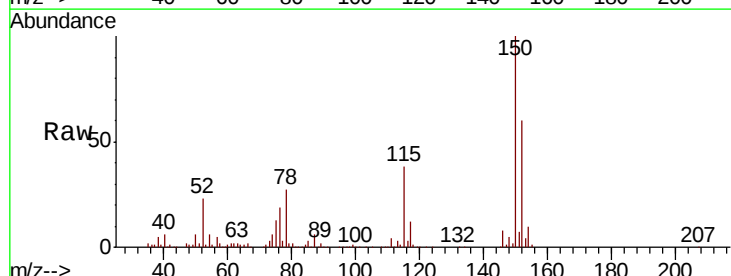
RT: 13.43 min Scan# 1918

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 62.4  | 31.2  | 93.6  |
| 150     | 177.4 | 0.0   | 354.8 |

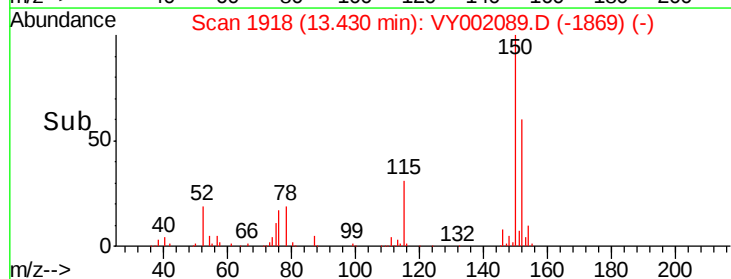
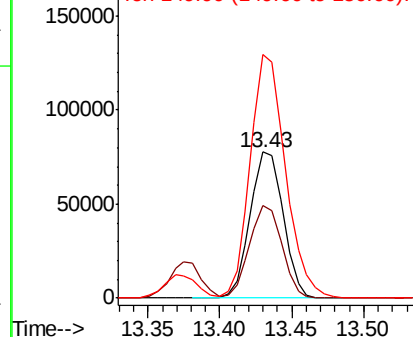


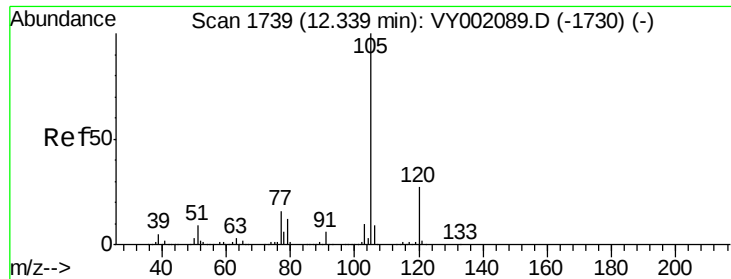
Abundance

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: 49.847 ug/l

RT: 12.34 min Scan# 1739

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 467373

Ion Ratio Lower Upper

105 100

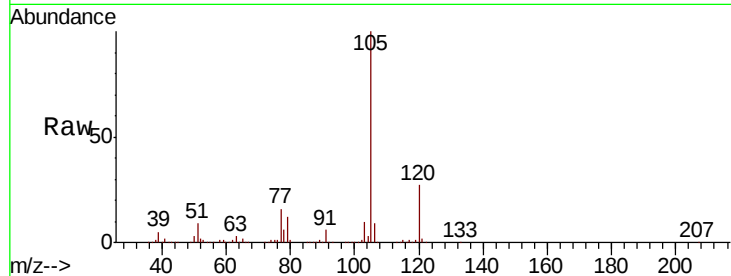
120 26.5 13.3 39.8

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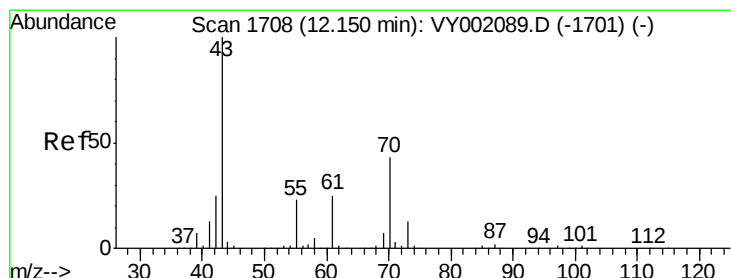
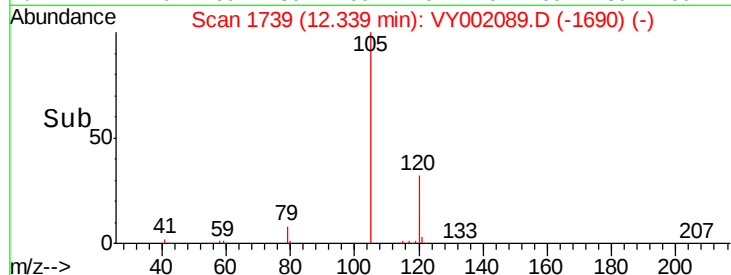
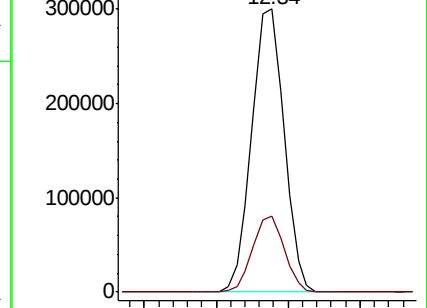
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.380 ug/l

RT: 12.15 min Scan# 1708

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Tgt Ion: 43 Resp: 145076

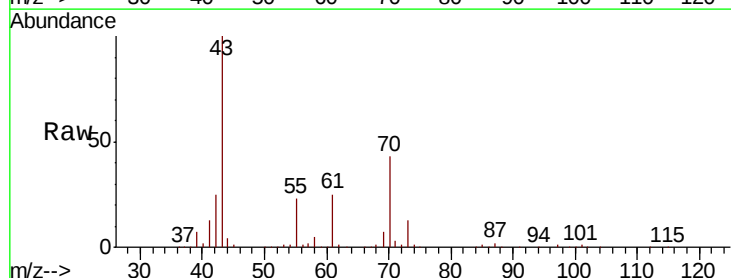
Ion Ratio Lower Upper

43 100

70 43.7 35.0 52.4

55 23.4 18.7 28.1

61 25.2 20.2 30.2

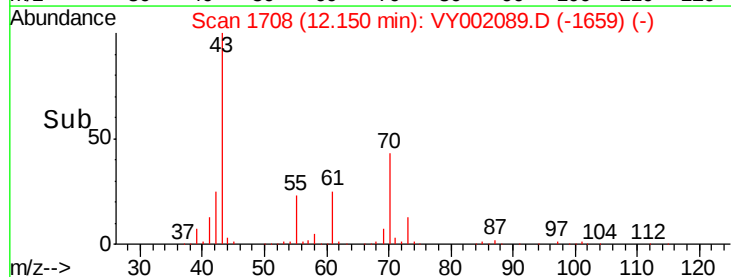
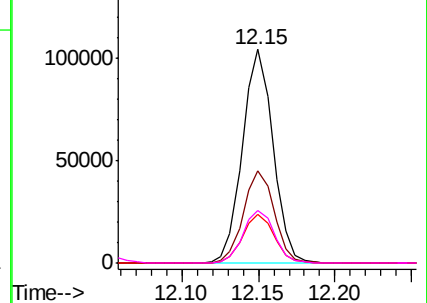


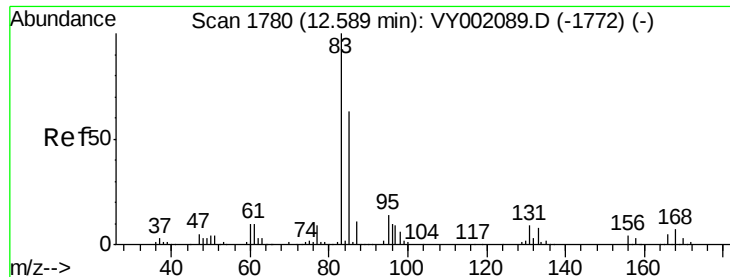
Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 70.00 (69.70 to 70.70): VY0

Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.269 ug/l

RT: 12.59 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA\_Y

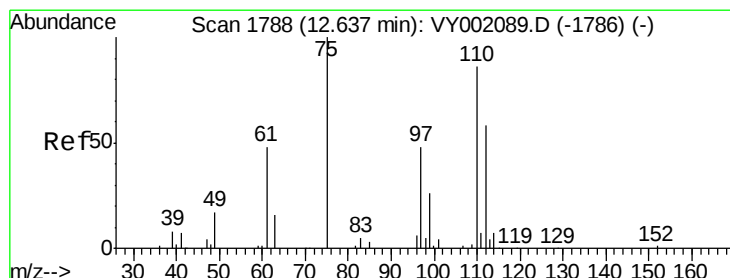
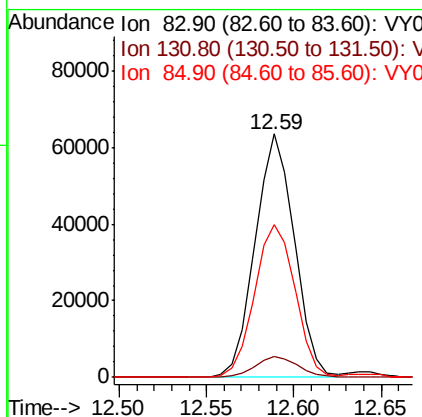
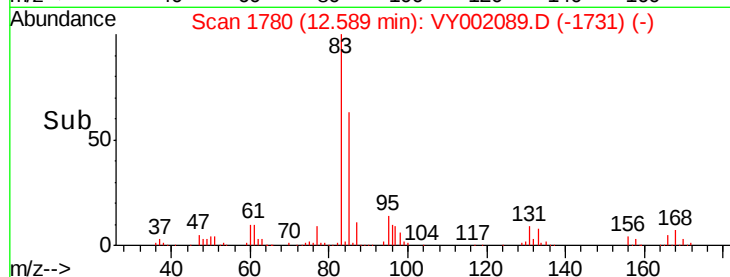
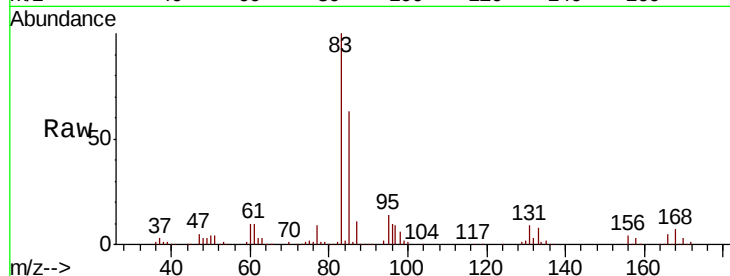
ClientSampleId :

VSTDICCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 99330 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 9.4   | 4.7   | 14.1  |
| 85        | 64.7  | 32.4  | 97.0  |

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#76

1,2,3-Trichloropropane

Concen: 49.393 ug/l m

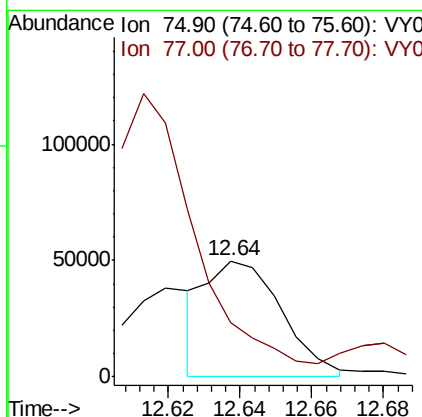
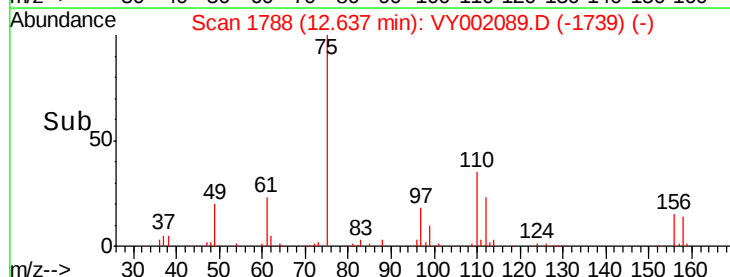
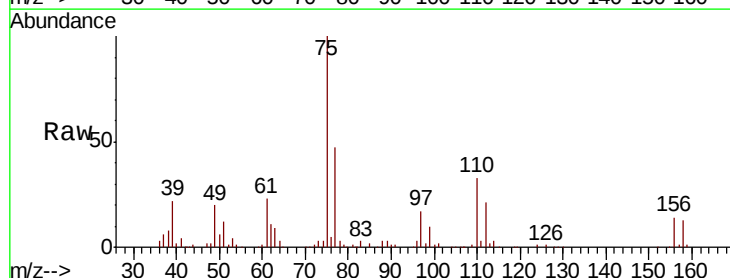
RT: 12.64 min Scan# 1788

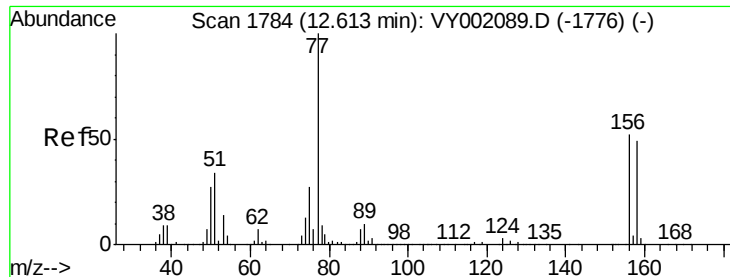
Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 72935 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 50.195 ug/l

RT: 12.61 min Scan# 1784

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

Tot Ion:156 Resp: 100107

Ion Ratio Lower Upper

156 100

77 215.7 107.8 323.6

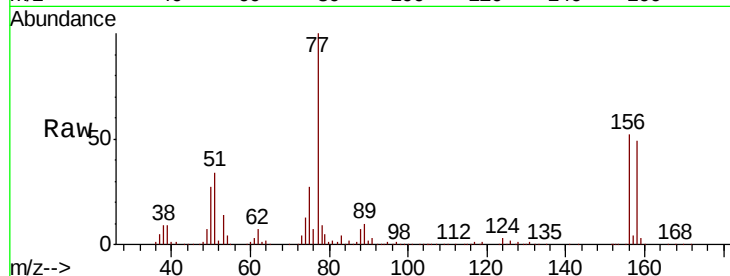
158 95.1 47.5 142.6

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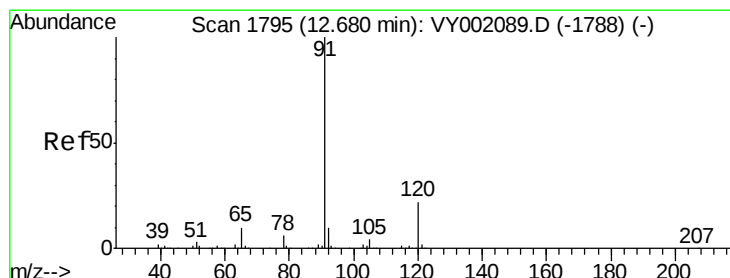
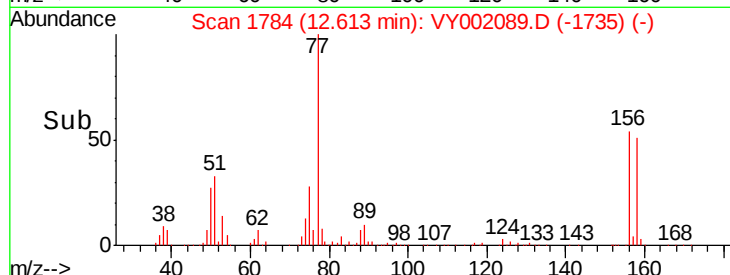
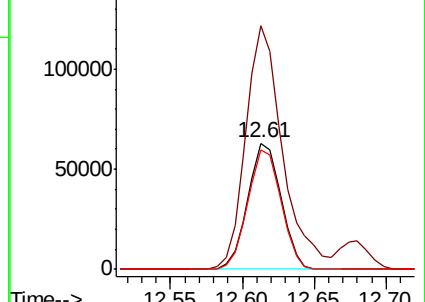
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 49.992 ug/l

RT: 12.68 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VY002089.D

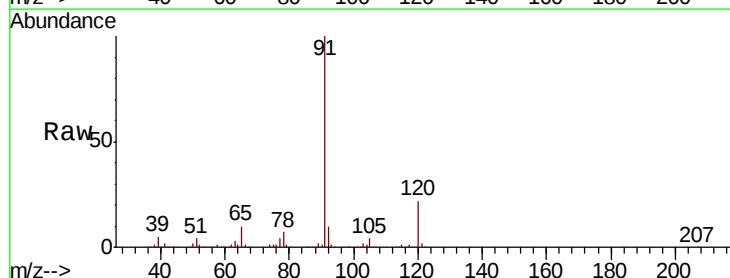
Acq: 26 Mar 2020 16:31

Tgt Ion: 91 Resp: 578943

Ion Ratio Lower Upper

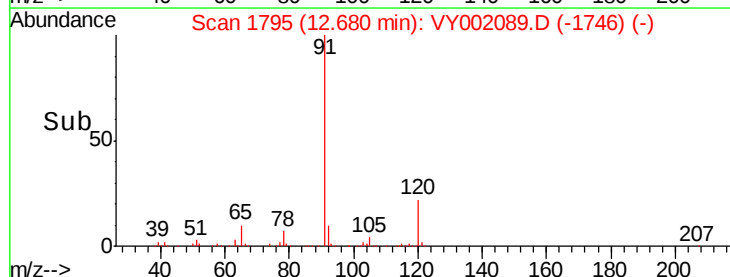
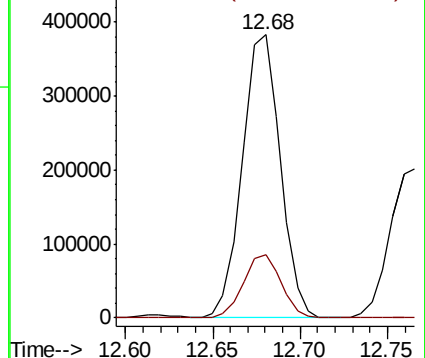
91 100

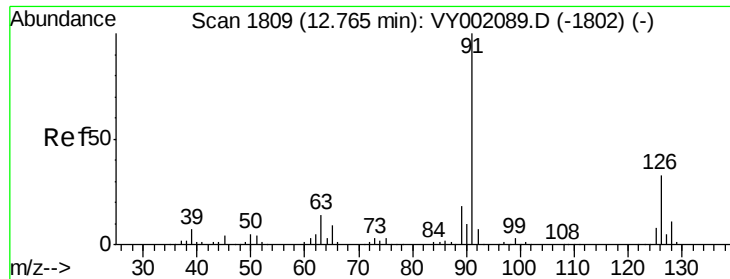
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





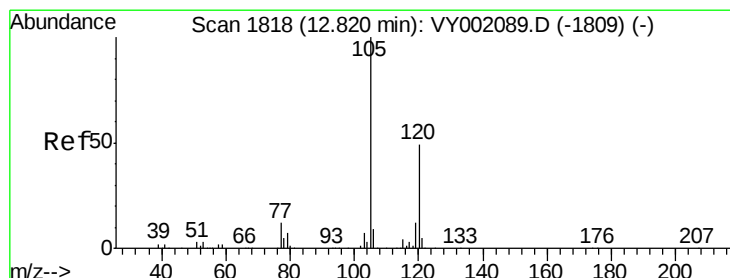
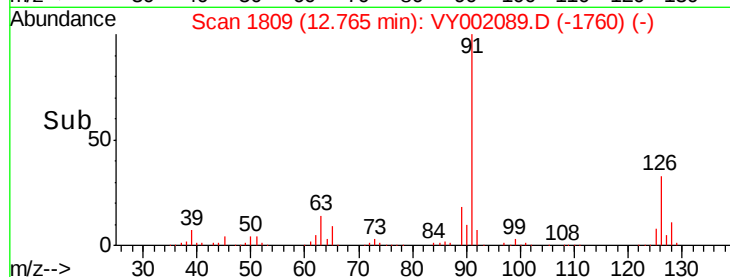
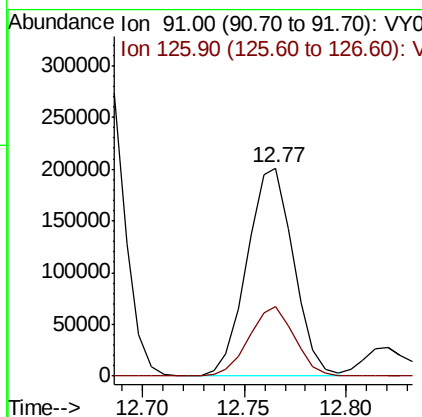
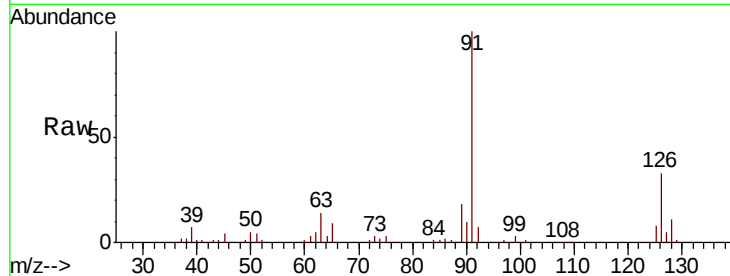
#79  
 2-Chlorotoluene  
 Concen: 49.923 ug/l  
 RT: 12.77 min Scan# 1809  
 Delta R.T. 0.00 min  
 Lab File: VY002089.D  
 Acq: 26 Mar 2020 16:31

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

Tot Ion: 91 Resp: 319297  
 Ion Ratio Lower Upper  
 91 100  
 126 32.7 16.4 49.1

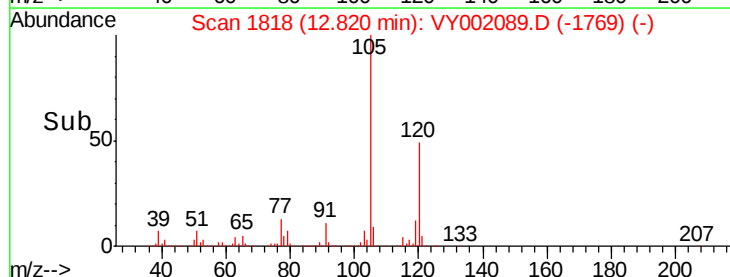
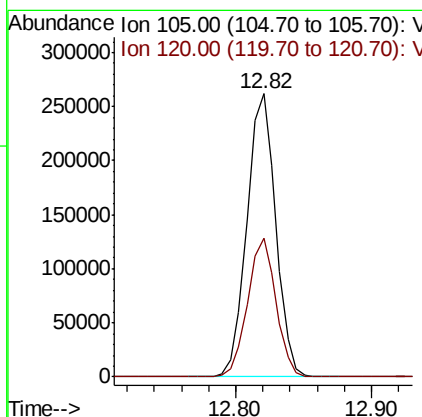
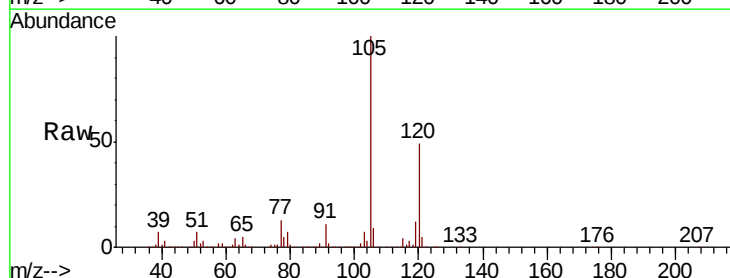
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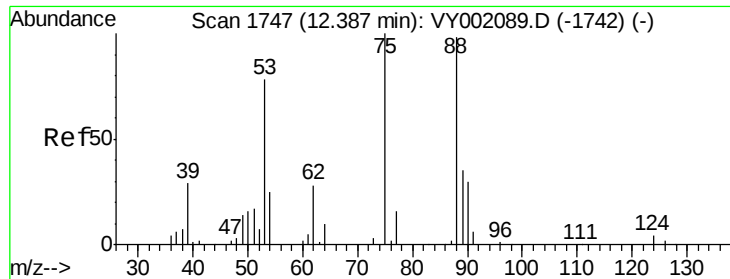
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 50.234 ug/l  
 RT: 12.82 min Scan# 1818  
 Delta R.T. 0.00 min  
 Lab File: VY002089.D  
 Acq: 26 Mar 2020 16:31

Tgt Ion: 105 Resp: 388720  
 Ion Ratio Lower Upper  
 105 100  
 120 48.3 24.1 72.4





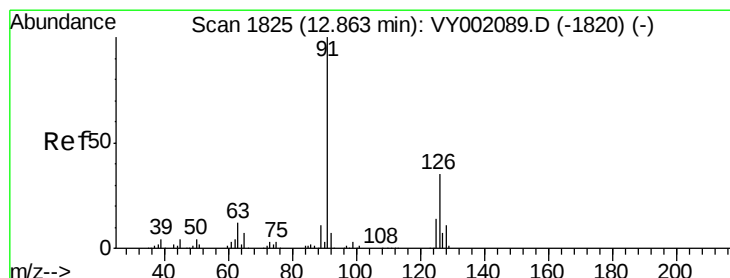
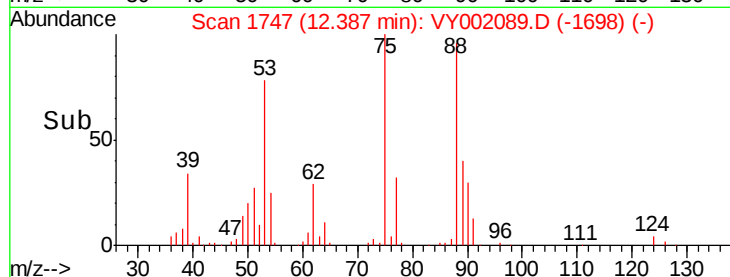
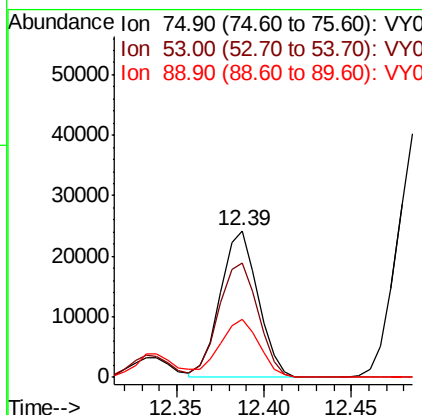
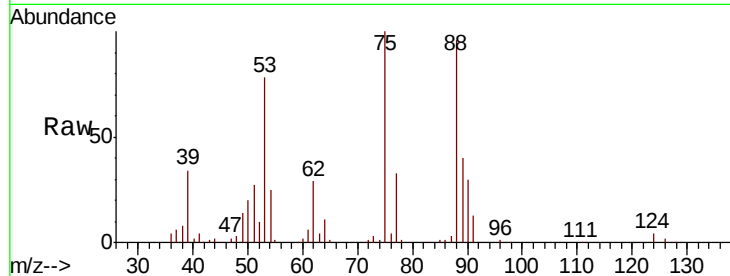
#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.726 ug/l  
RT: 12.39 min Scan# 1747  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 81.2  | 65.0  | 97.4  |
| 89      | 41.7  | 33.4  | 50.0  |

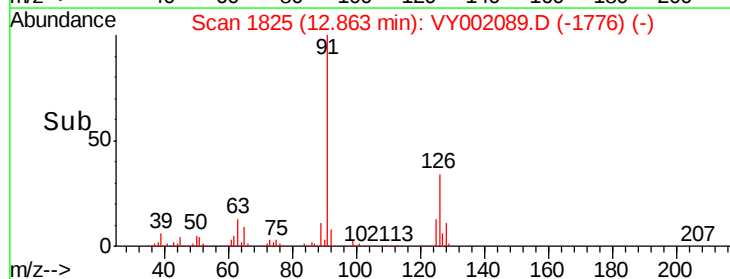
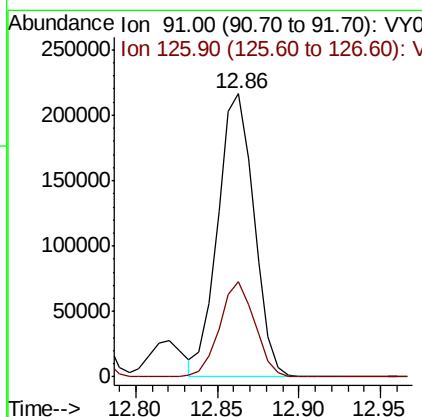
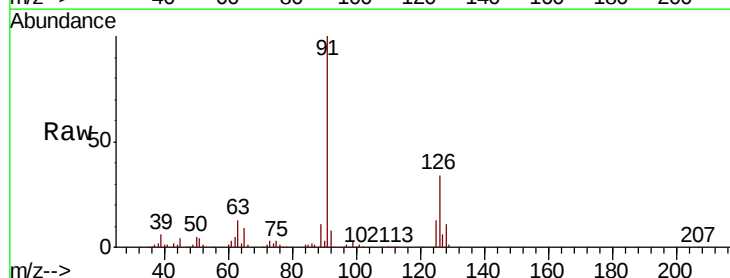
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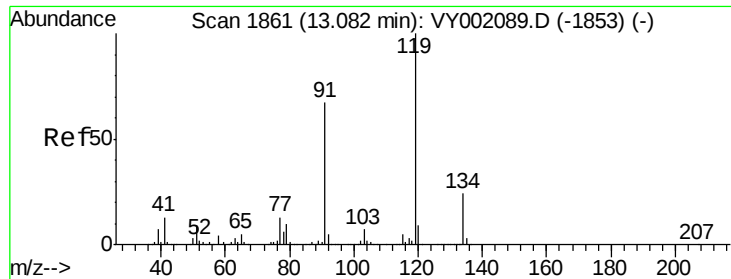
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#82  
4-Chlorotoluene  
Concen: 50.207 ug/l  
RT: 12.86 min Scan# 1825  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.6  | 16.3  | 48.9  |





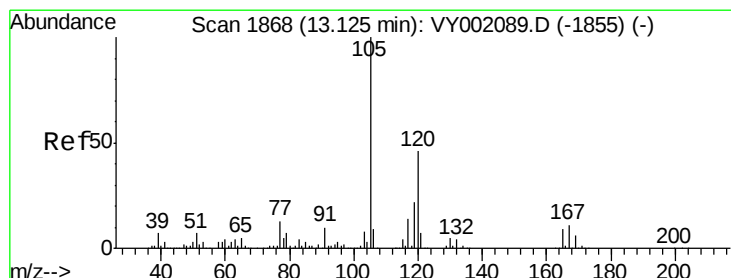
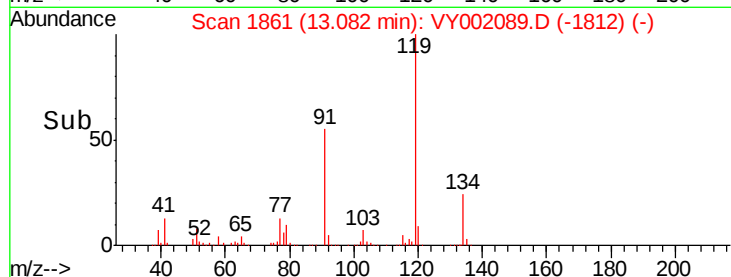
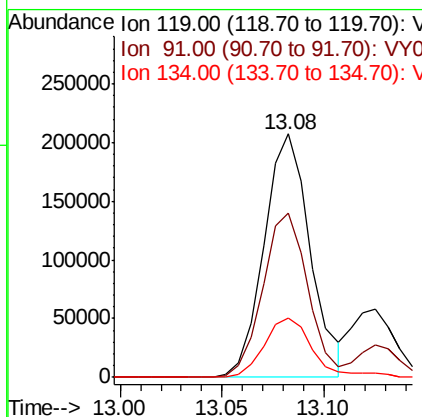
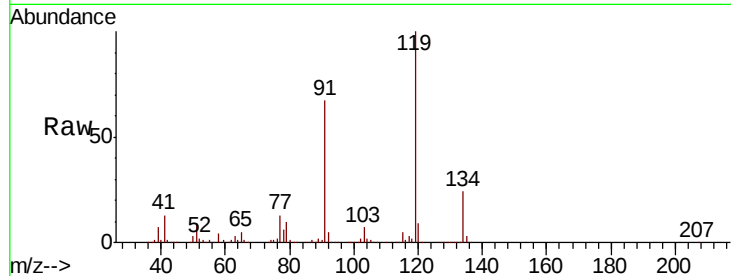
#83  
tert-Butylbenzene  
Concen: 50.743 ug/l  
RT: 13.08 min Scan# 1861  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 65.7  | 32.9  | 98.6  |
| 134     | 25.9  | 13.0  | 38.9  |

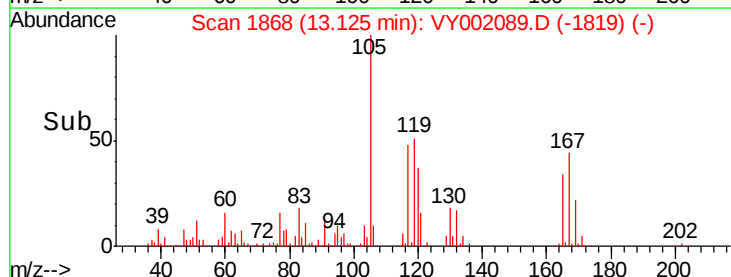
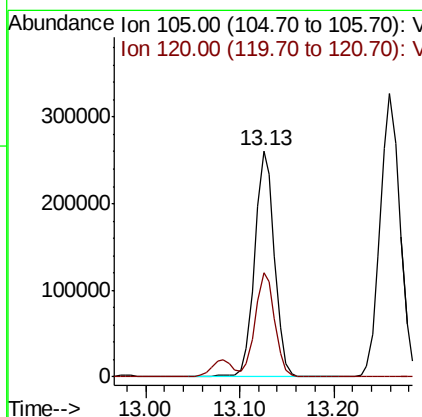
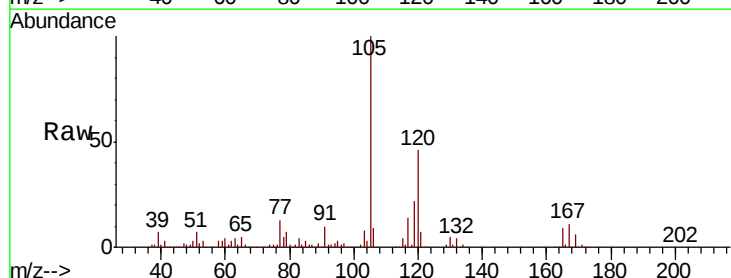
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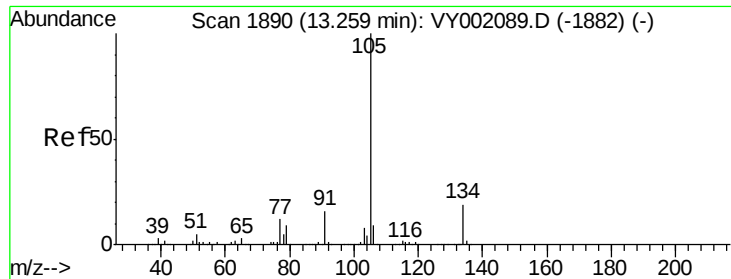
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#84  
1,2,4-Trimethylbenzene  
Concen: 50.279 ug/l  
RT: 13.13 min Scan# 1868  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.7  | 22.9  | 68.5  |





#85

sec-Butylbenzene

Concen: 50.549 ug/l

RT: 13.26 min Scan# 1890

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDICCC050

Tot Ion:105 Resp: 479071

Ion Ratio Lower Upper

105 100

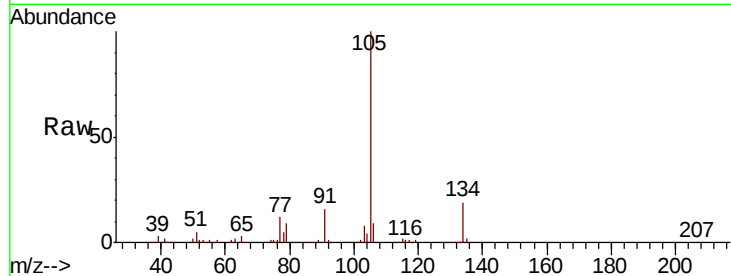
134 19.4 9.7 29.1

Manual Integrations

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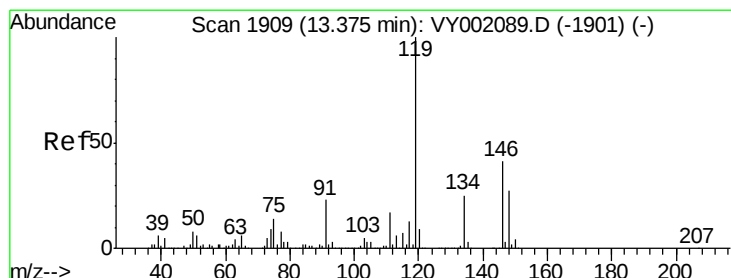
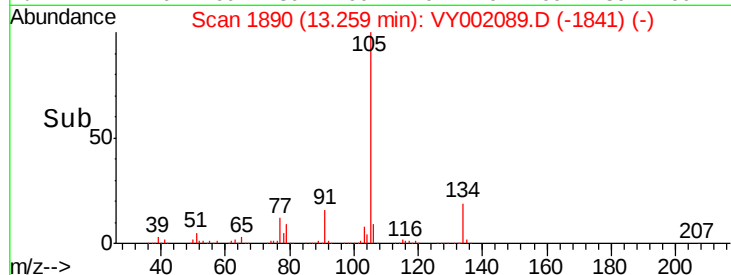
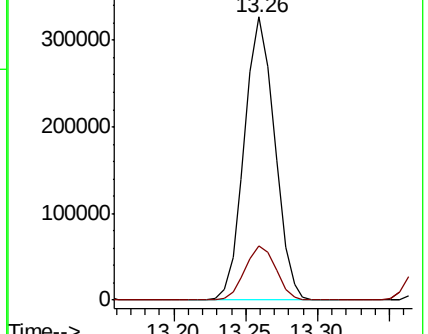
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 50.789 ug/l

RT: 13.38 min Scan# 1909

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

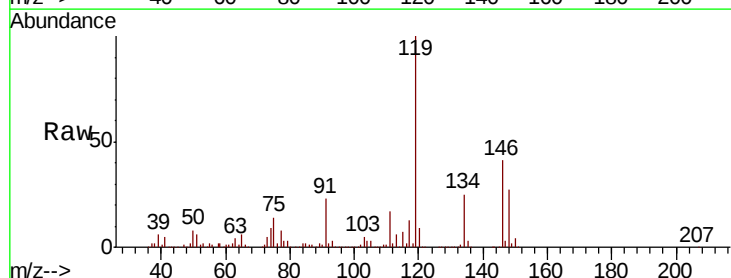
Tgt Ion:119 Resp: 415430

Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.3

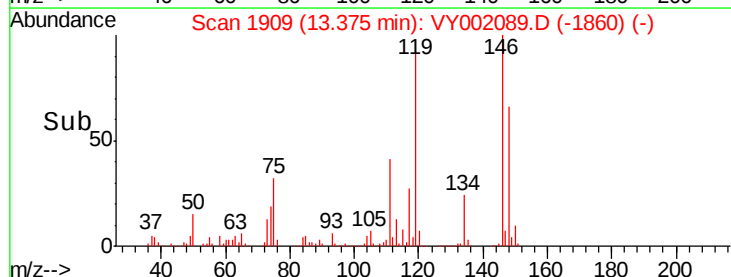
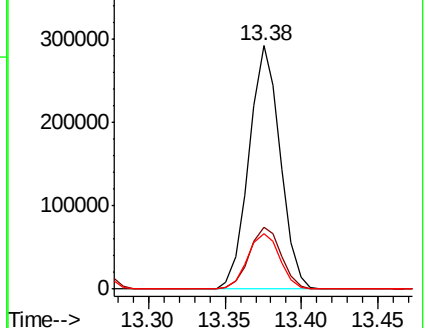
91 23.5 11.8 35.3

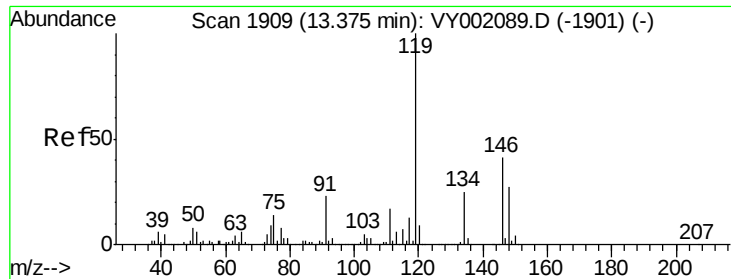


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0





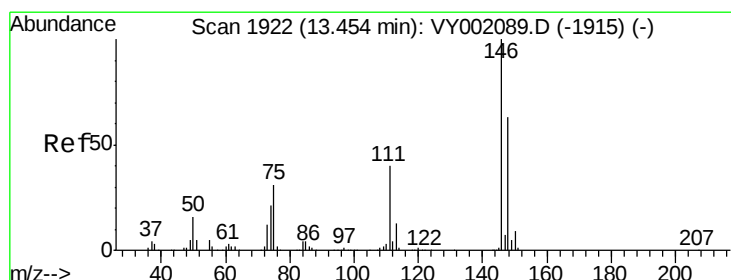
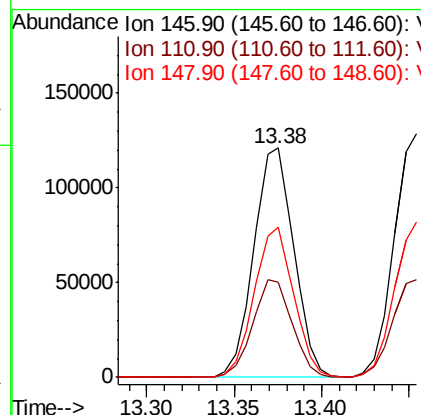
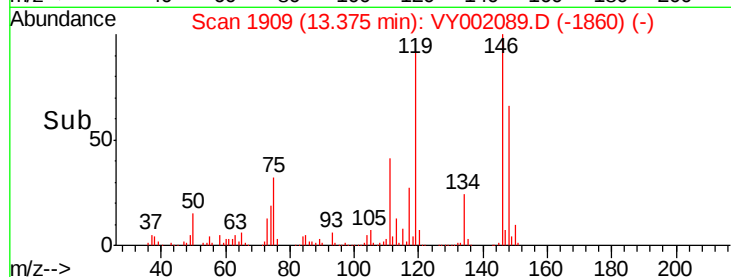
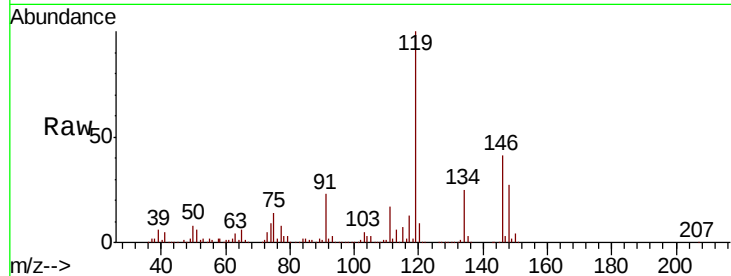
#87  
 1,3-Dichlorobenzene  
 Concen: 49.541 ug/l  
 RT: 13.38 min Scan# 1909  
 Delta R.T. 0.00 min  
 Lab File: VY002089.D  
 Acq: 26 Mar 2020 16:31

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.9  | 20.9  | 62.8  |
| 148     | 64.3  | 32.1  | 96.5  |

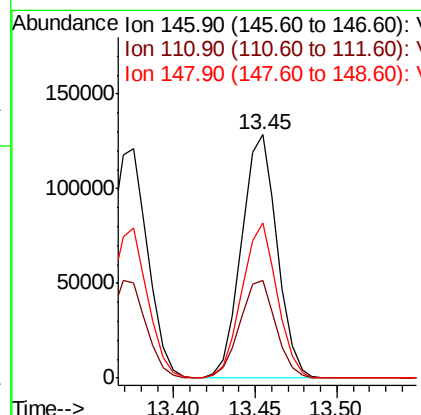
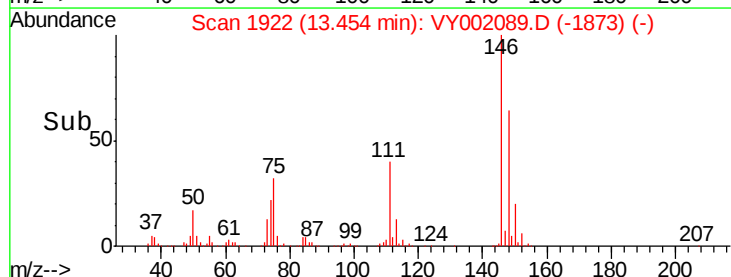
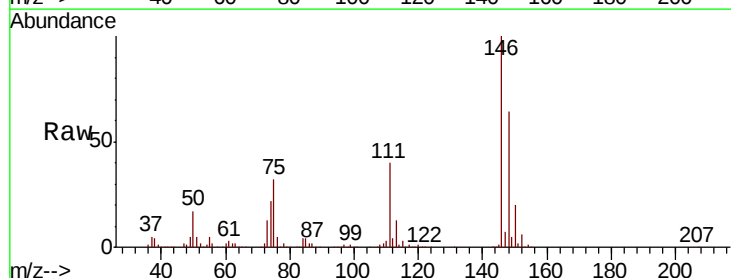
Manual Integrations  
 APPROVED

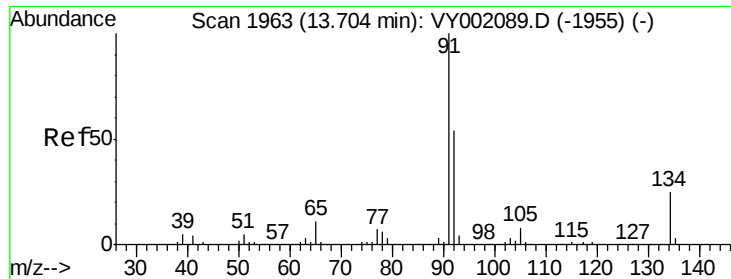
apatel  
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#88  
 1,4-Dichlorobenzene  
 Concen: 49.466 ug/l  
 RT: 13.45 min Scan# 1922  
 Delta R.T. 0.00 min  
 Lab File: VY002089.D  
 Acq: 26 Mar 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.6  | 20.3  | 60.9  |
| 148     | 63.0  | 31.5  | 94.5  |





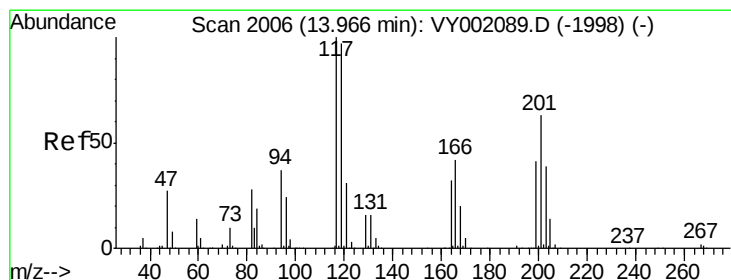
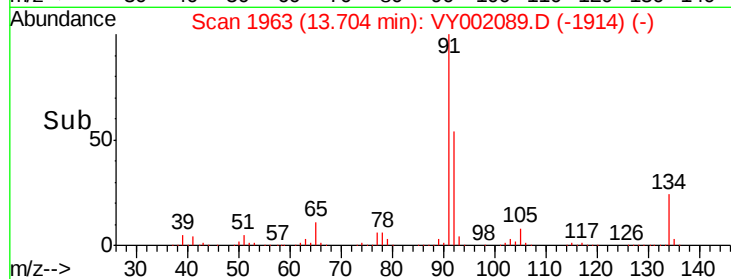
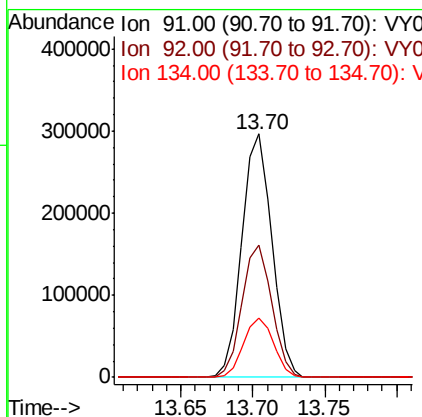
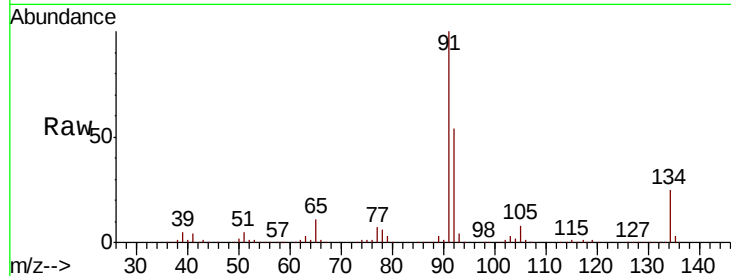
#89  
n-Butylbenzene  
Concen: 50.423 ug/l  
RT: 13.70 min Scan# 1963  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 54.0  | 27.0  | 81.0  |
| 134     | 24.5  | 12.3  | 36.8  |

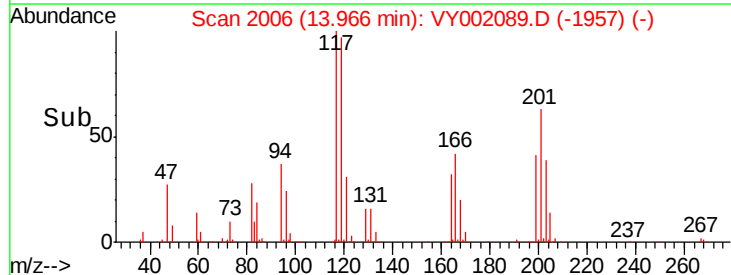
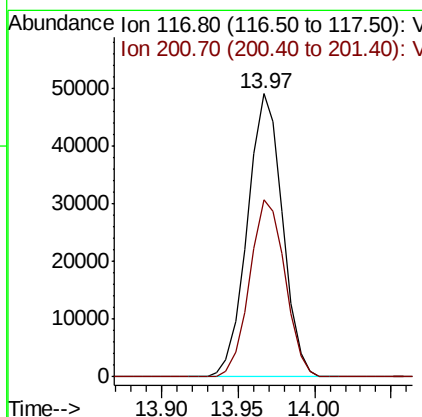
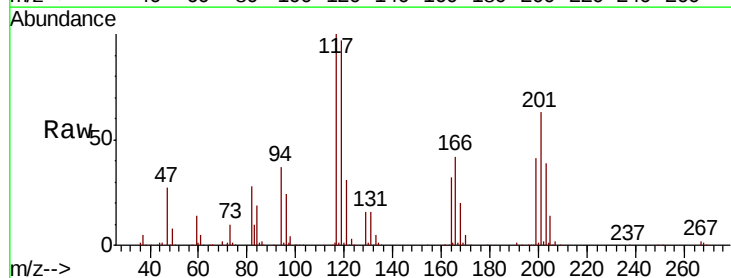
Manual Integrations  
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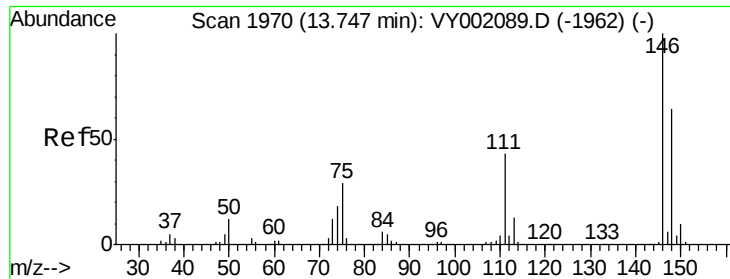
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#90  
Hexachloroethane  
Concen: 50.794 ug/l  
RT: 13.97 min Scan# 2006  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 63.2  | 31.6  | 94.8  |





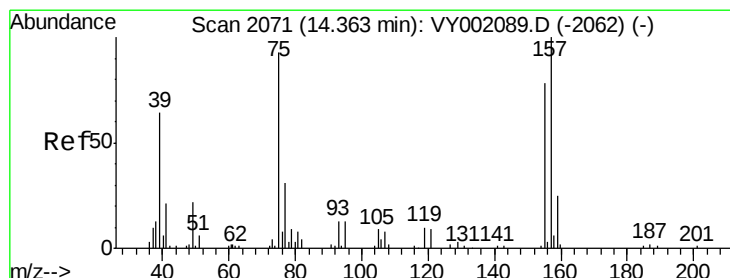
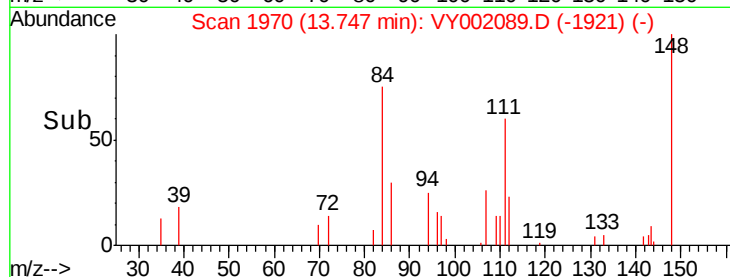
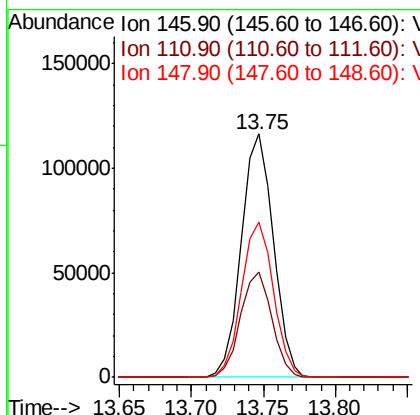
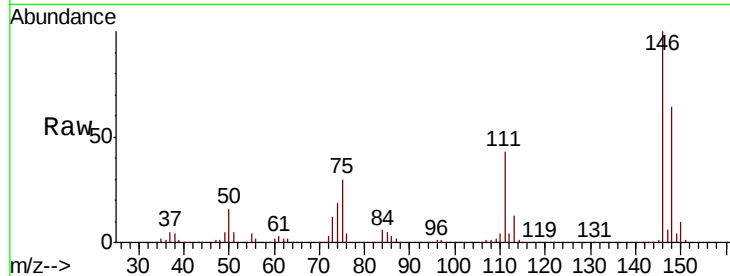
#91  
 1,2-Dichlorobenzene  
 Concen: 50.484 ug/l  
 RT: 13.75 min Scan# 1970  
 Delta R.T. 0.00 min  
 Lab File: VY002089.D  
 Acq: 26 Mar 2020 16:31

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.5  | 21.3  | 63.7  |
| 148     | 63.6  | 31.8  | 95.4  |

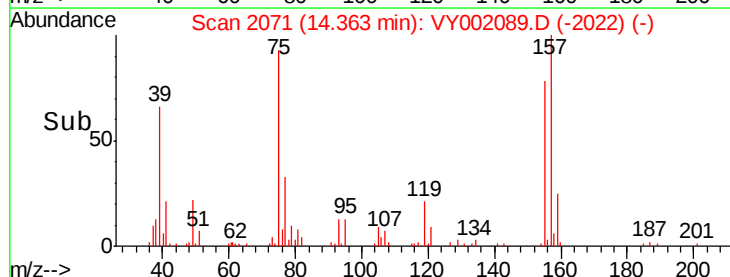
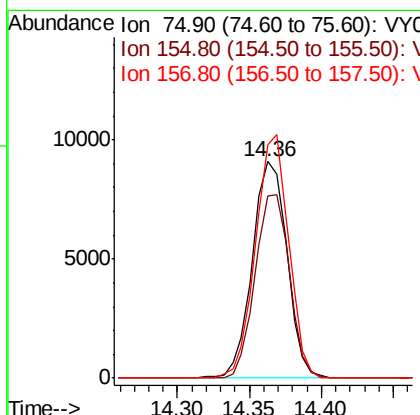
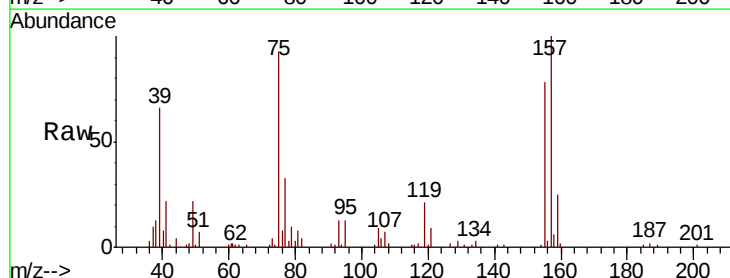
Manual Integrations  
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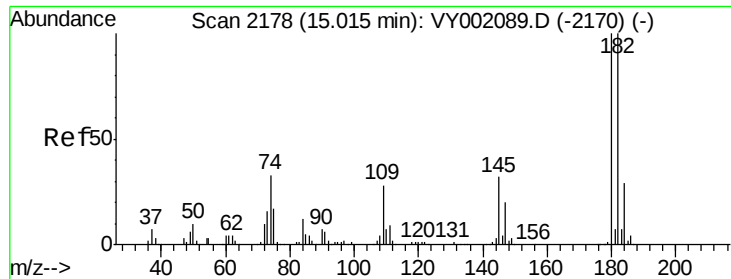
apatel  
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 47.962 ug/l  
 RT: 14.36 min Scan# 2071  
 Delta R.T. 0.00 min  
 Lab File: VY002089.D  
 Acq: 26 Mar 2020 16:31

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 83.3  | 41.6  | 124.9 |
| 157     | 106.9 | 53.4  | 160.3 |





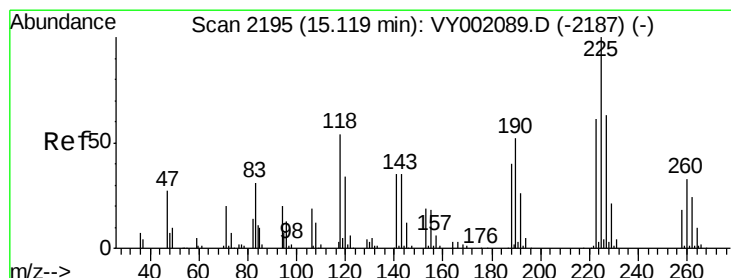
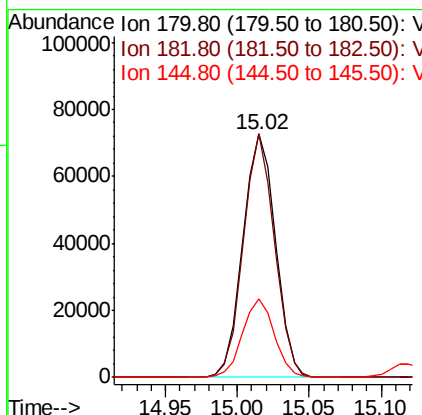
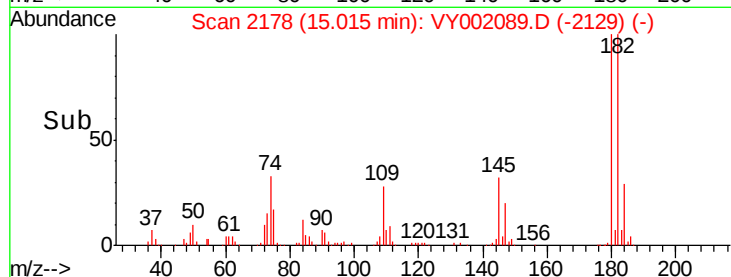
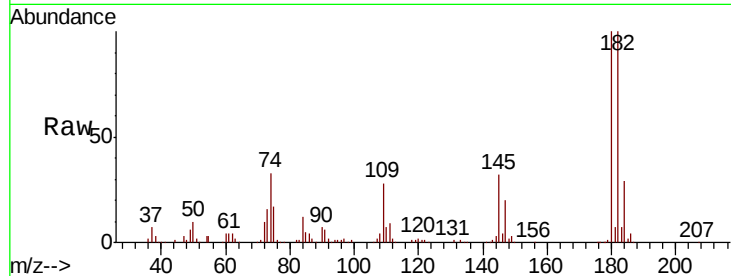
#93  
1,2,4-Trichlorobenzene  
Concen: 49.462 ug/l  
RT: 15.02 min Scan# 2178  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 180     | 100   |      |       |       |
| 182     | 96.2  | 48.1 | 144.3 |       |
| 145     | 31.7  | 15.9 | 47.6  |       |

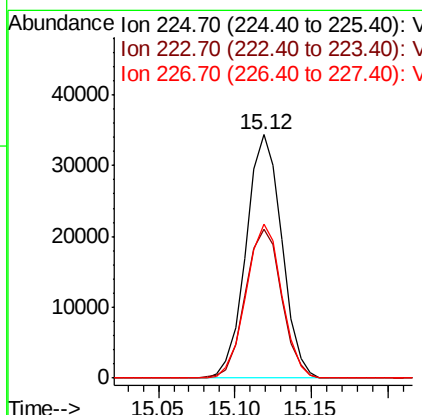
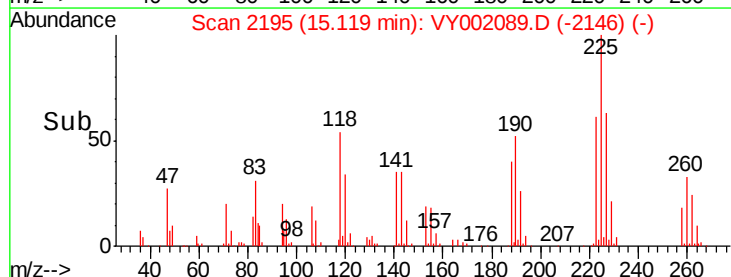
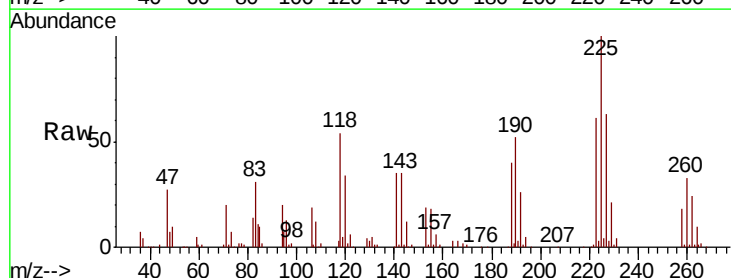
Manual Integrations  
APPROVED

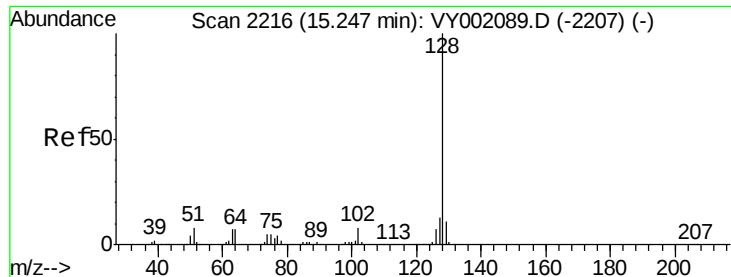
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#94  
Hexachlorobutadiene  
Concen: 49.595 ug/l  
RT: 15.12 min Scan# 2195  
Delta R.T. 0.00 min  
Lab File: VY002089.D  
Acq: 26 Mar 2020 16:31

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 225     | 100   |      |       |       |
| 223     | 62.2  | 31.1 | 93.3  |       |
| 227     | 63.1  | 31.6 | 94.7  |       |





#95

Naphthalene

Concen: 49.467 ug/l

RT: 15.25 min Scan# 2216

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

Instrument :

MSVOA\_Y

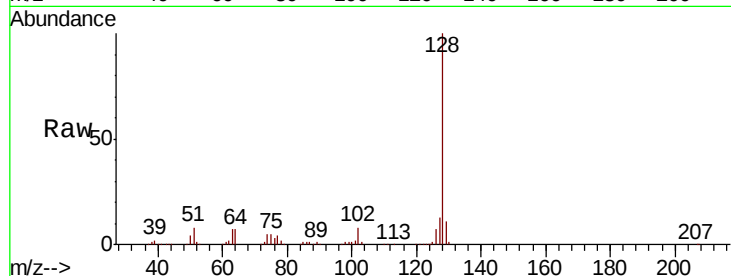
ClientSampleId :

VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 269171 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 12.3  | 9.8   | 14.8   |
| 129       | 10.8  | 8.6   | 13.0   |

Manual Integrations  
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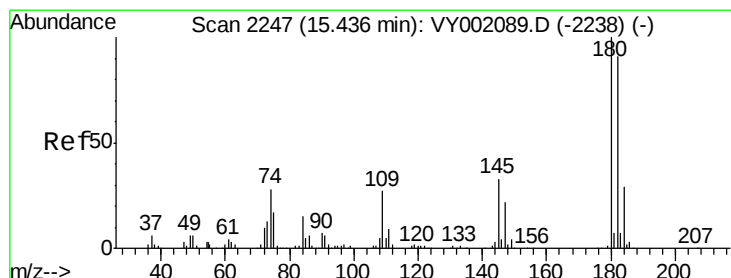
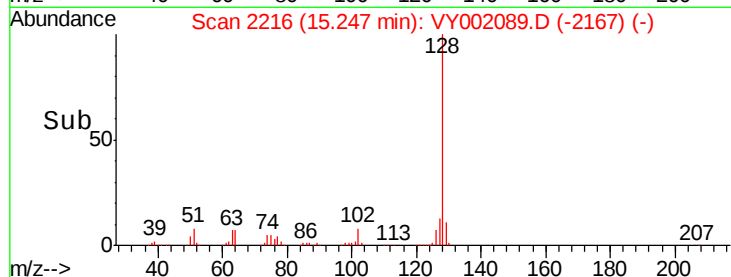
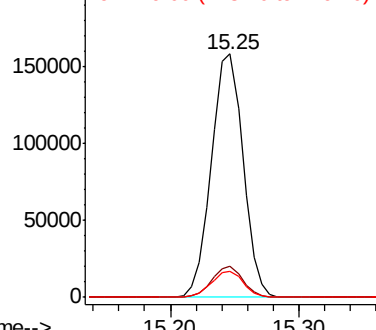


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.128 ug/l

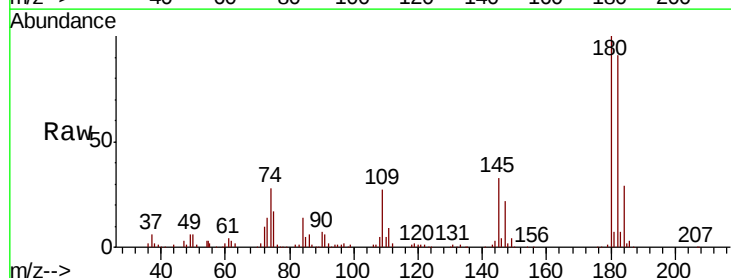
RT: 15.44 min Scan# 2247

Delta R.T. 0.00 min

Lab File: VY002089.D

Acq: 26 Mar 2020 16:31

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 101753 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 93.5  | 46.8  | 140.3  |
| 145       | 33.4  | 16.7  | 50.1   |



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

