

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY032620\  
 Data File : VY002086.D  
 Acq On : 26 Mar 2020 15:17  
 Operator : SY/MD  
 Sample : VSTDIC005  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

Manual Integrations  
 APPROVED

apatel  
 3/27/2020 4:13:51 PM

Quant Time: Mar 27 07:11:41 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      | 7.80  | 168  | 170693   | 50.00 | ug/l  | -0.01    |
| 34) 1,4-Difluorobenzene    | 8.70  | 114  | 305500   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 273445   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152  | 125722   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |      |        |       |
|---------------------------|--------|-----|----------|------|--------|-------|
| 33) 1,2-Dichloroethane-d4 | 8.15   | 65  | 9309     | 5.05 | ug/l   | -0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =    | 10.10% |       |
| 35) Dibromofluoromethane  | 7.73   | 113 | 8311     | 4.95 | ug/l   | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =    | 9.90%  |       |
| 50) Toluene-d8            | 10.18  | 98  | 34581    | 4.88 | ug/l   | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =    | 9.76%  |       |
| 62) 4-Bromofluorobenzene  | 12.49  | 95  | 12349    | 5.00 | ug/l   | 0.00  |
| Spiked Amount             | 50.000 |     | Recovery | =    | 10.00% |       |

## Target Compounds

|                               |      |     |        |        | Qvalue    |
|-------------------------------|------|-----|--------|--------|-----------|
| 2) Dichlorodifluoromethane    | 1.91 | 85  | 8083   | 5.408  | ug/l 97   |
| 3) Chloromethane              | 2.12 | 50  | 11148  | 5.372  | ug/l 93   |
| 4) Vinyl Chloride             | 2.26 | 62  | 10594  | 5.019  | ug/l 99   |
| 5) Bromomethane               | 2.66 | 94  | 7405   | 5.238  | ug/l 97   |
| 6) Chloroethane               | 2.80 | 64  | 6464   | 4.815  | ug/l 92   |
| 7) Trichlorofluoromethane     | 3.13 | 101 | 14640  | 5.068  | ug/l 97   |
| 8) Diethyl Ether              | 3.54 | 74  | 6053   | 5.272  | ug/l 97   |
| 9) 1,1,2-Trichlorotrifluoroet | 3.91 | 101 | 9420   | 5.046  | ug/l 98   |
| 10) Methyl Iodide             | 4.10 | 142 | 9458   | 4.387  | ug/l 98   |
| 11) Tert butyl alcohol        | 4.95 | 59  | 6608m  | 29.796 | ug/l      |
| 12) 1,1-Dichloroethene        | 3.88 | 96  | 9365   | 4.984  | ug/l 93   |
| 13) Acrolein                  | 3.74 | 56  | 5825   | 21.841 | ug/l 99   |
| 14) Allyl chloride            | 4.49 | 41  | 17066  | 5.073  | ug/l 100  |
| 15) Acrylonitrile             | 5.18 | 53  | 15132  | 24.649 | ug/l 98   |
| 16) Acetone                   | 3.96 | 43  | 14771  | 28.028 | ug/l 95   |
| 17) Carbon Disulfide          | 4.21 | 76  | 30673  | 4.863  | ug/l 100  |
| 18) Methyl Acetate            | 4.49 | 43  | 7115   | 5.257  | ug/l 96   |
| 19) Methyl tert-butyl Ether   | 5.23 | 73  | 25477  | 4.973  | ug/l 95   |
| 20) Methylene Chloride        | 4.74 | 84  | 18333  | 8.086  | ug/l 91   |
| 21) trans-1,2-Dichloroethene  | 5.23 | 96  | 10333  | 4.824  | ug/l 93   |
| 22) Diisopropyl ether         | 6.13 | 45  | 34455  | 4.991  | ug/l 96   |
| 23) Vinyl Acetate             | 6.08 | 43  | 109697 | 24.305 | ug/l 99   |
| 24) 1,1-Dichloroethane        | 6.04 | 63  | 18190  | 4.882  | ug/l 98   |
| 25) 2-Butanone                | 7.00 | 43  | 20748  | 25.877 | ug/l 93   |
| 26) 2,2-Dichloropropane       | 6.99 | 77  | 15225  | 4.968  | ug/l 98   |
| 27) cis-1,2-Dichloroethene    | 7.00 | 96  | 11245  | 4.821  | ug/l 96   |
| 28) Bromochloromethane        | 7.35 | 49  | 7617   | 4.479  | ug/l 97   |
| 29) Tetrahydrofuran           | 7.36 | 42  | 13686  | 25.644 | ug/l 95   |
| 30) Chloroform                | 7.52 | 83  | 17647  | 5.044  | ug/l 98   |
| 31) Cyclohexane               | 7.80 | 56  | 22181  | 5.568  | ug/l # 78 |
| 32) 1,1,1-Trichloroethane     | 7.72 | 97  | 14439  | 4.904  | ug/l 97   |
| 36) 1,1-Dichloropropene       | 7.93 | 75  | 14748  | 5.060  | ug/l 99   |
| 37) Ethyl Acetate             | 7.10 | 43  | 9525   | 5.638  | ug/l 99   |
| 38) Carbon Tetrachloride      | 7.91 | 117 | 11980  | 4.798  | ug/l # 88 |

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 Operator : SY/MD  
 Sample : VSTDIC005  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

Manual Integrations  
 APPROVED

apatel  
 3/27/2020 4:13:51 PM

Quant Time: Mar 27 07:11:41 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   | 18933    | 4.889  | ug/l   | 98       |
| 40) Benzene                    | 8.17  | 78   | 42709    | 4.936  | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.33  | 41   | 4408m    | 5.601  | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.25  | 62   | 11540    | 5.169  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.28  | 43   | 16101    | 5.015  | ug/l   | 99       |
| 44) Trichloroethene            | 8.95  | 130  | 10229    | 4.848  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 9.22  | 63   | 10644    | 4.883  | ug/l   | 92       |
| 46) Dibromomethane             | 9.31  | 93   | 5525     | 4.918  | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.50  | 83   | 12217    | 4.670  | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.30  | 41   | 7046     | 4.982  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.32  | 88   | 1521     | 99.211 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 10.08 | 43   | 41140    | 24.889 | ug/l   | 99       |
| 52) Toluene                    | 10.25 | 92   | 25461    | 4.847  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 13536    | 4.754  | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 9.94  | 75   | 16225    | 4.787  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane      | 10.65 | 97   | 8304     | 5.042  | ug/l   | 95       |
| 56) Ethyl methacrylate         | 10.51 | 69   | 11502    | 4.801  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.80 | 76   | 14566    | 4.967  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 9.78  | 63   | 30142    | 29.506 | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.83 | 43   | 28969    | 24.617 | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.99 | 129  | 8036     | 4.652  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.10 | 107  | 7558     | 4.857  | ug/l   | 97       |
| 64) Tetrachloroethene          | 10.72 | 164  | 8480     | 4.966  | ug/l   | 96       |
| 65) Chlorobenzene              | 11.52 | 112  | 26020    | 4.825  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.60 | 131  | 8529     | 4.815  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.60 | 91   | 47349    | 4.700  | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.70 | 106  | 35551    | 9.562  | ug/l   | 100      |
| 69) o-Xylene                   | 12.03 | 106  | 16941    | 4.830  | ug/l   | 100      |
| 70) Styrene                    | 12.05 | 104  | 28698    | 4.773  | ug/l   | 98       |
| 71) Bromoform                  | 12.21 | 173  | 4408     | 4.596  | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.33 | 105  | 45635    | 4.769  | ug/l   | 99       |
| 74) N-amyl acetate             | 12.14 | 43   | 14566    | 4.956  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.58 | 83   | 9581     | 4.657  | ug/l   | 94       |
| 76) 1,2,3-Trichloropropane     | 12.64 | 75   | 7282m    | 4.832  | ug/l   |          |
| 77) Bromobenzene               | 12.61 | 156  | 9444     | 4.640  | ug/l   | 93       |
| 78) n-propylbenzene            | 12.67 | 91   | 57000    | 4.823  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.76 | 91   | 30915    | 4.736  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 38269    | 4.846  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 3220     | 4.383  | ug/l # | 85       |
| 82) 4-Chlorotoluene            | 12.86 | 91   | 33371    | 4.904  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.08 | 119  | 31079    | 4.724  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.12 | 105  | 38023    | 4.857  | ug/l   | 97       |
| 85) sec-Butylbenzene           | 13.25 | 105  | 46753    | 4.834  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.37 | 119  | 39406    | 4.721  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.37 | 146  | 19904    | 5.004  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.45 | 146  | 19142    | 4.748  | ug/l   | 90       |
| 89) n-Butylbenzene             | 13.70 | 91   | 42666    | 4.924  | ug/l   | 97       |
| 90) Hexachloroethane           | 13.97 | 117  | 7402     | 4.702  | ug/l   | 92       |
| 91) 1,2-Dichlorobenzene        | 13.74 | 146  | 18115    | 4.994  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 1693     | 5.263  | ug/l   | 84       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA Y\DATA\VY032620\  
Data File : VY002086.D  
Acq On : 26 Mar 2020 15:17  
Operator : SY/MD  
Sample : VSTDICC005  
Misc : 5.00G/5ML/MSVOA Y/SOIL  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDICC005

Manual Integrations  
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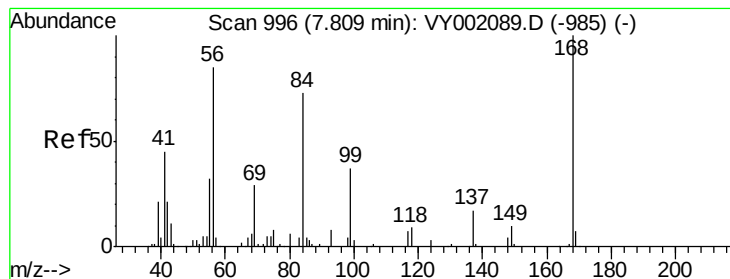
apatel  
3/27/2020 4:13:51 PM

Quant Time: Mar 27 07:11:41 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 | 15.01 | 180  | 12141    | 5.187 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.12 | 225  | 6165     | 5.369 | ug/l  | 97       |
| 95) Naphthalene            | 15.23 | 128  | 27034    | 4.868 | ug/l  | 96       |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180  | 11188    | 5.401 | ug/l  | 96       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 994

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion:168 Resp: 170693

Ion Ratio Lower Upper

168 100

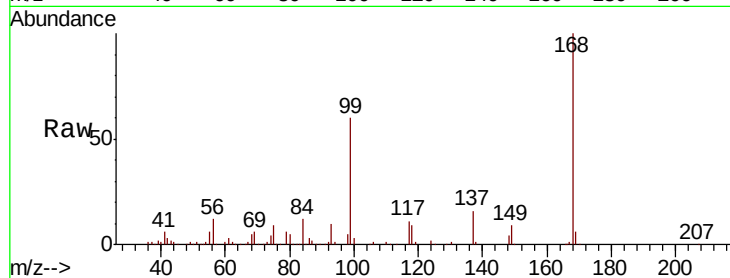
99 59.9 47.6 71.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VY002089.D (-985) (-)

Ion 98.90 (98.60 to 99.60): VY002089.D (-985) (-)

7.80

80000

60000

40000

20000

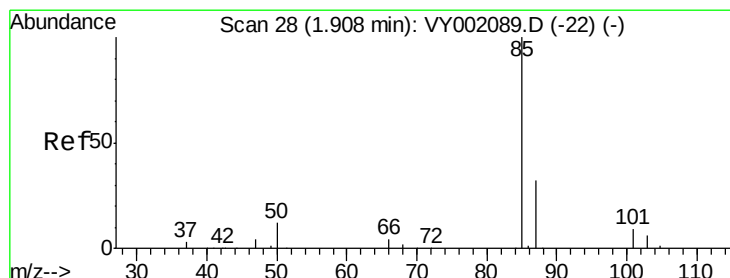
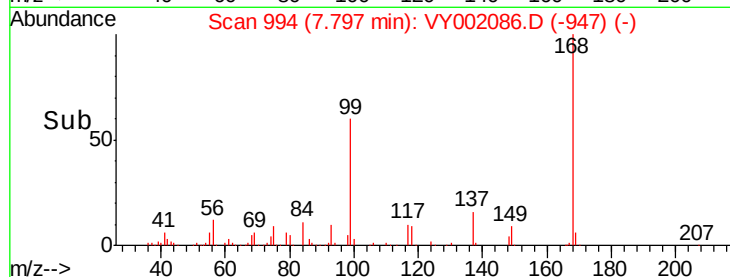
0

7.70

7.80

7.90

Time-->



#2

Dichlorodifluoromethane

Concen: 5.408 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.00 min

Lab File: VY002086.D

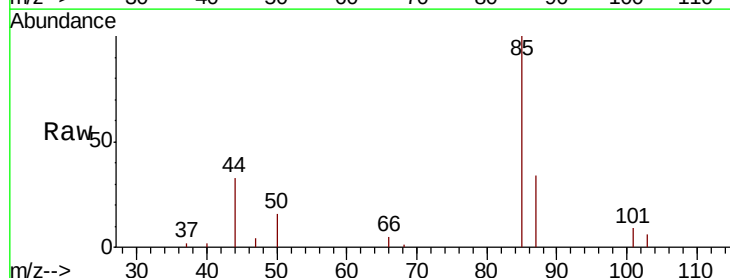
Acq: 26 Mar 2020 15:17

Tgt Ion: 85 Resp: 8083

Ion Ratio Lower Upper

85 100

87 33.8 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VY002089.D (-22) (-)

Ion 86.90 (86.60 to 87.60): VY002089.D (-22) (-)

1.91

6000

5000

4000

3000

2000

1000

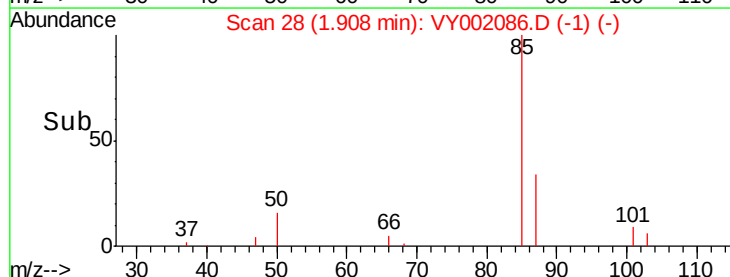
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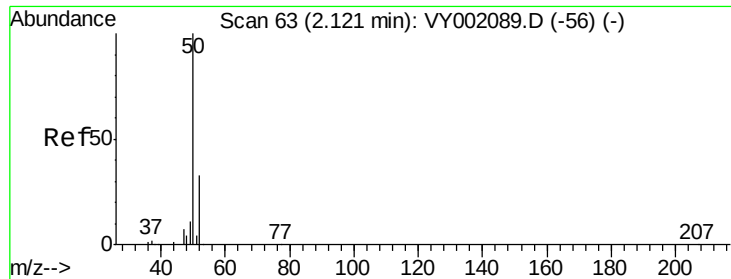
1.85

1.90

1.95

Time-->





#3

Chloromethane

Concen: 5.372 ug/l

RT: 2.12 min Scan# 62

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion: 50 Resp: 11148

Ion Ratio Lower Upper

50 100

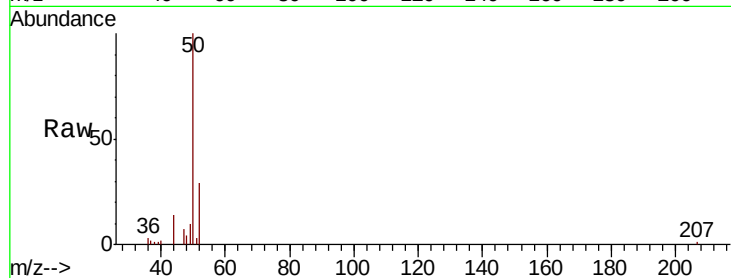
52 28.7 26.1 39.1

Manual Integrations

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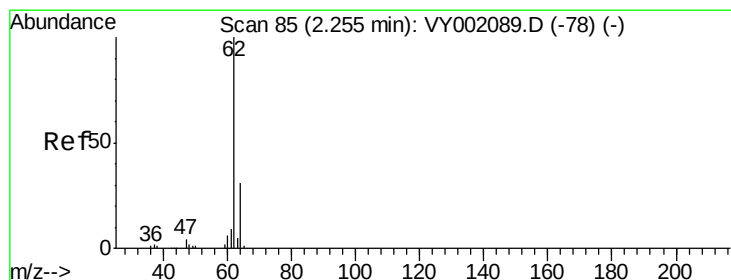
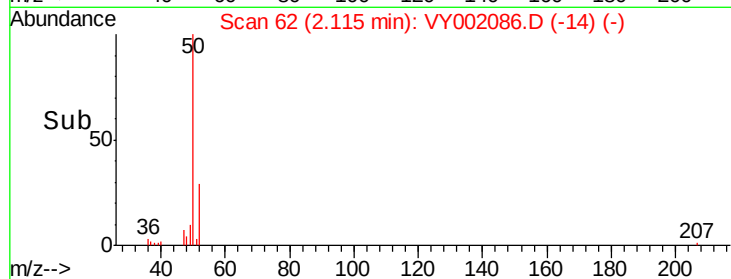
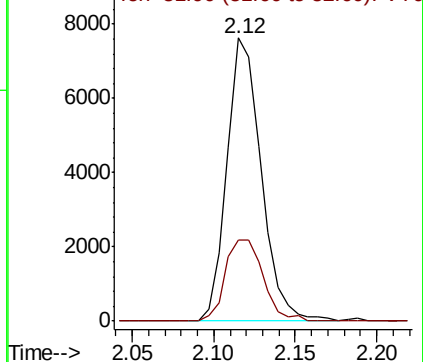
apatel

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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: 5.019 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.00 min

Lab File: VY002086.D

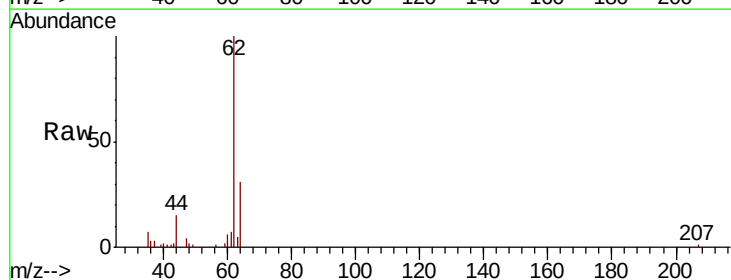
Acq: 26 Mar 2020 15:17

Tgt Ion: 62 Resp: 10594

Ion Ratio Lower Upper

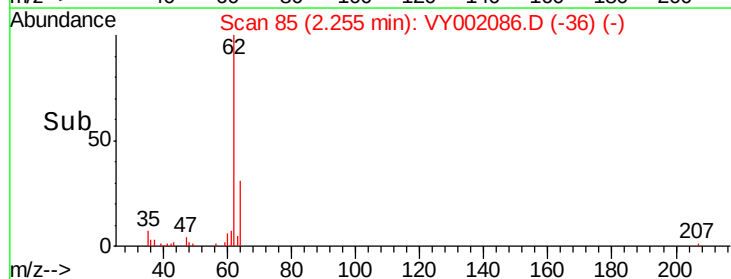
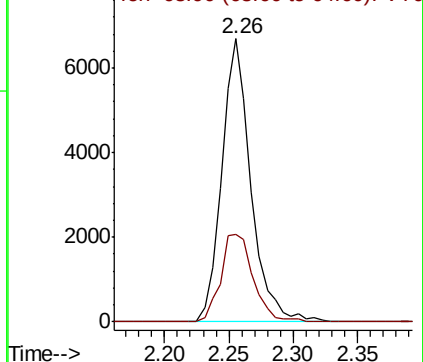
62 100

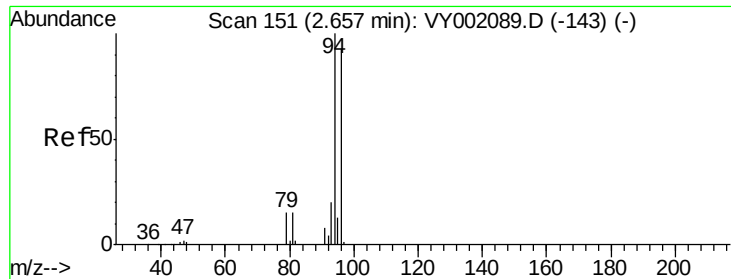
64 31.1 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0





#5

Bromomethane

Concen: 5.238 ug/l

RT: 2.66 min Scan# 151

Delta R.T. 0.00 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion: 94 Resp: 7405

Ion Ratio Lower Upper

94 100

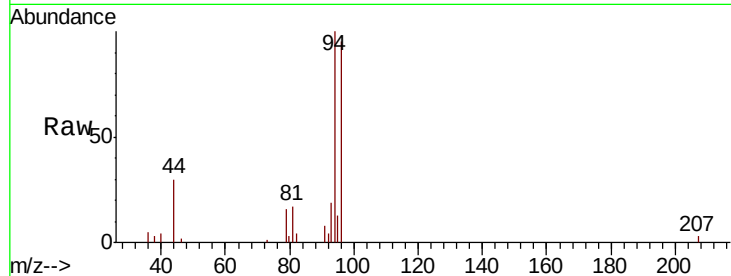
96 95.5 74.1 111.1

Manual Integrations

APPROVED

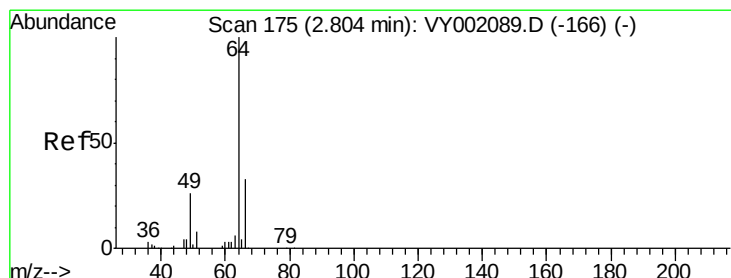
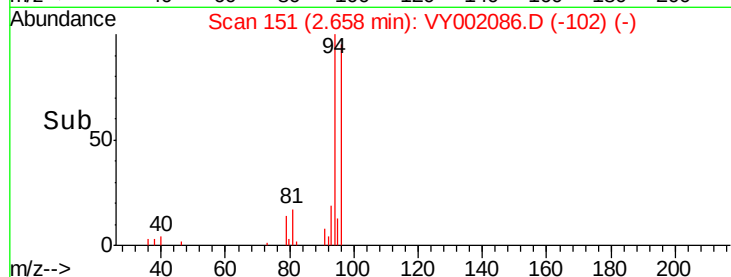
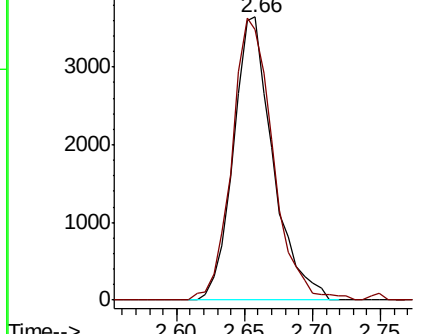
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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0



#6

Chloroethane

Concen: 4.815 ug/l

RT: 2.80 min Scan# 174

Delta R.T. -0.01 min

Lab File: VY002086.D

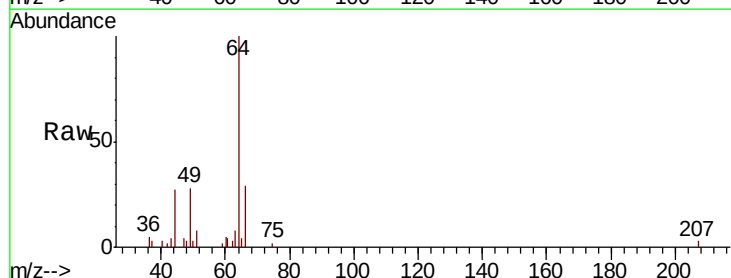
Acq: 26 Mar 2020 15:17

Tgt Ion: 64 Resp: 6464

Ion Ratio Lower Upper

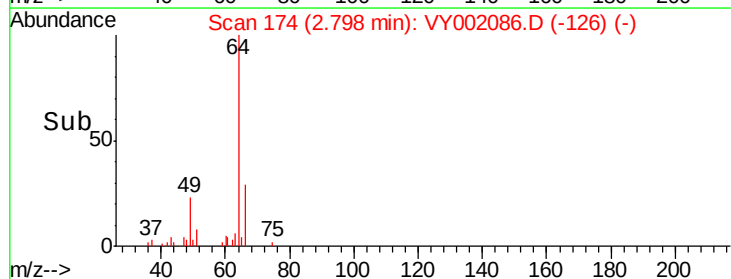
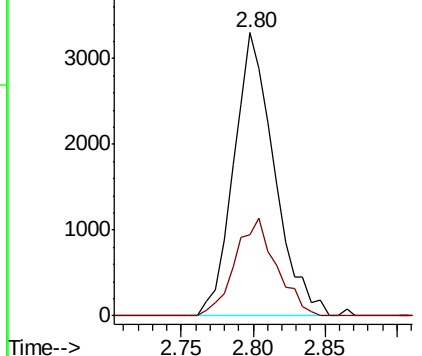
64 100

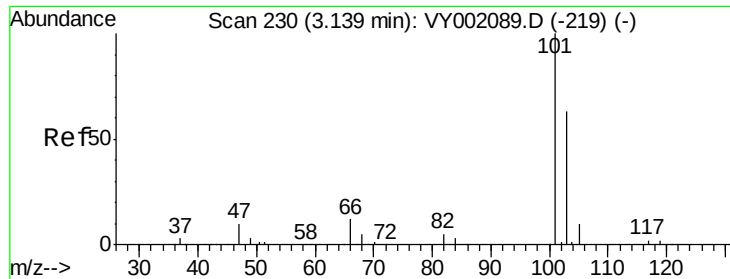
66 28.5 26.6 39.8



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0





#7

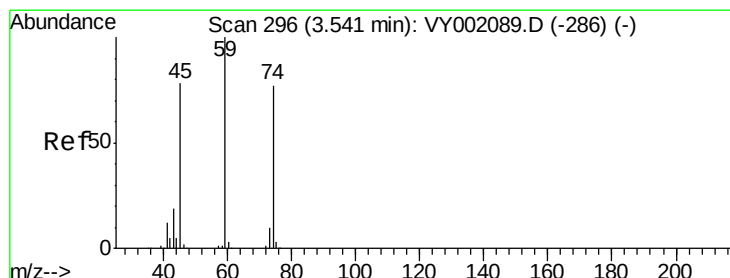
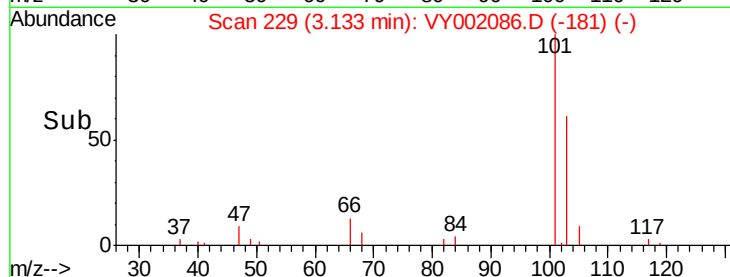
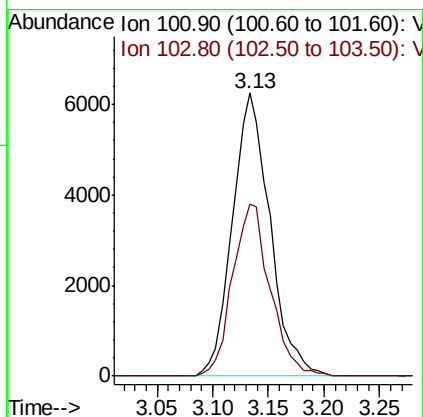
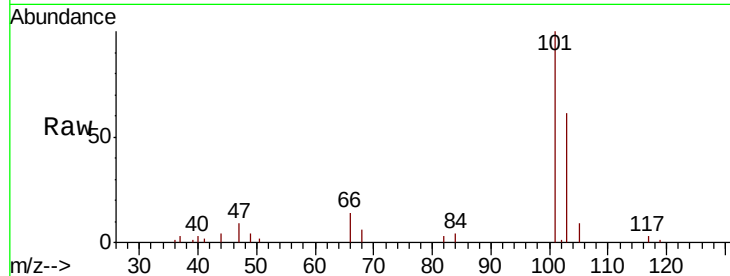
Trichlorofluoromethane  
Concen: 5.068 ug/l  
RT: 3.13 min Scan# 229  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 60.9  | 50.6  | 76.0  |

Manual Integrations  
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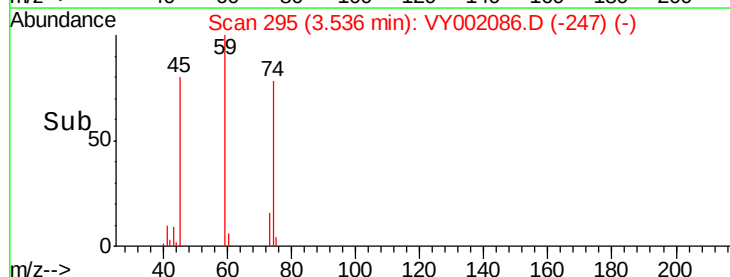
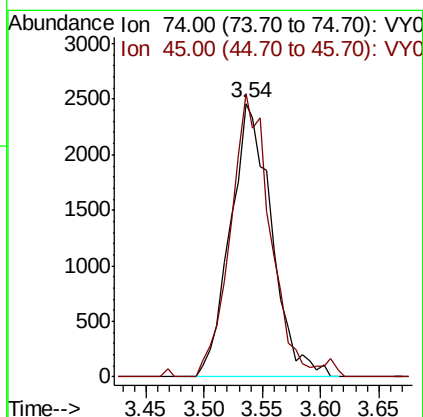
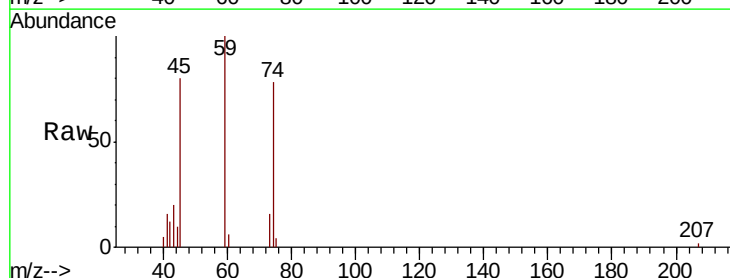
apatel  
3/27/2020 4:13:51 PM



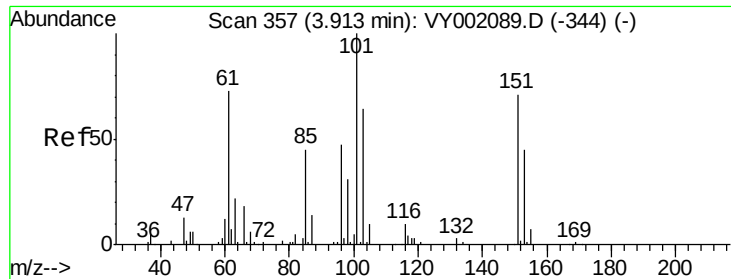
#8

Diethyl Ether  
Concen: 5.272 ug/l  
RT: 3.54 min Scan# 295  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 98.8  | 51.0  | 153.0 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 5.046 ug/l

RT: 3.91 min Scan# 356

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA\_Y

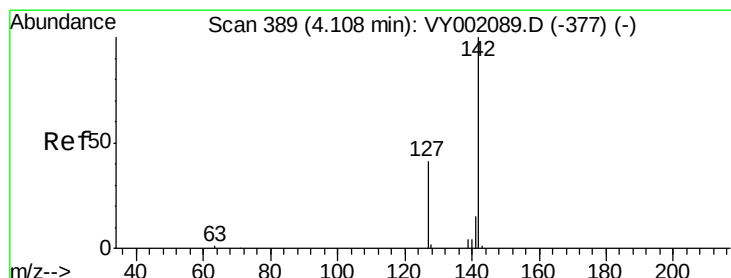
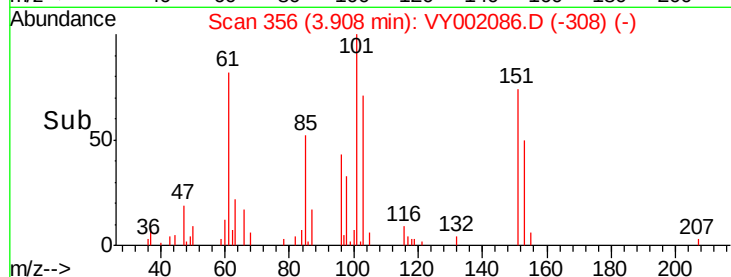
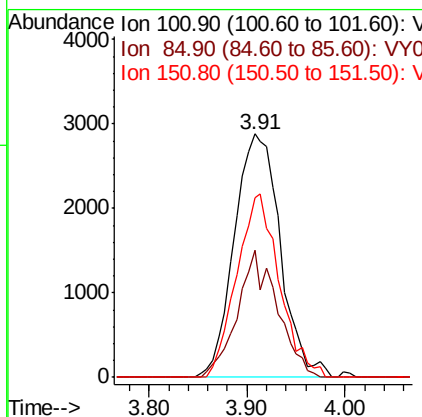
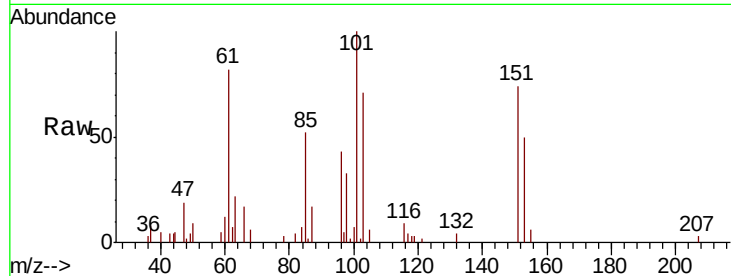
ClientSampleId :

VSTDIC005

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 101   | Resp: | 9420 |
| Ion Ratio | Lower | Upper |      |
| 101       | 100   |       |      |
| 85        | 45.2  | 35.9  | 53.9 |
| 151       | 69.7  | 57.5  | 86.3 |

Manual Integrations  
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#10

Methyl Iodide

Concen: 4.387 ug/l

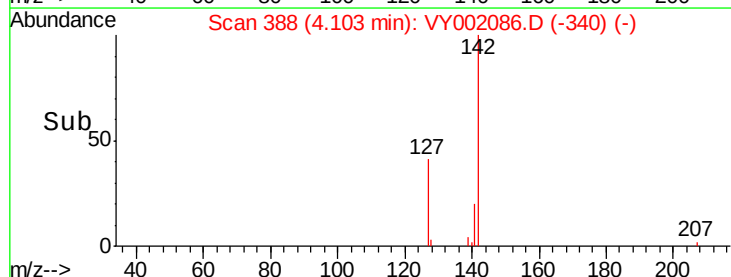
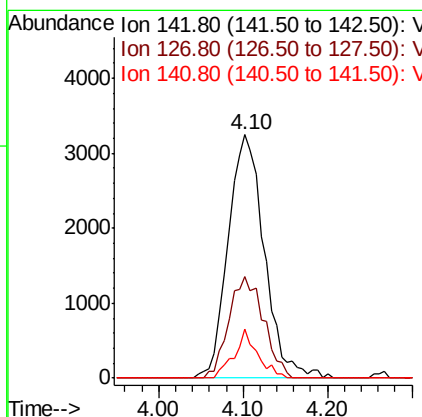
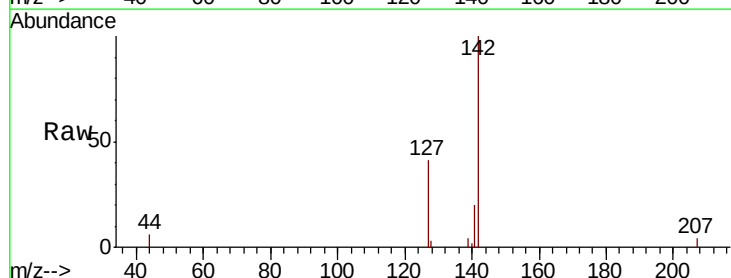
RT: 4.10 min Scan# 388

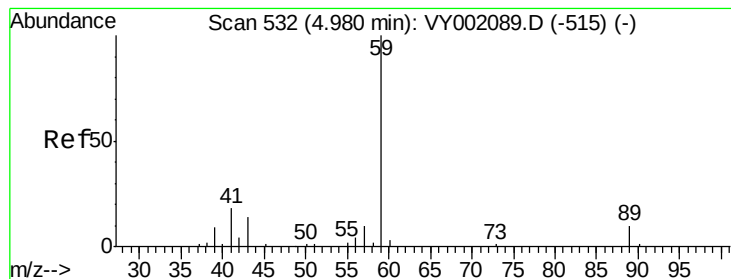
Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 142   | Resp: | 9458 |
| Ion Ratio | Lower | Upper |      |
| 142       | 100   |       |      |
| 127       | 40.0  | 32.6  | 49.0 |
| 141       | 13.0  | 11.4  | 17.0 |





#11

Tert butyl alcohol

Concen: 29.796 ug/l m

RT: 4.95 min Scan# 527

Delta R.T. -0.03 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion: 59 Resp: 6608

Ion Ratio Lower Upper

59 100

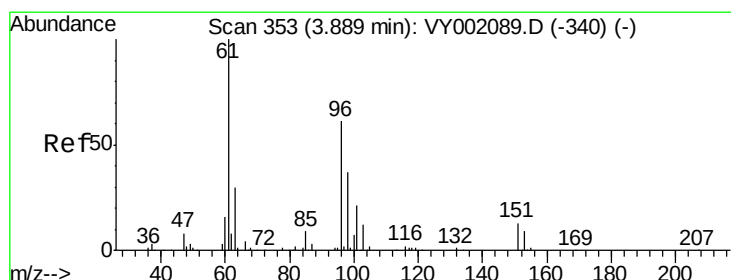
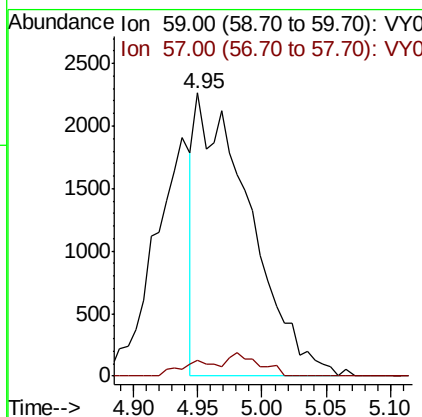
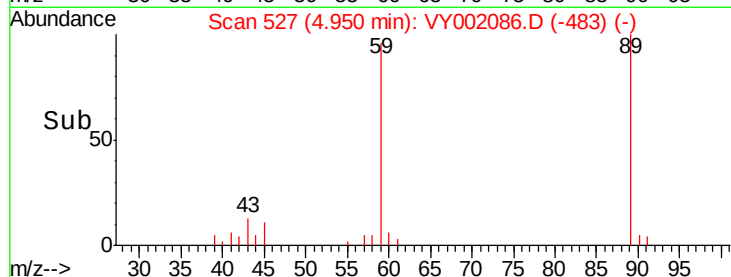
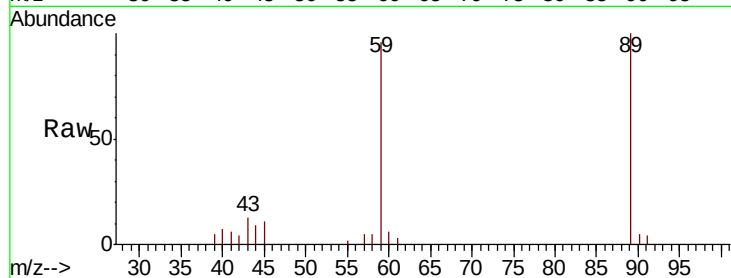
57 3.6 7.7 11.5#

Manual Integrations

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#12

1,1-Dichloroethene

Concen: 4.984 ug/l

RT: 3.88 min Scan# 352

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

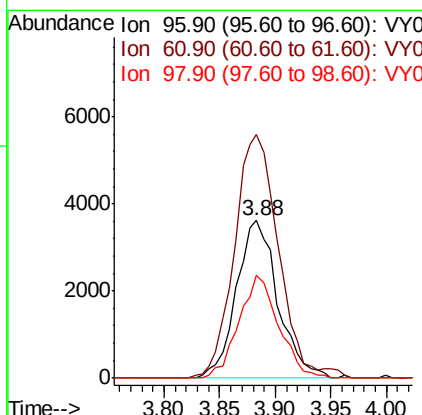
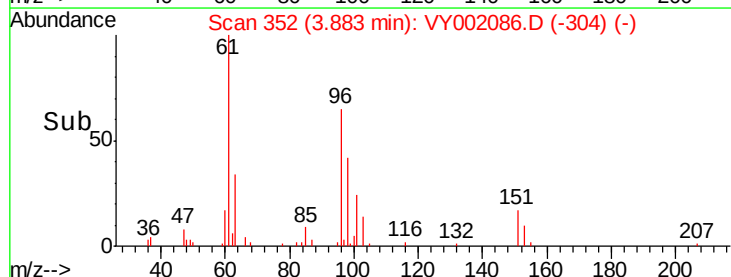
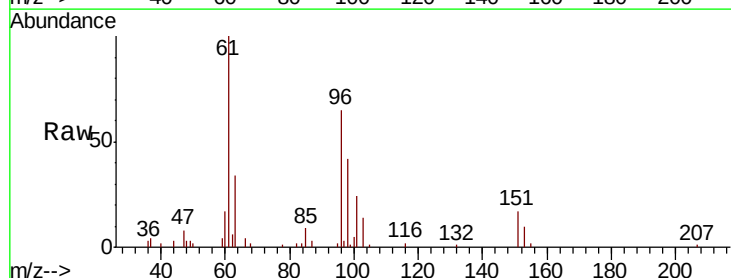
Tgt Ion: 96 Resp: 9365

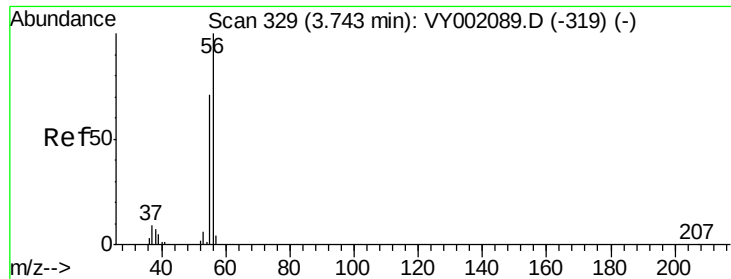
Ion Ratio Lower Upper

96 100

61 154.7 132.0 198.0

98 65.4 49.4 74.0





#13

Acrolein

Concen: 21.841 ug/l

RT: 3.74 min Scan# 329

Delta R.T. 0.00 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion: 56 Resp: 5825

Ion Ratio Lower Upper

56 100

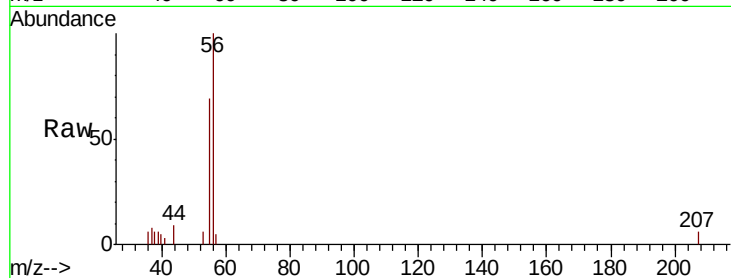
55 71.8 56.5 84.7

Manual Integrations

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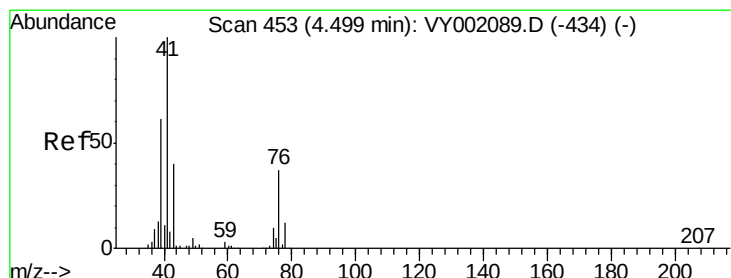
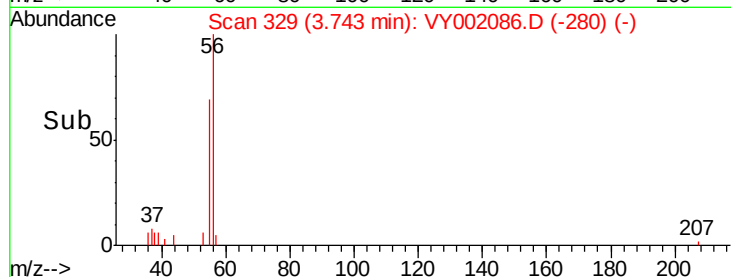
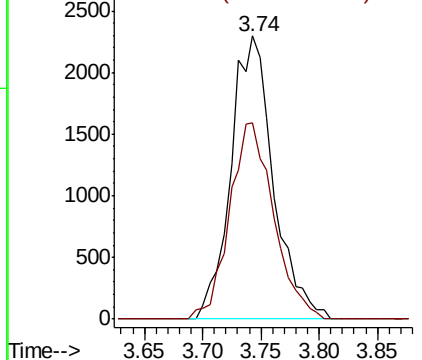
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VY0

Ion 55.00 (54.70 to 55.70): VY0



#14

Allyl chloride

Concen: 5.073 ug/l

RT: 4.49 min Scan# 452

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

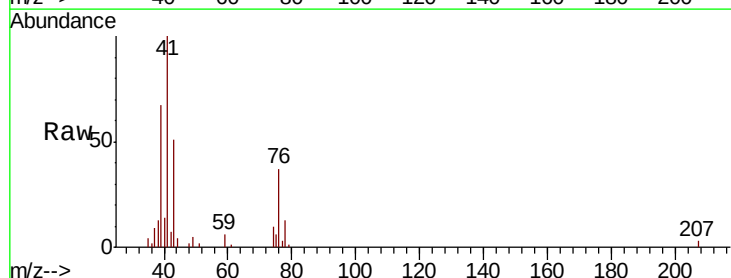
Tgt Ion: 41 Resp: 17066

Ion Ratio Lower Upper

41 100

39 61.2 49.0 73.4

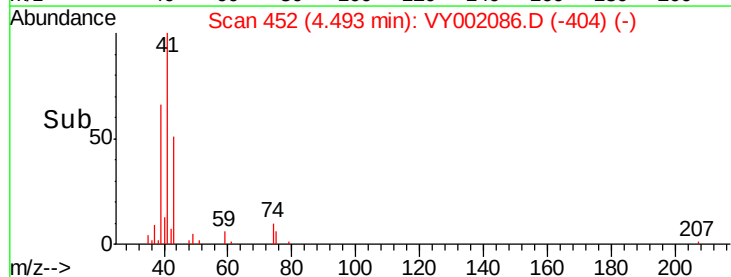
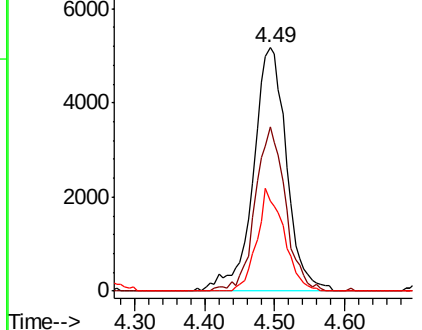
76 34.5 27.8 41.8

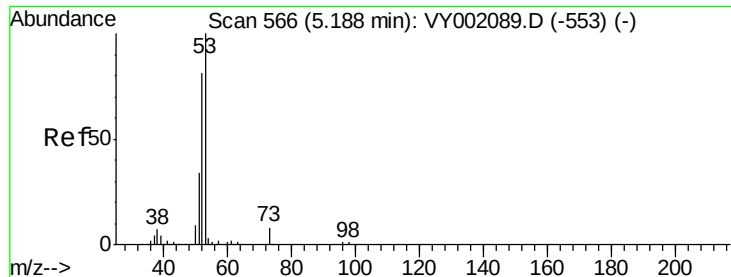


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 75.90 (75.60 to 76.60): VY0





#15

Acrylonitrile

Concen: 24.649 ug/l

RT: 5.18 min Scan# 565

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA\_Y

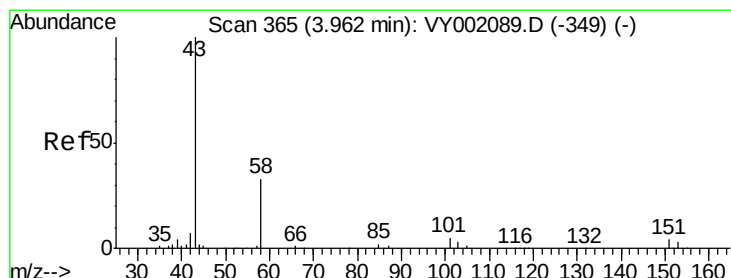
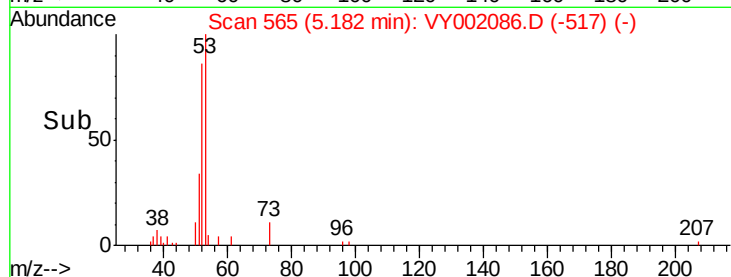
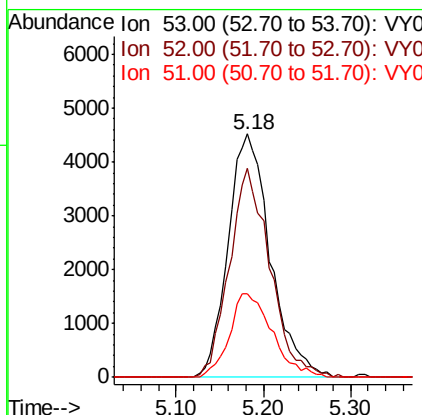
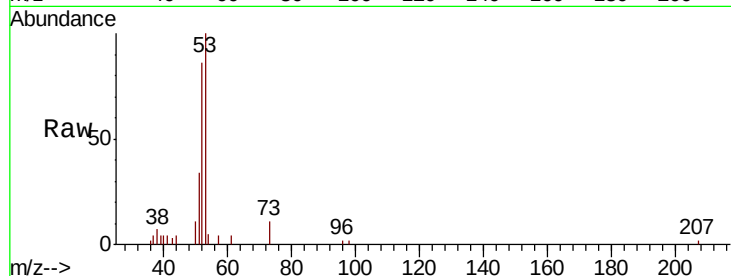
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 15132 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 82.9  | 64.6  | 97.0  |
| 51       | 34.9  | 27.9  | 41.9  |

Manual Integrations  
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#16

Acetone

Concen: 28.028 ug/l

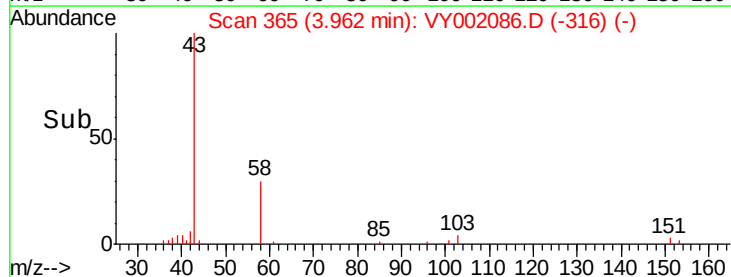
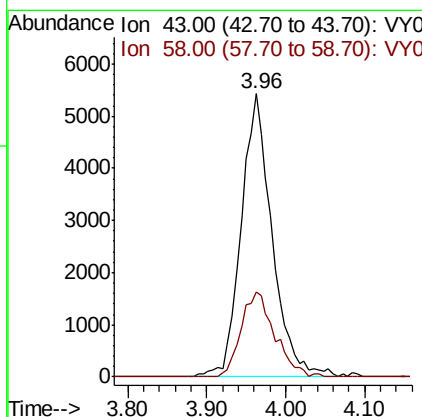
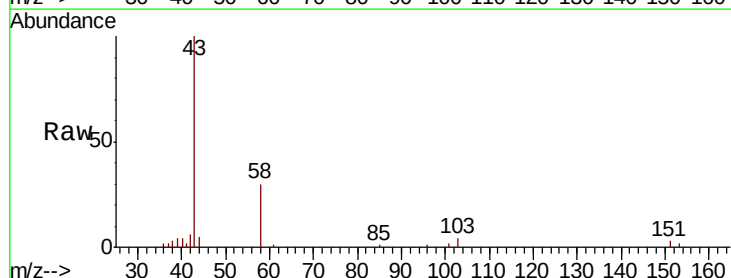
RT: 3.96 min Scan# 365

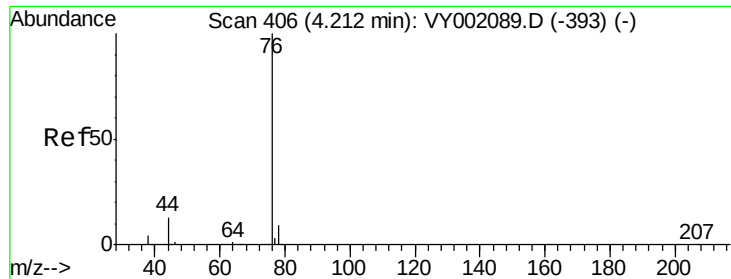
Delta R.T. 0.00 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 14771 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 30.0  | 26.3  | 39.5  |





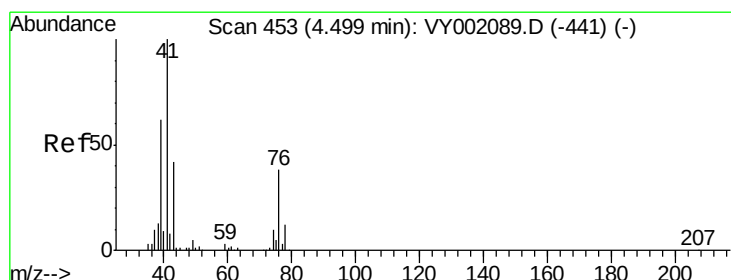
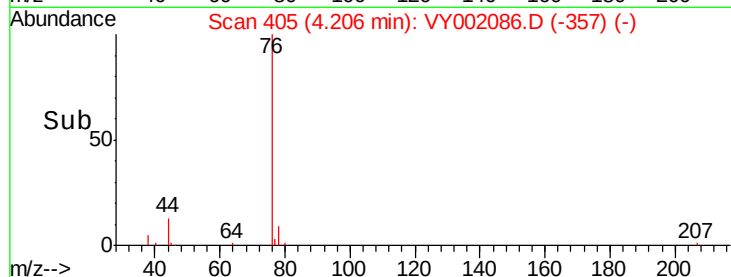
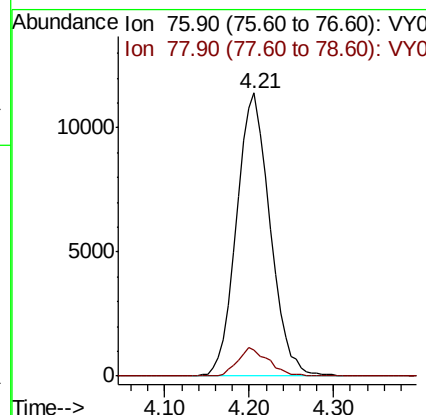
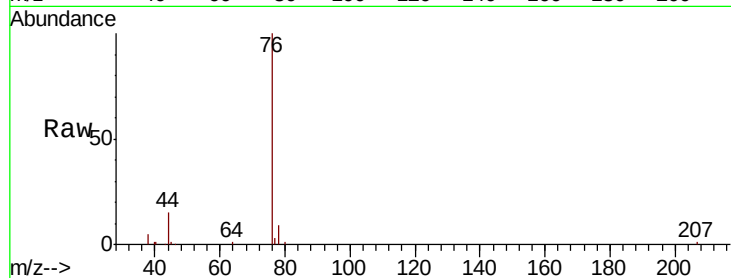
#17  
Carbon Disulfide  
Concen: 4.863 ug/l  
RT: 4.21 min Scan# 405  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

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

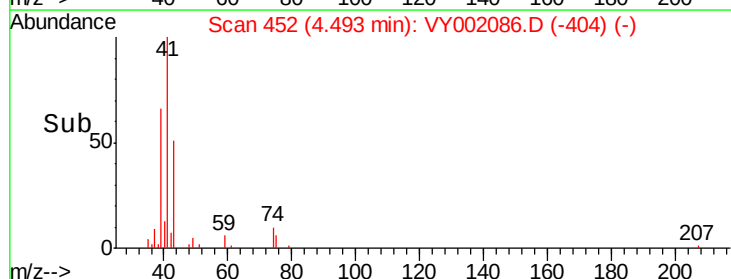
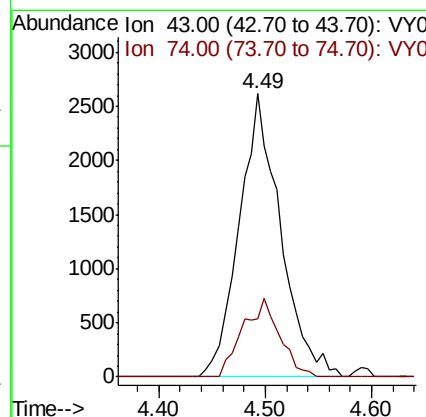
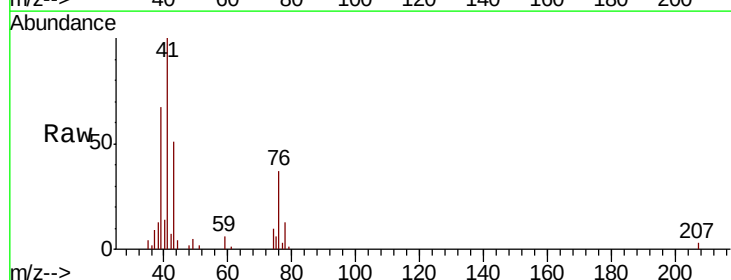
Manual Integrations  
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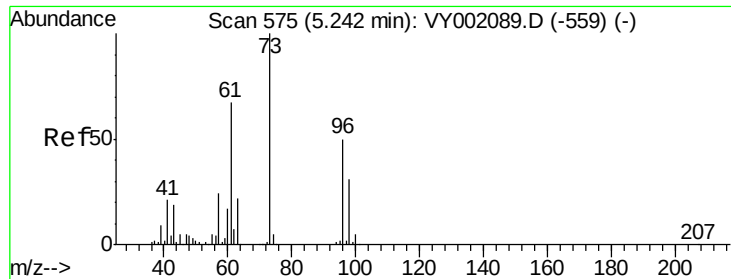
apatel  
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#18  
Methyl Acetate  
Concen: 5.257 ug/l  
RT: 4.49 min Scan# 452  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 24.9  | 18.3  | 27.5  |





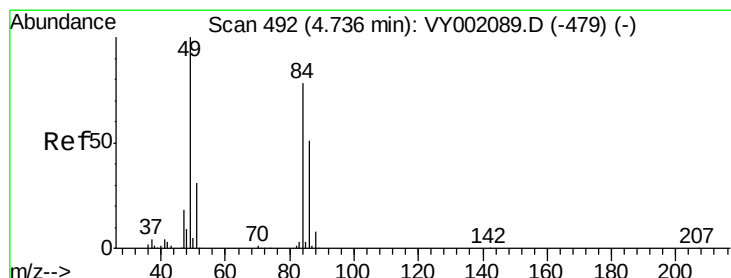
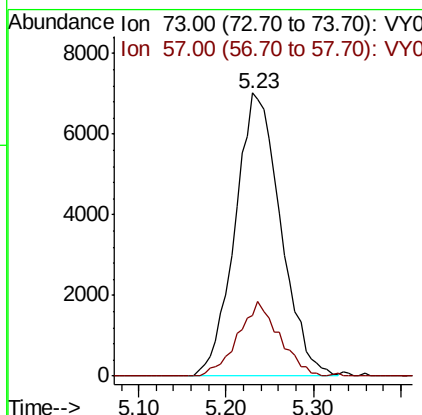
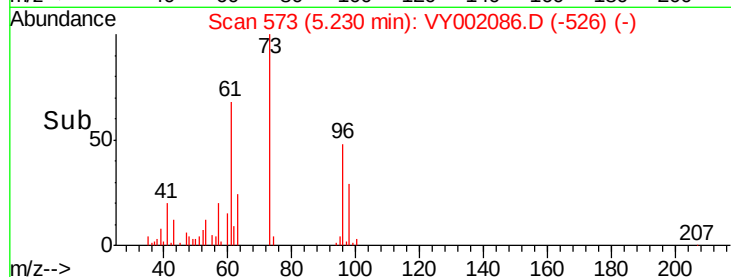
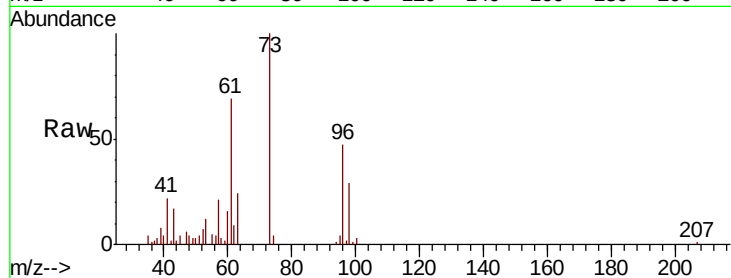
#19  
Methyl tert-butyl Ether  
Concen: 4.973 ug/l  
RT: 5.23 min Scan# 573  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

Tot Ion: 73 Resp: 25477  
Ion Ratio Lower Upper  
73 100  
57 21.3 19.0 28.6

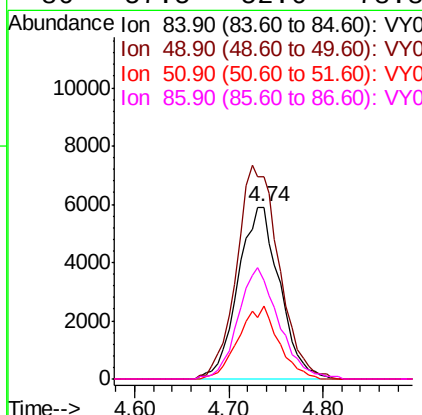
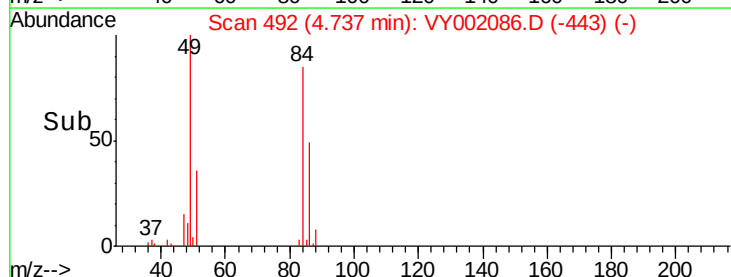
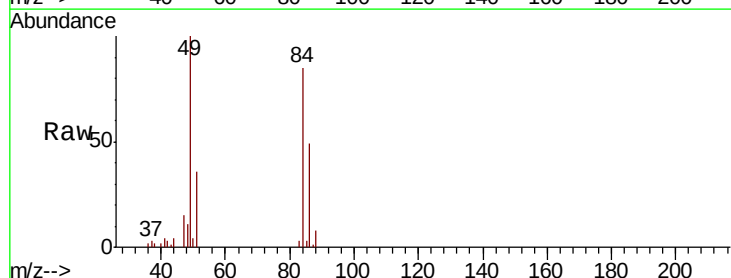
Manual Integrations  
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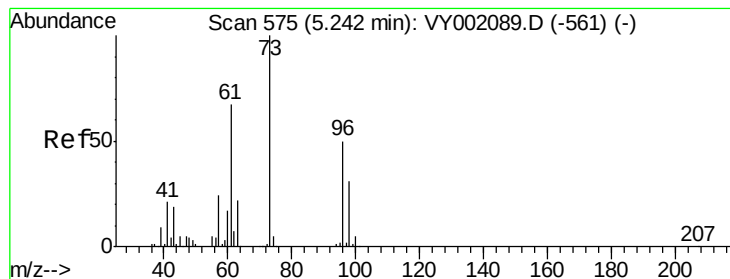
apatel  
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#20  
Methylene Chloride  
Concen: 8.086 ug/l  
RT: 4.74 min Scan# 492  
Delta R.T. 0.00 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

Tgt Ion: 84 Resp: 18333  
Ion Ratio Lower Upper  
84 100  
49 117.3 102.2 153.4  
51 42.4 31.2 46.8  
86 57.5 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 4.824 ug/l

RT: 5.23 min Scan# 573

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA\_Y

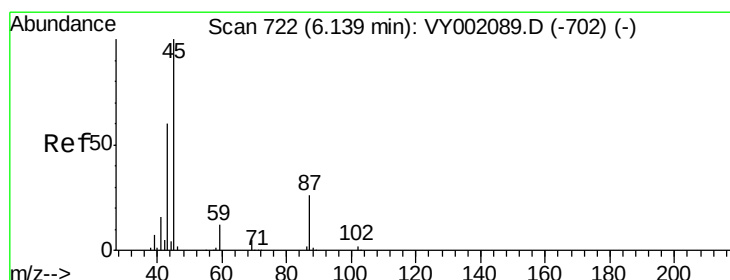
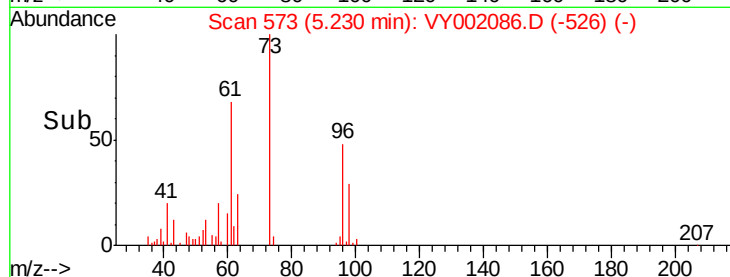
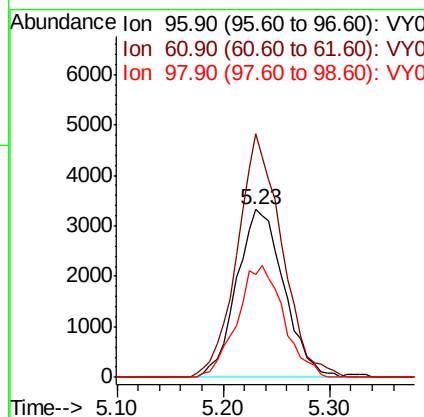
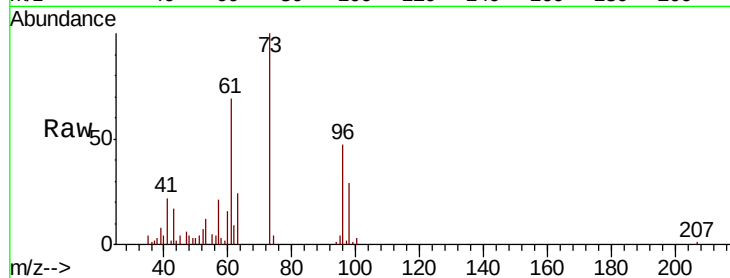
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 10333 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 145.1 | 107.7 | 161.5 |
| 98       | 61.0  | 50.5  | 75.7  |

Manual Integrations  
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#22

Diisopropyl ether

Concen: 4.991 ug/l

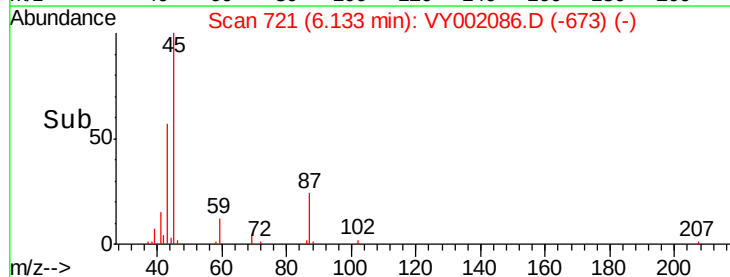
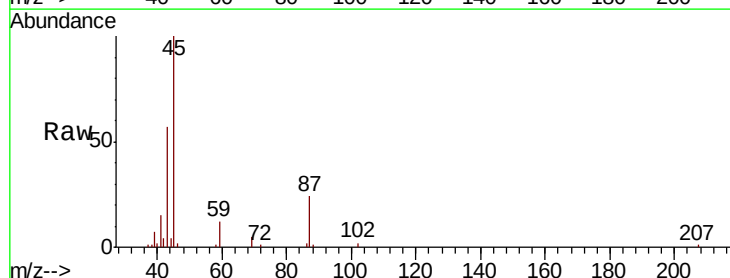
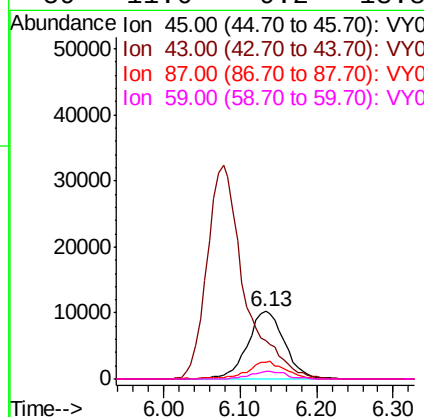
RT: 6.13 min Scan# 721

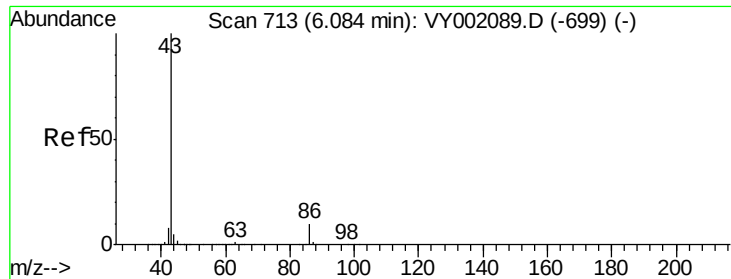
Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 34455 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 56.5  | 48.1  | 72.1  |
| 87       | 24.4  | 21.1  | 31.7  |
| 59       | 11.6  | 9.2   | 13.8  |





#23

Vinyl Acetate

Concen: 24.305 ug/l

RT: 6.08 min Scan# 712

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 109697

Ion Ratio Lower Upper

43 100

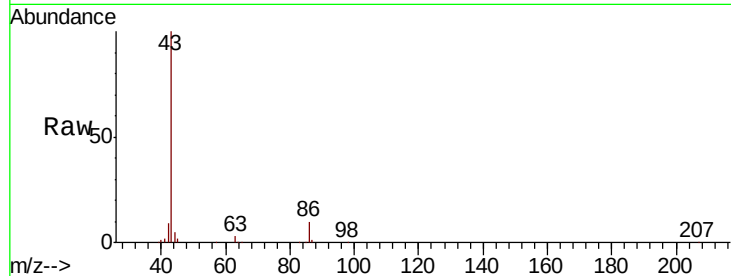
86 9.6 7.9 11.9

Manual Integrations

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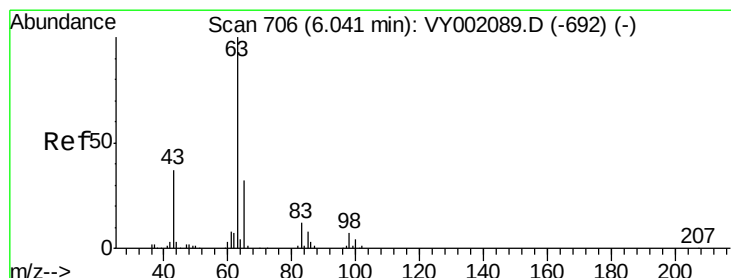
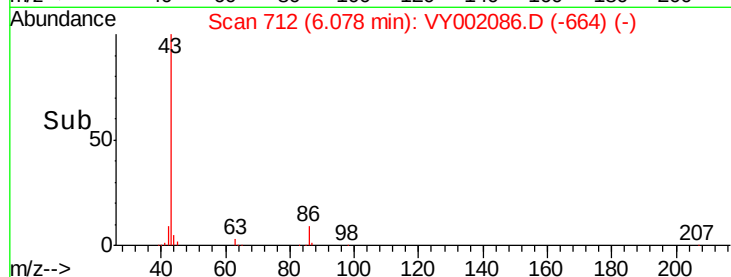
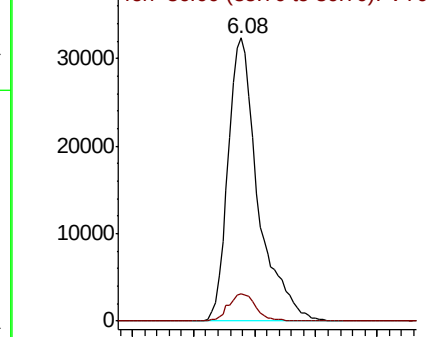
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 86.00 (85.70 to 86.70): VY0



#24

1,1-Dichloroethane

Concen: 4.882 ug/l

RT: 6.04 min Scan# 705

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

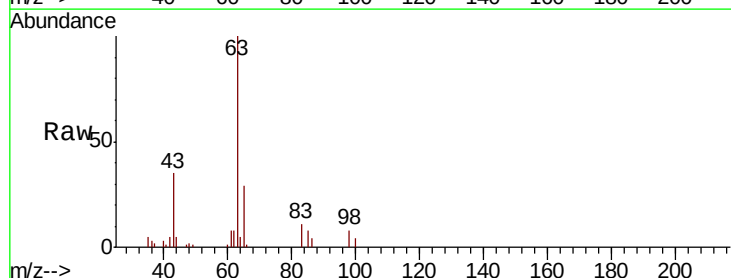
Tgt Ion: 63 Resp: 18190

Ion Ratio Lower Upper

63 100

98 7.8 3.3 9.9

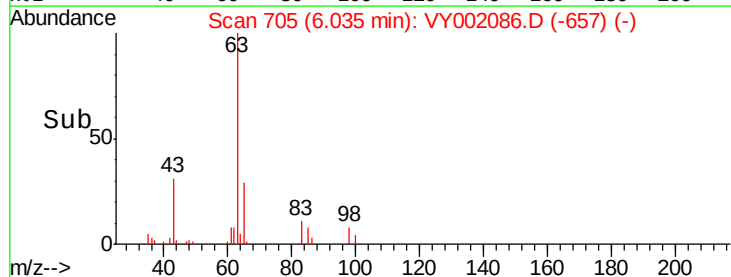
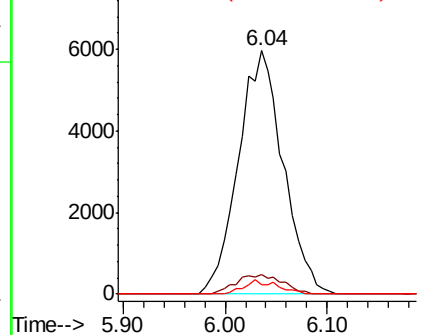
100 3.8 1.8 5.5



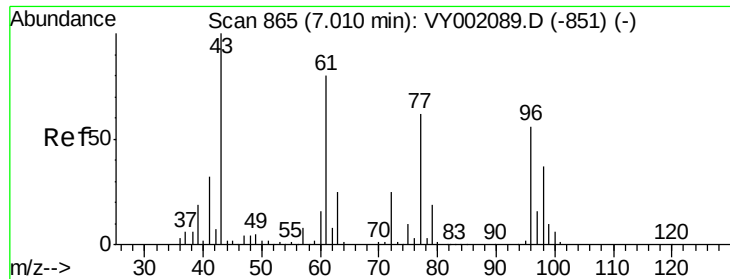
Abundance Ion 62.90 (62.60 to 63.60): VY0

Ion 97.90 (97.60 to 98.60): VY0

Ion 99.90 (99.60 to 100.60): VY0







#25

2-Butanone

Concen: 25.877 ug/l

RT: 7.00 min Scan# 863

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion: 43 Resp: 20748

Ion Ratio Lower Upper

43 100

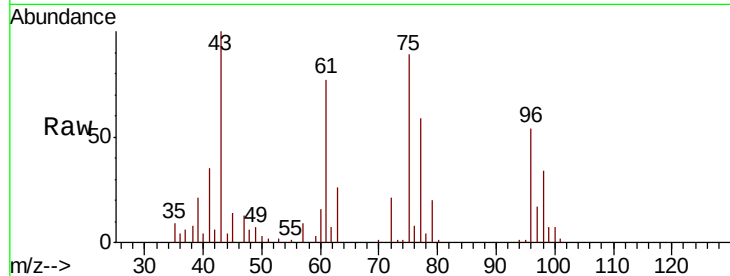
72 21.5 20.2 30.2

Manual Integrations

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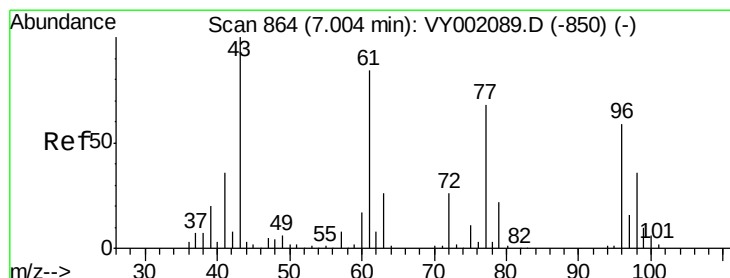
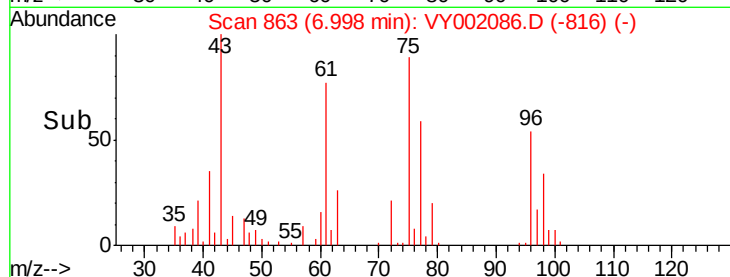
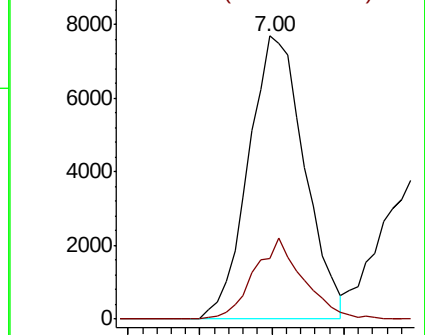
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VY0

Ion 72.00 (71.70 to 72.70): VY0



#26

2,2-Dichloropropane

Concen: 4.968 ug/l

RT: 6.99 min Scan# 862

Delta R.T. -0.01 min

Lab File: VY002086.D

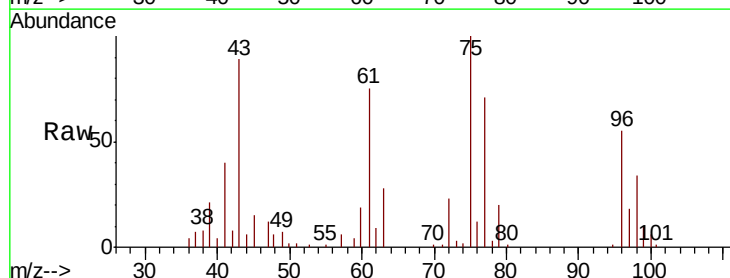
Acq: 26 Mar 2020 15:17

Tgt Ion: 77 Resp: 15225

Ion Ratio Lower Upper

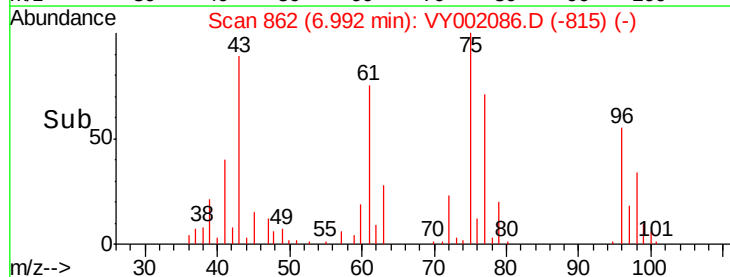
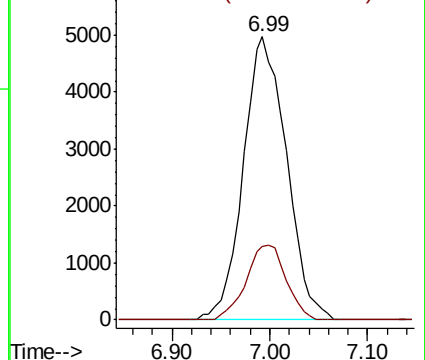
77 100

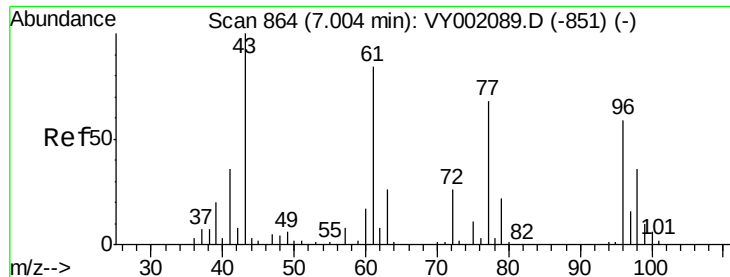
97 24.4 11.7 35.1



Abundance Ion 76.90 (76.60 to 77.60): VY0

Ion 96.90 (96.60 to 97.60): VY0





#27

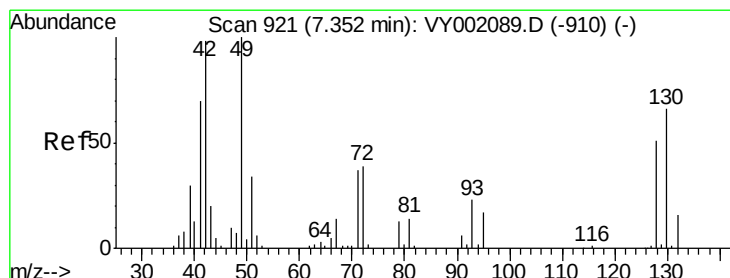
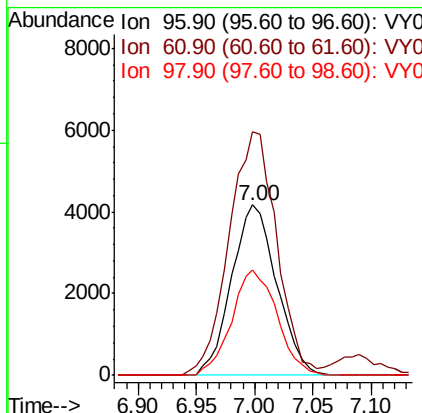
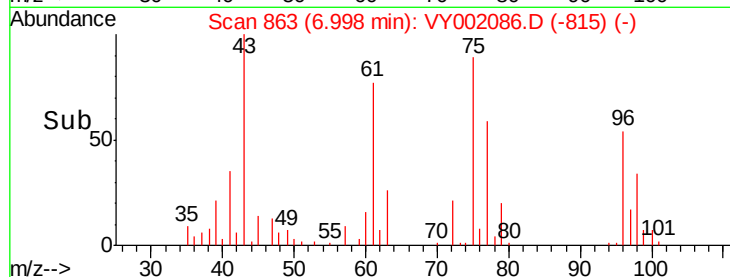
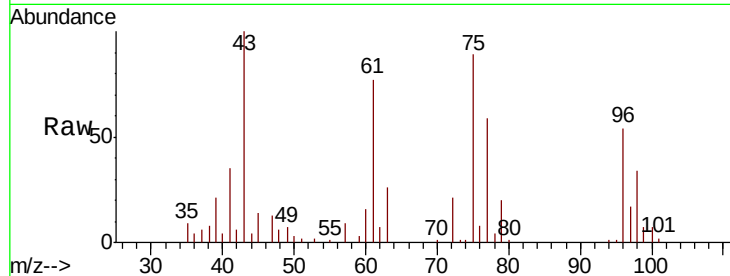
cis-1,2-Dichloroethene  
Concen: 4.821 ug/l  
RT: 7.00 min Scan# 863  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 151.0 | 0.0   | 290.6 |
| 98      | 62.0  | 0.0   | 128.0 |

Manual Integrations  
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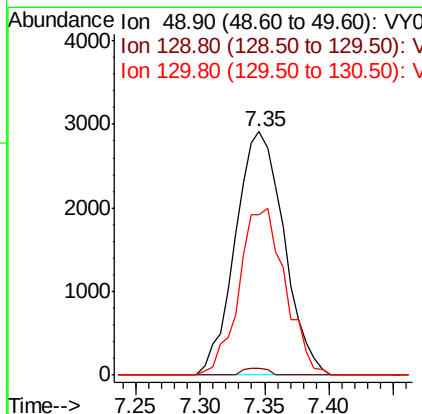
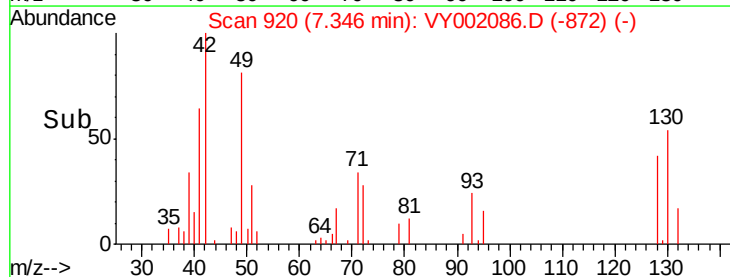
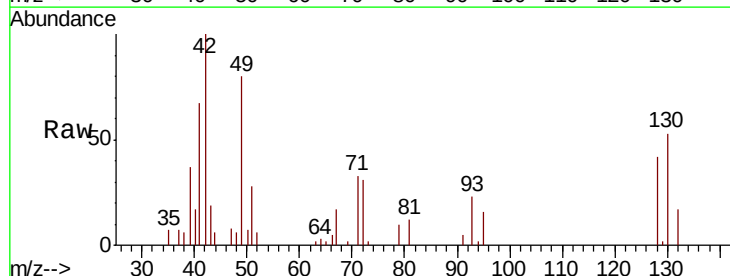
apatel  
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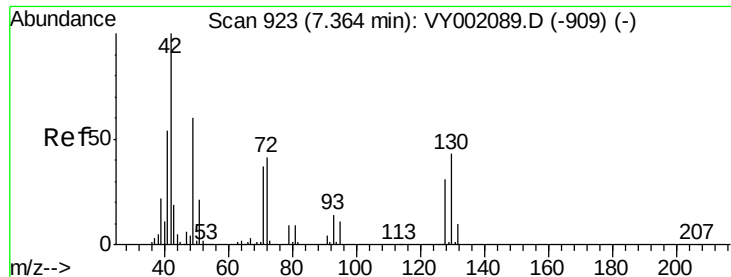


#28

Bromochloromethane  
Concen: 4.479 ug/l  
RT: 7.35 min Scan# 920  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.4   | 0.0   | 3.4   |
| 130     | 64.8  | 54.1  | 81.1  |





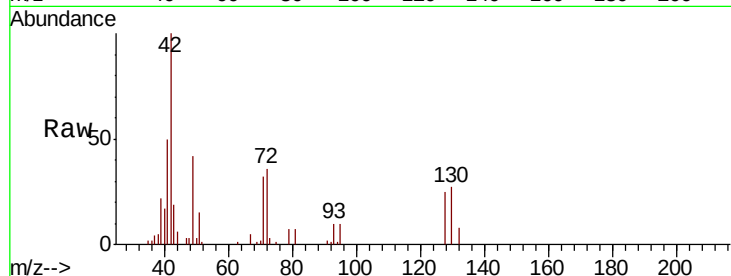
#29  
Tetrahydrofuran  
Concen: 25.644 ug/l  
RT: 7.36 min Scan# 922  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

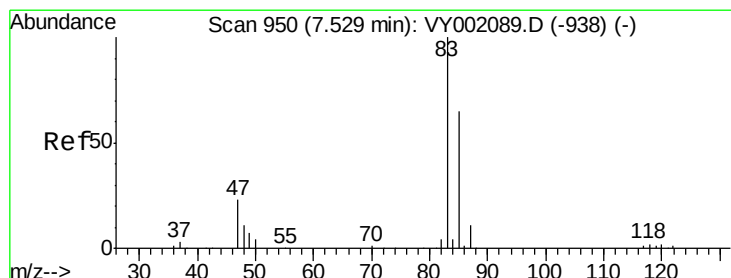
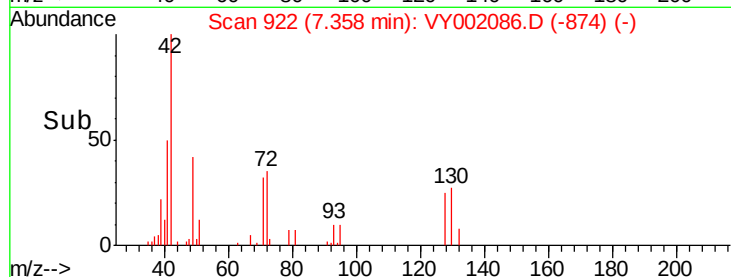
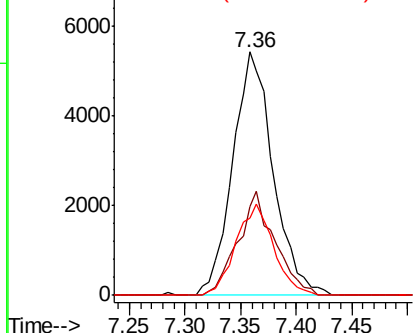
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 39.0  | 33.0  | 49.4  |
| 71      | 34.9  | 31.2  | 46.8  |

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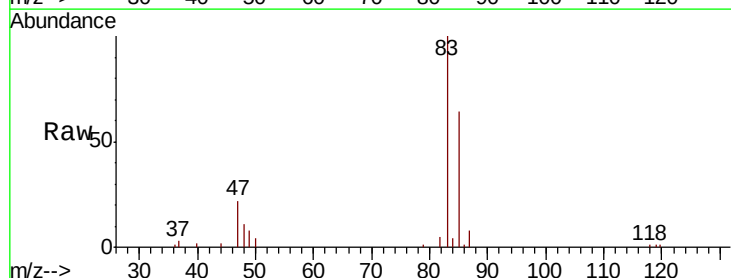


Abundance Ion 42.00 (41.70 to 42.70): VY0  
Ion 72.00 (71.70 to 72.70): VY0  
Ion 71.00 (70.70 to 71.70): VY0

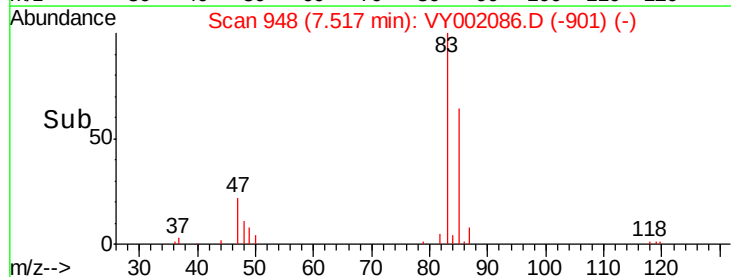
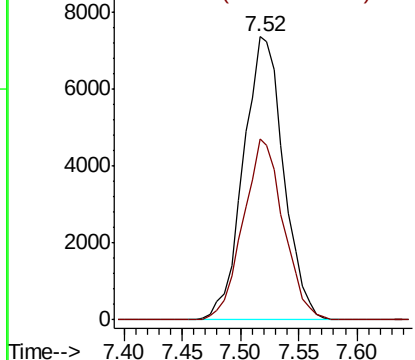


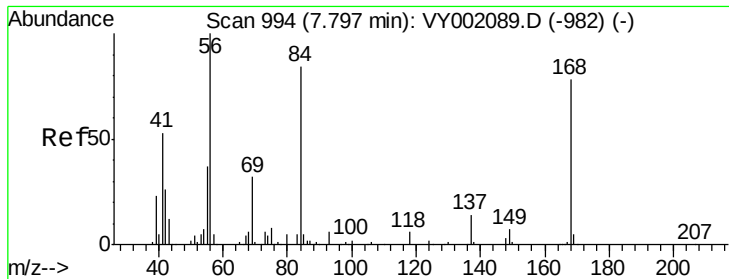
#30  
Chloroform  
Concen: 5.044 ug/l  
RT: 7.52 min Scan# 948  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.9  | 52.4  | 78.6  |



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





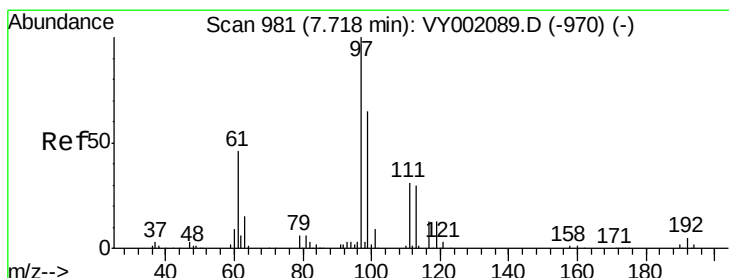
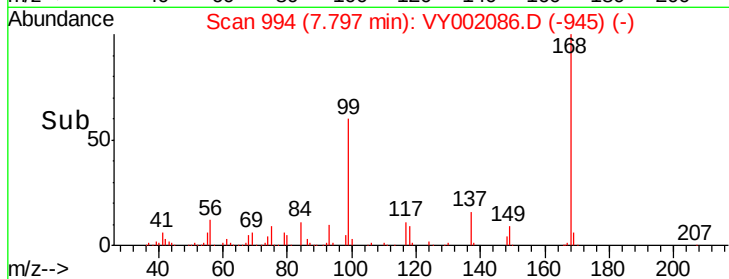
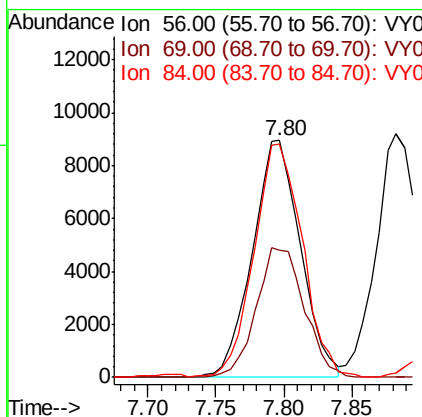
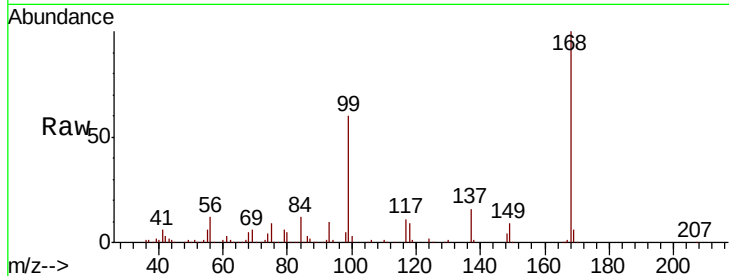
#31  
Cyclohexane  
Concen: 5.568 ug/l  
RT: 7.80 min Scan# 994  
Delta R.T. 0.00 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 53.5  | 25.8  | 38.8# |
| 84      | 98.5  | 67.1  | 100.7 |

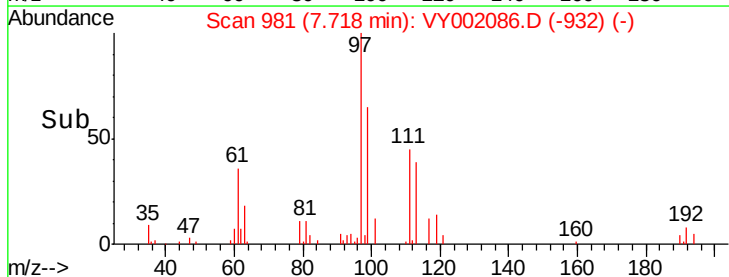
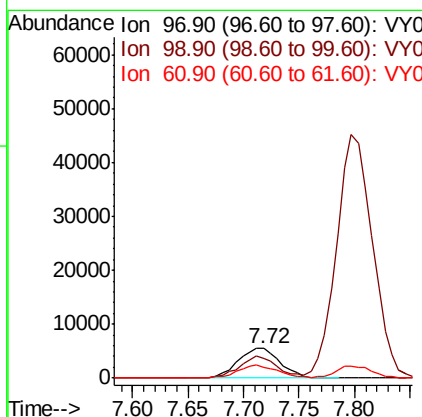
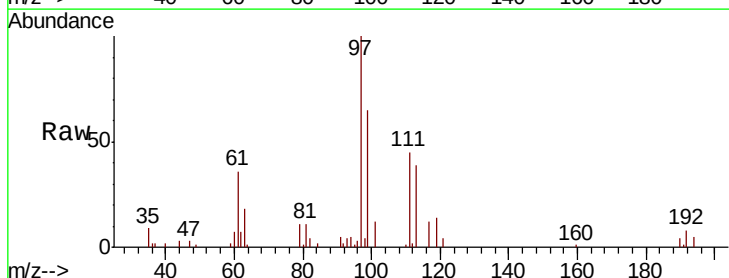
Manual Integrations  
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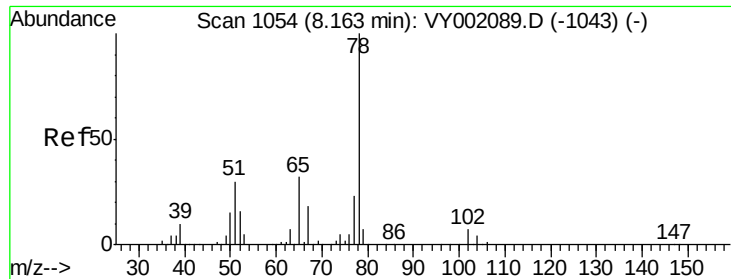
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#32  
1,1,1-Trichloroethane  
Concen: 4.904 ug/l  
RT: 7.72 min Scan# 981  
Delta R.T. 0.00 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 67.4  | 52.0  | 78.0  |
| 61      | 42.0  | 35.7  | 53.5  |





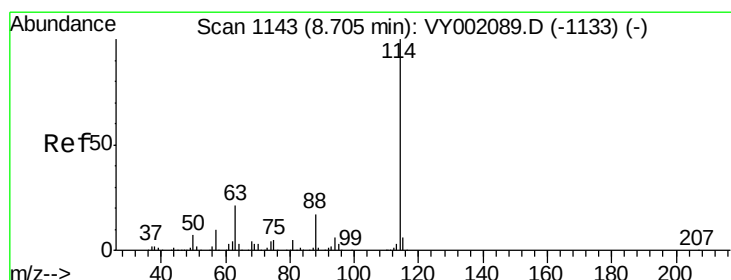
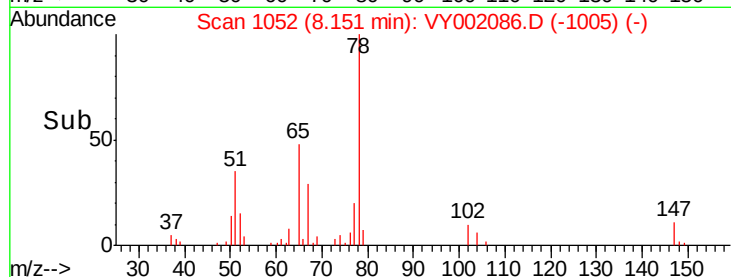
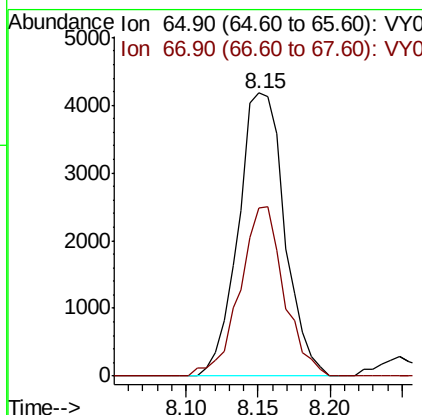
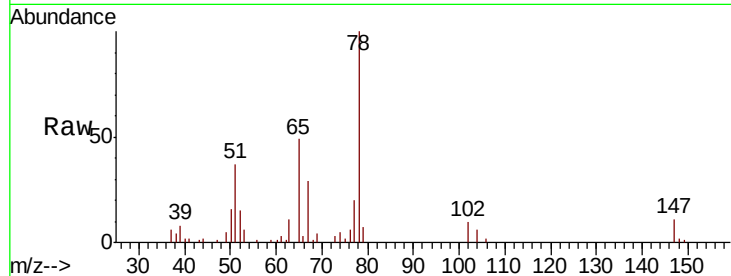
#33  
 1,2-Dichloroethane-d4  
 Concen: 5.052 ug/l  
 RT: 8.15 min Scan# 1052  
 Delta R.T. -0.01 min  
 Lab File: VY002086.D  
 Acq: 26 Mar 2020 15:17

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 57.2  | 0.0   | 112.8 |

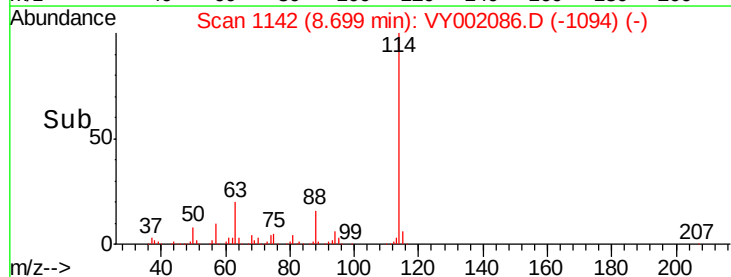
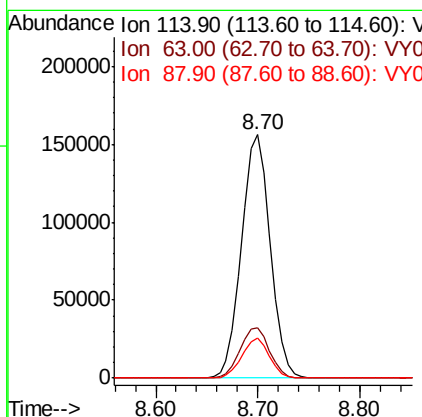
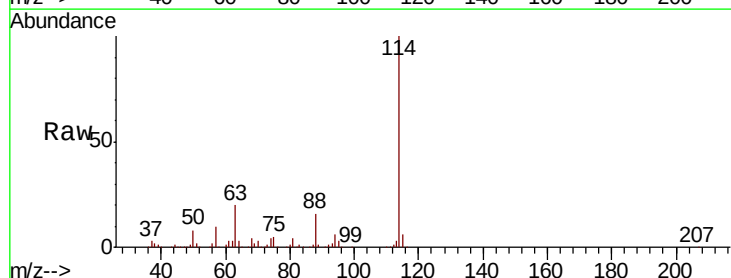
Manual Integrations  
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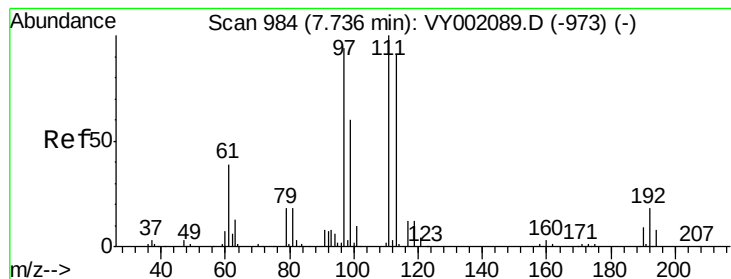
apatel  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.70 min Scan# 1142  
 Delta R.T. -0.01 min  
 Lab File: VY002086.D  
 Acq: 26 Mar 2020 15:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 20.5  | 0.0   | 41.4  |
| 88      | 16.3  | 0.0   | 33.0  |





#35

Dibromofluoromethane

Concen: 4.954 ug/l

RT: 7.73 min Scan# 983

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA\_Y

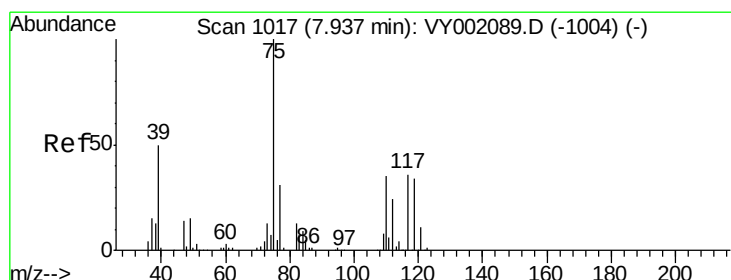
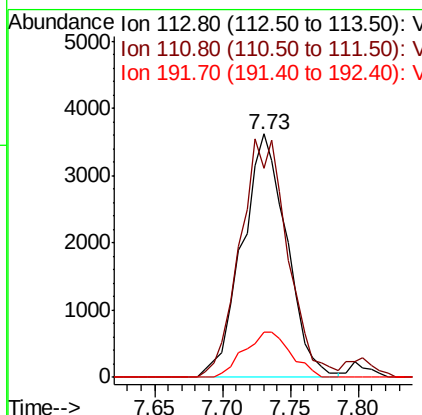
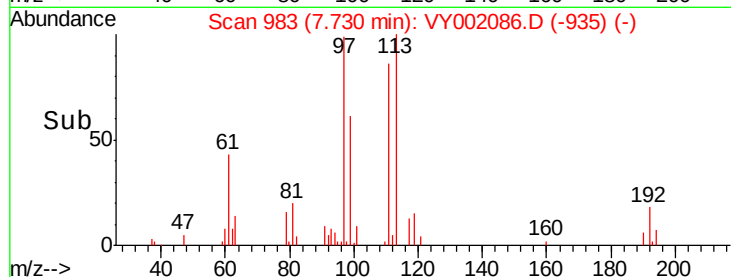
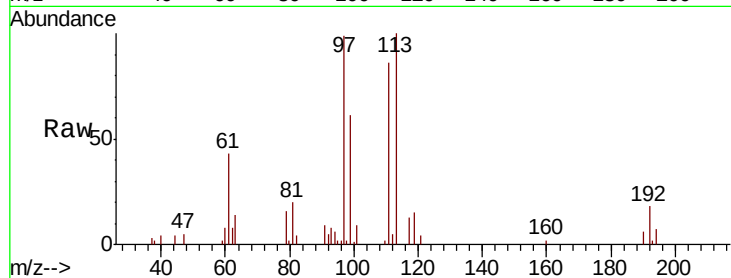
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 8311  |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 104.4 | 84.4  | 126.6 |
| 192      | 19.4  | 14.6  | 21.8  |

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#36

1,1-Dichloropropene

Concen: 5.060 ug/l

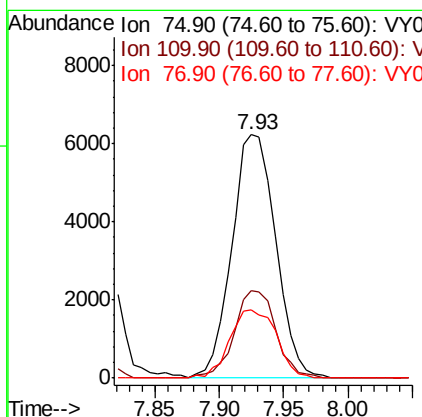
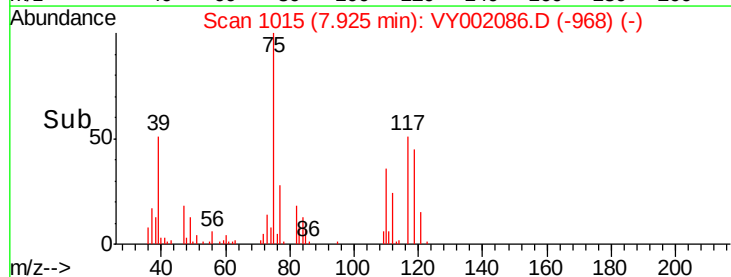
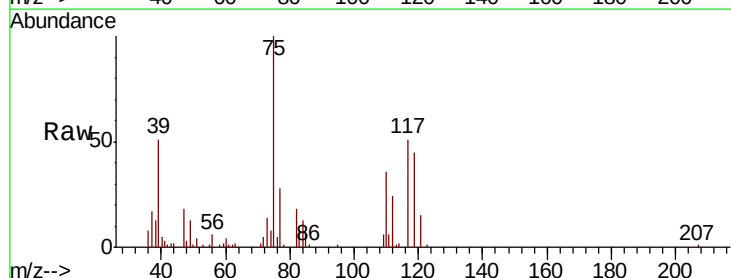
RT: 7.93 min Scan# 1015

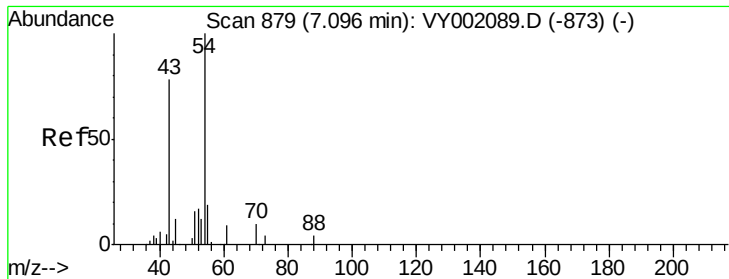
Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 14748 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 34.0  | 17.2  | 51.6  |
| 77       | 29.8  | 24.7  | 37.1  |





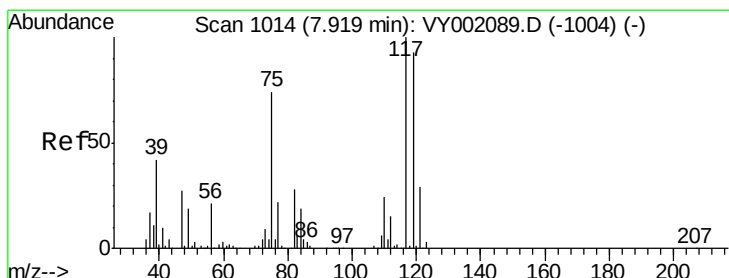
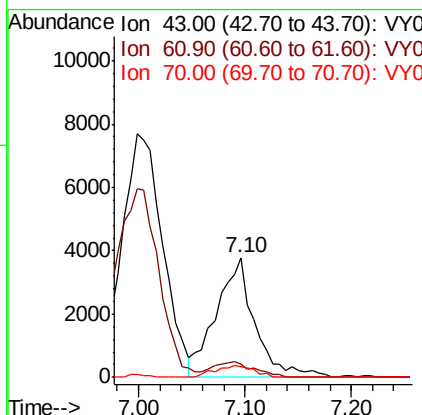
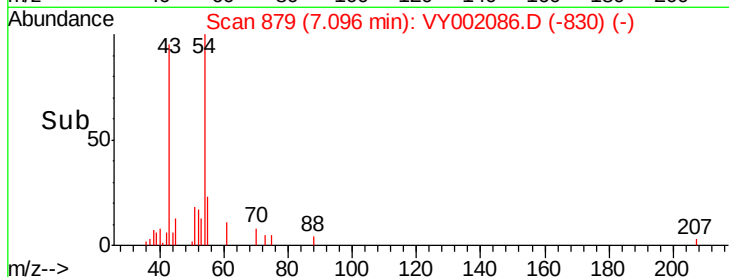
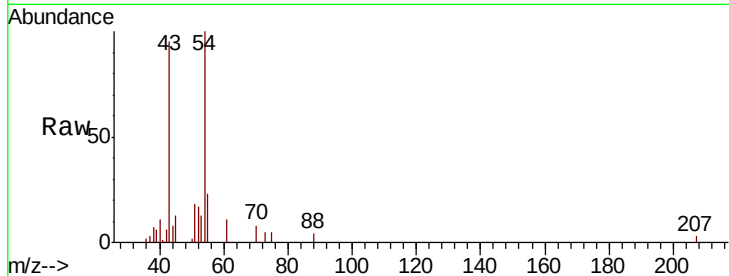
#37  
Ethyl Acetate  
Concen: 5.638 ug/l  
RT: 7.10 min Scan# 879  
Delta R.T. 0.00 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.6  | 11.2  | 16.8  |
| 70      | 9.6   | 8.2   | 12.4  |

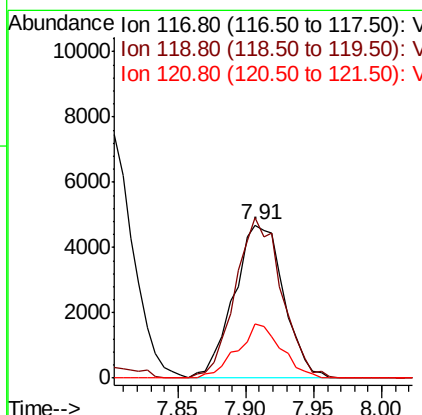
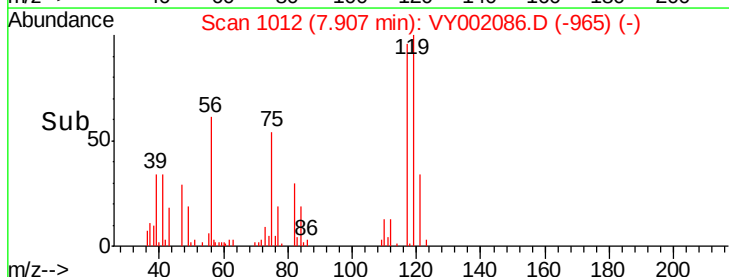
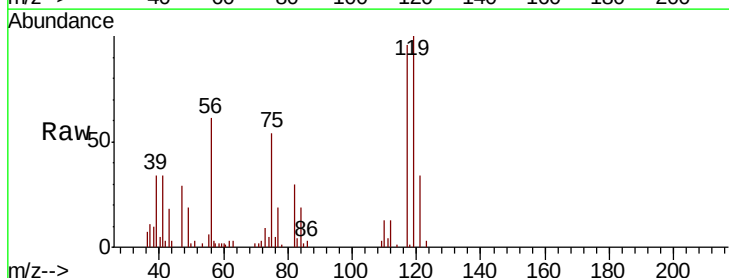
Manual Integrations  
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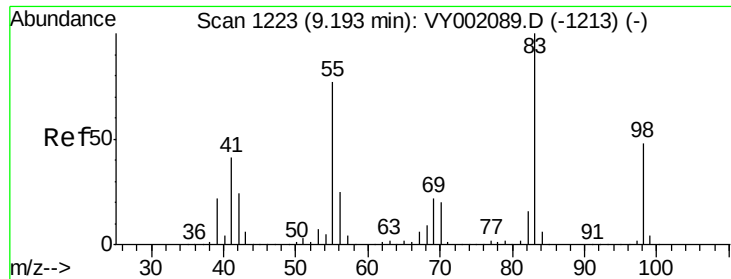
apatel  
3/27/2020 4:13:51 PM



#38  
Carbon Tetrachloride  
Concen: 4.798 ug/l  
RT: 7.91 min Scan# 1012  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 104.6 | 74.3  | 111.5 |
| 121     | 35.1  | 23.3  | 34.9  |





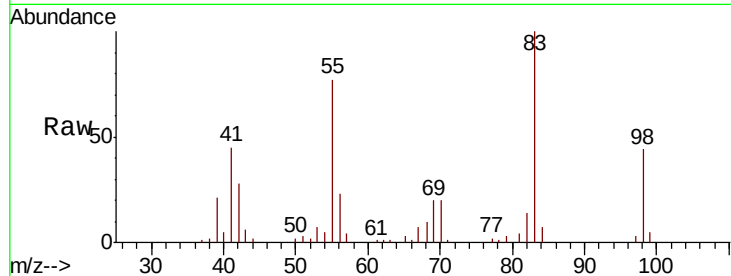
#39  
Methylvlcyclohexane  
Concen: 4.889 ug/l  
RT: 9.19 min Scan# 1222  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

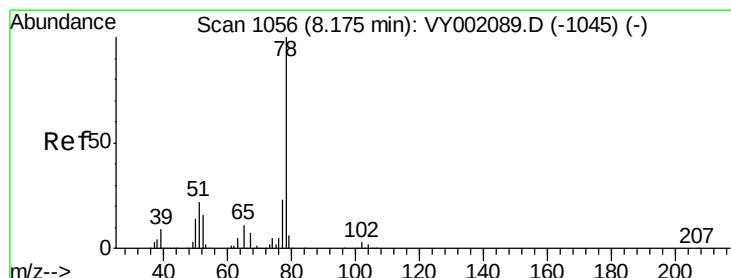
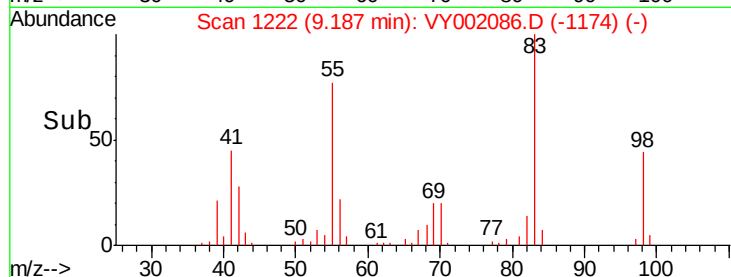
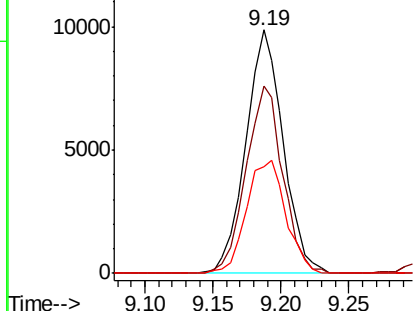
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 77.0  | 61.2  | 91.8  |
| 98      | 44.0  | 38.2  | 57.2  |

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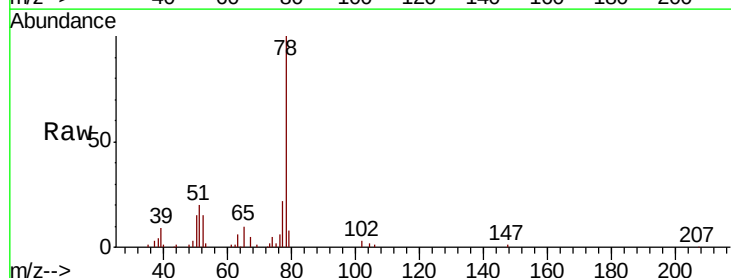


Abundance Ion 83.00 (82.70 to 83.70): VY0  
Ion 55.00 (54.70 to 55.70): VY0  
Ion 98.00 (97.70 to 98.70): VY0

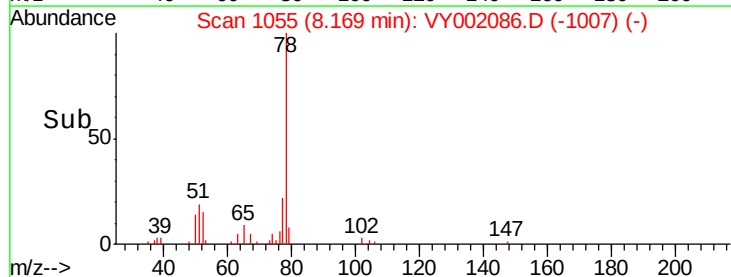
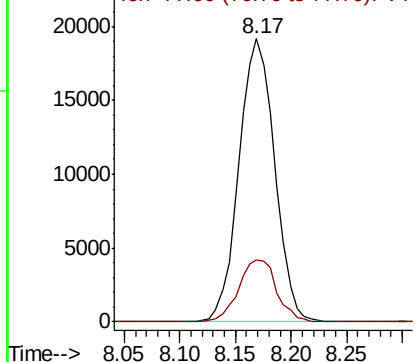


#40  
Benzene  
Concen: 4.936 ug/l  
RT: 8.17 min Scan# 1055  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

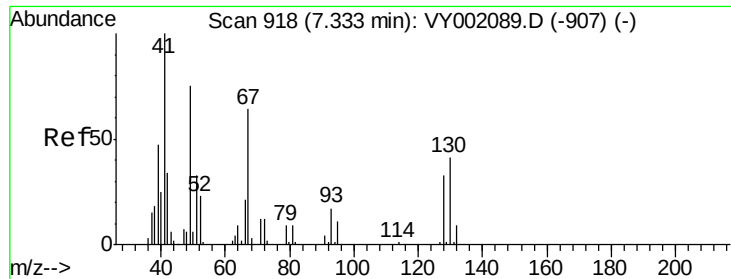
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 21.9  | 18.2  | 27.4  |



Abundance Ion 78.00 (77.70 to 78.70): VY0  
Ion 77.00 (76.70 to 77.70): VY0







#41

Methacrylonitrile

Concen: 5.601 ug/l m

RT: 7.33 min Scan# 918

Delta R.T. 0.00 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion: 41 Resp: 4408

Ion Ratio Lower Upper

41 100

39 66.5 0.0 0.0#

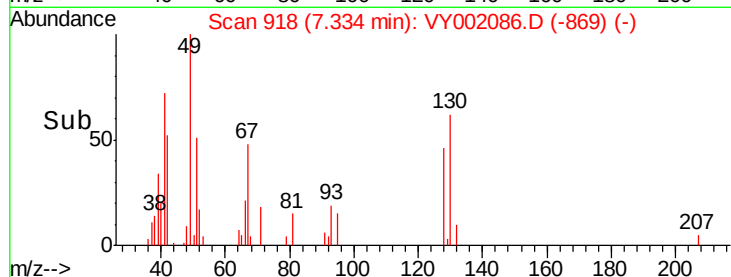
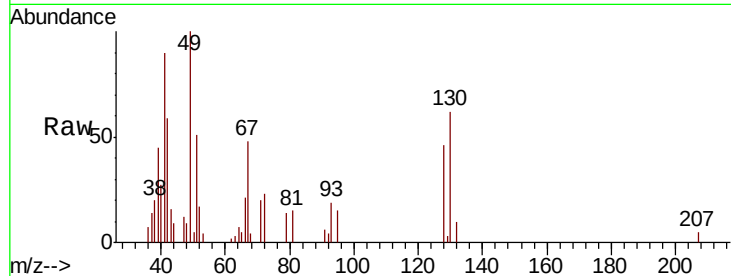
67 0.0 0.0 0.0

52 0.0 0.0 0.0

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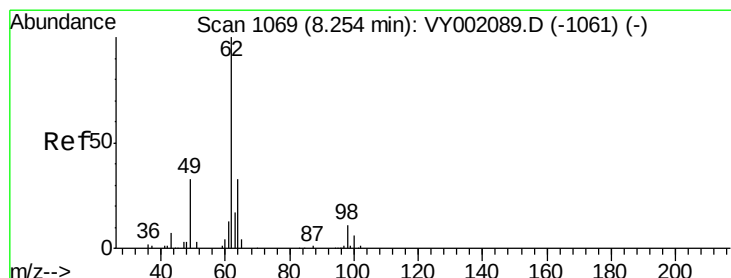
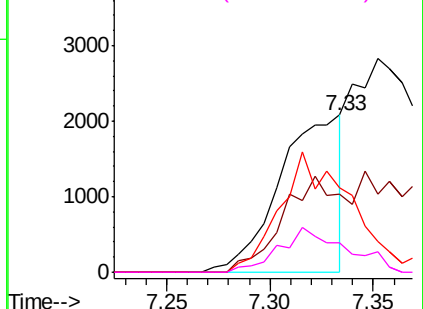


Abundance Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0

Ion 67.00 (66.70 to 67.70): VY0

Ion 52.00 (51.70 to 52.70): VY0



#42

1,2-Dichloroethane

Concen: 5.169 ug/l

RT: 8.25 min Scan# 1068

Delta R.T. -0.01 min

Lab File: VY002086.D

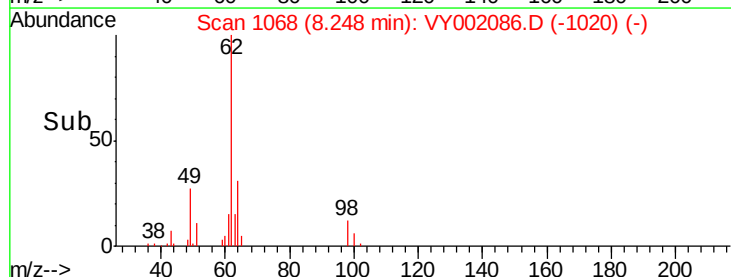
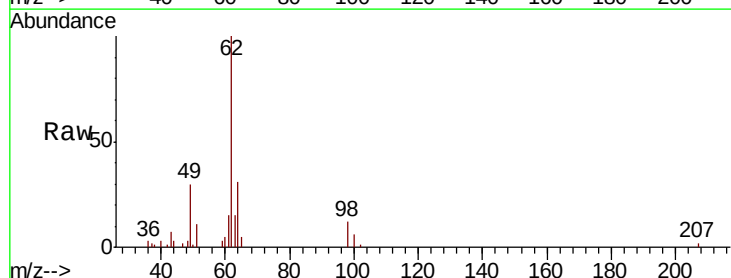
Acq: 26 Mar 2020 15:17

Tgt Ion: 62 Resp: 11540

Ion Ratio Lower Upper

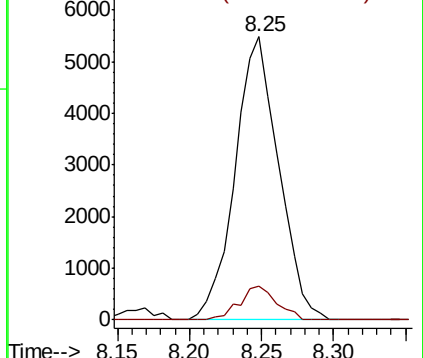
62 100

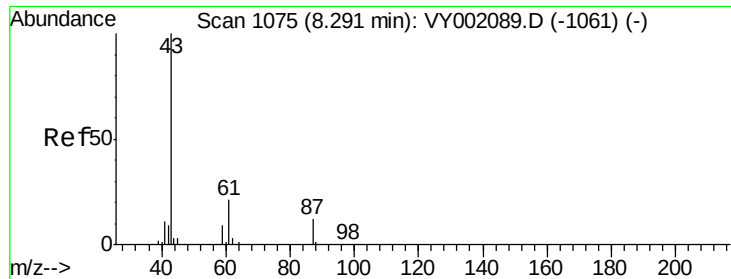
98 10.2 0.0 21.2



Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 97.90 (97.60 to 98.60): VY0





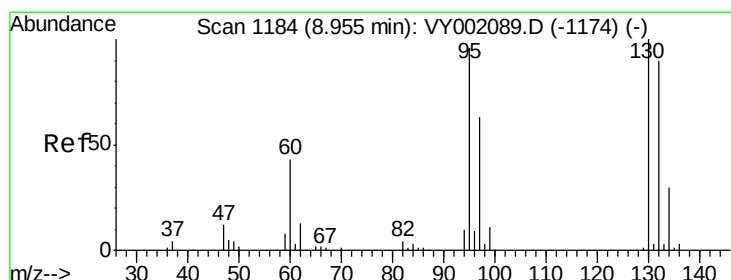
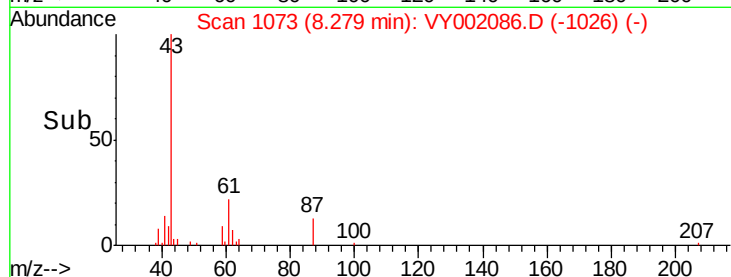
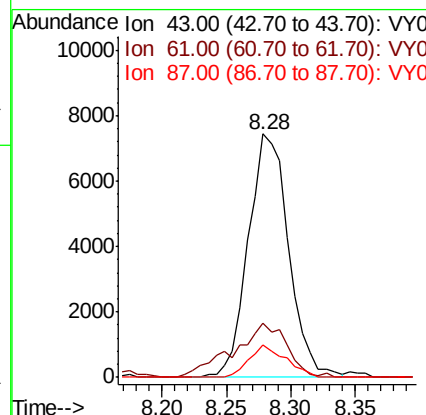
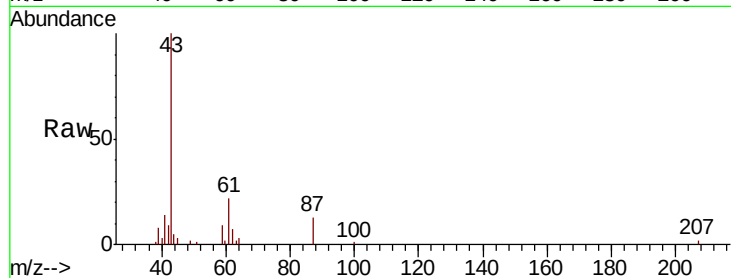
#43  
Isopropyl Acetate  
Concen: 5.015 ug/l  
RT: 8.28 min Scan# 1073  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 29.8  | 23.4  | 35.2  |
| 87      | 12.1  | 10.2  | 15.4  |

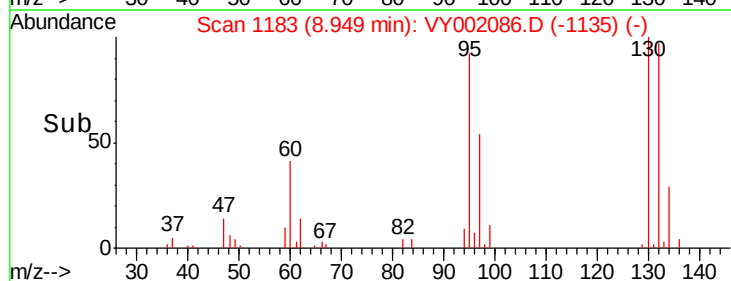
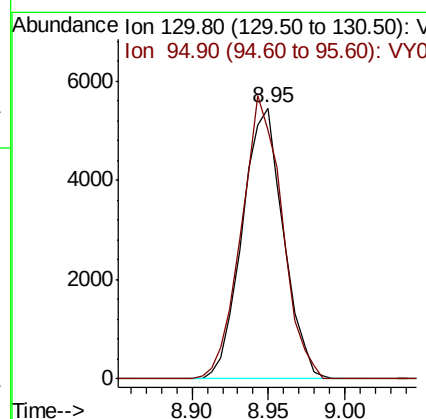
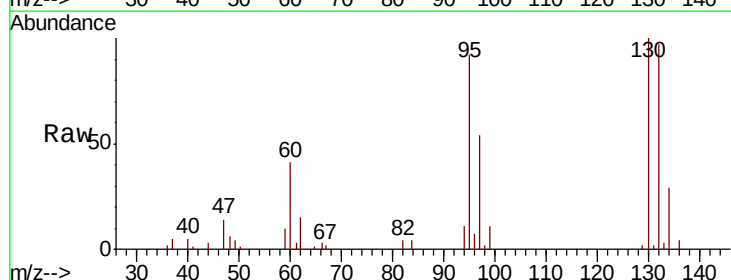
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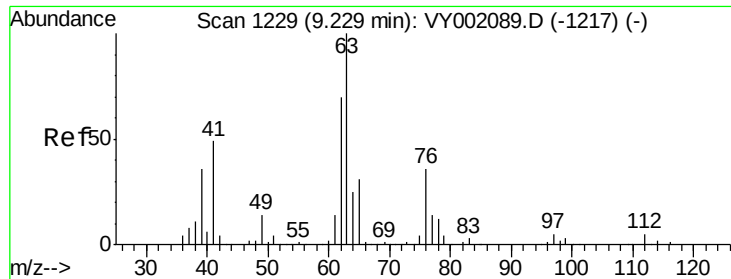
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#44  
Trichloroethene  
Concen: 4.848 ug/l  
RT: 8.95 min Scan# 1183  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 91.6  | 0.0   | 193.0 |





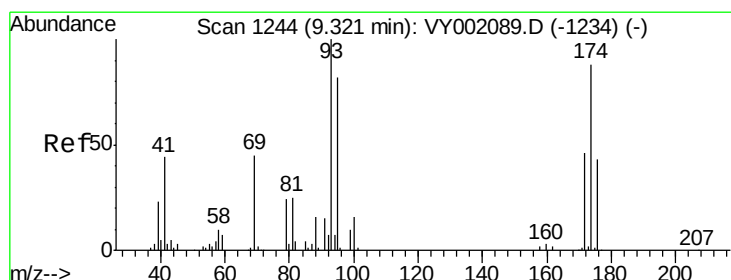
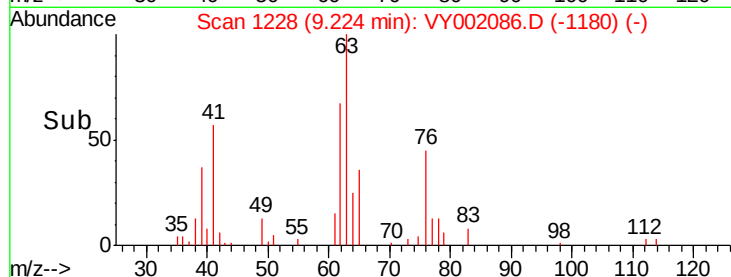
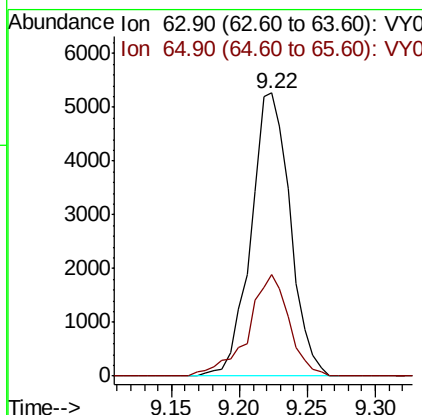
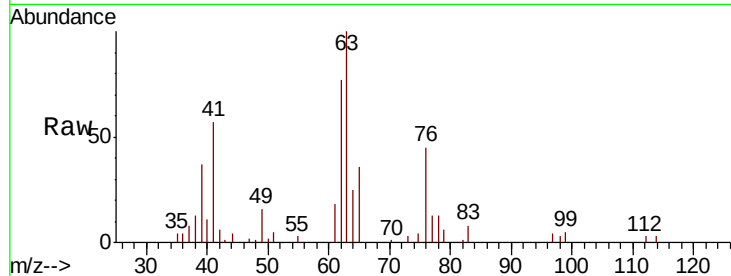
#45  
 1,2-Dichloropropane  
 Concen: 4.883 ug/l  
 RT: 9.22 min Scan# 1228  
 Delta R.T. -0.01 min  
 Lab File: VY002086.D  
 Acq: 26 Mar 2020 15:17

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

Tot Ion: 63 Resp: 10644  
 Ion Ratio Lower Upper  
 63 100  
 65 35.7 25.0 37.6

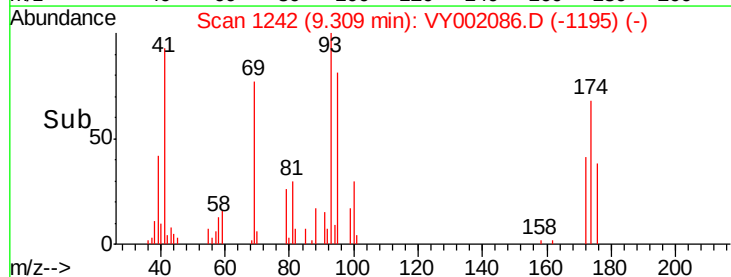
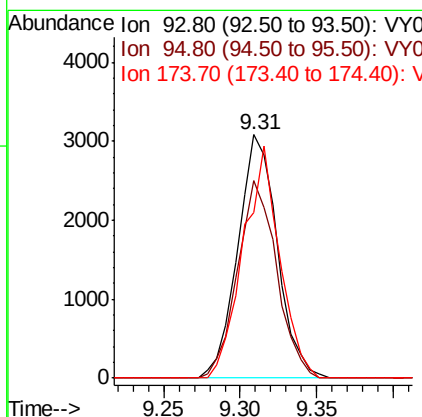
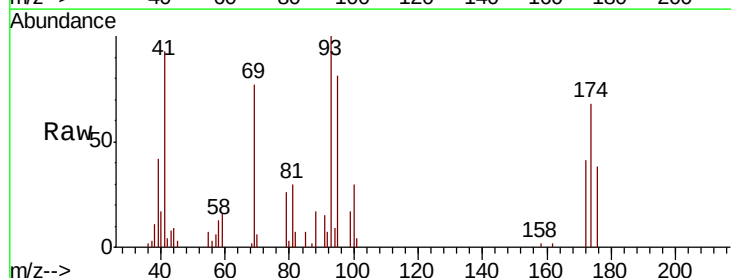
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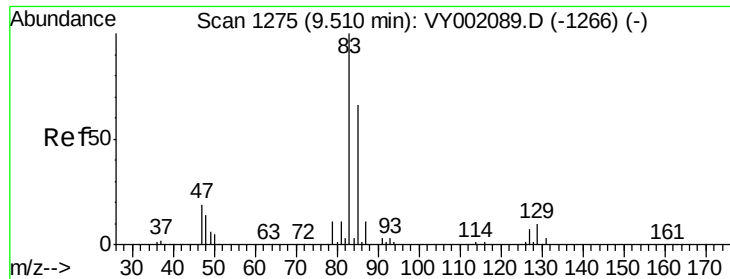
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#46  
 Dibromomethane  
 Concen: 4.918 ug/l  
 RT: 9.31 min Scan# 1242  
 Delta R.T. -0.01 min  
 Lab File: VY002086.D  
 Acq: 26 Mar 2020 15:17

Tgt Ion: 93 Resp: 5525  
 Ion Ratio Lower Upper  
 93 100  
 95 80.5 66.0 99.0  
 174 88.1 69.8 104.8





#47

Bromodichloromethane

Concen: 4.670 ug/l

RT: 9.50 min Scan# 1274

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA\_Y

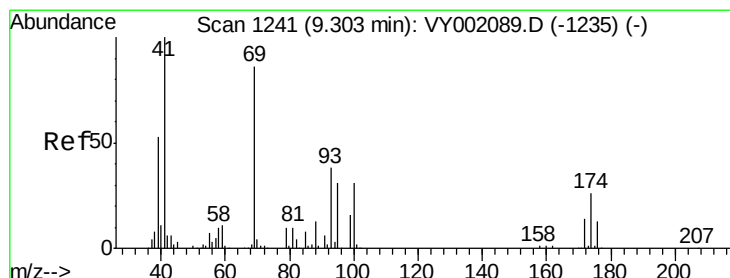
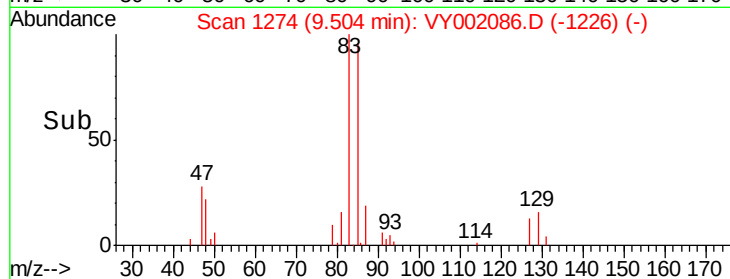
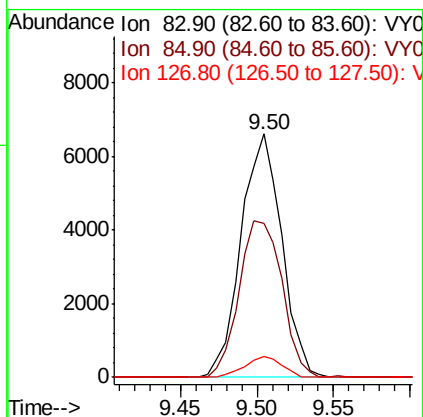
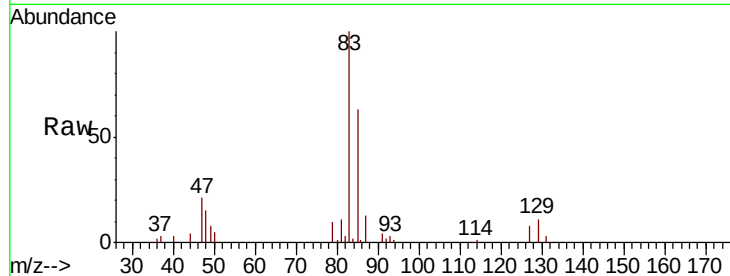
ClientSampleId :

VSTDIC005

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 12217 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 63.2  | 52.6  | 79.0  |
| 127      | 8.4   | 5.9   | 8.9   |

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#48

Methyl methacrylate

Concen: 4.982 ug/l

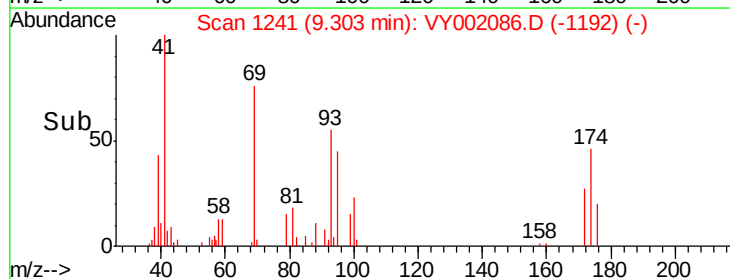
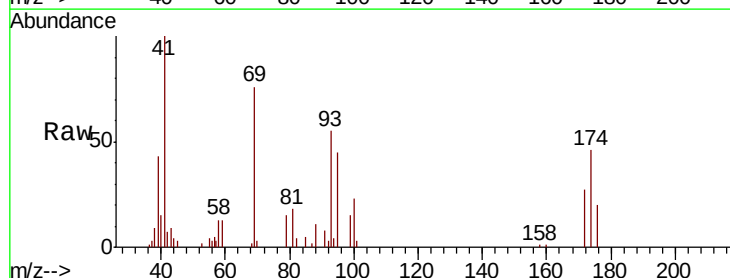
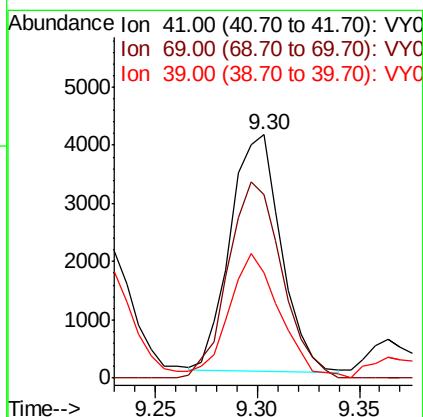
RT: 9.30 min Scan# 1241

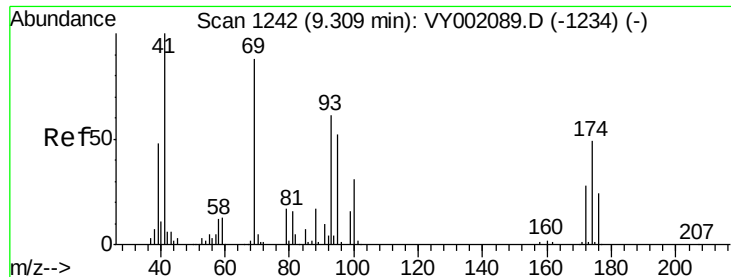
Delta R.T. 0.00 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 7046  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 87.8  | 71.4  | 107.0 |
| 39       | 52.5  | 41.0  | 61.4  |





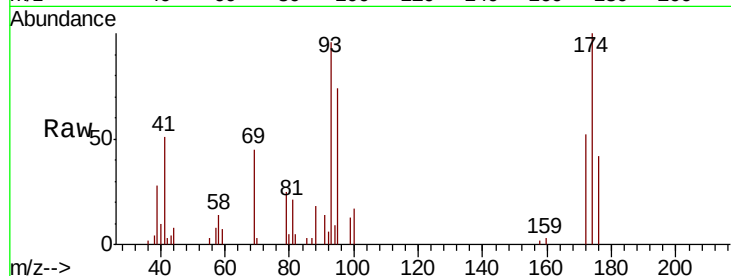
#49  
1,4-Dioxane  
Concen: 99.211 ug/l  
RT: 9.32 min Scan# 1243  
Delta R.T. 0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion   | 88    | Resp  | 1521 |
|-----------|-------|-------|------|
| Ion Ratio | Lower | Upper |      |
| 88        | 100   |       |      |
| 43        | 35.6  | 27.2  | 40.8 |
| 58        | 75.4  | 59.8  | 89.8 |

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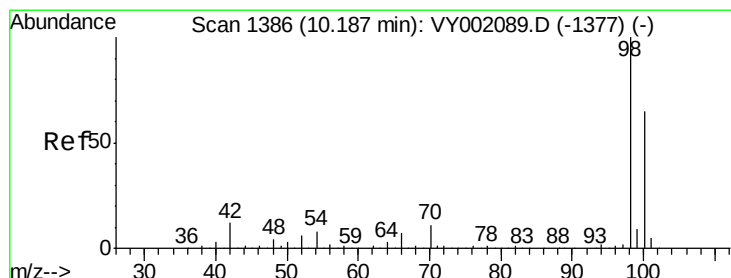
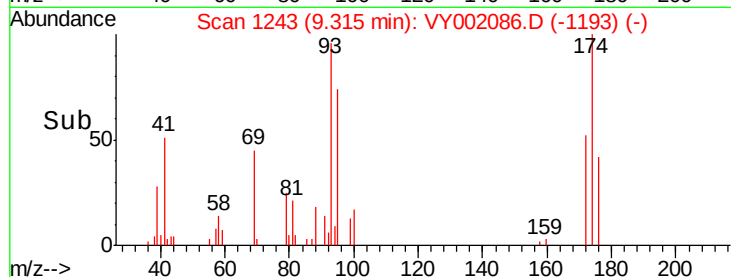
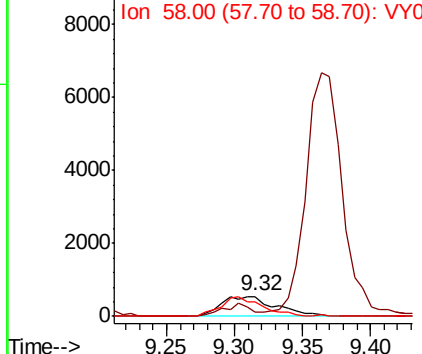


Abundance

Ion 88.00 (87.70 to 88.70): VY002086.D (-1193) (-)

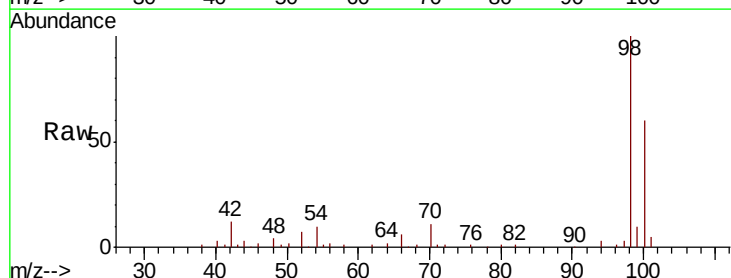
Ion 43.00 (42.70 to 43.70): VY002086.D (-1193) (-)

Ion 58.00 (57.70 to 58.70): VY002086.D (-1193) (-)



#50  
Toluene-d8  
Concen: 4.884 ug/l  
RT: 10.18 min Scan# 1385  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

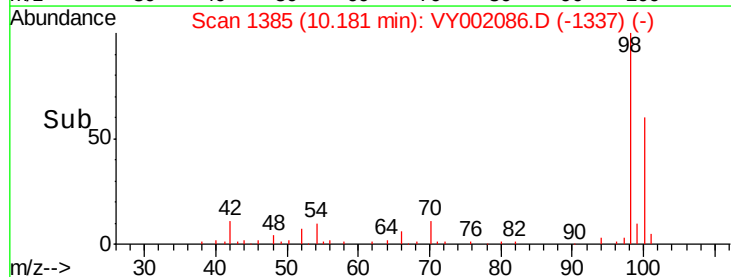
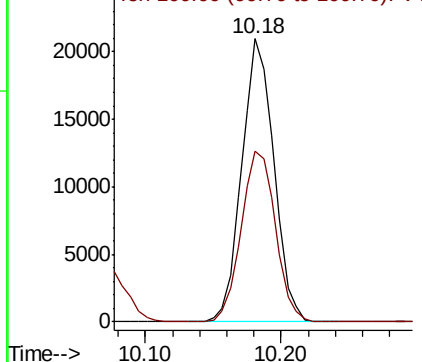
| Tgt Ion   | 98    | Resp  | 34581 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 98        | 100   |       |       |
| 100       | 64.4  | 51.6  | 77.4  |

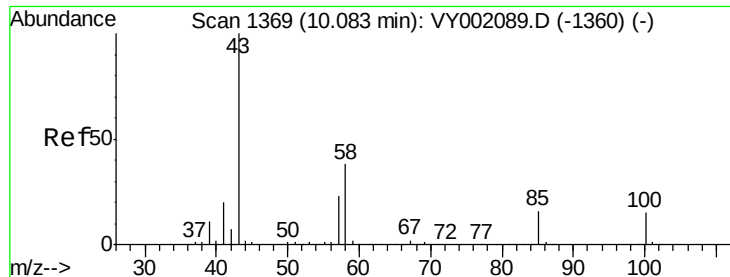


Abundance

Ion 98.00 (97.70 to 98.70): VY002086.D (-1337) (-)

Ion 100.00 (99.70 to 100.70): VY002086.D (-1337) (-)





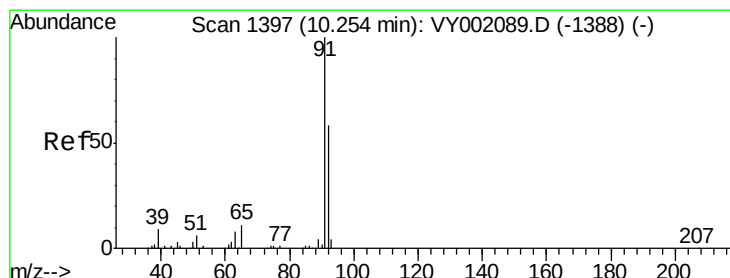
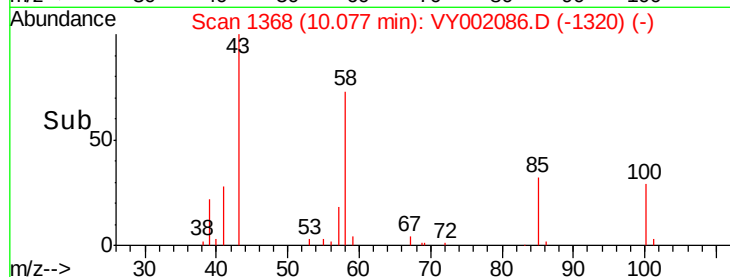
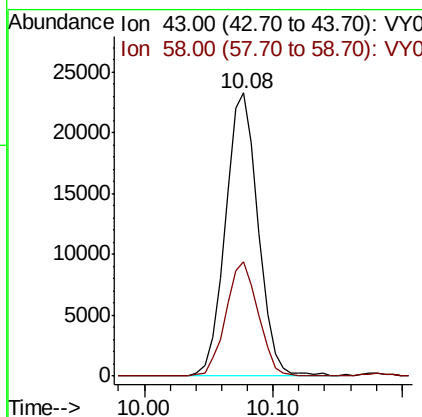
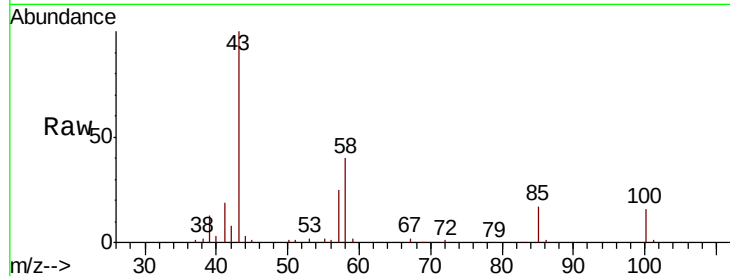
#51  
4-Methyl-2-Pentanone  
Concen: 24.889 ug/l  
RT: 10.08 min Scan# 1368  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

Instrument :  
MSVOA\_Y  
ClientSampled :  
VSTDIC005

Tot Ion: 43 Resp: 41140  
Ion Ratio Lower Upper  
43 100  
58 39.9 31.6 47.4

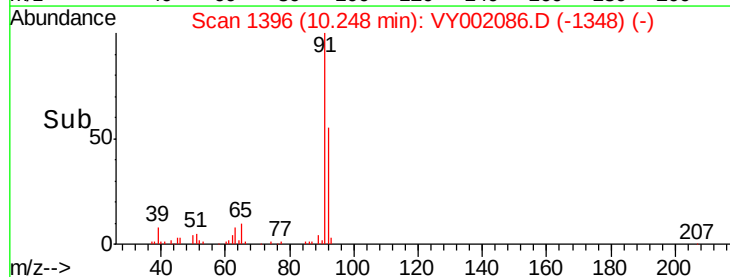
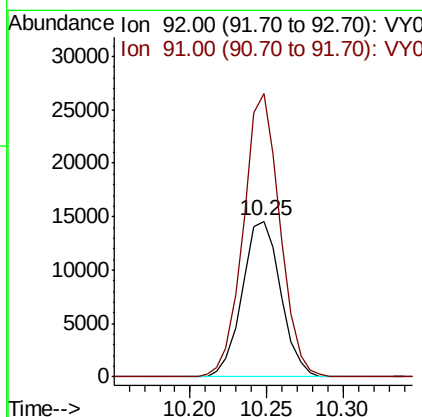
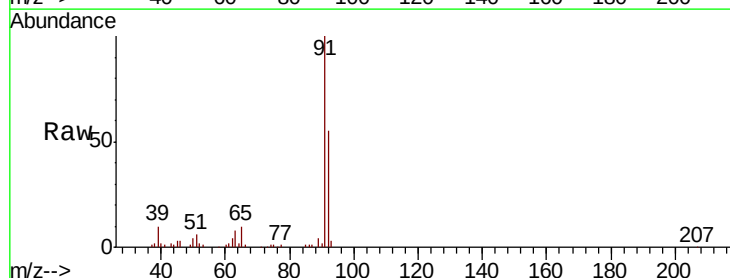
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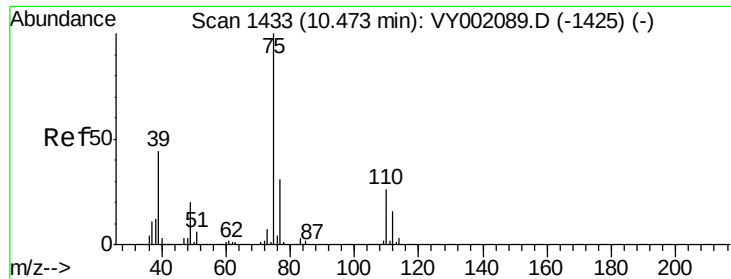
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#52  
Toluene  
Concen: 4.847 ug/l  
RT: 10.25 min Scan# 1396  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

Tgt Ion: 92 Resp: 25461  
Ion Ratio Lower Upper  
92 100  
91 172.8 139.3 208.9





#53

t-1,3-Dichloropropene

Concen: 4.754 ug/l

RT: 10.47 min Scan# 1433

Delta R.T. 0.00 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion: 75 Resp: 13536

Ion Ratio Lower Upper

75 100

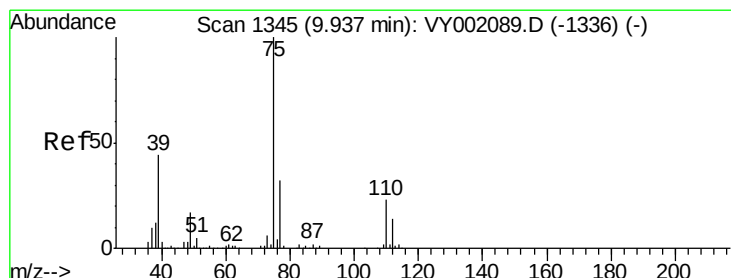
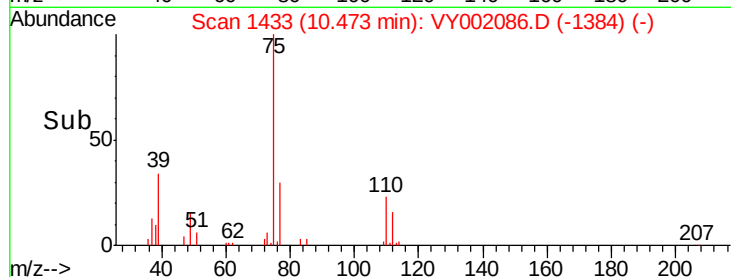
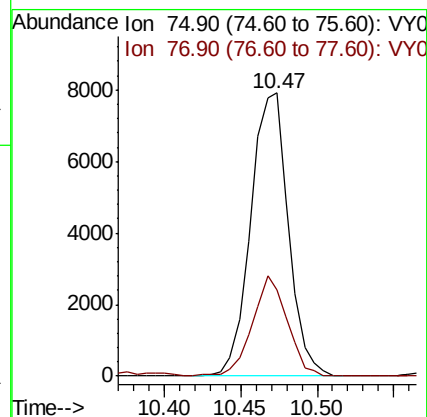
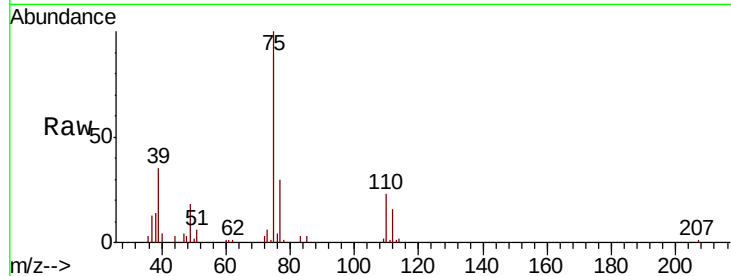
77 30.3 25.2 37.8

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#54

cis-1,3-Dichloropropene

Concen: 4.787 ug/l

RT: 9.94 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

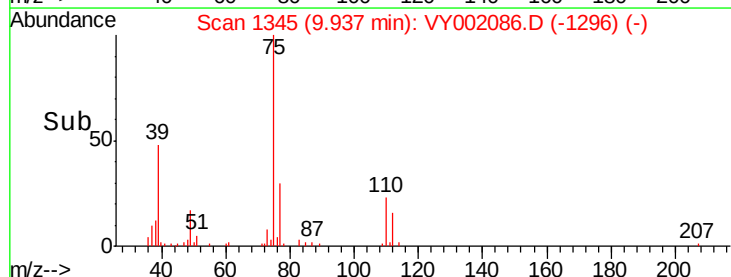
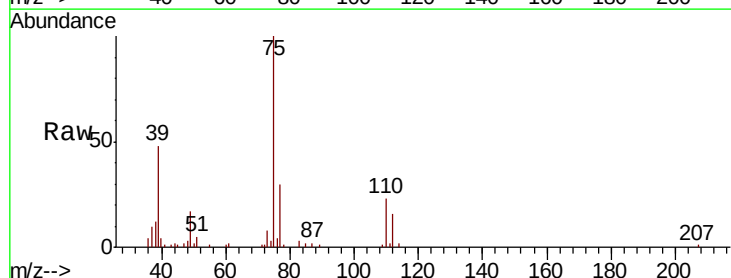
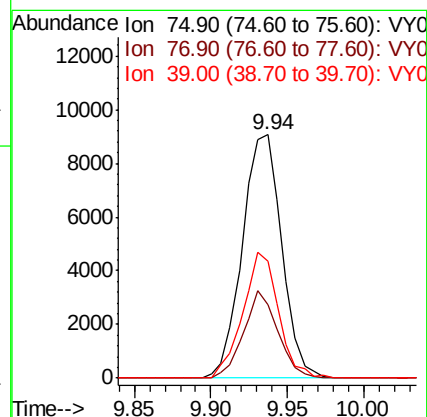
Tgt Ion: 75 Resp: 16225

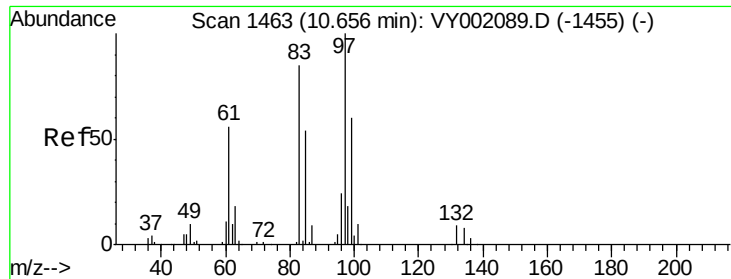
Ion Ratio Lower Upper

75 100

77 30.4 25.6 38.4

39 48.1 35.2 52.8





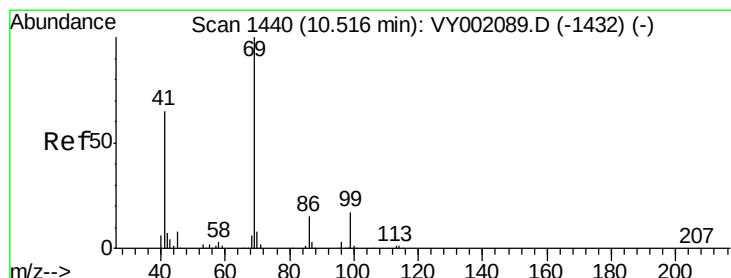
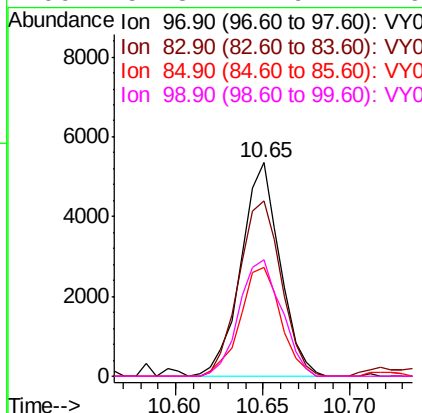
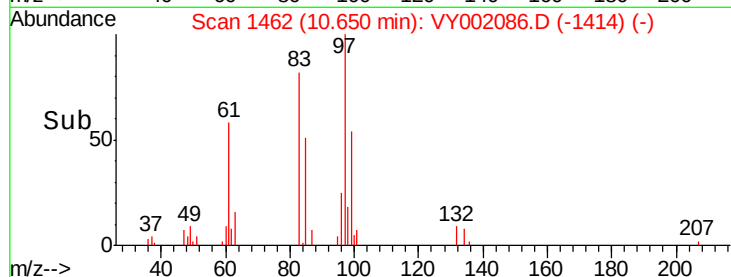
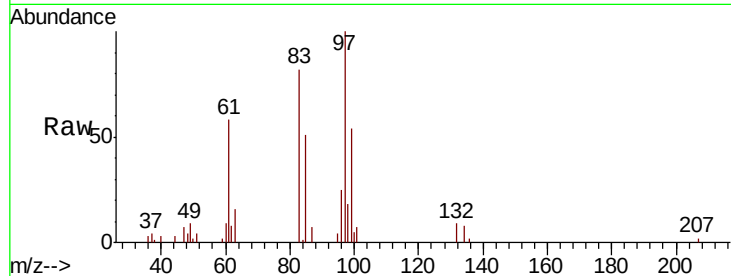
#55  
 1,1,2-Trichloroethane  
 Concen: 5.042 ug/l  
 RT: 10.65 min Scan# 1462  
 Delta R.T. -0.01 min  
 Lab File: VY002086.D  
 Acq: 26 Mar 2020 15:17

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 82.2  | 68.2  | 102.2 |
| 85      | 51.0  | 42.9  | 64.3  |
| 99      | 54.3  | 47.9  | 71.9  |

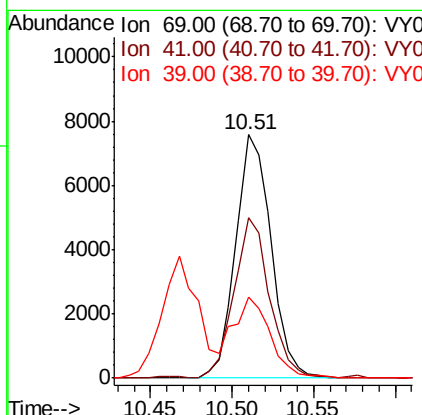
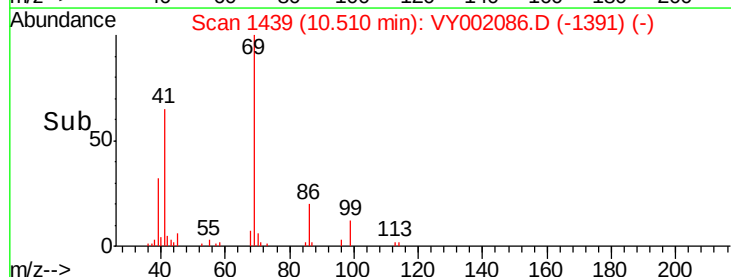
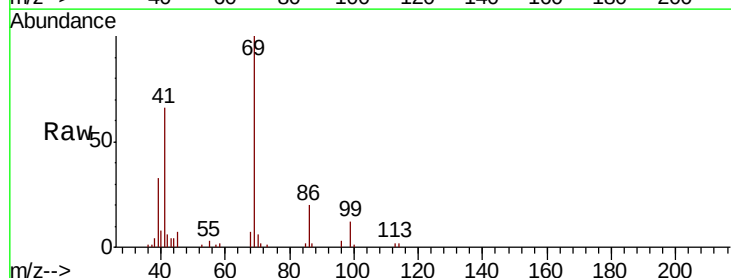
Manual Integrations  
 APPROVED

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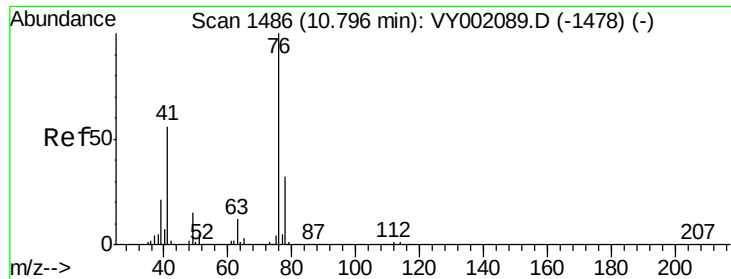


#56  
 Ethyl methacrylate  
 Concen: 4.801 ug/l  
 RT: 10.51 min Scan# 1439  
 Delta R.T. -0.01 min  
 Lab File: VY002086.D  
 Acq: 26 Mar 2020 15:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 66.2  | 52.8  | 79.2  |
| 39      | 35.1  | 25.0  | 37.6  |







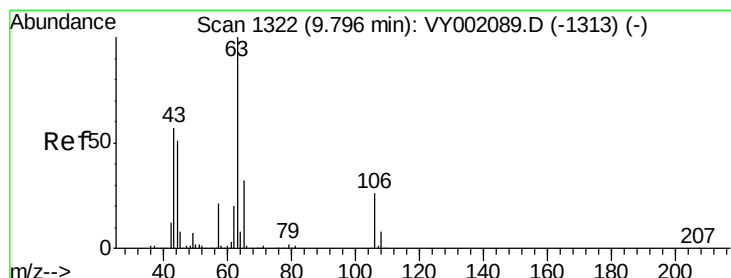
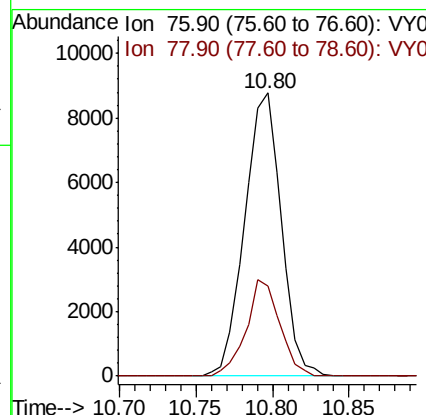
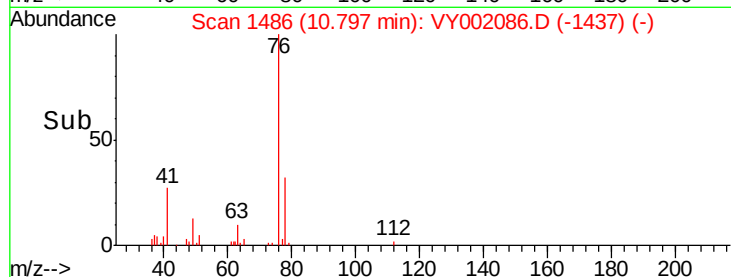
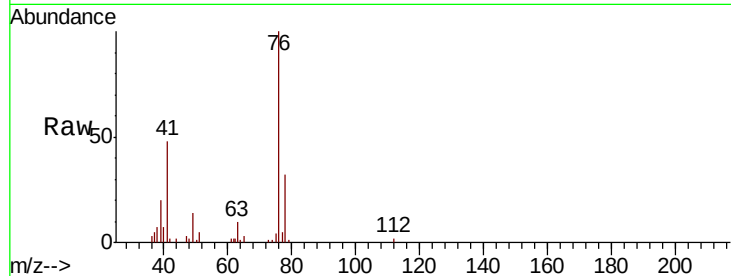
#57  
 1,3-Dichloropropane  
 Concen: 4.967 ug/l  
 RT: 10.80 min Scan# 1486  
 Delta R.T. 0.00 min  
 Lab File: VY002086.D  
 Acq: 26 Mar 2020 15:17

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 31.3  | 26.1  | 39.1  |

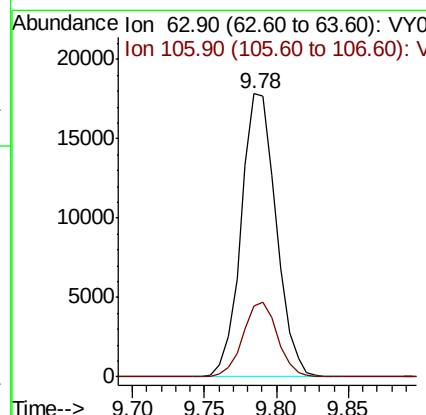
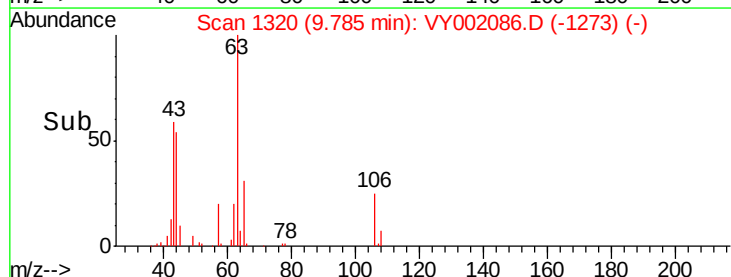
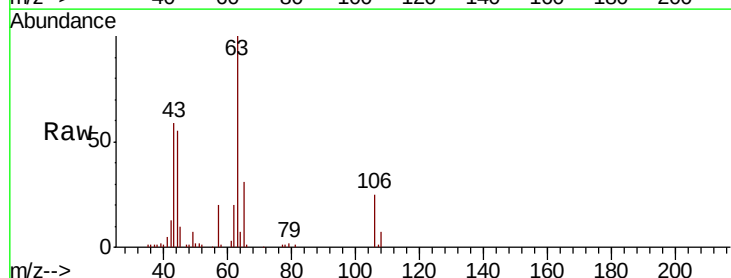
Manual Integrations  
 APPROVED

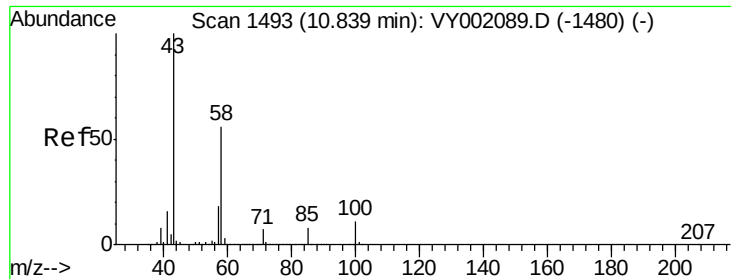
apatel  
 3/27/2020 4:13:51 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 29.506 ug/l  
 RT: 9.78 min Scan# 1320  
 Delta R.T. -0.01 min  
 Lab File: VY002086.D  
 Acq: 26 Mar 2020 15:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 26.0  | 21.0  | 31.4  |





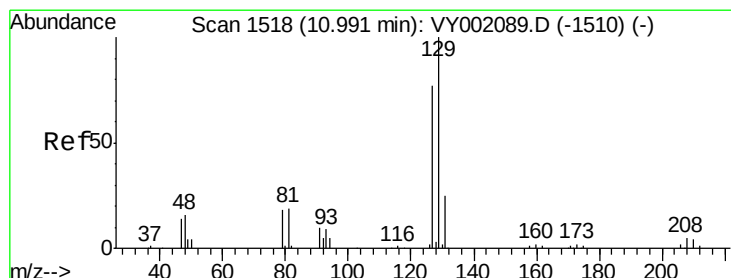
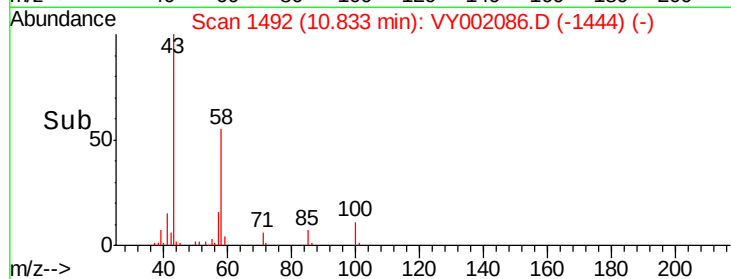
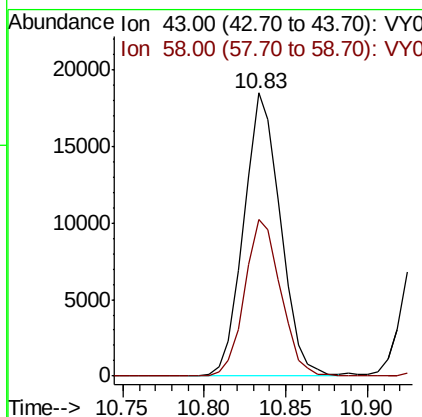
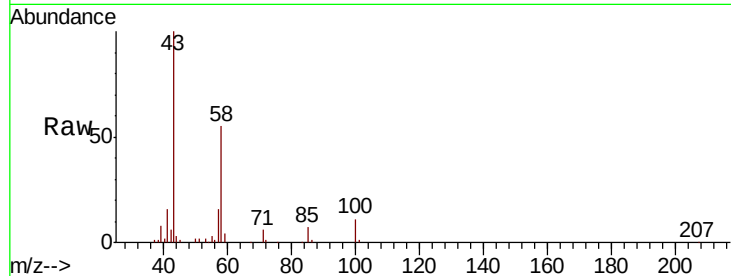
#59  
2-Hexanone  
Concen: 24.617 ug/l  
RT: 10.83 min Scan# 1492  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion   | 43   | Resp  | 28969 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 43        | 100  |       |       |
| 58        | 54.2 | 27.9  | 83.6  |

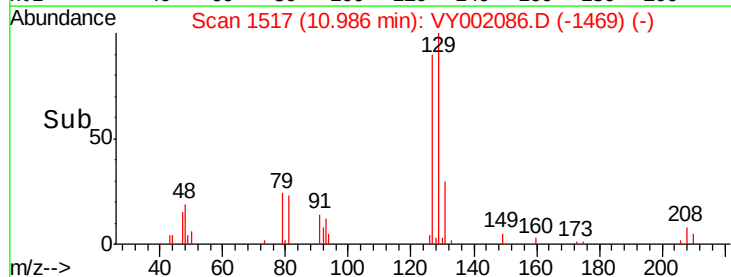
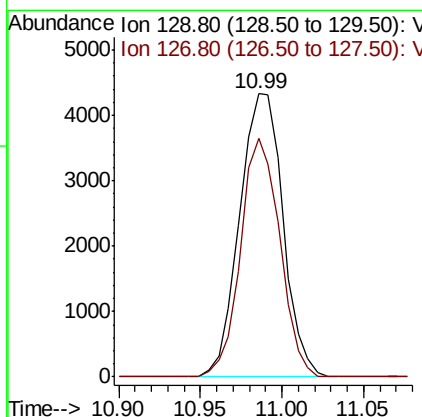
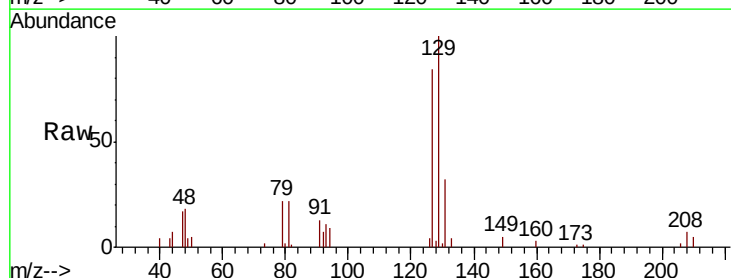
Manual Integrations  
APPROVED

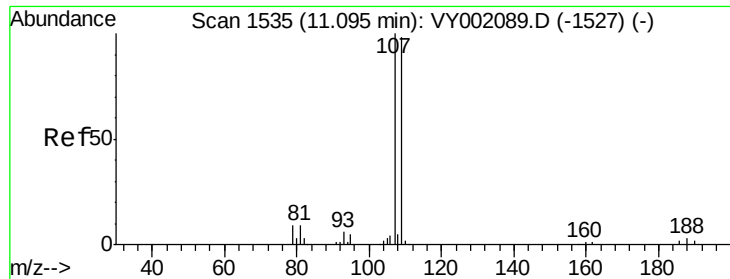
apatel  
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#60  
Dibromochloromethane  
Concen: 4.652 ug/l  
RT: 10.99 min Scan# 1517  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

| Tgt Ion   | 129  | Resp  | 8036  |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 129       | 100  |       |       |
| 127       | 75.9 | 38.7  | 116.1 |





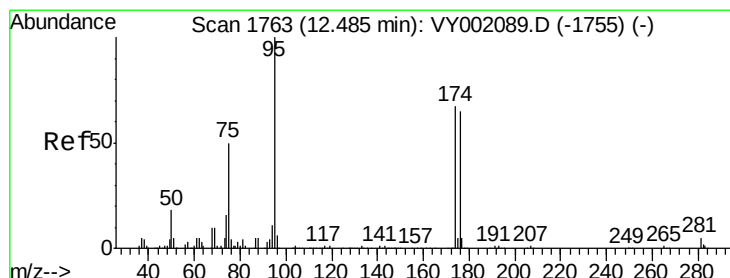
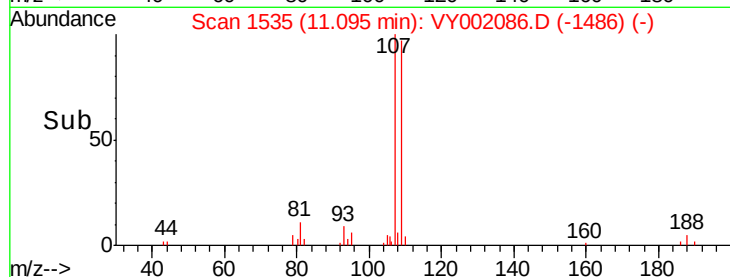
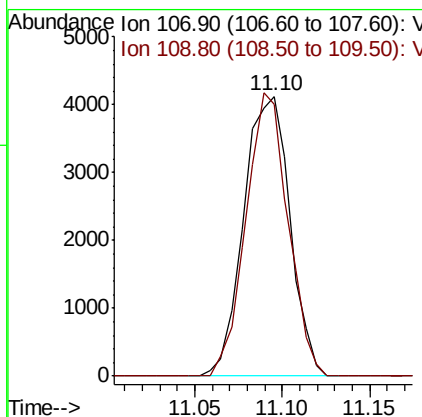
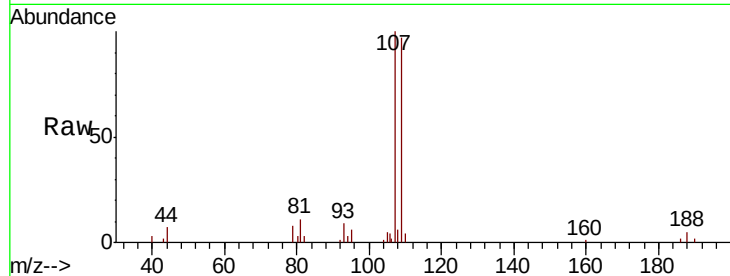
#61  
 1,2-Dibromoethane  
 Concen: 4.857 ug/l  
 RT: 11.10 min Scan# 1535  
 Delta R.T. 0.00 min  
 Lab File: VY002086.D  
 Acq: 26 Mar 2020 15:17

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 92.6  | 76.3  | 114.5 |

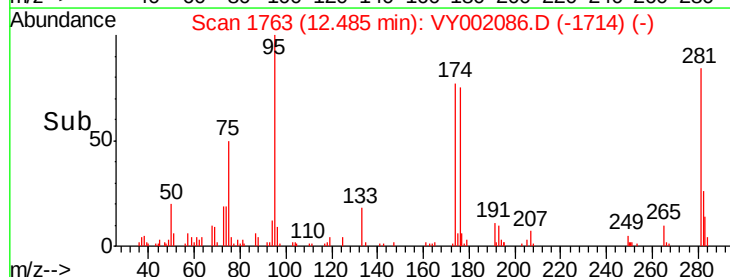
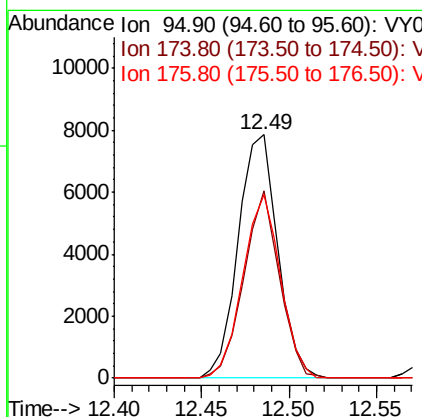
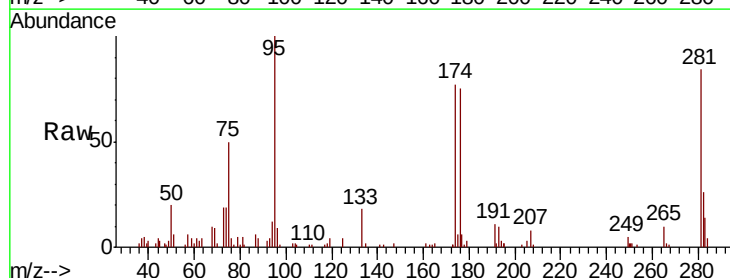
Manual Integrations  
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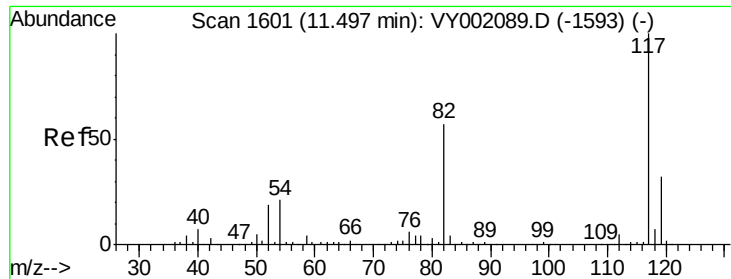
apatel  
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#62  
 4-Bromofluorobenzene  
 Concen: 5.004 ug/l  
 RT: 12.49 min Scan# 1763  
 Delta R.T. 0.00 min  
 Lab File: VY002086.D  
 Acq: 26 Mar 2020 15:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 69.5  | 0.0   | 143.4 |
| 176     | 71.8  | 0.0   | 137.0 |





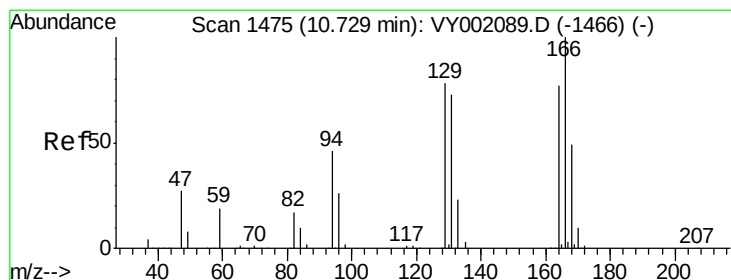
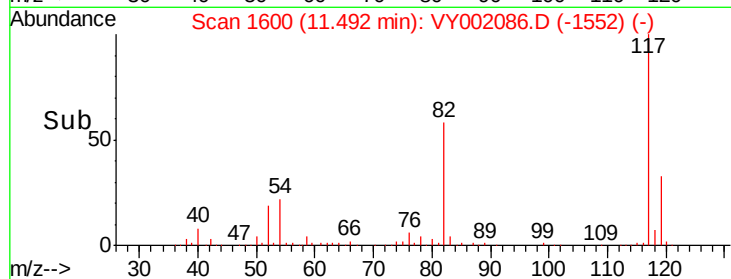
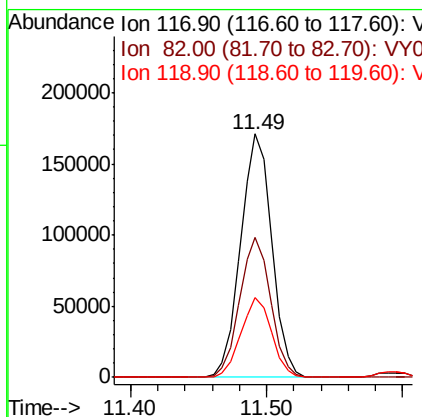
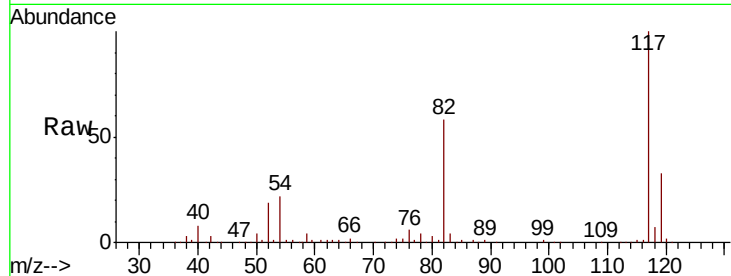
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.49 min Scan# 1600  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 57.6  | 45.4  | 68.2  |
| 119     | 32.8  | 25.3  | 37.9  |

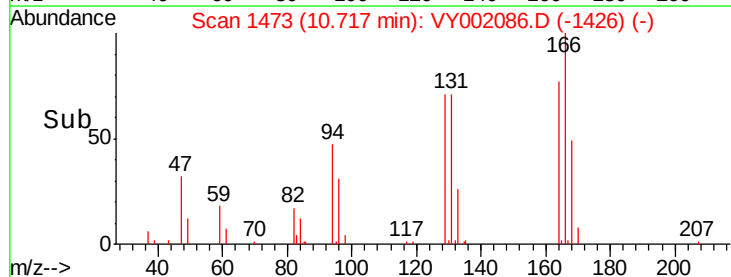
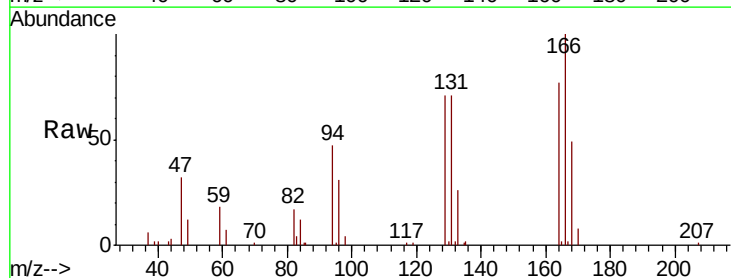
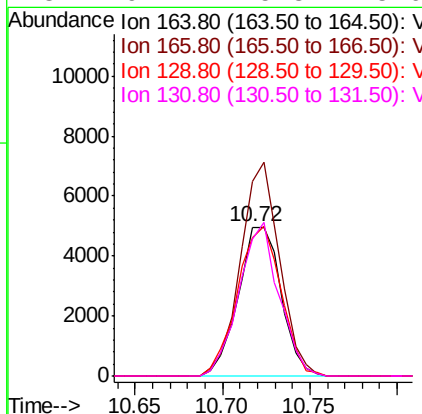
Manual Integrations  
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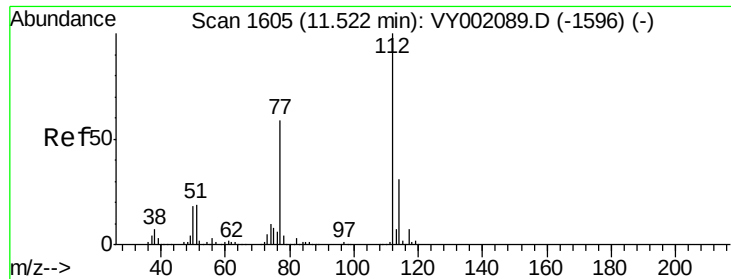
apatel  
3/27/2020 4:13:51 PM



#64  
Tetrachloroethene  
Concen: 4.966 ug/l  
RT: 10.72 min Scan# 1473  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 130.2 | 104.0 | 156.0 |
| 129     | 92.4  | 81.2  | 121.8 |
| 131     | 92.1  | 75.8  | 113.6 |





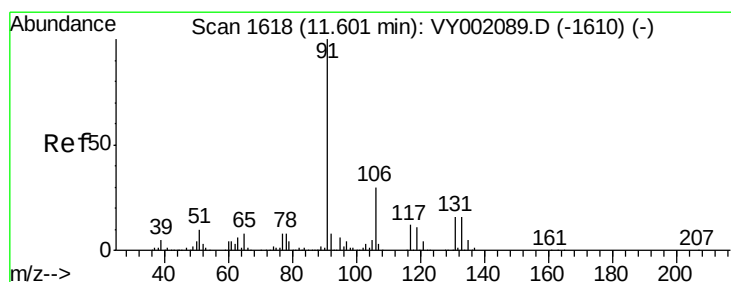
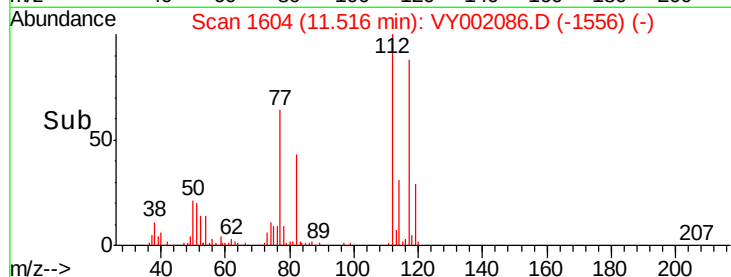
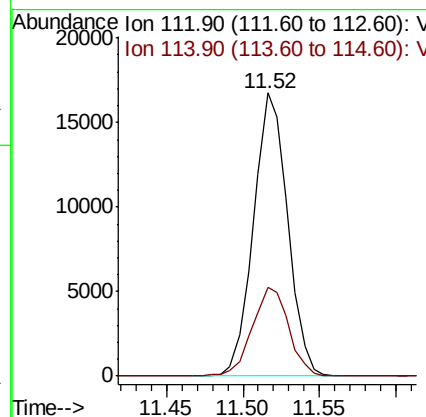
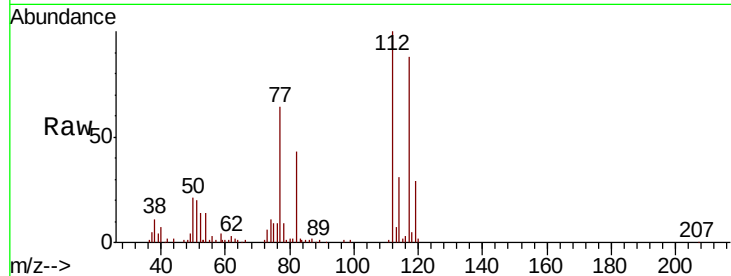
#65  
Chlorobenzene  
Concen: 4.825 ug/l  
RT: 11.52 min Scan# 1604  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

Tot Ion:112 Resp: 26020  
Ion Ratio Lower Upper  
112 100  
114 31.4 24.9 37.3

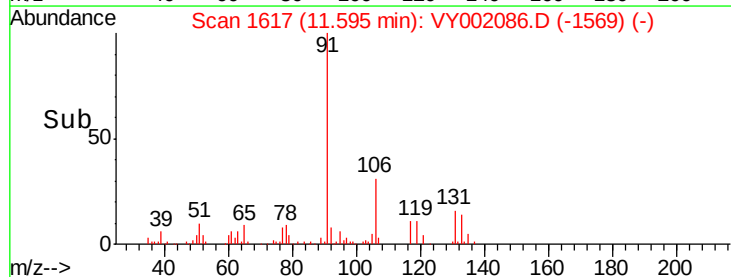
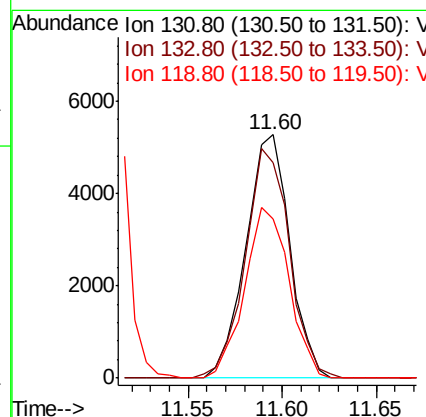
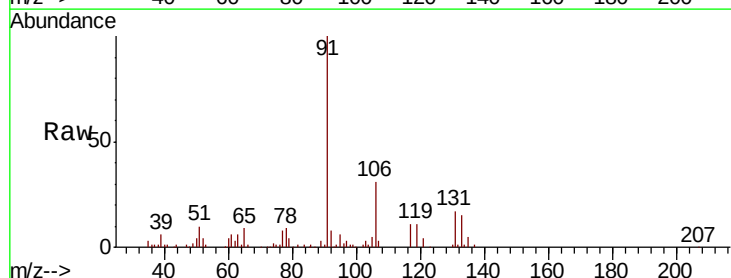
Manual Integrations  
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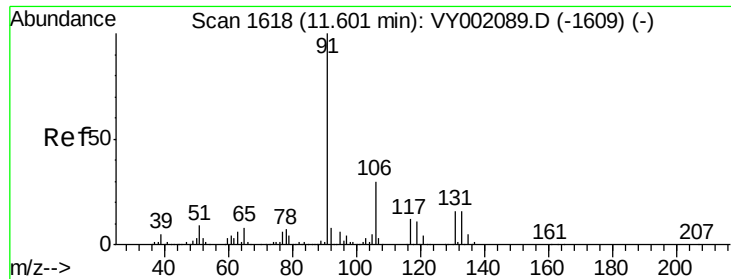
apatel  
3/27/2020 4:13:51 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 4.815 ug/l  
RT: 11.60 min Scan# 1617  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

Tgt Ion:131 Resp: 8529  
Ion Ratio Lower Upper  
131 100  
133 94.5 47.5 142.5  
119 71.0 34.6 103.9





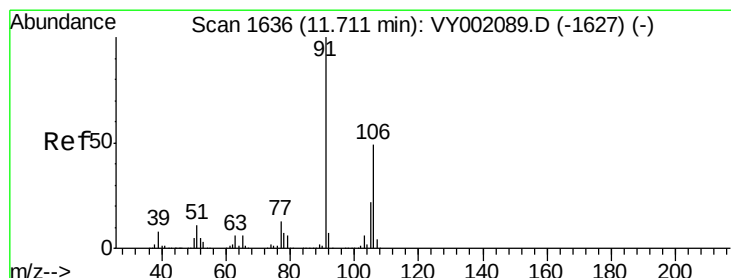
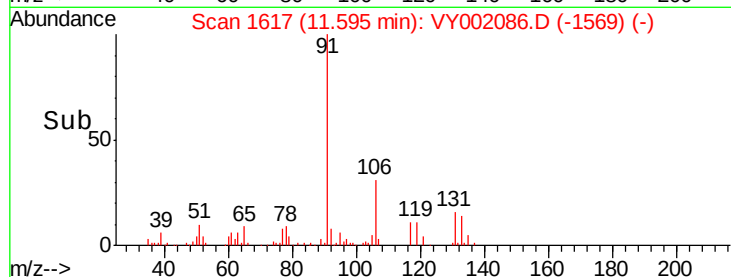
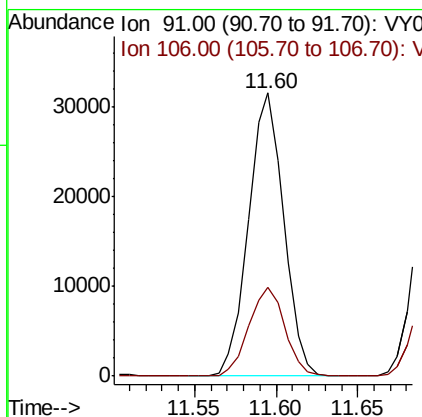
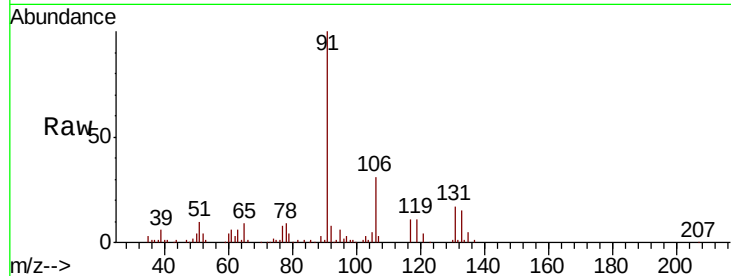
#67  
Ethyl Benzene  
Concen: 4.700 ug/l  
RT: 11.60 min Scan# 1617  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

Tot Ion: 91 Resp: 47349  
Ion Ratio Lower Upper  
91 100  
106 31.4 24.1 36.1

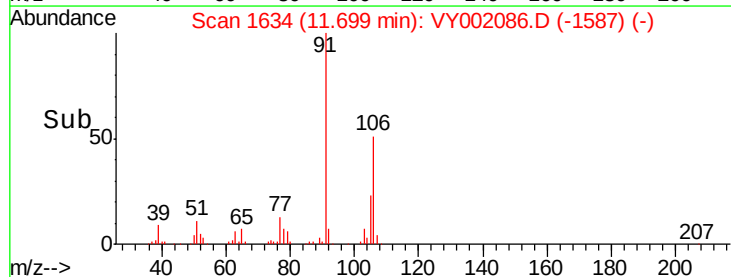
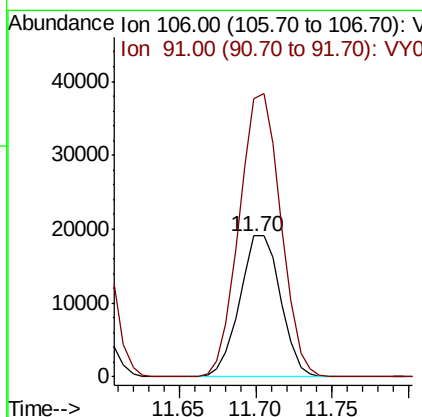
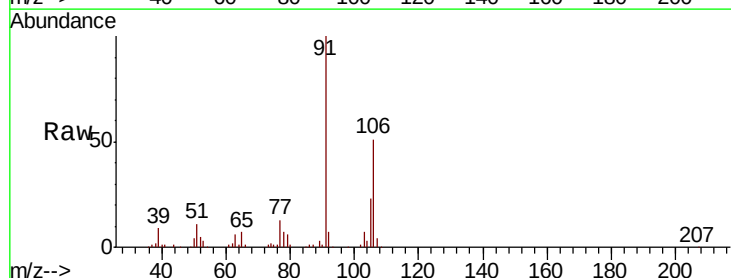
Manual Integrations  
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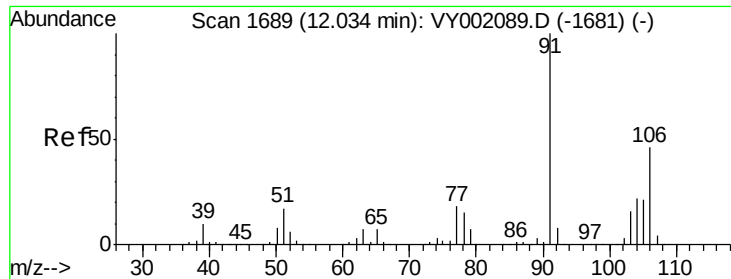
apatel  
3/27/2020 4:13:51 PM



#68  
m/p-Xylenes  
Concen: 9.562 ug/l  
RT: 11.70 min Scan# 1634  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

Tgt Ion: 106 Resp: 35551  
Ion Ratio Lower Upper  
106 100  
91 203.8 162.8 244.2





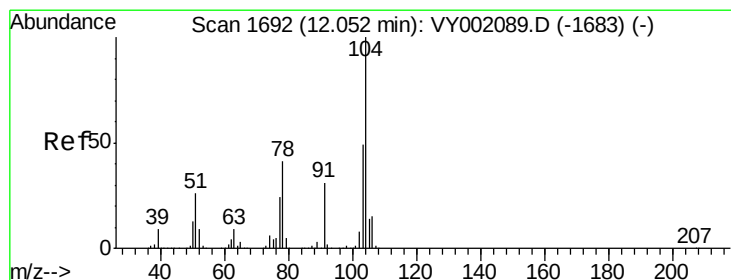
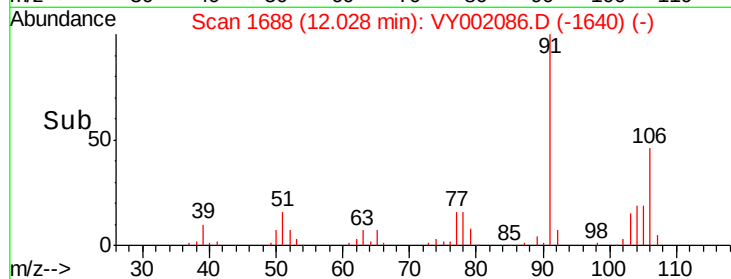
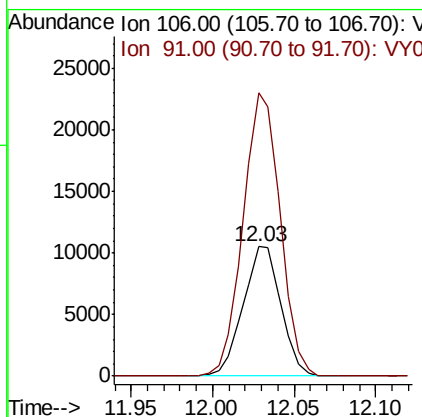
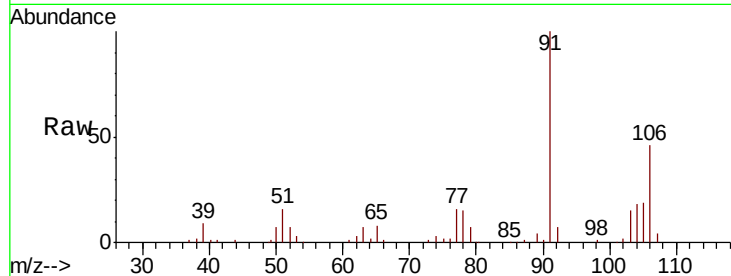
#69  
o-Xylene  
Concen: 4.830 ug/l  
RT: 12.03 min Scan# 1688  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

Instrument :  
MSVOA\_Y  
ClientSampled :  
VSTDIC005

Tot Ion:106 Resp: 16941  
Ion Ratio Lower Upper  
106 100  
91 214.8 107.3 321.8

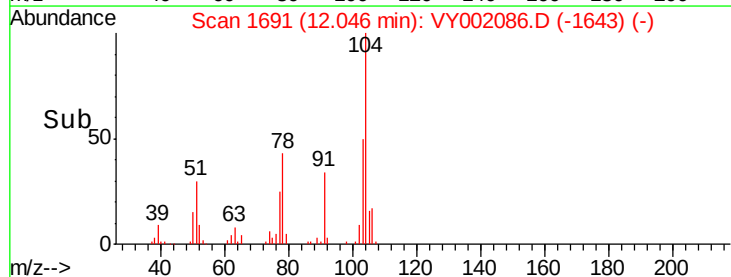
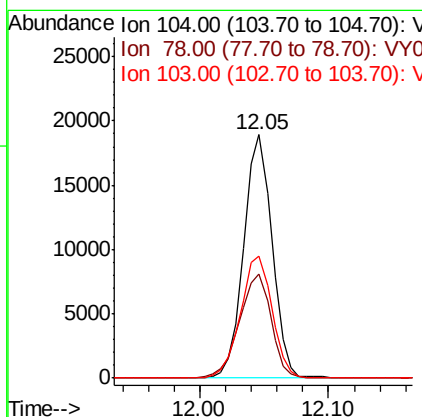
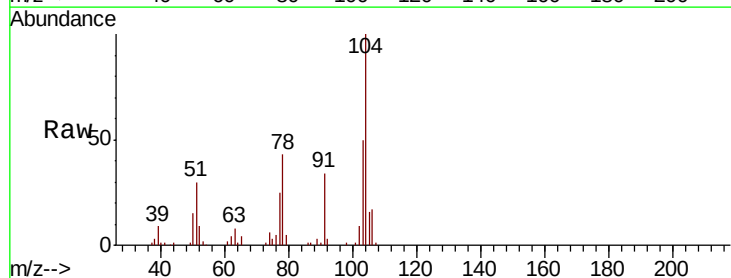
Manual Integrations  
APPROVED

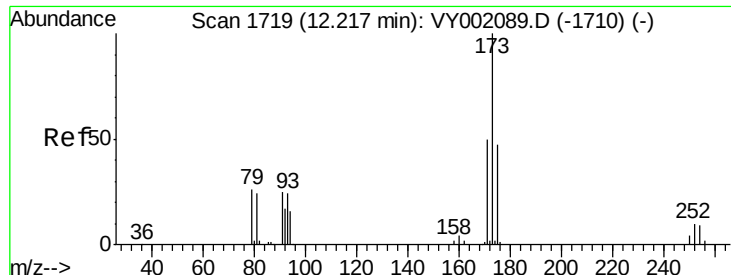
apatel  
3/27/2020 4:13:51 PM



#70  
Styrene  
Concen: 4.773 ug/l  
RT: 12.05 min Scan# 1691  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

Tgt Ion:104 Resp: 28698  
Ion Ratio Lower Upper  
104 100  
78 47.8 37.9 56.9  
103 55.9 43.2 64.8





#71

Bromoform

Concen: 4.596 ug/l

RT: 12.21 min Scan# 1718

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion:173 Resp: 4408

Ion Ratio Lower Upper

173 100

175 47.9 23.9 71.8

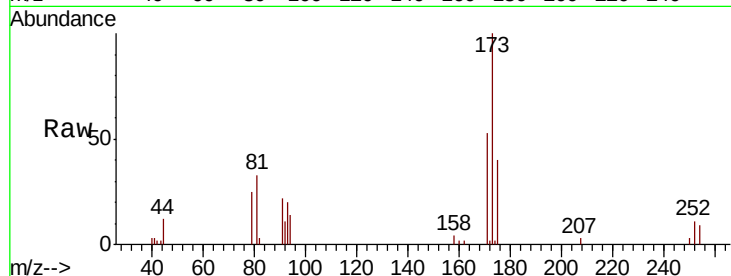
254 0.0 0.0 0.0

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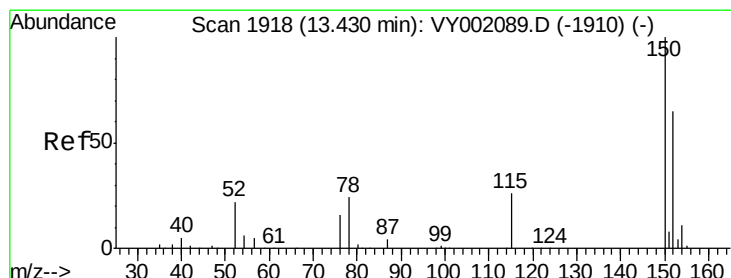
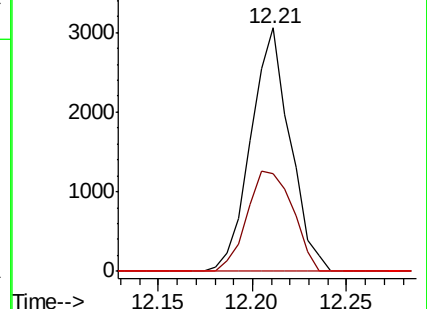
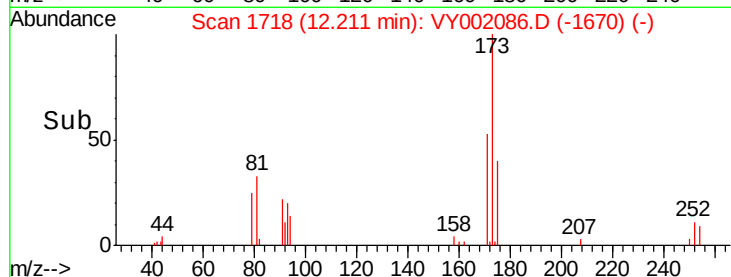
3/27/2020 4:13:51 PM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.42 min Scan# 1917

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

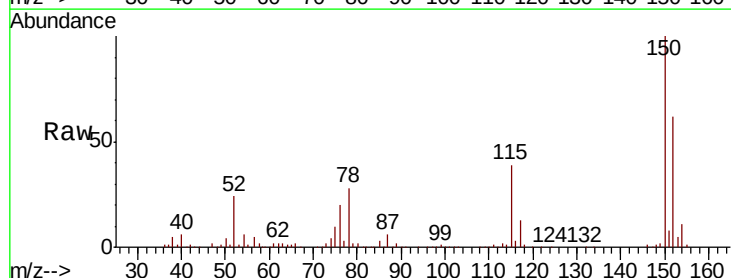
Tgt Ion:152 Resp: 125722

Ion Ratio Lower Upper

152 100

115 61.0 31.2 93.6

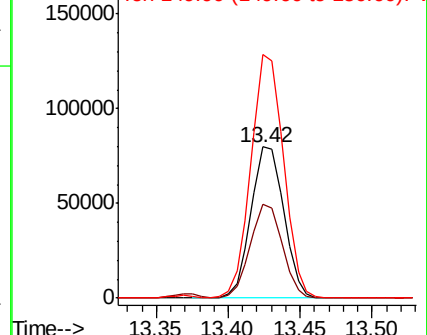
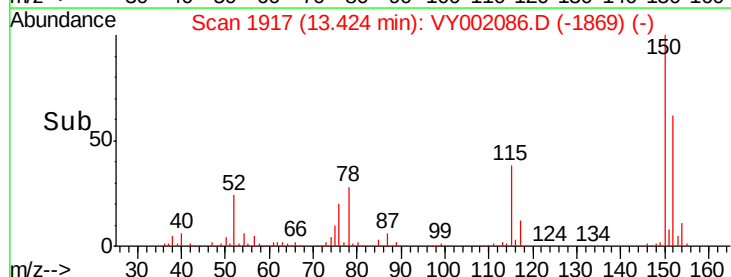
150 160.2 0.0 354.8



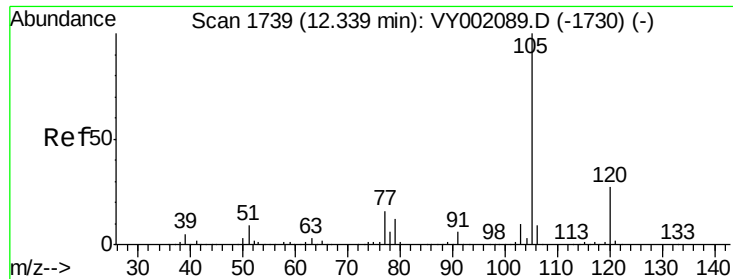
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V







#73

Isopropylbenzene

Concen: 4.769 ug/l

RT: 12.33 min Scan# 1737

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion: 105 Resp: 45635

Ion Ratio Lower Upper

105 100

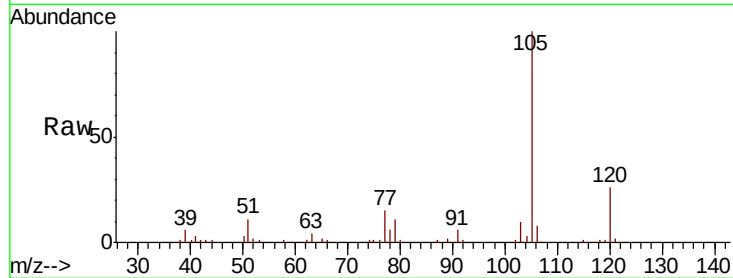
120 26.2 13.3 39.8

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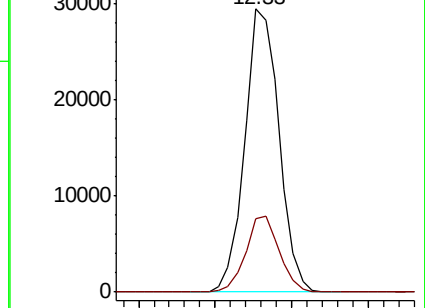
apatel

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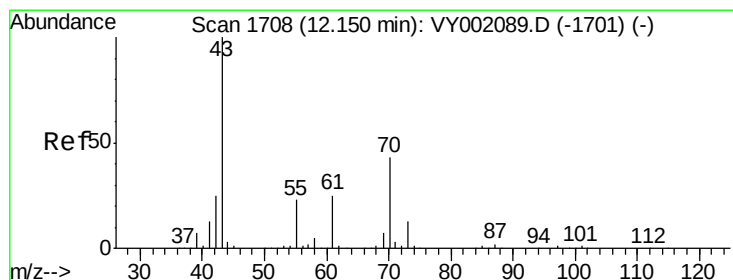
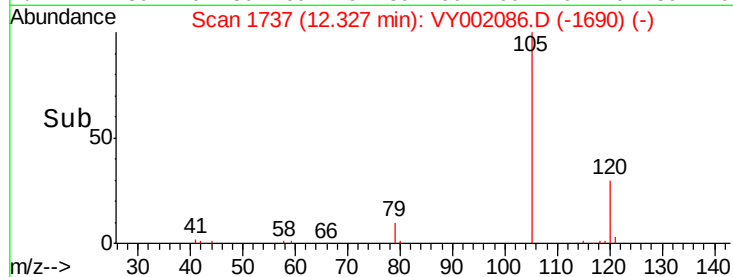


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 4.956 ug/l

RT: 12.14 min Scan# 1707

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Tgt Ion: 43 Resp: 14566

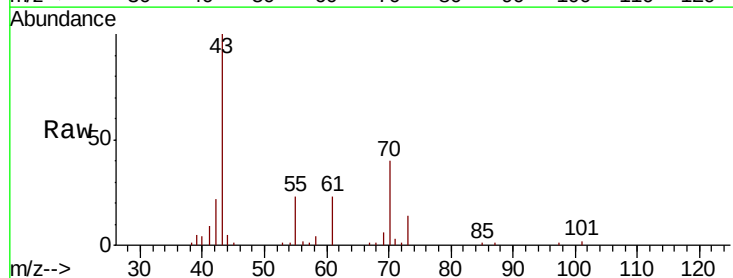
Ion Ratio Lower Upper

43 100

70 41.2 35.0 52.4

55 24.5 18.7 28.1

61 23.2 20.2 30.2

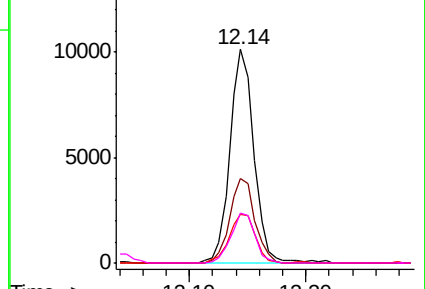


Abundance Ion 43.00 (42.70 to 43.70): VY0

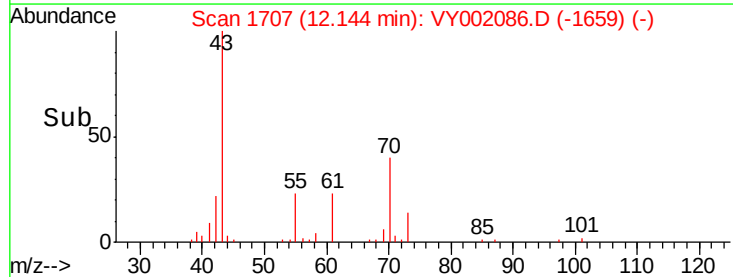
Ion 70.00 (69.70 to 70.70): VY0

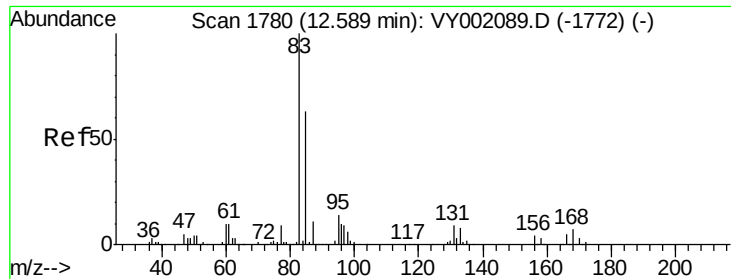
Ion 55.00 (54.70 to 55.70): VY0

Ion 61.00 (60.70 to 61.70): VY0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 4.657 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA\_Y

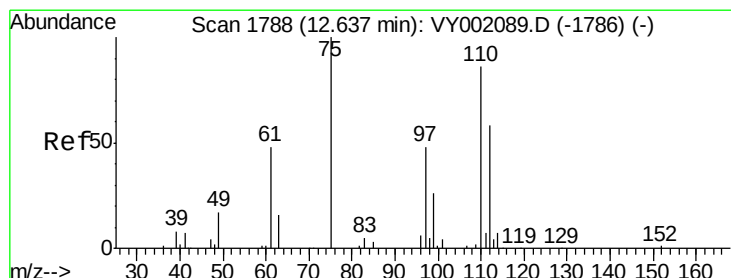
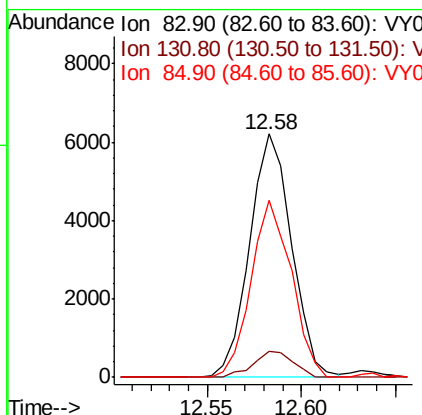
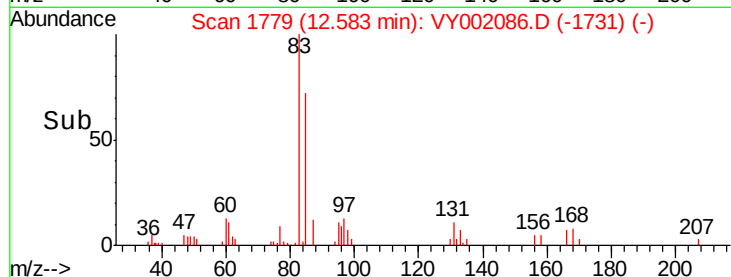
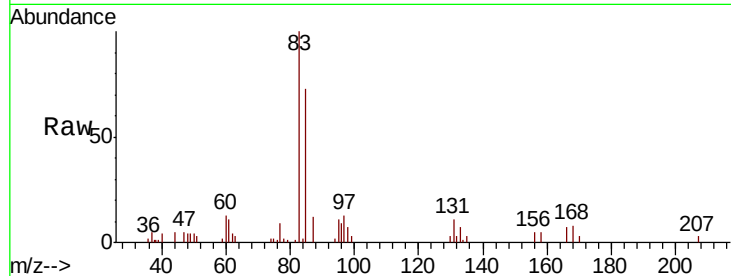
ClientSampleId :

VSTDIC005

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 83    | Resp: | 9581 |
| Ion Ratio | Lower | Upper |      |
| 83        | 100   |       |      |
| 131       | 10.1  | 4.7   | 14.1 |
| 85        | 69.7  | 32.4  | 97.0 |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 4.832 ug/l m

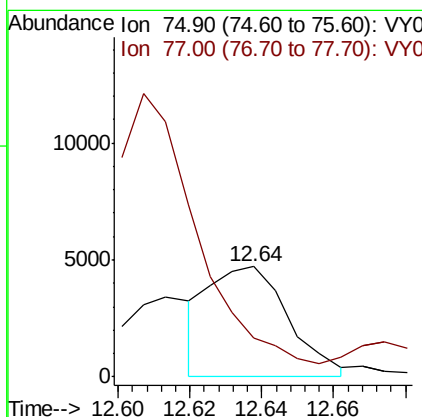
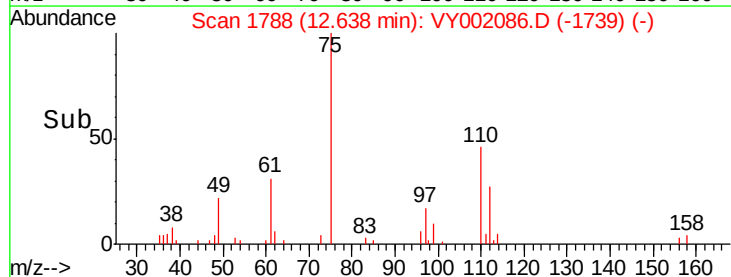
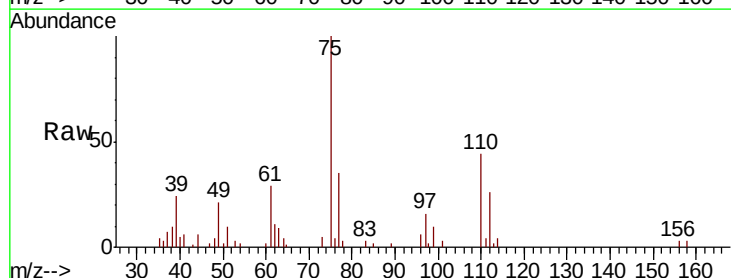
RT: 12.64 min Scan# 1788

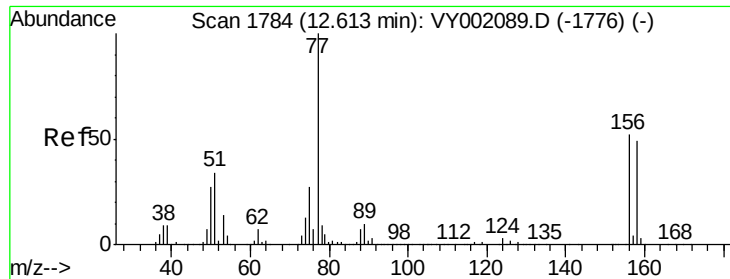
Delta R.T. 0.00 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 75    | Resp: | 7282 |
| Ion Ratio | Lower | Upper |      |
| 75        | 100   |       |      |
| 77        | 0.0   | 0.0   | 0.0  |





#77

Bromobenzene

Concen: 4.640 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion:156 Resp: 9444

Ion Ratio Lower Upper

156 100

77 228.1 107.8 323.6

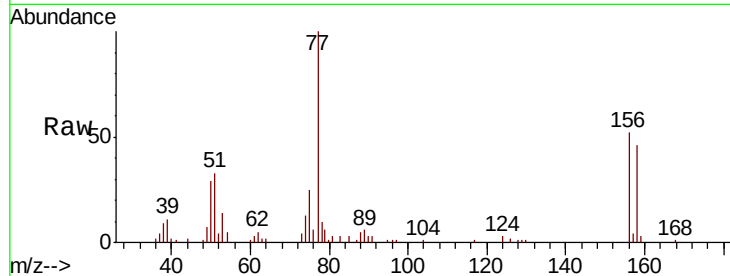
158 100.5 47.5 142.6

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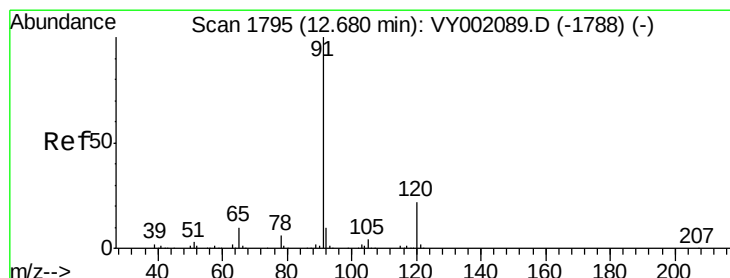
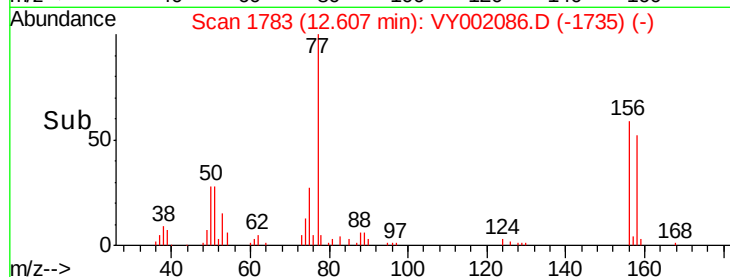
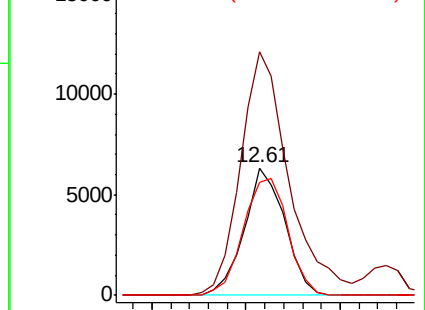
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VY0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 4.823 ug/l

RT: 12.67 min Scan# 1794

Delta R.T. -0.01 min

Lab File: VY002086.D

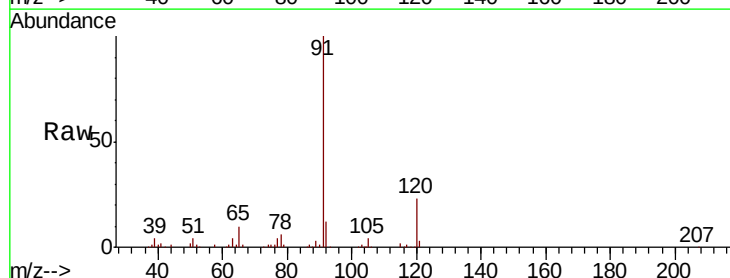
Acq: 26 Mar 2020 15:17

Tgt Ion: 91 Resp: 57000

Ion Ratio Lower Upper

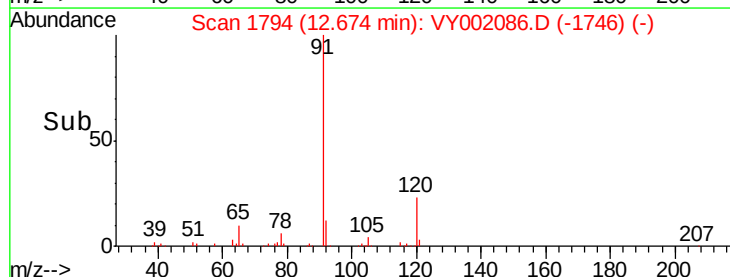
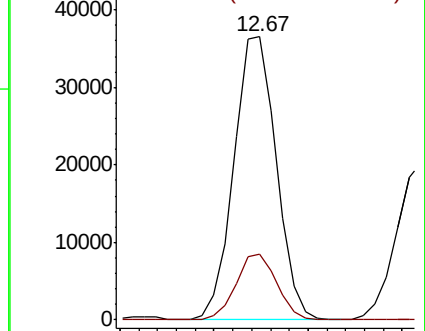
91 100

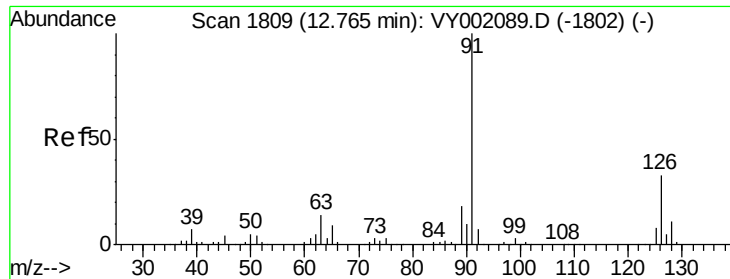
120 22.5 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VY0

Ion 120.00 (119.70 to 120.70): V





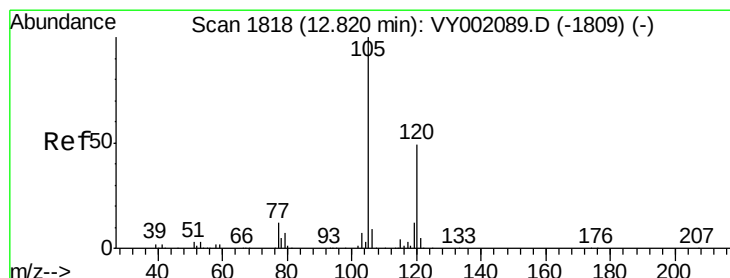
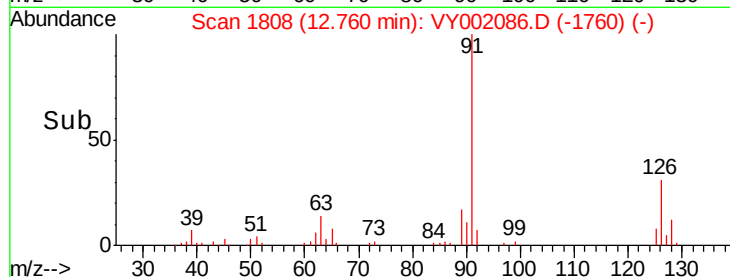
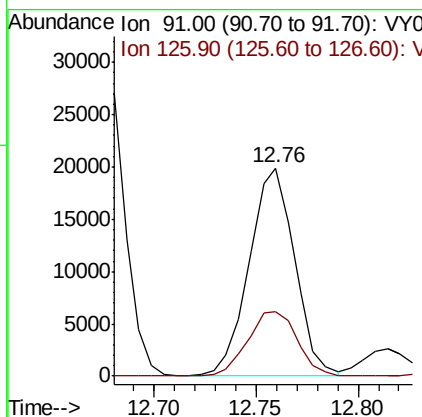
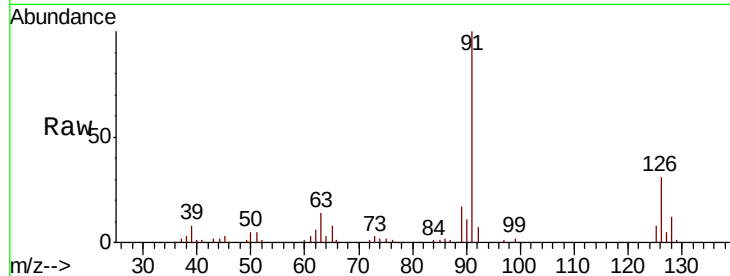
#79  
 2-Chlorotoluene  
 Concen: 4.736 ug/l  
 RT: 12.76 min Scan# 1808  
 Delta R.T. -0.01 min  
 Lab File: VY002086.D  
 Acq: 26 Mar 2020 15:17

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

Tot Ion: 91 Resp: 30915  
 Ion Ratio Lower Upper  
 91 100  
 126 33.5 16.4 49.1

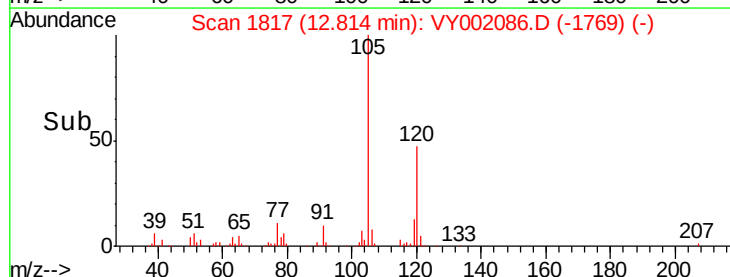
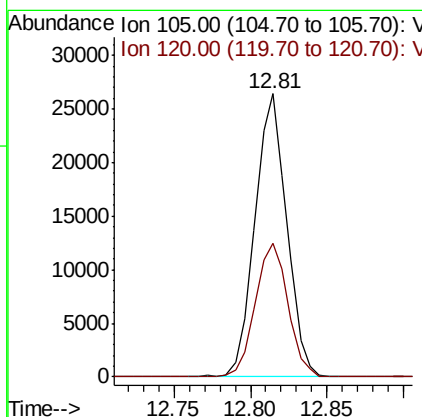
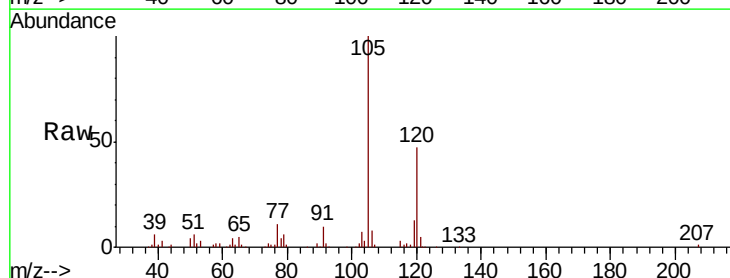
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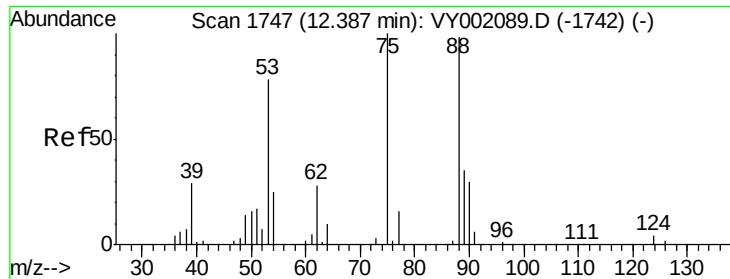
apatel  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 4.846 ug/l  
 RT: 12.81 min Scan# 1817  
 Delta R.T. -0.01 min  
 Lab File: VY002086.D  
 Acq: 26 Mar 2020 15:17

Tgt Ion: 105 Resp: 38269  
 Ion Ratio Lower Upper  
 105 100  
 120 48.6 24.1 72.4





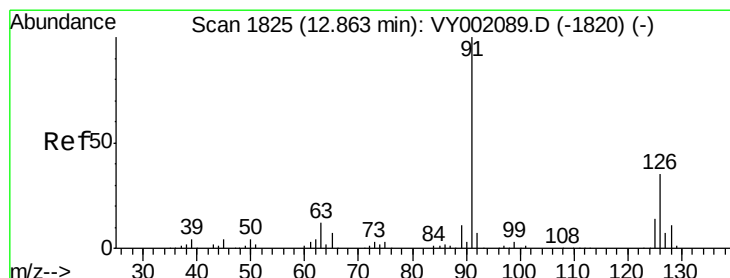
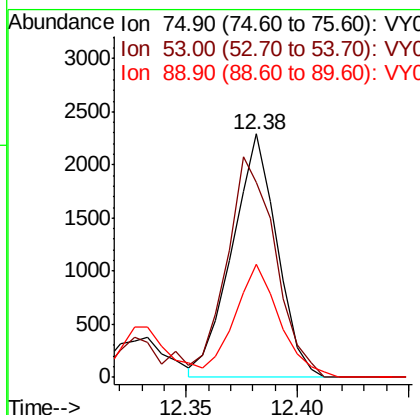
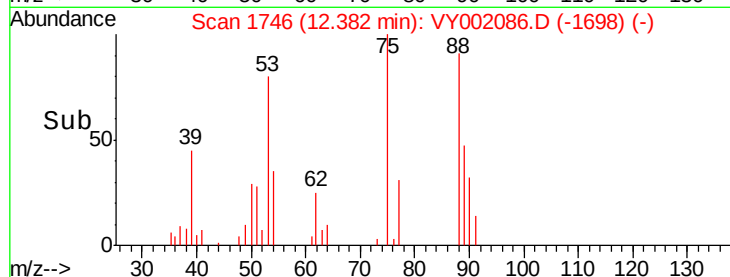
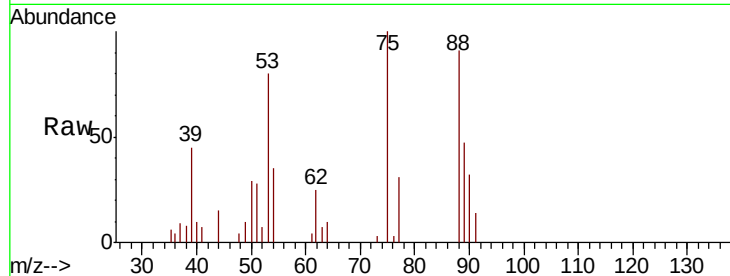
#81  
trans-1,4-Dichloro-2-butene  
Concen: 4.383 ug/l  
RT: 12.38 min Scan# 1746  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 97.5  | 65.0  | 97.4# |
| 89      | 46.9  | 33.4  | 50.0  |

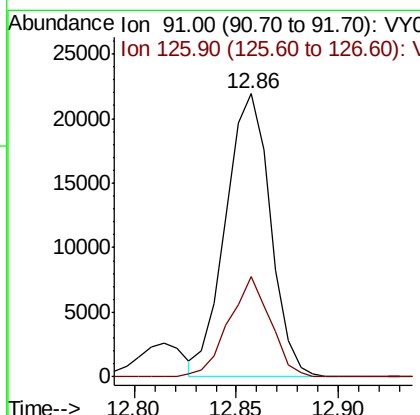
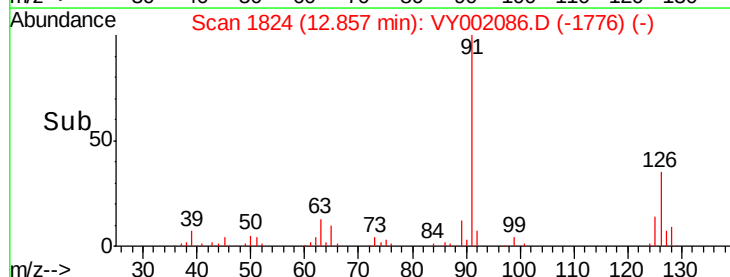
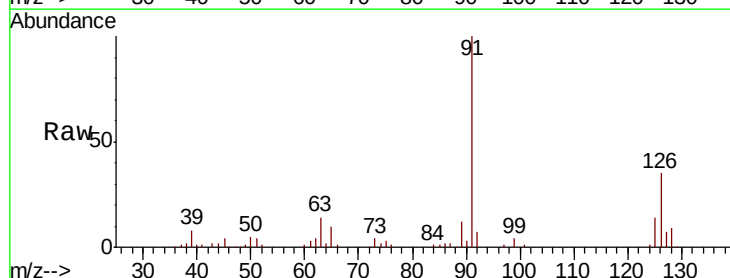
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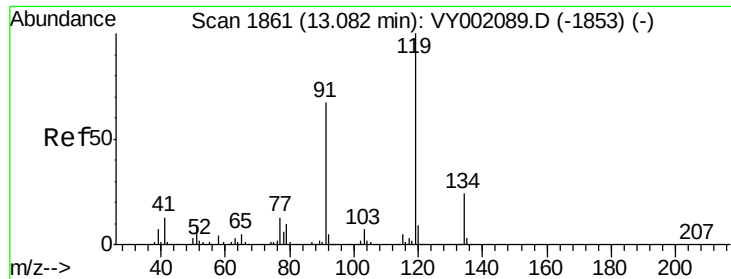
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#82  
4-Chlorotoluene  
Concen: 4.904 ug/l  
RT: 12.86 min Scan# 1824  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.9  | 16.3  | 48.9  |





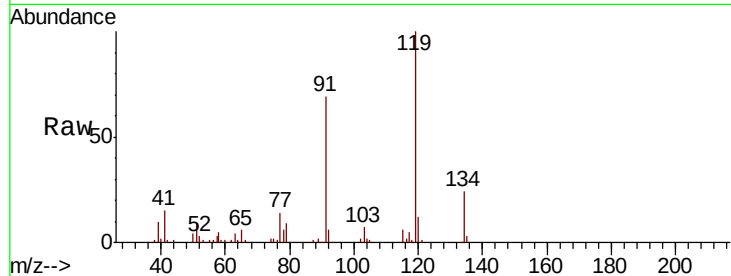
#83  
tert-Butylbenzene  
Concen: 4.724 ug/l  
RT: 13.08 min Scan# 1860  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

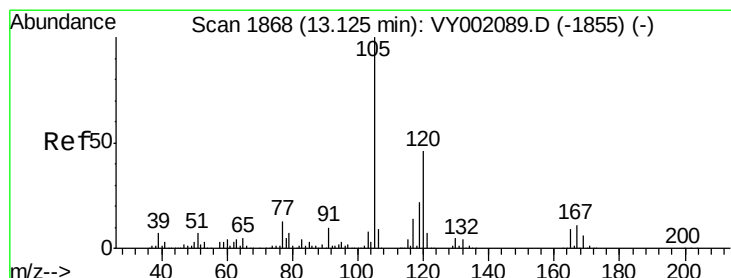
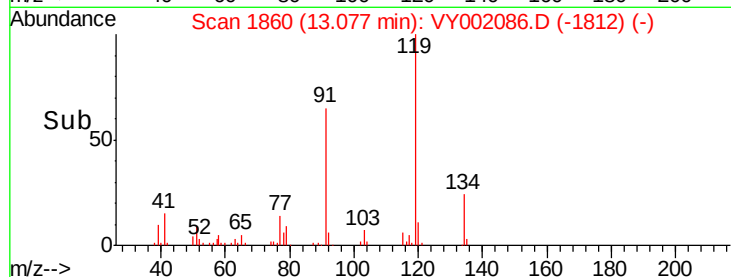
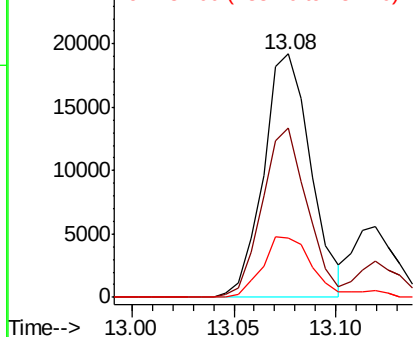
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 66.1  | 32.9  | 98.6  |
| 134     | 27.5  | 13.0  | 38.9  |

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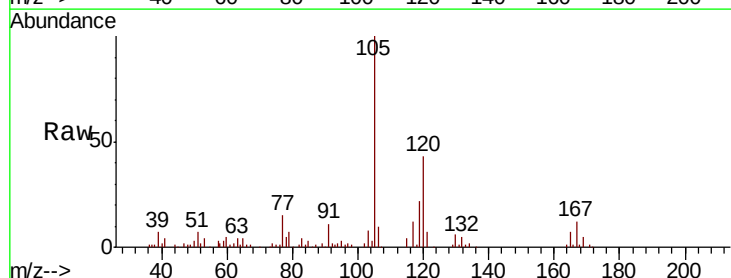


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): VY0  
Ion 134.00 (133.70 to 134.70): V

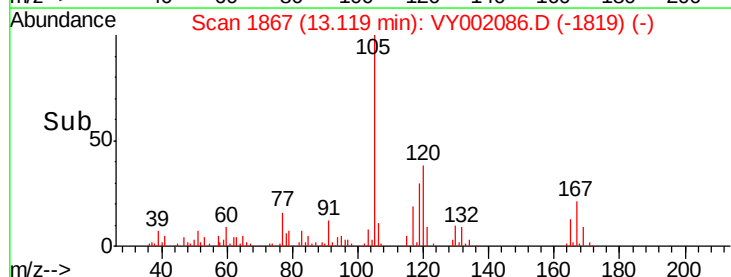
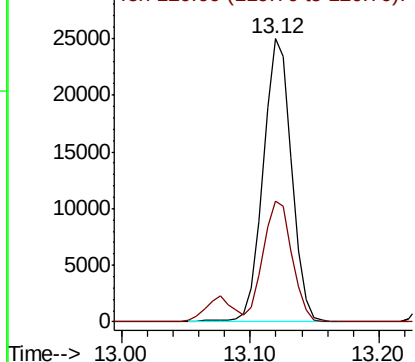


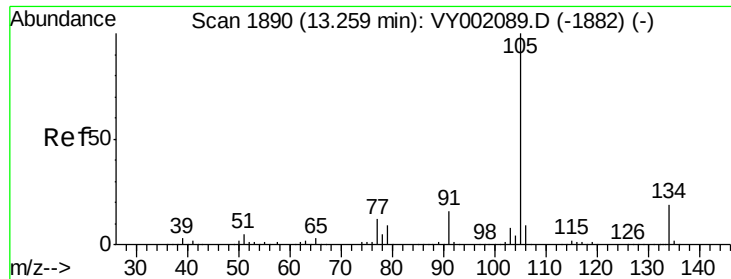
#84  
1,2,4-Trimethylbenzene  
Concen: 4.857 ug/l  
RT: 13.12 min Scan# 1867  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 43.6  | 22.9  | 68.5  |



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 4.834 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

Instrument :

MSVOA\_Y

ClientSampleId :

VSTDIC005

Tot Ion:105 Resp: 46753

Ion Ratio Lower Upper

105 100

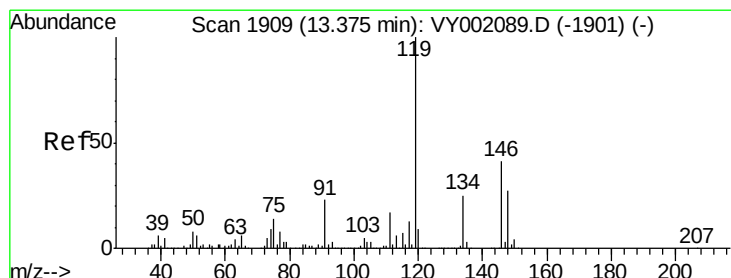
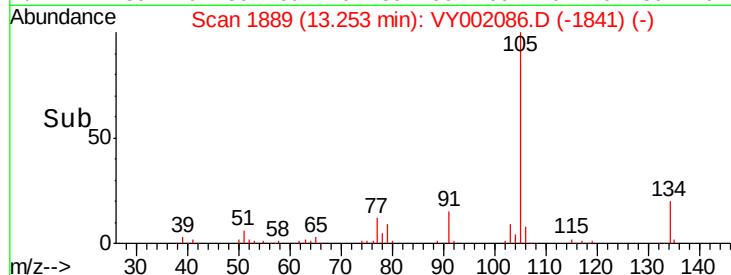
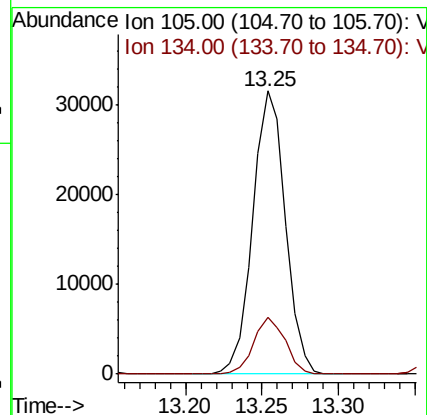
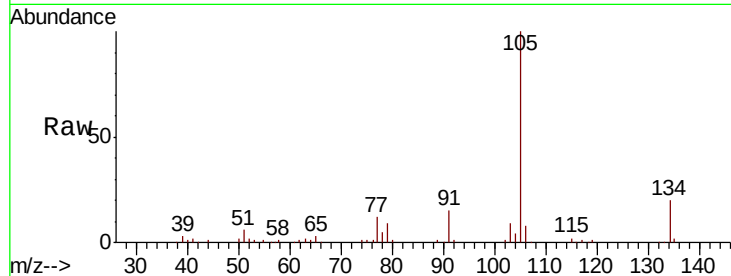
134 19.4 9.7 29.1

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#86

p-Isopropyltoluene

Concen: 4.721 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. -0.01 min

Lab File: VY002086.D

Acq: 26 Mar 2020 15:17

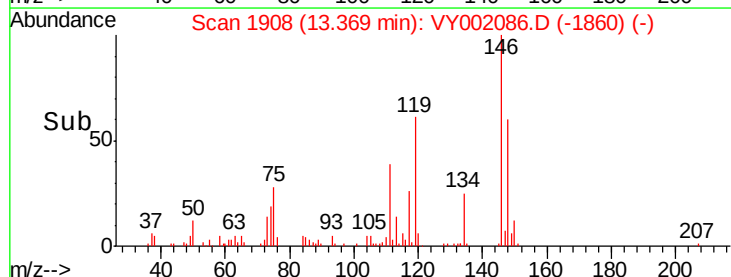
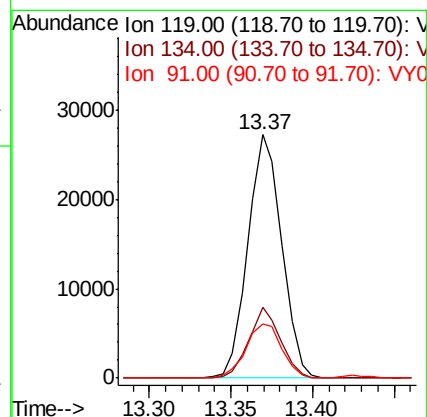
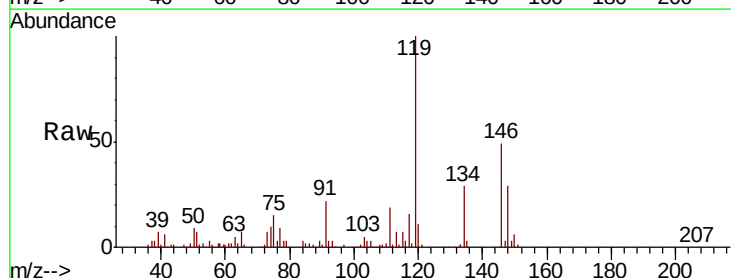
Tgt Ion:119 Resp: 39406

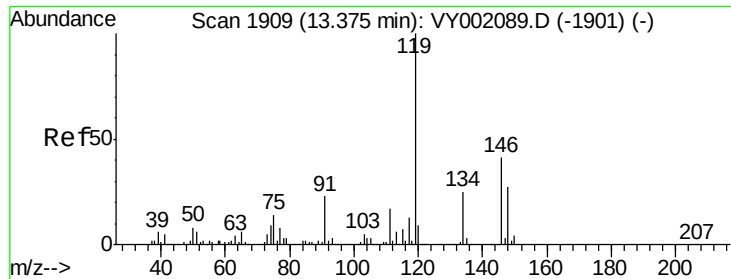
Ion Ratio Lower Upper

119 100

134 27.1 13.1 39.3

91 24.2 11.8 35.3





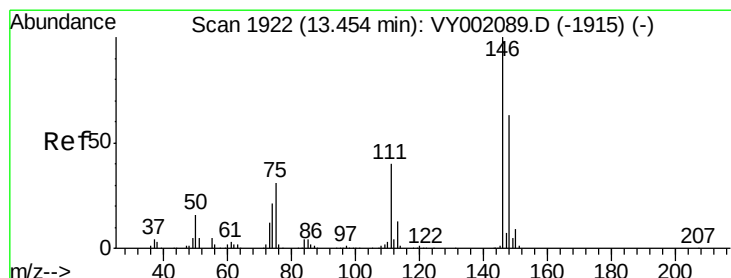
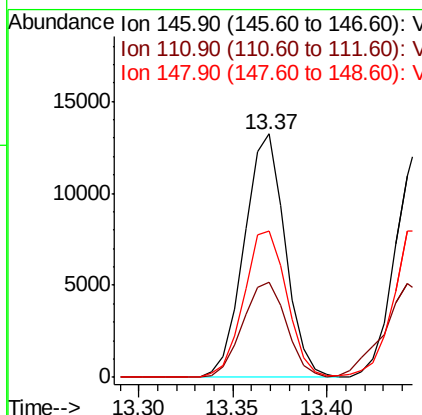
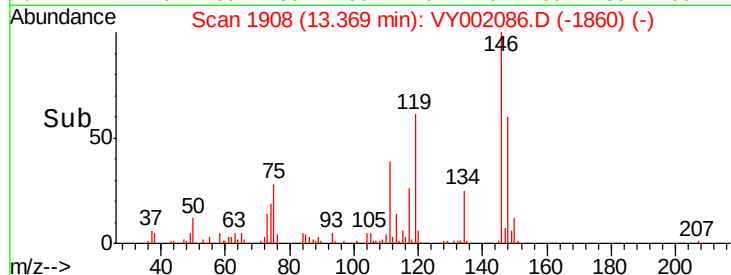
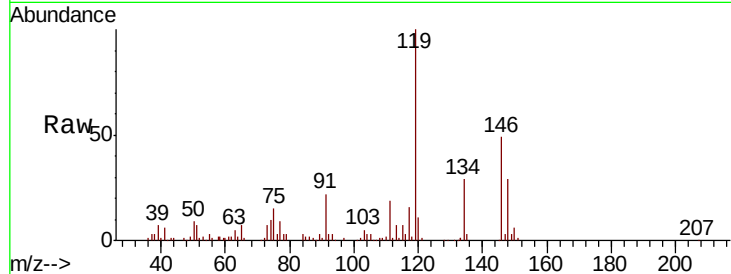
#87  
 1,3-Dichlorobenzene  
 Concen: 5.004 ug/l  
 RT: 13.37 min Scan# 1908  
 Delta R.T. -0.01 min  
 Lab File: VY002086.D  
 Acq: 26 Mar 2020 15:17

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.7  | 20.9  | 62.8  |
| 148     | 63.1  | 32.1  | 96.5  |

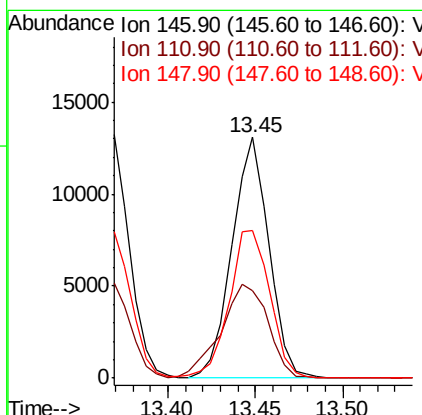
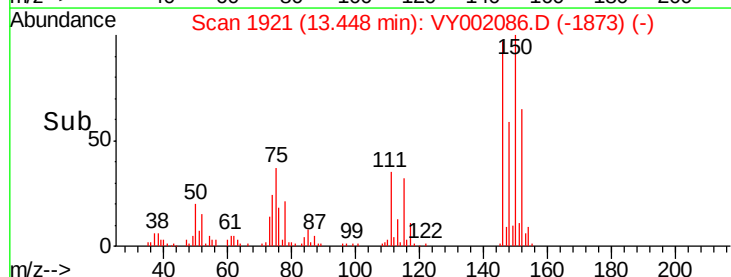
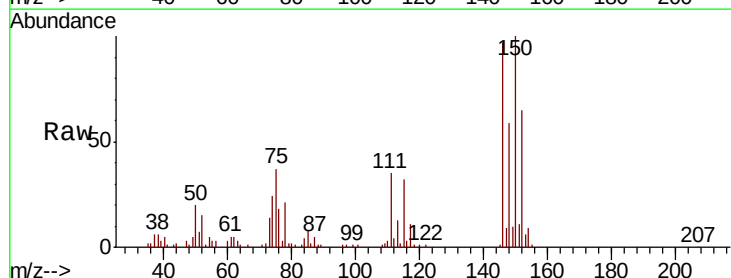
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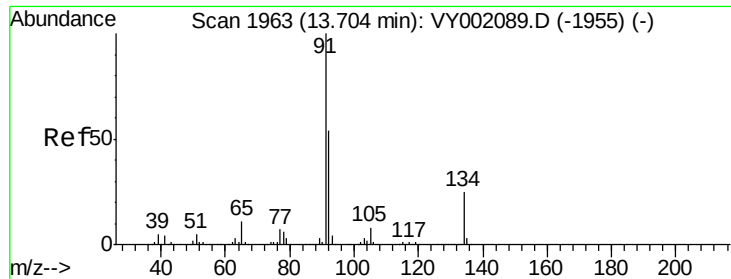


#88  
 1,4-Dichlorobenzene  
 Concen: 4.748 ug/l  
 RT: 13.45 min Scan# 1921  
 Delta R.T. -0.01 min  
 Lab File: VY002086.D  
 Acq: 26 Mar 2020 15:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 50.0  | 20.3  | 60.9  |
| 148     | 67.9  | 31.5  | 94.5  |







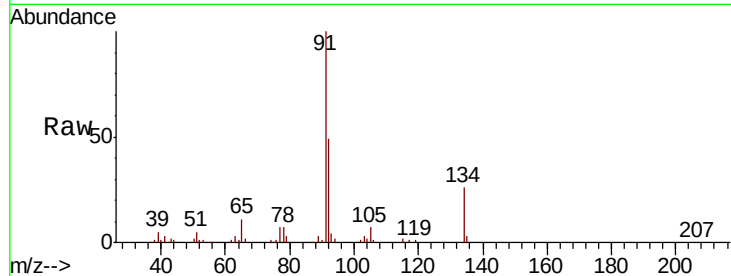
#89  
n-Butylbenzene  
Concen: 4.924 ug/l  
RT: 13.70 min Scan# 1962  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 51.3  | 27.0  | 81.0  |
| 134     | 24.1  | 12.3  | 36.8  |

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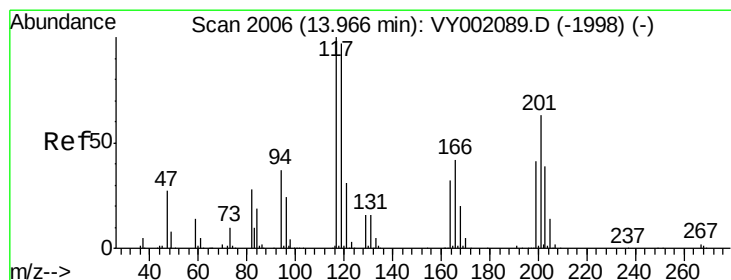
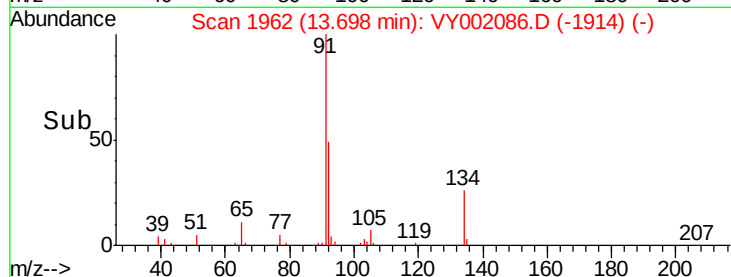
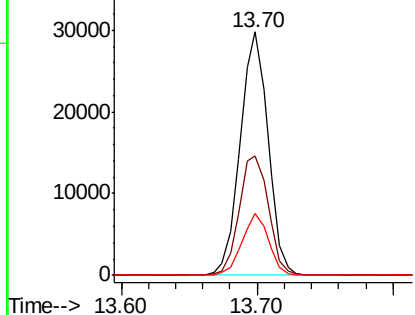


Abundance

Ion 91.00 (90.70 to 91.70): VY002089.D (-1955) (-)

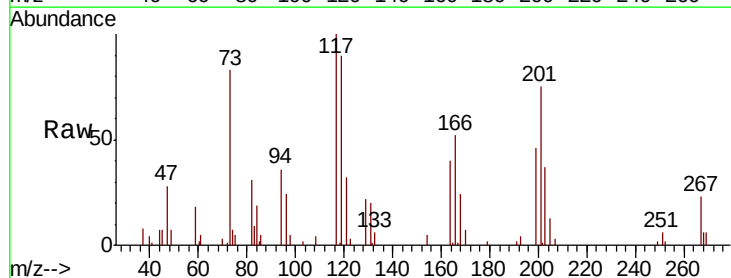
Ion 92.00 (91.70 to 92.70): VY002086.D (-1914) (-)

Ion 134.00 (133.70 to 134.70): VY002086.D (-1914) (-)



#90  
Hexachloroethane  
Concen: 4.702 ug/l  
RT: 13.97 min Scan# 2006  
Delta R.T. 0.00 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

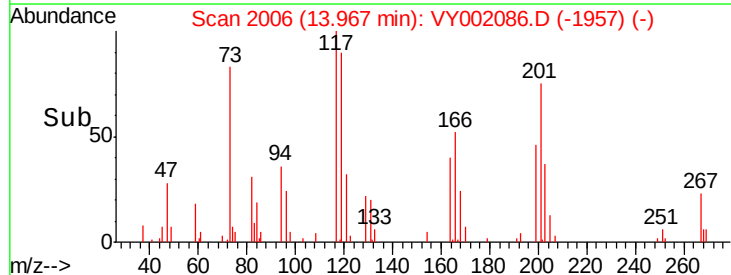
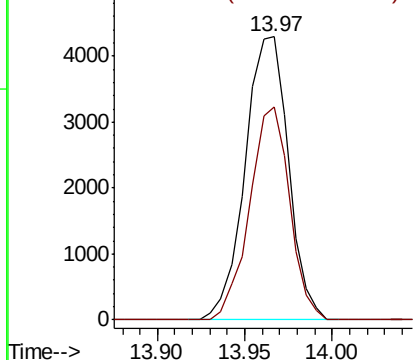
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 69.3  | 31.6  | 94.8  |

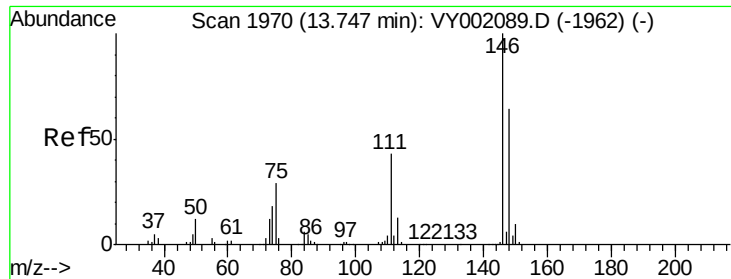


Abundance

Ion 116.80 (116.50 to 117.50): VY002089.D (-1998) (-)

Ion 200.70 (200.40 to 201.40): VY002086.D (-1957) (-)





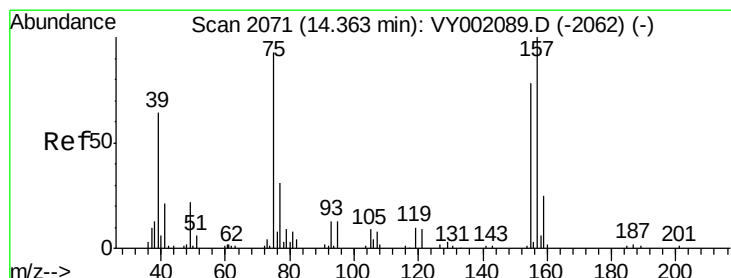
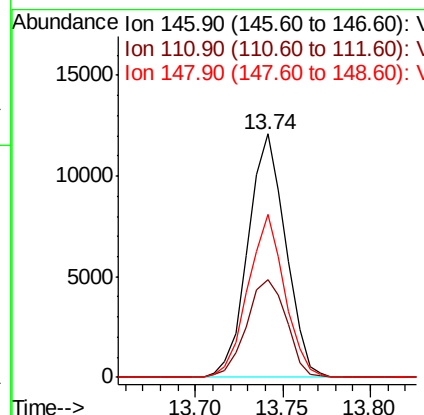
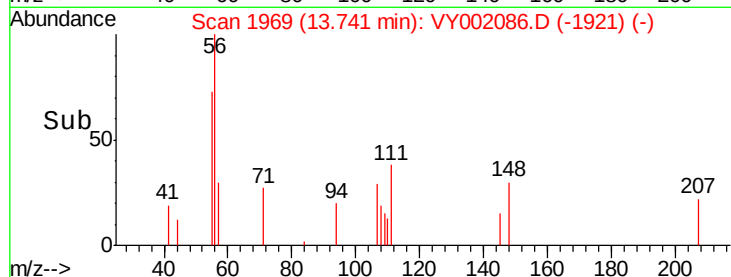
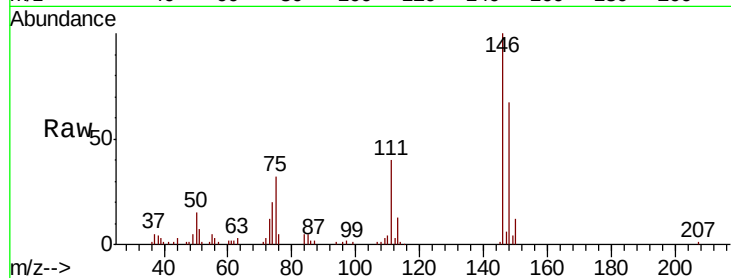
#91  
 1,2-Dichlorobenzene  
 Concen: 4.994 ug/l  
 RT: 13.74 min Scan# 1969  
 Delta R.T. -0.01 min  
 Lab File: VY002086.D  
 Acq: 26 Mar 2020 15:17

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.6  | 21.3  | 63.7  |
| 148     | 65.0  | 31.8  | 95.4  |

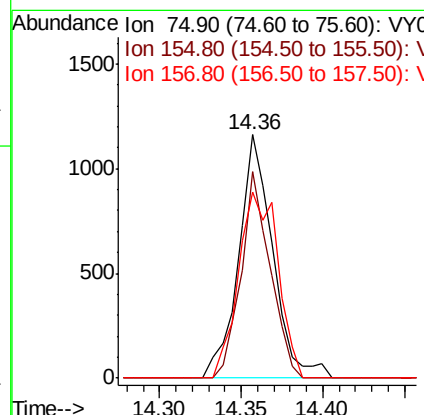
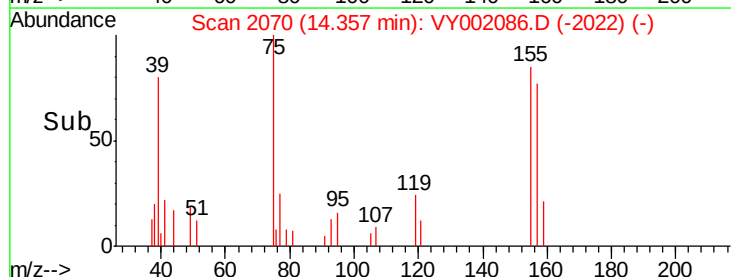
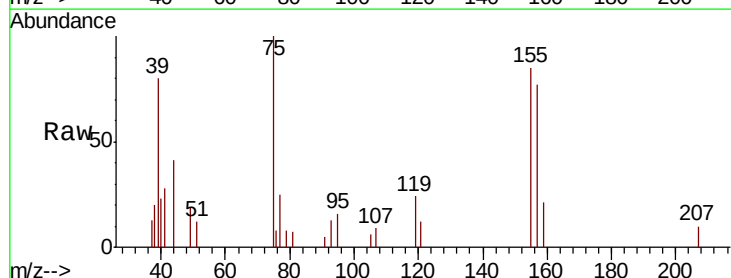
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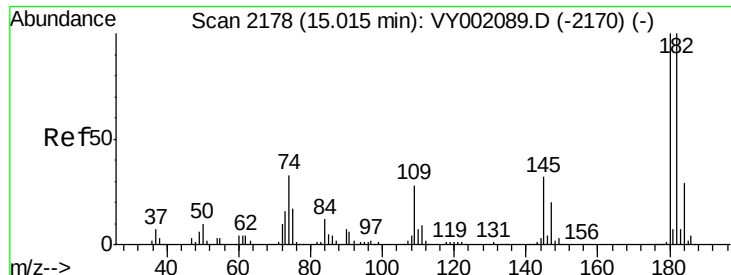
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 5.263 ug/l  
 RT: 14.36 min Scan# 2070  
 Delta R.T. -0.01 min  
 Lab File: VY002086.D  
 Acq: 26 Mar 2020 15:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 72.1  | 41.6  | 124.9 |
| 157     | 88.1  | 53.4  | 160.3 |





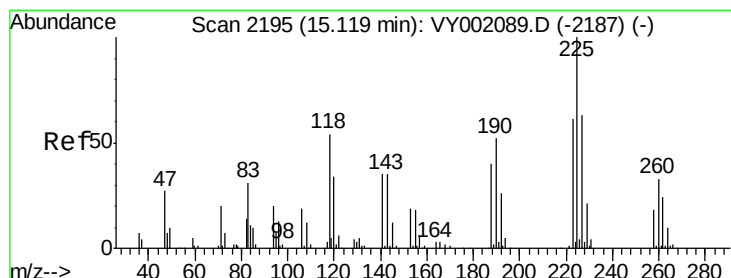
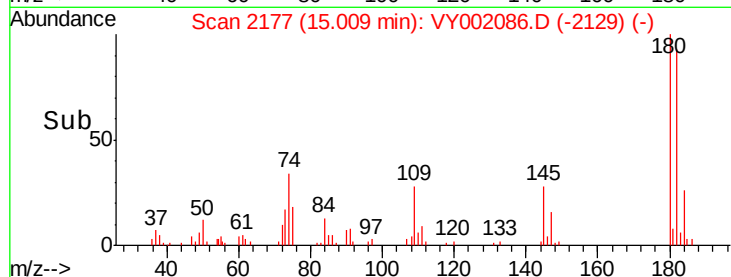
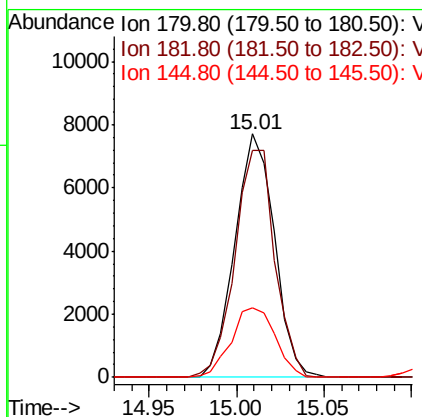
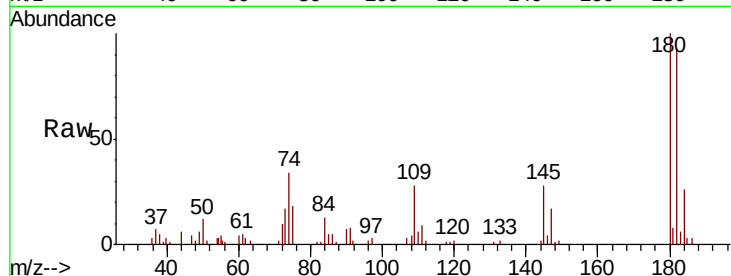
#93  
 1,2,4-Trichlorobenzene  
 Concen: 5.187 ug/l  
 RT: 15.01 min Scan# 2177  
 Delta R.T. -0.01 min  
 Lab File: VY002086.D  
 Acq: 26 Mar 2020 15:17

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.4  | 48.1  | 144.3 |
| 145     | 31.9  | 15.9  | 47.6  |

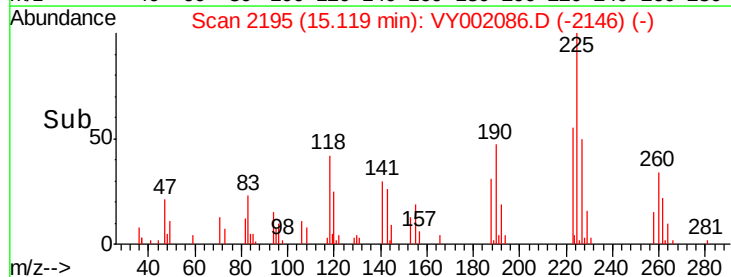
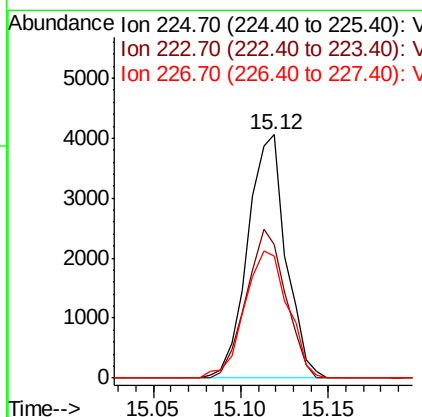
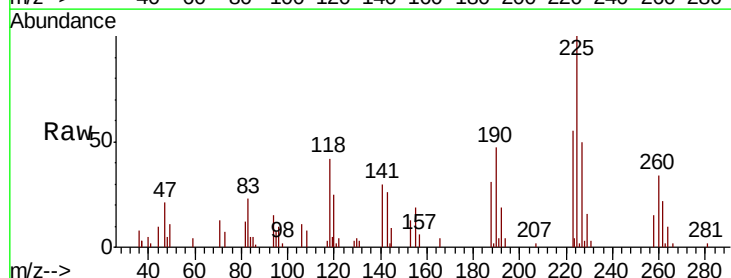
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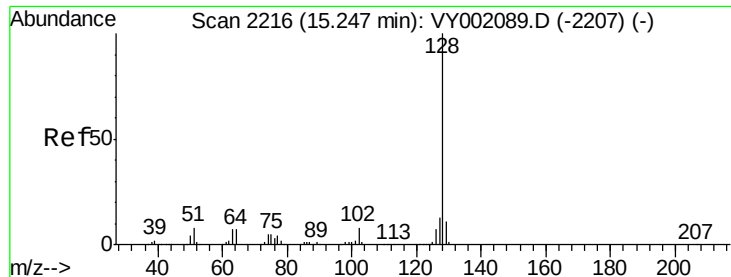
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#94  
 Hexachlorobutadiene  
 Concen: 5.369 ug/l  
 RT: 15.12 min Scan# 2195  
 Delta R.T. 0.00 min  
 Lab File: VY002086.D  
 Acq: 26 Mar 2020 15:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.7  | 31.1  | 93.3  |
| 227     | 59.5  | 31.6  | 94.7  |





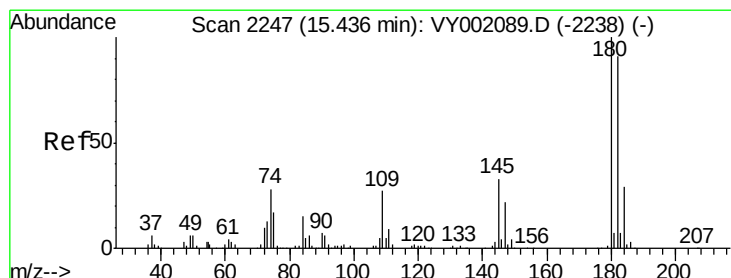
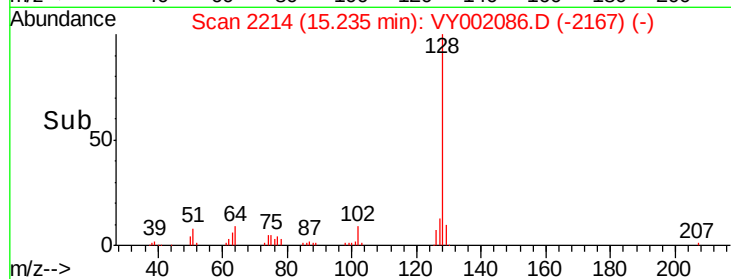
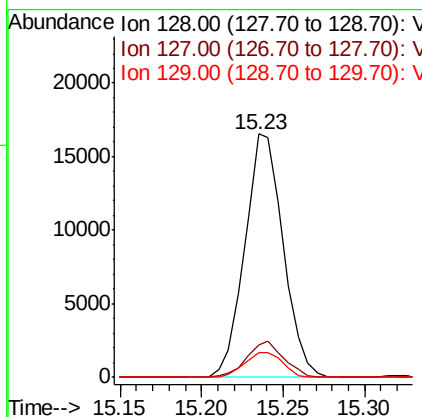
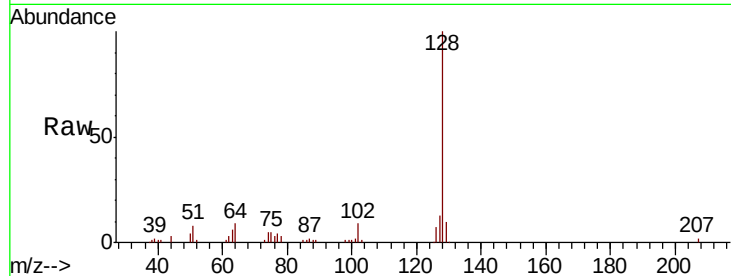
#95  
Naphthalene  
Concen: 4.868 ug/l  
RT: 15.23 min Scan# 2214  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

Instrument :  
MSVOA\_Y  
ClientSampleId :  
VSTDIC005

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 14.4  | 9.8   | 14.8  |
| 129     | 10.1  | 8.6   | 13.0  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 5.401 ug/l  
RT: 15.42 min Scan# 2245  
Delta R.T. -0.01 min  
Lab File: VY002086.D  
Acq: 26 Mar 2020 15:17

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 89.4  | 46.8  | 140.3 |
| 145     | 32.0  | 16.7  | 50.1  |

