

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY011320\  
 Data File : VY001177.D  
 Acq On : 13 Jan 2020 13:48  
 Operator : SY/MD  
 Sample : L1046-13MSD  
 Misc : 8.15G/5ML/MSVOA Y/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 CIY1-SB-04-0-2MSD

Manual Integrations  
 APPROVED

apatel  
 1/14/2020 12:47:29 PM

Quant Time: Jan 14 11:05:09 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y011020S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 10 16:01:58 2020  
 Response via : Initial Calibration

| Internal Standards            | R.T.   | QIon | Response | Conc    | Units   | Dev(Min) |
|-------------------------------|--------|------|----------|---------|---------|----------|
| 1) Pentafluorobenzene         | 7.80   | 168  | 8392     | 50.00   | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene       | 8.69   | 114  | 13613    | 50.00   | ug/l    | 0.00     |
| 63) Chlorobenzene-d5          | 11.49  | 117  | 11951    | 50.00   | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 13.42  | 152  | 4973     | 50.00   | ug/l    | 0.00     |
| System Monitoring Compounds   |        |      |          |         |         |          |
| 33) 1,2-Dichloroethane-d4     | 8.15   | 65   | 4156     | 46.89   | ug/l    | 0.00     |
| Spiked Amount                 | 50.000 |      | Recovery | =       | 93.78%  |          |
| 35) Dibromofluoromethane      | 7.73   | 113  | 3881     | 48.69   | ug/l    | 0.00     |
| Spiked Amount                 | 50.000 |      | Recovery | =       | 97.38%  |          |
| 50) Toluene-d8                | 10.18  | 98   | 15400    | 50.14   | ug/l    | 0.00     |
| Spiked Amount                 | 50.000 |      | Recovery | =       | 100.28% |          |
| 62) 4-Bromofluorobenzene      | 12.48  | 95   | 5531     | 44.05   | ug/l    | 0.00     |
| Spiked Amount                 | 50.000 |      | Recovery | =       | 88.10%  |          |
| Target Compounds              |        |      |          |         |         |          |
|                               |        |      |          |         | Qvalue  |          |
| 2) Dichlorodifluoromethane    | 1.91   | 85   | 3348     | 51.947  | ug/l    | 97       |
| 3) Chloromethane              | 2.12   | 50   | 4949     | 53.273  | ug/l    | 94       |
| 4) Vinyl Chloride             | 2.26   | 62   | 4719     | 50.422  | ug/l    | 91       |
| 5) Bromomethane               | 2.66   | 94   | 1884     | 37.476  | ug/l    | 81       |
| 6) Chloroethane               | 2.80   | 64   | 3582     | 66.248  | ug/l #  | 84       |
| 7) Trichlorofluoromethane     | 3.14   | 101  | 6635     | 50.932  | ug/l    | 94       |
| 8) Diethyl Ether              | 3.53   | 74   | 2508     | 49.545  | ug/l    | 83       |
| 9) 1,1,2-Trichlorotrifluoroet | 3.91   | 101  | 4278     | 51.017  | ug/l    | 98       |
| 10) Methyl Iodide             | 4.11   | 142  | 5975     | 52.057  | ug/l    | 98       |
| 11) Tert butyl alcohol        | 4.96   | 59   | 2401     | 269.237 | ug/l #  | 90       |
| 12) 1,1-Dichloroethene        | 3.88   | 96   | 4604     | 53.666  | ug/l    | 86       |
| 13) Acrolein                  | 3.75   | 56   | 1314m    | 163.672 | ug/l    |          |
| 14) Allyl chloride            | 4.49   | 41   | 7138     | 49.298  | ug/l    | 94       |
| 15) Acrylonitrile             | 5.18   | 53   | 6651     | 262.715 | ug/l    | 99       |
| 16) Acetone                   | 3.96   | 43   | 8127     | 394.810 | ug/l    | 98       |
| 17) Carbon Disulfide          | 4.21   | 76   | 13416    | 48.317  | ug/l    | 100      |
| 18) Methyl Acetate            | 4.49   | 43   | 5299     | 77.860  | ug/l    | 95       |
| 19) Methyl tert-butyl Ether   | 5.24   | 73   | 12492    | 52.641  | ug/l    | 97       |
| 20) Methylene Chloride        | 4.72   | 84   | 5189     | 54.601  | ug/l    | 96       |
| 21) trans-1,2-Dichloroethene  | 5.23   | 96   | 4866     | 50.022  | ug/l #  | 92       |
| 22) Diisopropyl ether         | 6.13   | 45   | 14820    | 50.112  | ug/l #  | 90       |
| 23) Vinyl Acetate             | 6.08   | 43   | 14801m   | 78.255  | ug/l    |          |
| 24) 1,1-Dichloroethane        | 6.04   | 63   | 8219     | 50.765  | ug/l    | 93       |
| 25) 2-Butanone                | 7.00   | 43   | 10405    | 324.782 | ug/l    | 97       |
| 26) 2,2-Dichloropropane       | 7.00   | 77   | 5993     | 40.253  | ug/l    | 94       |
| 27) cis-1,2-Dichloroethene    | 7.00   | 96   | 5614     | 52.668  | ug/l    | 92       |
| 28) Bromochloromethane        | 7.35   | 49   | 3684     | 55.412  | ug/l    | 100      |
| 29) Tetrahydrofuran           | 7.36   | 42   | 6383     | 290.732 | ug/l    | 97       |
| 30) Chloroform                | 7.52   | 83   | 7979     | 50.297  | ug/l #  | 83       |
| 31) Cyclohexane               | 7.79   | 56   | 8503     | 49.602  | ug/l    | 95       |
| 32) 1,1,1-Trichloroethane     | 7.71   | 97   | 7106     | 50.484  | ug/l    | 96       |
| 36) 1,1-Dichloropropene       | 7.93   | 75   | 6531     | 52.638  | ug/l    | 98       |
| 37) Ethyl Acetate             | 7.09   | 43   | 3410     | 46.830  | ug/l #  | 93       |
| 38) Carbon Tetrachloride      | 7.91   | 117  | 5716     | 50.269  | ug/l #  | 97       |

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 Misc : 8.15G/5ML/MSVOA Y/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
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 CIY1-SB-04-0-2MSD

Manual Integrations  
 APPROVED

apatel  
 1/14/2020 12:47:29 PM

Quant Time: Jan 14 11:05:09 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y011020S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jan 10 16:01:58 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.19  | 83   | 8576     | 50.984   | ug/l   | 98       |
| 40) Benzene                    | 8.17  | 78   | 19272    | 53.211   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.33  | 41   | 2663     | 77.855   | ug/l # | 47       |
| 42) 1,2-Dichloroethane         | 8.24  | 62   | 5343     | 52.685   | ug/l   | 95       |
| 43) Isopropyl Acetate          | 8.28  | 43   | 7637     | 54.848   | ug/l   | 98       |
| 44) Trichloroethene            | 8.95  | 130  | 5366     | 56.859   | ug/l   | 94       |
| 45) 1,2-Dichloropropane        | 9.22  | 63   | 5059     | 56.501   | ug/l   | 92       |
| 46) Dibromomethane             | 9.32  | 93   | 2729     | 55.861   | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.50  | 83   | 6279     | 52.738   | ug/l   | 91       |
| 48) Methyl methacrylate        | 9.30  | 41   | 3312     | 51.402   | ug/l   | 91       |
| 49) 1,4-Dioxane                | 9.30  | 88   | 1027     | 1726.195 | ug/l # | 72       |
| 51) 4-Methyl-2-Pentanone       | 10.07 | 43   | 20156    | 285.289  | ug/l   | 98       |
| 52) Toluene                    | 10.24 | 92   | 11860    | 51.342   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 5397     | 40.509   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 9.93  | 75   | 7015     | 46.701   | ug/l # | 89       |
| 55) 1,1,2-Trichloroethane      | 10.64 | 97   | 4044     | 55.837   | ug/l # | 84       |
| 56) Ethyl methacrylate         | 10.51 | 69   | 5487     | 49.527   | ug/l   | 96       |
| 57) 1,3-Dichloropropane        | 10.79 | 76   | 6800     | 54.691   | ug/l   | 95       |
| 58) 2-Chloroethyl Vinyl ether  | 9.78  | 63   | 2421     | 62.133   | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.83 | 43   | 13745    | 277.594  | ug/l   | 98       |
| 60) Dibromochloromethane       | 10.99 | 129  | 4301     | 51.578   | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 11.09 | 107  | 3837     | 54.257   | ug/l   | 92       |
| 64) Tetrachloroethene          | 10.72 | 164  | 4864     | 63.137   | ug/l   | 90       |
| 65) Chlorobenzene              | 11.52 | 112  | 12488    | 52.295   | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.59 | 131  | 4294     | 52.172   | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.59 | 91   | 22214    | 50.851   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.70 | 106  | 17423    | 105.729  | ug/l   | 91       |
| 69) o-Xylene                   | 12.03 | 106  | 7925     | 50.159   | ug/l   | 100      |
| 70) Styrene                    | 12.04 | 104  | 13350    | 48.157   | ug/l   | 97       |
| 71) Bromoform                  | 12.20 | 173  | 2594     | 51.106   | ug/l # | 96       |
| 73) Isopropylbenzene           | 12.33 | 105  | 20891    | 55.880   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.14 | 43   | 4505     | 38.612   | ug/l # | 94       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.58 | 83   | 4724     | 60.058   | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane     | 12.63 | 75   | 3663m    | 68.806   | ug/l   |          |
| 77) Bromobenzene               | 12.61 | 156  | 4691     | 56.786   | ug/l   | 90       |
| 78) n-propylbenzene            | 12.67 | 91   | 24233    | 53.888   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.75 | 91   | 13301    | 51.502   | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 16439    | 52.700   | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 671      | 21.374   | ug/l # | 98       |
| 82) 4-Chlorotoluene            | 12.85 | 91   | 13546    | 49.131   | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.07 | 119  | 14834    | 56.594   | ug/l   | 95       |
| 84) 1,2,4-Trimethylbenzene     | 13.12 | 105  | 16679    | 53.842   | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.25 | 105  | 19624    | 52.043   | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 13.37 | 119  | 17486    | 53.410   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.36 | 146  | 8204     | 52.513   | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 13.44 | 146  | 8230     | 51.185   | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.69 | 91   | 16227    | 49.211   | ug/l   | 98       |
| 90) Hexachloroethane           | 13.96 | 117  | 2435     | 38.064   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.74 | 146  | 7782     | 53.596   | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 623      | 43.909   | ug/l   | 91       |

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Sample : L1046-13MSD  
Misc : 8.15G/5ML/MSVOA Y/SOIL  
ALS Vial : 11 Sample Multiplier: 1

Instrument :  
MSVOA\_Y  
ClientSampleId :  
CIY1-SB-04-0-2MSD

Manual Integrations  
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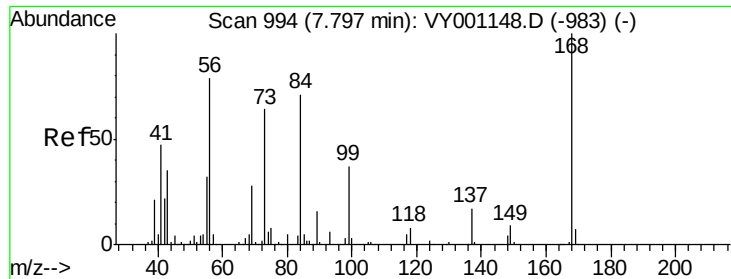
apatel  
1/14/2020 12:47:29 PM

Quant Time: Jan 14 11:05:09 2020  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y011020S.M  
Quant Title : SW846 8260  
QLast Update : Fri Jan 10 16:01:58 2020  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.00 | 180  | 3873     | 40.485 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.11 | 225  | 2085     | 43.262 | ug/l  | 98       |
| 95) Naphthalene            | 15.23 | 128  | 8524     | 38.274 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180  | 3238     | 38.405 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.80 min Scan# 995

Delta R.T. 0.01 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA\_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion:168 Resp: 8392

Ion Ratio Lower Upper

168 100

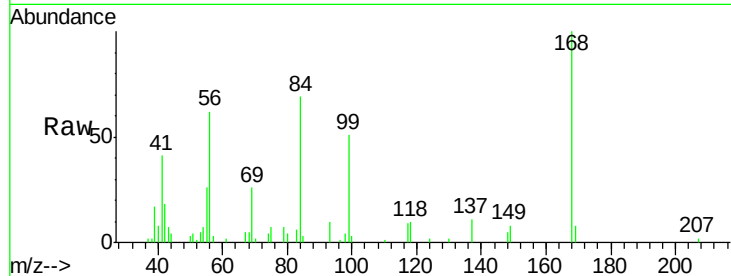
99 51.3 47.9 71.9

Manual Integrations

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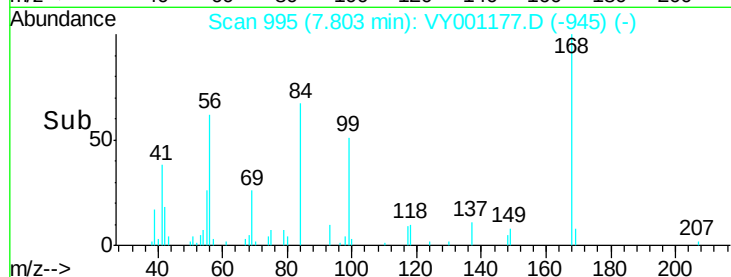
1/14/2020 12:47:29 PM



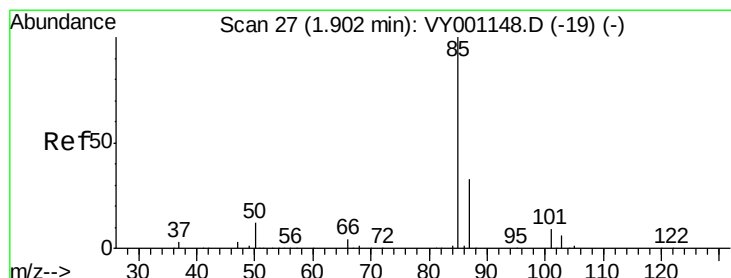
Abundance Ion 167.90 (167.60 to 168.60): VY001148.D (-983) (-)

Ion 98.90 (98.60 to 99.60): VY001148.D (-983) (-)

Time-->



Time-->



#2

Dichlorodifluoromethane

Concen: 51.947 ug/l

RT: 1.91 min Scan# 28

Delta R.T. 0.01 min

Lab File: VY001177.D

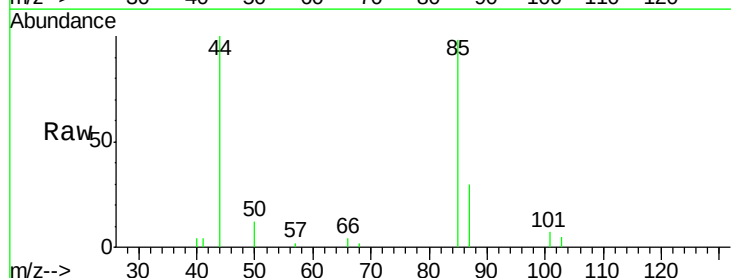
Acq: 13 Jan 2020 13:48

Tgt Ion: 85 Resp: 3348

Ion Ratio Lower Upper

85 100

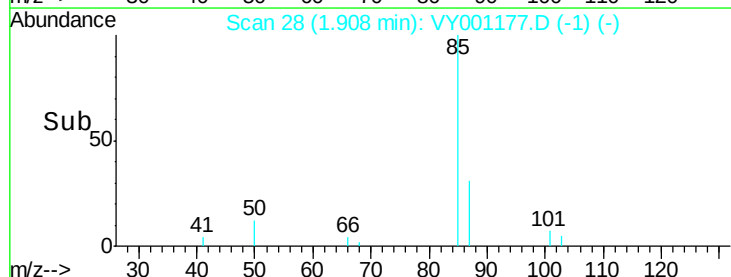
87 31.0 16.4 49.2



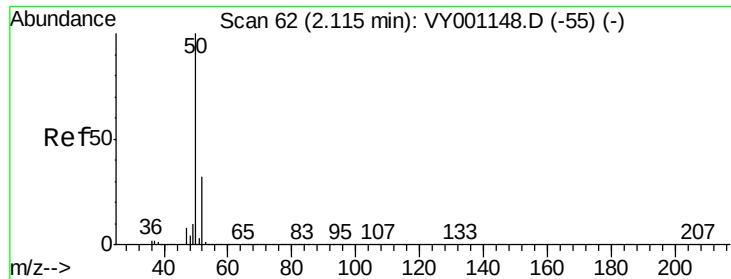
Abundance Ion 84.90 (84.60 to 85.60): VY001148.D (-19) (-)

Ion 86.90 (86.60 to 87.60): VY001148.D (-19) (-)

Time-->



Time-->



#3

Chloromethane

Concen: 53.273 ug/l

RT: 2.12 min Scan# 62

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA\_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion: 50 Resp: 4949

Ion Ratio Lower Upper

50 100

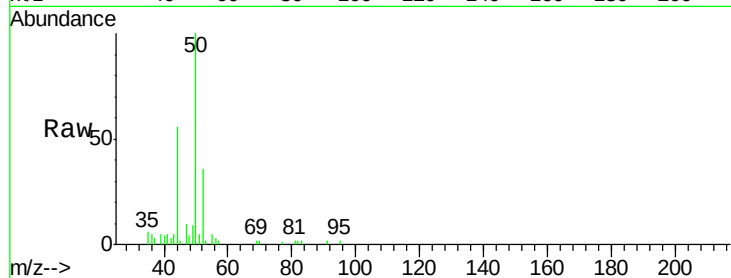
52 35.7 25.8 38.6

Manual Integrations

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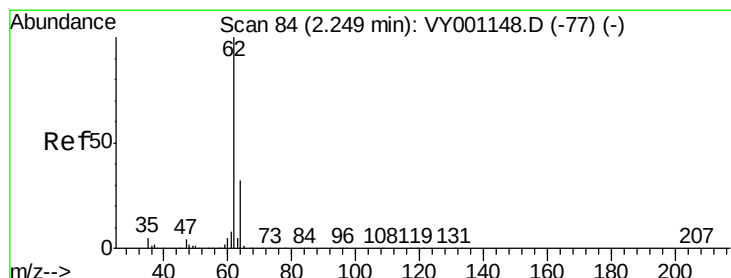
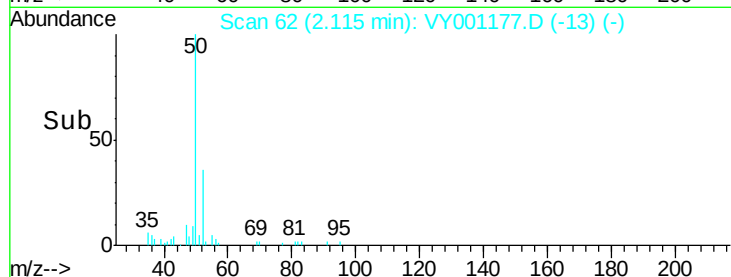


Abundance Ion 49.90 (49.60 to 50.60): VY0

Ion 51.90 (51.60 to 52.60): VY0

2.12

Time-->



#4

Vinyl Chloride

Concen: 50.422 ug/l

RT: 2.26 min Scan# 85

Delta R.T. 0.01 min

Lab File: VY001177.D

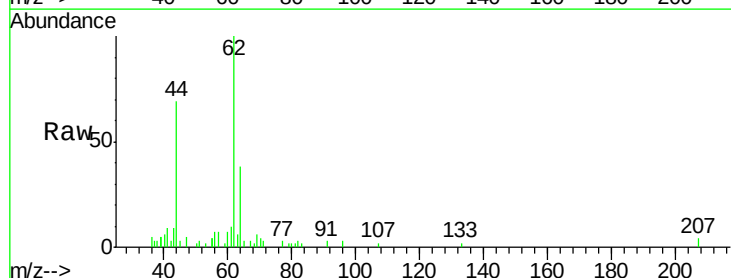
Acq: 13 Jan 2020 13:48

Tgt Ion: 62 Resp: 4719

Ion Ratio Lower Upper

62 100

64 37.5 25.8 38.8

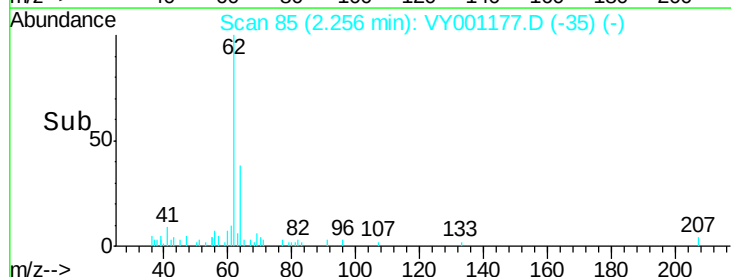


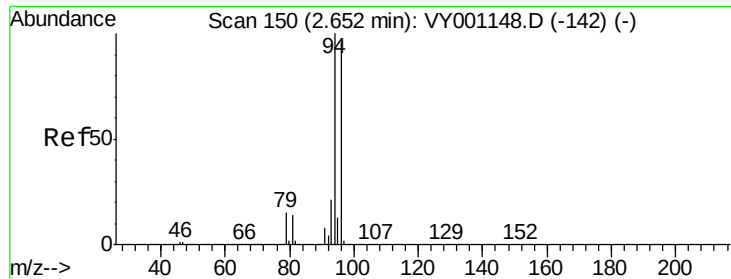
Abundance Ion 61.90 (61.60 to 62.60): VY0

Ion 63.90 (63.60 to 64.60): VY0

2.26

Time-->





#5

Bromomethane

Concen: 37.476 ug/l

RT: 2.66 min Scan# 152

Delta R.T. 0.01 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA\_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion: 94 Resp: 1884

Ion Ratio Lower Upper

94 100

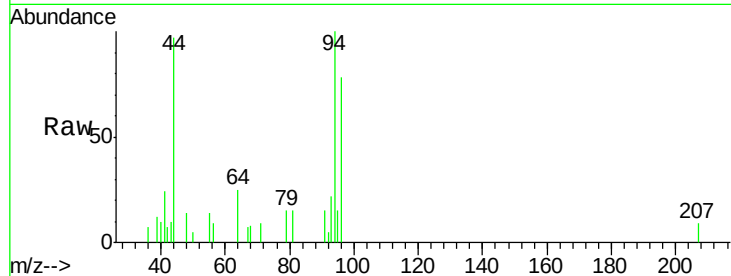
96 77.8 77.3 115.9

Manual Integrations

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Abundance Ion 93.90 (93.60 to 94.60): VY0

Ion 95.90 (95.60 to 96.60): VY0

1200

1000

800

600

400

200

0

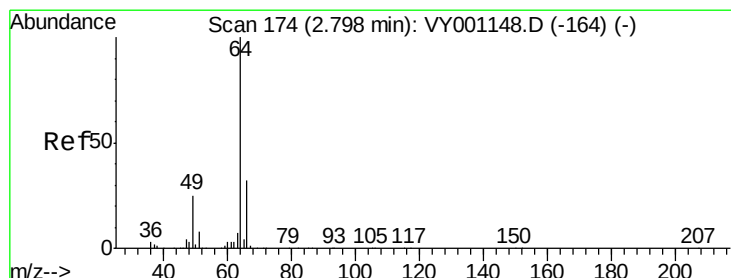
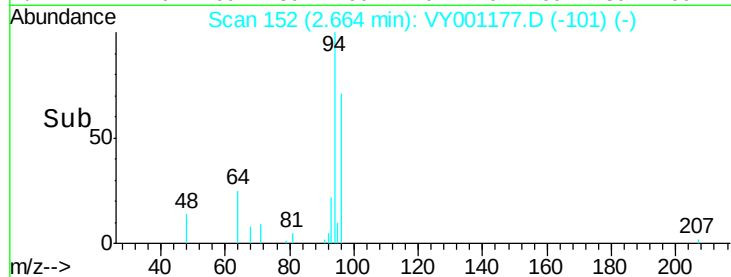
2.60

2.65

2.70

2.75

Time-->



#6

Chloroethane

Concen: 66.248 ug/l

RT: 2.80 min Scan# 174

Delta R.T. 0.00 min

Lab File: VY001177.D

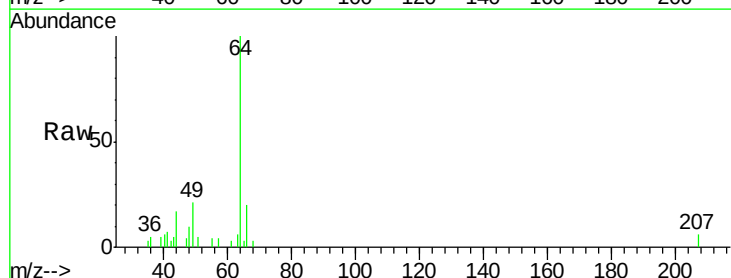
Acq: 13 Jan 2020 13:48

Tgt Ion: 64 Resp: 3582

Ion Ratio Lower Upper

64 100

66 23.0 25.5 38.3#



Abundance Ion 63.90 (63.60 to 64.60): VY0

Ion 65.90 (65.60 to 66.60): VY0

2000

1500

1000

500

0

2.70

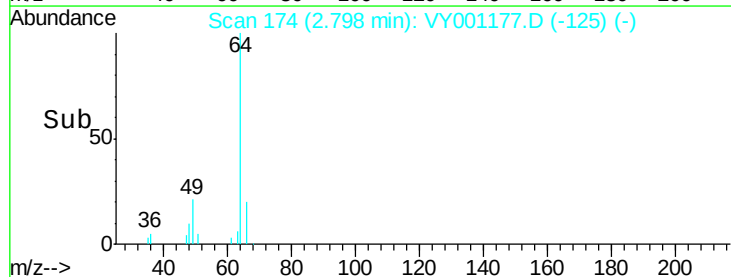
2.75

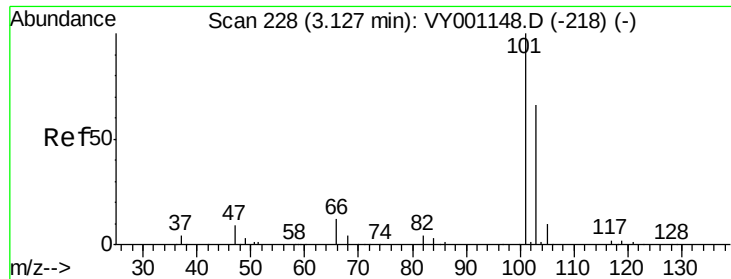
2.80

2.85

2.90

Time-->





#7

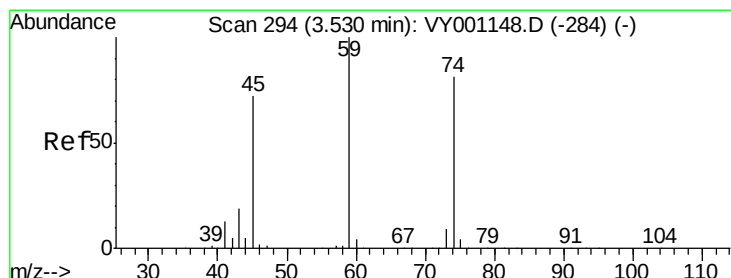
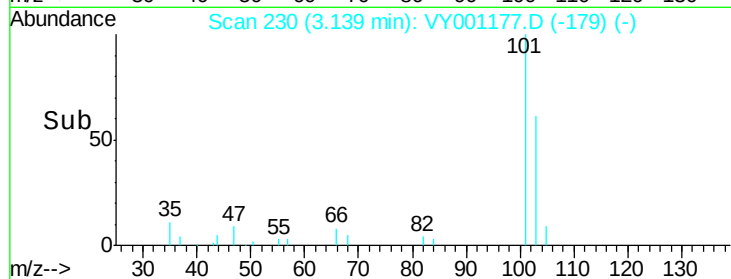
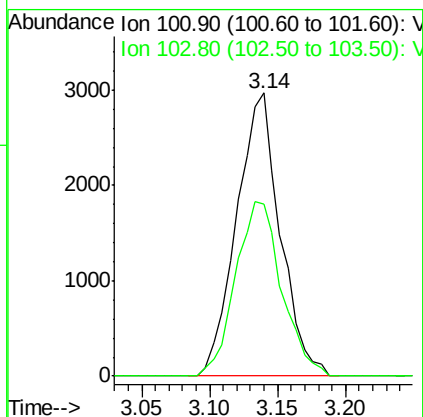
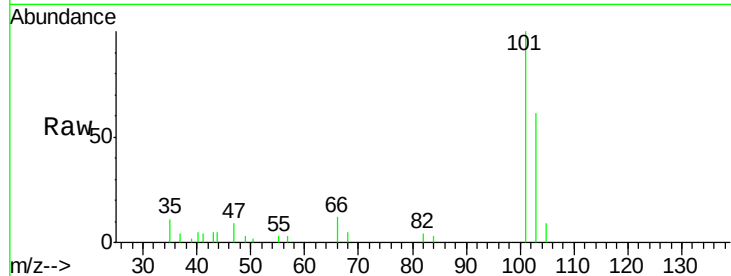
Trichlorofluoromethane  
 Concen: 50.932 ug/l  
 RT: 3.14 min Scan# 230  
 Delta R.T. 0.01 min  
 Lab File: VY001177.D  
 Acq: 13 Jan 2020 13:48

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 CIY1-SB-04-0-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 60.8  | 52.6  | 79.0  |

Manual Integrations  
 APPROVED

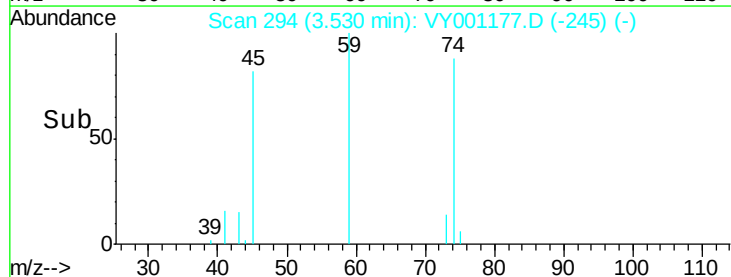
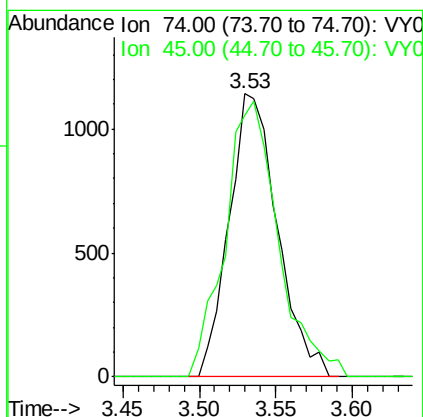
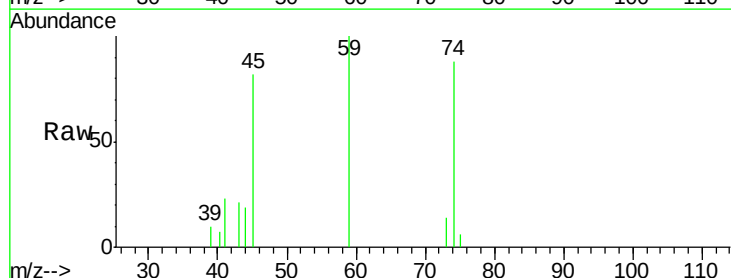
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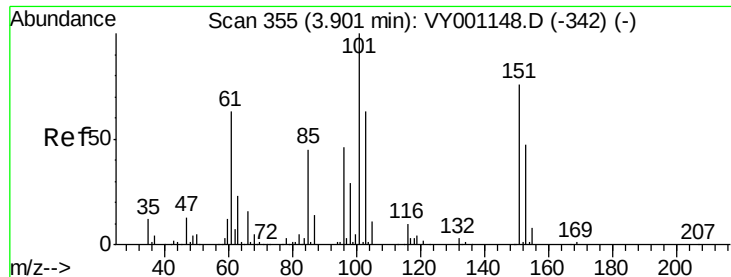
#8

Diethyl Ether  
 Concen: 49.545 ug/l  
 RT: 3.53 min Scan# 294  
 Delta R.T. 0.00 min  
 Lab File: VY001177.D  
 Acq: 13 Jan 2020 13:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 107.5 | 45.5  | 136.5 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.017 ug/l

RT: 3.91 min Scan# 356

Delta R.T. 0.01 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA\_Y

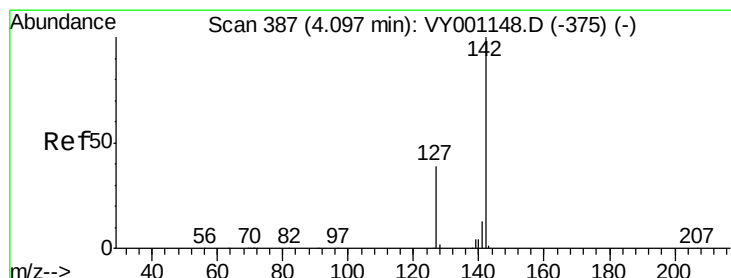
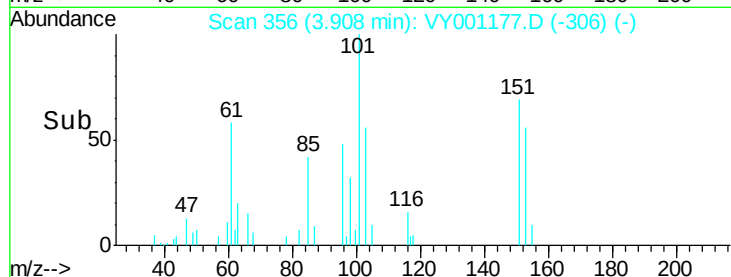
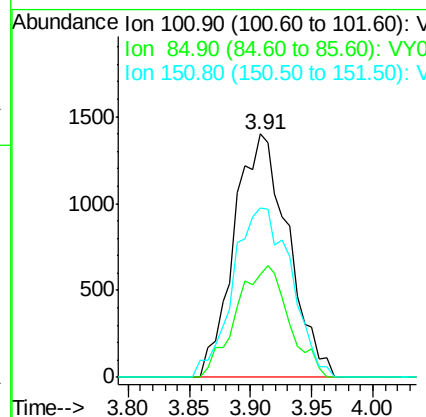
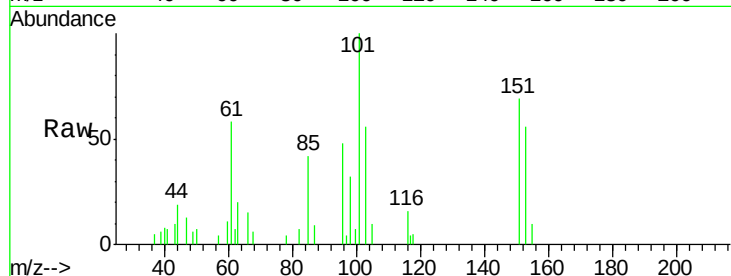
ClientSampleId :

CIY1-SB-04-0-2MSD

|           |       |       |      |
|-----------|-------|-------|------|
| Tot Ion:  | 101   | Resp: | 4278 |
| Ion Ratio | Lower | Upper |      |
| 101       | 100   |       |      |
| 85        | 45.0  | 35.2  | 52.8 |
| 151       | 75.1  | 61.4  | 92.2 |

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#10

Methyl Iodide

Concen: 52.057 ug/l

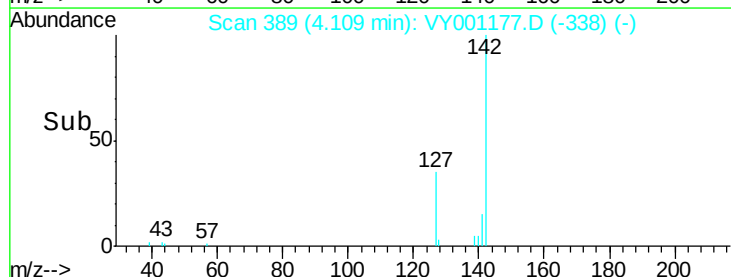
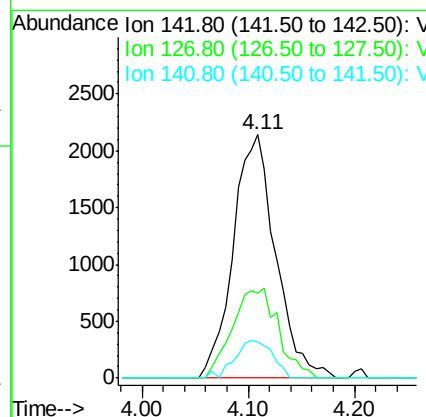
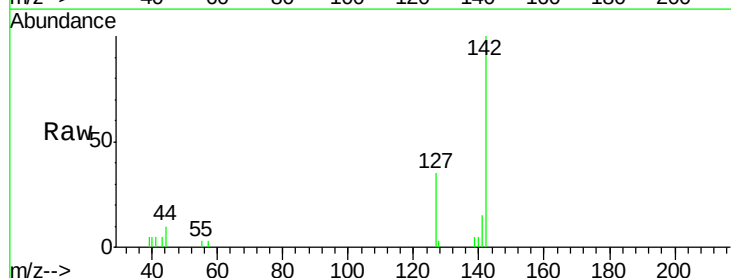
RT: 4.11 min Scan# 389

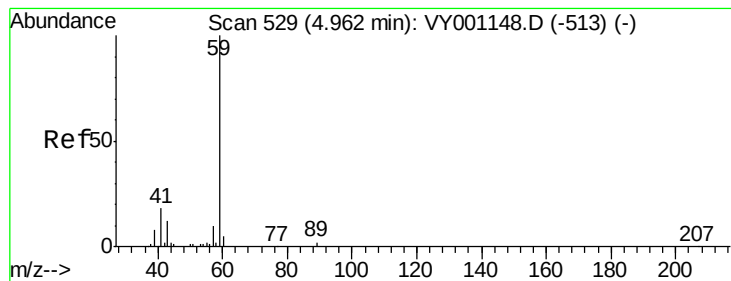
Delta R.T. 0.01 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

|           |       |       |      |
|-----------|-------|-------|------|
| Tgt Ion:  | 142   | Resp: | 5975 |
| Ion Ratio | Lower | Upper |      |
| 142       | 100   |       |      |
| 127       | 39.8  | 30.8  | 46.2 |
| 141       | 13.8  | 11.0  | 16.4 |





#11

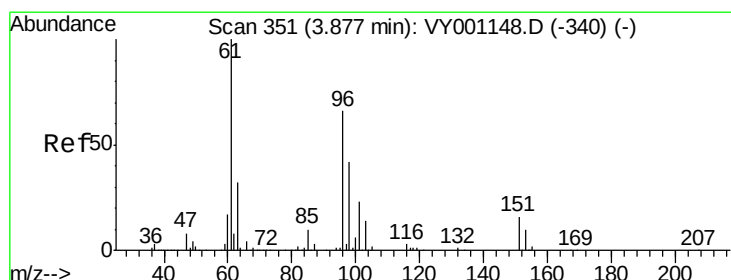
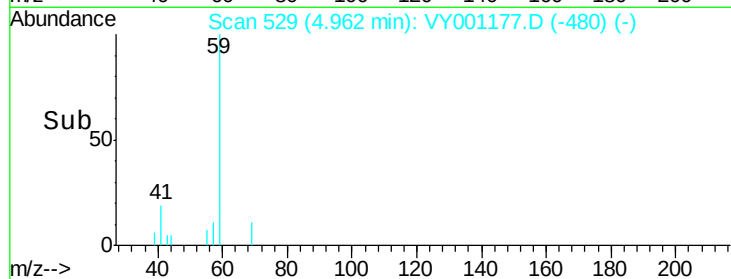
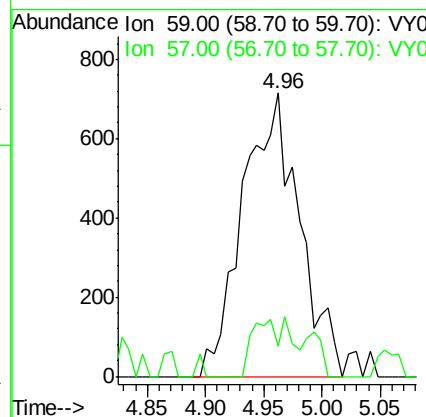
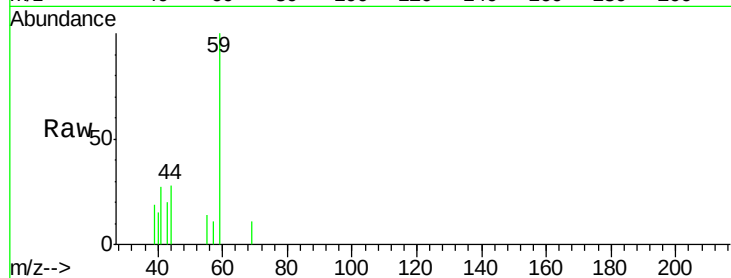
Tert butyl alcohol  
 Concen: 269.237 ug/l  
 RT: 4.96 min Scan# 529  
 Delta R.T. 0.00 min  
 Lab File: VY001177.D  
 Acq: 13 Jan 2020 13:48

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 CIY1-SB-04-0-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 13.5  | 7.8   | 11.8# |

Manual Integrations  
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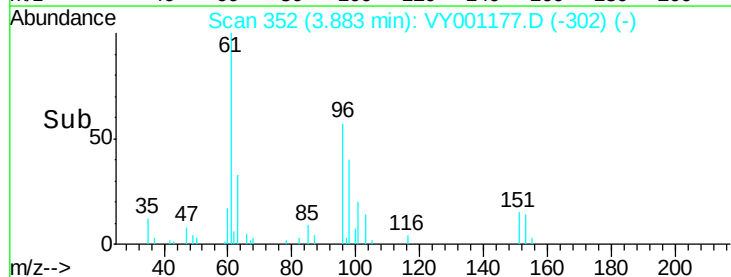
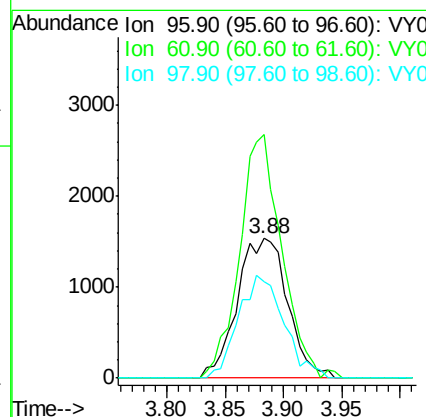
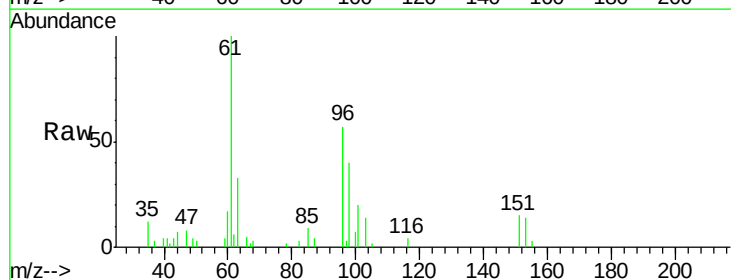
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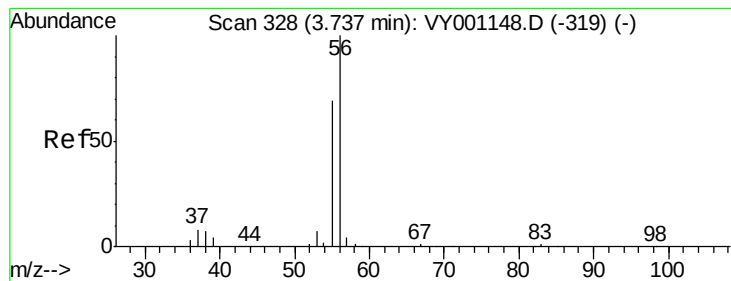


#12

1,1-Dichloroethene  
 Concen: 53.666 ug/l  
 RT: 3.88 min Scan# 352  
 Delta R.T. 0.01 min  
 Lab File: VY001177.D  
 Acq: 13 Jan 2020 13:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 174.4 | 122.1 | 183.1 |
| 98      | 69.1  | 51.0  | 76.6  |





#13

Acrolein

Concen: 163.672 ug/l m

RT: 3.75 min Scan# 330

Delta R.T. 0.01 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA\_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion: 56 Resp: 1314

Ion Ratio Lower Upper

56 100

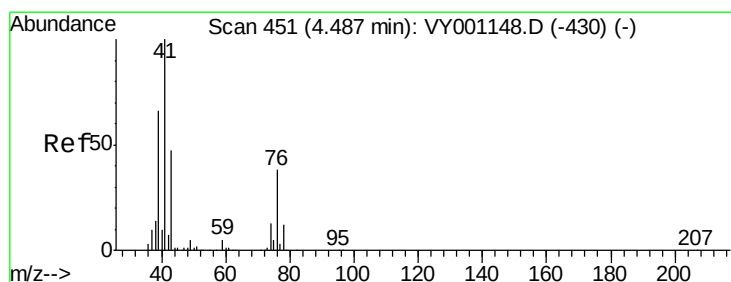
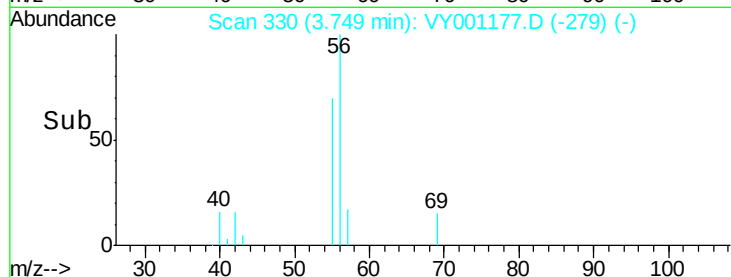
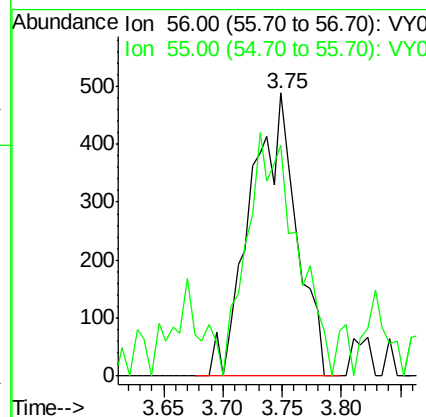
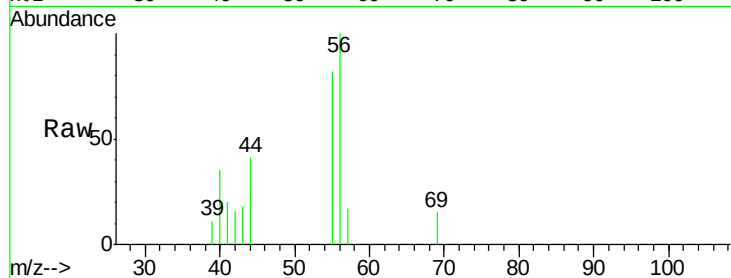
55 92.5 56.7 85.1#

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#14

Allyl chloride

Concen: 49.298 ug/l

RT: 4.49 min Scan# 451

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

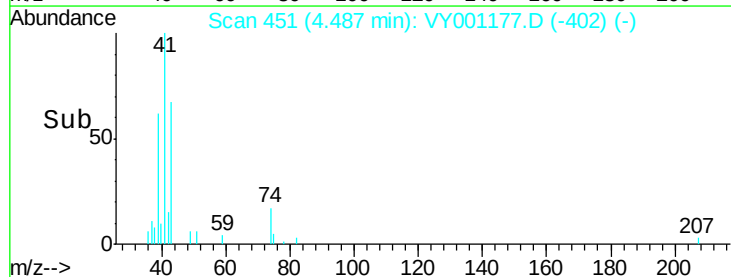
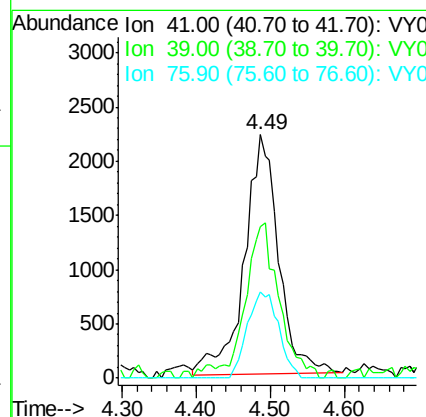
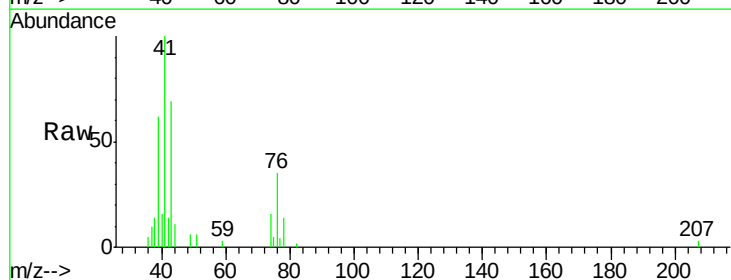
Tgt Ion: 41 Resp: 7138

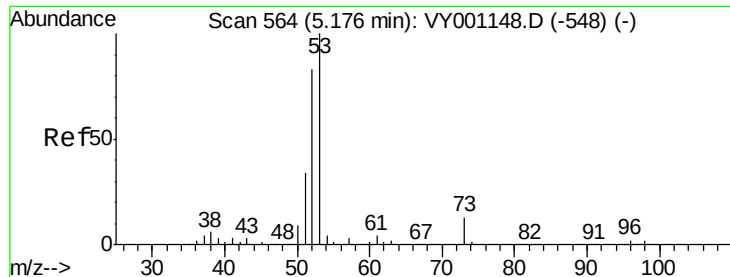
Ion Ratio Lower Upper

41 100

39 61.9 52.6 78.8

76 32.9 30.2 45.2





#15

Acrylonitrile

Concen: 262.715 ug/l

RT: 5.18 min Scan# 564

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA\_Y

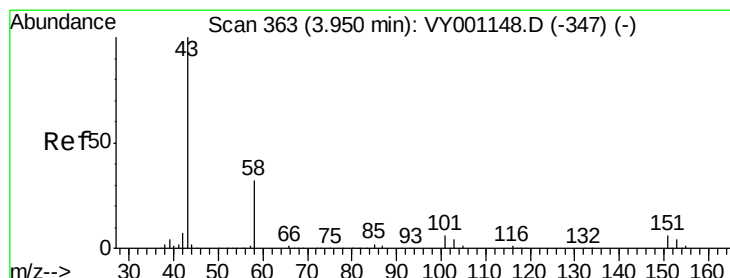
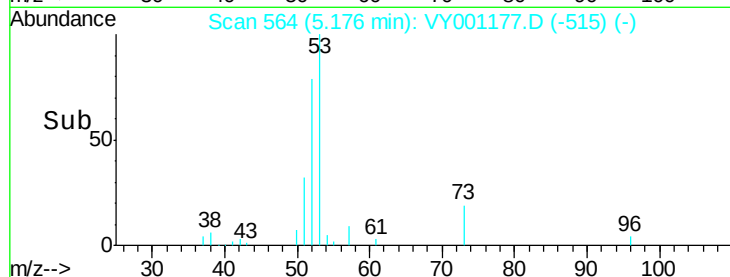
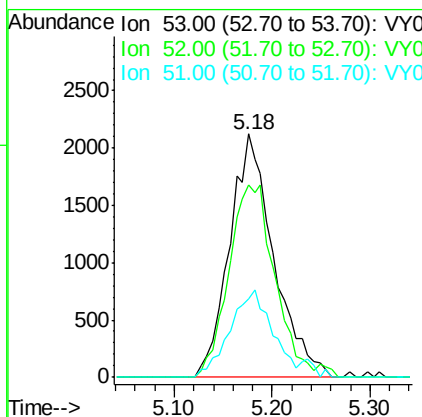
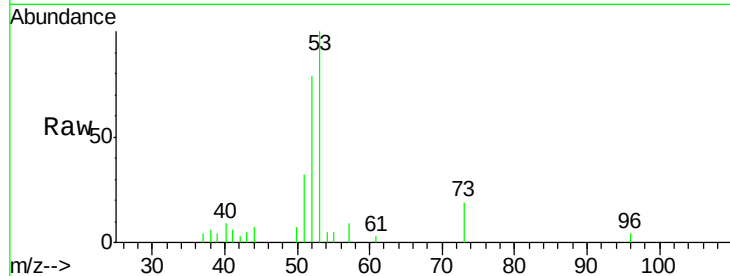
ClientSampleId :

CIY1-SB-04-0-2MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 6651  |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 82.1  | 65.7  | 98.5  |
| 51       | 34.3  | 28.7  | 43.1  |

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#16

Acetone

Concen: 394.810 ug/l

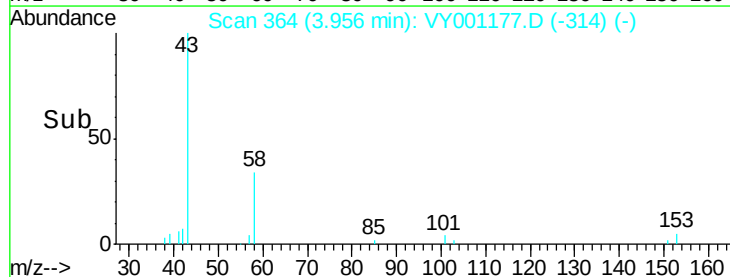
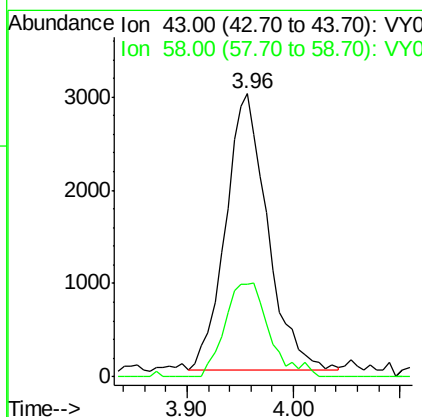
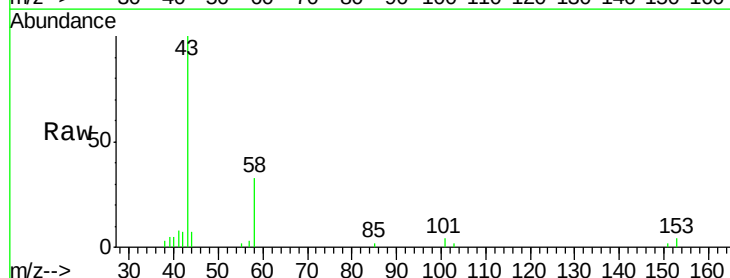
RT: 3.96 min Scan# 364

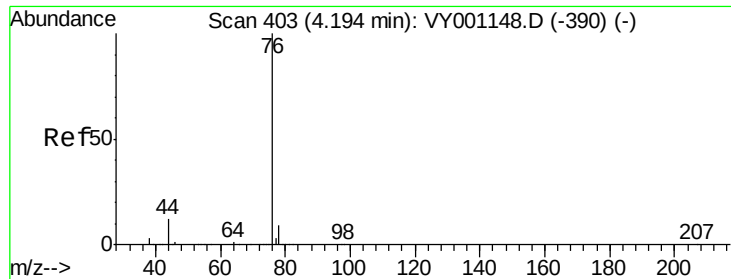
Delta R.T. 0.01 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 8127  |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 33.5  | 25.8  | 38.6  |





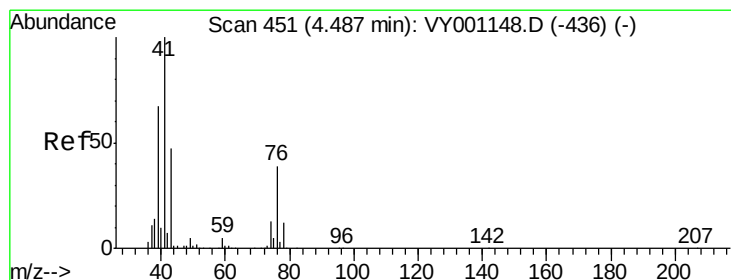
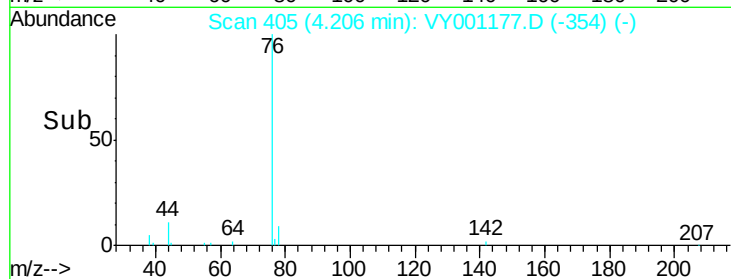
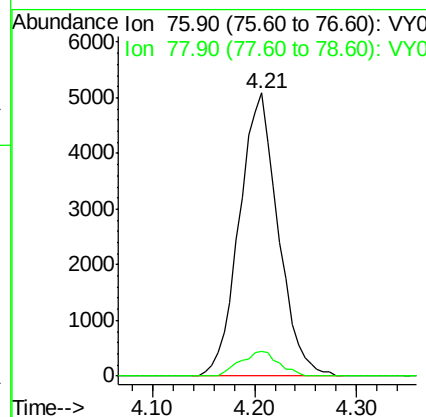
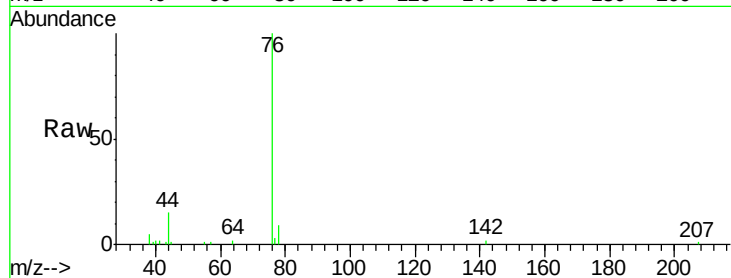
#17  
Carbon Disulfide  
Concen: 48.317 ug/l  
RT: 4.21 min Scan# 405  
Delta R.T. 0.01 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
CIY1-SB-04-0-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.0   | 7.2   | 10.8  |

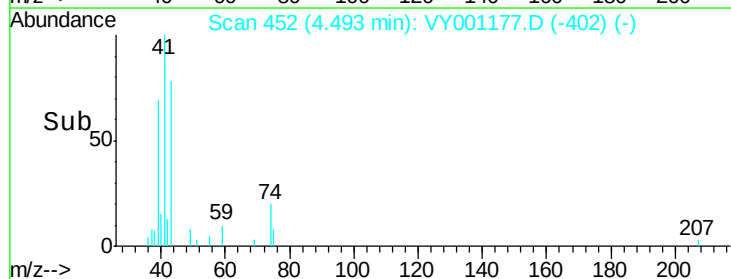
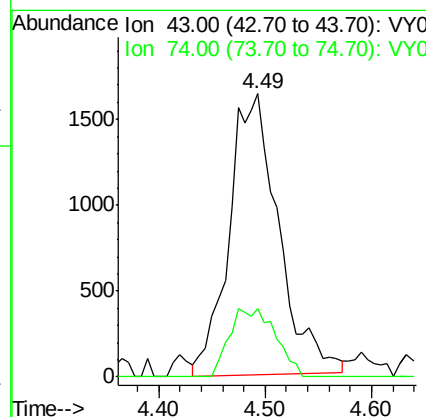
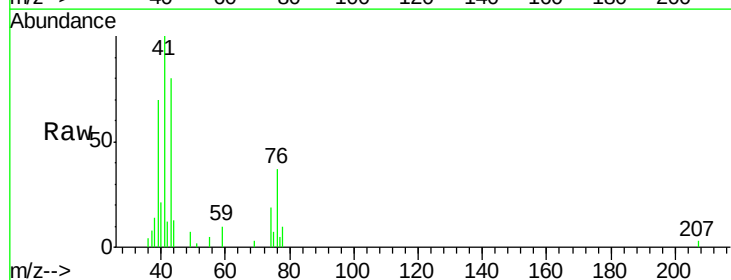
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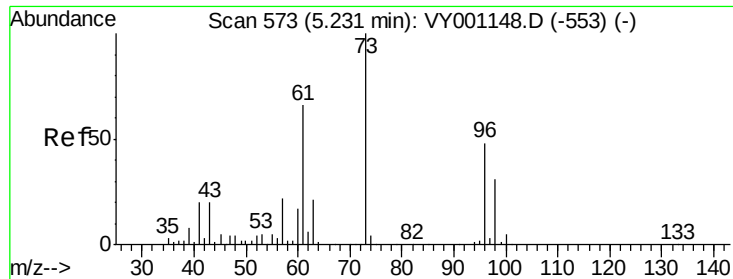
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#18  
Methyl Acetate  
Concen: 77.860 ug/l  
RT: 4.49 min Scan# 452  
Delta R.T. 0.01 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 22.8  | 20.2  | 30.2  |





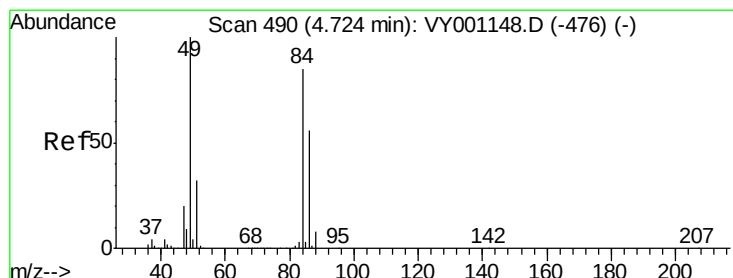
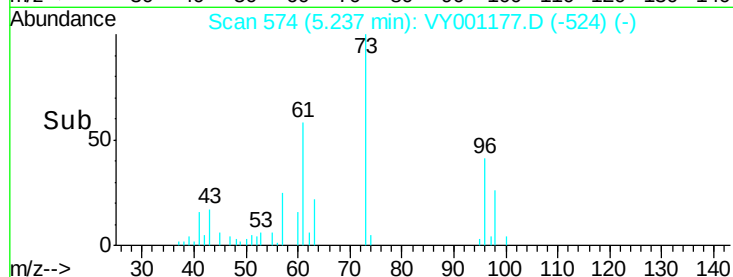
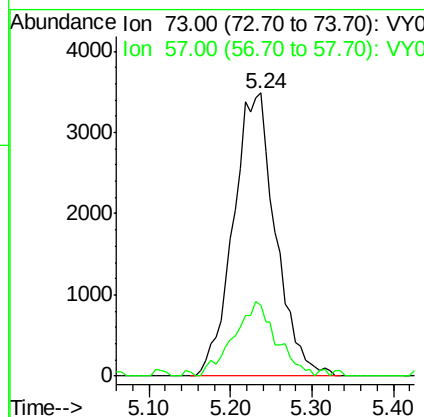
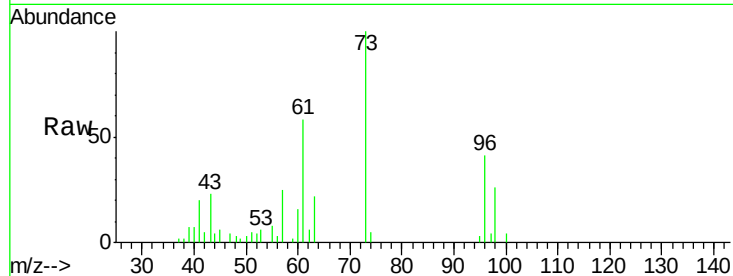
#19  
Methyl tert-butyl Ether  
Concen: 52.641 ug/l  
RT: 5.24 min Scan# 574  
Delta R.T. 0.01 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
CIY1-SB-04-0-2MSD

Tot Ion: 73 Resp: 12492  
Ion Ratio Lower Upper  
73 100  
57 23.5 17.8 26.6

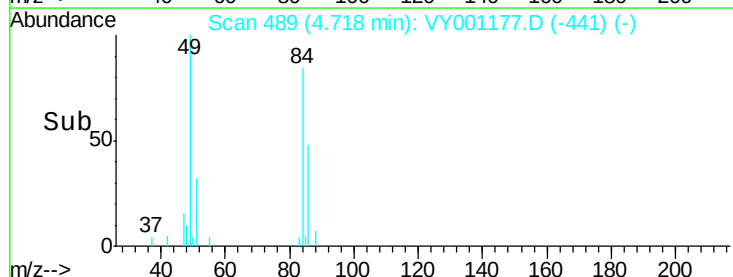
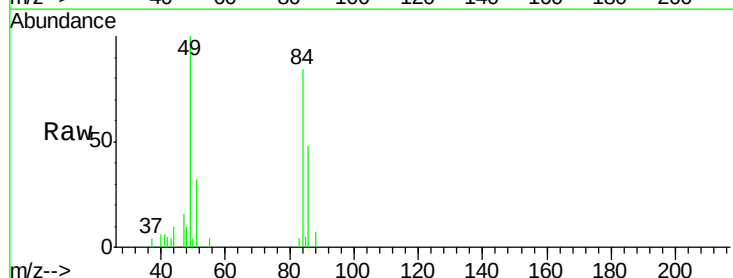
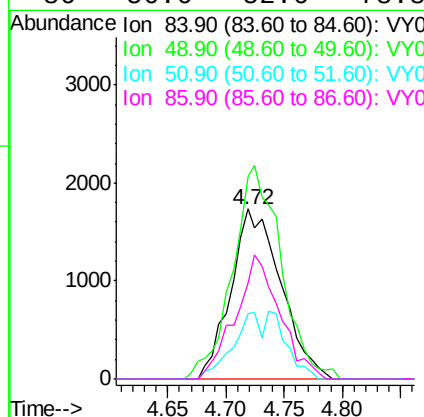
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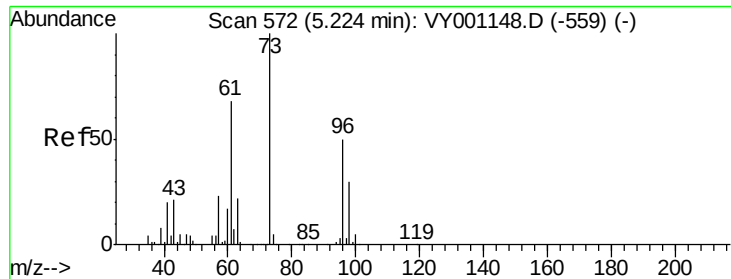
apatel  
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#20  
Methylene Chloride  
Concen: 54.601 ug/l  
RT: 4.72 min Scan# 489  
Delta R.T. -0.01 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

Tgt Ion: 84 Resp: 5189  
Ion Ratio Lower Upper  
84 100  
49 118.5 93.8 140.6  
51 38.2 29.9 44.9  
86 56.6 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 50.022 ug/l

RT: 5.23 min Scan# 573

Delta R.T. 0.01 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA\_Y

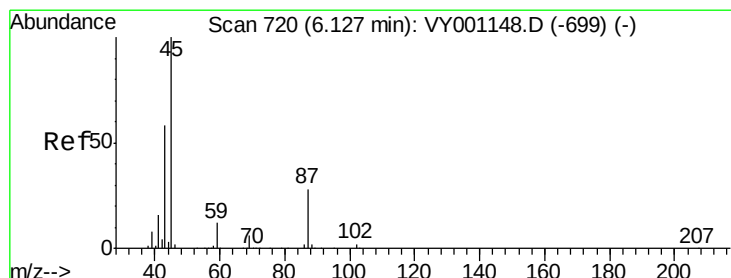
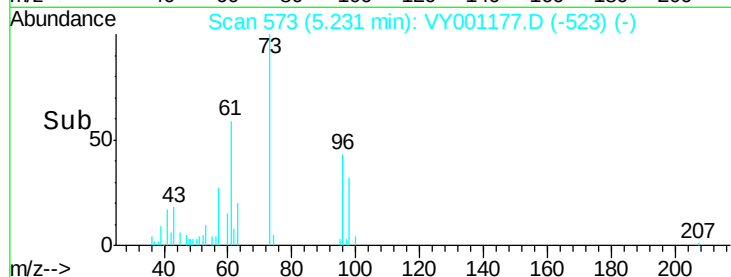
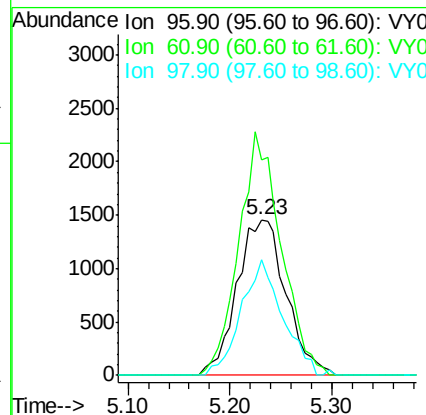
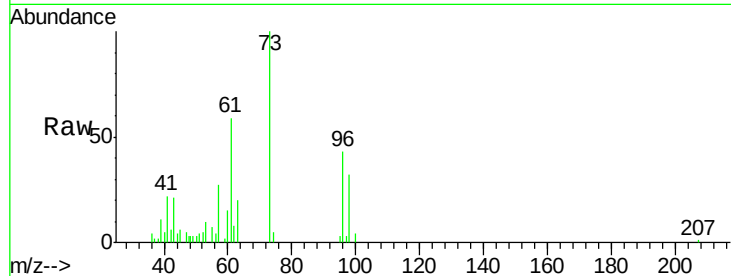
ClientSampleId :

CIY1-SB-04-0-2MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 4866  |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 138.5 | 107.6 | 161.4 |
| 98       | 74.6  | 47.6  | 71.4# |

Manual Integrations  
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#22

Diisopropyl ether

Concen: 50.112 ug/l

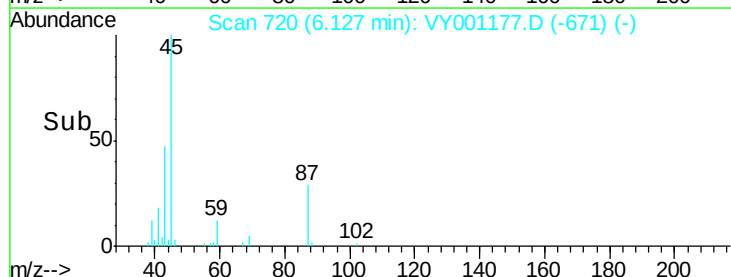
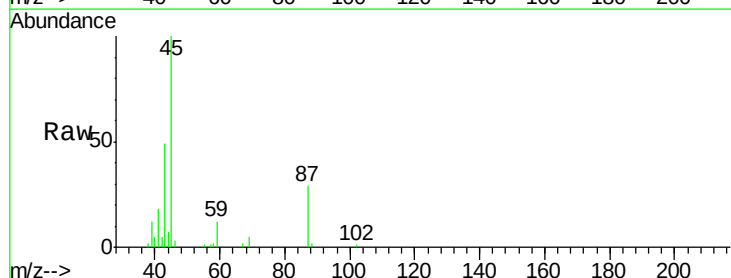
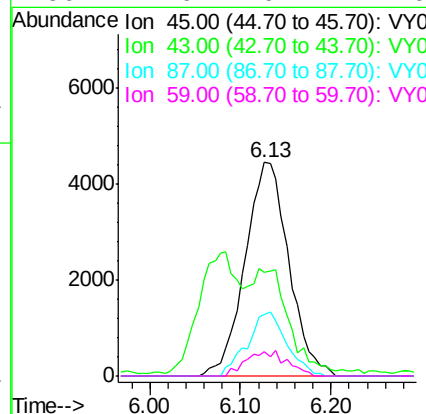
RT: 6.13 min Scan# 720

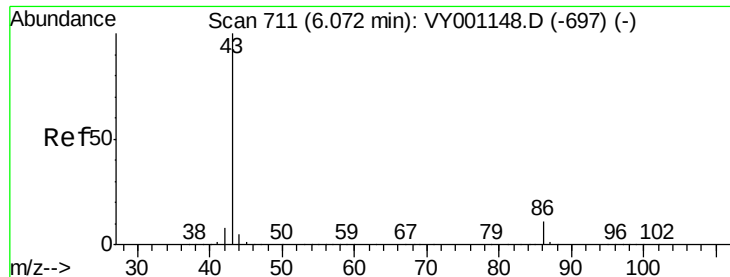
Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 45    | Resp: | 14820 |
| Ion      | Ratio | Lower | Upper |
| 45       | 100   |       |       |
| 43       | 45.8  | 46.5  | 69.7# |
| 87       | 28.7  | 22.5  | 33.7  |
| 59       | 11.6  | 9.4   | 14.0  |





#23

Vinyl Acetate

Concen: 78.255 ug/l

RT: 6.08 min Scan# 713

Delta R.T. 0.01 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA\_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion: 43 Resp: 14801

Ion Ratio Lower Upper

43 100

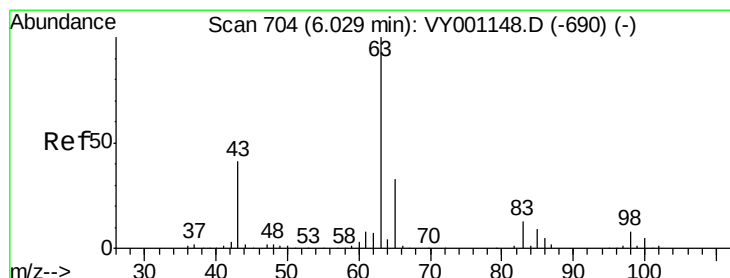
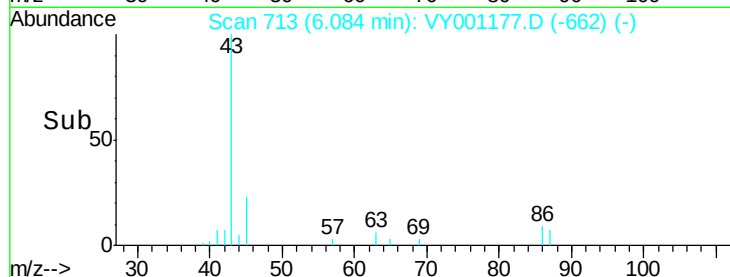
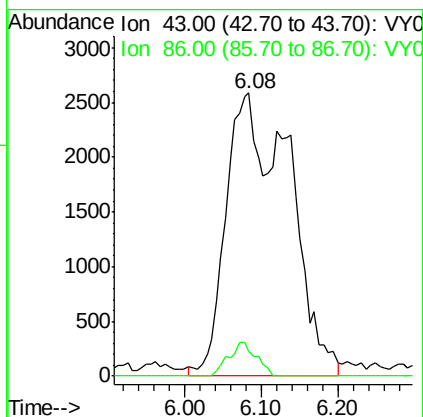
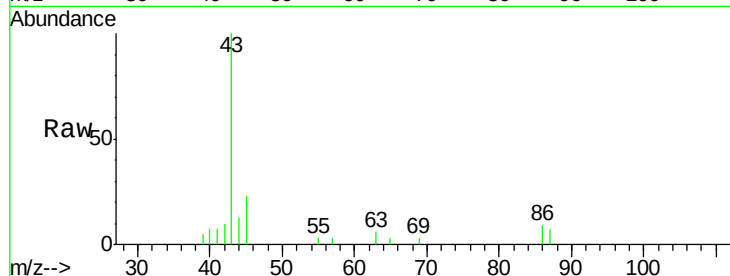
86 8.9 9.0 13.4#

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.765 ug/l

RT: 6.04 min Scan# 705

Delta R.T. 0.01 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

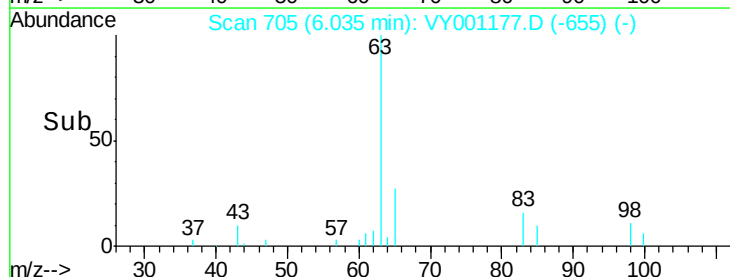
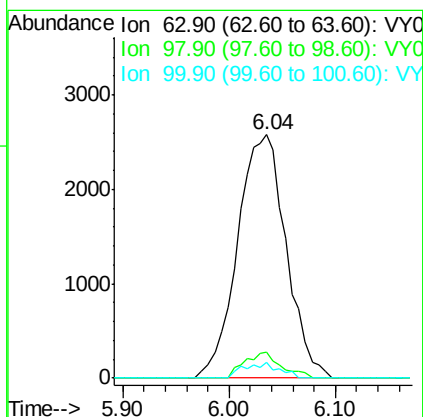
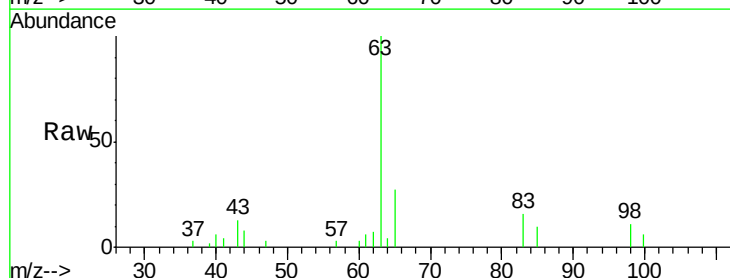
Tgt Ion: 63 Resp: 8219

Ion Ratio Lower Upper

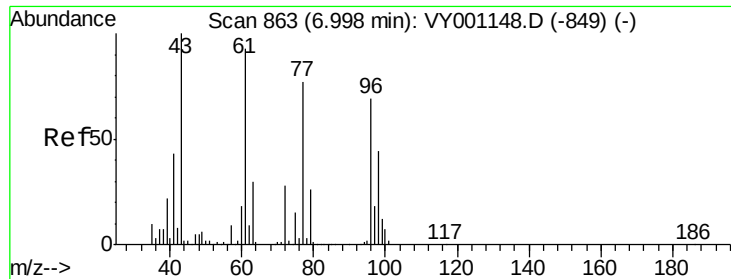
63 100

98 10.7 3.9 11.7

100 6.3 2.4 7.2







#25

2-Butanone

Concen: 324.782 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA\_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion: 43 Resp: 10405

Ion Ratio Lower Upper

43 100

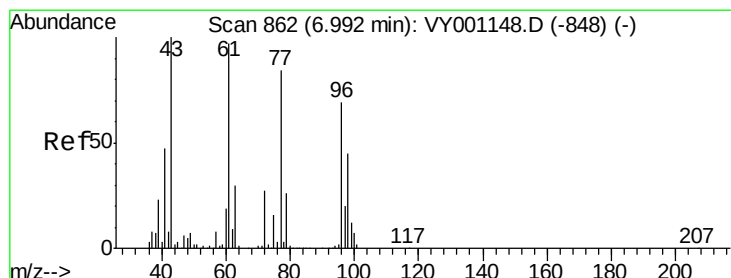
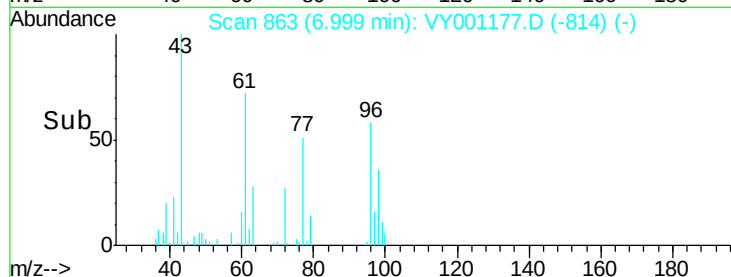
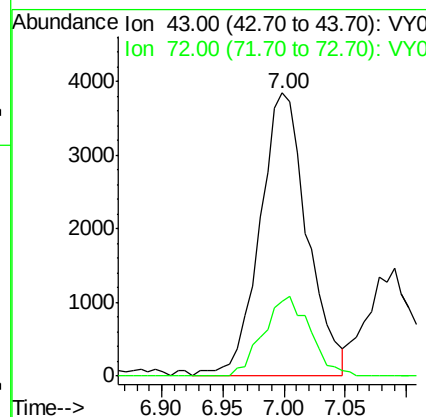
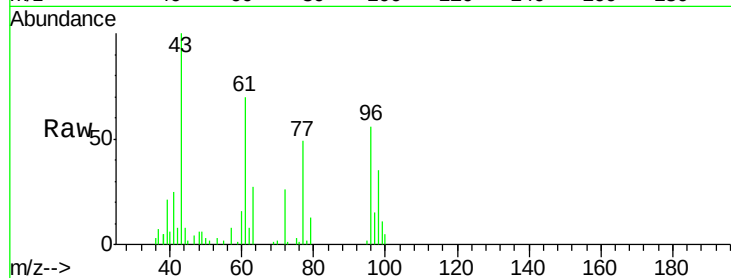
72 26.2 22.2 33.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 40.253 ug/l

RT: 7.00 min Scan# 863

Delta R.T. 0.01 min

Lab File: VY001177.D

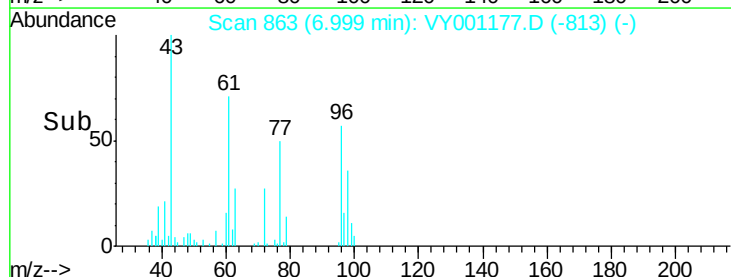
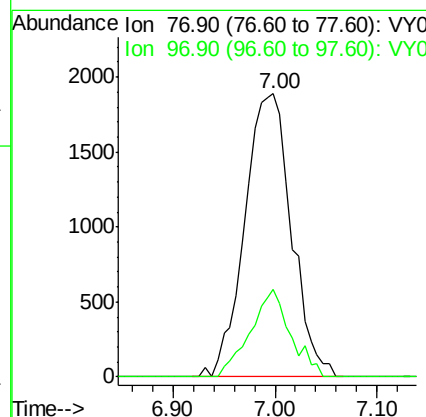
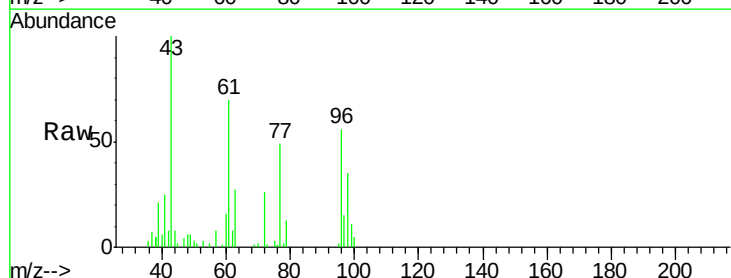
Acq: 13 Jan 2020 13:48

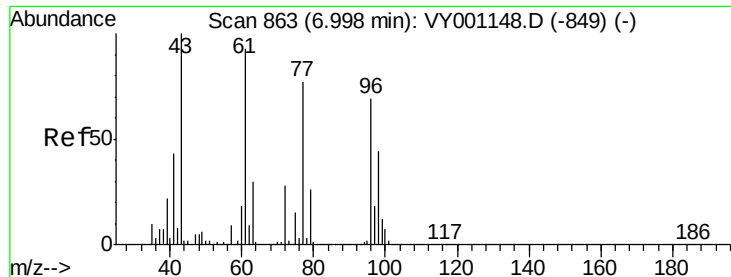
Tgt Ion: 77 Resp: 5993

Ion Ratio Lower Upper

77 100

97 26.6 11.9 35.7





#27

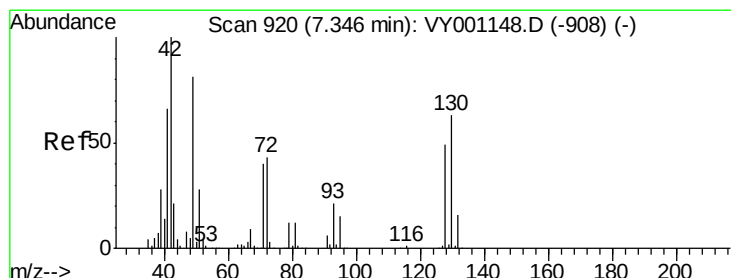
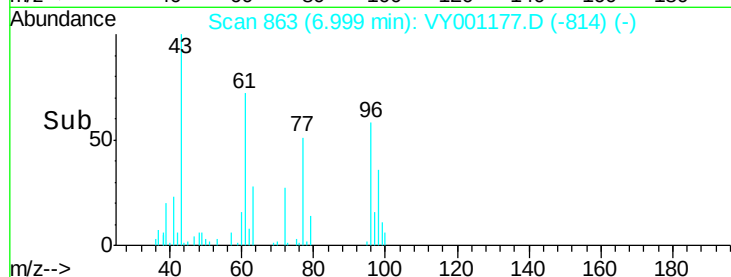
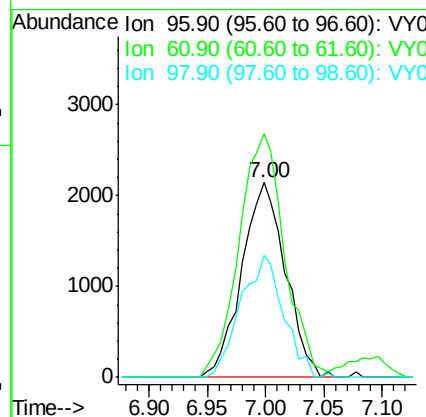
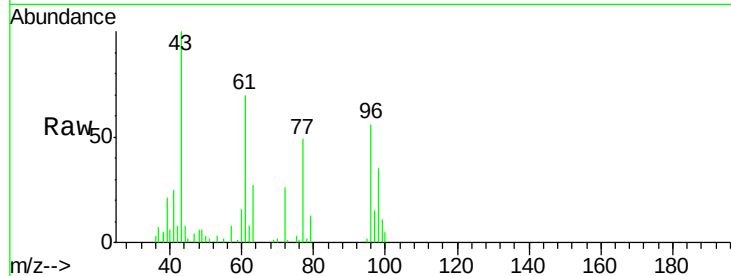
cis-1,2-Dichloroethene  
Concen: 52.668 ug/l  
RT: 7.00 min Scan# 863  
Delta R.T. 0.00 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
CIY1-SB-04-0-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 130.4 | 0.0   | 284.0 |
| 98      | 61.0  | 0.0   | 130.2 |

Manual Integrations  
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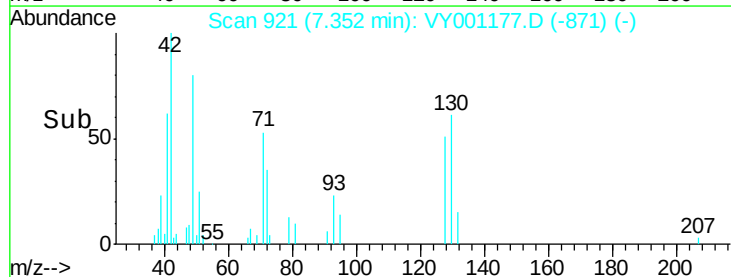
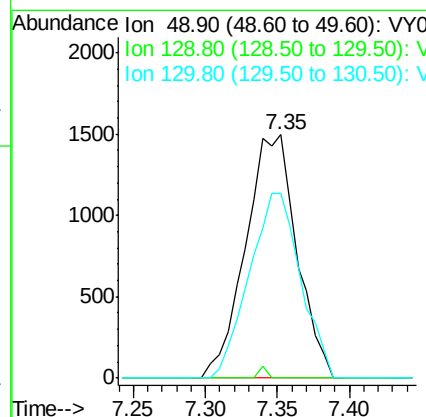
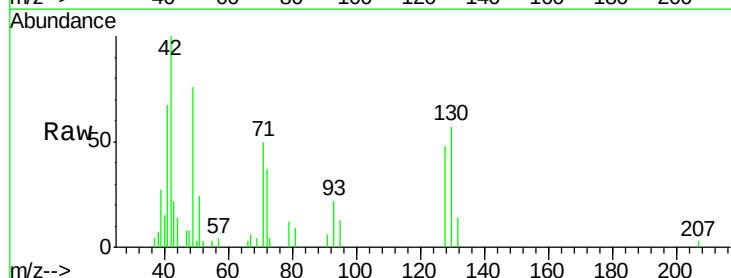
apatel  
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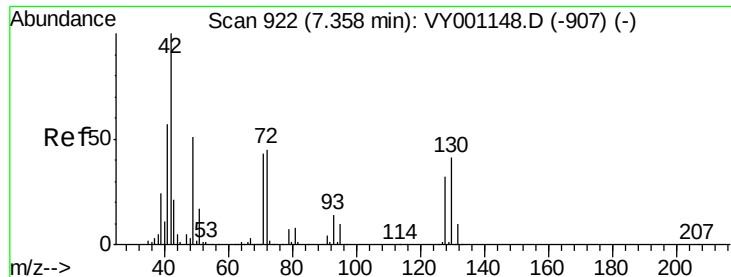


#28

Bromochloromethane  
Concen: 55.412 ug/l  
RT: 7.35 min Scan# 921  
Delta R.T. 0.01 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 0.8   | 0.0   | 4.4   |
| 130     | 76.2  | 61.2  | 91.8  |





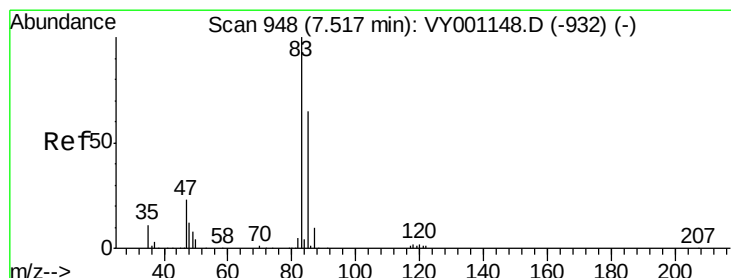
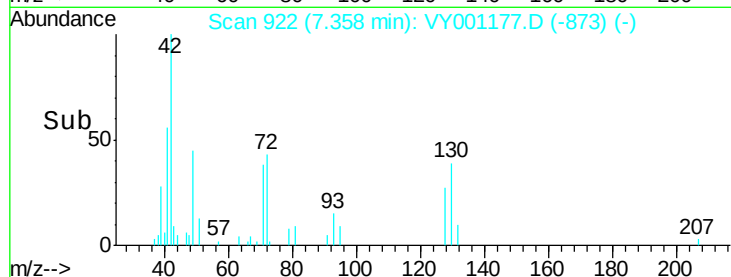
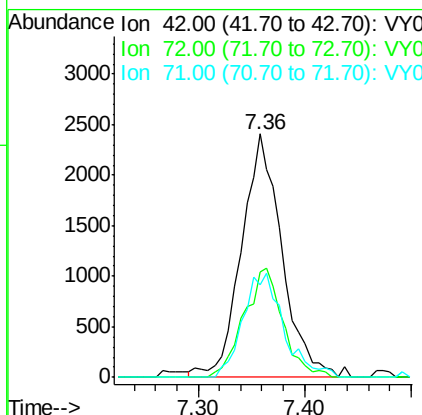
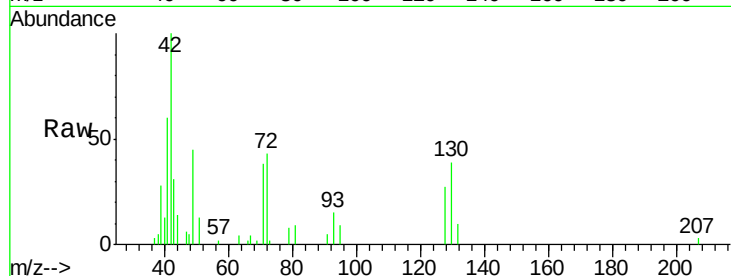
#29  
Tetrahydrofuran  
Concen: 290.732 ug/l  
RT: 7.36 min Scan# 922  
Delta R.T. 0.00 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
CIY1-SB-04-0-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 43.3  | 36.9  | 55.3  |
| 71      | 43.3  | 34.0  | 51.0  |

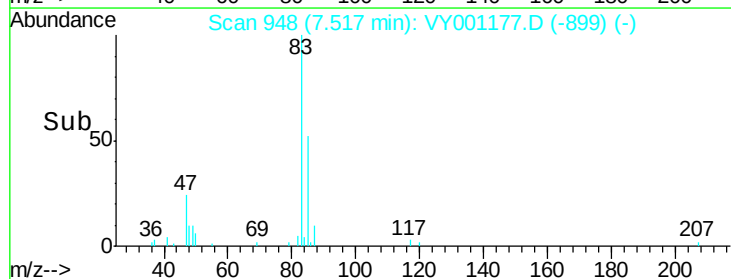
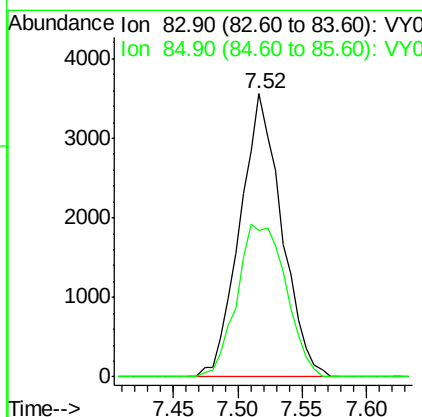
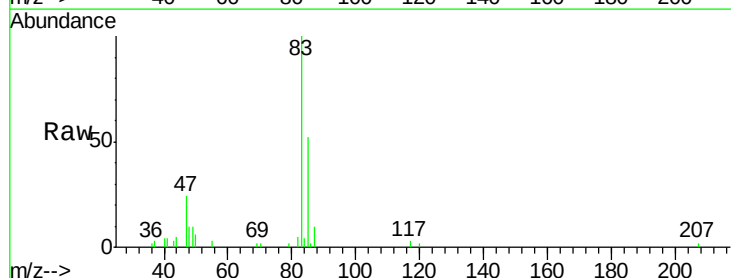
Manual Integrations  
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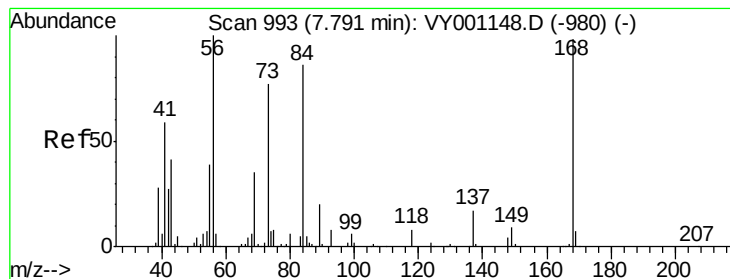
apatel  
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#30  
Chloroform  
Concen: 50.297 ug/l  
RT: 7.52 min Scan# 948  
Delta R.T. 0.00 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 51.5  | 51.9  | 77.9# |





#31

Cyclohexane

Concen: 49.602 ug/l

RT: 7.79 min Scan# 993

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA\_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion: 56 Resp: 8503

Ion Ratio Lower Upper

56 100

69 27.9 27.8 41.8

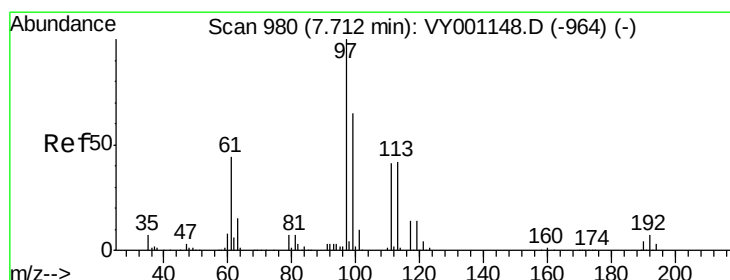
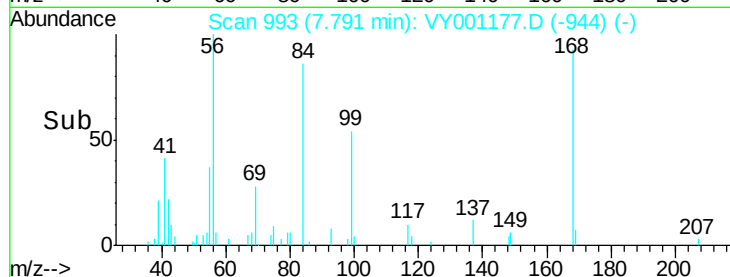
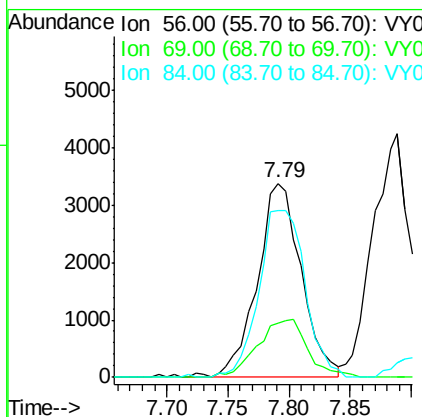
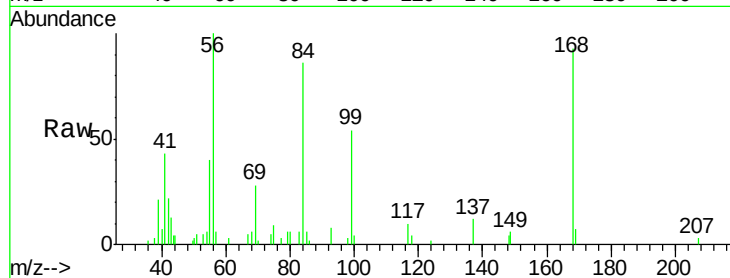
84 84.1 68.9 103.3

Manual Integrations

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#32

1,1,1-Trichloroethane

Concen: 50.484 ug/l

RT: 7.71 min Scan# 979

Delta R.T. -0.01 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

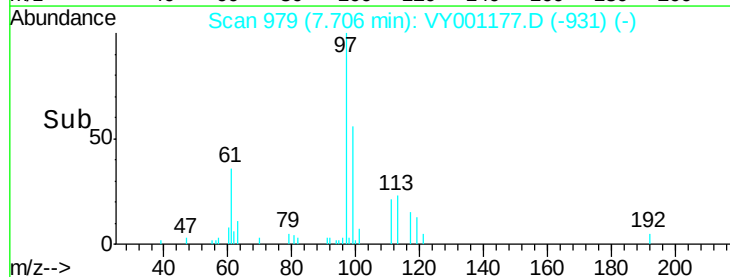
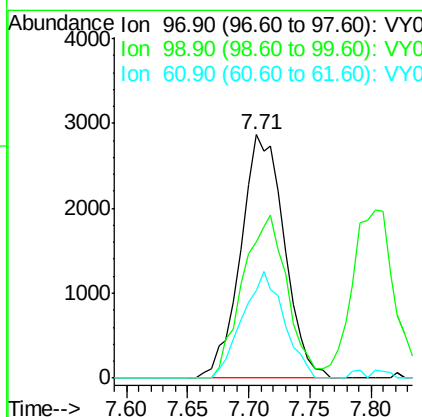
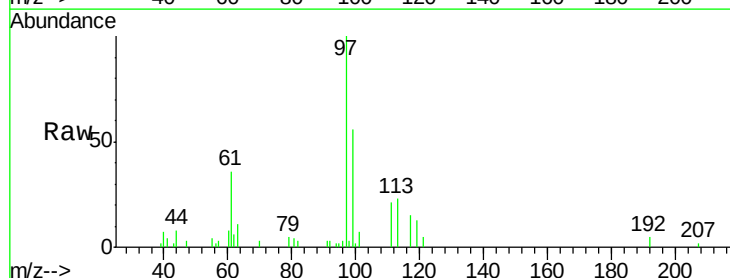
Tgt Ion: 97 Resp: 7106

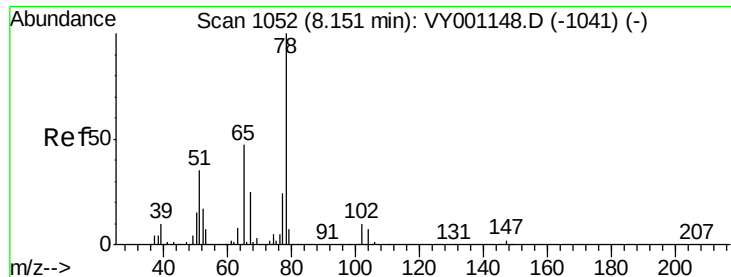
Ion Ratio Lower Upper

97 100

99 67.8 51.3 76.9

61 41.4 34.6 52.0





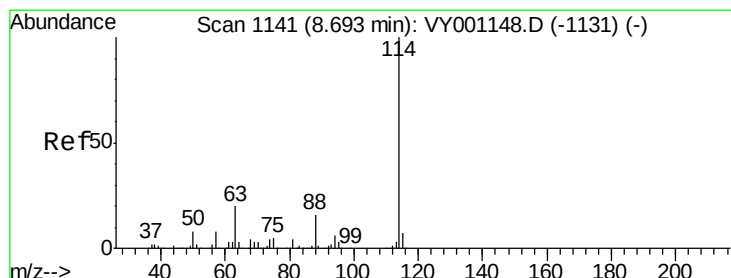
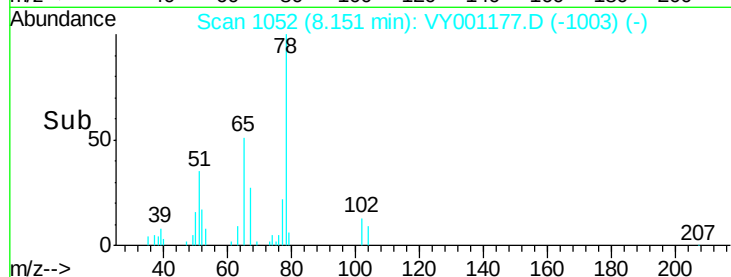
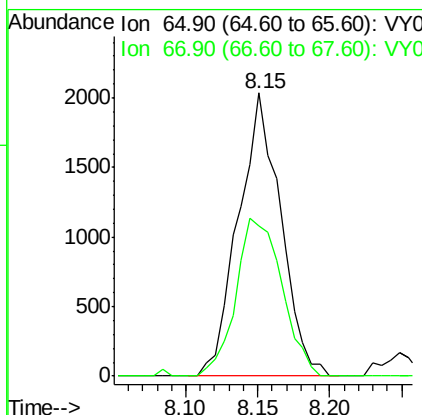
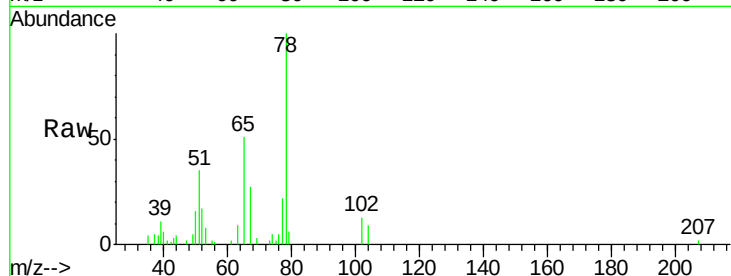
#33  
 1,2-Dichloroethane-d4  
 Concen: 46.889 ug/l  
 RT: 8.15 min Scan# 1052  
 Delta R.T. 0.00 min  
 Lab File: VY001177.D  
 Acq: 13 Jan 2020 13:48

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 CIY1-SB-04-0-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 60.5  | 0.0   | 105.2 |

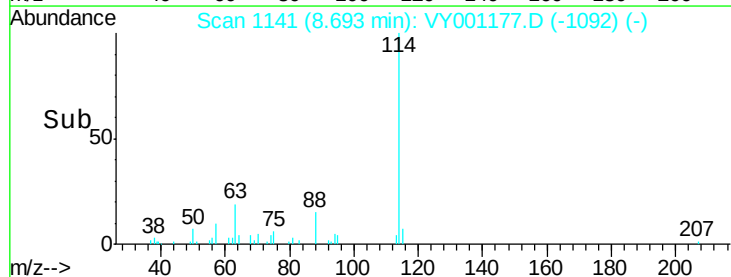
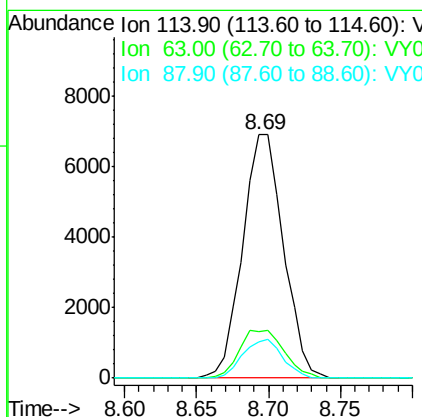
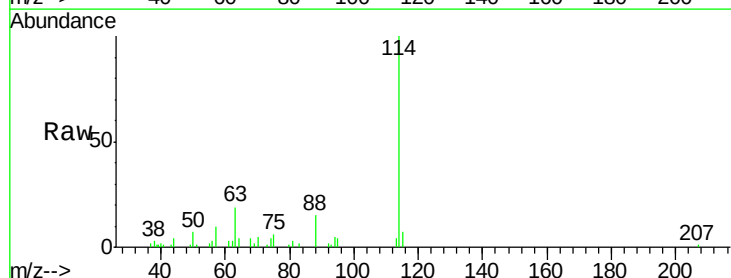
Manual Integrations  
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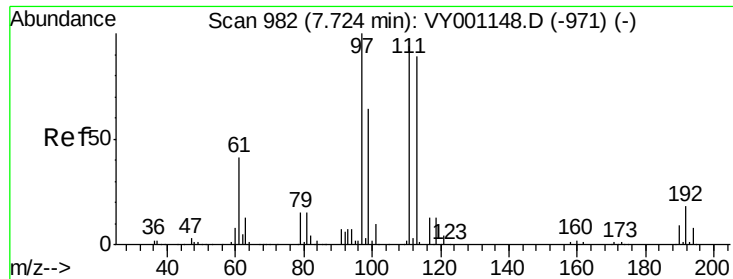
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.69 min Scan# 1141  
 Delta R.T. 0.00 min  
 Lab File: VY001177.D  
 Acq: 13 Jan 2020 13:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 18.9  | 0.0   | 40.8  |
| 88      | 15.0  | 0.0   | 32.4  |





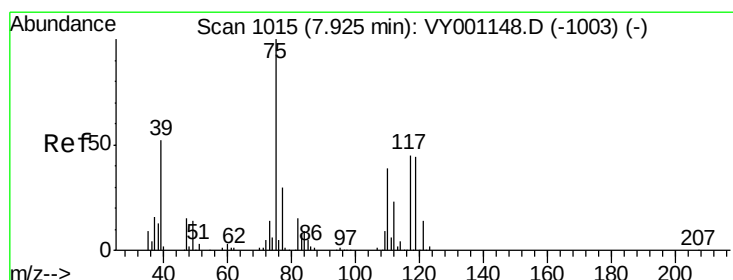
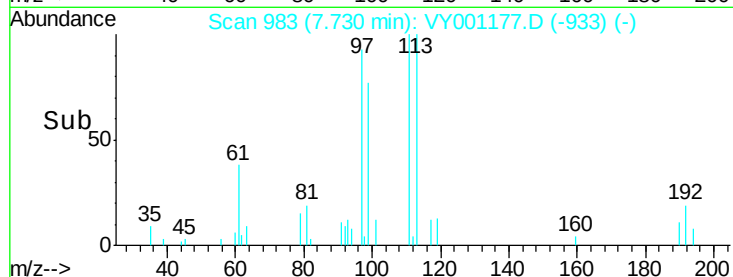
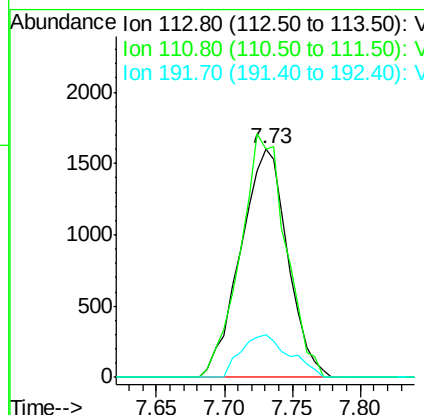
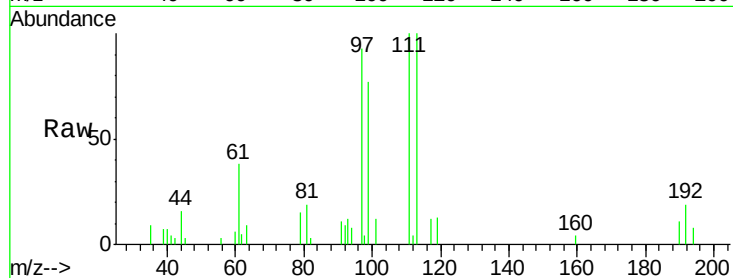
#35  
Dibromofluoromethane  
Concen: 48.693 ug/l  
RT: 7.73 min Scan# 983  
Delta R.T. 0.01 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
CIY1-SB-04-0-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 103.2 | 82.9  | 124.3 |
| 192     | 19.3  | 15.4  | 23.2  |

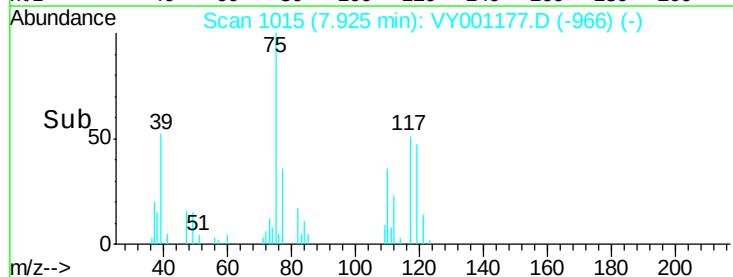
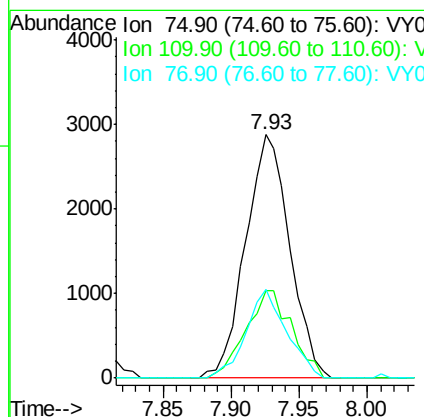
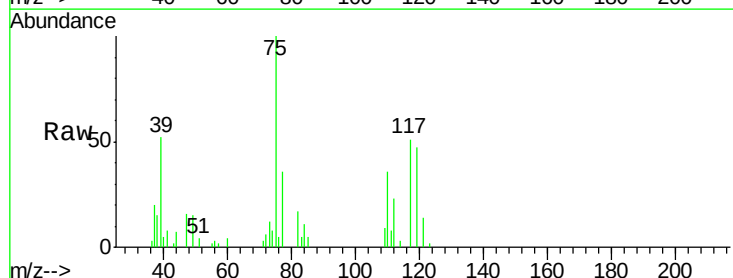
Manual Integrations  
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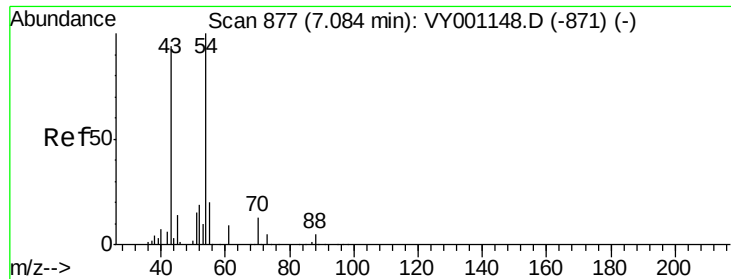
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#36  
1,1-Dichloropropene  
Concen: 52.638 ug/l  
RT: 7.93 min Scan# 1015  
Delta R.T. 0.00 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 37.3  | 18.3  | 54.8  |
| 77      | 33.4  | 25.1  | 37.7  |





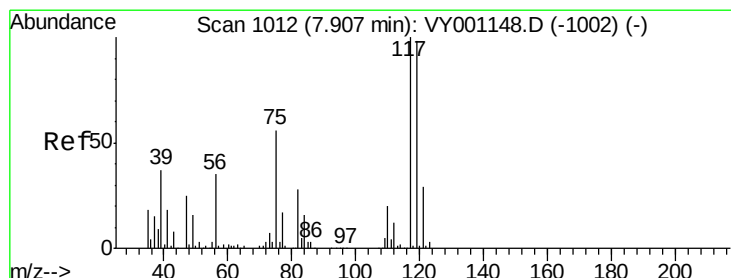
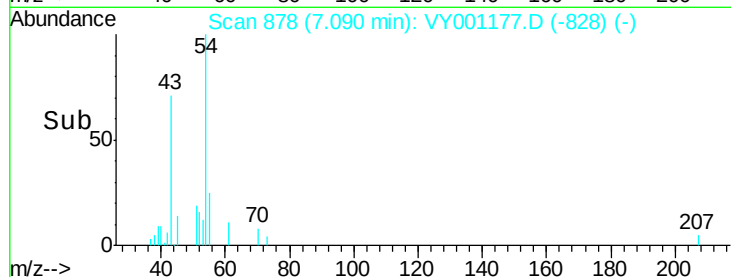
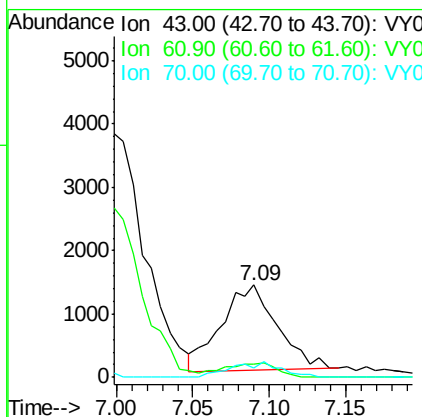
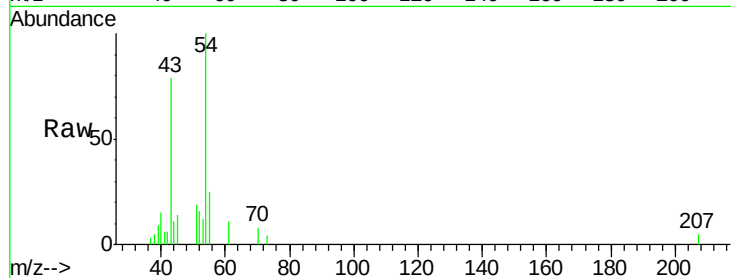
#37  
Ethyl Acetate  
Concen: 46.830 ug/l  
RT: 7.09 min Scan# 878  
Delta R.T. 0.01 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
CIY1-SB-04-0-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 16.4  | 11.1  | 16.7  |
| 70      | 8.7   | 9.7   | 14.5  |

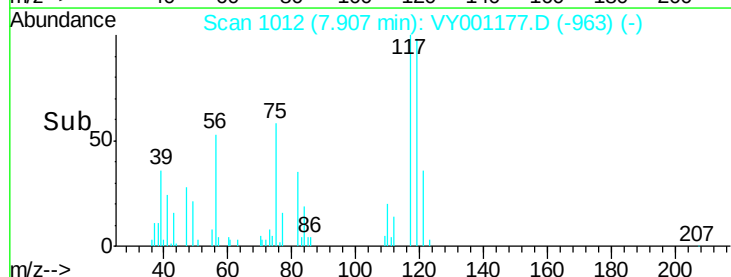
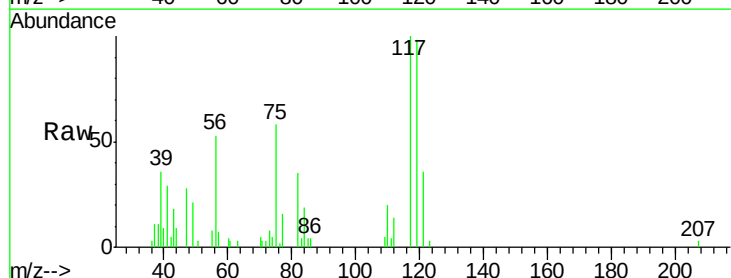
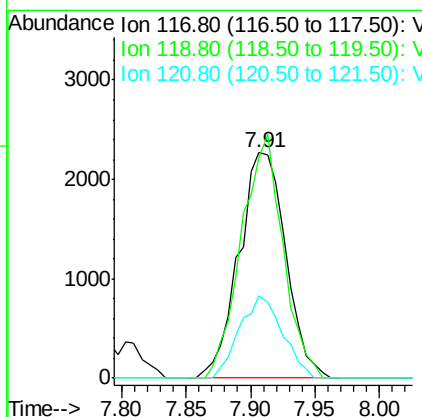
Manual Integrations  
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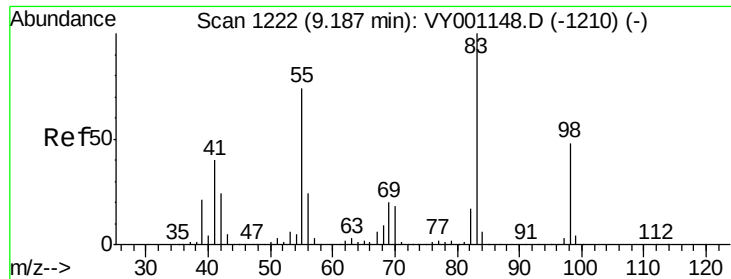
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#38  
Carbon Tetrachloride  
Concen: 50.269 ug/l  
RT: 7.91 min Scan# 1012  
Delta R.T. 0.00 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 98.0  | 78.3  | 117.5 |
| 121     | 36.4  | 23.5  | 35.3  |





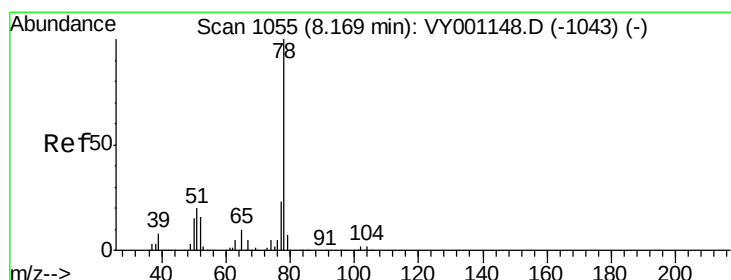
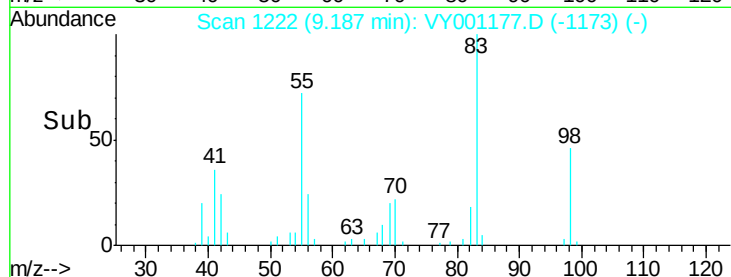
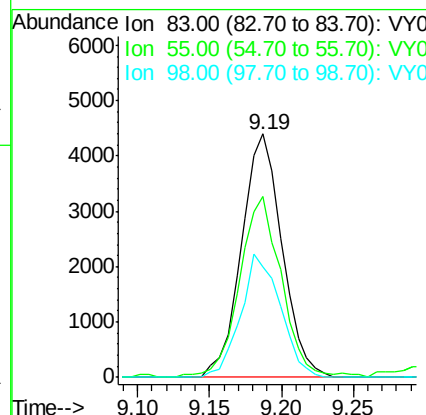
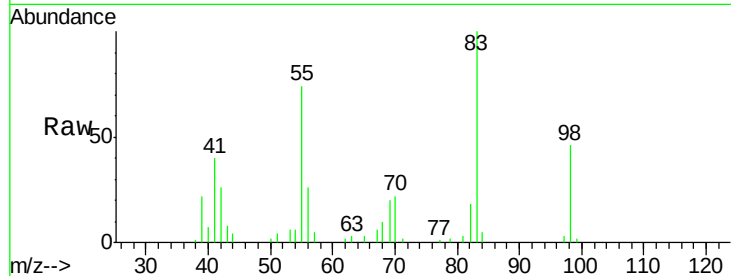
#39  
Methylvlcyclohexane  
Concen: 50.984 ug/l  
RT: 9.19 min Scan# 1222  
Delta R.T. 0.00 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
CIY1-SB-04-0-2MSD

| Tot Ion   | 83   | Resp  | 8576  |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 55        | 72.8 | 58.9  | 88.3  |
| 98        | 45.6 | 38.4  | 57.6  |

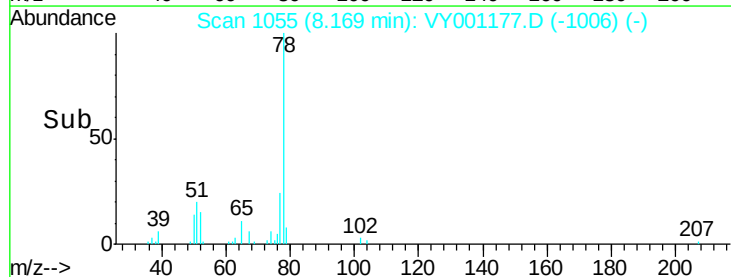
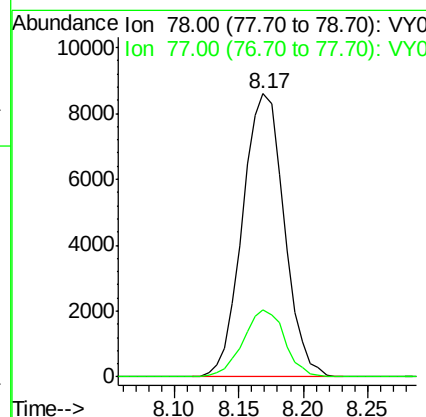
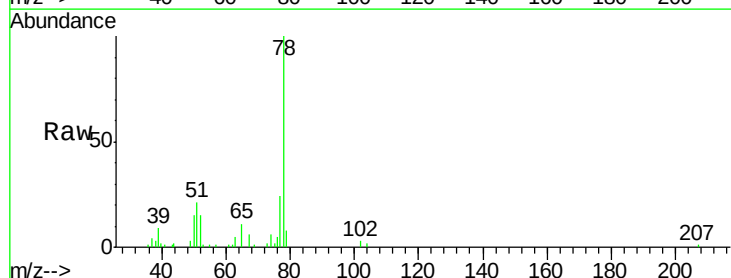
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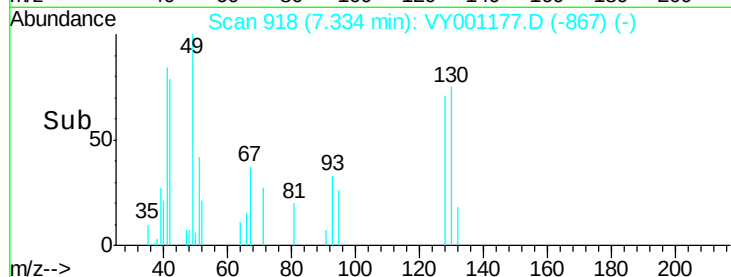
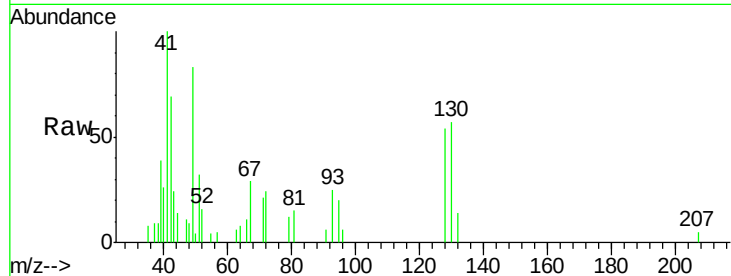
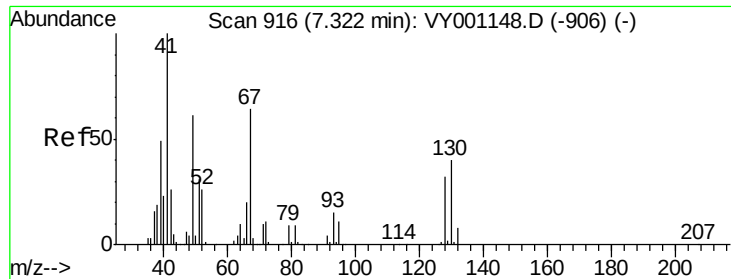


#40  
Benzene  
Concen: 53.211 ug/l  
RT: 8.17 min Scan# 1055  
Delta R.T. 0.00 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

| Tgt Ion   | 78   | Resp  | 19272 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 78        | 100  |       |       |
| 77        | 23.9 | 18.8  | 28.2  |







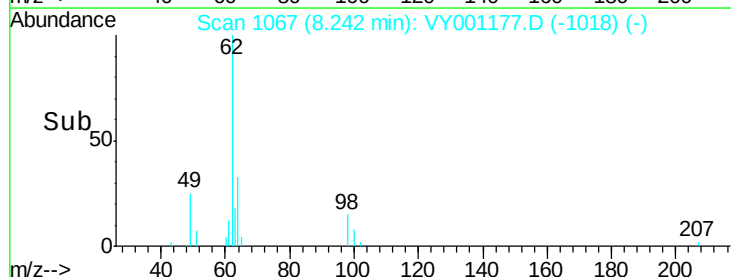
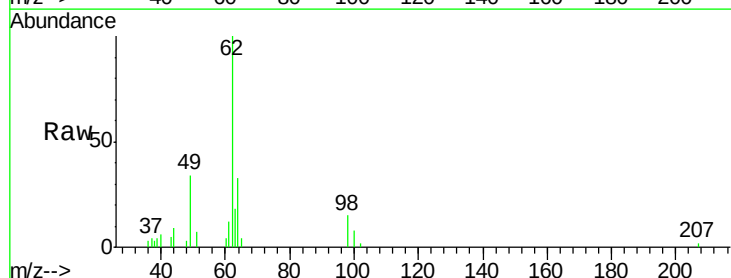
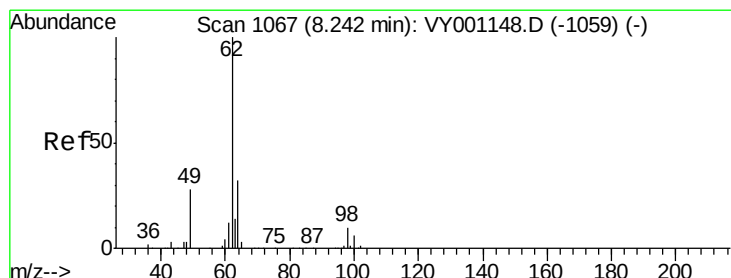
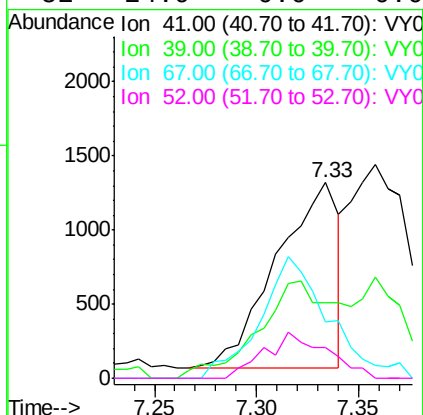
#41  
Methacrylonitrile  
Concen: 77.855 ug/l  
RT: 7.33 min Scan# 918  
Delta R.T. 0.01 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

| Tot Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 41      | 100   |       |        |
| 39      | 67.4  | 103.5 | 155.3# |
| 67      | 72.1  | 0.0   | 0.0#   |
| 52      | 24.9  | 0.0   | 0.0#   |

Instrument :  
MSVOA\_Y  
ClientSampleId :  
CIY1-SB-04-0-2MSD

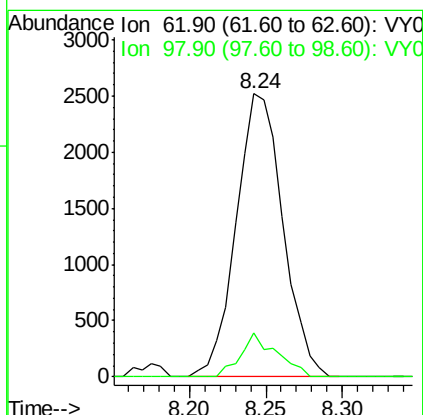
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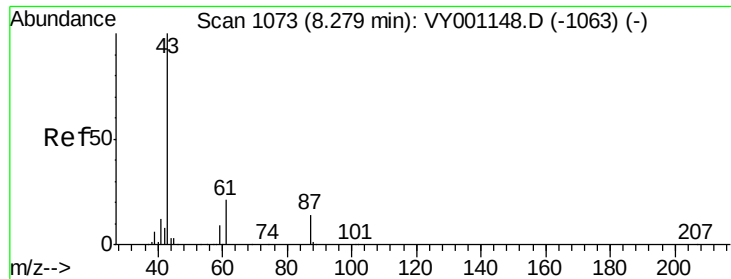
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#42  
1,2-Dichloroethane  
Concen: 52.685 ug/l  
RT: 8.24 min Scan# 1067  
Delta R.T. 0.00 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 11.9  | 0.0   | 20.4  |





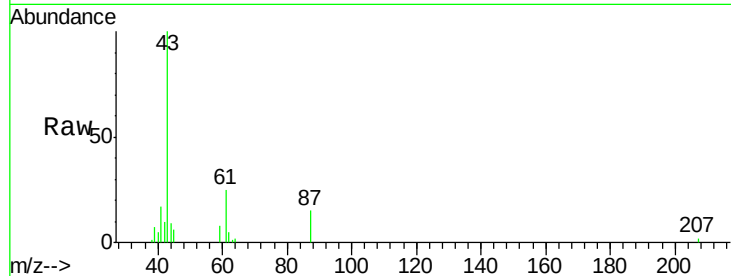
#43  
Isopropyl Acetate  
Concen: 54.848 ug/l  
RT: 8.28 min Scan# 1073  
Delta R.T. 0.00 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
CIY1-SB-04-0-2MSD

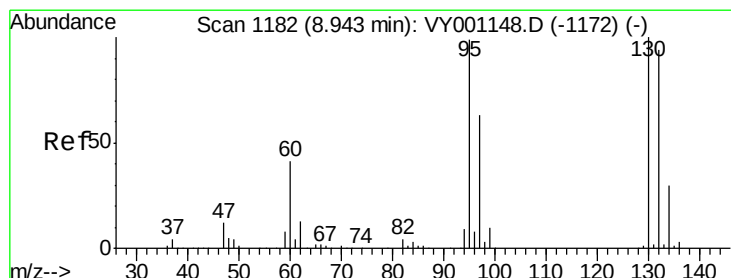
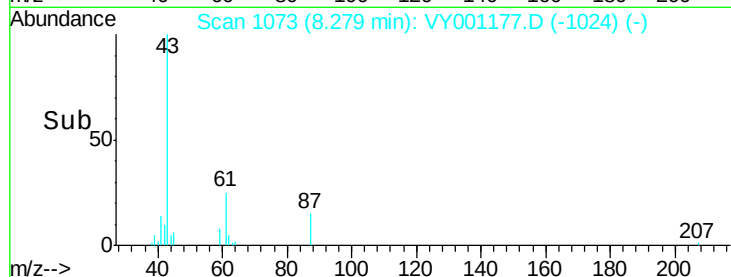
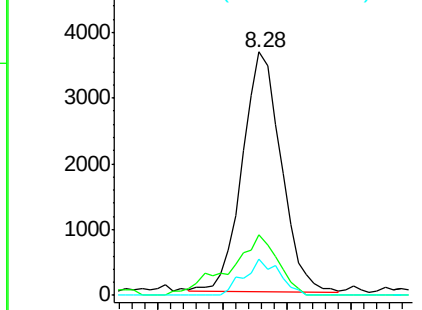
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 31.0  | 23.9  | 35.9  |
| 87      | 13.6  | 11.4  | 17.2  |

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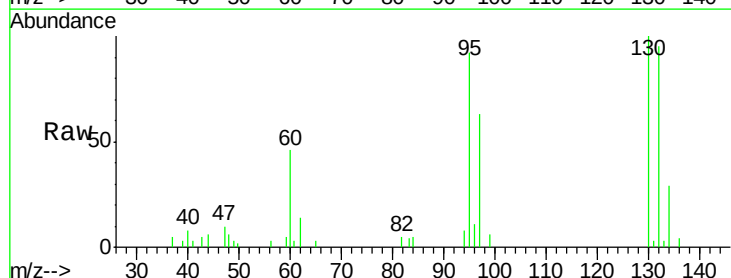


Abundance Ion 43.00 (42.70 to 43.70): VY001177.D (-1024) (-)  
Ion 61.00 (60.70 to 61.70): VY001177.D (-1024) (-)  
Ion 87.00 (86.70 to 87.70): VY001177.D (-1024) (-)

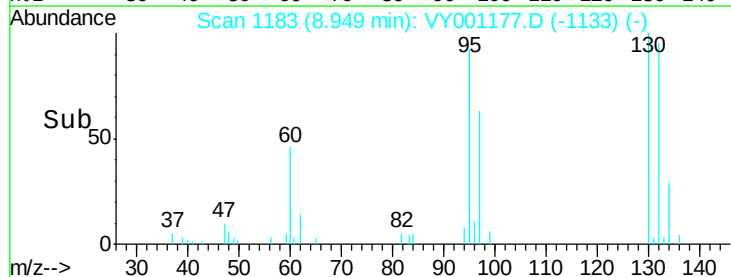
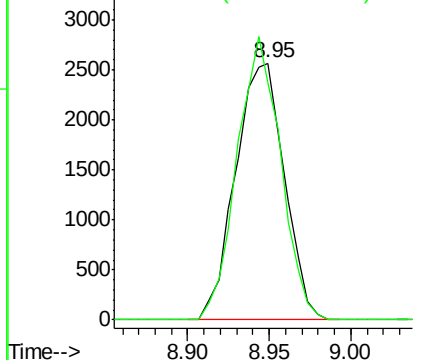


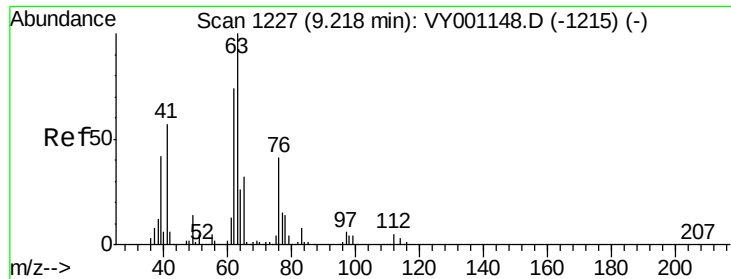
#44  
Trichloroethene  
Concen: 56.859 ug/l  
RT: 8.95 min Scan# 1183  
Delta R.T. 0.01 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 92.5  | 0.0   | 197.6 |



Abundance Ion 129.80 (129.50 to 130.50): VY001177.D (-1133) (-)  
Ion 94.90 (94.60 to 95.60): VY001177.D (-1133) (-)





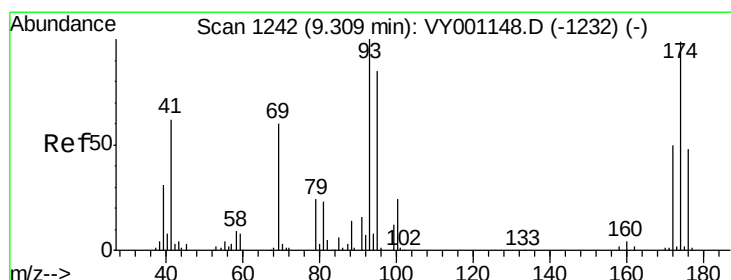
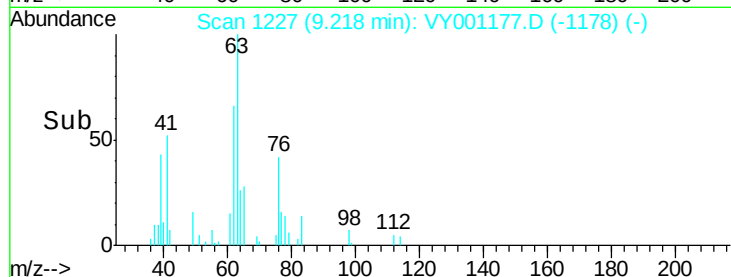
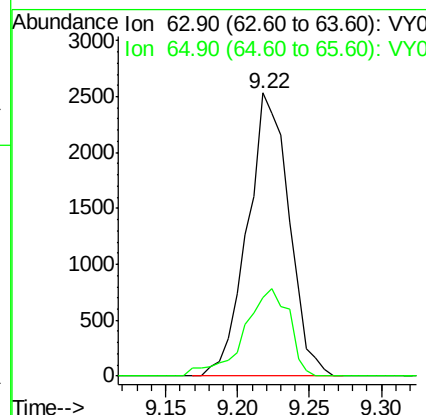
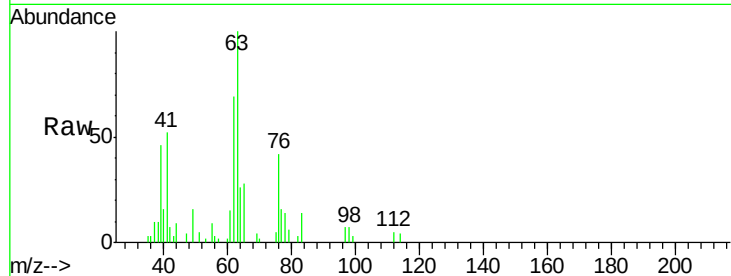
#45  
 1,2-Dichloropropane  
 Concen: 56.501 ug/l  
 RT: 9.22 min Scan# 1227  
 Delta R.T. 0.00 min  
 Lab File: VY001177.D  
 Acq: 13 Jan 2020 13:48

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 CIY1-SB-04-0-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 27.8  | 25.8  | 38.8  |

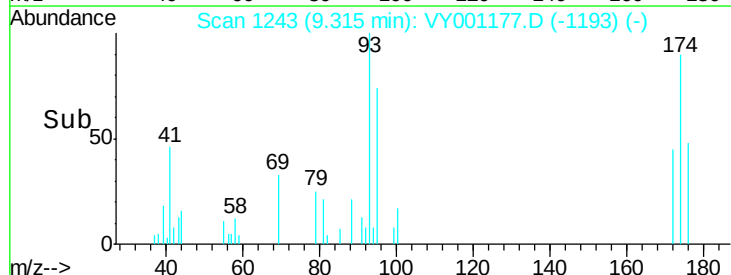
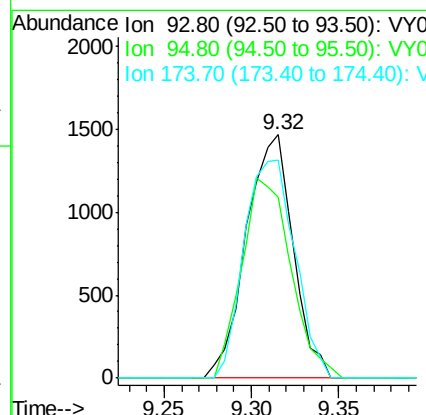
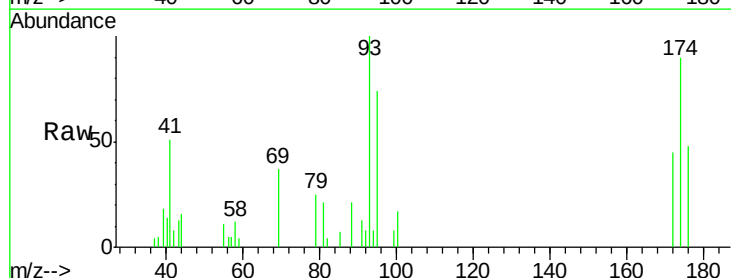
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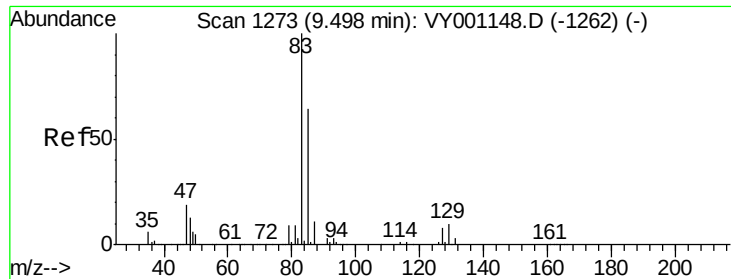
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#46  
 Dibromomethane  
 Concen: 55.861 ug/l  
 RT: 9.32 min Scan# 1243  
 Delta R.T. 0.01 min  
 Lab File: VY001177.D  
 Acq: 13 Jan 2020 13:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 86.6  | 66.8  | 100.2 |
| 174     | 97.0  | 78.4  | 117.6 |





#47

Bromodichloromethane

Concen: 52.738 ug/l

RT: 9.50 min Scan# 1273

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA\_Y

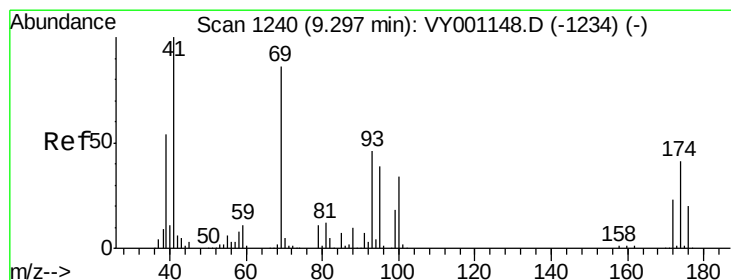
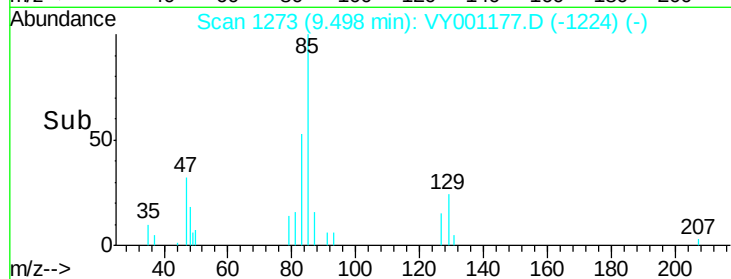
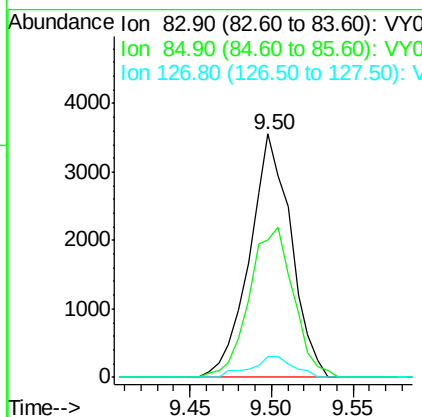
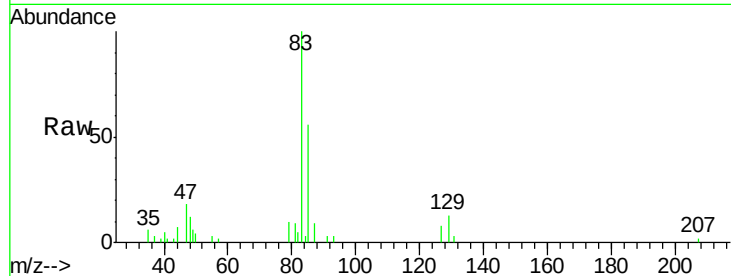
ClientSampleId :

CIY1-SB-04-0-2MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 6279  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 56.4  | 51.5  | 77.3  |
| 127      | 8.3   | 6.3   | 9.5   |

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#48

Methyl methacrylate

Concen: 51.402 ug/l

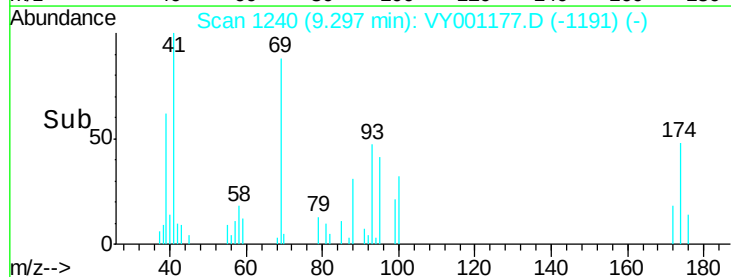
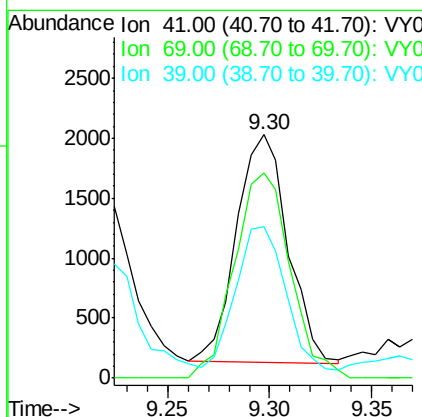
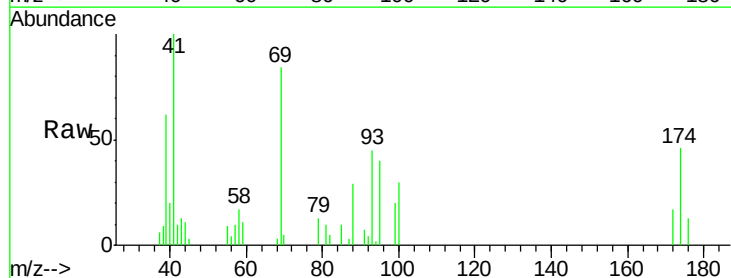
RT: 9.30 min Scan# 1240

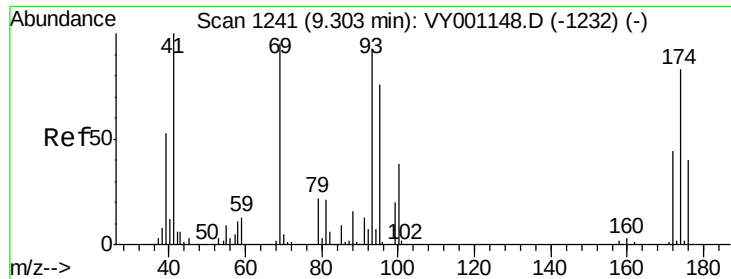
Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 3312  |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 98.2  | 69.8  | 104.8 |
| 39       | 60.7  | 45.2  | 67.8  |





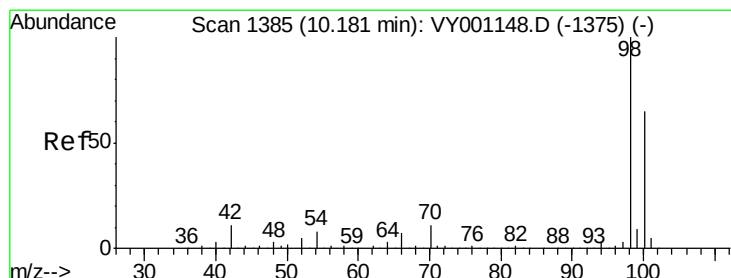
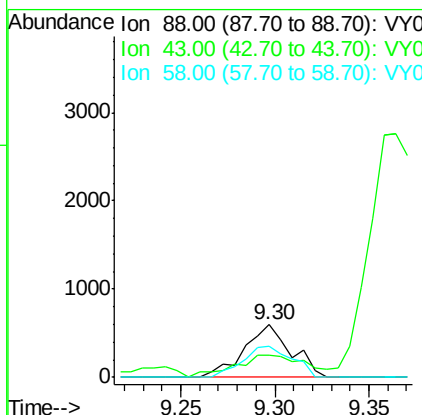
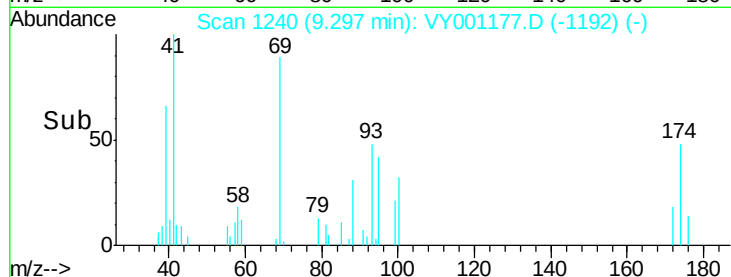
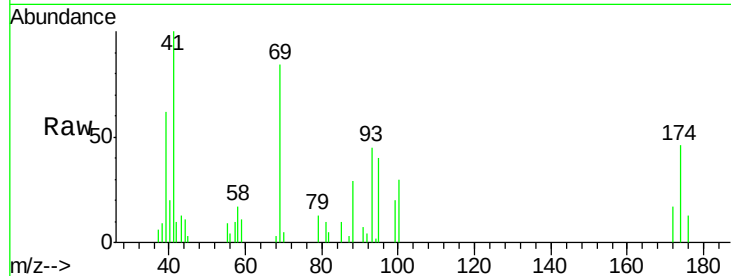
#49  
 1,4-Dioxane  
 Concen: 1726.195 ug/l  
 RT: 9.30 min Scan# 1240  
 Delta R.T. -0.01 min  
 Lab File: VY001177.D  
 Acq: 13 Jan 2020 13:48

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 CIY1-SB-04-0-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 63.8  | 22.4  | 33.6# |
| 58      | 61.9  | 58.0  | 87.0  |

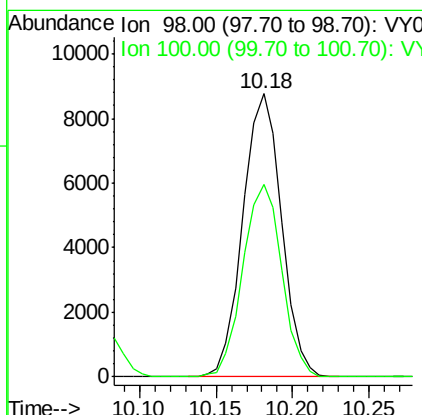
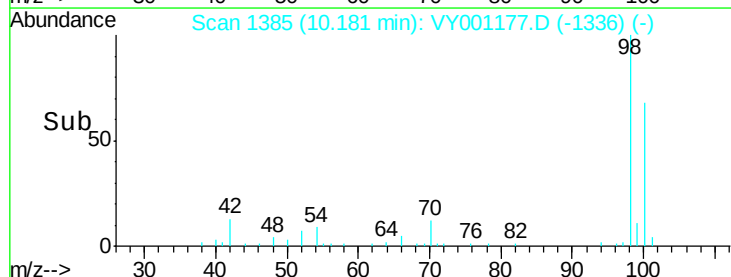
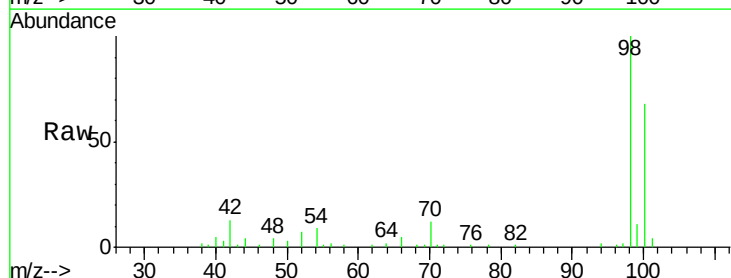
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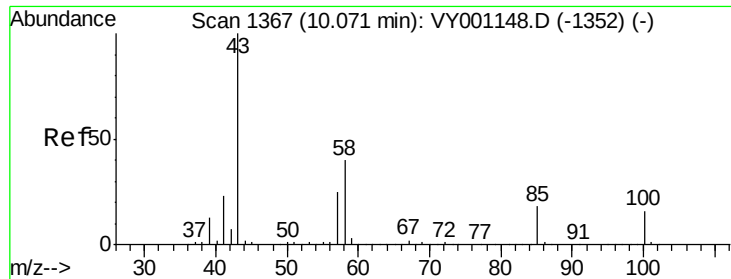
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#50  
 Toluene-d8  
 Concen: 50.145 ug/l  
 RT: 10.18 min Scan# 1385  
 Delta R.T. 0.00 min  
 Lab File: VY001177.D  
 Acq: 13 Jan 2020 13:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 68.1  | 53.1  | 79.7  |





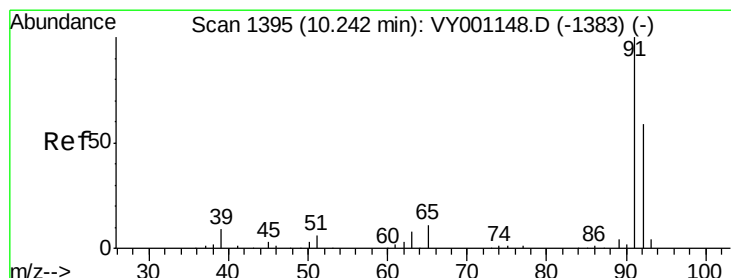
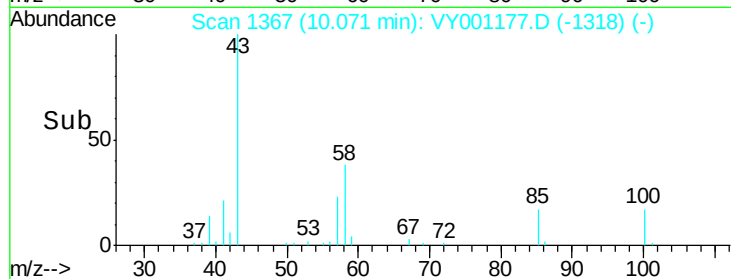
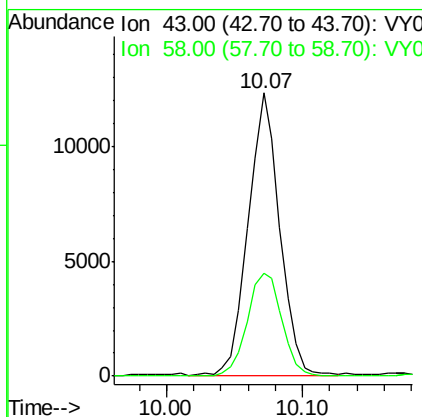
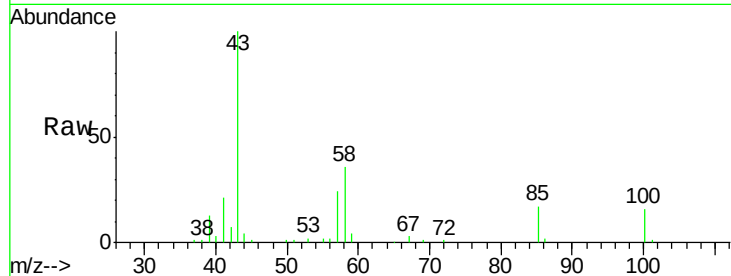
#51  
4-Methyl-2-Pentanone  
Concen: 285.289 ug/l  
RT: 10.07 min Scan# 1367  
Delta R.T. 0.00 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
CIY1-SB-04-0-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 39.2  | 32.3  | 48.5  |

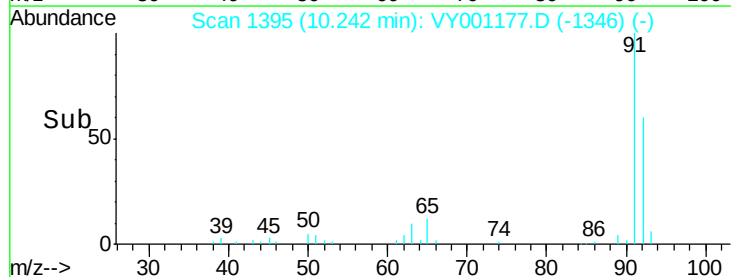
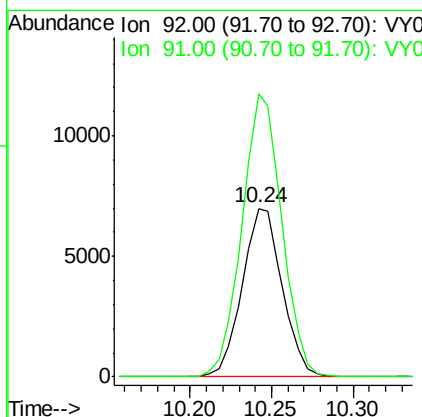
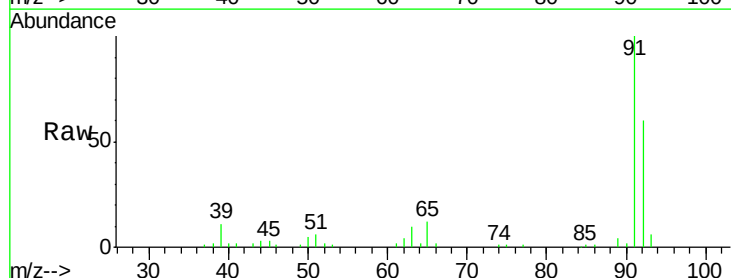
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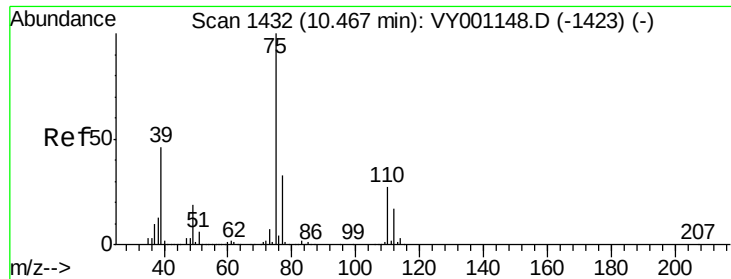
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#52  
Toluene  
Concen: 51.342 ug/l  
RT: 10.24 min Scan# 1395  
Delta R.T. 0.00 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 168.4 | 136.6 | 204.8 |





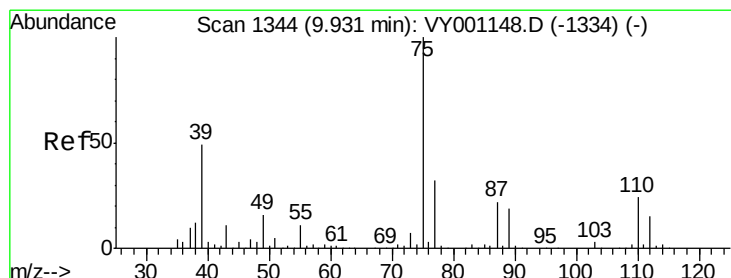
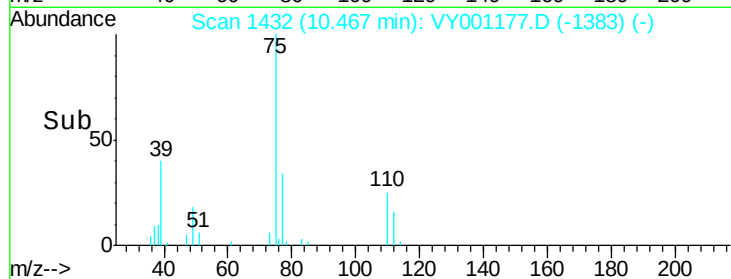
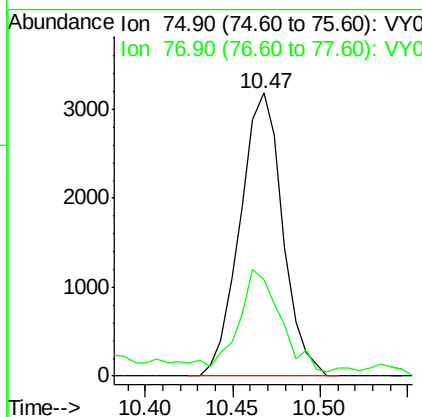
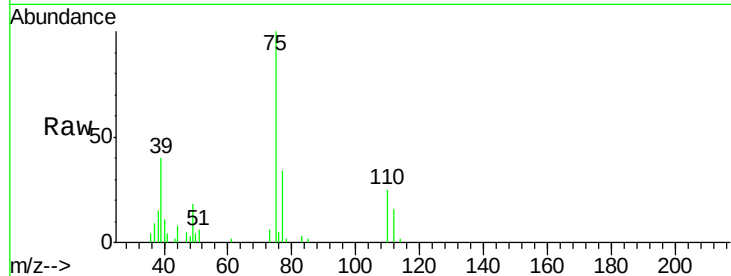
#53  
 t-1,3-Dichloropropene  
 Concen: 40.509 ug/l  
 RT: 10.47 min Scan# 1432  
 Delta R.T. 0.00 min  
 Lab File: VY001177.D  
 Acq: 13 Jan 2020 13:48

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 CIY1-SB-04-0-2MSD

Tot Ion: 75 Resp: 5397  
 Ion Ratio Lower Upper  
 75 100  
 77 31.1 26.2 39.2

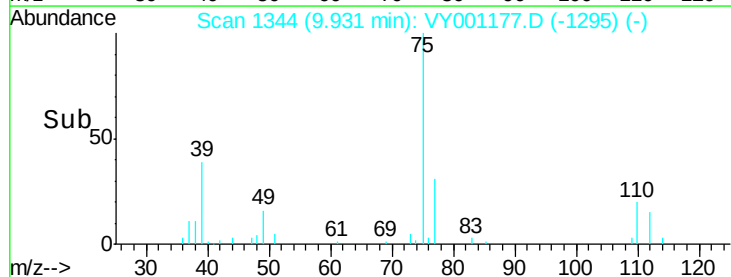
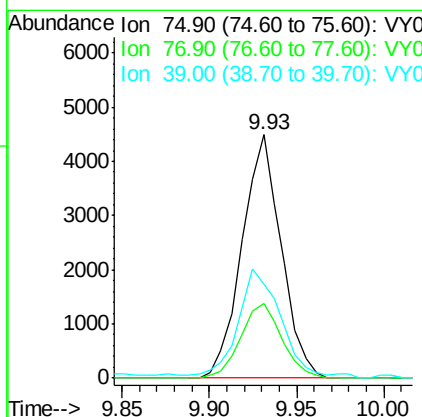
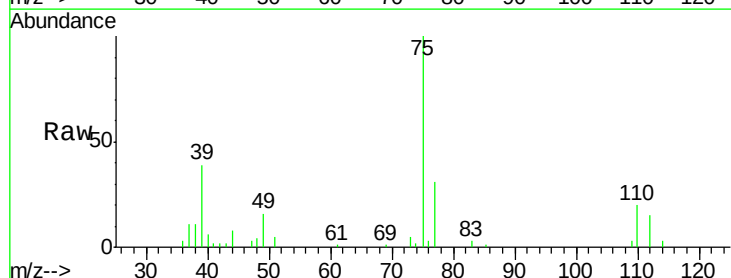
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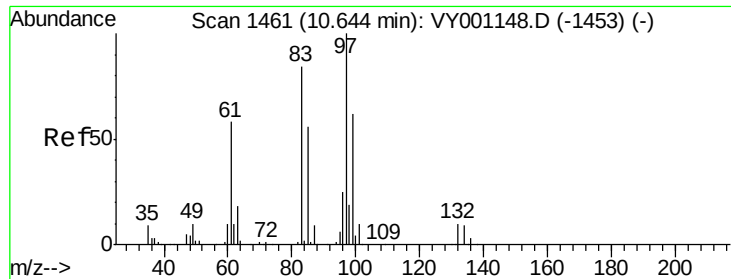
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#54  
 cis-1,3-Dichloropropene  
 Concen: 46.701 ug/l  
 RT: 9.93 min Scan# 1344  
 Delta R.T. 0.00 min  
 Lab File: VY001177.D  
 Acq: 13 Jan 2020 13:48

Tgt Ion: 75 Resp: 7015  
 Ion Ratio Lower Upper  
 75 100  
 77 30.9 25.3 37.9  
 39 37.1 39.1 58.7#





#55

1,1,2-Trichloroethane

Concen: 55.837 ug/l

RT: 10.64 min Scan# 1461

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA\_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion: 97 Resp: 4044

Ion Ratio Lower Upper

97 100

83 103.3 67.2 100.8#

85 72.1 44.9 67.3#

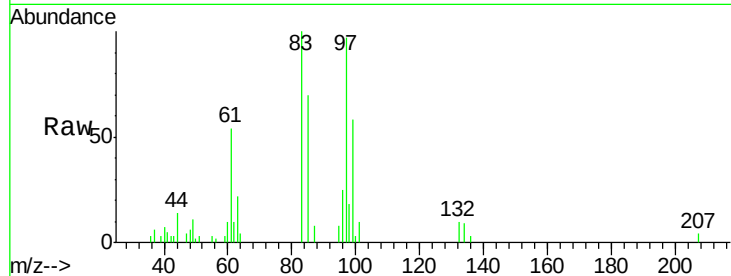
99 60.3 49.9 74.9

Manual Integrations

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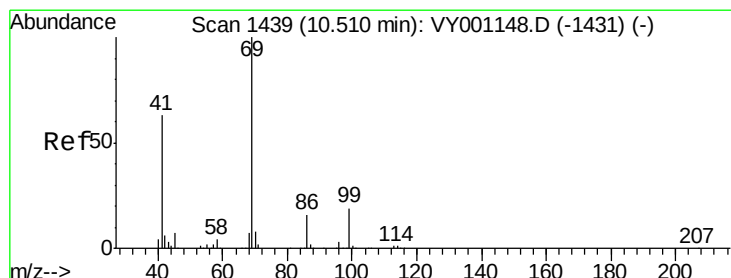
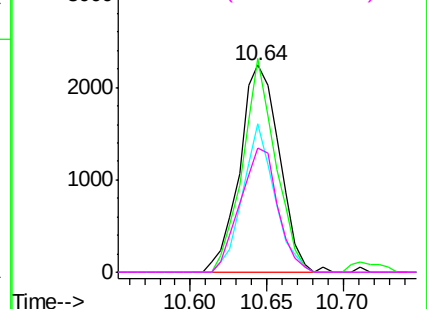
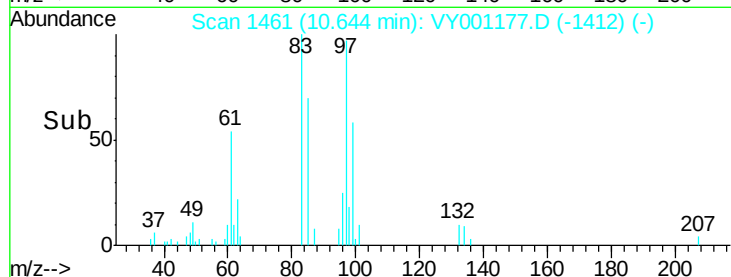


Abundance Ion 96.90 (96.60 to 97.60): VY0

Ion 82.90 (82.60 to 83.60): VY0

Ion 84.90 (84.60 to 85.60): VY0

Ion 98.90 (98.60 to 99.60): VY0



#56

Ethyl methacrylate

Concen: 49.527 ug/l

RT: 10.51 min Scan# 1439

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

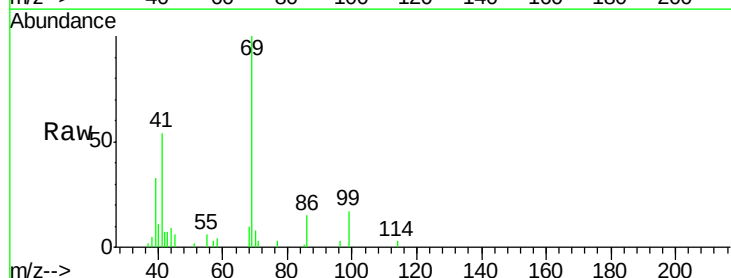
Tgt Ion: 69 Resp: 5487

Ion Ratio Lower Upper

69 100

41 65.9 51.4 77.2

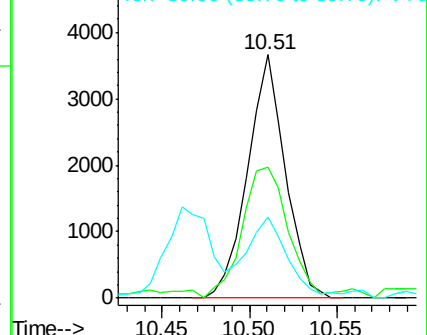
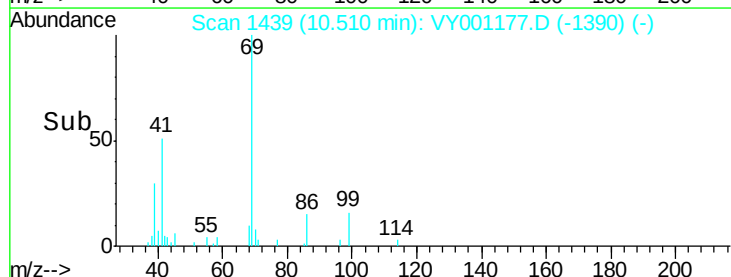
39 36.8 26.3 39.5



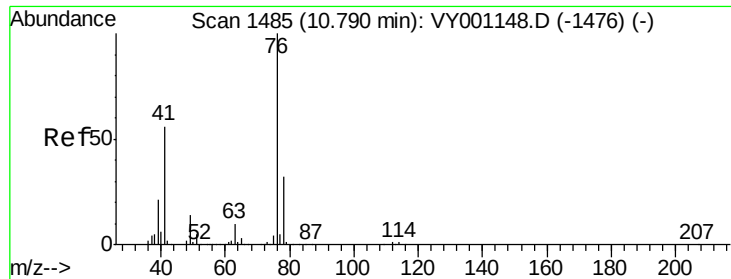
Abundance Ion 69.00 (68.70 to 69.70): VY0

Ion 41.00 (40.70 to 41.70): VY0

Ion 39.00 (38.70 to 39.70): VY0







#57

1,3-Dichloropropane

Concen: 54.691 ug/l

RT: 10.79 min Scan# 1485

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA\_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion: 76 Resp: 6800

Ion Ratio Lower Upper

76 100

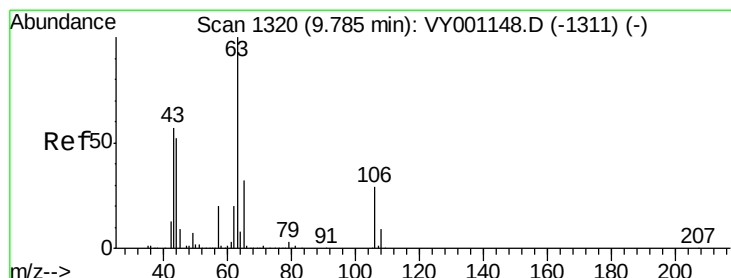
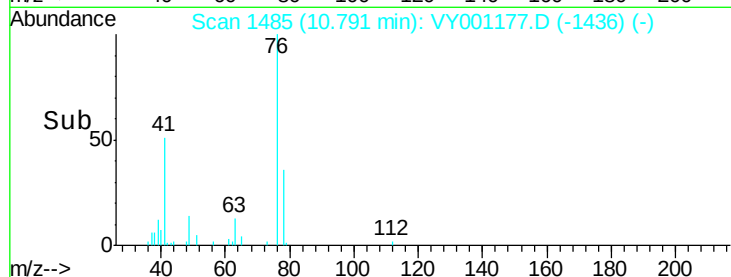
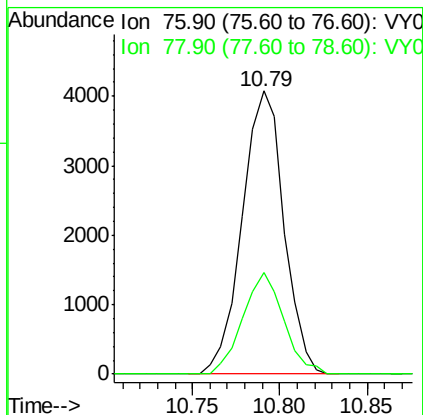
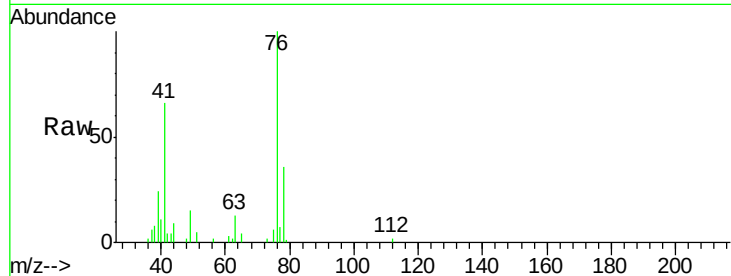
78 35.3 26.1 39.1

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#58

2-Chloroethyl Vinyl ether

Concen: 62.133 ug/l

RT: 9.78 min Scan# 1320

Delta R.T. 0.00 min

Lab File: VY001177.D

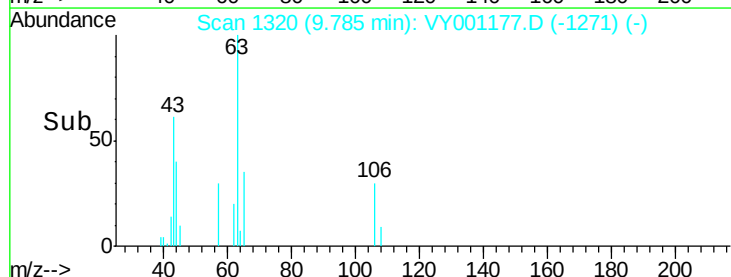
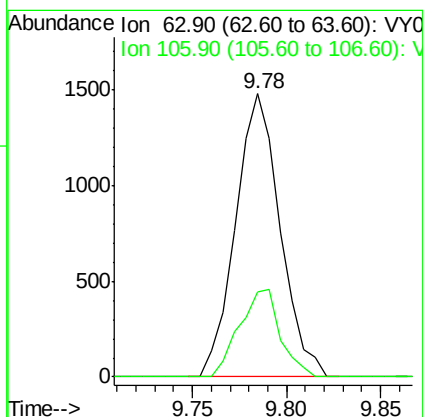
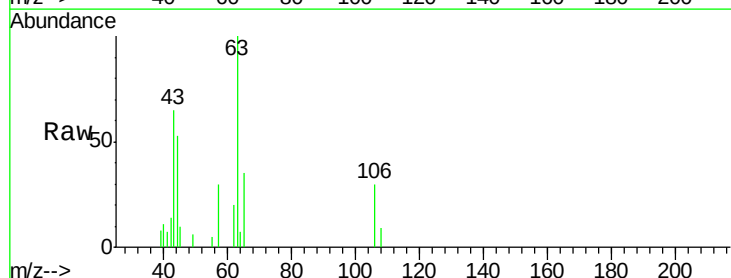
Acq: 13 Jan 2020 13:48

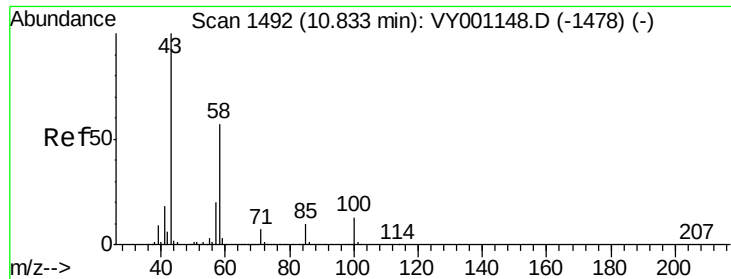
Tgt Ion: 63 Resp: 2421

Ion Ratio Lower Upper

63 100

106 28.4 23.0 34.6





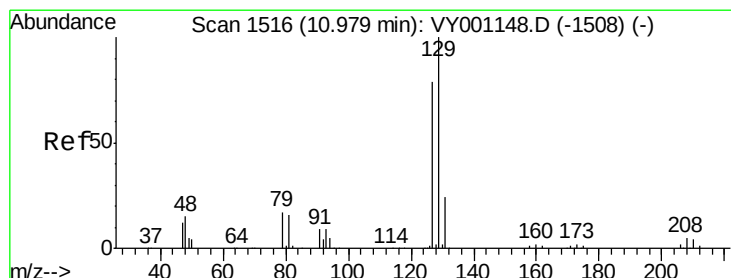
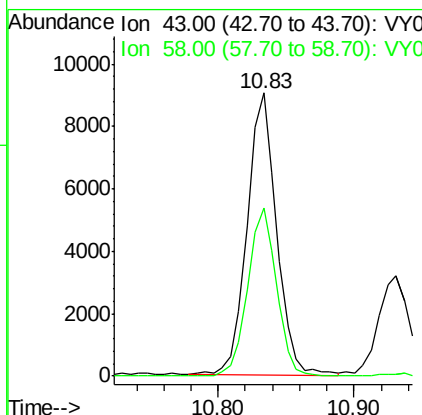
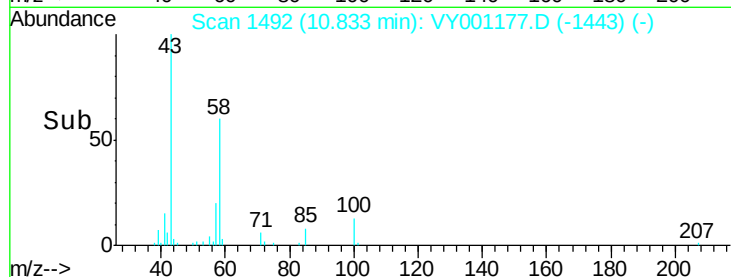
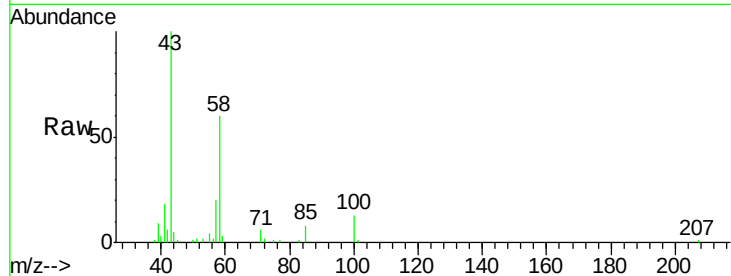
#59  
2-Hexanone  
Concen: 277.594 ug/l  
RT: 10.83 min Scan# 1492  
Delta R.T. 0.00 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
CIY1-SB-04-0-2MSD

| Tot Ion   | 43   | Resp  | 13745 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 43        | 100  |       |       |
| 58        | 58.3 | 28.4  | 85.2  |

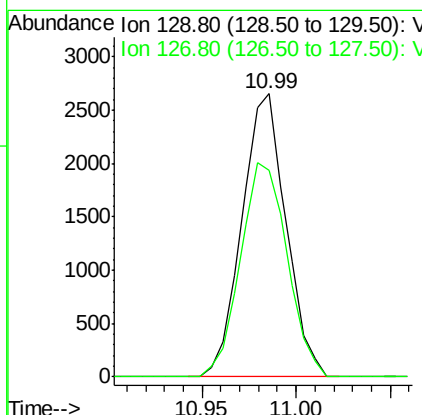
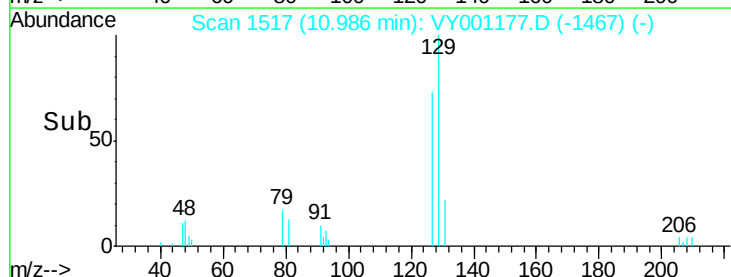
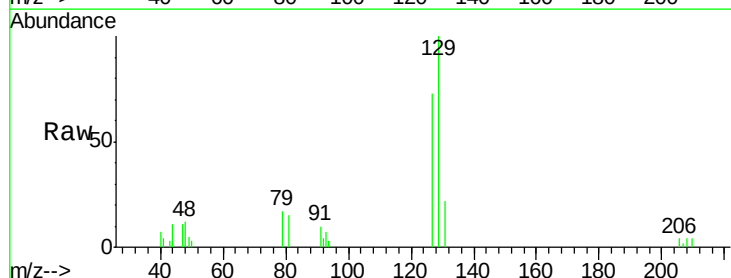
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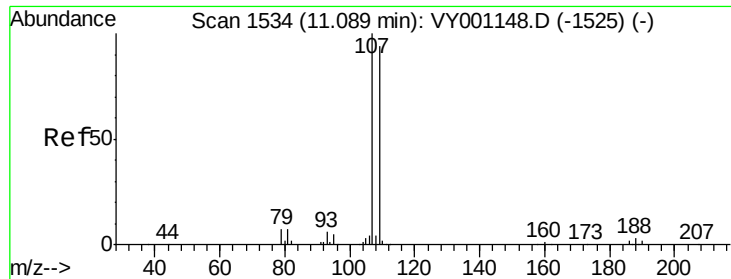
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#60  
Dibromochloromethane  
Concen: 51.578 ug/l  
RT: 10.99 min Scan# 1517  
Delta R.T. 0.01 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

| Tgt Ion   | 129  | Resp  | 4301  |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 129       | 100  |       |       |
| 127       | 80.1 | 38.9  | 116.7 |





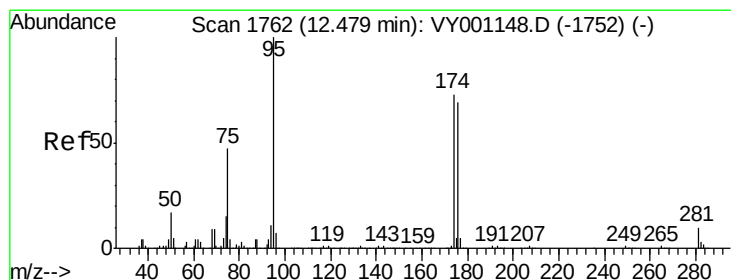
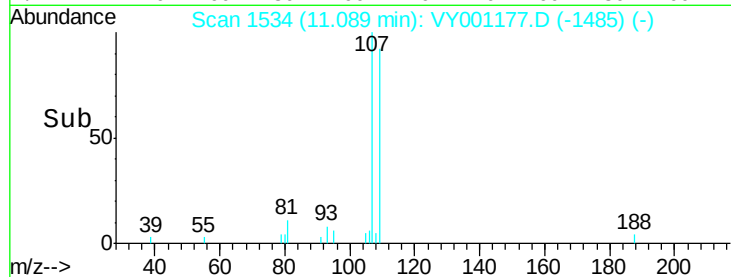
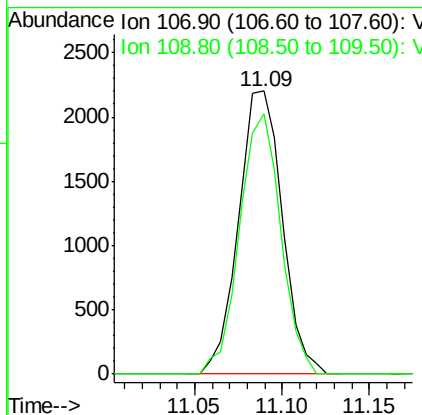
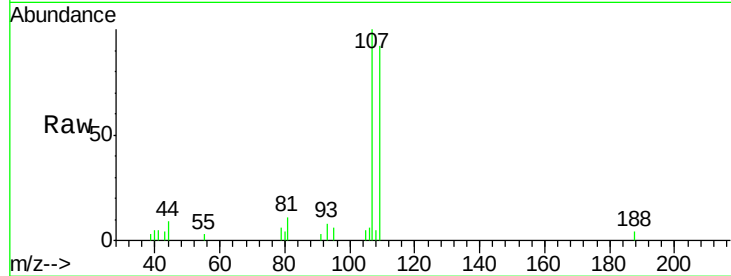
#61  
 1,2-Dibromoethane  
 Concen: 54.257 ug/l  
 RT: 11.09 min Scan# 1534  
 Delta R.T. 0.00 min  
 Lab File: VY001177.D  
 Acq: 13 Jan 2020 13:48

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 CIY1-SB-04-0-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 86.6  | 75.4  | 113.0 |

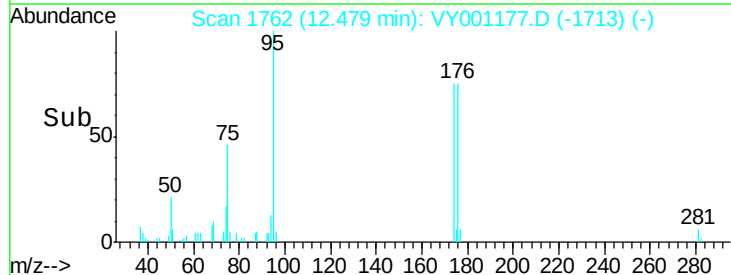
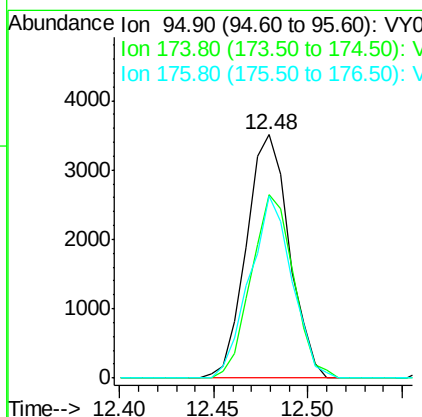
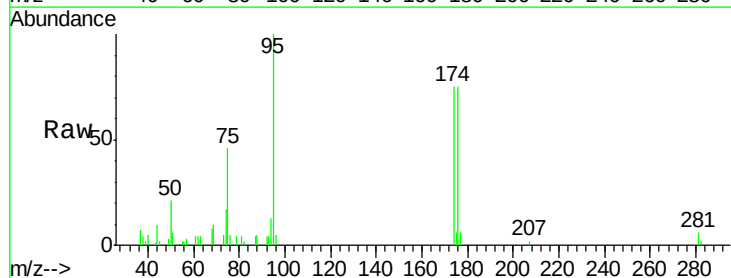
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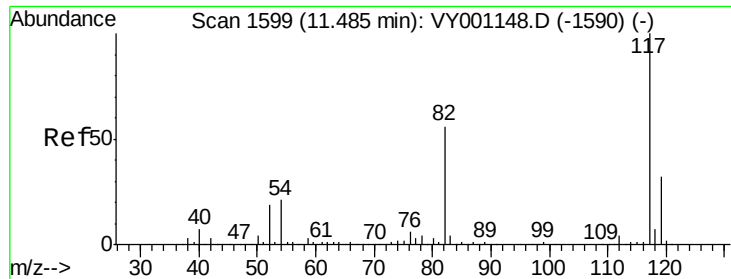
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#62  
 4-Bromofluorobenzene  
 Concen: 44.052 ug/l  
 RT: 12.48 min Scan# 1762  
 Delta R.T. 0.00 min  
 Lab File: VY001177.D  
 Acq: 13 Jan 2020 13:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 74.1  | 0.0   | 143.2 |
| 176     | 74.1  | 0.0   | 136.0 |





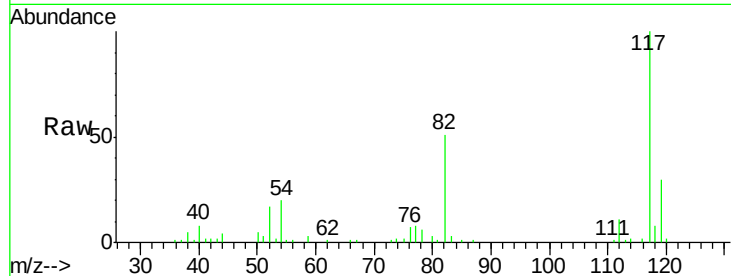
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.49 min Scan# 1600  
Delta R.T. 0.01 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
CIY1-SB-04-0-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 51.1  | 44.9  | 67.3  |
| 119     | 30.1  | 25.7  | 38.5  |

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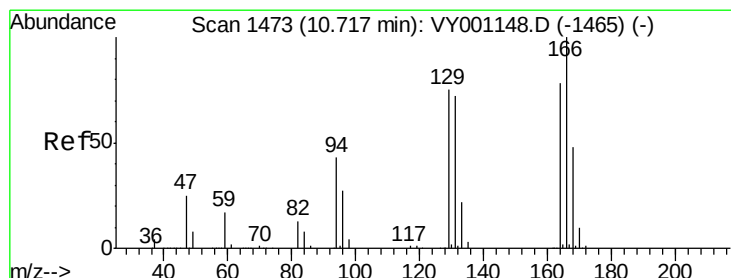
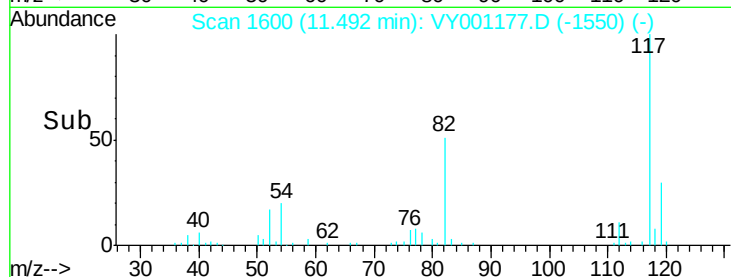
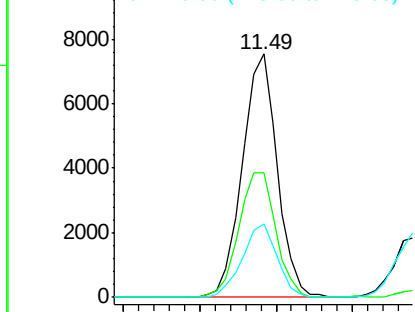


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VY0

Ion 118.90 (118.60 to 119.60): V



#64  
Tetrachloroethene  
Concen: 63.137 ug/l  
RT: 10.72 min Scan# 1473  
Delta R.T. 0.00 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 140.9 | 102.3 | 153.5 |
| 129     | 101.1 | 76.2  | 114.4 |
| 131     | 104.0 | 73.9  | 110.9 |

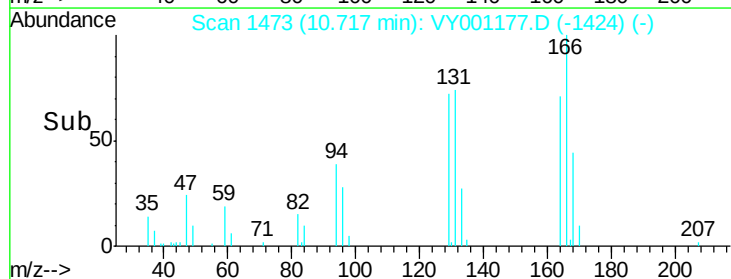
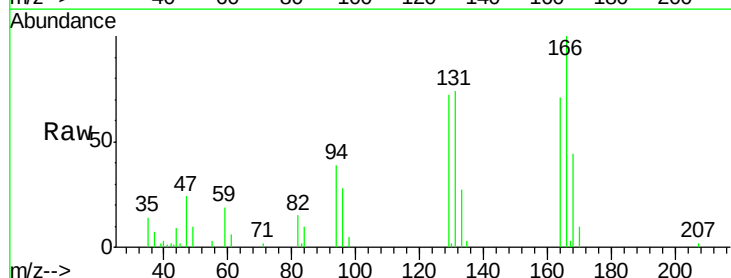
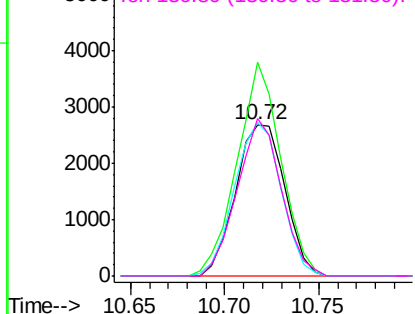
Abundance

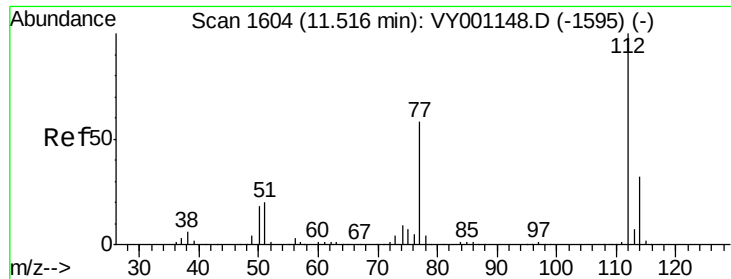
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 52.295 ug/l

RT: 11.52 min Scan# 1604

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA\_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion:112 Resp: 12488

Ion Ratio Lower Upper

112 100

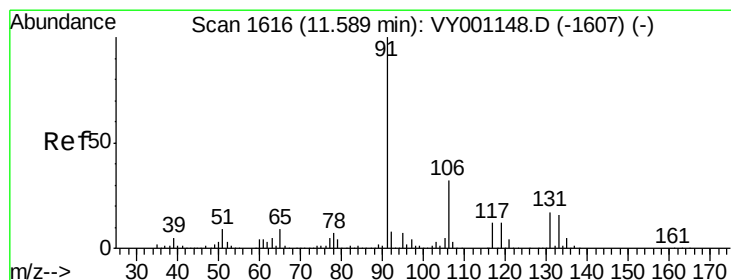
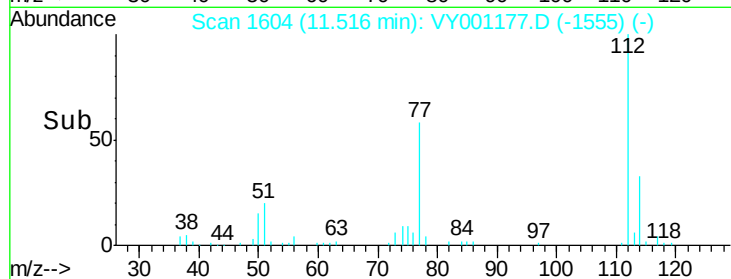
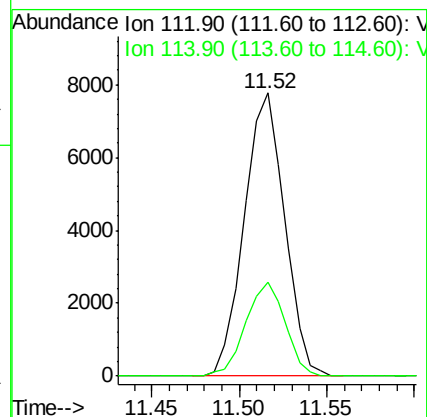
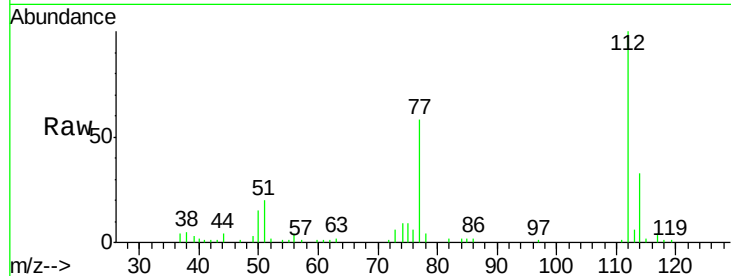
114 33.4 25.9 38.9

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#66

1,1,1,2-Tetrachloroethane

Concen: 52.172 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

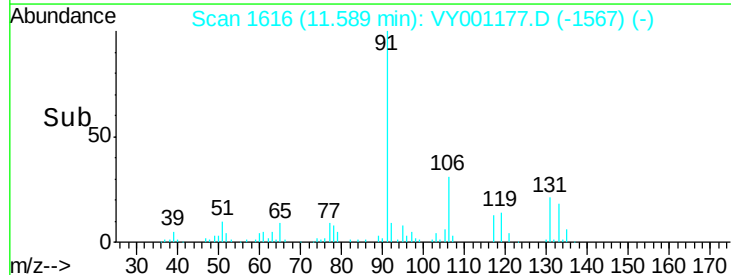
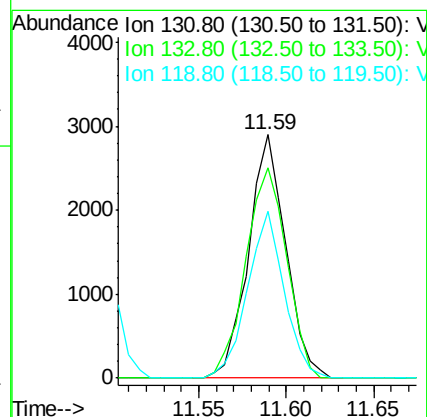
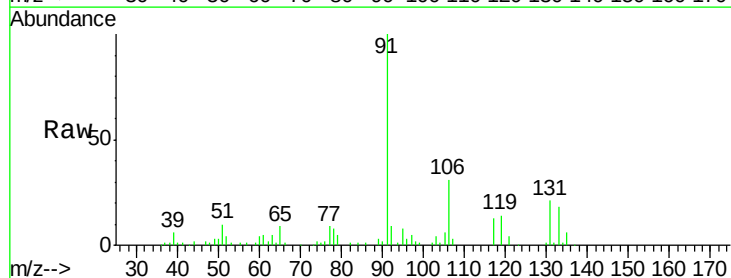
Tgt Ion:131 Resp: 4294

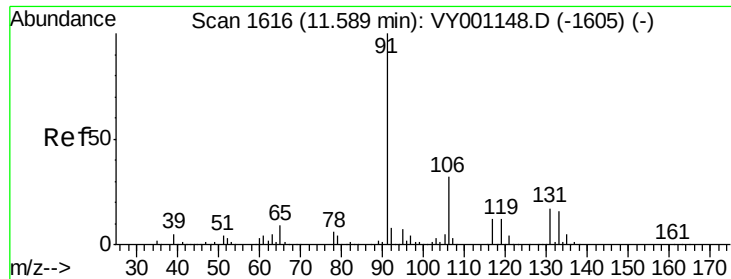
Ion Ratio Lower Upper

131 100

133 95.1 47.3 142.0

119 67.6 33.6 100.8





#67

Ethyl Benzene

Concen: 50.851 ug/l

RT: 11.59 min Scan# 1616

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA\_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion: 91 Resp: 22214

Ion Ratio Lower Upper

91 100

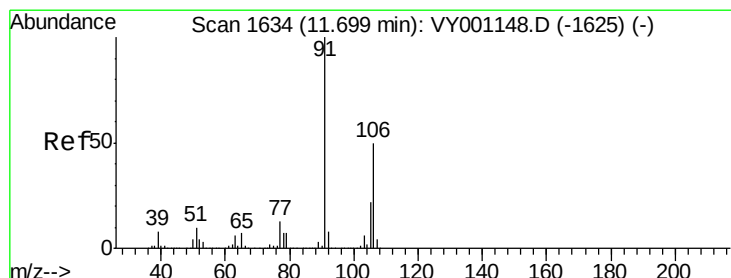
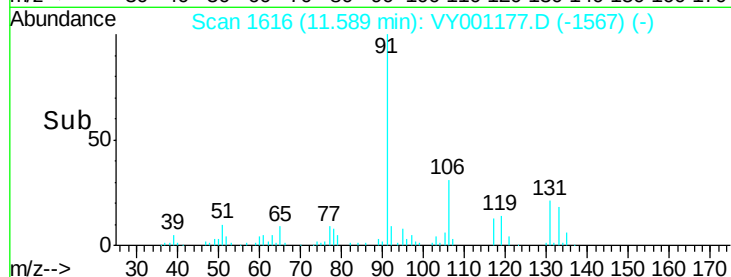
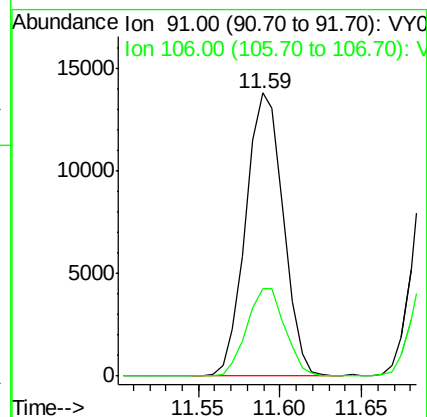
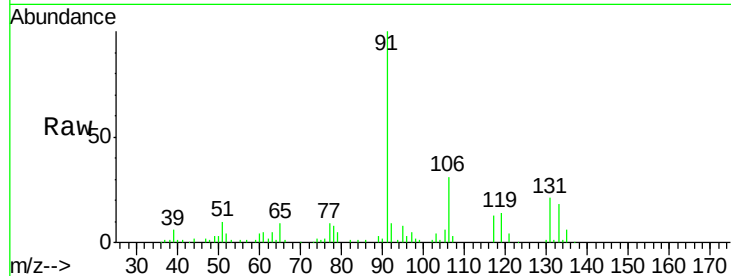
106 31.1 25.3 37.9

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#68

m/p-Xylenes

Concen: 105.729 ug/l

RT: 11.70 min Scan# 1634

Delta R.T. 0.00 min

Lab File: VY001177.D

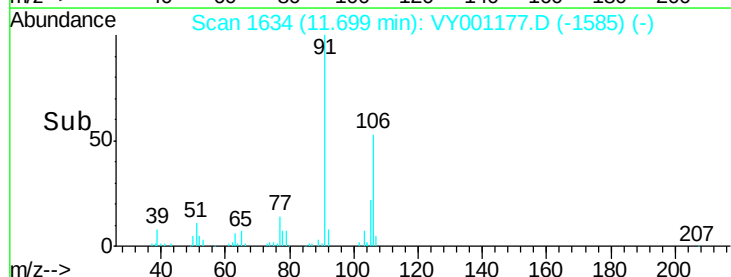
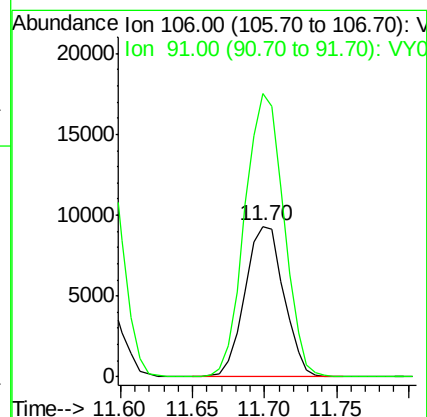
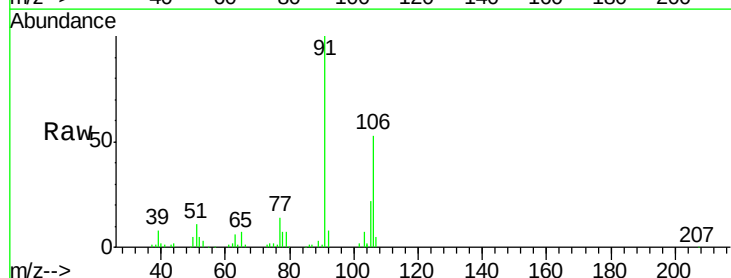
Acq: 13 Jan 2020 13:48

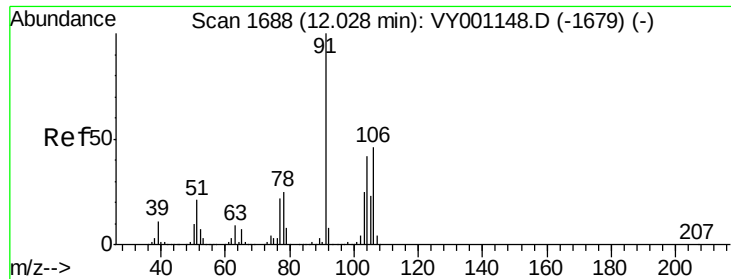
Tgt Ion: 106 Resp: 17423

Ion Ratio Lower Upper

106 100

91 187.8 161.4 242.2





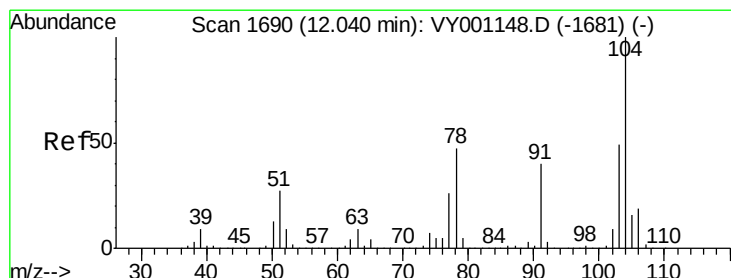
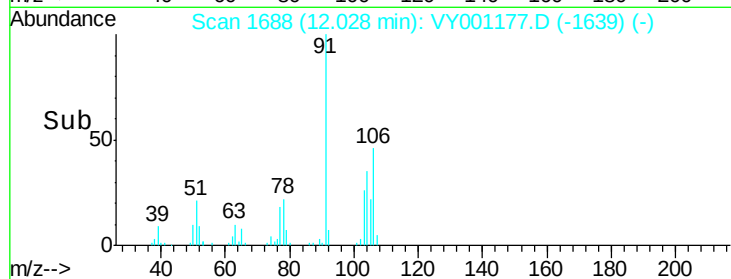
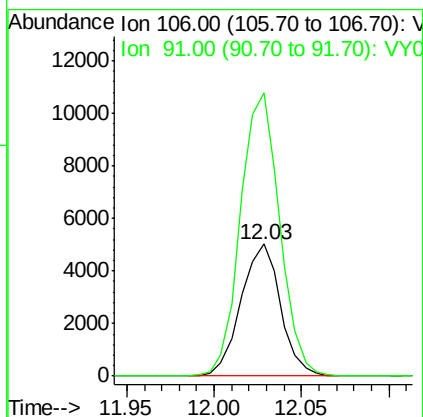
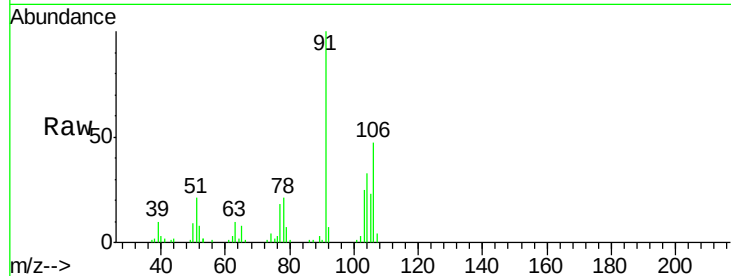
#69  
o-Xylene  
Concen: 50.159 ug/l  
RT: 12.03 min Scan# 1688  
Delta R.T. 0.00 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
CIY1-SB-04-0-2MSD

Tot Ion:106 Resp: 7925  
Ion Ratio Lower Upper  
106 100  
91 212.8 106.3 318.8

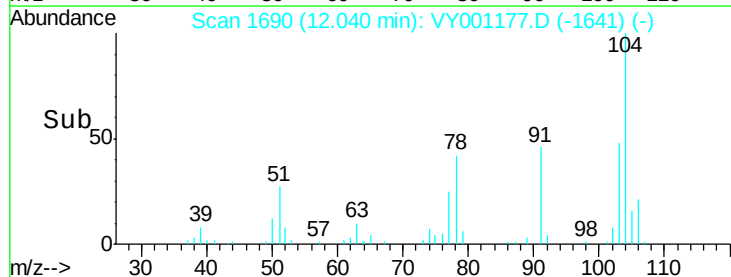
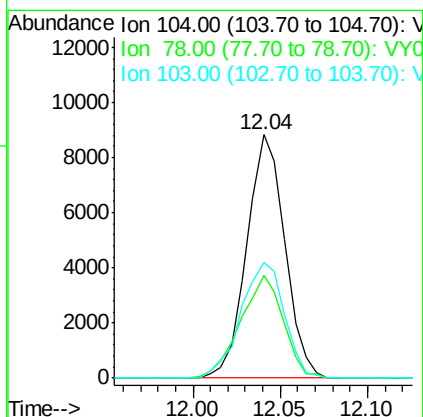
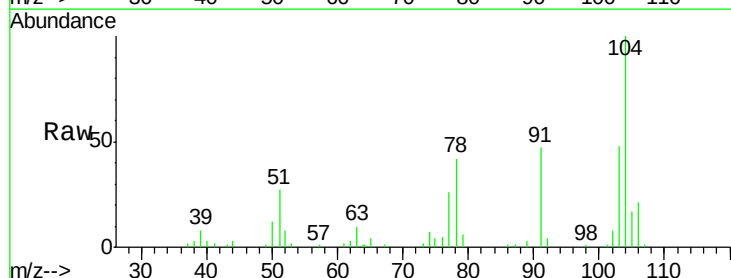
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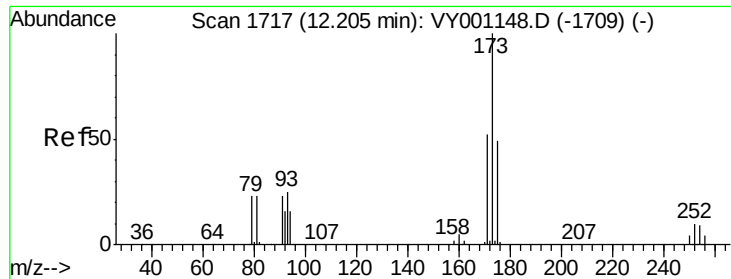
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#70  
Styrene  
Concen: 48.157 ug/l  
RT: 12.04 min Scan# 1690  
Delta R.T. 0.00 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

Tgt Ion:104 Resp: 13350  
Ion Ratio Lower Upper  
104 100  
78 47.2 40.5 60.7  
103 54.4 42.4 63.6





#71

Bromoform

Concen: 51.106 ug/l

RT: 12.20 min Scan# 1717

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA\_Y

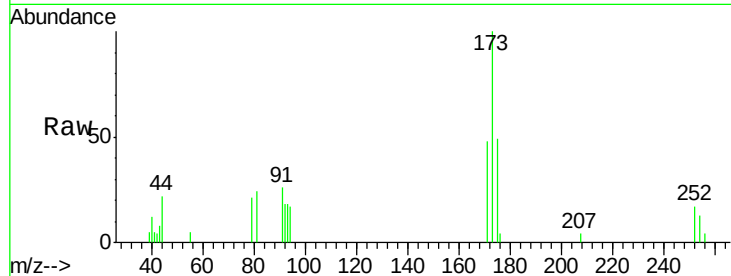
ClientSampleId :

CIY1-SB-04-0-2MSD

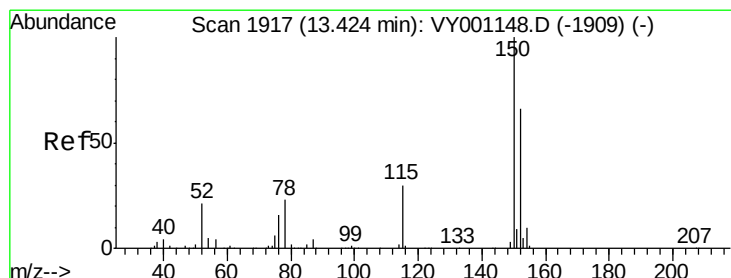
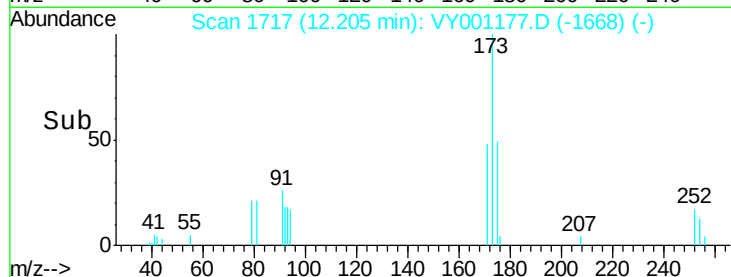
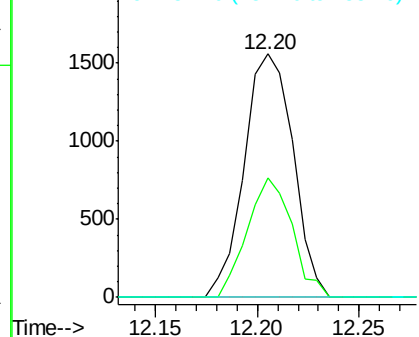
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 45.1  | 24.1  | 72.2  |
| 254     | 0.0   | 0.1   | 0.1#  |

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

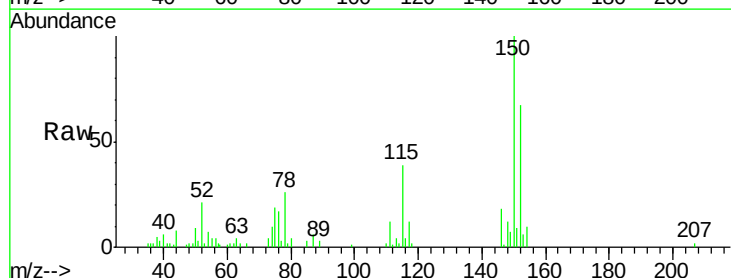
RT: 13.42 min Scan# 1917

Delta R.T. 0.00 min

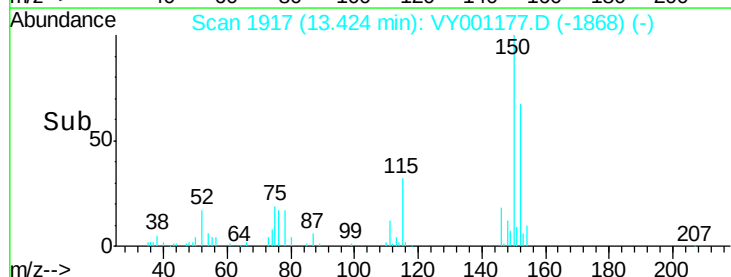
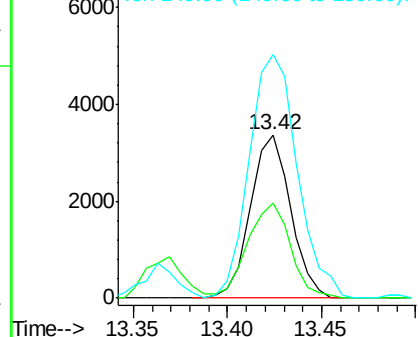
Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

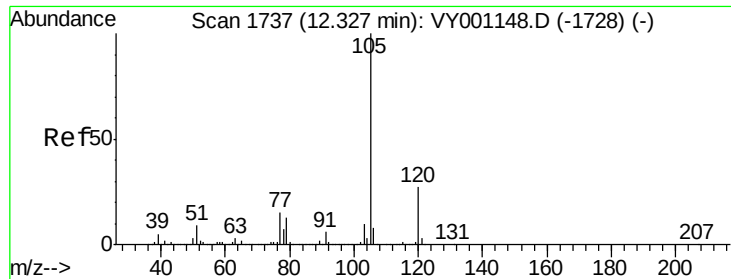
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 61.9  | 30.9  | 92.5  |
| 150     | 178.9 | 0.0   | 346.8 |



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







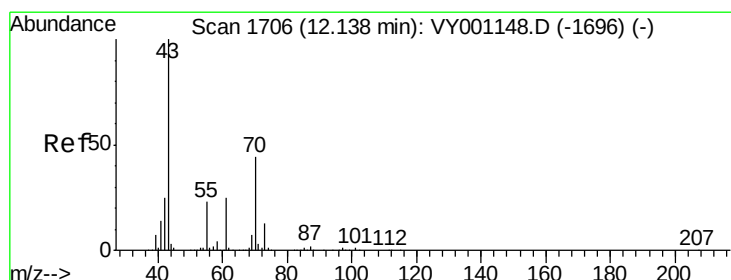
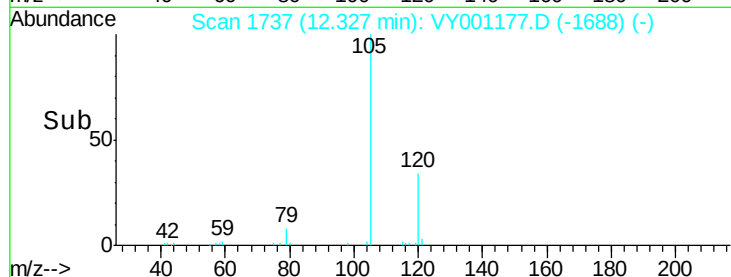
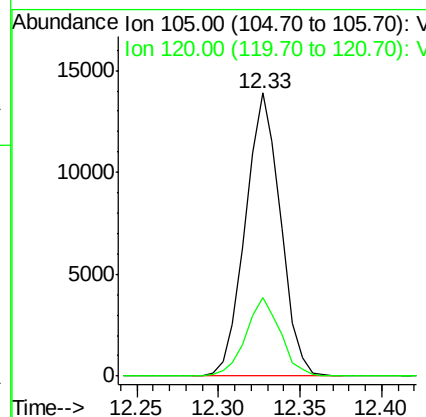
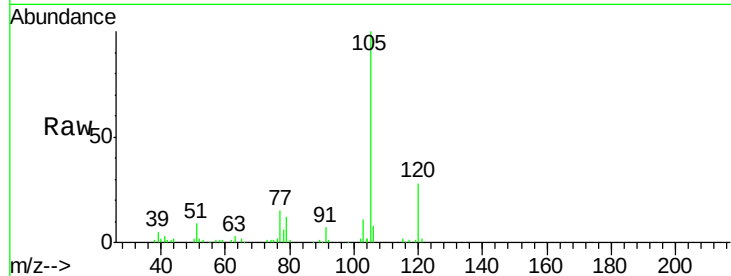
#73  
Isopropylbenzene  
Concen: 55.880 ug/l  
RT: 12.33 min Scan# 1737  
Delta R.T. 0.00 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
CIY1-SB-04-0-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 27.2  | 13.4  | 40.2  |

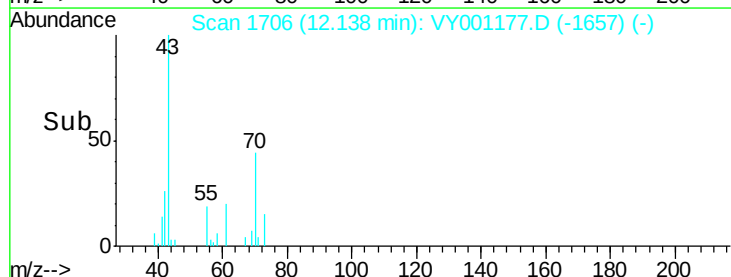
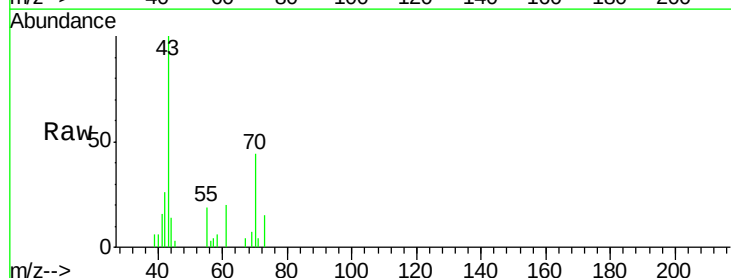
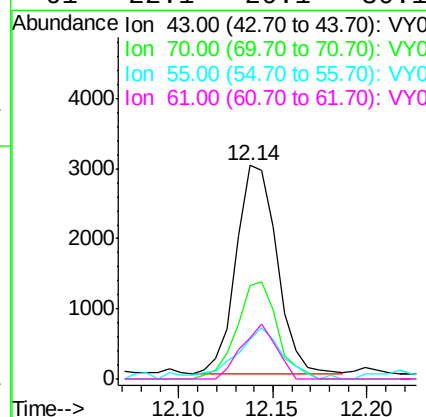
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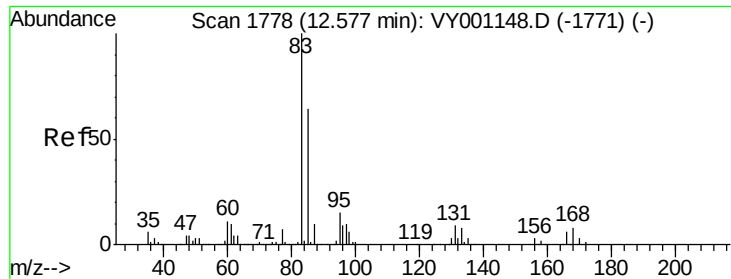
apatel  
1/14/2020 12:47:29 PM



#74  
N-ethyl acetate  
Concen: 38.612 ug/l  
RT: 12.14 min Scan# 1706  
Delta R.T. 0.00 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 46.1  | 35.0  | 52.6  |
| 55      | 28.3  | 18.4  | 27.6  |
| 61      | 22.1  | 20.1  | 30.1  |





#75

1,1,2,2-Tetrachloroethane

Concen: 60.058 ug/l

RT: 12.58 min Scan# 1779

Delta R.T. 0.01 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA\_Y

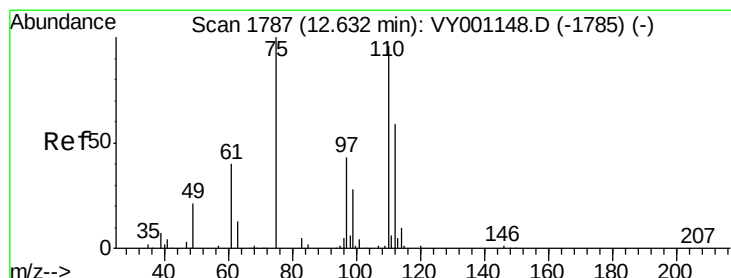
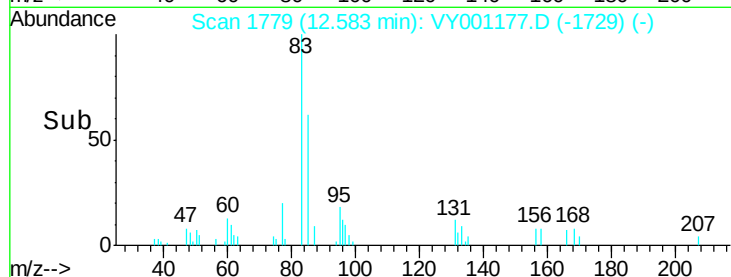
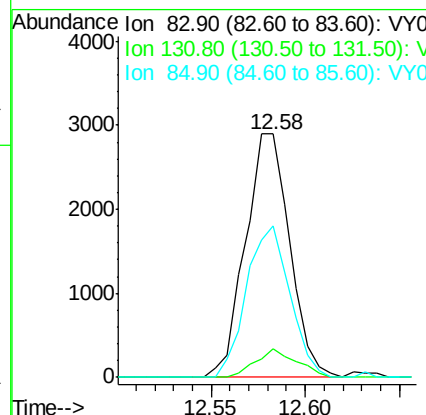
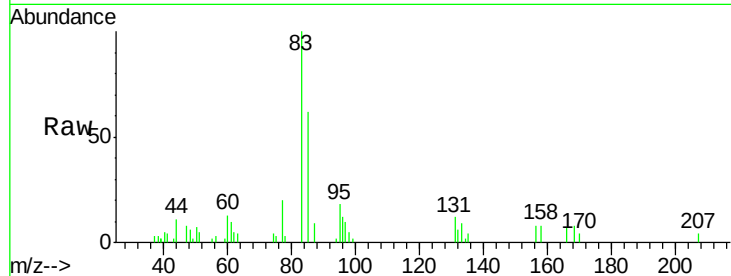
ClientSampleId :

CIY1-SB-04-0-2MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 4724  |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 10.7  | 5.1   | 15.3  |
| 85       | 60.8  | 32.2  | 96.6  |

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#76

1,2,3-Trichloropropane

Concen: 68.806 ug/l m

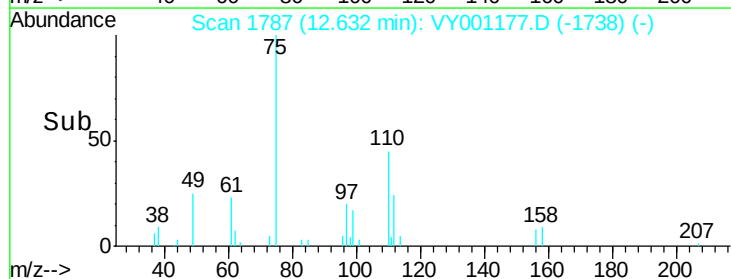
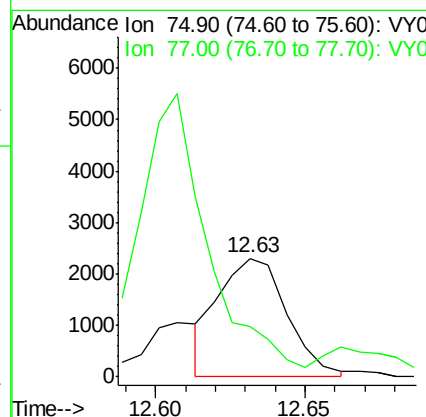
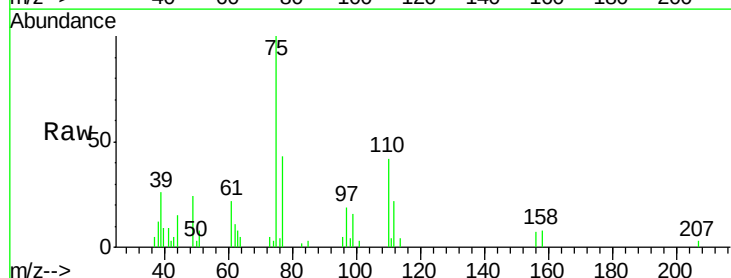
RT: 12.63 min Scan# 1787

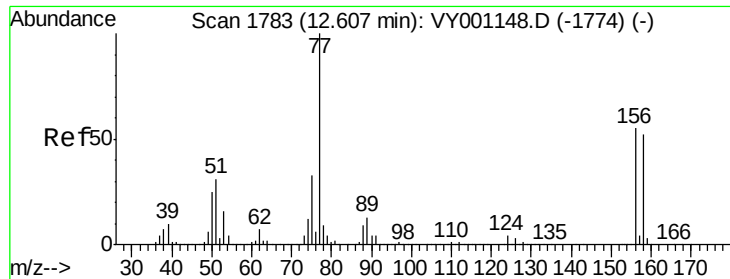
Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 3663  |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 0.0   | 0.0   | 0.0   |





#77

Bromobenzene

Concen: 56.786 ug/l

RT: 12.61 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA\_Y

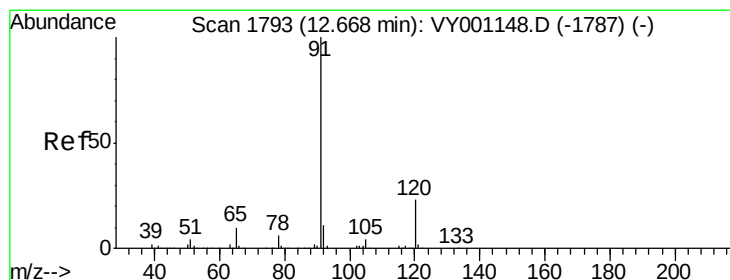
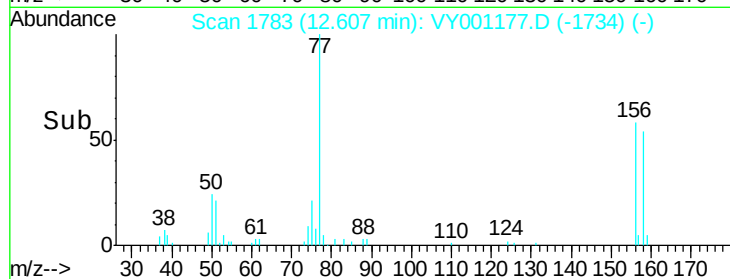
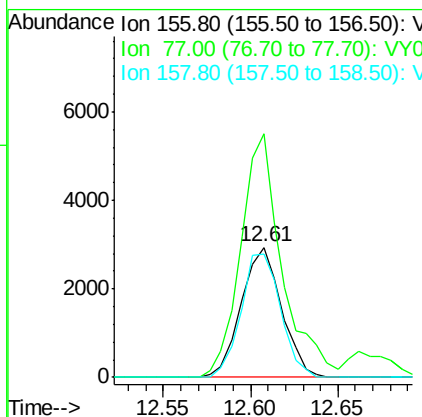
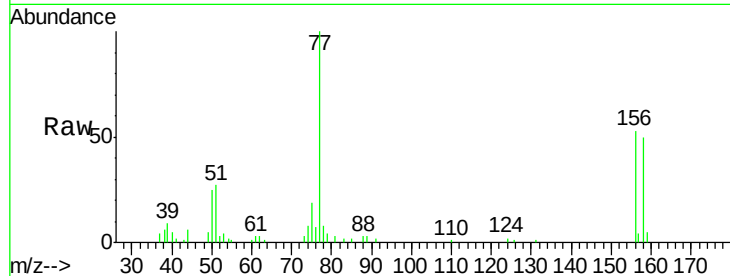
ClientSampleId :

CIY1-SB-04-0-2MSD

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 156   | Resp: | 4691  |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 192.9 | 106.7 | 320.1 |
| 158       | 93.3  | 48.3  | 144.8 |

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#78

n-propylbenzene

Concen: 53.888 ug/l

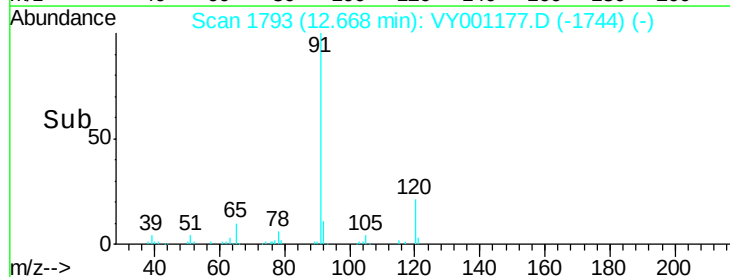
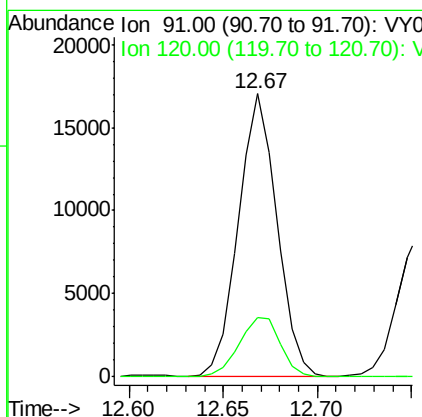
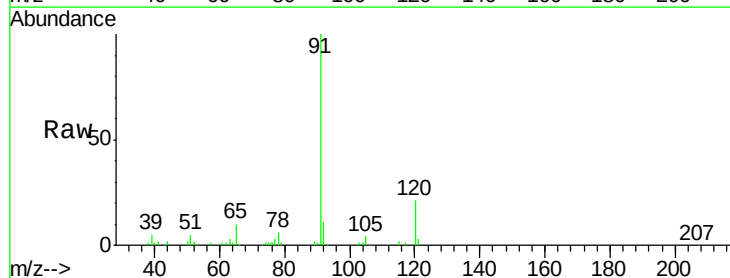
RT: 12.67 min Scan# 1793

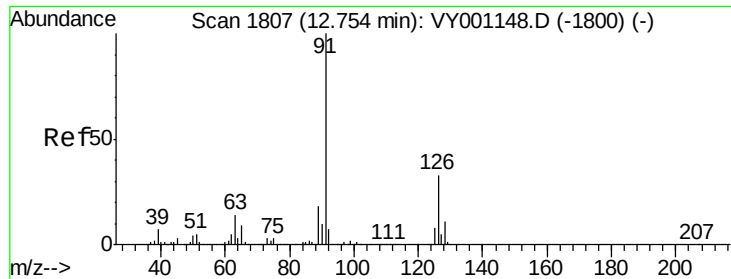
Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 91    | Resp: | 24233 |
| Ion Ratio | Lower | Upper |       |
| 91        | 100   |       |       |
| 120       | 22.6  | 11.5  | 34.4  |





#79

2-Chlorotoluene

Concen: 51.502 ug/l

RT: 12.75 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA\_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion: 91 Resp: 13301

Ion Ratio Lower Upper

91 100

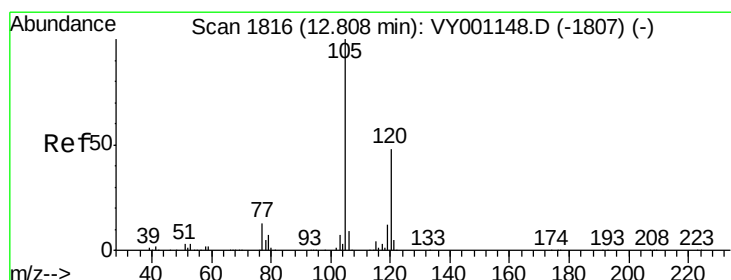
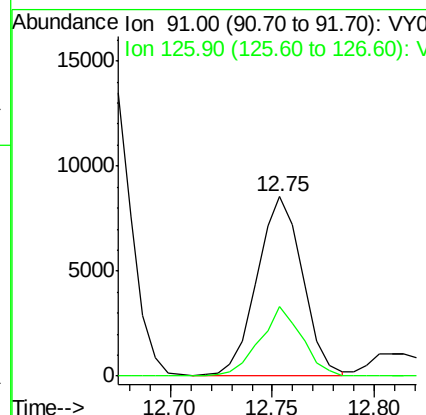
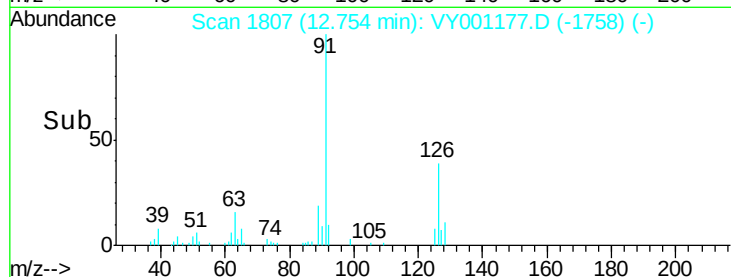
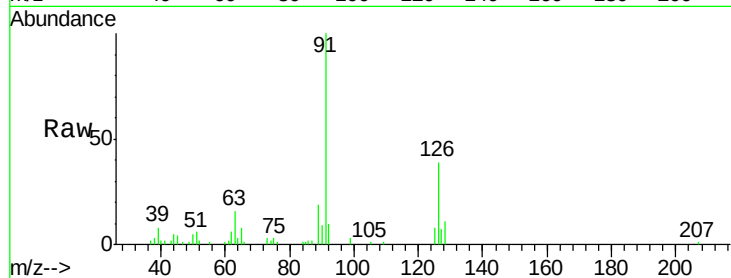
126 35.6 16.4 49.4

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#80

1,3,5-Trimethylbenzene

Concen: 52.700 ug/l

RT: 12.81 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VY001177.D

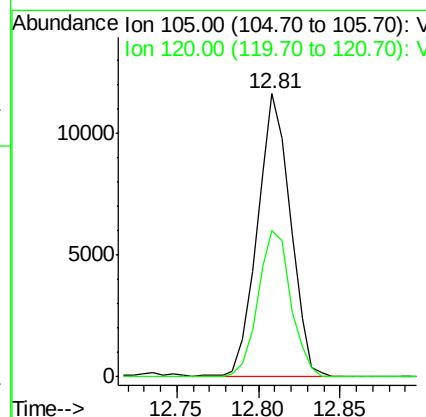
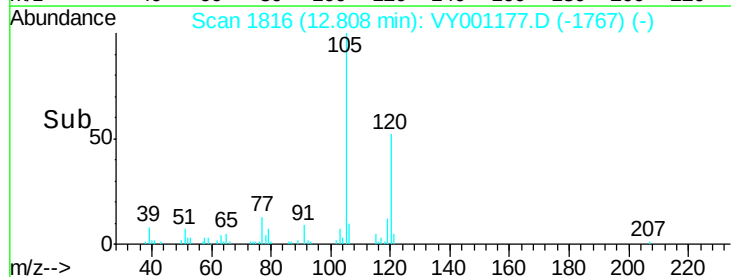
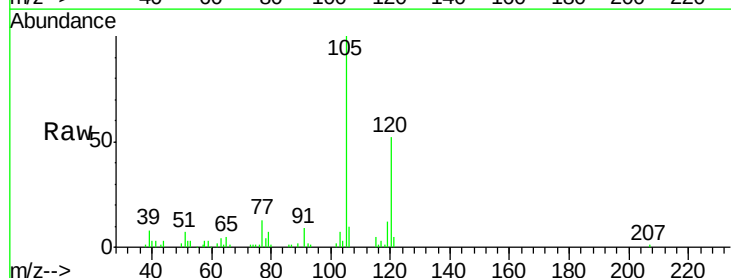
Acq: 13 Jan 2020 13:48

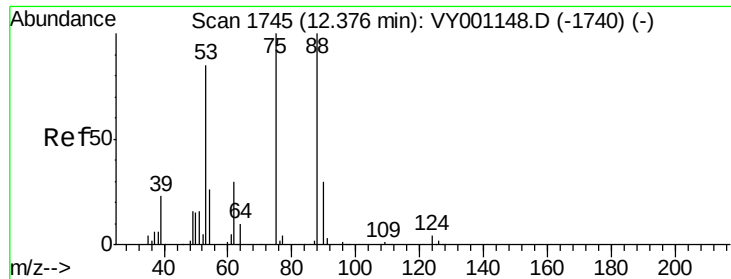
Tgt Ion: 105 Resp: 16439

Ion Ratio Lower Upper

105 100

120 51.1 24.2 72.6





#81

trans-1,4-Dichloro-2-butene

Concen: 21.374 ug/l

RT: 12.38 min Scan# 1745

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA\_Y

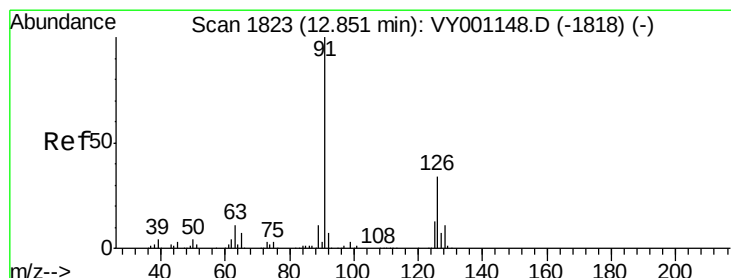
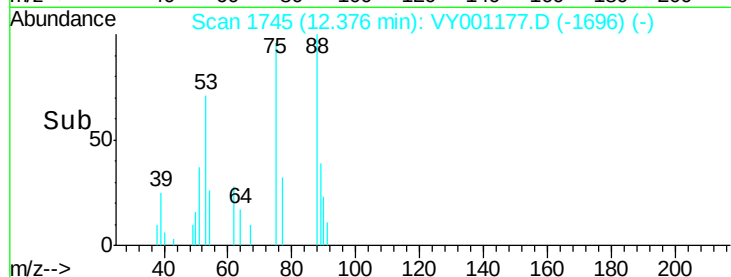
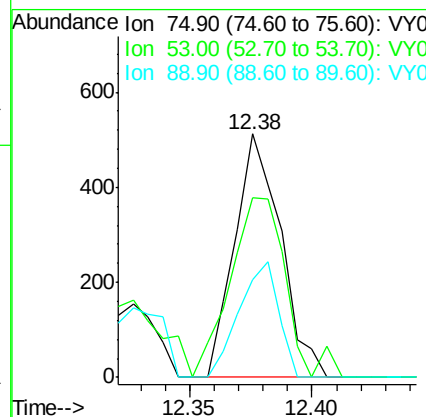
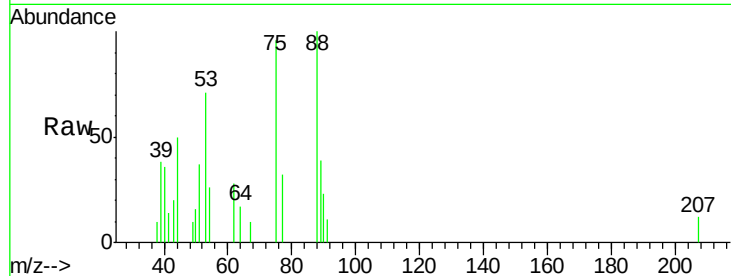
ClientSampleId :

CIY1-SB-04-0-2MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 75    | Resp: | 671   |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 53       | 88.8  | 69.4  | 104.2 |
| 89       | 40.7  | 0.0   | 0.0#  |

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#82

4-Chlorotoluene

Concen: 49.131 ug/l

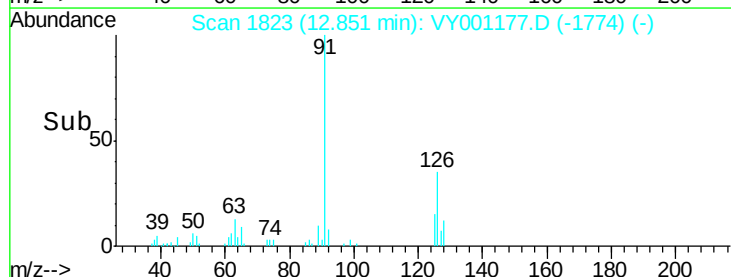
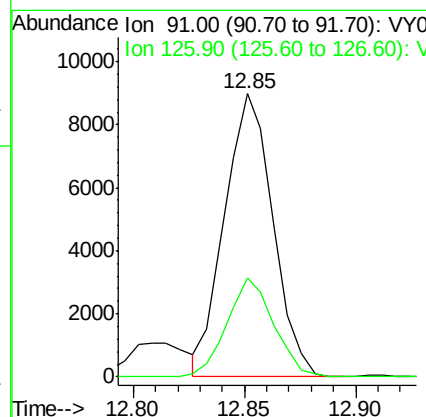
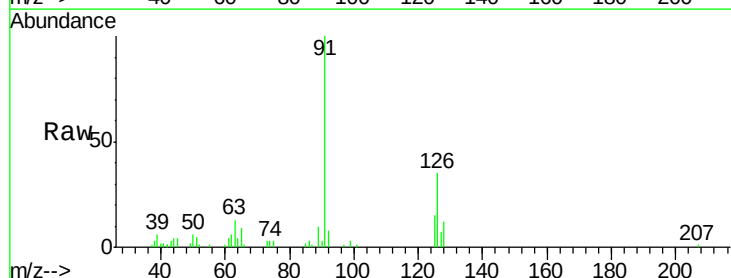
RT: 12.85 min Scan# 1823

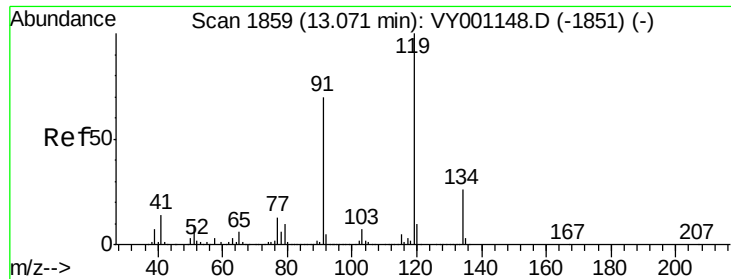
Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 91    | Resp: | 13546 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 126      | 33.8  | 16.3  | 48.8  |





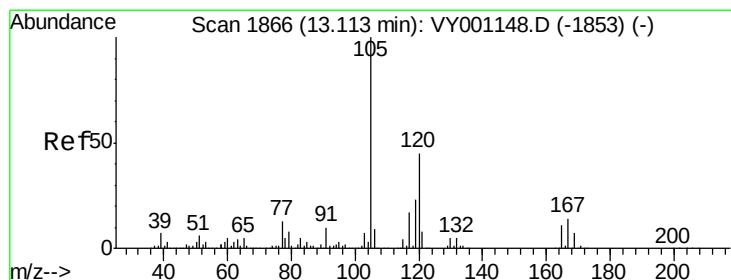
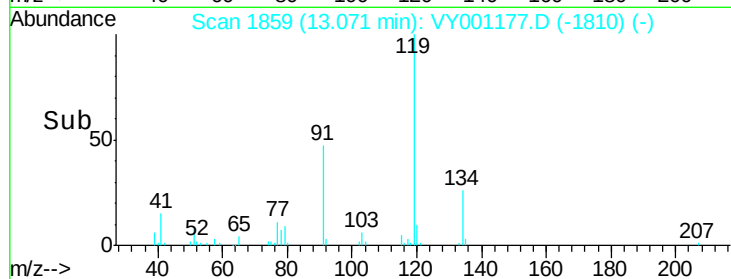
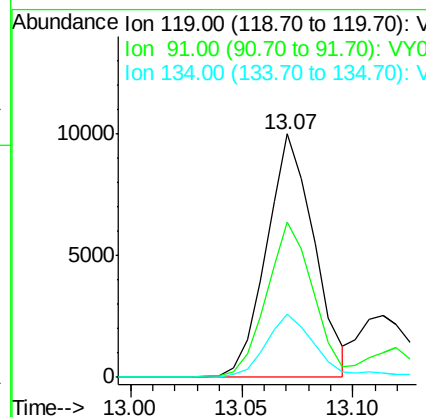
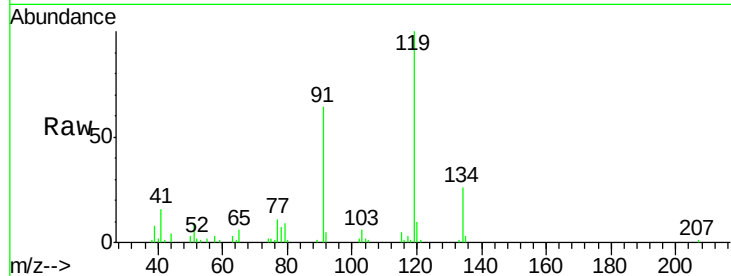
#83  
 tert-Butylbenzene  
 Concen: 56.594 ug/l  
 RT: 13.07 min Scan# 1859  
 Delta R.T. 0.00 min  
 Lab File: VY001177.D  
 Acq: 13 Jan 2020 13:48

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 CIY1-SB-04-0-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 63.4  | 33.9  | 101.7 |
| 134     | 25.8  | 13.5  | 40.4  |

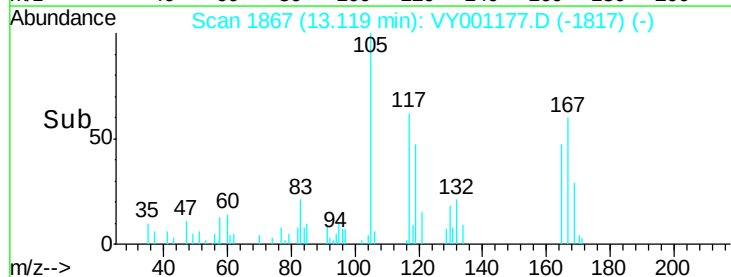
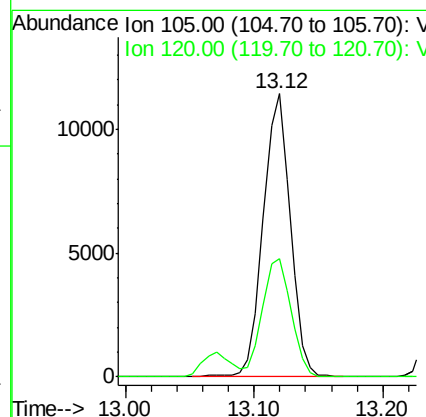
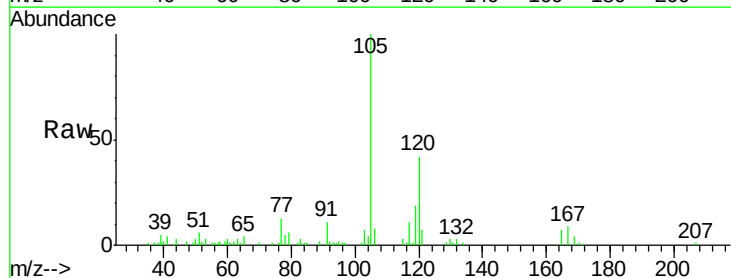
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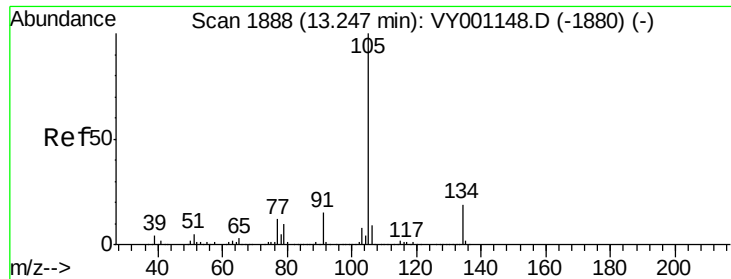
apatel  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 53.842 ug/l  
 RT: 13.12 min Scan# 1867  
 Delta R.T. 0.01 min  
 Lab File: VY001177.D  
 Acq: 13 Jan 2020 13:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 44.4  | 22.8  | 68.3  |





#85

sec-Butylbenzene

Concen: 52.043 ug/l

RT: 13.25 min Scan# 1889

Delta R.T. 0.01 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA\_Y

ClientSampleId :

CIY1-SB-04-0-2MSD

Tot Ion:105 Resp: 19624

Ion Ratio Lower Upper

105 100

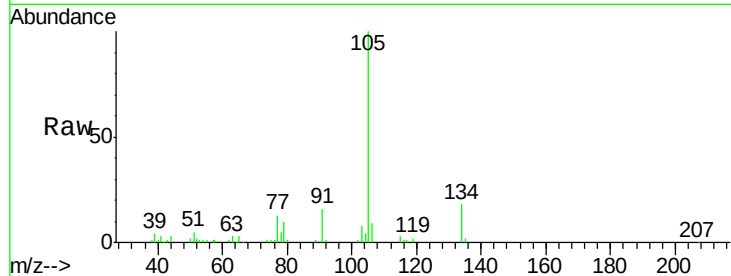
134 21.0 9.8 29.5

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.25

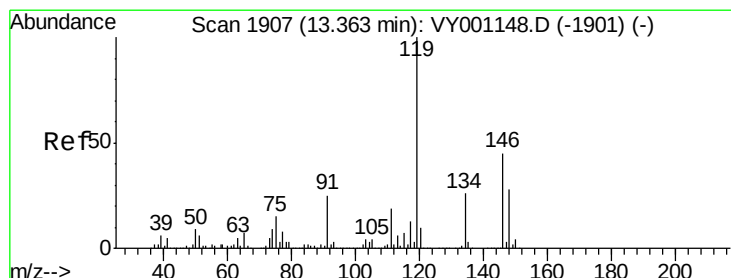
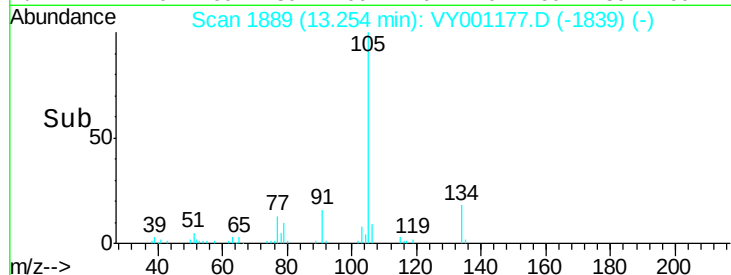
15000

10000

5000

0

Time-->



#86

p-Isopropyltoluene

Concen: 53.410 ug/l

RT: 13.37 min Scan# 1908

Delta R.T. 0.01 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

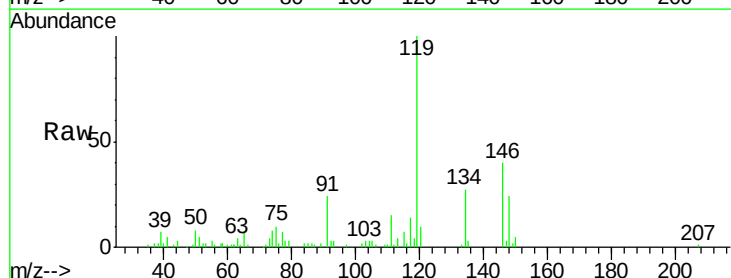
Tgt Ion:119 Resp: 17486

Ion Ratio Lower Upper

119 100

134 27.3 13.4 40.2

91 23.0 12.4 37.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VY0

13.37

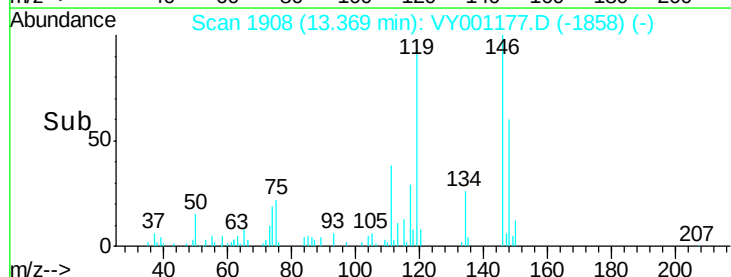
15000

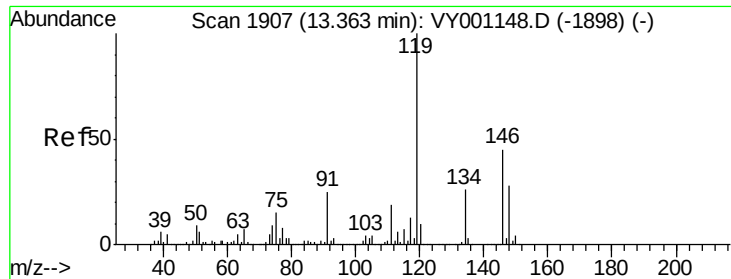
10000

5000

0

Time-->





#87

1,3-Dichlorobenzene

Concen: 52.513 ug/l

RT: 13.36 min Scan# 1907

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

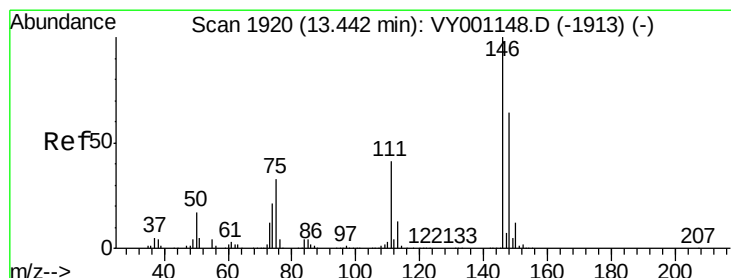
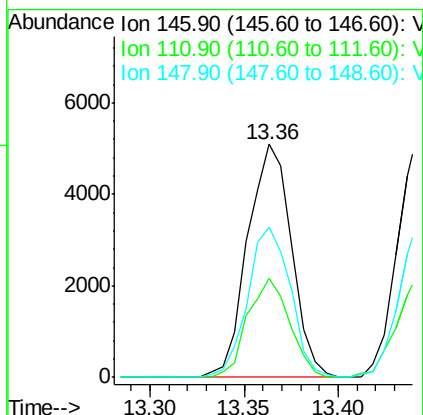
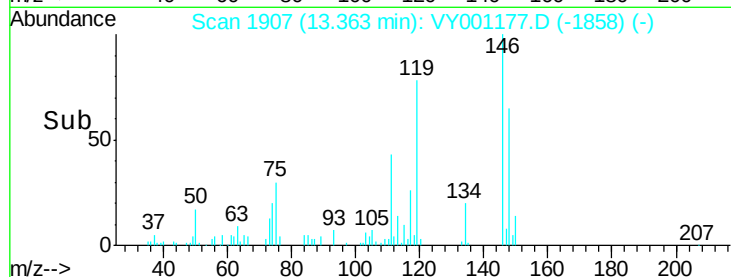
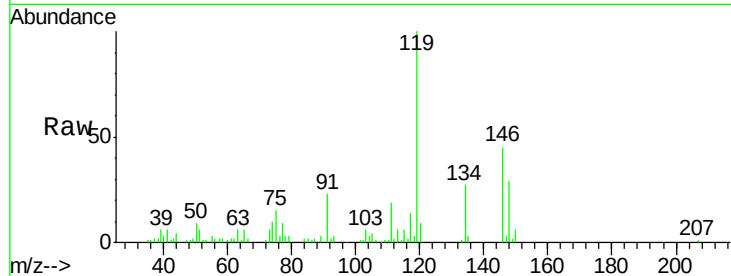
Instrument :  
MSVOA\_Y

ClientSampleId :  
CIY1-SB-04-0-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.5  | 21.3  | 64.0  |
| 148     | 62.8  | 31.9  | 95.5  |

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#88

1,4-Dichlorobenzene

Concen: 51.185 ug/l

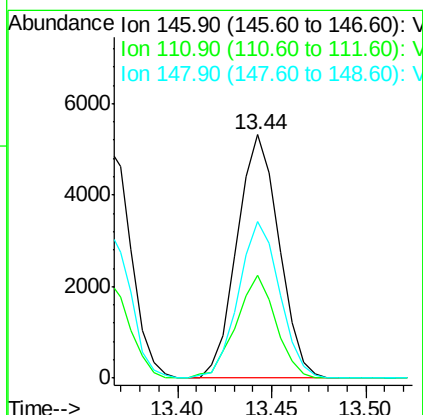
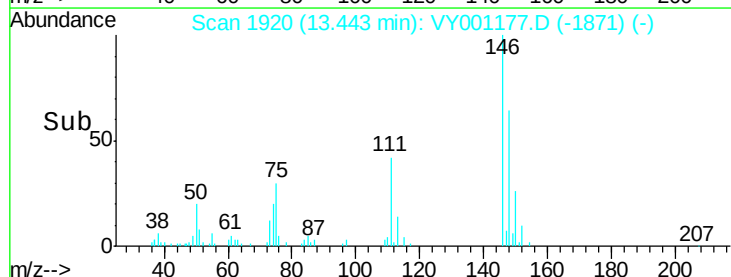
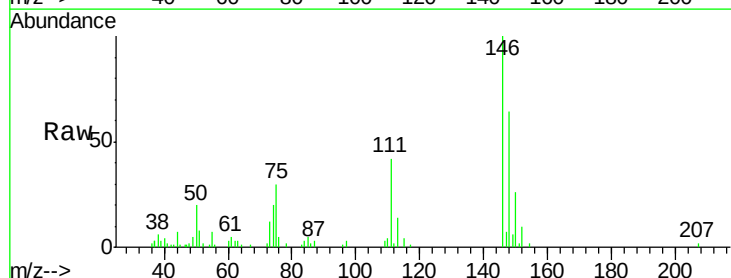
RT: 13.44 min Scan# 1920

Delta R.T. 0.00 min

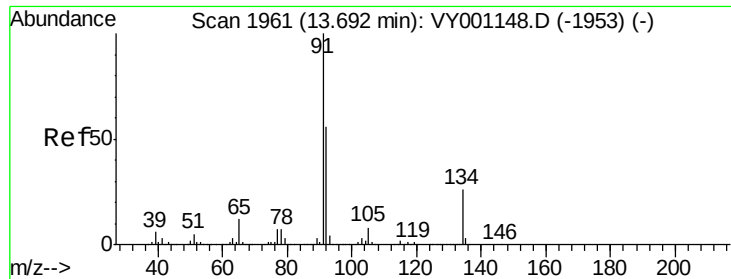
Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.9  | 20.8  | 62.5  |
| 148     | 63.1  | 32.0  | 96.2  |







#89

n-Butylbenzene

Concen: 49.211 ug/l

RT: 13.69 min Scan# 1961

Delta R.T. 0.00 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

Instrument :

MSVOA\_Y

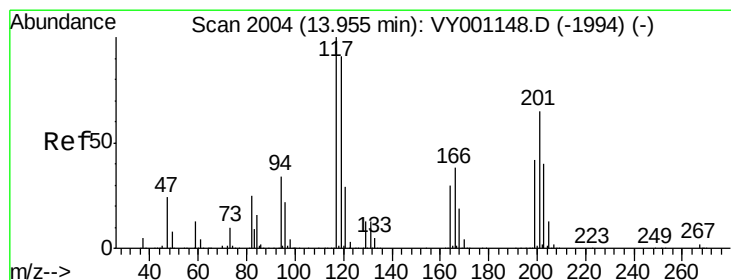
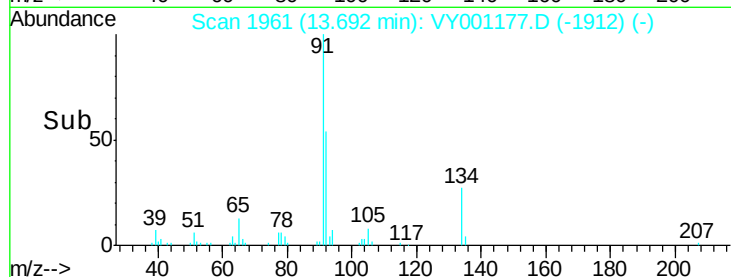
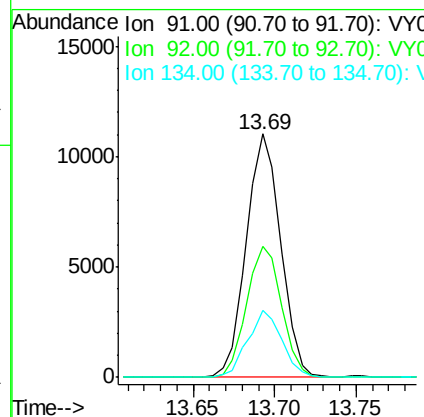
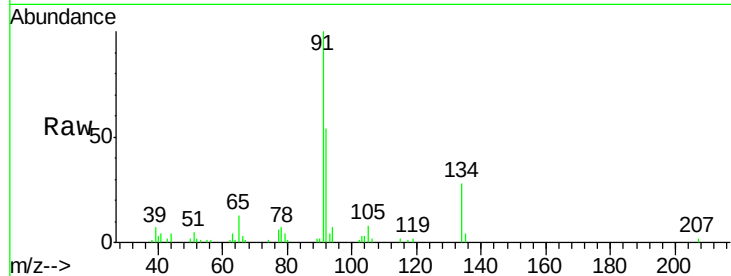
ClientSampleId :

CIY1-SB-04-0-2MSD

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 91    | Resp: | 16227 |
| Ion      | Ratio | Lower | Upper |
| 91       | 100   |       |       |
| 92       | 54.6  | 27.7  | 83.1  |
| 134      | 27.5  | 12.9  | 38.6  |

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#90

Hexachloroethane

Concen: 38.064 ug/l

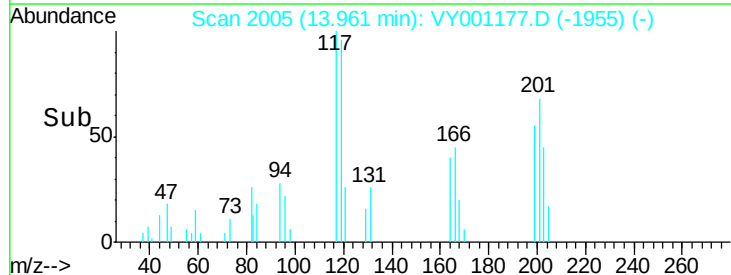
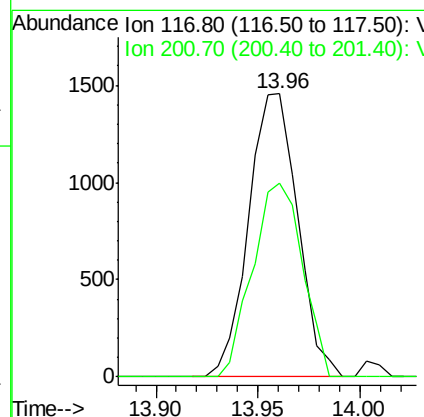
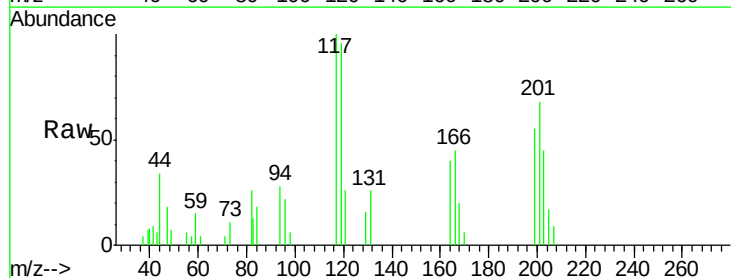
RT: 13.96 min Scan# 2005

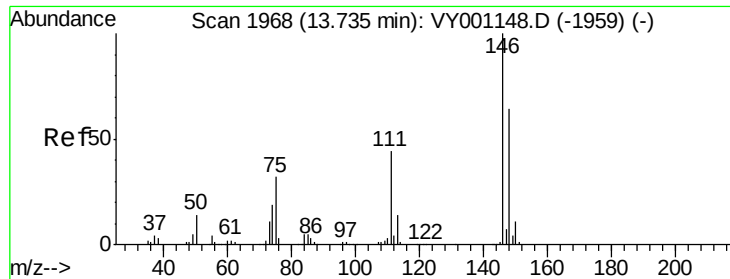
Delta R.T. 0.01 min

Lab File: VY001177.D

Acq: 13 Jan 2020 13:48

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 2435  |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 201      | 69.8  | 35.4  | 106.2 |





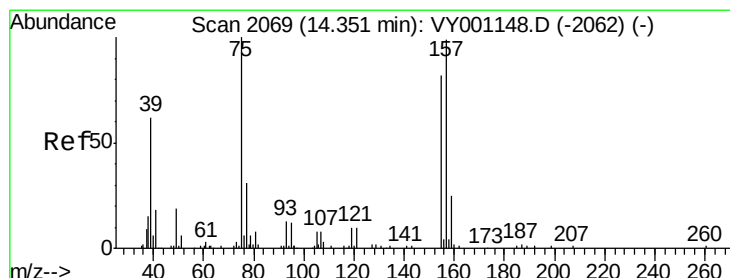
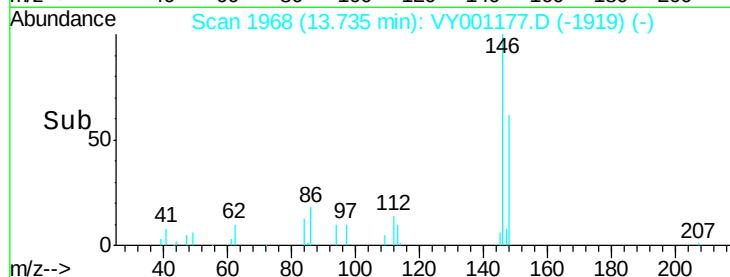
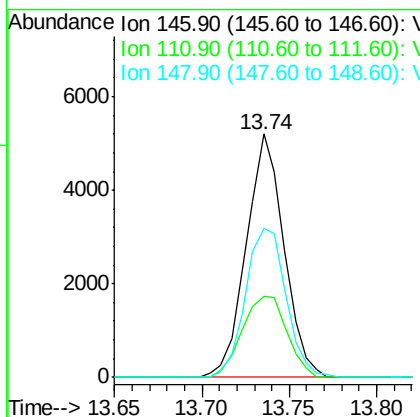
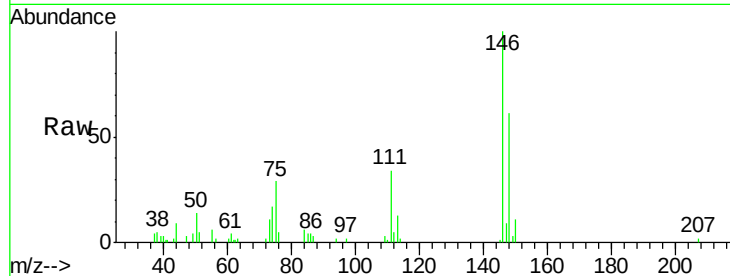
#91  
 1,2-Dichlorobenzene  
 Concen: 53.596 ug/l  
 RT: 13.74 min Scan# 1968  
 Delta R.T. 0.00 min  
 Lab File: VY001177.D  
 Acq: 13 Jan 2020 13:48

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 CIY1-SB-04-0-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.5  | 22.0  | 66.0  |
| 148     | 65.7  | 32.1  | 96.3  |

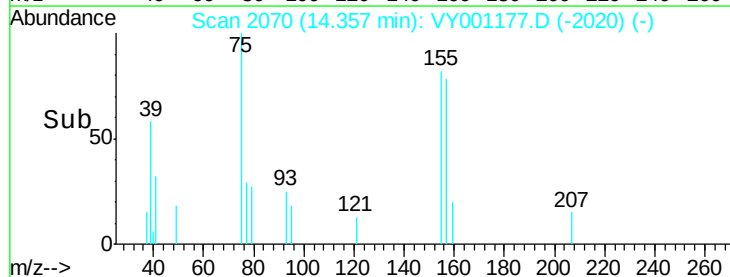
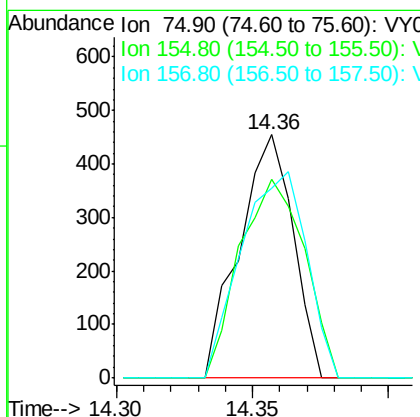
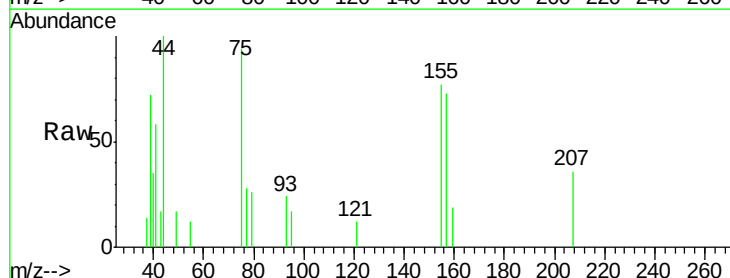
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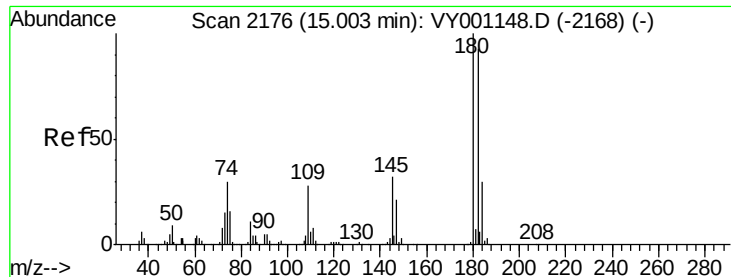
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 43.909 ug/l  
 RT: 14.36 min Scan# 2070  
 Delta R.T. 0.01 min  
 Lab File: VY001177.D  
 Acq: 13 Jan 2020 13:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 98.4  | 41.2  | 123.6 |
| 157     | 103.0 | 52.8  | 158.4 |





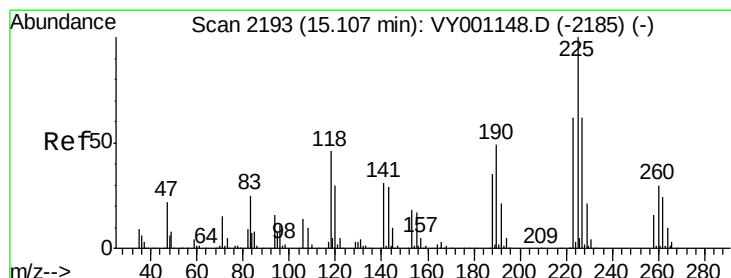
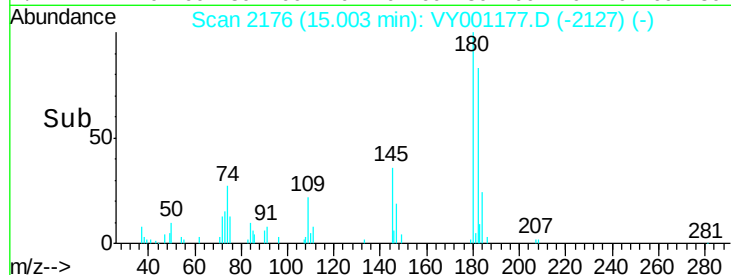
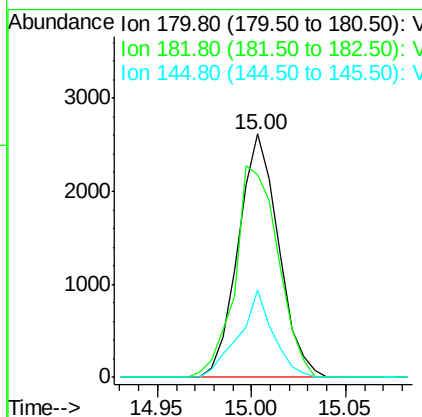
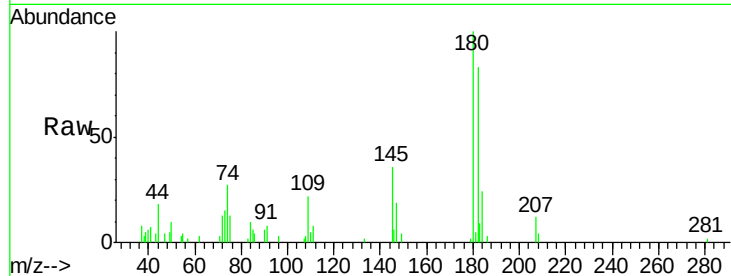
#93  
 1,2,4-Trichlorobenzene  
 Concen: 40.485 ug/l  
 RT: 15.00 min Scan# 2176  
 Delta R.T. 0.00 min  
 Lab File: VY001177.D  
 Acq: 13 Jan 2020 13:48

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 CIY1-SB-04-0-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 93.0  | 46.9  | 140.8 |
| 145     | 30.7  | 16.0  | 48.0  |

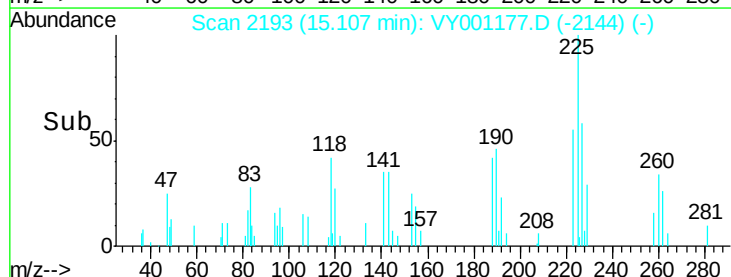
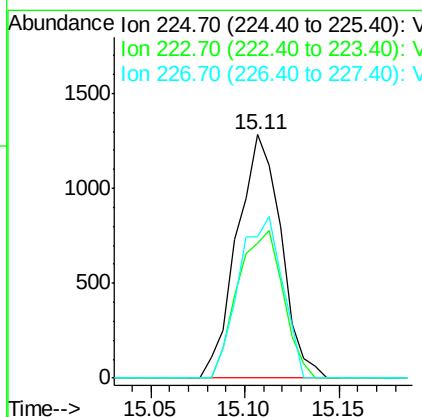
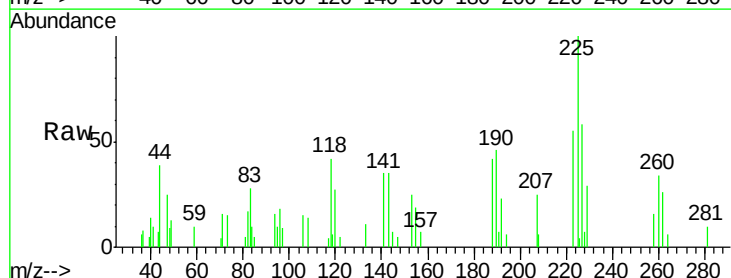
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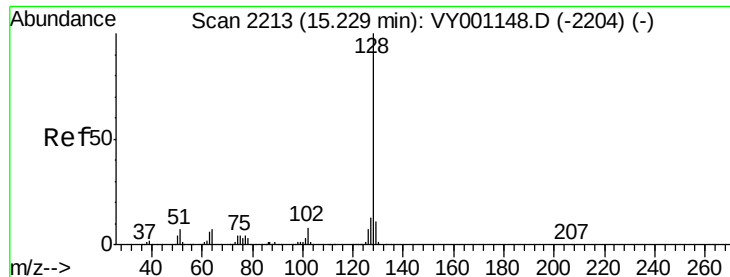
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#94  
 Hexachlorobutadiene  
 Concen: 43.262 ug/l  
 RT: 15.11 min Scan# 2193  
 Delta R.T. 0.00 min  
 Lab File: VY001177.D  
 Acq: 13 Jan 2020 13:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.1  | 31.1  | 93.3  |
| 227     | 65.3  | 31.3  | 93.9  |





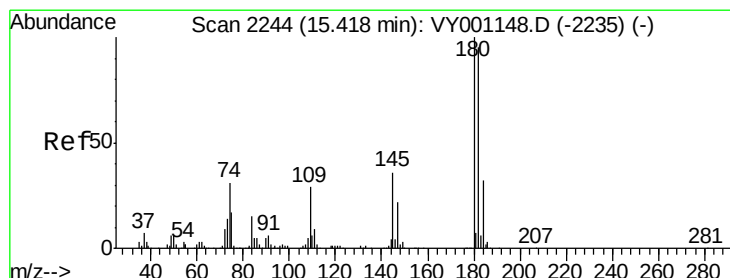
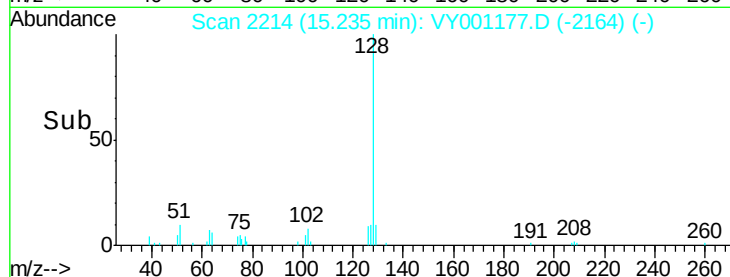
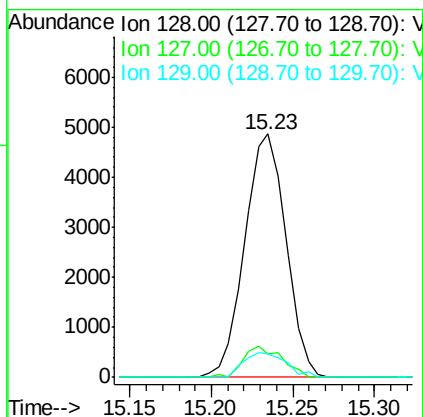
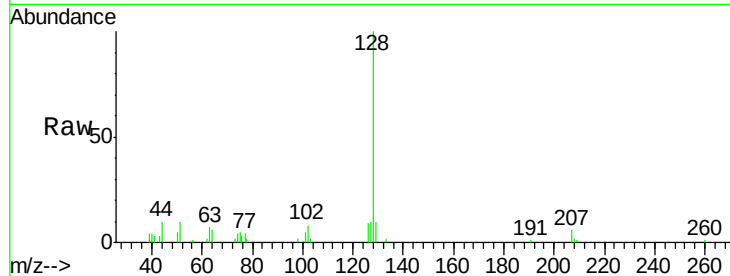
#95  
Naphthalene  
Concen: 38.274 ug/l  
RT: 15.23 min Scan# 2214  
Delta R.T. 0.01 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

Instrument :  
MSVOA\_Y  
ClientSampleId :  
CIY1-SB-04-0-2MSD

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 11.8  | 10.2  | 15.4  |
| 129     | 10.6  | 8.5   | 12.7  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 38.405 ug/l  
RT: 15.42 min Scan# 2244  
Delta R.T. 0.00 min  
Lab File: VY001177.D  
Acq: 13 Jan 2020 13:48

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.8  | 47.5  | 142.5 |
| 145     | 32.9  | 17.1  | 51.3  |

