

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY102819\  
 Data File : VY000461.D  
 Acq On : 28 Oct 2019 17:42  
 Operator : SY/MD  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

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 10/29/2019 2:06:10 PM

Quant Time: Oct 29 10:37:34 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y101119S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 17 02:03:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.80  | 168  | 184844   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.70  | 114  | 313192   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.49 | 117  | 293208   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.42 | 152  | 147095   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.16   | 65  | 107383   | 55.07 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 110.14% |      |
| 35) Dibromofluoromethane  | 7.73   | 113 | 99497    | 52.67 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.34% |      |
| 50) Toluene-d8            | 10.18  | 98  | 379247   | 52.19 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.38% |      |
| 62) 4-Bromofluorobenzene  | 12.48  | 95  | 141388   | 51.21 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.42% |      |

## Target Compounds

|                               |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.90 | 85  | 53890   | 35.660  | ug/l | 94     |
| 3) Chloromethane              | 2.12 | 50  | 97082   | 42.981  | ug/l | 96     |
| 4) Vinyl Chloride             | 2.25 | 62  | 90418   | 39.665  | ug/l | 96     |
| 5) Bromomethane               | 2.65 | 94  | 62564   | 37.033  | ug/l | 92     |
| 6) Chloroethane               | 2.79 | 64  | 64618   | 43.933  | ug/l | 96     |
| 7) Trichlorofluoromethane     | 3.13 | 101 | 144078  | 46.206  | ug/l | 99     |
| 8) Diethyl Ether              | 3.53 | 74  | 58185   | 52.820  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 3.90 | 101 | 89982   | 47.583  | ug/l | 100    |
| 10) Methyl Iodide             | 4.10 | 142 | 94394   | 35.399  | ug/l | 99     |
| 11) Tert butyl alcohol        | 4.96 | 59  | 48837   | 239.339 | ug/l | 98     |
| 12) 1,1-Dichloroethene        | 3.88 | 96  | 84860   | 45.456  | ug/l | 91     |
| 13) Acrolein                  | 3.74 | 56  | 43862   | 183.349 | ug/l | 97     |
| 14) Allyl chloride            | 4.49 | 41  | 148527  | 48.009  | ug/l | 99     |
| 15) Acrylonitrile             | 5.18 | 53  | 160564  | 260.418 | ug/l | 99     |
| 16) Acetone                   | 3.96 | 43  | 148010  | 234.403 | ug/l | 98     |
| 17) Carbon Disulfide          | 4.19 | 76  | 226113  | 38.468  | ug/l | 98     |
| 18) Methyl Acetate            | 4.49 | 43  | 80791   | 51.496  | ug/l | 96     |
| 19) Methyl tert-butyl Ether   | 5.24 | 73  | 284163  | 54.679  | ug/l | 98     |
| 20) Methylene Chloride        | 4.72 | 84  | 115220  | 54.664  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 5.22 | 96  | 102237  | 47.733  | ug/l | 98     |
| 22) Diisopropyl ether         | 6.13 | 45  | 355055  | 54.262  | ug/l | 93     |
| 23) Vinyl Acetate             | 6.07 | 43  | 1130260 | 264.773 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 6.04 | 63  | 183371  | 51.341  | ug/l | 99     |
| 25) 2-Butanone                | 7.00 | 43  | 223396  | 251.151 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 6.99 | 77  | 155659  | 47.297  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 7.00 | 96  | 121927  | 52.608  | ug/l | 95     |
| 28) Bromochloromethane        | 7.35 | 49  | 83989   | 54.779  | ug/l | 99     |
| 29) Tetrahydrofuran           | 7.36 | 42  | 140572  | 260.770 | ug/l | 99     |
| 30) Chloroform                | 7.52 | 83  | 192288  | 53.460  | ug/l | 98     |
| 31) Cyclohexane               | 7.80 | 56  | 160391  | 42.996  | ug/l | 97     |
| 32) 1,1,1-Trichloroethane     | 7.71 | 97  | 164312  | 51.384  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 7.93 | 75  | 140654  | 45.870  | ug/l | 99     |
| 37) Ethyl Acetate             | 7.09 | 43  | 88395   | 48.685  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 7.91 | 117 | 144995  | 48.837  | ug/l | 96     |

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 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_Y  
**Client SampleID :**  
 VSTDCCC050EC

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 10/29/2019 2:06:10 PM

Quant Time: Oct 29 10:37:34 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_Y\METHODS\82Y101119S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 17 02:03:07 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.19  | 83   | 176139   | 43.889   | ug/l   | 97       |
| 40) Benzene                    | 8.17  | 78   | 426529   | 48.133   | ug/l   | 96       |
| 41) Methacrylonitrile          | 7.34  | 41   | 55211m   | 63.883   | ug/l   |          |
| 42) 1,2-Dichloroethane         | 8.25  | 62   | 131021   | 51.761   | ug/l   | 98       |
| 43) Isopropyl Acetate          | 8.28  | 43   | 176696   | 51.182   | ug/l   | 99       |
| 44) Trichloroethene            | 8.95  | 130  | 116235   | 46.749   | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.22  | 63   | 112608   | 51.783   | ug/l   | 94       |
| 46) Dibromomethane             | 9.32  | 93   | 63858    | 52.530   | ug/l   | 95       |
| 47) Bromodichloromethane       | 9.50  | 83   | 154309   | 53.861   | ug/l   | 93       |
| 48) Methyl methacrylate        | 9.30  | 41   | 79361    | 52.454   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.30  | 88   | 18695    | 1025.665 | ug/l   | 97       |
| 51) 4-Methyl-2-Pentanone       | 10.08 | 43   | 479782   | 269.449  | ug/l   | 99       |
| 52) Toluene                    | 10.25 | 92   | 279248   | 49.635   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.47 | 75   | 167313   | 54.493   | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 9.94  | 75   | 183432   | 52.607   | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 10.65 | 97   | 93684    | 53.003   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.51 | 69   | 134933   | 53.559   | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.80 | 76   | 166827   | 54.959   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.79  | 63   | 323755   | 322.180  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.83 | 43   | 345058   | 276.084  | ug/l   | 99       |
| 60) Dibromochloromethane       | 10.99 | 129  | 107454   | 54.849   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.09 | 107  | 88899    | 52.383   | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.72 | 164  | 117575   | 42.121   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.52 | 112  | 305633   | 49.391   | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.59 | 131  | 111860   | 51.460   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.60 | 91   | 550548   | 47.994   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.70 | 106  | 420371   | 95.861   | ug/l   | 99       |
| 69) o-Xylene                   | 12.03 | 106  | 206430   | 49.345   | ug/l   | 97       |
| 70) Styrene                    | 12.05 | 104  | 355197   | 50.345   | ug/l   | 98       |
| 71) Bromoform                  | 12.21 | 173  | 67587    | 54.087   | ug/l # | 97       |
| 73) Isopropylbenzene           | 12.33 | 105  | 534924   | 46.639   | ug/l   | 100      |
| 74) N-amyl acetate             | 12.14 | 43   | 162394   | 57.674   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.58 | 83   | 114813   | 53.315   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.63 | 75   | 102322m  | 56.570   | ug/l   |          |
| 77) Bromobenzene               | 12.61 | 156  | 125777   | 49.281   | ug/l   | 96       |
| 78) n-propylbenzene            | 12.67 | 91   | 649247   | 47.146   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.75 | 91   | 363386   | 47.782   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 12.81 | 105  | 455905   | 47.404   | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 12.38 | 75   | 38282    | 46.308   | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 12.85 | 91   | 389800   | 48.488   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.08 | 119  | 397681   | 48.828   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.12 | 105  | 467380   | 49.239   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.25 | 105  | 557911   | 47.353   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.37 | 119  | 500671   | 48.743   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.36 | 146  | 246141   | 48.948   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.45 | 146  | 248637   | 49.468   | ug/l   | 98       |
| 89) n-Butylbenzene             | 13.70 | 91   | 486358   | 47.914   | ug/l   | 99       |
| 90) Hexachloroethane           | 13.96 | 117  | 95872    | 50.405   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.74 | 146  | 234443   | 51.517   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.36 | 75   | 20816    | 50.967   | ug/l   | 92       |

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 Sample : VSTDCCC050  
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 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
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Quant Time: Oct 29 10:37:34 2019  
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 Quant Title : SW846 8260  
 QLast Update : Thu Oct 17 02:03:07 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.00 | 180  | 154243   | 48.681 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.11 | 225  | 80346    | 46.858 | ug/l  | 99       |
| 95) Naphthalene            | 15.23 | 128  | 348631   | 49.306 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.42 | 180  | 141987   | 49.723 | ug/l  | 98       |

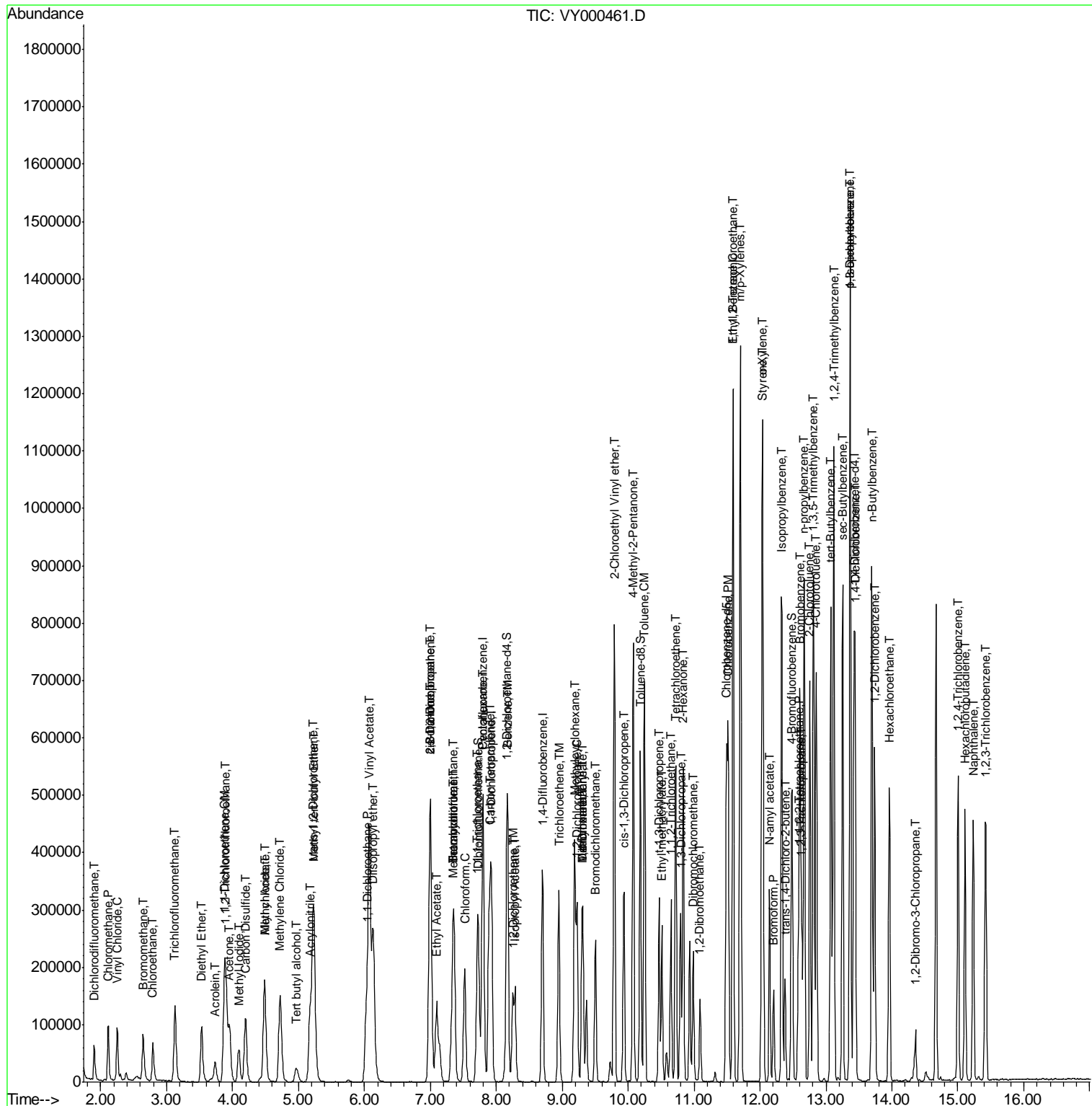
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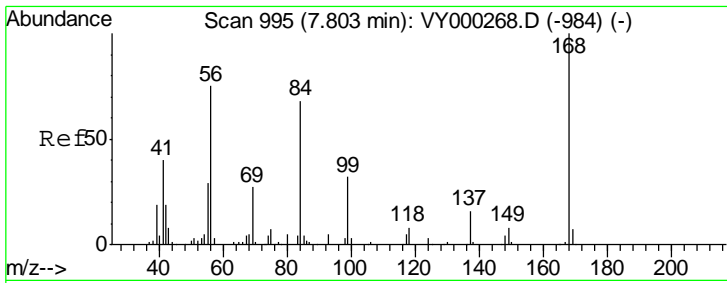
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Instrument :  
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 Client Sampled :  
 VSTDCCC050EC

Manual Integrations  
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 Response via : Initial Calibration





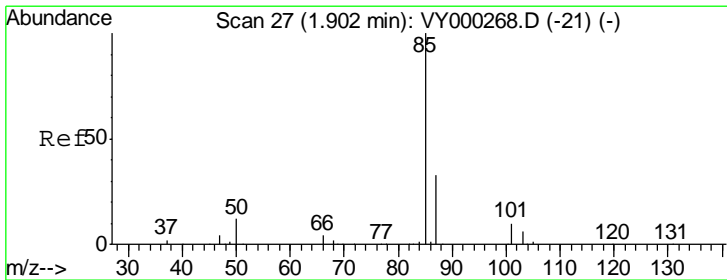
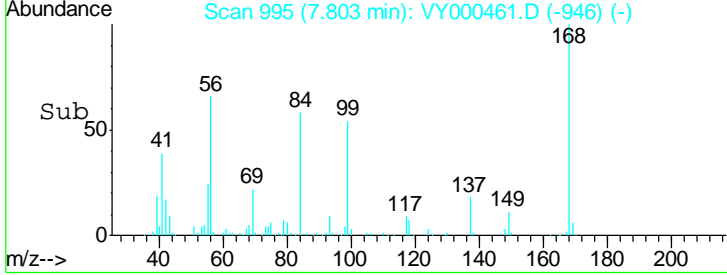
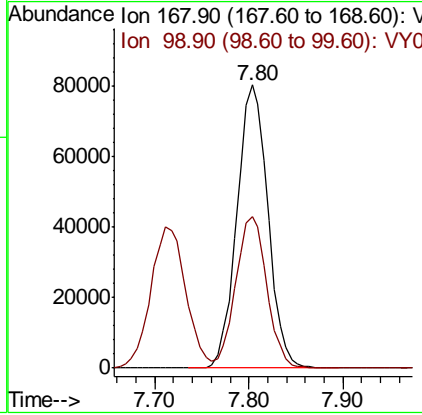
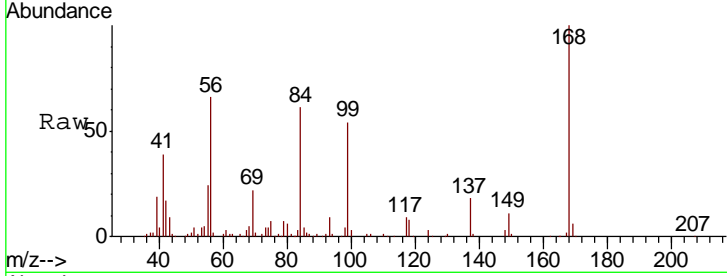
#1  
 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 7.80 min Scan# 995  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument : MSVOA\_Y  
 ClientSampleId : VSTDCCC050EC

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 168     | 100  |       |       |
| 99      | 53.7 | 46.6  | 69.8  |

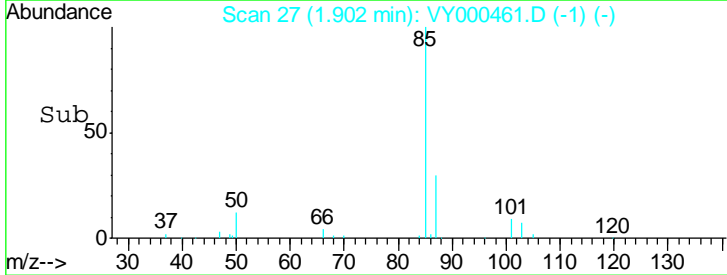
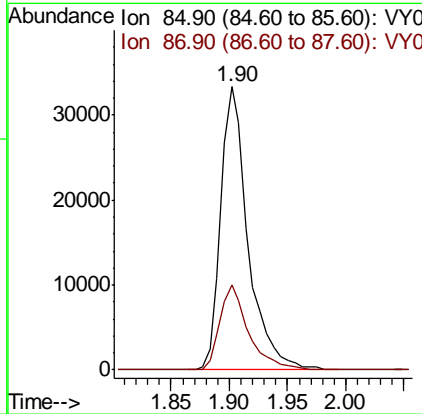
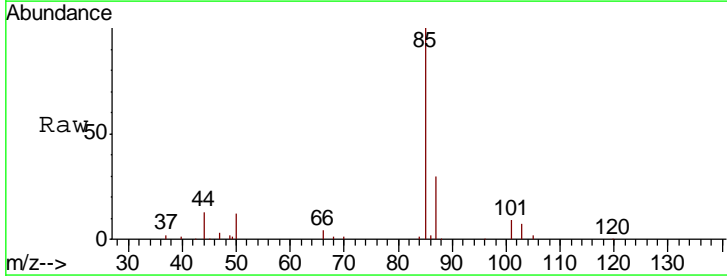
Manual Integrations  
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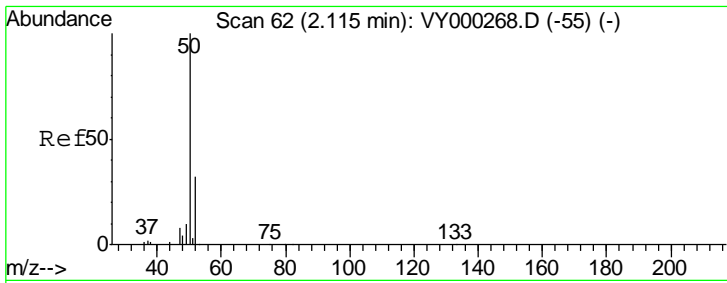
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#2  
 Dichlorodifluoromethane  
 Concen: 35.660 ug/l  
 RT: 1.90 min Scan# 27  
 Delta R.T. 0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 85      | 100  |       |       |
| 87      | 30.0 | 16.6  | 49.8  |





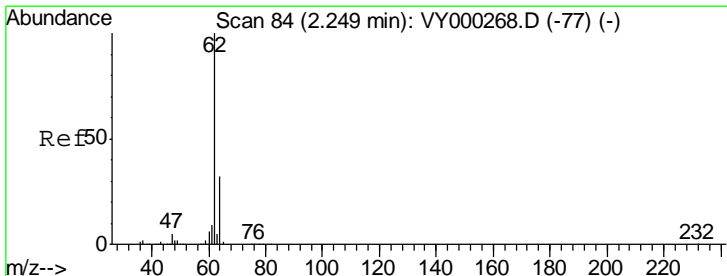
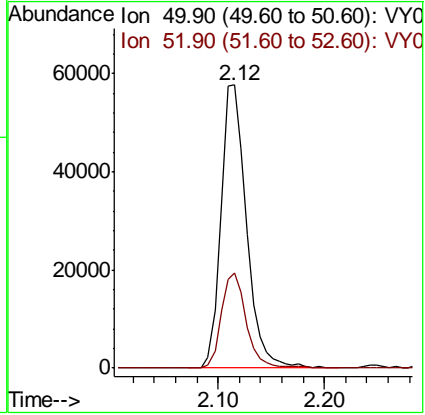
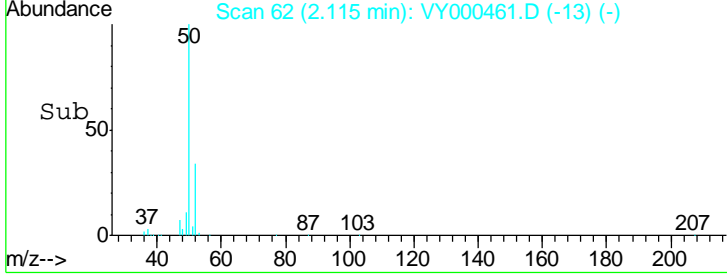
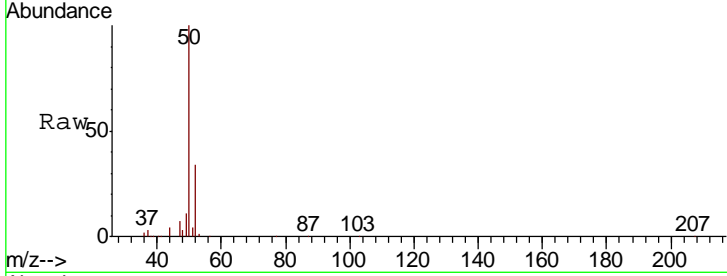
#3  
 Chloromethane  
 Concen: 42.981 ug/l  
 RT: 2.12 min Scan# 62  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument :  
 MSVOA\_Y  
 ClientSampled :  
 VSTDCCC050EC

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 50      | 100  |       |       |
| 52      | 33.8 | 25.3  | 37.9  |

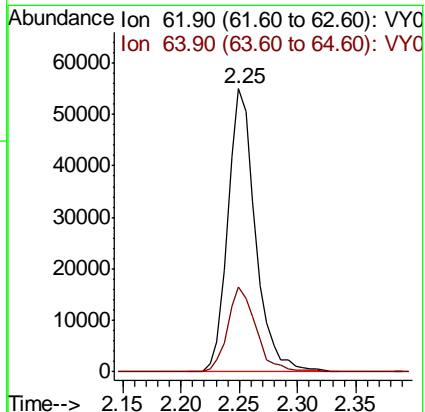
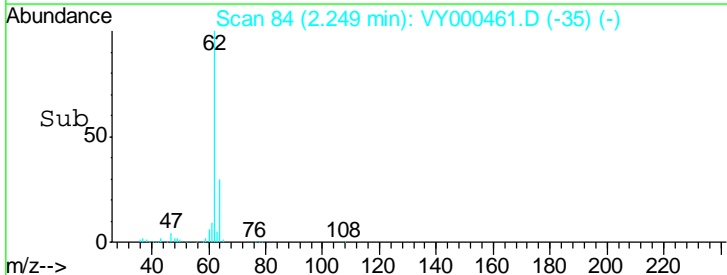
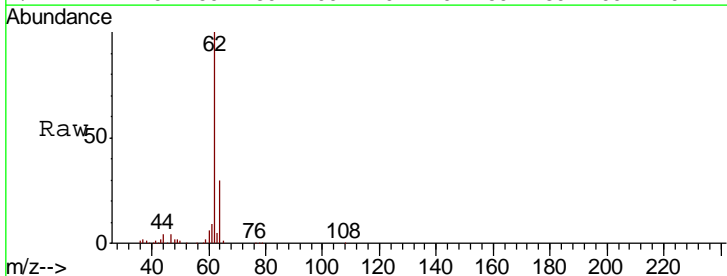
Manual Integrations  
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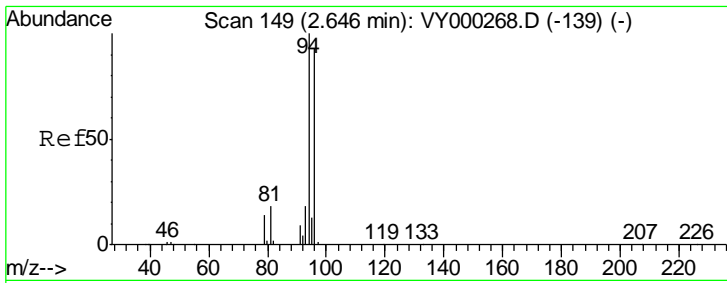
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#4  
 Vinyl Chloride  
 Concen: 39.665 ug/l  
 RT: 2.25 min Scan# 84  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 62      | 100  |       |       |
| 64      | 29.9 | 25.6  | 38.4  |





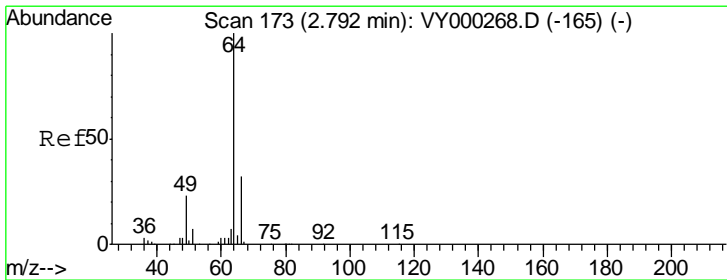
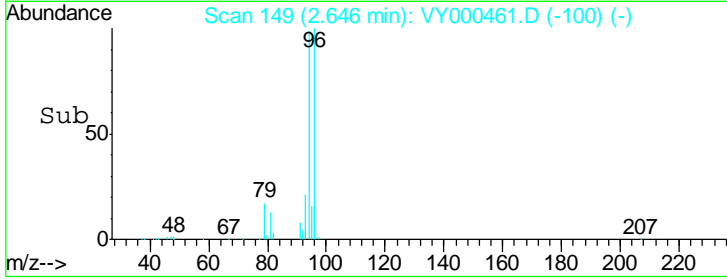
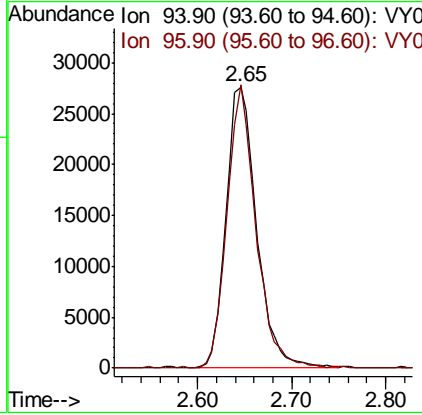
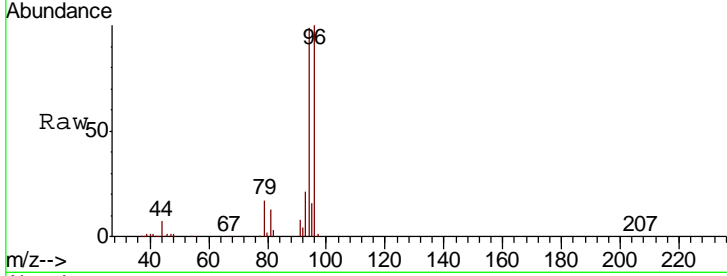
#5  
 Bromomethane  
 Concen: 37.033 ug/l  
 RT: 2.65 min Scan# 149  
 Delta R.T. 0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument :  
 MSVOA\_Y  
 ClientSampled :  
 VSTDCCC050EC

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 100   |       |       |
| 96      | 100.7 | 74.2  | 111.2 |

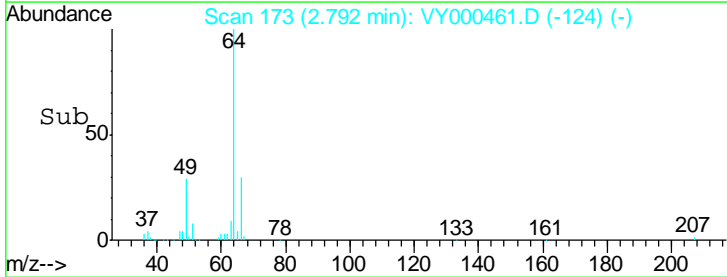
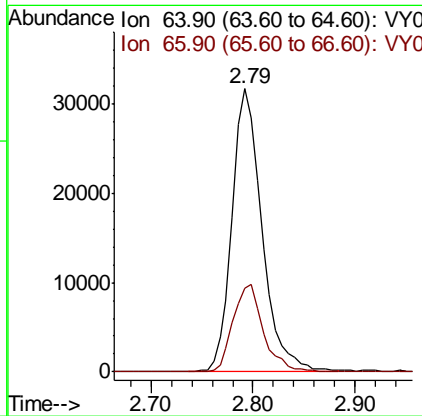
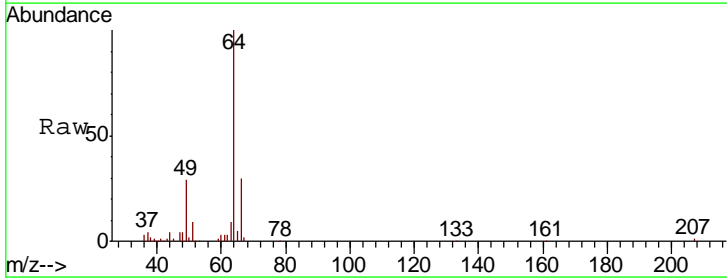
Manual Integrations  
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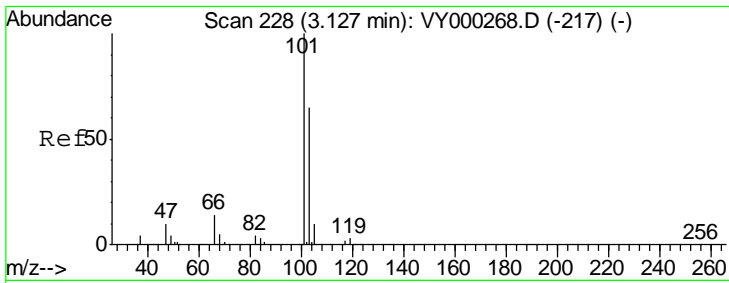
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#6  
 Chloroethane  
 Concen: 43.933 ug/l  
 RT: 2.79 min Scan# 173  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 64      | 100  |       |       |
| 66      | 29.5 | 25.6  | 38.4  |





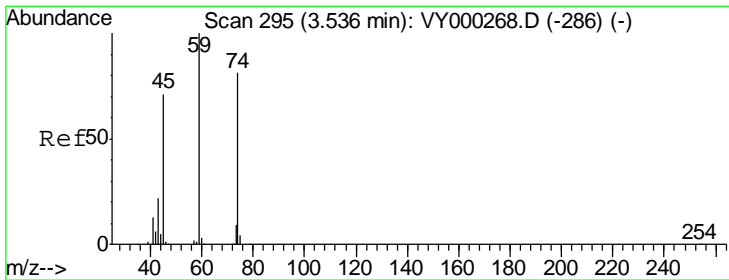
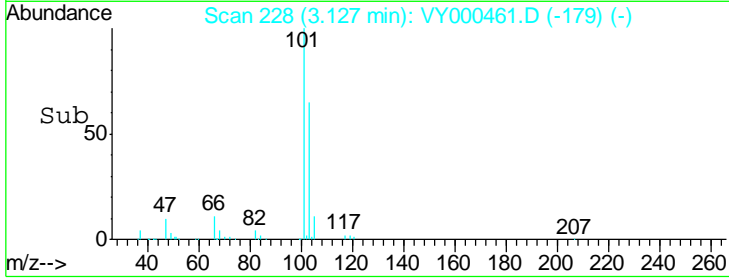
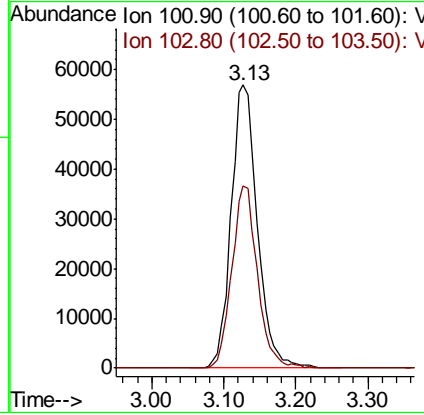
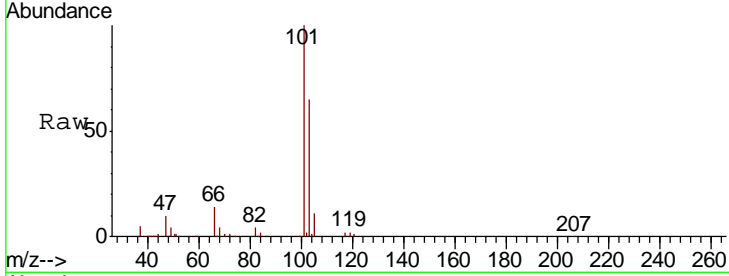
#7  
 Trichlorofluoromethane  
 Concen: 46.206 ug/l  
 RT: 3.13 min Scan# 228  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument : MSVOA\_Y  
 ClientSampled : VSTDCCC050EC

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 101     | 144078 |       |       |
| 103     | 64.6   | 52.2  | 78.4  |

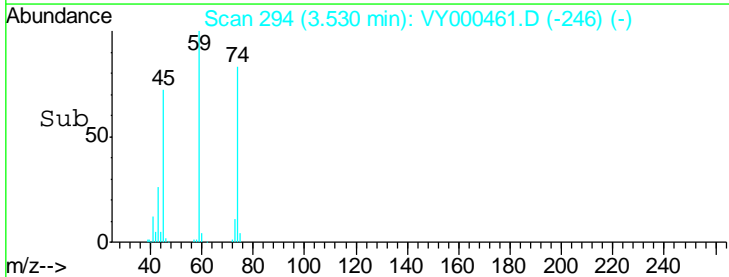
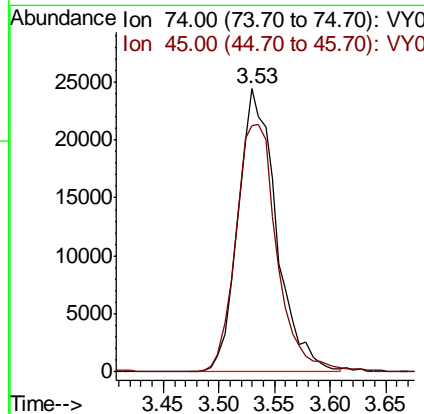
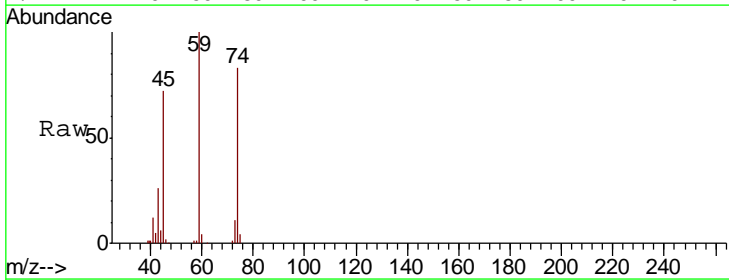
Manual Integrations  
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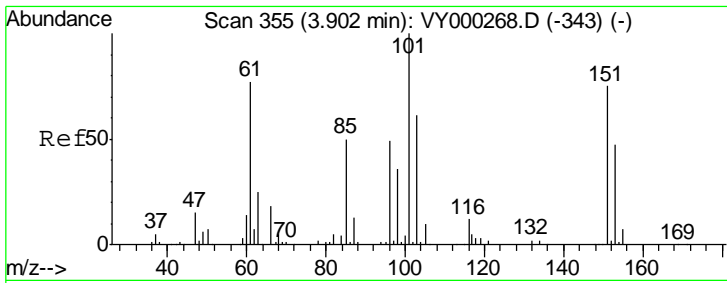


#8  
 Diethyl Ether  
 Concen: 52.820 ug/l  
 RT: 3.53 min Scan# 294  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 58185 |       |       |
| 45      | 93.9  | 47.1  | 141.4 |





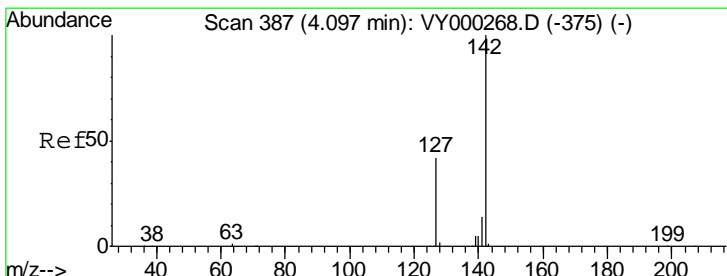
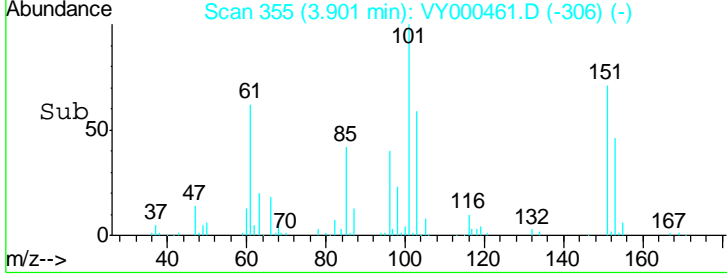
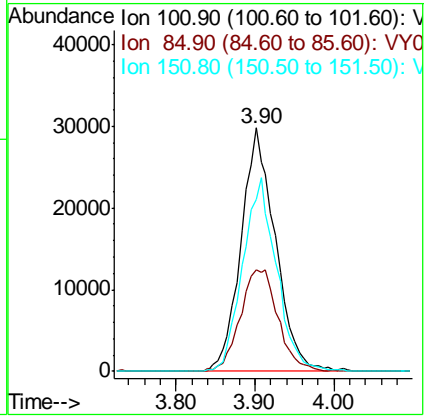
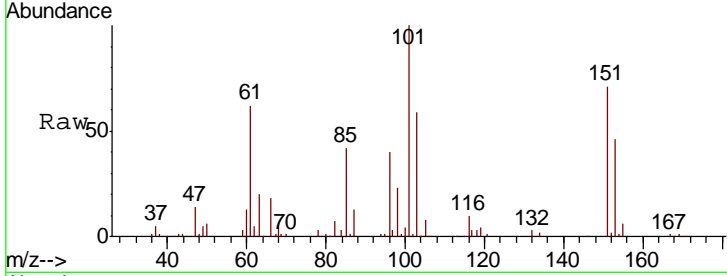


#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 47.583 ug/l  
 RT: 3.90 min Scan# 355  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument : MSVOA\_Y  
 ClientSampled : VSTDCCC050EC

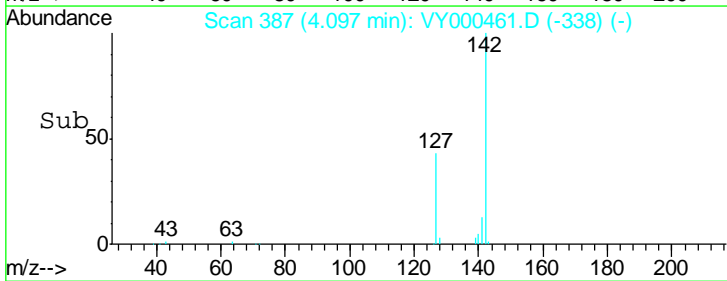
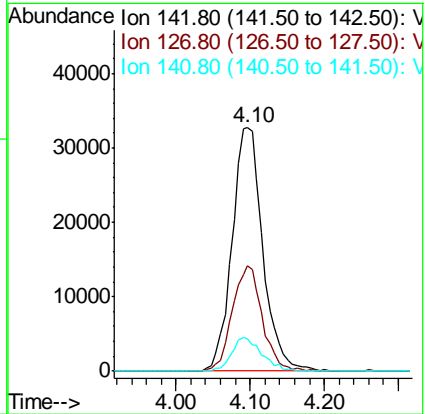
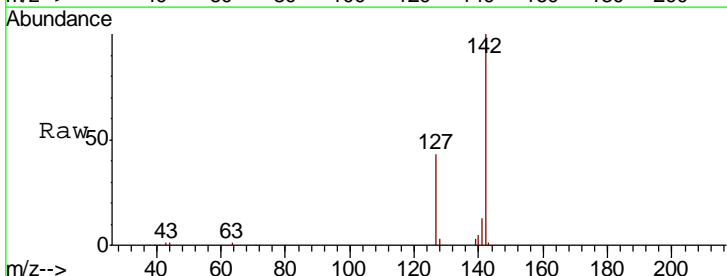
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 101     | 100  |       |       |
| 85      | 46.0 | 36.6  | 55.0  |
| 151     | 78.5 | 63.1  | 94.7  |

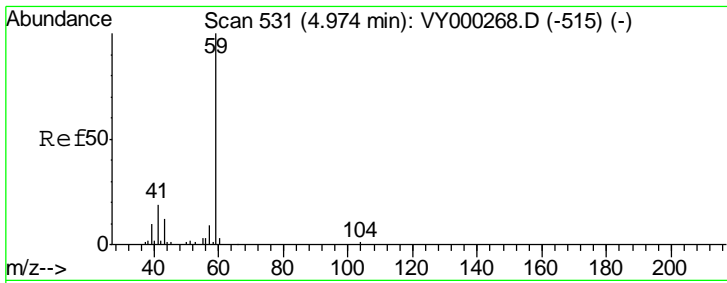
Manual Integrations  
**APPROVED**  
 MMDadoda  
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#10  
 Methyl Iodide  
 Concen: 35.399 ug/l  
 RT: 4.10 min Scan# 387  
 Delta R.T. 0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 142     | 100  |       |       |
| 127     | 42.0 | 33.9  | 50.9  |
| 141     | 13.4 | 11.2  | 16.8  |





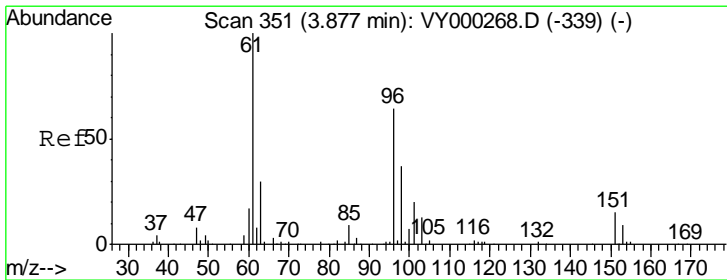
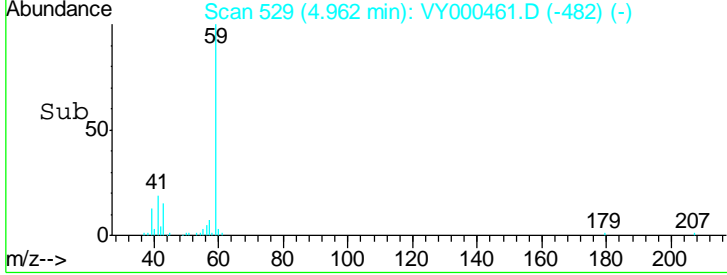
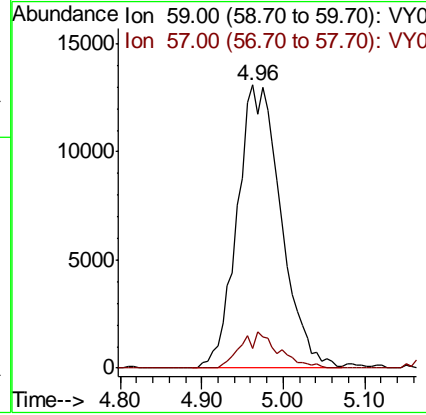
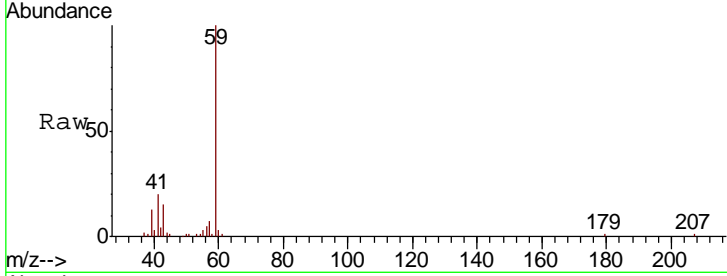
#11  
 Tert butyl alcohol  
 Concen: 239.339 ug/l  
 RT: 4.96 min Scan# 529  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument : MSVOA\_Y  
 ClientSampleId : VSTDCCC050EC

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 48837 |       |       |
| 57      | 11.1  | 8.2   | 12.2  |

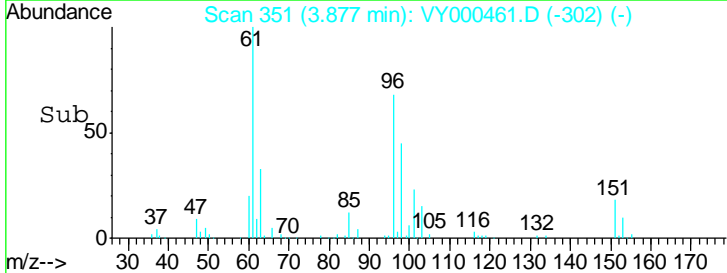
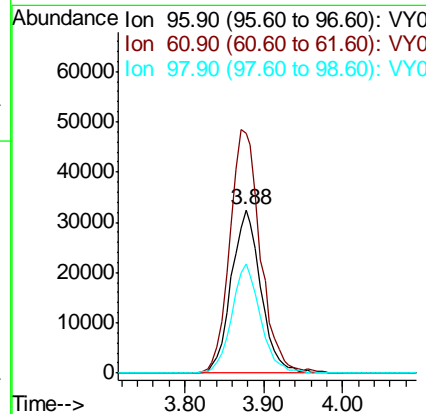
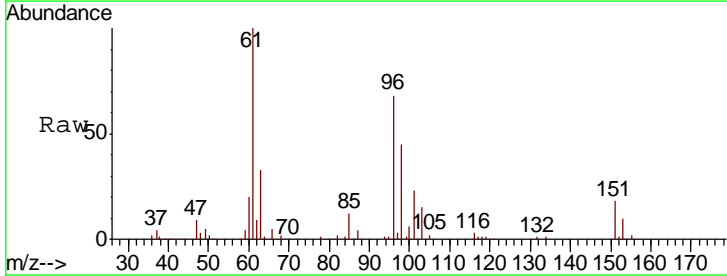
Manual Integrations  
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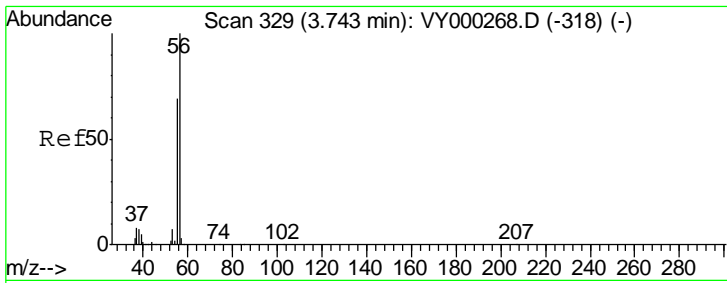
MMDadoda  
 10/29/2019 2:06:10 PM



#12  
 1,1-Dichloroethene  
 Concen: 45.456 ug/l  
 RT: 3.88 min Scan# 351  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 84860 |       |       |
| 61      | 146.5 | 125.8 | 188.6 |
| 98      | 66.4  | 46.2  | 69.2  |





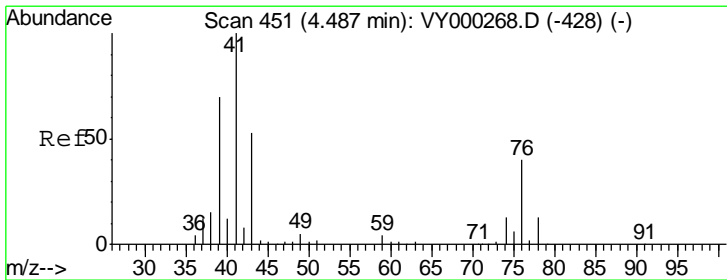
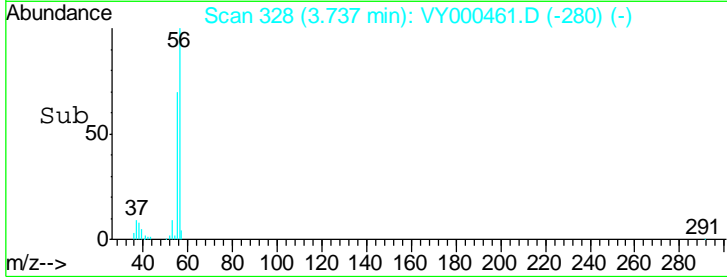
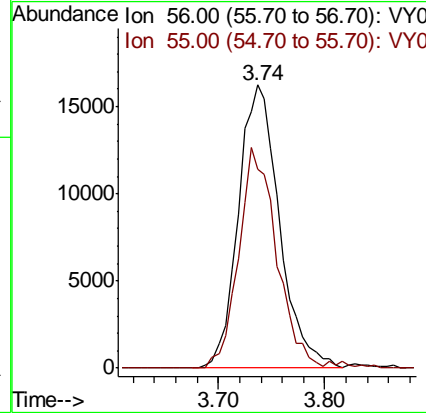
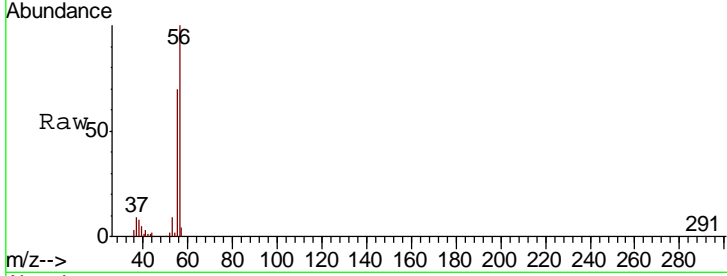
#13  
 Acrolein  
 Concen: 183.349 ug/l  
 RT: 3.74 min Scan# 328  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument :  
 MSVOA\_Y  
 ClientSampled :  
 VSTDCCC050EC

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 43862 |       |       |
| 55      | 71.7  | 55.7  | 83.5  |

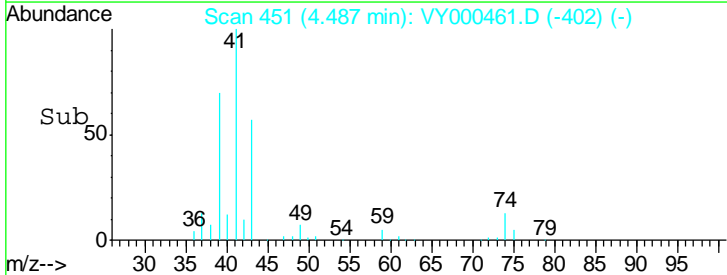
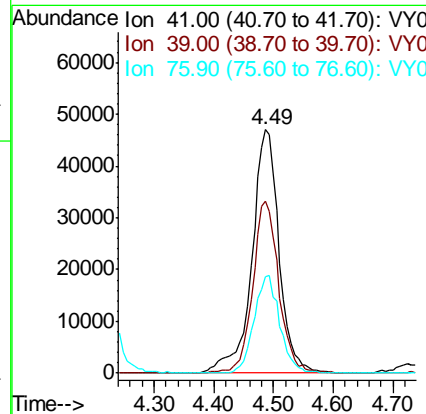
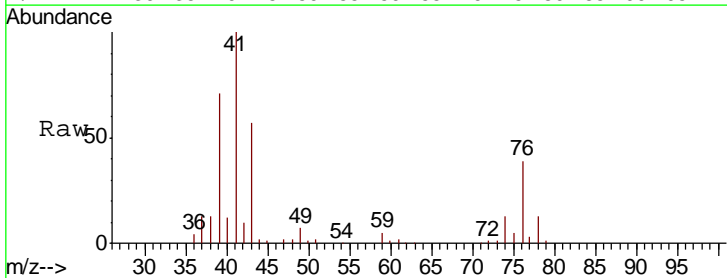
Manual Integrations  
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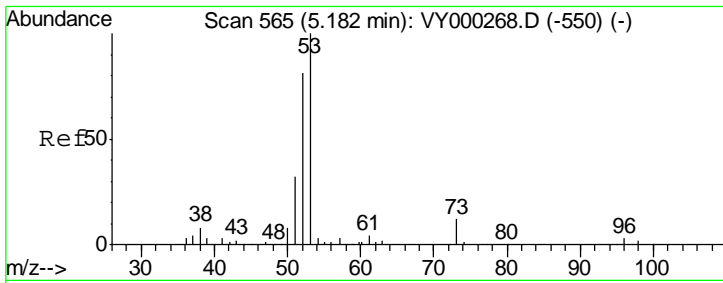
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#14  
 Allyl chloride  
 Concen: 48.009 ug/l  
 RT: 4.49 min Scan# 451  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 41      | 148527 |       |       |
| 39      | 68.1   | 54.0  | 81.0  |
| 76      | 37.7   | 30.7  | 46.1  |





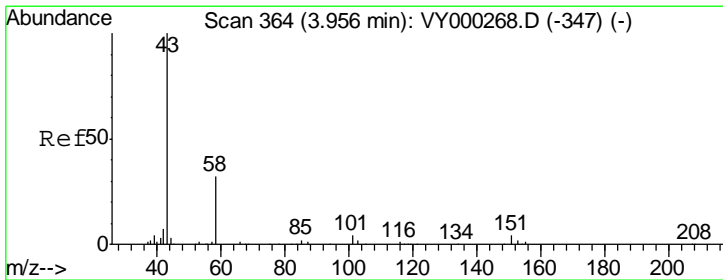
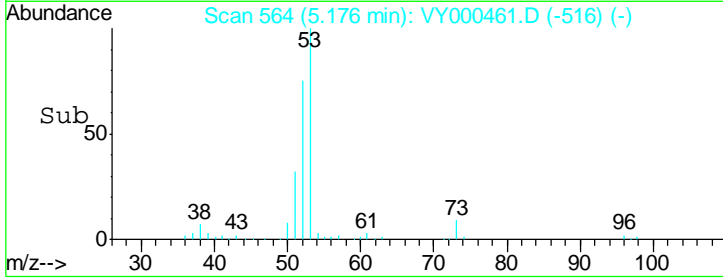
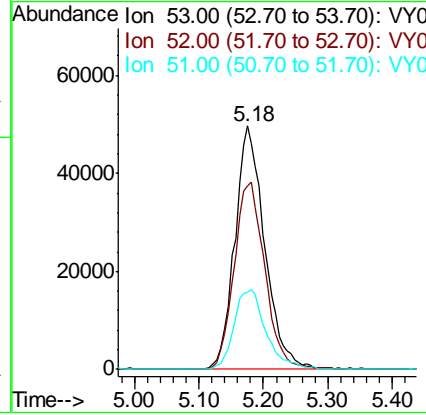
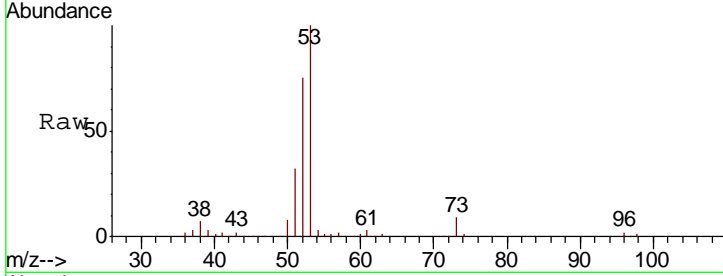
#15  
 Acrylonitrile  
 Concen: 260.418 ug/l  
 RT: 5.18 min Scan# 564  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

**Instrument :**  
 MSVOA\_Y  
**ClientSampled :**  
 VSTDCCC050EC

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 53      | 100  |       |       |
| 52      | 79.0 | 62.9  | 94.3  |
| 51      | 35.2 | 26.9  | 40.3  |

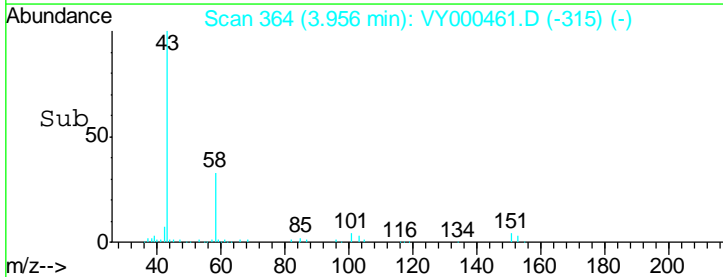
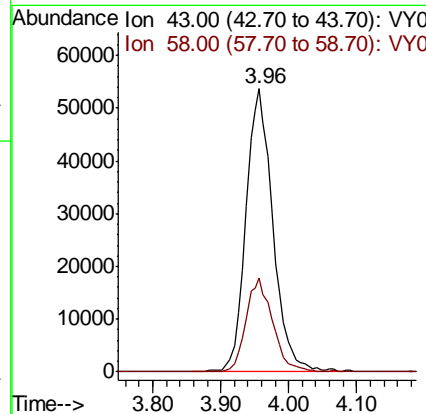
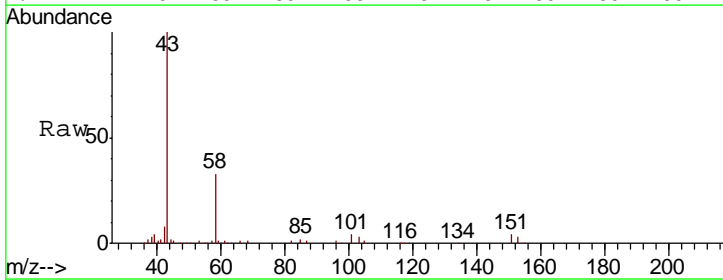
**Manual Integrations**  
**APPROVED**

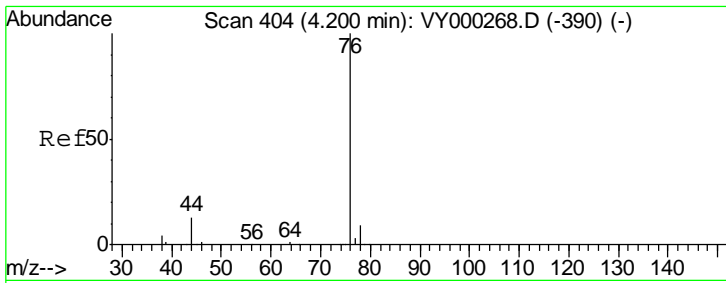
MMDadoda  
 10/29/2019 2:06:10 PM



#16  
 Acetone  
 Concen: 234.403 ug/l  
 RT: 3.96 min Scan# 364  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 43      | 100  |       |       |
| 58      | 33.1 | 25.8  | 38.6  |



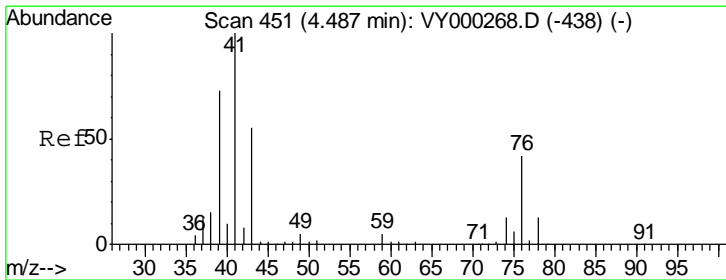
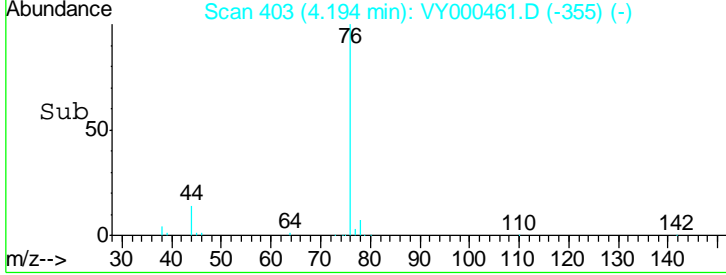
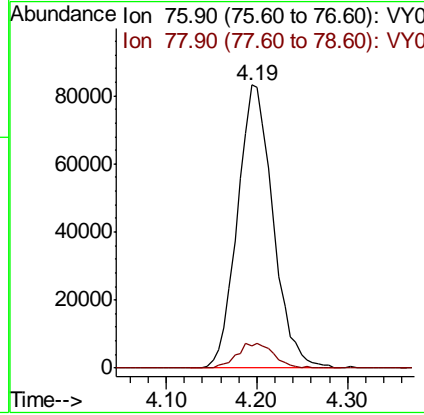
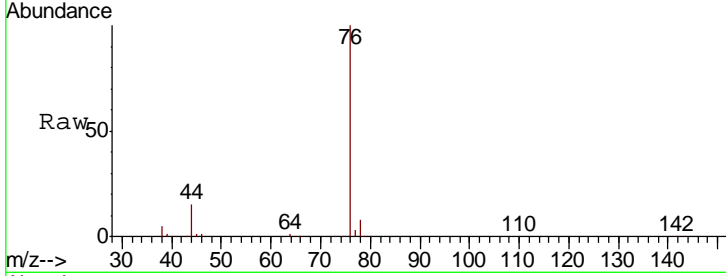


#17  
 Carbon Disulfide  
 Concen: 38.468 ug/l  
 RT: 4.19 min Scan# 403  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

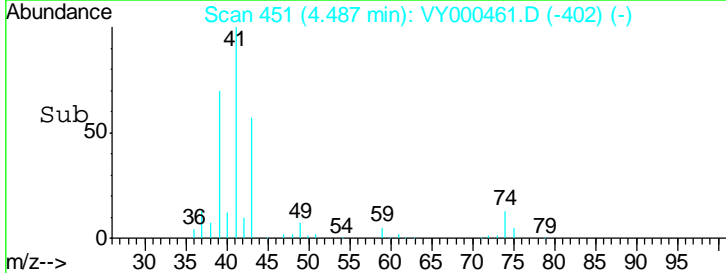
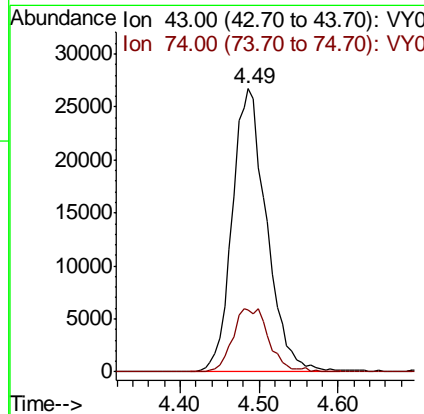
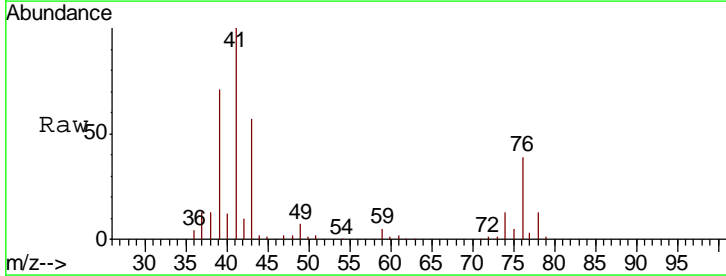
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 76      | 226113 |       |       |
| 76      | 100    |       |       |
| 78      | 7.9    | 7.0   | 10.4  |

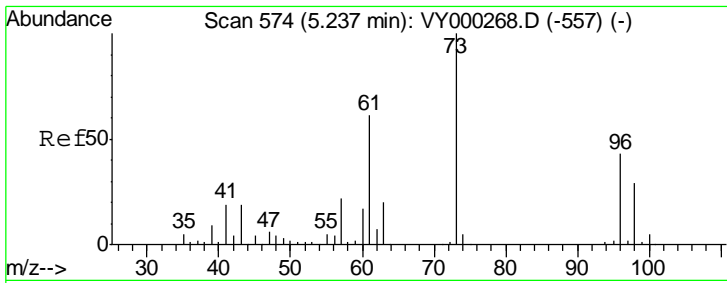
Manual Integrations  
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 MMDadoda  
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#18  
 Methyl Acetate  
 Concen: 51.496 ug/l  
 RT: 4.49 min Scan# 451  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 80791 |       |       |
| 43      | 100   |       |       |
| 74      | 23.6  | 20.4  | 30.6  |





#19  
Methyl tert-butyl Ether  
Concen: 54.679 ug/l  
RT: 5.24 min Scan# 574  
Delta R.T. -0.00 min  
Lab File: VY000461.D  
Acq: 28 Oct 2019 17:42

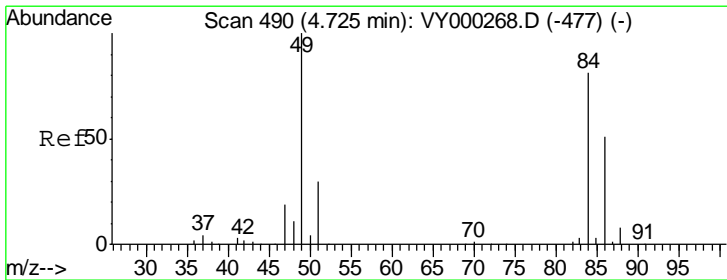
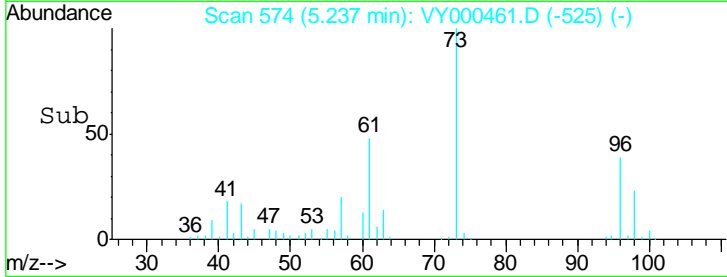
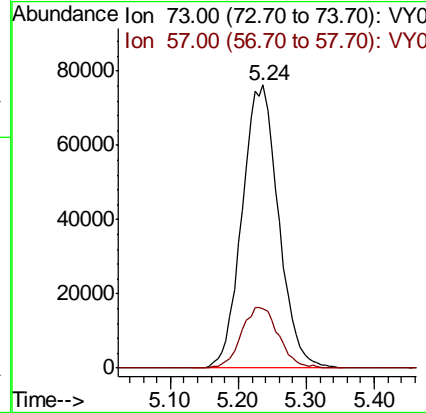
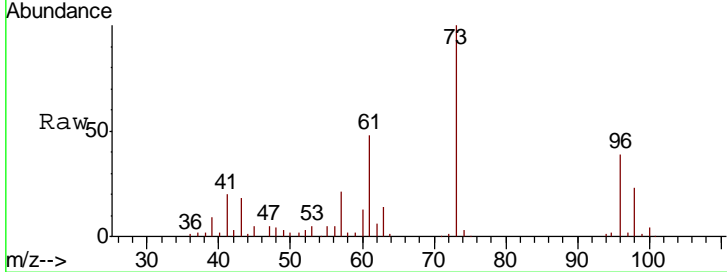
Instrument : MSVOA\_Y  
ClientSampleId : VSTDCCC050EC

Tgt Ion: 73 Resp: 284163

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 73  | 100   |       |       |
| 57  | 20.9  | 17.4  | 26.0  |

Manual Integrations  
APPROVED

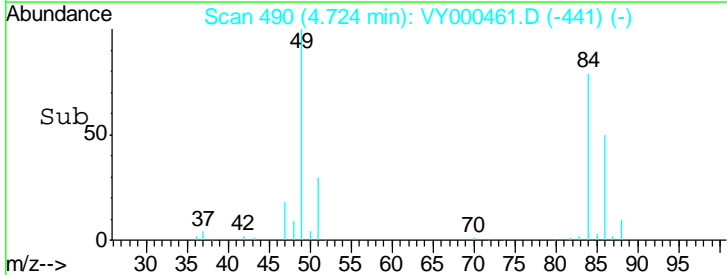
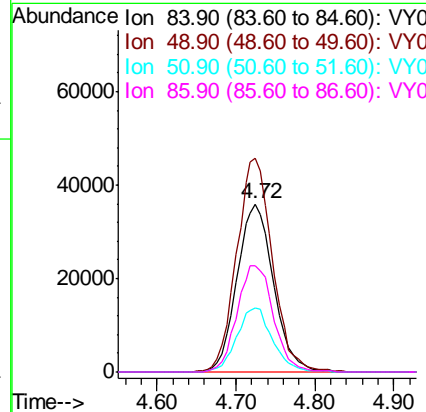
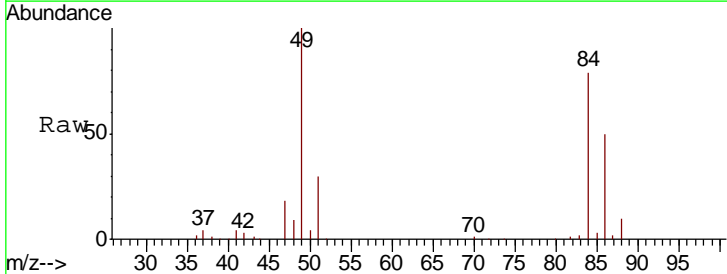
MMDadoda  
10/29/2019 2:06:10 PM

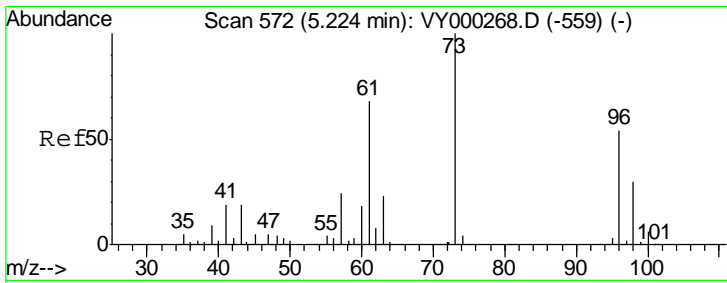


#20  
Methylene Chloride  
Concen: 54.664 ug/l  
RT: 4.72 min Scan# 490  
Delta R.T. 0.00 min  
Lab File: VY000461.D  
Acq: 28 Oct 2019 17:42

Tgt Ion: 84 Resp: 115220

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 84  | 100   |       |       |
| 49  | 127.0 | 99.0  | 148.4 |
| 51  | 38.2  | 29.3  | 43.9  |
| 86  | 63.2  | 50.2  | 75.4  |





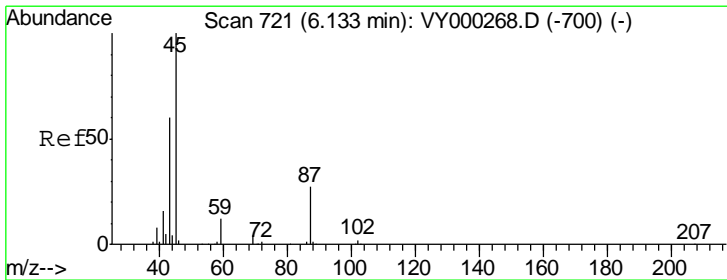
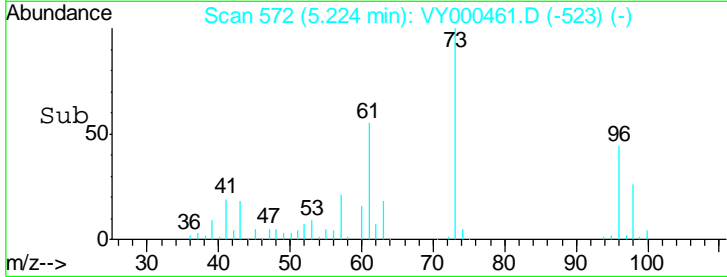
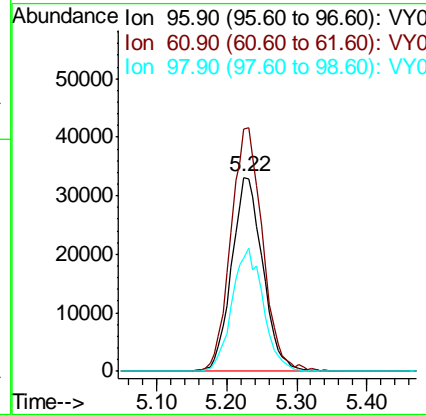
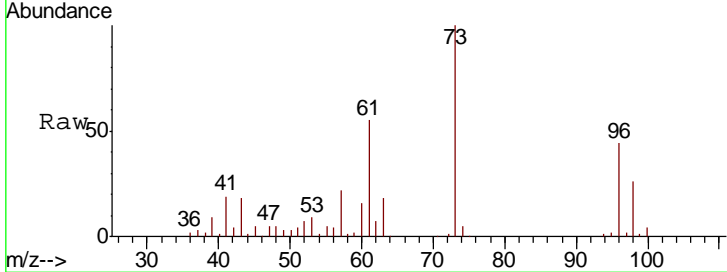
#21  
 trans-1,2-Dichloroethene  
 Concen: 47.733 ug/l  
 RT: 5.22 min Scan# 572  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 96      | 102237 |       |       |
| 96      | 100    |       |       |
| 61      | 124.8  | 100.4 | 150.6 |
| 98      | 58.5   | 44.6  | 66.8  |

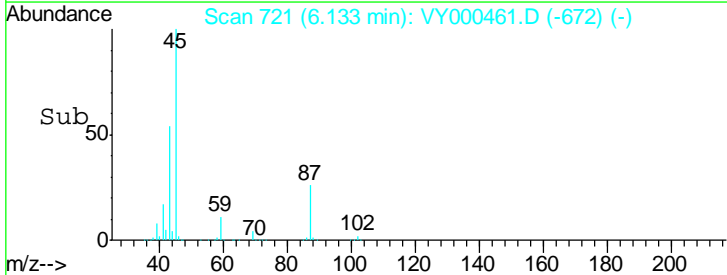
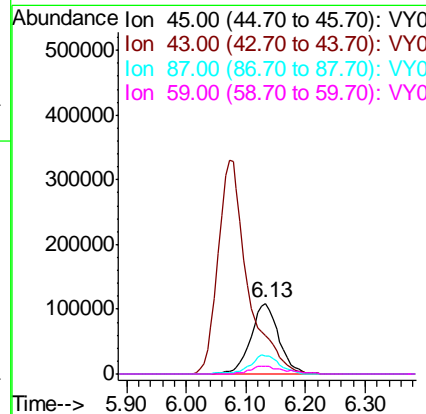
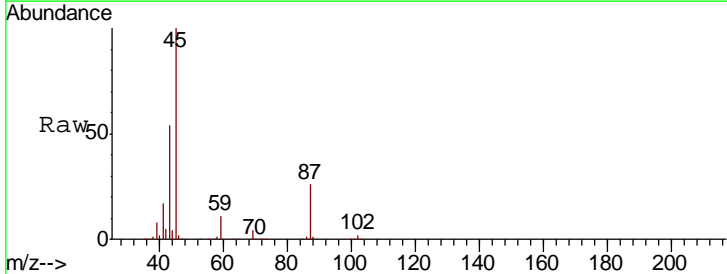
Manual Integrations  
 APPROVED

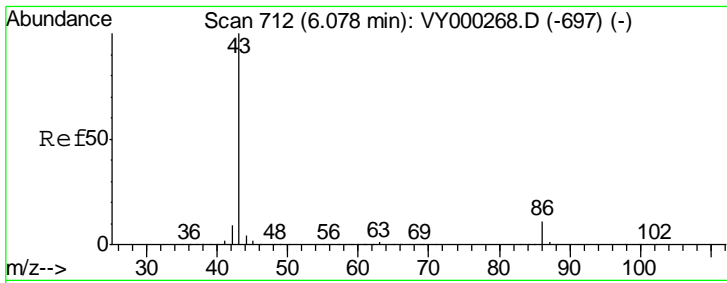
MMDadoda  
 10/29/2019 2:06:10 PM



#22  
 Diisopropyl ether  
 Concen: 54.262 ug/l  
 RT: 6.13 min Scan# 721  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 45      | 355055 |       |       |
| 45      | 100    |       |       |
| 43      | 53.3   | 48.5  | 72.7  |
| 87      | 25.5   | 21.5  | 32.3  |
| 59      | 11.0   | 9.4   | 14.0  |





#23  
 Vinyl Acetate  
 Concen: 264.773 ug/l  
 RT: 6.07 min Scan# 711  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

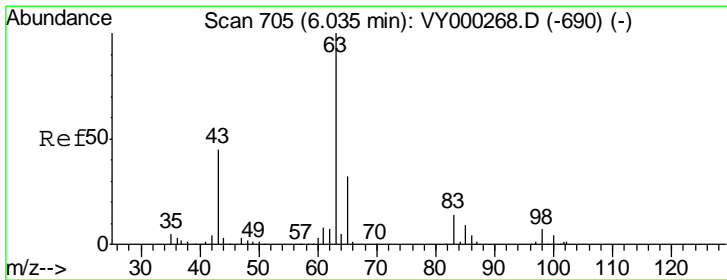
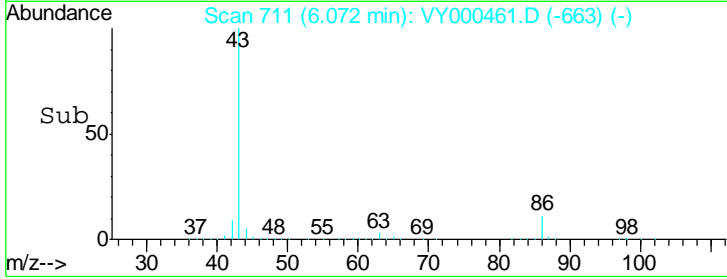
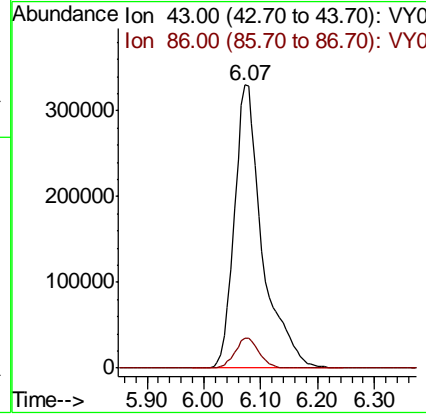
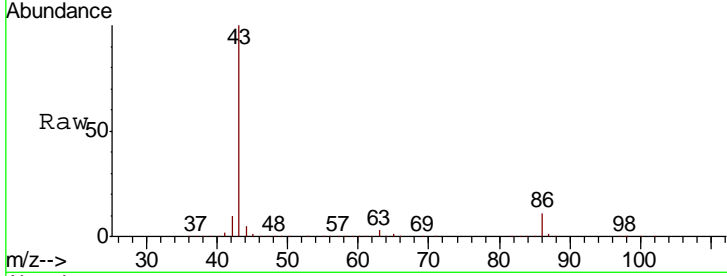
Instrument :  
 MSVOA\_Y  
 ClientSampled :  
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1130260

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 86  | 10.6  | 8.6   | 13.0  |

Manual Integrations  
 APPROVED

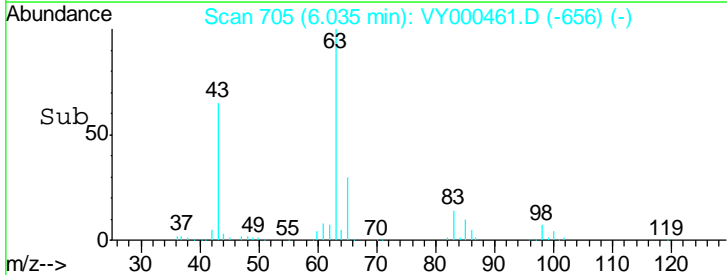
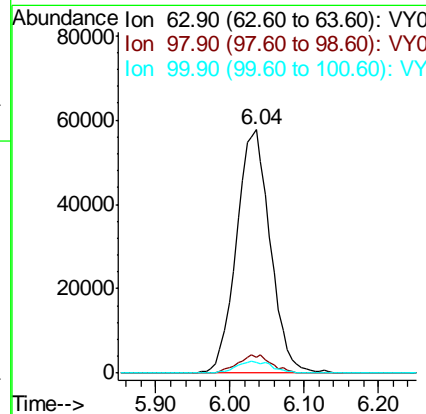
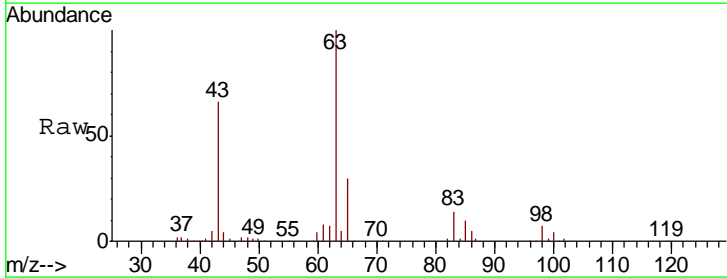
MMDadoda  
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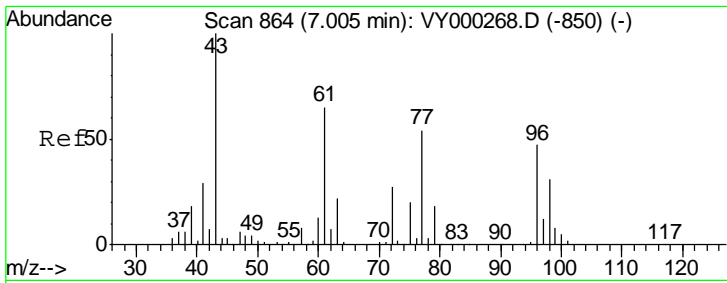
#24  
 1,1-Dichloroethane  
 Concen: 51.341 ug/l  
 RT: 6.04 min Scan# 705  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Tgt Ion: 63 Resp: 183371

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 63  | 100   |       |       |
| 98  | 6.6   | 3.5   | 10.4  |
| 100 | 4.3   | 2.1   | 6.2   |





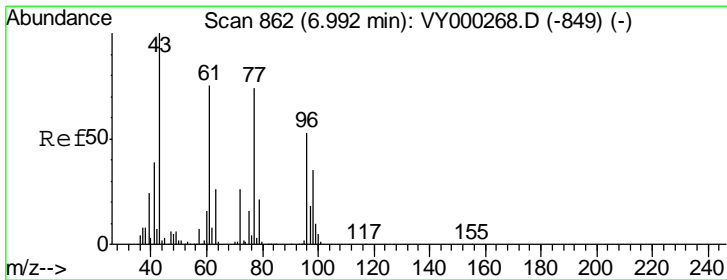
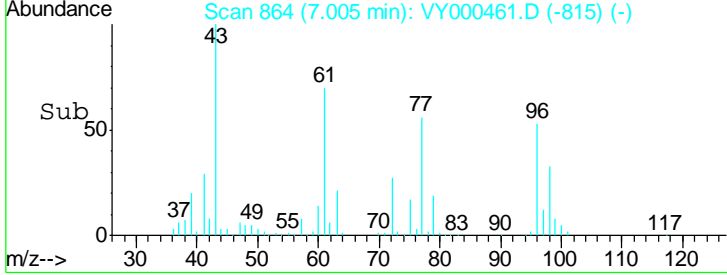
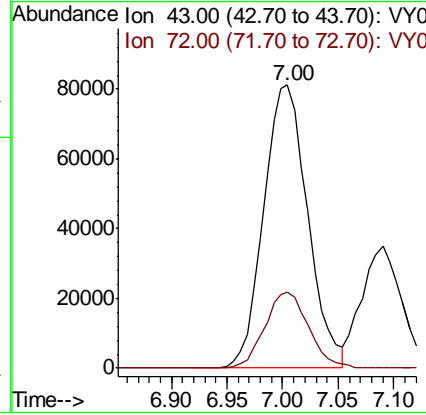
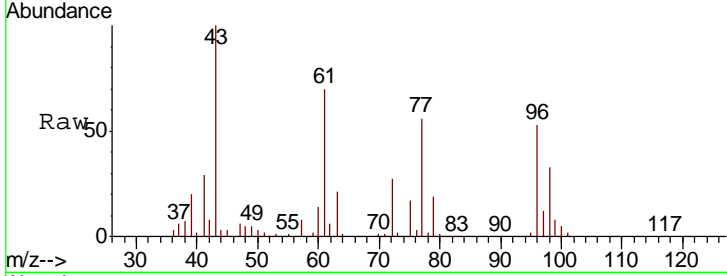


#25  
 2-Butanone  
 Concen: 251.151 ug/l  
 RT: 7.00 min Scan# 864  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument : MSVOA\_Y  
 ClientSampled : VSTDCCC050EC

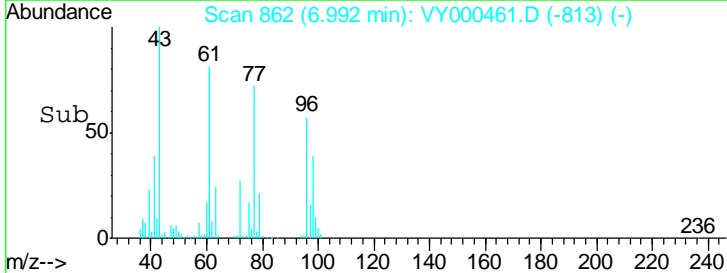
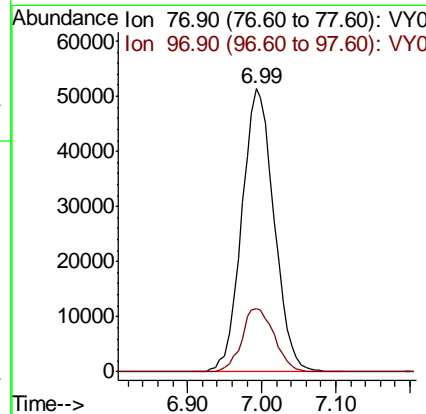
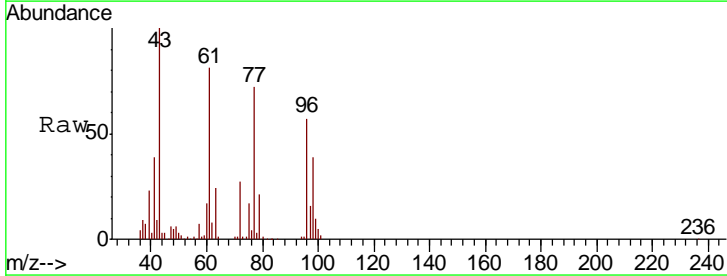
Tgt Ion: 43 Resp: 223396  
 Ion Ratio Lower Upper  
 43 100  
 72 27.0 21.4 32.2

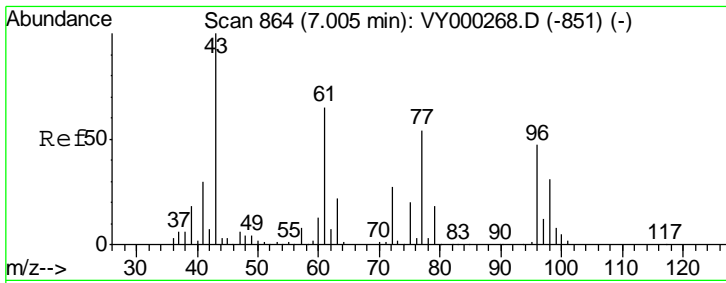
Manual Integrations  
**APPROVED**  
 MMDadoda  
 10/29/2019 2:06:10 PM



#26  
 2,2-Dichloropropane  
 Concen: 47.297 ug/l  
 RT: 6.99 min Scan# 862  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Tgt Ion: 77 Resp: 155659  
 Ion Ratio Lower Upper  
 77 100  
 97 22.7 11.6 34.7





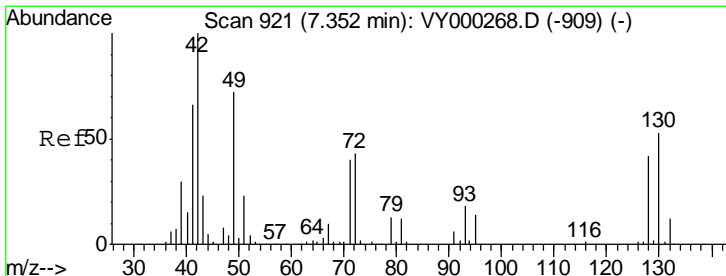
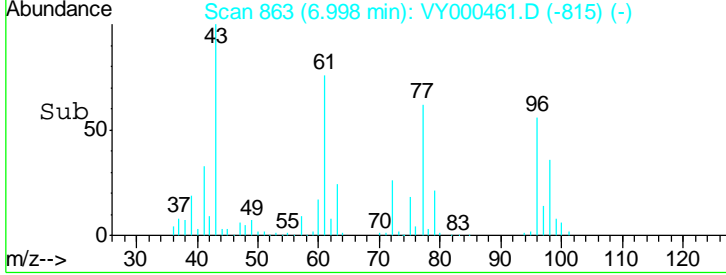
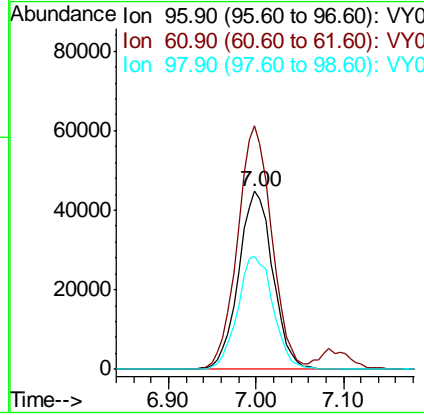
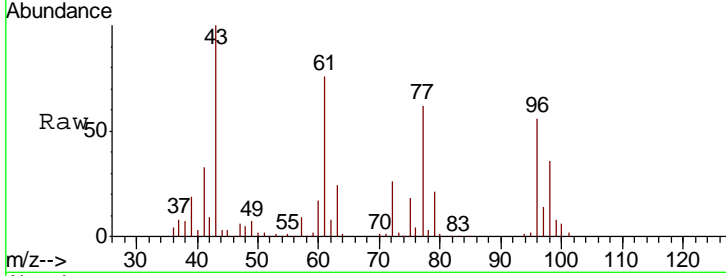
#27  
 cis-1,2-Dichloroethene  
 Concen: 52.608 ug/l  
 RT: 7.00 min Scan# 863  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 96      | 121927 |       |       |
| 96      | 100    |       |       |
| 61      | 136.3  | 0.0   | 289.8 |
| 98      | 65.8   | 0.0   | 131.8 |

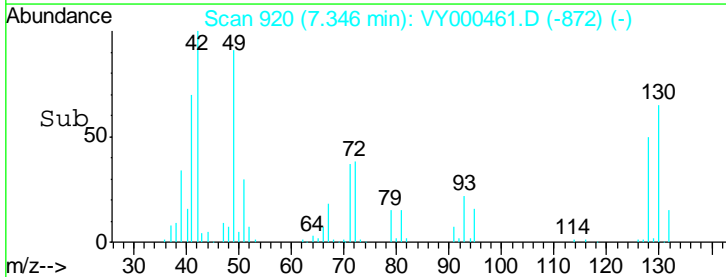
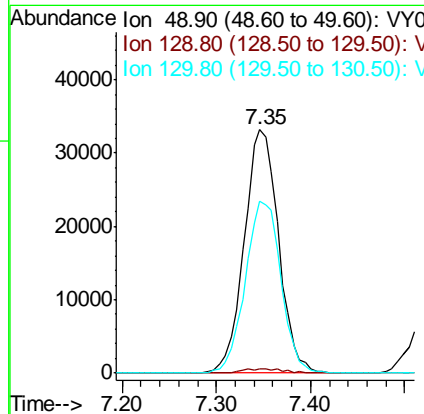
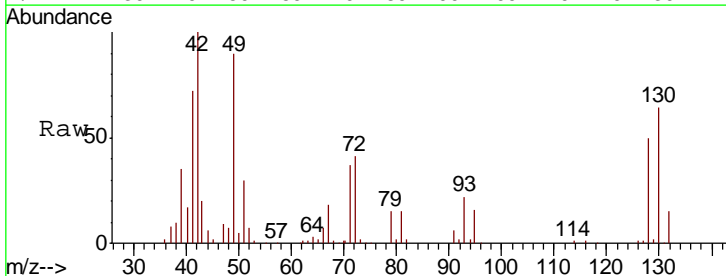
Manual Integrations  
 APPROVED

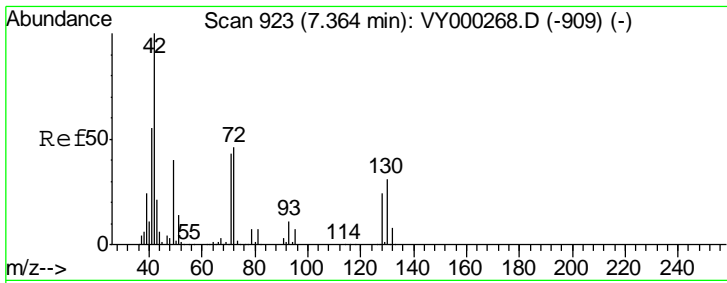
MMDadoda  
 10/29/2019 2:06:10 PM



#28  
 Bromochloromethane  
 Concen: 54.779 ug/l  
 RT: 7.35 min Scan# 920  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 83989 |       |       |
| 49      | 100   |       |       |
| 129     | 2.2   | 0.0   | 4.0   |
| 130     | 73.4  | 58.2  | 87.2  |





#29  
 Tetrahydrofuran  
 Concen: 260.770 ug/l  
 RT: 7.36 min Scan# 922  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

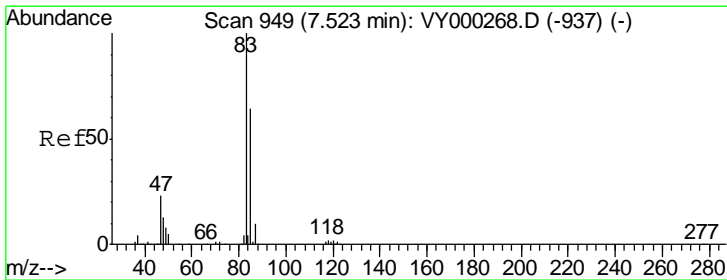
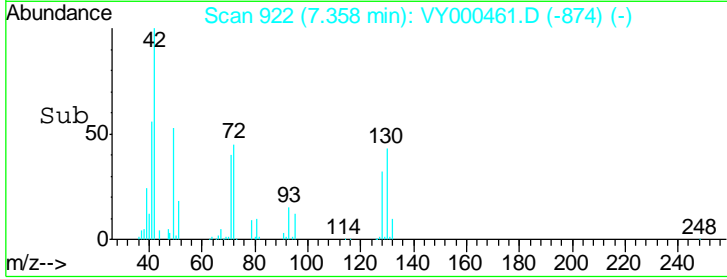
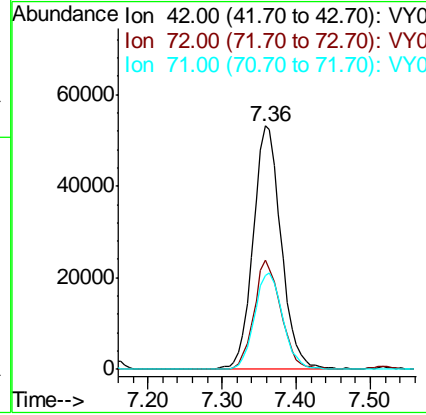
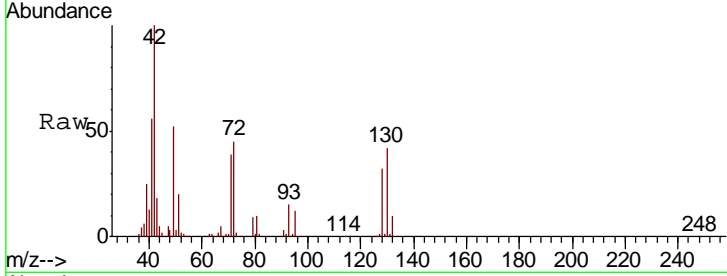
Instrument :  
 MSVOA\_Y  
 ClientSampled :  
 VSTDCCC050EC

Tgt Ion: 42 Resp: 140572

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 42  | 100   |       |       |
| 72  | 42.9  | 34.5  | 51.7  |
| 71  | 39.8  | 32.7  | 49.1  |

Manual Integrations  
 APPROVED

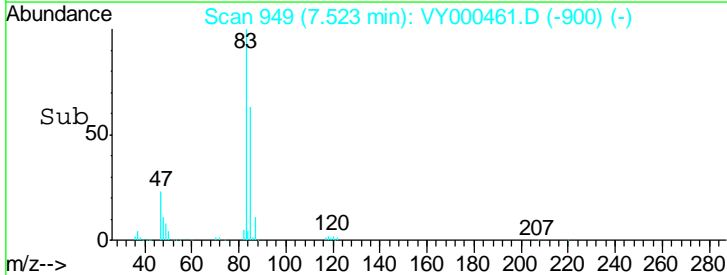
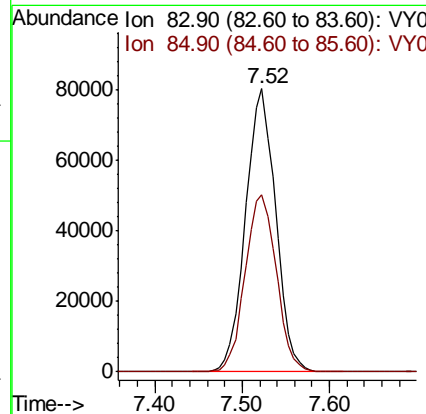
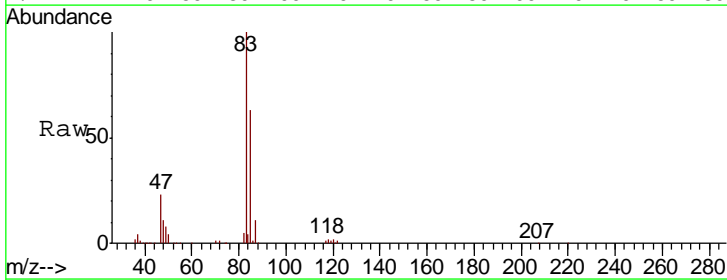
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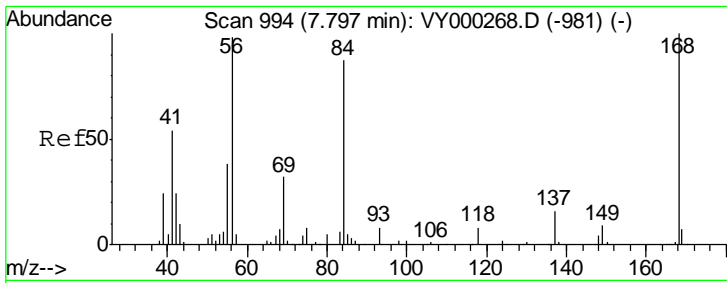


#30  
 Chloroform  
 Concen: 53.460 ug/l  
 RT: 7.52 min Scan# 949  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Tgt Ion: 83 Resp: 192288

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 85  | 62.6  | 51.4  | 77.2  |





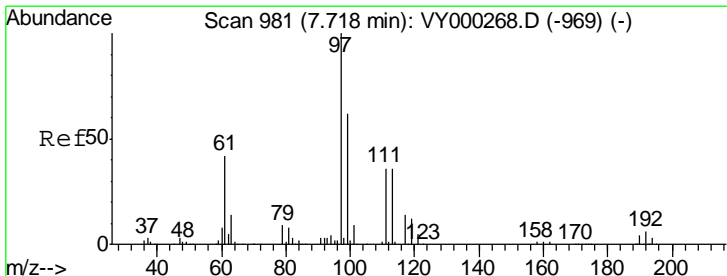
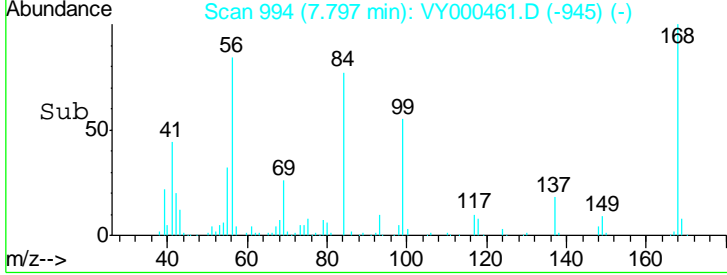
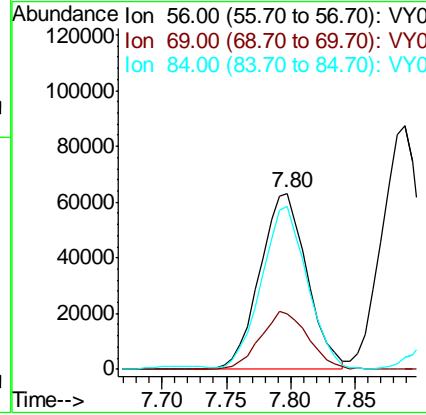
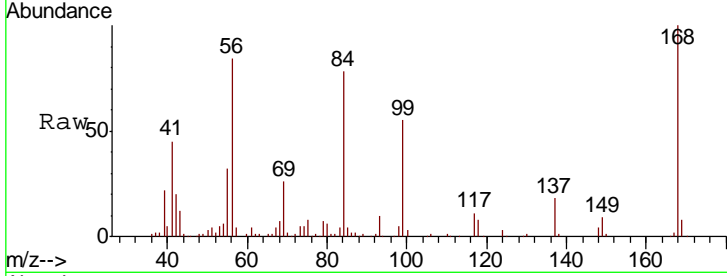
#31  
 Cyclohexane  
 Concen: 42.996 ug/l  
 RT: 7.80 min Scan# 994  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument : MSVOA\_Y  
 ClientSampleId : VSTDCCC050EC

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 56      | 100  |       |       |
| 69      | 31.2 | 26.3  | 39.5  |
| 84      | 91.4 | 70.8  | 106.2 |

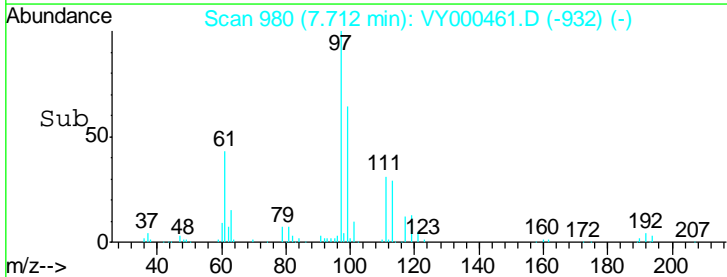
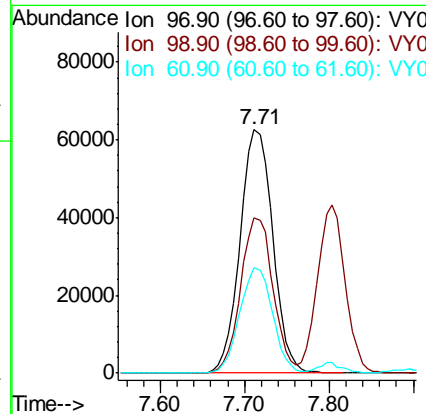
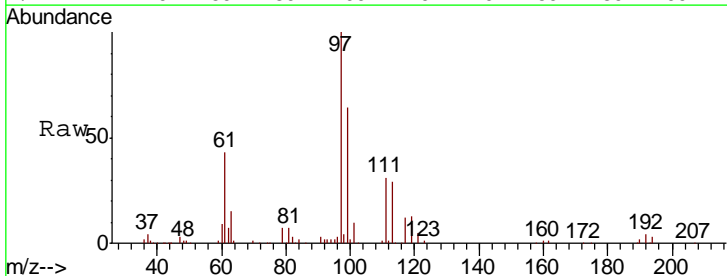
Manual Integrations  
**APPROVED**

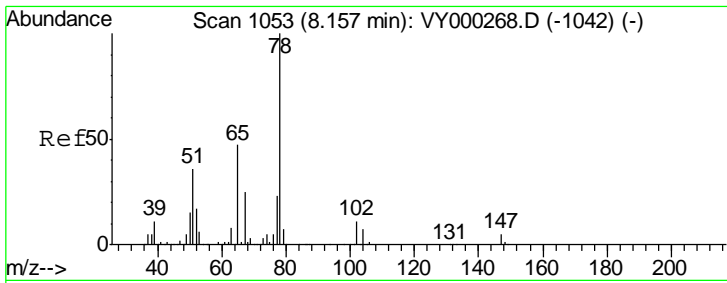
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#32  
 1,1,1-Trichloroethane  
 Concen: 51.384 ug/l  
 RT: 7.71 min Scan# 980  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 97      | 100  |       |       |
| 99      | 63.0 | 51.7  | 77.5  |
| 61      | 43.4 | 34.5  | 51.7  |





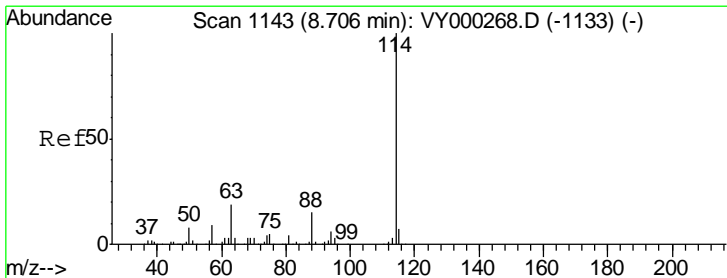
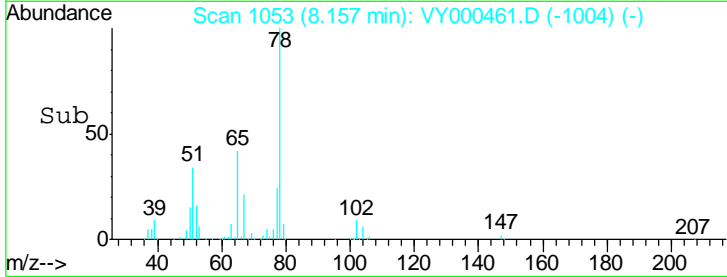
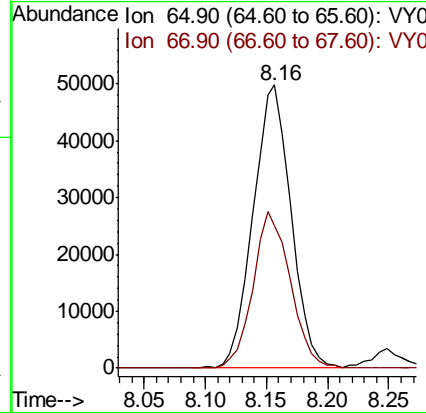
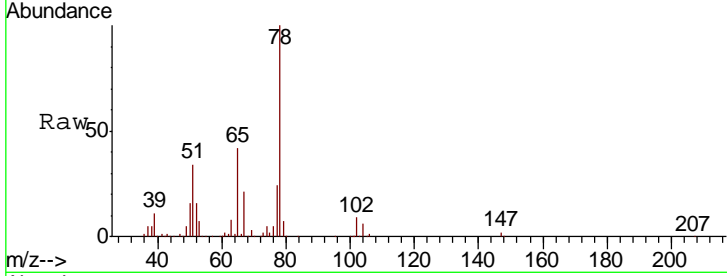
#33  
 1,2-Dichloroethane-d4  
 Concen: 55.073 ug/l  
 RT: 8.16 min Scan# 1053  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

**Instrument :**  
 MSVOA\_Y  
**ClientSampled :**  
 VSTDCCC050EC

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 65      | 107383 |       |       |
| 65      | 100    |       |       |
| 67      | 54.4   | 0.0   | 109.4 |

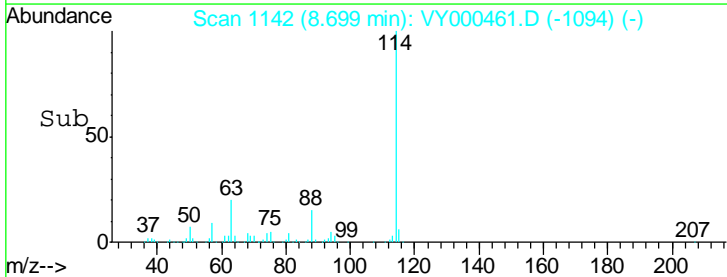
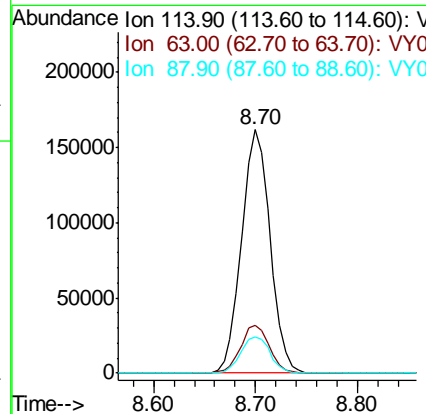
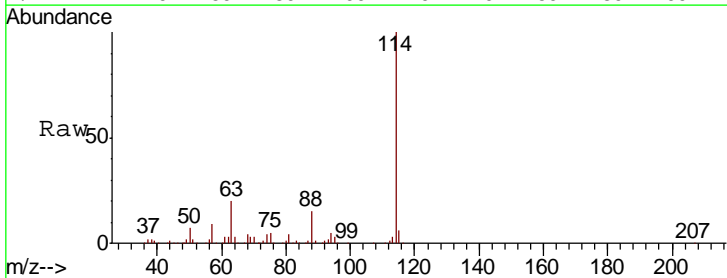
**Manual Integrations**  
**APPROVED**

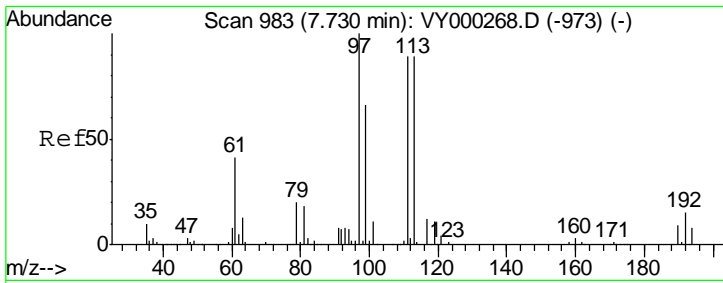
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 10/29/2019 2:06:10 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.70 min Scan# 1142  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 114     | 313192 |       |       |
| 114     | 100    |       |       |
| 63      | 19.5   | 0.0   | 37.2  |
| 88      | 14.7   | 0.0   | 30.2  |





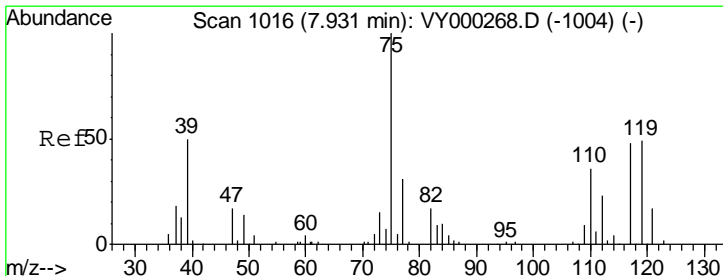
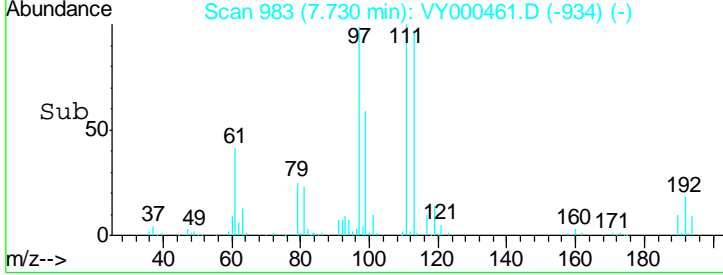
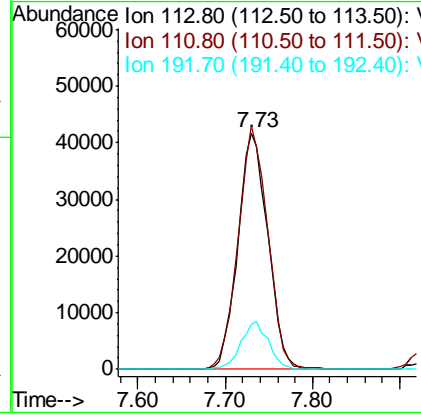
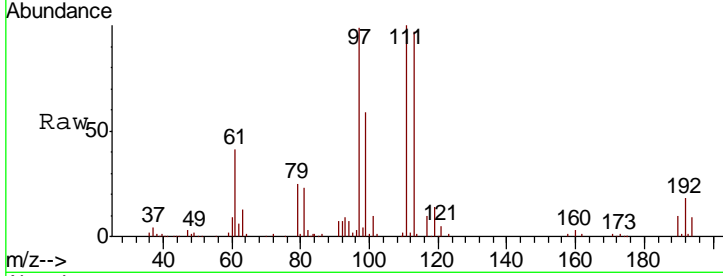
#35  
 Dibromofluoromethane  
 Concen: 52.666 ug/l  
 RT: 7.73 min Scan# 983  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument : MSVOA\_Y  
 ClientSampled : VSTDCCC050EC

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 99497 |       |       |
| 113     | 100   |       |       |
| 111     | 101.9 | 81.6  | 122.4 |
| 192     | 18.7  | 15.3  | 22.9  |

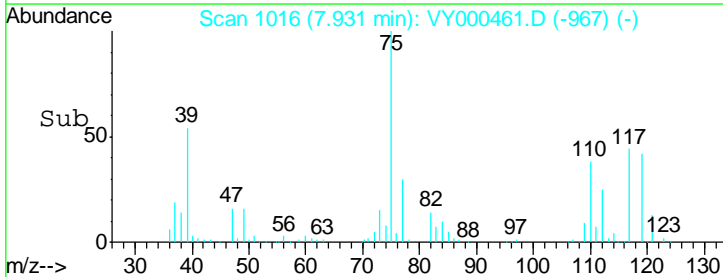
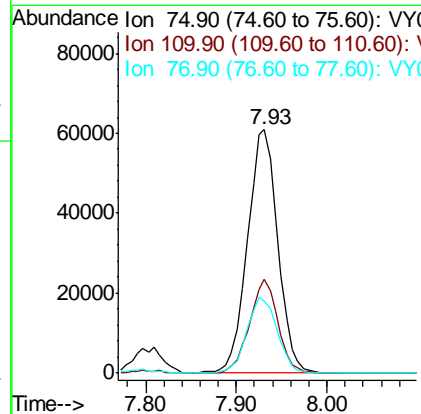
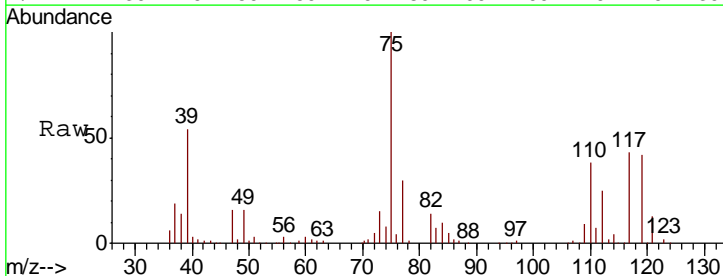
Manual Integrations  
 APPROVED

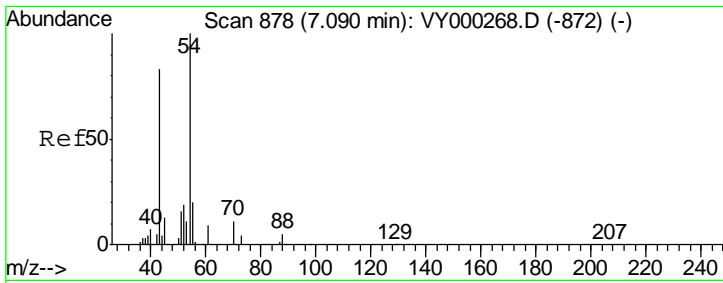
MMDadoda  
 10/29/2019 2:06:10 PM



#36  
 1,1-Dichloropropene  
 Concen: 45.870 ug/l  
 RT: 7.93 min Scan# 1016  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 75      | 140654 |       |       |
| 75      | 100    |       |       |
| 110     | 36.2   | 18.4  | 55.4  |
| 77      | 31.3   | 25.0  | 37.6  |





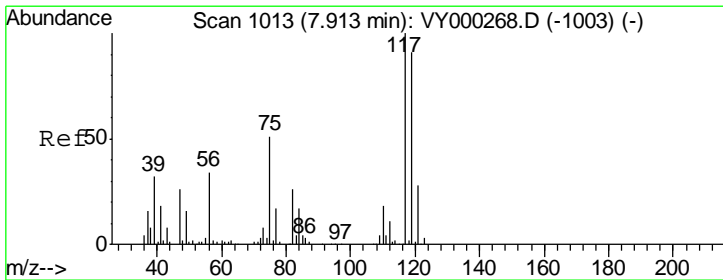
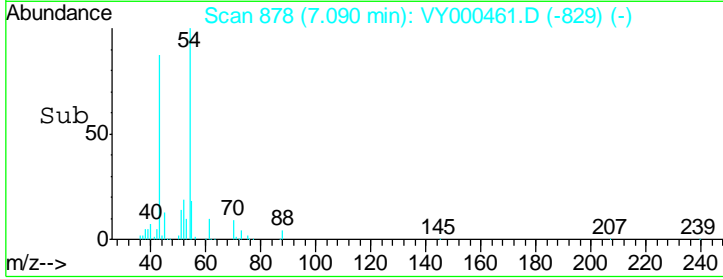
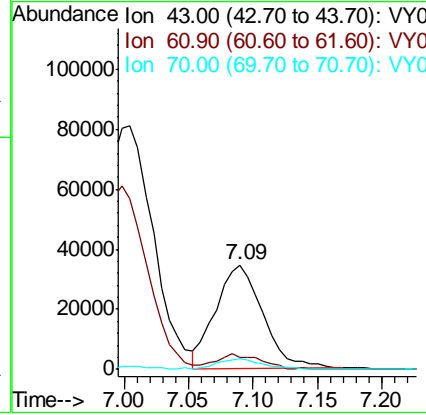
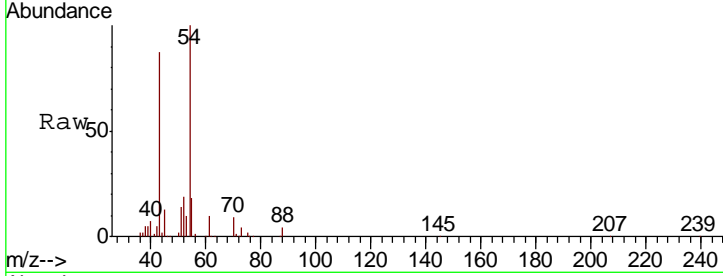
#37  
 Ethyl Acetate  
 Concen: 48.685 ug/l  
 RT: 7.09 min Scan# 878  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 43      | 100  |       |       |
| 61      | 14.5 | 12.1  | 18.1  |
| 70      | 10.3 | 8.7   | 13.1  |

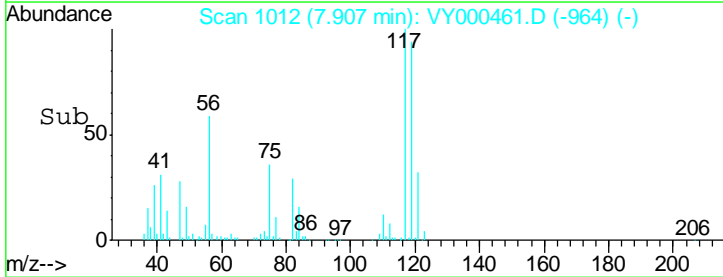
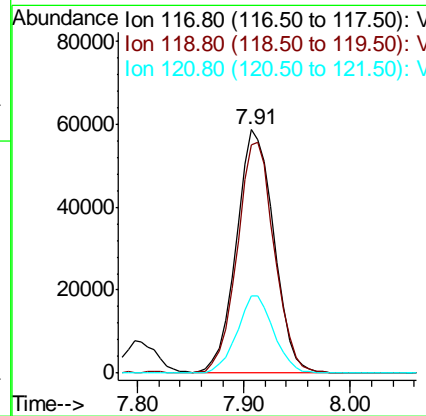
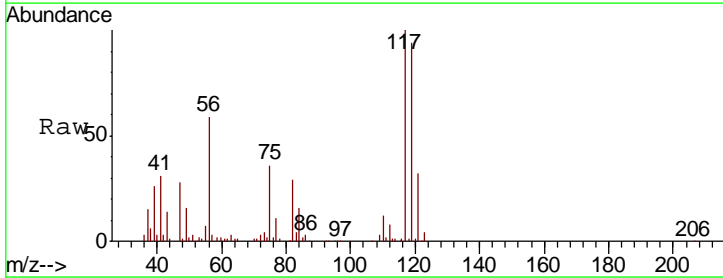
Manual Integrations  
 APPROVED

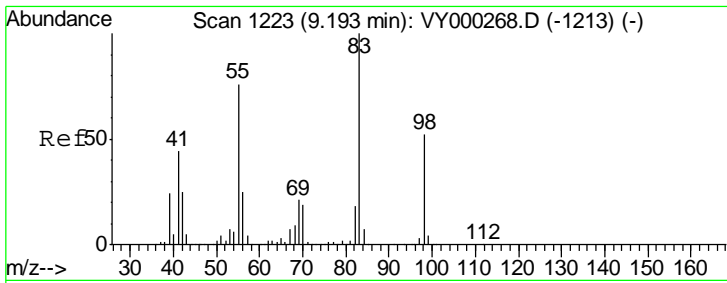
MMDadoda  
 10/29/2019 2:06:10 PM



#38  
 Carbon Tetrachloride  
 Concen: 48.837 ug/l  
 RT: 7.91 min Scan# 1012  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 117     | 100  |       |       |
| 119     | 93.9 | 72.8  | 109.2 |
| 121     | 31.9 | 22.2  | 33.2  |





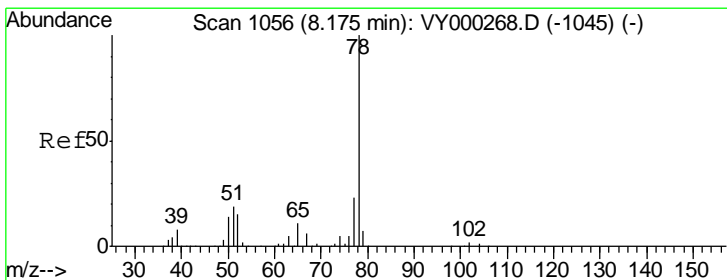
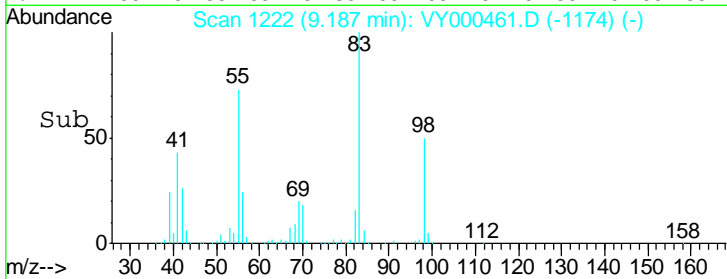
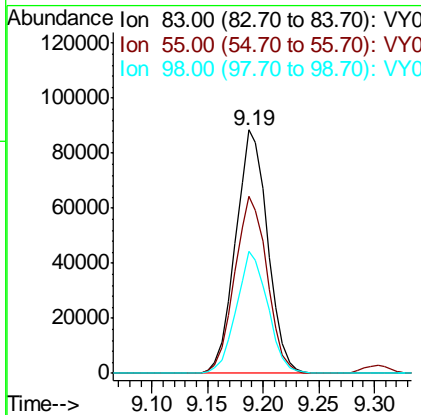
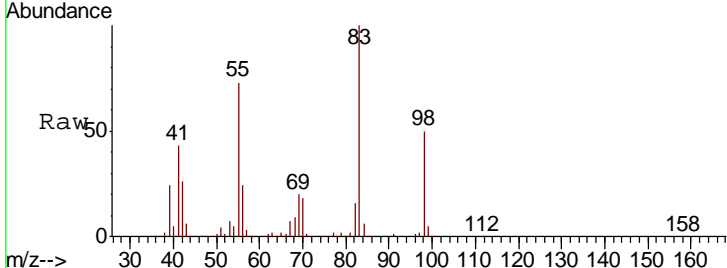
#39  
 Methylcyclohexane  
 Concen: 43.889 ug/l  
 RT: 9.19 min Scan# 1222  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument : MSVOA\_Y  
 ClientSampleId : VSTDCCC050EC

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 83      | 176139 |       |       |
| 55      | 72.9   | 60.9  | 91.3  |
| 98      | 50.1   | 41.8  | 62.6  |

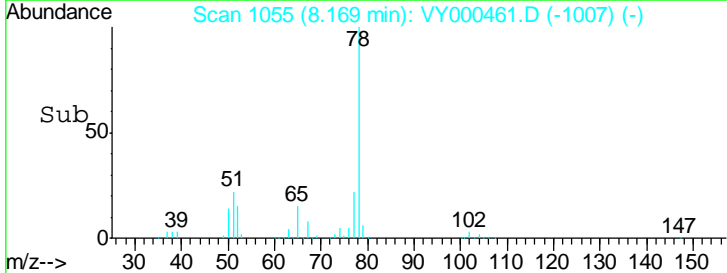
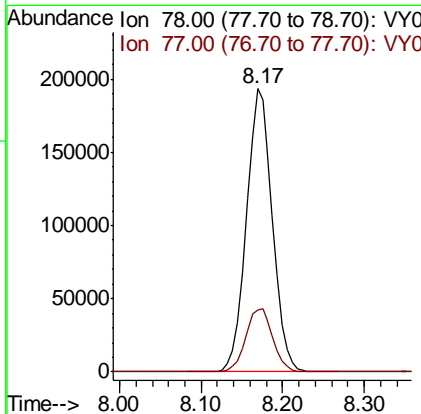
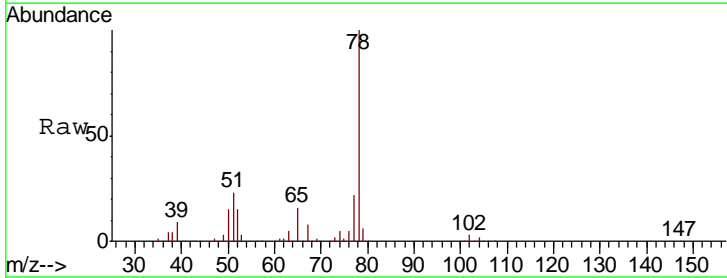
Manual Integrations  
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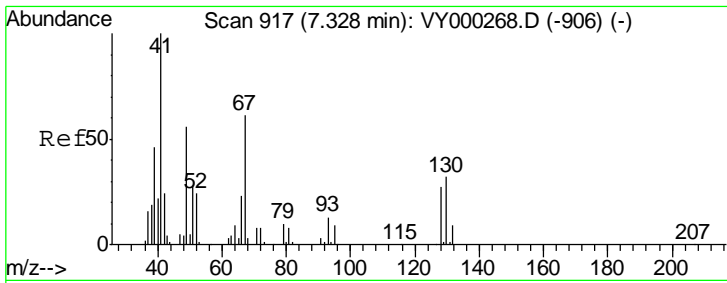


#40  
 Benzene  
 Concen: 48.133 ug/l  
 RT: 8.17 min Scan# 1055  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 78      | 426529 |       |       |
| 77      | 21.7   | 18.8  | 28.2  |







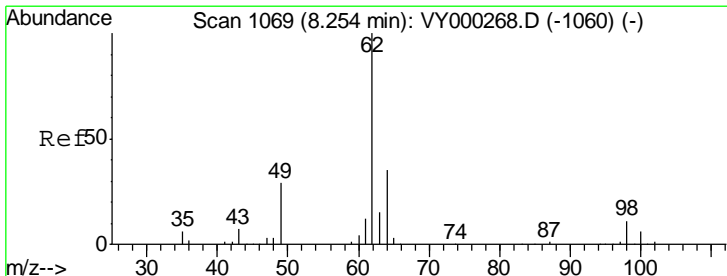
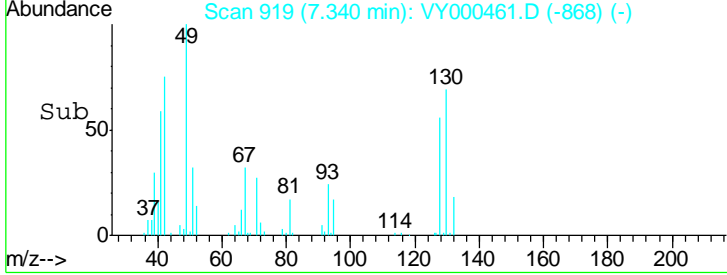
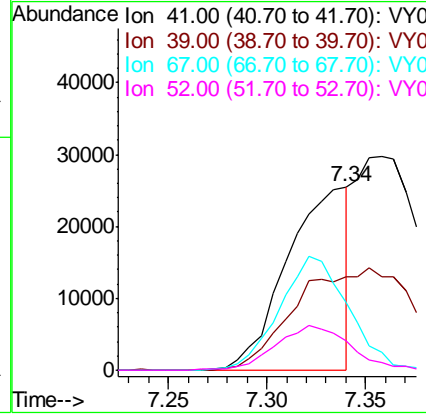
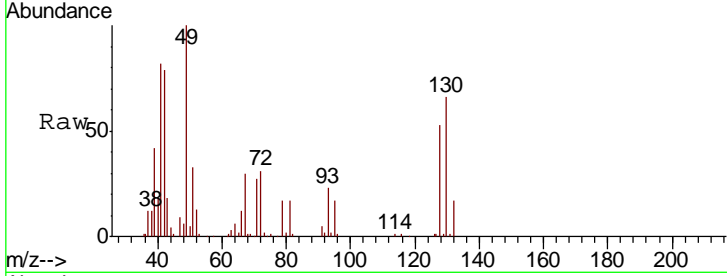
#41  
 Methacrylonitrile  
 Concen: 63.883 ug/l m  
 RT: 7.34 min Scan# 919  
 Delta R.T. 0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument :  
 MSVOA\_Y  
 ClientSampled :  
 VSTDCCC050EC

| Tgt Ion | Resp  | Lower | Upper  |
|---------|-------|-------|--------|
| 41      | 100   |       |        |
| 39      | 109.0 | 110.2 | 165.2# |
| 67      | 0.0   | 0.0   | 0.0    |
| 52      | 0.0   | 0.0   | 0.0    |

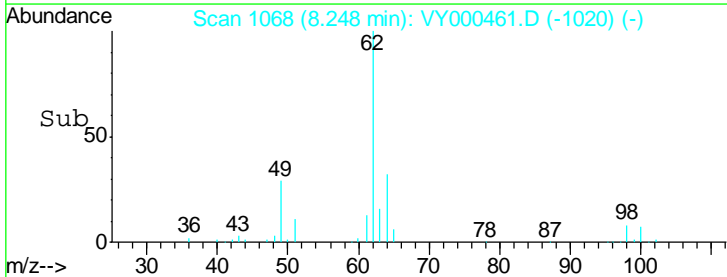
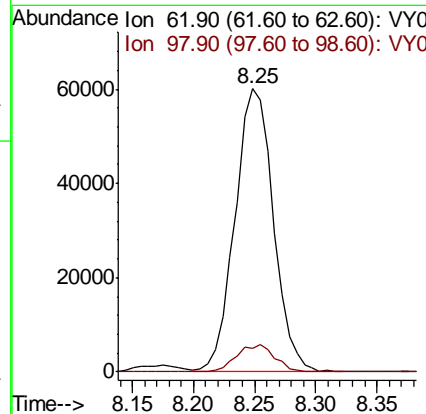
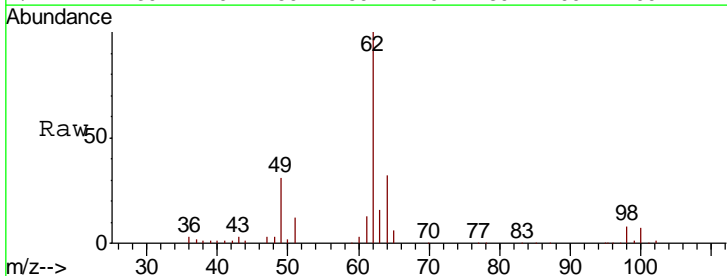
Manual Integrations  
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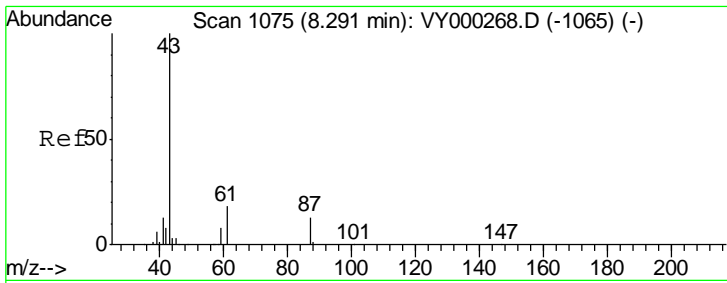
MMDadoda  
 10/29/2019 2:06:10 PM



#42  
 1,2-Dichloroethane  
 Concen: 51.761 ug/l  
 RT: 8.25 min Scan# 1068  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 62      | 100  |       |       |
| 98      | 9.5  | 0.0   | 20.6  |





#43  
 Isopropyl Acetate  
 Concen: 51.182 ug/l  
 RT: 8.28 min Scan# 1074  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

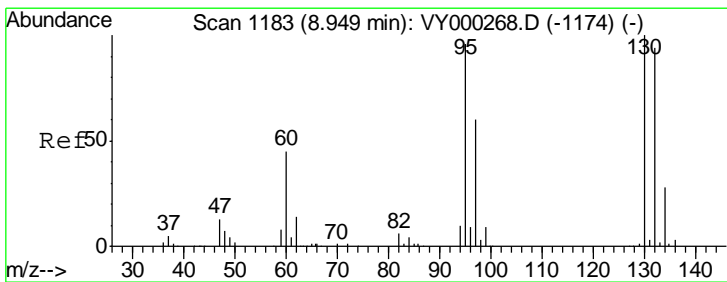
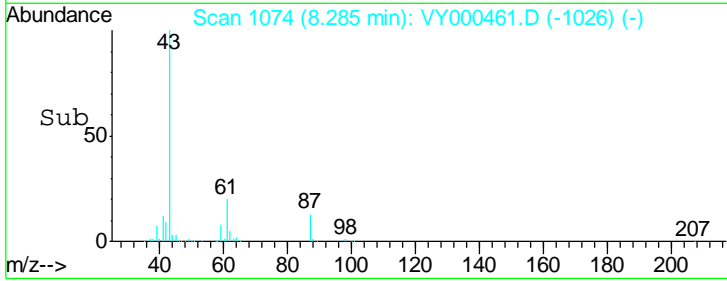
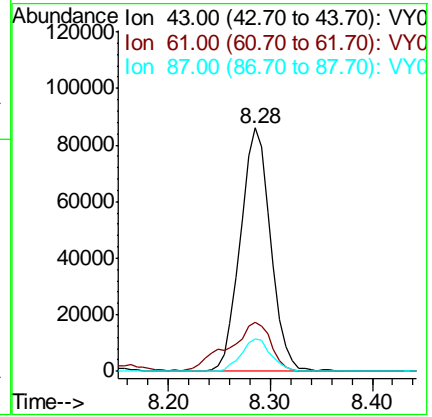
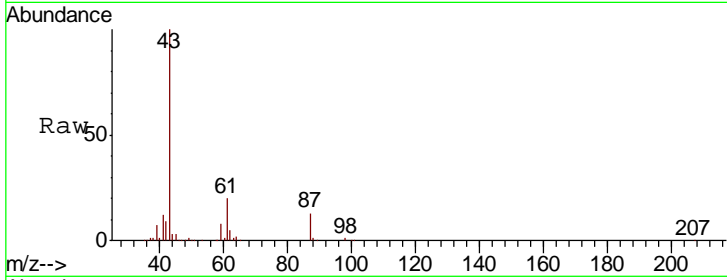
Instrument : MSVOA\_Y  
 ClientSampleId : VSTDCCC050EC

Tgt Ion: 43 Resp: 176696

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 61  | 28.5  | 22.3  | 33.5  |
| 87  | 13.1  | 10.9  | 16.3  |

Manual Integrations  
 APPROVED

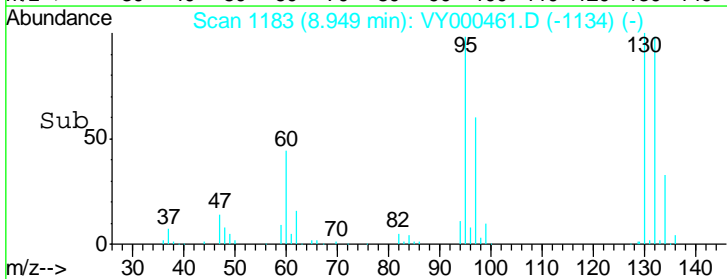
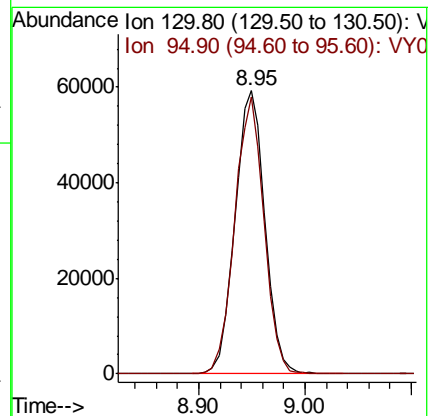
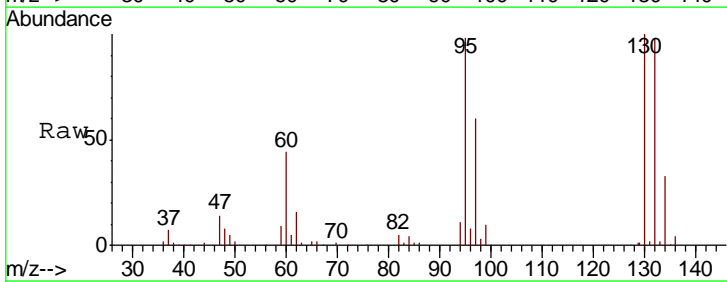
MMDadoda  
 10/29/2019 2:06:10 PM

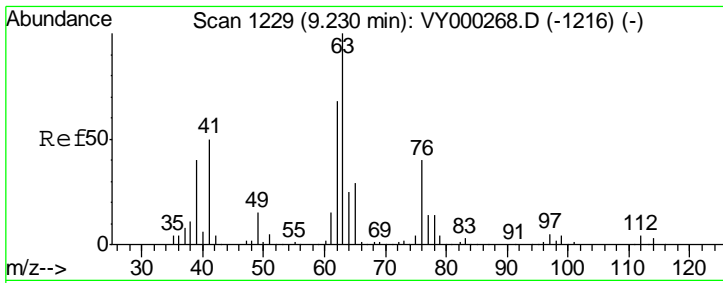


#44  
 Trichloroethene  
 Concen: 46.749 ug/l  
 RT: 8.95 min Scan# 1183  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Tgt Ion: 130 Resp: 116235

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 130 | 100   |       |       |
| 95  | 98.0  | 0.0   | 191.4 |



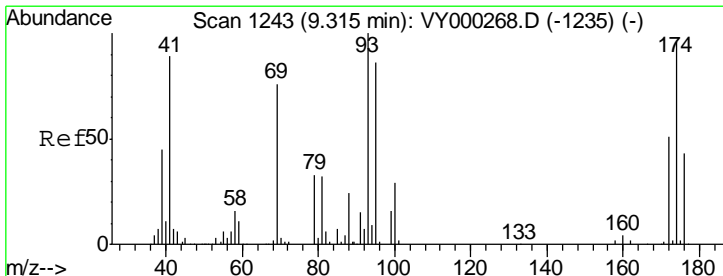
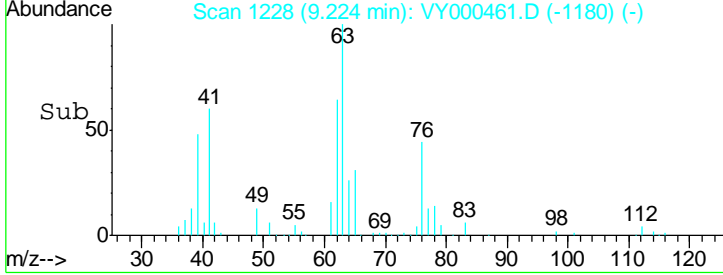
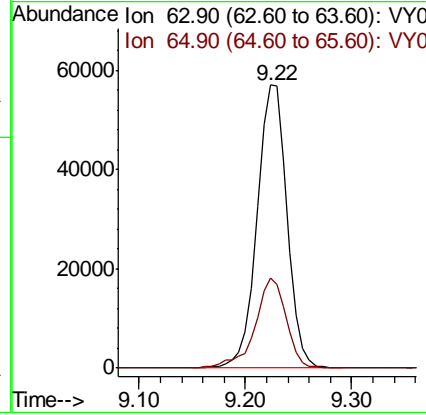
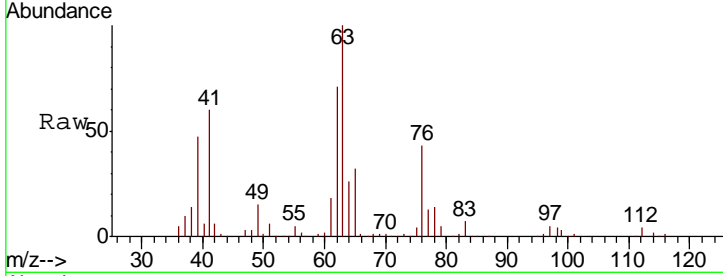


#45  
 1,2-Dichloropropane  
 Concen: 51.783 ug/l  
 RT: 9.22 min Scan# 1228  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument : MSVOA\_Y  
 ClientSampled : VSTDCCC050EC

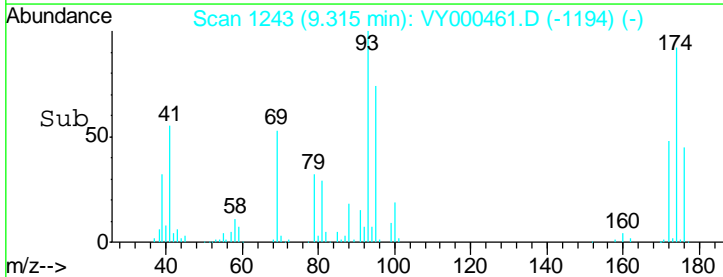
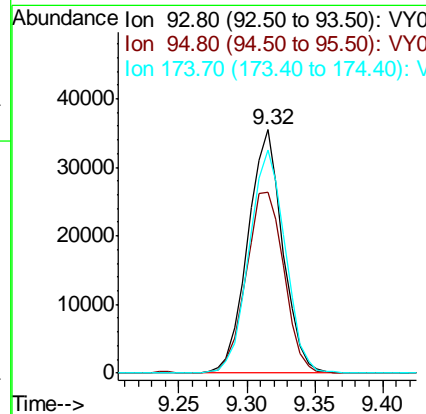
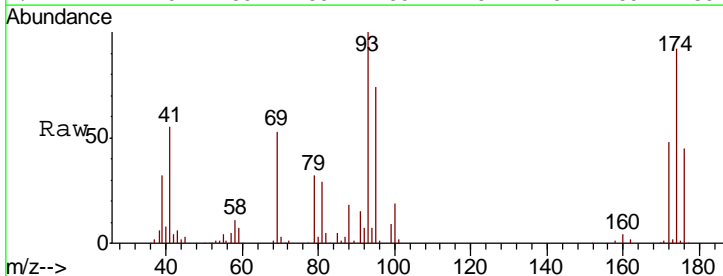
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 63      | 112608 |       |       |
| 65      | 32.0   | 23.2  | 34.8  |

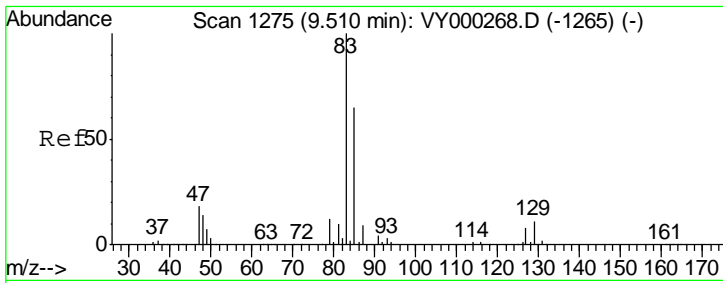
Manual Integrations  
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#46  
 Dibromomethane  
 Concen: 52.530 ug/l  
 RT: 9.32 min Scan# 1243  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 63858 |       |       |
| 95      | 80.5  | 68.2  | 102.2 |
| 174     | 94.9  | 79.8  | 119.6 |





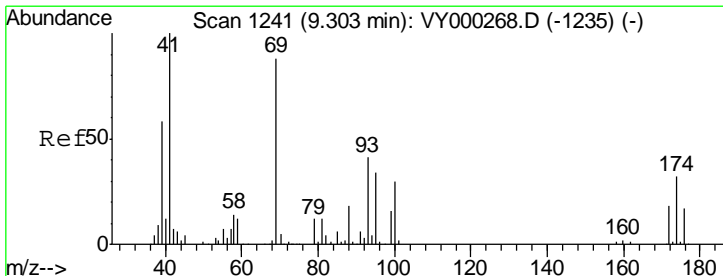
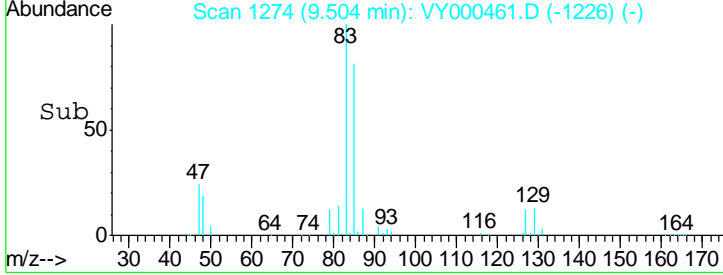
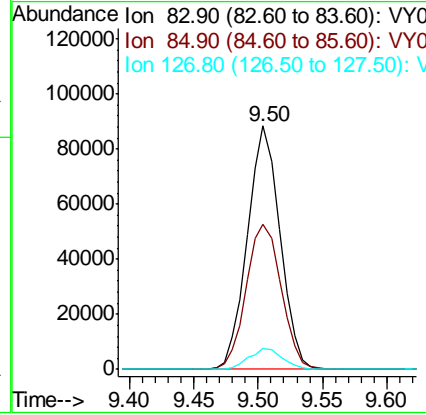
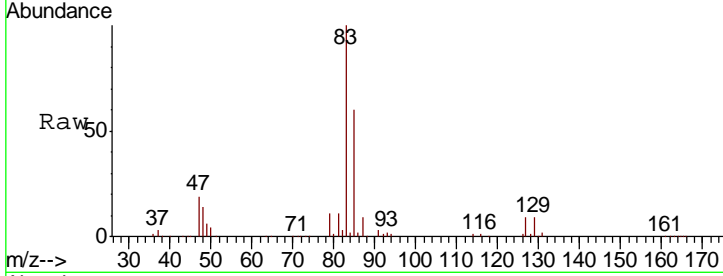
#47  
 Bromodichloromethane  
 Concen: 53.861 ug/l  
 RT: 9.50 min Scan# 1274  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument :  
 MSVOA\_Y  
 ClientSampleId :  
 VSTDCCC050EC

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 83      | 154309 |       |       |
| 85      | 59.5   | 52.2  | 78.2  |
| 127     | 8.7    | 6.3   | 9.5   |

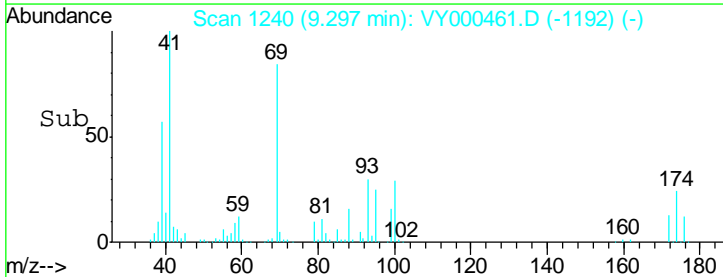
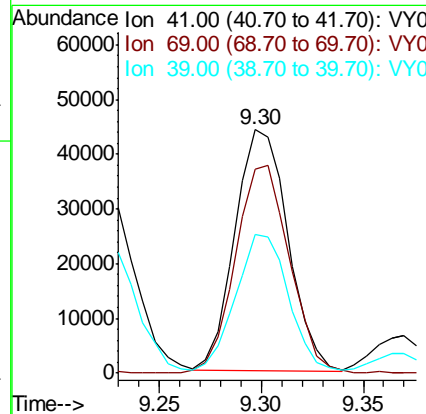
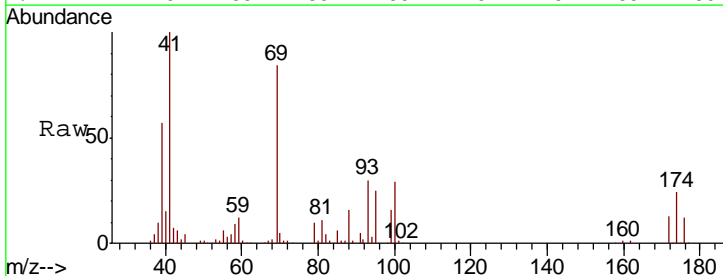
Manual Integrations  
 APPROVED

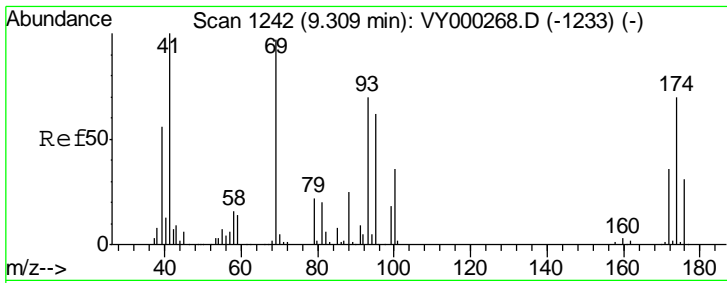
MMDadoda  
 10/29/2019 2:06:10 PM



#48  
 Methyl methacrylate  
 Concen: 52.454 ug/l  
 RT: 9.30 min Scan# 1240  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 79361 |       |       |
| 69      | 88.0  | 70.0  | 105.0 |
| 39      | 58.3  | 47.7  | 71.5  |



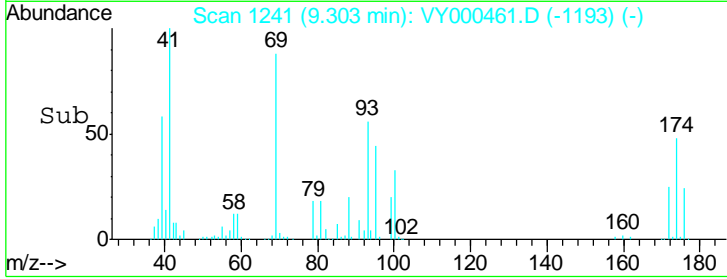
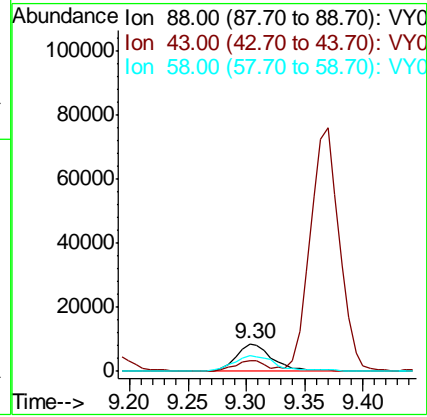
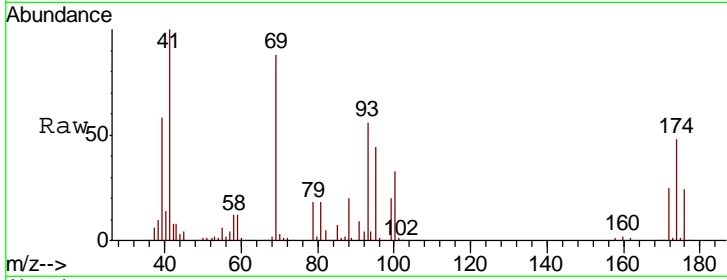


#49  
 1,4-Dioxane  
 Concen: 1025.665 ug/l  
 RT: 9.30 min Scan# 1241  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

**Instrument :**  
 MSVOA\_Y  
**ClientSampled :**  
 VSTDCCC050EC

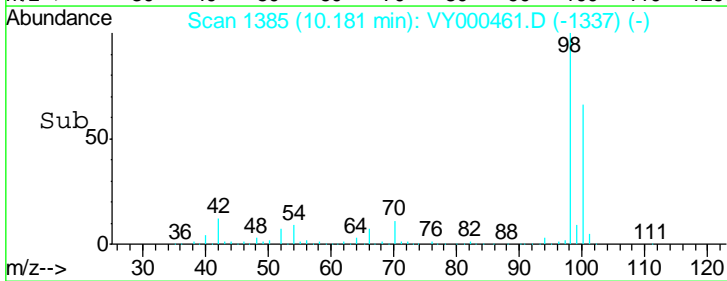
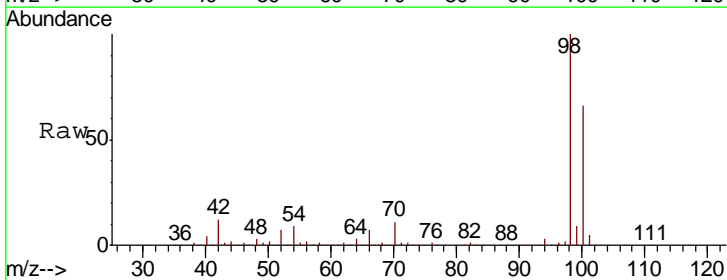
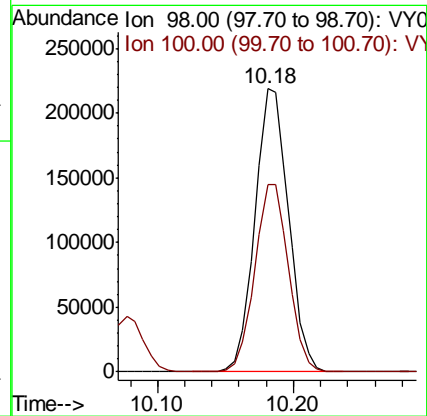
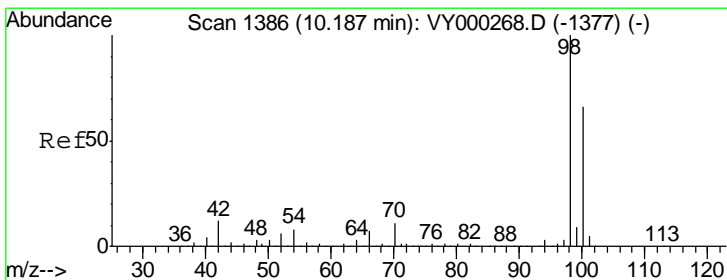
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 18695 |       |       |
| 88      | 100   |       |       |
| 43      | 32.4  | 25.6  | 38.4  |
| 58      | 64.8  | 54.6  | 81.8  |

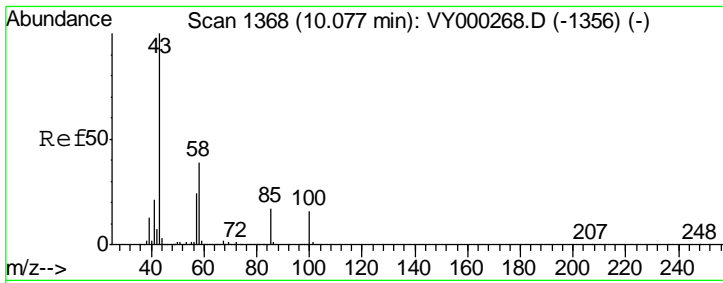
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
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#50  
 Toluene-d8  
 Concen: 52.186 ug/l  
 RT: 10.18 min Scan# 1385  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 98      | 379247 |       |       |
| 98      | 100    |       |       |
| 100     | 66.6   | 52.8  | 79.2  |





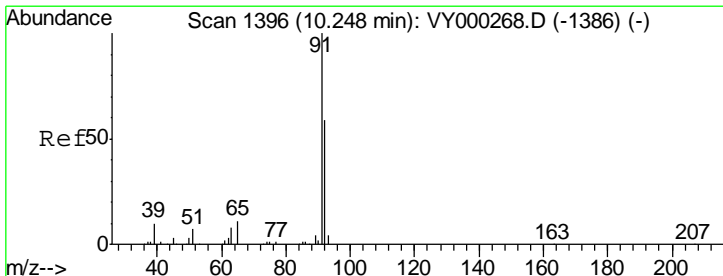
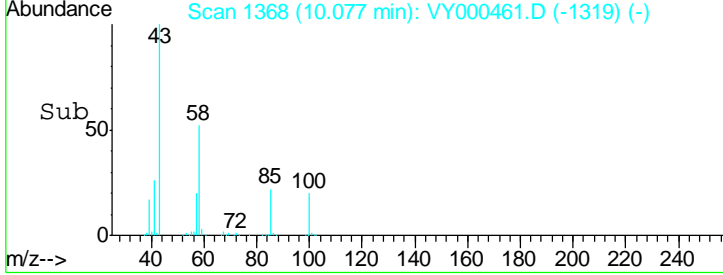
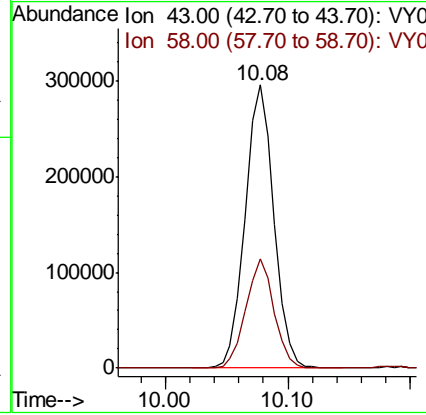
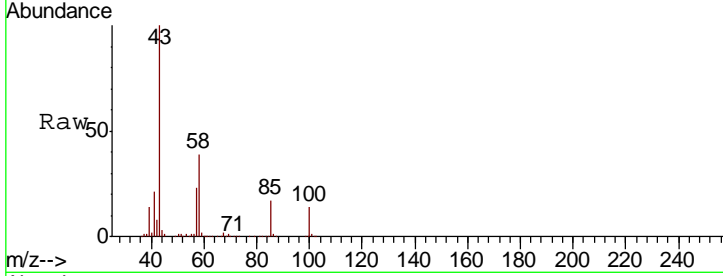
#51  
 4-Methyl-2-Pentanone  
 Concen: 269.449 ug/l  
 RT: 10.08 min Scan# 1368  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument : MSVOA\_Y  
 ClientSampled : VSTDCCC050EC

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 43      | 100  |       |       |
| 58      | 38.1 | 31.0  | 46.6  |

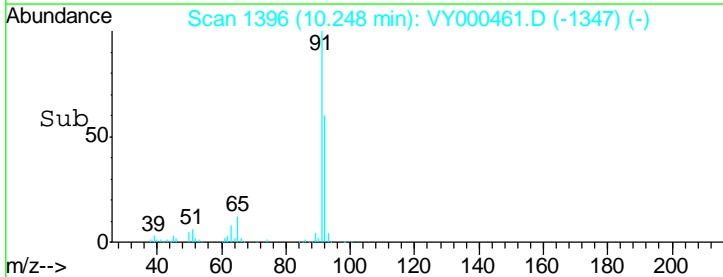
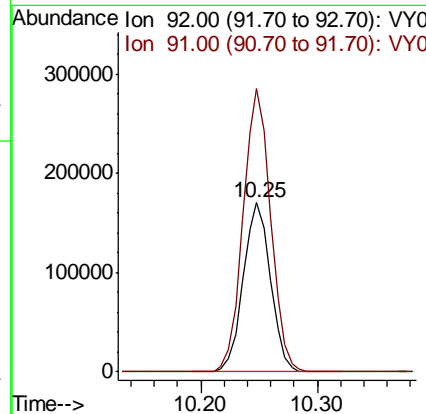
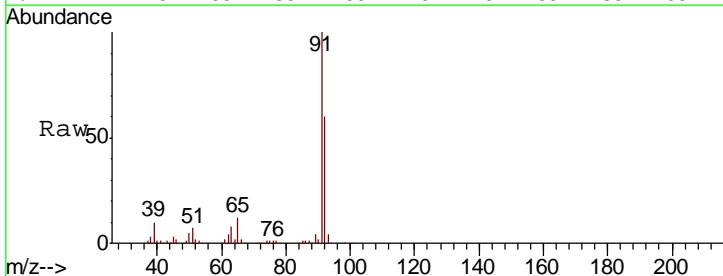
Manual Integrations  
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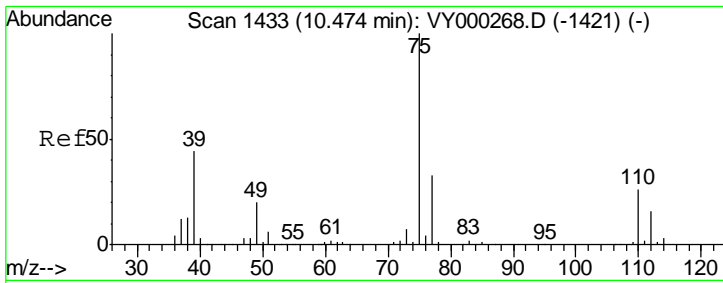
MMDadoda  
 10/29/2019 2:06:10 PM



#52  
 Toluene  
 Concen: 49.635 ug/l  
 RT: 10.25 min Scan# 1396  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 168.7 | 136.6 | 205.0 |





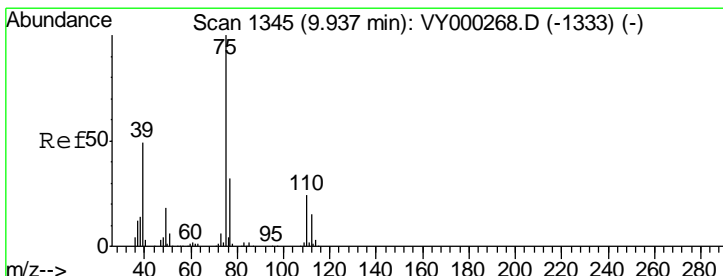
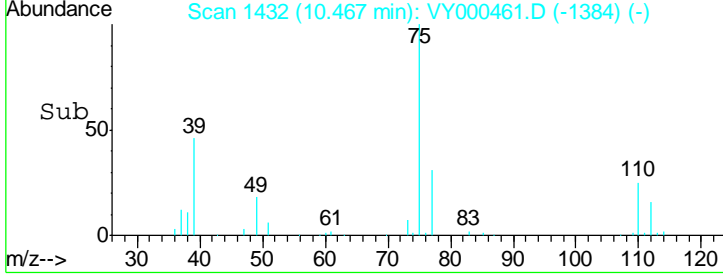
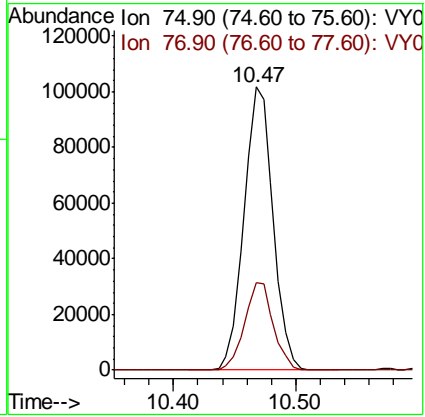
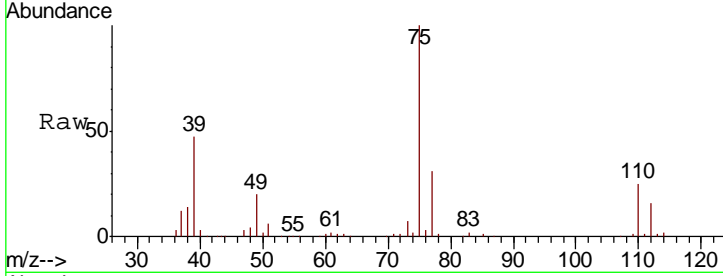
#53  
 t-1,3-Dichloropropene  
 Concen: 54.493 ug/l  
 RT: 10.47 min Scan# 1432  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument :  
 MSVOA\_Y  
 ClientSampled :  
 VSTDCCC050EC

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 75      | 167313 |       |       |
| 75      | 100    |       |       |
| 77      | 31.0   | 26.0  | 39.0  |

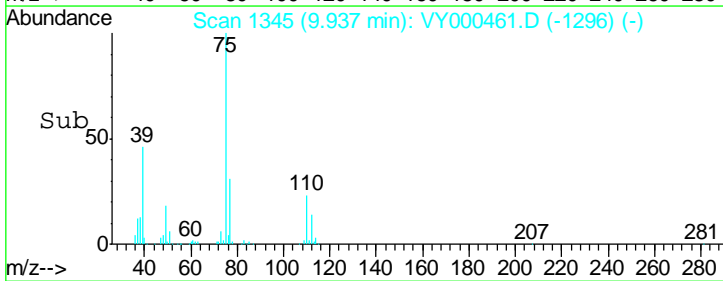
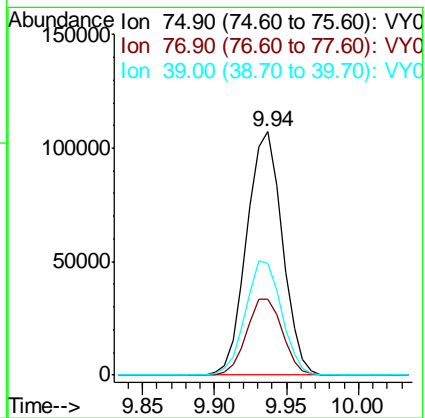
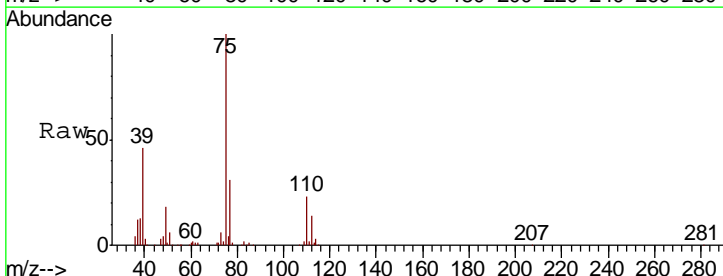
Manual Integrations  
 APPROVED

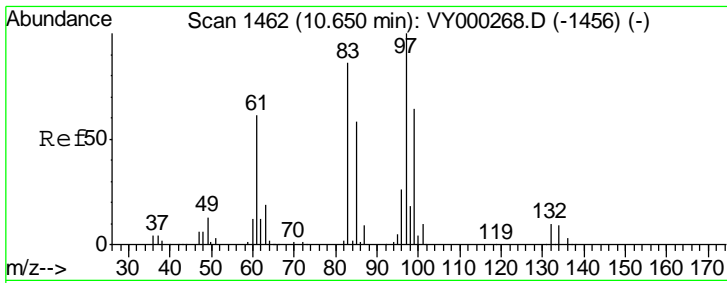
MMDadoda  
 10/29/2019 2:06:10 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 52.607 ug/l  
 RT: 9.94 min Scan# 1345  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 75      | 183432 |       |       |
| 75      | 100    |       |       |
| 77      | 31.0   | 26.0  | 39.0  |
| 39      | 46.0   | 38.8  | 58.2  |





#55  
 1,1,2-Trichloroethane  
 Concen: 53.003 ug/l  
 RT: 10.65 min Scan# 1462  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

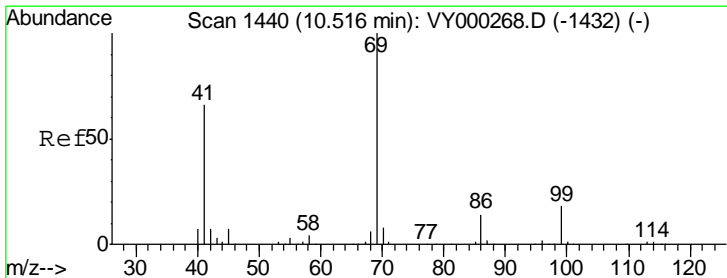
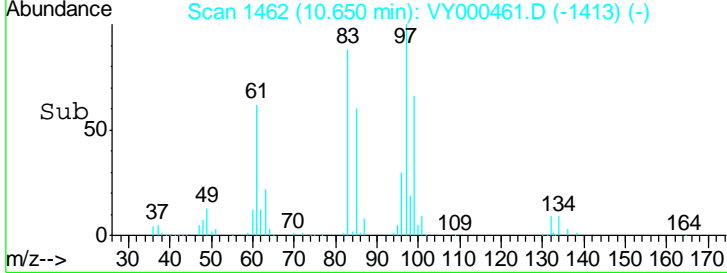
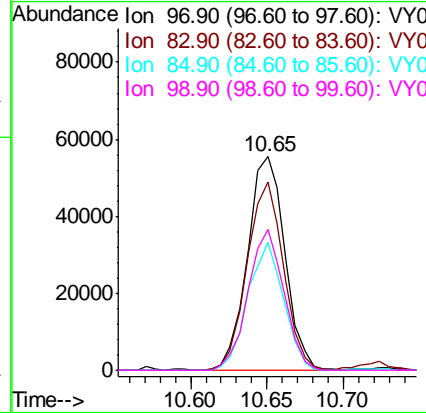
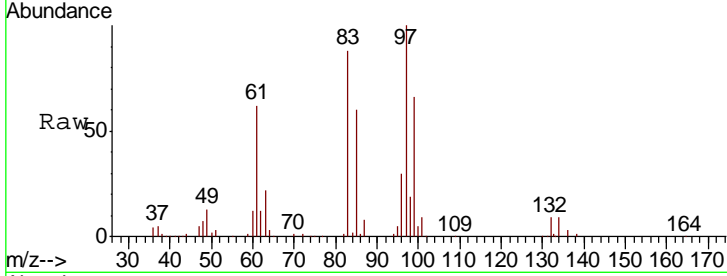
Instrument : MSVOA\_Y  
 ClientSampleId : VSTDCCC050EC

Tgt Ion: 97 Resp: 93684

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 88.1  | 69.0  | 103.6 |
| 85  | 59.9  | 46.2  | 69.4  |
| 99  | 66.2  | 51.1  | 76.7  |

Manual Integrations  
 APPROVED

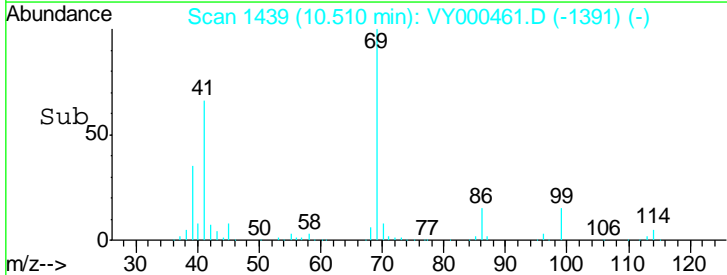
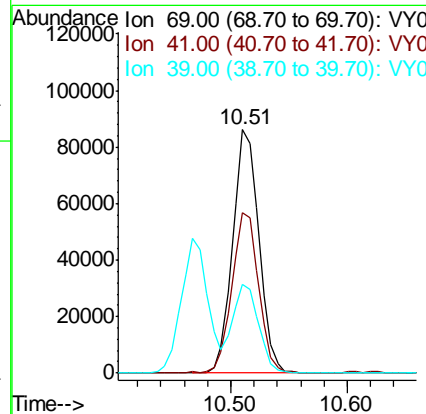
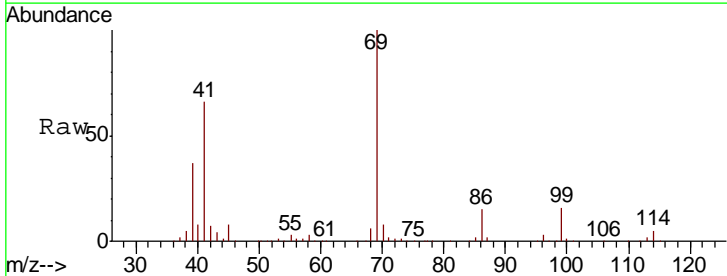
MMDadoda  
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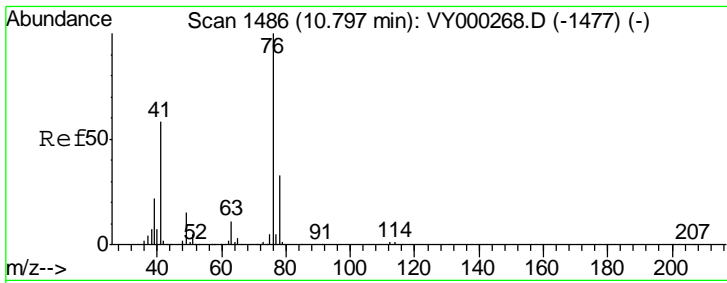
#56  
 Ethyl methacrylate  
 Concen: 53.559 ug/l  
 RT: 10.51 min Scan# 1439  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Tgt Ion: 69 Resp: 134933

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 67.5  | 52.5  | 78.7  |
| 39  | 35.9  | 26.7  | 40.1  |





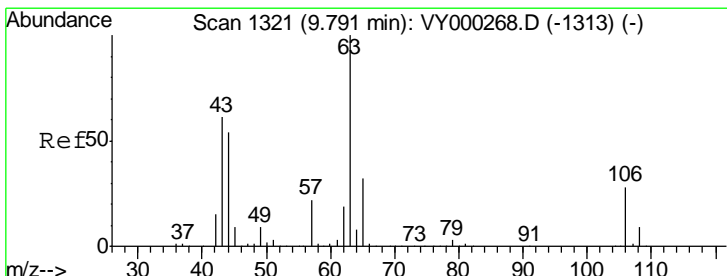
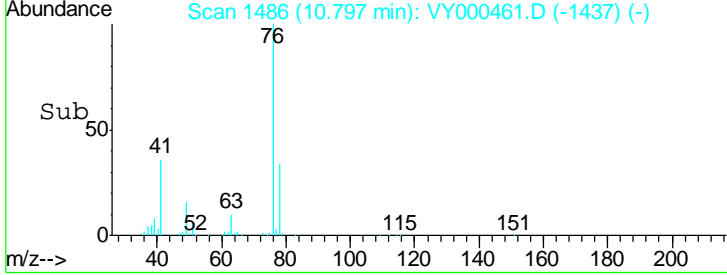
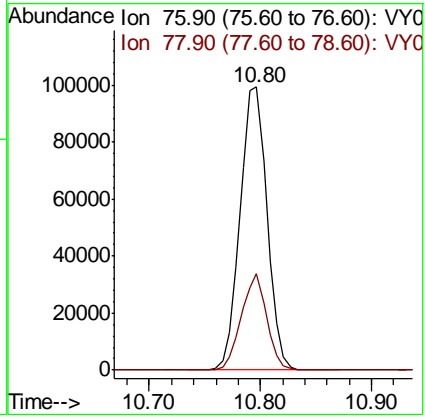
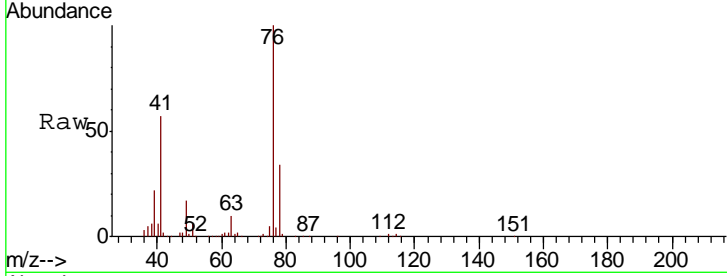


#57  
 1,3-Dichloropropane  
 Concen: 54.959 ug/l  
 RT: 10.80 min Scan# 1486  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument : MSVOA\_Y  
 ClientSampleId : VSTDCCC050EC

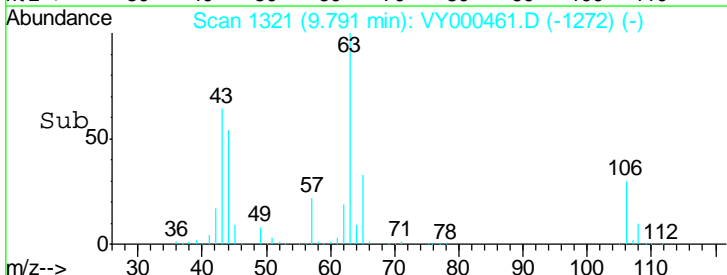
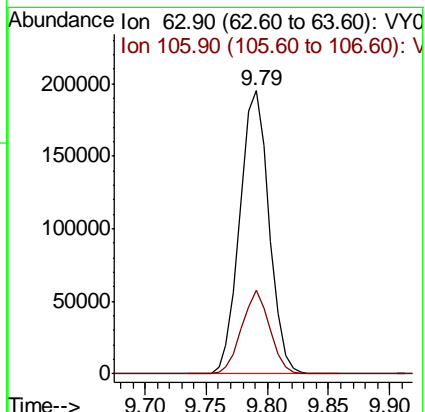
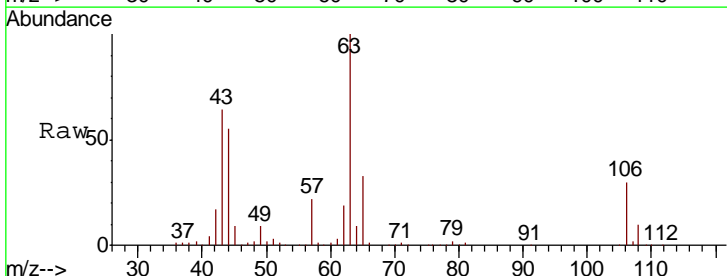
| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 76      | 166827 |       |       |
| 76      | 100    |       |       |
| 78      | 32.0   | 26.2  | 39.2  |

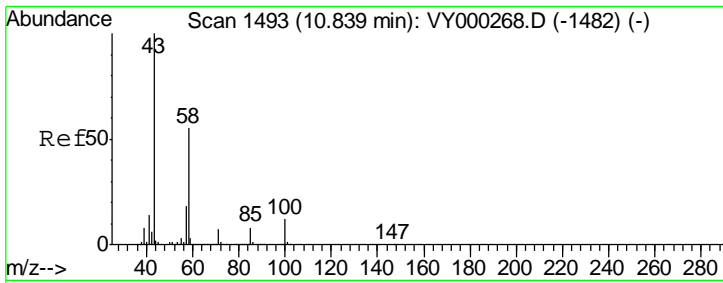
Manual Integrations  
**APPROVED**  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 322.180 ug/l  
 RT: 9.79 min Scan# 1321  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 63      | 323755 |       |       |
| 63      | 100    |       |       |
| 106     | 28.4   | 23.0  | 34.4  |





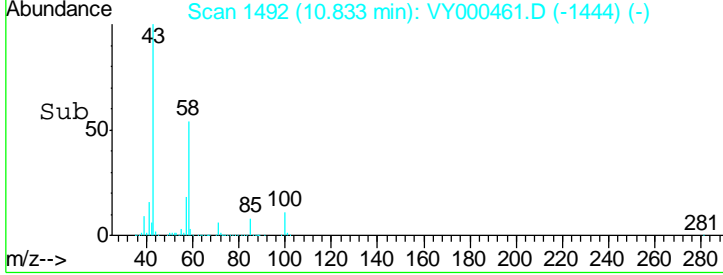
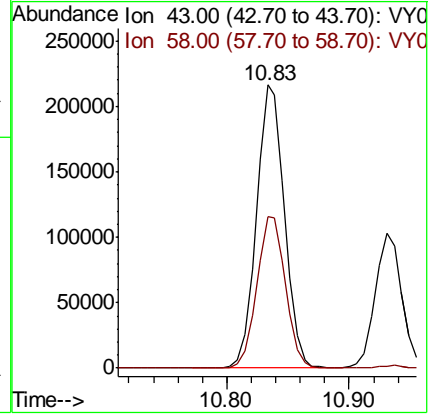
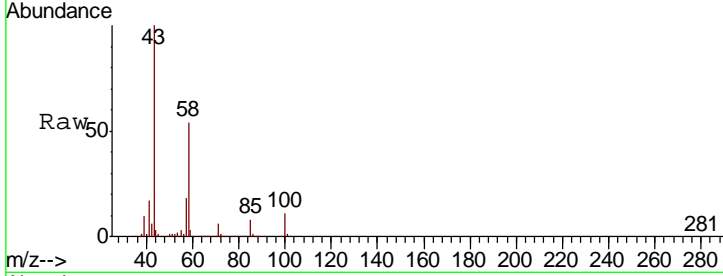
#59  
 2-Hexanone  
 Concen: 276.084 ug/l  
 RT: 10.83 min Scan# 1492  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument : MSVOA\_Y  
 ClientSampled : VSTDCCC050EC

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 43      | 100  |       |       |
| 58      | 54.7 | 27.7  | 83.1  |

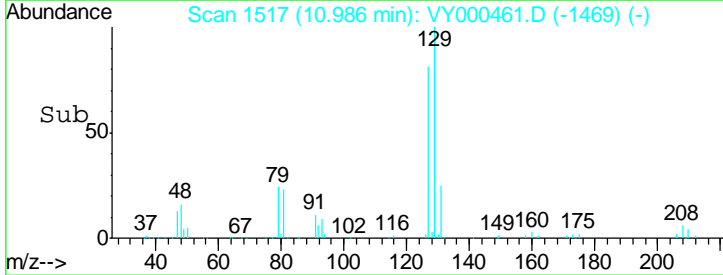
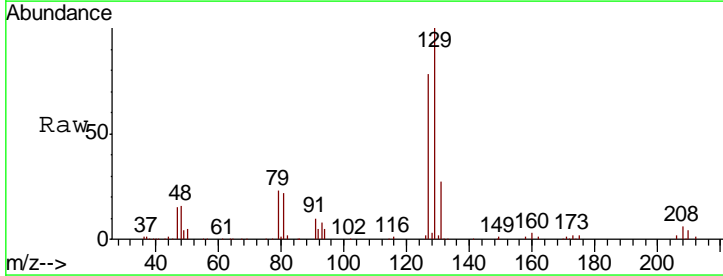
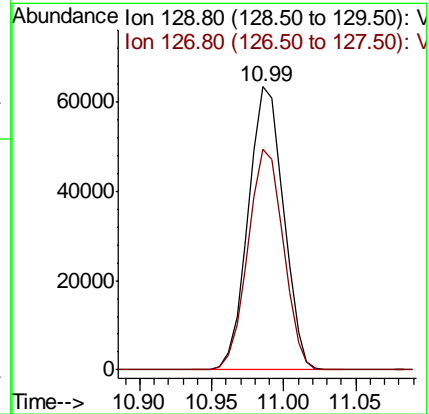
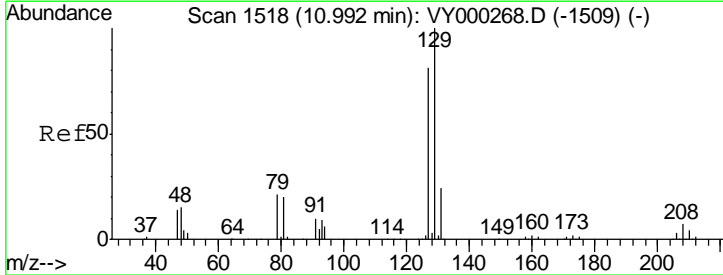
Manual Integrations  
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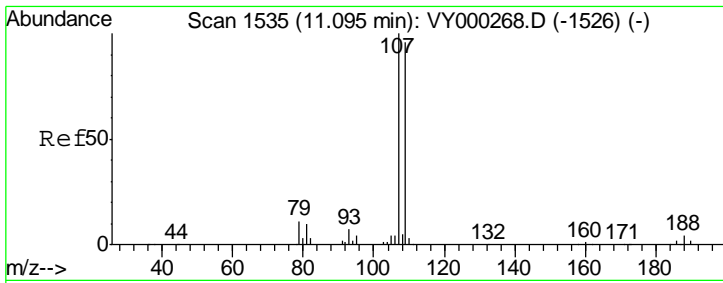
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#60  
 Dibromochloromethane  
 Concen: 54.849 ug/l  
 RT: 10.99 min Scan# 1517  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 129     | 100  |       |       |
| 127     | 78.4 | 39.9  | 119.7 |





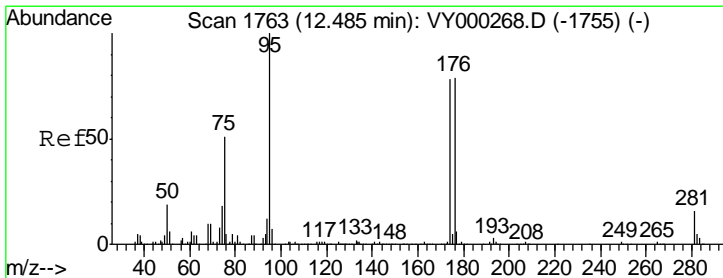
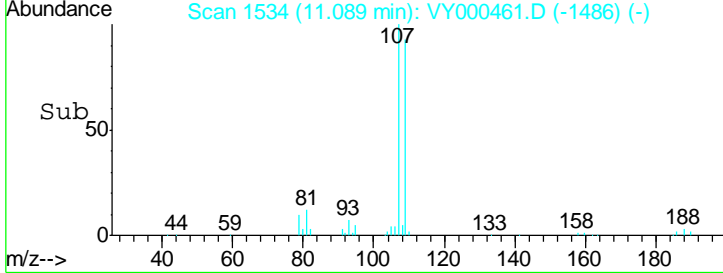
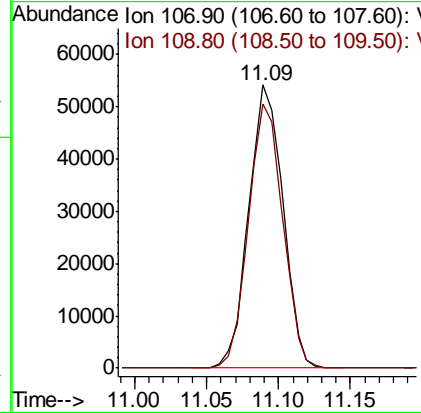
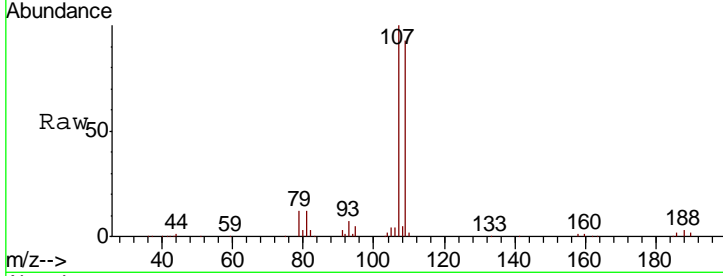
#61  
 1,2-Dibromoethane  
 Concen: 52.383 ug/l  
 RT: 11.09 min Scan# 1534  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument : MSVOA\_Y  
 ClientSampled : VSTDCCC050EC

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 107     | 100  |       |       |
| 109     | 93.6 | 75.1  | 112.7 |

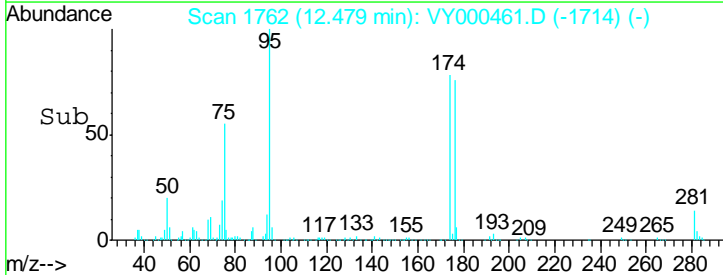
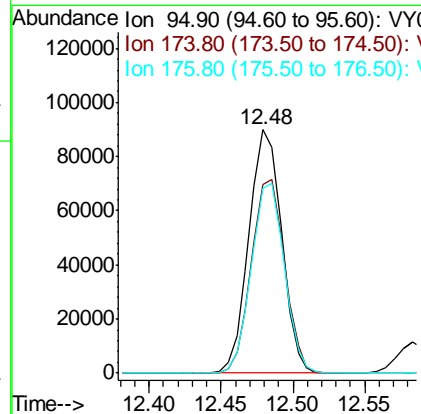
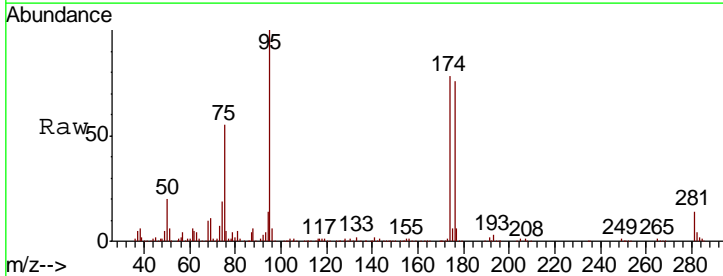
Manual Integrations  
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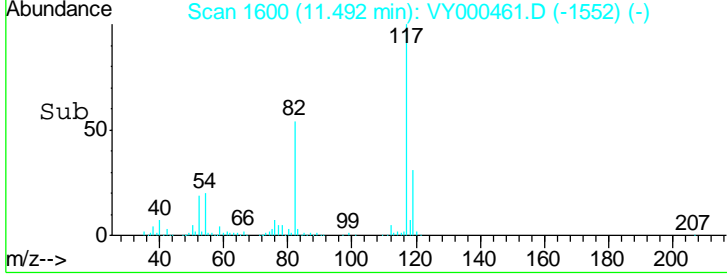
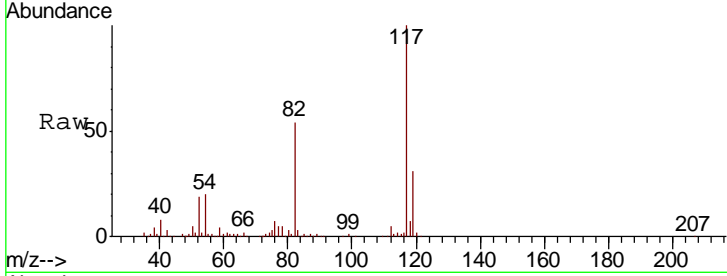
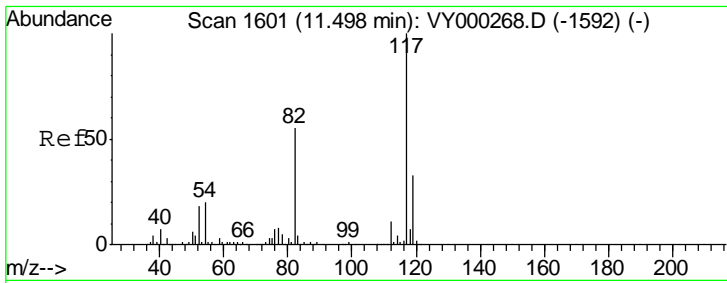
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 10/29/2019 2:06:10 PM



#62  
 4-Bromofluorobenzene  
 Concen: 51.211 ug/l  
 RT: 12.48 min Scan# 1762  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 95      | 100  |       |       |
| 174     | 81.1 | 0.0   | 159.6 |
| 176     | 78.5 | 0.0   | 153.8 |



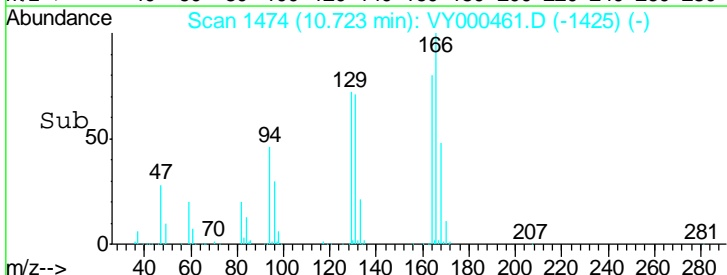
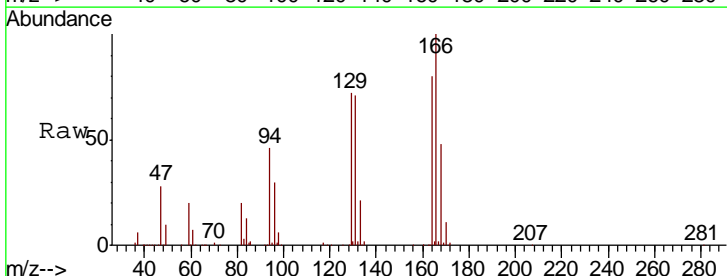
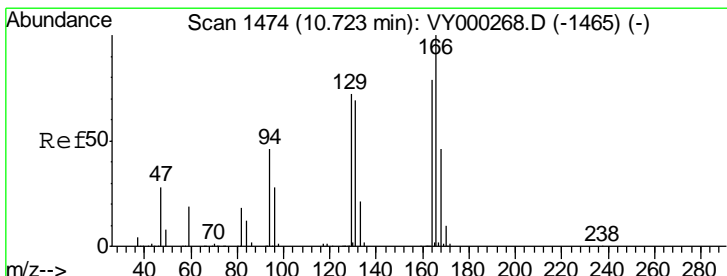
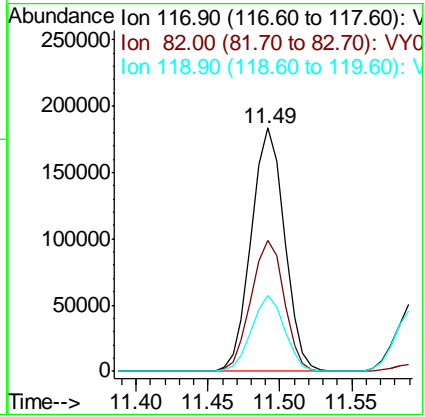


#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 11.49 min Scan# 1600  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 117     | 100  |       |       |
| 82      | 53.8 | 43.7  | 65.5  |
| 119     | 31.2 | 26.6  | 39.8  |

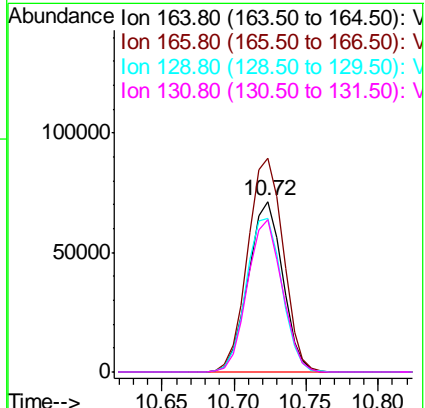
Instrument : MSVOA\_Y  
 ClientSampled : VSTDCCC050EC

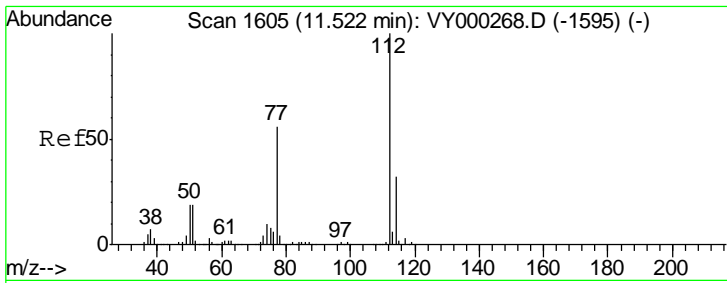
Manual Integrations APPROVED  
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 10/29/2019 2:06:10 PM



#64  
 Tetrachloroethene  
 Concen: 42.121 ug/l  
 RT: 10.72 min Scan# 1474  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 125.1 | 100.6 | 151.0 |
| 129     | 89.7  | 72.8  | 109.2 |
| 131     | 89.3  | 69.4  | 104.2 |





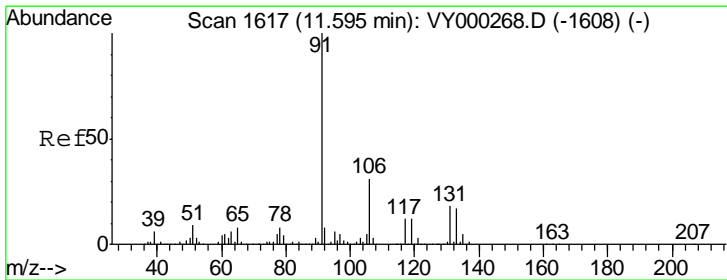
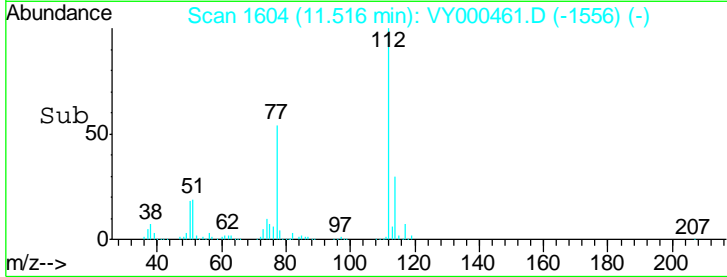
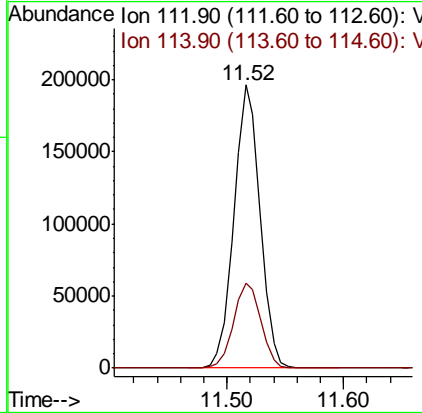
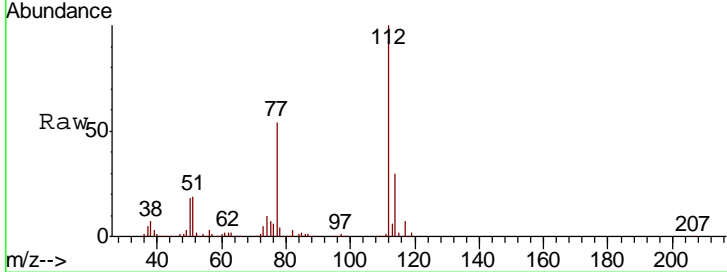
#65  
 Chlorobenzene  
 Concen: 49.391 ug/l  
 RT: 11.52 min Scan# 1604  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument : MSVOA\_Y  
 ClientSampled : VSTDCCC050EC

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 112     | 305633 |       |       |
| 114     | 29.8   | 25.7  | 38.5  |

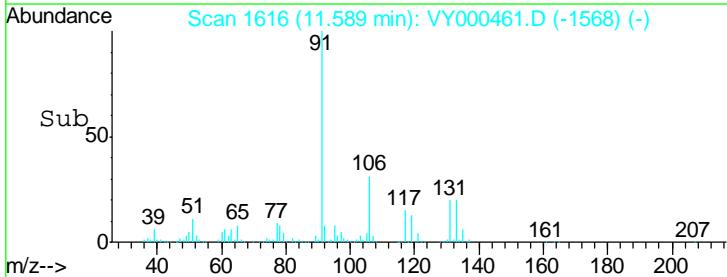
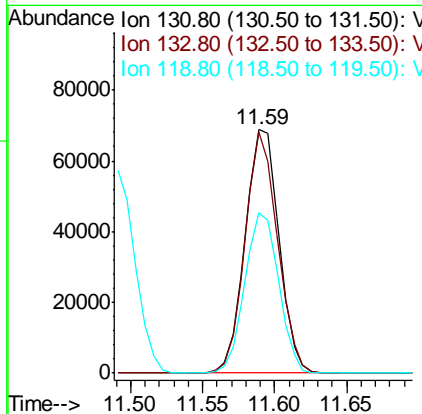
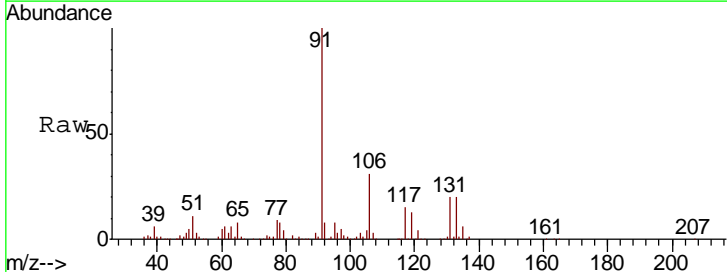
Manual Integrations  
 APPROVED

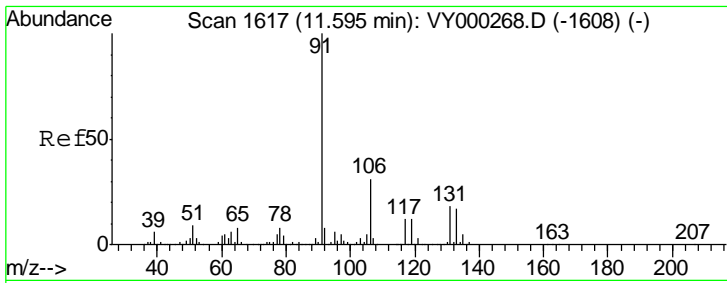
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#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 51.460 ug/l  
 RT: 11.59 min Scan# 1616  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 131     | 111860 |       |       |
| 133     | 95.1   | 47.2  | 141.6 |
| 119     | 66.1   | 32.6  | 98.0  |





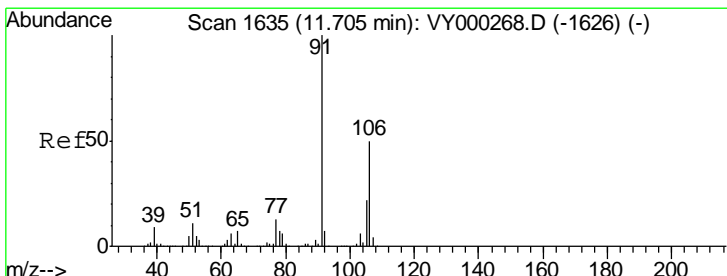
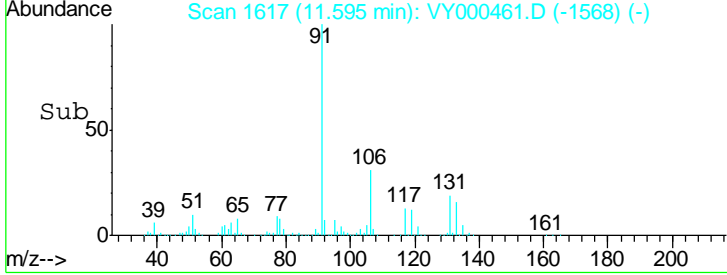
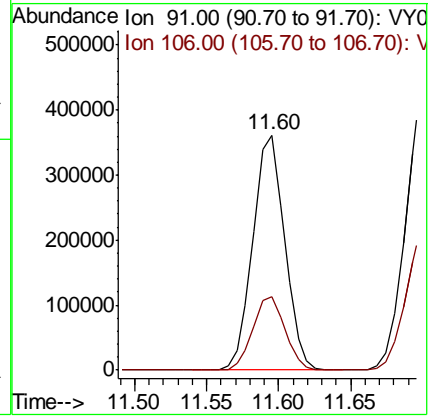
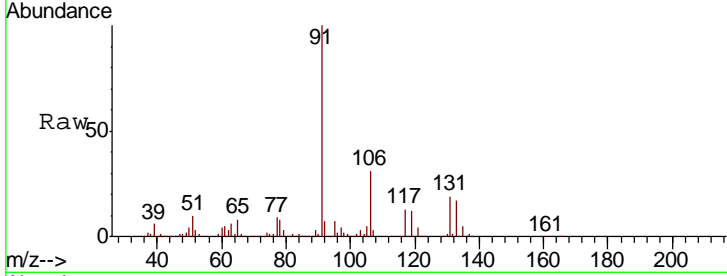
#67  
Ethyl Benzene  
Concen: 47.994 ug/l  
RT: 11.60 min Scan# 1617  
Delta R.T. -0.00 min  
Lab File: VY000461.D  
Acq: 28 Oct 2019 17:42

Instrument : MSVOA\_Y  
ClientSampled : VSTDCCC050EC

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 91      | 100  |       |       |
| 106     | 31.4 | 25.0  | 37.6  |

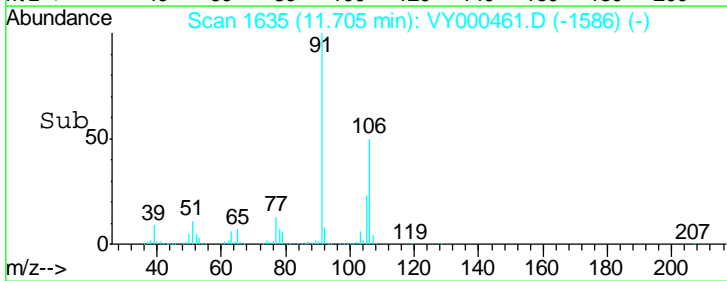
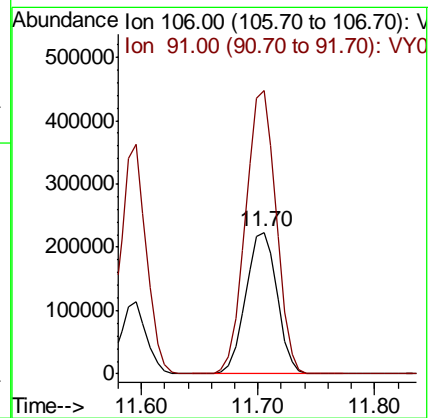
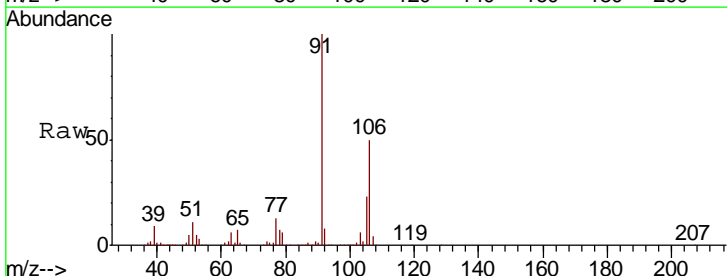
Manual Integrations  
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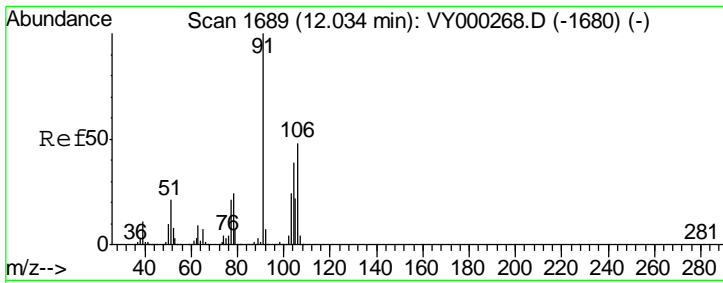
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#68  
m/p-Xylenes  
Concen: 95.861 ug/l  
RT: 11.70 min Scan# 1635  
Delta R.T. -0.00 min  
Lab File: VY000461.D  
Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 196.0 | 157.5 | 236.3 |





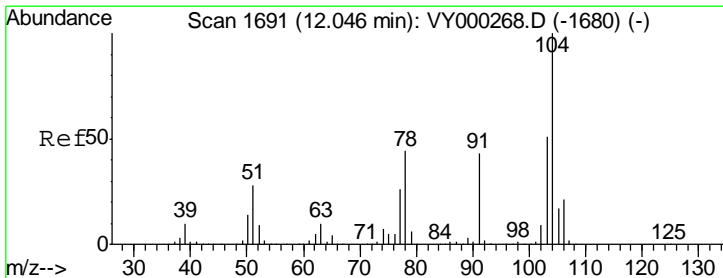
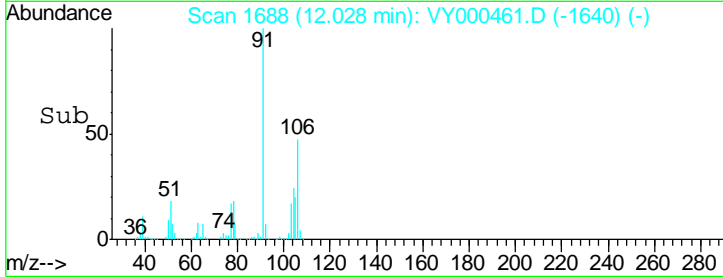
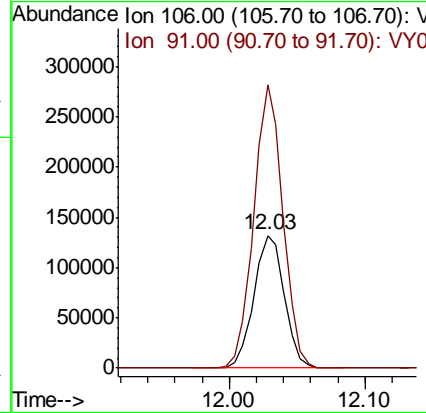
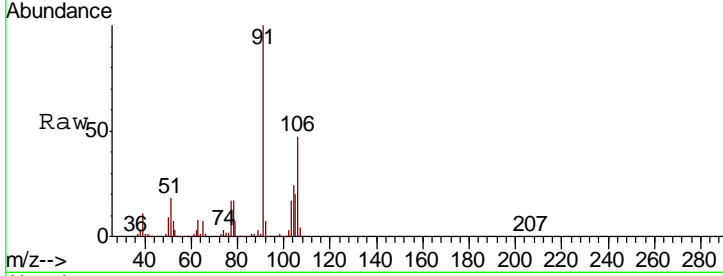
#69  
 o-Xylene  
 Concen: 49.345 ug/l  
 RT: 12.03 min Scan# 1688  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument : MSVOA\_Y  
 ClientSampled : VSTDCCC050EC

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 106     | 206430 |       |       |
| 106     | 100    |       |       |
| 91      | 205.2  | 104.7 | 313.9 |

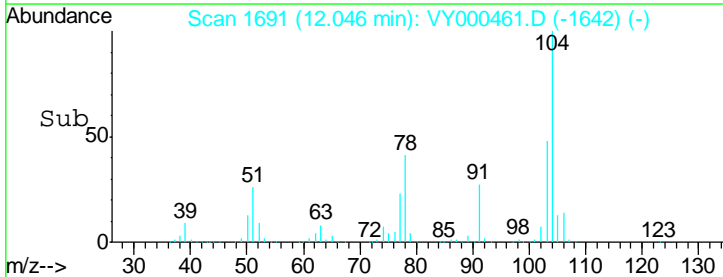
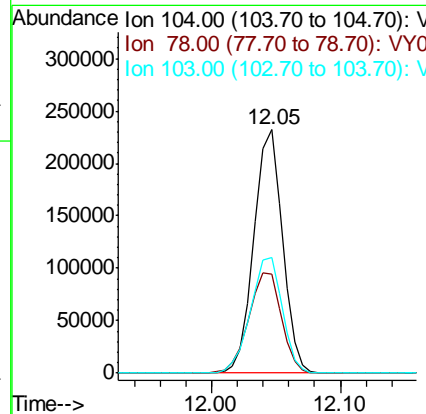
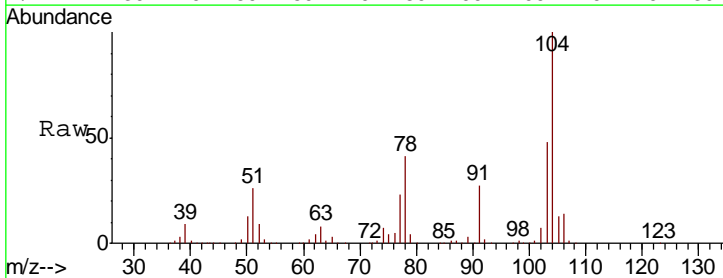
Manual Integrations  
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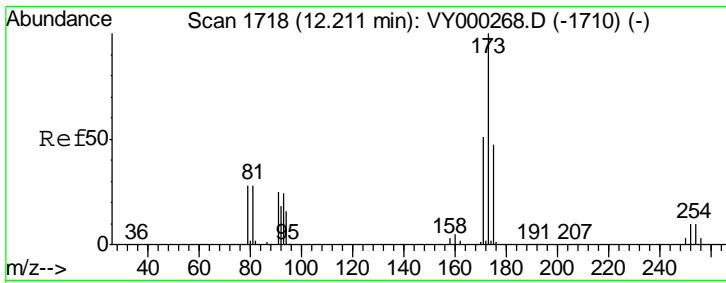
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 10/29/2019 2:06:10 PM



#70  
 Styrene  
 Concen: 50.345 ug/l  
 RT: 12.05 min Scan# 1691  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 104     | 355197 |       |       |
| 104     | 100    |       |       |
| 78      | 47.5   | 39.0  | 58.6  |
| 103     | 52.9   | 43.1  | 64.7  |





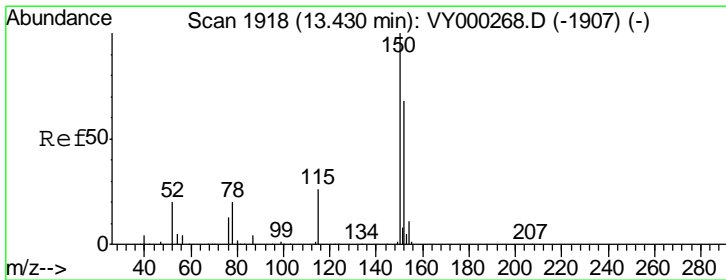
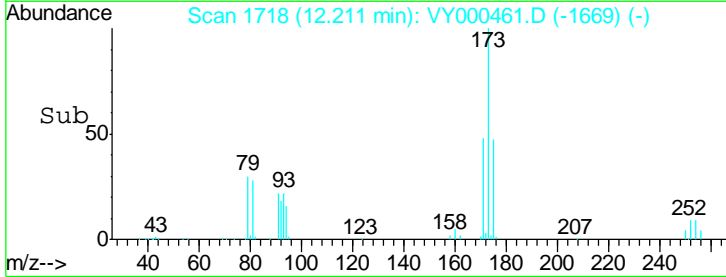
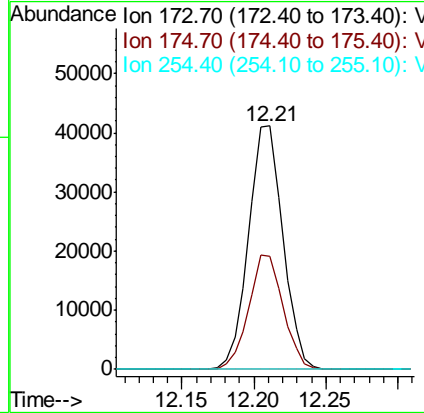
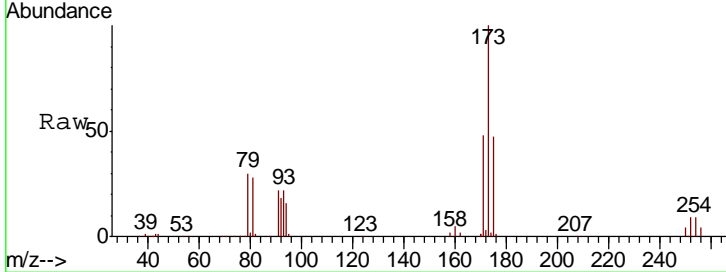
#71  
 Bromoform  
 Concen: 54.087 ug/l  
 RT: 12.21 min Scan# 1718  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

**Instrument :**  
 MSVOA\_Y  
**ClientSampled :**  
 VSTDCCC050EC

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 173     | 100  |       |       |
| 175     | 46.8 | 24.6  | 73.6  |
| 254     | 0.0  | 0.1   | 0.1#  |

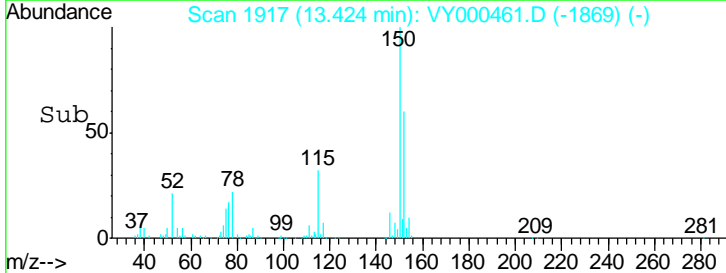
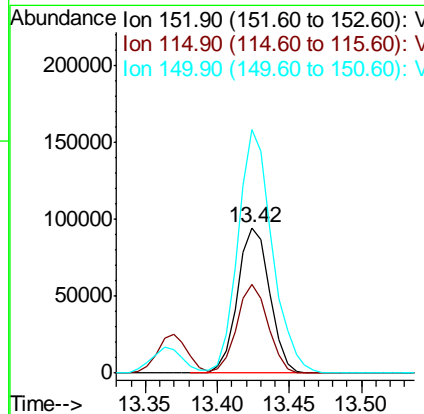
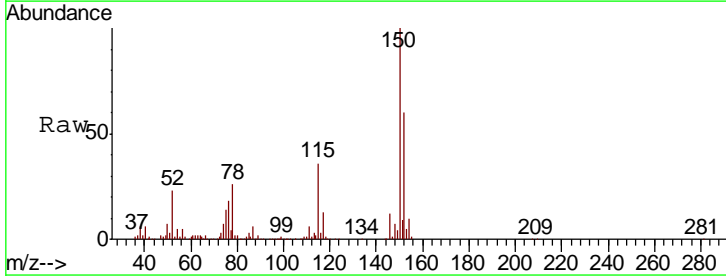
**Manual Integrations**  
**APPROVED**

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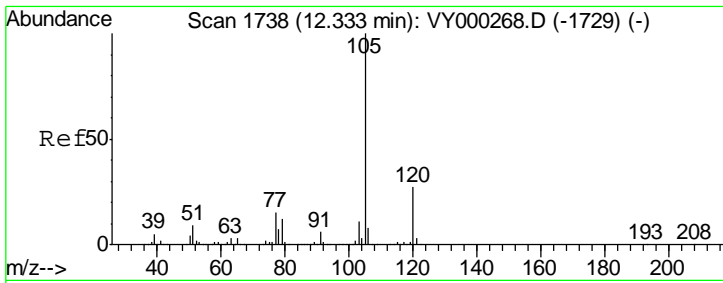


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 13.42 min Scan# 1917  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 59.4  | 29.3  | 88.0  |
| 150     | 177.0 | 0.0   | 348.4 |







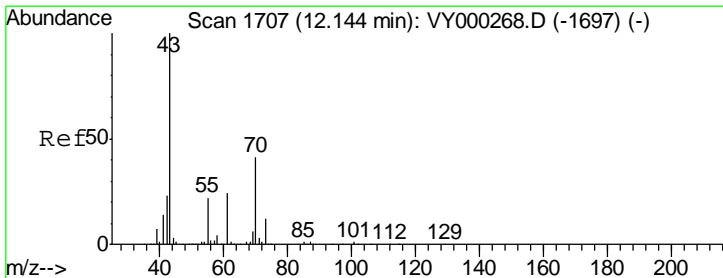
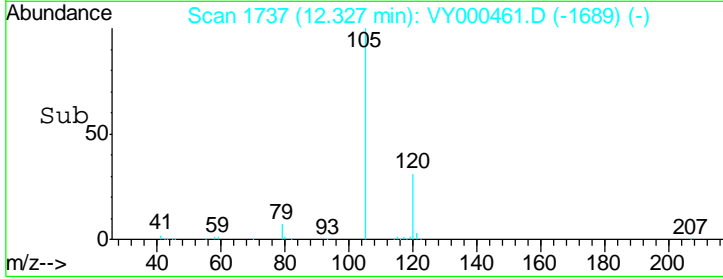
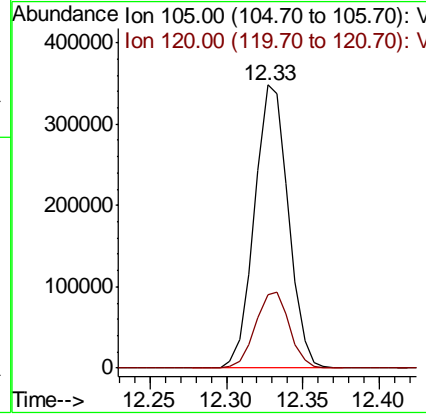
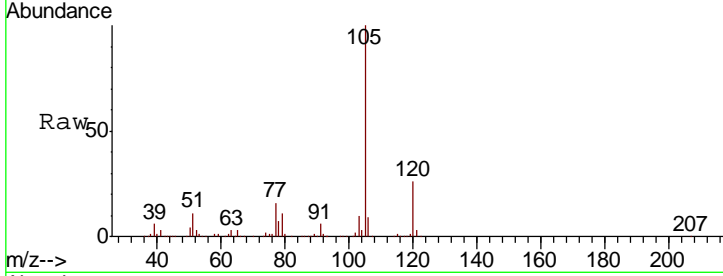
#73  
 Isopropylbenzene  
 Concen: 46.639 ug/l  
 RT: 12.33 min Scan# 1737  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument : MSVOA\_Y  
 ClientSampled : VSTDCCC050EC

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 105     | 100  |       |       |
| 120     | 27.0 | 13.4  | 40.2  |

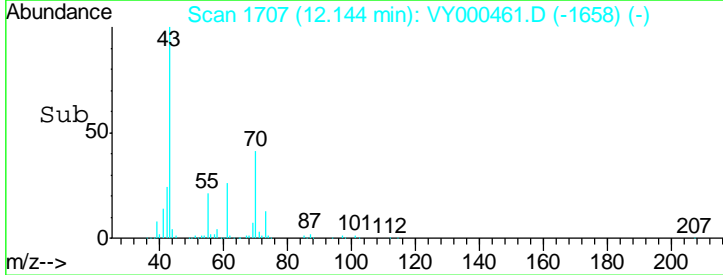
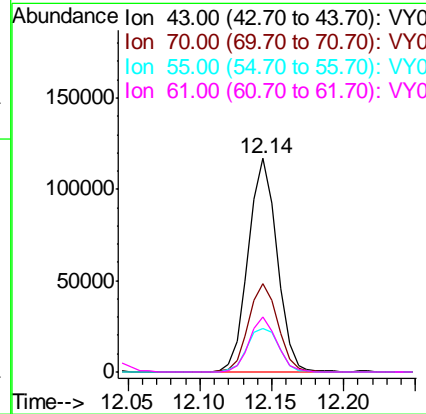
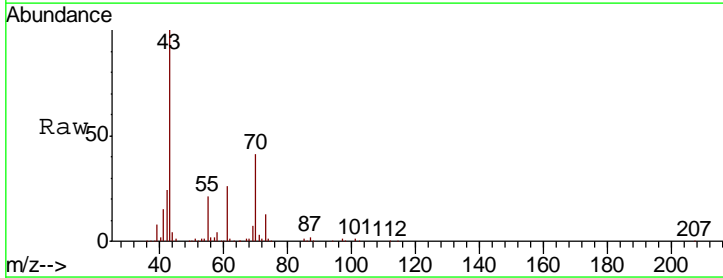
Manual Integrations  
 APPROVED

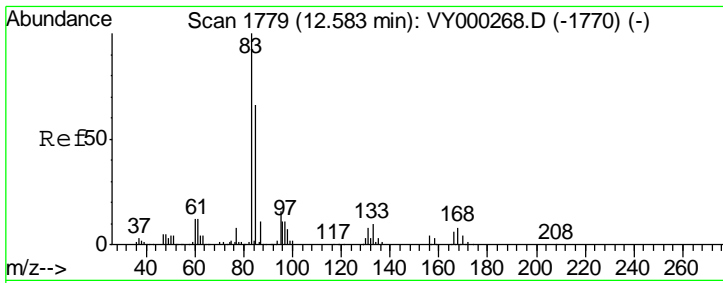
MMDadoda  
 10/29/2019 2:06:10 PM



#74  
 N-nyl acetate  
 Concen: 57.674 ug/l  
 RT: 12.14 min Scan# 1707  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 43      | 100  |       |       |
| 70      | 42.0 | 32.9  | 49.3  |
| 55      | 22.6 | 17.8  | 26.6  |
| 61      | 24.7 | 19.5  | 29.3  |





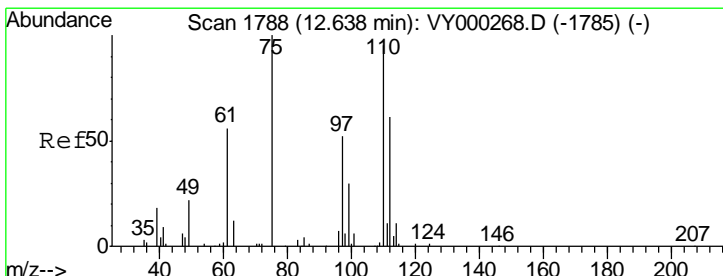
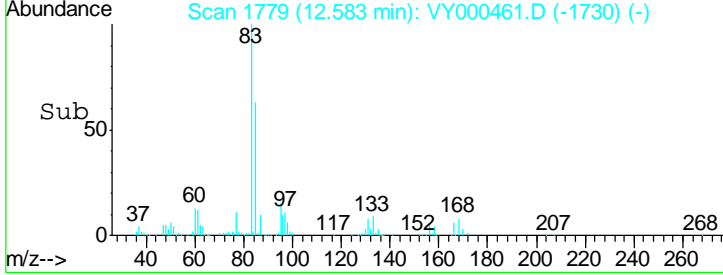
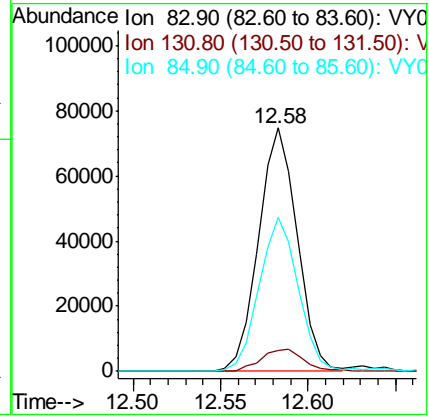
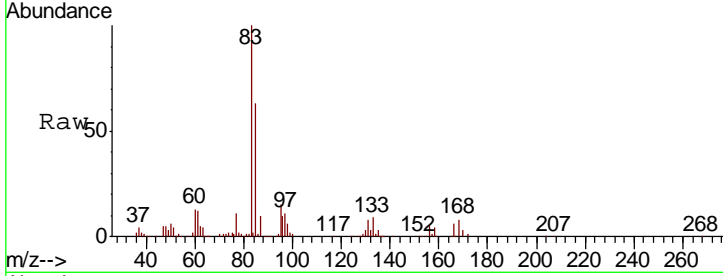
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 53.315 ug/l  
 RT: 12.58 min Scan# 1779  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument : MSVOA\_Y  
 ClientSampled : VSTDCCC050EC

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 83      | 114813 |       |       |
| 131     | 10.3   | 5.3   | 16.1  |
| 85      | 63.9   | 32.9  | 98.7  |

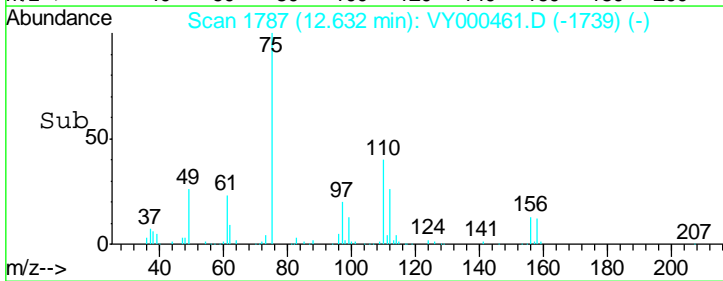
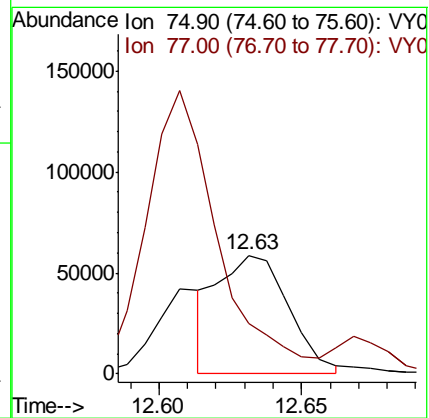
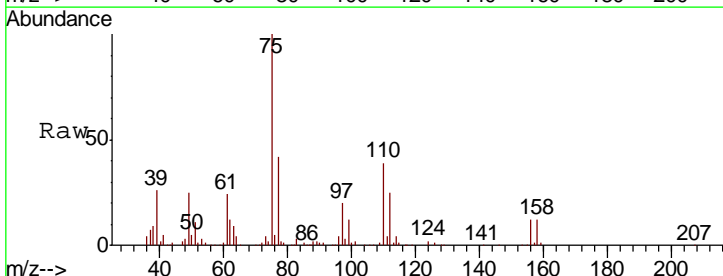
Manual Integrations  
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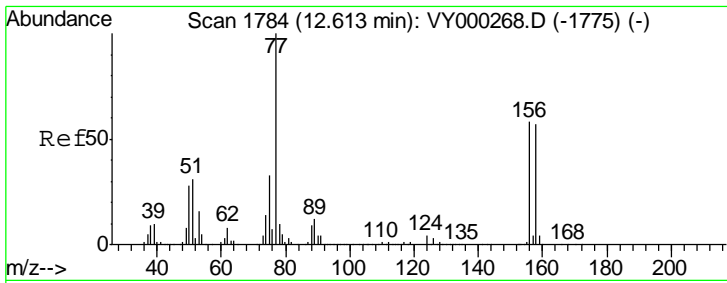
MMDadoda  
 10/29/2019 2:06:10 PM



#76  
 1,2,3-Trichloropropane  
 Concen: 56.570 ug/l m  
 RT: 12.63 min Scan# 1787  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 75      | 102322 |       |       |
| 77      | 0.0    | 0.0   | 0.0   |





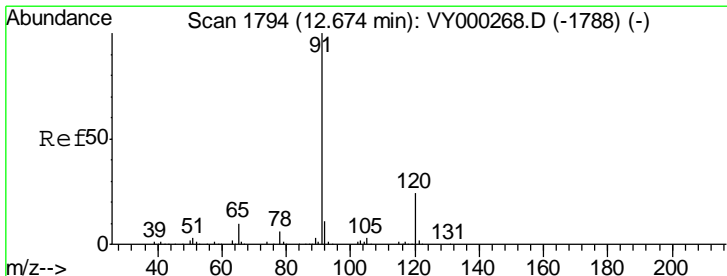
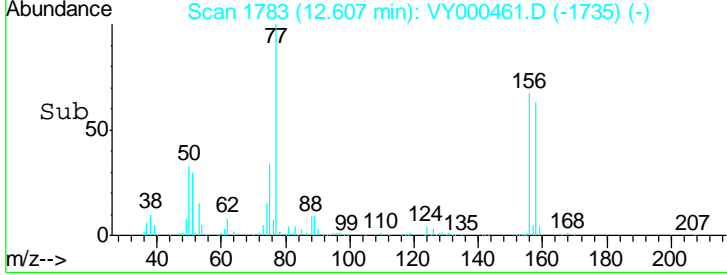
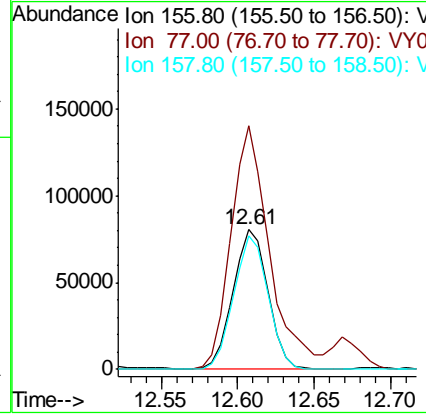
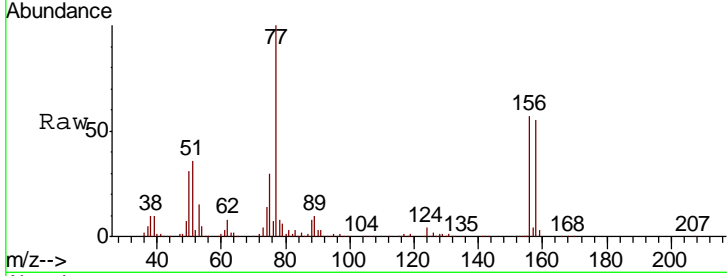
#77  
 Bromobenzene  
 Concen: 49.281 ug/l  
 RT: 12.61 min Scan# 1783  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument : MSVOA\_Y  
 ClientSampled : VSTDCCC050EC

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 156     | 125777 |       |       |
| 77      | 195.7  | 101.0 | 302.9 |
| 158     | 95.1   | 49.7  | 149.1 |

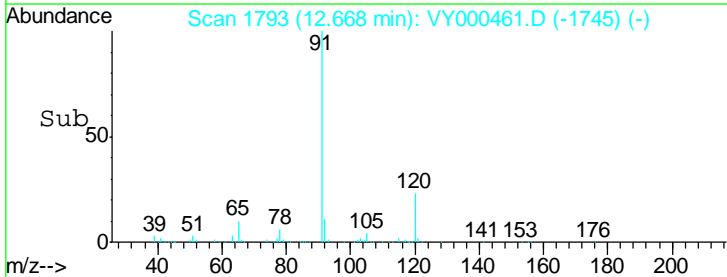
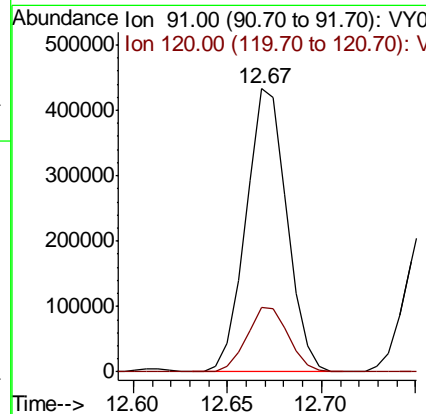
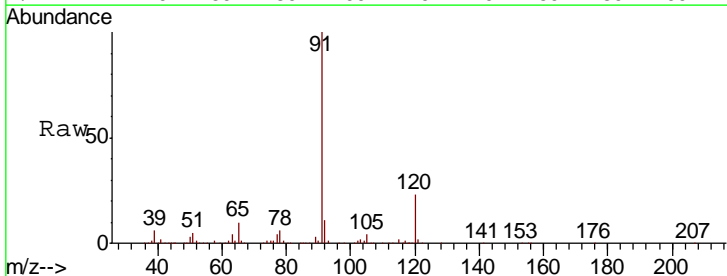
Manual Integrations  
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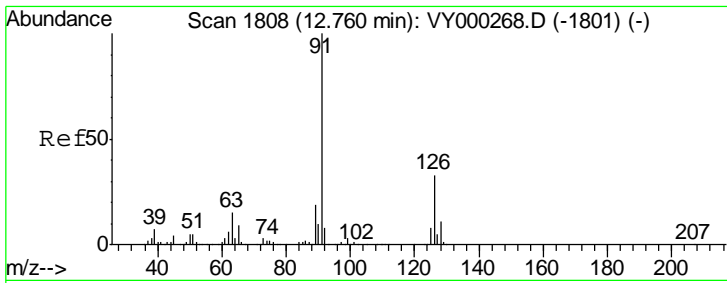
MMDadoda  
 10/29/2019 2:06:10 PM



#78  
 n-propylbenzene  
 Concen: 47.146 ug/l  
 RT: 12.67 min Scan# 1793  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 91      | 649247 |       |       |
| 120     | 23.1   | 11.5  | 34.5  |





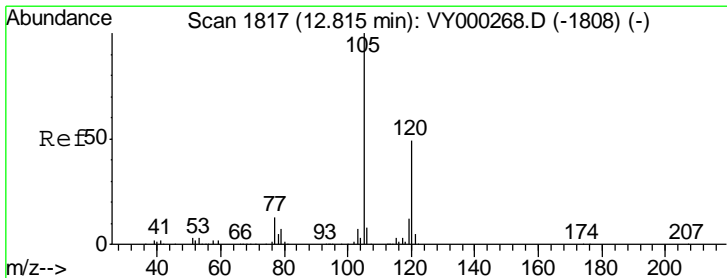
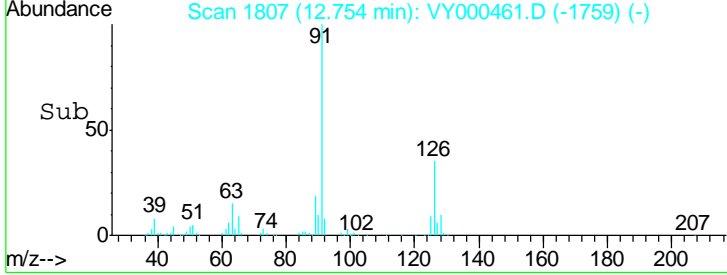
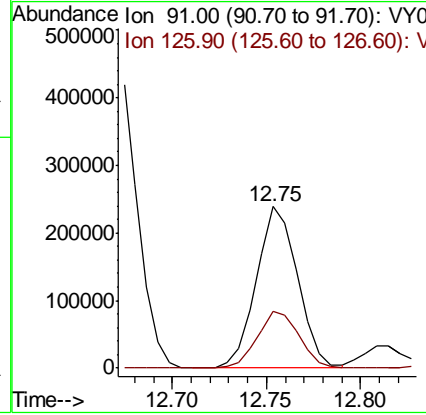
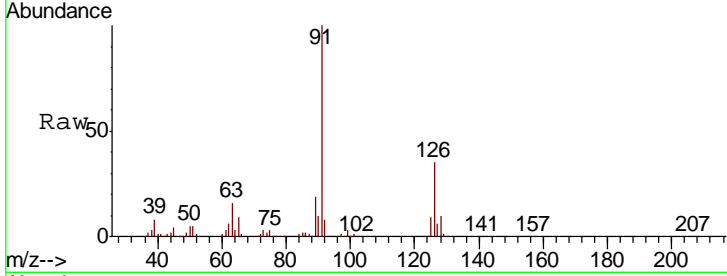
#79  
 2-Chlorotoluene  
 Concen: 47.782 ug/l  
 RT: 12.75 min Scan# 1807  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument : MSVOA\_Y  
 ClientSampled : VSTDCCC050EC

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 91      | 100  |       |       |
| 126     | 35.5 | 17.1  | 51.3  |

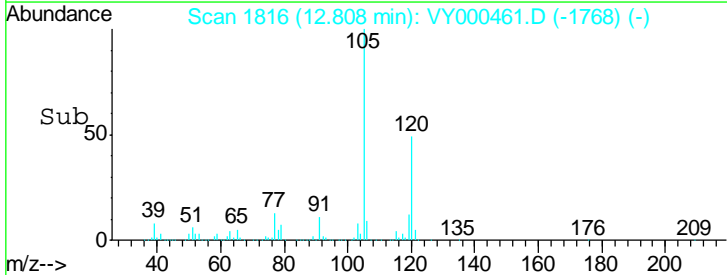
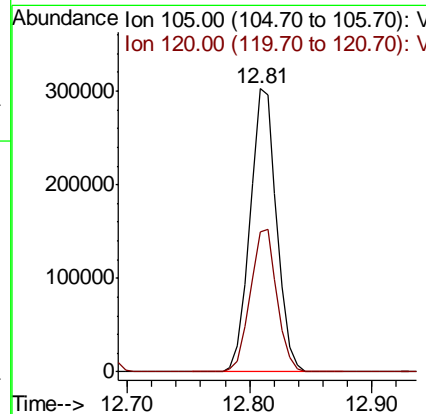
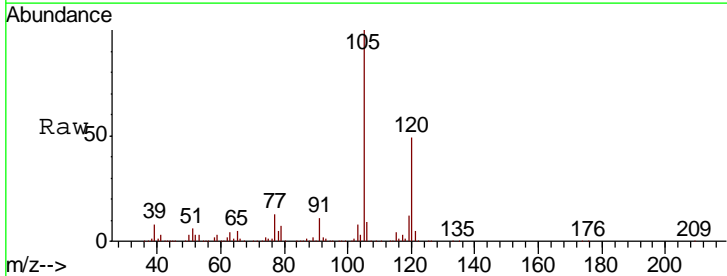
Manual Integrations  
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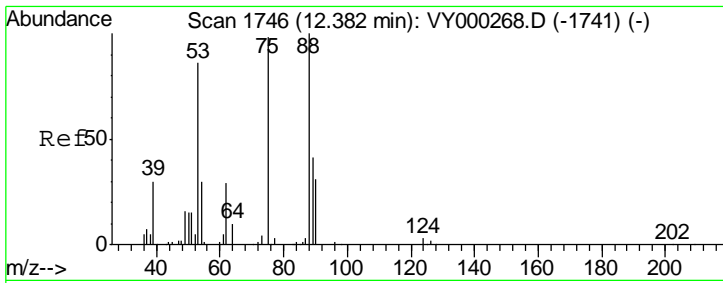
MMDadoda  
 10/29/2019 2:06:10 PM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 47.404 ug/l  
 RT: 12.81 min Scan# 1816  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 105     | 100  |       |       |
| 120     | 50.4 | 24.9  | 74.8  |





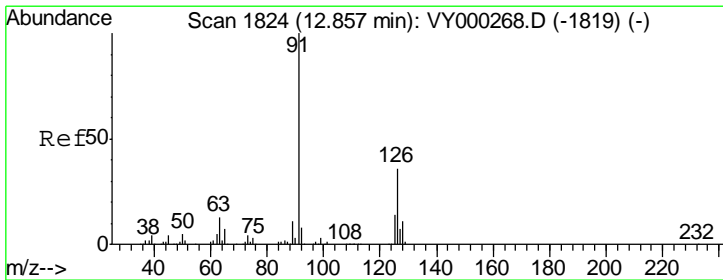
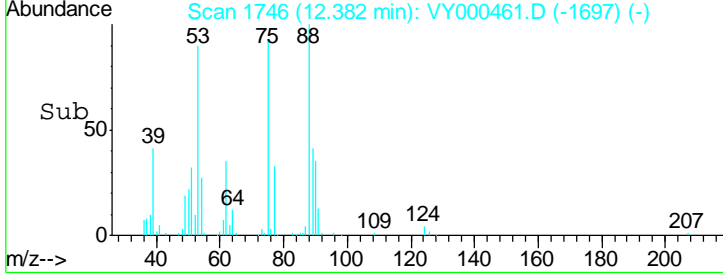
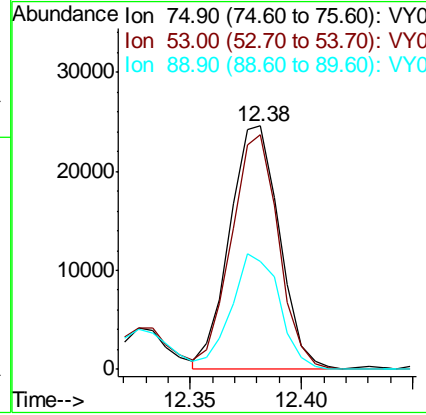
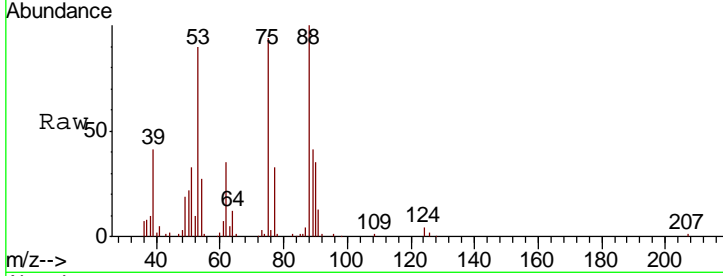
#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 46.308 ug/l  
 RT: 12.38 min Scan# 1746  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument : MSVOA\_Y  
 ClientSampleId : VSTDCCC050EC

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 38282 |       |       |
| 75      | 100   |       |       |
| 53      | 91.6  | 71.3  | 106.9 |
| 89      | 45.9  | 35.1  | 52.7  |

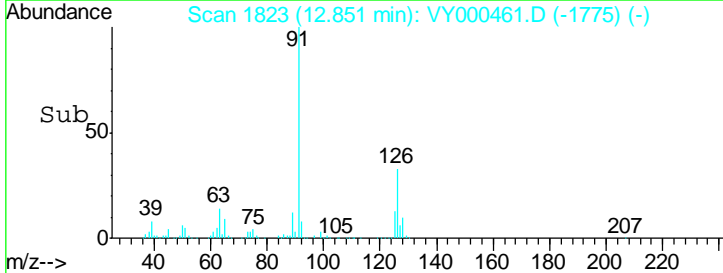
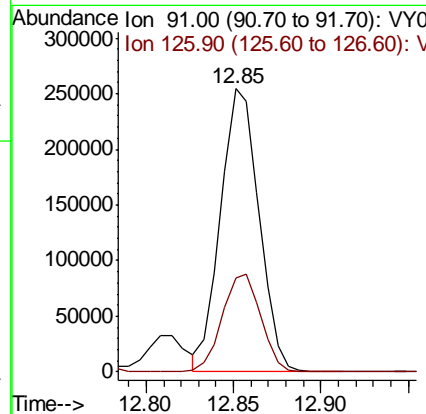
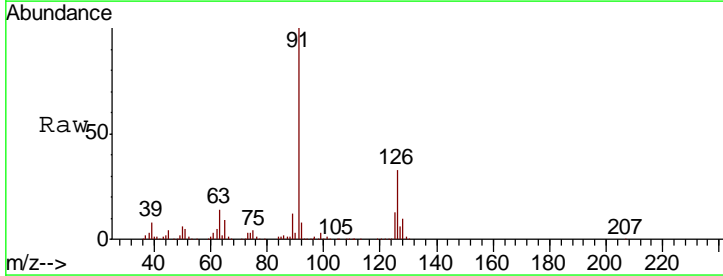
Manual Integrations  
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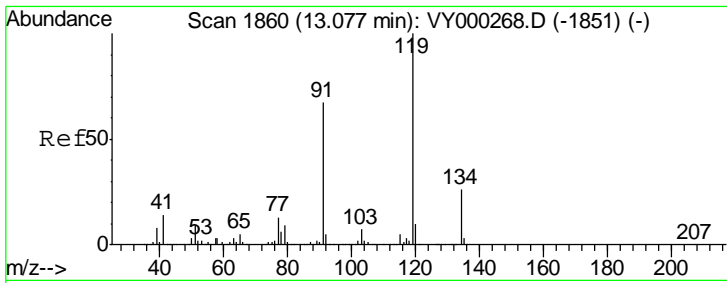
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 10/29/2019 2:06:10 PM



#82  
 4-Chlorotoluene  
 Concen: 48.488 ug/l  
 RT: 12.85 min Scan# 1823  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 91      | 389800 |       |       |
| 91      | 100    |       |       |
| 126     | 34.6   | 17.2  | 51.5  |





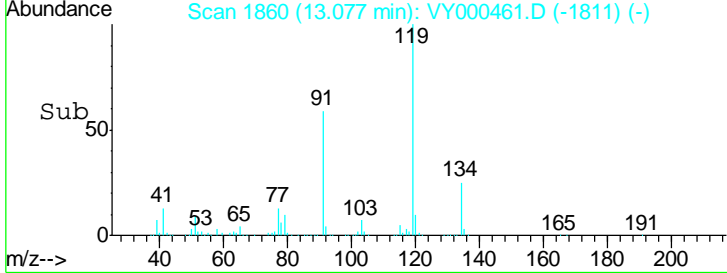
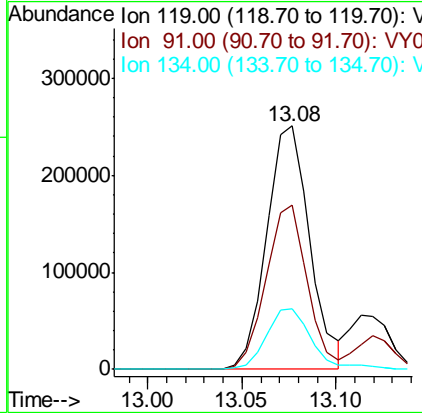
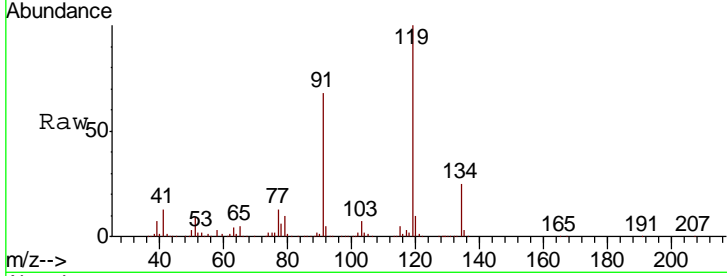
#83  
 tert-Butylbenzene  
 Concen: 48.828 ug/l  
 RT: 13.08 min Scan# 1860  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument : MSVOA\_Y  
 ClientSampled : VSTDCCC050EC

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 119     | 397681 |       |       |
| 91      | 64.7   | 32.9  | 98.7  |
| 134     | 26.2   | 13.3  | 39.8  |

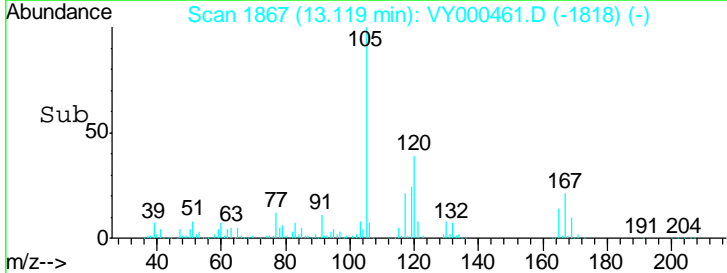
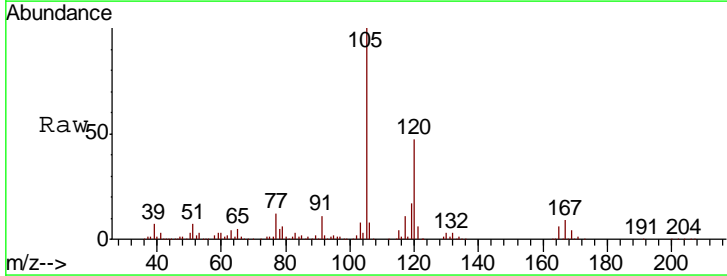
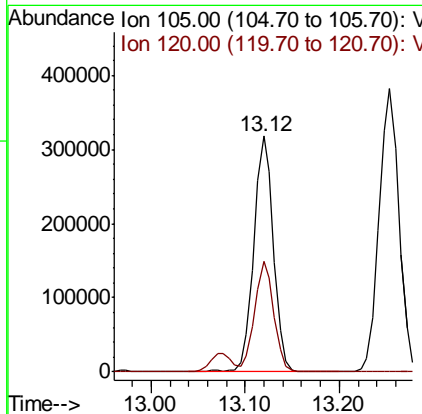
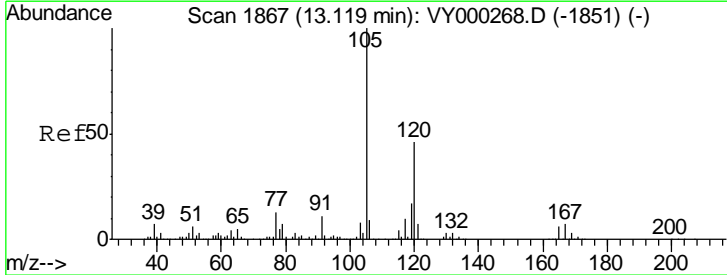
Manual Integrations  
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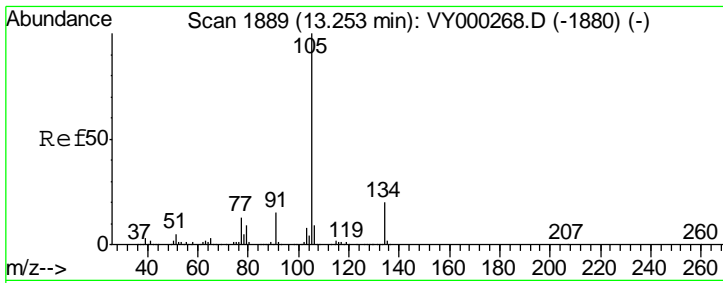
MMDadoda  
 10/29/2019 2:06:10 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 49.239 ug/l  
 RT: 13.12 min Scan# 1867  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 105     | 467380 |       |       |
| 120     | 45.4   | 22.9  | 68.8  |





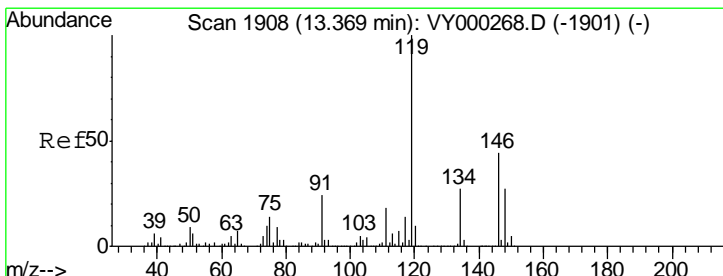
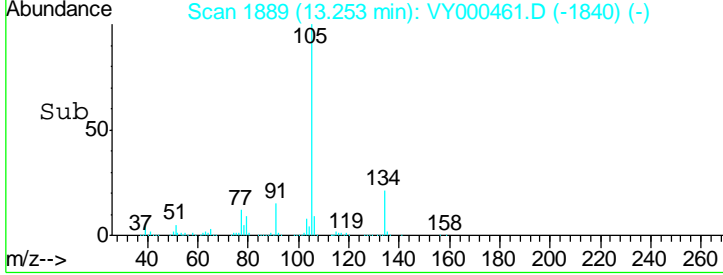
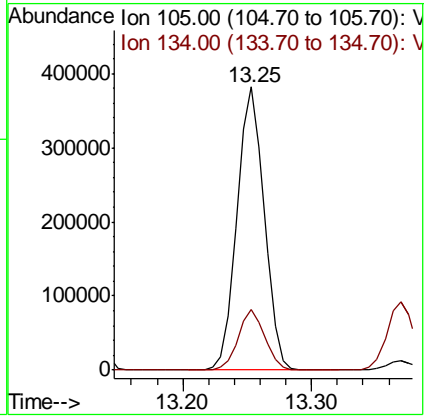
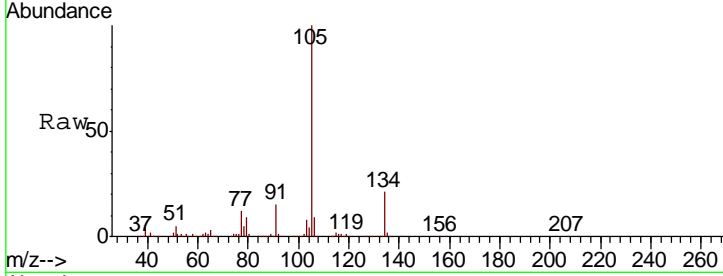
#85  
 sec-Butylbenzene  
 Concen: 47.353 ug/l  
 RT: 13.25 min Scan# 1889  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument :  
 MSVOA\_Y  
 ClientSampled :  
 VSTDCCC050EC

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 105     | 100  |       |       |
| 134     | 20.7 | 10.1  | 30.1  |

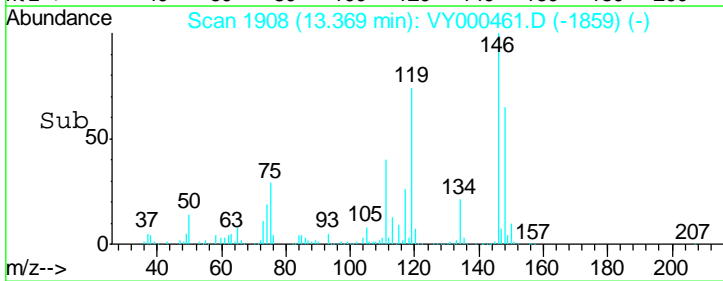
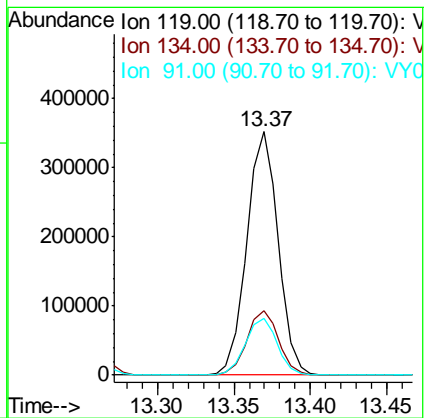
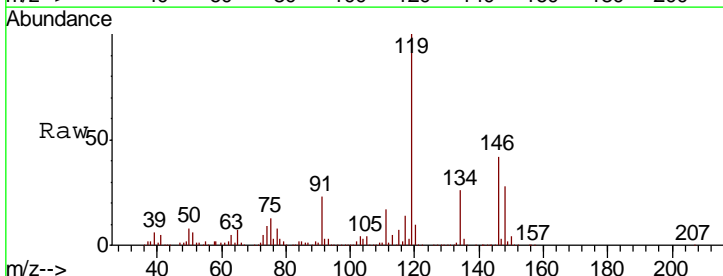
Manual Integrations  
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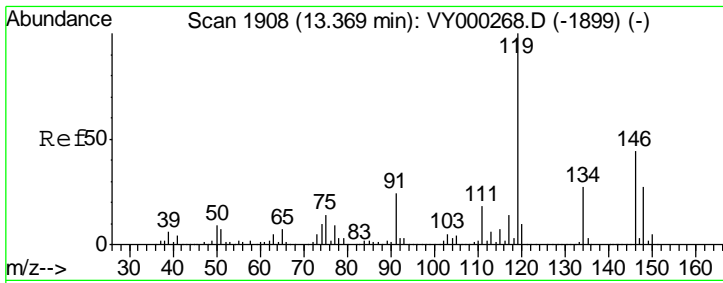
MMDadoda  
 10/29/2019 2:06:10 PM



#86  
 p-Isopropyltoluene  
 Concen: 48.743 ug/l  
 RT: 13.37 min Scan# 1908  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 119     | 100  |       |       |
| 134     | 26.5 | 13.6  | 40.8  |
| 91      | 23.7 | 12.0  | 36.1  |





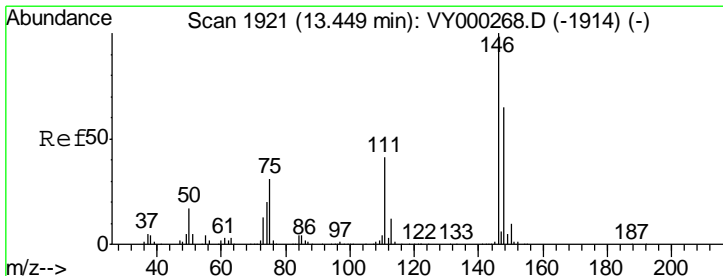
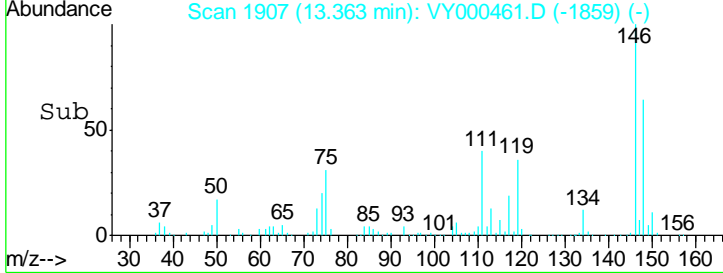
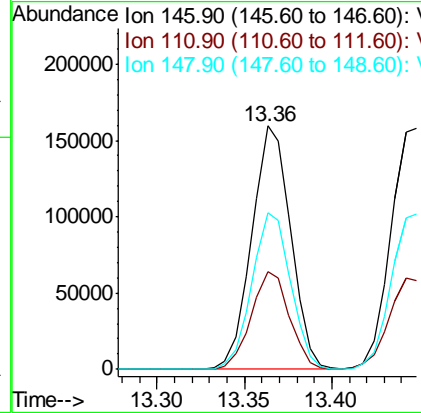
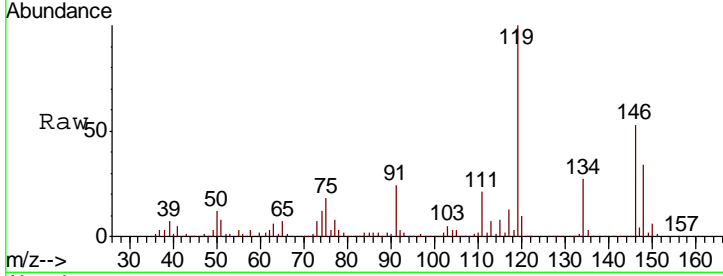
#87  
 1,3-Dichlorobenzene  
 Concen: 48.948 ug/l  
 RT: 13.36 min Scan# 1907  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument : MSVOA\_Y  
 ClientSampled : VSTDCCC050EC

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 146     | 246141 |       |       |
| 146     | 100    |       |       |
| 111     | 39.5   | 20.6  | 61.8  |
| 148     | 64.0   | 31.9  | 95.5  |

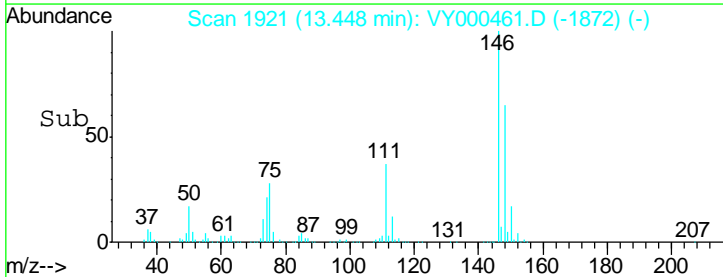
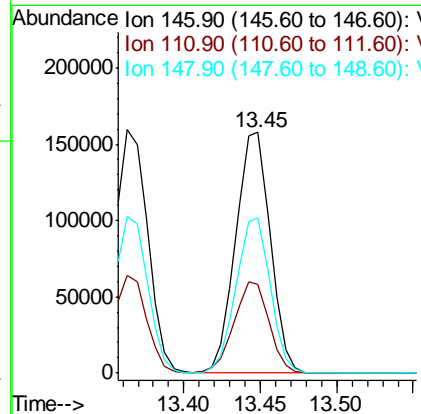
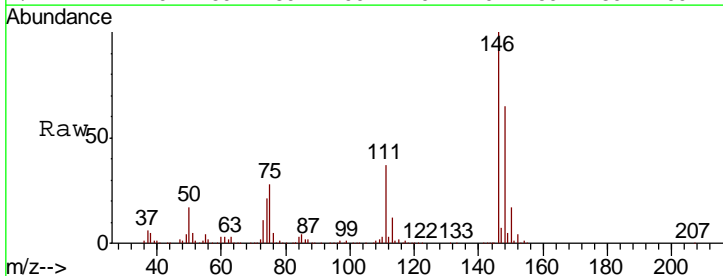
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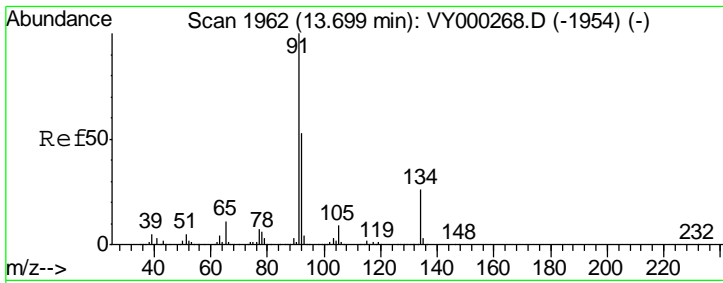


#88  
 1,4-Dichlorobenzene  
 Concen: 49.468 ug/l  
 RT: 13.45 min Scan# 1921  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 146     | 248637 |       |       |
| 146     | 100    |       |       |
| 111     | 38.3   | 20.1  | 60.2  |
| 148     | 63.8   | 32.4  | 97.2  |





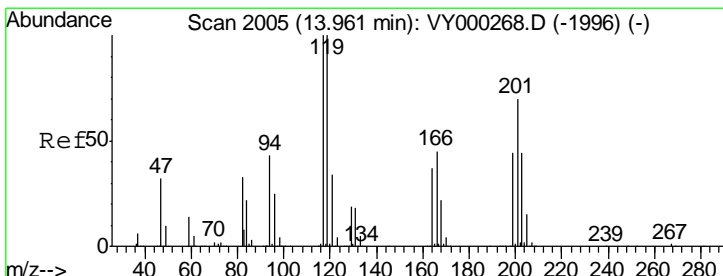
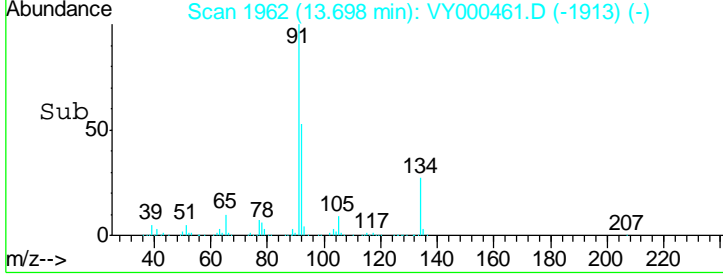
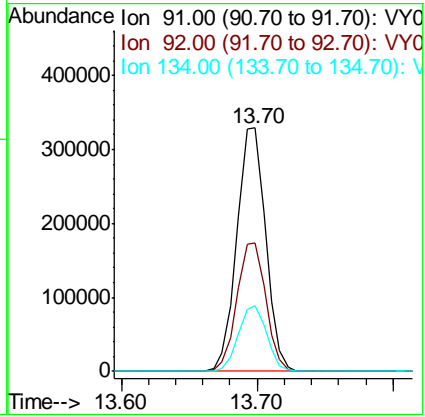
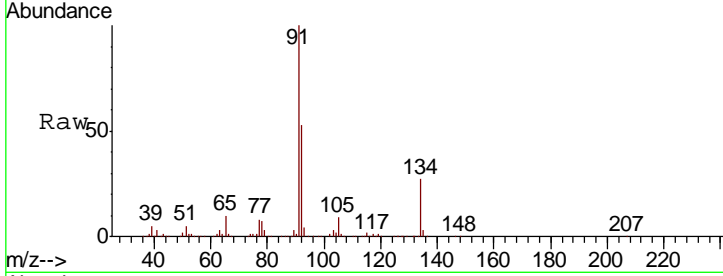


#89  
 n-Butylbenzene  
 Concen: 47.914 ug/l  
 RT: 13.70 min Scan# 1962  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument : MSVOA\_Y  
 ClientSampled : VSTDCCC050EC

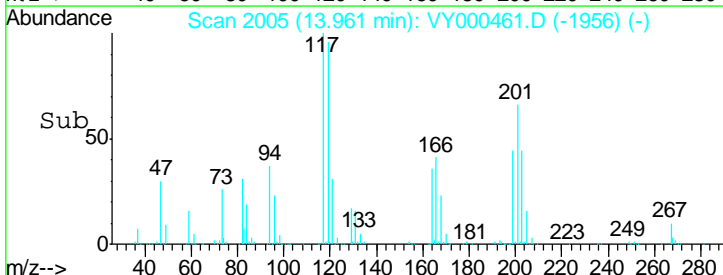
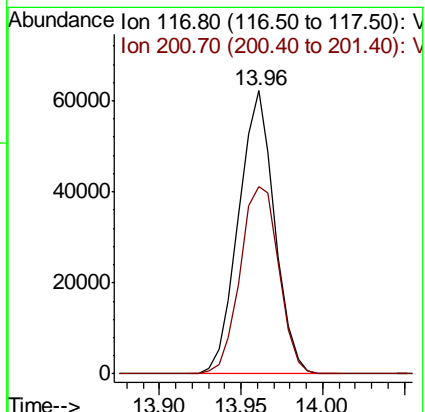
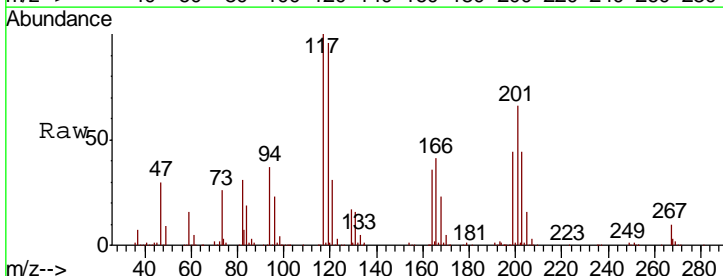
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 91      | 100  |       |       |
| 92      | 53.1 | 26.7  | 80.1  |
| 134     | 26.7 | 13.0  | 38.9  |

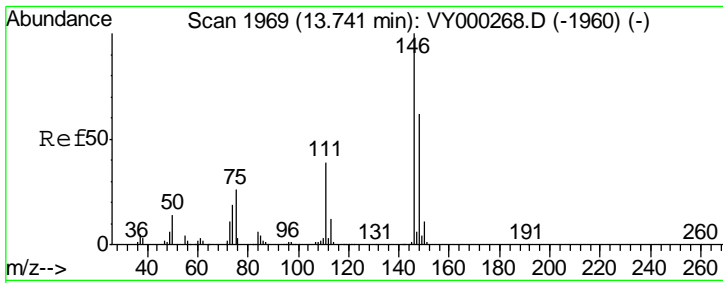
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#90  
 Hexachloroethane  
 Concen: 50.405 ug/l  
 RT: 13.96 min Scan# 2005  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 117     | 100  |       |       |
| 201     | 70.8 | 36.3  | 108.7 |





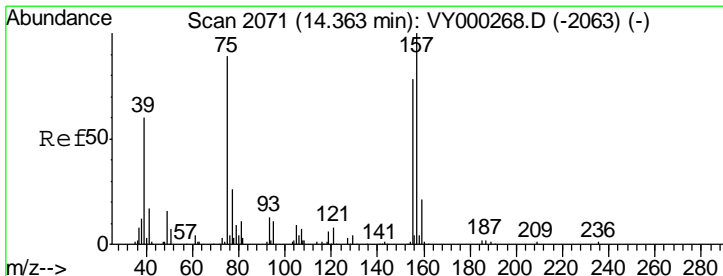
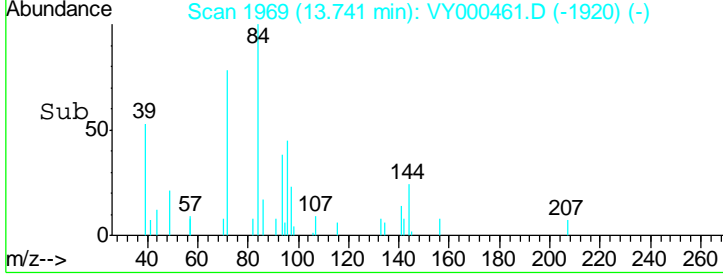
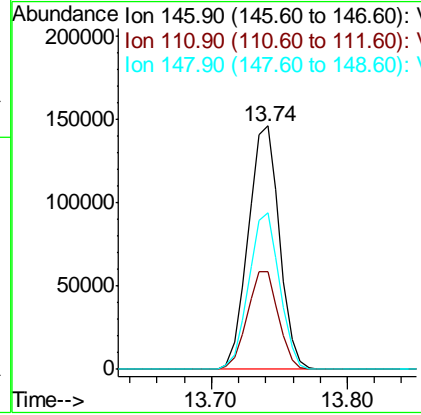
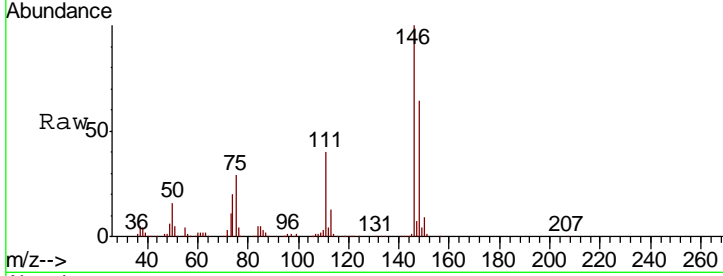
#91  
 1,2-Dichlorobenzene  
 Concen: 51.517 ug/l  
 RT: 13.74 min Scan# 1969  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument : MSVOA\_Y  
 ClientSampled : VSTDCCC050EC

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 146     | 100  |       |       |
| 111     | 40.2 | 20.5  | 61.5  |
| 148     | 63.6 | 31.6  | 95.0  |

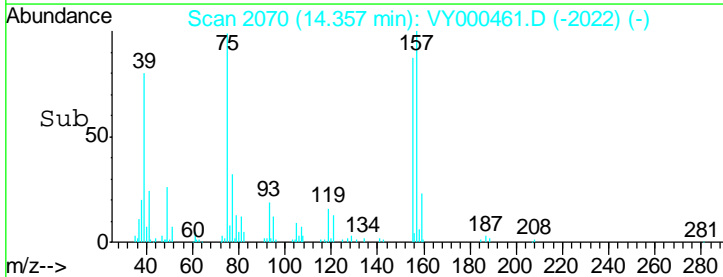
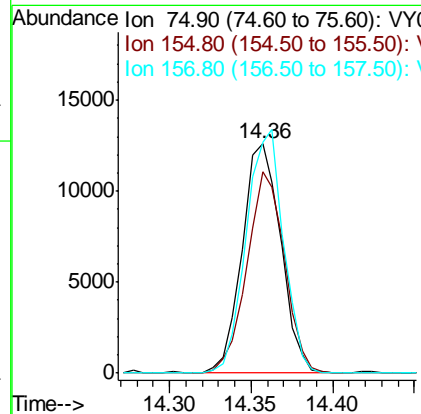
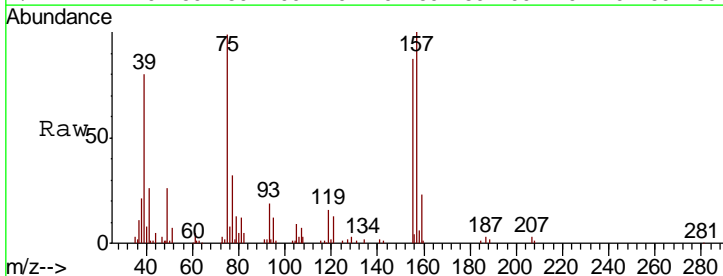
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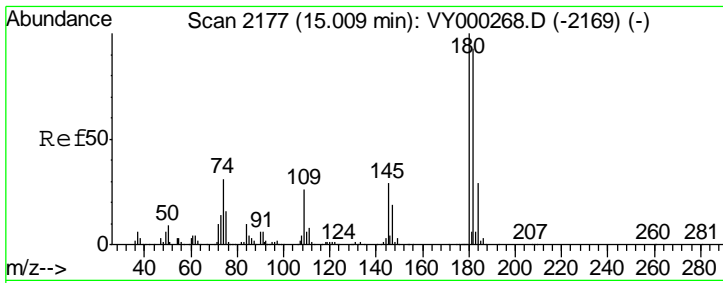
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 50.967 ug/l  
 RT: 14.36 min Scan# 2070  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 85.7  | 45.8  | 137.3 |
| 157     | 102.0 | 55.6  | 166.9 |





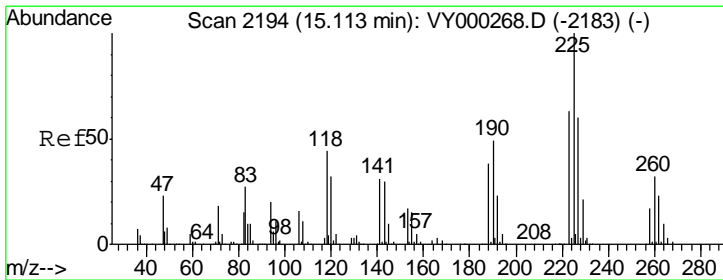
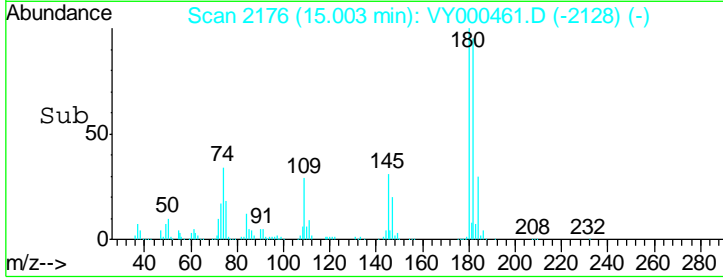
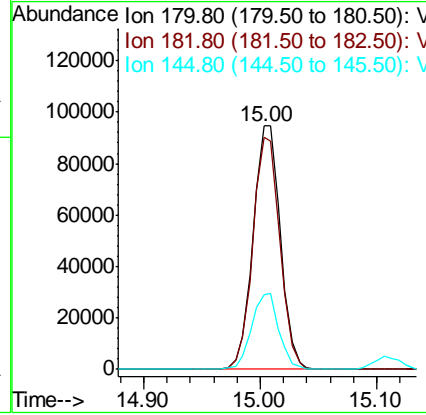
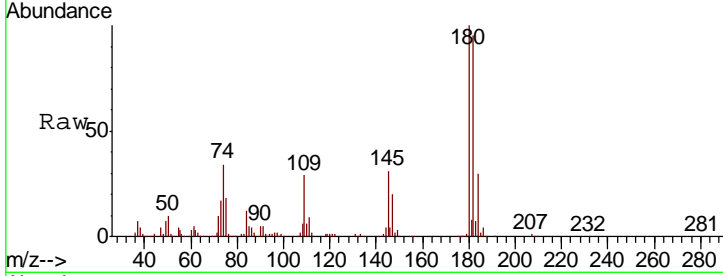
#93  
 1,2,4-Trichlorobenzene  
 Concen: 48.681 ug/l  
 RT: 15.00 min Scan# 2176  
 Delta R.T. -0.01 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument : MSVOA\_Y  
 ClientSampleId : VSTDCCC050EC

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 180     | 154243 |       |       |
| 182     | 94.6   | 47.5  | 142.6 |
| 145     | 31.1   | 15.4  | 46.1  |

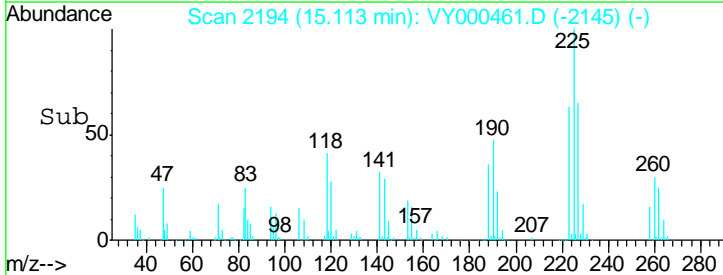
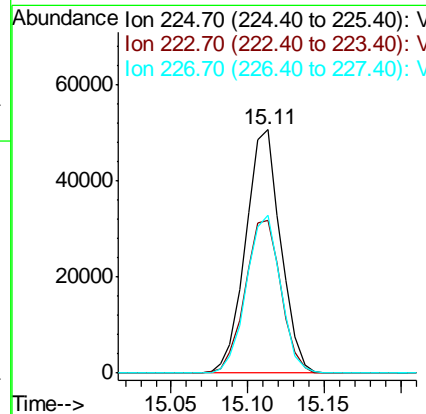
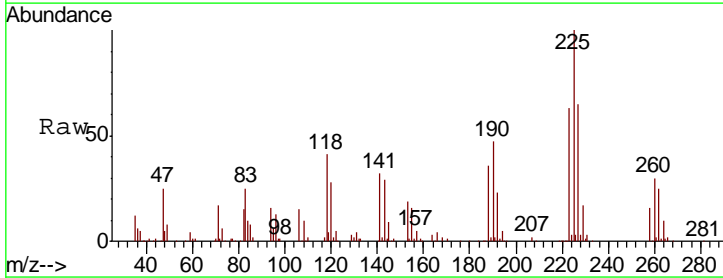
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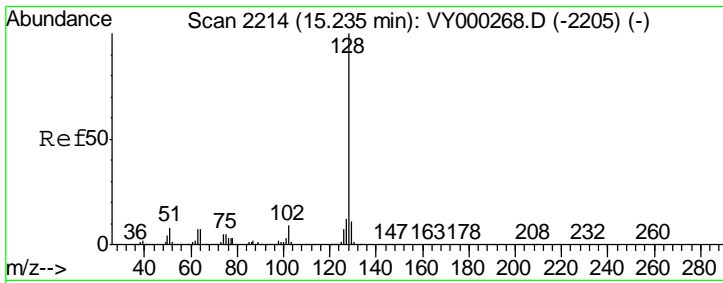
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#94  
 Hexachlorobutadiene  
 Concen: 46.858 ug/l  
 RT: 15.11 min Scan# 2194  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 80346 |       |       |
| 223     | 64.2  | 31.9  | 95.7  |
| 227     | 63.3  | 31.4  | 94.2  |





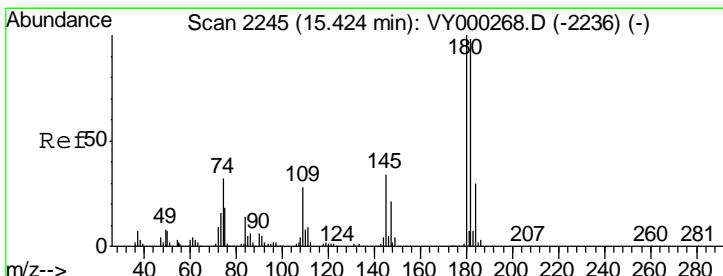
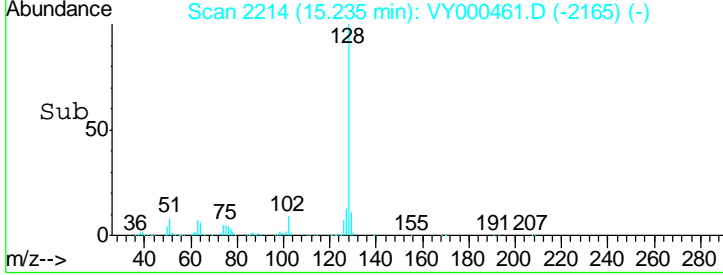
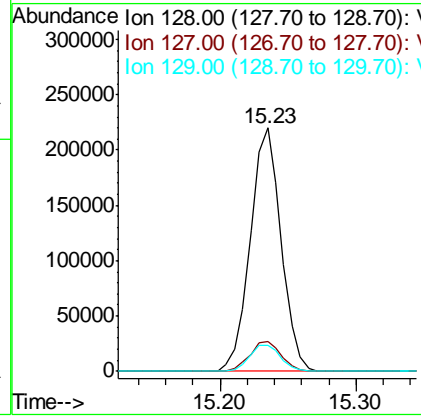
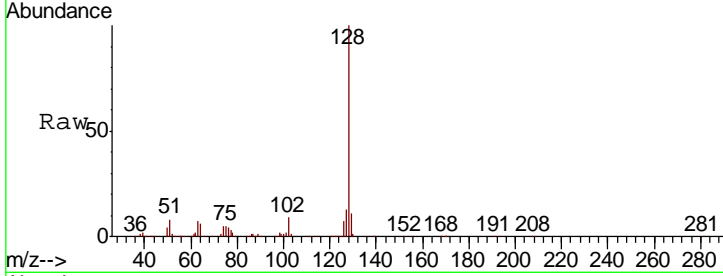
#95  
 Naphthalene  
 Concen: 49.306 ug/l  
 RT: 15.23 min Scan# 2214  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

Instrument : MSVOA\_Y  
 Client Sampled : VSTDCCC050EC

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 128     | 348631 |       |       |
| 127     | 12.7   | 9.6   | 14.4  |
| 129     | 11.2   | 8.7   | 13.1  |

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#96  
 1,2,3-Trichlorobenzene  
 Concen: 49.723 ug/l  
 RT: 15.42 min Scan# 2245  
 Delta R.T. -0.00 min  
 Lab File: VY000461.D  
 Acq: 28 Oct 2019 17:42

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 180     | 141987 |       |       |
| 182     | 95.6   | 46.5  | 139.5 |
| 145     | 31.8   | 16.2  | 48.5  |

