

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX030520\  
 Data File : VX015106.D  
 Acq On : 05 Mar 2020 13:03  
 Operator : JC/SP  
 Sample : L1161-08 5PPB LOQ  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_X  
**Client Sampled :**  
 LOQ-WATER-02-QT1-2020

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 3/12/2020 2:47:27 PM

Quant Time: Mar 06 04:27:50 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X030420W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 06 03:01:48 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.65  | 168  | 314340   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.85  | 114  | 502885   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 473189   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.07 | 152  | 242629   | 50.00 | ug/l  | 0.00     |

System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 6.05   | 65  | 211434   | 56.70 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 113.40% |      |
| 35) Dibromofluoromethane  | 5.49   | 113 | 168132   | 53.00 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.00% |      |
| 50) Toluene-d8            | 8.71   | 98  | 630535   | 52.25 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 104.50% |      |
| 62) 4-Bromofluorobenzene  | 11.13  | 95  | 220522   | 51.23 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.46% |      |

Target Compounds

|                               |      |     |        |        |      | Qvalue |
|-------------------------------|------|-----|--------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 1.19 | 85  | 12713  | 4.619  | ug/l | 95     |
| 3) Chloromethane              | 1.32 | 50  | 22539  | 5.781  | ug/l | 95     |
| 4) Vinyl Chloride             | 1.40 | 62  | 20573  | 5.203  | ug/l | 95     |
| 5) Bromomethane               | 1.64 | 94  | 15206  | 6.256  | ug/l | 91     |
| 6) Chloroethane               | 1.72 | 64  | 13017  | 5.489  | ug/l | 98     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 24769  | 5.265  | ug/l | 95     |
| 8) Diethyl Ether              | 2.18 | 74  | 13277  | 6.231  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.37 | 101 | 14234  | 4.809  | ug/l | 94     |
| 10) Methyl Iodide             | 2.50 | 142 | 12311  | 3.682  | ug/l | # 90   |
| 11) Tert butyl alcohol        | 3.03 | 59  | 25919  | 40.059 | ug/l | 96     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 14560  | 4.766  | ug/l | 99     |
| 13) Acrolein                  | 2.28 | 56  | 16845  | 27.703 | ug/l | 96     |
| 14) Allyl chloride            | 2.72 | 41  | 27120  | 5.092  | ug/l | 97     |
| 15) Acrylonitrile             | 3.13 | 53  | 46194  | 28.668 | ug/l | 97     |
| 16) Acetone                   | 2.44 | 43  | 42907  | 28.410 | ug/l | 100    |
| 17) Carbon Disulfide          | 2.56 | 76  | 40028  | 4.719  | ug/l | 100    |
| 18) Methyl Acetate            | 2.76 | 43  | 20533  | 5.560  | ug/l | 91     |
| 19) Methyl tert-butyl Ether   | 3.19 | 73  | 52721  | 5.523  | ug/l | 95     |
| 20) Methylene Chloride        | 2.85 | 84  | 19565  | 5.536  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 16638  | 5.101  | ug/l | 95     |
| 22) Diisopropyl ether         | 3.84 | 45  | 59678  | 5.624  | ug/l | # 88   |
| 23) Vinyl Acetate             | 3.80 | 43  | 238800 | 27.376 | ug/l | 97     |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 30848  | 5.238  | ug/l | 98     |
| 25) 2-Butanone                | 4.66 | 43  | 63544  | 28.739 | ug/l | 97     |
| 26) 2,2-Dichloropropane       | 4.57 | 77  | 23283  | 4.980  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.58 | 96  | 19833  | 5.420  | ug/l | 96     |
| 28) Bromochloromethane        | 5.00 | 49  | 15998  | 5.965  | ug/l | 96     |
| 29) Tetrahydrofuran           | 5.12 | 42  | 39728  | 27.874 | ug/l | 98     |
| 30) Chloroform                | 5.20 | 83  | 32956  | 5.741  | ug/l | 93     |
| 31) Cyclohexane               | 5.57 | 56  | 24562  | 4.676  | ug/l | 92     |
| 32) 1,1,1-Trichloroethane     | 5.48 | 97  | 25251  | 5.307  | ug/l | 93     |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 22538  | 4.848  | ug/l | 98     |
| 37) Ethyl Acetate             | 4.83 | 43  | 24575  | 5.699  | ug/l | # 91   |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 21130  | 4.815  | ug/l | 98     |

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 Operator : JC/SP  
 Sample : L1161-08 5PPB LOQ  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 LOQ-WATER-02-QT1-2020

Manual Integrations  
 APPROVED

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 3/12/2020 2:47:27 PM

Quant Time: Mar 06 04:27:50 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X030420W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 06 03:01:48 2020  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 23034    | 4.243   | ug/l   | 99       |
| 40) Benzene                    | 6.14  | 78   | 69507    | 5.039   | ug/l   | 98       |
| 41) Methacrylonitrile          | 5.03  | 41   | 13081    | 5.050   | ug/l # | 95       |
| 42) 1,2-Dichloroethane         | 6.18  | 62   | 26707    | 5.638   | ug/l   | 95       |
| 43) Isopropyl Acetate          | 6.43  | 43   | 39249    | 5.174   | ug/l   | 96       |
| 44) Trichloroethene            | 7.21  | 130  | 19773    | 5.148   | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 18919    | 5.299   | ug/l   | 92       |
| 46) Dibromomethane             | 7.65  | 93   | 13218    | 5.682   | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.89  | 83   | 23410    | 5.089   | ug/l # | 98       |
| 48) Methyl methacrylate        | 7.76  | 41   | 20090    | 5.203   | ug/l   | 95       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 8975     | 107.507 | ug/l   | 94       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 122309   | 27.268  | ug/l   | 100      |
| 52) Toluene                    | 8.78  | 92   | 43831    | 5.197   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 23306    | 4.760   | ug/l   | 94       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 27321    | 4.936   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 18459    | 5.318   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.17  | 69   | 25037    | 5.057   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 31830    | 5.451   | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 67238    | 24.928  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.49  | 43   | 90570    | 27.243  | ug/l   | 98       |
| 60) Dibromochloromethane       | 9.57  | 129  | 17773    | 4.874   | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 19521    | 5.354   | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.33  | 164  | 19680    | 5.030   | ug/l   | 96       |
| 65) Chlorobenzene              | 10.14 | 112  | 49570    | 5.218   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.21 | 131  | 16515    | 4.610   | ug/l   | 95       |
| 67) Ethyl Benzene              | 10.25 | 91   | 79575    | 4.933   | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.35 | 106  | 59915    | 9.762   | ug/l   | 100      |
| 69) o-Xylene                   | 10.70 | 106  | 28470    | 4.845   | ug/l   | 97       |
| 70) Styrene                    | 10.71 | 104  | 47339    | 4.698   | ug/l   | 99       |
| 71) Bromoform                  | 10.85 | 173  | 13522    | 4.868   | ug/l # | 97       |
| 73) Isopropylbenzene           | 11.01 | 105  | 73551    | 4.745   | ug/l   | 100      |
| 74) N-amyl acetate             | 10.89 | 43   | 31117    | 4.764   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.26 | 83   | 27495    | 5.323   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 25045m   | 5.175   | ug/l   |          |
| 77) Bromobenzene               | 11.25 | 156  | 22376    | 5.180   | ug/l   | 96       |
| 78) n-propylbenzene            | 11.35 | 91   | 84434    | 4.768   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 52625    | 4.976   | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.50 | 105  | 62340    | 4.832   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 6667     | 3.910   | ug/l # | 76       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 59391    | 4.754   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.76 | 119  | 58635    | 4.700   | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 61973    | 4.781   | ug/l   | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 69044    | 4.584   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 63023    | 4.542   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 37140    | 4.891   | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene        | 12.09 | 146  | 38323    | 4.888   | ug/l   | 90       |
| 89) n-Butylbenzene             | 12.39 | 91   | 53578    | 4.341   | ug/l   | 98       |
| 90) Hexachloroethane           | 12.59 | 117  | 11332    | 4.320   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 37762    | 5.002   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 12.99 | 75   | 5138     | 4.967   | ug/l   | 88       |

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 Sample : L1161-08 5PPB LOQ  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

**Instrument :**  
 MSVOA\_X  
**ClientSampleId :**  
 LOQ-WATER-02-QT1-2020

**Manual Integrations**  
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 3/12/2020 2:47:27 PM

Quant Time: Mar 06 04:27:50 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X030420W.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Mar 06 03:01:48 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.64 | 180  | 24552    | 4.685 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 11771    | 4.377 | ug/l  | 95       |
| 95) Naphthalene            | 13.83 | 128  | 65612    | 4.581 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 14.01 | 180  | 24946    | 4.771 | ug/l  | 97       |

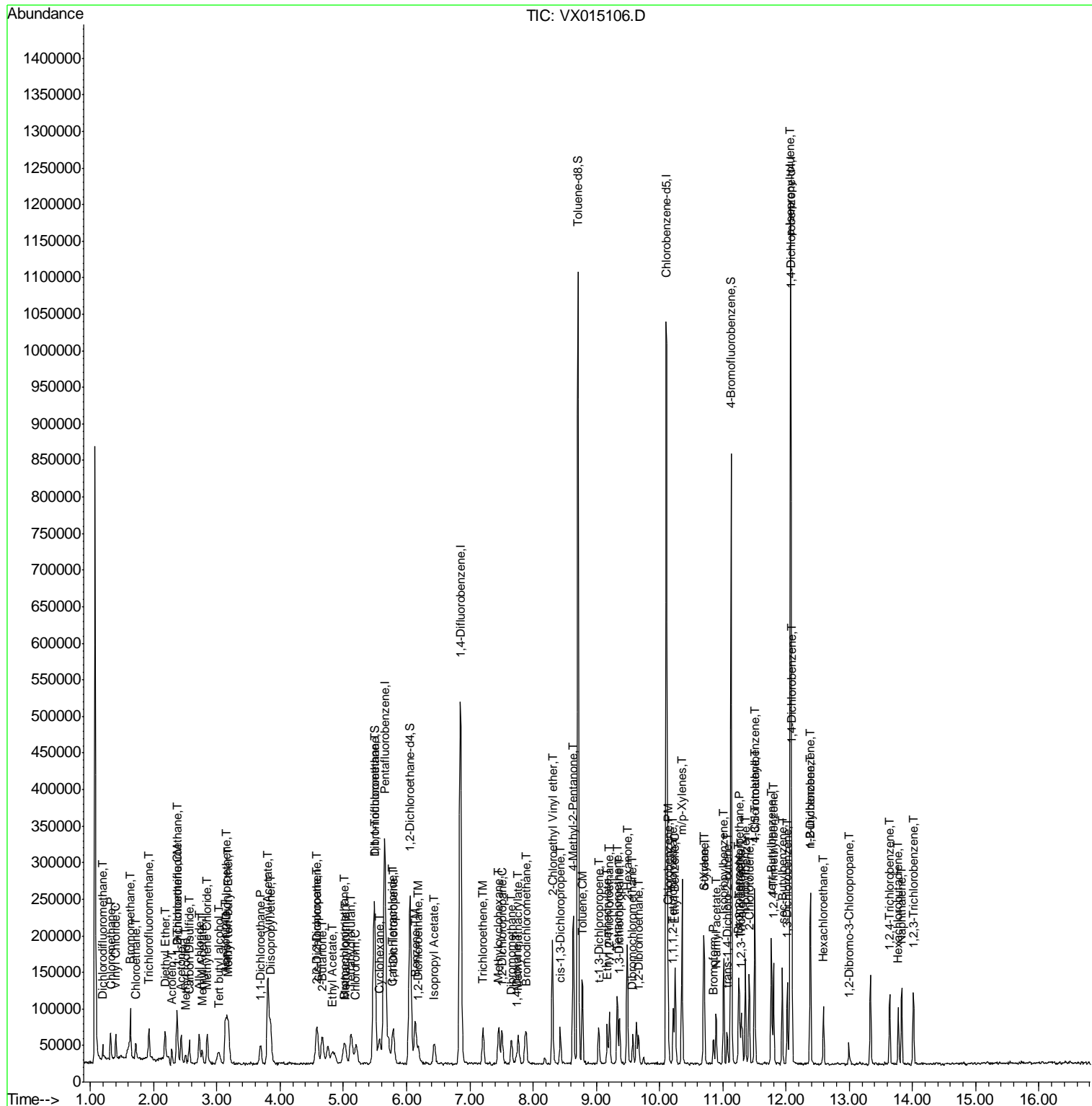
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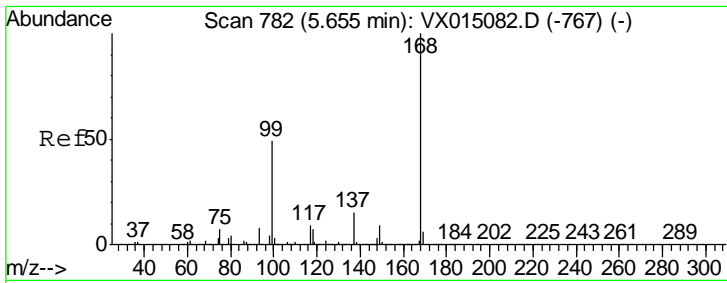
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 Operator : JC/SP  
 Sample : L1161-08 5PPB LOQ  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 Client Sampled :  
 LOQ-WATER-02-QT1-2020

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 Quant Title : SW846 8260  
 QLast Update : Fri Mar 06 03:01:48 2020  
 Response via : Initial Calibration





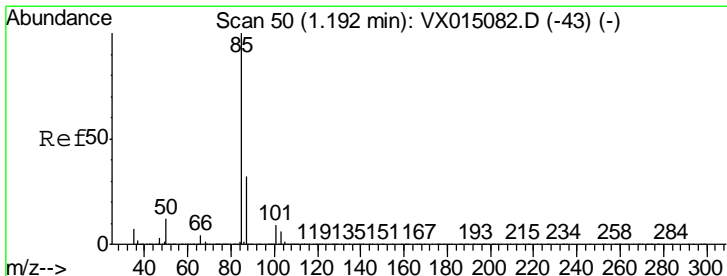
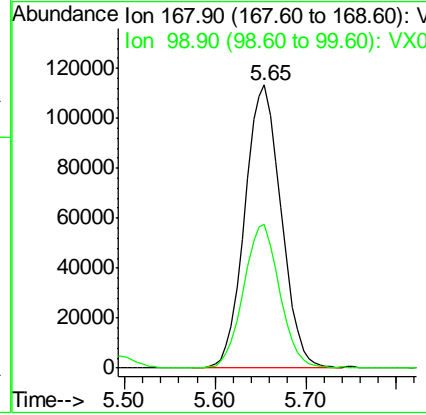
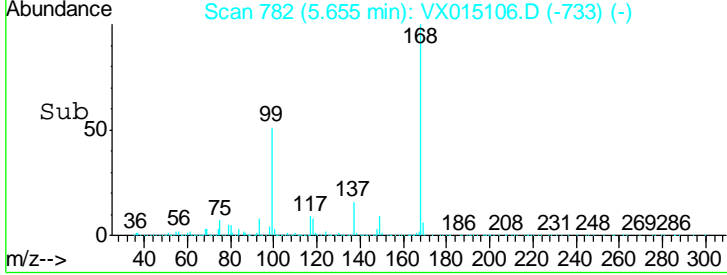
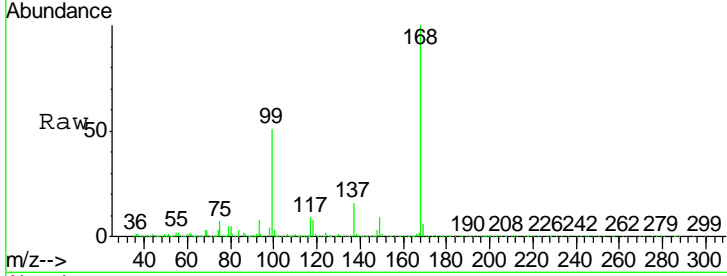
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 Pentafluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.65 min Scan# 782  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 LOQ-WATER-02-QT1-2020

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 168     | 100  |       |       |
| 99      | 50.5 | 39.4  | 59.2  |

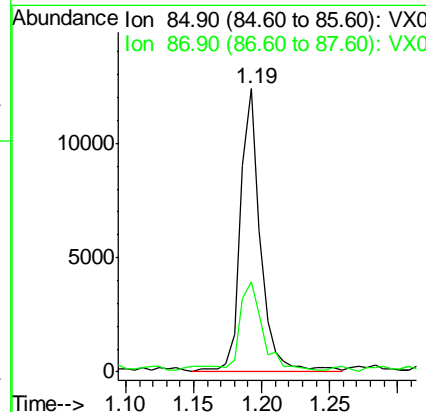
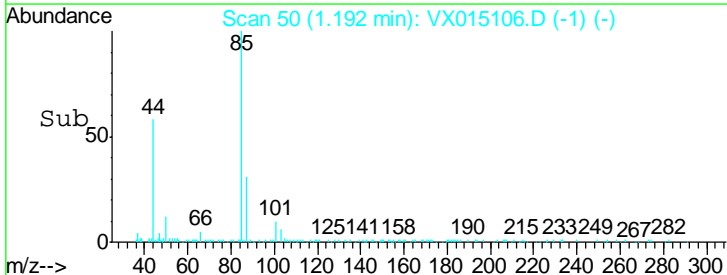
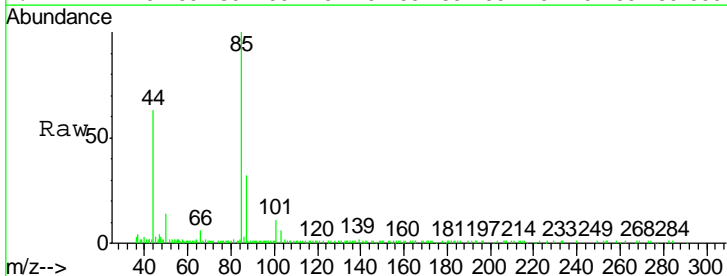
**Manual Integrations**  
**APPROVED**

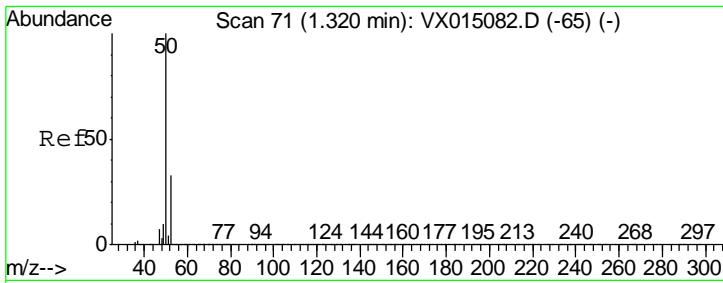
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#2  
 Dichlorodifluoromethane  
 Concen: 4.619 ug/l  
 RT: 1.19 min Scan# 50  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 85      | 100  |       |       |
| 87      | 29.8 | 16.2  | 48.5  |



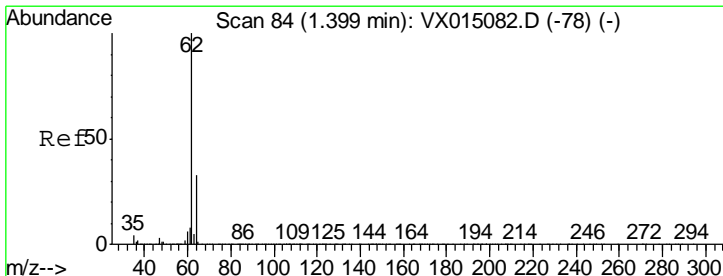
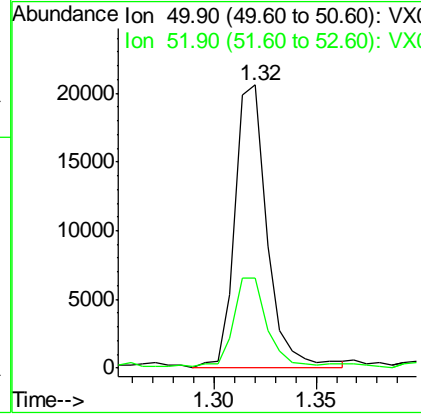
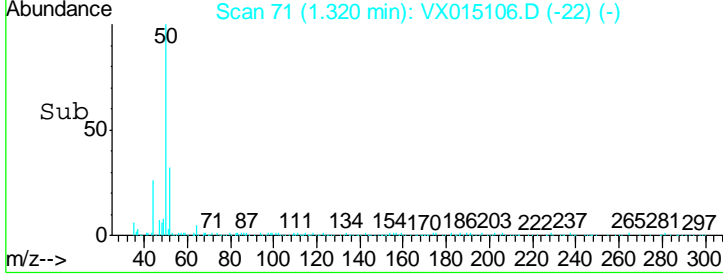
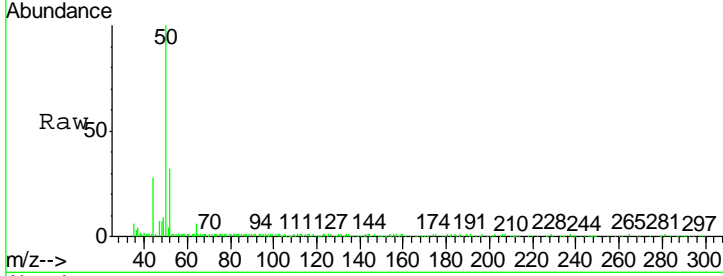


#3  
 Chloromethane  
 Concen: 5.781 ug/l  
 RT: 1.32 min Scan# 71  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 50      | 100  |       |       |
| 52      | 30.0 | 26.2  | 39.2  |

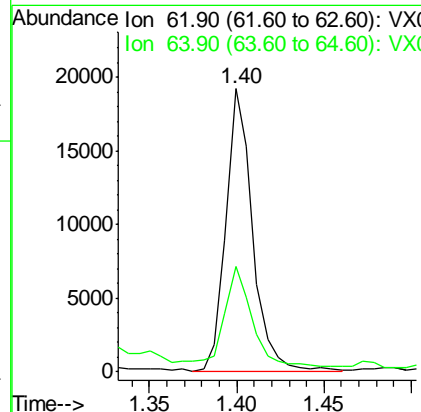
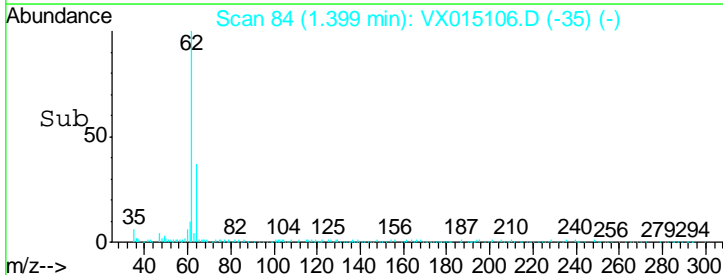
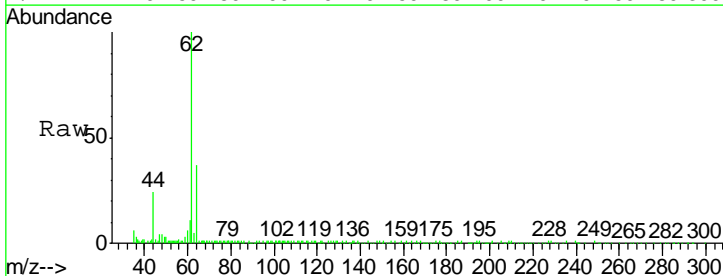
Instrument : MSVOA\_X  
 Client Sampled : LOQ-WATER-02-QT1-2020

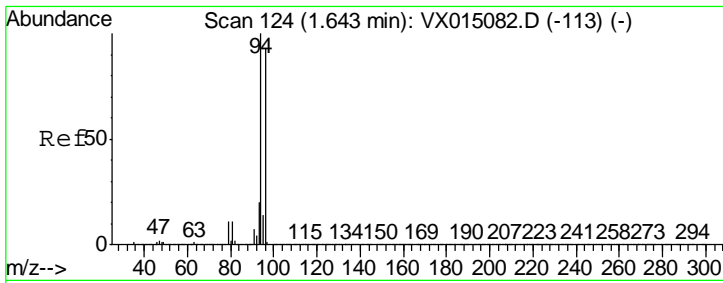
Manual Integrations  
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#4  
 Vinyl Chloride  
 Concen: 5.203 ug/l  
 RT: 1.40 min Scan# 84  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 62      | 100  |       |       |
| 64      | 35.5 | 26.1  | 39.1  |



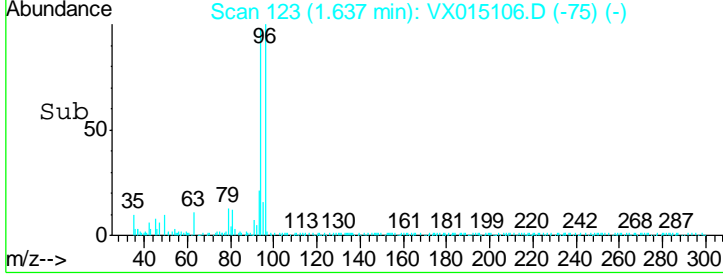
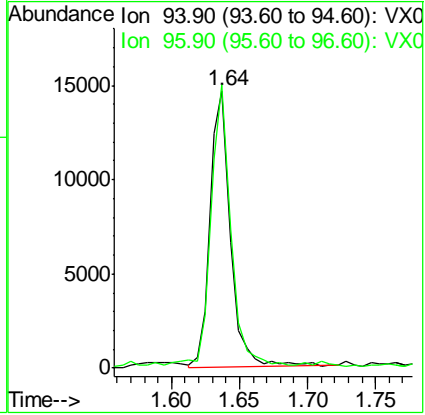
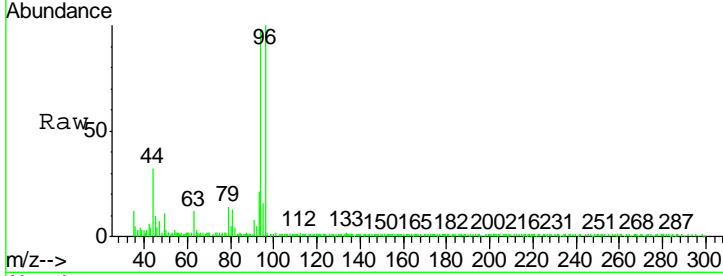


#5  
 Bromomethane  
 Concen: 6.256 ug/l  
 RT: 1.64 min Scan# 123  
 Delta R.T. -0.01 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

**Instrument :**  
 MSVOA\_X  
**Client Sampled :**  
 LOQ-WATER-02-QT1-2020

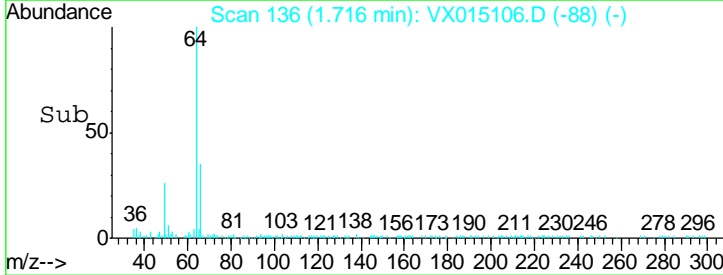
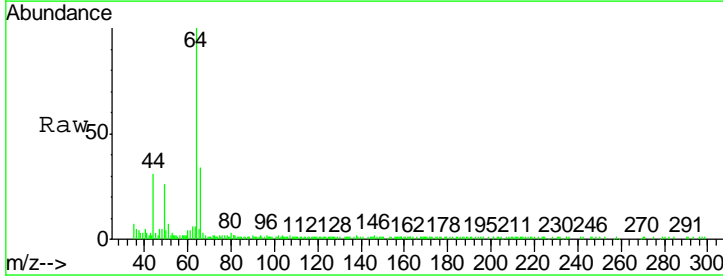
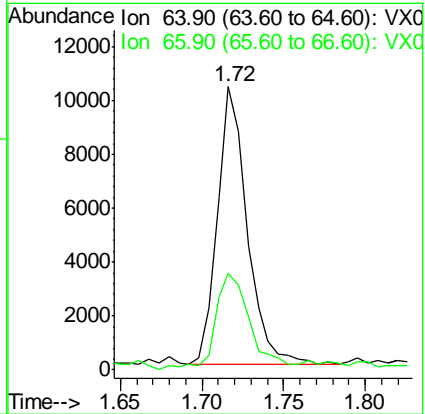
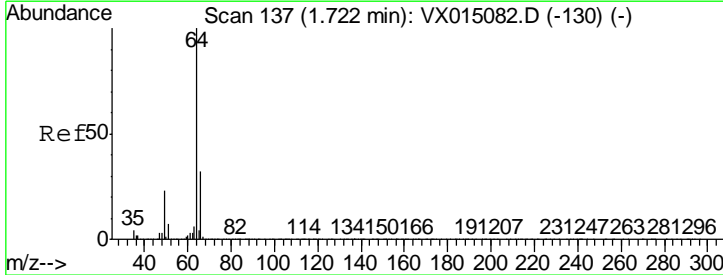
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 94      | 15206 |       |       |
| 94      | 100   |       |       |
| 96      | 101.9 | 74.6  | 111.8 |

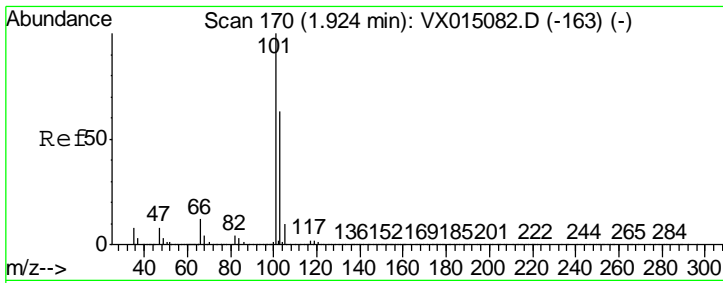
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#6  
 Chloroethane  
 Concen: 5.489 ug/l  
 RT: 1.72 min Scan# 136  
 Delta R.T. -0.01 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 64      | 13017 |       |       |
| 64      | 100   |       |       |
| 66      | 33.2  | 25.8  | 38.8  |





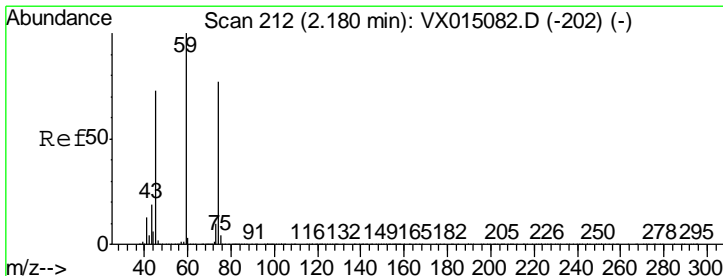
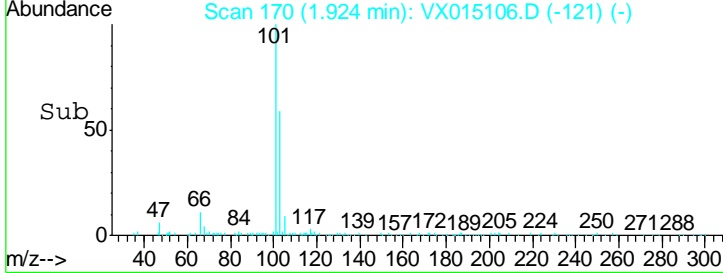
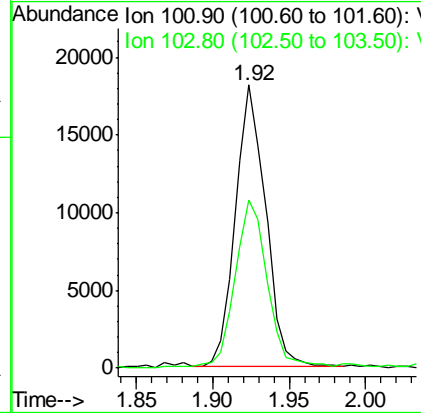
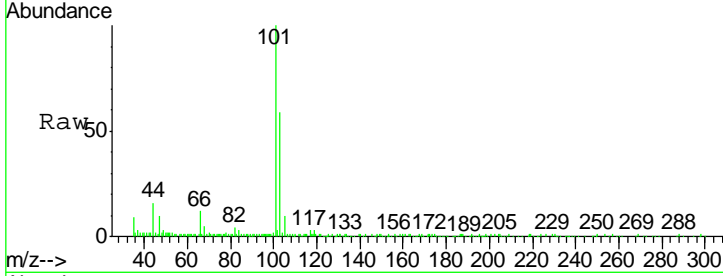
#7  
 Trichlorofluoromethane  
 Concen: 5.265 ug/l  
 RT: 1.92 min Scan# 170  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 LOQ-WATER-02-QT1-2020

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 24769 |       |       |
| 103     | 58.8  | 50.4  | 75.6  |

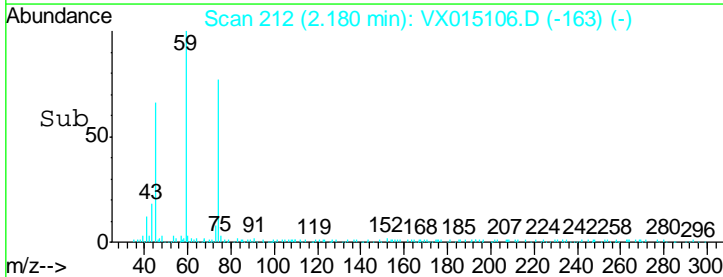
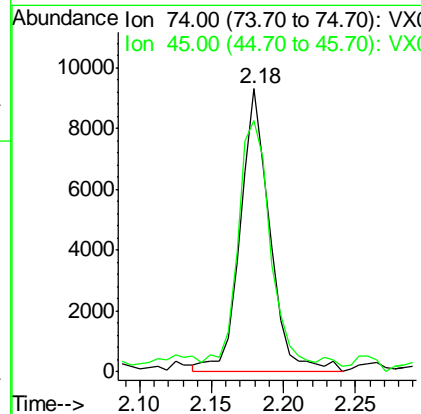
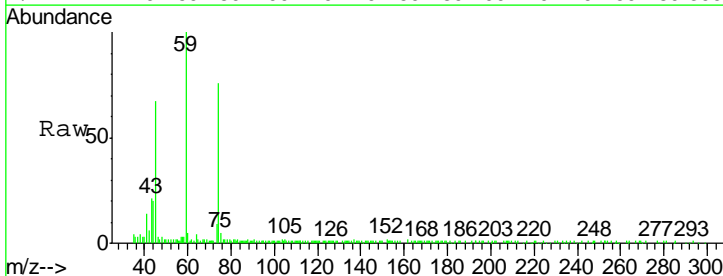
**Manual Integrations**  
**APPROVED**

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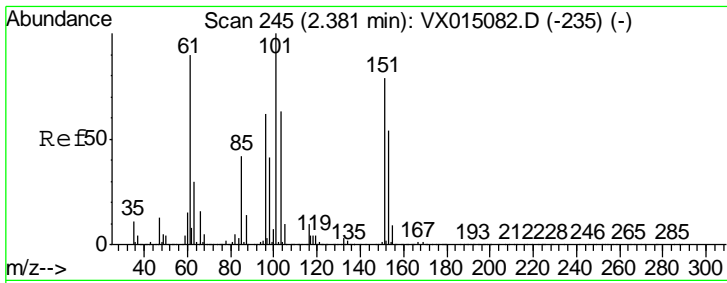


#8  
 Diethyl Ether  
 Concen: 6.231 ug/l  
 RT: 2.18 min Scan# 212  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 13277 |       |       |
| 45      | 98.1  | 49.2  | 147.6 |







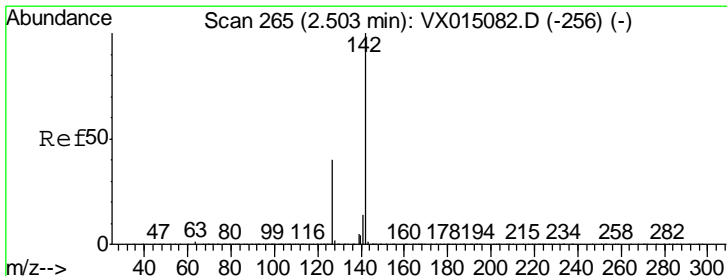
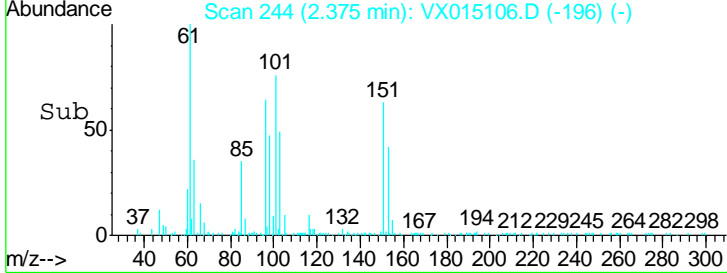
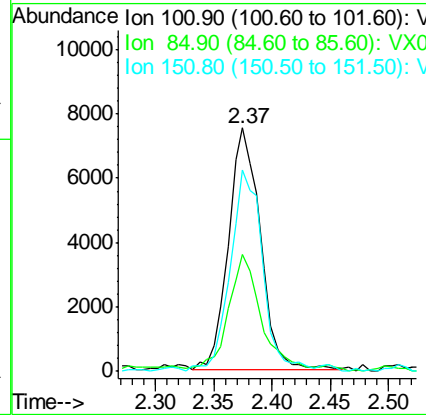
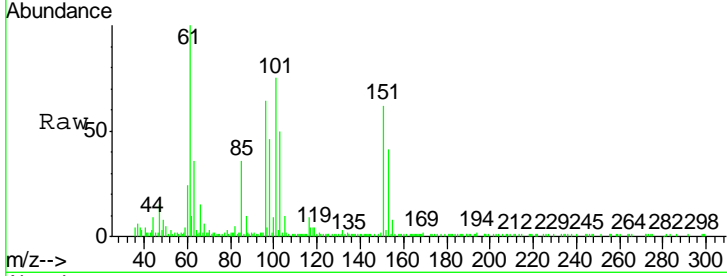
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 4.809 ug/l  
 RT: 2.37 min Scan# 244  
 Delta R.T. -0.01 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 ClientSampled : LOQ-WATER-02-QT1-2020

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 14234 |       |       |
| 101     | 100   |       |       |
| 85      | 46.9  | 33.7  | 50.5  |
| 151     | 85.0  | 64.0  | 96.0  |

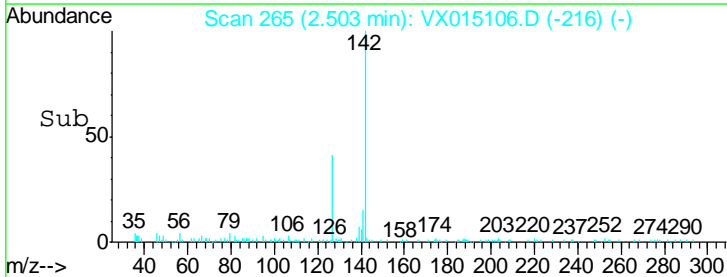
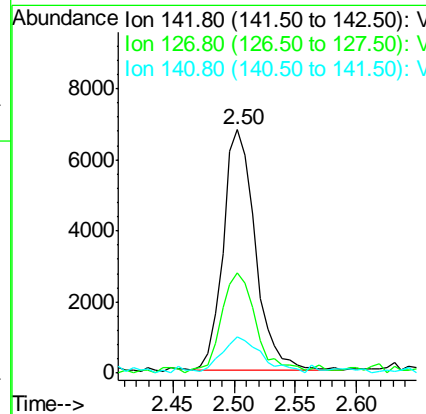
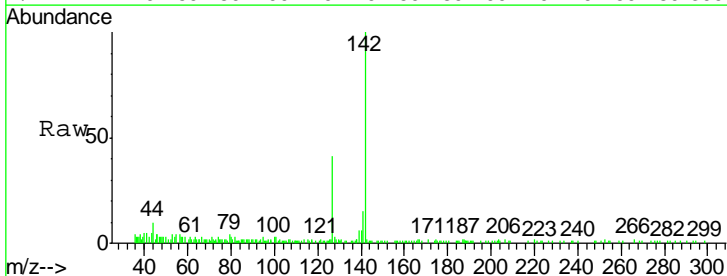
Manual Integrations  
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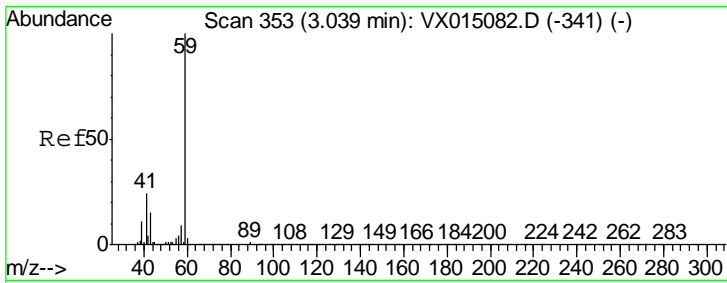
MMDadoda  
 3/12/2020 2:47:27 PM



#10  
 Methyl Iodide  
 Concen: 3.682 ug/l  
 RT: 2.50 min Scan# 265  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 12311 |       |       |
| 142     | 100   |       |       |
| 127     | 45.3  | 31.7  | 47.5  |
| 141     | 18.5  | 11.3  | 16.9# |



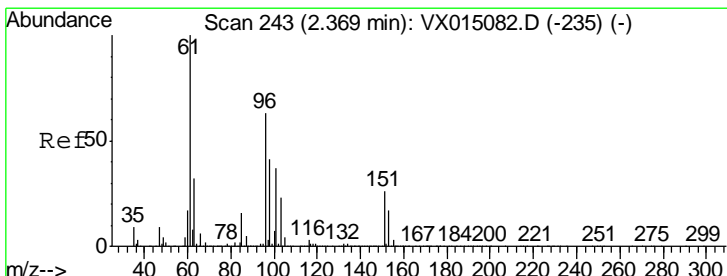
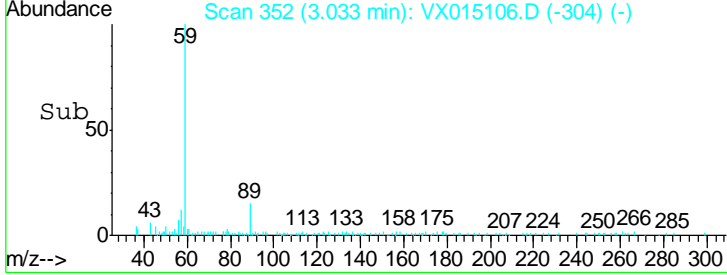
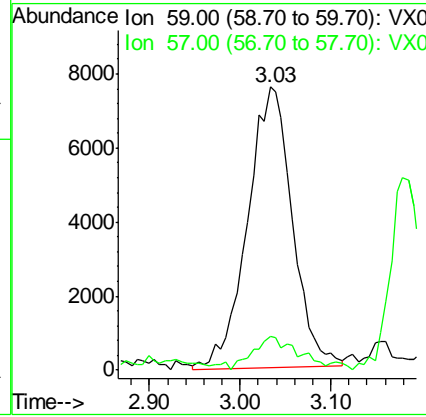
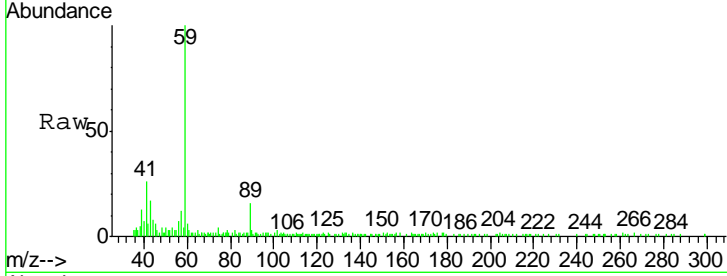


#11  
 Tert butyl alcohol  
 Concen: 40.059 ug/l  
 RT: 3.03 min Scan# 352  
 Delta R.T. -0.01 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 ClientSampled : LOQ-WATER-02-QT1-2020

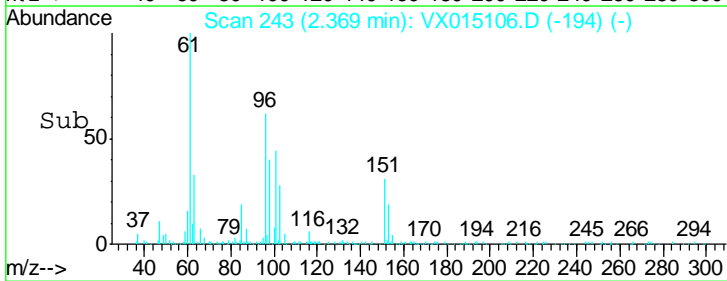
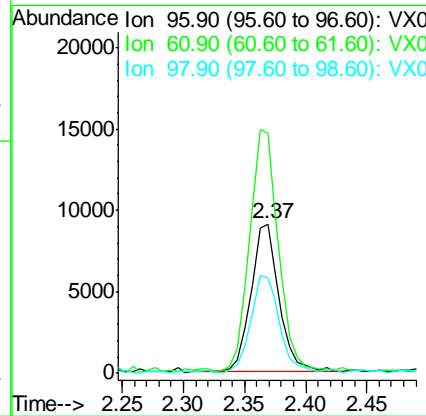
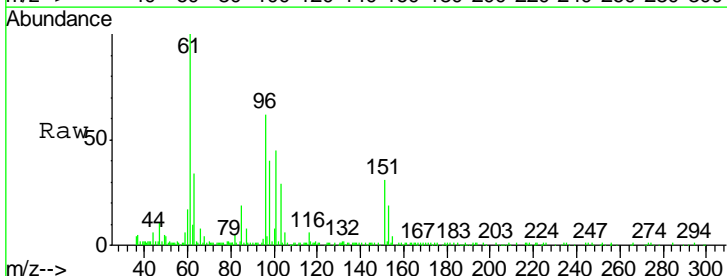
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 25919 |       |       |
| 57      | 11.8  | 8.2   | 12.4  |

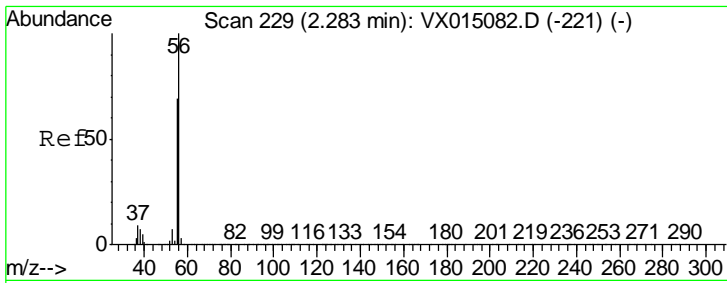
Manual Integrations  
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#12  
 1,1-Dichloroethene  
 Concen: 4.766 ug/l  
 RT: 2.37 min Scan# 243  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

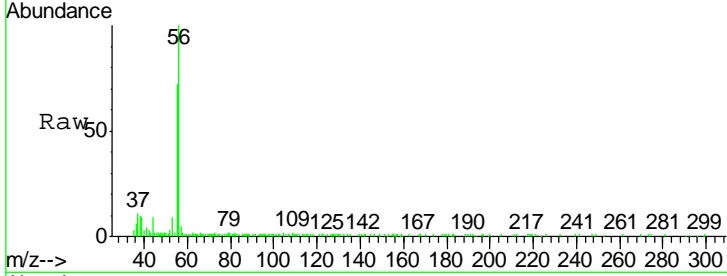
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 14560 |       |       |
| 61      | 159.1 | 126.2 | 189.4 |
| 98      | 64.4  | 51.4  | 77.0  |





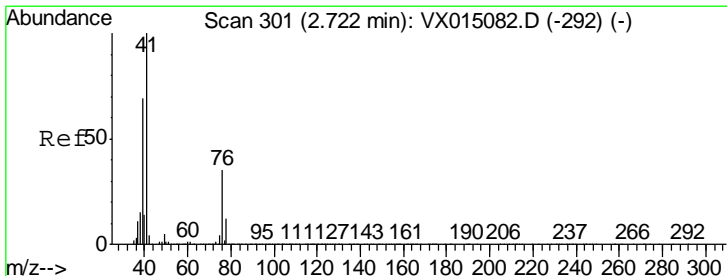
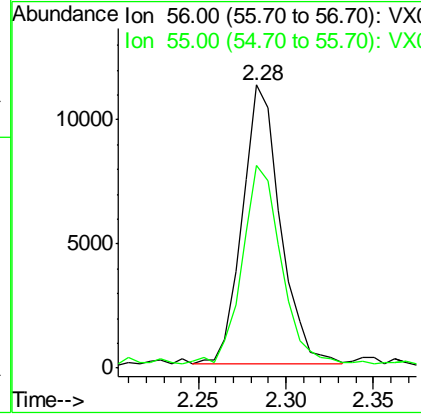
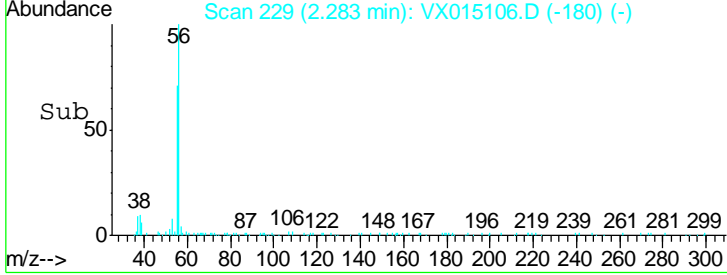
#13  
 Acrolein  
 Concen: 27.703 ug/l  
 RT: 2.28 min Scan# 229  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 ClientSampled : LOQ-WATER-02-QT1-2020

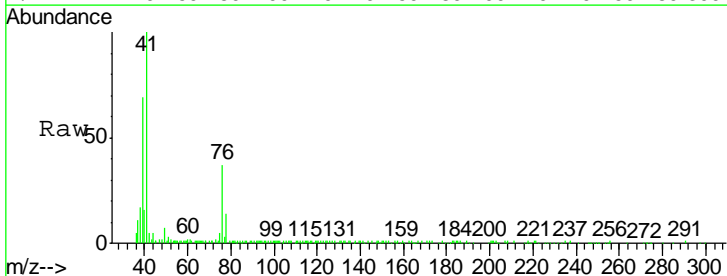


| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 16845 |       |       |
| 55      | 72.3  | 55.4  | 83.0  |

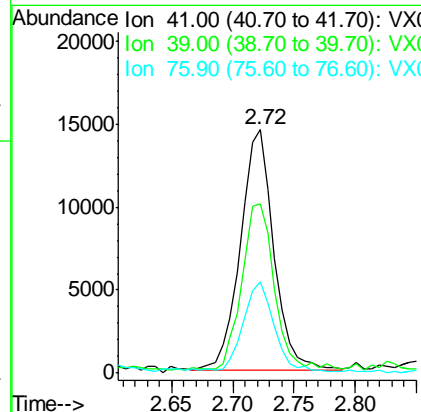
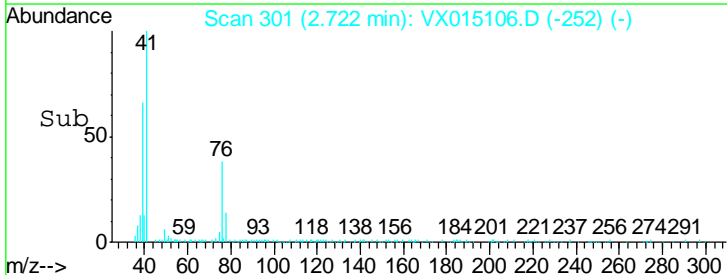
Manual Integrations APPROVED  
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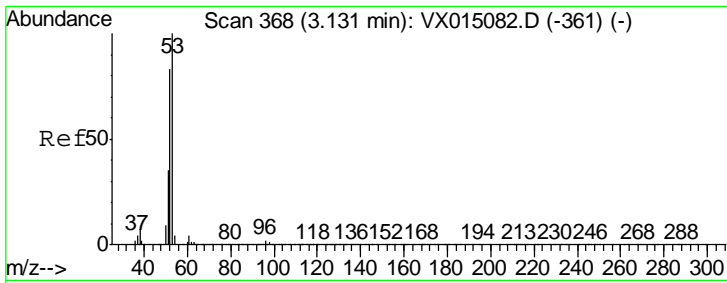


#14  
 Allyl chloride  
 Concen: 5.092 ug/l  
 RT: 2.72 min Scan# 301  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03



| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 27120 |       |       |
| 39      | 69.1  | 52.9  | 79.3  |
| 76      | 34.0  | 26.8  | 40.2  |





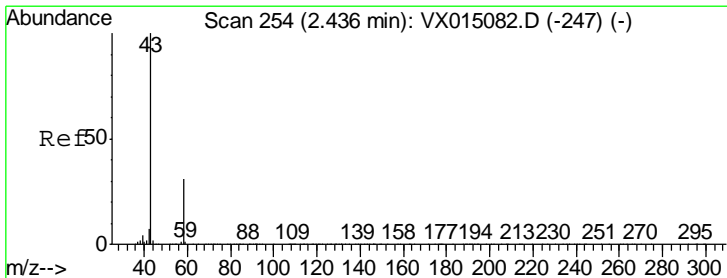
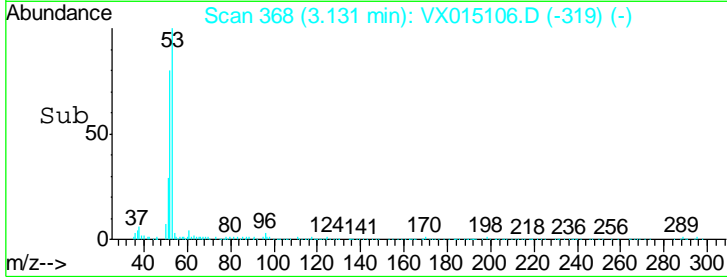
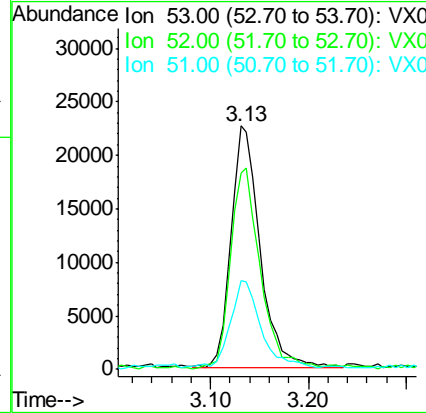
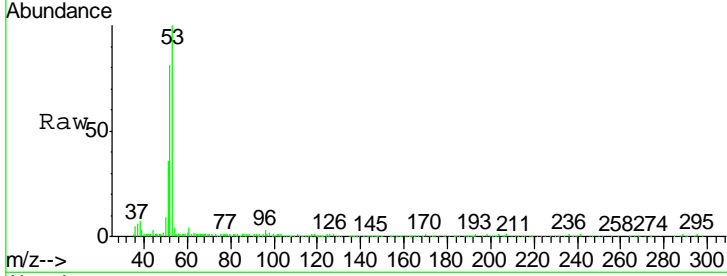
#15  
 Acrylonitrile  
 Concen: 28.668 ug/l  
 RT: 3.13 min Scan# 368  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 Client Sampled : LOQ-WATER-02-QT1-2020

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 46194 |       |       |
| 52      | 86.7  | 66.6  | 100.0 |
| 51      | 37.5  | 29.0  | 43.6  |

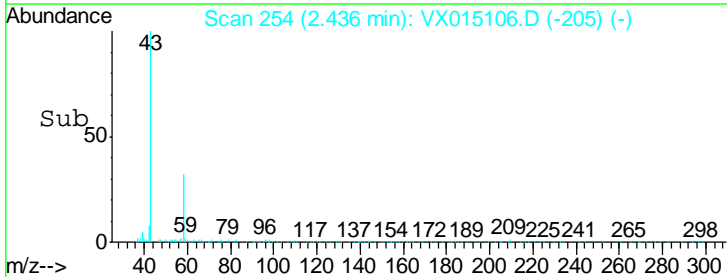
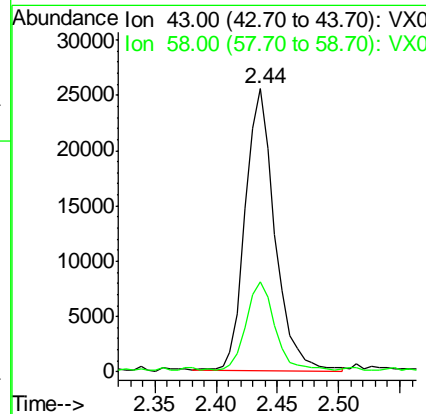
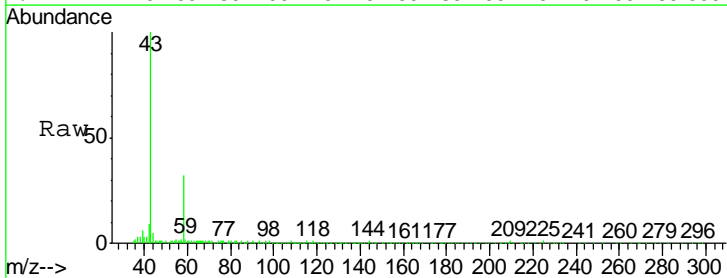
Manual Integrations  
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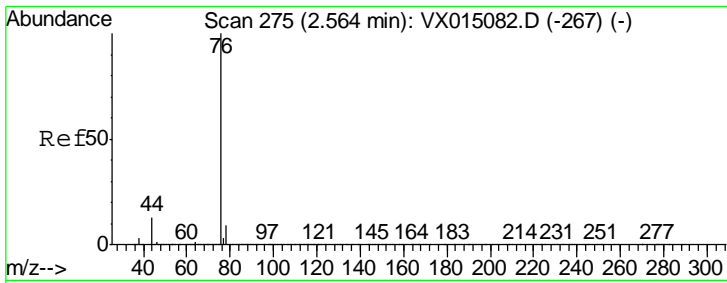
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#16  
 Acetone  
 Concen: 28.410 ug/l  
 RT: 2.44 min Scan# 254  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 42907 |       |       |
| 58      | 31.1  | 24.8  | 37.2  |





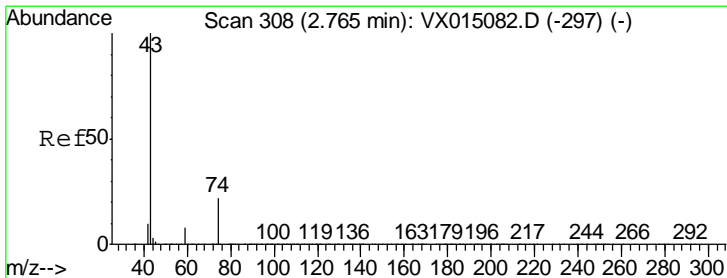
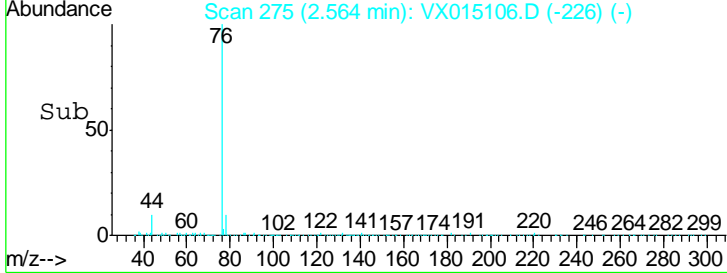
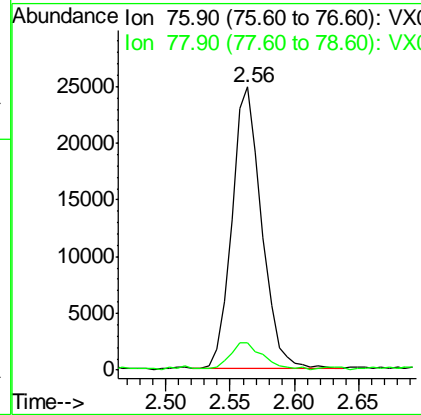
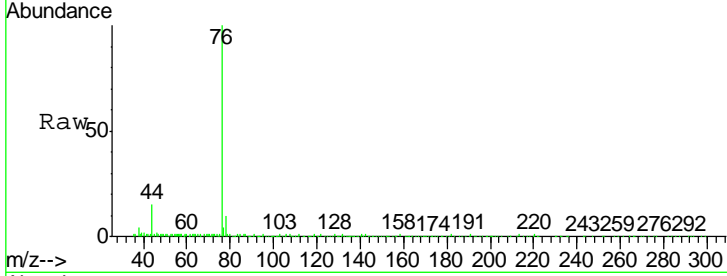
#17  
 Carbon Disulfide  
 Concen: 4.719 ug/l  
 RT: 2.56 min Scan# 275  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 LOQ-WATER-02-QT1-2020

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 40028 |       |       |
| 76      | 100   |       |       |
| 78      | 9.1   | 7.3   | 10.9  |

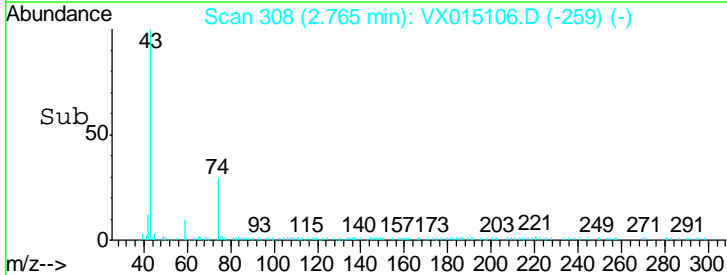
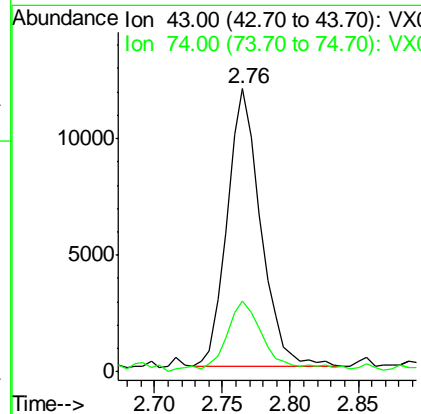
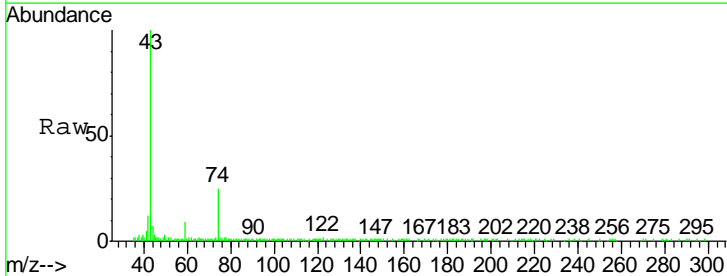
**Manual Integrations**  
**APPROVED**

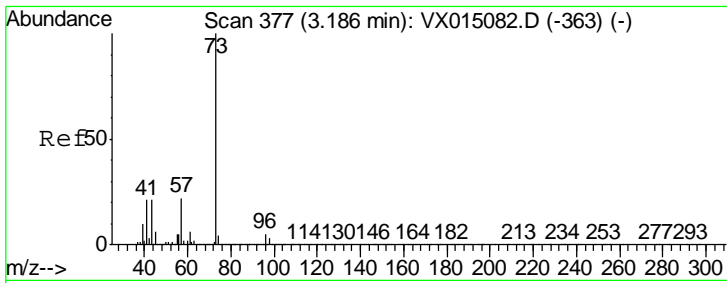
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#18  
 Methyl Acetate  
 Concen: 5.560 ug/l  
 RT: 2.76 min Scan# 308  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 20533 |       |       |
| 43      | 100   |       |       |
| 74      | 28.1  | 18.8  | 28.2  |



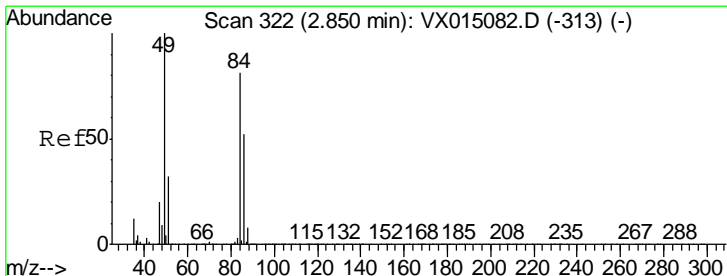
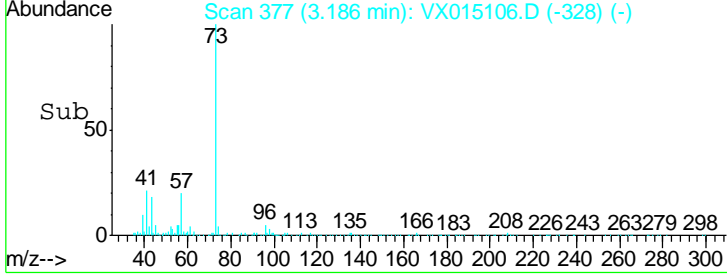
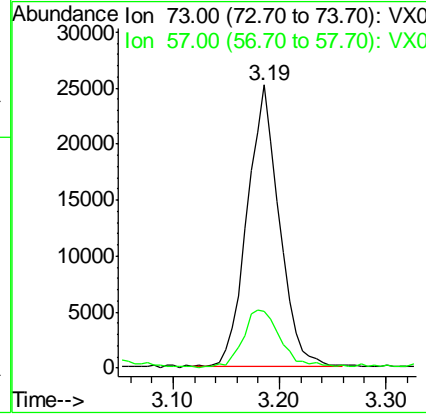
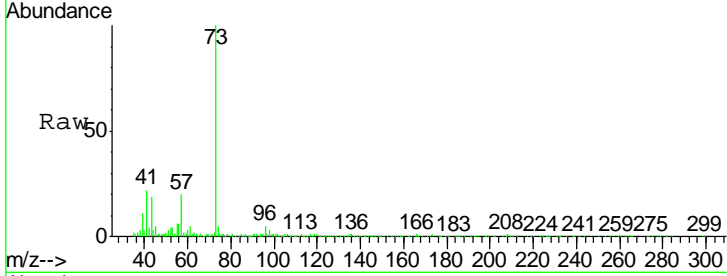


#19  
 Methyl tert-butyl Ether  
 Concen: 5.523 ug/l  
 RT: 3.19 min Scan# 377  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 73      | 100  |       |       |
| 57      | 19.9 | 17.8  | 26.6  |

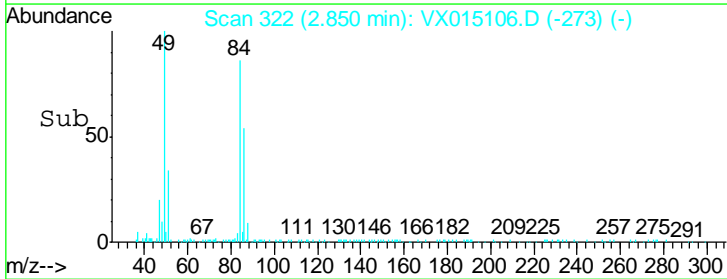
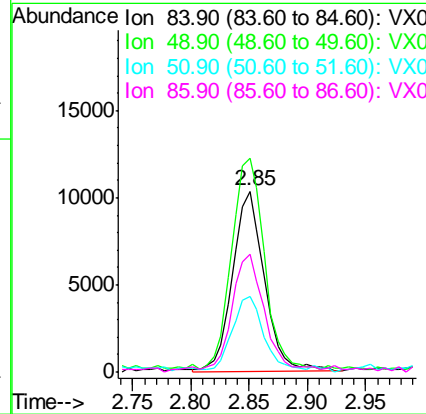
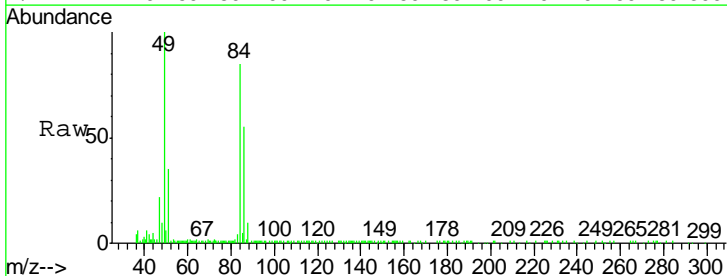
Instrument : MSVOA\_X  
 Client Sampled : LOQ-WATER-02-QT1-2020

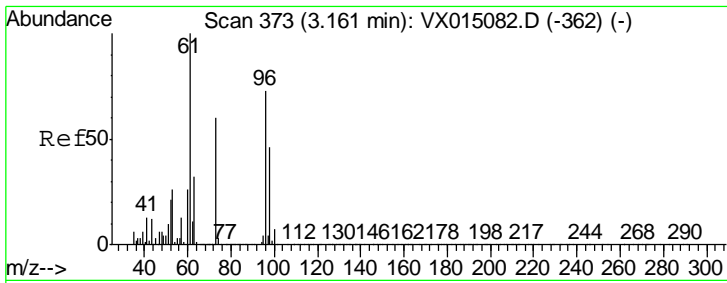
Manual Integrations APPROVED  
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 3/12/2020 2:47:27 PM



#20  
 Methylene Chloride  
 Concen: 5.536 ug/l  
 RT: 2.85 min Scan# 322  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

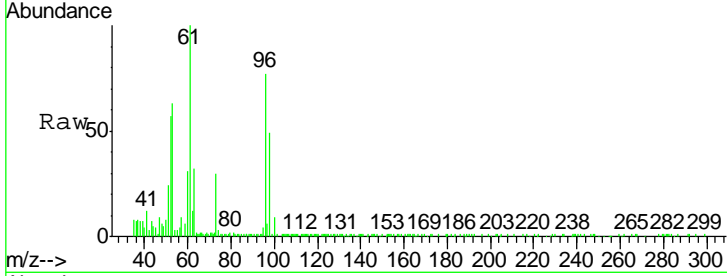
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 117.0 | 99.4  | 149.2 |
| 51      | 40.9  | 31.5  | 47.3  |
| 86      | 64.4  | 51.6  | 77.4  |





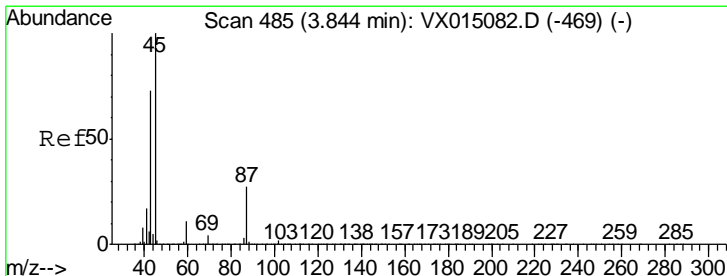
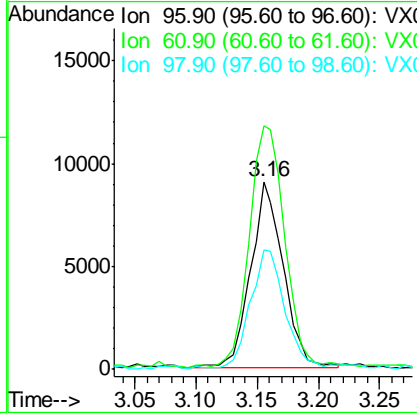
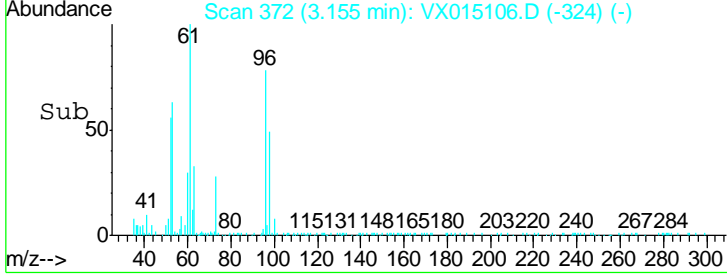
#21  
 trans-1,2-Dichloroethene  
 Concen: 5.101 ug/l  
 RT: 3.16 min Scan# 372  
 Delta R.T. -0.01 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 ClientSampled : LOQ-WATER-02-QT1-2020

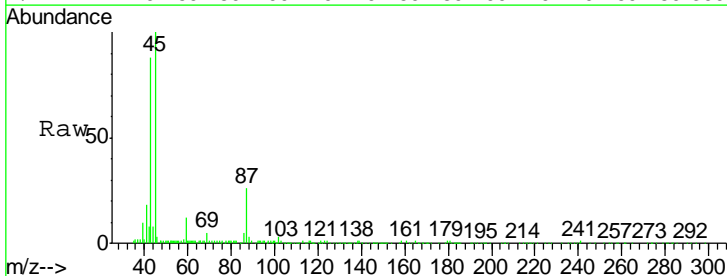


| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 16638 |       |       |
| 61      | 130.1 | 109.9 | 164.9 |
| 98      | 64.5  | 50.2  | 75.2  |

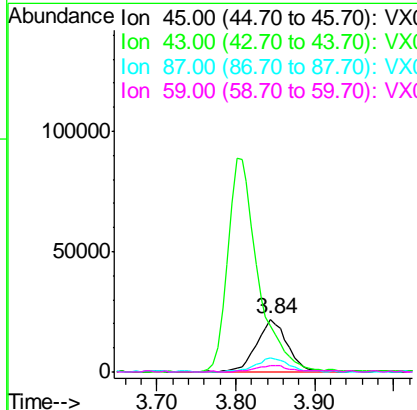
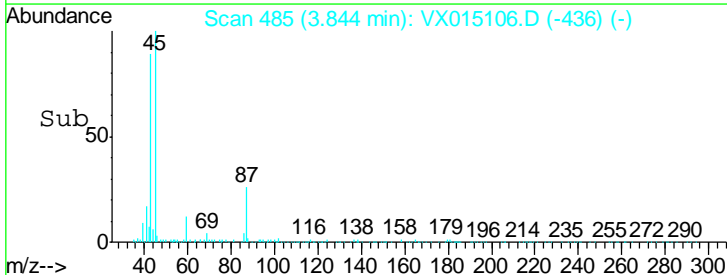
Manual Integrations APPROVED  
 MMDadoda  
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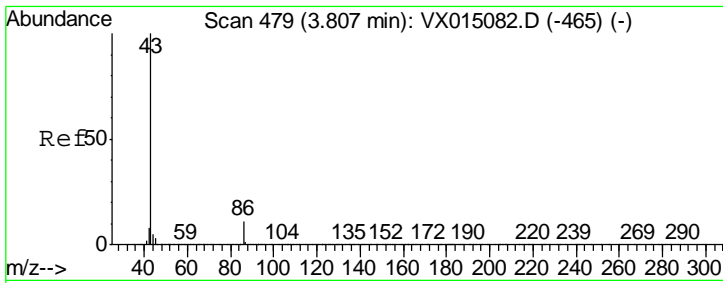


#22  
 Diisopropyl ether  
 Concen: 5.624 ug/l  
 RT: 3.84 min Scan# 485  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03



| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 59678 |       |       |
| 43      | 87.3  | 58.2  | 87.2# |
| 87      | 25.4  | 21.2  | 31.8  |
| 59      | 11.9  | 8.9   | 13.3  |



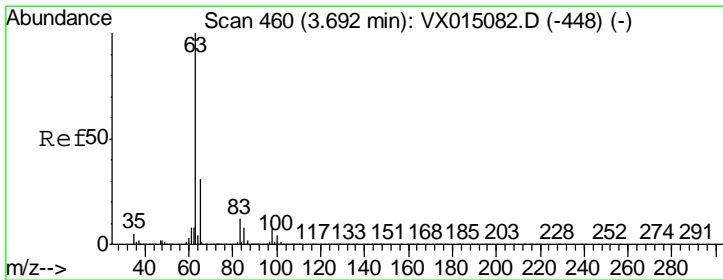
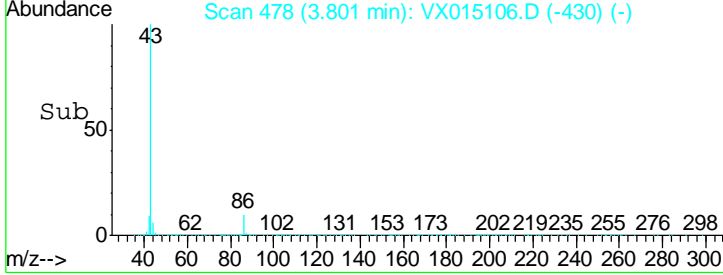
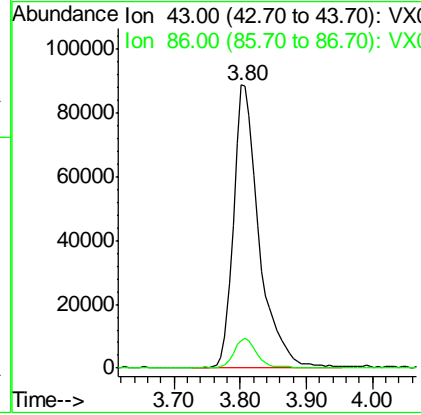
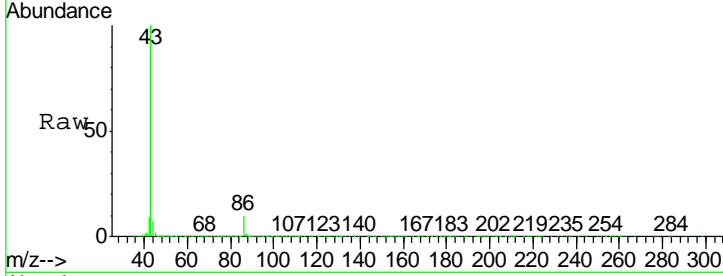


#23  
 Vinyl Acetate  
 Concen: 27.376 ug/l  
 RT: 3.80 min Scan# 478  
 Delta R.T. -0.01 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

**Instrument :**  
 MSVOA\_X  
**Client Sampled :**  
 LOQ-WATER-02-QT1-2020

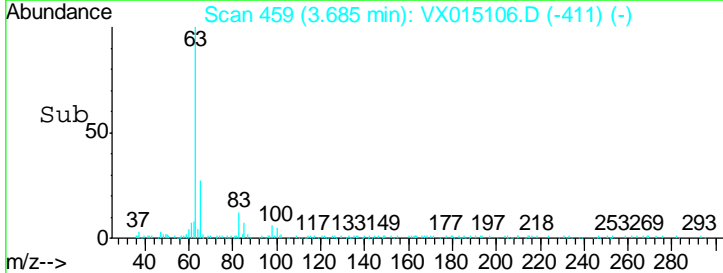
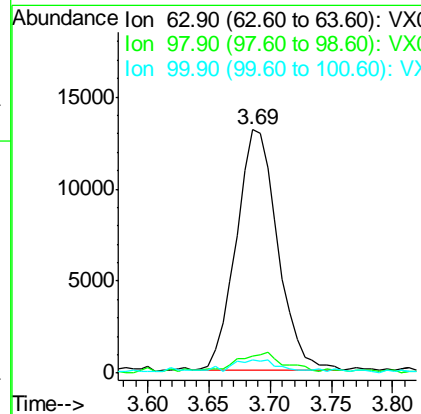
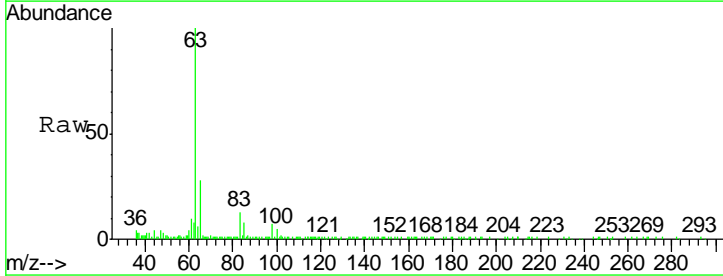
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 86      | 9.5   | 8.6   | 12.8  |

**Manual Integrations**  
**APPROVED**  
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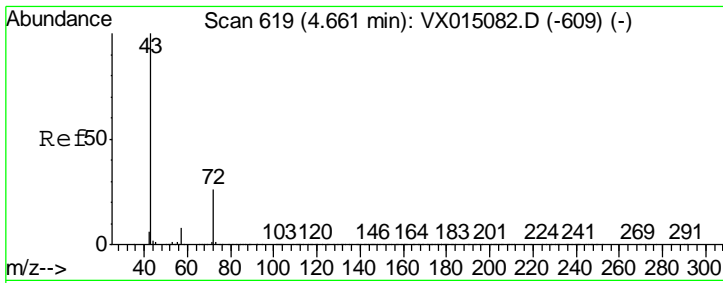


#24  
 1,1-Dichloroethane  
 Concen: 5.238 ug/l  
 RT: 3.69 min Scan# 459  
 Delta R.T. -0.01 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 98      | 6.2   | 3.7   | 11.1  |
| 100     | 4.2   | 2.1   | 6.5   |





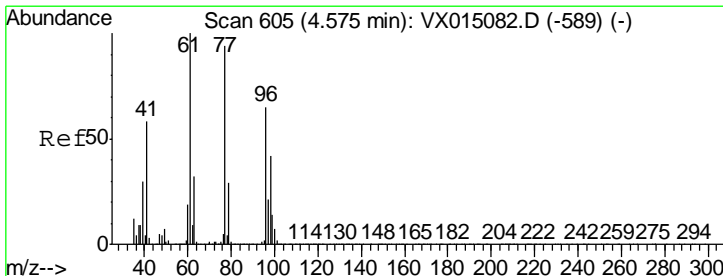
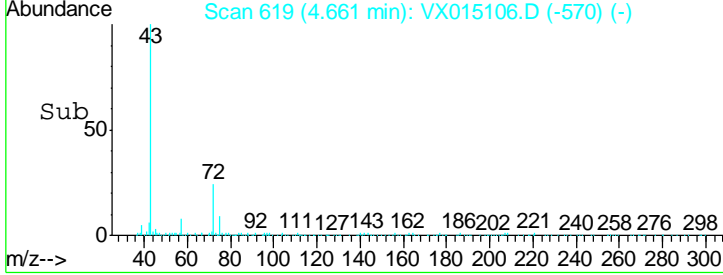
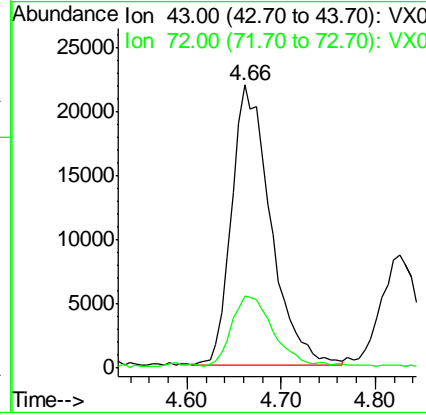
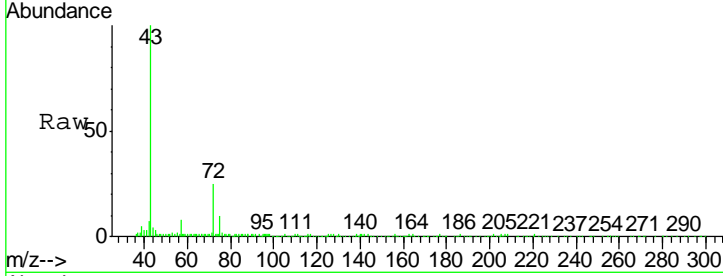


#25  
 2-Butanone  
 Concen: 28.739 ug/l  
 RT: 4.66 min Scan# 619  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 72      | 24.2  | 20.6  | 30.8  |

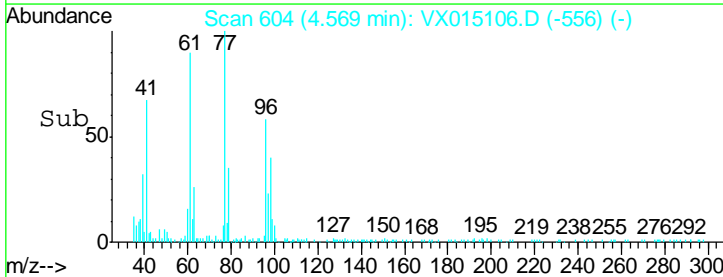
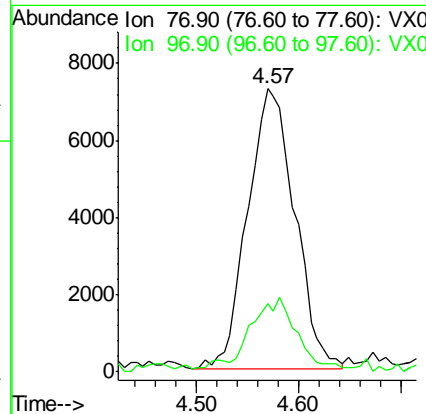
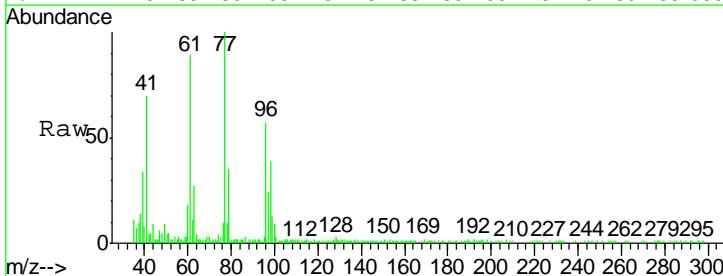
**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 LOQ-WATER-02-QT1-2020

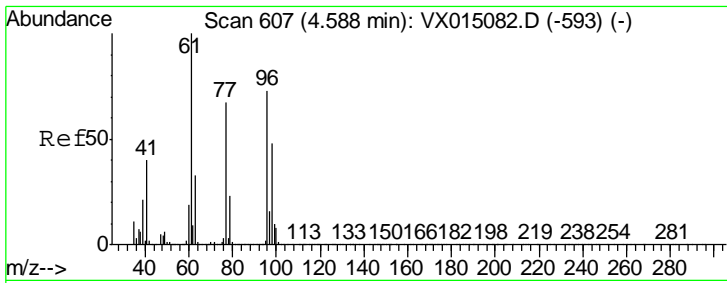
**Manual Integrations**  
**APPROVED**  
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 3/12/2020 2:47:27 PM



#26  
 2,2-Dichloropropane  
 Concen: 4.980 ug/l  
 RT: 4.57 min Scan# 604  
 Delta R.T. -0.01 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 77      | 100   |       |       |
| 97      | 24.1  | 11.8  | 35.4  |





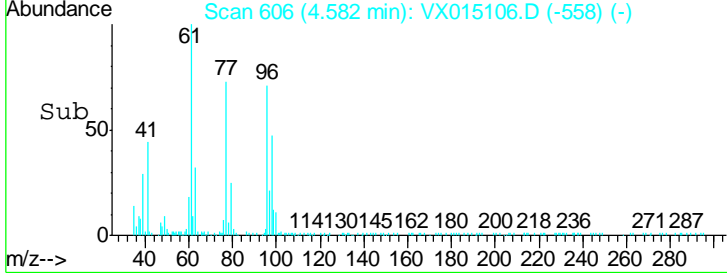
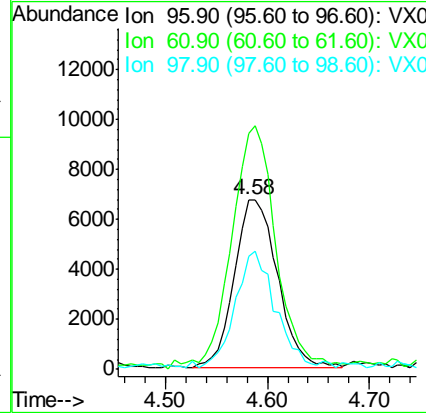
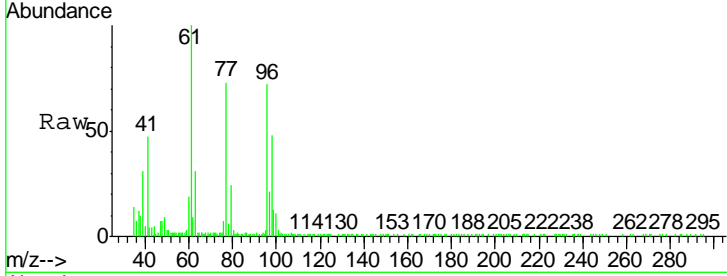
#27  
 cis-1,2-Dichloroethene  
 Concen: 5.420 ug/l  
 RT: 4.58 min Scan# 606  
 Delta R.T. -0.01 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 LOQ-WATER-02-QT1-2020

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 19833 |       |       |
| 96      | 100   |       |       |
| 61      | 150.0 | 0.0   | 286.8 |
| 98      | 64.9  | 0.0   | 128.4 |

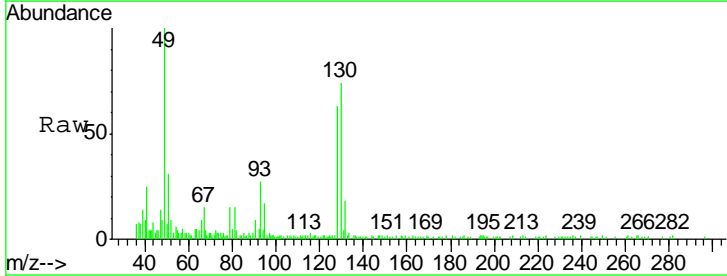
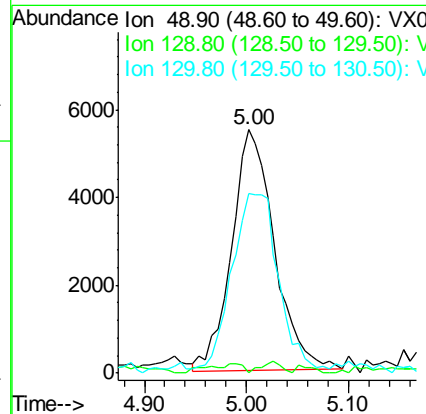
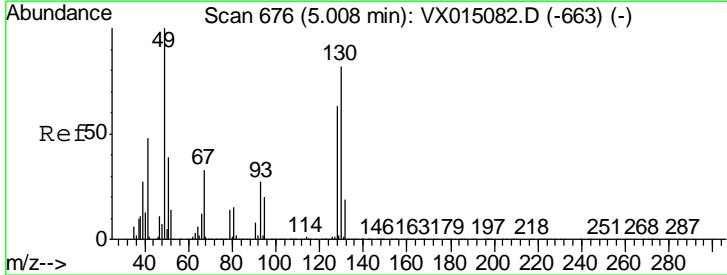
**Manual Integrations**  
**APPROVED**

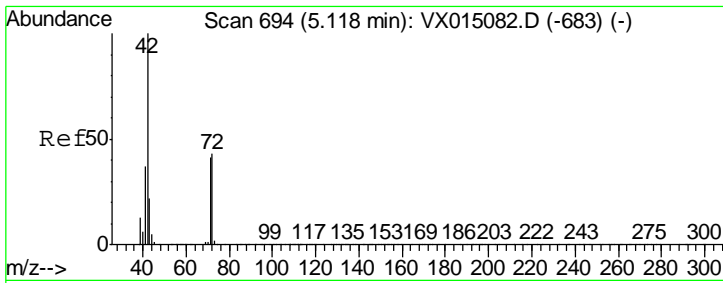
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#28  
 Bromochloromethane  
 Concen: 5.965 ug/l  
 RT: 5.00 min Scan# 675  
 Delta R.T. -0.01 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 15998 |       |       |
| 49      | 100   |       |       |
| 129     | 1.7   | 0.0   | 4.4   |
| 130     | 78.1  | 65.0  | 97.6  |





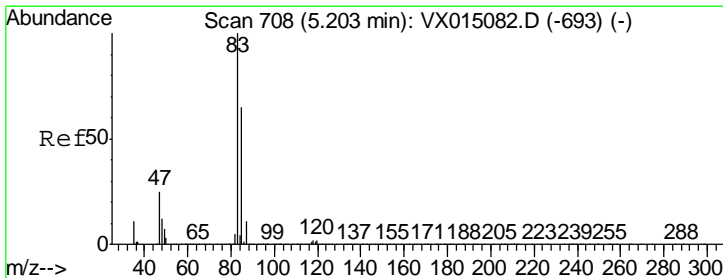
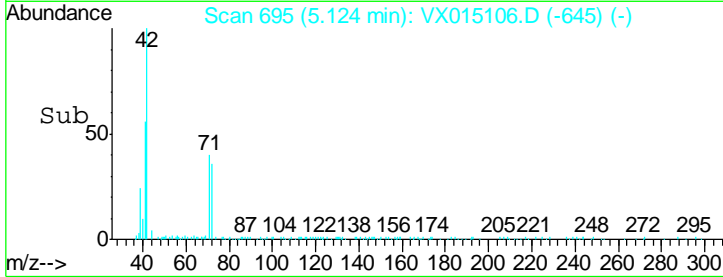
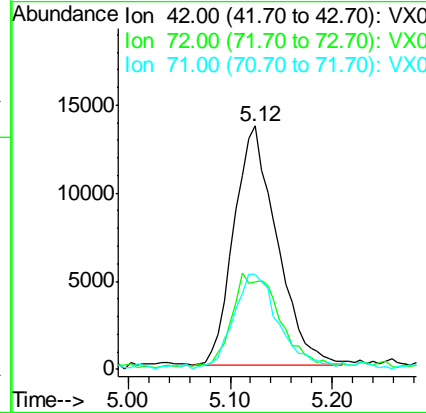
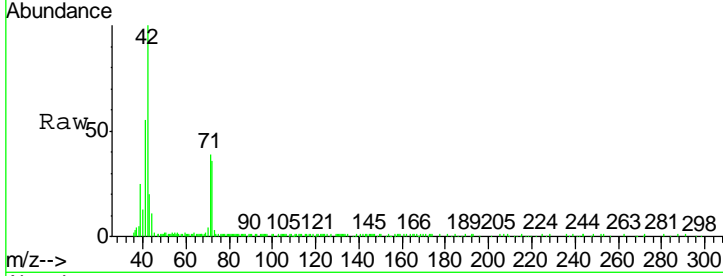
#29  
 Tetrahydrofuran  
 Concen: 27.874 ug/l  
 RT: 5.12 min Scan# 695  
 Delta R.T. 0.01 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 LOQ-WATER-02-QT1-2020

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 39728 |       |       |
| 72      | 43.2  | 36.4  | 54.6  |
| 71      | 42.5  | 33.3  | 49.9  |

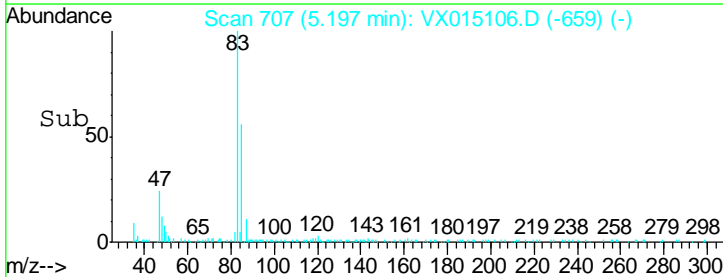
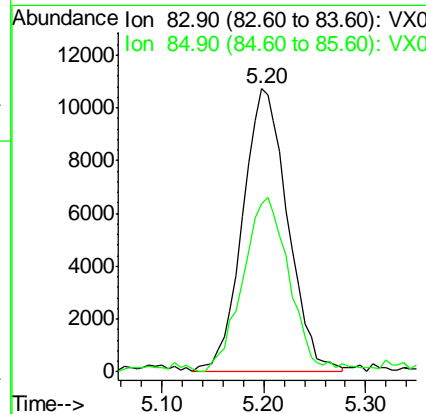
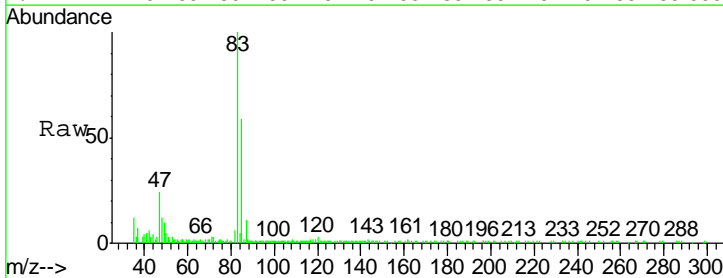
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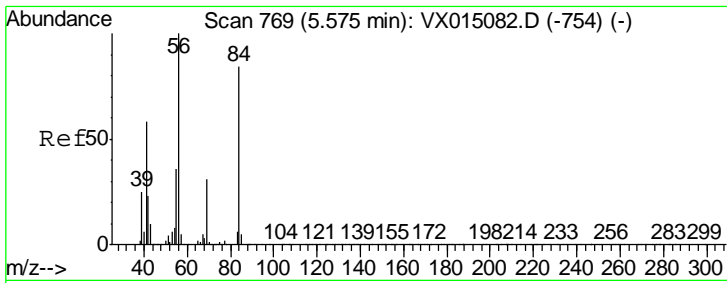
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 3/12/2020 2:47:27 PM



#30  
 Chloroform  
 Concen: 5.741 ug/l  
 RT: 5.20 min Scan# 707  
 Delta R.T. -0.01 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

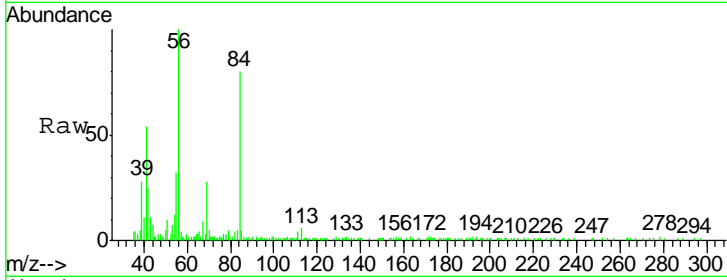
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 32956 |       |       |
| 85      | 59.2  | 52.0  | 78.0  |





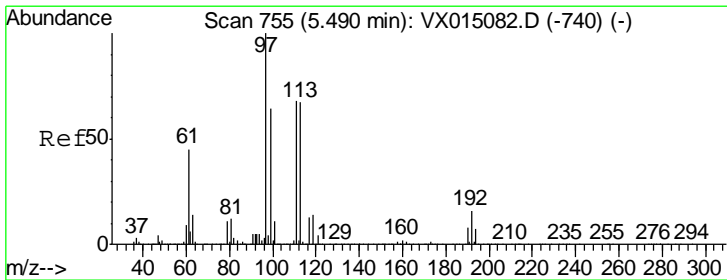
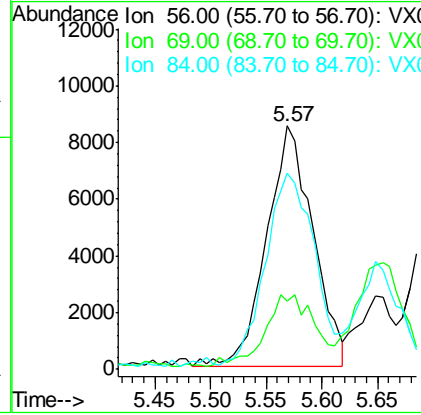
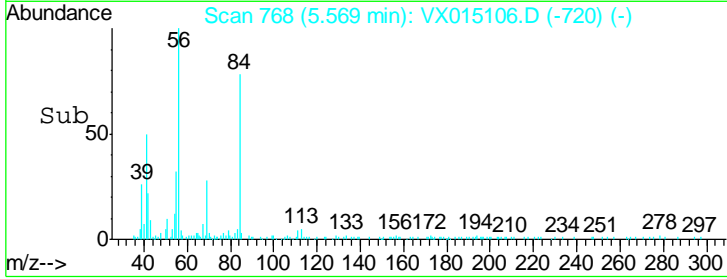
#31  
 Cyclohexane  
 Concen: 4.676 ug/l  
 RT: 5.57 min Scan# 768  
 Delta R.T. -0.01 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 ClientSampled : LOQ-WATER-02-QT1-2020

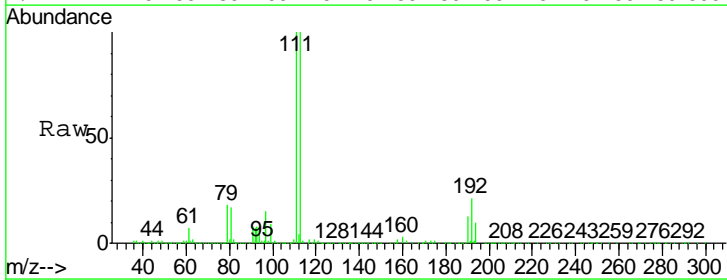


| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 56      | 100  |       |       |
| 69      | 27.0 | 25.0  | 37.6  |
| 84      | 76.5 | 67.6  | 101.4 |

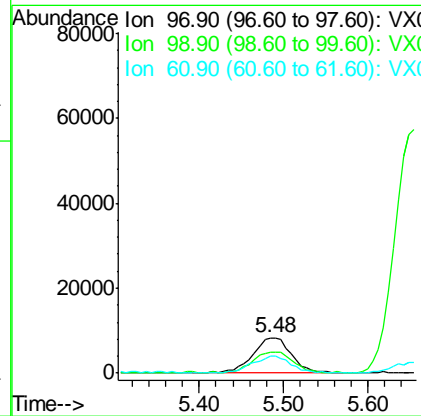
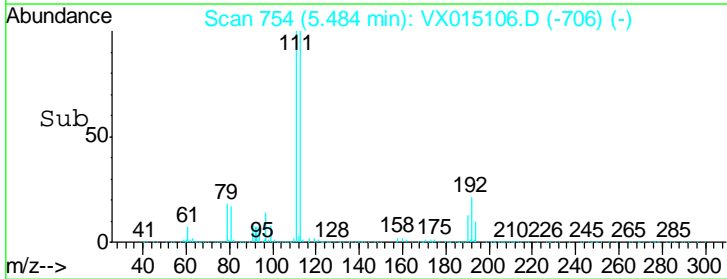
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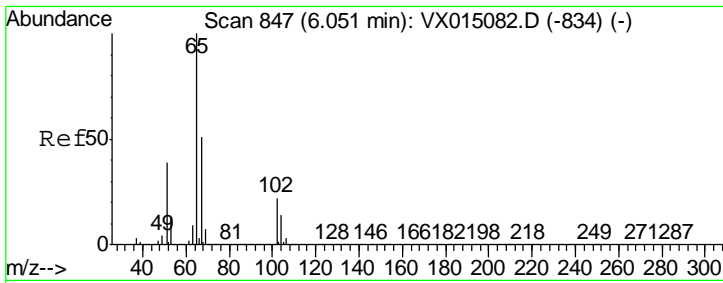


#32  
 1,1,1-Trichloroethane  
 Concen: 5.307 ug/l  
 RT: 5.48 min Scan# 754  
 Delta R.T. -0.01 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03



| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 97      | 100  |       |       |
| 99      | 60.1 | 52.8  | 79.2  |
| 61      | 49.9 | 36.6  | 54.8  |





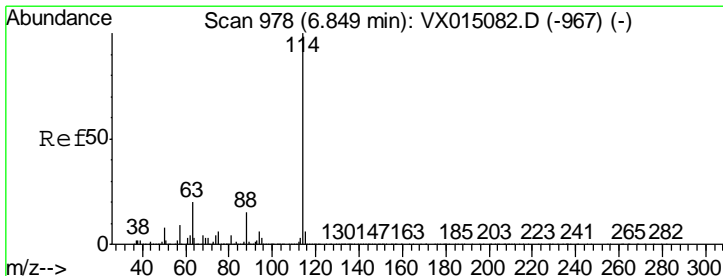
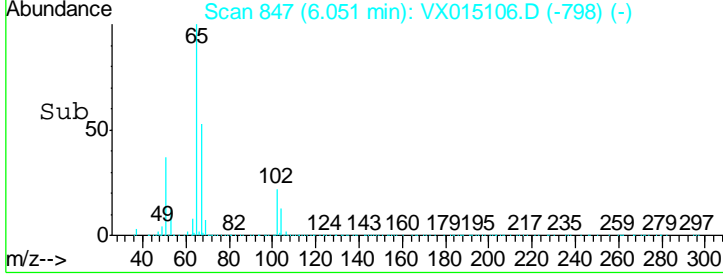
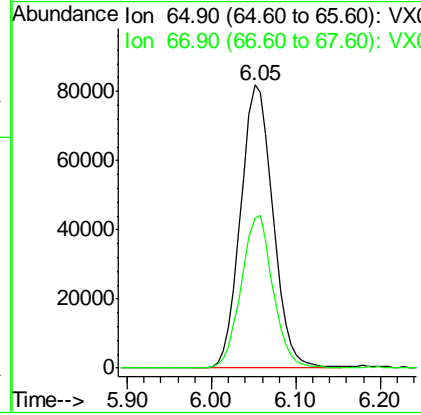
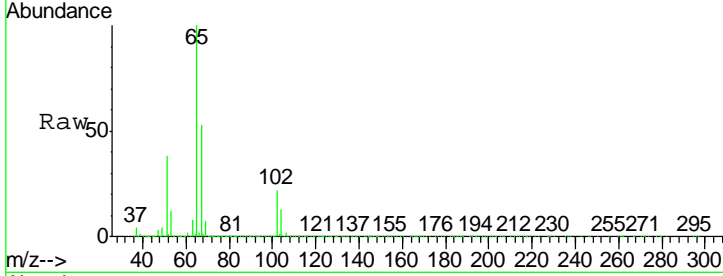
#33  
 1,2-Dichloroethane-d4  
 Concen: 56.696 ug/l  
 RT: 6.05 min Scan# 847  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 ClientSampled : LOQ-WATER-02-QT1-2020

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 65      | 100  |       |       |
| 67      | 52.7 | 0.0   | 105.6 |

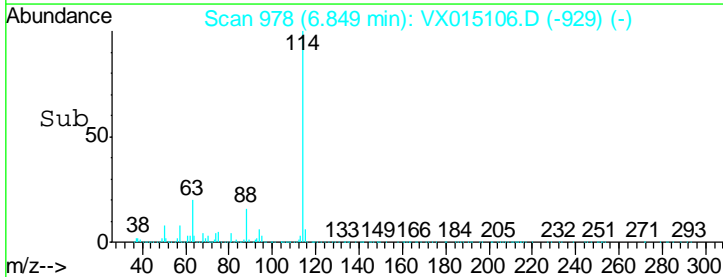
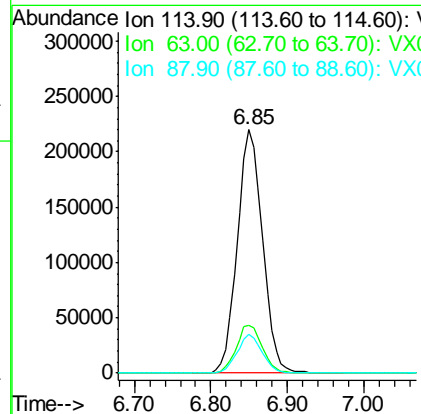
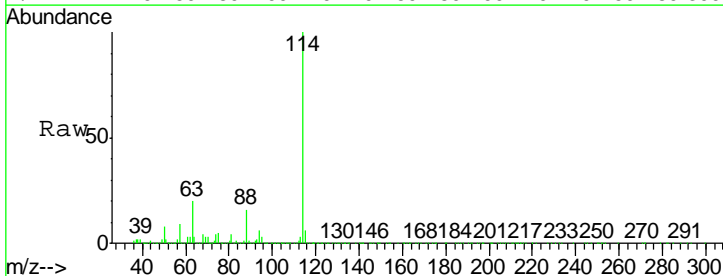
Manual Integrations  
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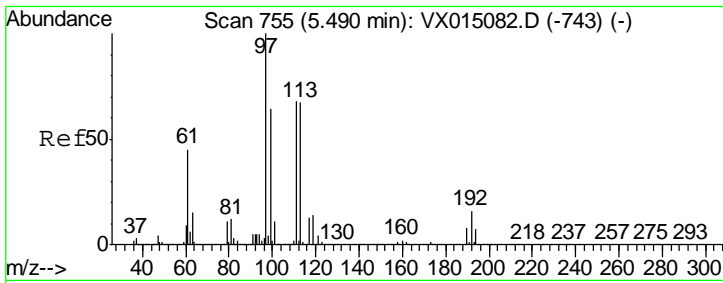
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 3/12/2020 2:47:27 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.85 min Scan# 978  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

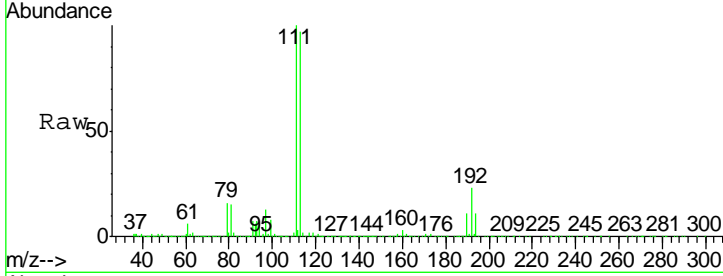
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 114     | 100  |       |       |
| 63      | 19.8 | 0.0   | 40.0  |
| 88      | 15.7 | 0.0   | 30.6  |





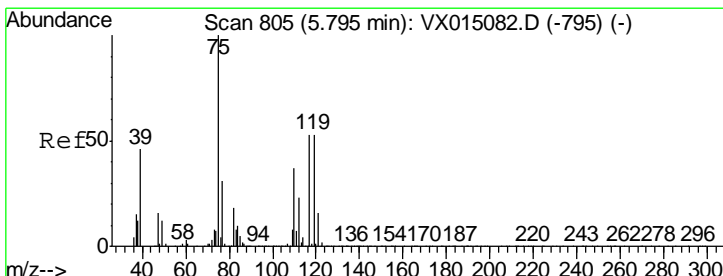
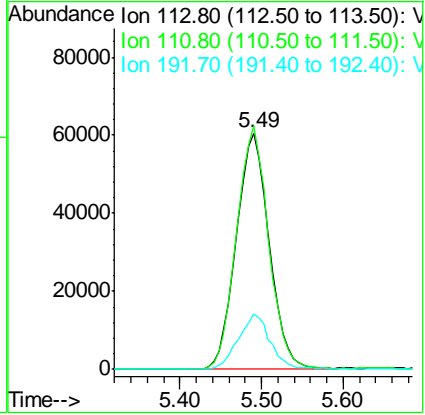
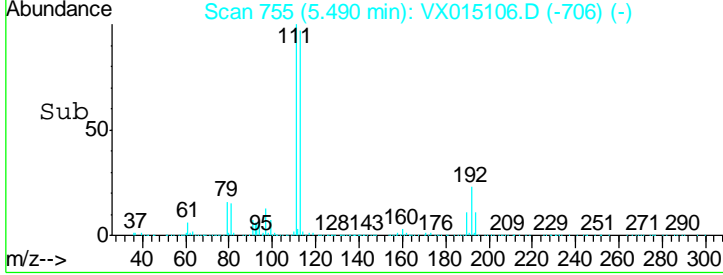
#35  
 Dibromofluoromethane  
 Concen: 52.996 ug/l  
 RT: 5.49 min Scan# 755  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 Client Sampled : LOQ-WATER-02-QT1-2020

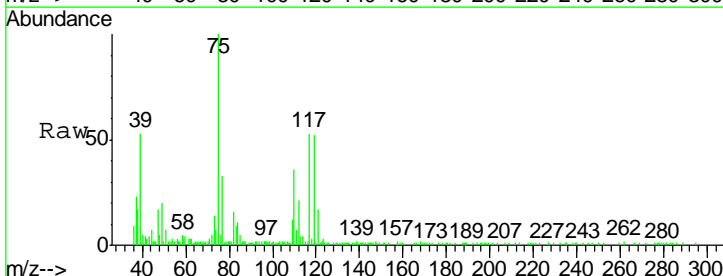


| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 100.4 | 82.6  | 123.8 |
| 192     | 22.9  | 18.6  | 28.0  |

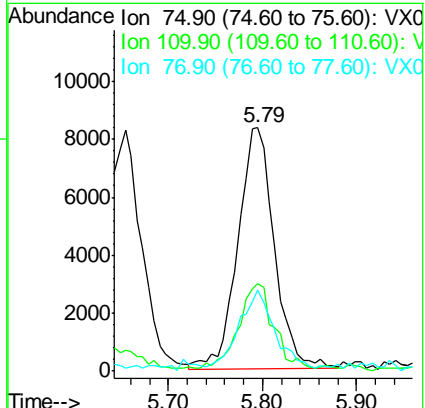
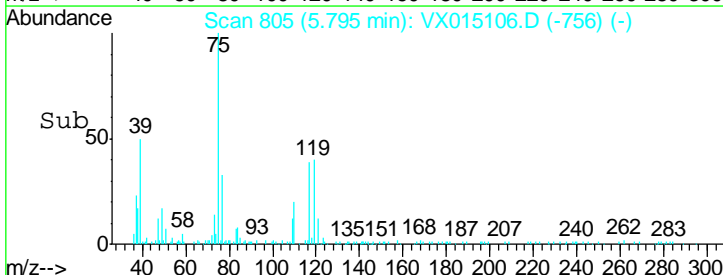
Manual Integrations APPROVED  
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 3/12/2020 2:47:27 PM

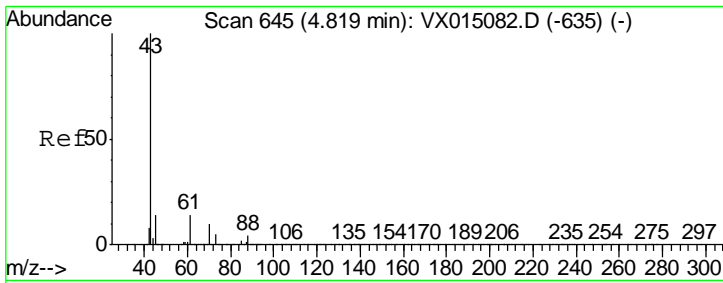


#36  
 1,1-Dichloropropene  
 Concen: 4.848 ug/l  
 RT: 5.79 min Scan# 805  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03



| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 75      | 100  |       |       |
| 110     | 36.8 | 17.9  | 53.8  |
| 77      | 32.1 | 24.8  | 37.2  |





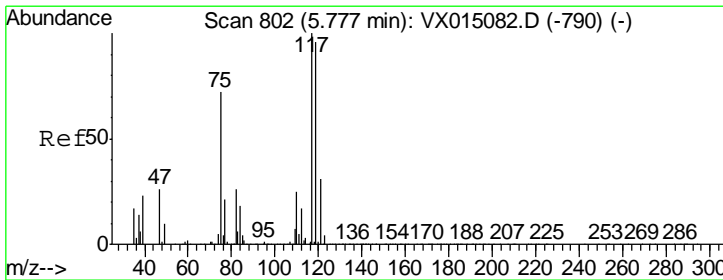
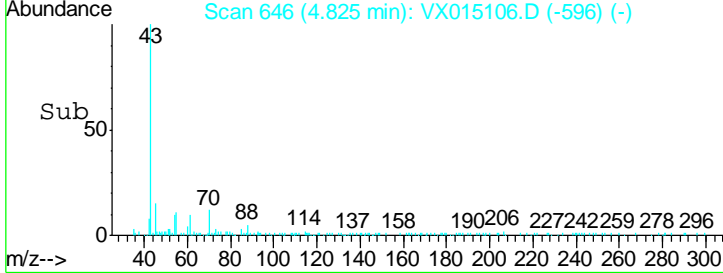
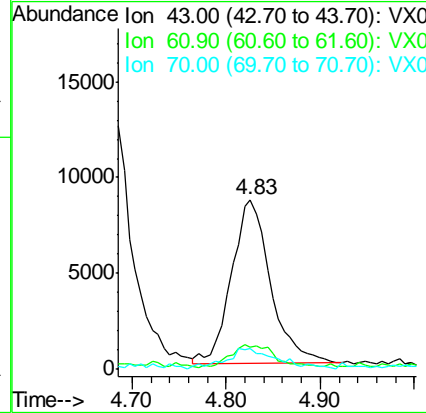
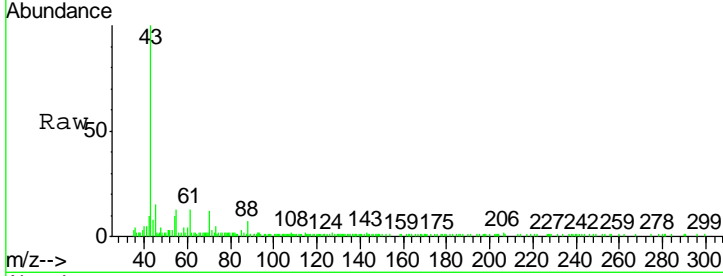
#37  
 Ethyl Acetate  
 Concen: 5.699 ug/l  
 RT: 4.83 min Scan# 646  
 Delta R.T. 0.01 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 Client Sampled : LOQ-WATER-02-QT1-2020

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 43      | 100  |       |       |
| 61      | 15.6 | 11.0  | 16.4  |
| 70      | 16.0 | 8.1   | 12.1  |

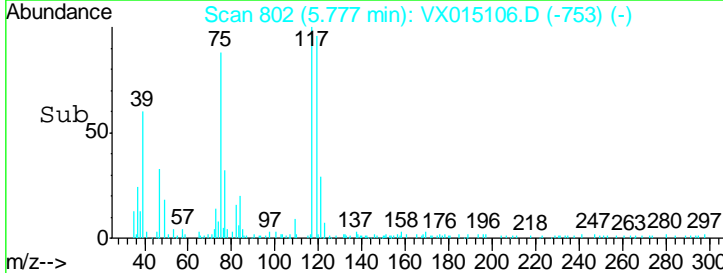
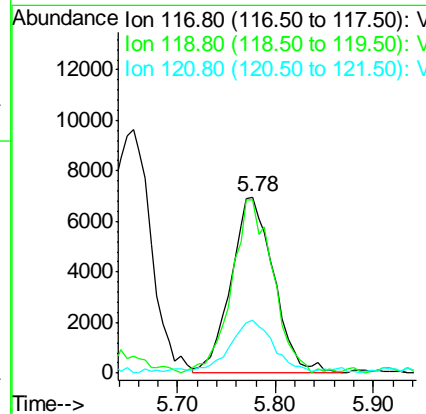
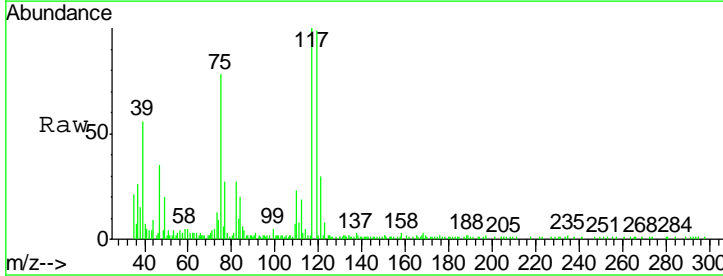
Manual Integrations  
 APPROVED

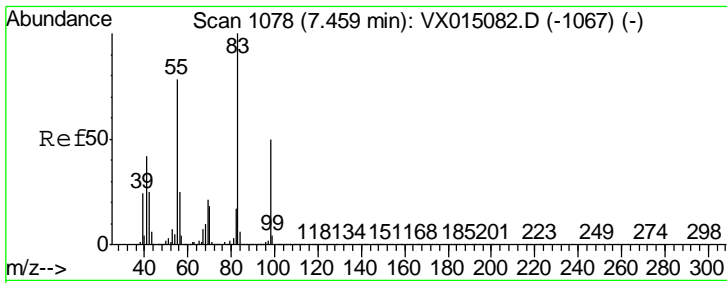
MMDadoda  
 3/12/2020 2:47:27 PM



#38  
 Carbon Tetrachloride  
 Concen: 4.815 ug/l  
 RT: 5.78 min Scan# 802  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 117     | 100  |       |       |
| 119     | 97.4 | 76.9  | 115.3 |
| 121     | 27.7 | 24.6  | 37.0  |



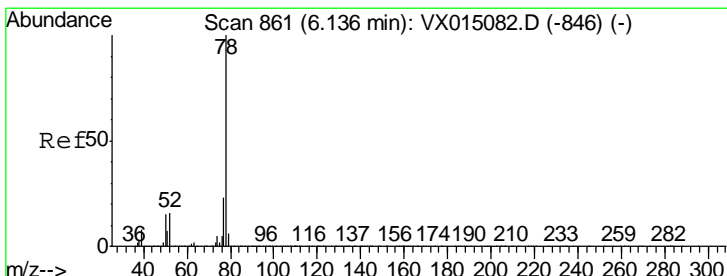
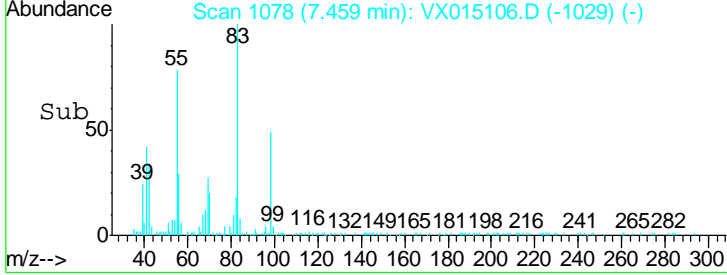
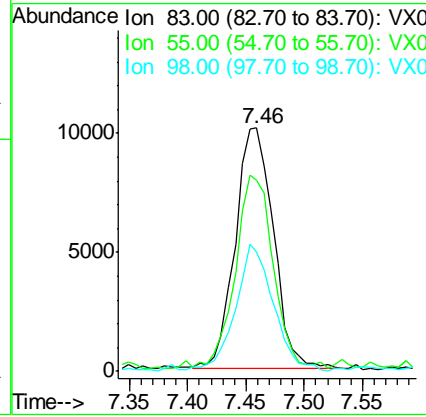
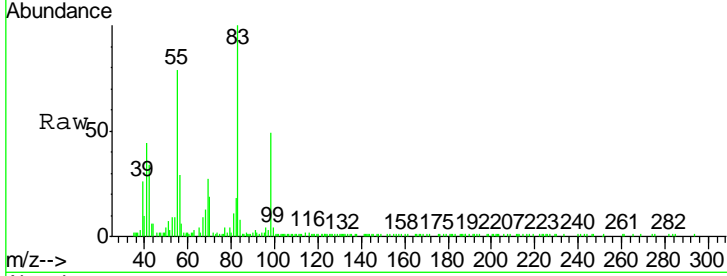


#39  
 Methylcyclohexane  
 Concen: 4.243 ug/l  
 RT: 7.46 min Scan# 1078  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 LOQ-WATER-02-QT1-2020

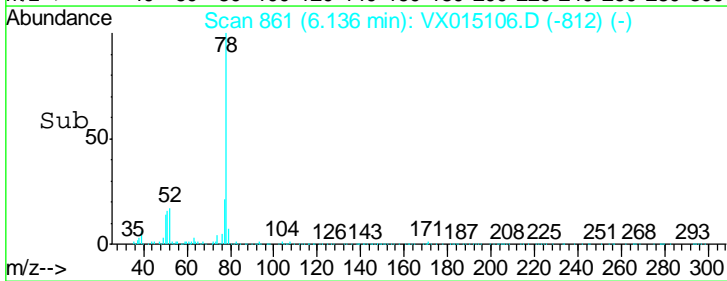
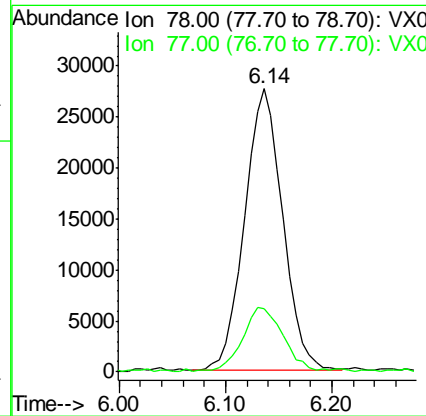
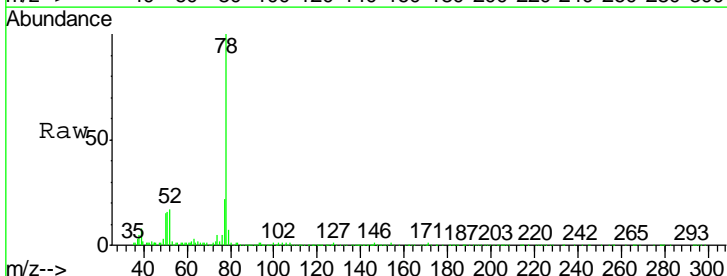
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 23034 |       |       |
| 83      | 100   |       |       |
| 55      | 78.0  | 62.4  | 93.6  |
| 98      | 48.4  | 39.7  | 59.5  |

**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 3/12/2020 2:47:27 PM

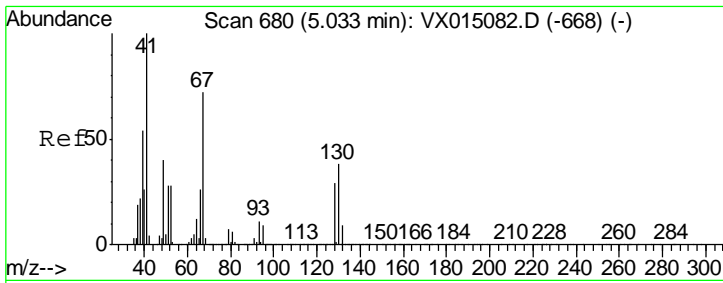


#40  
 Benzene  
 Concen: 5.039 ug/l  
 RT: 6.14 min Scan# 861  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 69507 |       |       |
| 78      | 100   |       |       |
| 77      | 22.2  | 18.6  | 28.0  |

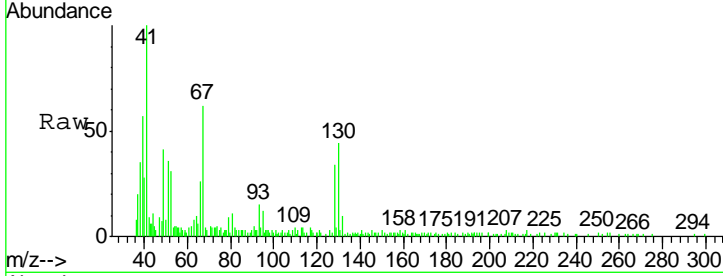






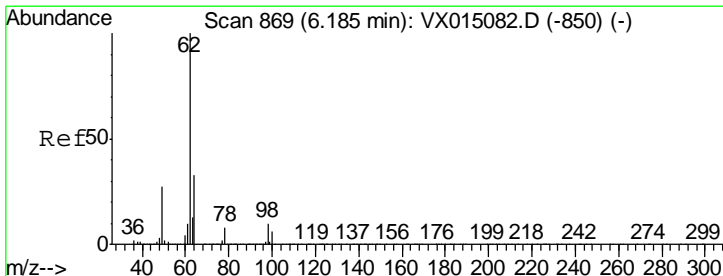
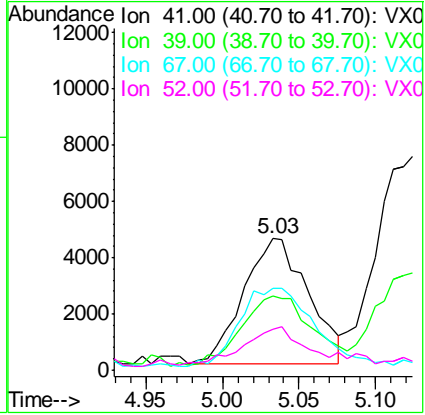
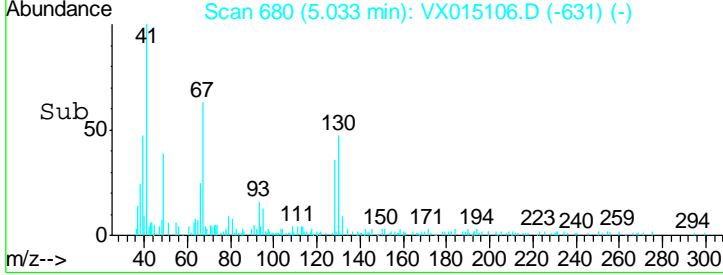
#41  
 Methacrylonitrile  
 Concen: 5.050 ug/l  
 RT: 5.03 min Scan# 680  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 ClientSampled : LOQ-WATER-02-QT1-2020



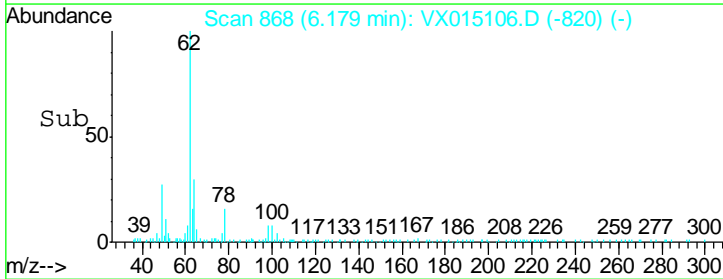
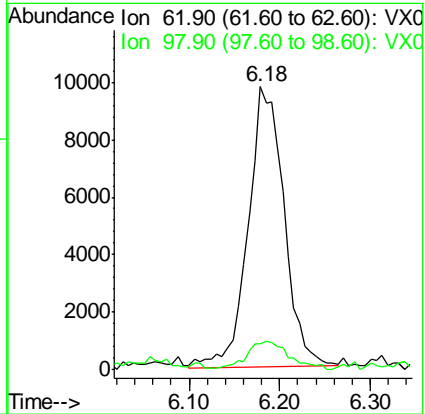
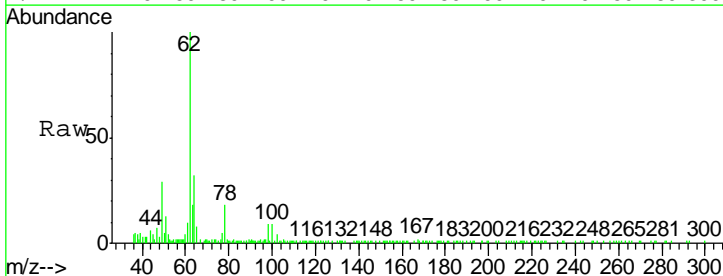
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 41      | 100  |       |       |
| 39      | 58.9 | 43.9  | 65.9  |
| 67      | 73.8 | 57.8  | 86.8  |
| 52      | 34.0 | 22.6  | 34.0# |

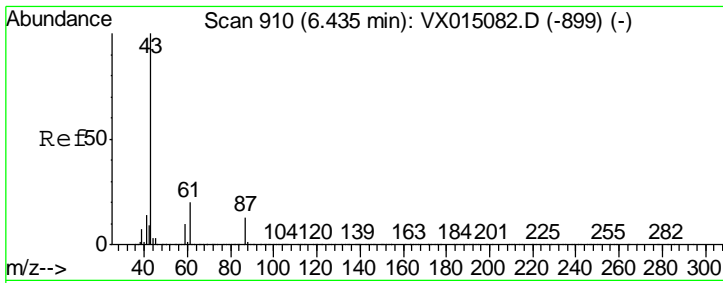
Manual Integrations  
**APPROVED**  
 MMDadoda  
 3/12/2020 2:47:27 PM



#42  
 1,2-Dichloroethane  
 Concen: 5.638 ug/l  
 RT: 6.18 min Scan# 868  
 Delta R.T. -0.01 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 62      | 100  |       |       |
| 98      | 12.2 | 0.0   | 20.6  |





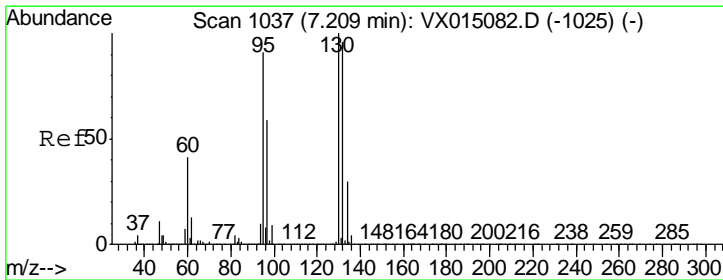
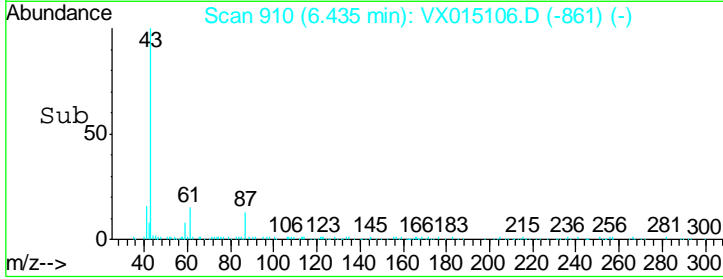
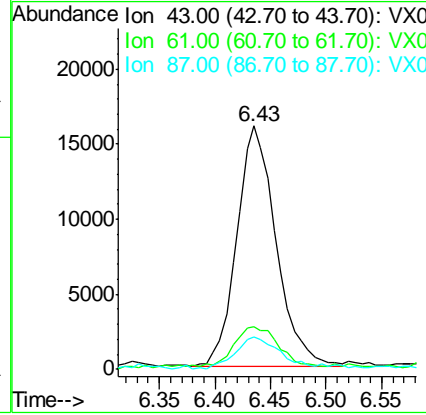
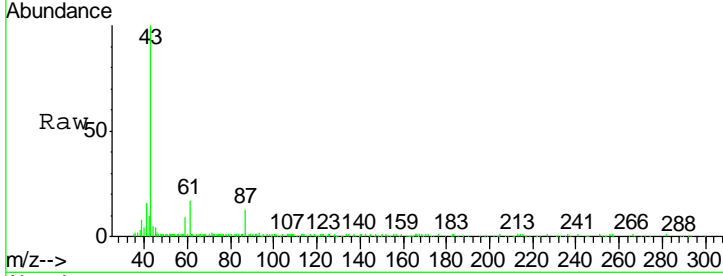
#43  
 Isopropyl Acetate  
 Concen: 5.174 ug/l  
 RT: 6.43 min Scan# 910  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 LOQ-WATER-02-QT1-2020

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 43      | 100  |       |       |
| 61      | 18.6 | 16.1  | 24.1  |
| 87      | 15.3 | 10.6  | 16.0  |

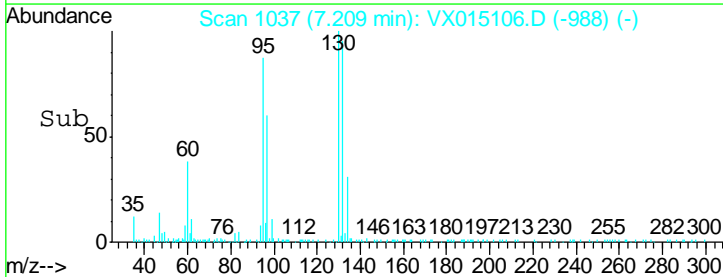
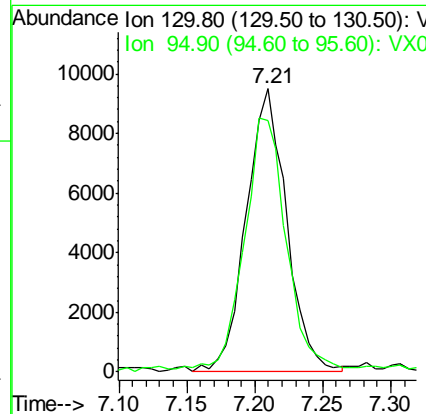
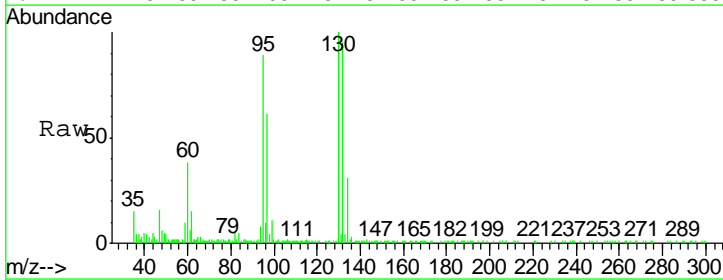
**Manual Integrations**  
**APPROVED**

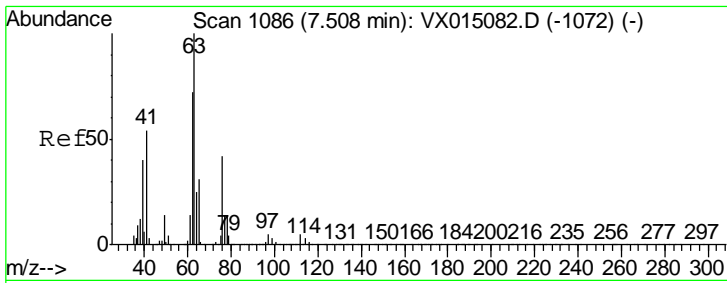
MMDadoda  
 3/12/2020 2:47:27 PM



#44  
 Trichloroethene  
 Concen: 5.148 ug/l  
 RT: 7.21 min Scan# 1037  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 130     | 100  |       |       |
| 95      | 87.2 | 0.0   | 181.2 |



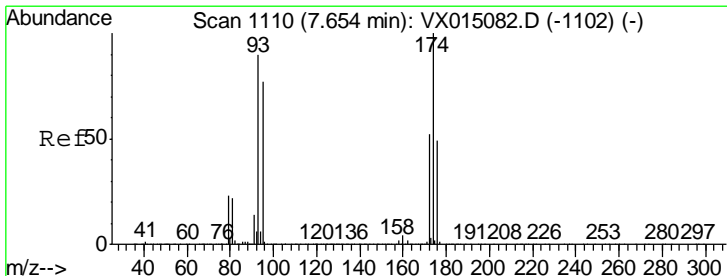
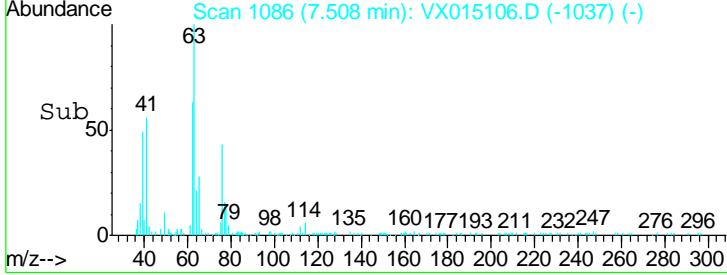
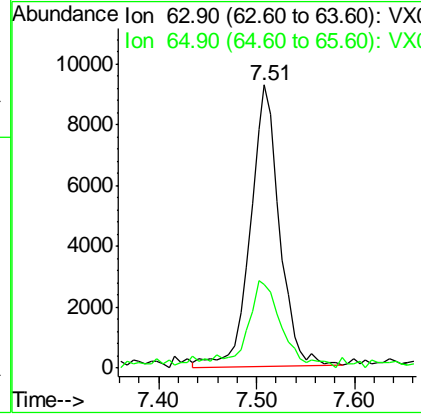
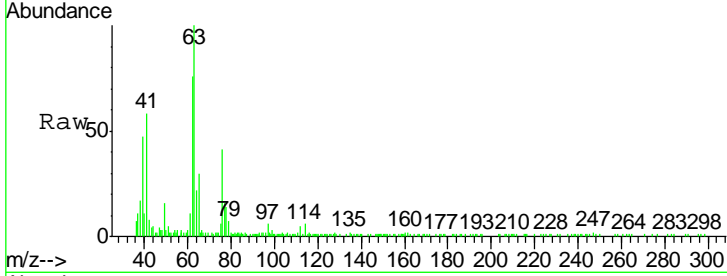


#45  
 1,2-Dichloropropane  
 Concen: 5.299 ug/l  
 RT: 7.51 min Scan# 1086  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 ClientSampled : LOQ-WATER-02-QT1-2020

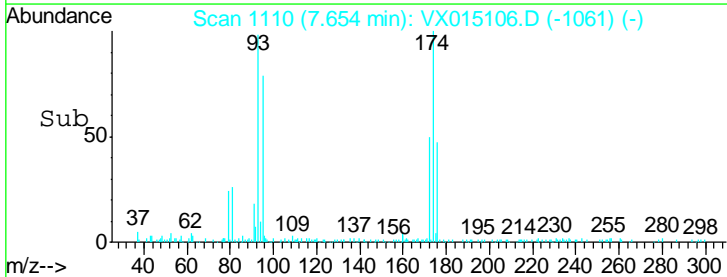
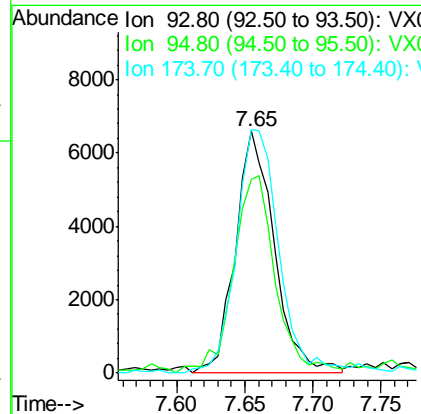
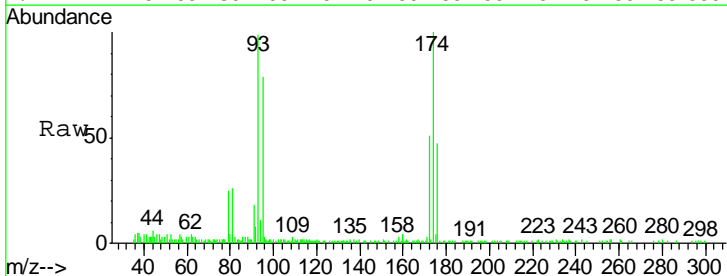
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 18919 |       |       |
| 65      | 26.2  | 24.6  | 36.8  |

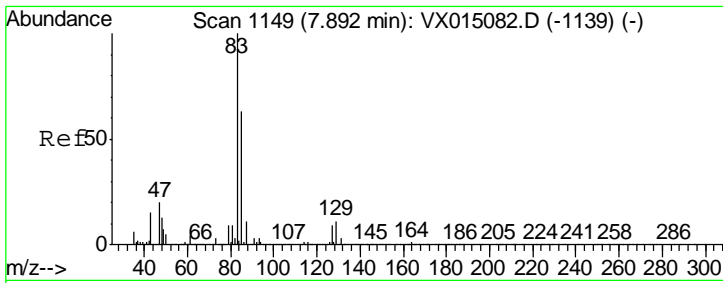
Manual Integrations  
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 3/12/2020 2:47:27 PM



#46  
 Dibromomethane  
 Concen: 5.682 ug/l  
 RT: 7.65 min Scan# 1110  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 13218 |       |       |
| 95      | 87.6  | 67.8  | 101.8 |
| 174     | 109.9 | 91.0  | 136.4 |





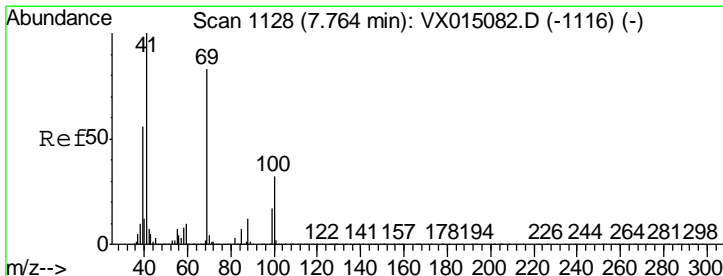
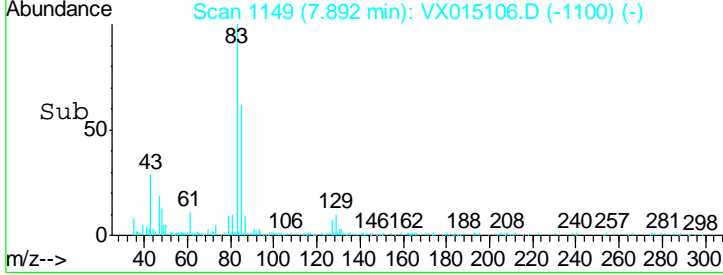
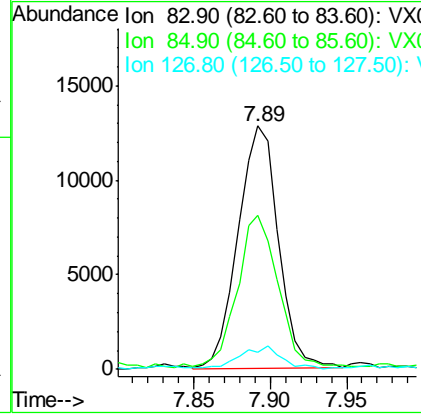
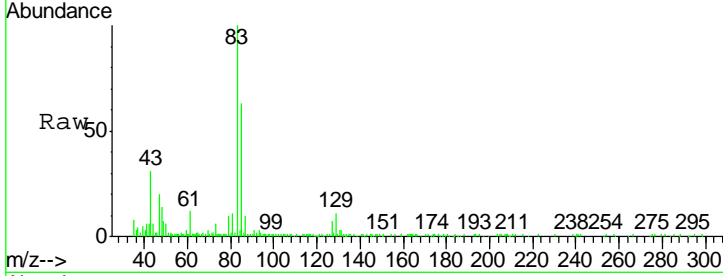
#47  
 Bromodichloromethane  
 Concen: 5.089 ug/l  
 RT: 7.89 min Scan# 1149  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 Client Sampled : LOQ-WATER-02-QT1-2020

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 83      | 100  |       |       |
| 85      | 62.0 | 50.6  | 75.8  |
| 127     | 6.6  | 7.1   | 10.7# |

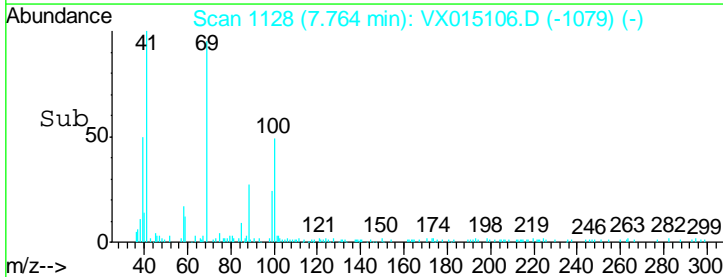
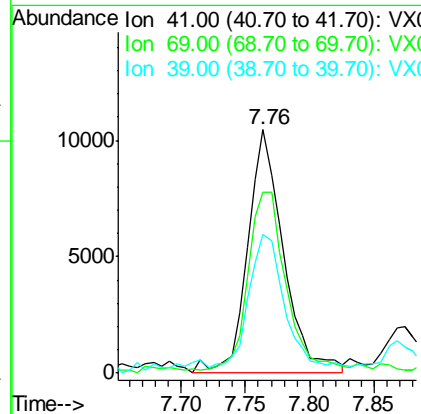
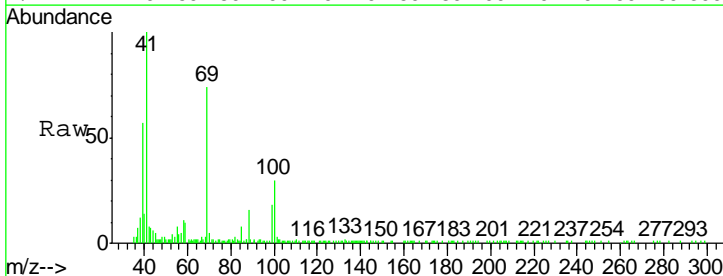
Manual Integrations  
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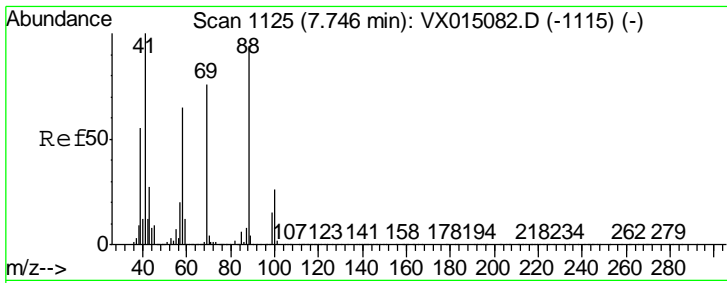
MMDadoda  
 3/12/2020 2:47:27 PM



#48  
 Methyl methacrylate  
 Concen: 5.203 ug/l  
 RT: 7.76 min Scan# 1128  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 41      | 100  |       |       |
| 69      | 77.3 | 65.4  | 98.2  |
| 39      | 53.0 | 44.6  | 67.0  |





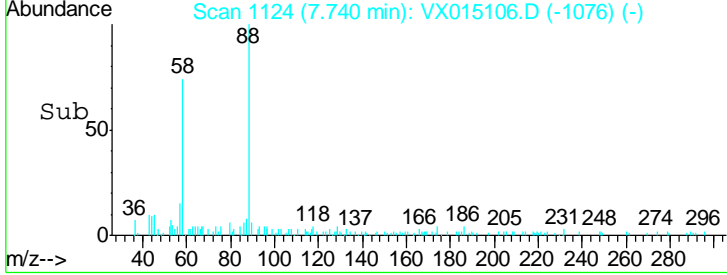
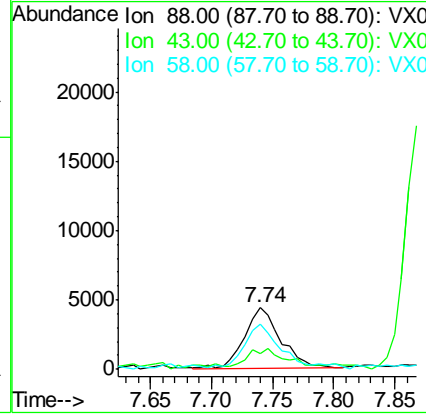
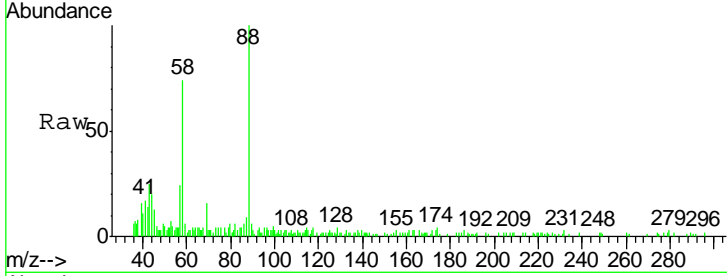
#49  
 1,4-Dioxane  
 Concen: 107.507 ug/l  
 RT: 7.74 min Scan# 1124  
 Delta R.T. -0.01 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

**Instrument :**  
 MSVOA\_X  
**Client Sampled :**  
 LOQ-WATER-02-QT1-2020

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 88      | 100  |       |       |
| 43      | 27.1 | 27.0  | 40.4  |
| 58      | 67.3 | 55.6  | 83.4  |

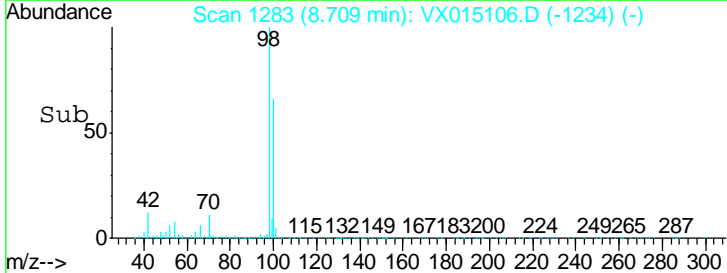
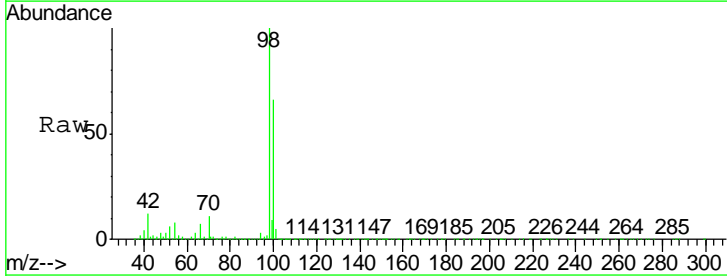
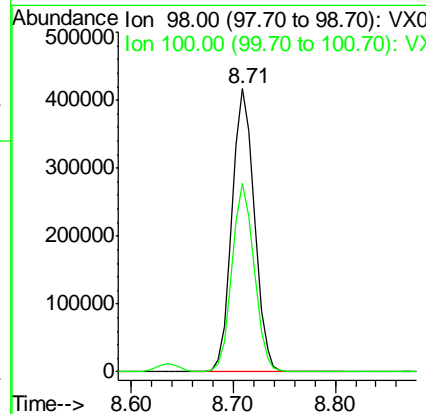
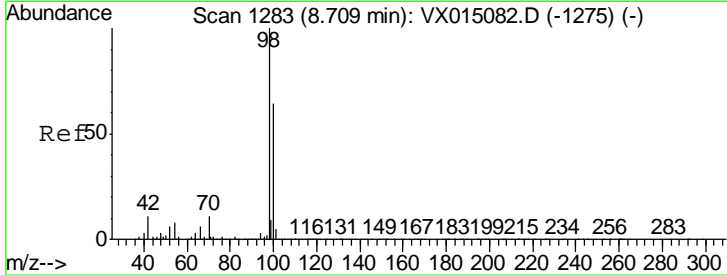
**Manual Integrations**  
**APPROVED**

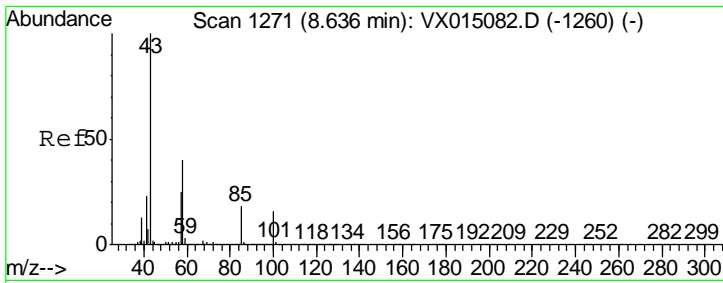
MMDadoda  
 3/12/2020 2:47:27 PM



#50  
 Toluene-d8  
 Concen: 52.249 ug/l  
 RT: 8.71 min Scan# 1283  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 98      | 100  |       |       |
| 100     | 65.6 | 52.4  | 78.6  |





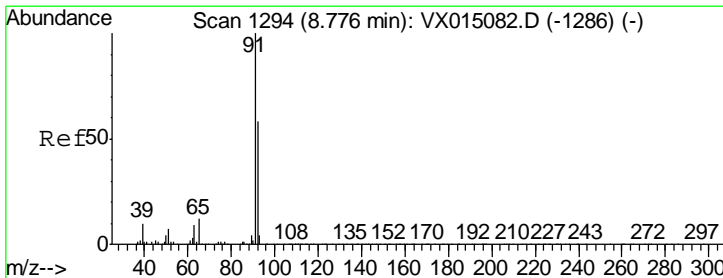
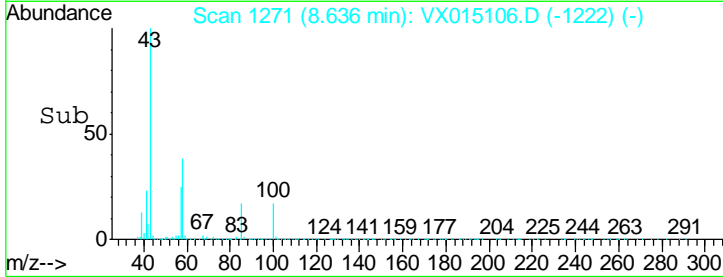
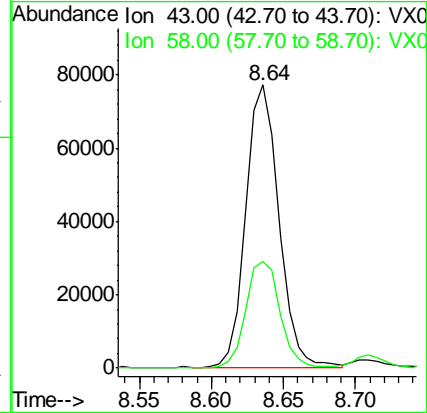
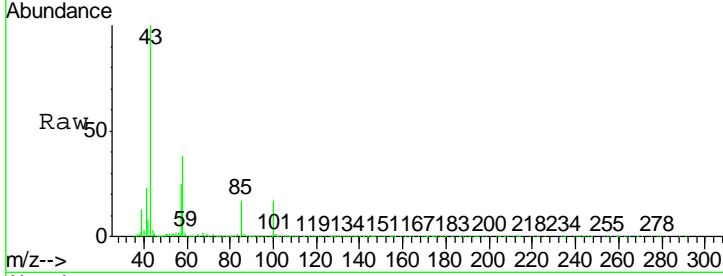
#51  
 4-Methyl-2-Pentanone  
 Concen: 27.268 ug/l  
 RT: 8.64 min Scan# 1271  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 LOQ-WATER-02-QT1-2020

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 43      | 100  |       |       |
| 58      | 39.3 | 31.6  | 47.4  |

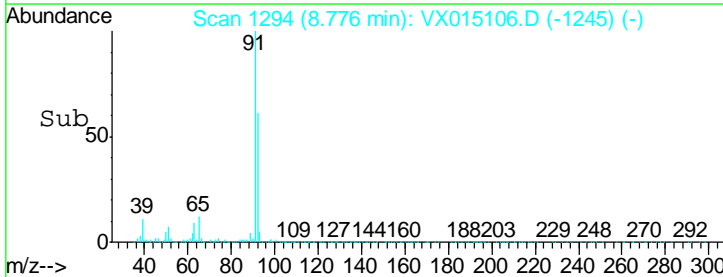
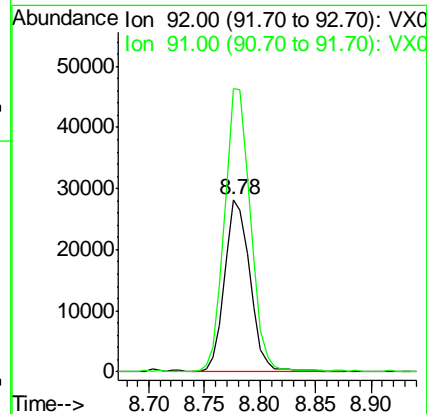
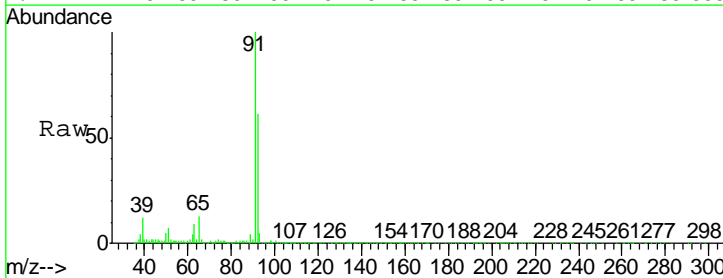
Manual Integrations  
 APPROVED

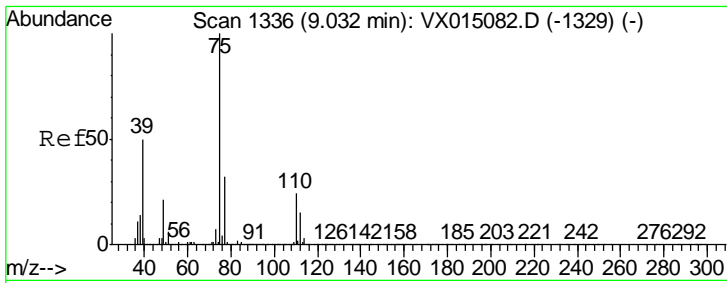
MMDadoda  
 3/12/2020 2:47:27 PM



#52  
 Toluene  
 Concen: 5.197 ug/l  
 RT: 8.78 min Scan# 1294  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 92      | 100   |       |       |
| 91      | 170.5 | 136.9 | 205.3 |



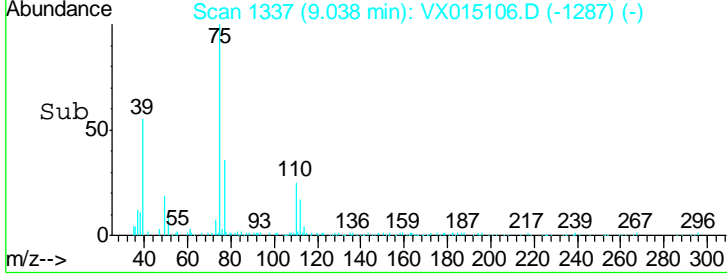
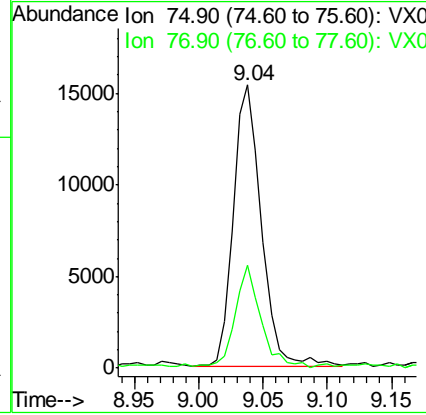
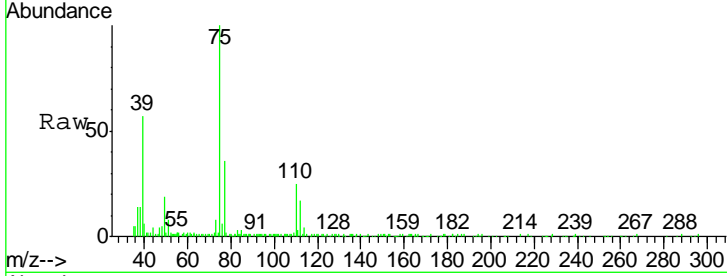


#53  
 t-1,3-Dichloropropene  
 Concen: 4.760 ug/l  
 RT: 9.04 min Scan# 1337  
 Delta R.T. 0.01 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 LOQ-WATER-02-QT1-2020

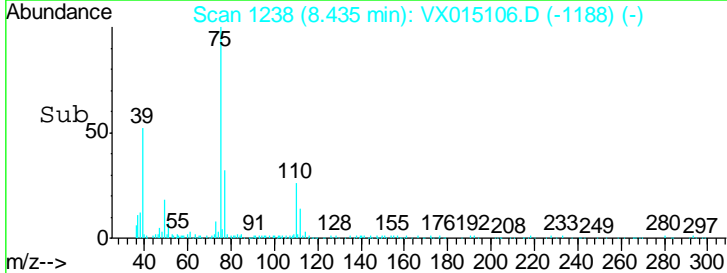
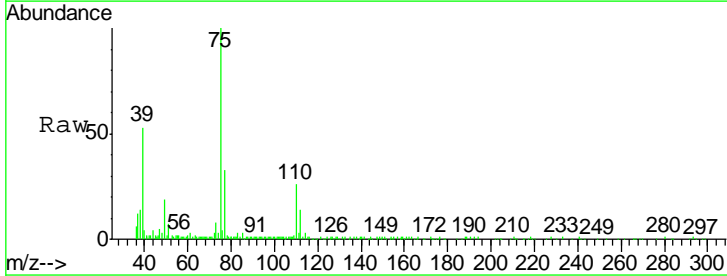
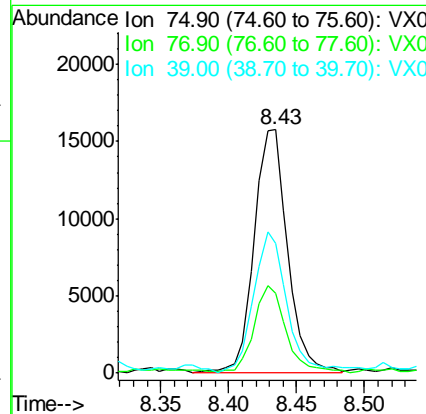
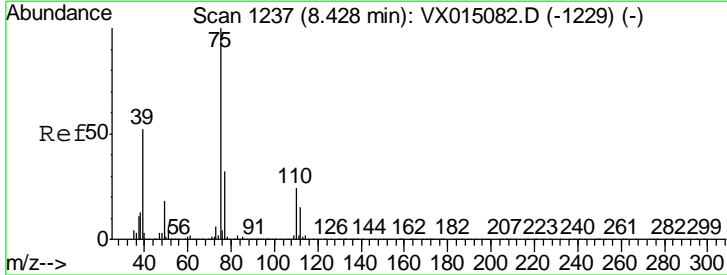
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 23306 |       |       |
| 75      | 100   |       |       |
| 77      | 35.2  | 25.4  | 38.0  |

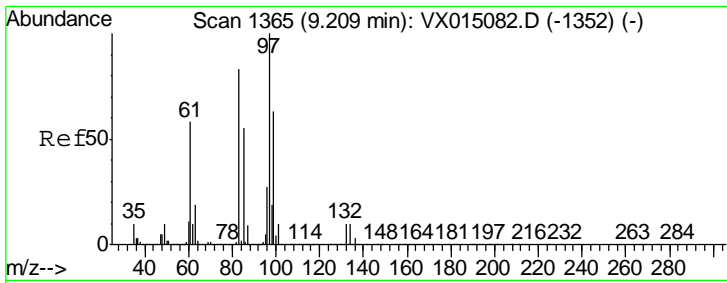
**Manual Integrations**  
**APPROVED**  
 MMDadoda  
 3/12/2020 2:47:27 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 4.936 ug/l  
 RT: 8.43 min Scan# 1238  
 Delta R.T. 0.01 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

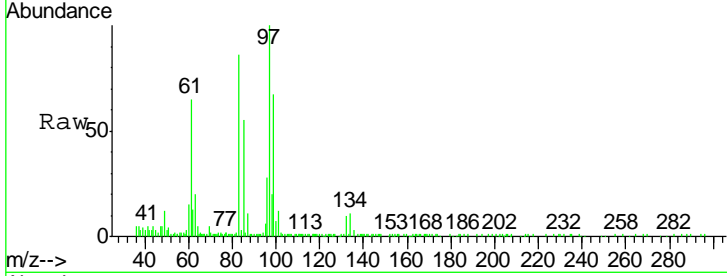
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 27321 |       |       |
| 75      | 100   |       |       |
| 77      | 31.4  | 25.8  | 38.6  |
| 39      | 51.3  | 41.3  | 61.9  |





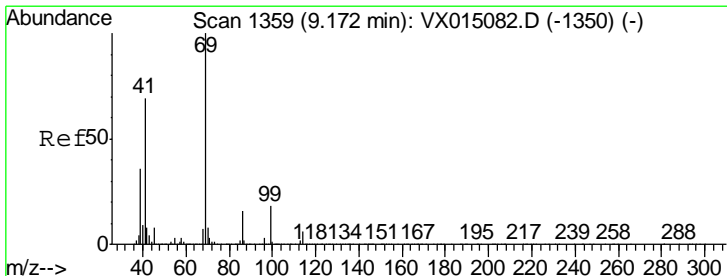
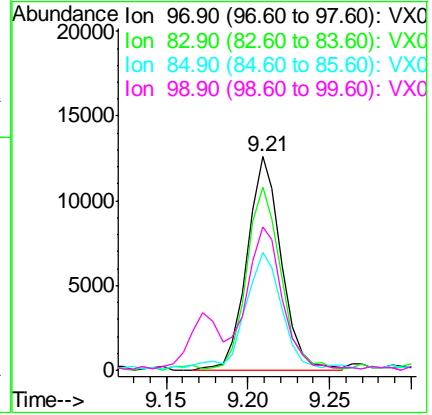
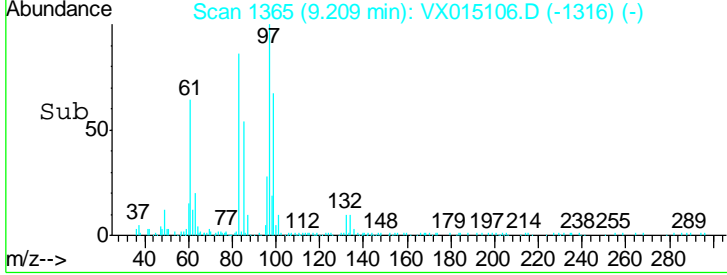
#55  
 1,1,2-Trichloroethane  
 Concen: 5.318 ug/l  
 RT: 9.21 min Scan# 1365  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 ClientSampled : LOQ-WATER-02-QT1-2020

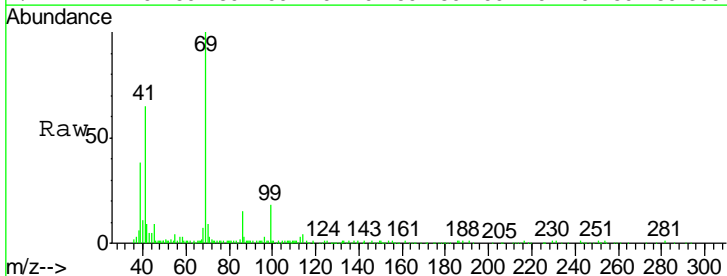


| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 18459 |       |       |
| 97      | 100   |       |       |
| 83      | 84.7  | 66.4  | 99.6  |
| 85      | 52.3  | 43.5  | 65.3  |
| 99      | 65.7  | 50.7  | 76.1  |

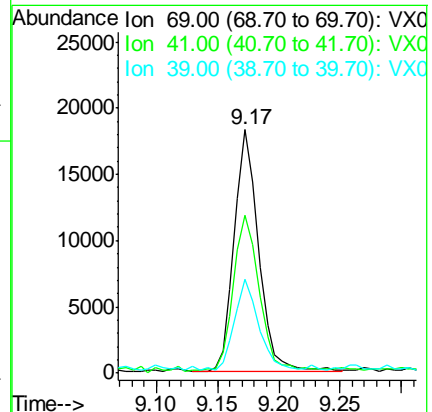
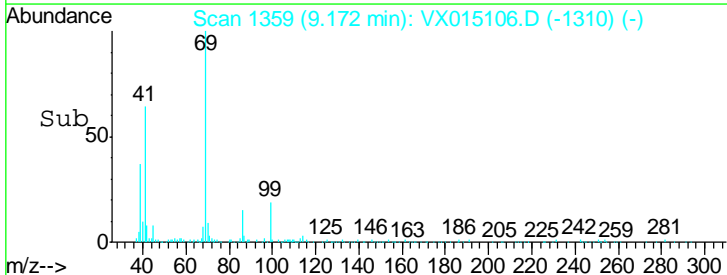
Manual Integrations  
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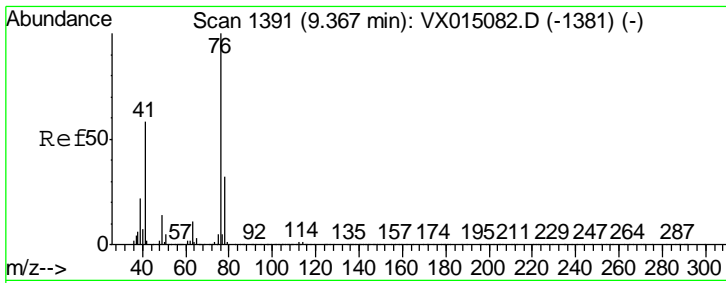
#56  
 Ethyl methacrylate  
 Concen: 5.057 ug/l  
 RT: 9.17 min Scan# 1359  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03



| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 25037 |       |       |
| 69      | 100   |       |       |
| 41      | 68.3  | 55.8  | 83.8  |
| 39      | 37.5  | 29.4  | 44.2  |





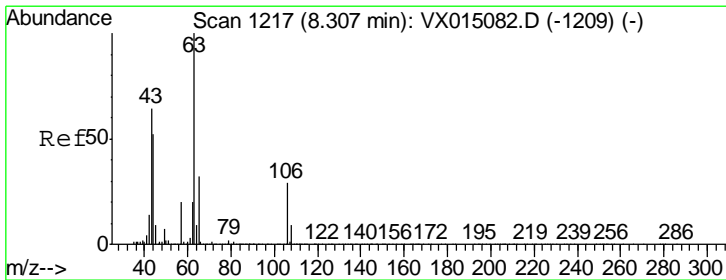
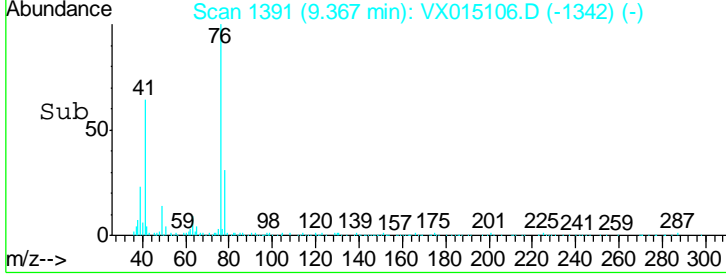
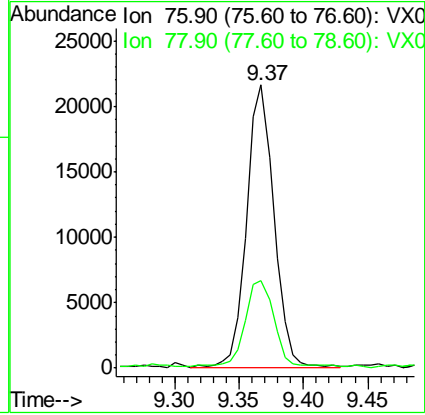
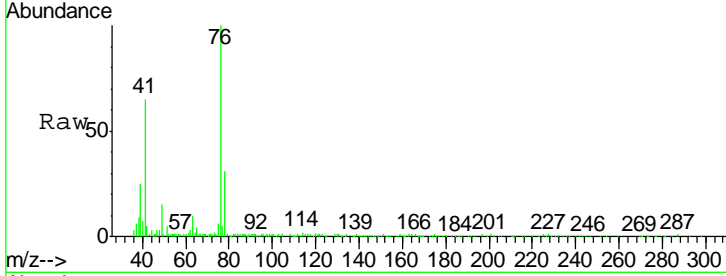


#57  
 1,3-Dichloropropane  
 Concen: 5.451 ug/l  
 RT: 9.37 min Scan# 1391  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 ClientSampled : LOQ-WATER-02-QT1-2020

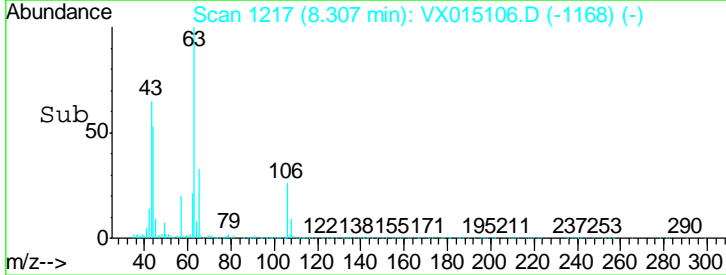
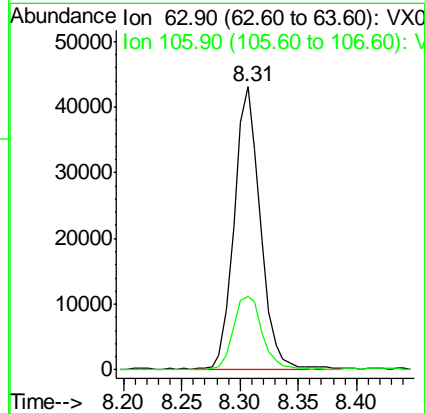
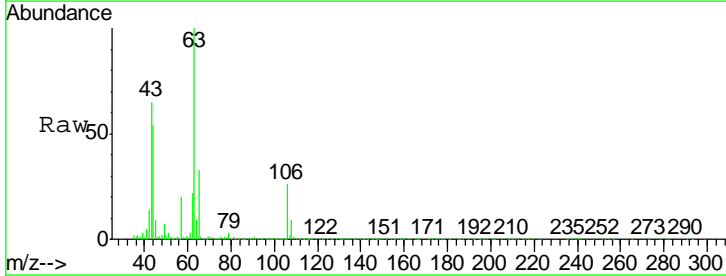
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 31830 |       |       |
| 76      | 100   |       |       |
| 78      | 32.8  | 25.6  | 38.4  |

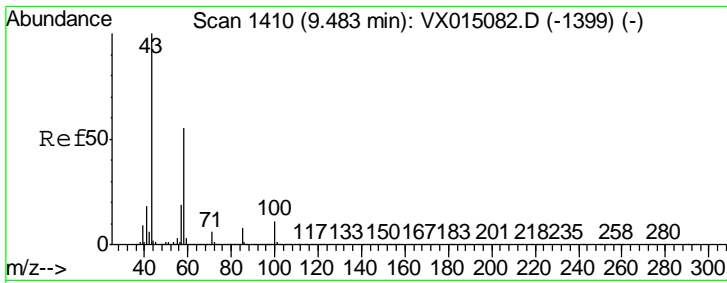
Manual Integrations  
**APPROVED**  
 MMDadoda  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 24.928 ug/l  
 RT: 8.31 min Scan# 1217  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 67238 |       |       |
| 63      | 100   |       |       |
| 106     | 28.8  | 22.8  | 34.2  |



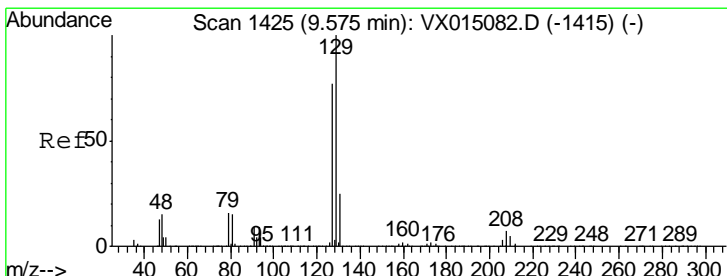
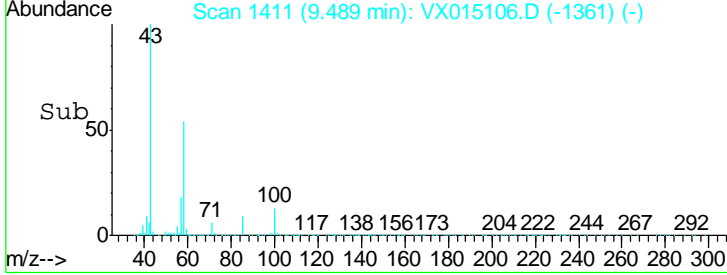
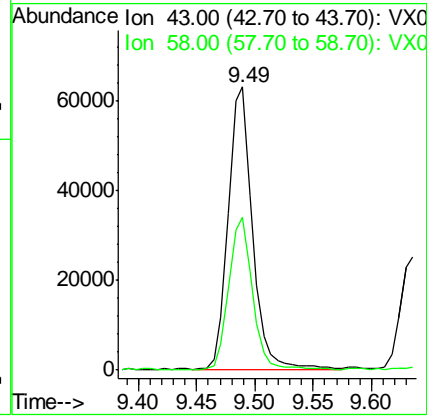
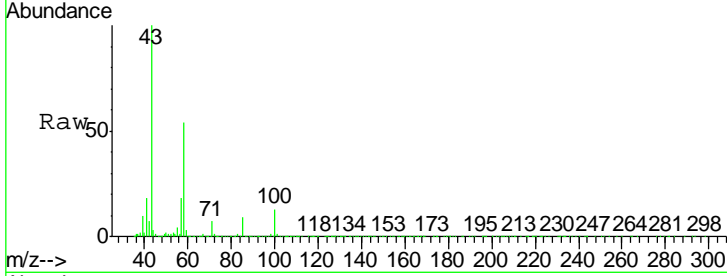


#59  
 2-Hexanone  
 Concen: 27.243 ug/l  
 RT: 9.49 min Scan# 1411  
 Delta R.T. 0.01 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 ClientSampled : LOQ-WATER-02-QT1-2020

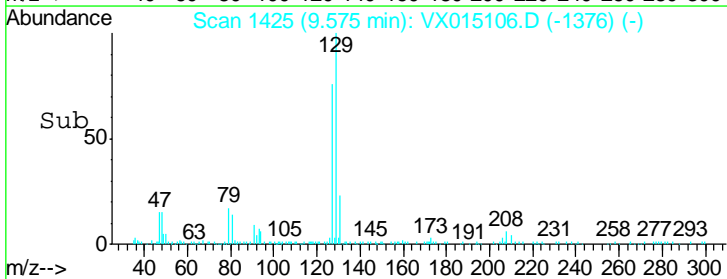
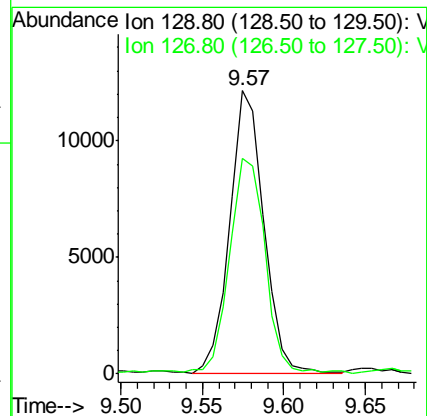
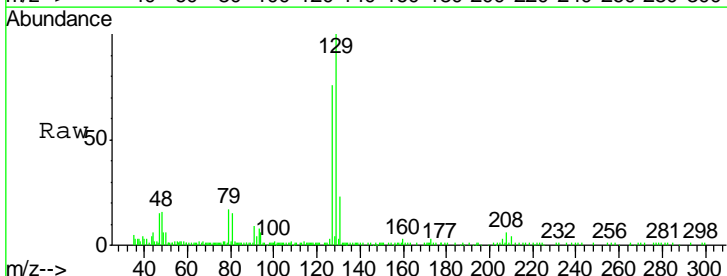
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 52.9  | 27.3  | 81.8  |

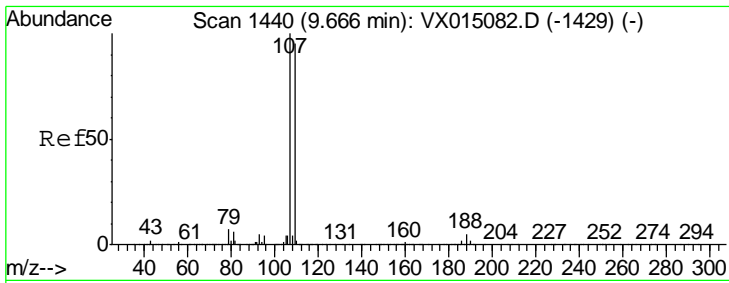
Manual Integrations  
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#60  
 Dibromochloromethane  
 Concen: 4.874 ug/l  
 RT: 9.57 min Scan# 1425  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 79.8  | 38.8  | 116.3 |





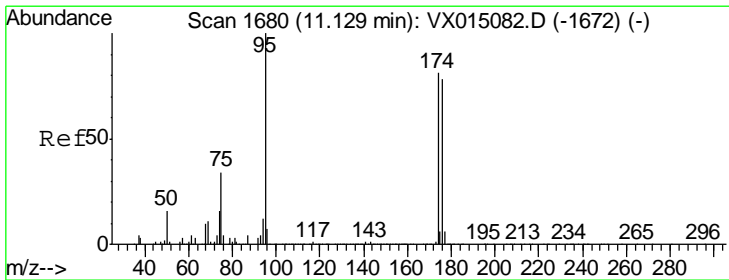
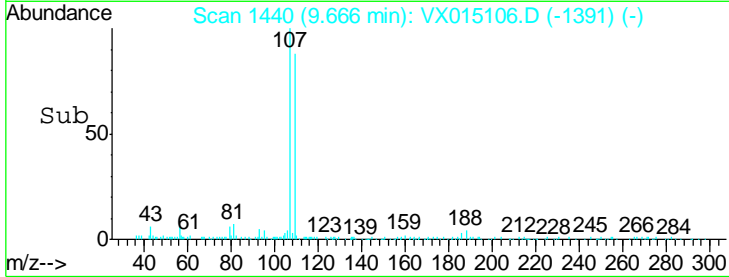
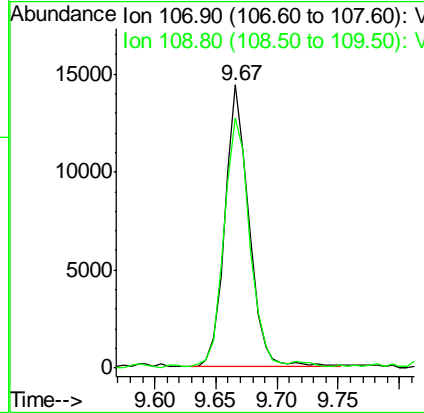
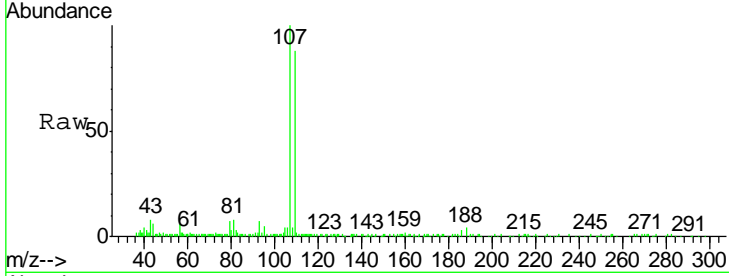
#61  
 1,2-Dibromoethane  
 Concen: 5.354 ug/l  
 RT: 9.67 min Scan# 1440  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 ClientSampled : LOQ-WATER-02-QT1-2020

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 94.2  | 75.6  | 113.4 |

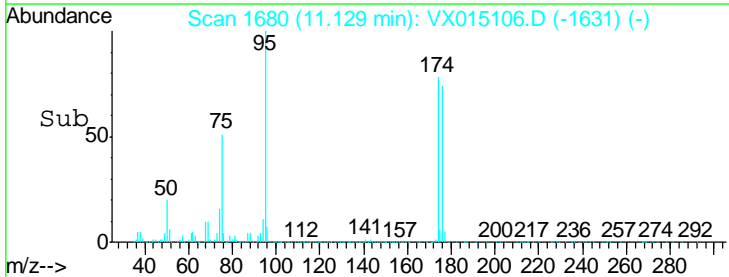
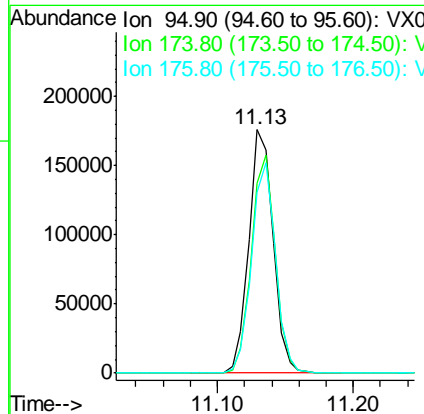
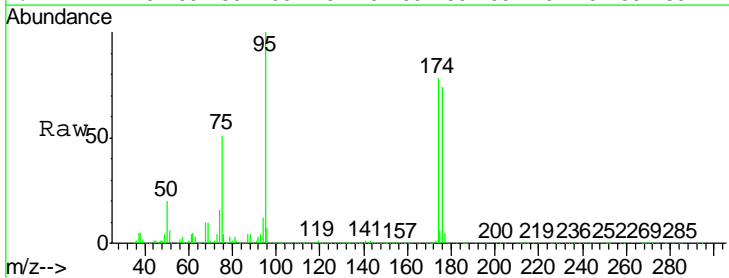
Manual Integrations  
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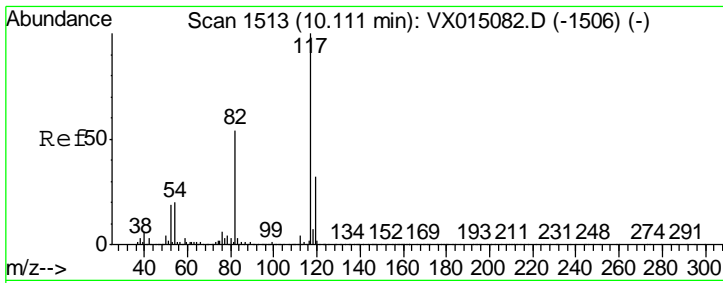
MMDadoda  
 3/12/2020 2:47:27 PM



#62  
 4-Bromofluorobenzene  
 Concen: 51.231 ug/l  
 RT: 11.13 min Scan# 1680  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 88.7  | 0.0   | 177.6 |
| 176     | 86.5  | 0.0   | 170.2 |





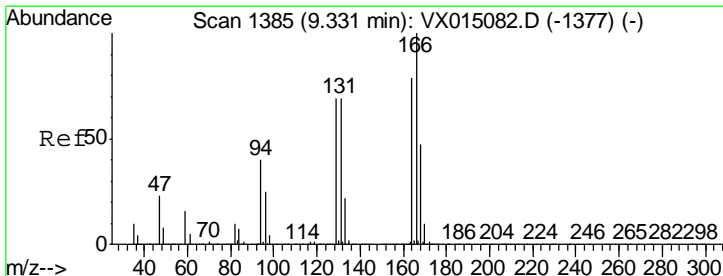
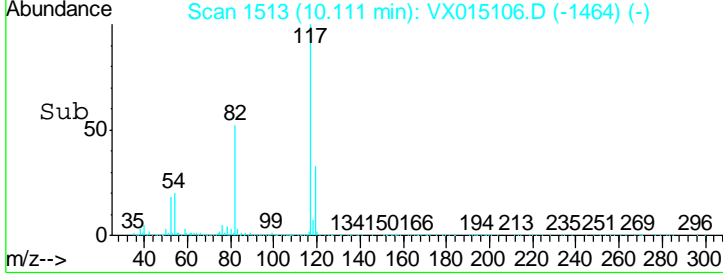
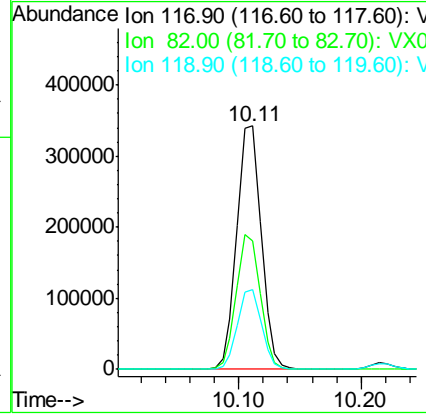
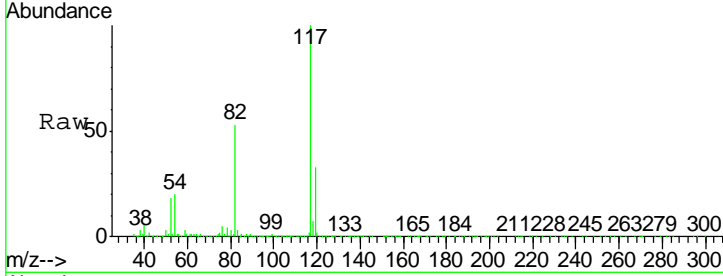
#63  
 Chlorobenzene-d5  
 Concen: 50.000 ug/l  
 RT: 10.11 min Scan# 1513  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 ClientSampled : LOQ-WATER-02-QT1-2020

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 117     | 473189 |       |       |
| 82      | 52.4   | 43.3  | 64.9  |
| 119     | 32.5   | 25.8  | 38.8  |

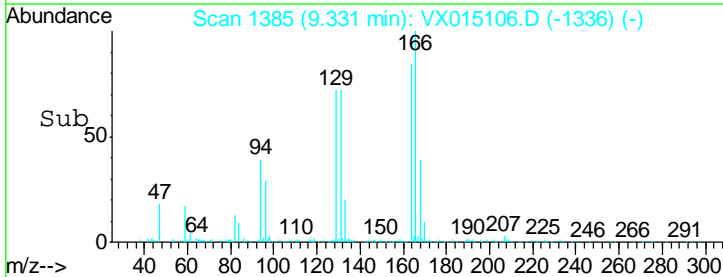
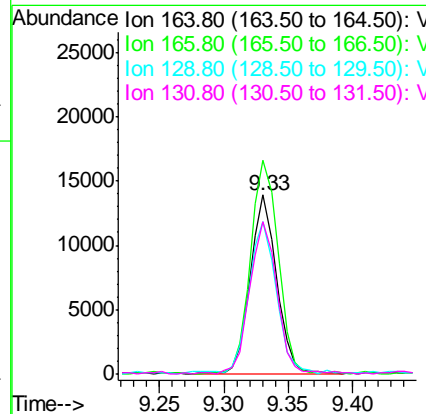
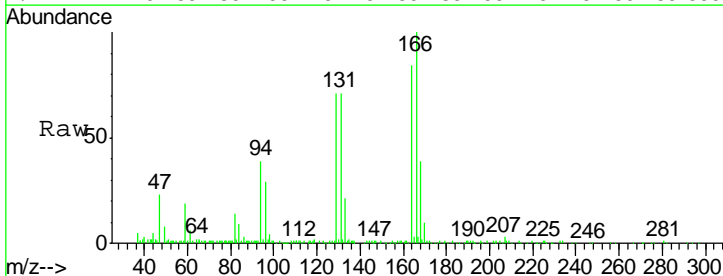
Manual Integrations  
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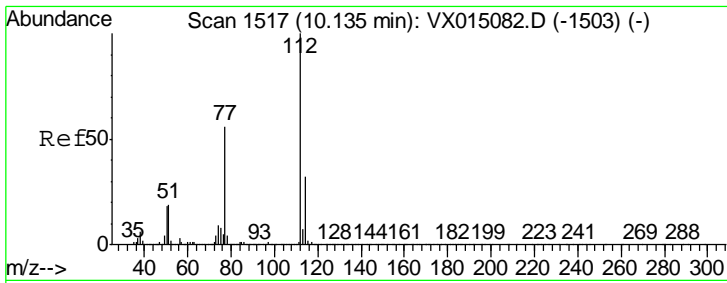
MMDadoda  
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#64  
 Tetrachloroethene  
 Concen: 5.030 ug/l  
 RT: 9.33 min Scan# 1385  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 19680 |       |       |
| 166     | 119.4 | 101.1 | 151.7 |
| 129     | 84.5  | 69.4  | 104.0 |
| 131     | 85.3  | 69.8  | 104.8 |





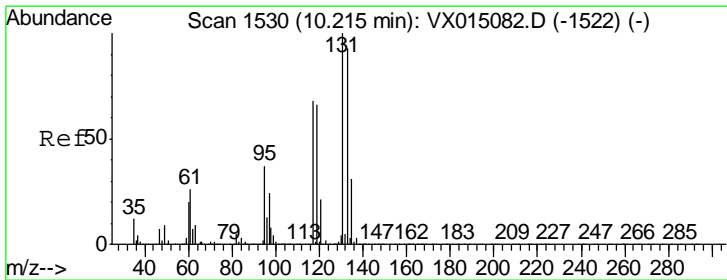
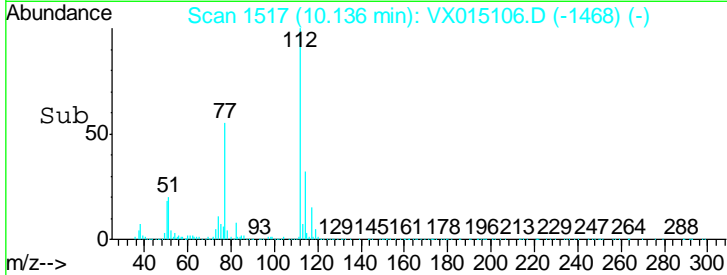
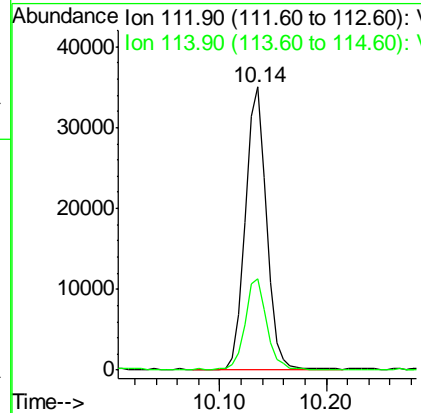
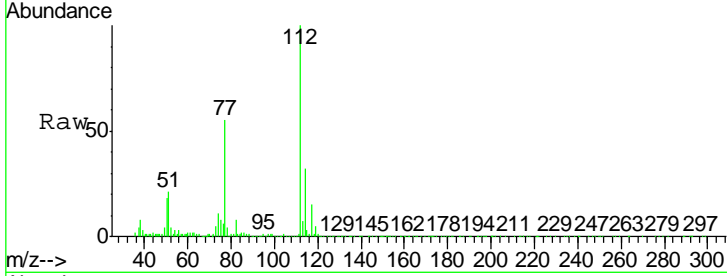
#65  
 Chlorobenzene  
 Concen: 5.218 ug/l  
 RT: 10.14 min Scan# 1517  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 Client Sampled : LOQ-WATER-02-QT1-2020

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 49570 |       |       |
| 114     | 32.2  | 25.5  | 38.3  |

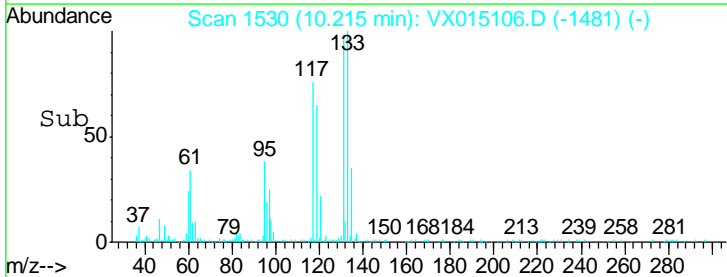
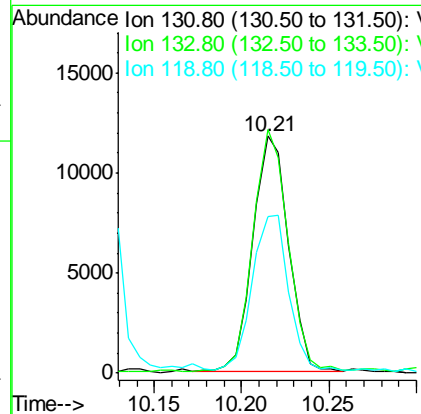
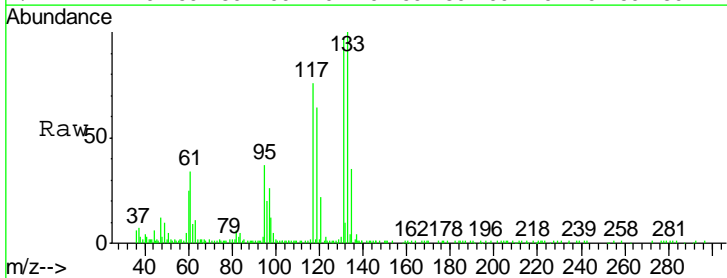
Manual Integrations  
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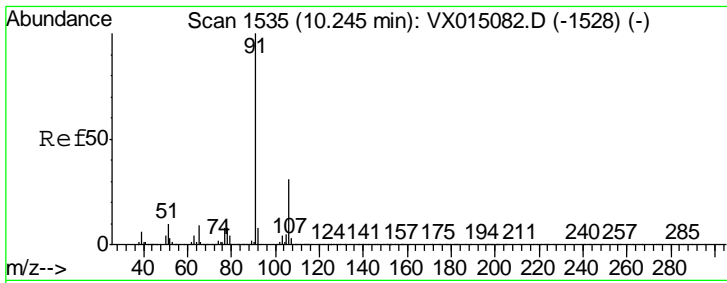
MMDadoda  
 3/12/2020 2:47:27 PM



#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 4.610 ug/l  
 RT: 10.21 min Scan# 1530  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 16515 |       |       |
| 133     | 102.5 | 47.5  | 142.5 |
| 119     | 67.1  | 33.4  | 100.1 |





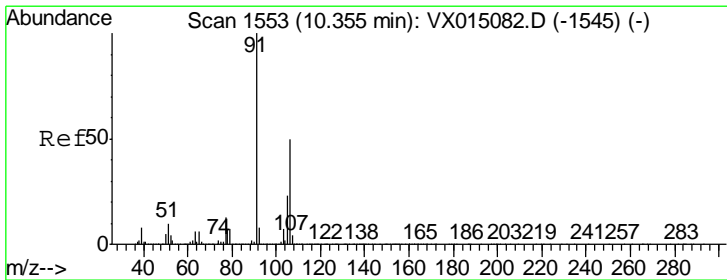
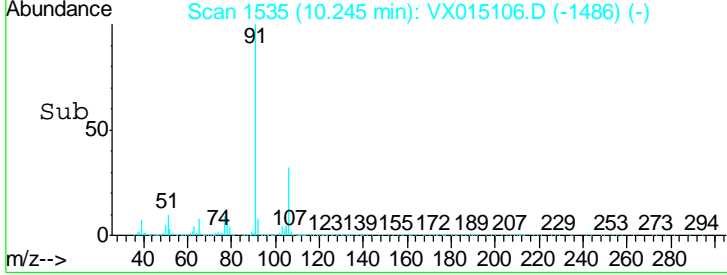
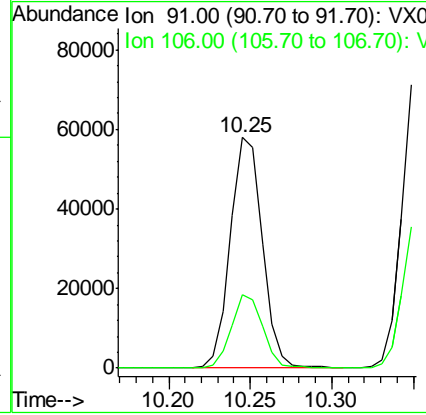
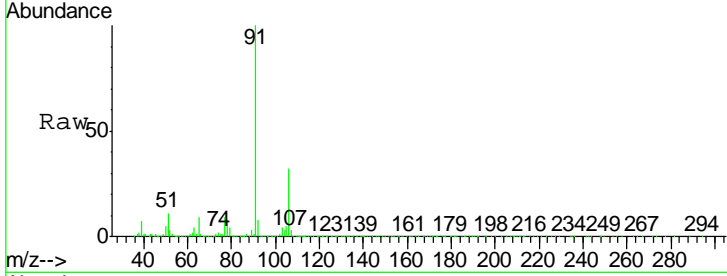
#67  
 Ethyl Benzene  
 Concen: 4.933 ug/l  
 RT: 10.25 min Scan# 1535  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 Client Sampled : LOQ-WATER-02-QT1-2020

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 91      | 100  |       |       |
| 106     | 31.7 | 24.9  | 37.3  |

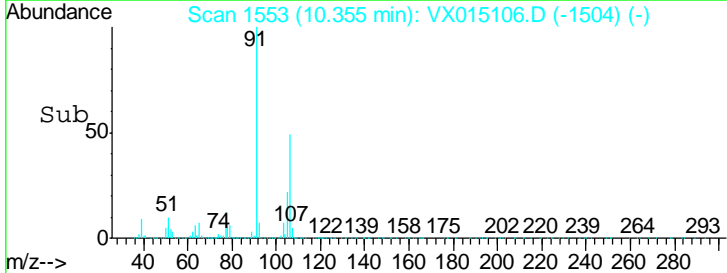
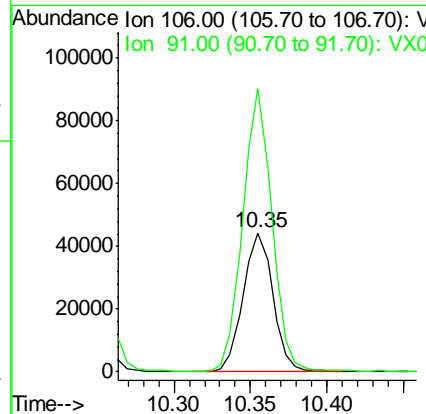
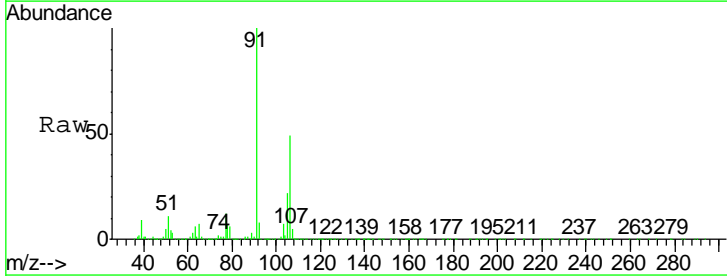
Manual Integrations  
 APPROVED

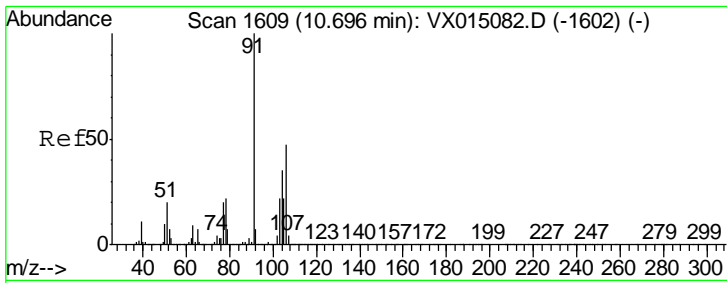
MMDadoda  
 3/12/2020 2:47:27 PM



#68  
 m/p-Xylenes  
 Concen: 9.762 ug/l  
 RT: 10.35 min Scan# 1553  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 199.2 | 159.4 | 239.2 |





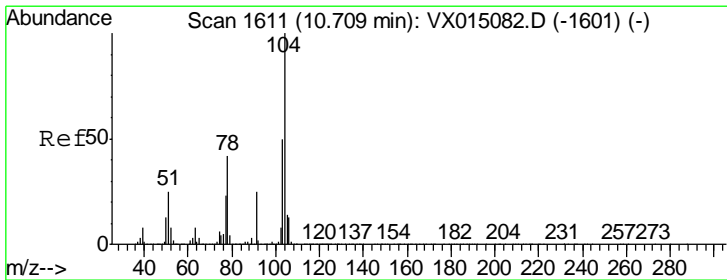
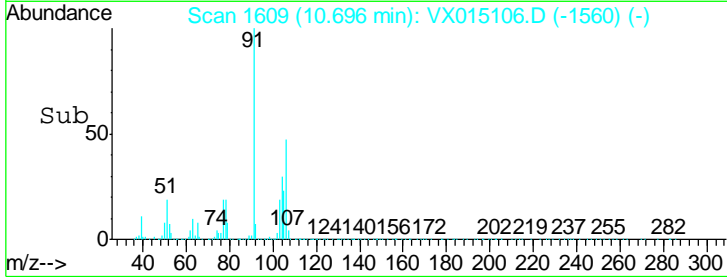
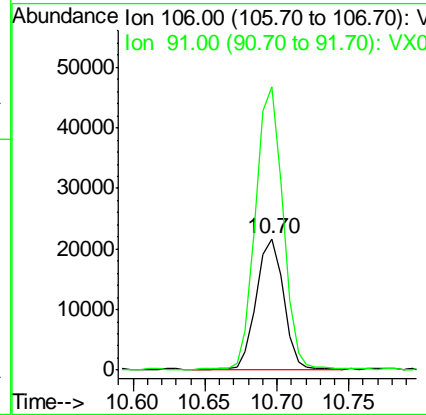
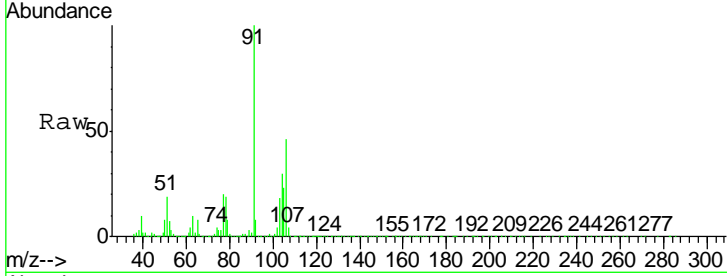
#69  
 o-Xylene  
 Concen: 4.845 ug/l  
 RT: 10.70 min Scan# 1609  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 LOQ-WATER-02-QT1-2020

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 28470 |       |       |
| 106     | 100   |       |       |
| 91      | 215.3 | 105.4 | 316.1 |

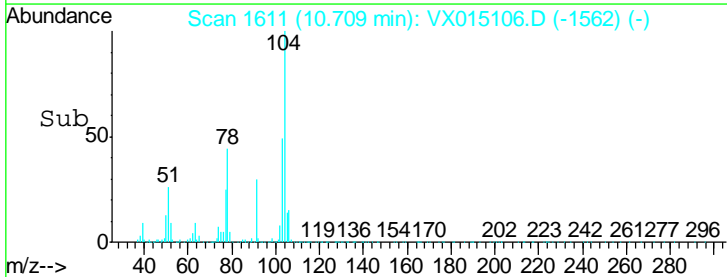
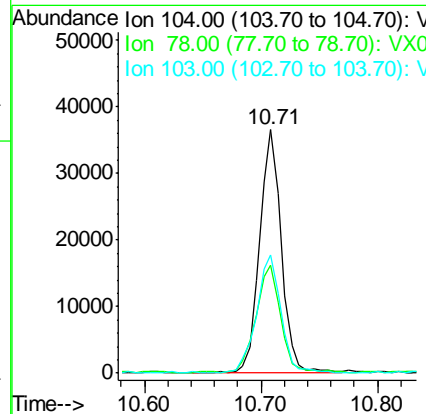
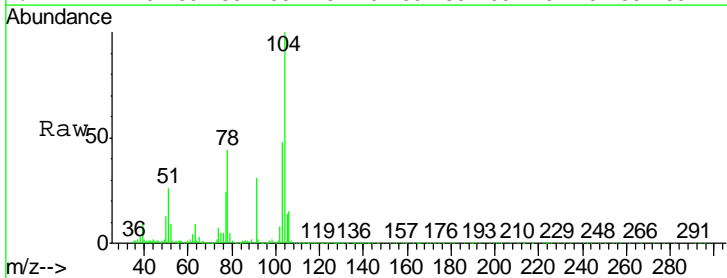
Manual Integrations  
 APPROVED

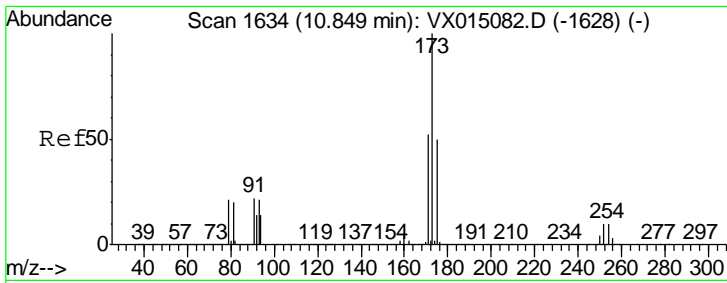
MMDadoda  
 3/12/2020 2:47:27 PM



#70  
 Styrene  
 Concen: 4.698 ug/l  
 RT: 10.71 min Scan# 1611  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 47339 |       |       |
| 104     | 100   |       |       |
| 78      | 50.0  | 39.0  | 58.4  |
| 103     | 54.7  | 43.7  | 65.5  |





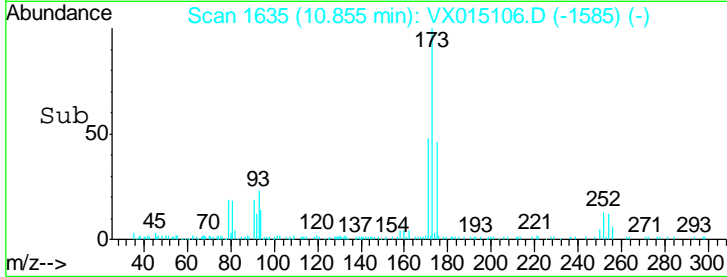
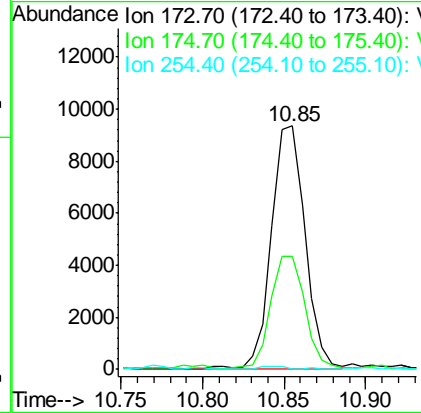
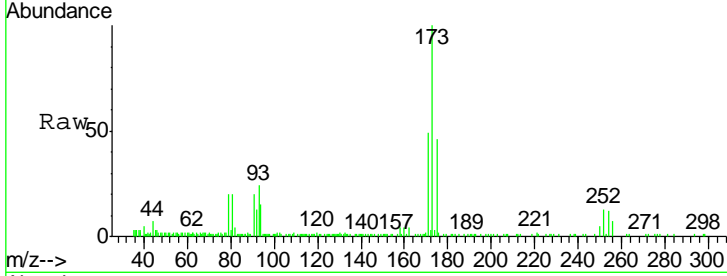
#71  
 Bromoform  
 Concen: 4.868 ug/l  
 RT: 10.85 min Scan# 1635  
 Delta R.T. 0.01 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

**Instrument :**  
 MSVOA\_X  
**ClientSampled :**  
 LOQ-WATER-02-QT1-2020

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 13522 |       |       |
| 173     | 100   |       |       |
| 175     | 47.6  | 24.9  | 74.7  |
| 254     | 0.9   | 0.2   | 0.2#  |

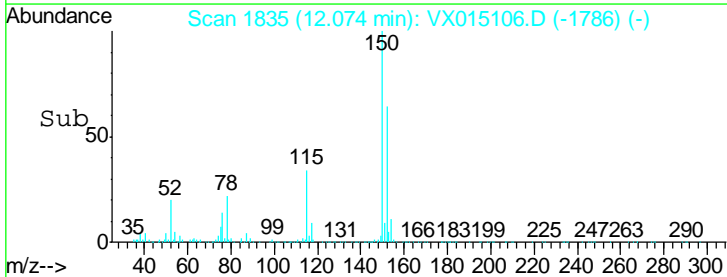
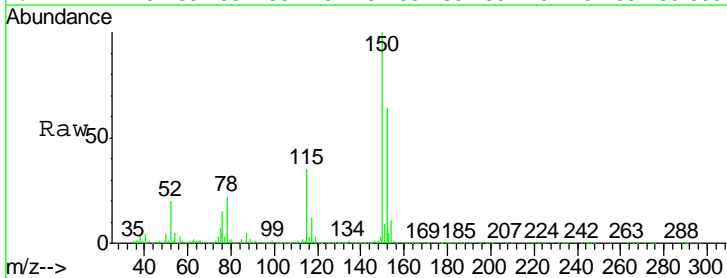
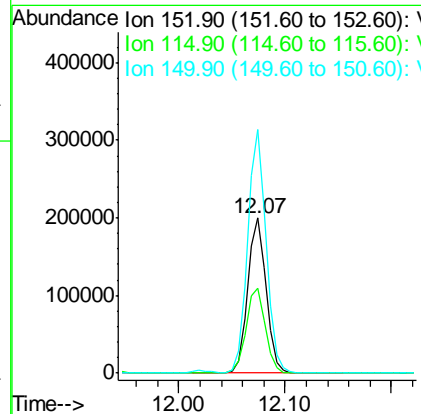
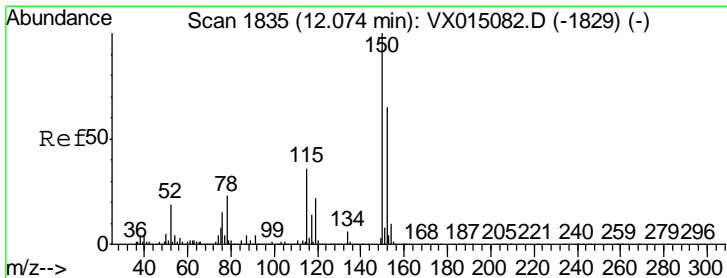
**Manual Integrations**  
**APPROVED**

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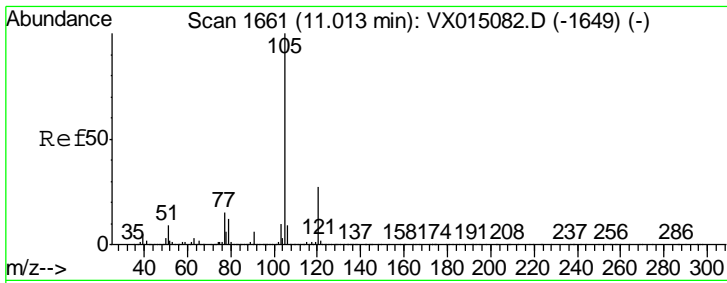


#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.07 min Scan# 1835  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp   | Lower | Upper |
|---------|--------|-------|-------|
| 152     | 242629 |       |       |
| 152     | 100    |       |       |
| 115     | 56.9   | 38.2  | 114.6 |
| 150     | 156.9  | 0.0   | 343.8 |





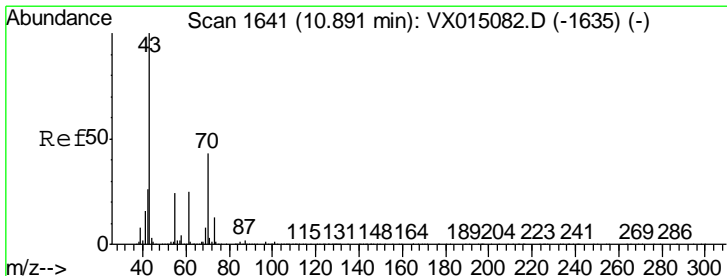
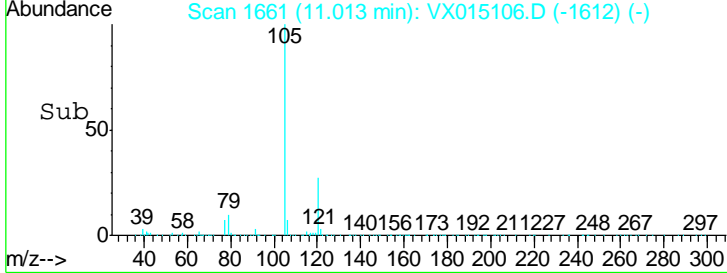
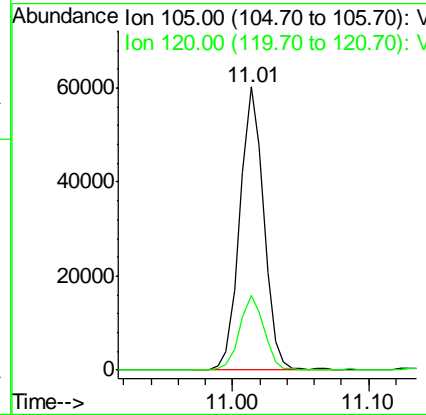
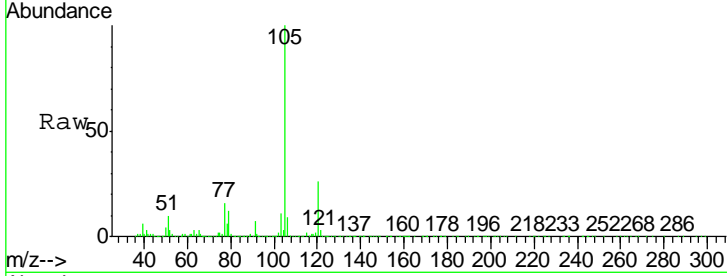


#73  
 Isopropylbenzene  
 Concen: 4.745 ug/l  
 RT: 11.01 min Scan# 1661  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 Client Sampled : LOQ-WATER-02-QT1-2020

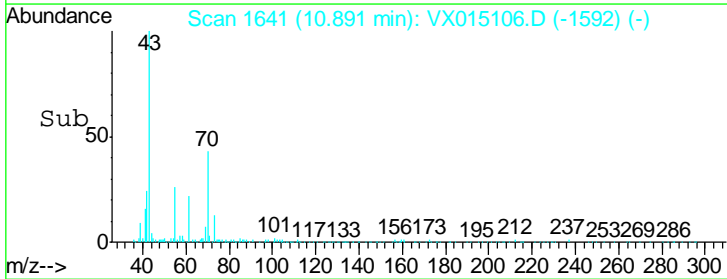
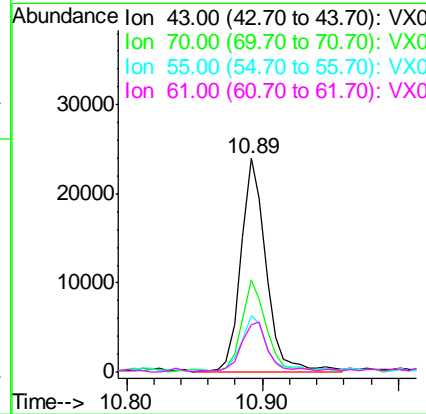
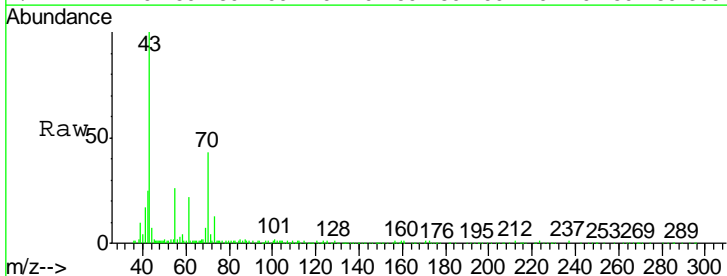
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 73551 |       |       |
| 120     | 27.2  | 13.5  | 40.5  |

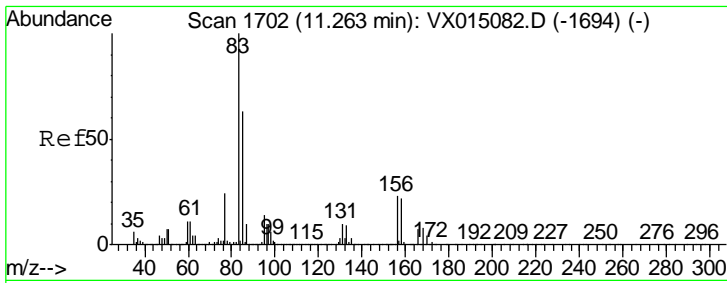
Manual Integrations  
**APPROVED**  
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 3/12/2020 2:47:27 PM



#74  
 N-aryl acetate  
 Concen: 4.764 ug/l  
 RT: 10.89 min Scan# 1641  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 31117 |       |       |
| 70      | 42.3  | 34.7  | 52.1  |
| 55      | 25.6  | 19.4  | 29.0  |
| 61      | 25.7  | 19.0  | 28.6  |





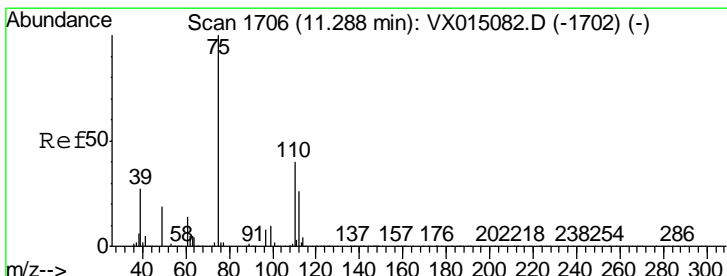
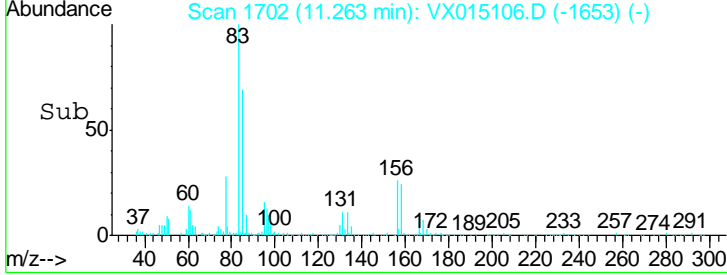
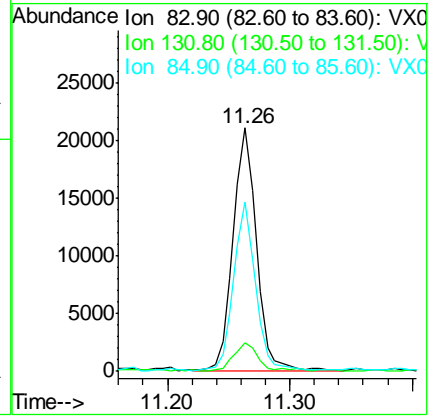
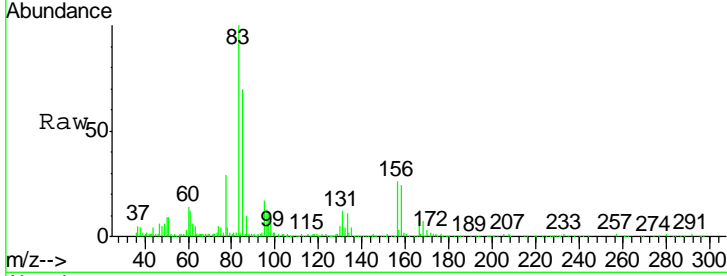
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 5.323 ug/l  
 RT: 11.26 min Scan# 1702  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 Client Sampled : LOQ-WATER-02-QT1-2020

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 27495 |       |       |
| 131     | 12.0  | 5.0   | 14.9  |
| 85      | 65.0  | 31.9  | 95.9  |

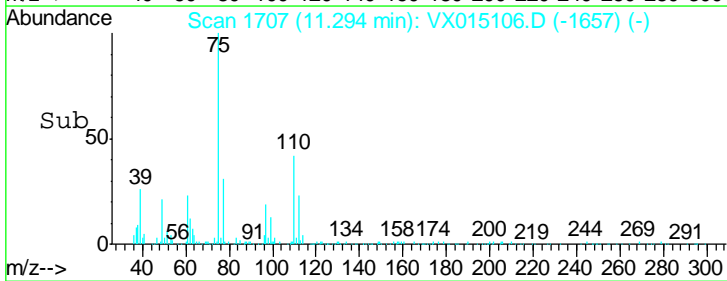
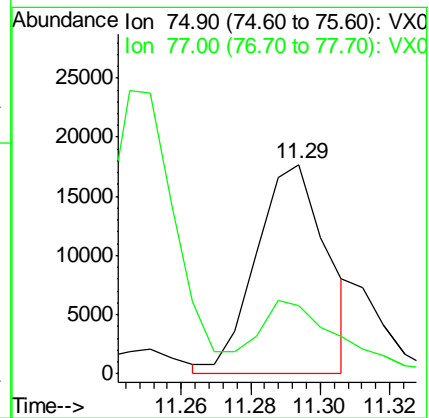
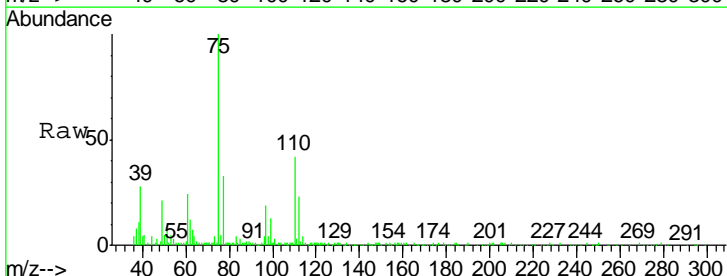
Manual Integrations  
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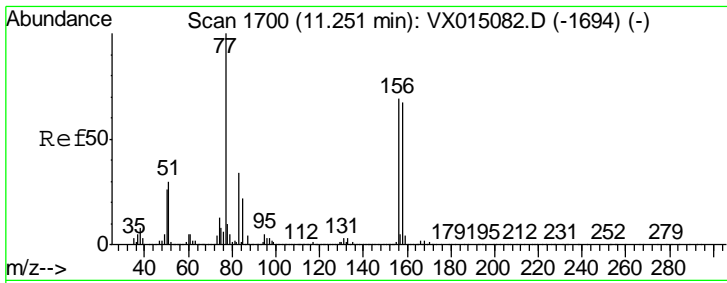
MMDadoda  
 3/12/2020 2:47:27 PM



#76  
 1,2,3-Trichloropropane  
 Concen: 5.175 ug/l m  
 RT: 11.29 min Scan# 1707  
 Delta R.T. 0.01 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

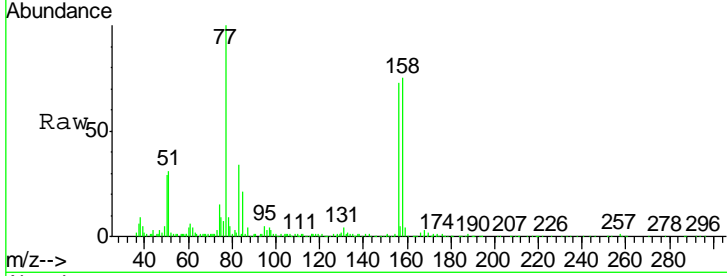
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 25045 |       |       |
| 77      | 37.7  | 22.6  | 67.8  |





#77  
 Bromobenzene  
 Concen: 5.180 ug/l  
 RT: 11.25 min Scan# 1700  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

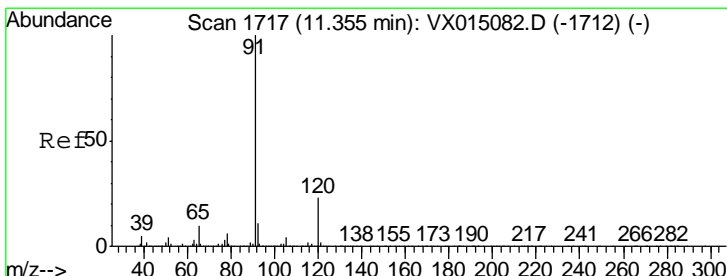
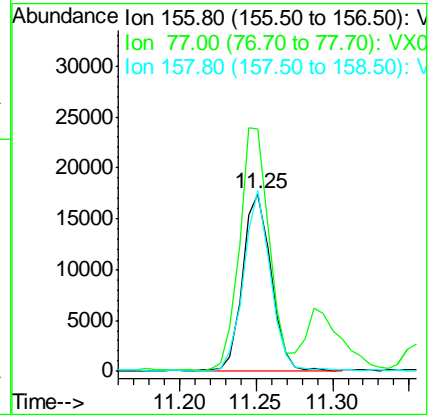
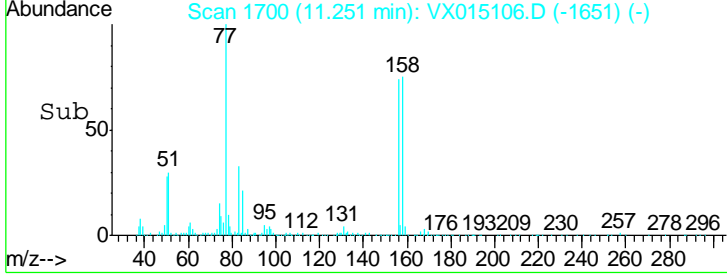
Instrument : MSVOA\_X  
 Client Sampled : LOQ-WATER-02-QT1-2020



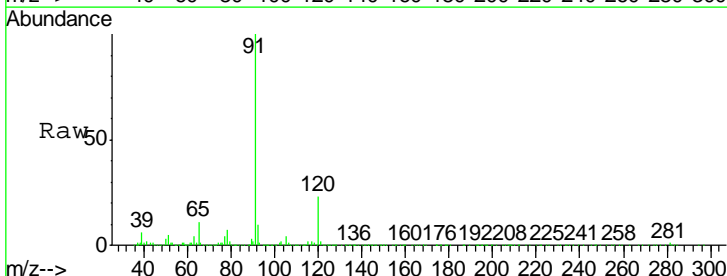
Tgt Ion: 156 Resp: 22376

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 156 | 100   |       |       |
| 77  | 144.6 | 75.3  | 225.9 |
| 158 | 95.3  | 48.5  | 145.6 |

Manual Integrations  
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 3/12/2020 2:47:27 PM

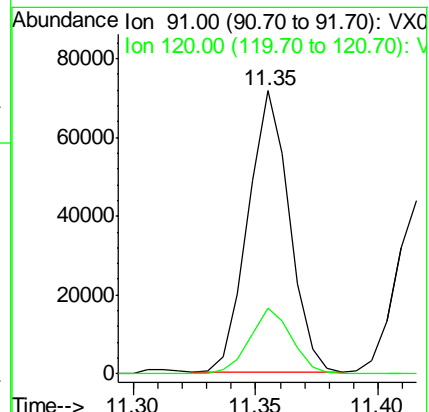
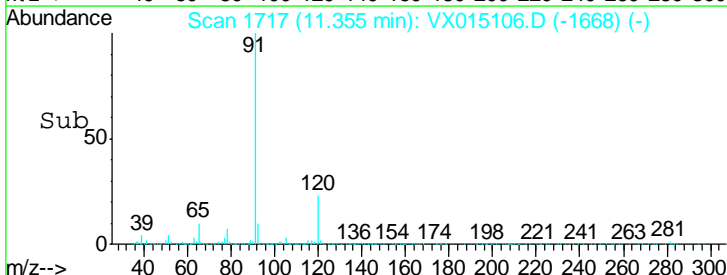


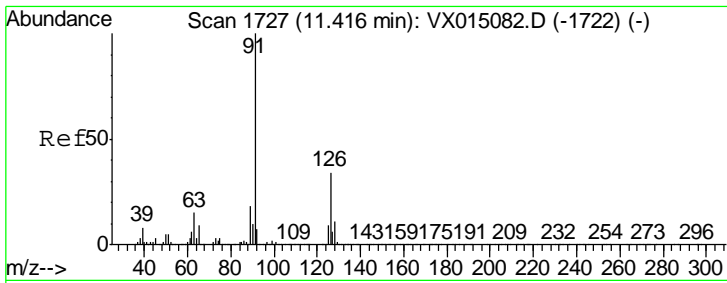
#78  
 n-propylbenzene  
 Concen: 4.768 ug/l  
 RT: 11.35 min Scan# 1717  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03



Tgt Ion: 91 Resp: 84434

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 91  | 100   |       |       |
| 120 | 23.2  | 11.7  | 35.1  |



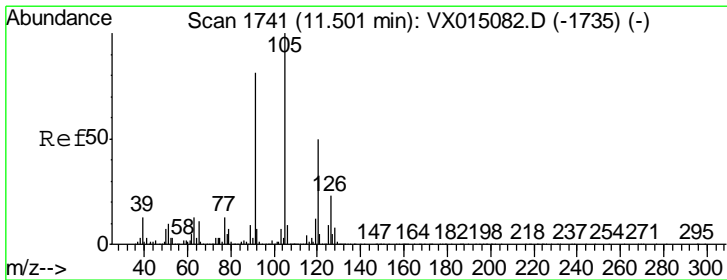
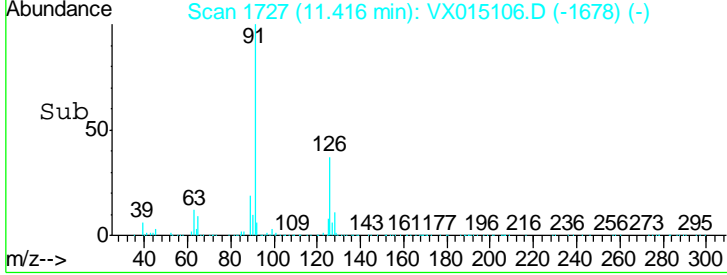
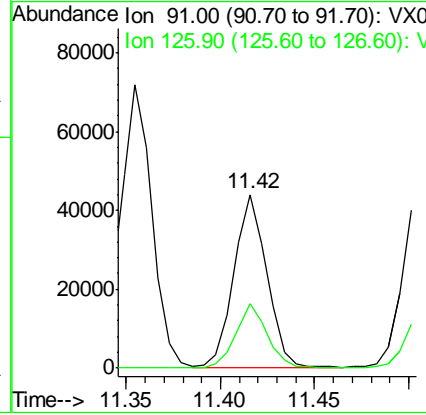
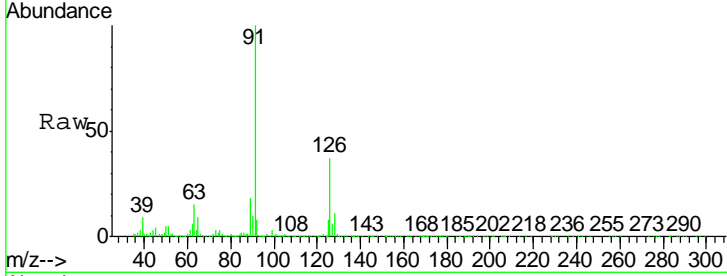


#79  
 2-Chlorotoluene  
 Concen: 4.976 ug/l  
 RT: 11.42 min Scan# 1727  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 Client Sampled : LOQ-WATER-02-QT1-2020

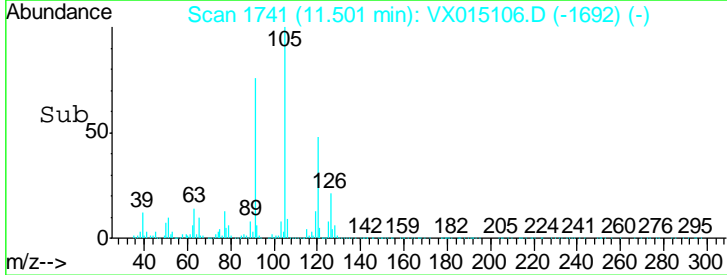
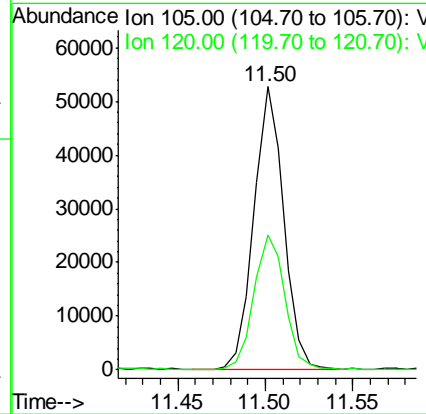
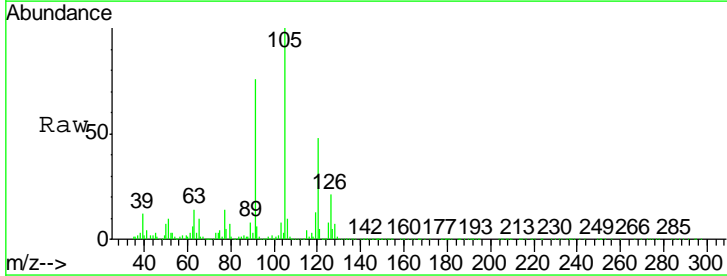
| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 91      | 100  |       |       |
| 126     | 35.6 | 17.3  | 52.0  |

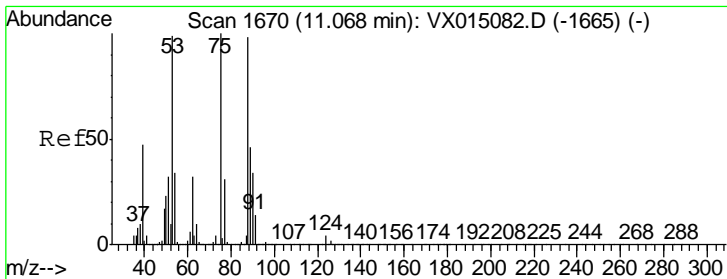
Manual Integrations  
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 3/12/2020 2:47:27 PM



#80  
 1,3,5-Trimethylbenzene  
 Concen: 4.832 ug/l  
 RT: 11.50 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 105     | 100  |       |       |
| 120     | 50.5 | 25.1  | 75.4  |





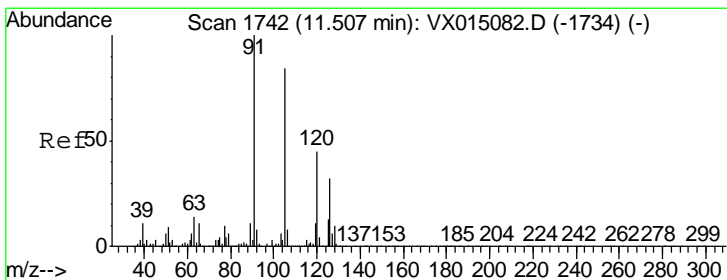
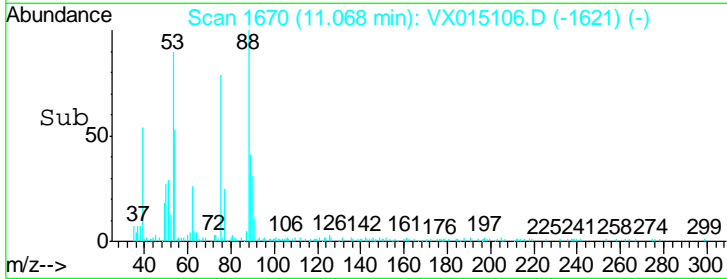
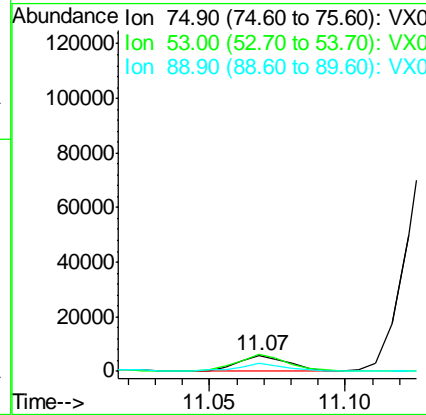
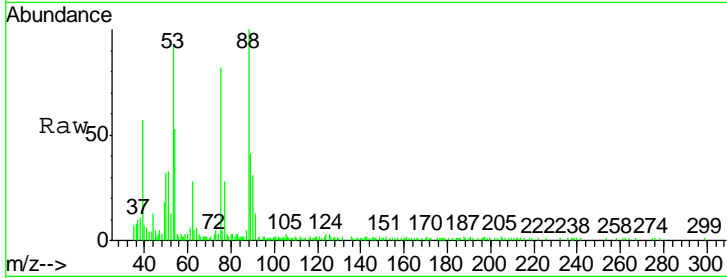
#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 3.910 ug/l  
 RT: 11.07 min Scan# 1670  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 Client Sampled : LOQ-WATER-02-QT1-2020

| Tgt Ion | Resp  | Lower | Upper  |
|---------|-------|-------|--------|
| 75      | 6667  |       |        |
| 75      | 100   |       |        |
| 53      | 130.6 | 77.9  | 116.9# |
| 89      | 47.9  | 36.2  | 54.2   |

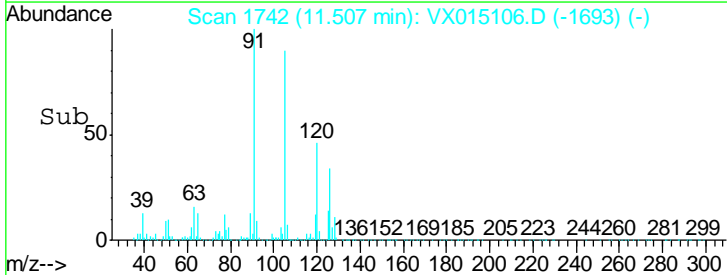
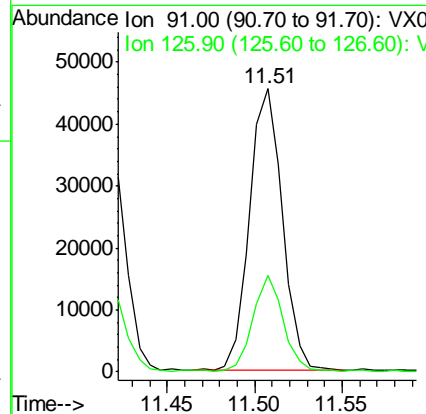
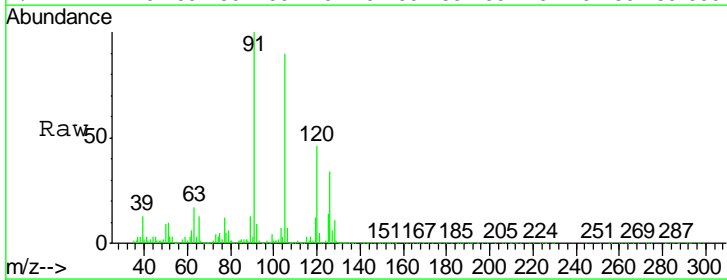
Manual Integrations  
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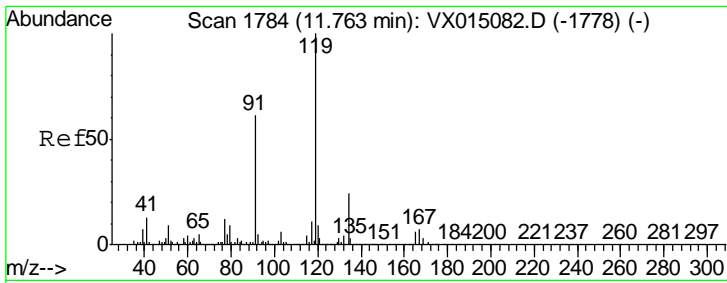
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#82  
 4-Chlorotoluene  
 Concen: 4.754 ug/l  
 RT: 11.51 min Scan# 1742  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion                               | Resp  | Lower | Upper |
|---------------------------------------|-------|-------|-------|
| 91 <td>59391</td> <td></td> <td></td> | 59391 |       |       |
| 91 <td>100</td> <td></td> <td></td>   | 100   |       |       |
| 126                                   | 31.3  | 15.4  | 46.2  |





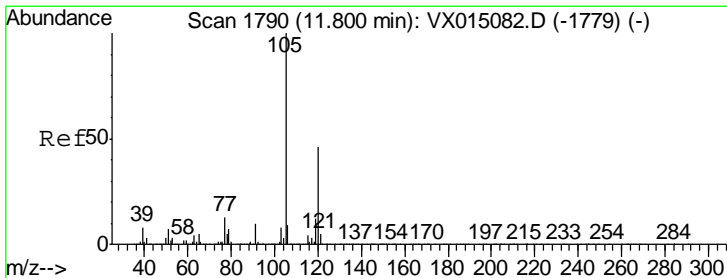
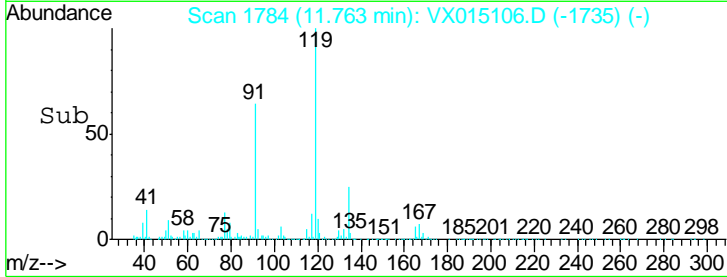
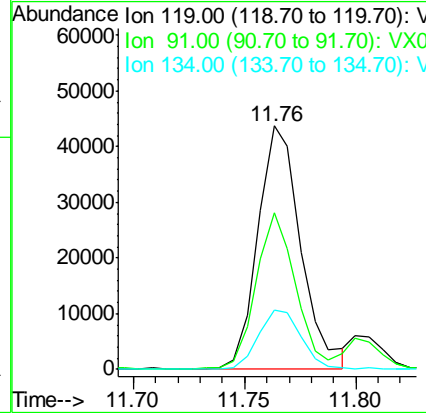
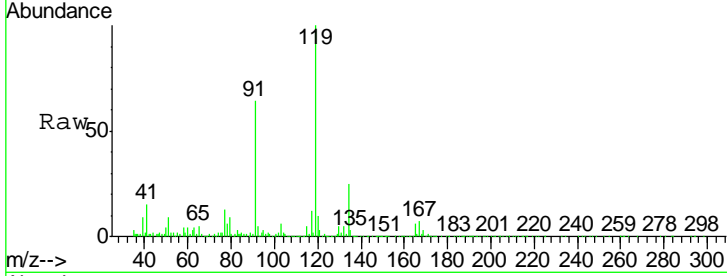
#83  
 tert-Butylbenzene  
 Concen: 4.700 ug/l  
 RT: 11.76 min Scan# 1784  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 ClientSampled : LOQ-WATER-02-QT1-2020

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 58635 |       |       |
| 91      | 58.9  | 28.5  | 85.6  |
| 134     | 24.9  | 11.9  | 35.7  |

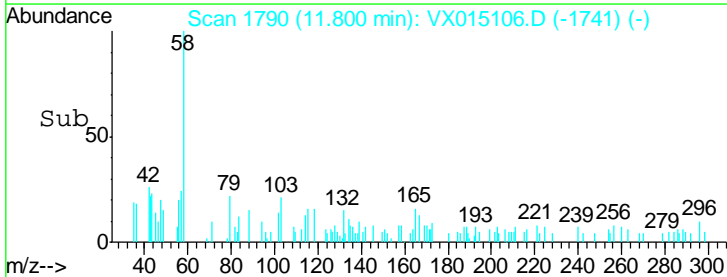
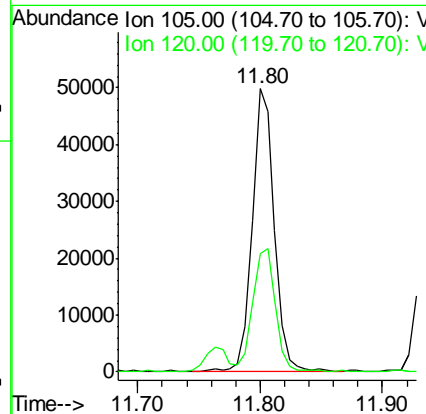
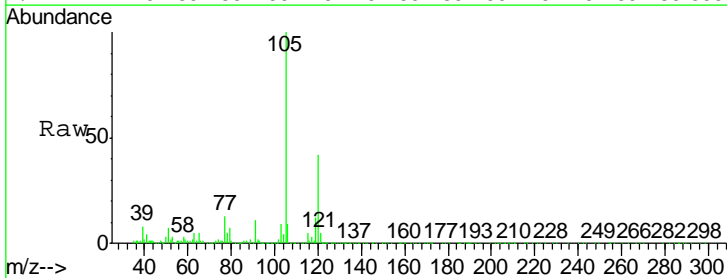
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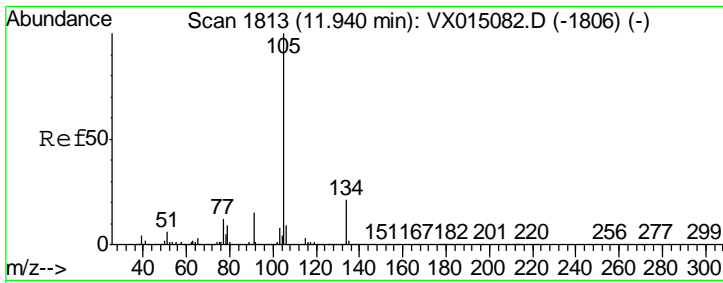
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 4.781 ug/l  
 RT: 11.80 min Scan# 1790  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 61973 |       |       |
| 120     | 44.8  | 22.9  | 68.5  |



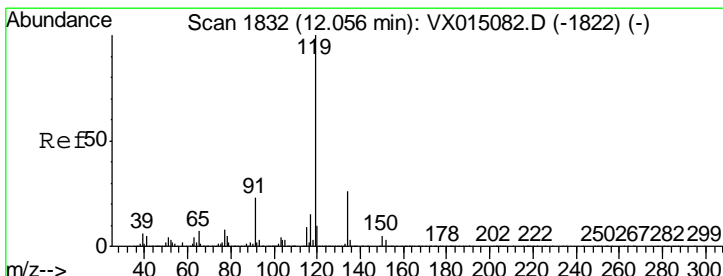
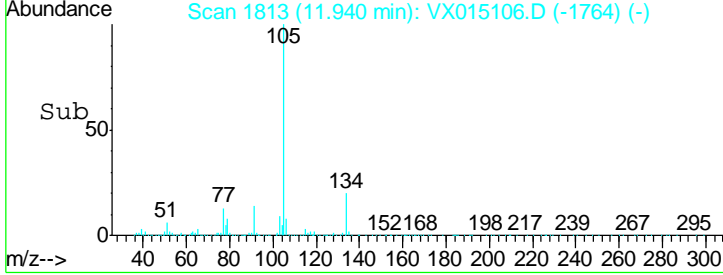
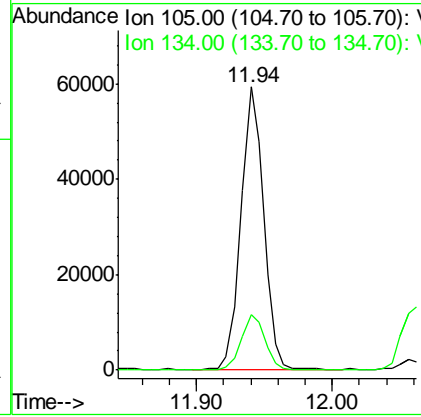
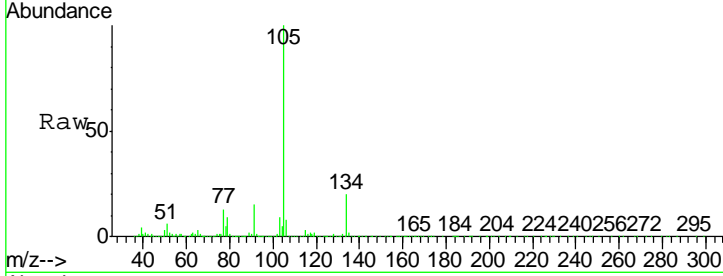


#85  
 sec-Butylbenzene  
 Concen: 4.584 ug/l  
 RT: 11.94 min Scan# 1813  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 ClientSampled : LOQ-WATER-02-QT1-2020

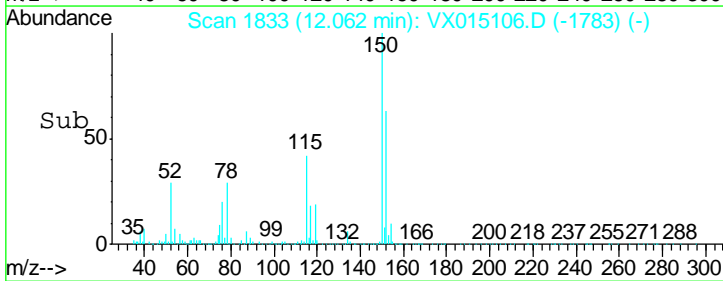
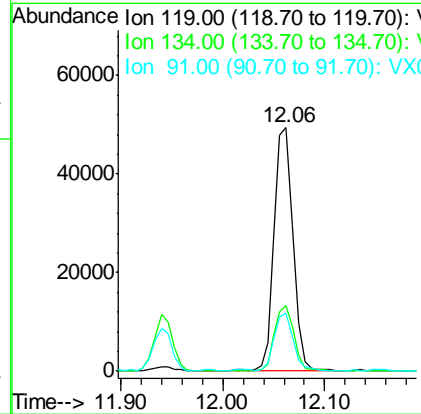
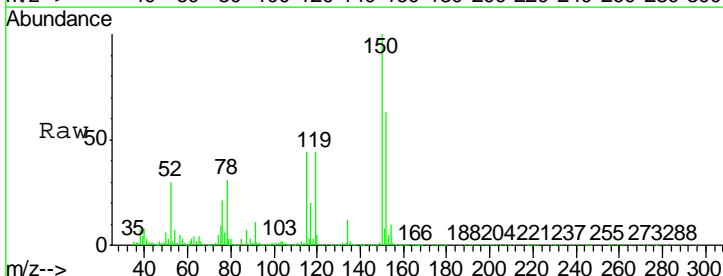
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 69044 |       |       |
| 134     | 20.6  | 10.4  | 31.2  |

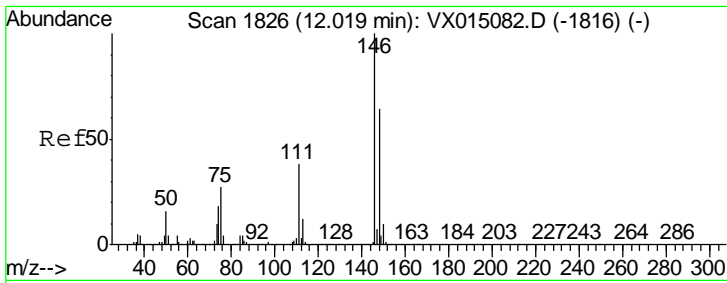
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#86  
 p-Isopropyltoluene  
 Concen: 4.542 ug/l  
 RT: 12.06 min Scan# 1833  
 Delta R.T. 0.01 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 63023 |       |       |
| 134     | 28.1  | 13.4  | 40.1  |
| 91      | 23.9  | 11.3  | 33.8  |





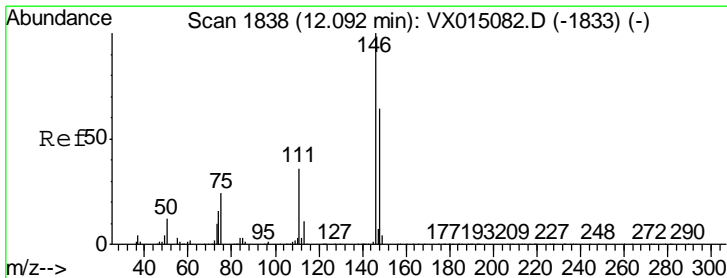
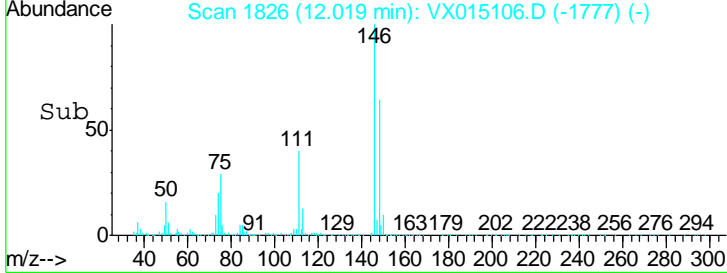
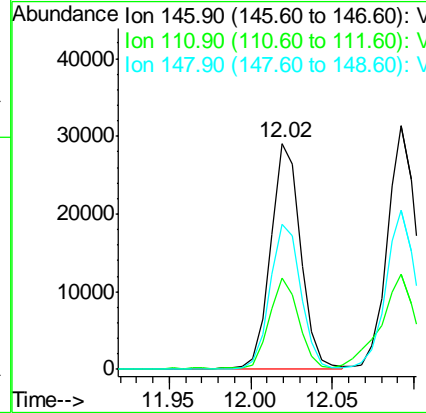
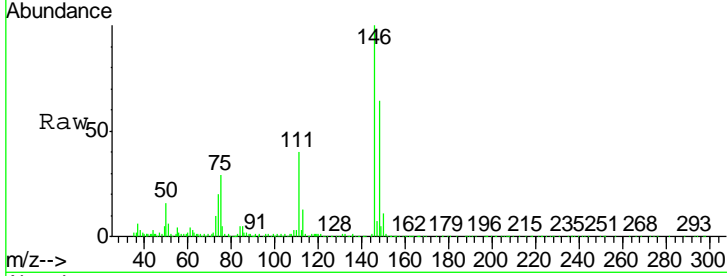
#87  
 1,3-Dichlorobenzene  
 Concen: 4.891 ug/l  
 RT: 12.02 min Scan# 1826  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 ClientSampled : LOQ-WATER-02-QT1-2020

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.9  | 19.1  | 57.1  |
| 148     | 66.7  | 31.9  | 95.5  |

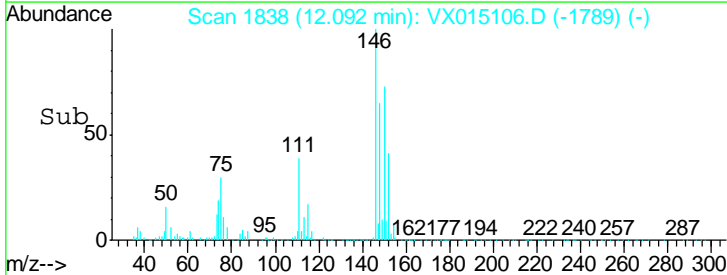
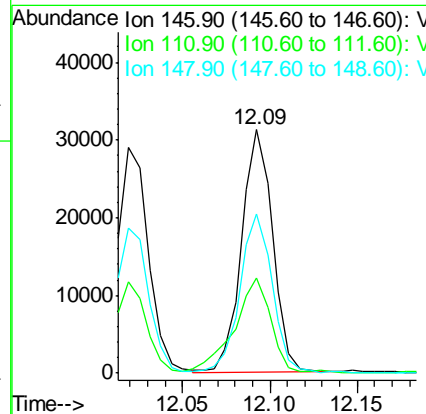
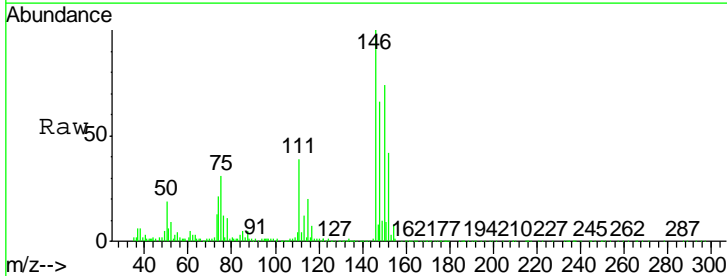
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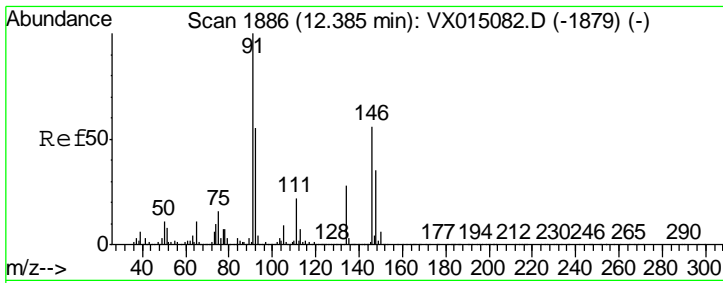


#88  
 1,4-Dichlorobenzene  
 Concen: 4.888 ug/l  
 RT: 12.09 min Scan# 1838  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 46.8  | 18.7  | 56.1  |
| 148     | 69.7  | 32.5  | 97.4  |







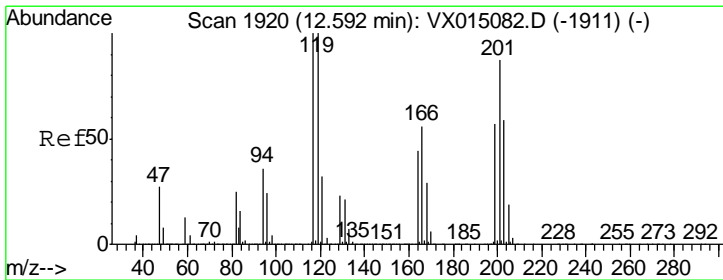
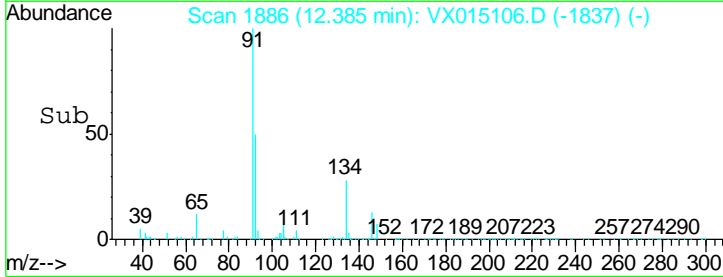
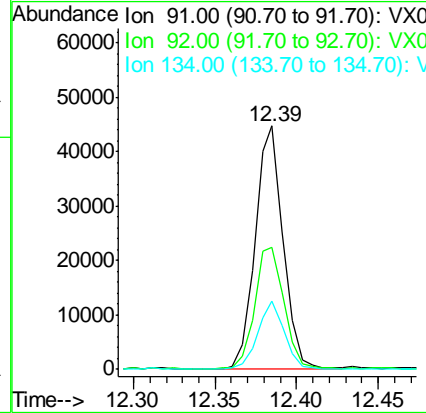
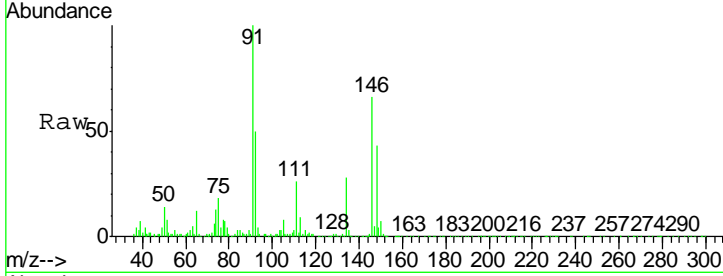
#89  
 n-Butylbenzene  
 Concen: 4.341 ug/l  
 RT: 12.39 min Scan# 1886  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 Client Sampled : LOQ-WATER-02-QT1-2020

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 91      | 100  |       |       |
| 92      | 52.4 | 27.2  | 81.6  |
| 134     | 26.9 | 13.5  | 40.5  |

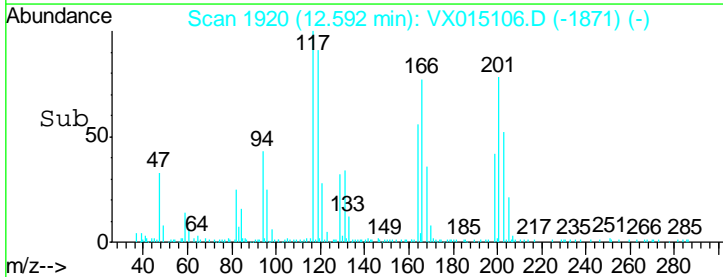
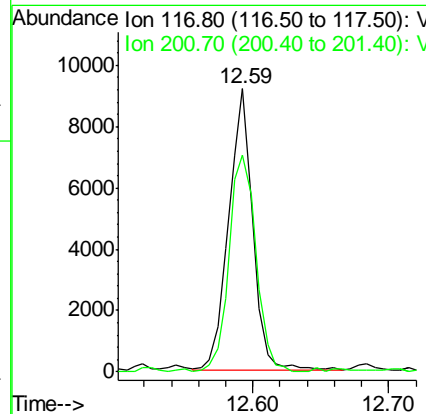
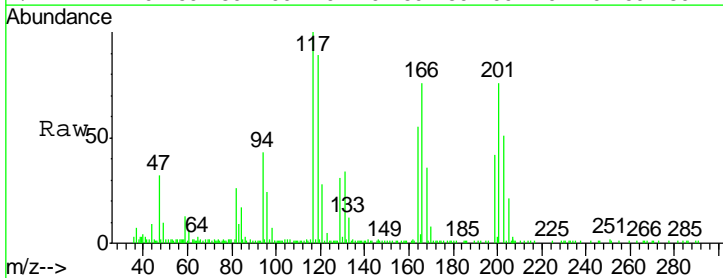
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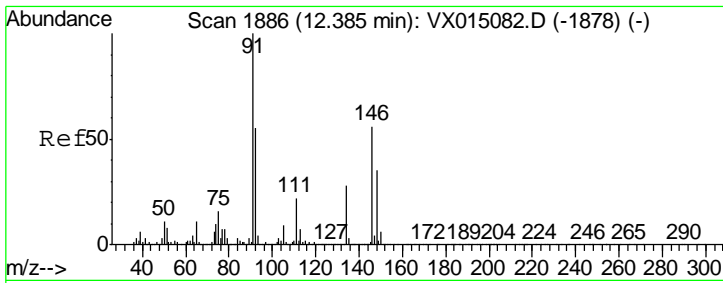
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#90  
 Hexachloroethane  
 Concen: 4.320 ug/l  
 RT: 12.59 min Scan# 1920  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 117     | 100  |       |       |
| 201     | 85.8 | 43.5  | 130.7 |





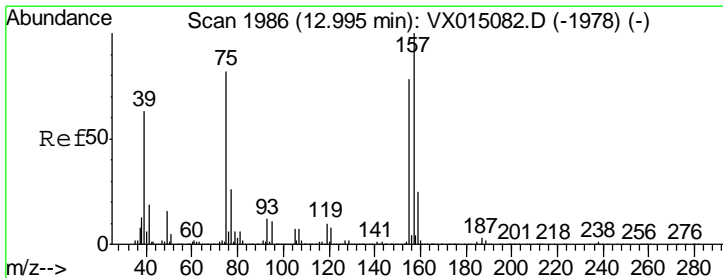
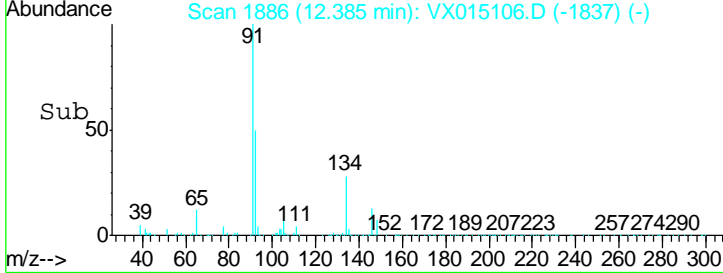
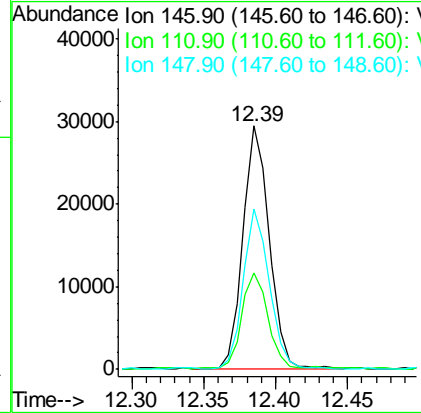
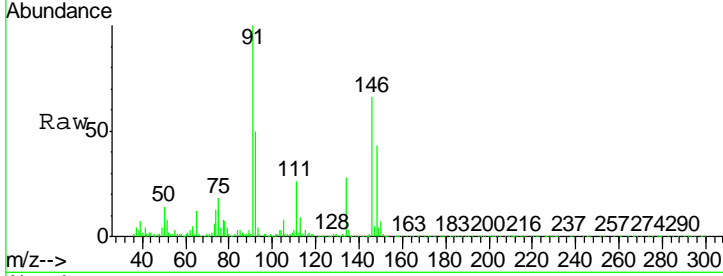
#91  
 1,2-Dichlorobenzene  
 Concen: 5.002 ug/l  
 RT: 12.39 min Scan# 1886  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 ClientSampled : LOQ-WATER-02-QT1-2020

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 37762 |       |       |
| 146     | 100   |       |       |
| 111     | 39.0  | 19.9  | 59.7  |
| 148     | 64.4  | 32.3  | 96.8  |

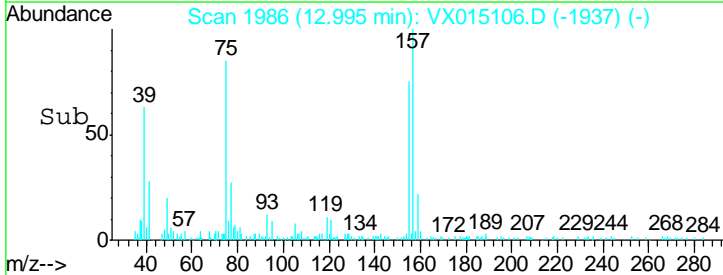
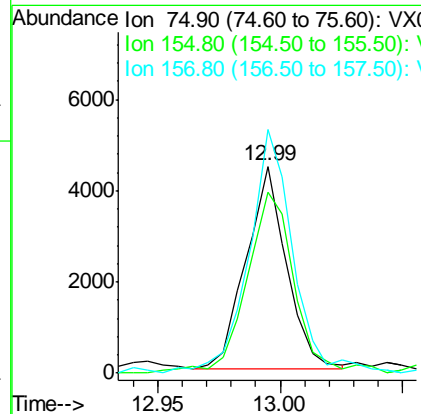
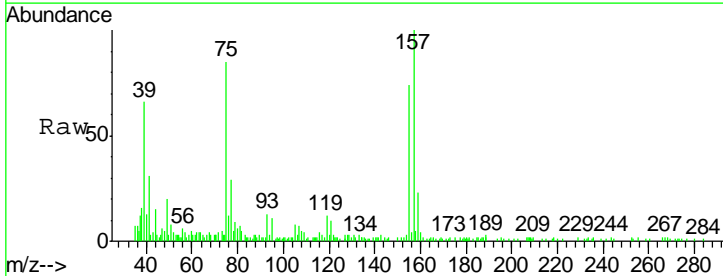
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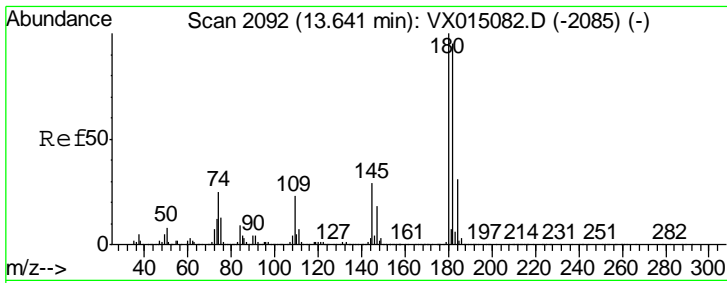
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 4.967 ug/l  
 RT: 12.99 min Scan# 1986  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

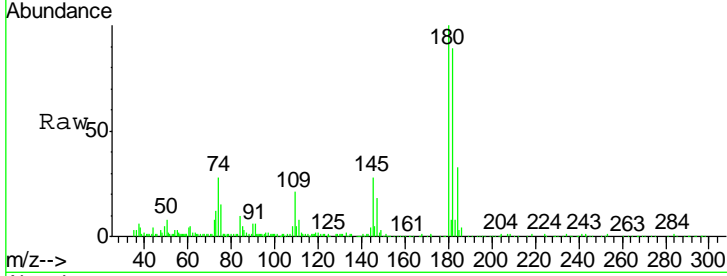
| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 5138  |       |       |
| 75      | 100   |       |       |
| 155     | 104.5 | 46.6  | 139.7 |
| 157     | 130.9 | 59.2  | 177.5 |





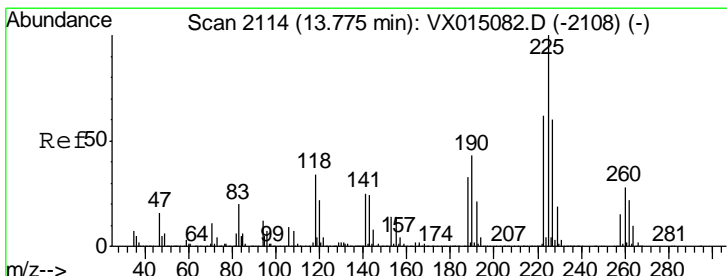
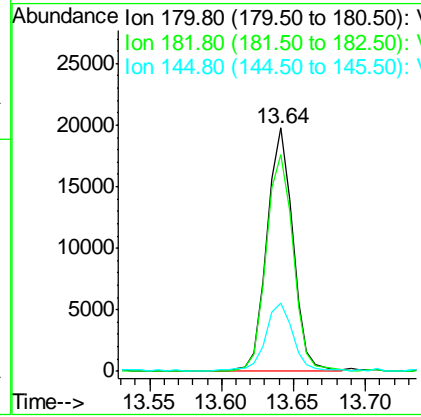
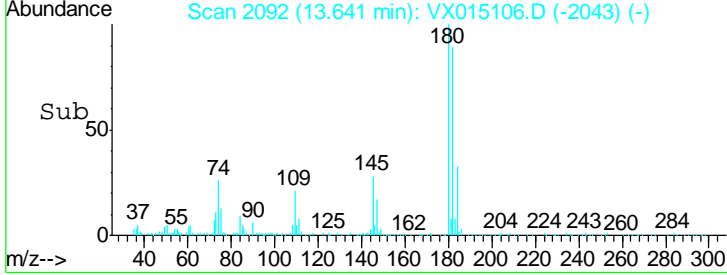
#93  
 1,2,4-Trichlorobenzene  
 Concen: 4.685 ug/l  
 RT: 13.64 min Scan# 2092  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument : MSVOA\_X  
 ClientSampled : LOQ-WATER-02-QT1-2020

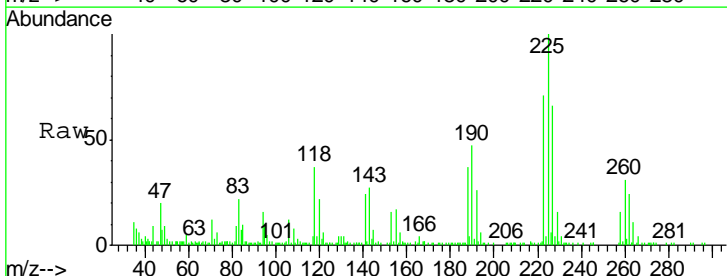


| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 180     | 100  |       |       |
| 182     | 92.9 | 47.6  | 142.8 |
| 145     | 30.4 | 14.1  | 42.2  |

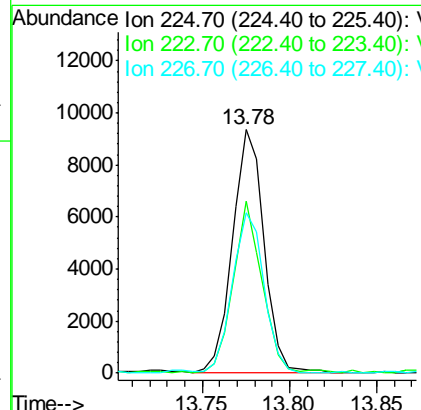
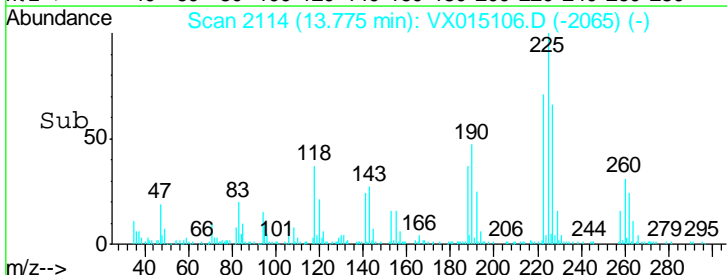
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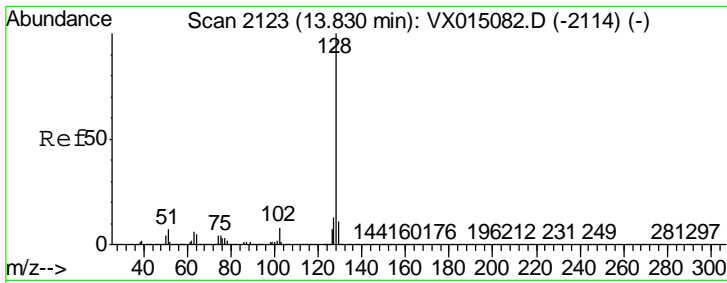


#94  
 Hexachlorobutadiene  
 Concen: 4.377 ug/l  
 RT: 13.78 min Scan# 2114  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03



| Tgt Ion | Resp | Lower | Upper |
|---------|------|-------|-------|
| 225     | 100  |       |       |
| 223     | 65.5 | 31.3  | 93.9  |
| 227     | 66.7 | 31.1  | 93.2  |





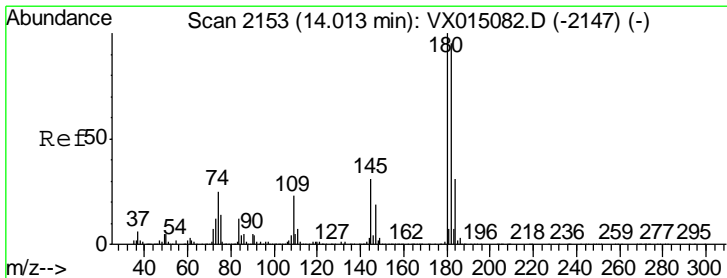
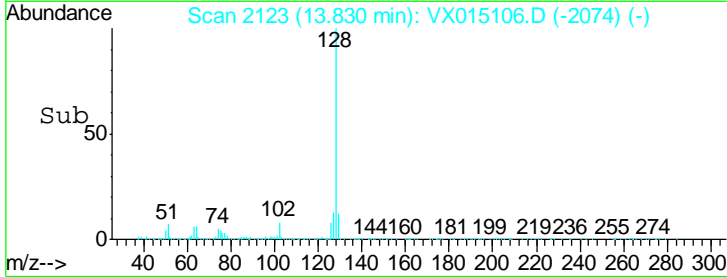
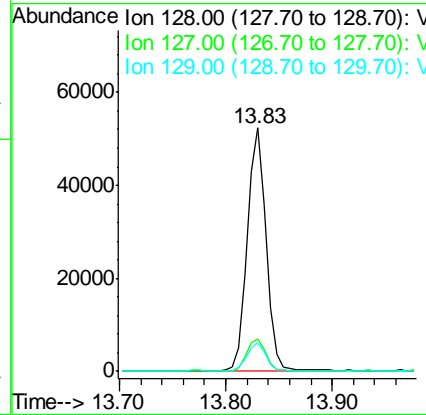
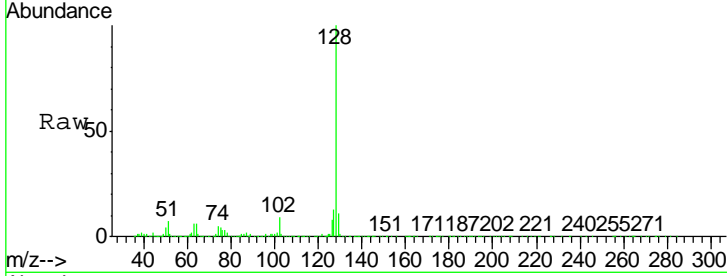
#95  
 Naphthalene  
 Concen: 4.581 ug/l  
 RT: 13.83 min Scan# 2123  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

Instrument :  
 MSVOA\_X  
 Client Sampled :  
 LOQ-WATER-02-QT1-2020

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 65612 |       |       |
| 127     | 13.6  | 10.3  | 15.5  |
| 129     | 11.9  | 8.6   | 13.0  |

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#96  
 1,2,3-Trichlorobenzene  
 Concen: 4.771 ug/l  
 RT: 14.01 min Scan# 2153  
 Delta R.T. 0.00 min  
 Lab File: VX015106.D  
 Acq: 05 Mar 2020 13:03

| Tgt Ion | Resp  | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 24946 |       |       |
| 182     | 99.1  | 47.8  | 143.4 |
| 145     | 31.6  | 15.1  | 45.3  |

