

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122418\  
 Data File : VX006806.D  
 Acq On : 24 Dec 2018 20:11  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 12/26/2018 9:57:57 AM

Quant Time: Dec 25 04:24:26 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121818W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 19 15:20:58 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 604086   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 892094   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 817567   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 420080   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.   | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|--------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.07   | 65   | 321946   | 49.45 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 98.90%  |          |
| 35) Dibromofluoromethane    | 5.50   | 113  | 293165   | 51.97 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 103.94% |          |
| 50) Toluene-d8              | 8.71   | 98   | 1093408  | 51.41 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 102.82% |          |
| 62) 4-Bromofluorobenzene    | 11.13  | 95   | 396413   | 50.89 | ug/l    | 0.00     |
| Spiked Amount               | 50.000 |      | Recovery | =     | 101.78% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 243189   | 44.006  | ug/l  | 99     |
| 3) Chloromethane              | 1.33 | 50   | 264096   | 44.358  | ug/l  | 99     |
| 4) Vinyl Chloride             | 1.41 | 62   | 292164   | 46.985  | ug/l  | 100    |
| 5) Bromomethane               | 1.64 | 94   | 272063   | 46.761  | ug/l  | 98     |
| 6) Chloroethane               | 1.71 | 64   | 191580   | 44.496  | ug/l  | 98     |
| 7) Trichlorofluoromethane     | 1.93 | 101  | 469771   | 48.457  | ug/l  | 98     |
| 8) Diethyl Ether              | 2.19 | 74   | 187293   | 48.640  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101  | 277075   | 48.676  | ug/l  | 99     |
| 10) Methyl Iodide             | 2.51 | 142  | 432026   | 53.021  | ug/l  | 100    |
| 11) Tert butyl alcohol        | 3.07 | 59   | 348816   | 240.069 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 256146   | 47.458  | ug/l  | 99     |
| 13) Acrolein                  | 2.30 | 56   | 249055   | 254.088 | ug/l  | 97     |
| 14) Allyl chloride            | 2.73 | 41   | 453774   | 49.948  | ug/l  | 99     |
| 15) Acrylonitrile             | 3.15 | 53   | 832698   | 258.115 | ug/l  | 99     |
| 16) Acetone                   | 2.45 | 43   | 684243   | 228.755 | ug/l  | 99     |
| 17) Carbon Disulfide          | 2.57 | 76   | 574723   | 40.237  | ug/l  | 99     |
| 18) Methyl Acetate            | 2.78 | 43   | 500679   | 56.925  | ug/l  | 100    |
| 19) Methyl tert-butyl Ether   | 3.20 | 73   | 942490   | 52.612  | ug/l  | 98     |
| 20) Methylene Chloride        | 2.85 | 84   | 296485   | 47.935  | ug/l  | 93     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96   | 277130   | 46.341  | ug/l  | 99     |
| 22) Diisopropyl ether         | 3.87 | 45   | 875900   | 52.700  | ug/l  | 97     |
| 23) Vinyl Acetate             | 3.82 | 43   | 3524034  | 259.215 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 480775   | 48.457  | ug/l  | 99     |
| 25) 2-Butanone                | 4.70 | 43   | 1034267  | 245.818 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 4.58 | 77   | 333908   | 43.568  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96   | 318575   | 48.283  | ug/l  | 98     |
| 28) Bromochloromethane        | 5.02 | 49   | 225094   | 53.966  | ug/l  | 99     |
| 29) Tetrahydrofuran           | 5.15 | 42   | 704133   | 254.093 | ug/l  | 97     |
| 30) Chloroform                | 5.21 | 83   | 503496   | 49.005  | ug/l  | 99     |
| 31) Cyclohexane               | 5.57 | 56   | 419347   | 46.524  | ug/l  | 98     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97   | 431272   | 49.711  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 5.80 | 75   | 364136   | 49.284  | ug/l  | 100    |
| 37) Ethyl Acetate             | 4.85 | 43   | 404690   | 52.624  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117  | 360425   | 50.195  | ug/l  | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122418\  
 Data File : VX006806.D  
 Acq On : 24 Dec 2018 20:11  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 12/26/2018 9:57:57 AM

Quant Time: Dec 25 04:24:26 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X121818W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 19 15:20:58 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 460844   | 47.376  | ug/l  | 96       |
| 40) Benzene                    | 6.14  | 78   | 1130219  | 50.324  | ug/l  | 97       |
| 41) Methacrylonitrile          | 5.06  | 41   | 229878   | 56.303  | ug/l  | 98       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 381750   | 49.882  | ug/l  | 99       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 665137   | 56.845  | ug/l  | 98       |
| 44) Trichloroethene            | 7.21  | 130  | 330607   | 48.636  | ug/l  | 95       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 288837   | 52.849  | ug/l  | 98       |
| 46) Dibromomethane             | 7.66  | 93   | 200921   | 49.980  | ug/l  | 97       |
| 47) Bromodichloromethane       | 7.90  | 83   | 351745   | 52.702  | ug/l  | 96       |
| 48) Methyl methacrylate        | 7.77  | 41   | 337162   | 56.663  | ug/l  | 97       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 142886   | 916.117 | ug/l  | 96       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 2053197  | 275.783 | ug/l  | 99       |
| 52) Toluene                    | 8.78  | 92   | 744649   | 51.322  | ug/l  | 98       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 391871   | 54.746  | ug/l  | 99       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 429222   | 54.649  | ug/l  | 97       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 306865   | 51.670  | ug/l  | 95       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 460946   | 54.914  | ug/l  | 96       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 493509   | 51.649  | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 1195806  | 268.001 | ug/l  | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 1521808  | 267.158 | ug/l  | 100      |
| 60) Dibromochloromethane       | 9.59  | 129  | 304380   | 49.049  | ug/l  | 98       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 336269   | 53.264  | ug/l  | 98       |
| 64) Tetrachloroethene          | 9.34  | 164  | 311705   | 48.148  | ug/l  | 95       |
| 65) Chlorobenzene              | 10.14 | 112  | 857195   | 49.559  | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 300477   | 55.681  | ug/l  | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 1434880  | 50.768  | ug/l  | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 1120227  | 100.445 | ug/l  | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 555594   | 50.449  | ug/l  | 98       |
| 70) Styrene                    | 10.71 | 104  | 895040   | 51.370  | ug/l  | 99       |
| 71) Bromoform                  | 10.86 | 173  | 218421   | 45.330  | ug/l  | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 1473009  | 51.256  | ug/l  | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 592178   | 57.567  | ug/l  | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 455182   | 53.257  | ug/l  | 100      |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 419199m  | 53.696  | ug/l  |          |
| 77) Bromobenzene               | 11.26 | 156  | 395954   | 50.962  | ug/l  | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 1641916  | 51.882  | ug/l  | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 957832   | 49.944  | ug/l  | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 1214866  | 51.323  | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 115222   | 45.346  | ug/l  | 97       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 1106179  | 50.283  | ug/l  | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 1229384  | 51.893  | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 1249362  | 50.180  | ug/l  | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 1485099  | 51.129  | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 1329507  | 52.070  | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 698535   | 49.886  | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 702985   | 48.972  | ug/l  | 99       |
| 89) n-Butylbenzene             | 12.38 | 91   | 1135525  | 52.257  | ug/l  | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 195251   | 48.936  | ug/l  | 97       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 700642   | 50.019  | ug/l  | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 92537    | 52.326  | ug/l  | 99       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX122418\  
Data File : VX006806.D  
Acq On : 24 Dec 2018 20:11  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 27 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

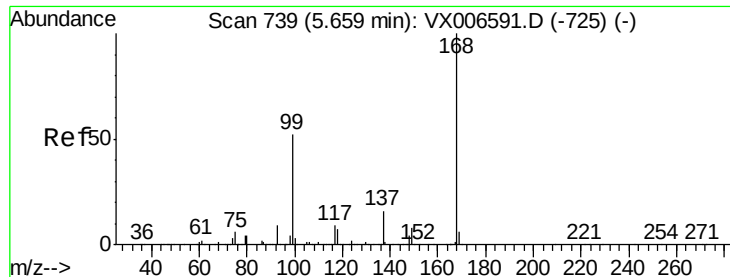
MMDadoda  
12/26/2018 9:57:57 AM

Quant Time: Dec 25 04:24:26 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X121818W.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 19 15:20:58 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 507695   | 52.544 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 237402   | 52.127 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 1577412  | 51.150 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 511265   | 51.248 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 604086

Ion Ratio Lower Upper

168 100

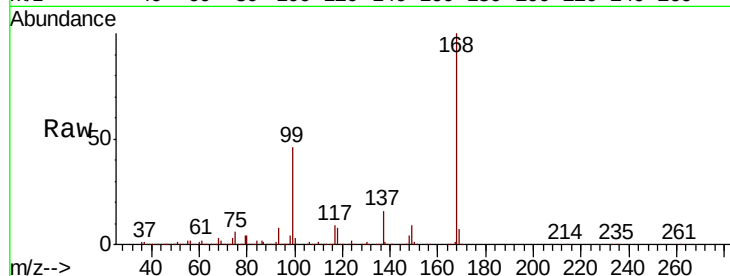
99 46.0 41.8 62.8

Manual Integrations

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12/26/2018 9:57:57 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

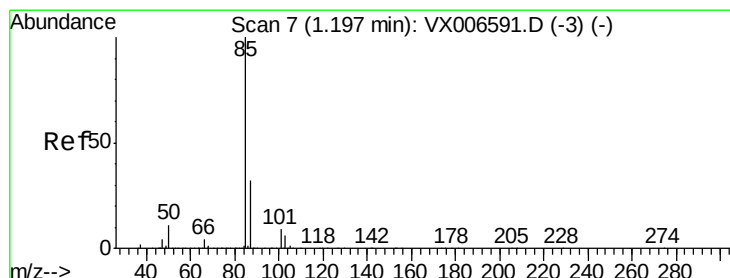
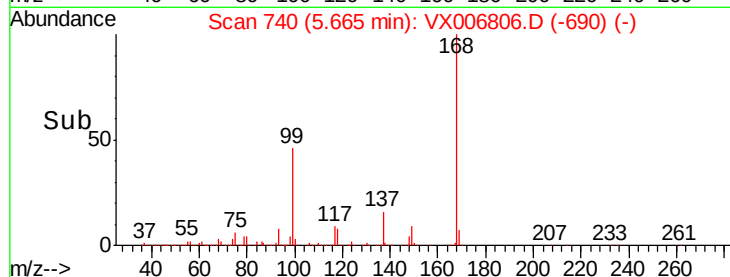
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.006 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006806.D

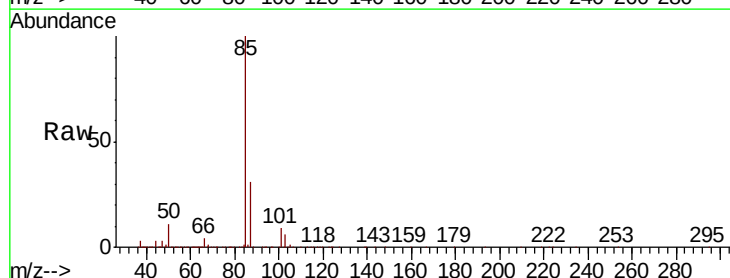
Acq: 24 Dec 2018 20:11

Tgt Ion: 85 Resp: 243189

Ion Ratio Lower Upper

85 100

87 31.2 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

250000

200000

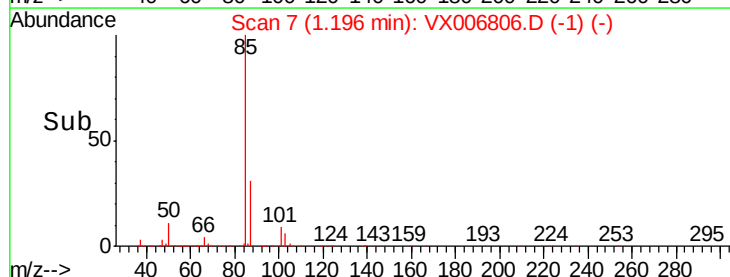
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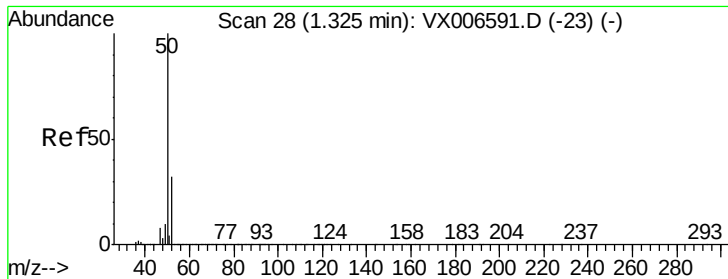
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50000

0

Time-->





#3

Chloromethane

Concen: 44.358 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 264096

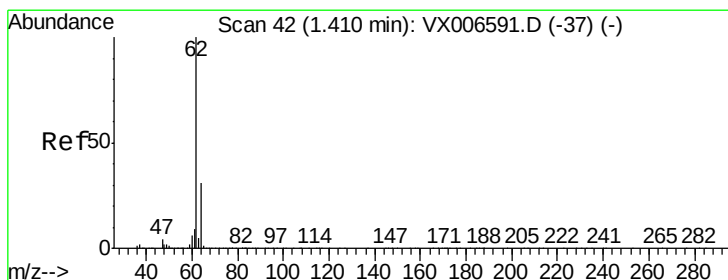
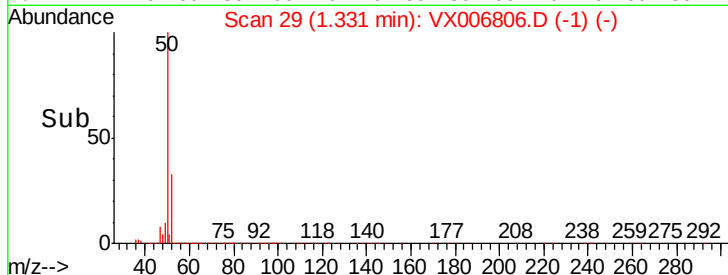
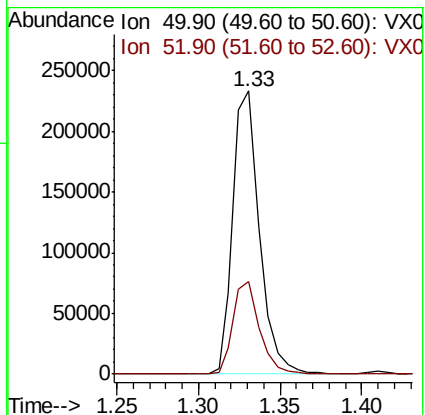
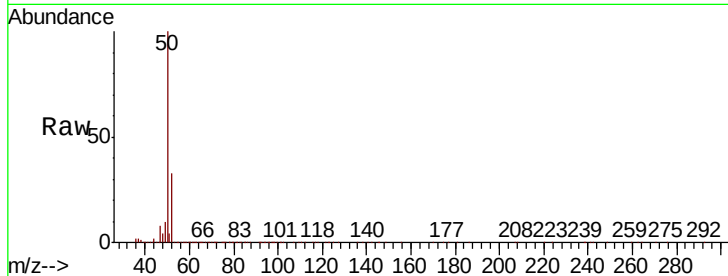
Ion Ratio Lower Upper

50 100

52 32.5 25.4 38.2

Manual Integrations  
APPROVED

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12/26/2018 9:57:57 AM



#4

Vinyl Chloride

Concen: 46.985 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006806.D

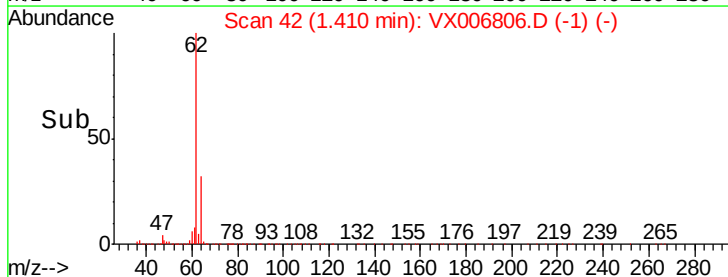
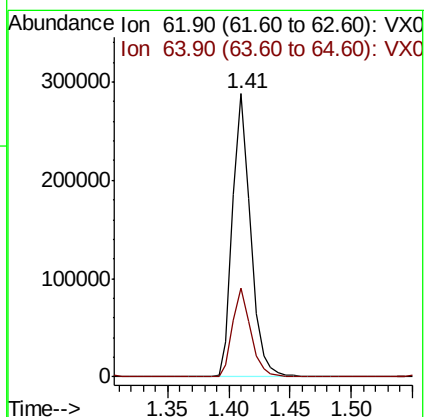
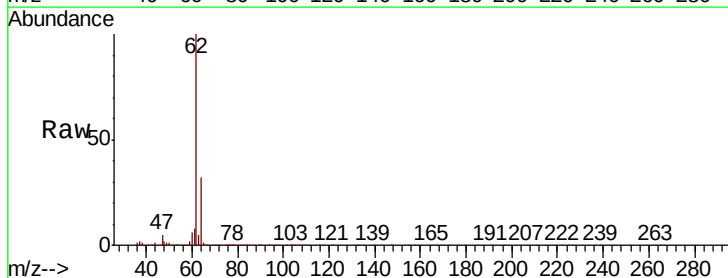
Acq: 24 Dec 2018 20:11

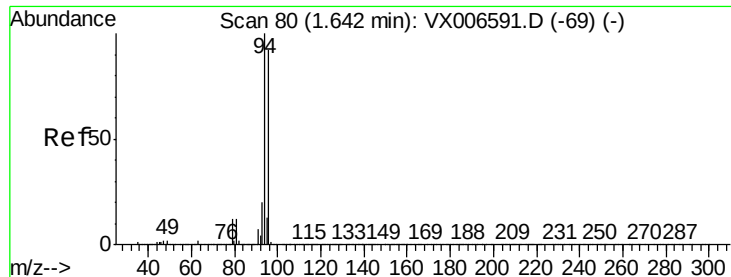
Tgt Ion: 62 Resp: 292164

Ion Ratio Lower Upper

62 100

64 31.4 25.1 37.7





#5

Bromomethane

Concen: 46.761 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 272063

Ion Ratio Lower Upper

94 100

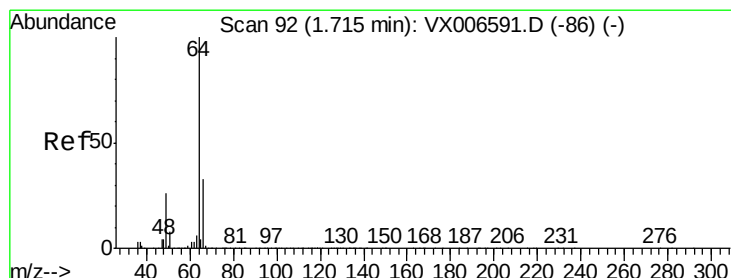
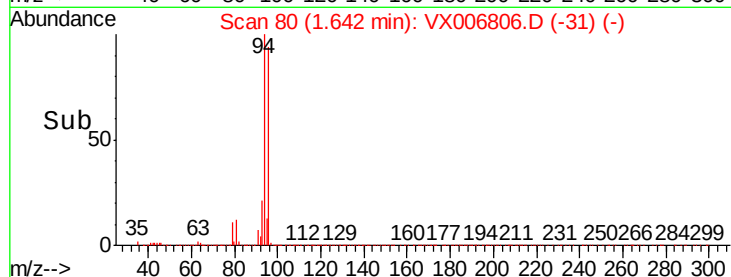
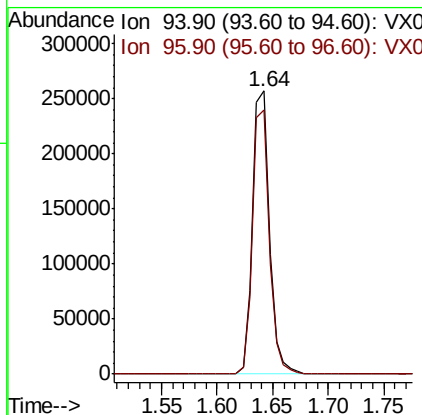
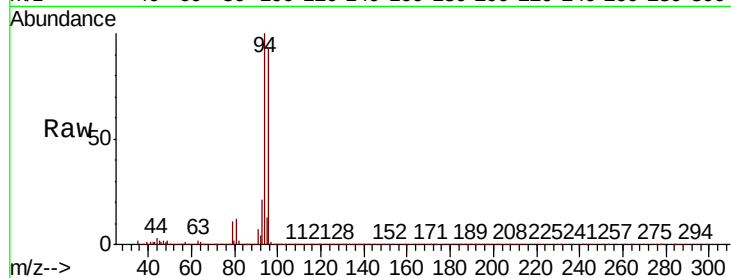
96 93.5 73.4 110.2

Manual Integrations

APPROVED

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12/26/2018 9:57:57 AM



#6

Chloroethane

Concen: 44.496 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006806.D

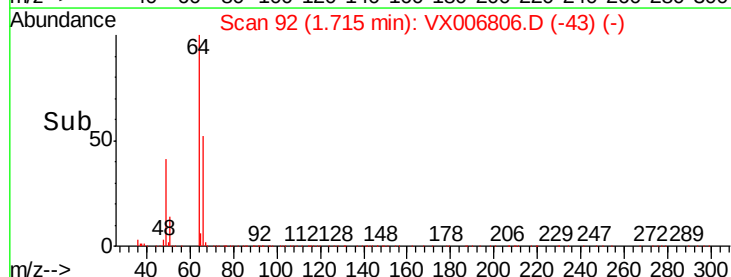
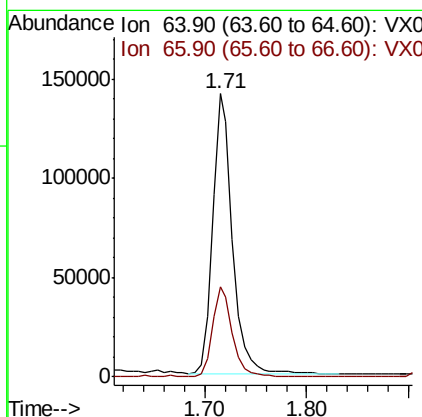
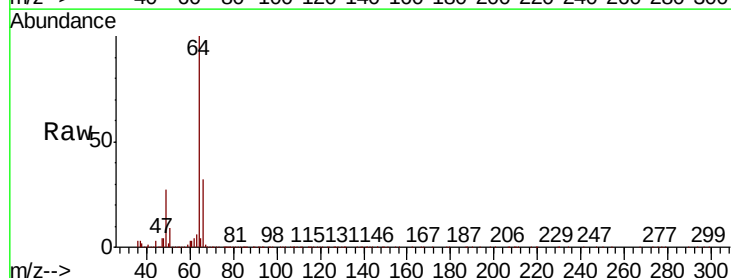
Acq: 24 Dec 2018 20:11

Tgt Ion: 64 Resp: 191580

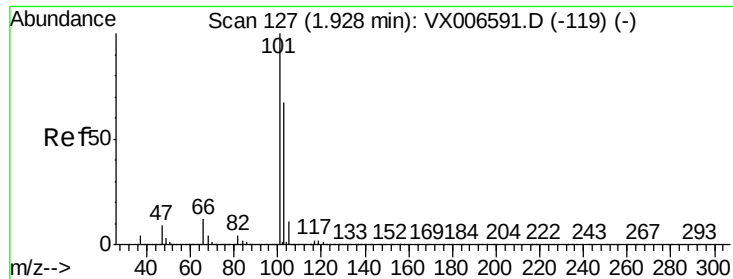
Ion Ratio Lower Upper

64 100

66 32.0 26.4 39.6







#7

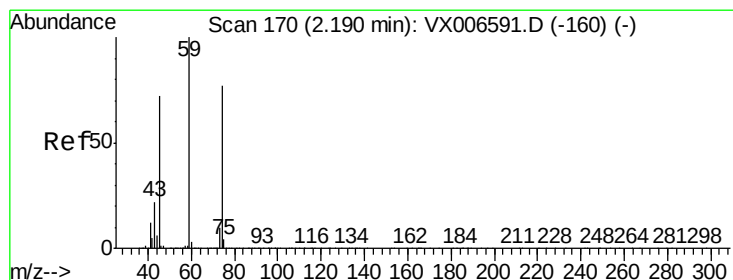
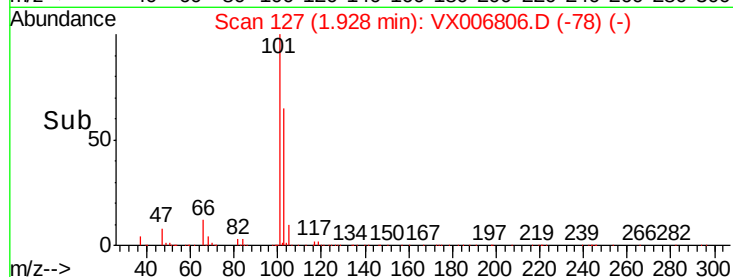
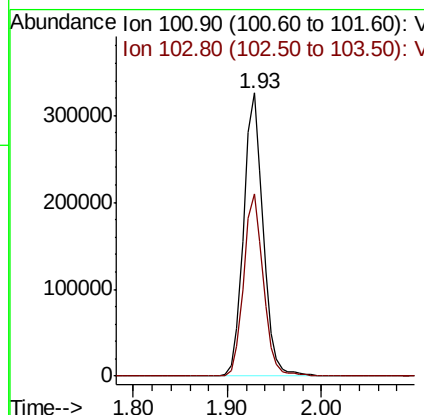
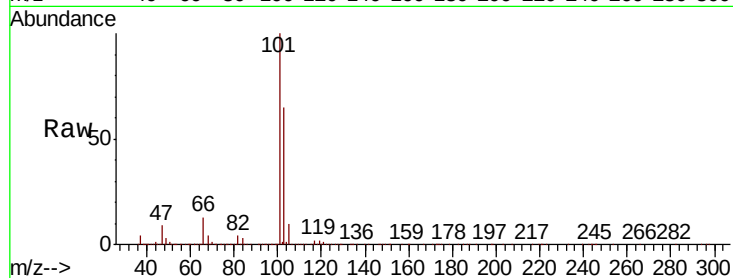
Trichlorofluoromethane  
Concen: 48.457 ug/l  
RT: 1.93 min Scan# 127  
Delta R.T. -0.00 min  
Lab File: VX006806.D  
Acq: 24 Dec 2018 20:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.5  | 53.2  | 79.8  |

Manual Integrations  
APPROVED

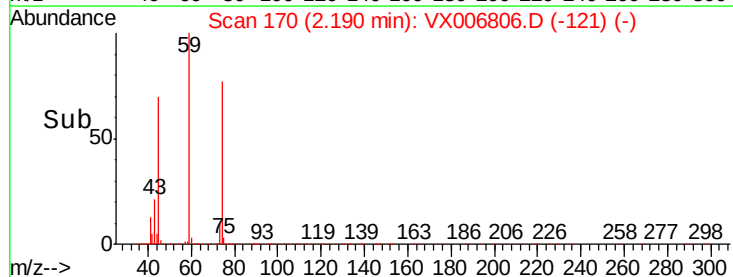
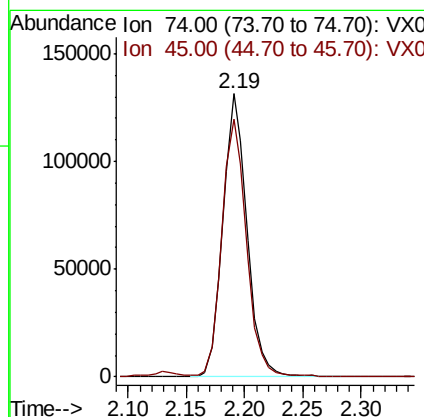
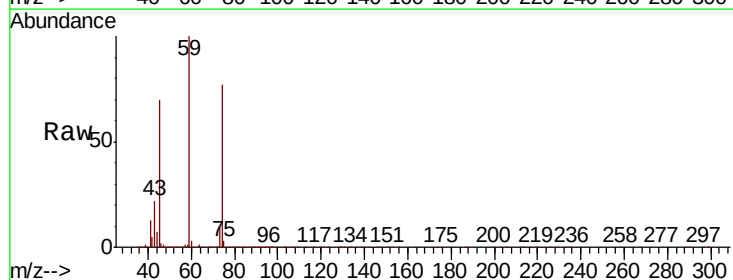
MMDadoda  
12/26/2018 9:57:57 AM



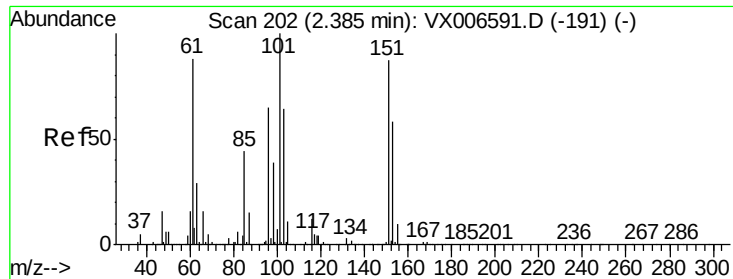
#8

Diethyl Ether  
Concen: 48.640 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. -0.00 min  
Lab File: VX006806.D  
Acq: 24 Dec 2018 20:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 92.1  | 46.3  | 138.9 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.676 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

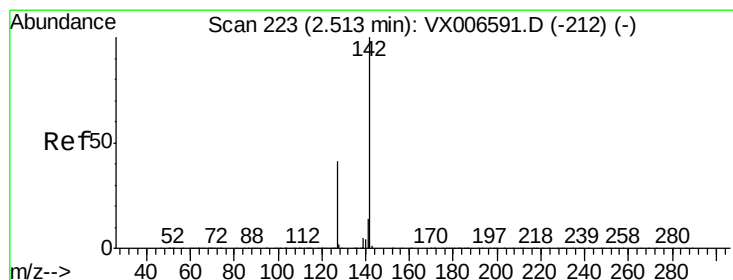
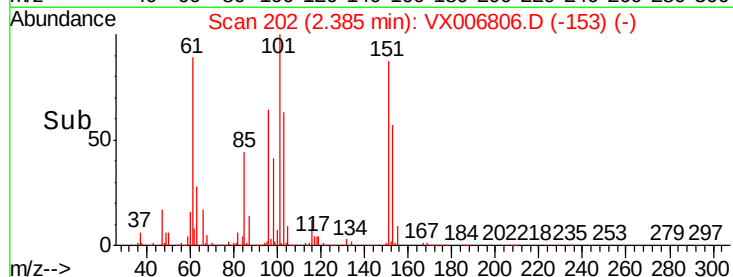
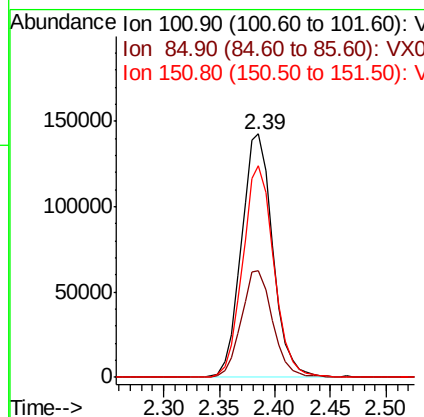
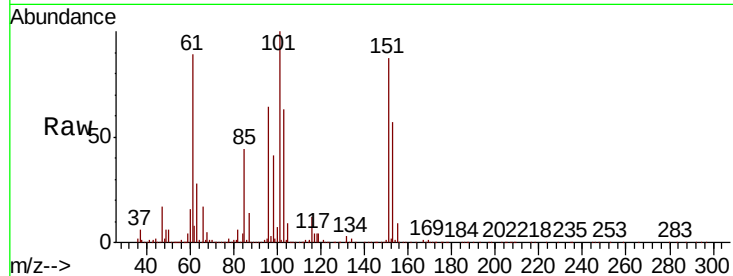
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 277075 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 44.2  | 35.1  | 52.7   |
| 151       | 87.3  | 68.9  | 103.3  |

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12/26/2018 9:57:57 AM



#10

Methyl Iodide

Concen: 53.021 ug/l

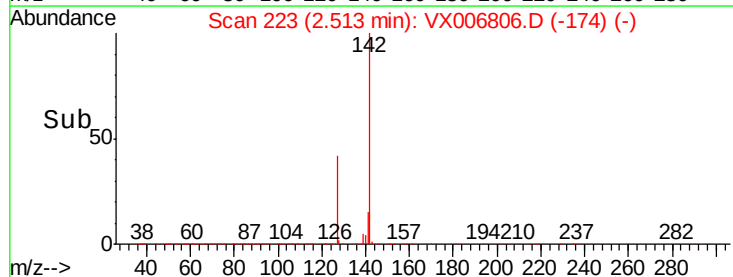
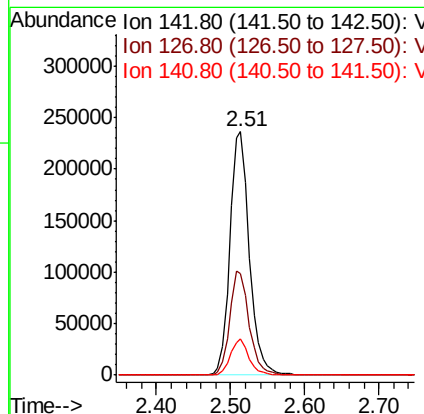
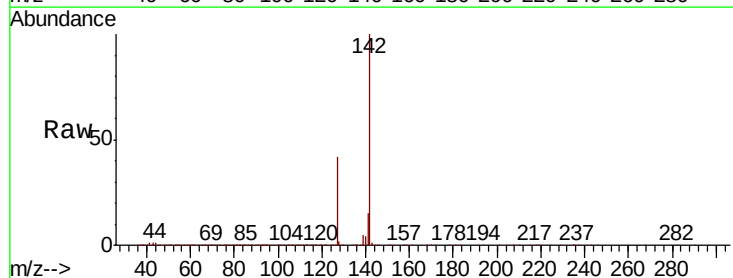
RT: 2.51 min Scan# 223

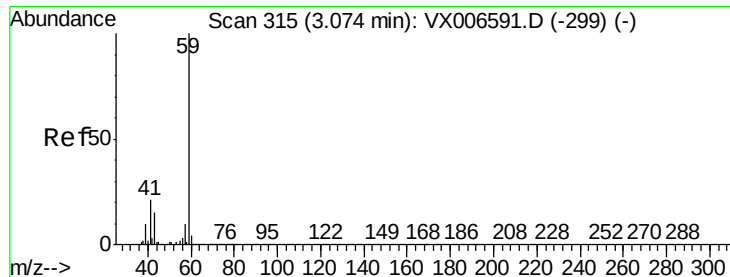
Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 432026 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 42.7  | 33.9  | 50.9   |
| 141       | 14.3  | 11.4  | 17.0   |





#11

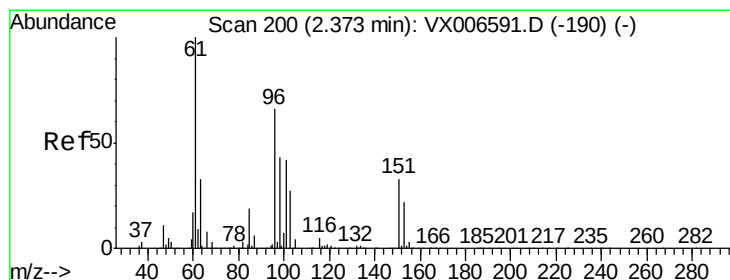
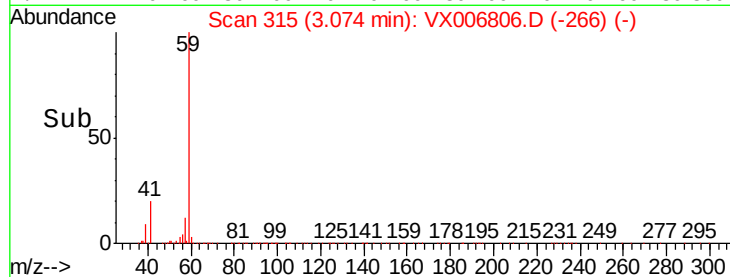
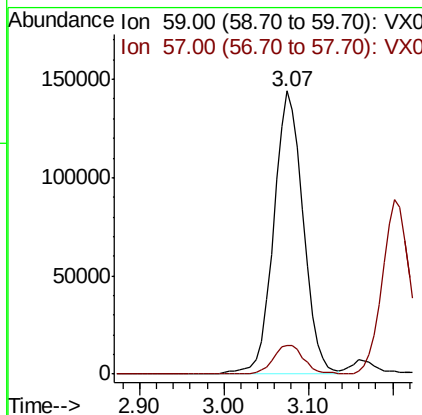
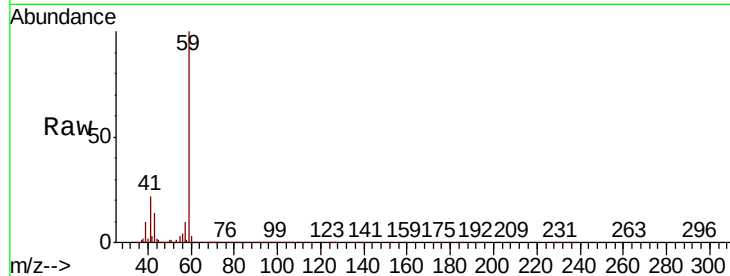
Tert butyl alcohol  
 Concen: 240.069 ug/l  
 RT: 3.07 min Scan# 315  
 Delta R.T. -0.00 min  
 Lab File: VX006806.D  
 Acq: 24 Dec 2018 20:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.3  | 8.5   | 12.7  |

Manual Integrations  
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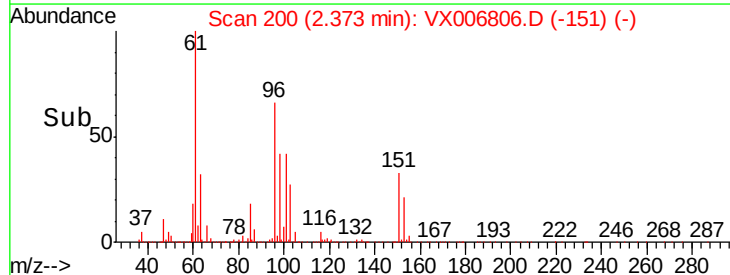
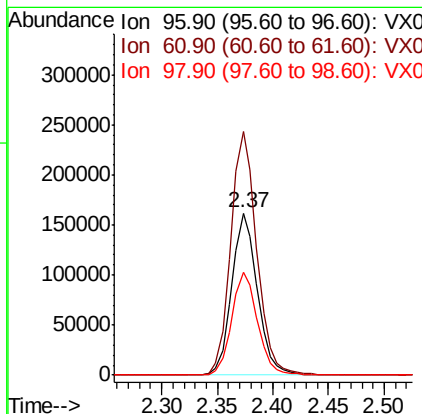
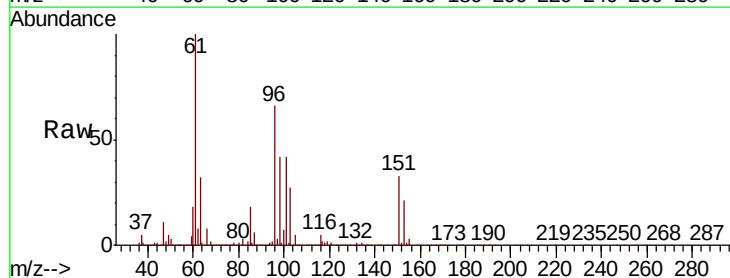
MMDadoda  
 12/26/2018 9:57:57 AM

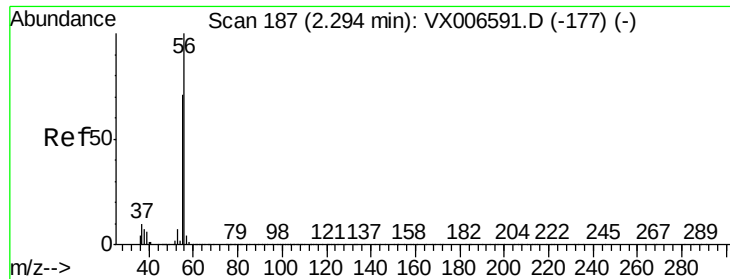


#12

1,1-Dichloroethene  
 Concen: 47.458 ug/l  
 RT: 2.37 min Scan# 200  
 Delta R.T. -0.00 min  
 Lab File: VX006806.D  
 Acq: 24 Dec 2018 20:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 150.6 | 121.4 | 182.2 |
| 98      | 63.6  | 51.9  | 77.9  |





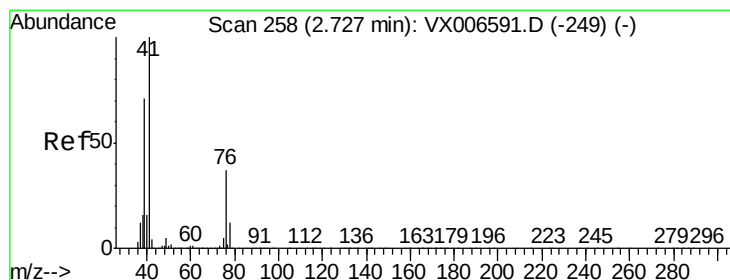
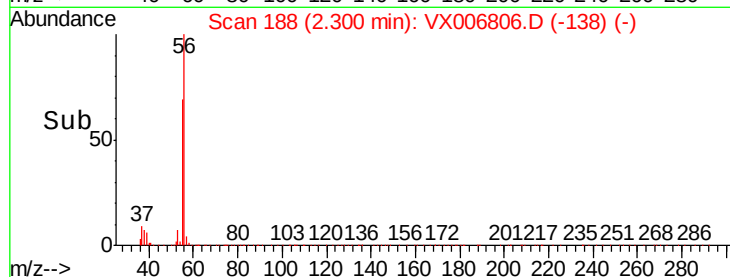
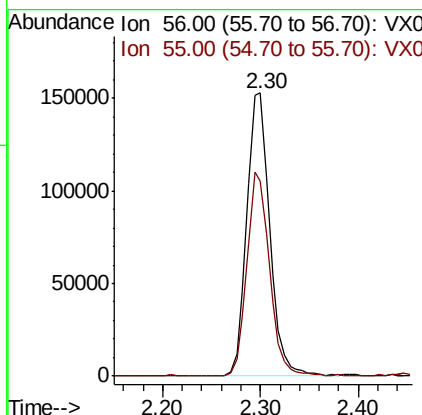
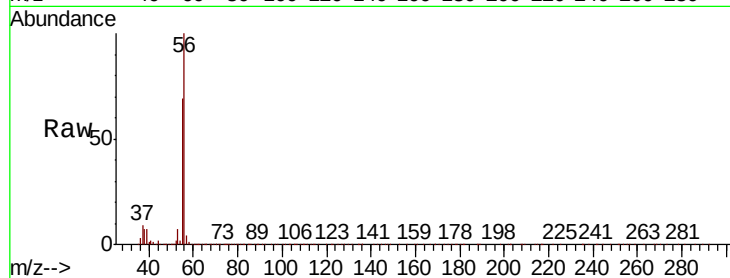
#13  
Acrolein  
Concen: 254.088 ug/l  
RT: 2.30 min Scan# 188  
Delta R.T. 0.01 min  
Lab File: VX006806.D  
Acq: 24 Dec 2018 20:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 55      | 70.4  | 58.2  | 87.4  |

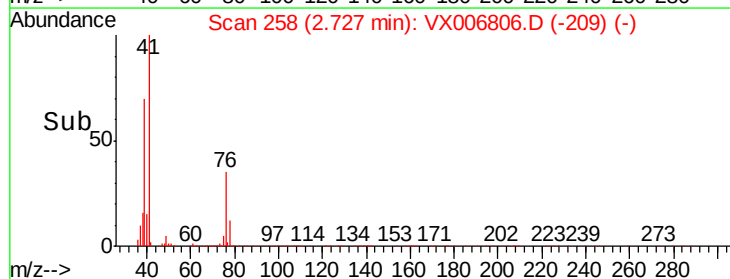
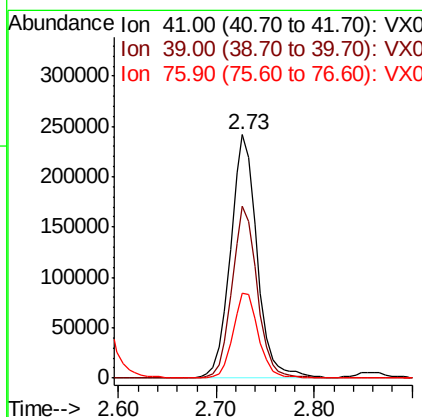
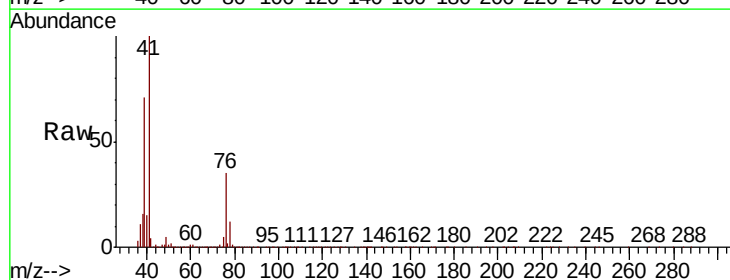
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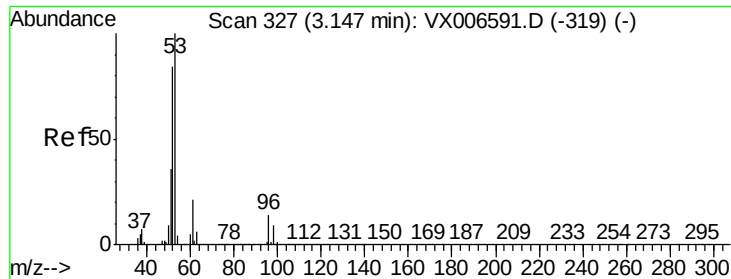
MMDadoda  
12/26/2018 9:57:57 AM



#14  
Allyl chloride  
Concen: 49.948 ug/l  
RT: 2.73 min Scan# 258  
Delta R.T. -0.00 min  
Lab File: VX006806.D  
Acq: 24 Dec 2018 20:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 67.0  | 53.6  | 80.4  |
| 76      | 33.1  | 27.4  | 41.2  |





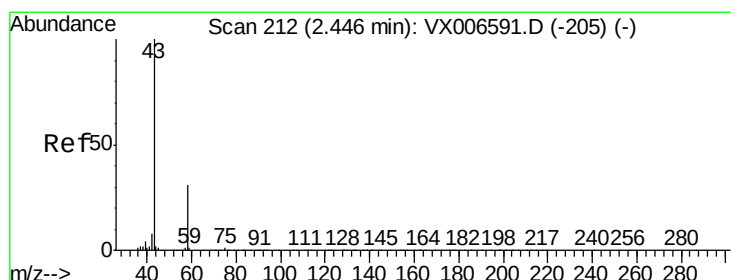
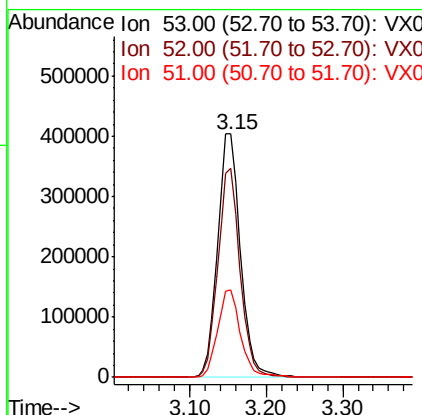
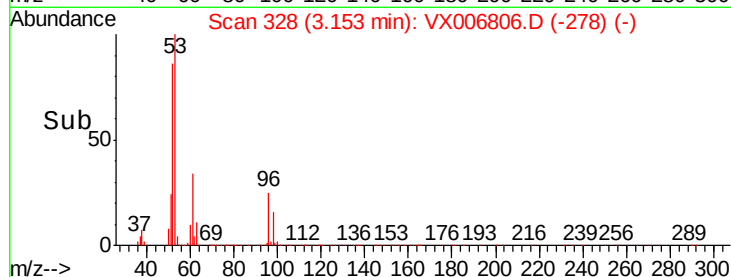
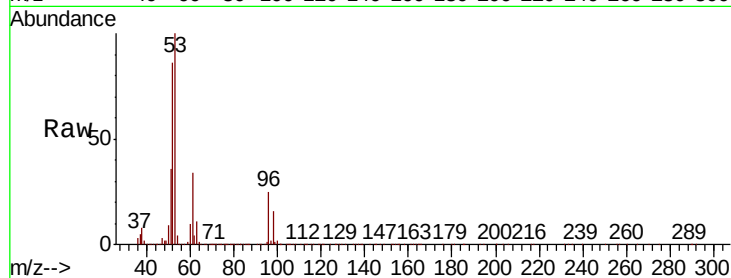
#15  
 Acrylonitrile  
 Concen: 258.115 ug/l  
 RT: 3.15 min Scan# 328  
 Delta R.T. 0.01 min  
 Lab File: VX006806.D  
 Acq: 24 Dec 2018 20:11

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 832698 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 83.3  | 66.0  | 99.0   |
| 51        | 35.6  | 28.6  | 42.8   |

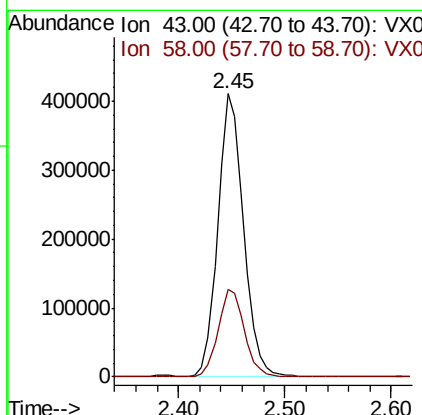
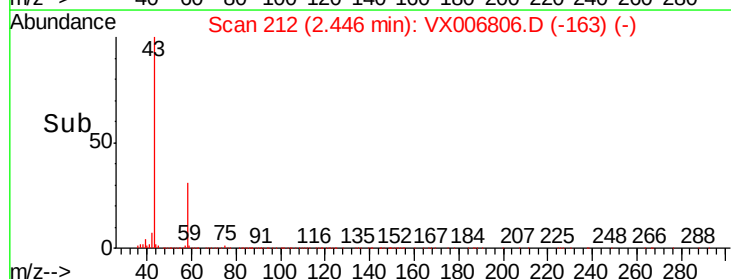
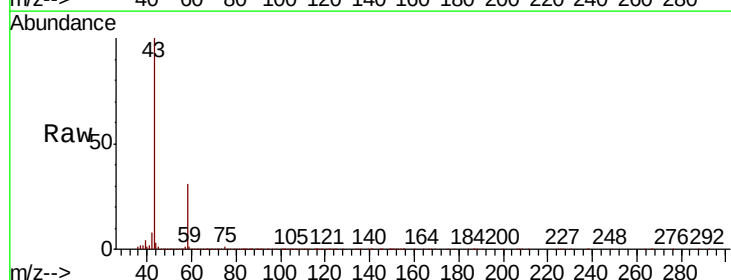
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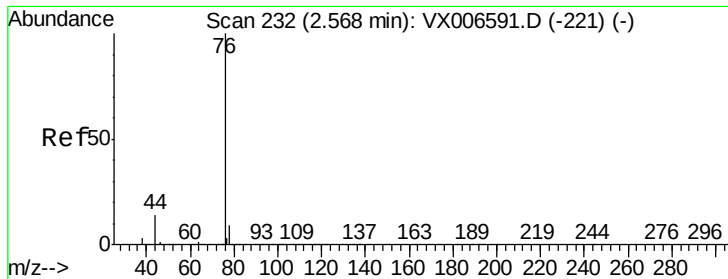
MMDadoda  
 12/26/2018 9:57:57 AM



#16  
 Acetone  
 Concen: 228.755 ug/l  
 RT: 2.45 min Scan# 212  
 Delta R.T. -0.00 min  
 Lab File: VX006806.D  
 Acq: 24 Dec 2018 20:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 684243 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 30.8  | 25.0  | 37.6   |





#17

Carbon Disulfide

Concen: 40.237 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 574723

Ion Ratio Lower Upper

76 100

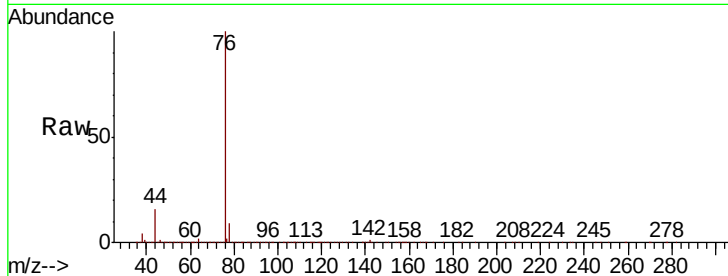
78 9.3 7.0 10.6

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12/26/2018 9:57:57 AM



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

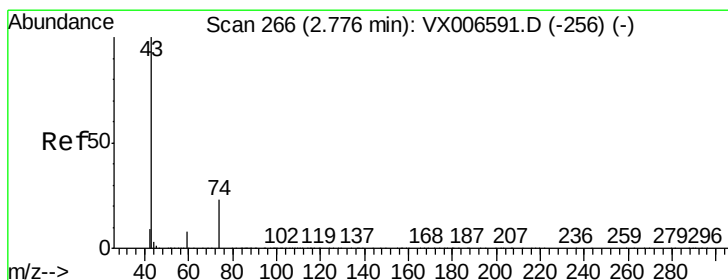
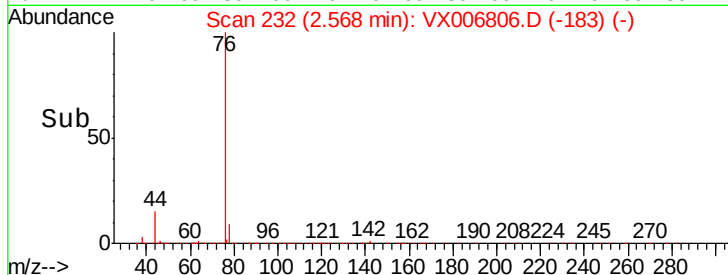
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 56.925 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX006806.D

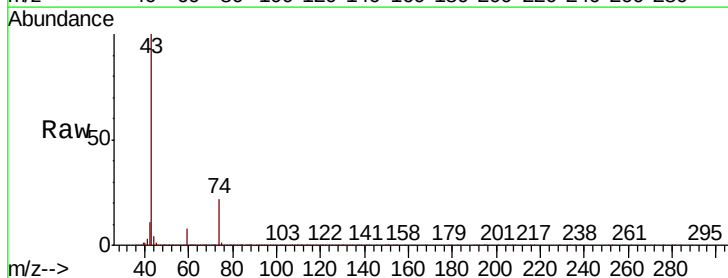
Acq: 24 Dec 2018 20:11

Tgt Ion: 43 Resp: 500679

Ion Ratio Lower Upper

43 100

74 23.1 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

300000

250000

200000

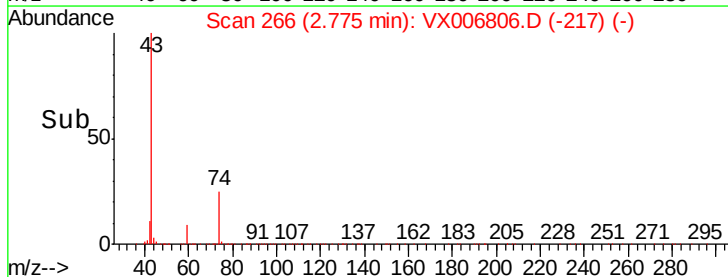
150000

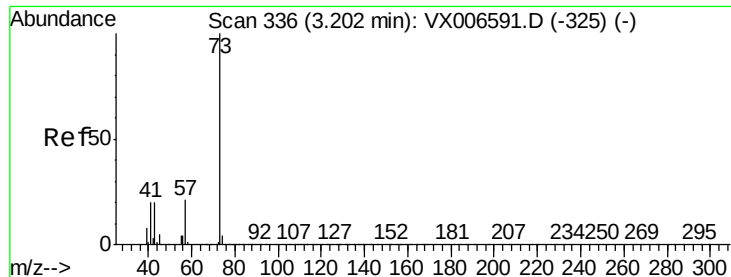
100000

50000

0

Time-->





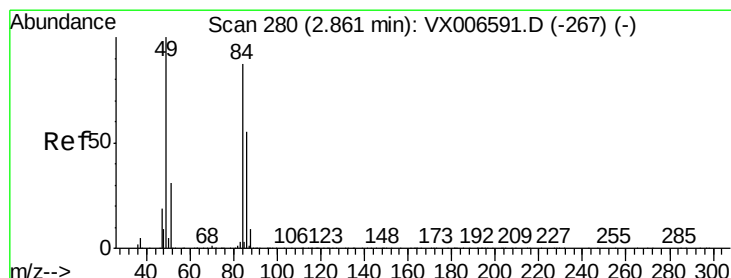
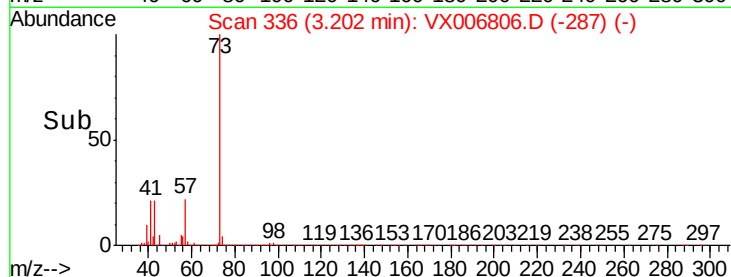
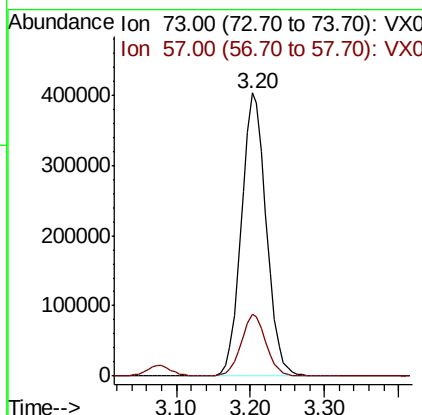
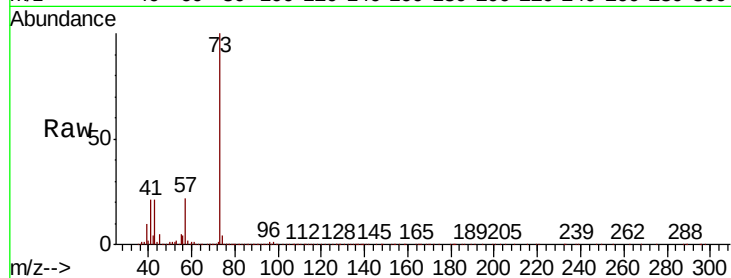
#19  
Methyl tert-butyl Ether  
Concen: 52.612 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. -0.00 min  
Lab File: VX006806.D  
Acq: 24 Dec 2018 20:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.0  | 16.8  | 25.2  |

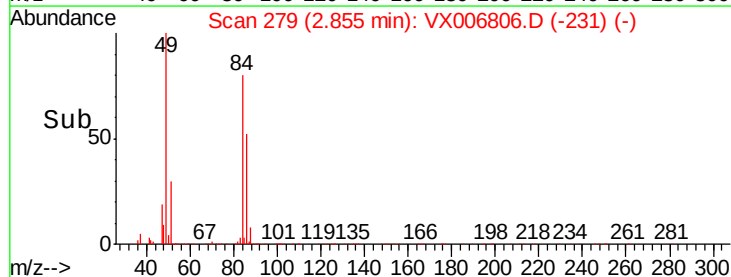
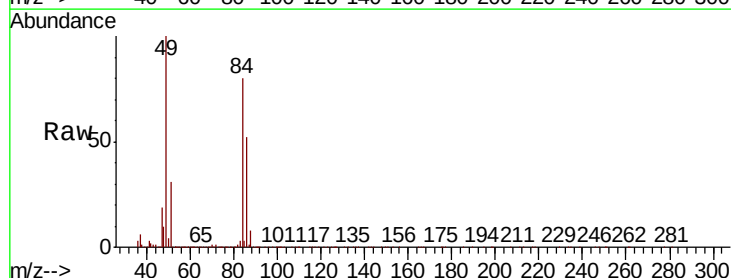
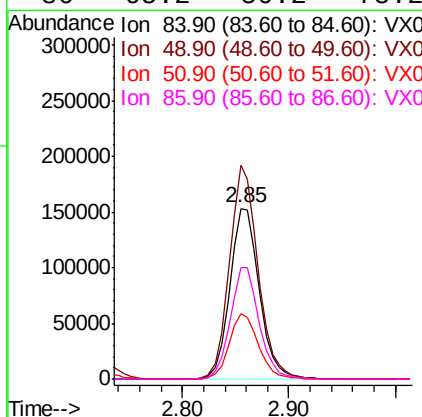
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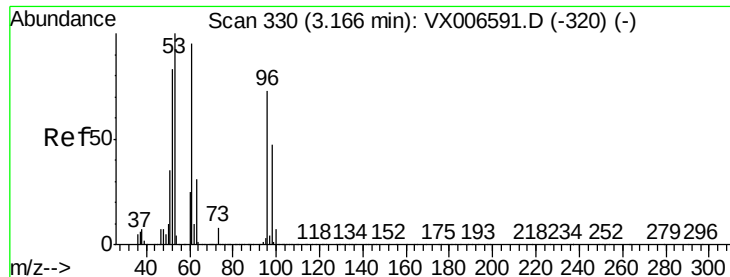
MMDadoda  
12/26/2018 9:57:57 AM



#20  
Methylene Chloride  
Concen: 47.935 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. -0.01 min  
Lab File: VX006806.D  
Acq: 24 Dec 2018 20:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 125.2 | 91.8  | 137.6 |
| 51      | 38.1  | 28.5  | 42.7  |
| 86      | 65.2  | 50.2  | 75.2  |





#21

trans-1,2-Dichloroethene

Concen: 46.341 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

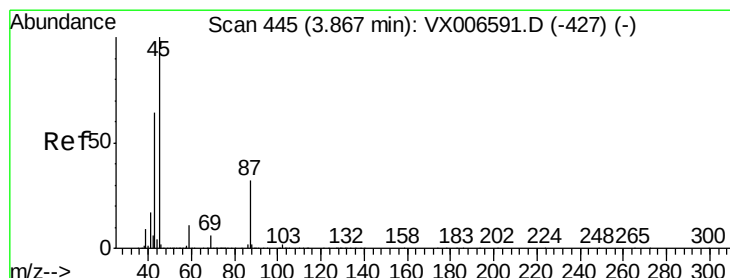
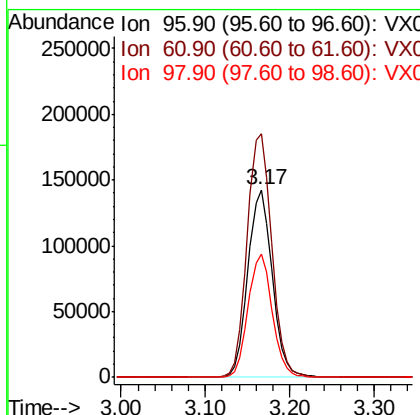
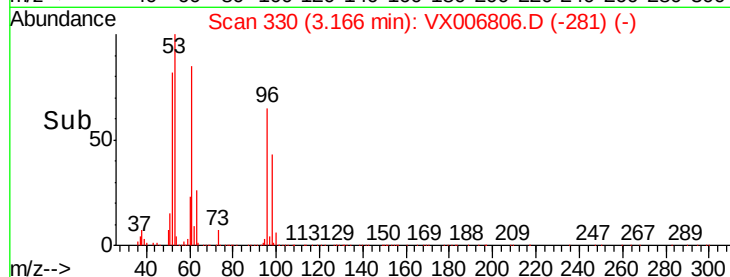
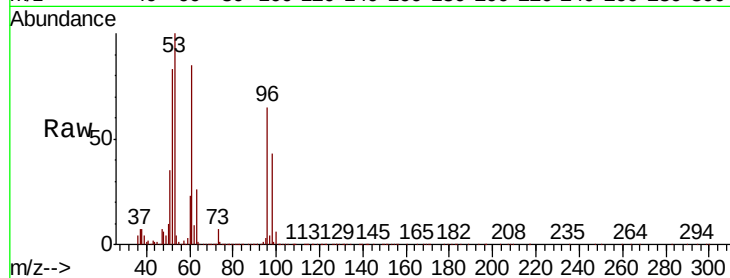
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 96    | Resp: | 277130 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 129.3 | 103.7 | 155.5  |
| 98       | 65.3  | 51.0  | 76.6   |

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#22

Diisopropyl ether

Concen: 52.700 ug/l

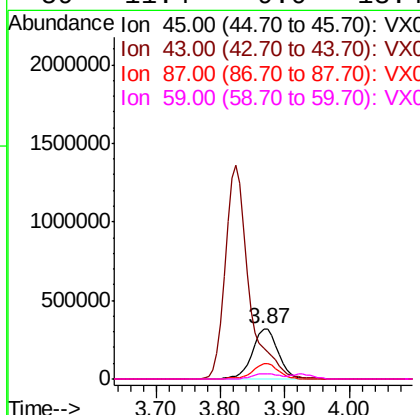
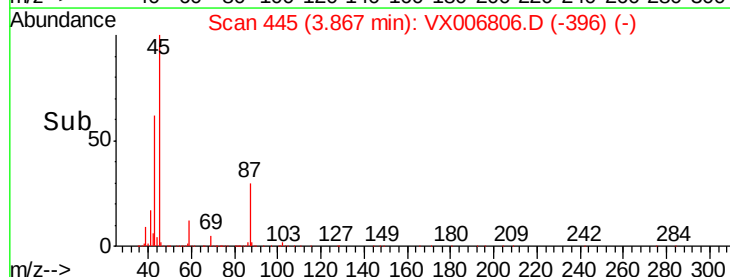
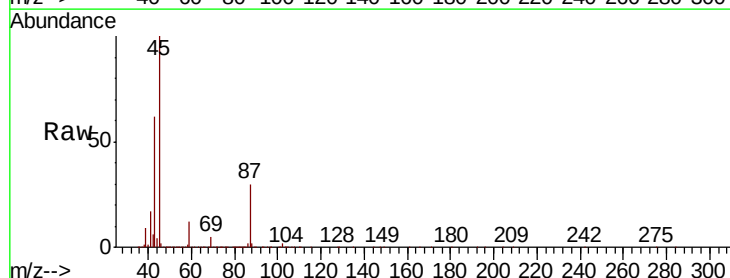
RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

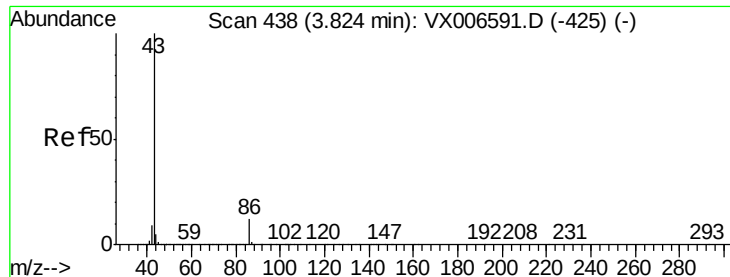
Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 875900 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 62.1  | 51.2  | 76.8   |
| 87       | 29.7  | 25.8  | 38.6   |
| 59       | 11.4  | 9.0   | 13.4   |







#23

Vinyl Acetate

Concen: 259.215 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3524034

Ion Ratio Lower Upper

43 100

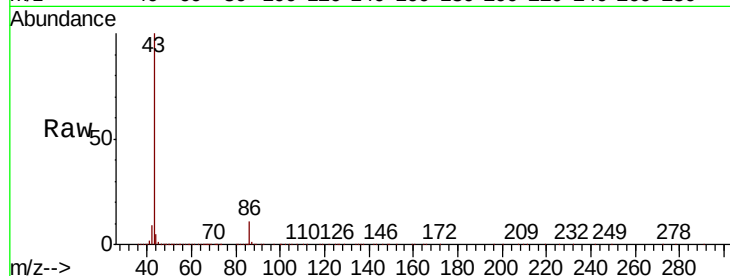
86 11.2 9.2 13.8

Manual Integrations

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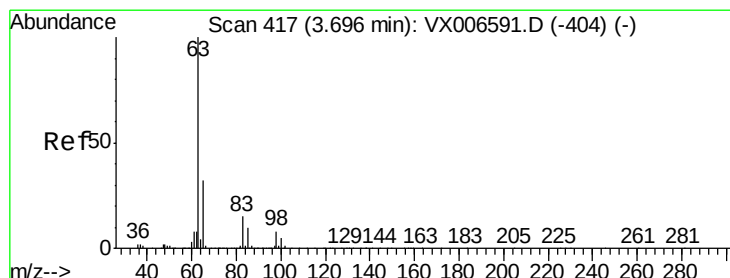
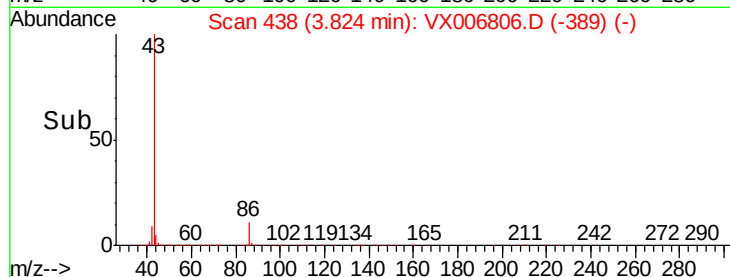
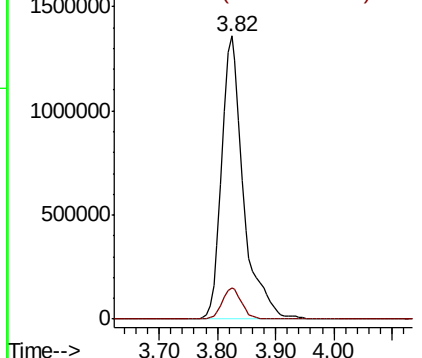
MMDadoda

12/26/2018 9:57:57 AM



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.457 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

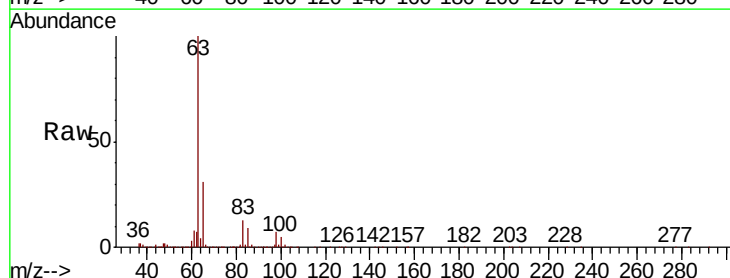
Tgt Ion: 63 Resp: 480775

Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

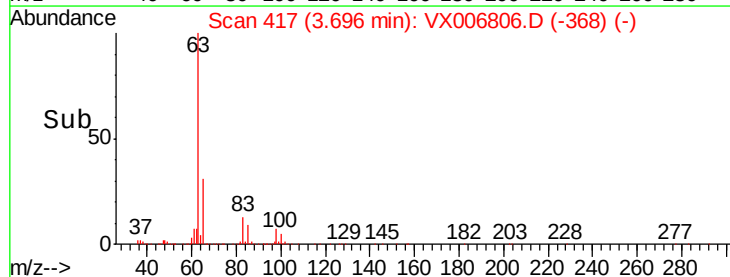
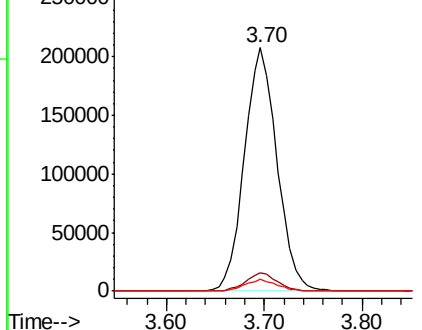
100 4.7 2.4 7.2

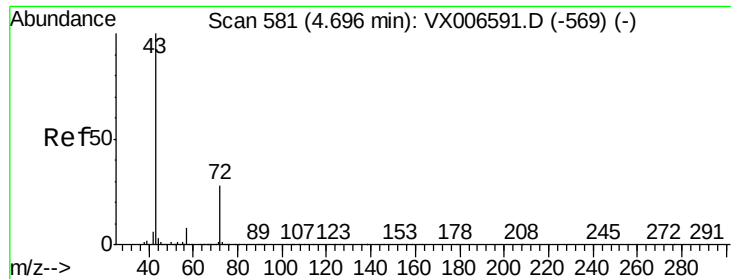


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 245.818 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1034267

Ion Ratio Lower Upper

43 100

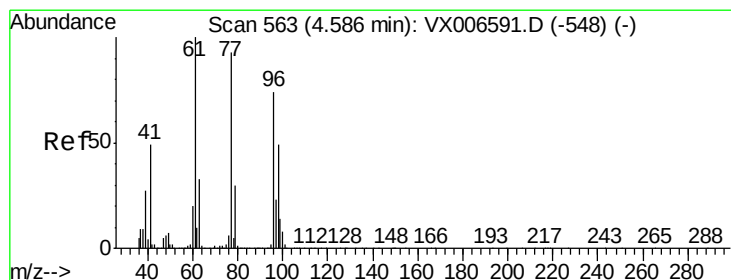
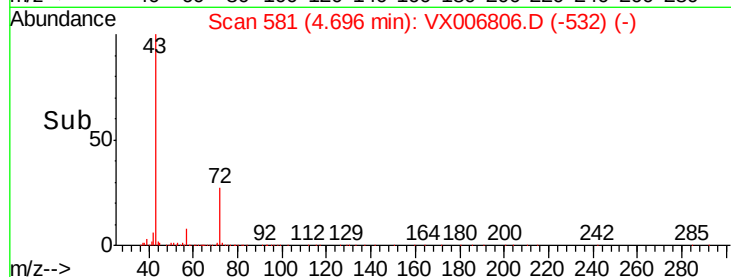
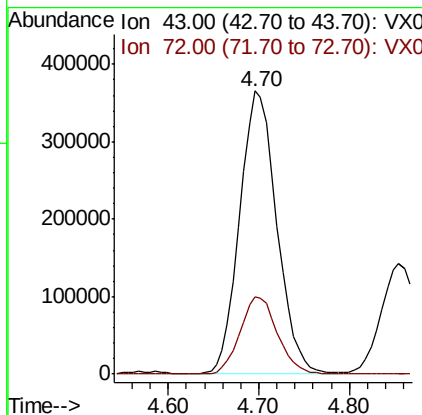
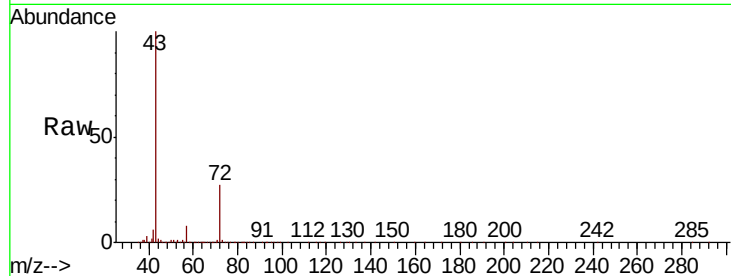
72 27.3 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 43.568 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006806.D

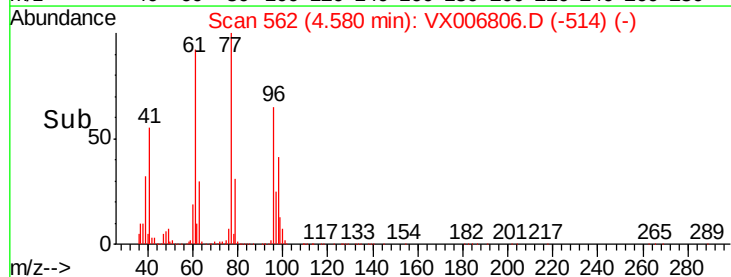
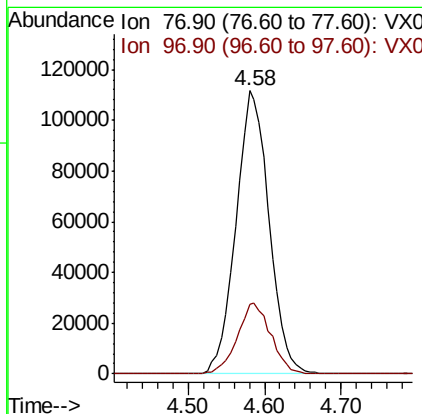
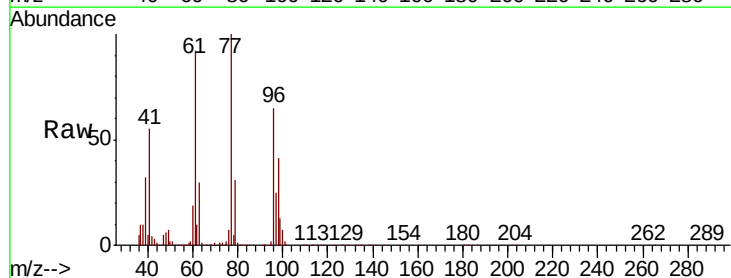
Acq: 24 Dec 2018 20:11

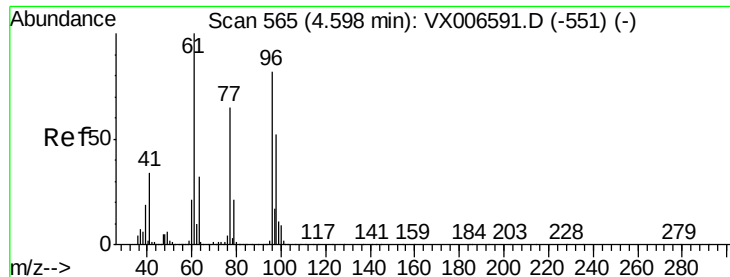
Tgt Ion: 77 Resp: 333908

Ion Ratio Lower Upper

77 100

97 25.4 12.4 37.4





#27

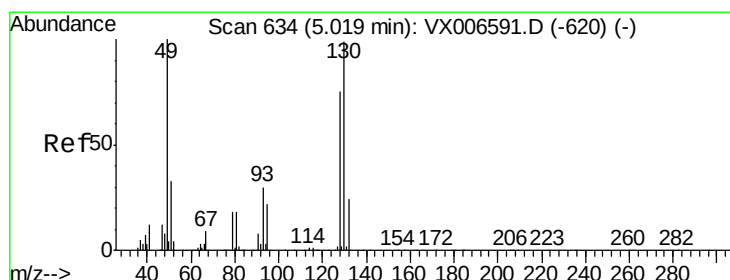
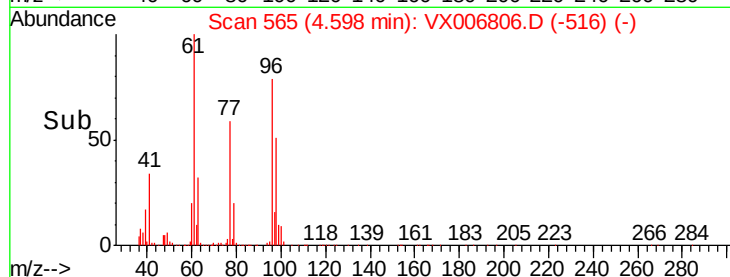
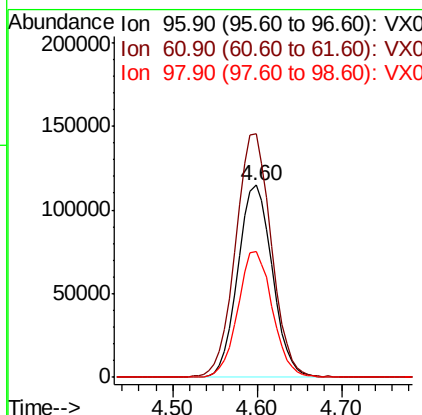
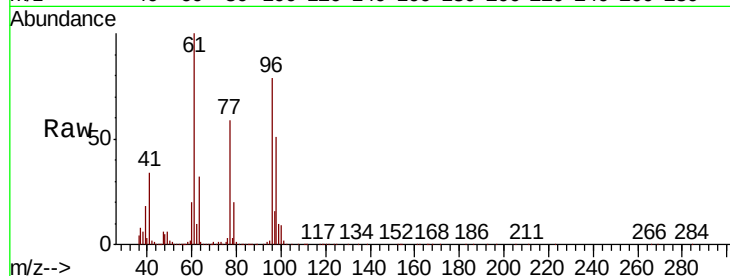
cis-1,2-Dichloroethene  
Concen: 48.283 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. -0.00 min  
Lab File: VX006806.D  
Acq: 24 Dec 2018 20:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 318575 |       |       |
| 61      | 131.6 |        | 0.0   | 258.6 |
| 98      | 65.5  |        | 0.0   | 132.0 |

Manual Integrations  
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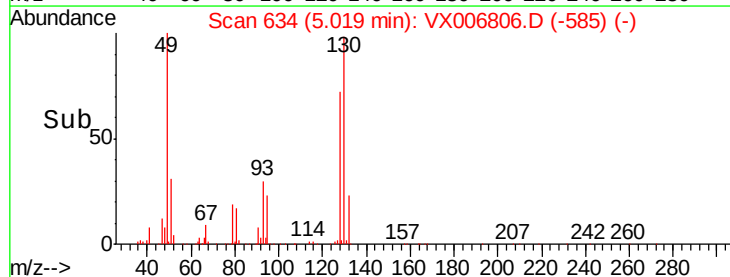
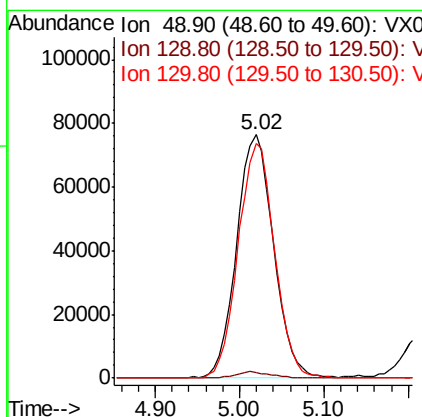
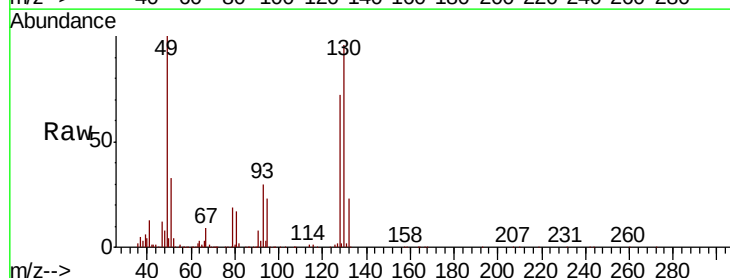
MMDadoda  
12/26/2018 9:57:57 AM

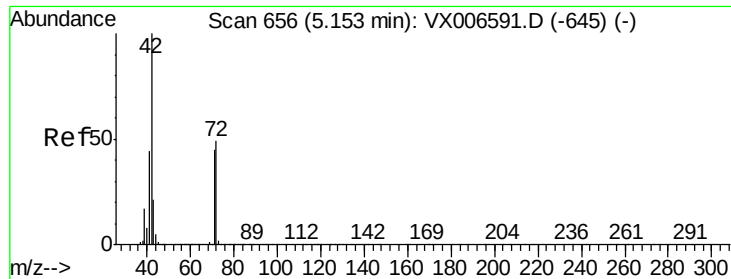


#28

Bromochloromethane  
Concen: 53.966 ug/l  
RT: 5.02 min Scan# 634  
Delta R.T. -0.00 min  
Lab File: VX006806.D  
Acq: 24 Dec 2018 20:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 225094 |       |       |
| 129     | 2.6   |        | 0.0   | 5.4   |
| 130     | 95.6  |        | 77.7  | 116.5 |





#29

Tetrahydrofuran

Concen: 254.093 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

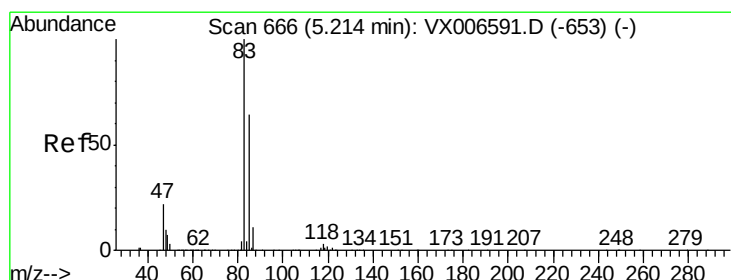
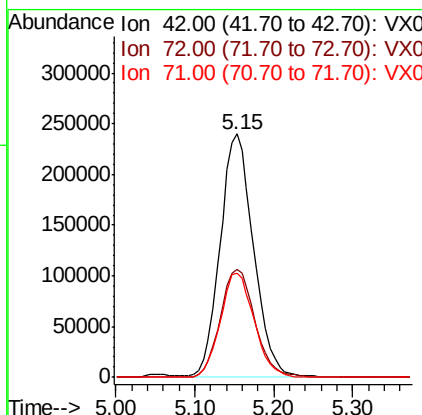
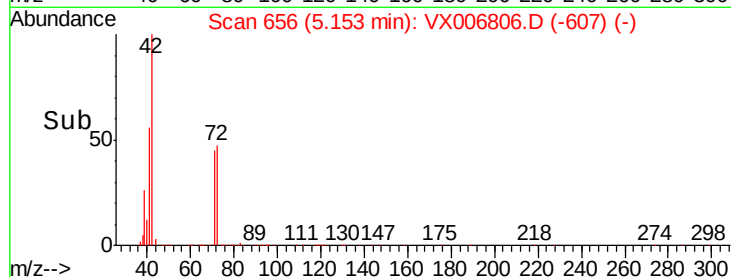
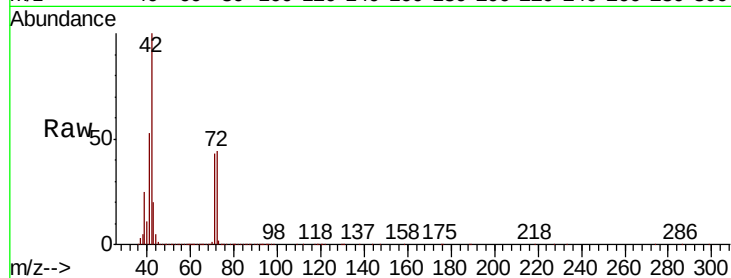
ClientSampleId :

VSTDCCC050EC

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 42   | Resp: | 704133 |
| Ion Ratio |      | Lower | Upper  |
| 42        | 100  |       |        |
| 72        | 46.3 | 38.9  | 58.3   |
| 71        | 43.6 | 36.2  | 54.4   |

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#30

Chloroform

Concen: 49.005 ug/l

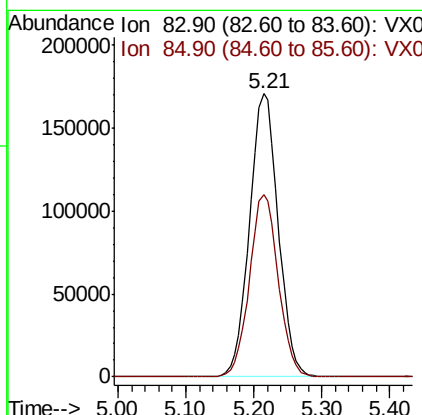
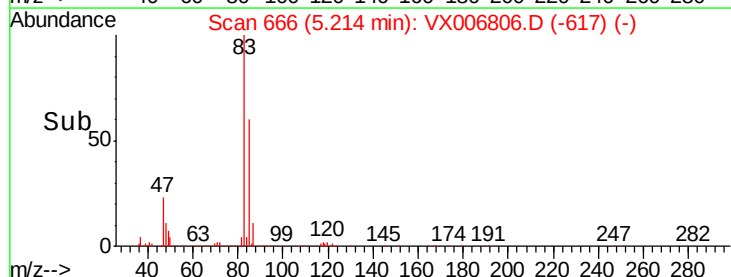
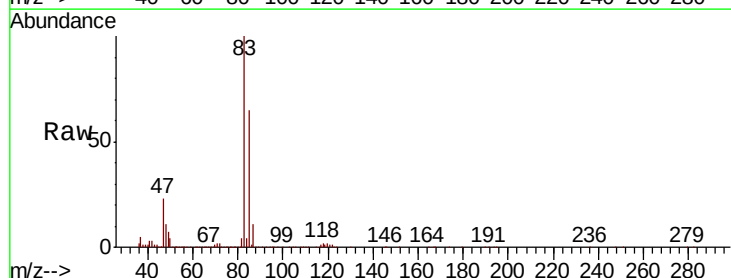
RT: 5.21 min Scan# 666

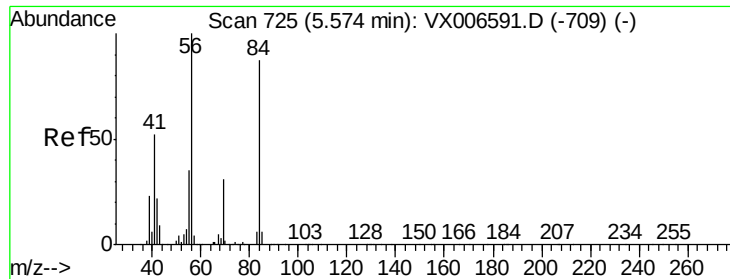
Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 83   | Resp: | 503496 |
| Ion Ratio |      | Lower | Upper  |
| 83        | 100  |       |        |
| 85        | 64.5 | 51.2  | 76.8   |





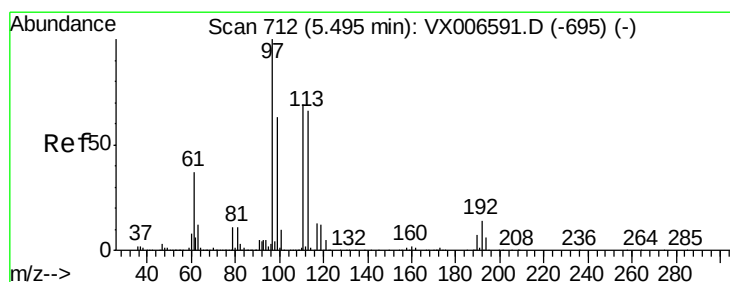
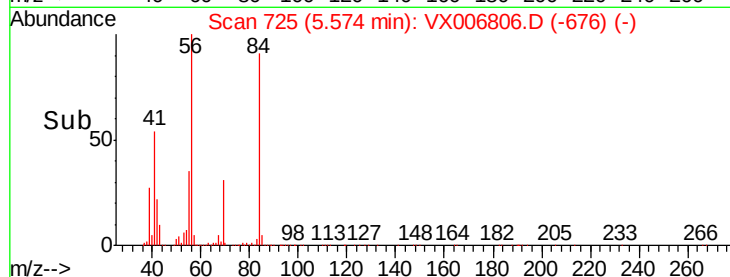
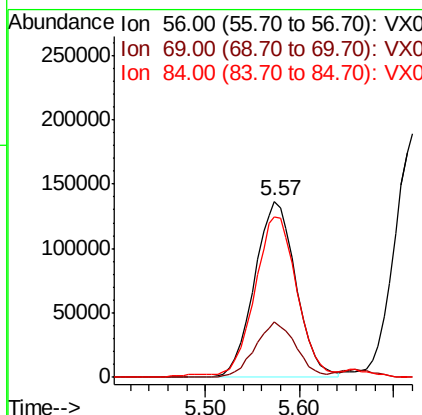
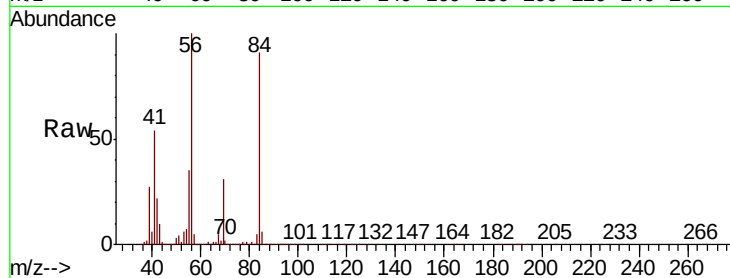
#31  
Cyclohexane  
Concen: 46.524 ug/l  
RT: 5.57 min Scan# 725  
Delta R.T. -0.00 min  
Lab File: VX006806.D  
Acq: 24 Dec 2018 20:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 31.3  | 24.4  | 36.6  |
| 84      | 89.3  | 70.0  | 105.0 |

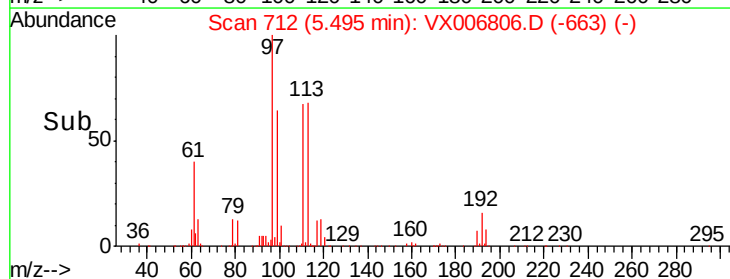
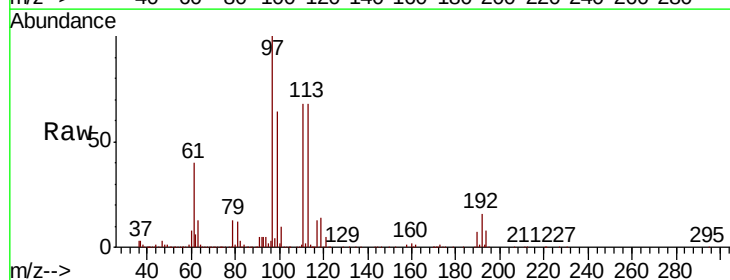
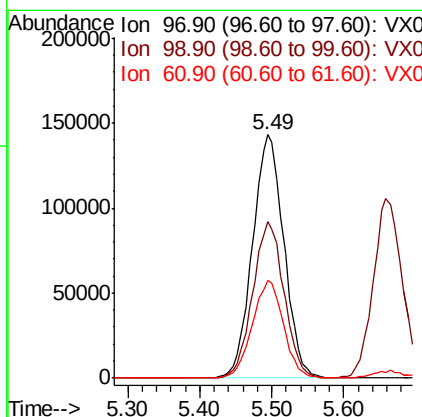
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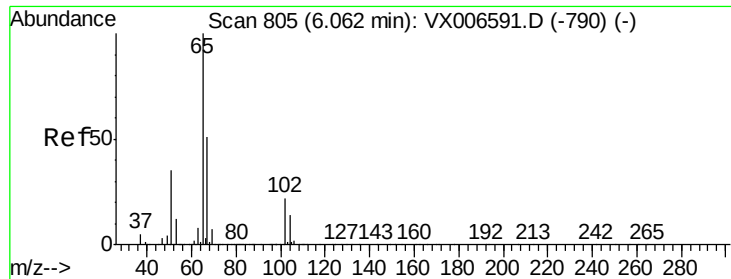
MMDadoda  
12/26/2018 9:57:57 AM



#32  
1,1,1-Trichloroethane  
Concen: 49.711 ug/l  
RT: 5.49 min Scan# 712  
Delta R.T. -0.00 min  
Lab File: VX006806.D  
Acq: 24 Dec 2018 20:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 64.3  | 51.7  | 77.5  |
| 61      | 40.2  | 31.3  | 46.9  |





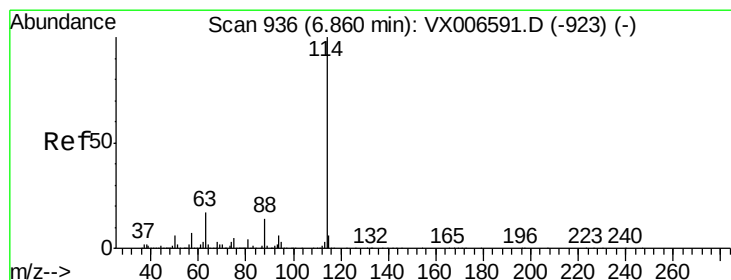
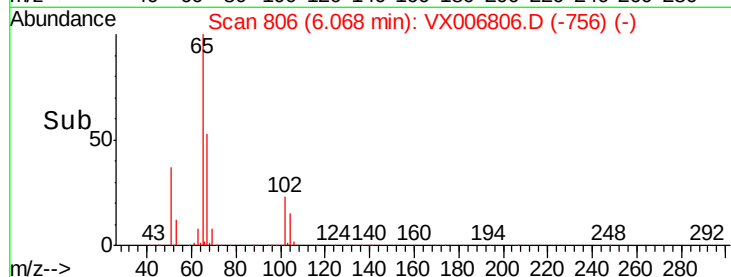
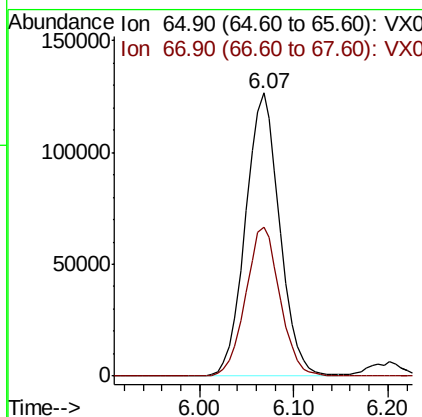
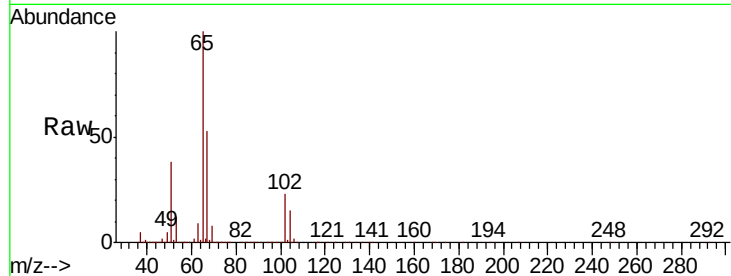
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.450 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. 0.01 min  
 Lab File: VX006806.D  
 Acq: 24 Dec 2018 20:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 52.9  | 0.0   | 105.0 |

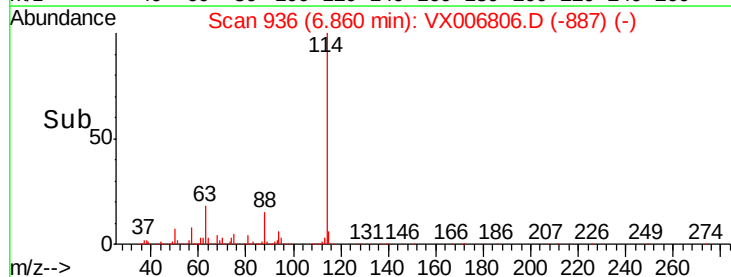
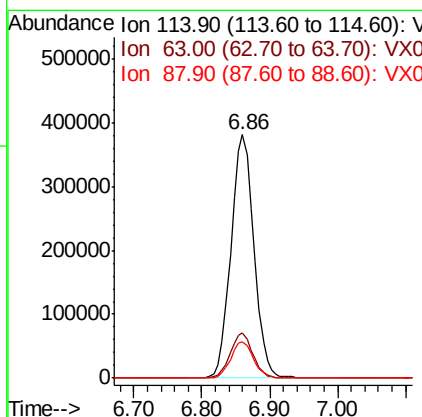
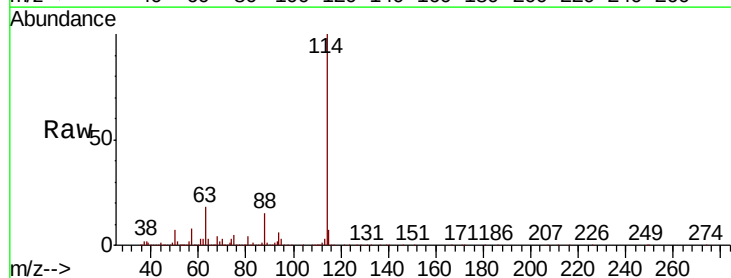
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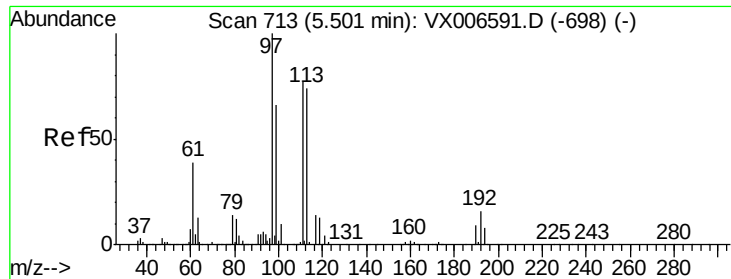
MMDadoda  
 12/26/2018 9:57:57 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX006806.D  
 Acq: 24 Dec 2018 20:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 18.4  | 0.0   | 34.8  |
| 88      | 15.1  | 0.0   | 28.8  |





#35

Dibromofluoromethane

Concen: 51.966 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

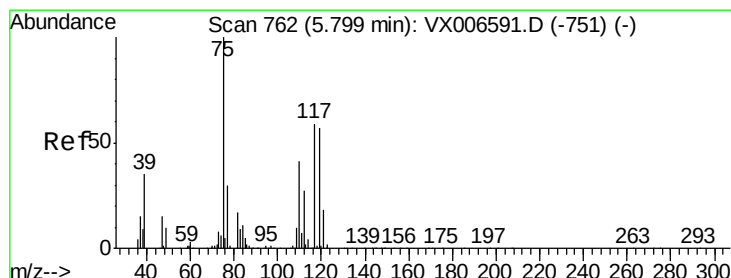
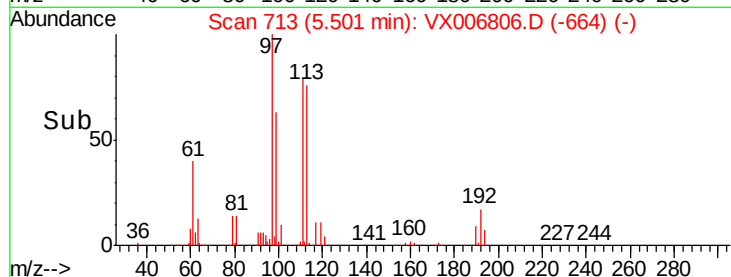
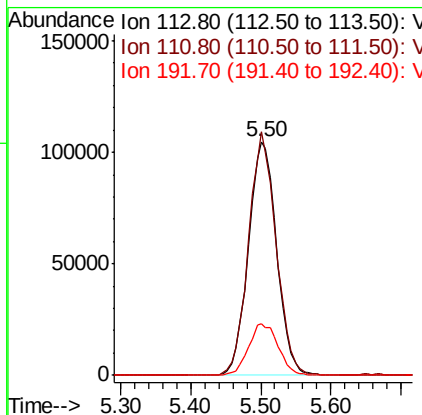
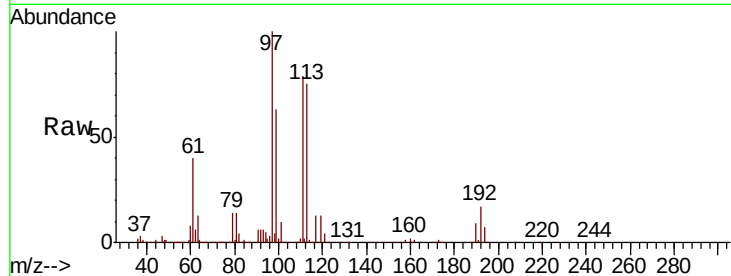
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 293165 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 101.4 | 81.6  | 122.4  |
| 192       | 23.3  | 16.7  | 25.1   |

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#36

1,1-Dichloropropene

Concen: 49.284 ug/l

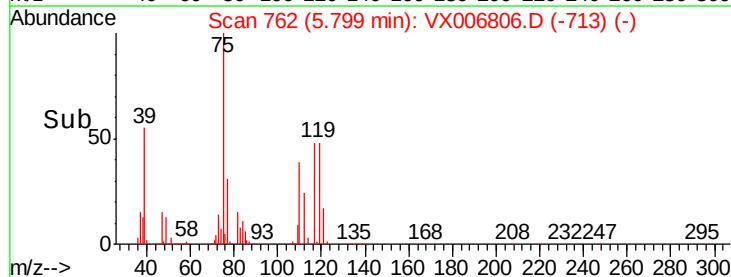
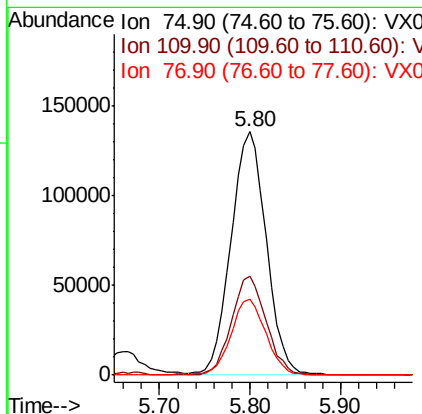
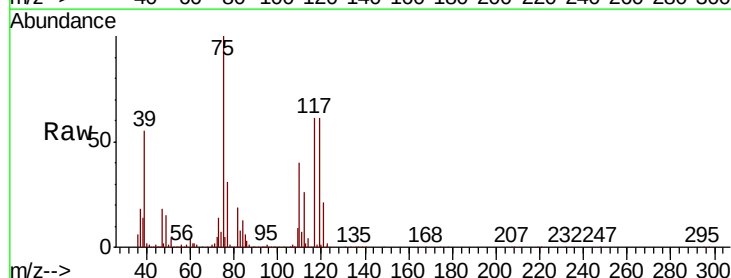
RT: 5.80 min Scan# 762

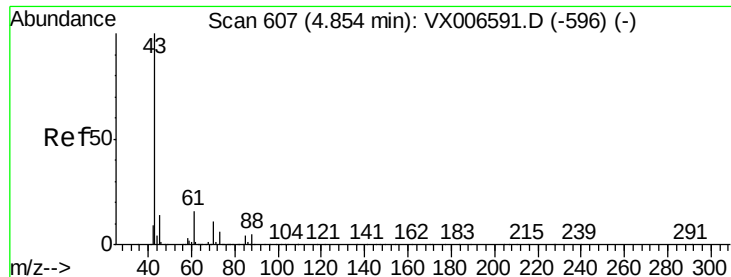
Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 364136 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 40.1  | 20.2  | 60.5   |
| 77        | 31.3  | 24.8  | 37.2   |





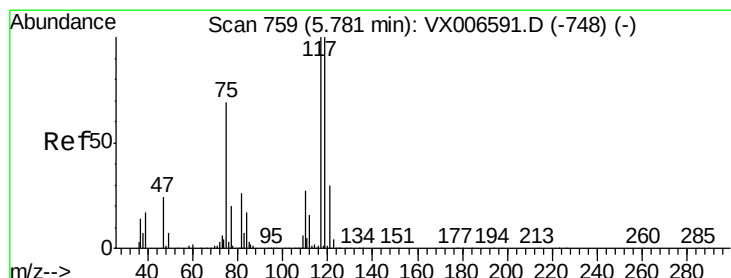
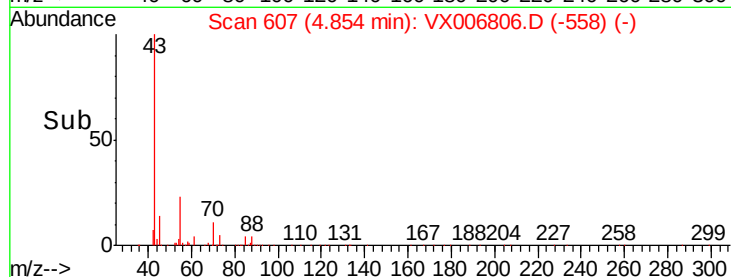
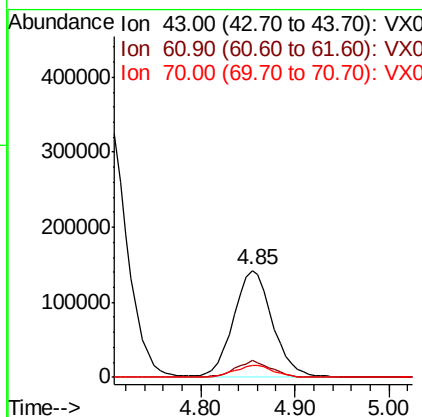
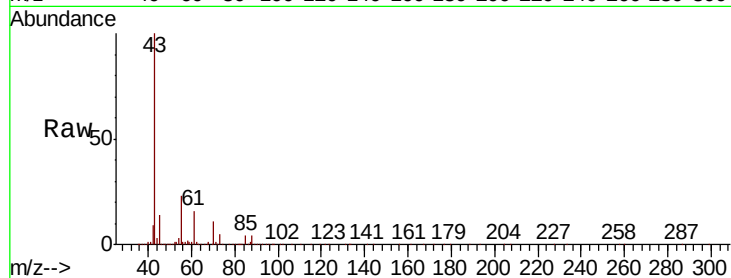
#37  
Ethyl Acetate  
Concen: 52.624 ug/l  
RT: 4.85 min Scan# 607  
Delta R.T. -0.00 min  
Lab File: VX006806.D  
Acq: 24 Dec 2018 20:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.6  | 11.9  | 17.9  |
| 70      | 11.2  | 9.7   | 14.5  |

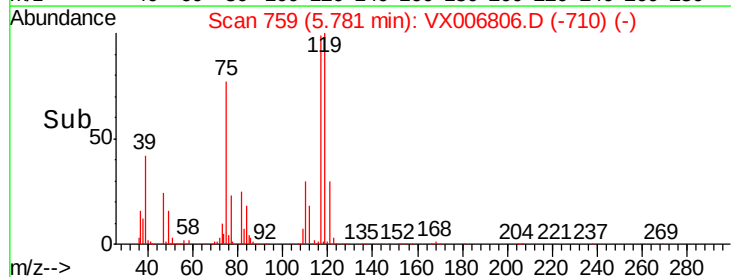
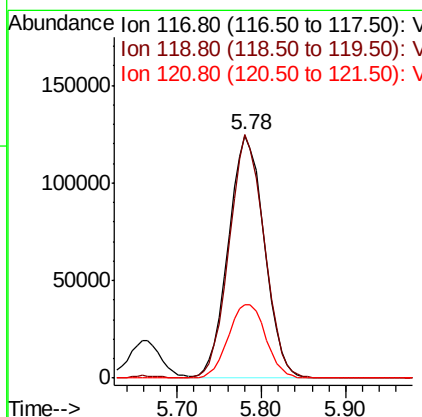
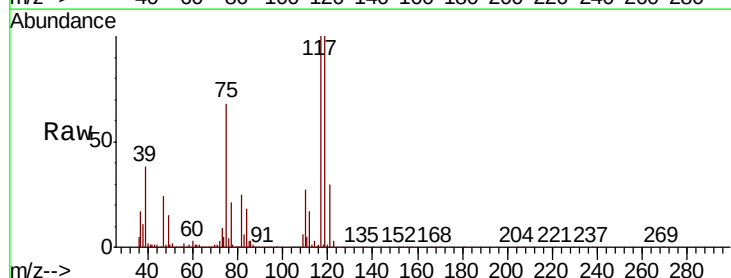
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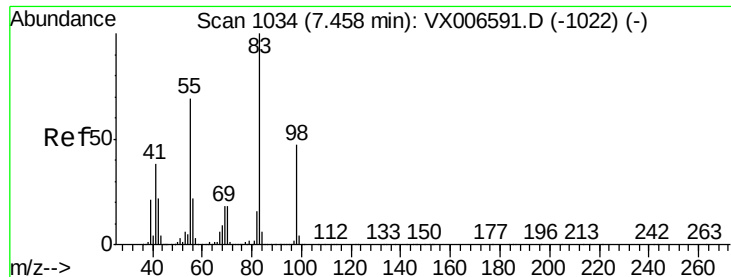


#38  
Carbon Tetrachloride  
Concen: 50.195 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. -0.00 min  
Lab File: VX006806.D  
Acq: 24 Dec 2018 20:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 100.3 | 79.4  | 119.2 |
| 121     | 30.0  | 24.0  | 36.0  |







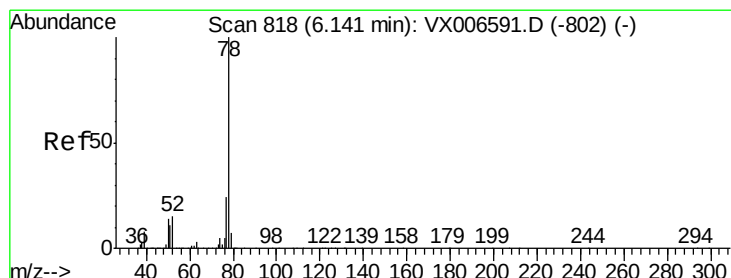
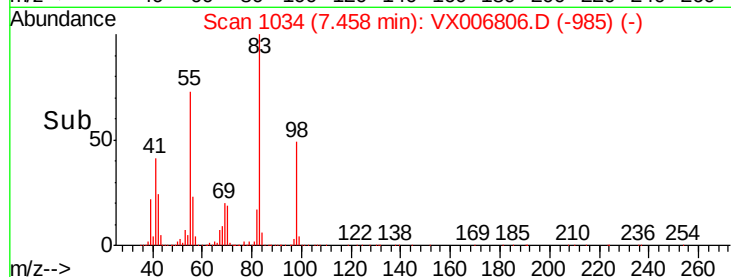
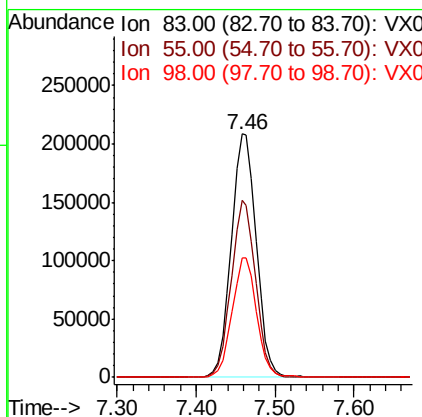
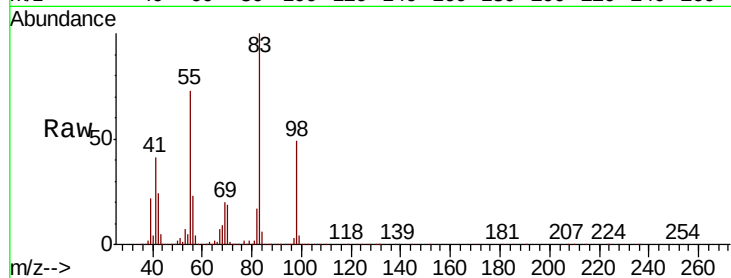
#39  
Methylvlcyclohexane  
Concen: 47.376 ug/l  
RT: 7.46 min Scan# 1034  
Delta R.T. -0.00 min  
Lab File: VX006806.D  
Acq: 24 Dec 2018 20:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 72.6  | 54.9  | 82.3  |
| 98      | 48.8  | 37.9  | 56.9  |

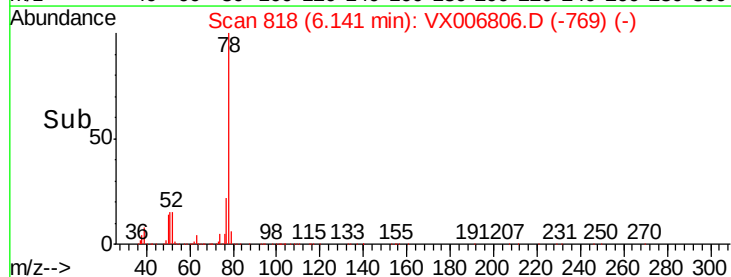
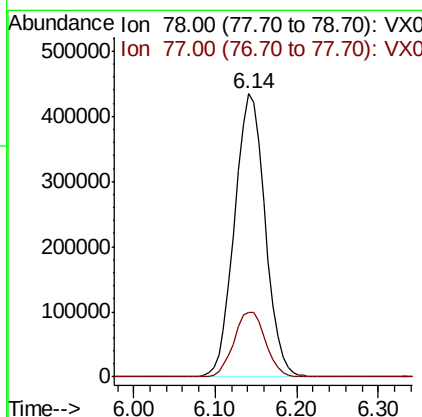
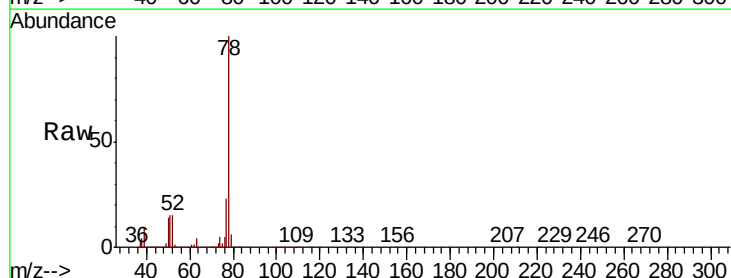
Manual Integrations  
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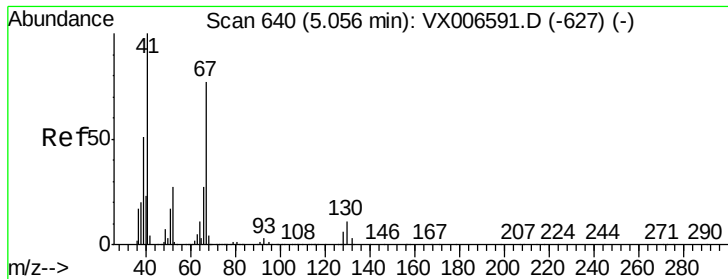
MMDadoda  
12/26/2018 9:57:57 AM



#40  
Benzene  
Concen: 50.324 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: VX006806.D  
Acq: 24 Dec 2018 20:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 22.6  | 19.2  | 28.8  |





#41

Methacrylonitrile

Concen: 56.303 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

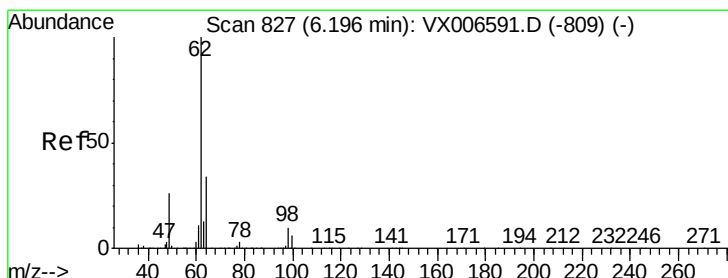
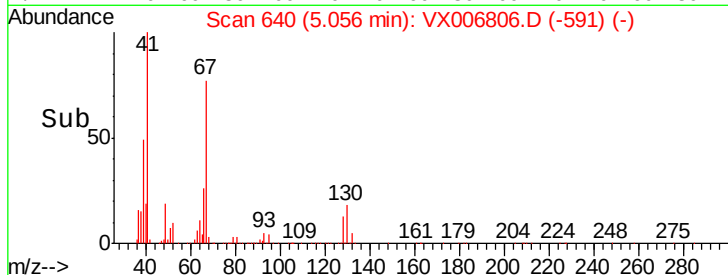
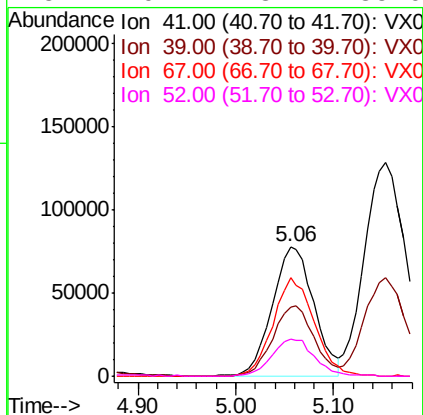
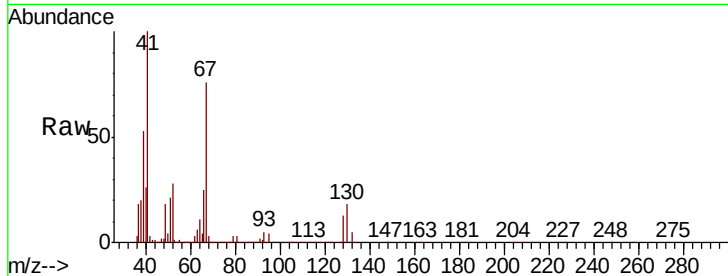
ClientSampleId :

VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 53.9  | 42.8  | 64.2  |
| 67      | 75.0  | 62.1  | 93.1  |
| 52      | 29.2  | 23.4  | 35.0  |

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#42

1,2-Dichloroethane

Concen: 49.882 ug/l

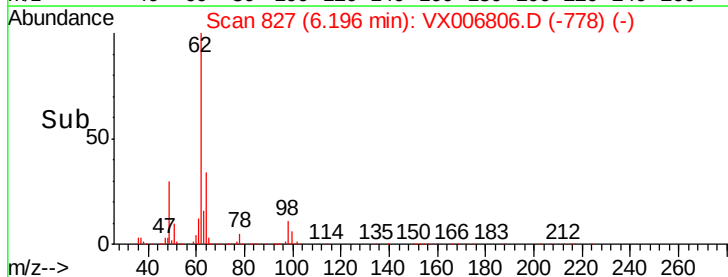
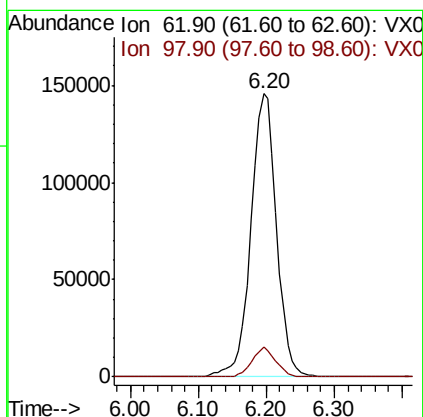
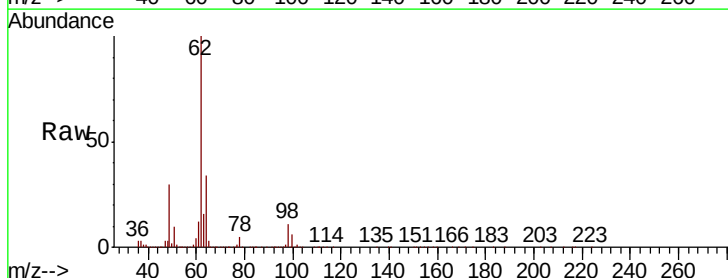
RT: 6.20 min Scan# 827

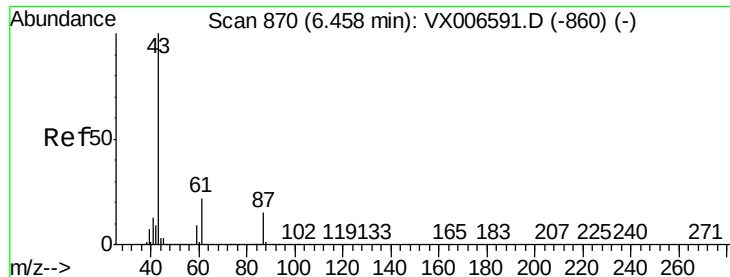
Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 9.8   | 0.0   | 20.2  |





#43

Isopropyl Acetate

Concen: 56.845 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

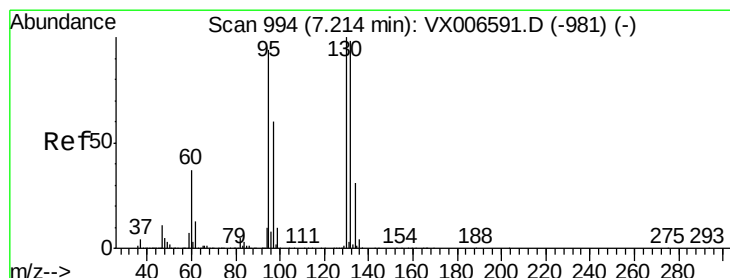
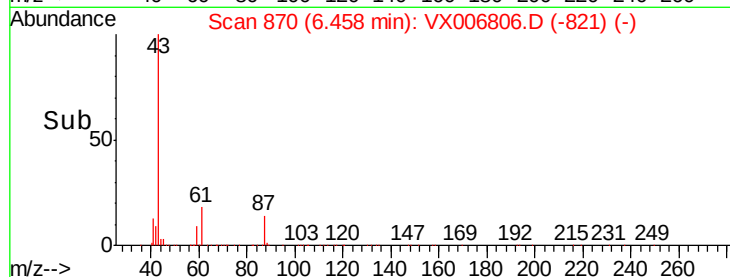
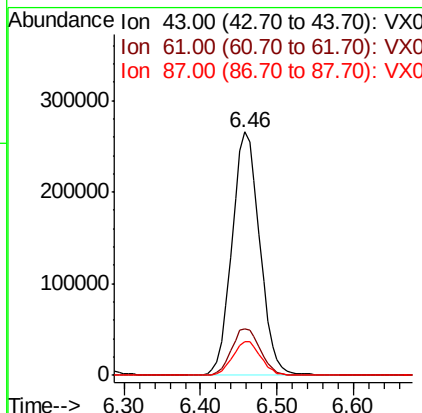
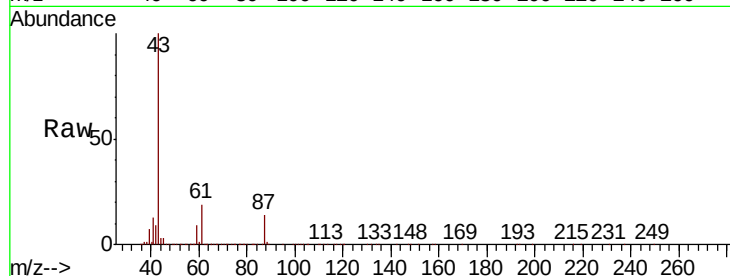
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 665137 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 20.0  | 16.8  | 25.2   |
| 87       | 14.3  | 12.4  | 18.6   |

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#44

Trichloroethene

Concen: 48.636 ug/l

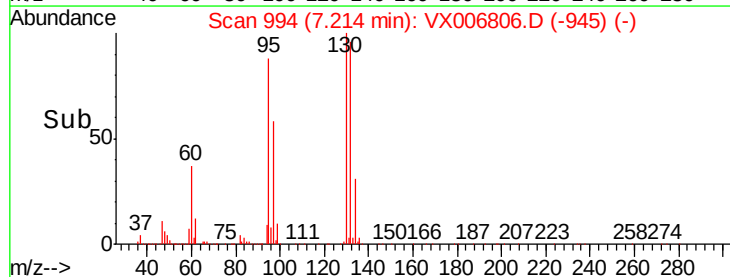
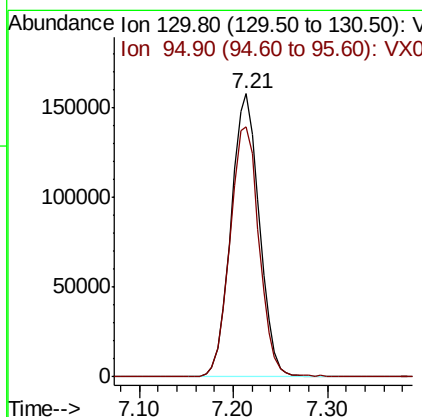
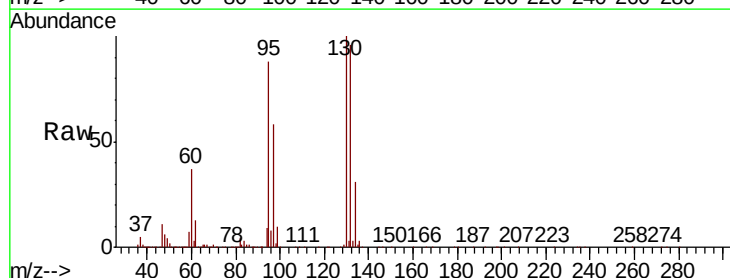
RT: 7.21 min Scan# 994

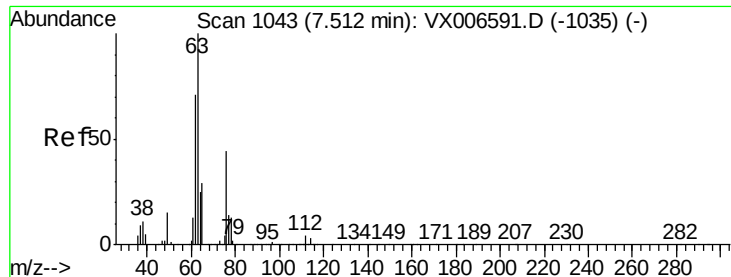
Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 330607 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 88.2  | 0.0   | 187.0  |





#45

1,2-Dichloropropane

Concen: 52.849 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 288837

Ion Ratio Lower Upper

63 100

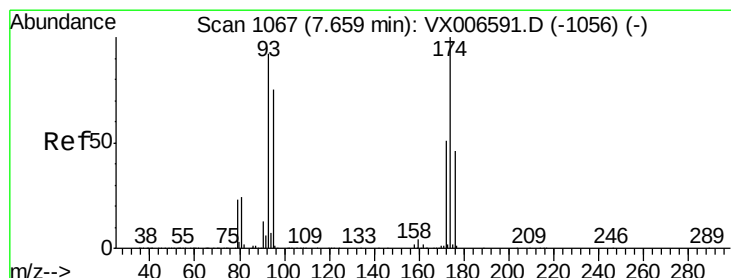
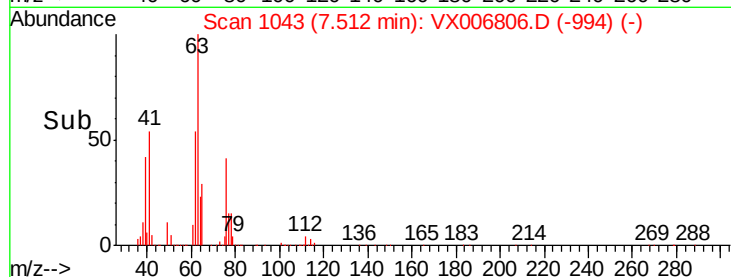
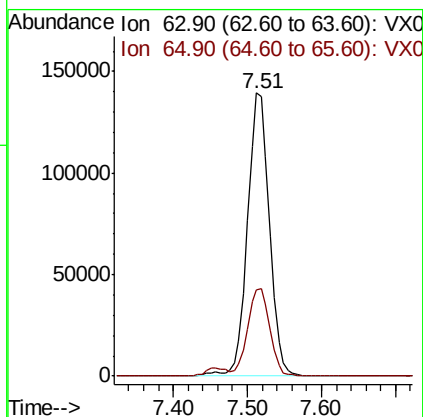
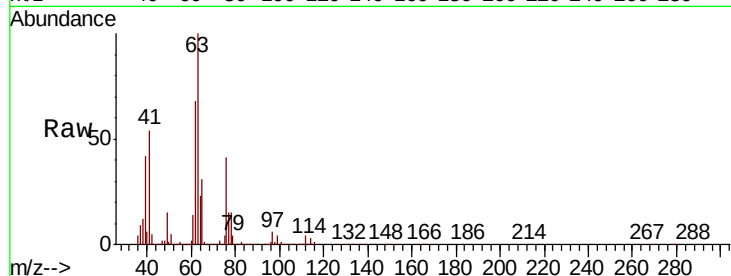
65 30.5 25.4 38.0

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#46

Dibromomethane

Concen: 49.980 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

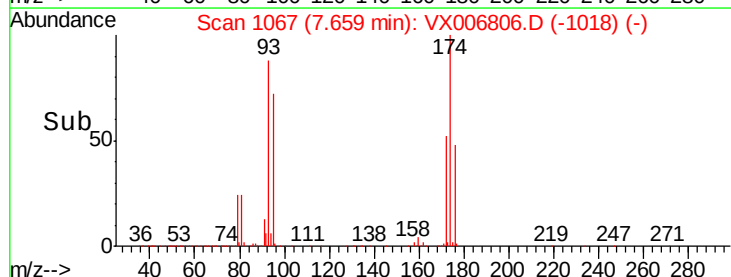
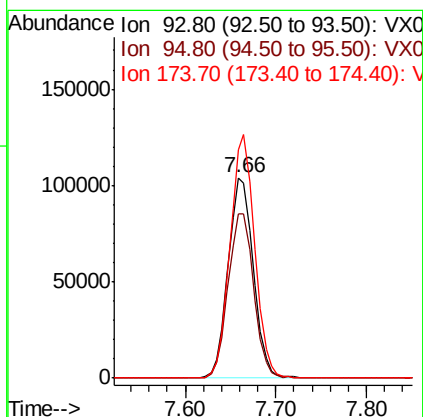
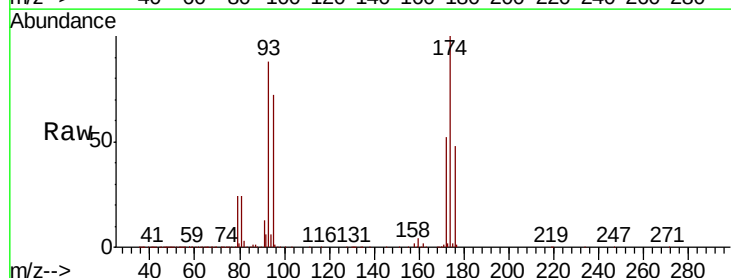
Tgt Ion: 93 Resp: 200921

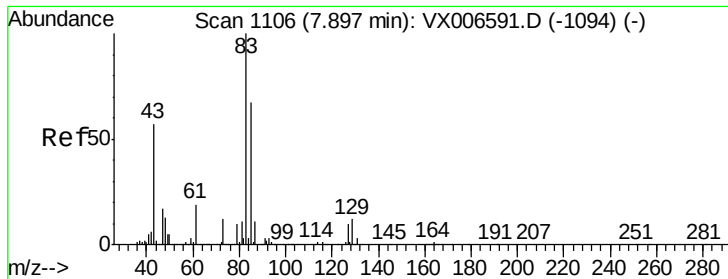
Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

174 118.5 91.0 136.4





#47

Bromodichloromethane

Concen: 52.702 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

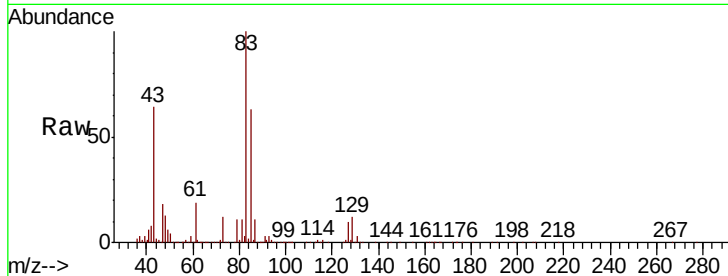
ClientSampleId :

VSTDCCC050EC

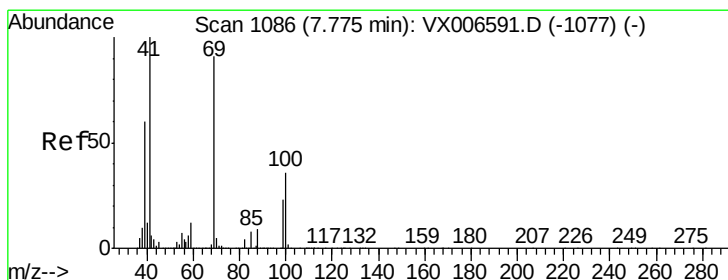
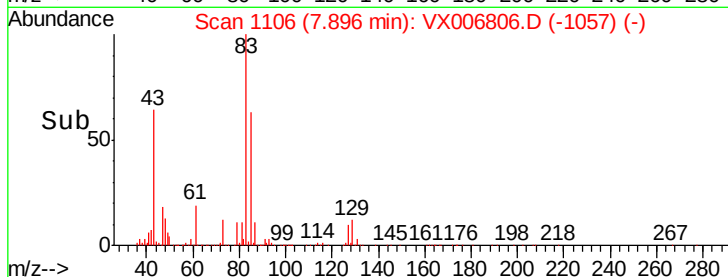
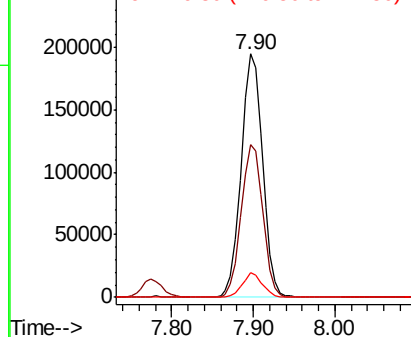
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 351745 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 62.8  | 53.2  | 79.8   |
| 127      | 10.1  | 7.8   | 11.6   |

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Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 84.90 (84.60 to 85.60): VX0  
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 56.663 ug/l

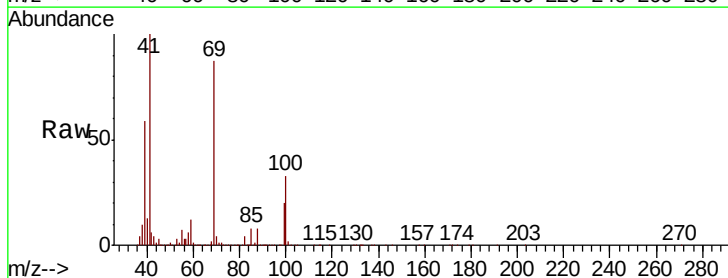
RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

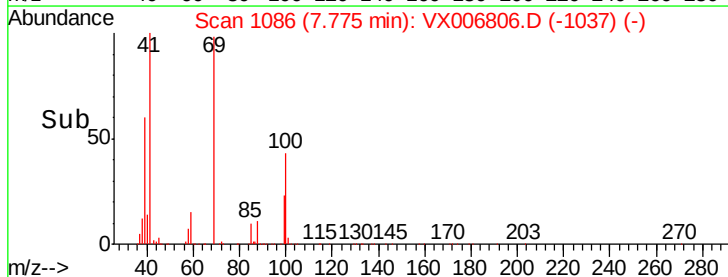
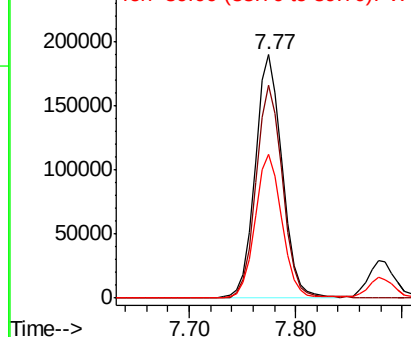
Lab File: VX006806.D

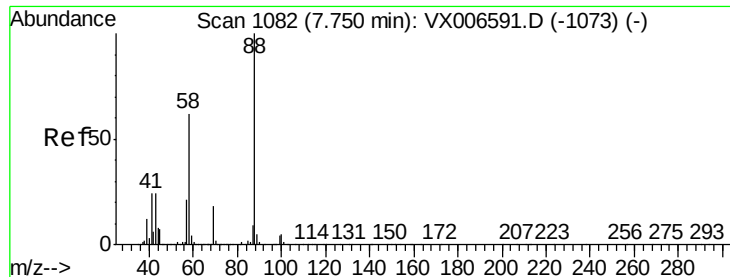
Acq: 24 Dec 2018 20:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 337162 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 86.8  | 72.4  | 108.6  |
| 39       | 58.8  | 45.8  | 68.8   |



Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 916.117 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

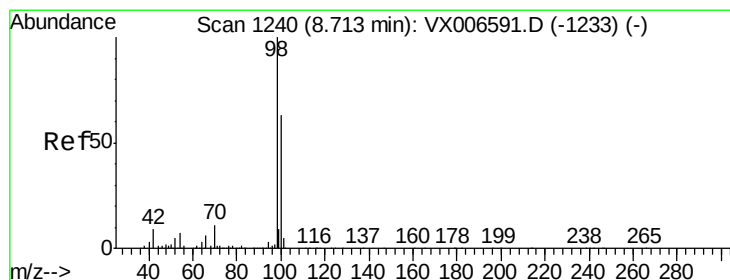
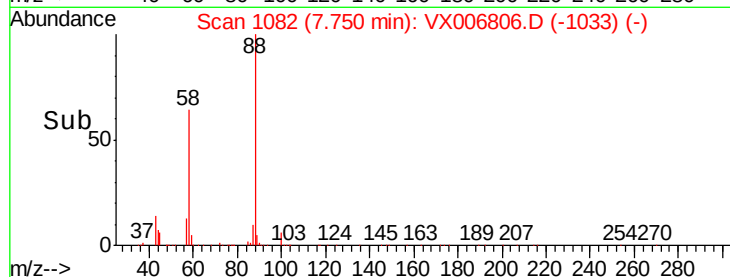
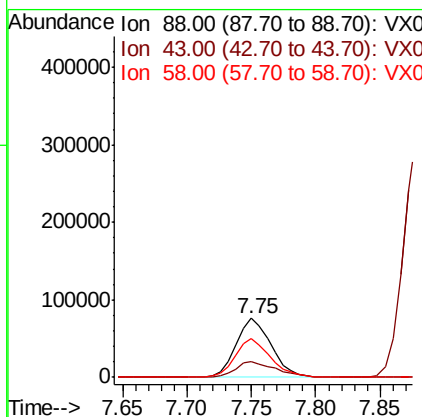
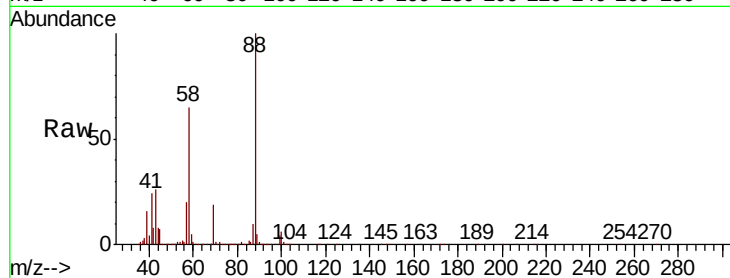
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 88    | Resp: | 142886 |
| Ion      | Ratio | Lower | Upper  |
| 88       | 100   |       |        |
| 43       | 30.8  | 22.2  | 33.4   |
| 58       | 66.4  | 51.0  | 76.4   |

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#50

Toluene-d8

Concen: 51.410 ug/l

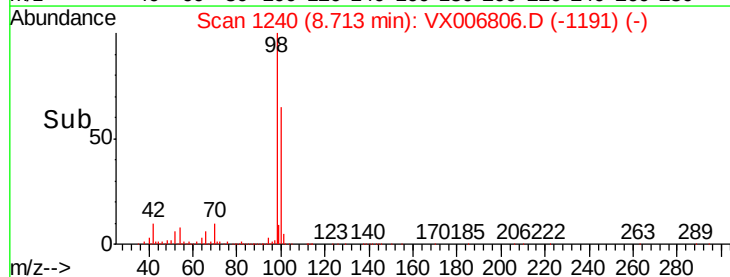
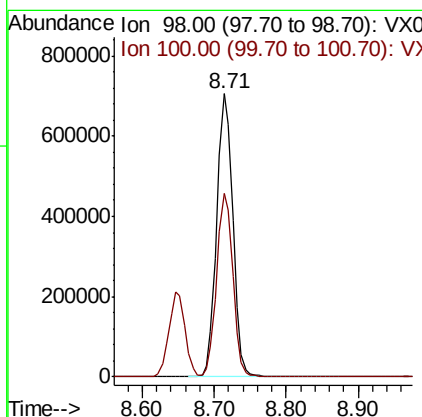
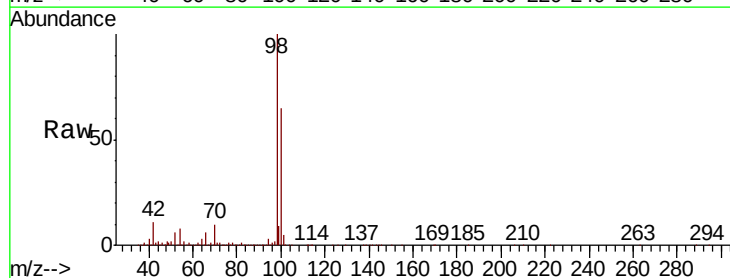
RT: 8.71 min Scan# 1240

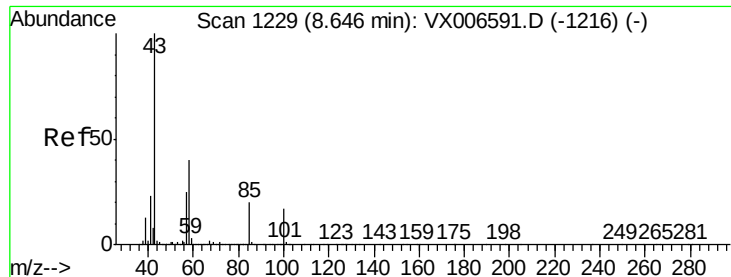
Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 98    | Resp: | 1093408 |
| Ion      | Ratio | Lower | Upper   |
| 98       | 100   |       |         |
| 100      | 65.1  | 52.0  | 78.0    |





#51

4-Methyl-2-Pentanone

Concen: 275.783 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2053197

Ion Ratio Lower Upper

43 100

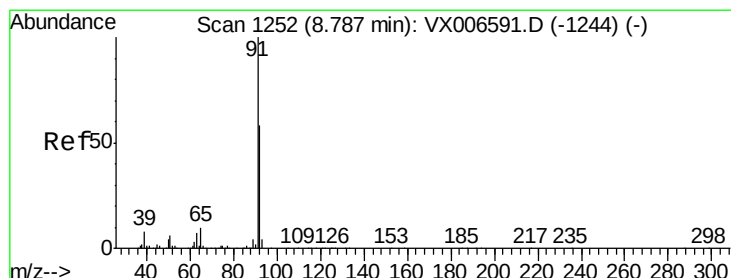
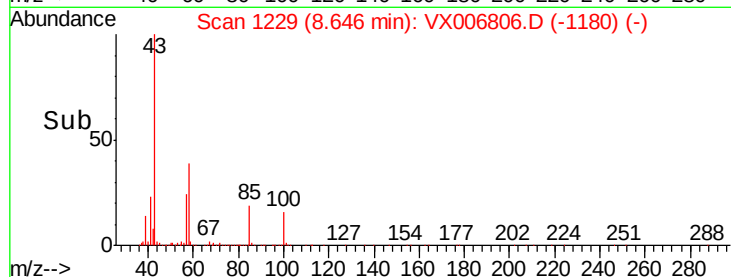
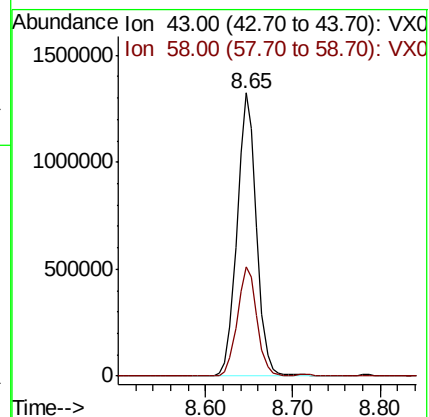
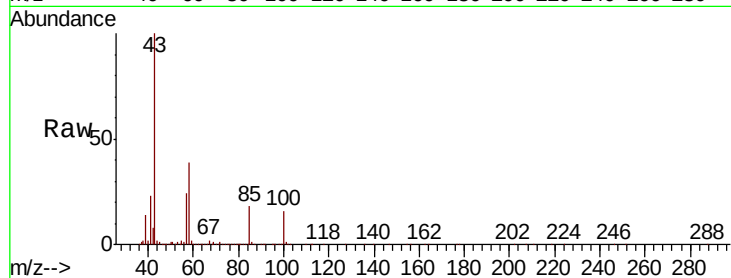
58 38.8 31.8 47.6

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#52

Toluene

Concen: 51.322 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006806.D

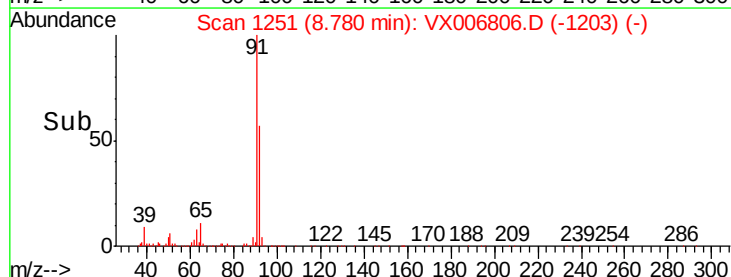
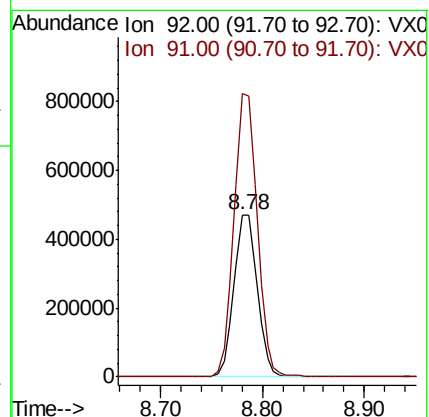
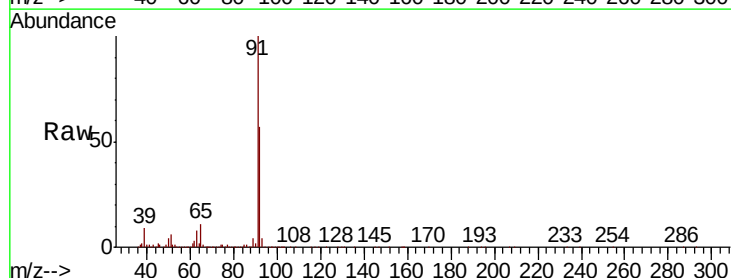
Acq: 24 Dec 2018 20:11

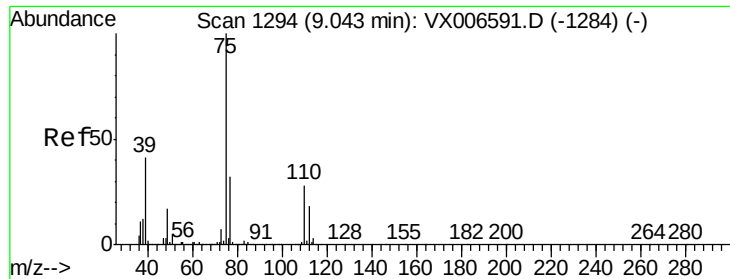
Tgt Ion: 92 Resp: 744649

Ion Ratio Lower Upper

92 100

91 174.3 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 54.746 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 391871

Ion Ratio Lower Upper

75 100

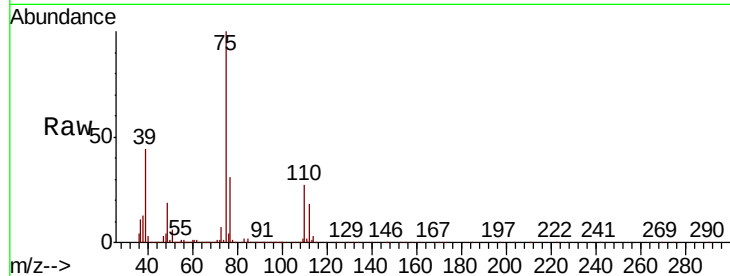
77 30.9 25.4 38.0

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

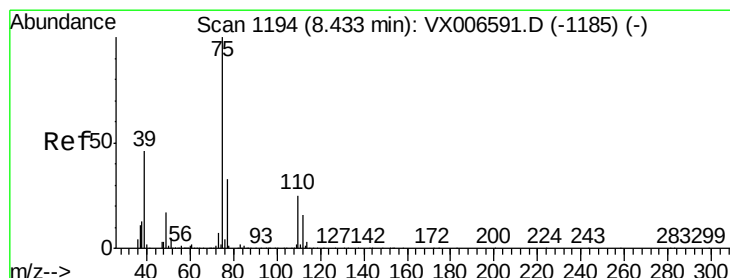
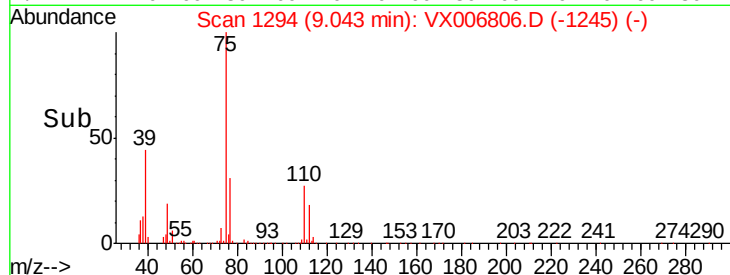
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 54.649 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

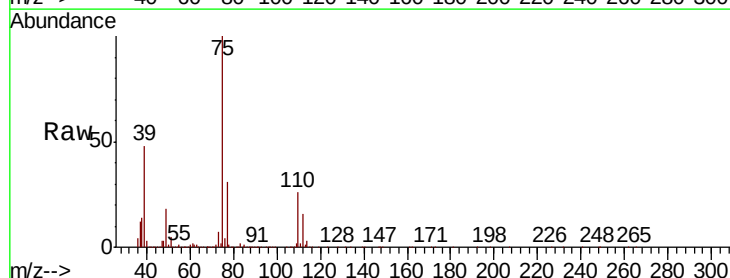
Tgt Ion: 75 Resp: 429222

Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.2

39 48.1 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

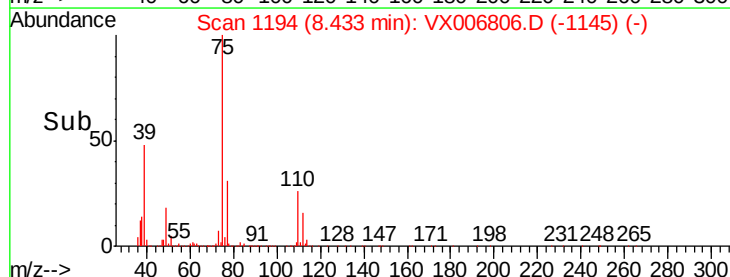
300000

200000

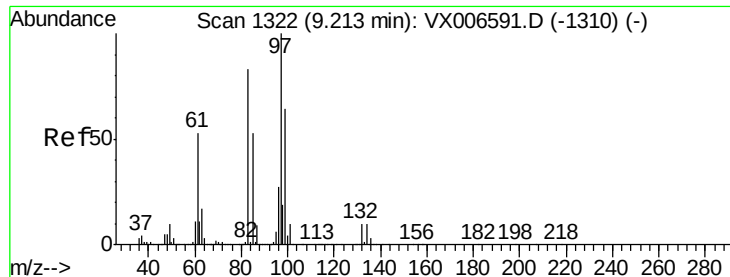
100000

0

Time-->







#55

1,1,2-Trichloroethane

Concen: 51.670 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

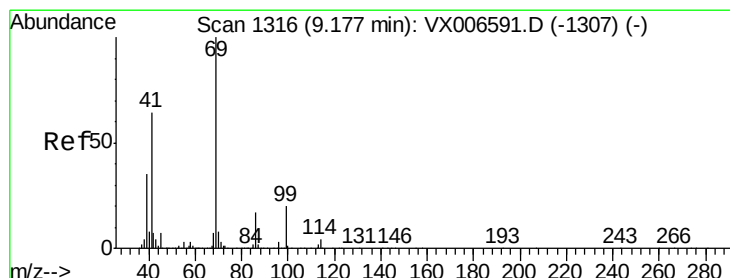
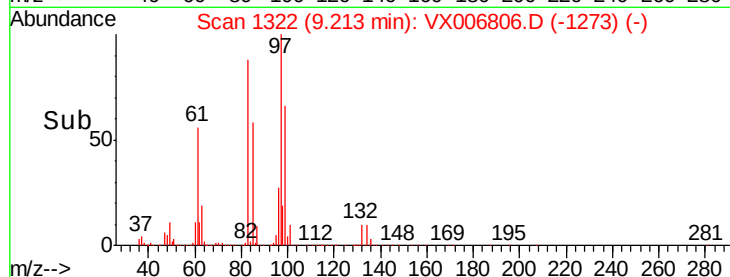
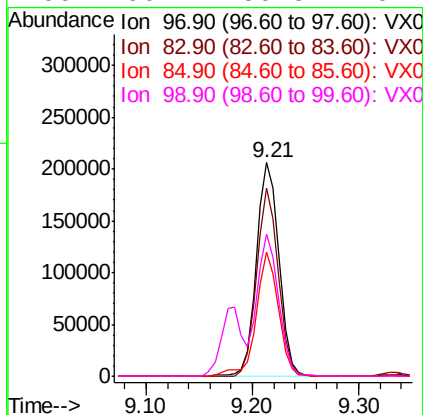
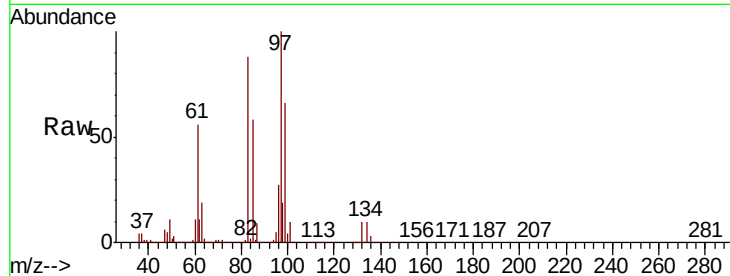
ClientSampleId :

VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 306865 |       |       |
| 83      | 88.0 | 66.6  | 99.8   |       |       |
| 85      | 57.9 | 42.7  | 64.1   |       |       |
| 99      | 66.2 | 50.8  | 76.2   |       |       |

Manual Integrations  
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MMDadoda  
12/26/2018 9:57:57 AM



#56

Ethyl methacrylate

Concen: 54.914 ug/l

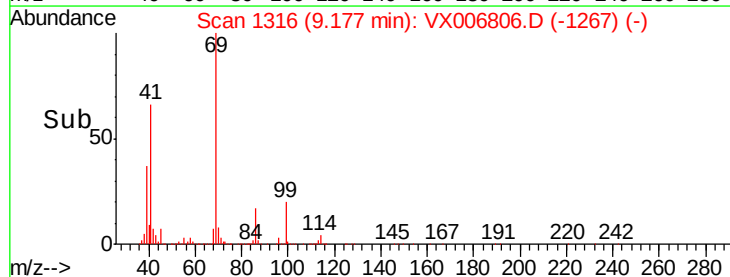
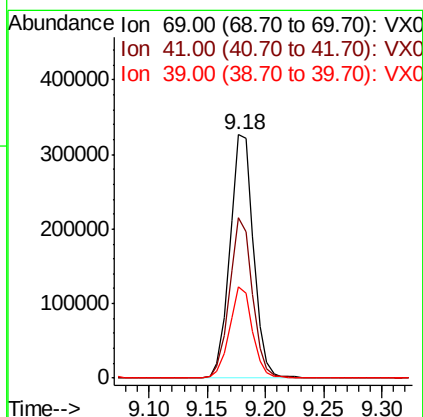
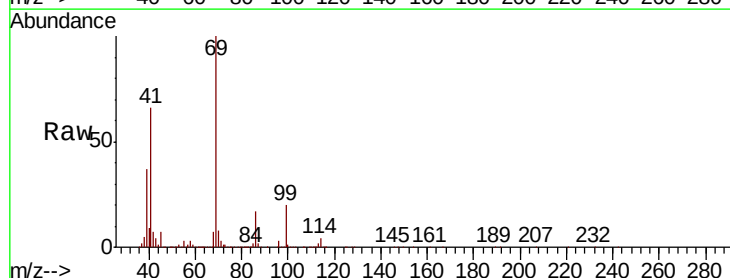
RT: 9.18 min Scan# 1316

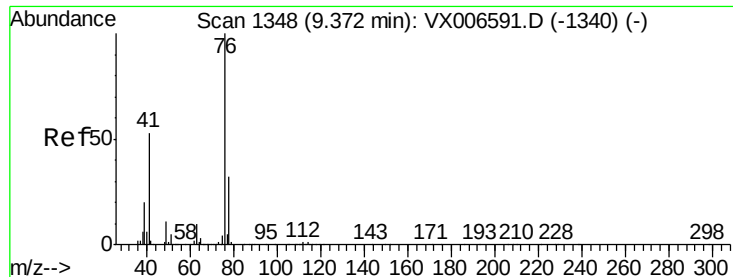
Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 460946 |       |       |
| 41      | 64.1 | 48.7  | 73.1   |       |       |
| 39      | 36.3 | 27.0  | 40.6   |       |       |





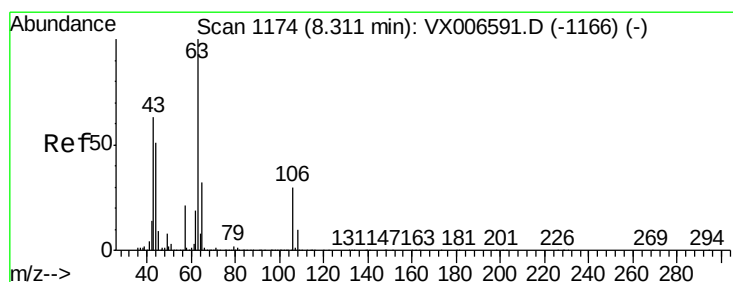
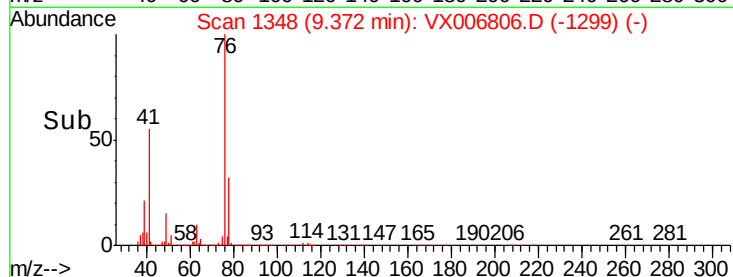
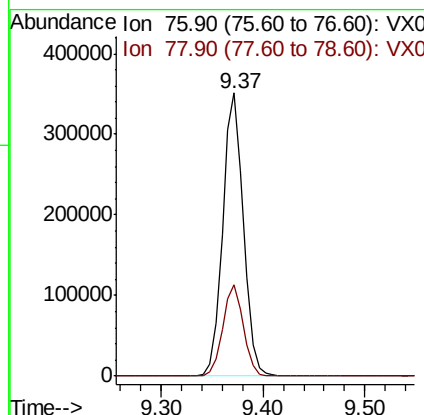
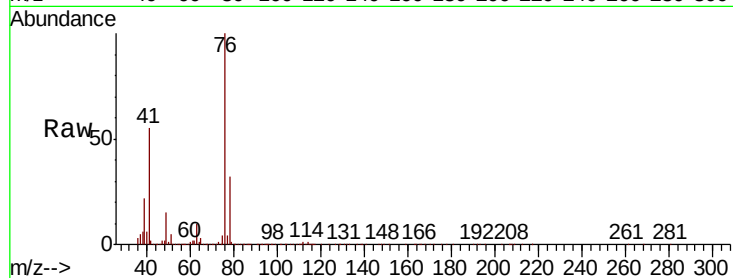
#57  
 1,3-Dichloropropane  
 Concen: 51.649 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. -0.00 min  
 Lab File: VX006806.D  
 Acq: 24 Dec 2018 20:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.4  | 26.0  | 39.0  |

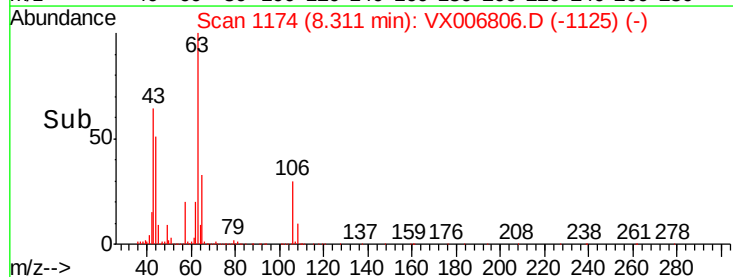
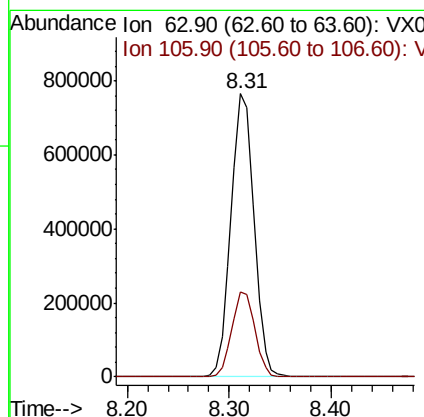
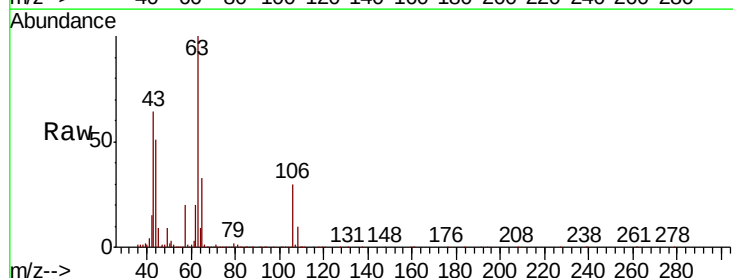
Manual Integrations  
 APPROVED

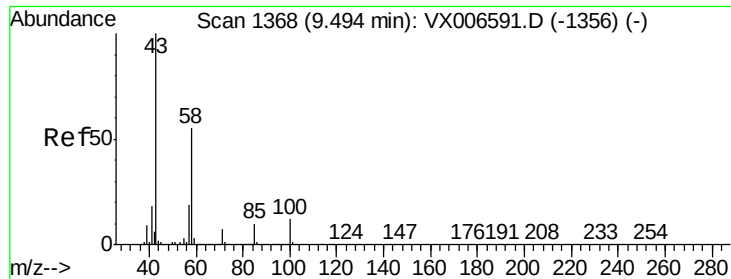
MMDadoda  
 12/26/2018 9:57:57 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 268.001 ug/l  
 RT: 8.31 min Scan# 1174  
 Delta R.T. -0.00 min  
 Lab File: VX006806.D  
 Acq: 24 Dec 2018 20:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 30.0  | 24.6  | 36.8  |





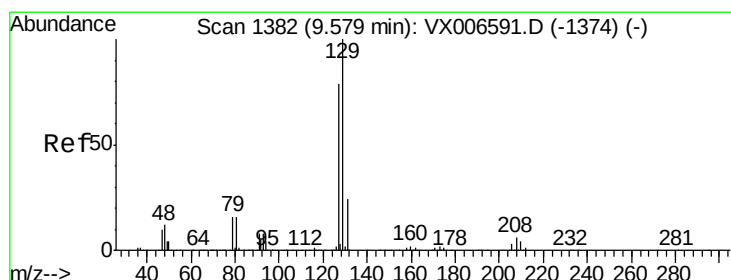
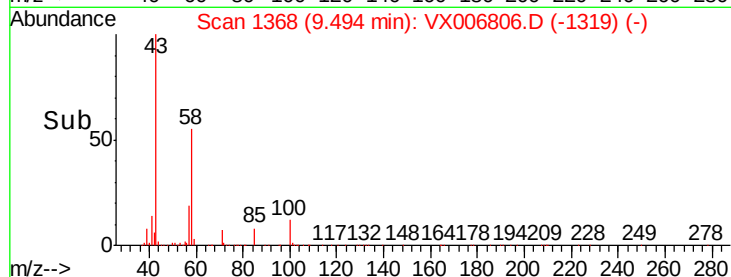
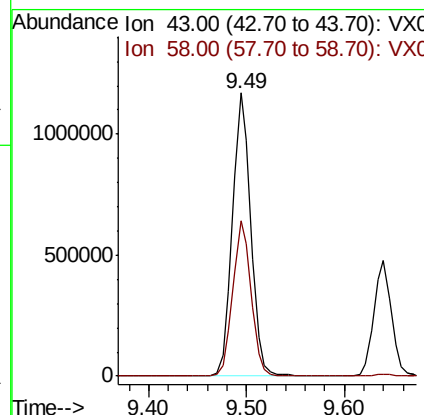
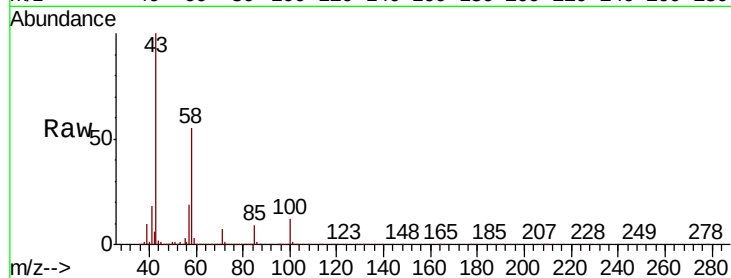
#59  
2-Hexanone  
Concen: 267.158 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. -0.00 min  
Lab File: VX006806.D  
Acq: 24 Dec 2018 20:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 1521808  
Ion Ratio Lower Upper  
43 100  
58 55.1 27.7 83.1

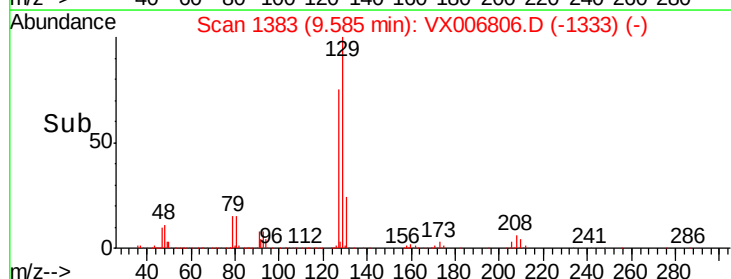
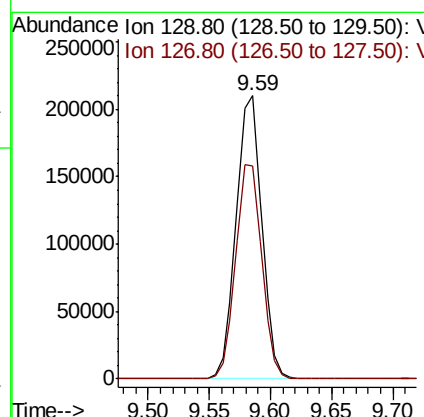
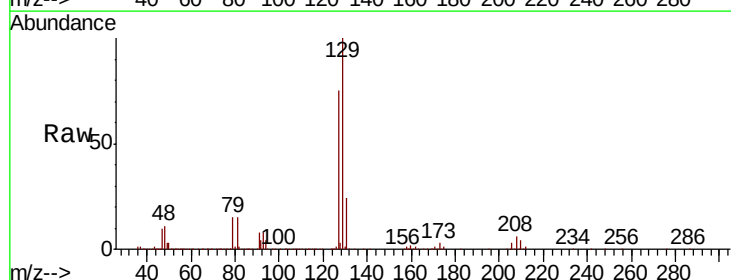
Manual Integrations  
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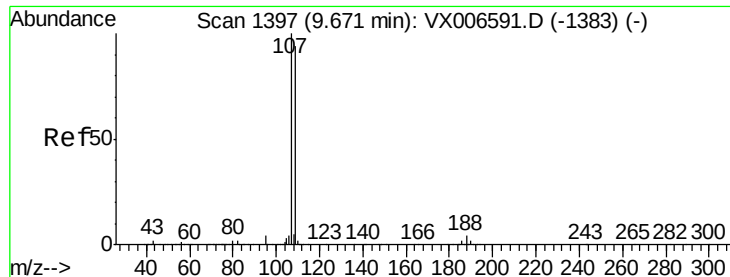
MMDadoda  
12/26/2018 9:57:57 AM



#60  
Dibromochloromethane  
Concen: 49.049 ug/l  
RT: 9.59 min Scan# 1383  
Delta R.T. 0.01 min  
Lab File: VX006806.D  
Acq: 24 Dec 2018 20:11

Tgt Ion: 129 Resp: 304380  
Ion Ratio Lower Upper  
129 100  
127 77.1 39.3 117.8





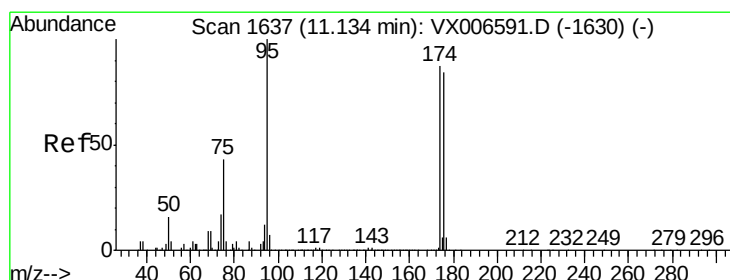
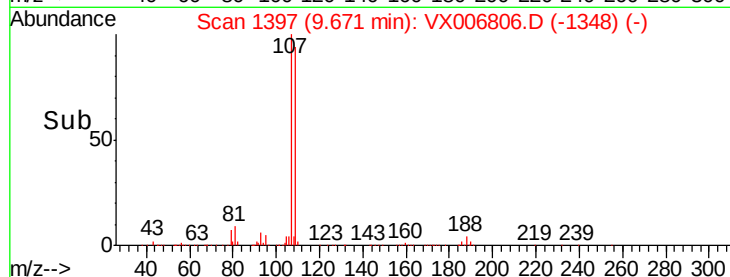
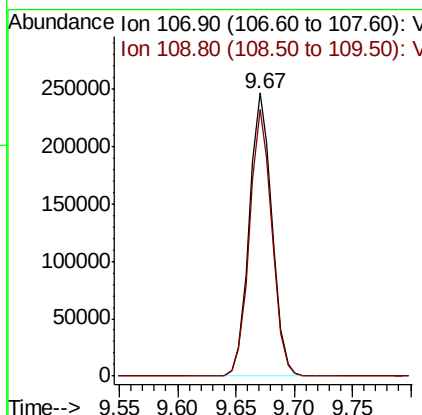
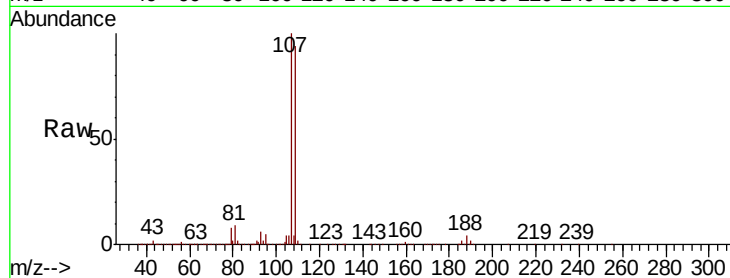
#61  
 1,2-Dibromoethane  
 Concen: 53.264 ug/l  
 RT: 9.67 min Scan# 1397  
 Delta R.T. -0.00 min  
 Lab File: VX006806.D  
 Acq: 24 Dec 2018 20:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 93.1  | 75.8  | 113.6 |

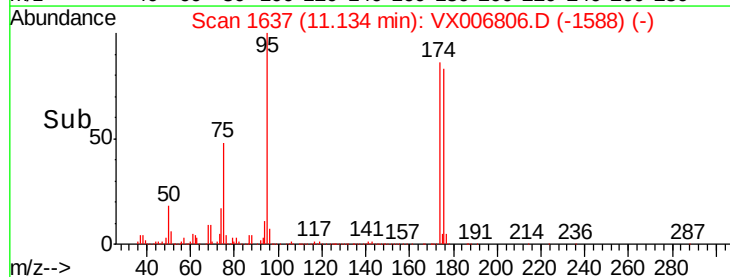
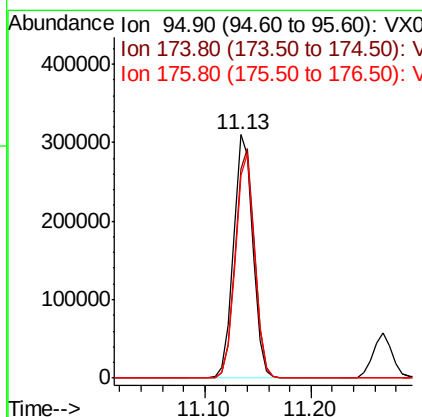
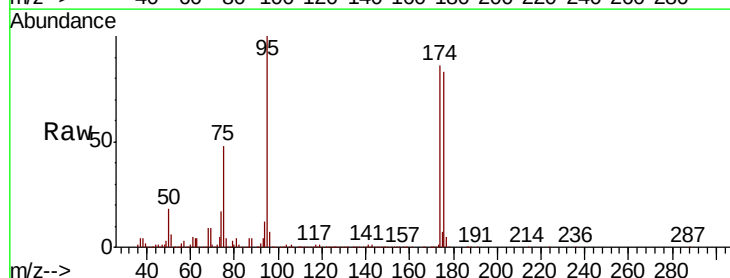
Manual Integrations  
 APPROVED

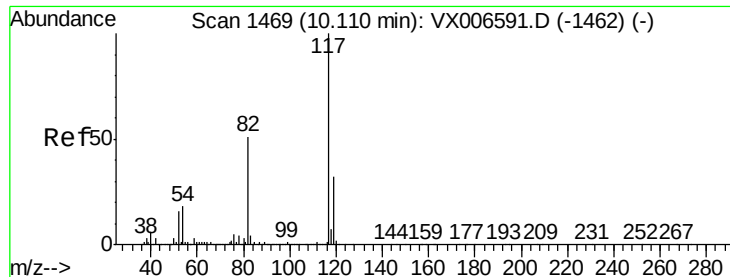
MMDadoda  
 12/26/2018 9:57:57 AM



#62  
 4-Bromofluorobenzene  
 Concen: 50.892 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. -0.00 min  
 Lab File: VX006806.D  
 Acq: 24 Dec 2018 20:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 93.9  | 0.0   | 182.2 |
| 176     | 91.3  | 0.0   | 178.8 |





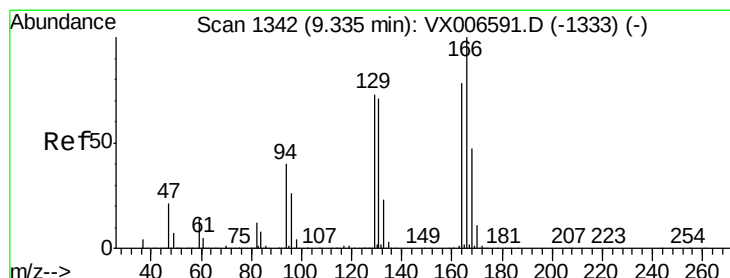
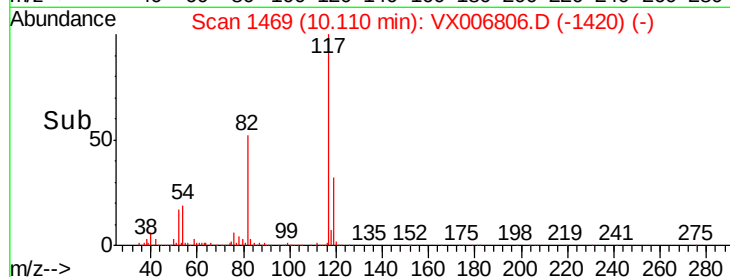
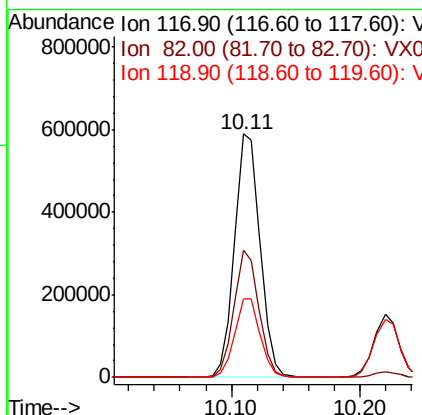
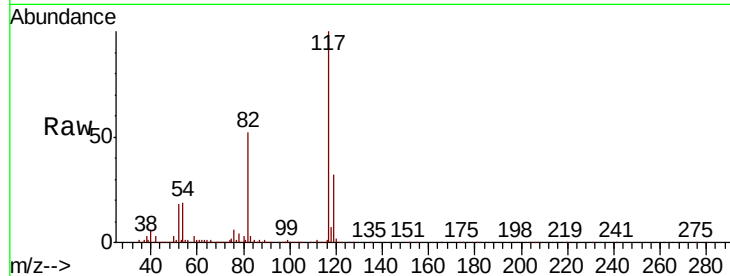
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX006806.D  
Acq: 24 Dec 2018 20:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.3  | 41.0  | 61.6  |
| 119     | 32.1  | 25.4  | 38.0  |

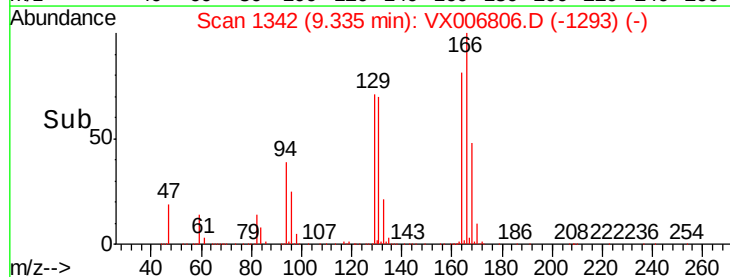
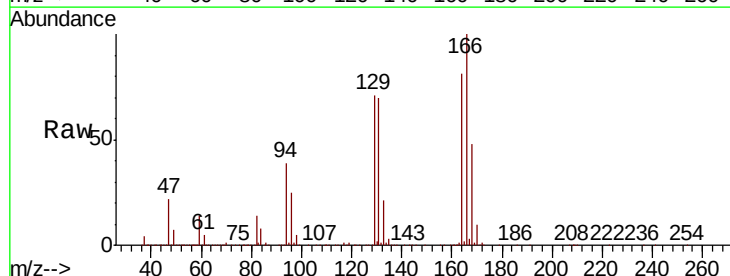
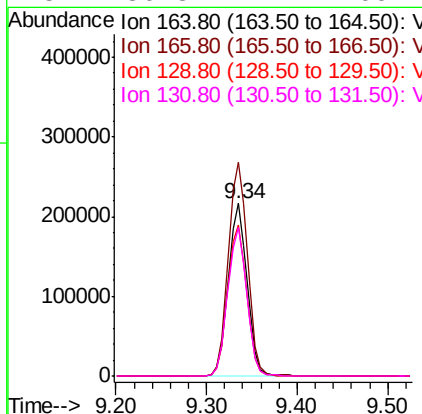
Manual Integrations  
APPROVED

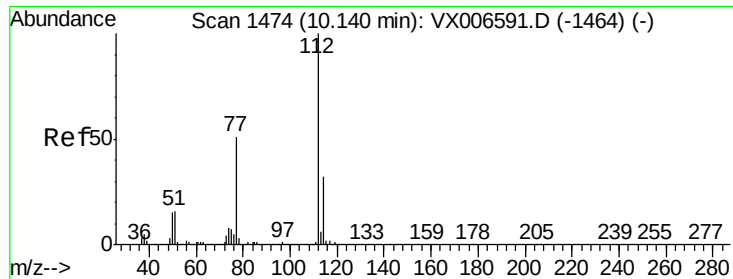
MMDadoda  
12/26/2018 9:57:57 AM



#64  
Tetrachloroethene  
Concen: 48.148 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX006806.D  
Acq: 24 Dec 2018 20:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 123.9 | 102.5 | 153.7 |
| 129     | 87.5  | 75.1  | 112.7 |
| 131     | 86.3  | 72.7  | 109.1 |





#65

Chlorobenzene

Concen: 49.559 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 857195

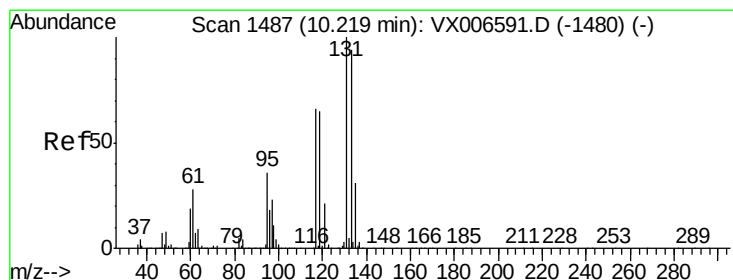
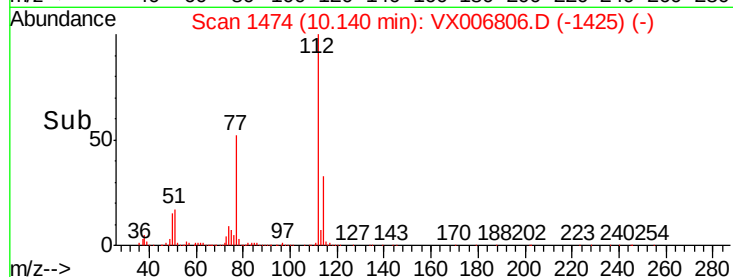
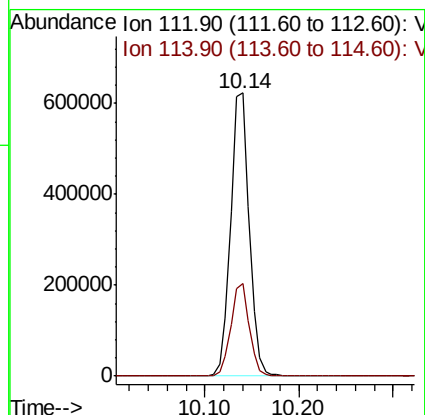
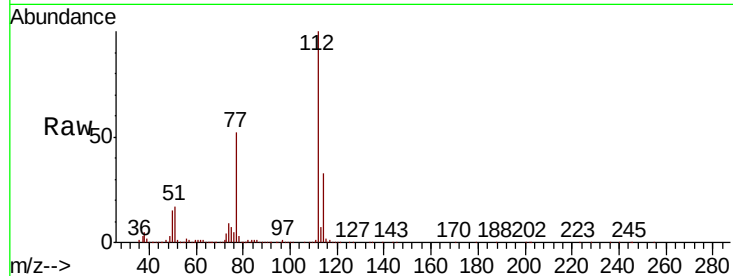
Ion Ratio Lower Upper

112 100

114 32.5 25.7 38.5

Manual Integrations  
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12/26/2018 9:57:57 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 55.681 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

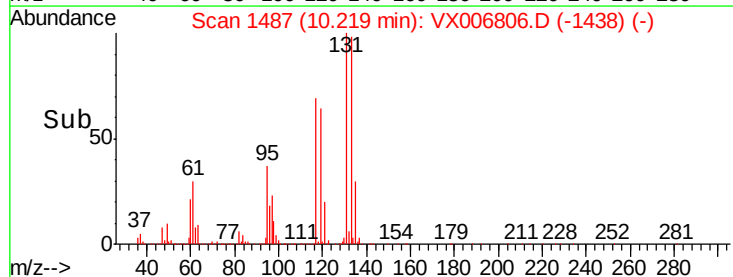
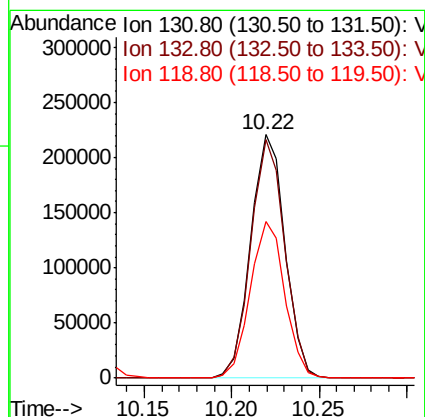
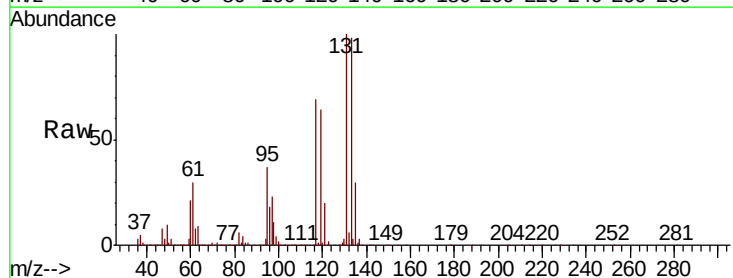
Tgt Ion:131 Resp: 300477

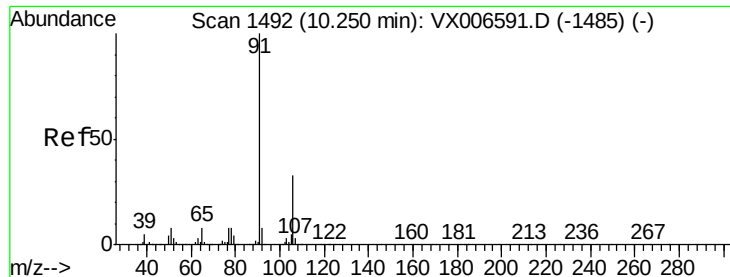
Ion Ratio Lower Upper

131 100

133 97.4 48.0 144.2

119 64.4 32.6 97.8





#67

Ethyl Benzene

Concen: 50.768 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1434880

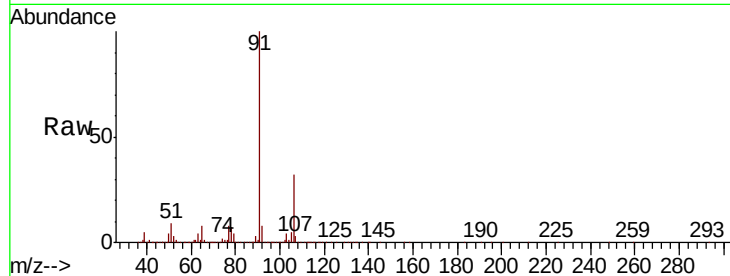
Ion Ratio Lower Upper

91 100

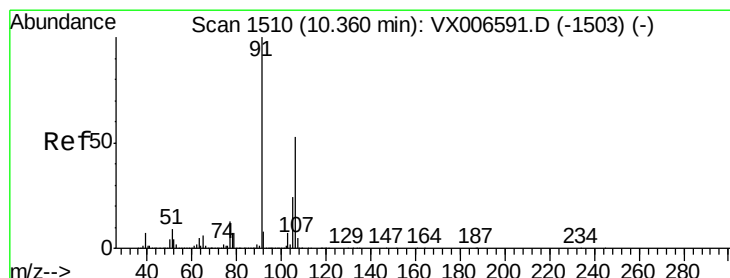
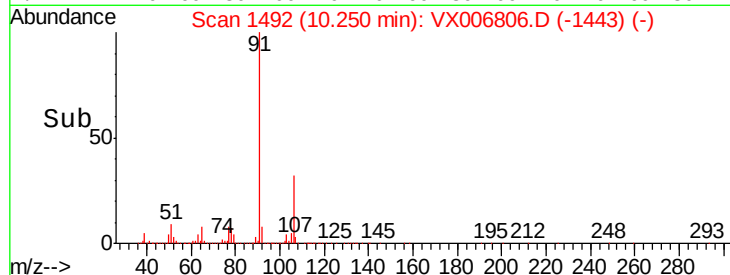
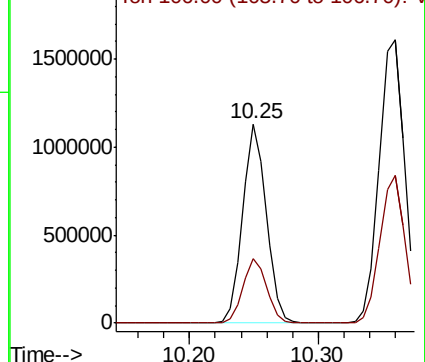
106 32.4 26.4 39.6

Manual Integrations  
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Abundance Ion 91.00 (90.70 to 91.70): VX006591.D (-1485) (-)



#68

m/p-Xylenes

Concen: 100.445 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006806.D

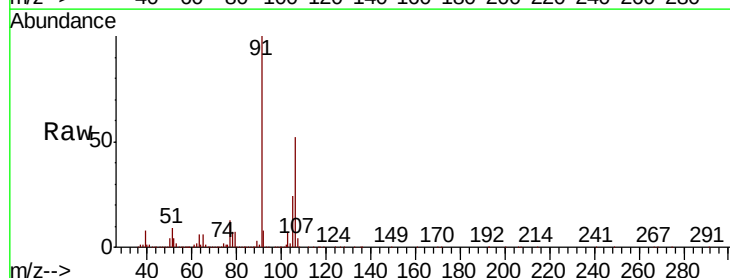
Acq: 24 Dec 2018 20:11

Tgt Ion: 106 Resp: 1120227

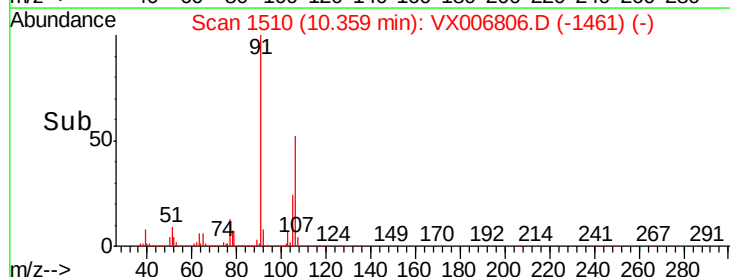
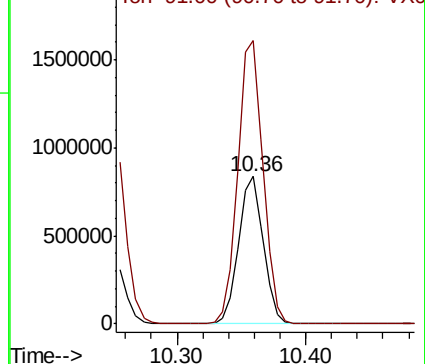
Ion Ratio Lower Upper

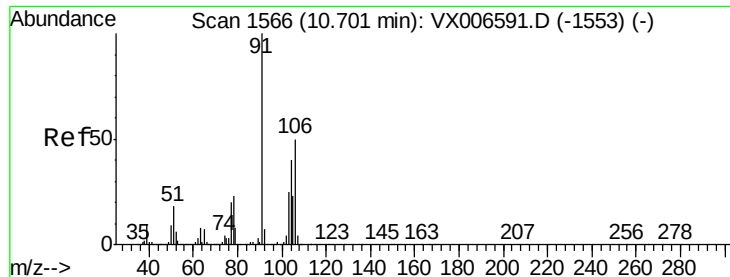
106 100

91 195.6 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): VX006591.D (-1503) (-)





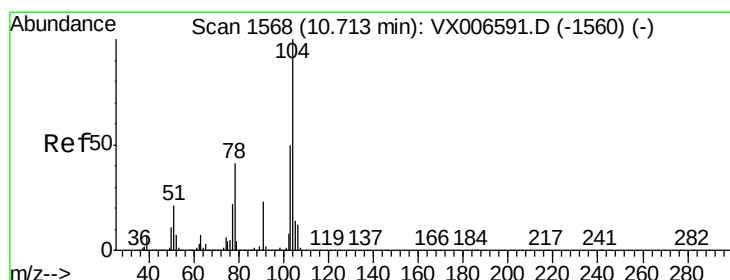
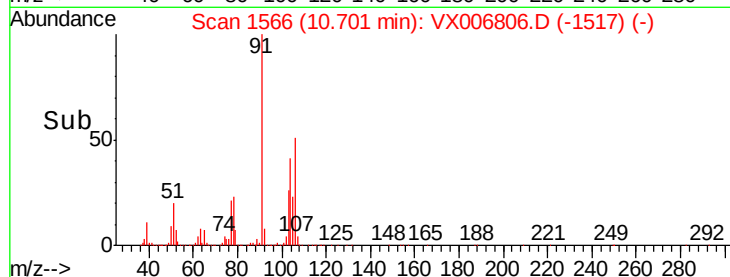
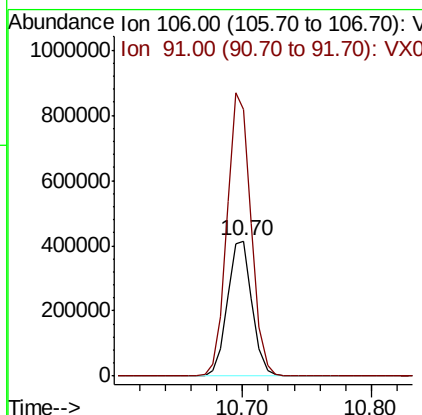
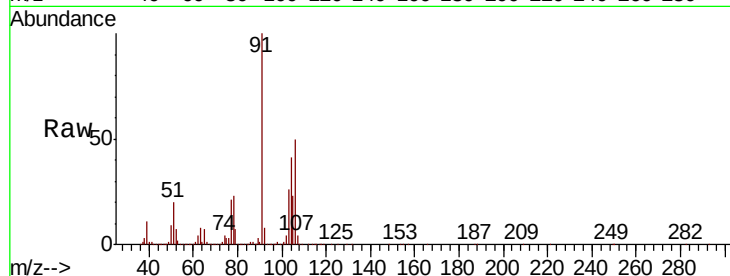
#69  
o-Xylene  
Concen: 50.449 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX006806.D  
Acq: 24 Dec 2018 20:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 204.8 | 101.3 | 303.7 |

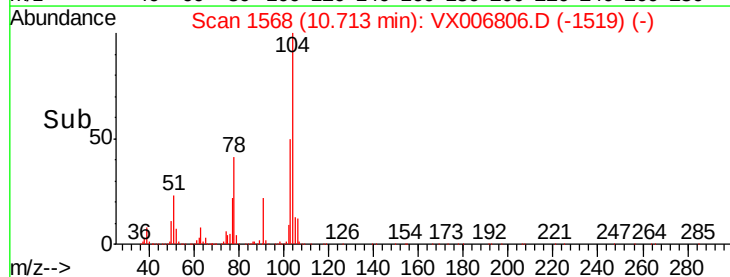
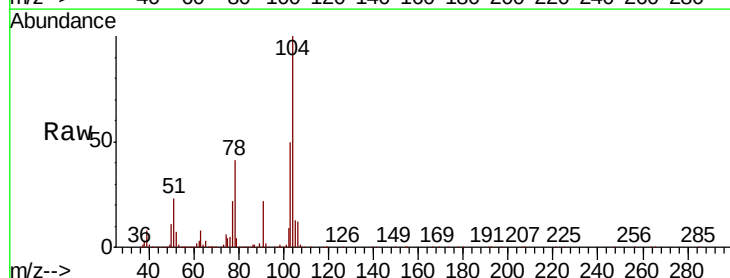
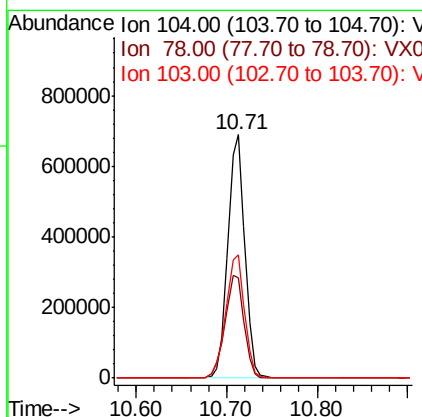
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12/26/2018 9:57:57 AM

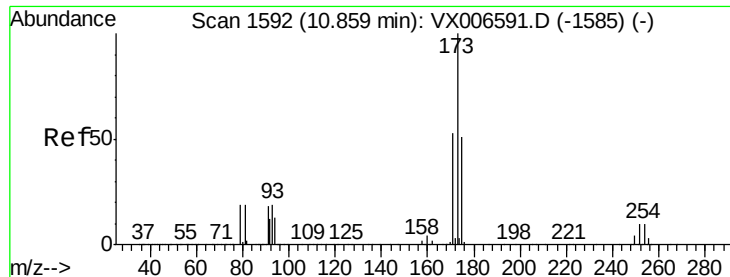


#70  
Styrene  
Concen: 51.370 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX006806.D  
Acq: 24 Dec 2018 20:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 47.6  | 37.7  | 56.5  |
| 103     | 55.8  | 43.8  | 65.8  |







#71

Bromoform

Concen: 45.330 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 218421

Ion Ratio Lower Upper

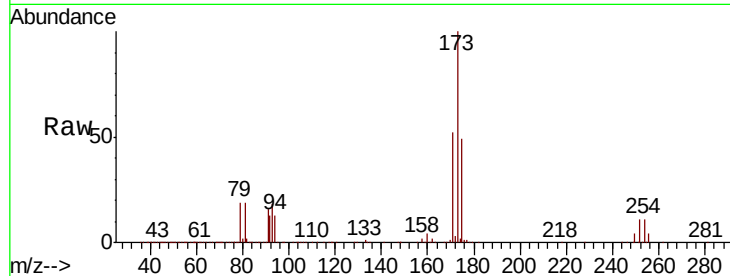
173 100

175 49.7 24.7 74.1

254 0.2 0.2 0.2

Manual Integrations  
APPROVED

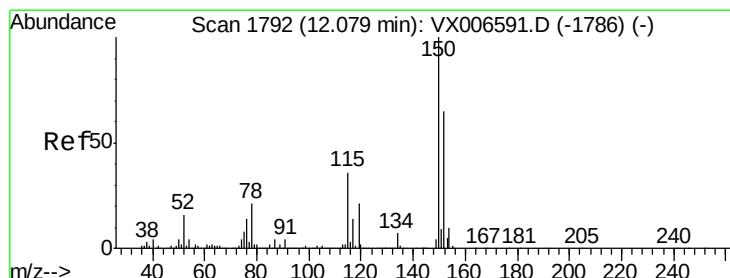
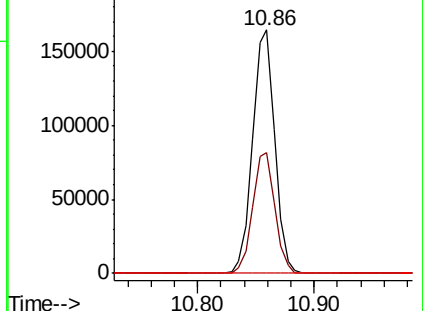
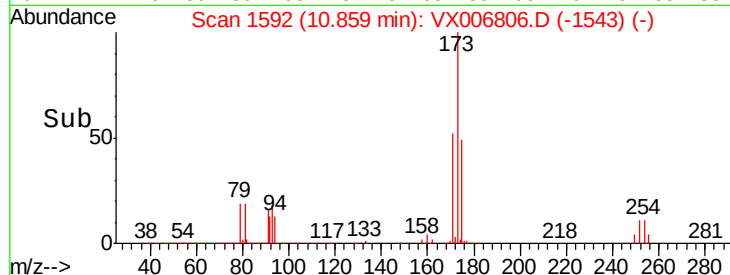
MMDadoda  
12/26/2018 9:57:57 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

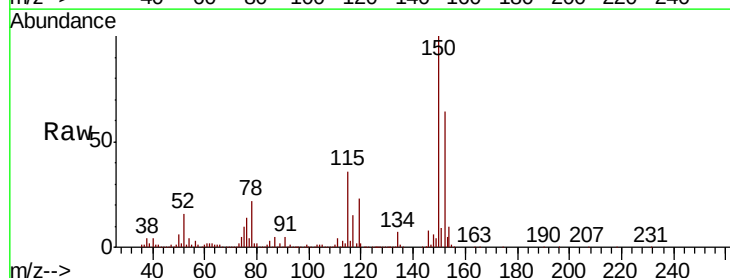
Tgt Ion:152 Resp: 420080

Ion Ratio Lower Upper

152 100

115 78.1 39.1 117.2

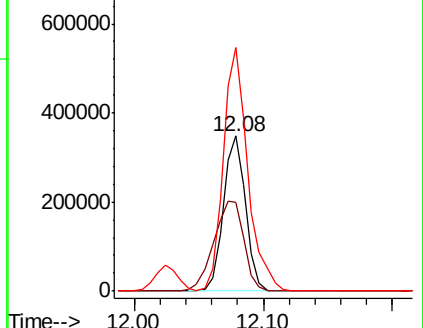
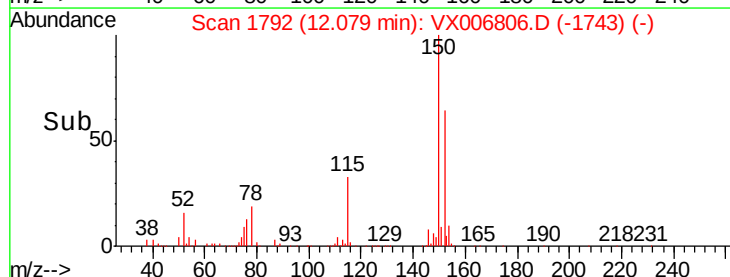
150 173.6 0.0 344.8

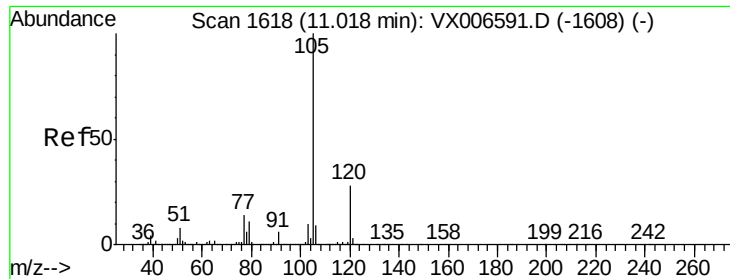


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.256 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1473009

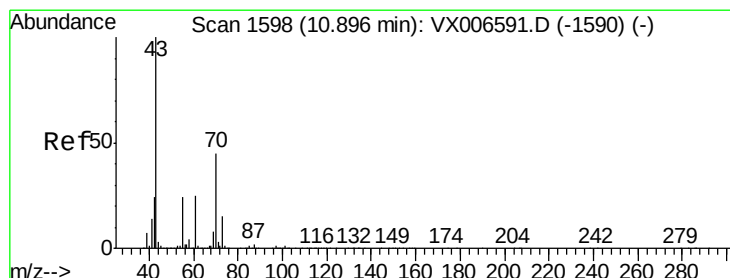
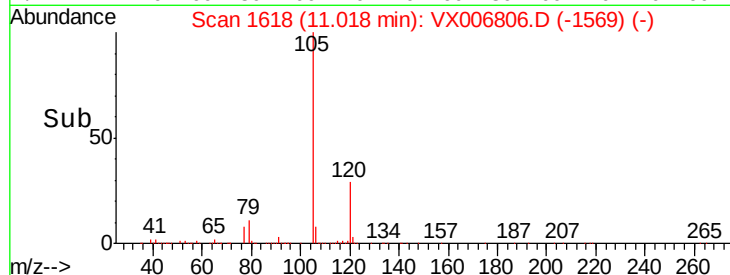
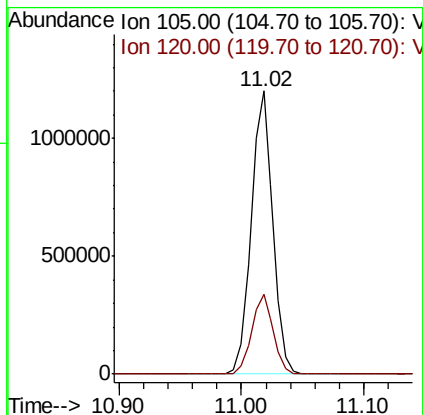
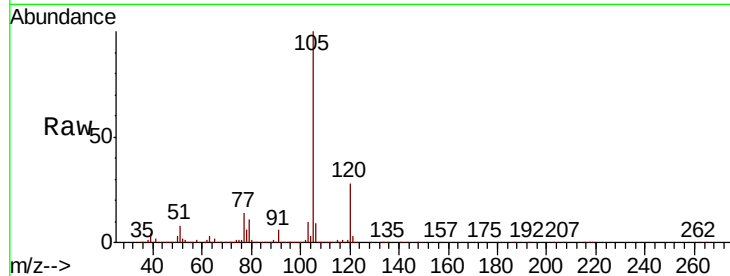
Ion Ratio Lower Upper

105 100

120 28.0 14.1 42.4

Manual Integrations  
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#74

N-ethyl acetate

Concen: 57.567 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Tgt Ion: 43 Resp: 592178

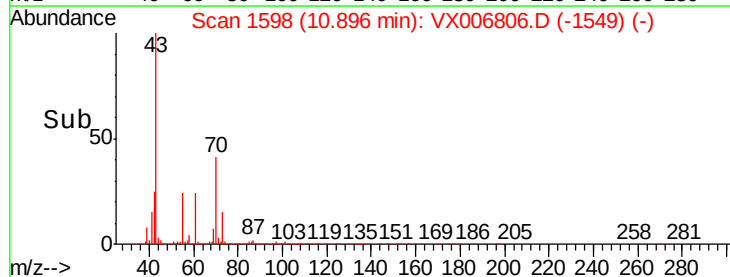
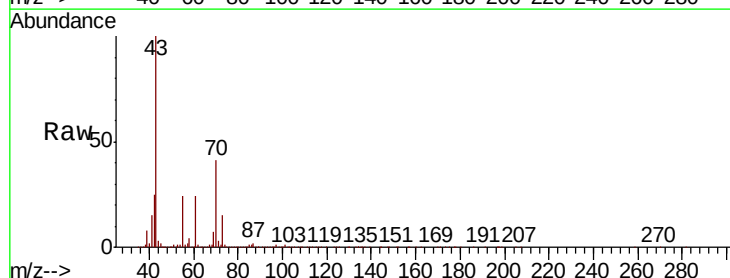
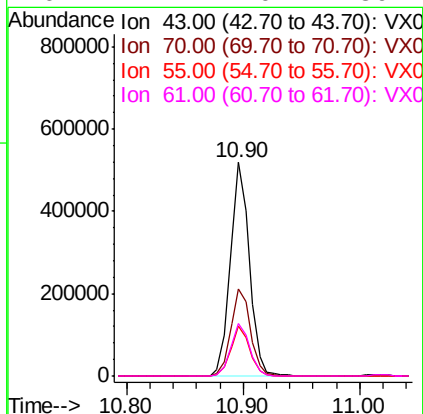
Ion Ratio Lower Upper

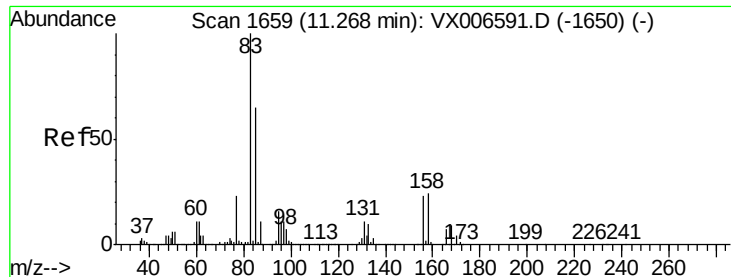
43 100

70 42.0 35.8 53.8

55 23.3 19.4 29.0

61 24.2 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 53.257 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

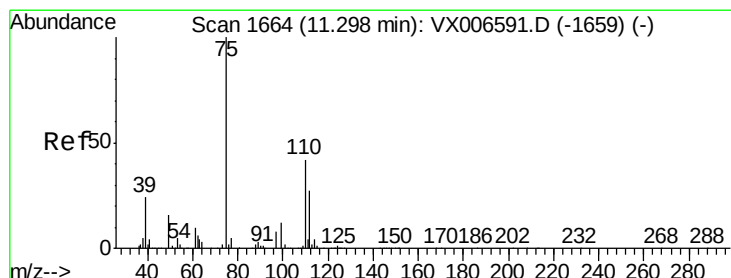
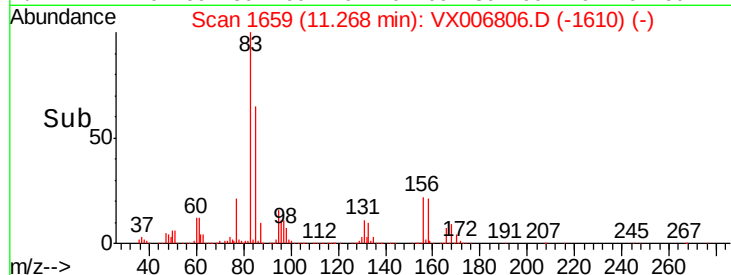
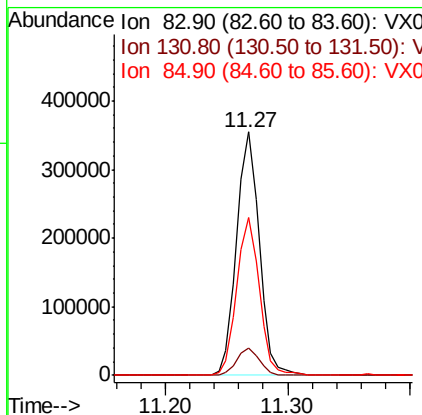
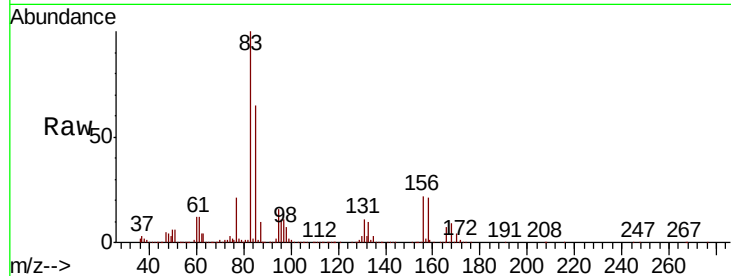
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 455182 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 11.1  | 5.7   | 17.1   |
| 85        | 64.7  | 32.2  | 96.6   |

Manual Integrations  
APPROVED

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12/26/2018 9:57:57 AM



#76

1,2,3-Trichloropropane

Concen: 53.696 ug/l m

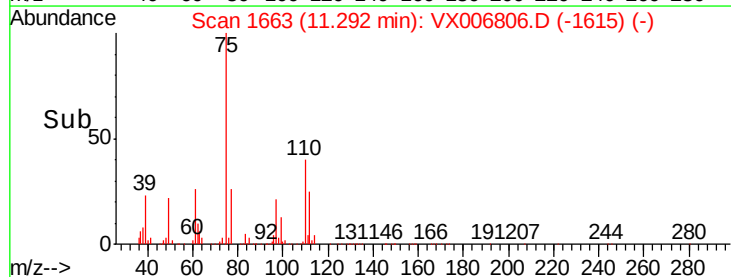
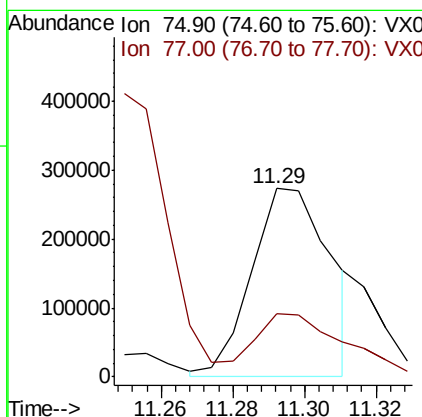
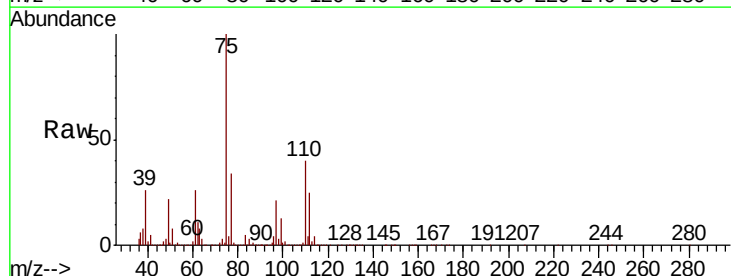
RT: 11.29 min Scan# 1663

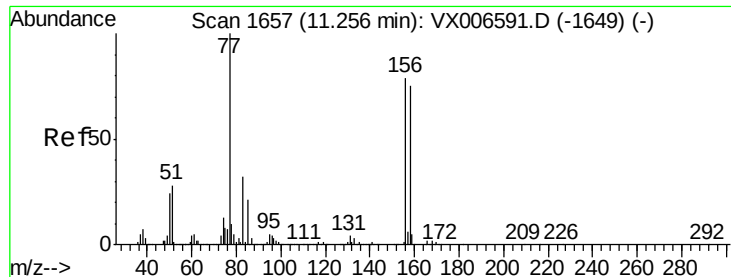
Delta R.T. -0.01 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 419199 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 39.3  | 18.5  | 55.5   |





#77

Bromobenzene

Concen: 50.962 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

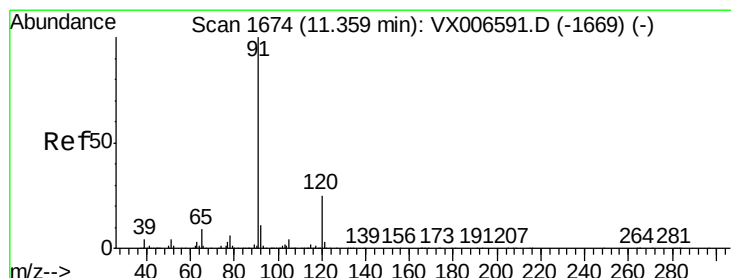
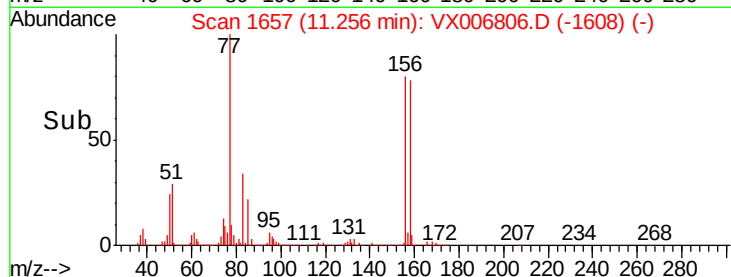
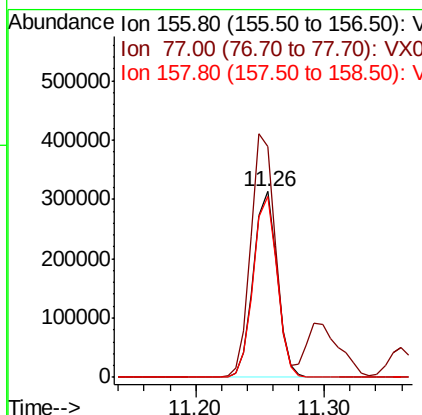
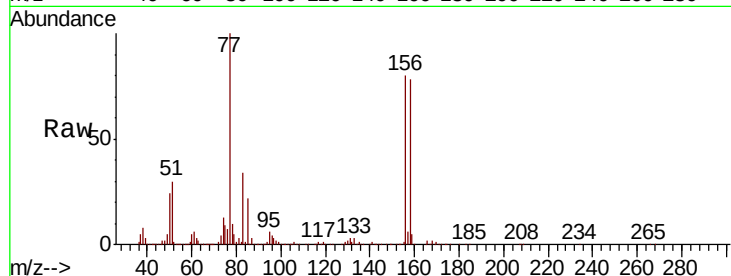
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 395954 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 134.3 | 68.0  | 204.0  |
| 158       | 97.6  | 48.3  | 144.8  |

Manual Integrations  
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12/26/2018 9:57:57 AM



#78

n-propylbenzene

Concen: 51.882 ug/l

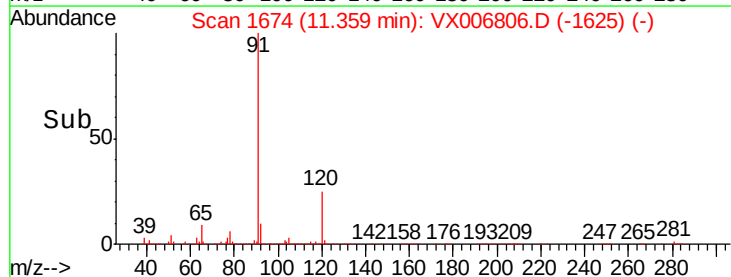
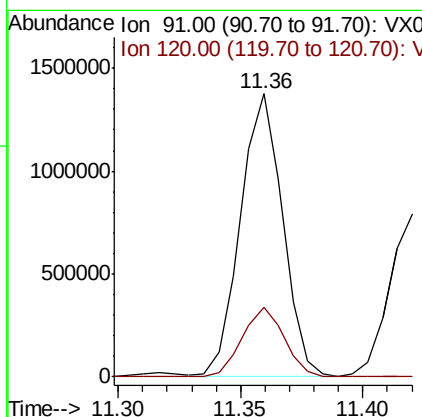
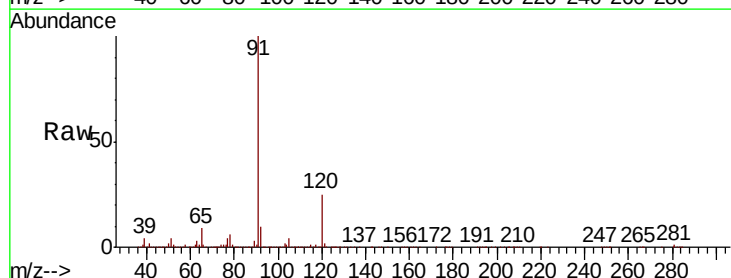
RT: 11.36 min Scan# 1674

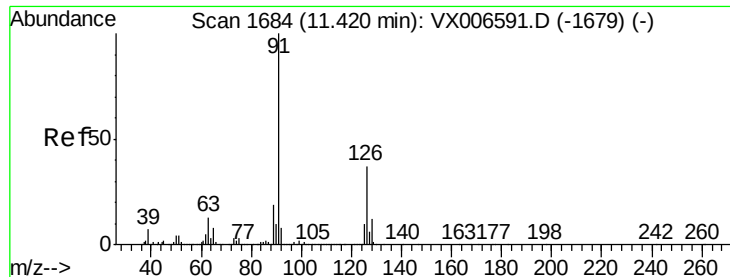
Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 91    | Resp: | 1641916 |
| Ion Ratio | Lower | Upper |         |
| 91        | 100   |       |         |
| 120       | 24.7  | 12.7  | 38.0    |





#79

2-Chlorotoluene

Concen: 49.944 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 957832

Ion Ratio Lower Upper

91 100

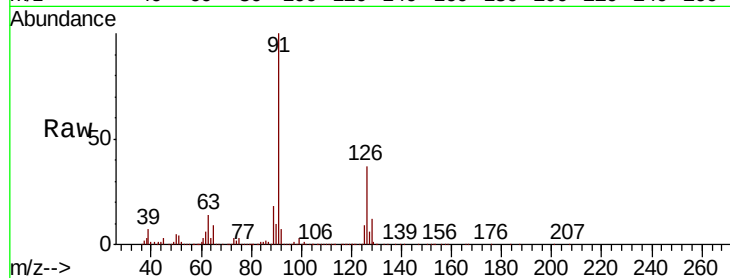
126 36.8 18.6 56.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX006591.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006591.D (-1679) (-)

1500000

1000000

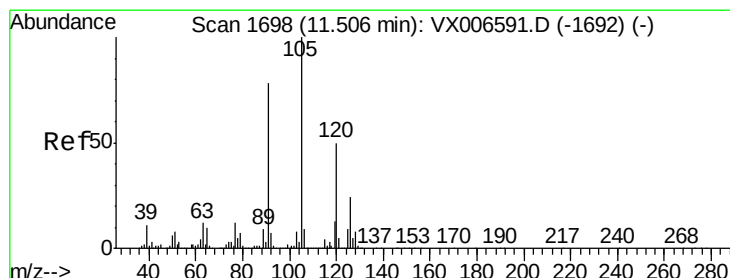
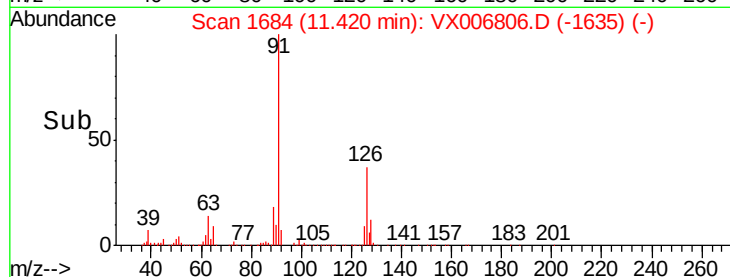
500000

0

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.323 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006806.D

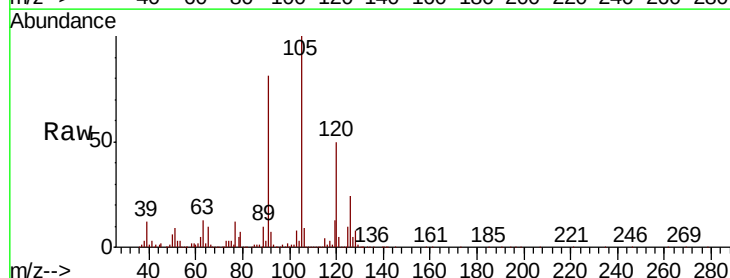
Acq: 24 Dec 2018 20:11

Tgt Ion: 105 Resp: 1214866

Ion Ratio Lower Upper

105 100

120 49.7 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006591.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006591.D (-1692) (-)

1200000

1000000

800000

600000

400000

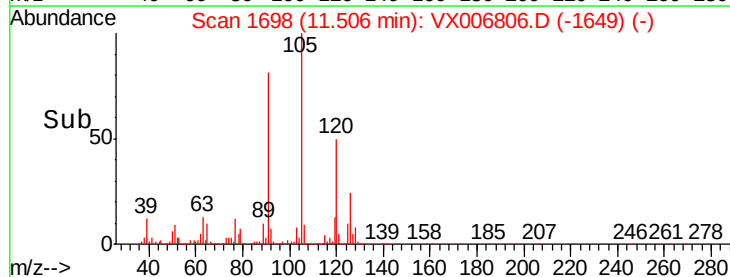
200000

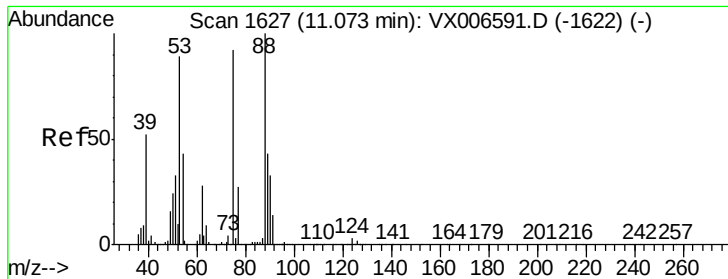
0

11.51

11.60

Time-->





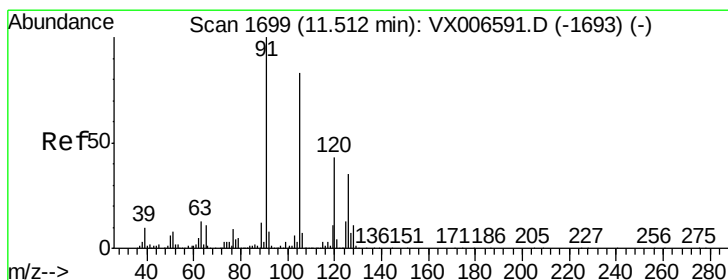
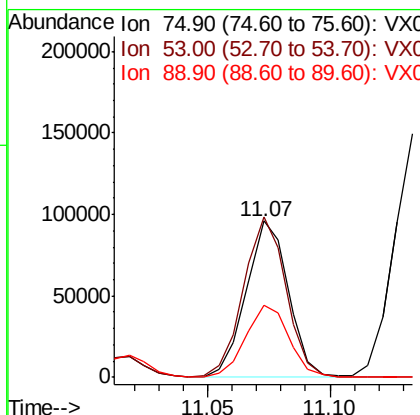
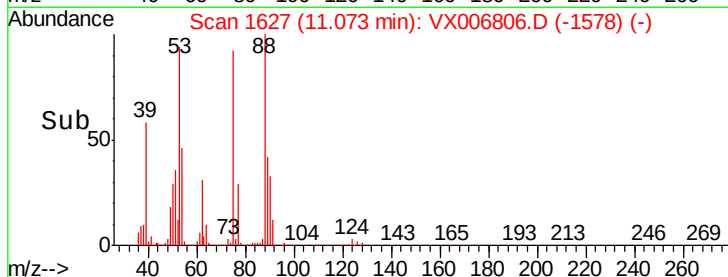
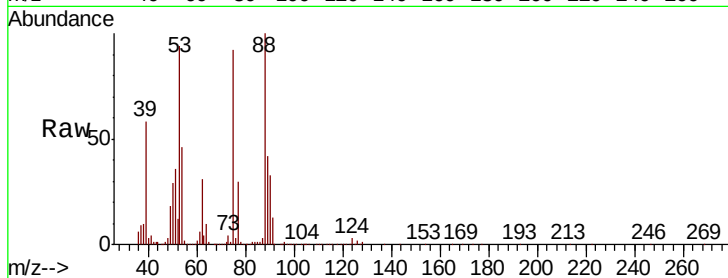
#81  
trans-1,4-Dichloro-2-butene  
Concen: 45.346 ug/l  
RT: 11.07 min Scan# 1627  
Delta R.T. 0.00 min  
Lab File: VX006806.D  
Acq: 24 Dec 2018 20:11

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 103.6 | 79.7  | 119.5 |
| 89      | 47.3  | 38.0  | 57.0  |

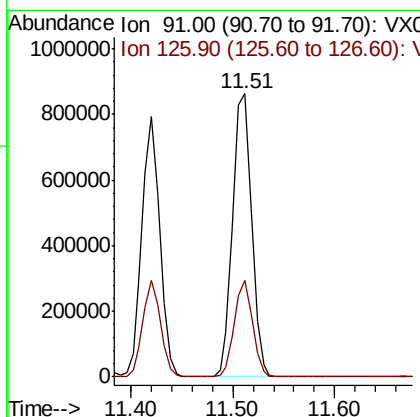
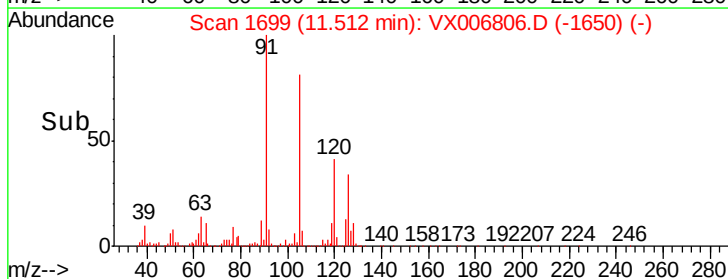
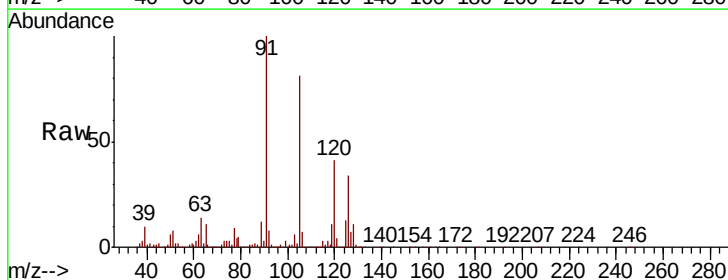
Manual Integrations  
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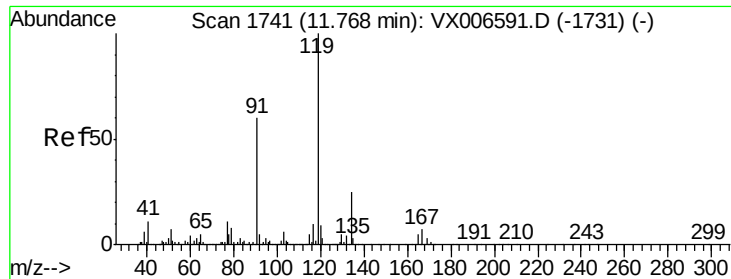
MMDadoda  
12/26/2018 9:57:57 AM



#82  
4-Chlorotoluene  
Concen: 50.283 ug/l  
RT: 11.51 min Scan# 1699  
Delta R.T. -0.00 min  
Lab File: VX006806.D  
Acq: 24 Dec 2018 20:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.7  | 16.3  | 48.9  |





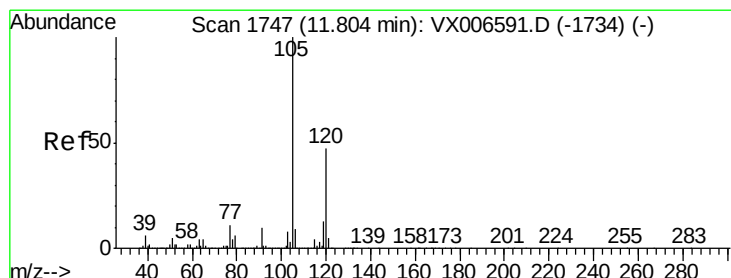
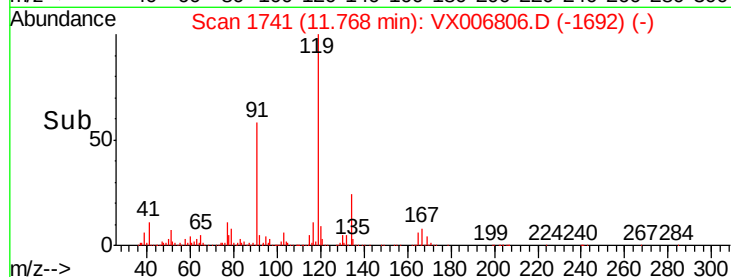
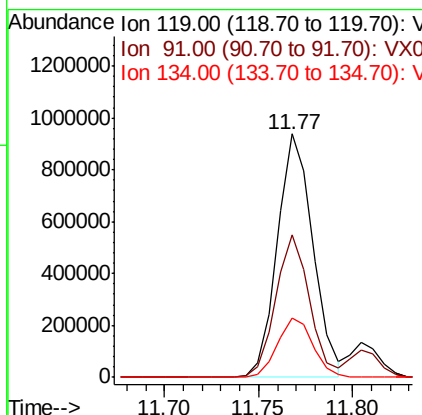
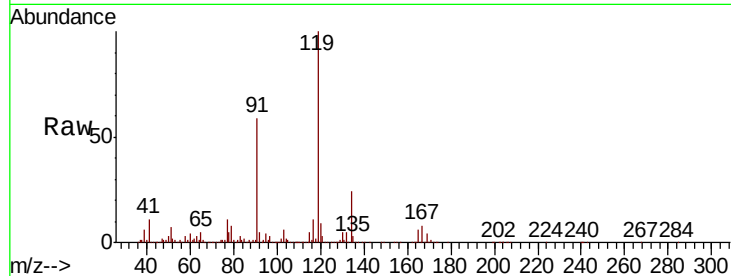
#83  
 tert-Butylbenzene  
 Concen: 51.893 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: VX006806.D  
 Acq: 24 Dec 2018 20:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 55.8  | 27.7  | 83.1  |
| 134     | 24.3  | 11.9  | 35.5  |

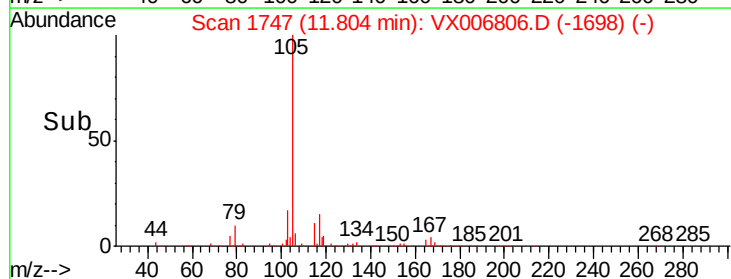
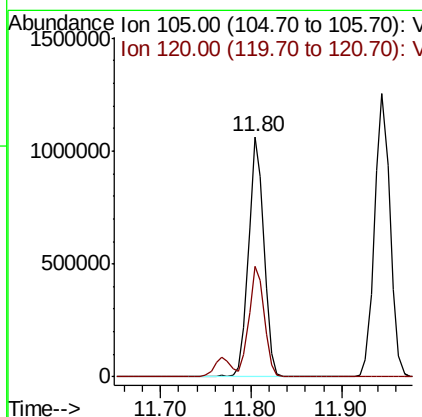
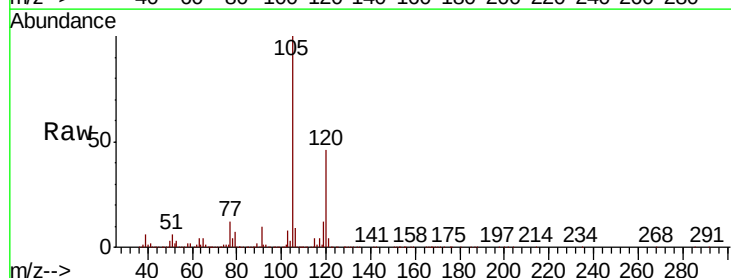
Manual Integrations  
 APPROVED

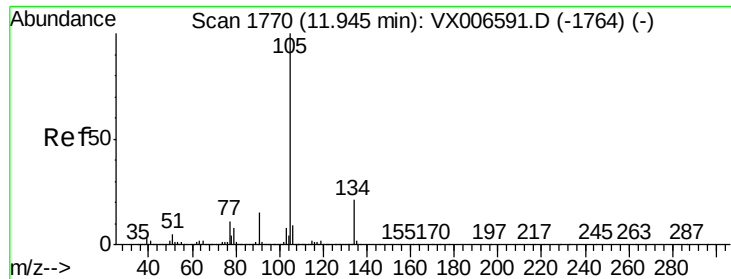
MMDadoda  
 12/26/2018 9:57:57 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 50.180 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. -0.00 min  
 Lab File: VX006806.D  
 Acq: 24 Dec 2018 20:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.7  | 23.2  | 69.6  |





#85

sec-Butylbenzene

Concen: 51.129 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1485099

Ion Ratio Lower Upper

105 100

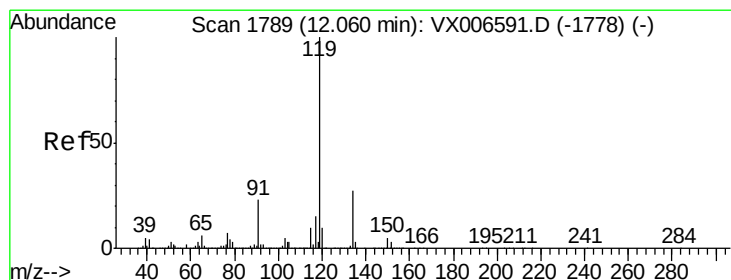
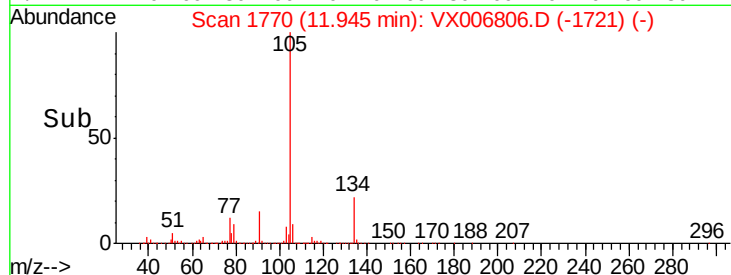
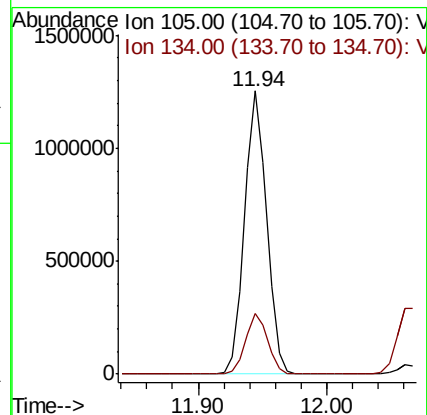
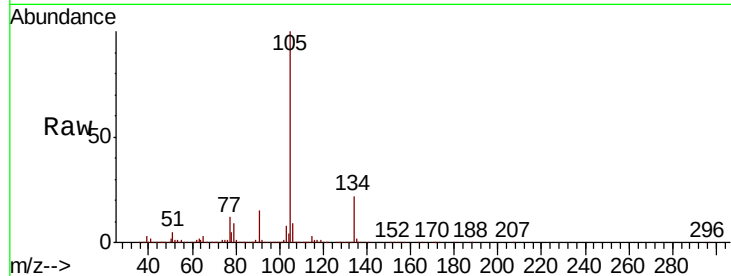
134 21.4 10.7 31.9

Manual Integrations

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12/26/2018 9:57:57 AM



#86

p-Isopropyltoluene

Concen: 52.070 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

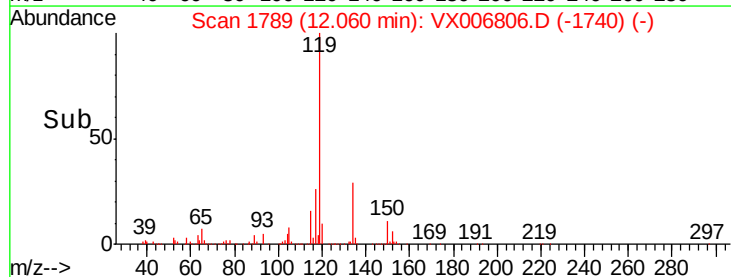
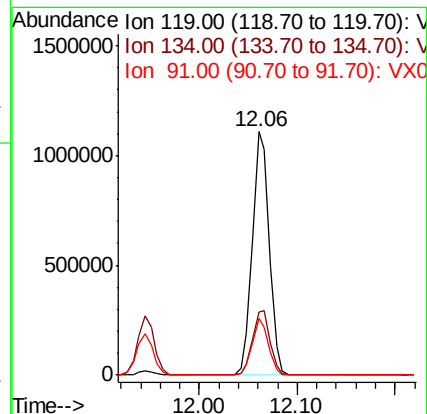
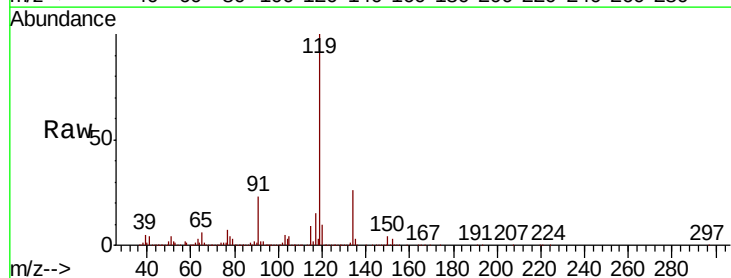
Tgt Ion:119 Resp: 1329507

Ion Ratio Lower Upper

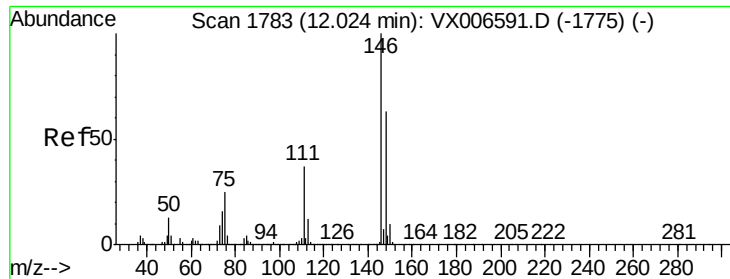
119 100

134 27.5 14.0 41.9

91 22.5 11.3 33.9







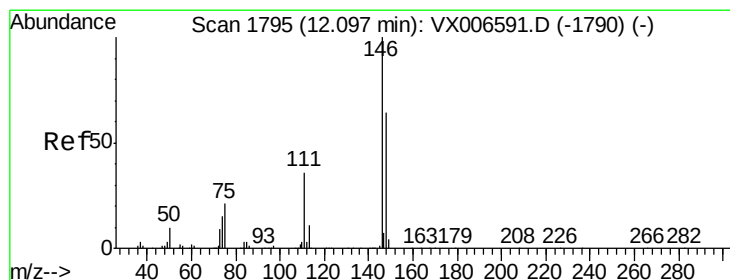
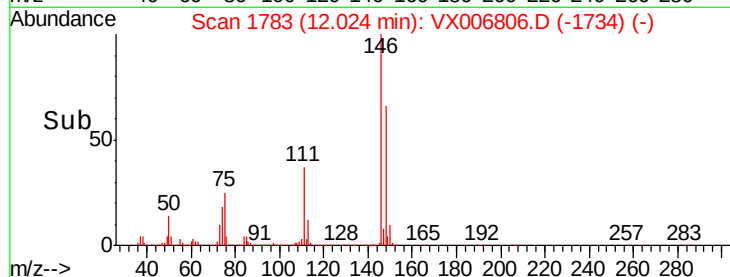
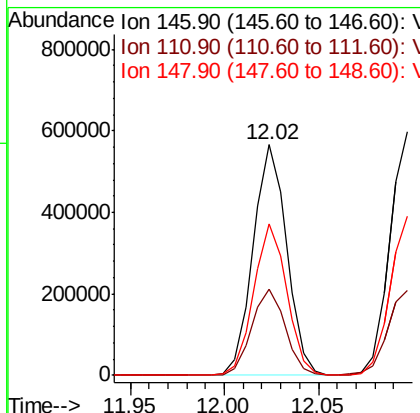
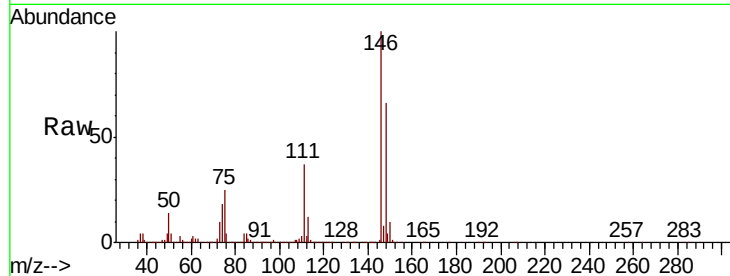
#87  
 1,3-Dichlorobenzene  
 Concen: 49.886 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX006806.D  
 Acq: 24 Dec 2018 20:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.5  | 18.6  | 55.8  |
| 148     | 64.8  | 31.8  | 95.3  |

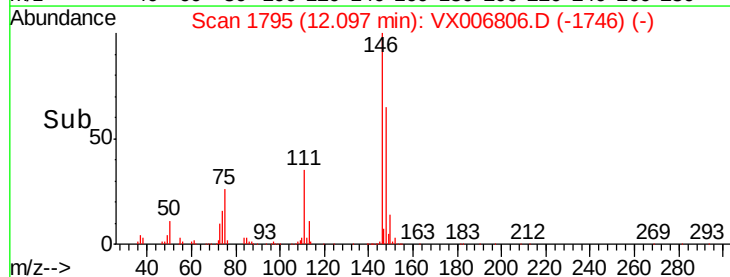
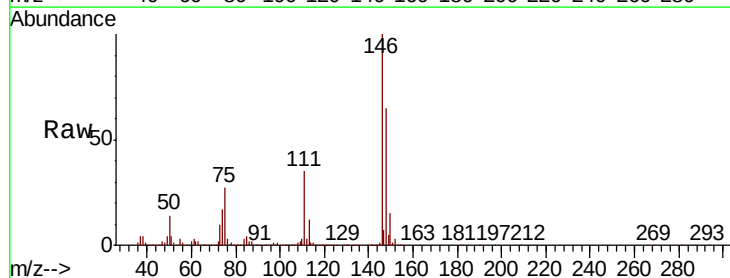
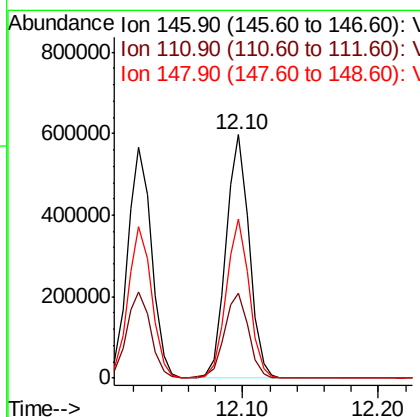
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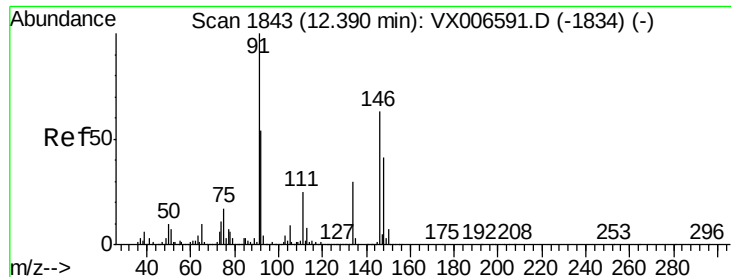
MMDadoda  
 12/26/2018 9:57:57 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 48.972 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX006806.D  
 Acq: 24 Dec 2018 20:11

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.2  | 18.1  | 54.1  |
| 148     | 64.9  | 31.9  | 95.9  |





#89

n-Butylbenzene

Concen: 52.257 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.01 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

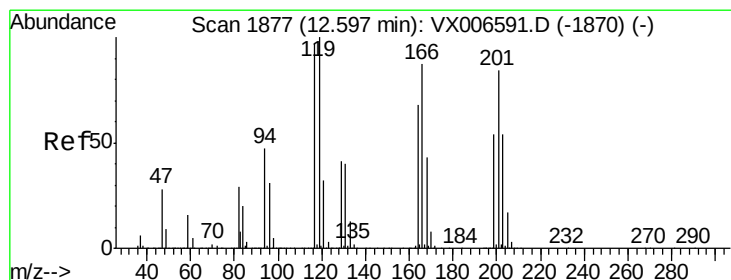
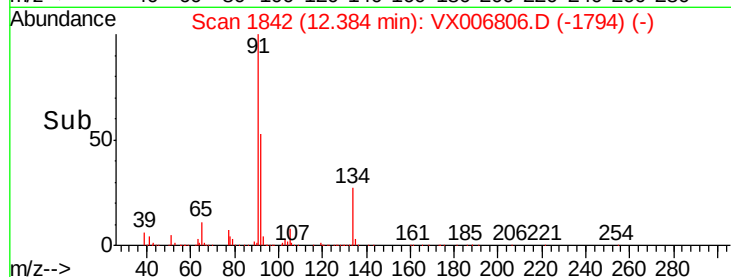
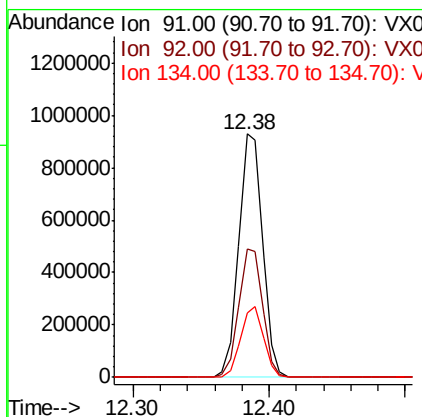
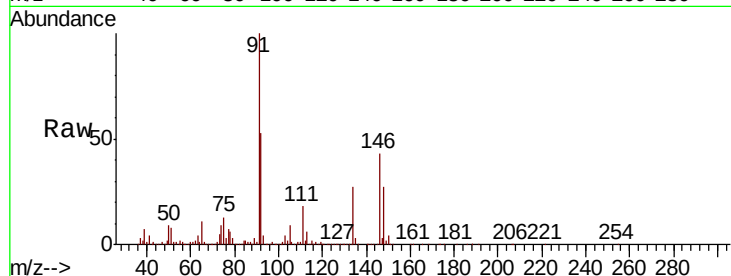
ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 91    | Resp: | 113525 |
| Ion      | Ratio | Lower | Upper  |
| 91       | 100   |       |        |
| 92       | 52.9  | 26.8  | 80.4   |
| 134      | 28.0  | 14.4  | 43.2   |

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#90

Hexachloroethane

Concen: 48.936 ug/l

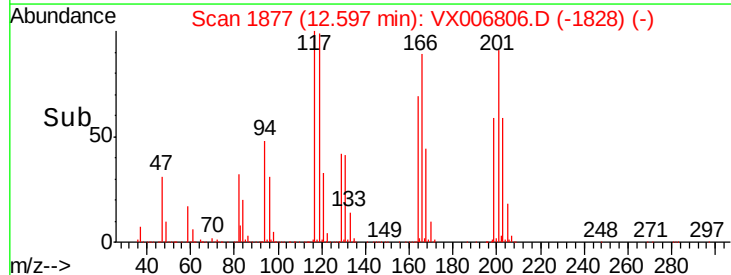
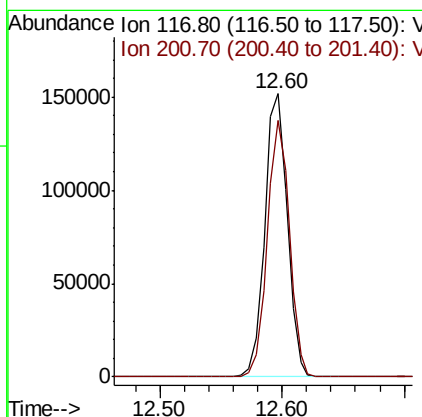
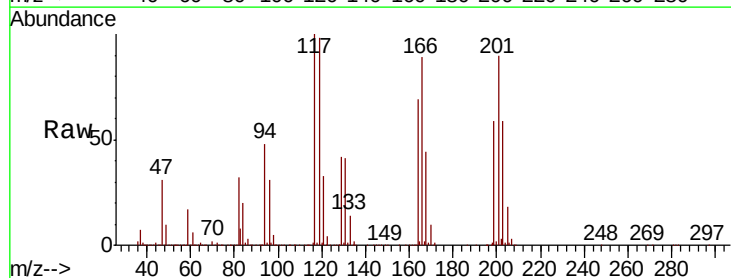
RT: 12.60 min Scan# 1877

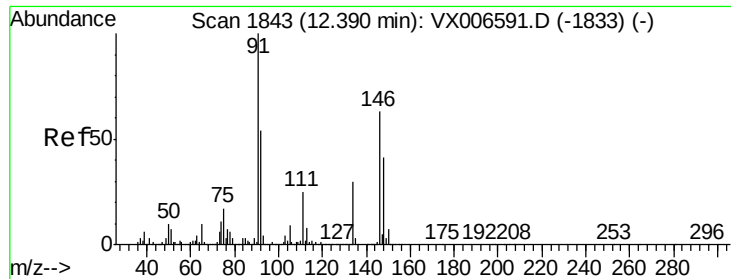
Delta R.T. 0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 195251 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 201      | 88.5  | 42.9  | 128.7  |





#91

1,2-Dichlorobenzene

Concen: 50.019 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

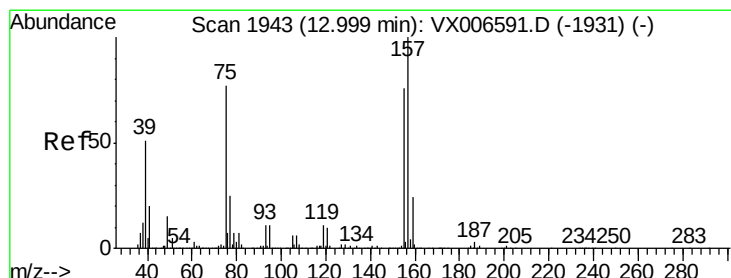
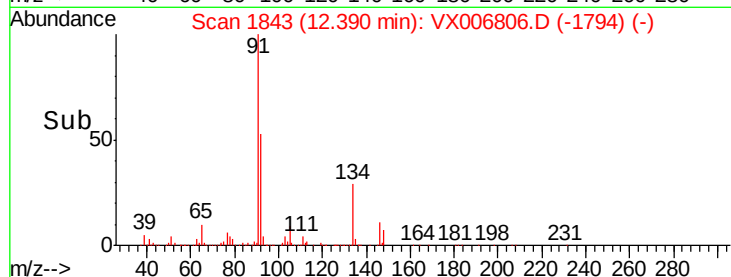
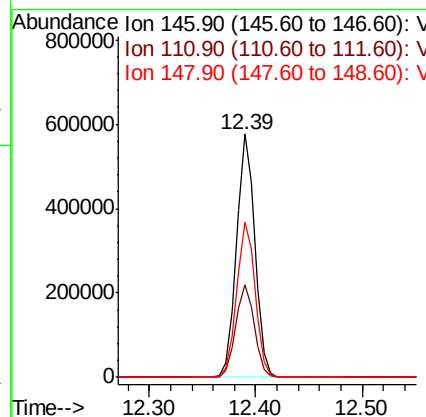
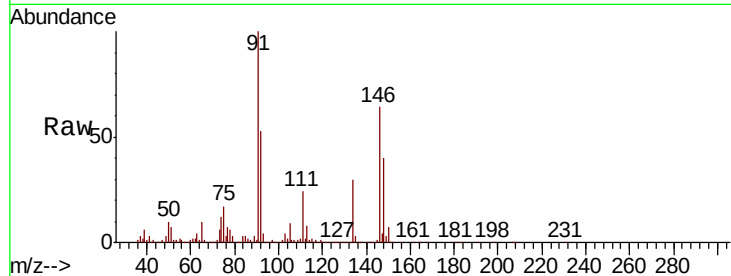
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 146   | Resp: | 700642 |
| Ion Ratio | Lower | Upper |        |
| 146       | 100   |       |        |
| 111       | 38.4  | 19.4  | 58.2   |
| 148       | 64.3  | 32.3  | 96.9   |

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#92

1,2-Dibromo-3-Chloropropane

Concen: 52.326 ug/l

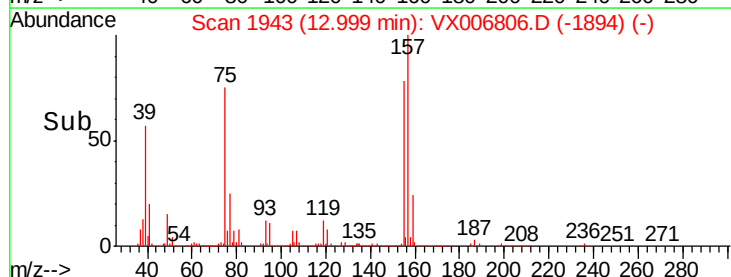
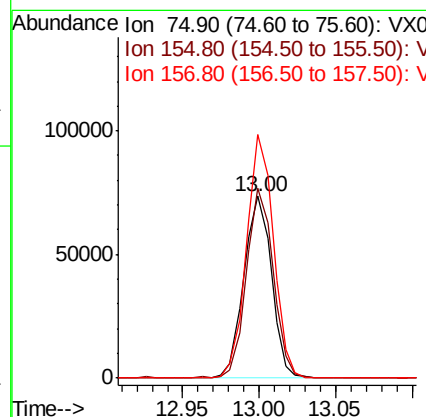
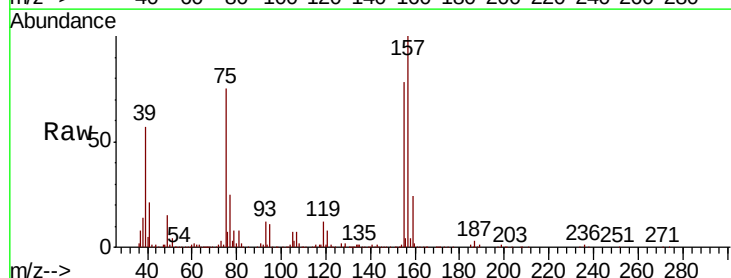
RT: 13.00 min Scan# 1943

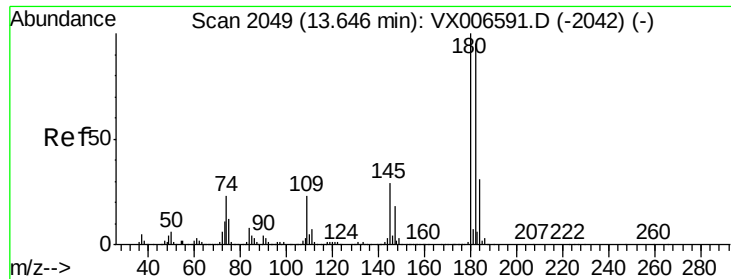
Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 92537 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 155       | 100.1 | 50.6  | 151.8 |
| 157       | 130.3 | 64.6  | 193.8 |





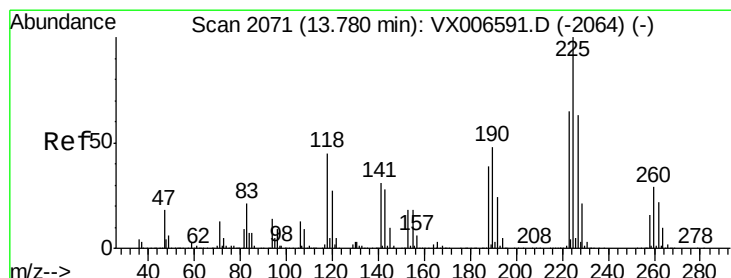
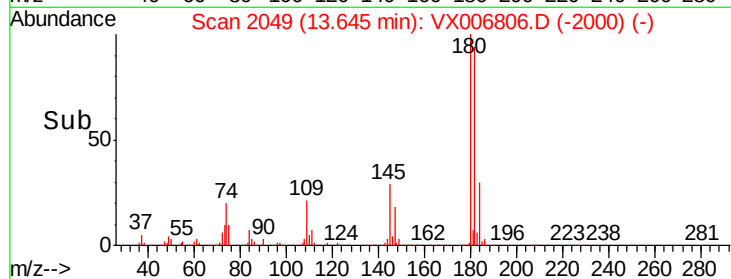
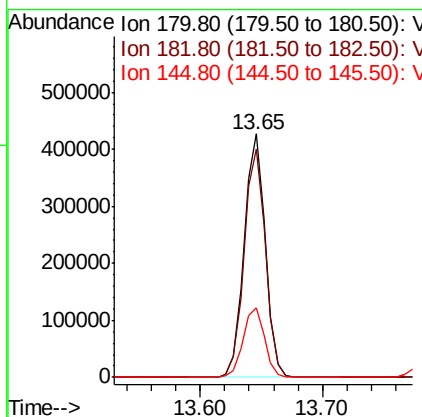
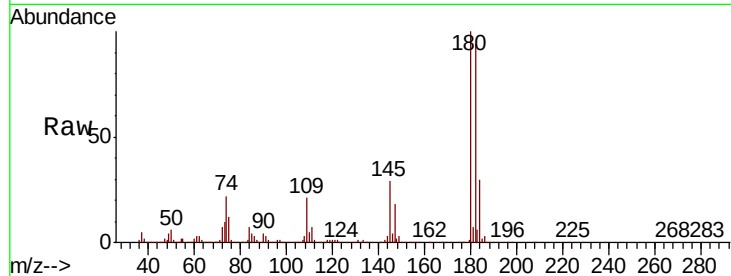
#93  
 1,2,4-Trichlorobenzene  
 Concen: 52.544 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX006806.D  
 Acq: 24 Dec 2018 20:11

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 507695 |       |       |
| 182     | 94.7  |        | 47.3  | 142.0 |
| 145     | 29.0  |        | 14.8  | 44.3  |

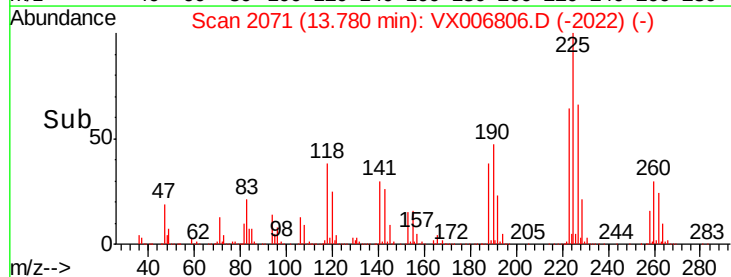
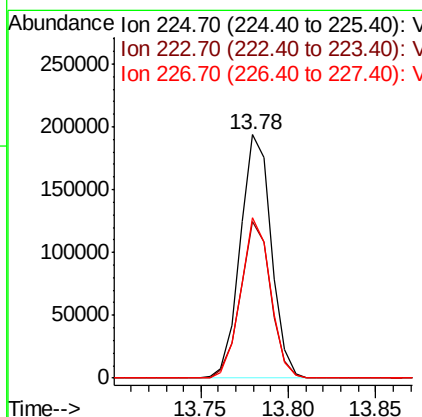
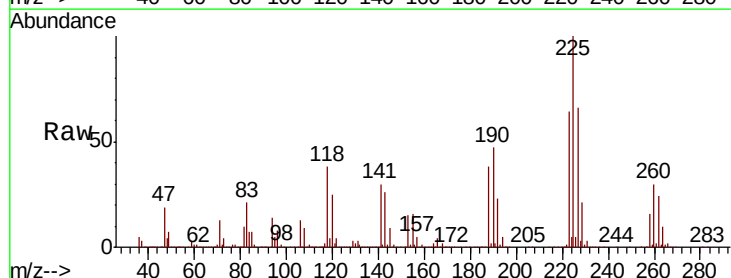
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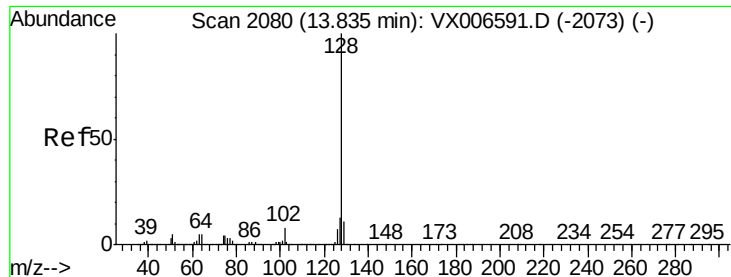
MMDadoda  
 12/26/2018 9:57:57 AM



#94  
 Hexachlorobutadiene  
 Concen: 52.127 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: VX006806.D  
 Acq: 24 Dec 2018 20:11

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 237402 |       |       |
| 223     | 62.9  |        | 32.1  | 96.3  |
| 227     | 63.6  |        | 32.3  | 96.8  |





#95

Naphthalene

Concen: 51.150 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1577412

Ion Ratio Lower Upper

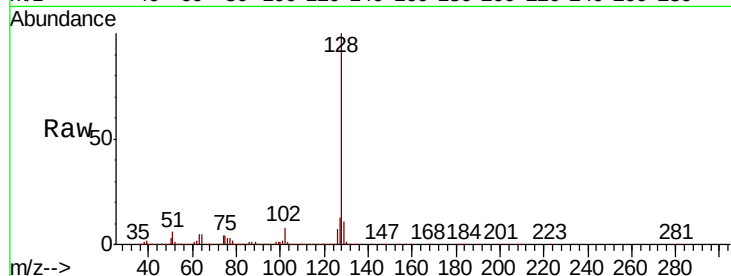
128 100

127 12.8 10.1 15.1

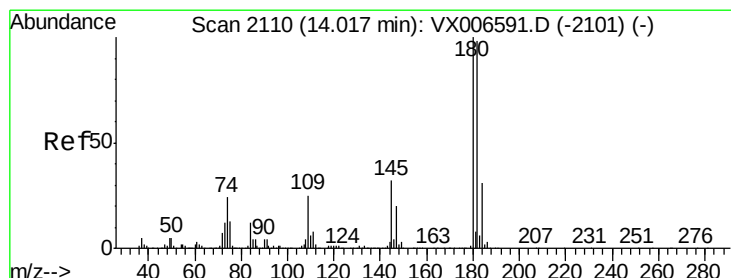
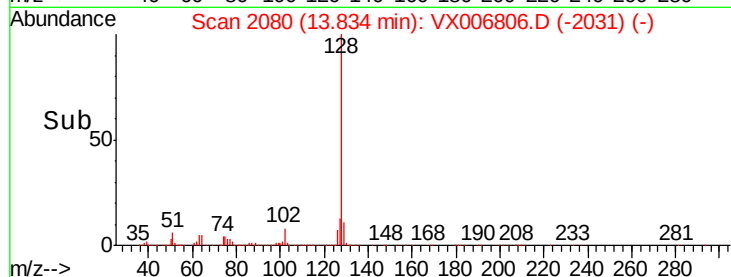
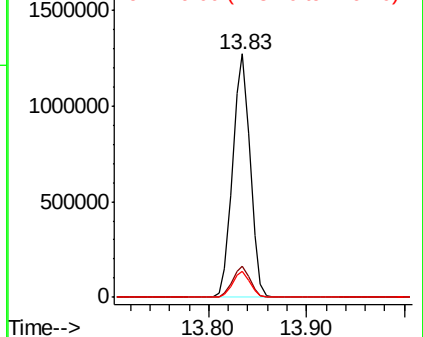
129 10.7 8.6 13.0

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Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 51.248 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX006806.D

Acq: 24 Dec 2018 20:11

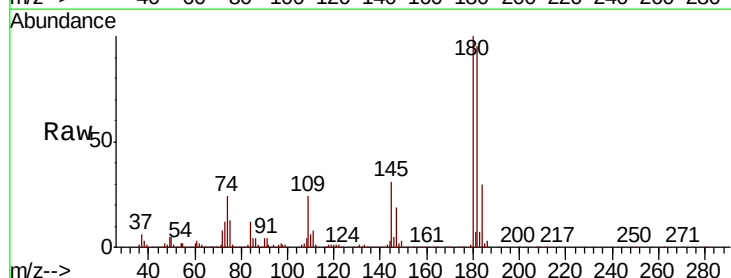
Tgt Ion:180 Resp: 511265

Ion Ratio Lower Upper

180 100

182 95.6 48.5 145.5

145 30.0 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V  
Ion 181.80 (181.50 to 182.50): V  
Ion 144.90 (144.60 to 145.60): V

