

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031919\  
 Data File : VX008206.D  
 Acq On : 19 Mar 2019 22:13  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 3/20/2019 10:27:28 AM

Quant Time: Mar 20 08:20:34 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X031919W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 20 06:51:58 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 294760   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 494176   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 438228   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 202613   | 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   | 202549   | 45.63 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 91.26% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 153116   | 46.28 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 92.56% |          |
| 50) Toluene-d8              | 8.71  | 98   | 590027   | 47.04 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 94.08% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 209861   | 48.59 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.18% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 181065   | 50.666  | ug/l  | 100    |
| 3) Chloromethane              | 1.33 | 50   | 208841   | 46.573  | ug/l  | 98     |
| 4) Vinyl Chloride             | 1.41 | 62   | 217748   | 48.703  | ug/l  | 99     |
| 5) Bromomethane               | 1.64 | 94   | 186748   | 49.035  | ug/l  | 98     |
| 6) Chloroethane               | 1.72 | 64   | 135103   | 48.195  | ug/l  | 99     |
| 7) Trichlorofluoromethane     | 1.93 | 101  | 270371   | 47.385  | ug/l  | 98     |
| 8) Diethyl Ether              | 2.19 | 74   | 154253   | 52.545  | ug/l  | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101  | 187464   | 49.485  | ug/l  | 90     |
| 10) Methyl Iodide             | 2.51 | 142  | 257579   | 53.400  | ug/l  | 96     |
| 11) Tert butyl alcohol        | 3.05 | 59   | 241371   | 253.981 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 184479   | 51.581  | ug/l  | 91     |
| 13) Acrolein                  | 2.29 | 56   | 140838   | 208.745 | ug/l  | 97     |
| 14) Allyl chloride            | 2.73 | 41   | 402553   | 51.705  | ug/l  | 94     |
| 15) Acrylonitrile             | 3.14 | 53   | 652025   | 259.389 | ug/l  | 98     |
| 16) Acetone                   | 2.45 | 43   | 573937   | 227.948 | ug/l  | 97     |
| 17) Carbon Disulfide          | 2.57 | 76   | 565204   | 48.436  | ug/l  | 99     |
| 18) Methyl Acetate            | 2.78 | 43   | 315378   | 54.105  | ug/l  | 98     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73   | 681641   | 52.712  | ug/l  | 99     |
| 20) Methylene Chloride        | 2.86 | 84   | 211344   | 50.338  | ug/l  | 92     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96   | 196283   | 50.802  | ug/l  | 92     |
| 22) Diisopropyl ether         | 3.86 | 45   | 806241   | 52.875  | ug/l  | 91     |
| 23) Vinyl Acetate             | 3.82 | 43   | 3524834  | 269.629 | ug/l  | 97     |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 407341   | 51.941  | ug/l  | 98     |
| 25) 2-Butanone                | 4.68 | 43   | 950672   | 255.786 | ug/l  | 97     |
| 26) 2,2-Dichloropropane       | 4.59 | 77   | 275733   | 46.672  | ug/l  | 98     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96   | 226779   | 51.487  | ug/l  | 92     |
| 28) Bromochloromethane        | 5.02 | 49   | 174045   | 49.423  | ug/l  | 83     |
| 29) Tetrahydrofuran           | 5.13 | 42   | 629604   | 270.983 | ug/l  | 97     |
| 30) Chloroform                | 5.21 | 83   | 381758   | 52.040  | ug/l  | 99     |
| 31) Cyclohexane               | 5.58 | 56   | 385130   | 52.297  | ug/l  | 96     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97   | 319667   | 52.384  | ug/l  | 96     |
| 36) 1,1-Dichloropropene       | 5.80 | 75   | 295177   | 51.304  | ug/l  | 96     |
| 37) Ethyl Acetate             | 4.84 | 43   | 364262   | 53.558  | ug/l  | 98     |
| 38) Carbon Tetrachloride      | 5.79 | 117  | 266362   | 51.959  | ug/l  | 95     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031919\  
 Data File : VX008206.D  
 Acq On : 19 Mar 2019 22:13  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
 APPROVED

MMDadoda  
 3/20/2019 10:27:28 AM

Quant Time: Mar 20 08:20:34 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X031919W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Mar 20 06:51:58 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 351165   | 50.719   | ug/l   | 92       |
| 40) Benzene                    | 6.15  | 78   | 891142   | 52.330   | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.05  | 41   | 205346   | 53.826   | ug/l   | 96       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 322216   | 51.651   | ug/l   | 96       |
| 43) Isopropyl Acetate          | 6.45  | 43   | 583662   | 53.539   | ug/l   | 97       |
| 44) Trichloroethene            | 7.21  | 130  | 214063   | 51.410   | ug/l   | 89       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 247564   | 51.931   | ug/l   | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 146665   | 50.814   | ug/l   | 87       |
| 47) Bromodichloromethane       | 7.90  | 83   | 293926   | 53.434   | ug/l # | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 309219   | 53.345   | ug/l   | 93       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 103424   | 1011.088 | ug/l   | 93       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 1905460  | 270.362  | ug/l   | 97       |
| 52) Toluene                    | 8.79  | 92   | 532951   | 52.753   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 331234   | 48.138   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 359218   | 52.619   | ug/l # | 91       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 218460   | 53.520   | ug/l   | 96       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 362500   | 50.623   | ug/l # | 91       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 385637   | 53.406   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 827439   | 247.411  | ug/l   | 94       |
| 59) 2-Hexanone                 | 9.49  | 43   | 1419536  | 261.619  | ug/l   | 96       |
| 60) Dibromochloromethane       | 9.59  | 129  | 217288   | 55.390   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 225527   | 52.914   | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 207635   | 52.517   | ug/l   | 95       |
| 65) Chlorobenzene              | 10.14 | 112  | 559920   | 51.926   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 202348   | 53.822   | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 1010618  | 53.185   | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.36 | 106  | 742159   | 106.324  | ug/l   | 94       |
| 69) o-Xylene                   | 10.70 | 106  | 360535   | 53.156   | ug/l   | 94       |
| 70) Styrene                    | 10.71 | 104  | 596323   | 54.099   | ug/l   | 95       |
| 71) Bromoform                  | 10.85 | 173  | 156931   | 48.514   | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 963580   | 53.354   | ug/l   | 98       |
| 74) N-amyl acetate             | 10.90 | 43   | 504395   | 53.307   | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 330541   | 51.041   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 287807m  | 50.504   | ug/l   |          |
| 77) Bromobenzene               | 11.26 | 156  | 230528   | 52.794   | ug/l   | 86       |
| 78) n-propylbenzene            | 11.36 | 91   | 1122331  | 53.506   | ug/l   | 96       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 663332   | 52.688   | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 796499   | 53.383   | ug/l   | 96       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 105711   | 47.367   | ug/l   | 93       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 768886   | 52.482   | ug/l   | 95       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 747583   | 52.480   | ug/l   | 92       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 806413   | 53.313   | ug/l   | 98       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 942923   | 53.451   | ug/l   | 97       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 811388   | 53.137   | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 404791   | 51.872   | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 405114   | 50.188   | ug/l   | 97       |
| 89) n-Butylbenzene             | 12.38 | 91   | 750582   | 52.372   | ug/l   | 96       |
| 90) Hexachloroethane           | 12.60 | 117  | 140755   | 54.124   | ug/l   | 83       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 404284   | 51.381   | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 72822    | 50.628   | ug/l   | 80       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\  
Data File : VX008206.D  
Acq On : 19 Mar 2019 22:13  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 31 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

MMDadoda  
3/20/2019 10:27:28 AM

Quant Time: Mar 20 08:20:34 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X031919W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 20 06:51:58 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 265144   | 51.158 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 128225   | 50.728 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 877329   | 53.633 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 263505   | 51.670 | ug/l  | 98       |

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

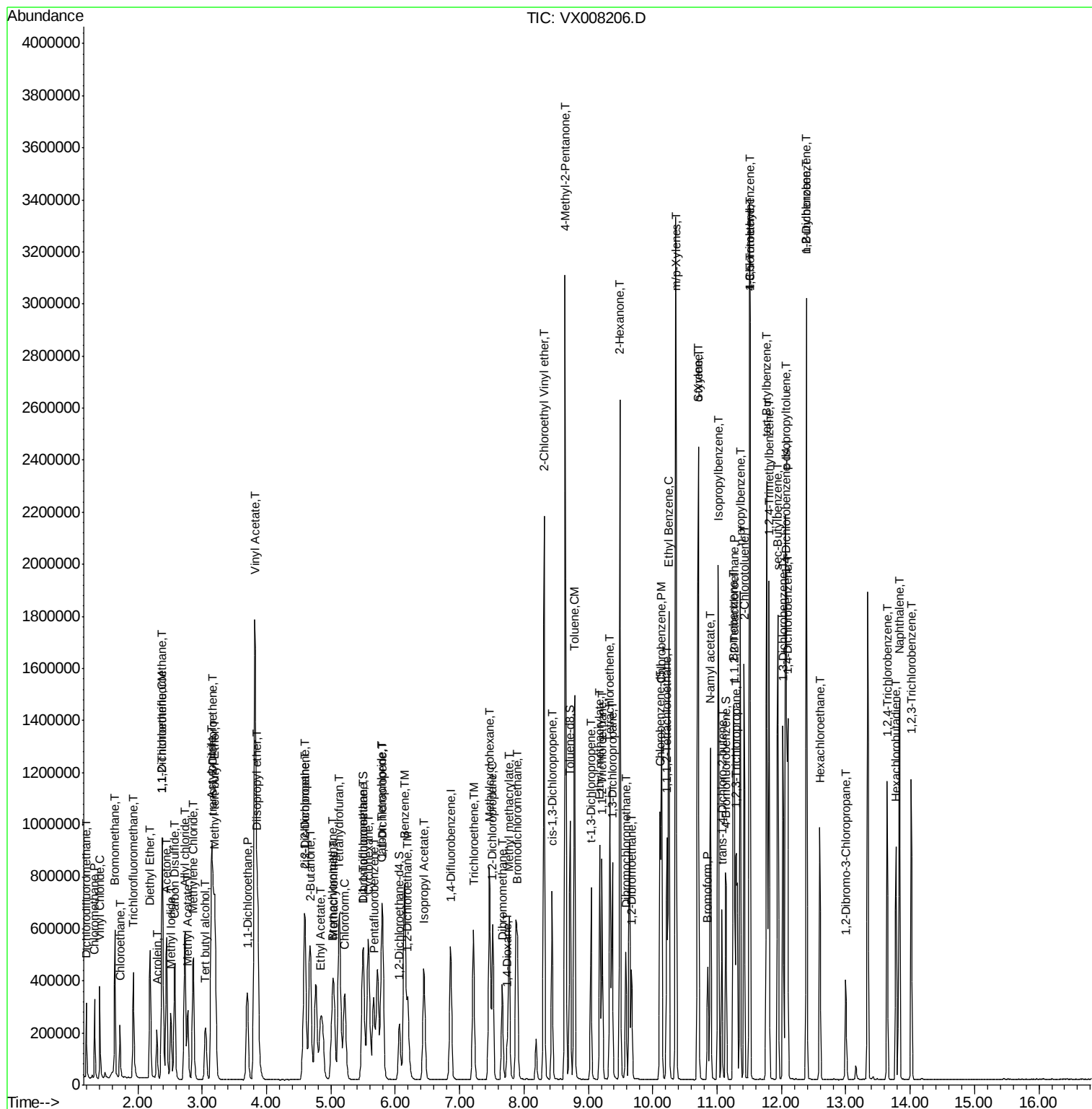
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031919\  
Data File : VX008206.D  
Acq On : 19 Mar 2019 22:13  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 31 Sample Multiplier: 1

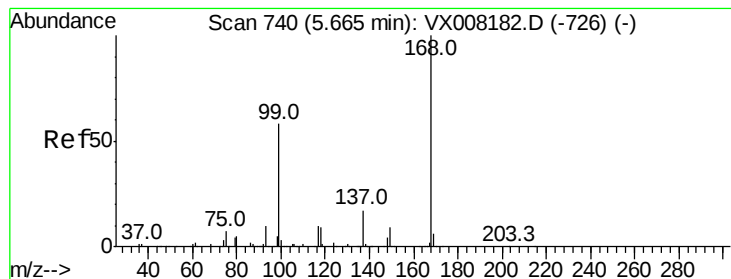
Instrument :  
MSVOA\_X  
ClientSampleID :  
VSTDCCC050

Manual Integrations  
APPROVED

MMDadoda  
3/20/2019 10:27:28 AM

Quant Time: Mar 20 08:20:34 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X031919W.M  
Quant Title : SW846 8260  
QLast Update : Wed Mar 20 06:51:58 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 294760

Ion Ratio Lower Upper

168 100

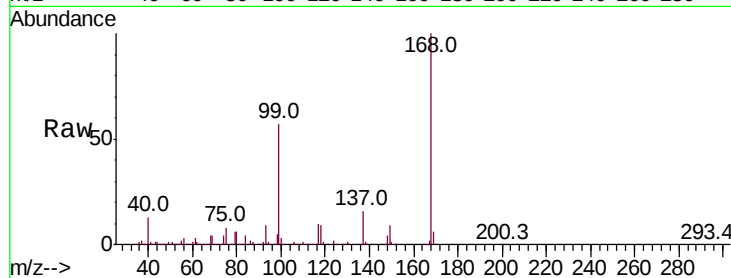
99 56.9 37.6 56.4#

Manual Integrations

APPROVED

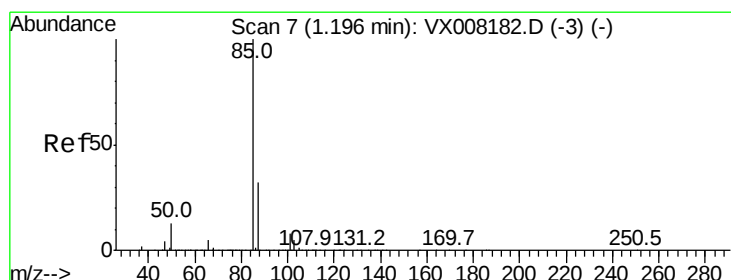
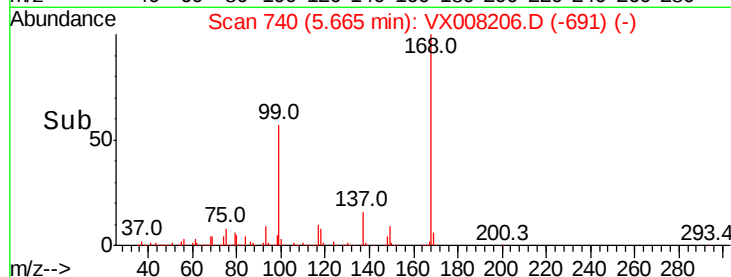
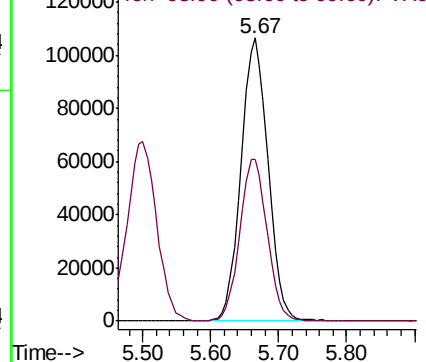
MMDadoda

3/20/2019 10:27:28 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.666 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX008206.D

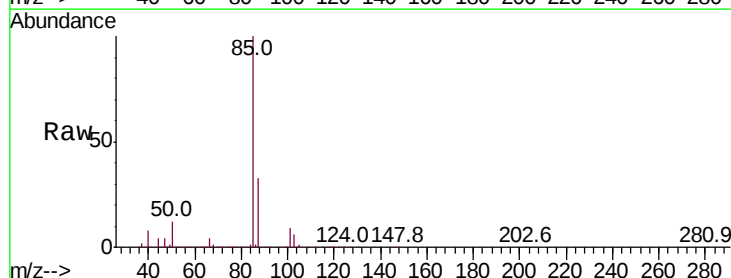
Acq: 19 Mar 2019 22:13

Tgt Ion: 85 Resp: 181065

Ion Ratio Lower Upper

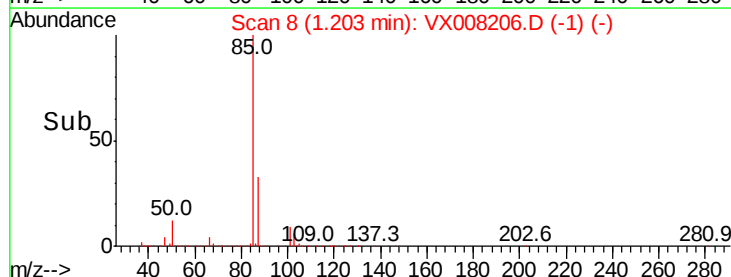
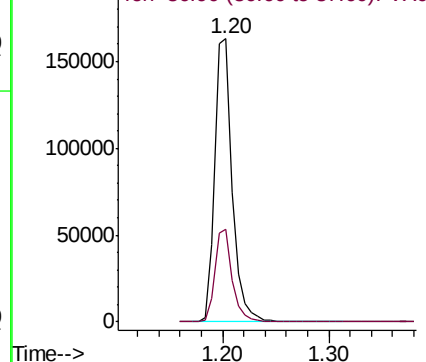
85 100

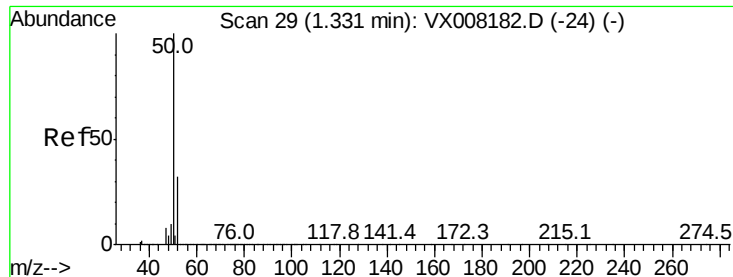
87 32.9 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.573 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 208841

Ion Ratio Lower Upper

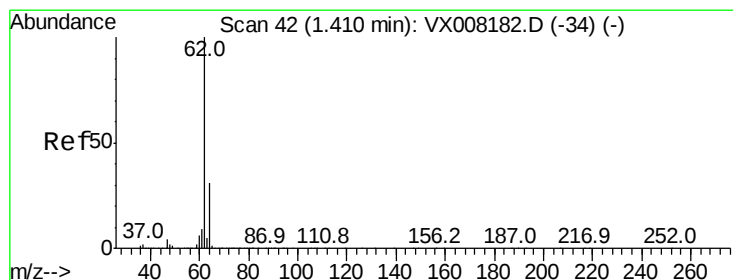
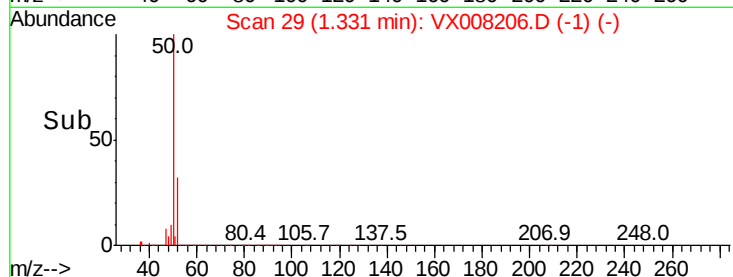
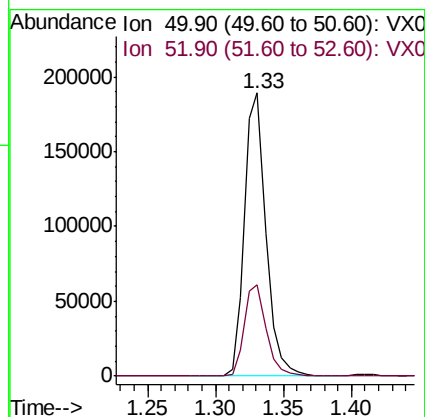
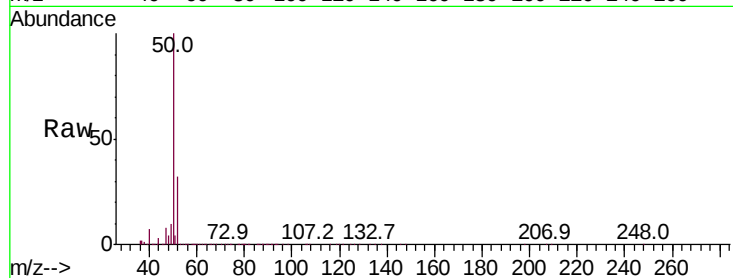
50 100

52 32.0 26.5 39.7

Manual Integrations  
APPROVED

MMDadoda

3/20/2019 10:27:28 AM



#4

Vinyl Chloride

Concen: 48.703 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008206.D

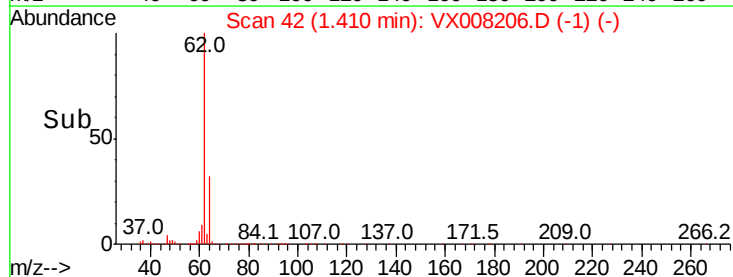
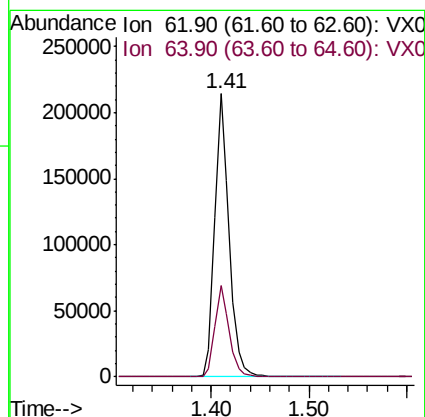
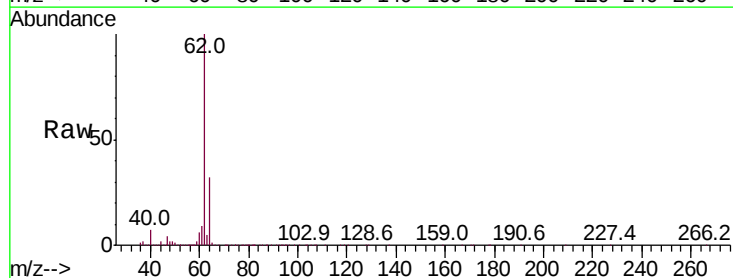
Acq: 19 Mar 2019 22:13

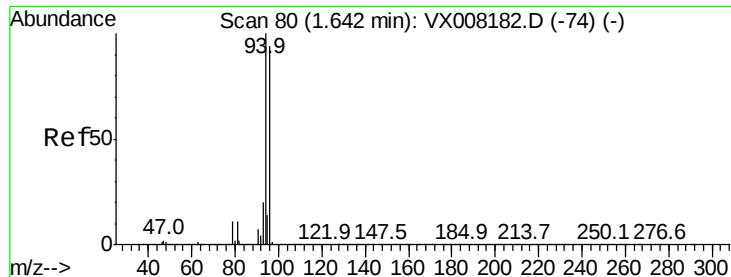
Tgt Ion: 62 Resp: 217748

Ion Ratio Lower Upper

62 100

64 32.0 25.3 37.9





#5

Bromomethane

Concen: 49.035 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 186748

Ion Ratio Lower Upper

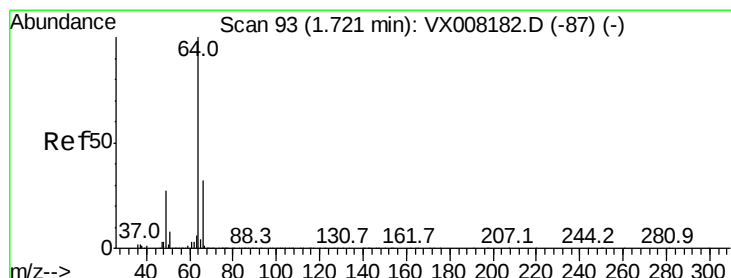
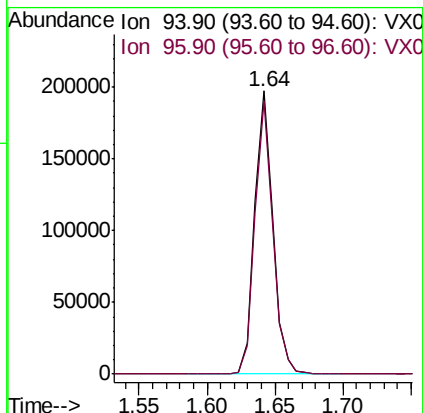
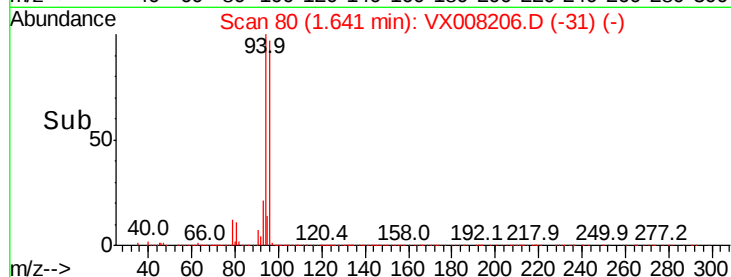
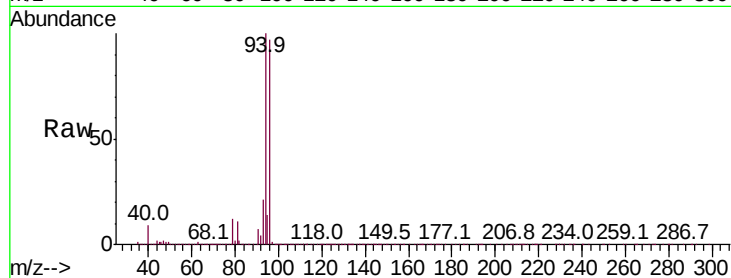
94 100

96 96.7 75.5 113.3

Manual Integrations  
APPROVED

MMDadoda

3/20/2019 10:27:28 AM



#6

Chloroethane

Concen: 48.195 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX008206.D

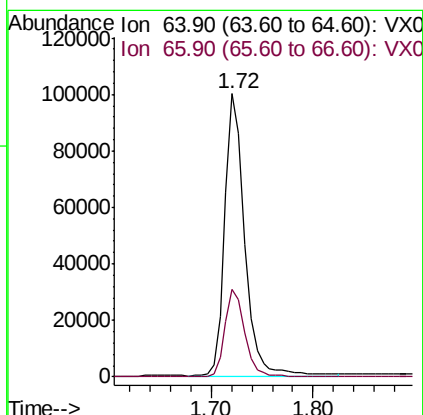
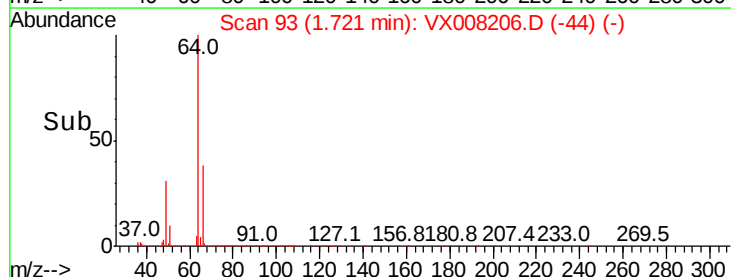
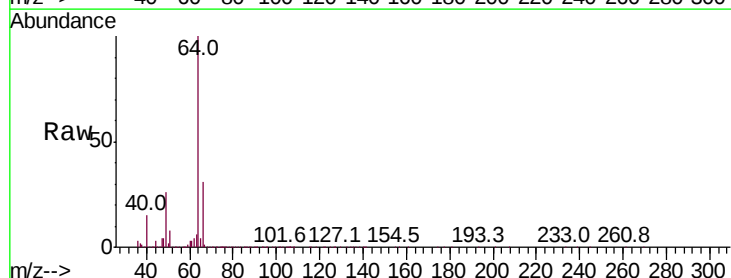
Acq: 19 Mar 2019 22:13

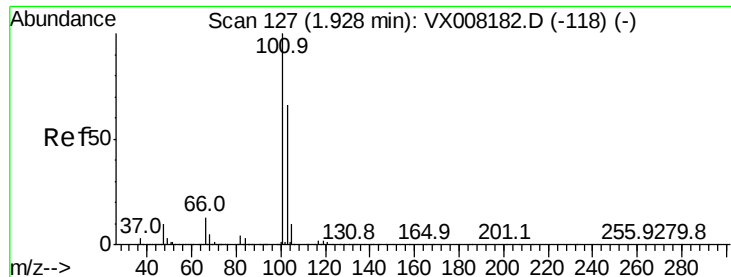
Tgt Ion: 64 Resp: 135103

Ion Ratio Lower Upper

64 100

66 30.9 25.2 37.8





#7

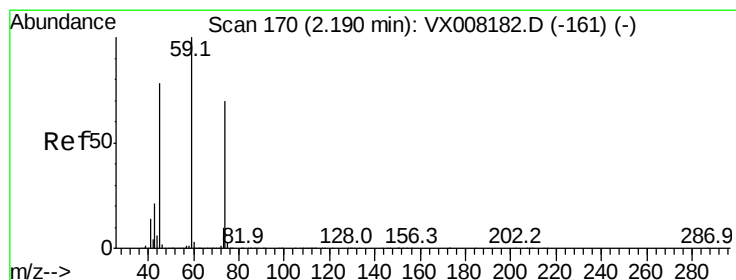
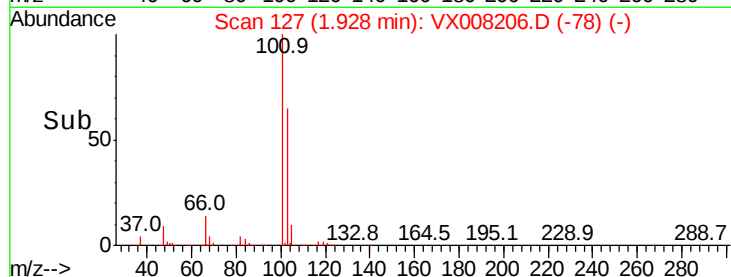
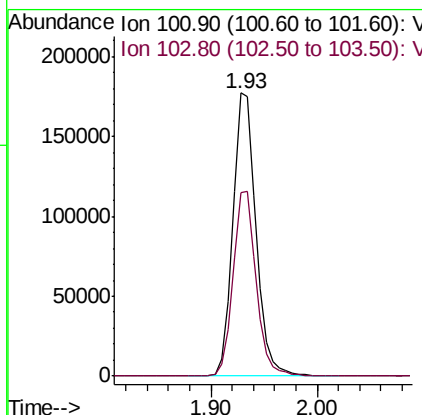
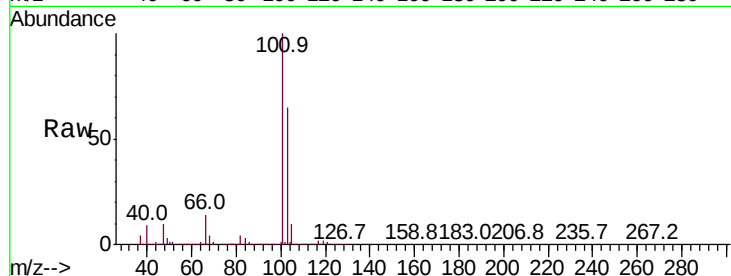
Trichlorofluoromethane  
Concen: 47.385 ug/l  
RT: 1.93 min Scan# 127  
Delta R.T. -0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 270371 |       |       |
| 103     | 64.8  | 50.4   | 75.6  |       |

Manual Integrations  
APPROVED

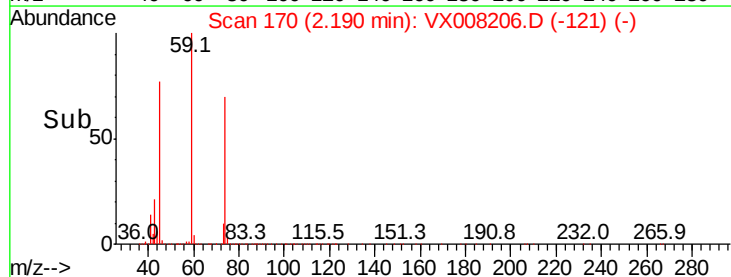
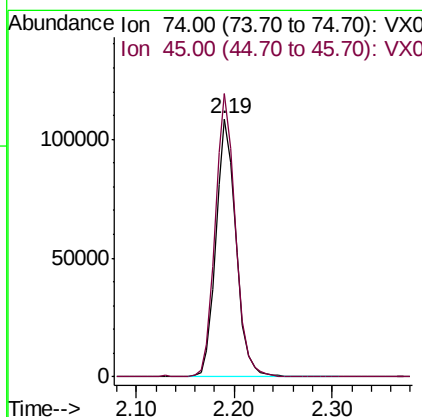
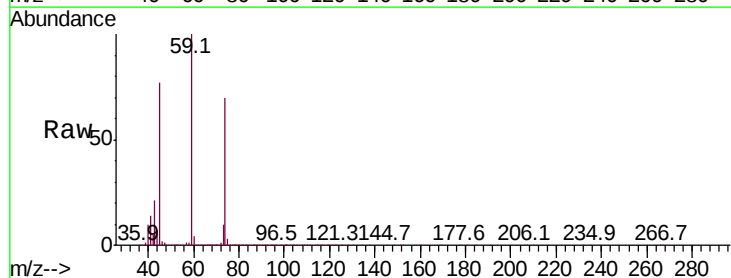
MMDadoda  
3/20/2019 10:27:28 AM

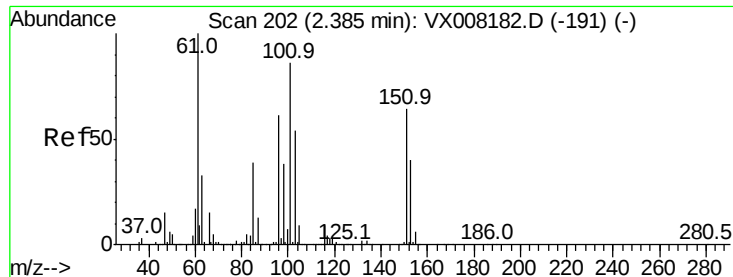


#8

Diethyl Ether  
Concen: 52.545 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. -0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 74      | 100   | 154253 |       |       |
| 45      | 110.0 | 52.1   | 156.4 |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.485 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA\_X

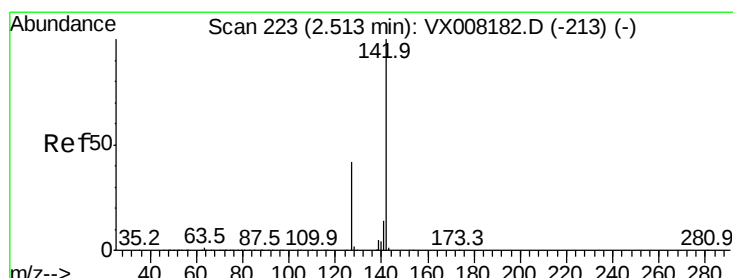
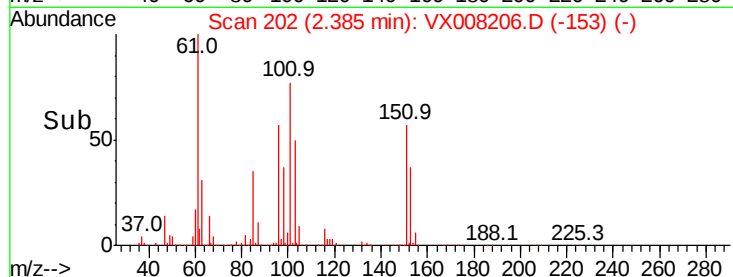
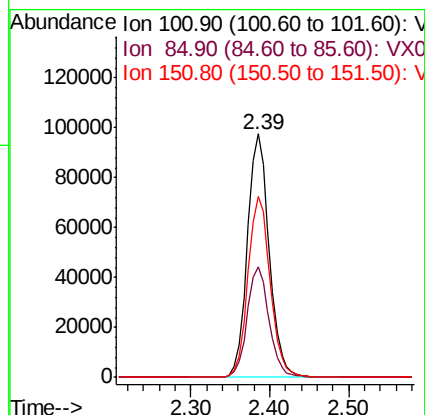
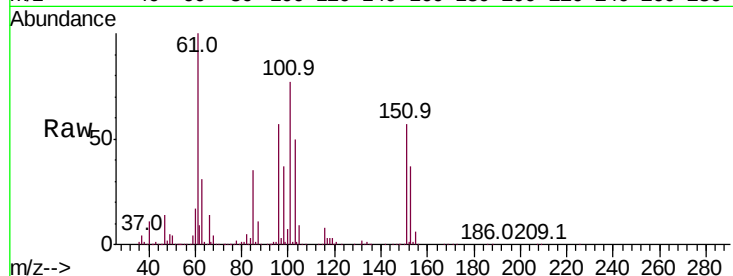
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 187464 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 45.6  | 33.8  | 50.6   |
| 151       | 75.8  | 69.1  | 103.7  |

Manual Integrations  
APPROVED

MMDadoda  
3/20/2019 10:27:28 AM



#10

Methyl Iodide

Concen: 53.400 ug/l

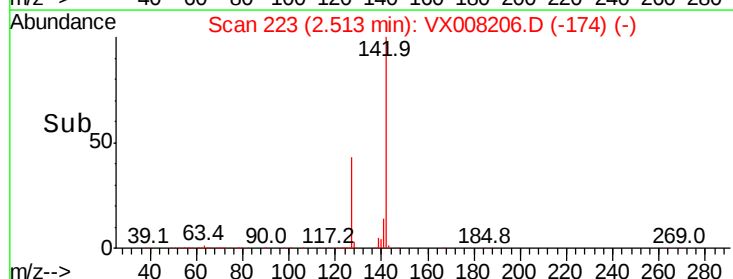
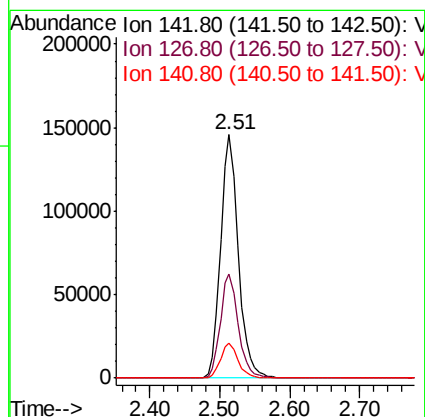
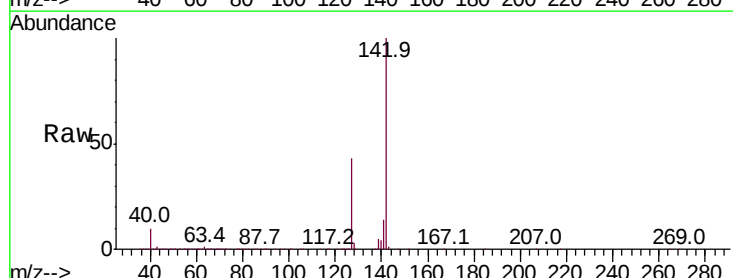
RT: 2.51 min Scan# 223

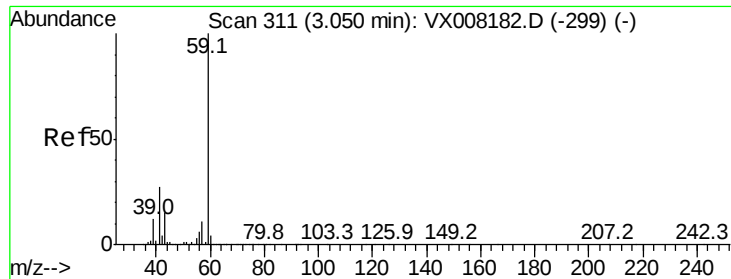
Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 257579 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 43.3  | 32.1  | 48.1   |
| 141       | 14.2  | 11.4  | 17.2   |





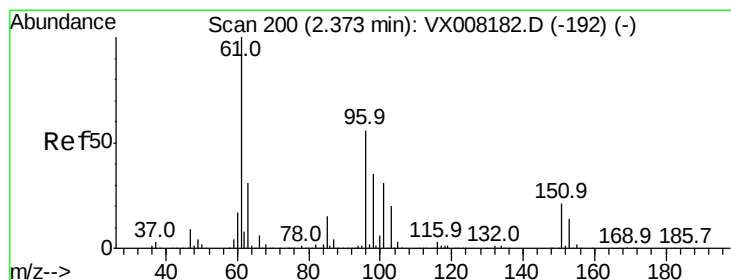
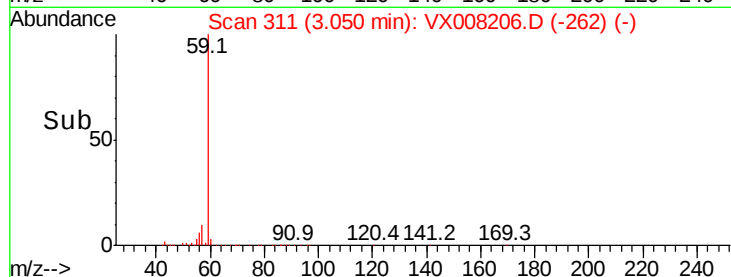
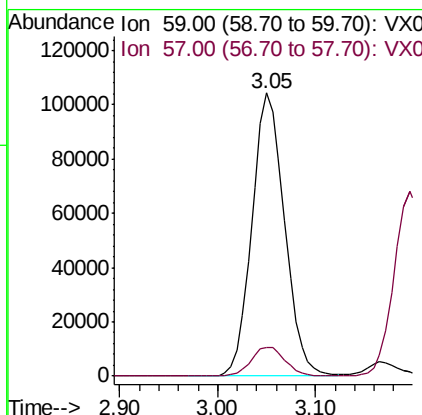
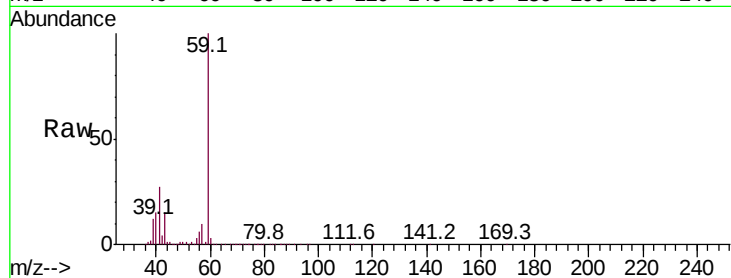
#11  
Tert butyl alcohol  
Concen: 253.981 ug/l  
RT: 3.05 min Scan# 311  
Delta R.T. -0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 59 Resp: 241371  
Ion Ratio Lower Upper  
59 100  
57 10.6 8.2 12.2

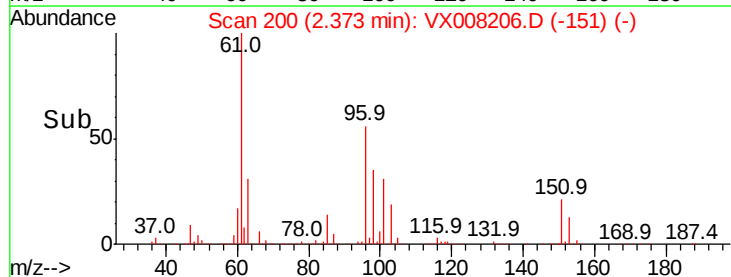
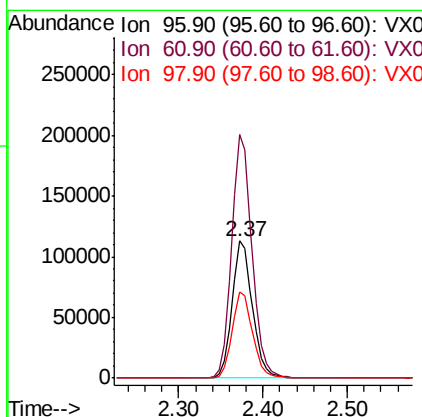
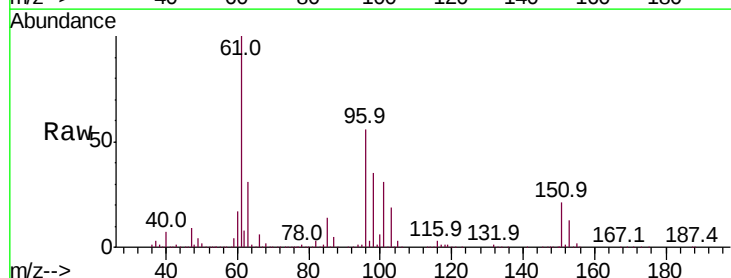
Manual Integrations  
APPROVED

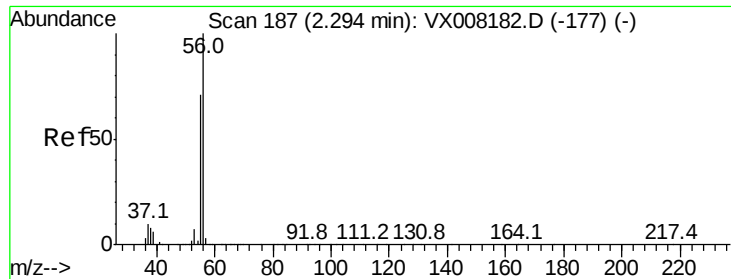
MMDadoda  
3/20/2019 10:27:28 AM



#12  
1,1-Dichloroethene  
Concen: 51.581 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. -0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

Tgt Ion: 96 Resp: 184479  
Ion Ratio Lower Upper  
96 100  
61 177.3 129.8 194.6  
98 62.7 51.0 76.6





#13

Acrolein

Concen: 208.745 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 140838

Ion Ratio Lower Upper

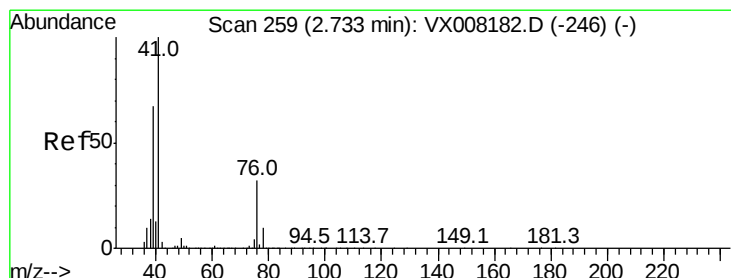
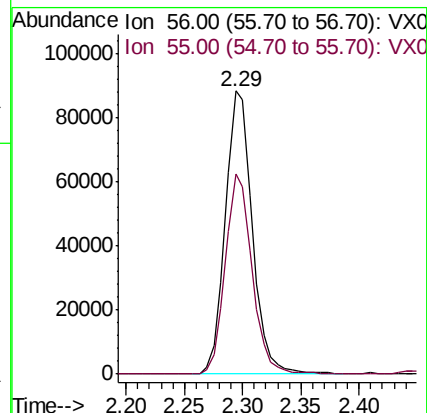
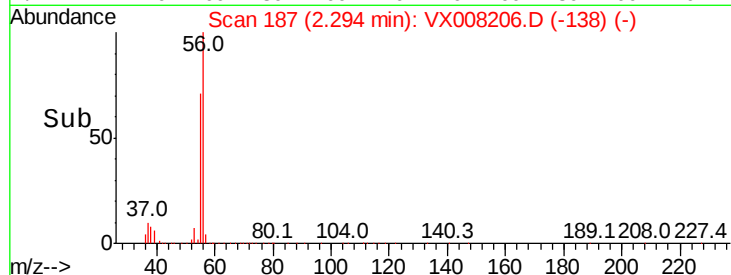
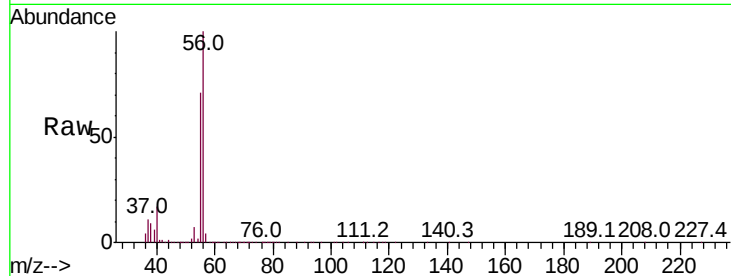
56 100

55 70.0 57.8 86.6

Manual Integrations  
APPROVED

MMDadoda

3/20/2019 10:27:28 AM



#14

Allyl chloride

Concen: 51.705 ug/l

RT: 2.73 min Scan# 259

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

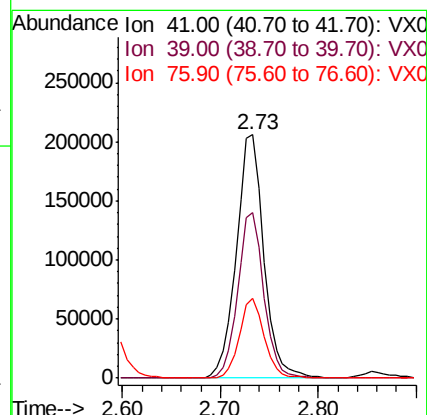
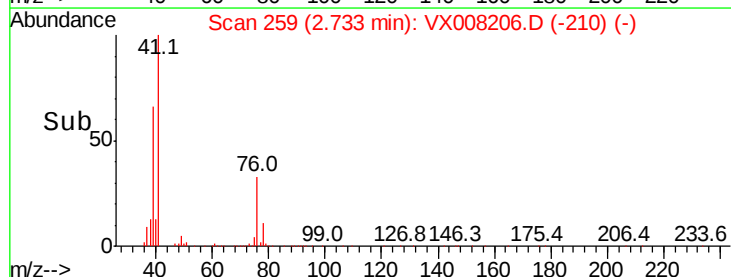
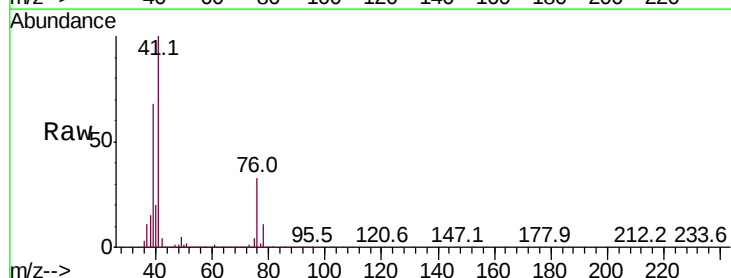
Tgt Ion: 41 Resp: 402553

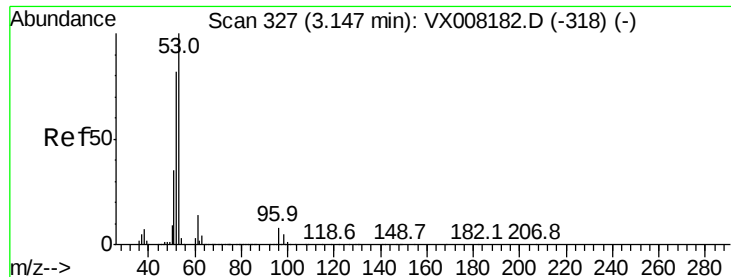
Ion Ratio Lower Upper

41 100

39 64.4 46.1 69.1

76 29.4 24.0 36.0





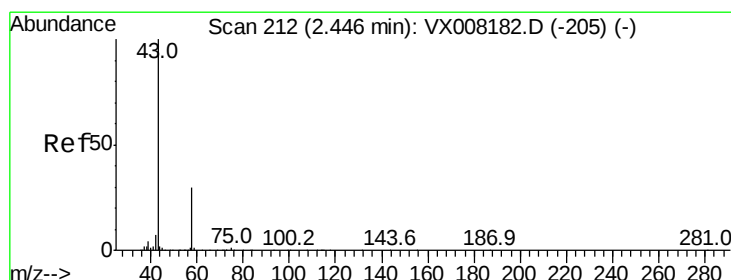
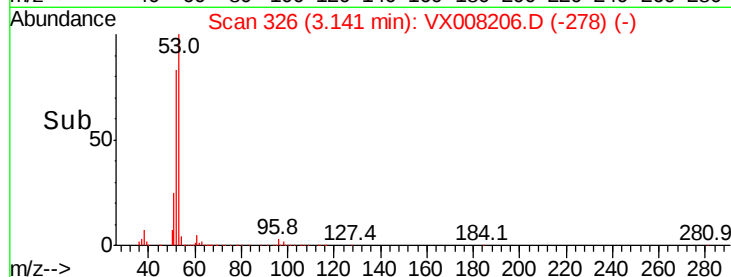
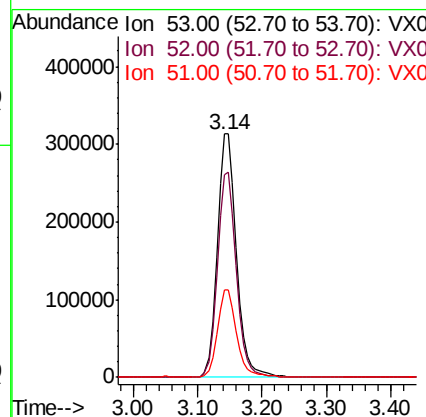
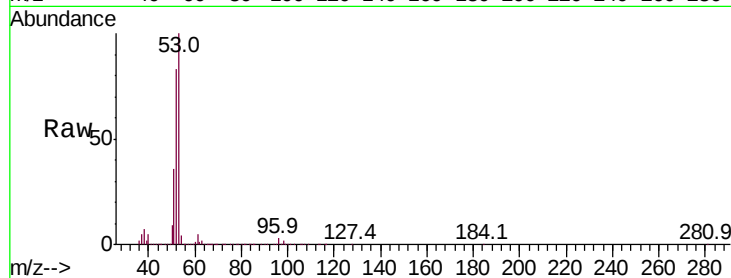
#15  
 Acrylonitrile  
 Concen: 259.389 ug/l  
 RT: 3.14 min Scan# 326  
 Delta R.T. -0.01 min  
 Lab File: VX008206.D  
 Acq: 19 Mar 2019 22:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 53      | 100   |       |       |
| 52      | 83.7  | 66.0  | 99.0  |
| 51      | 36.2  | 28.0  | 42.0  |

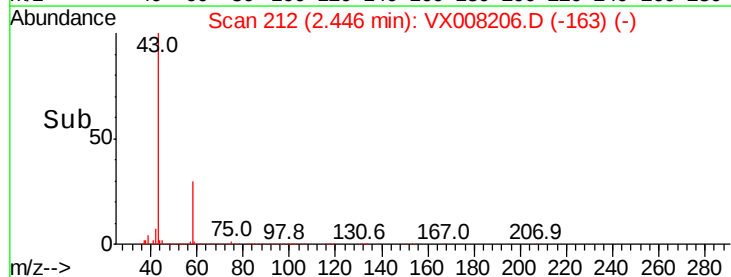
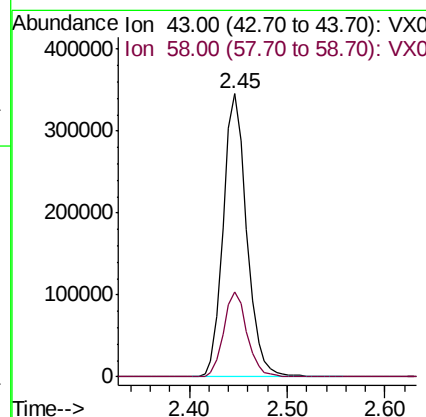
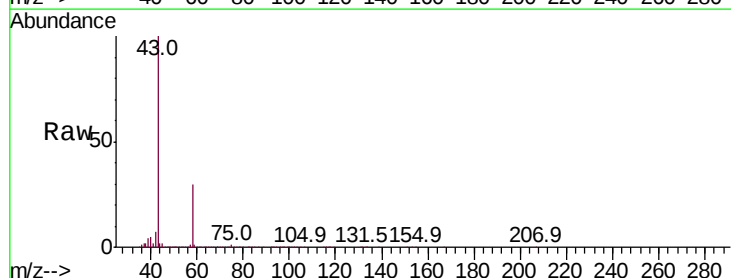
Manual Integrations  
 APPROVED

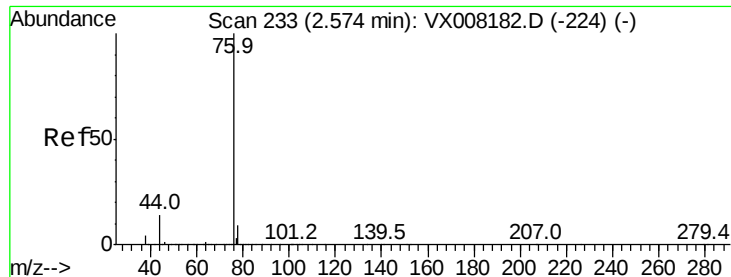
MMDadoda  
 3/20/2019 10:27:28 AM



#16  
 Acetone  
 Concen: 227.948 ug/l  
 RT: 2.45 min Scan# 212  
 Delta R.T. -0.00 min  
 Lab File: VX008206.D  
 Acq: 19 Mar 2019 22:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 30.0  | 25.5  | 38.3  |





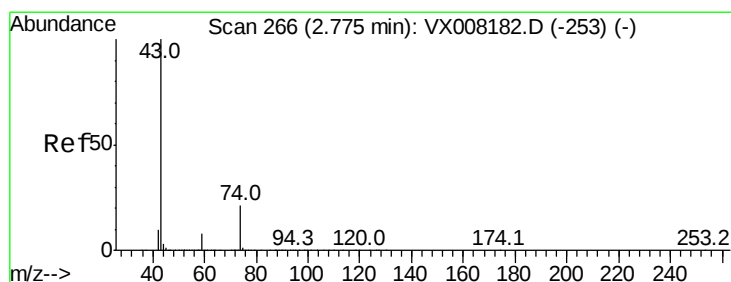
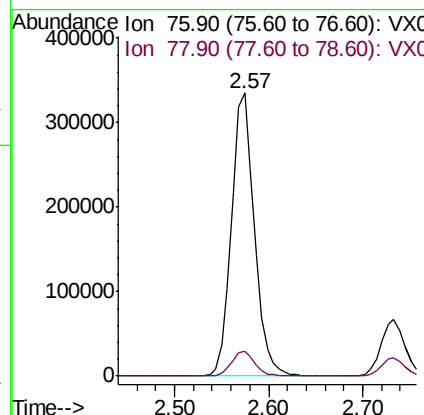
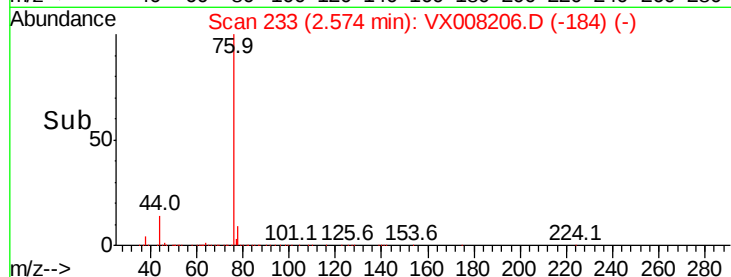
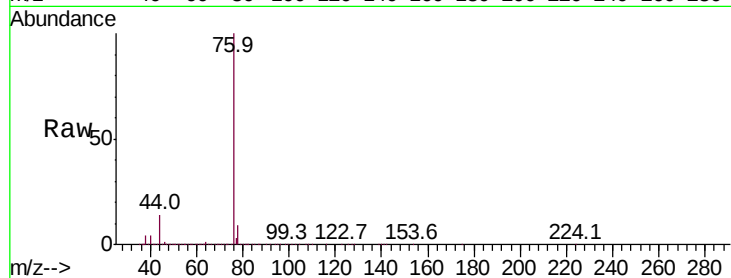
#17  
Carbon Disulfide  
Concen: 48.436 ug/l  
RT: 2.57 min Scan# 233  
Delta R.T. 0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 8.8   | 7.2   | 10.8  |

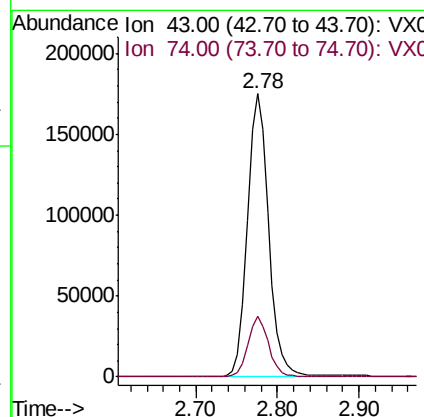
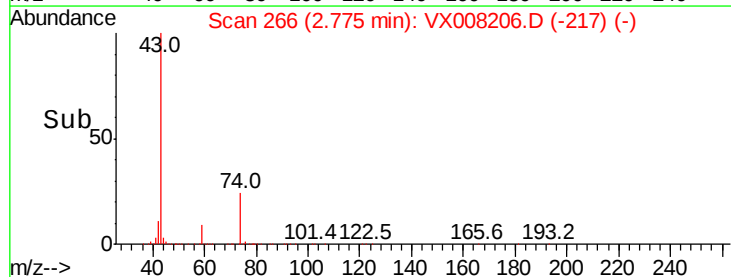
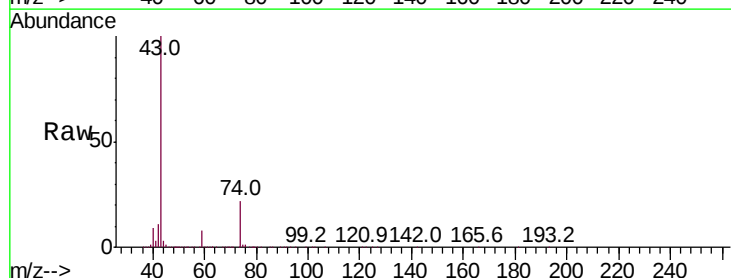
Manual Integrations  
APPROVED

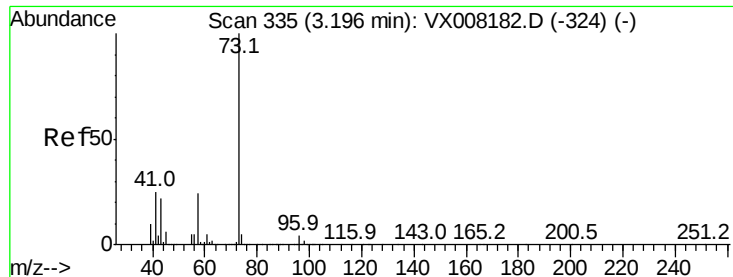
MMDadoda  
3/20/2019 10:27:28 AM



#18  
Methyl Acetate  
Concen: 54.105 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. -0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 21.2  | 17.8  | 26.6  |





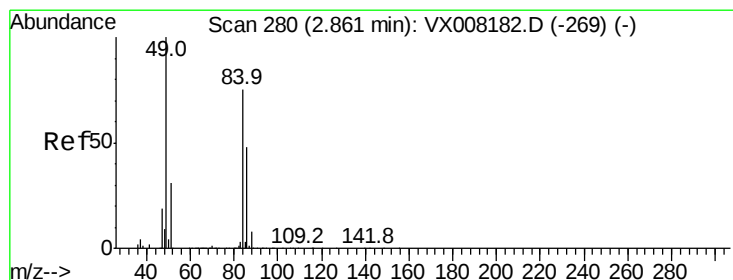
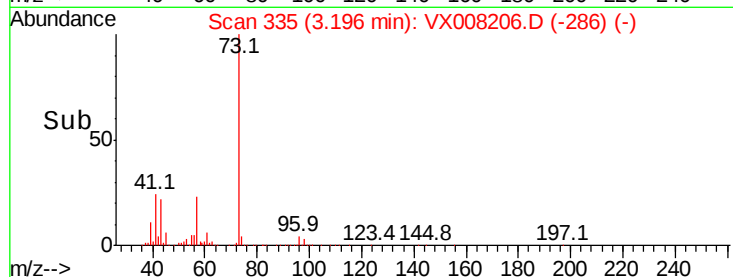
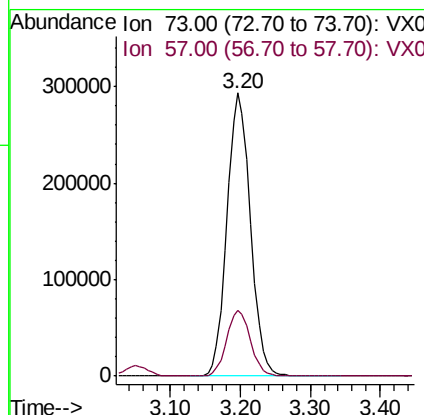
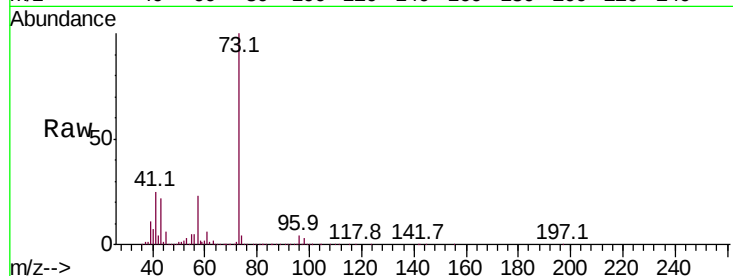
#19  
Methyl tert-butyl Ether  
Concen: 52.712 ug/l  
RT: 3.20 min Scan# 335  
Delta R.T. -0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 23.2  | 18.2  | 27.4  |

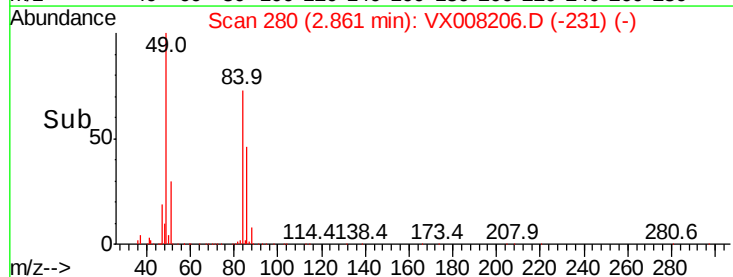
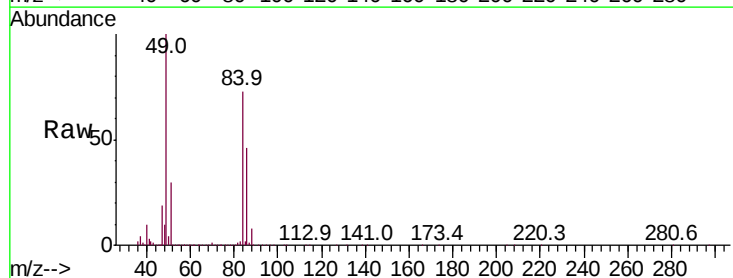
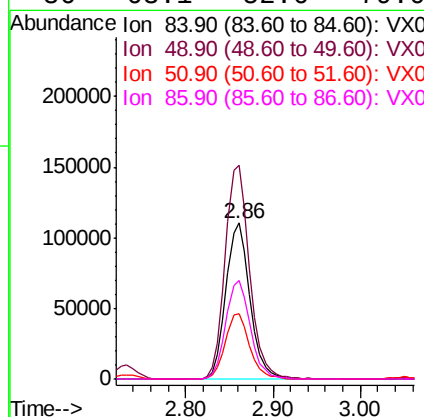
Manual Integrations  
APPROVED

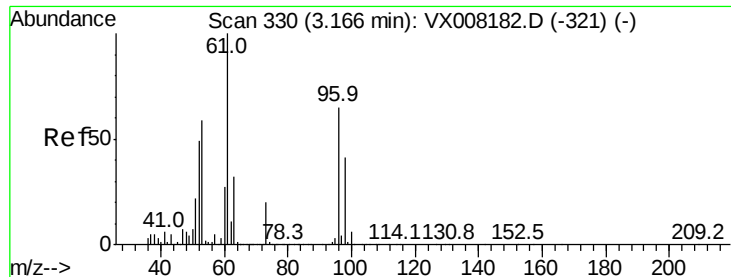
MMDadoda  
3/20/2019 10:27:28 AM



#20  
Methylene Chloride  
Concen: 50.338 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. -0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 136.9 | 99.3  | 148.9 |
| 51      | 41.5  | 31.3  | 46.9  |
| 86      | 63.1  | 52.6  | 79.0  |





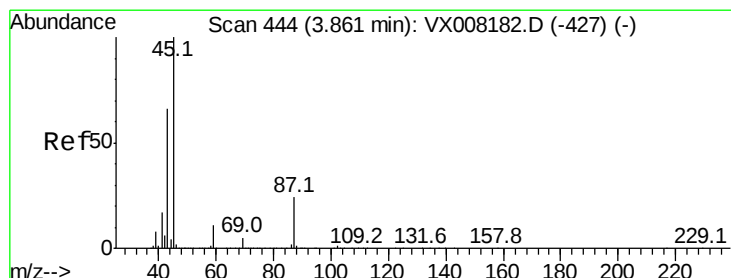
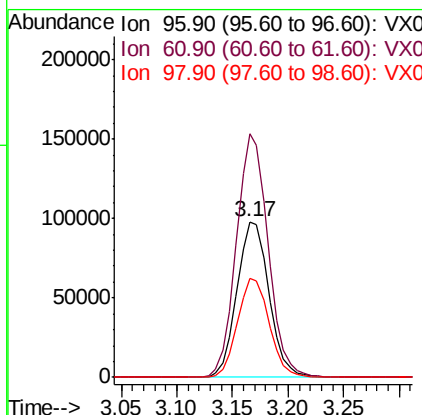
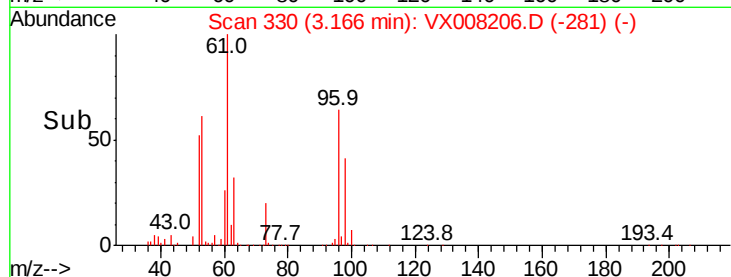
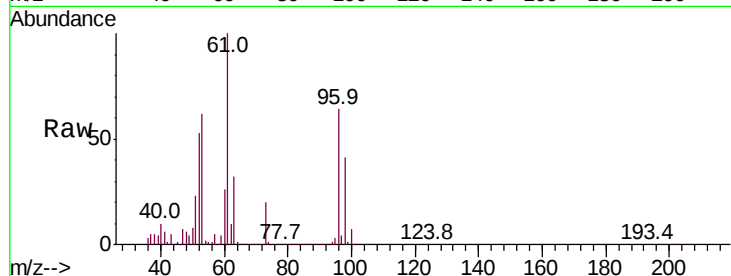
#21  
trans-1,2-Dichloroethene  
Concen: 50.802 ug/l  
RT: 3.17 min Scan# 330  
Delta R.T. -0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 156.3 | 114.4 | 171.6 |
| 98      | 63.5  | 51.1  | 76.7  |

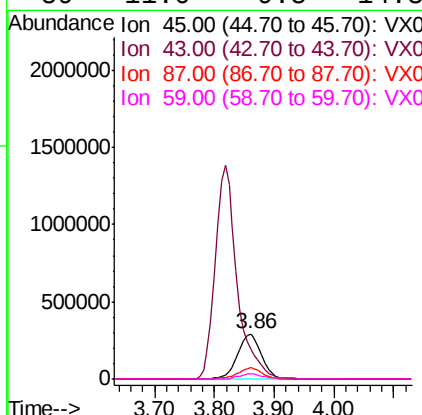
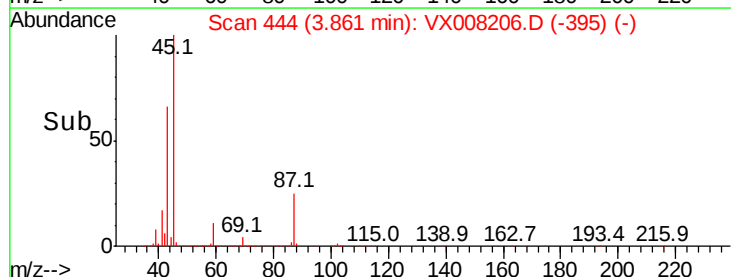
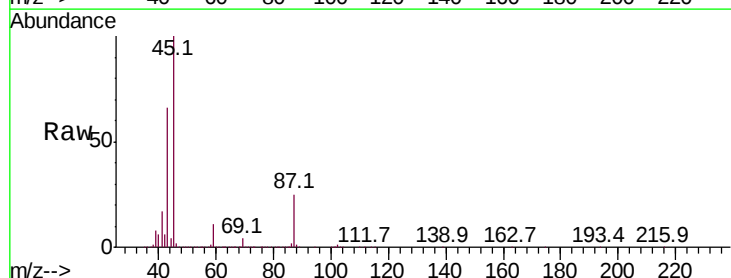
Manual Integrations  
APPROVED

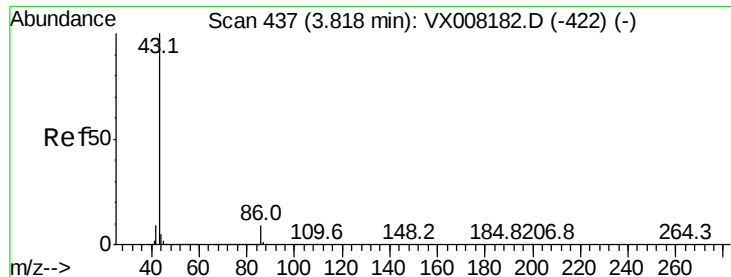
MMDadoda  
3/20/2019 10:27:28 AM



#22  
Diisopropyl ether  
Concen: 52.875 ug/l  
RT: 3.86 min Scan# 444  
Delta R.T. -0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 65.8  | 45.3  | 67.9  |
| 87      | 24.9  | 21.4  | 32.0  |
| 59      | 11.0  | 9.5   | 14.3  |





#23

Vinyl Acetate

Concen: 269.629 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3524834

Ion Ratio Lower Upper

43 100

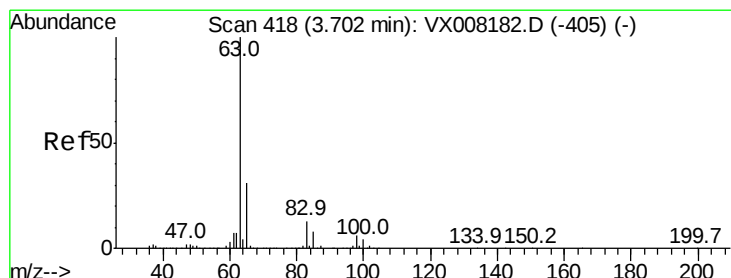
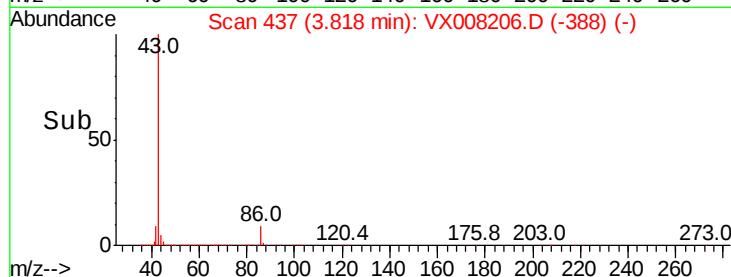
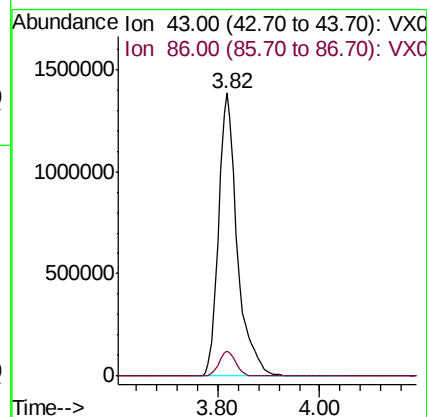
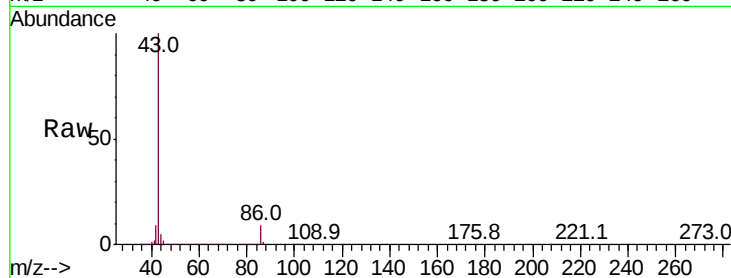
86 8.9 7.9 11.9

Manual Integrations

APPROVED

MMDadoda

3/20/2019 10:27:28 AM



#24

1,1-Dichloroethane

Concen: 51.941 ug/l

RT: 3.70 min Scan# 418

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

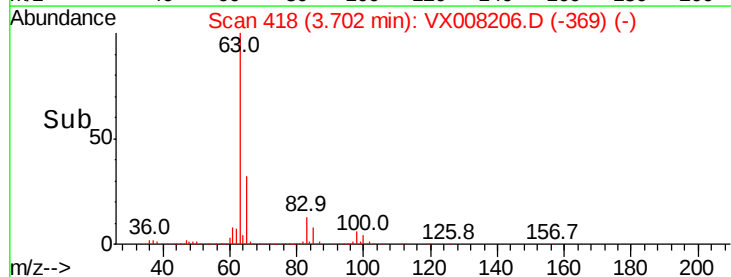
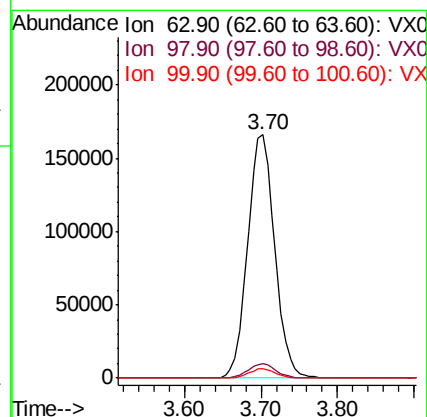
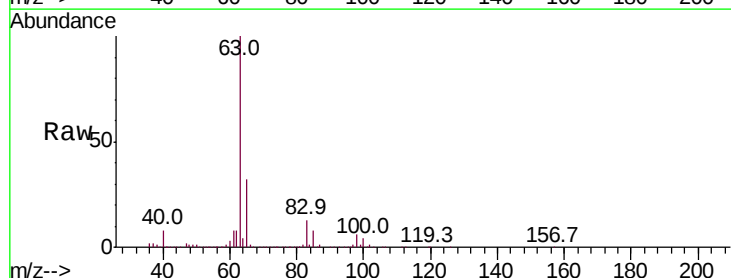
Tgt Ion: 63 Resp: 407341

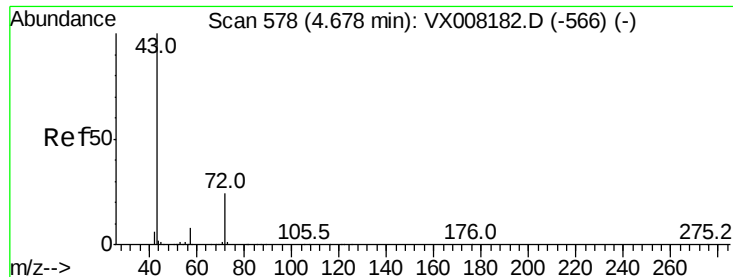
Ion Ratio Lower Upper

63 100

98 5.9 3.3 9.8

100 3.8 2.3 6.8





#25

2-Butanone

Concen: 255.786 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 950672

Ion Ratio Lower Upper

43 100

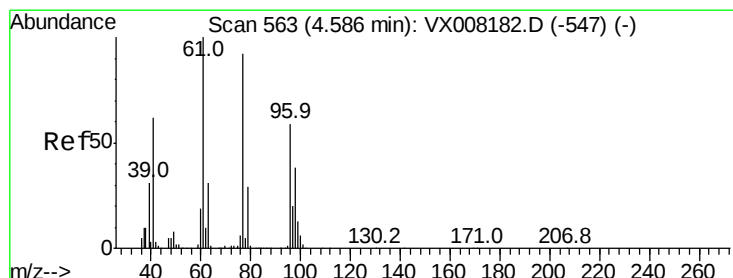
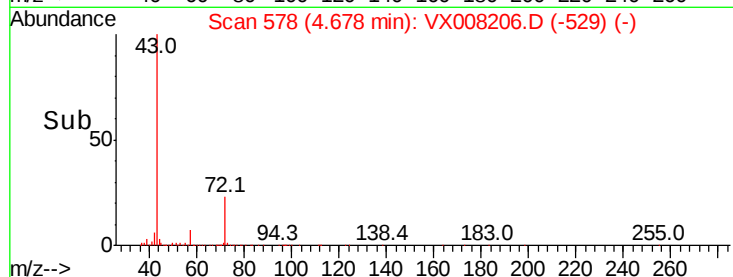
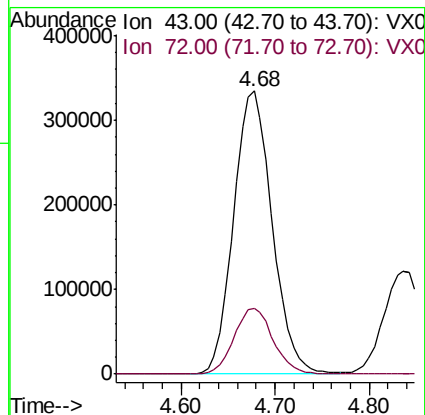
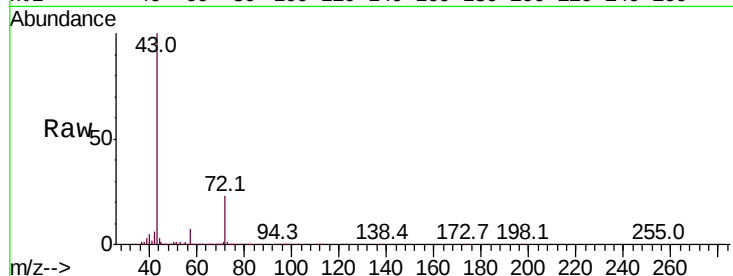
72 23.3 19.9 29.9

Manual Integrations

APPROVED

MMDadoda

3/20/2019 10:27:28 AM



#26

2,2-Dichloropropane

Concen: 46.672 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX008206.D

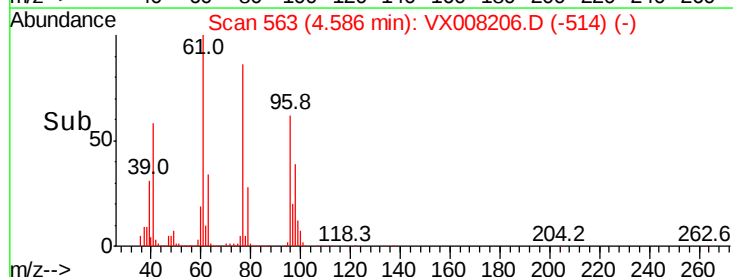
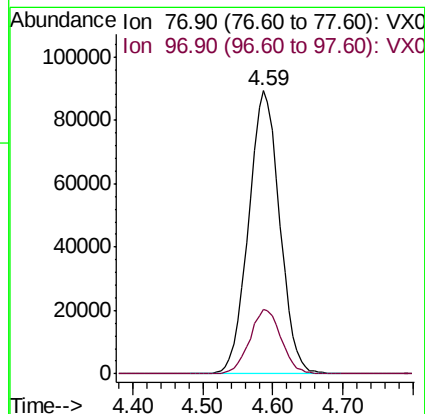
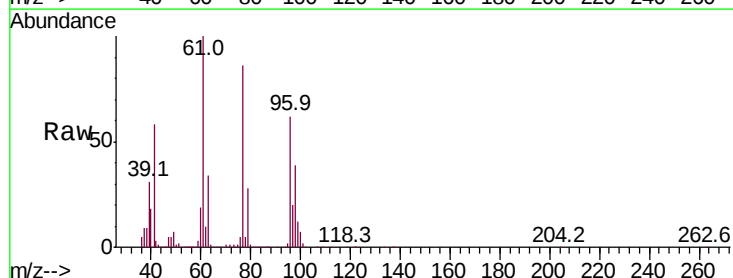
Acq: 19 Mar 2019 22:13

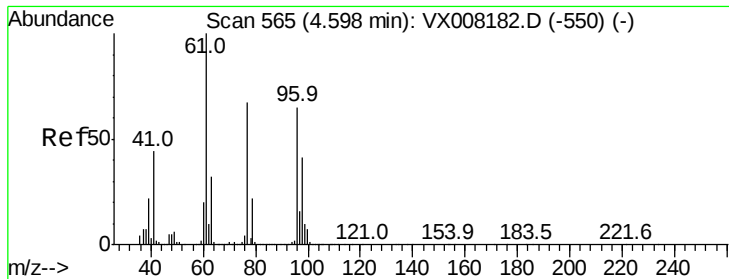
Tgt Ion: 77 Resp: 275733

Ion Ratio Lower Upper

77 100

97 23.2 12.2 36.6





#27

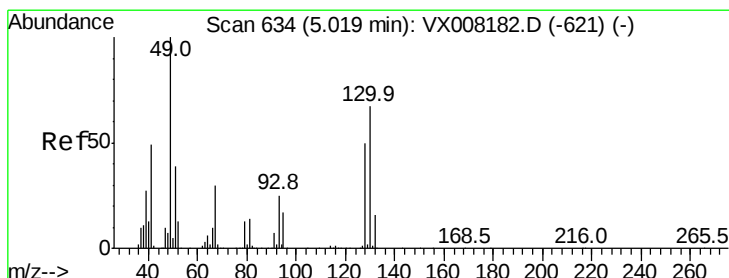
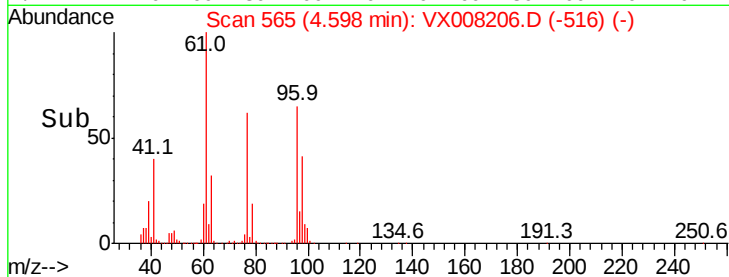
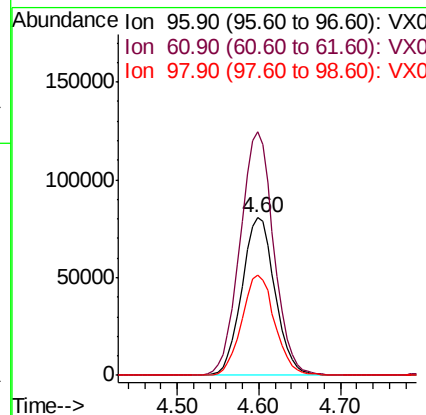
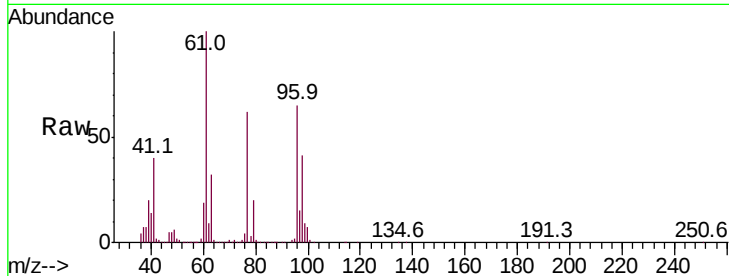
cis-1,2-Dichloroethene  
 Concen: 51.487 ug/l  
 RT: 4.60 min Scan# 565  
 Delta R.T. -0.00 min  
 Lab File: VX008206.D  
 Acq: 19 Mar 2019 22:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 226779 |       |       |
| 61      | 157.2 | 0.0    | 288.0 |       |
| 98      | 63.7  | 0.0    | 129.0 |       |

Manual Integrations  
 APPROVED

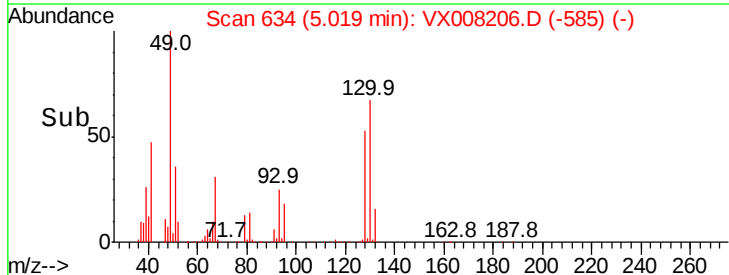
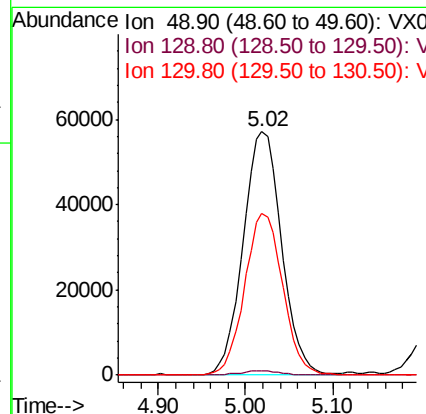
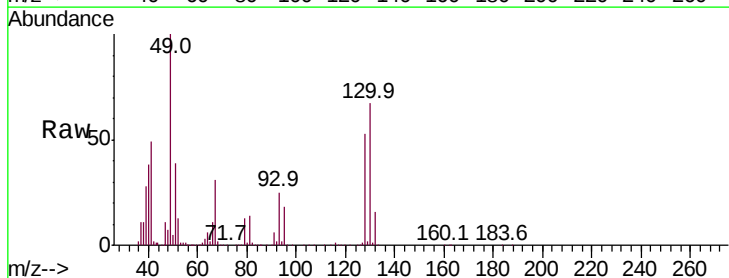
MMDadoda  
 3/20/2019 10:27:28 AM

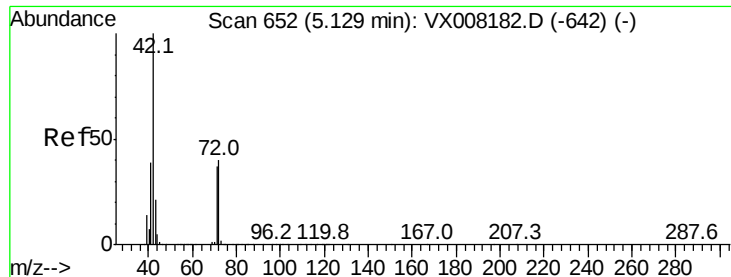


#28

Bromochloromethane  
 Concen: 49.423 ug/l  
 RT: 5.02 min Scan# 634  
 Delta R.T. -0.00 min  
 Lab File: VX008206.D  
 Acq: 19 Mar 2019 22:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 174045 |       |       |
| 129     | 1.9   | 0.0    | 4.0   |       |
| 130     | 65.9  | 65.0   | 97.4  |       |





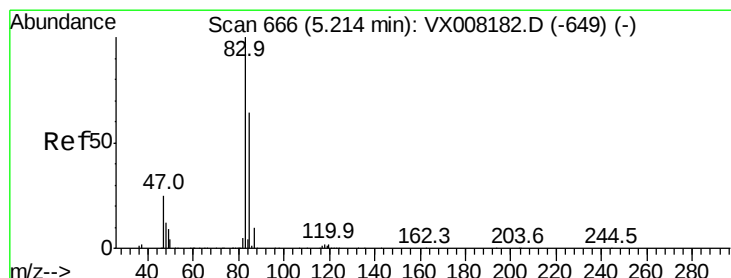
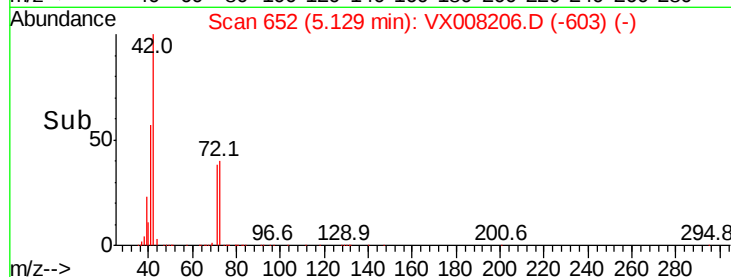
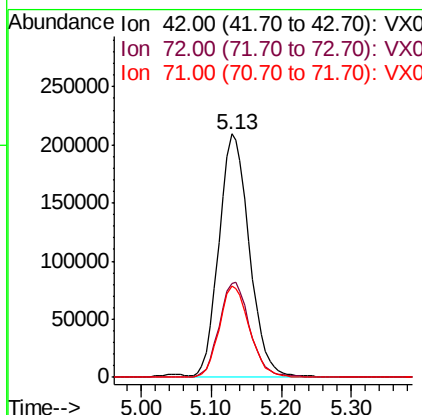
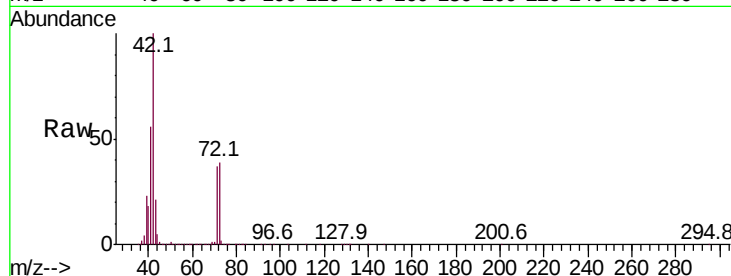
#29  
Tetrahydrofuran  
Concen: 270.983 ug/l  
RT: 5.13 min Scan# 652  
Delta R.T. -0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 39.7  | 33.8  | 50.6  |
| 71      | 37.6  | 31.5  | 47.3  |

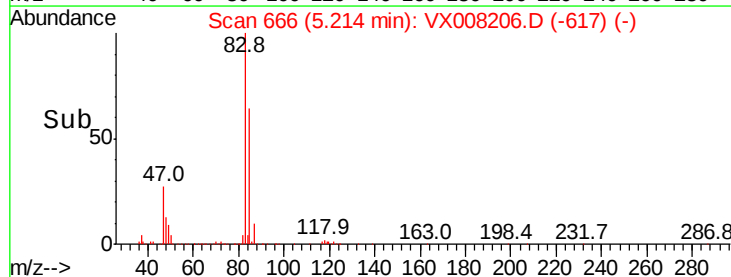
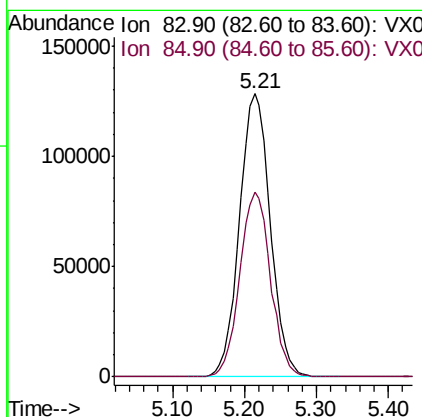
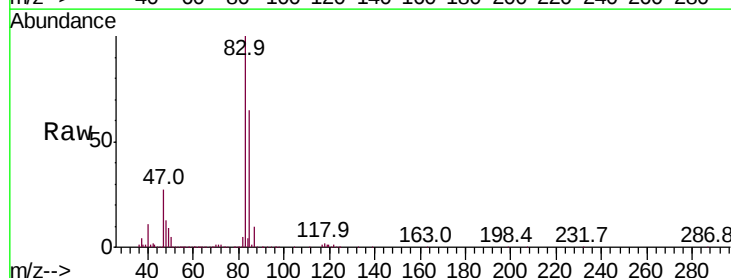
Manual Integrations  
APPROVED

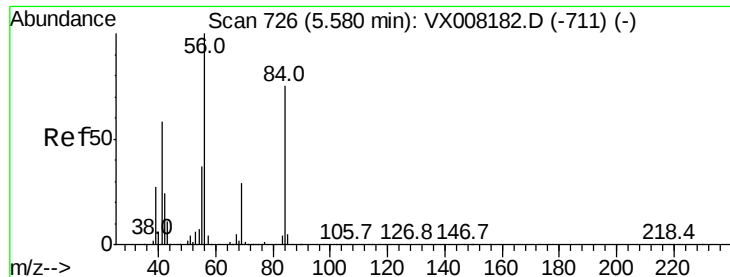
MMDadoda  
3/20/2019 10:27:28 AM



#30  
Chloroform  
Concen: 52.040 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. -0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.5  | 51.8  | 77.6  |





#31

Cyclohexane

Concen: 52.297 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA\_X

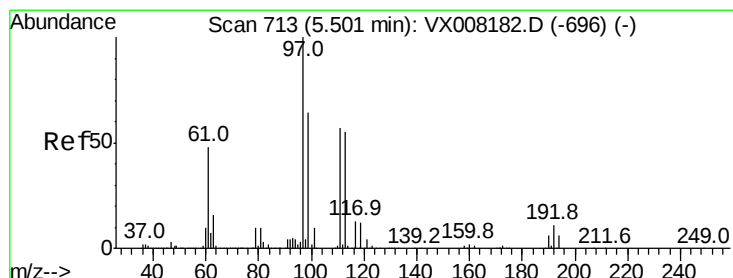
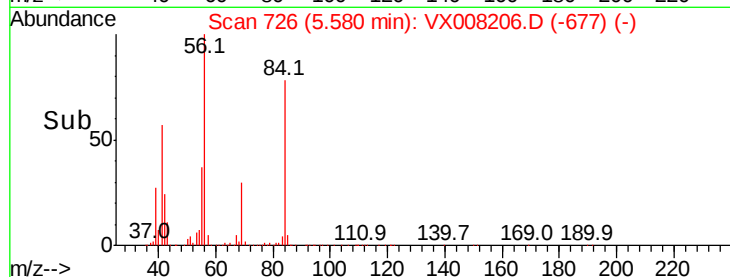
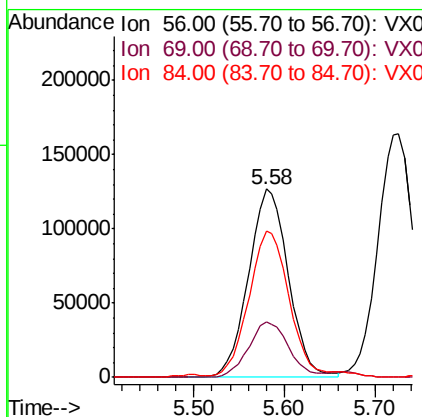
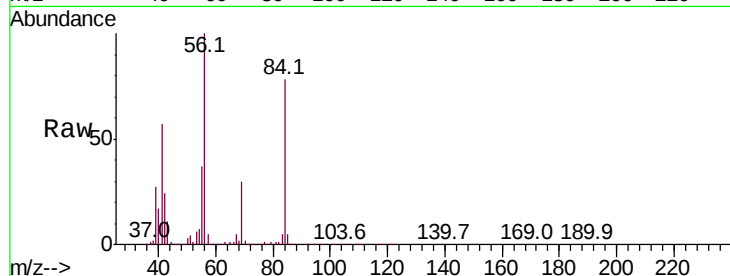
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 56    | Resp: | 385130 |
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 29.8  | 24.0  | 36.0   |
| 84        | 76.7  | 65.3  | 97.9   |

Manual Integrations  
APPROVED

MMDadoda  
3/20/2019 10:27:28 AM



#32

1,1,1-Trichloroethane

Concen: 52.384 ug/l

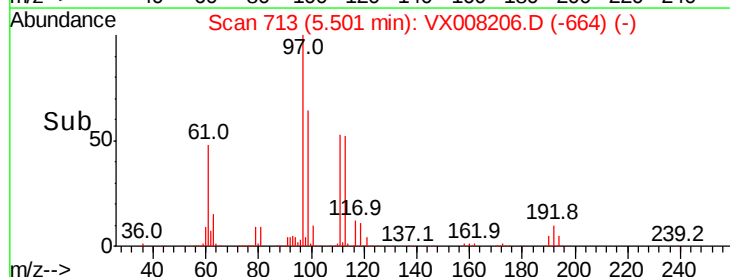
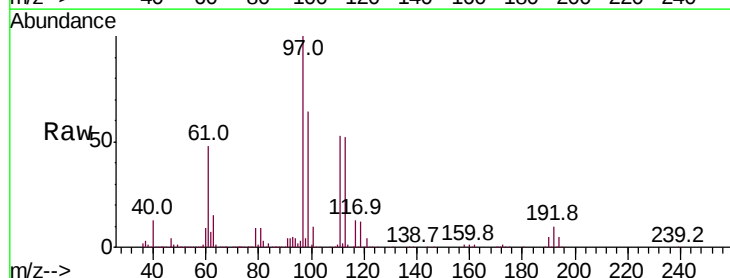
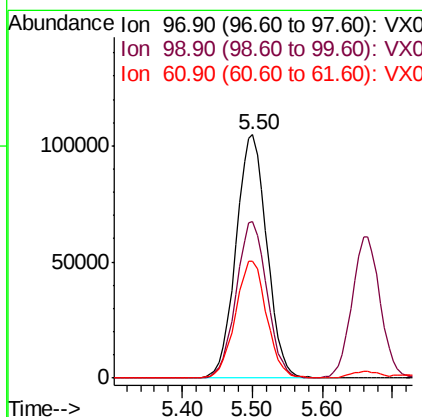
RT: 5.50 min Scan# 713

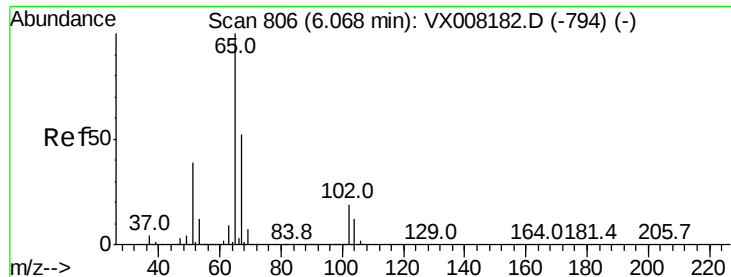
Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 97    | Resp: | 319667 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 64.5  | 52.2  | 78.2   |
| 61        | 48.6  | 34.9  | 52.3   |





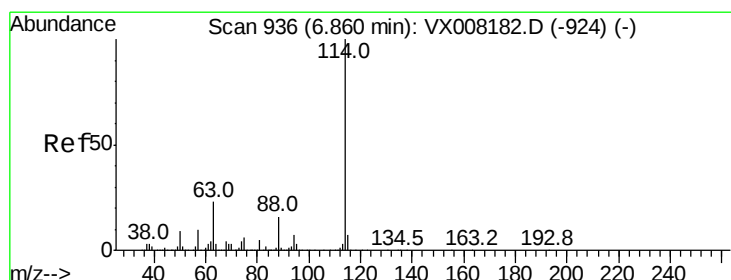
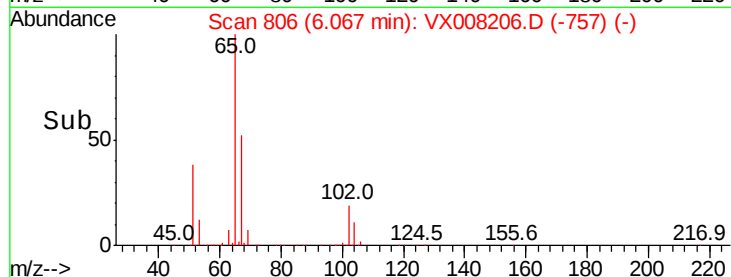
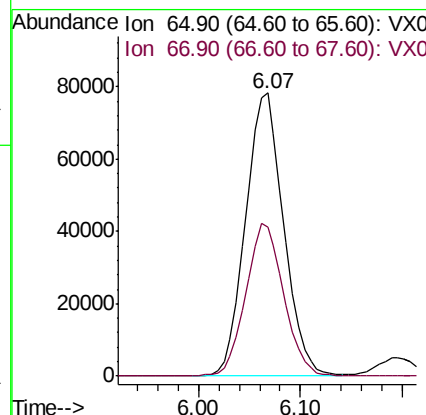
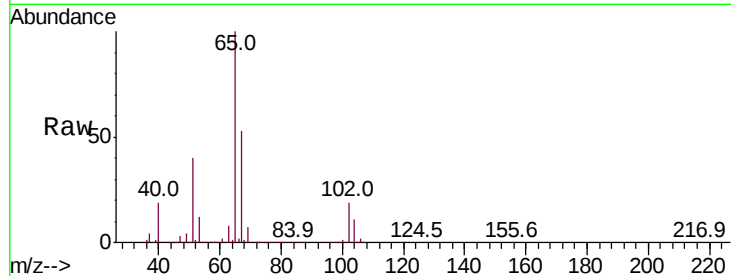
#33  
 1,2-Dichloroethane-d4  
 Concen: 45.626 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. -0.00 min  
 Lab File: VX008206.D  
 Acq: 19 Mar 2019 22:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 53.5  | 0.0   | 110.0 |

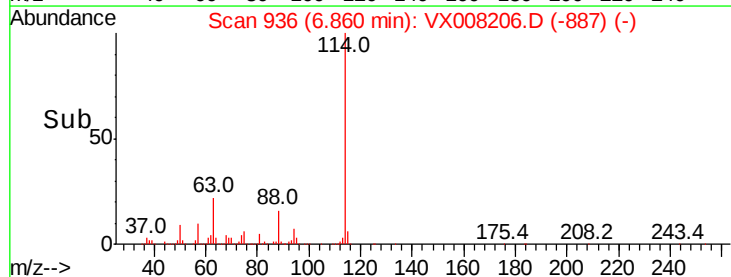
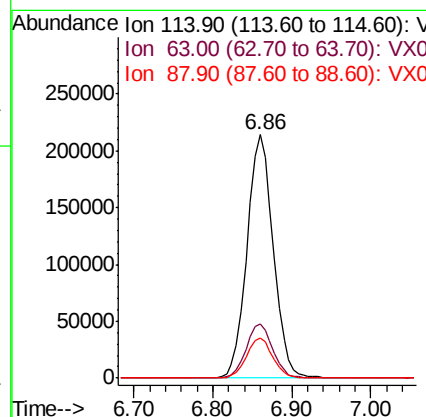
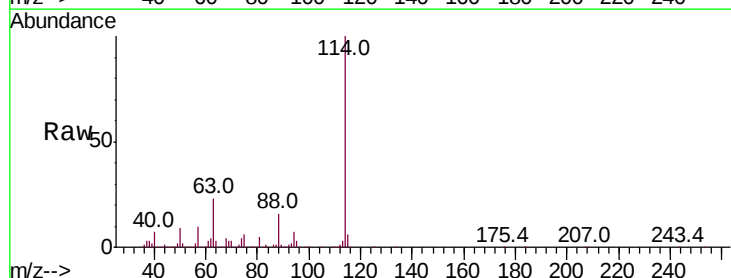
Manual Integrations  
 APPROVED

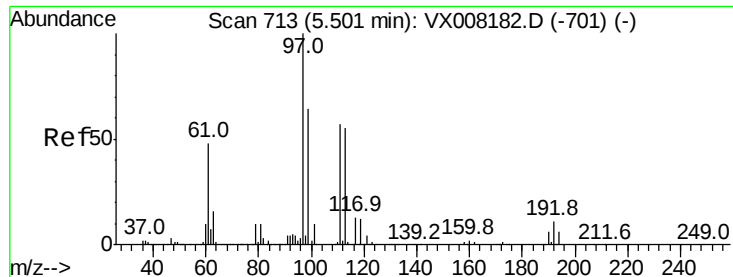
MMDadoda  
 3/20/2019 10:27:28 AM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX008206.D  
 Acq: 19 Mar 2019 22:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 22.5  | 0.0   | 39.8  |
| 88      | 16.2  | 0.0   | 31.4  |





#35

Dibromofluoromethane

Concen: 46.284 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA\_X

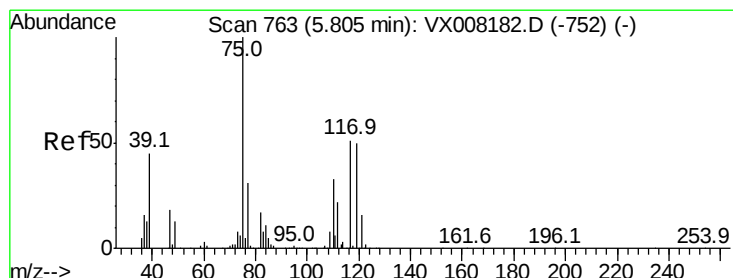
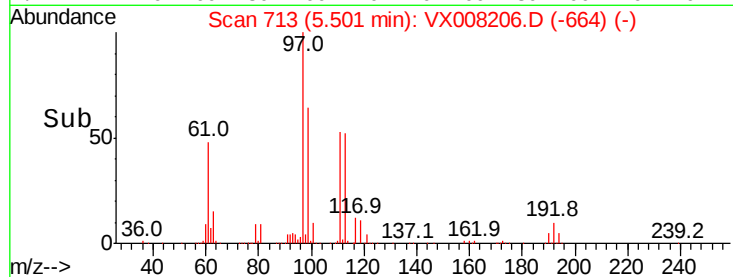
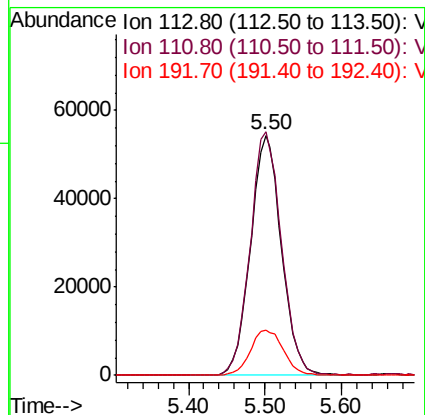
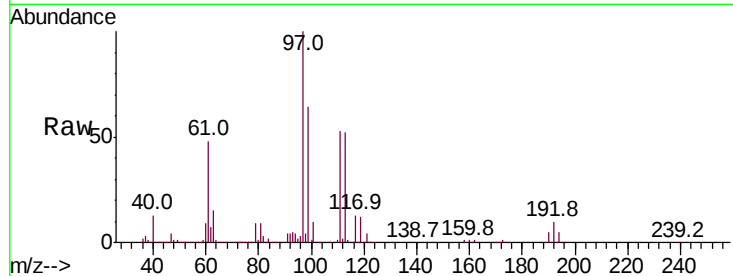
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 153116 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.5 | 81.4  | 122.0  |
| 192       | 20.1  | 19.4  | 29.0   |

Manual Integrations  
APPROVED

MMDadoda  
3/20/2019 10:27:28 AM



#36

1,1-Dichloropropene

Concen: 51.304 ug/l

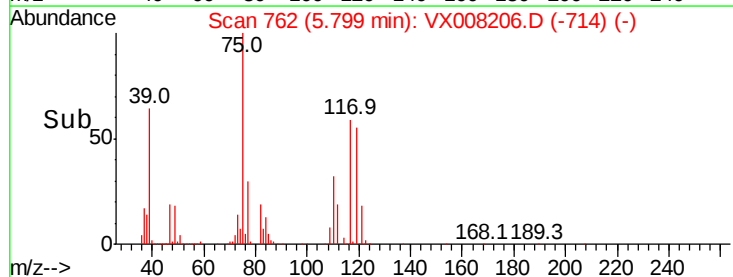
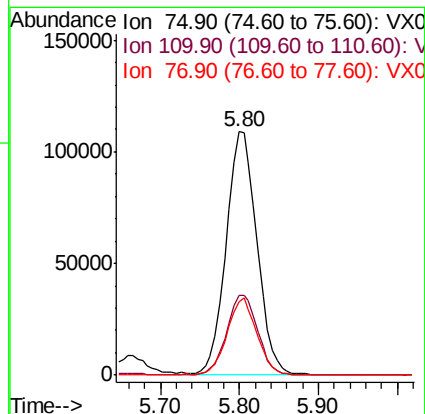
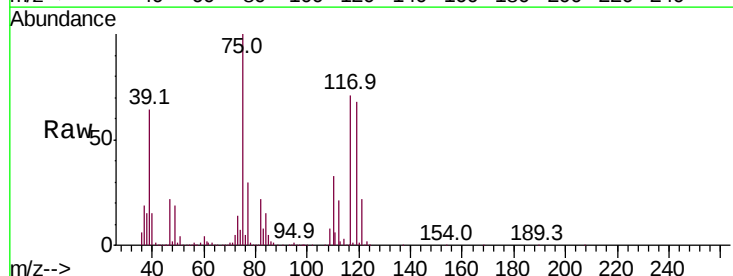
RT: 5.80 min Scan# 762

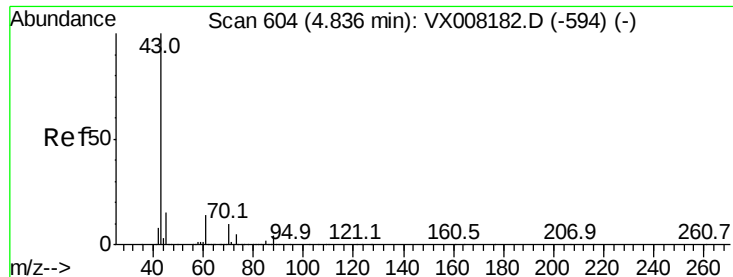
Delta R.T. -0.01 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 295177 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 33.4  | 18.4  | 55.0   |
| 77        | 30.5  | 25.0  | 37.4   |





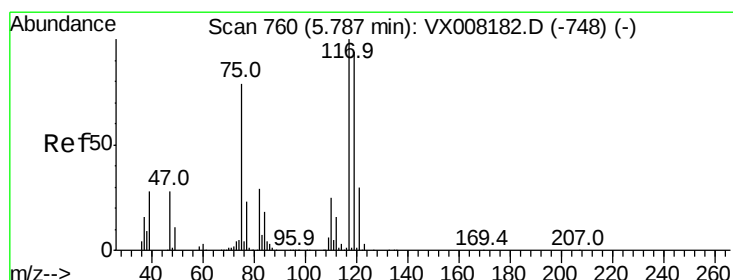
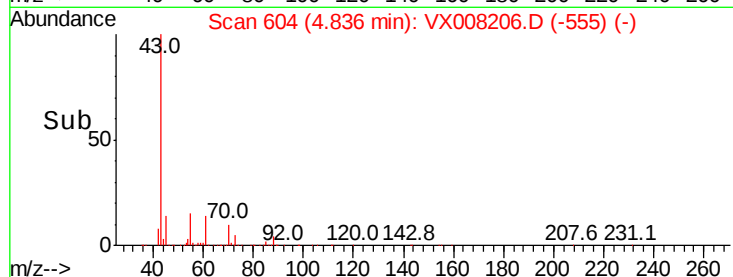
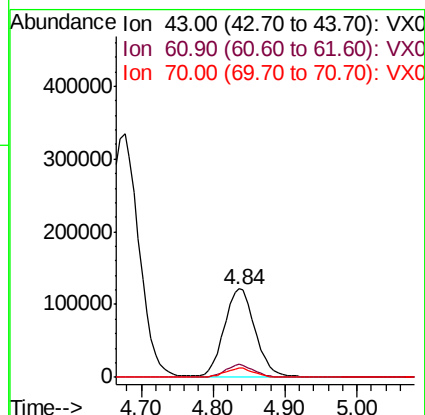
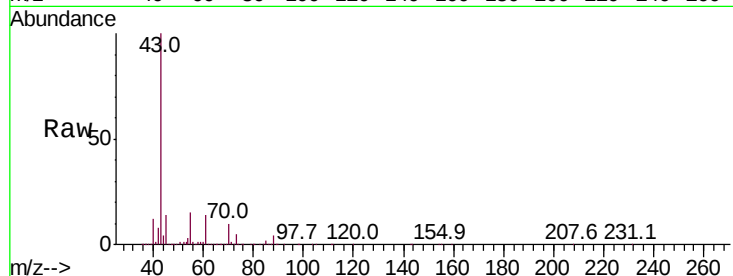
#37  
Ethyl Acetate  
Concen: 53.558 ug/l  
RT: 4.84 min Scan# 604  
Delta R.T. -0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 13.1  | 11.3  | 16.9  |
| 70      | 9.9   | 8.5   | 12.7  |

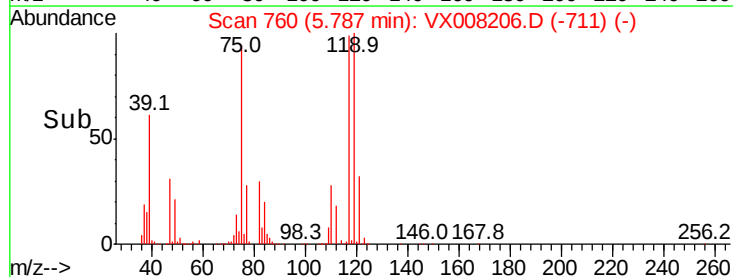
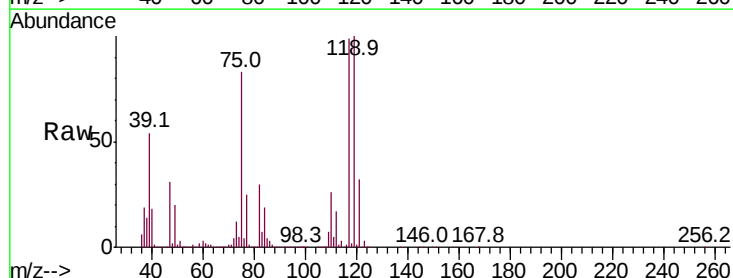
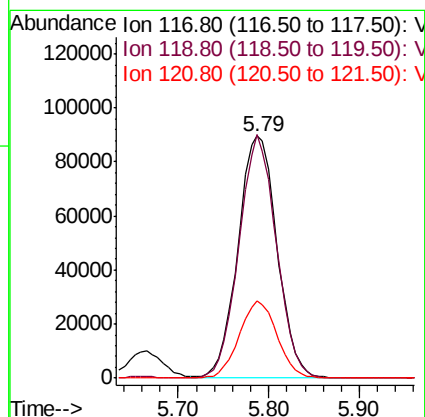
Manual Integrations  
APPROVED

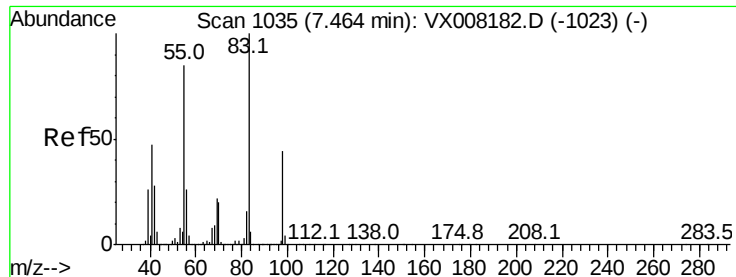
MMDadoda  
3/20/2019 10:27:28 AM



#38  
Carbon Tetrachloride  
Concen: 51.959 ug/l  
RT: 5.79 min Scan# 760  
Delta R.T. -0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 100.7 | 76.2  | 114.2 |
| 121     | 32.0  | 24.6  | 36.8  |





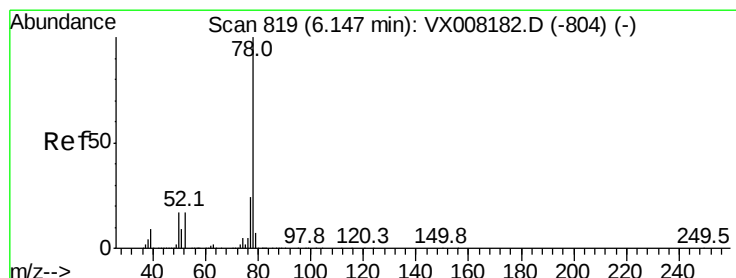
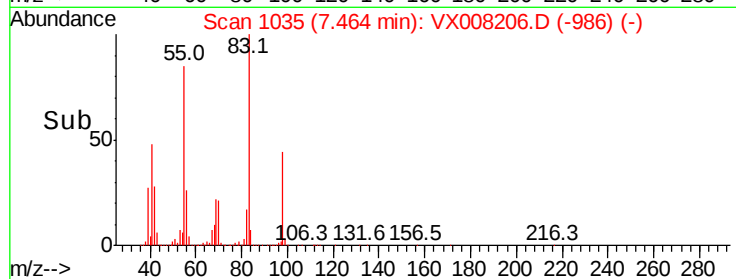
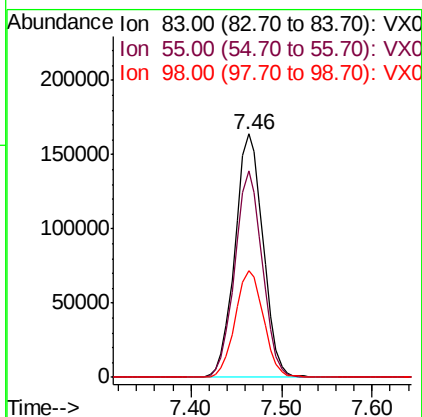
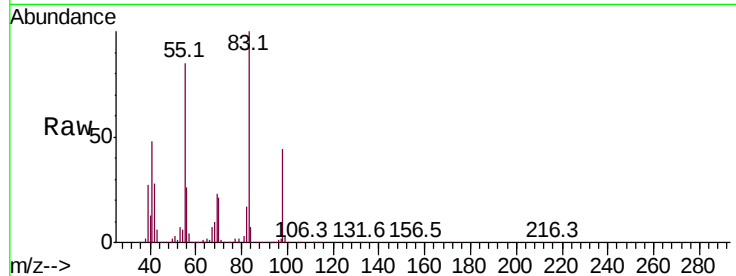
#39  
Methvlcvclohexane  
Concen: 50.719 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 351165 |       |       |
| 55      | 85.0  |        | 60.4  | 90.6  |
| 98      | 43.9  |        | 36.5  | 54.7  |

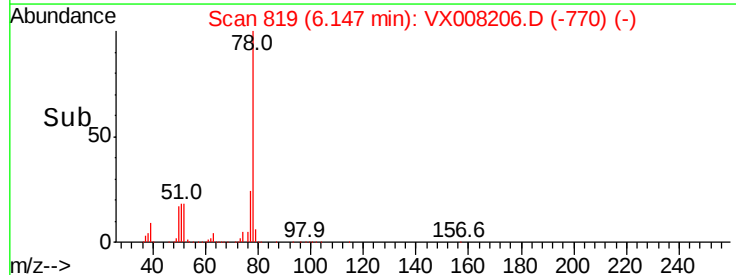
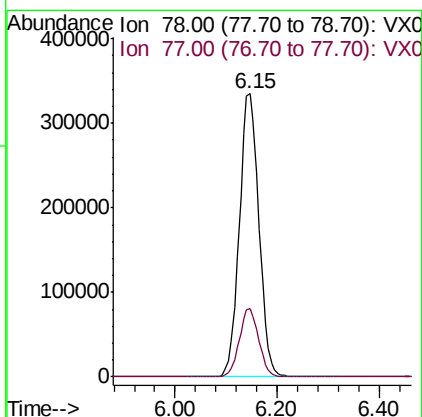
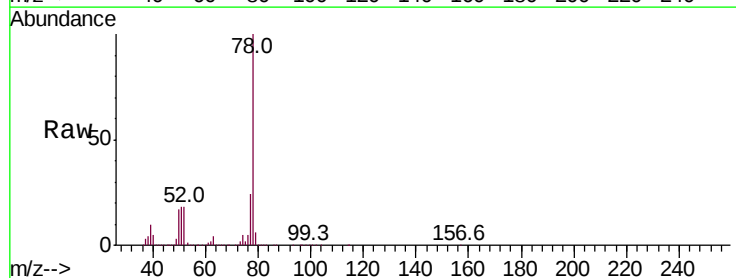
Manual Integrations  
APPROVED

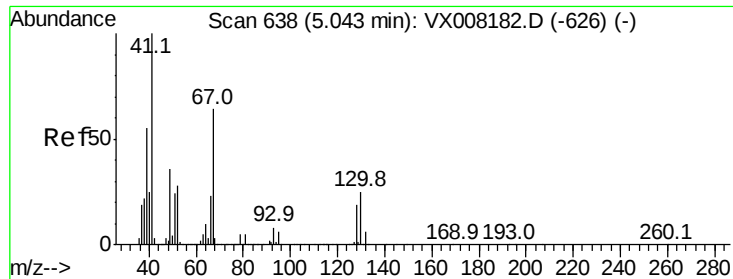
MMDadoda  
3/20/2019 10:27:28 AM



#40  
Benzene  
Concen: 52.330 ug/l  
RT: 6.15 min Scan# 819  
Delta R.T. -0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 78      | 100   | 891142 |       |       |
| 77      | 24.3  |        | 19.0  | 28.4  |





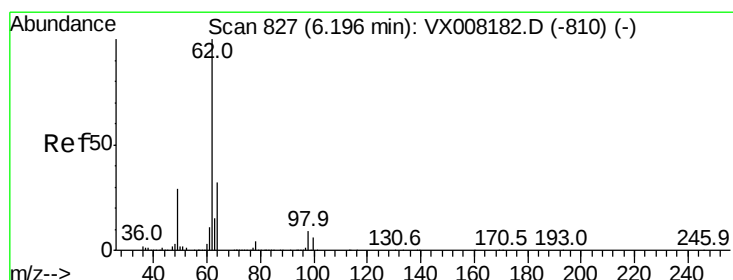
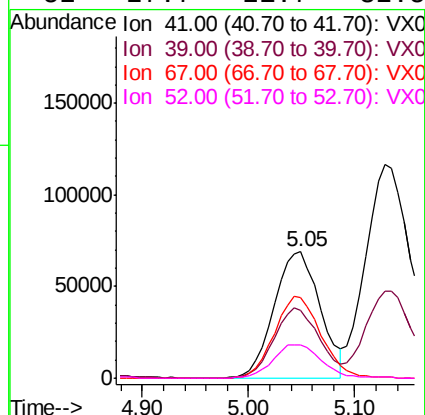
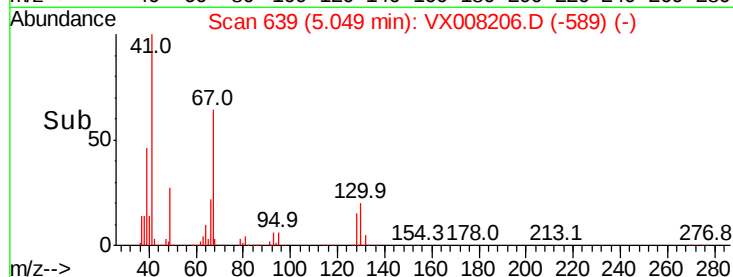
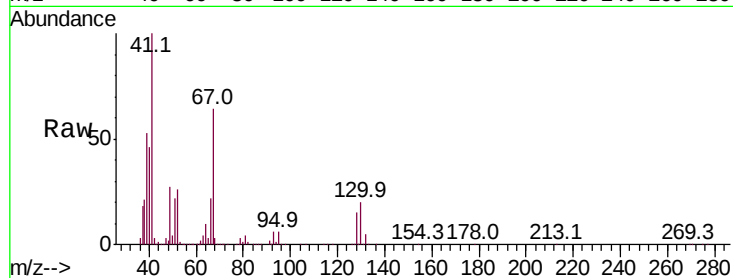
#41  
Methacrylonitrile  
Concen: 53.826 ug/l  
RT: 5.05 min Scan# 639  
Delta R.T. 0.01 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 41      | 100  |       |       |       |
| 39      | 54.6 | 41.6  | 62.4  |       |
| 67      | 65.8 | 55.8  | 83.6  |       |
| 52      | 27.7 | 21.7  | 32.5  |       |

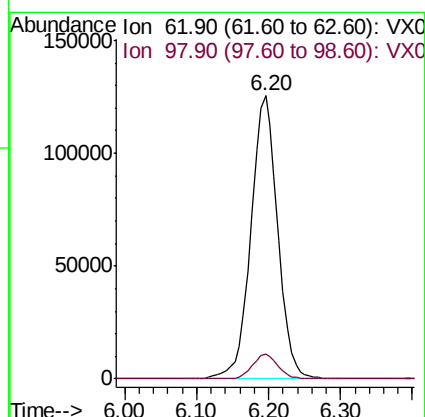
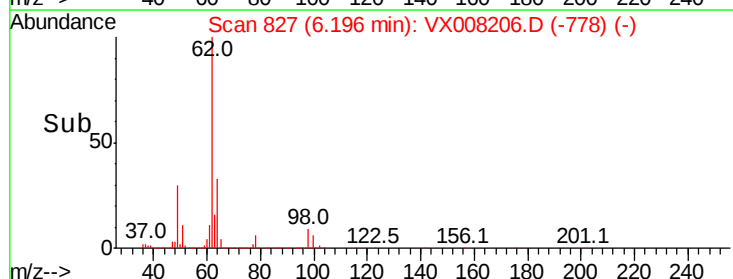
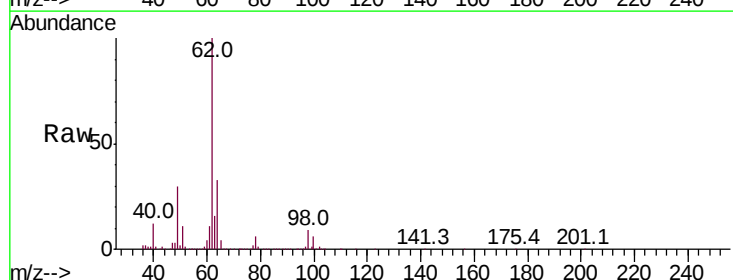
Manual Integrations  
APPROVED

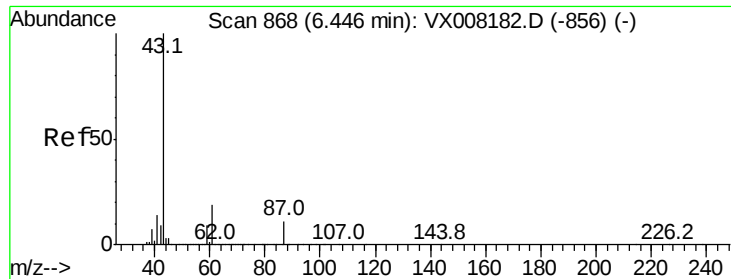
MMDadoda  
3/20/2019 10:27:28 AM



#42  
1,2-Dichloroethane  
Concen: 51.651 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. -0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 100 |       |       |       |
| 98      | 8.5 | 0.0   | 20.4  |       |





#43

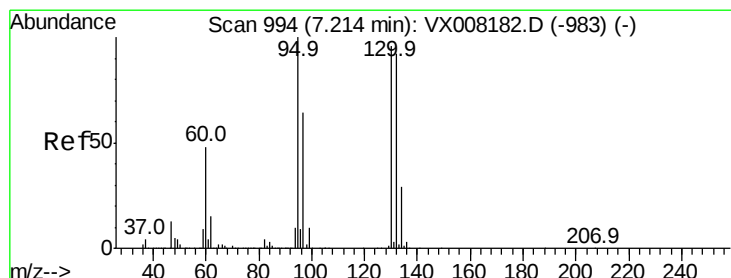
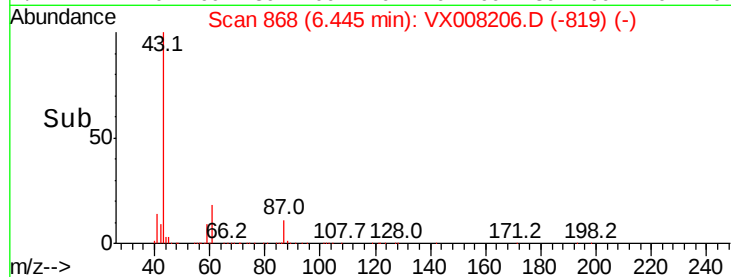
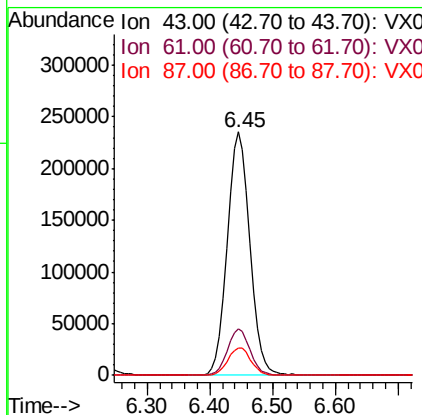
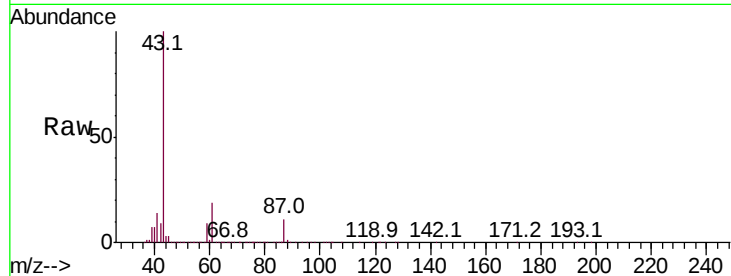
Isopropyl Acetate  
 Concen: 53.539 ug/l  
 RT: 6.45 min Scan# 868  
 Delta R.T. -0.00 min  
 Lab File: VX008206.D  
 Acq: 19 Mar 2019 22:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.2  | 16.3  | 24.5  |
| 87      | 11.6  | 10.5  | 15.7  |

Manual Integrations  
 APPROVED

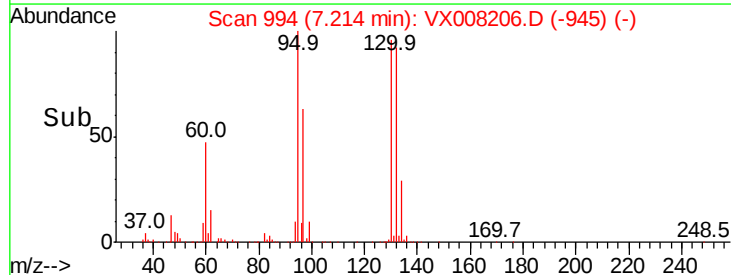
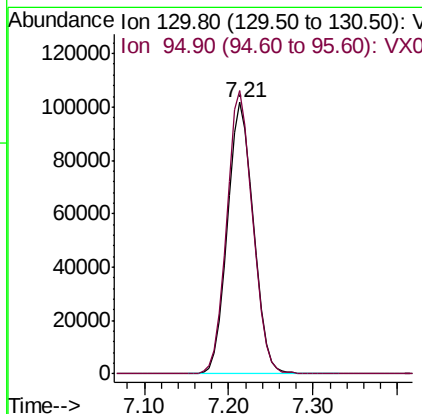
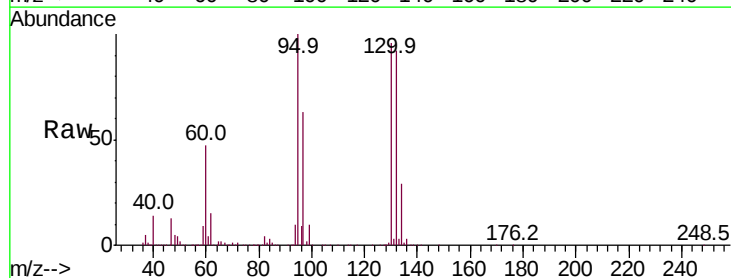
MMDadoda  
 3/20/2019 10:27:28 AM

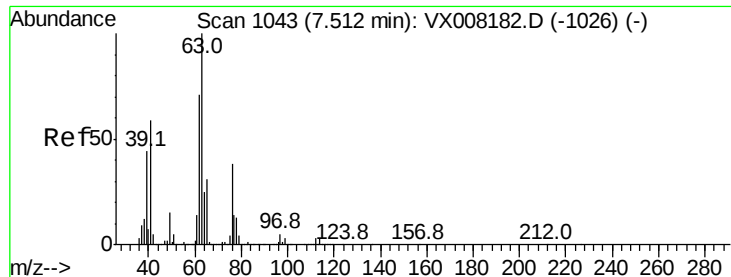


#44

Trichloroethene  
 Concen: 51.410 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. -0.00 min  
 Lab File: VX008206.D  
 Acq: 19 Mar 2019 22:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 104.2 | 0.0   | 188.0 |





#45

1,2-Dichloropropane

Concen: 51.931 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 247564

Ion Ratio Lower Upper

63 100

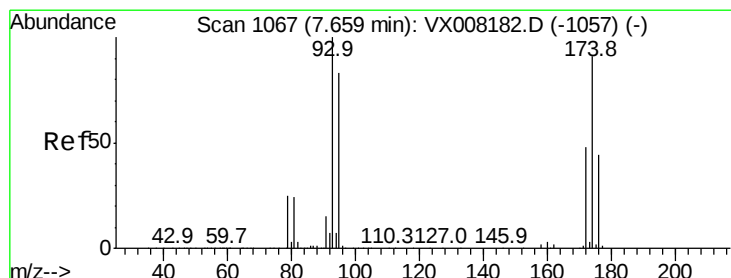
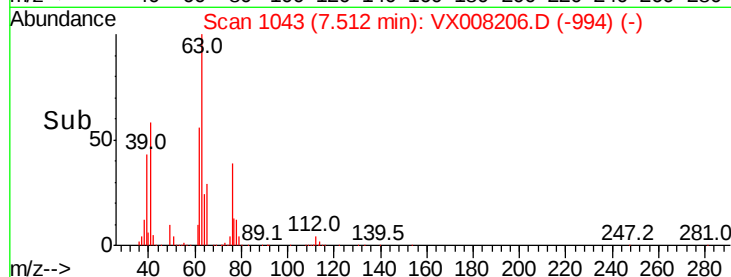
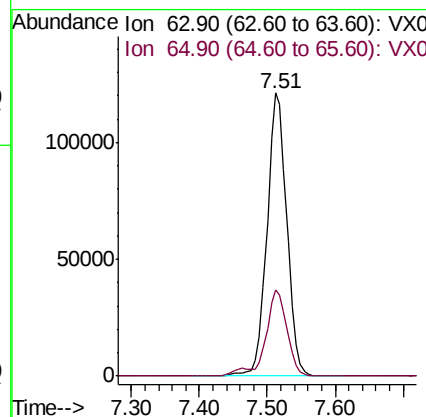
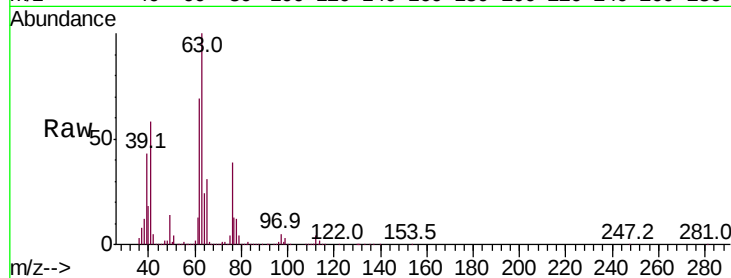
65 30.5 24.7 37.1

Manual Integrations

APPROVED

MMDadoda

3/20/2019 10:27:28 AM



#46

Dibromomethane

Concen: 50.814 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

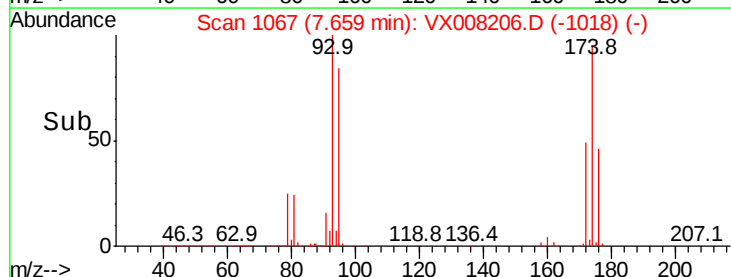
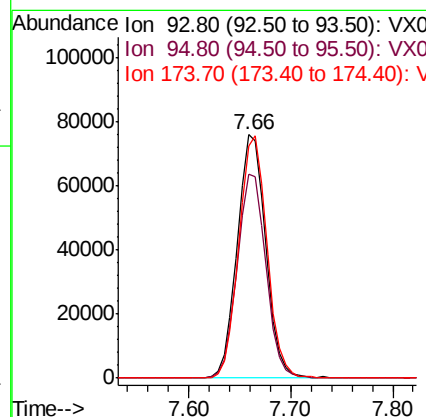
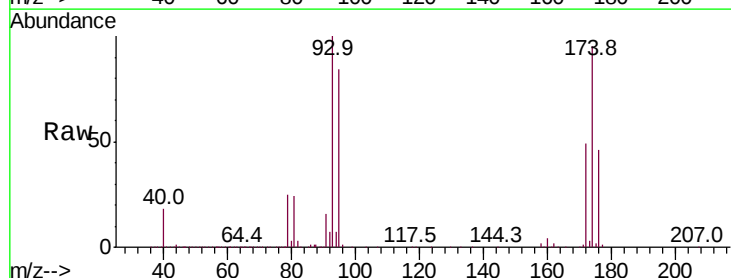
Tgt Ion: 93 Resp: 146665

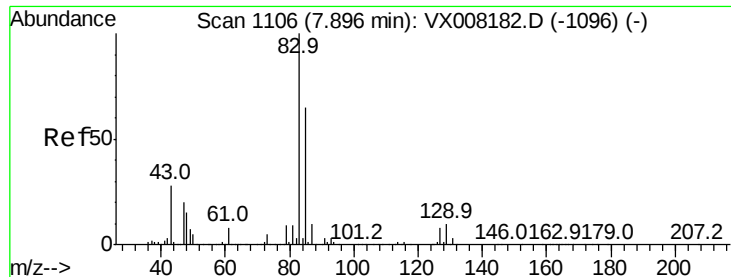
Ion Ratio Lower Upper

93 100

95 84.4 66.8 100.2

174 98.3 97.3 145.9





#47

Bromodichloromethane

Concen: 53.434 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA\_X

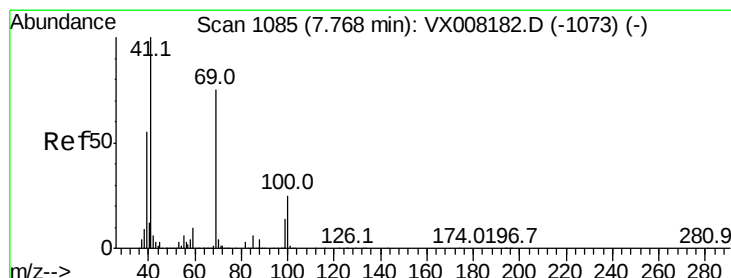
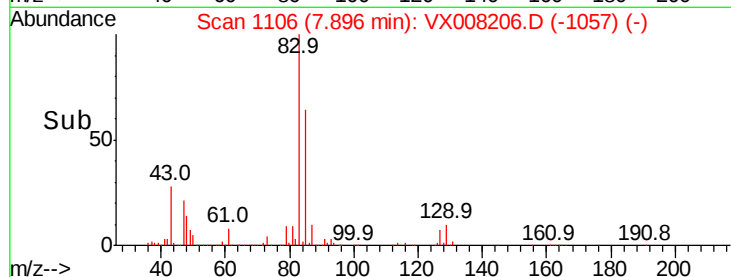
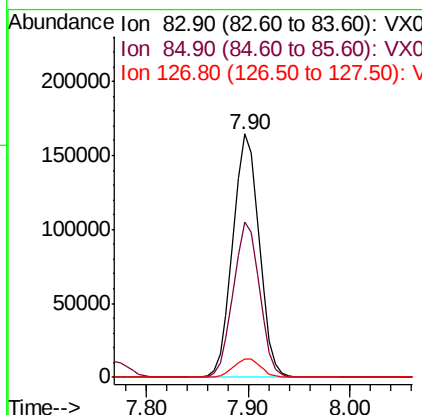
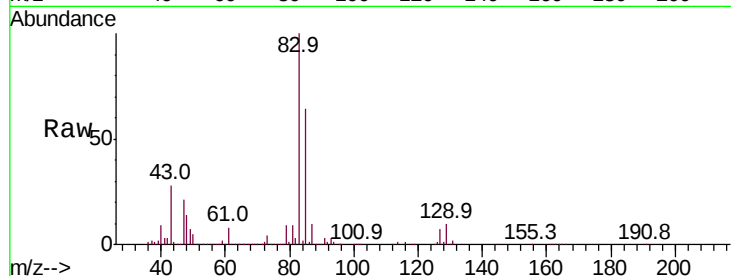
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 293926 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 63.8  | 50.9  | 76.3   |
| 127       | 7.4   | 7.4   | 11.0#  |

Manual Integrations  
APPROVED

MMDadoda  
3/20/2019 10:27:28 AM



#48

Methyl methacrylate

Concen: 53.345 ug/l

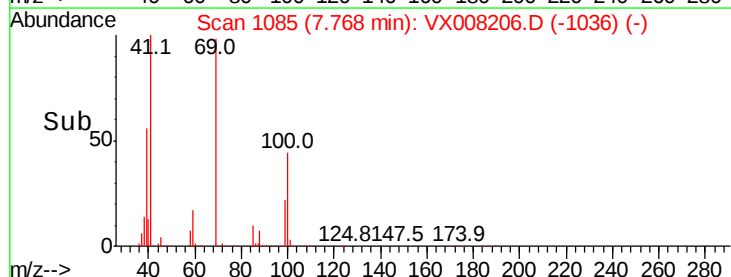
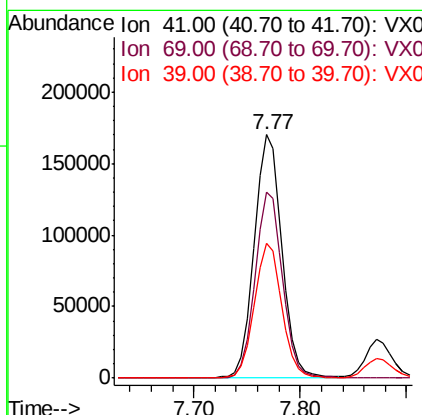
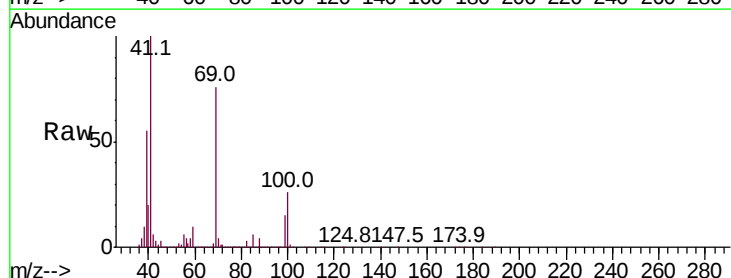
RT: 7.77 min Scan# 1085

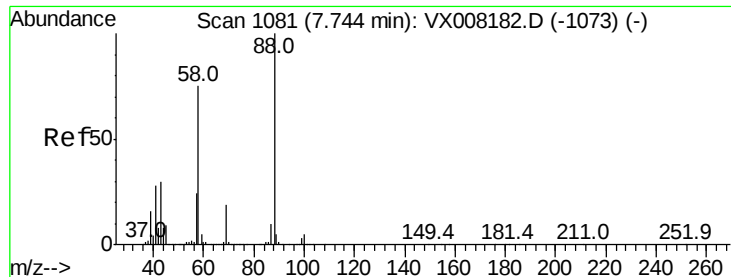
Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 309219 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 76.2  | 65.2  | 97.8   |
| 39        | 54.9  | 39.4  | 59.2   |





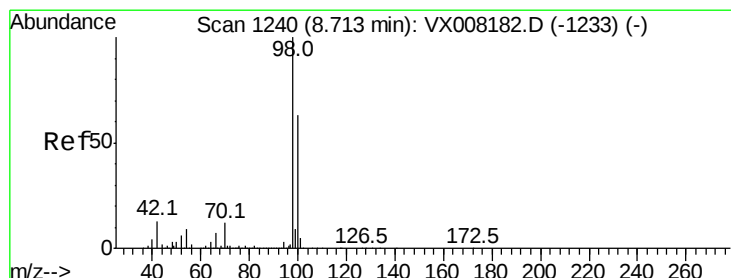
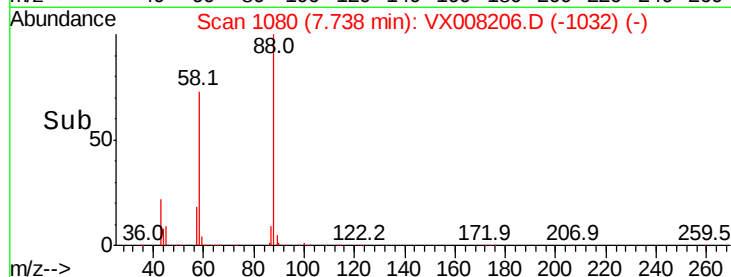
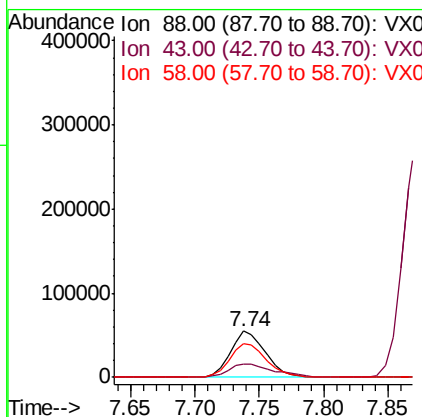
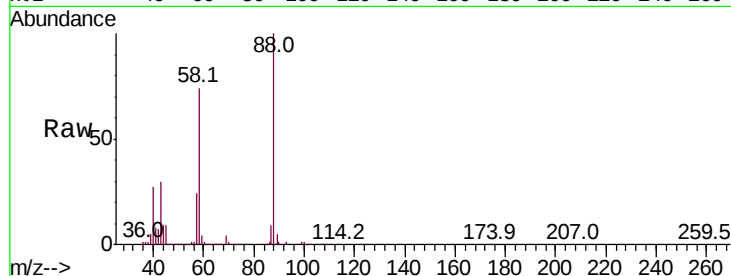
#49  
1,4-Dioxane  
Concen: 1011.088 ug/l  
RT: 7.74 min Scan# 1080  
Delta R.T. -0.01 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 36.5  | 25.1  | 37.7  |
| 58      | 76.7  | 57.8  | 86.6  |

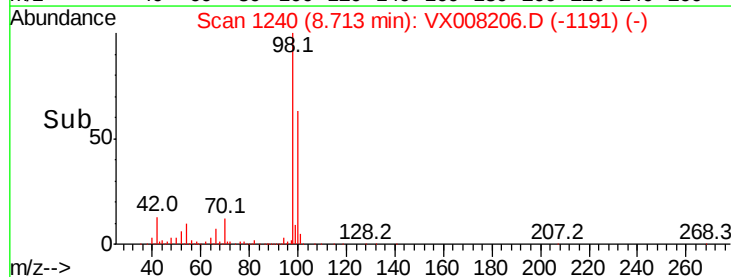
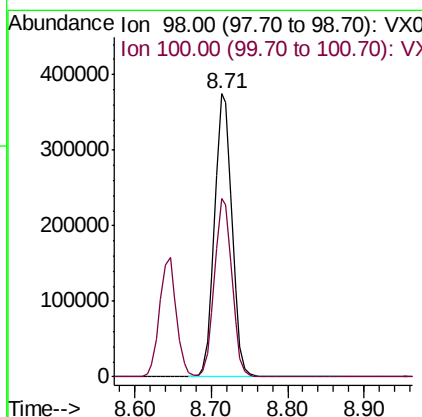
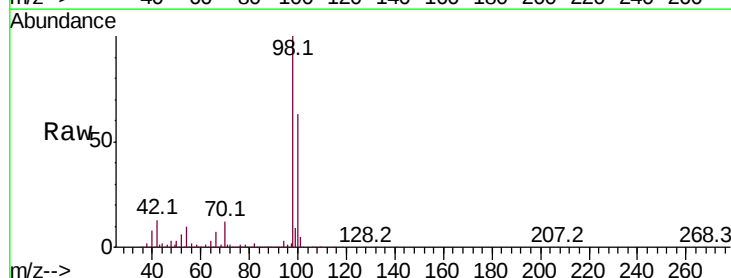
Manual Integrations  
APPROVED

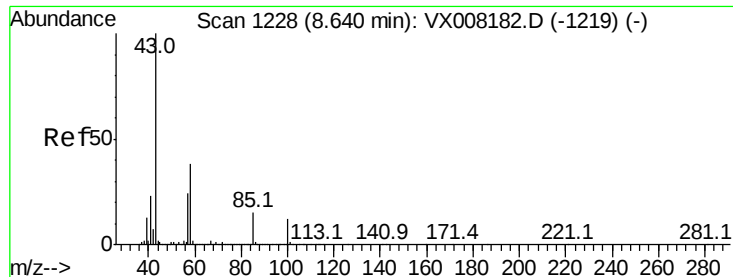
MMDadoda  
3/20/2019 10:27:28 AM



#50  
Toluene-d8  
Concen: 47.042 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 63.6  | 51.7  | 77.5  |





#51

4-Methyl-2-Pentanone

Concen: 270.362 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA\_X

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 1905460

Ion Ratio Lower Upper

43 100

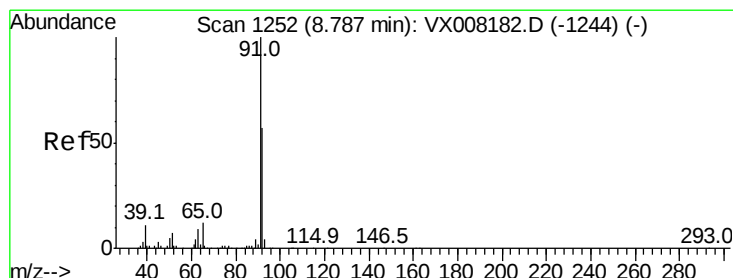
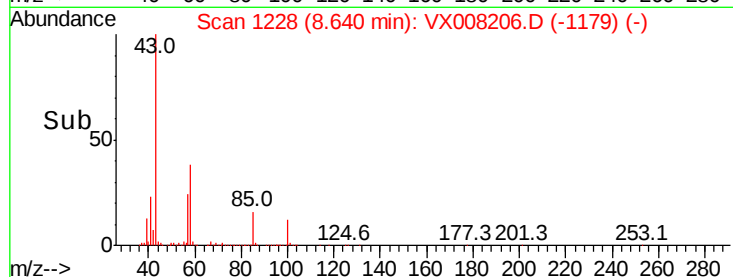
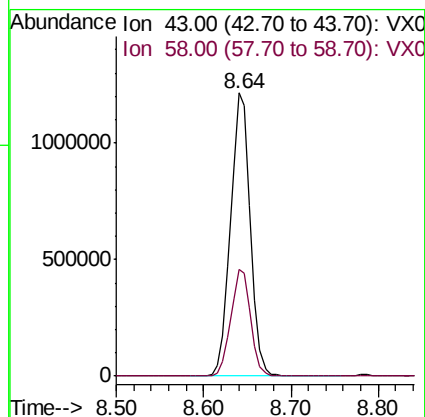
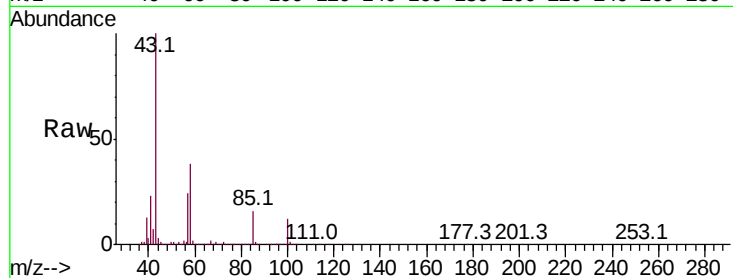
58 37.5 31.3 46.9

Manual Integrations

APPROVED

MMDadoda

3/20/2019 10:27:28 AM



#52

Toluene

Concen: 52.753 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008206.D

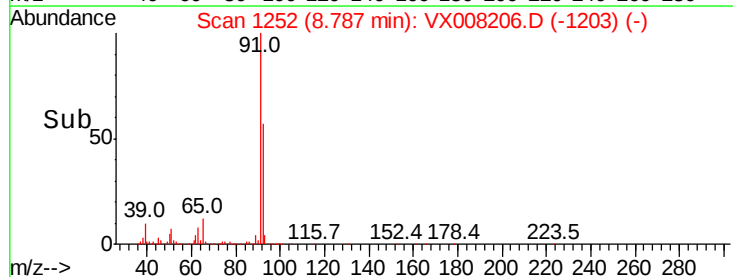
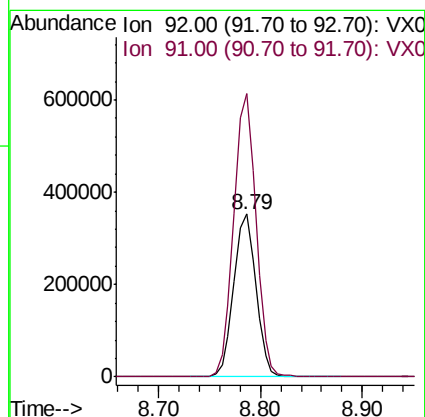
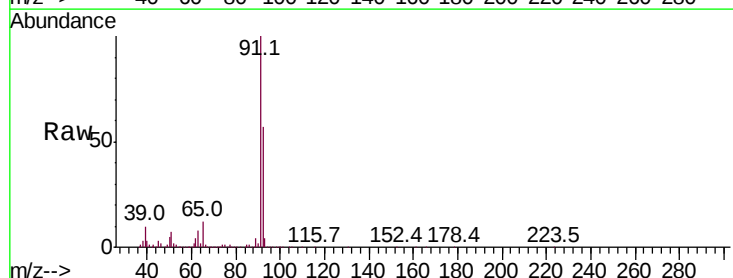
Acq: 19 Mar 2019 22:13

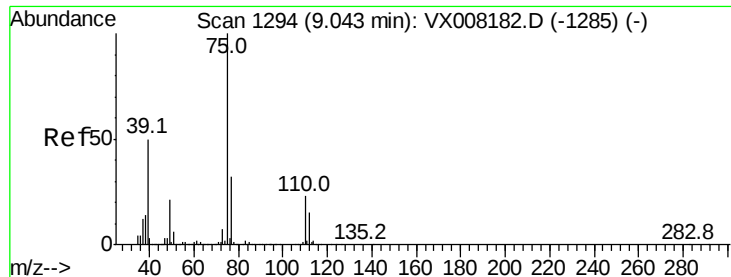
Tgt Ion: 92 Resp: 532951

Ion Ratio Lower Upper

92 100

91 174.2 137.4 206.0





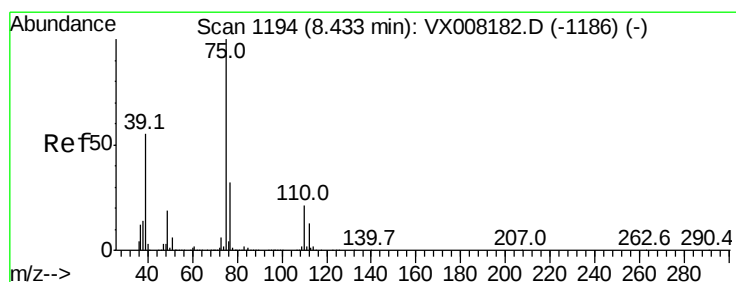
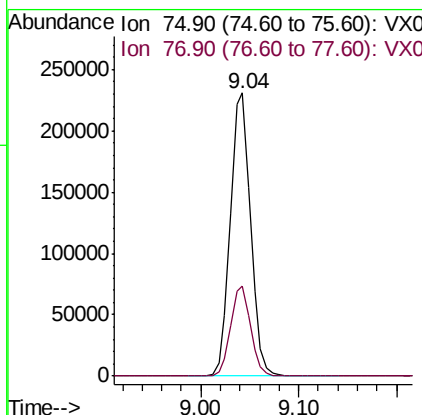
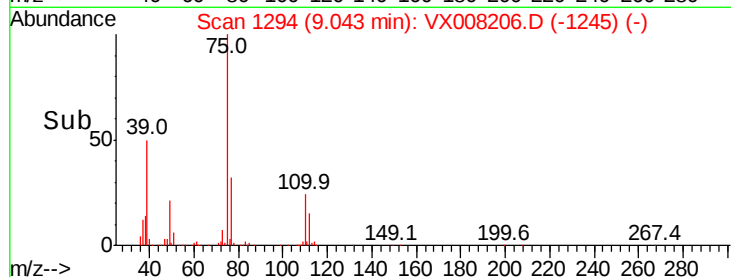
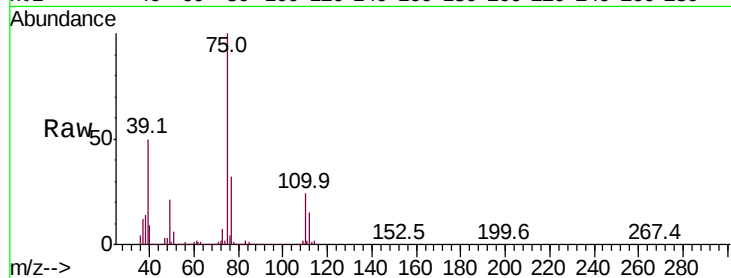
#53  
t-1,3-Dichloropropene  
Concen: 48.138 ug/l  
RT: 9.04 min Scan# 1294  
Delta R.T. 0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.6  | 25.4  | 38.0  |

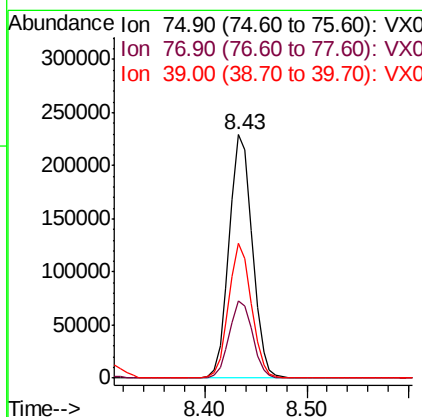
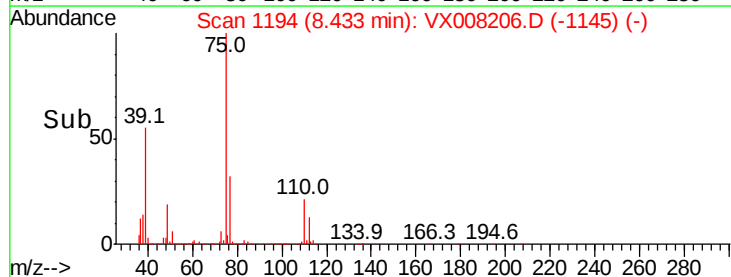
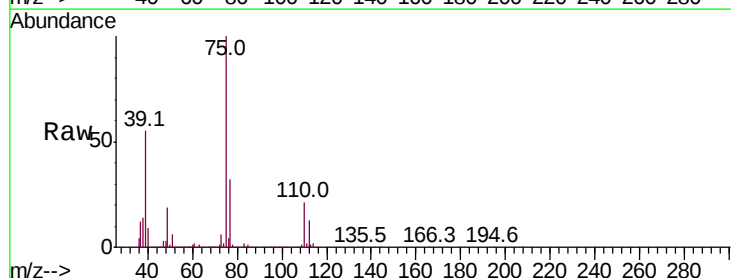
Manual Integrations  
APPROVED

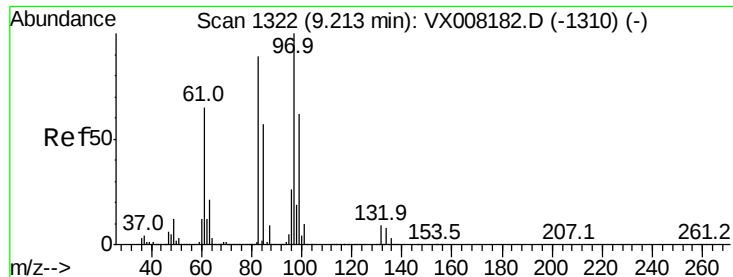
MMDadoda  
3/20/2019 10:27:28 AM



#54  
cis-1,3-Dichloropropene  
Concen: 52.619 ug/l  
RT: 8.43 min Scan# 1194  
Delta R.T. -0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 31.5  | 25.0  | 37.6  |
| 39      | 55.3  | 36.6  | 54.8# |





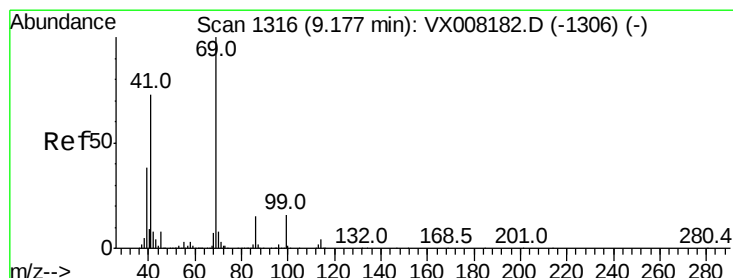
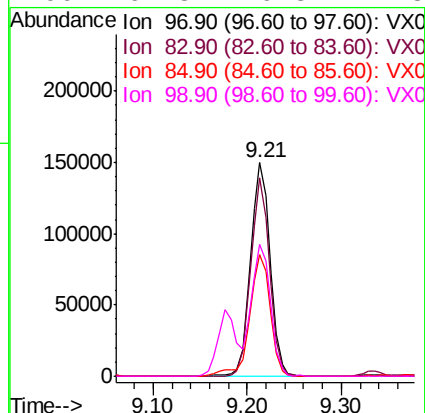
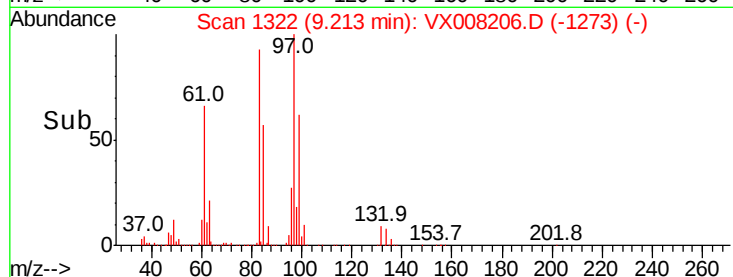
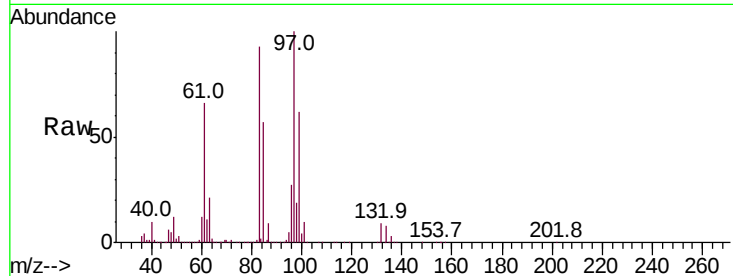
#55  
 1,1,2-Trichloroethane  
 Concen: 53.520 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX008206.D  
 Acq: 19 Mar 2019 22:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 92.7  | 69.1  | 103.7 |
| 85      | 57.0  | 44.3  | 66.5  |
| 99      | 61.8  | 49.8  | 74.8  |

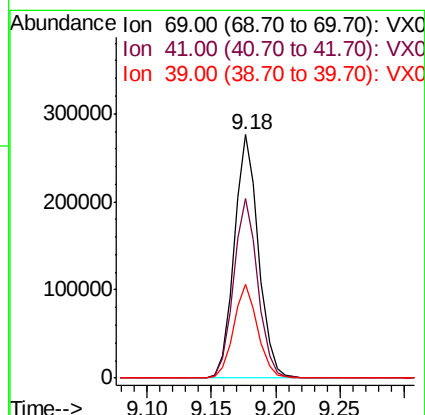
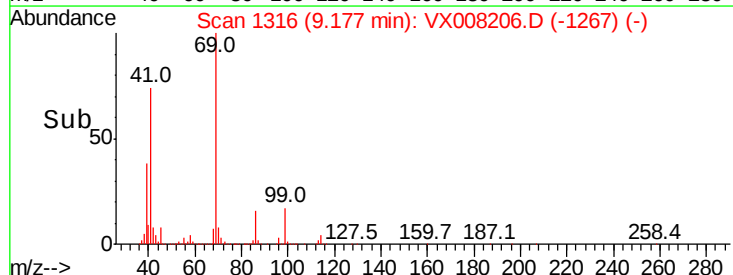
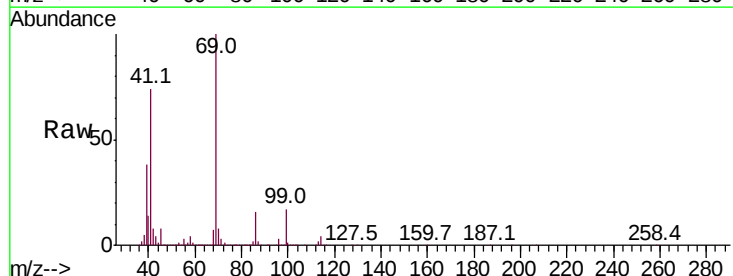
Manual Integrations  
 APPROVED

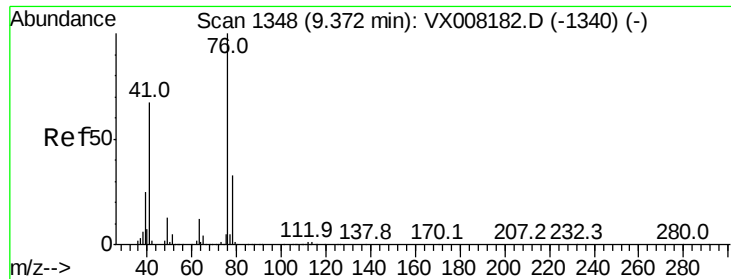
MMDadoda  
 3/20/2019 10:27:28 AM



#56  
 Ethyl methacrylate  
 Concen: 50.623 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VX008206.D  
 Acq: 19 Mar 2019 22:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 73.8  | 54.2  | 81.4  |
| 39      | 38.1  | 25.0  | 37.4# |





#57

1,3-Dichloropropane

Concen: 53.406 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 385637

Ion Ratio Lower Upper

76 100

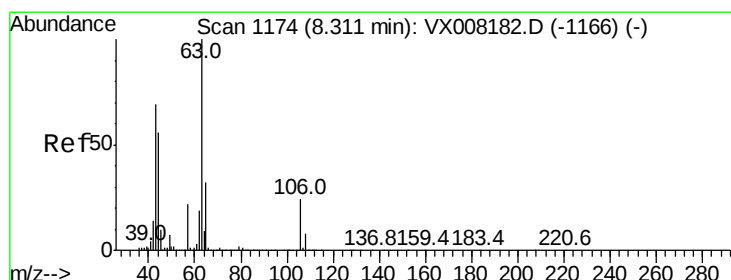
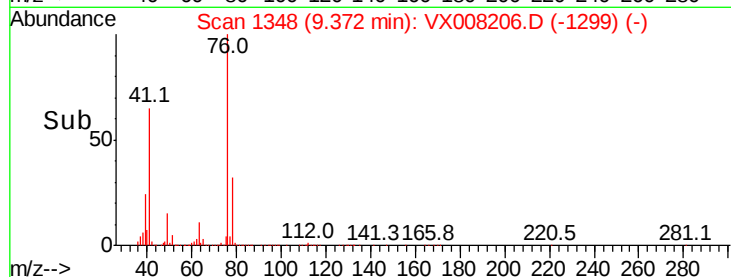
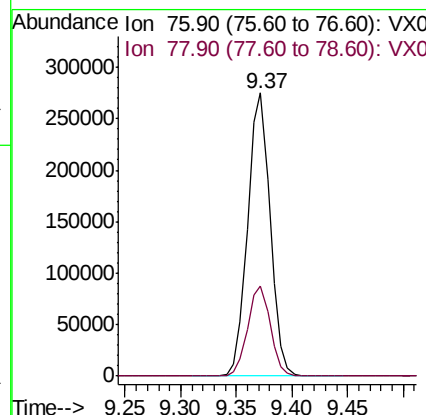
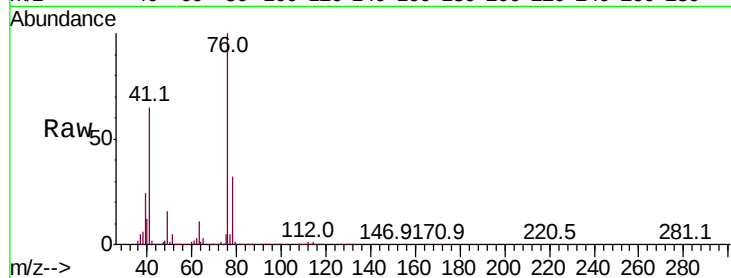
78 32.1 25.5 38.3

Manual Integrations

APPROVED

MMDadoda

3/20/2019 10:27:28 AM



#58

2-Chloroethyl Vinyl ether

Concen: 247.411 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008206.D

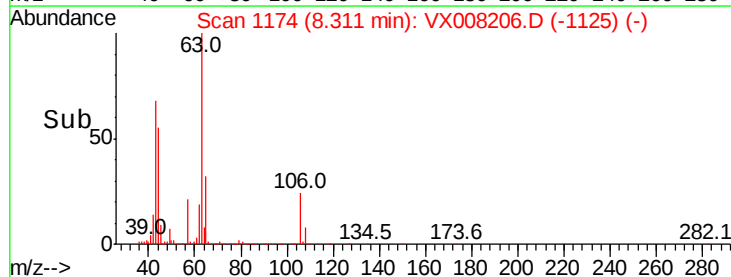
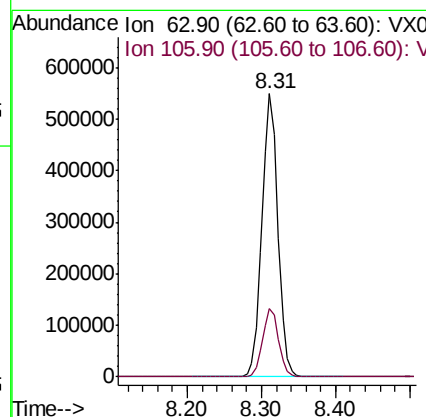
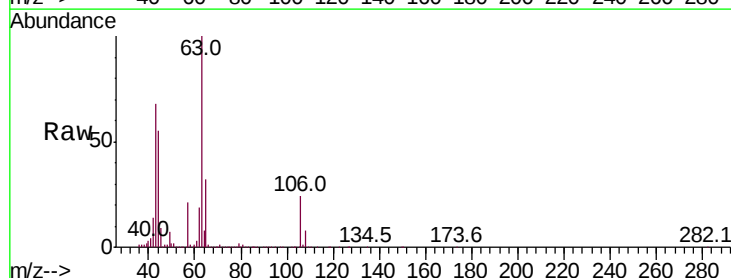
Acq: 19 Mar 2019 22:13

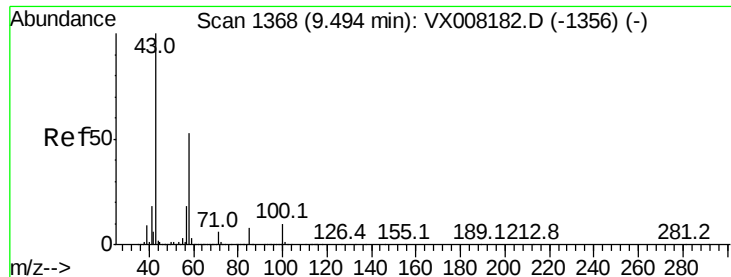
Tgt Ion: 63 Resp: 827439

Ion Ratio Lower Upper

63 100

106 24.4 22.2 33.2





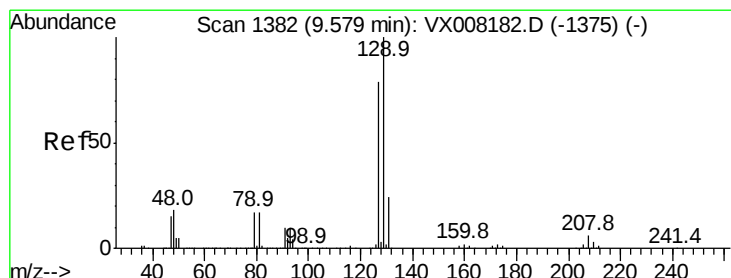
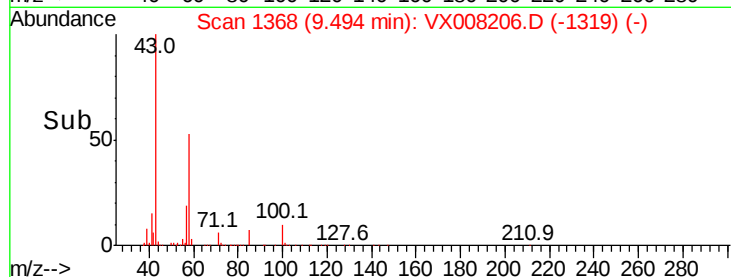
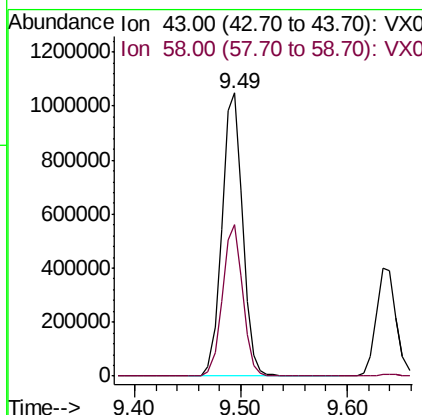
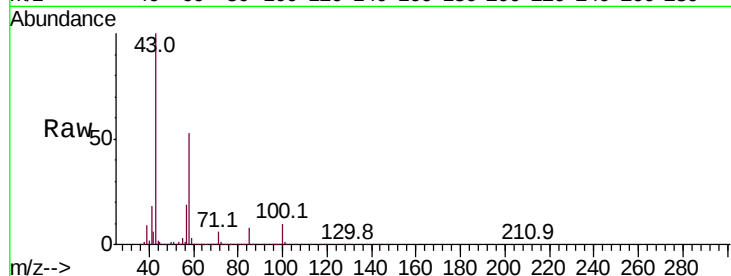
#59  
2-Hexanone  
Concen: 261.619 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. -0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 1419536  
Ion Ratio Lower Upper  
43 100  
58 52.5 27.6 82.7

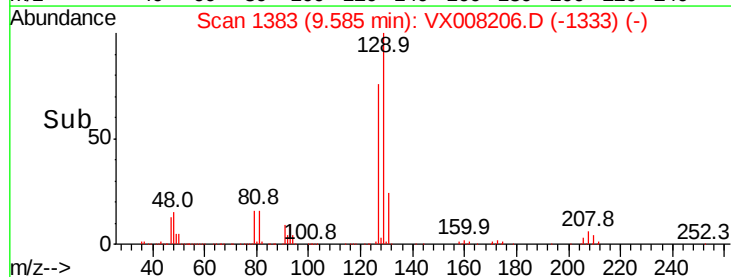
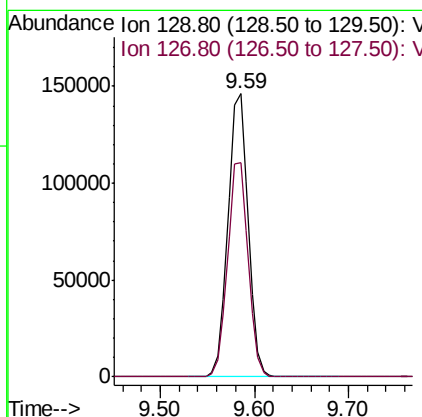
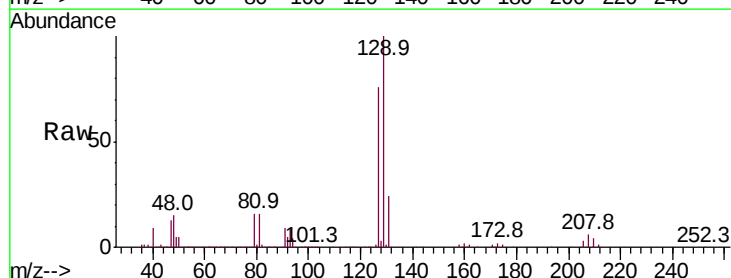
Manual Integrations  
APPROVED

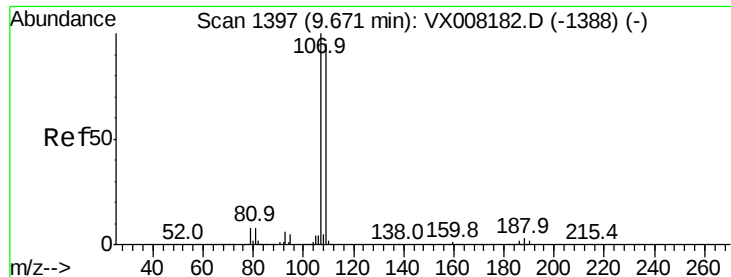
MMDadoda  
3/20/2019 10:27:28 AM



#60  
Dibromochloromethane  
Concen: 55.390 ug/l  
RT: 9.59 min Scan# 1383  
Delta R.T. 0.01 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

Tgt Ion: 129 Resp: 217288  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.3 114.8





#61

1,2-Dibromoethane

Concen: 52.914 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 225527

Ion Ratio Lower Upper

107 100

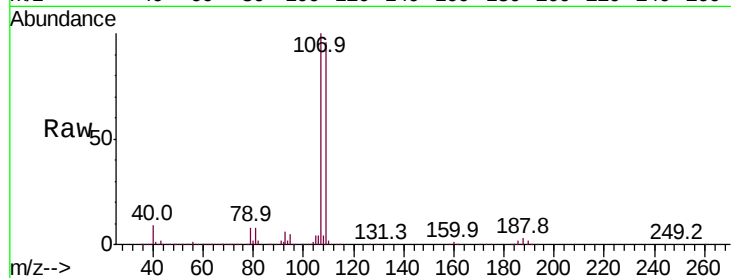
109 94.5 75.8 113.8

Manual Integrations

APPROVED

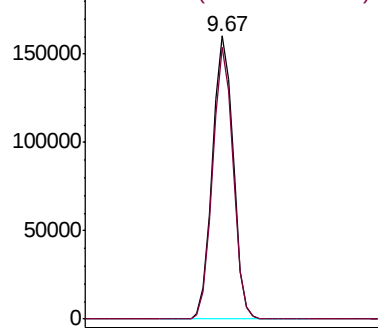
MMDadoda

3/20/2019 10:27:28 AM

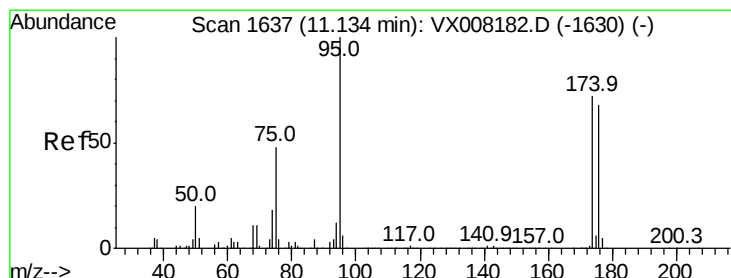
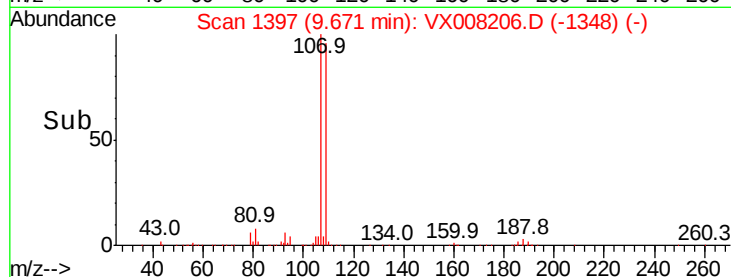


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 48.594 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

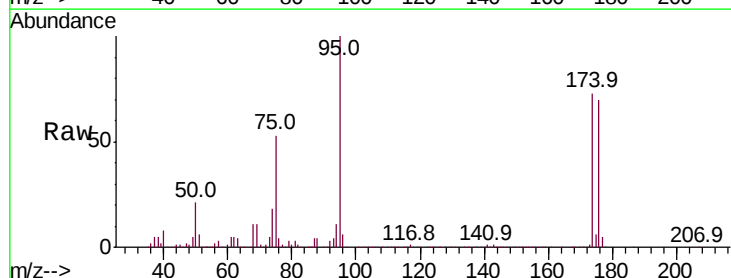
Tgt Ion: 95 Resp: 209861

Ion Ratio Lower Upper

95 100

174 77.9 0.0 182.8

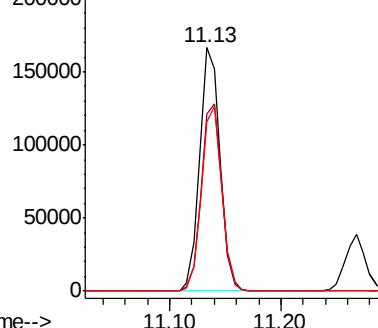
176 75.6 0.0 178.0



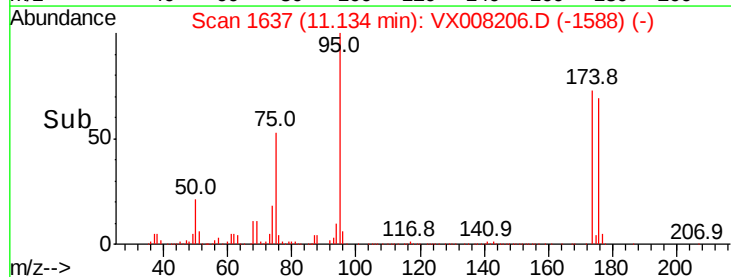
Abundance Ion 94.90 (94.60 to 95.60): VX0

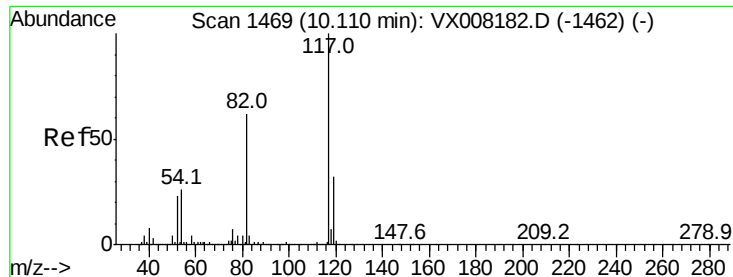
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





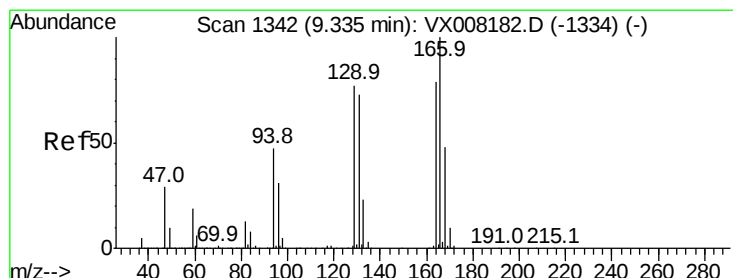
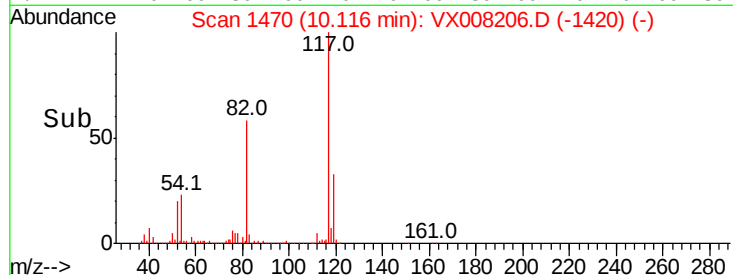
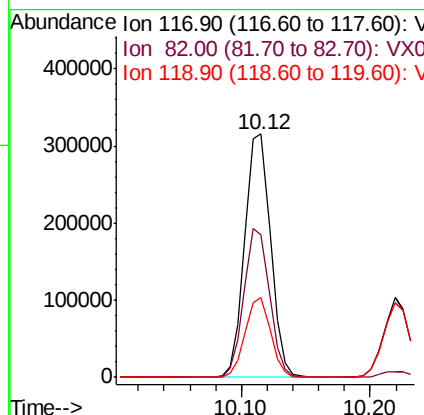
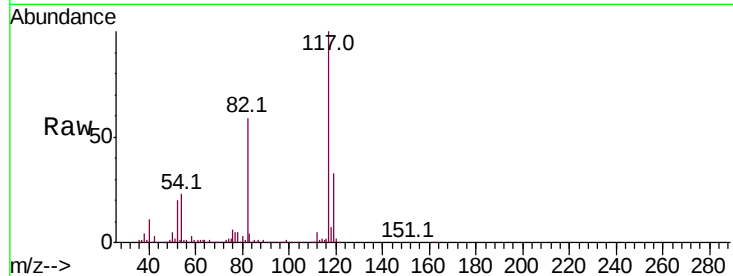
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. 0.01 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 117     | 100   |            |       |
| 82      | 58.5  | 44.3       | 66.5  |
| 119     | 33.0  | 25.3       | 37.9  |

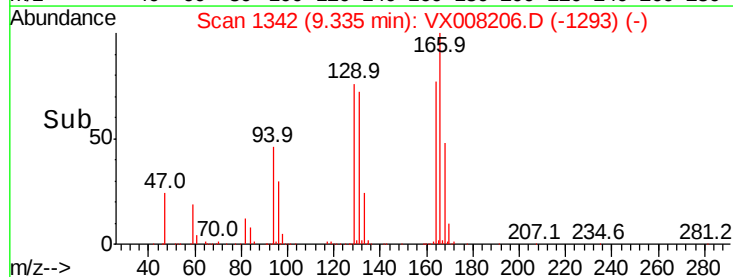
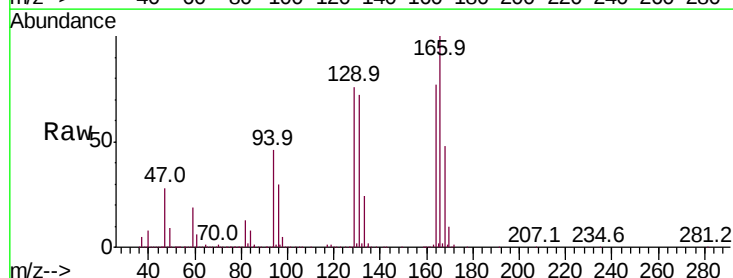
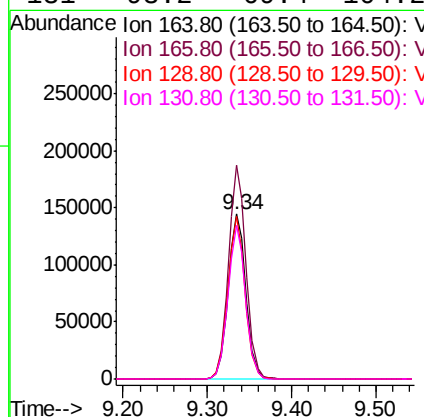
Manual Integrations  
APPROVED

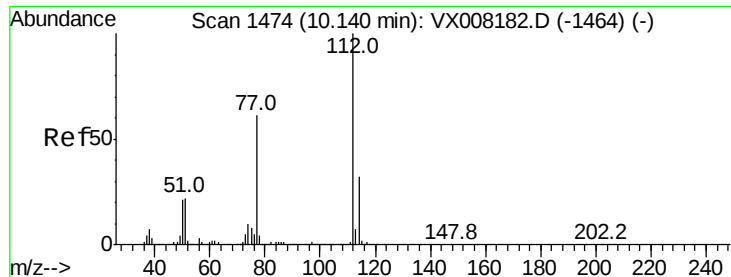
MMDadoda  
3/20/2019 10:27:28 AM



#64  
Tetrachloroethene  
Concen: 52.517 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 164     | 100   |            |       |
| 166     | 129.6 | 103.4      | 155.0 |
| 129     | 98.5  | 72.2       | 108.4 |
| 131     | 93.2  | 69.4       | 104.2 |





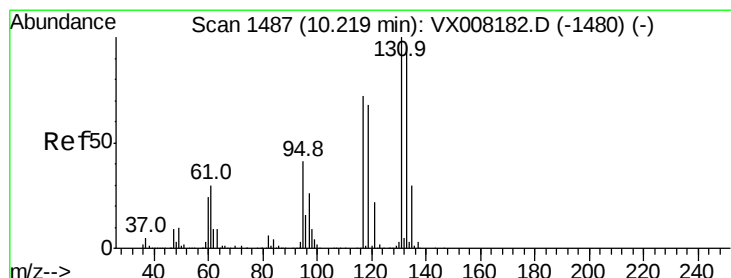
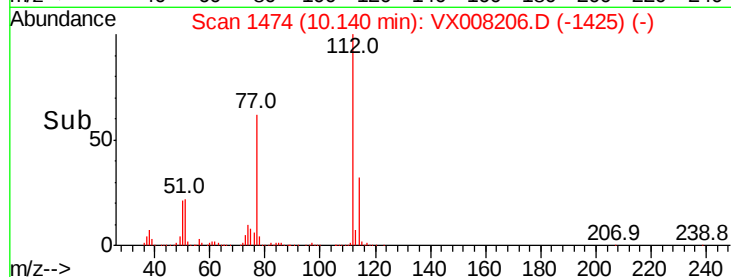
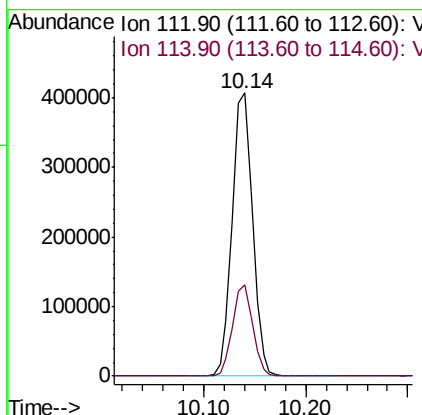
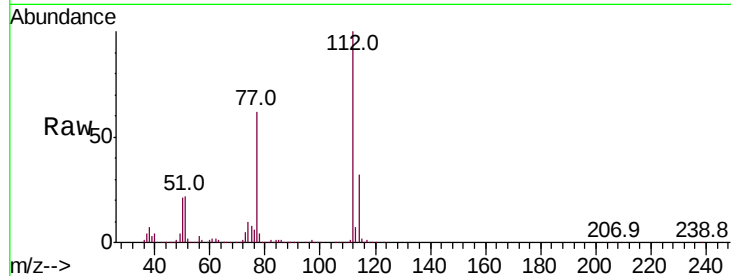
#65  
Chlorobenzene  
Concen: 51.926 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. -0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion:112 Resp: 559920  
Ion Ratio Lower Upper  
112 100  
114 32.4 26.0 39.0

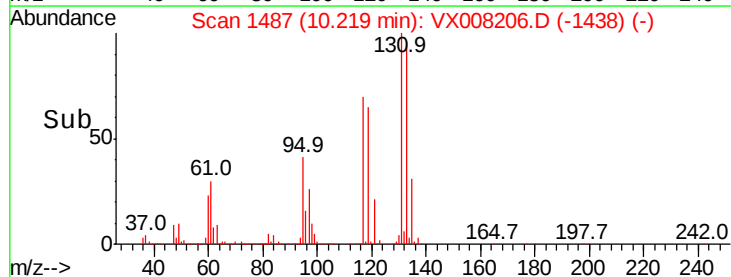
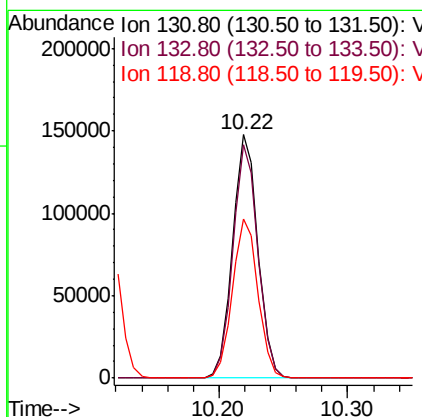
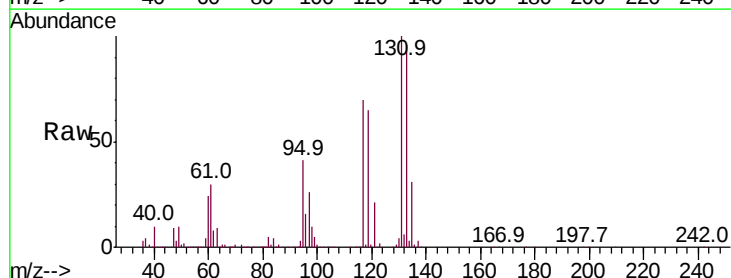
Manual Integrations  
APPROVED

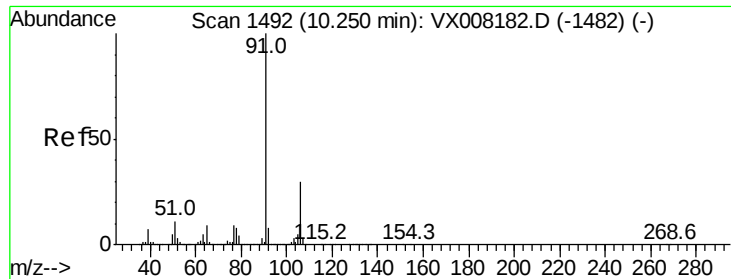
MMDadoda  
3/20/2019 10:27:28 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 53.822 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

Tgt Ion:131 Resp: 202348  
Ion Ratio Lower Upper  
131 100  
133 94.9 47.8 143.3  
119 66.1 32.5 97.5





#67

Ethyl Benzene

Concen: 53.185 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1010618

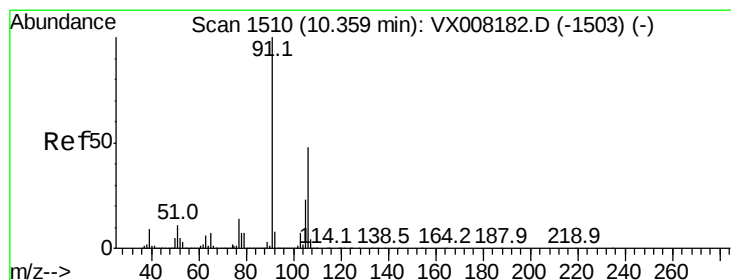
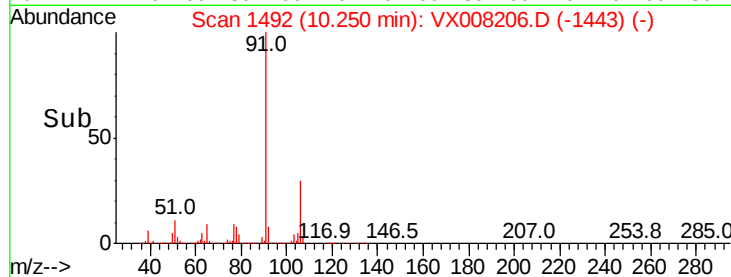
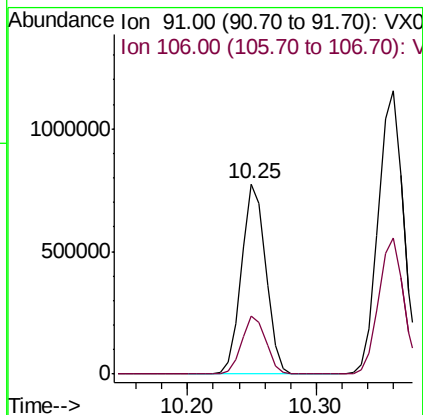
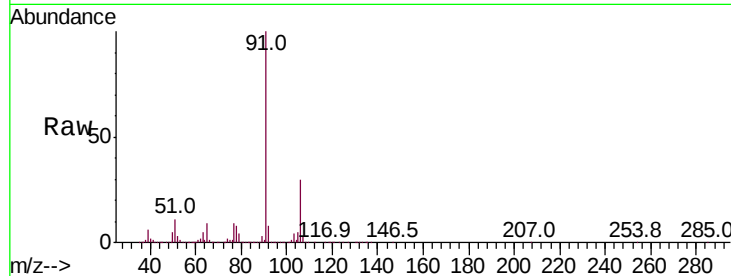
Ion Ratio Lower Upper

91 100

106 30.3 25.2 37.8

Manual Integrations  
APPROVED

MMDadoda  
3/20/2019 10:27:28 AM



#68

m/p-Xylenes

Concen: 106.324 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008206.D

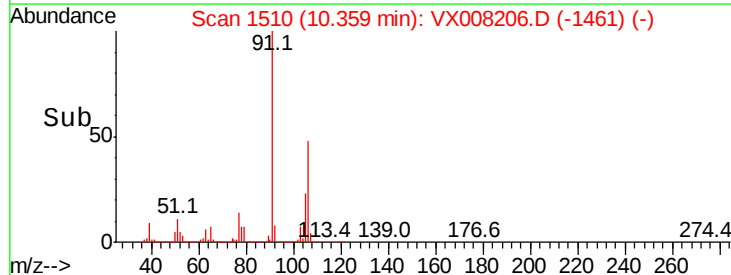
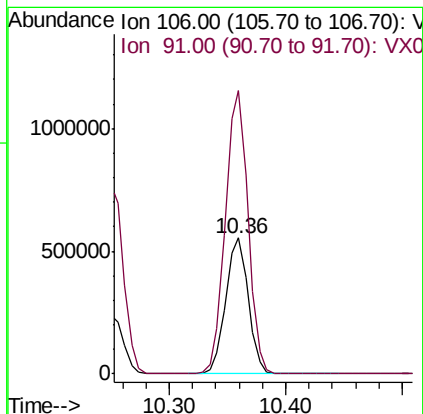
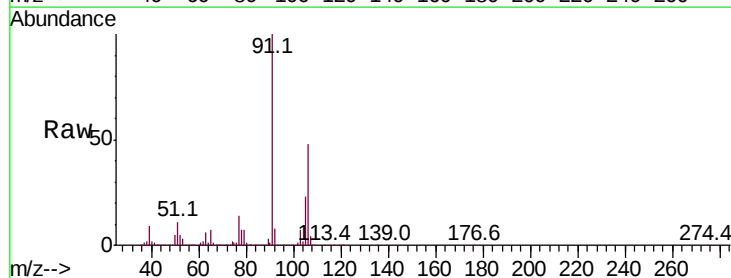
Acq: 19 Mar 2019 22:13

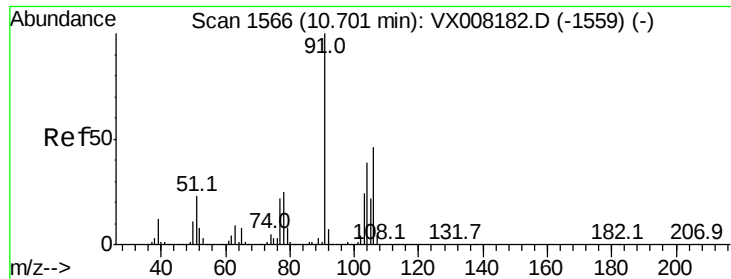
Tgt Ion: 106 Resp: 742159

Ion Ratio Lower Upper

106 100

91 209.4 159.8 239.6





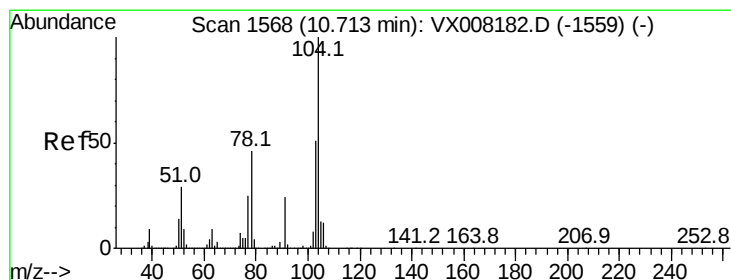
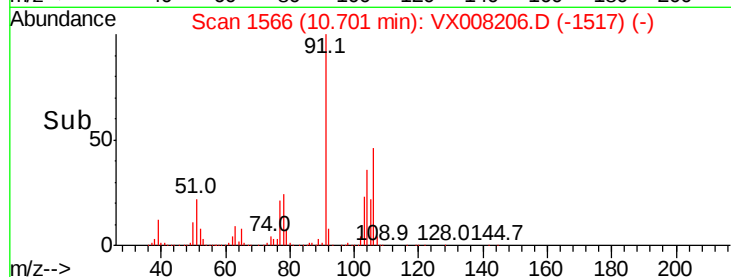
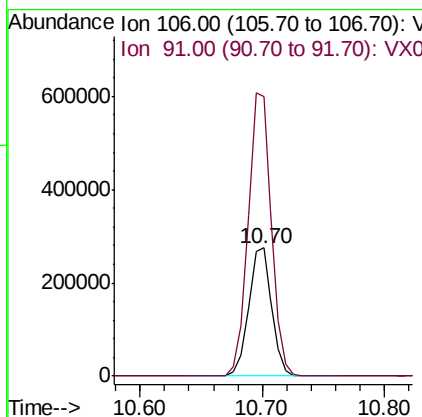
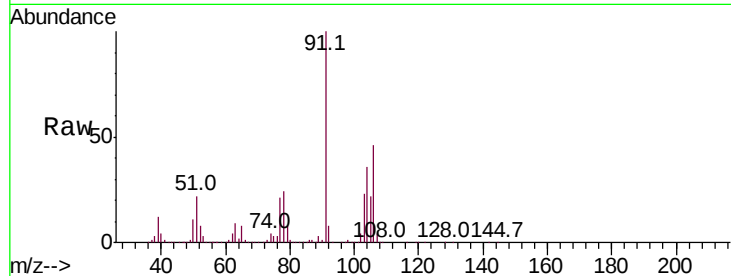
#69  
o-Xylene  
Concen: 53.156 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 222.2 | 106.3 | 318.9 |

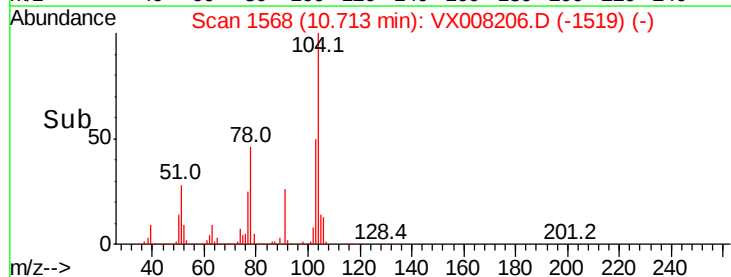
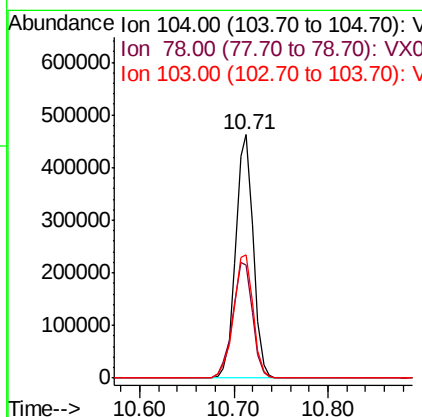
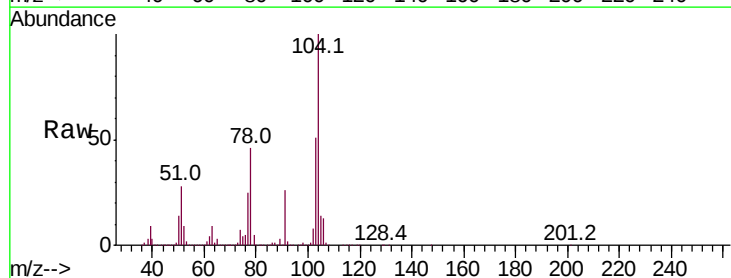
Manual Integrations  
APPROVED

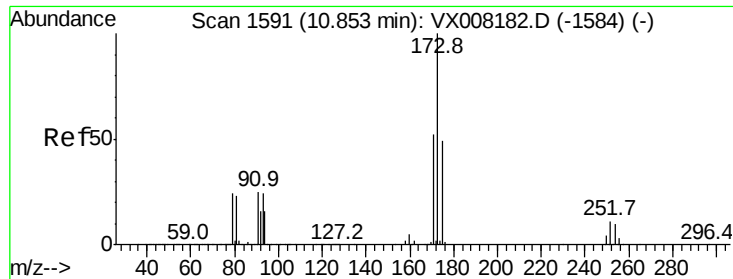
MMDadoda  
3/20/2019 10:27:28 AM



#70  
Styrene  
Concen: 54.099 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 53.6  | 38.5  | 57.7  |
| 103     | 56.1  | 44.1  | 66.1  |





#71

Bromoform

Concen: 48.514 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA\_X

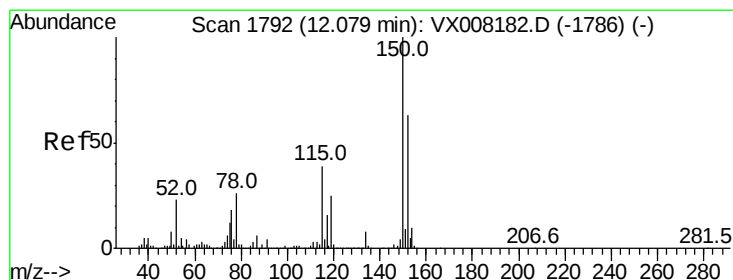
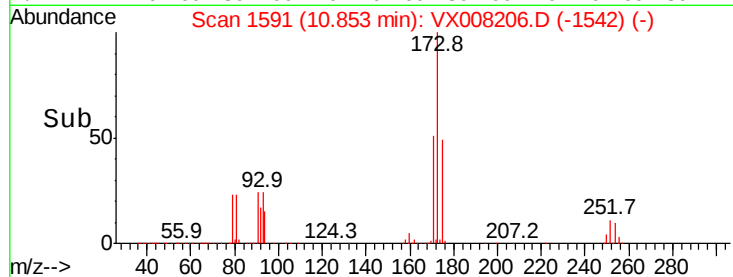
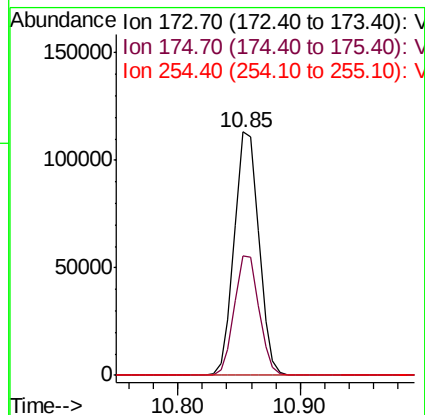
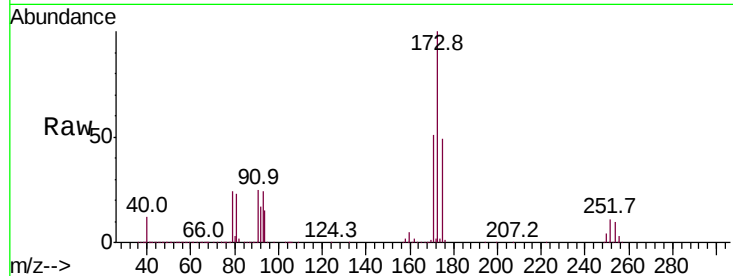
ClientSampleId :

VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 173     | 100   | 156931 |       |       |
| 175     | 49.2  | 24.3   | 72.9  |       |
| 254     | 0.2   | 0.1    | 0.1#  |       |

Manual Integrations  
APPROVED

MMDadoda  
3/20/2019 10:27:28 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

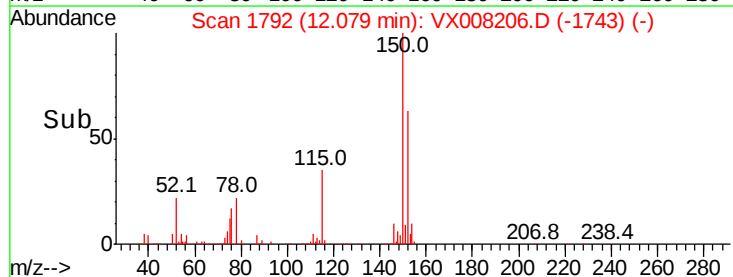
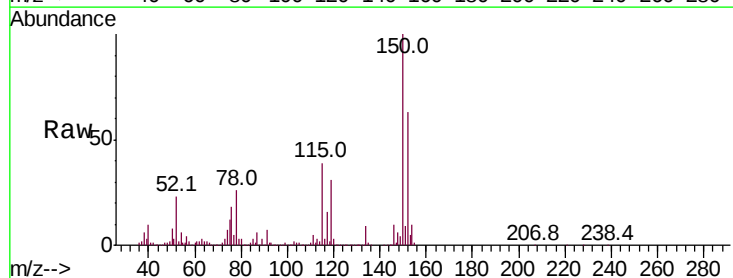
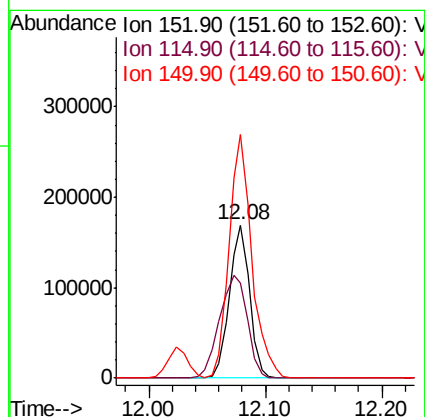
RT: 12.08 min Scan# 1792

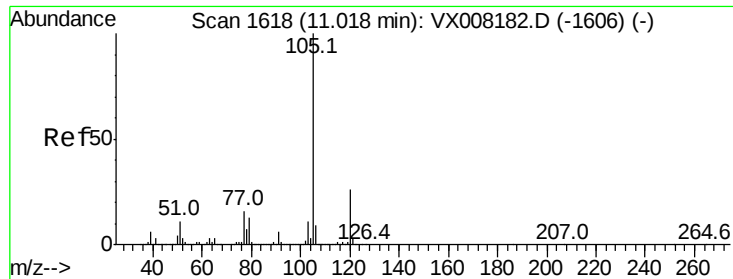
Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 202613 |       |       |
| 115     | 91.3  | 38.6   | 115.7 |       |
| 150     | 179.7 | 0.0    | 348.4 |       |





#73

Isopropylbenzene

Concen: 53.354 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 963580

Ion Ratio Lower Upper

105 100

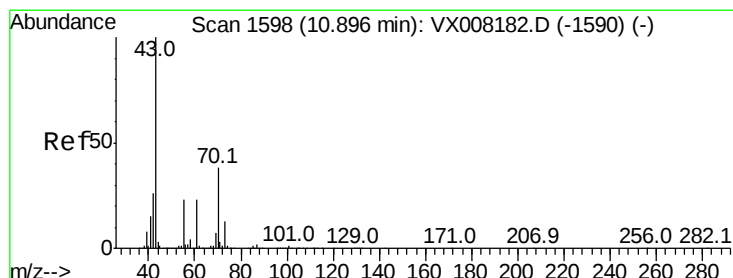
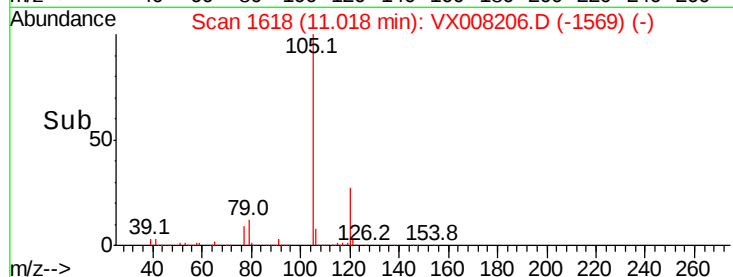
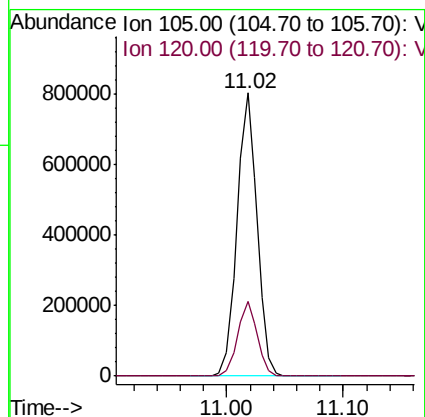
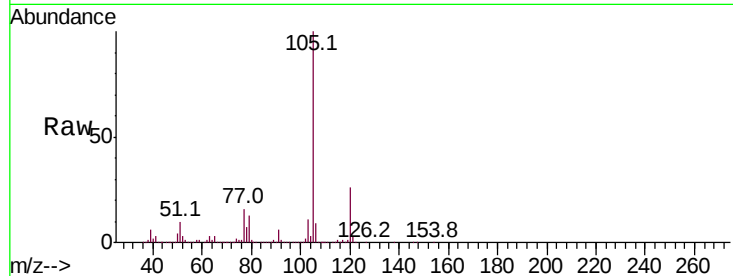
120 25.8 13.4 40.1

Manual Integrations

APPROVED

MMDadoda

3/20/2019 10:27:28 AM



#74

N-ethyl acetate

Concen: 53.307 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Tgt Ion: 43 Resp: 504395

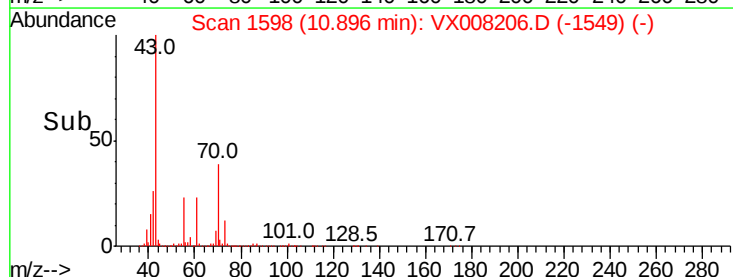
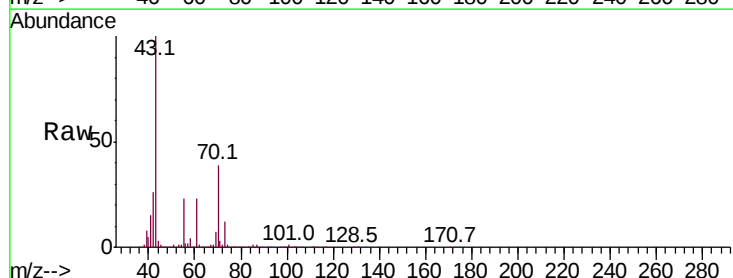
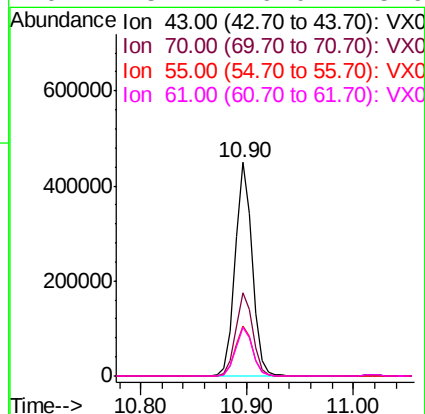
Ion Ratio Lower Upper

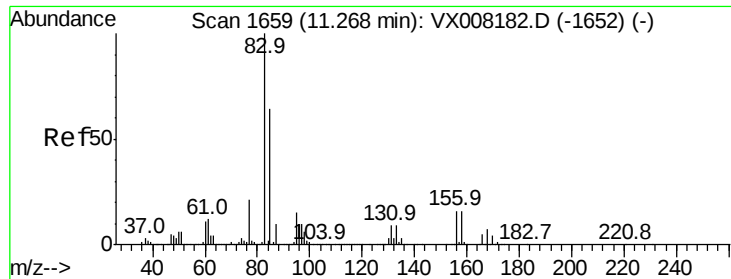
43 100

70 39.0 33.5 50.3

55 23.7 19.2 28.8

61 23.2 19.0 28.6





#75

1,1,2,2-Tetrachloroethane

Concen: 51.041 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA\_X

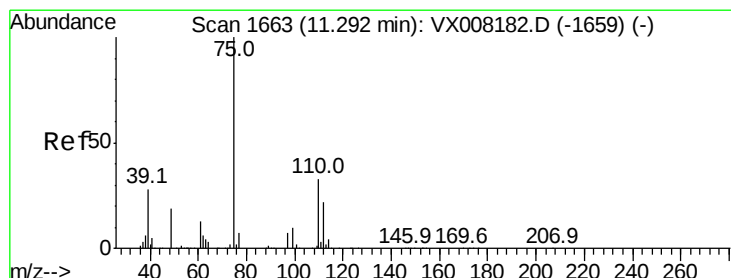
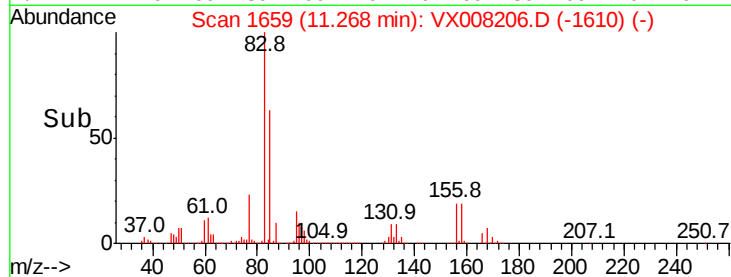
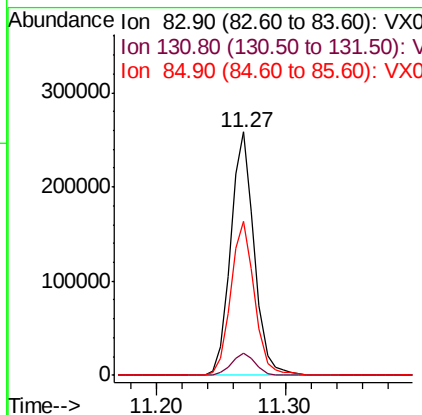
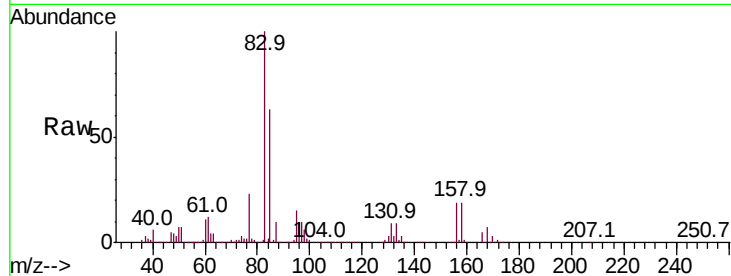
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 330541 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 9.4   | 5.4   | 16.2   |
| 85        | 63.6  | 32.3  | 96.8   |

Manual Integrations  
APPROVED

MMDadoda  
3/20/2019 10:27:28 AM



#76

1,2,3-Trichloropropane

Concen: 50.504 ug/l m

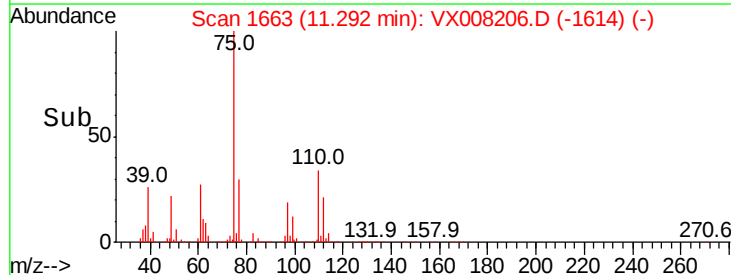
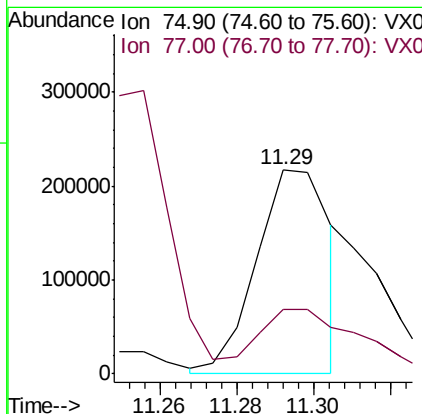
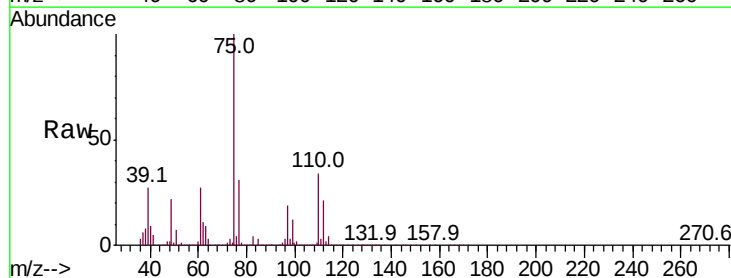
RT: 11.29 min Scan# 1663

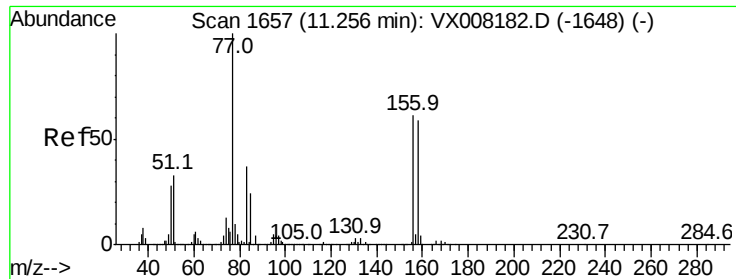
Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 287807 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 44.6  | 18.9  | 56.7   |





#77

Bromobenzene

Concen: 52.794 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA\_X

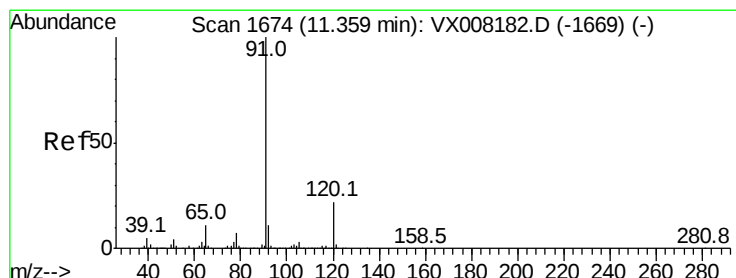
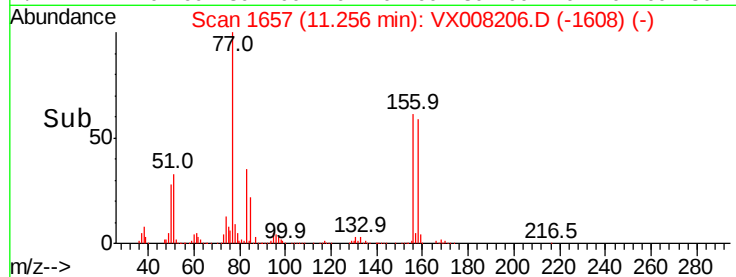
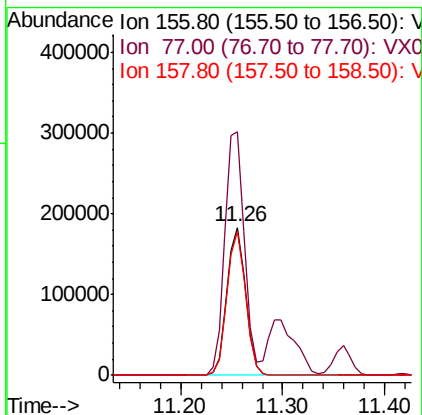
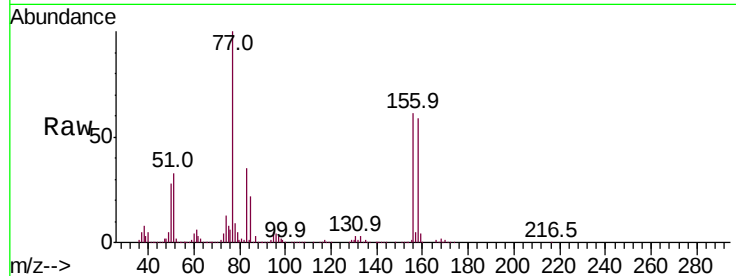
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 156   | Resp: | 230528 |
| Ion Ratio | Lower | Upper |        |
| 156       | 100   |       |        |
| 77        | 173.2 | 72.0  | 215.9  |
| 158       | 96.5  | 48.6  | 145.9  |

Manual Integrations  
APPROVED

MMDadoda  
3/20/2019 10:27:28 AM



#78

n-propylbenzene

Concen: 53.506 ug/l

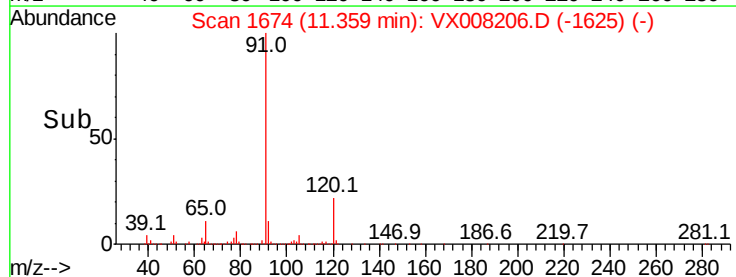
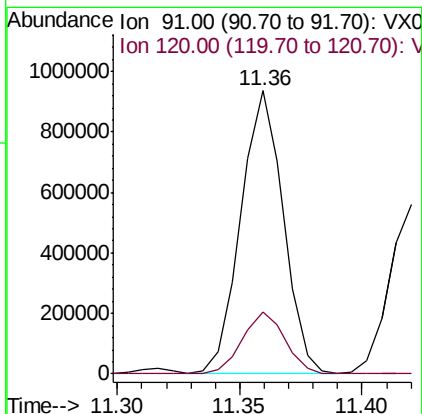
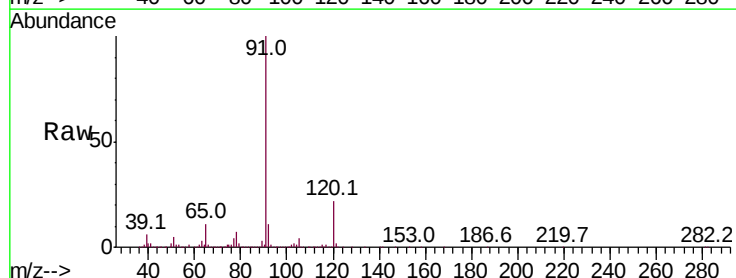
RT: 11.36 min Scan# 1674

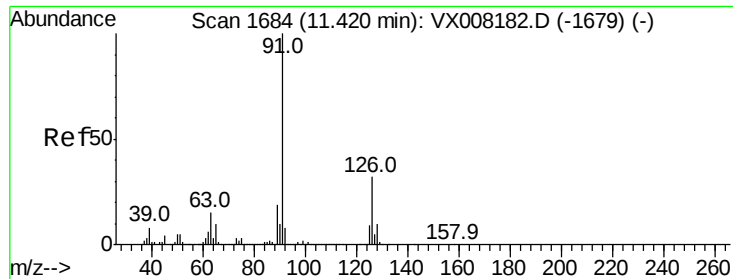
Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 91    | Resp: | 1122331 |
| Ion Ratio | Lower | Upper |         |
| 91        | 100   |       |         |
| 120       | 22.0  | 12.0  | 36.0    |





#79

2-Chlorotoluene

Concen: 52.688 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 663332

Ion Ratio Lower Upper

91 100

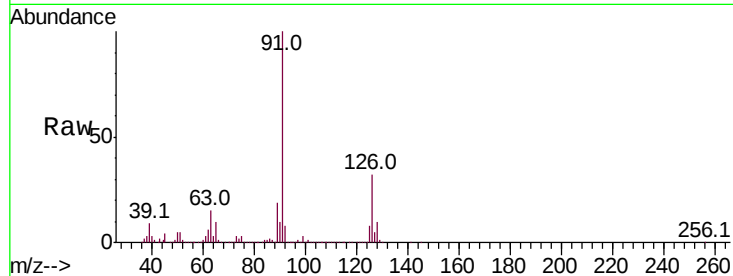
126 32.5 17.5 52.6

Manual Integrations

APPROVED

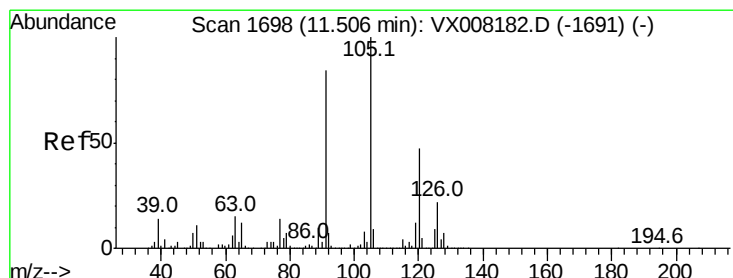
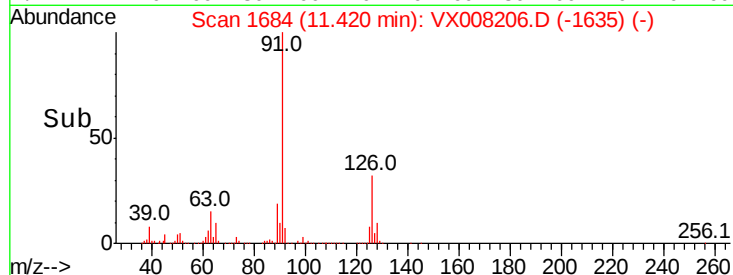
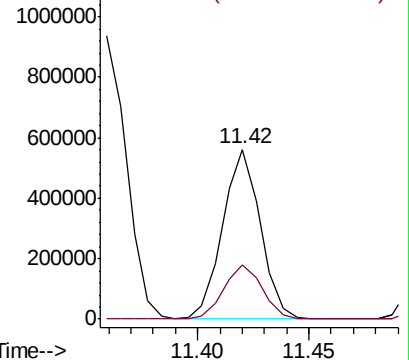
MMDadoda

3/20/2019 10:27:28 AM



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.383 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX008206.D

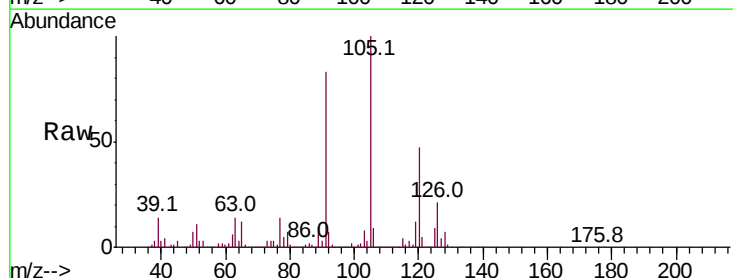
Acq: 19 Mar 2019 22:13

Tgt Ion:105 Resp: 796499

Ion Ratio Lower Upper

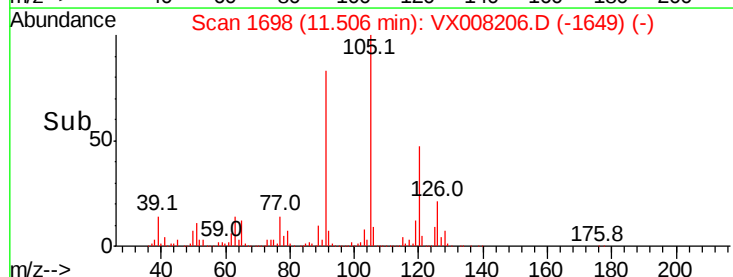
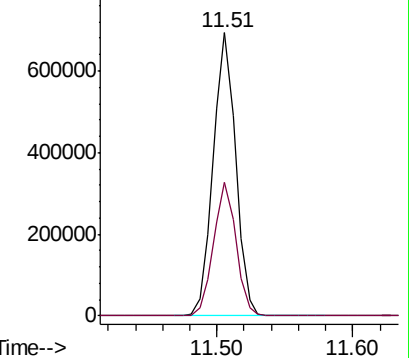
105 100

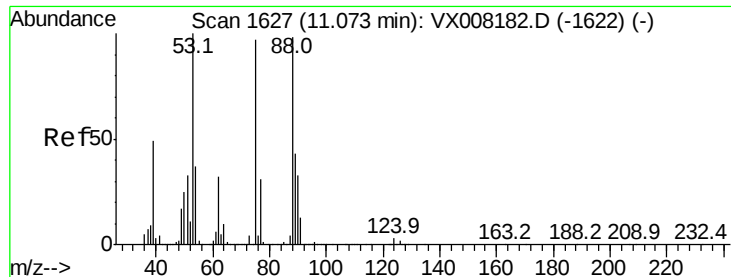
120 47.0 24.9 74.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





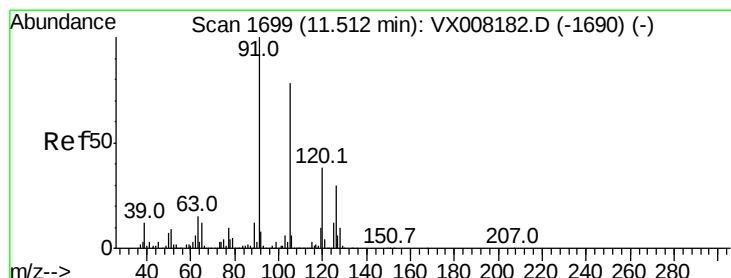
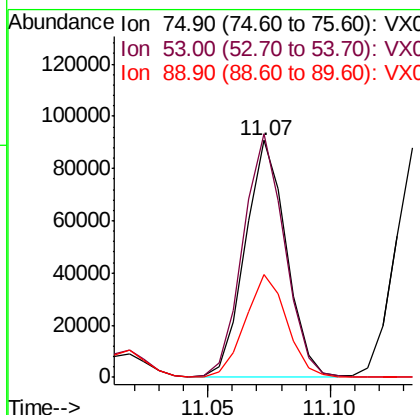
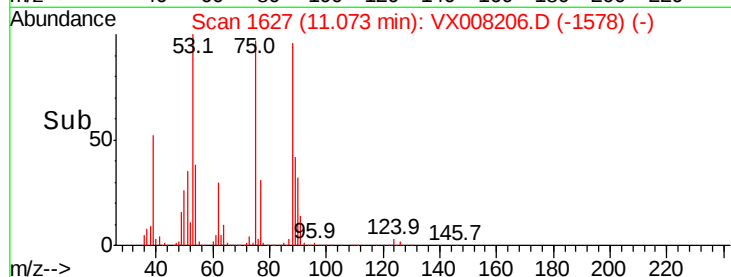
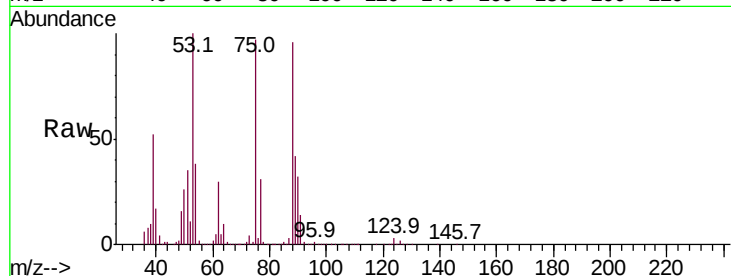
#81  
trans-1,4-Dichloro-2-butene  
Concen: 47.367 ug/l  
RT: 11.07 min Scan# 1627  
Delta R.T. 0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 103.9 | 76.1  | 114.1 |
| 89      | 43.9  | 36.3  | 54.5  |

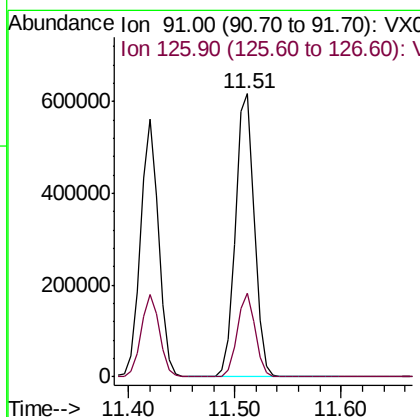
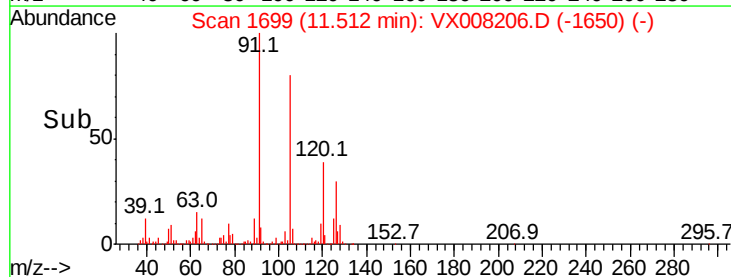
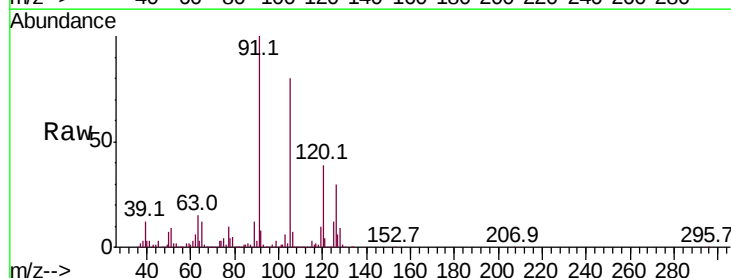
Manual Integrations  
APPROVED

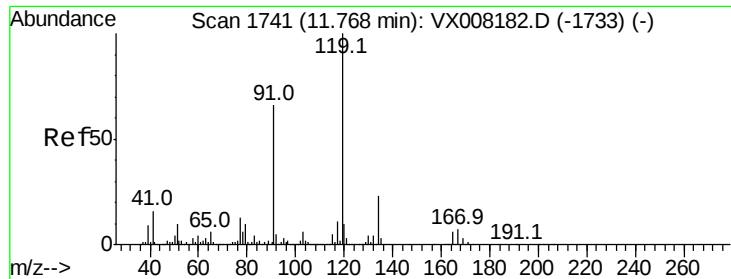
MMDadoda  
3/20/2019 10:27:28 AM



#82  
4-Chlorotoluene  
Concen: 52.482 ug/l  
RT: 11.51 min Scan# 1699  
Delta R.T. -0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 28.2  | 15.6  | 46.8  |





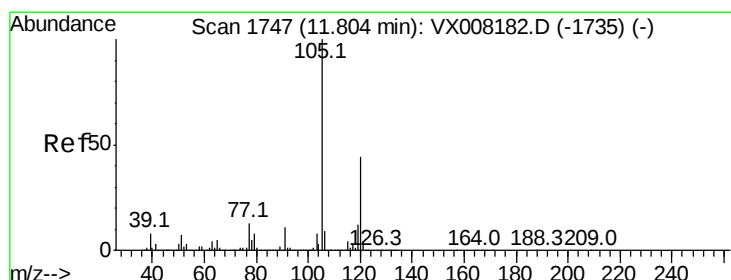
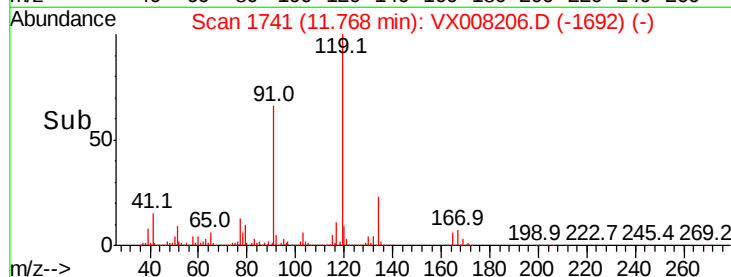
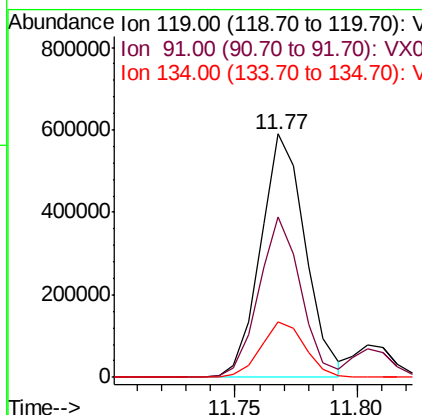
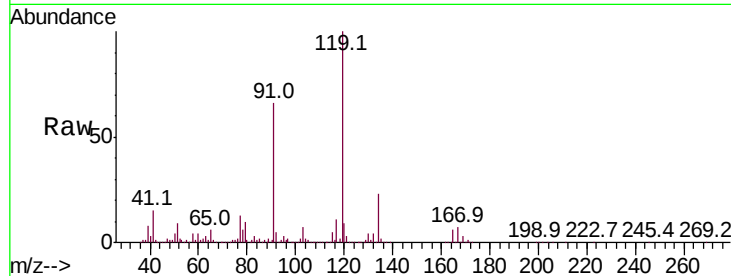
#83  
 tert-Butylbenzene  
 Concen: 52.480 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: VX008206.D  
 Acq: 19 Mar 2019 22:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 119     | 100   |            |       |
| 91      | 62.1  | 27.1       | 81.3  |
| 134     | 22.5  | 11.4       | 34.1  |

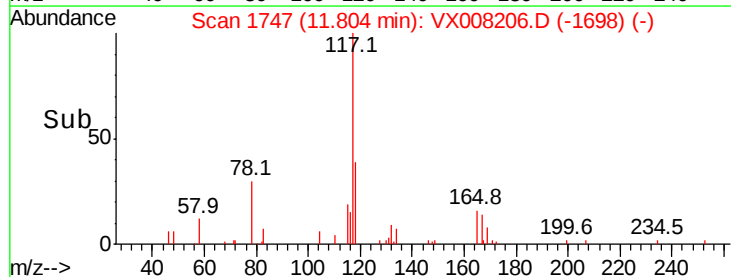
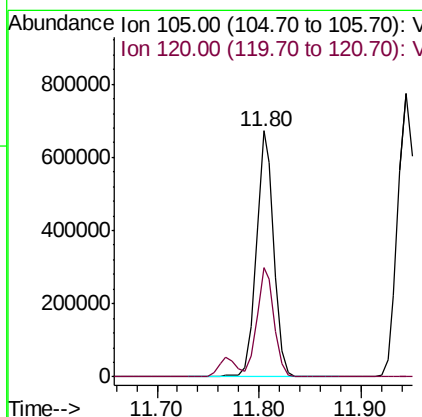
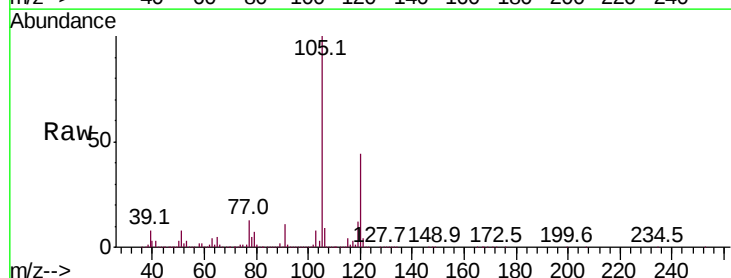
Manual Integrations  
 APPROVED

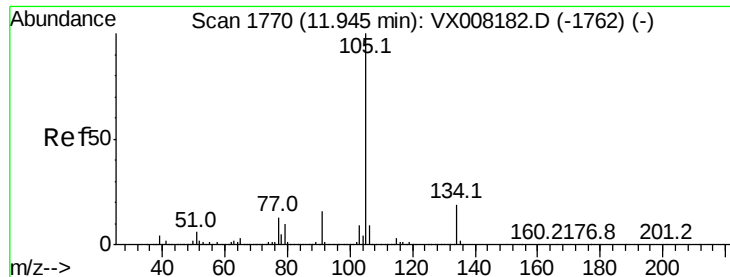
MMDadoda  
 3/20/2019 10:27:28 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 53.313 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. -0.00 min  
 Lab File: VX008206.D  
 Acq: 19 Mar 2019 22:13

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 105     | 100   |            |       |
| 120     | 43.5  | 22.6       | 67.7  |





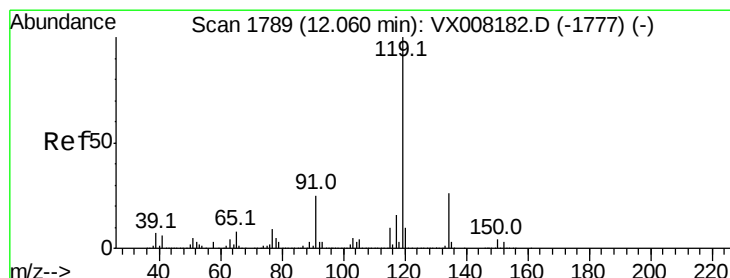
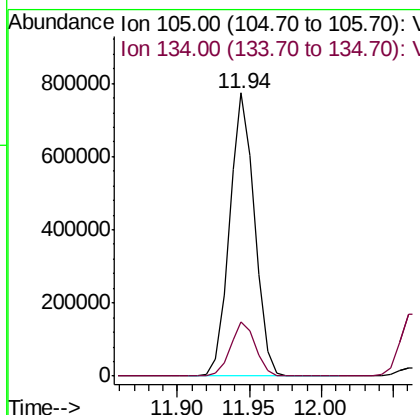
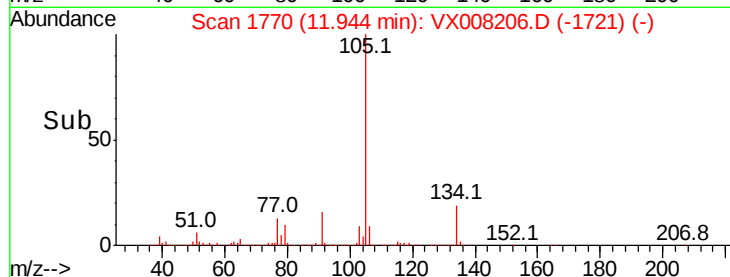
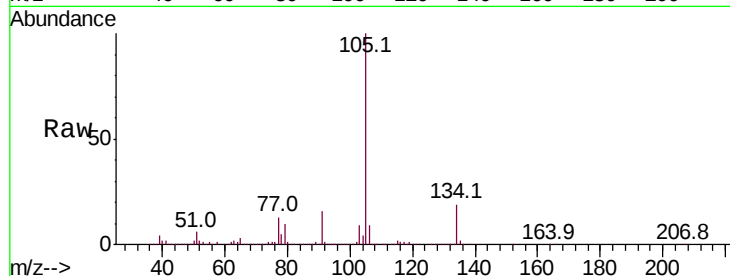
#85  
 sec-Butylbenzene  
 Concen: 53.451 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. -0.00 min  
 Lab File: VX008206.D  
 Acq: 19 Mar 2019 22:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 19.3  | 10.4  | 31.2  |

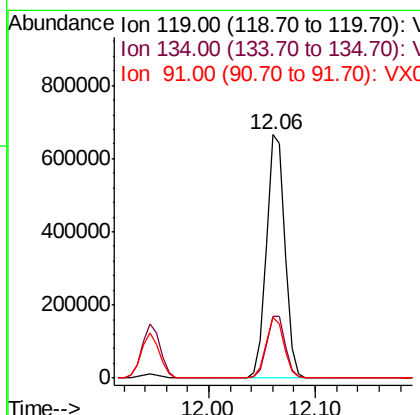
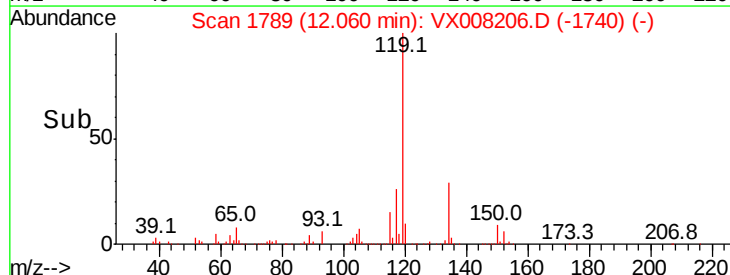
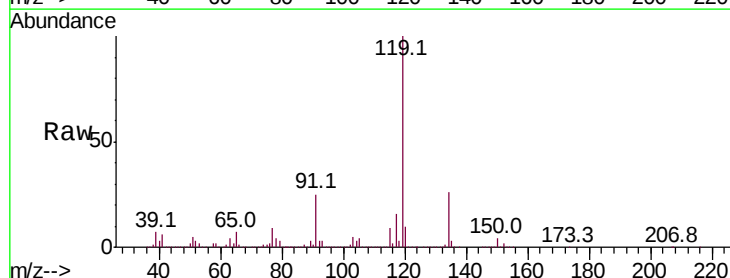
Manual Integrations  
 APPROVED

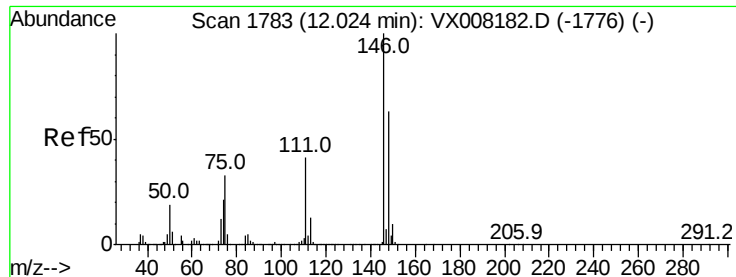
MMDadoda  
 3/20/2019 10:27:28 AM



#86  
 p-Isopropyltoluene  
 Concen: 53.137 ug/l  
 RT: 12.06 min Scan# 1789  
 Delta R.T. -0.00 min  
 Lab File: VX008206.D  
 Acq: 19 Mar 2019 22:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 25.8  | 13.3  | 39.9  |
| 91      | 24.3  | 10.9  | 32.7  |





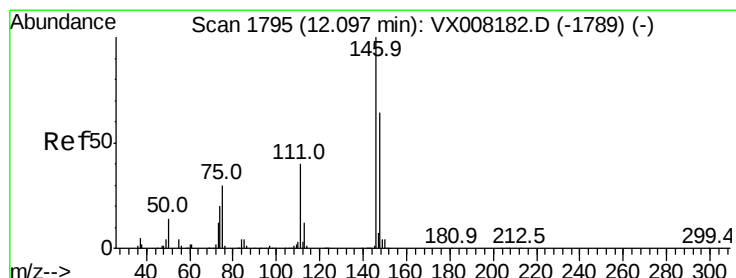
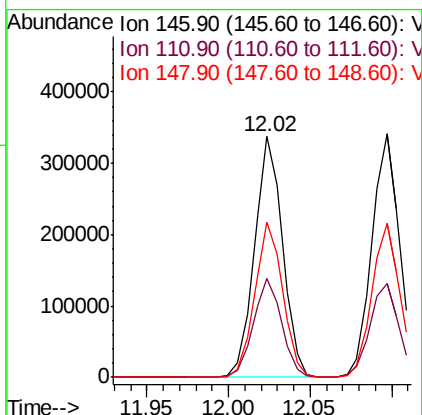
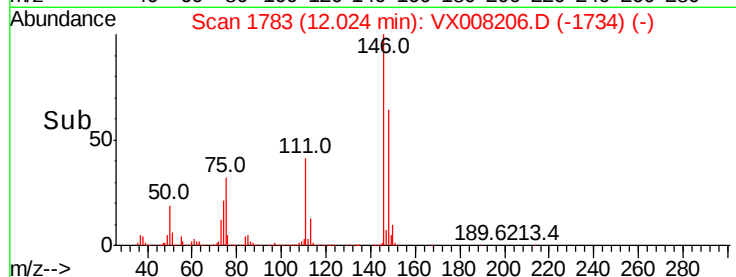
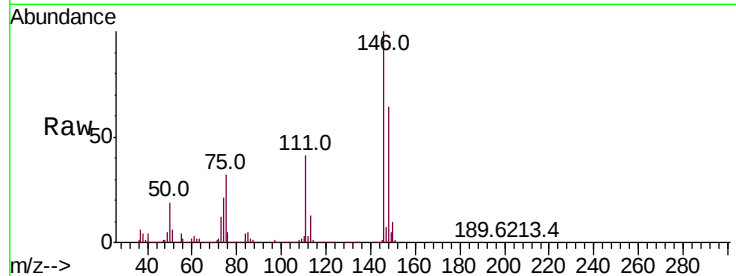
#87  
 1,3-Dichlorobenzene  
 Concen: 51.872 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX008206.D  
 Acq: 19 Mar 2019 22:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   |      |       |       |
| 111     | 41.5  | 18.9 | 56.7  |       |
| 148     | 64.0  | 31.7 | 95.1  |       |

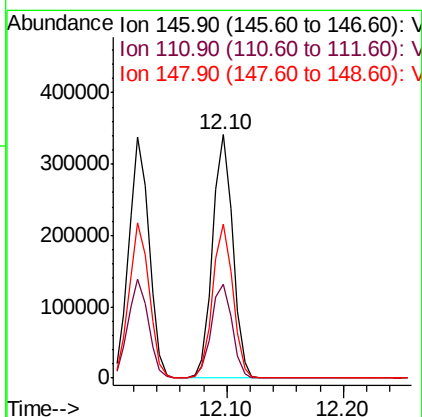
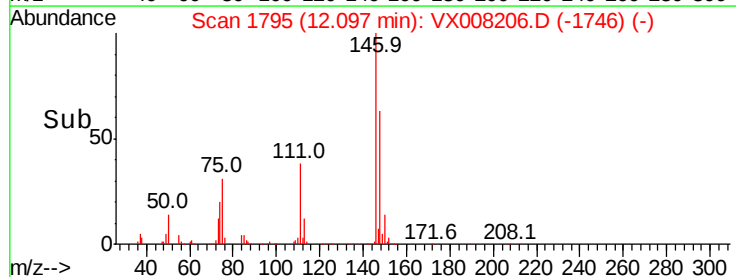
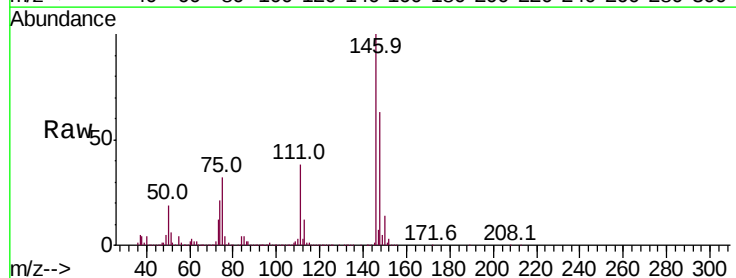
Manual Integrations  
 APPROVED

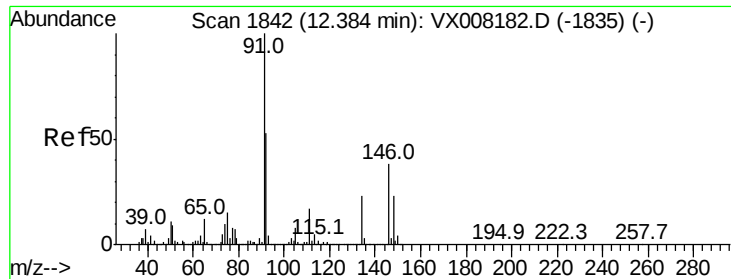
MMDadoda  
 3/20/2019 10:27:28 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 50.188 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX008206.D  
 Acq: 19 Mar 2019 22:13

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 146     | 100   |      |       |       |
| 111     | 39.8  | 18.4 | 55.0  |       |
| 148     | 63.4  | 32.2 | 96.6  |       |





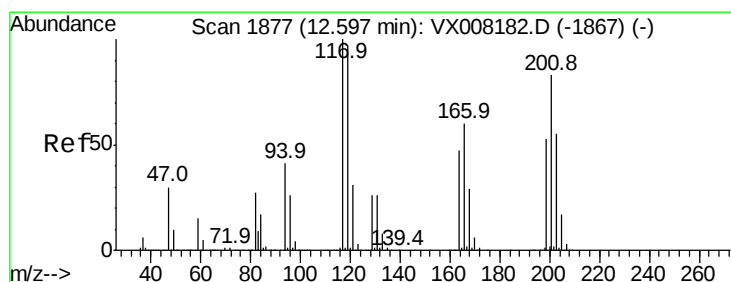
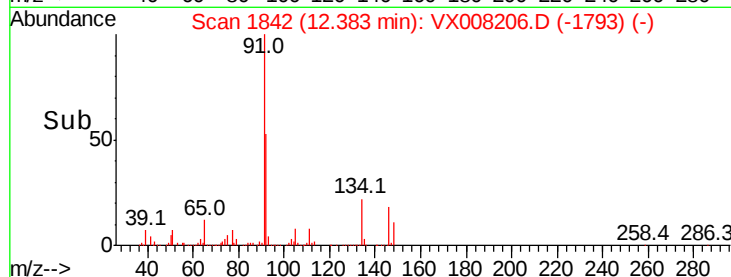
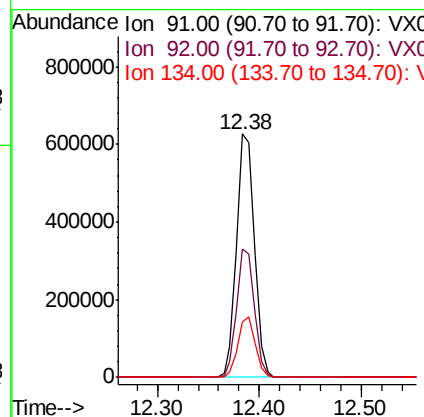
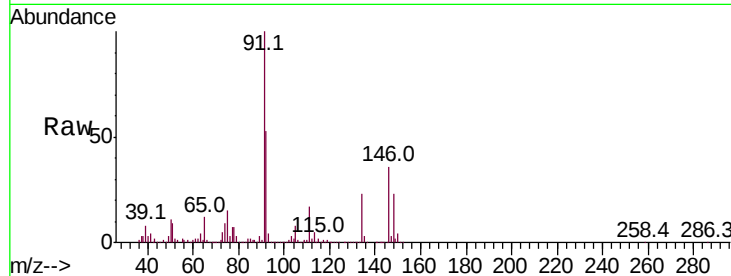
#89  
n-Butylbenzene  
Concen: 52.372 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. -0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.3  | 27.0  | 80.8  |
| 134     | 24.1  | 13.7  | 41.0  |

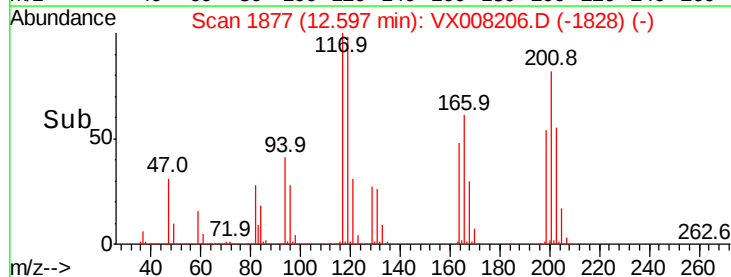
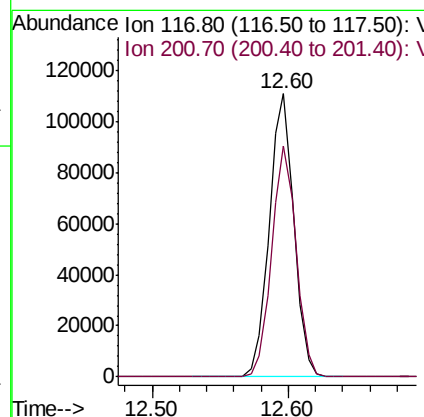
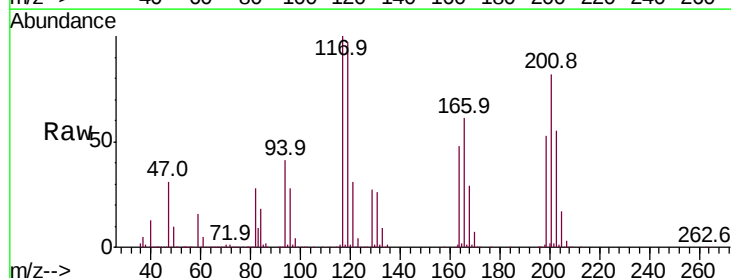
Manual Integrations  
APPROVED

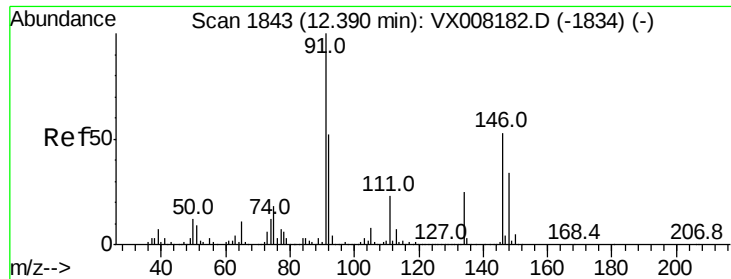
MMDadoda  
3/20/2019 10:27:28 AM



#90  
Hexachloroethane  
Concen: 54.124 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: VX008206.D  
Acq: 19 Mar 2019 22:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 81.3  | 48.9  | 146.7 |





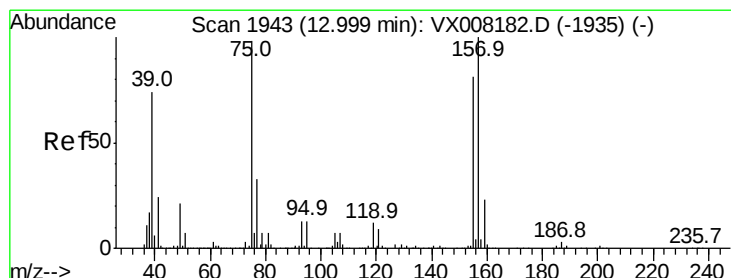
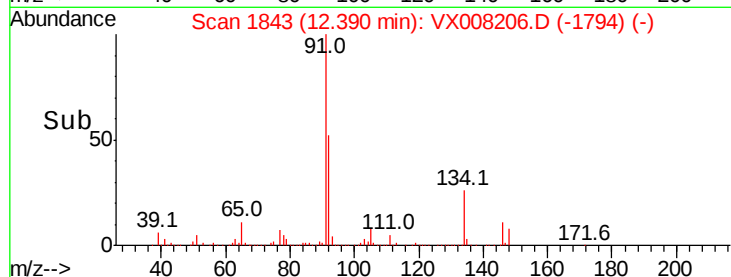
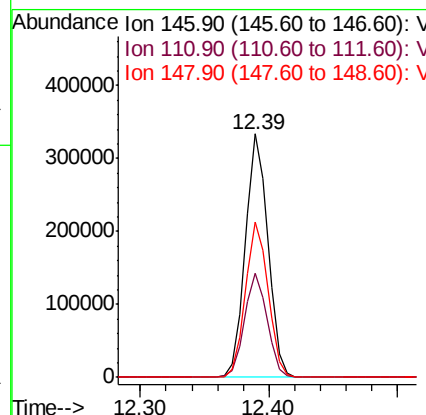
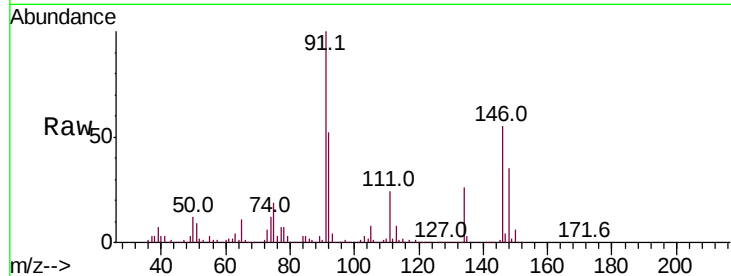
#91  
 1,2-Dichlorobenzene  
 Concen: 51.381 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. -0.00 min  
 Lab File: VX008206.D  
 Acq: 19 Mar 2019 22:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.0  | 19.6  | 58.8  |
| 148     | 63.8  | 31.9  | 95.5  |

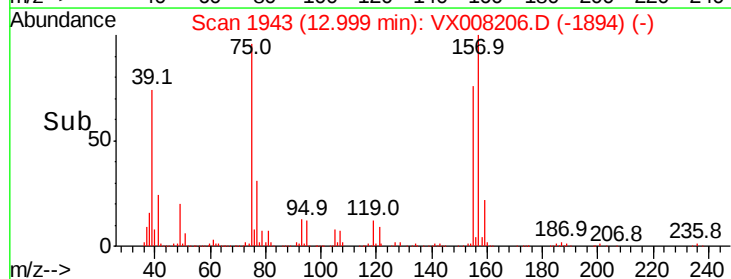
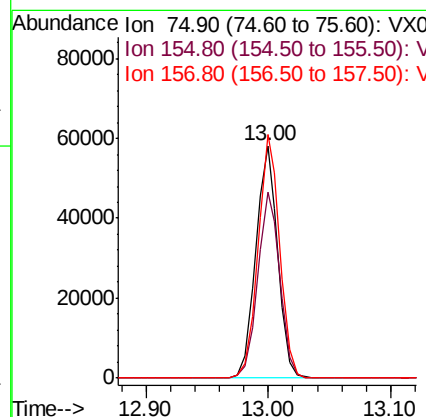
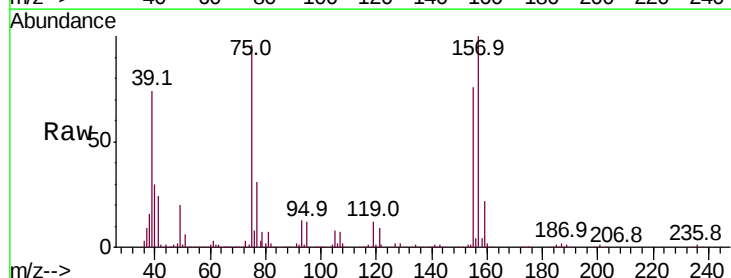
Manual Integrations  
 APPROVED

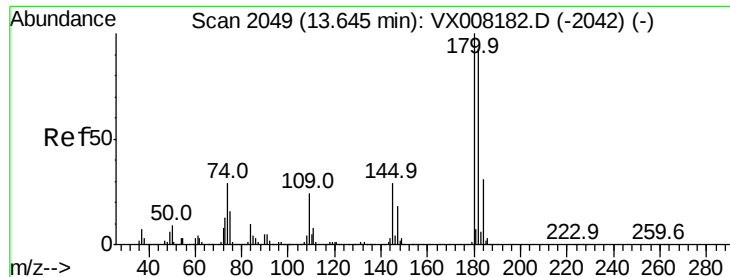
MMDadoda  
 3/20/2019 10:27:28 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 50.628 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VX008206.D  
 Acq: 19 Mar 2019 22:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 80.8  | 49.7  | 149.1 |
| 157     | 103.4 | 63.8  | 191.4 |





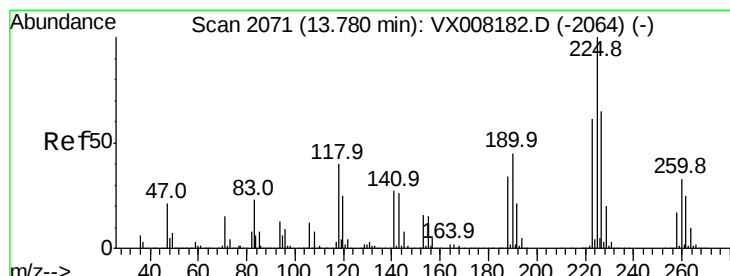
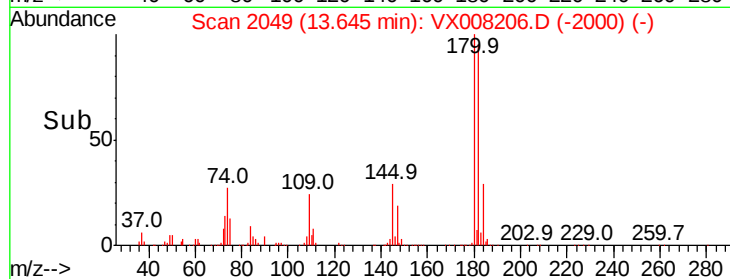
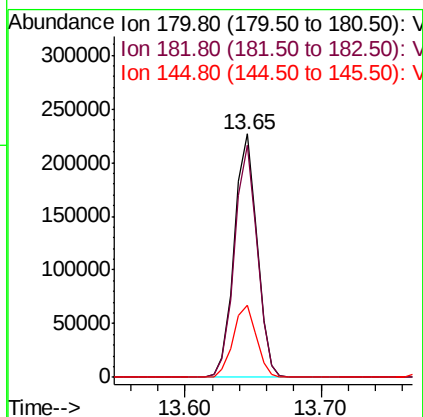
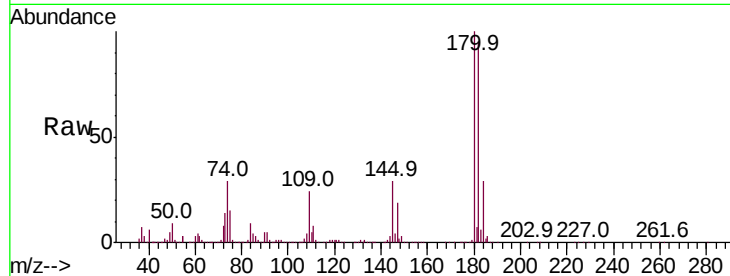
#93  
 1,2,4-Trichlorobenzene  
 Concen: 51.158 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX008206.D  
 Acq: 19 Mar 2019 22:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 265144 |       |       |
| 182     | 95.0  | 47.9   | 143.7 |       |
| 145     | 30.2  | 14.1   | 42.4  |       |

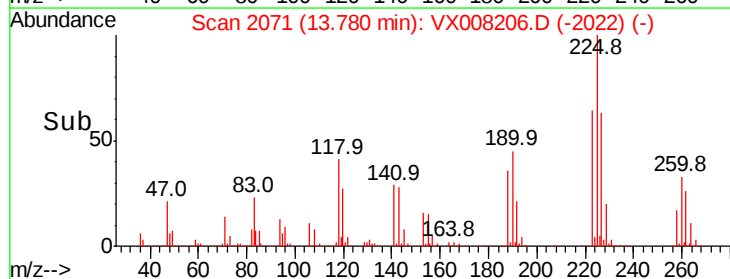
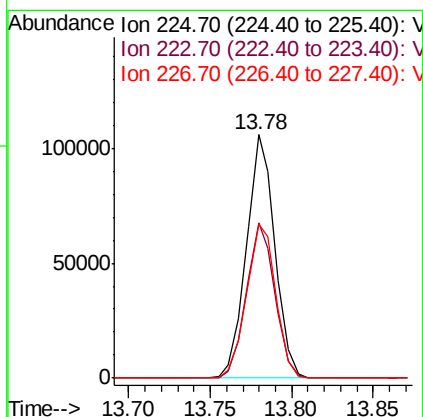
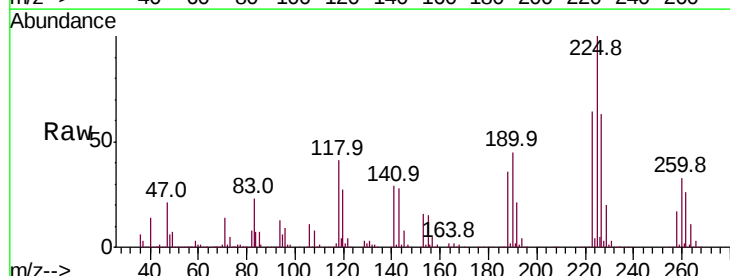
Manual Integrations  
 APPROVED

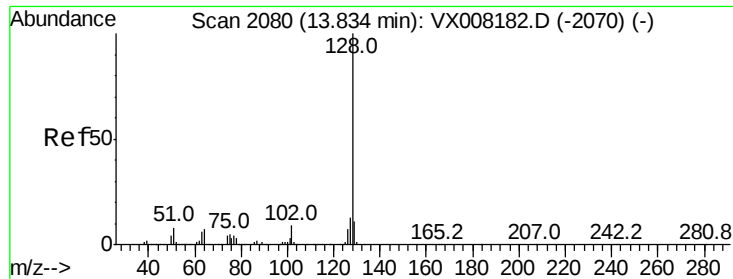
MMDadoda  
 3/20/2019 10:27:28 AM



#94  
 Hexachlorobutadiene  
 Concen: 50.728 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: VX008206.D  
 Acq: 19 Mar 2019 22:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 128225 |       |       |
| 223     | 64.2  | 31.1   | 93.2  |       |
| 227     | 65.5  | 32.0   | 96.0  |       |





#95

Naphthalene

Concen: 53.633 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

Instrument :

MSVOA\_X

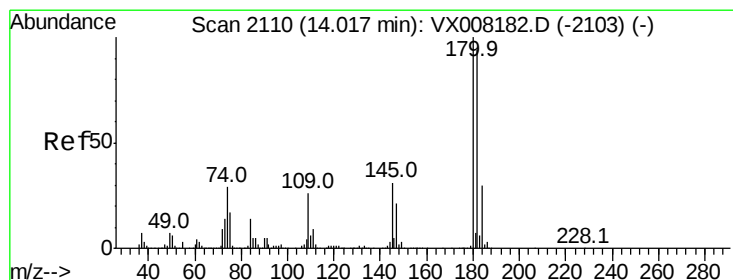
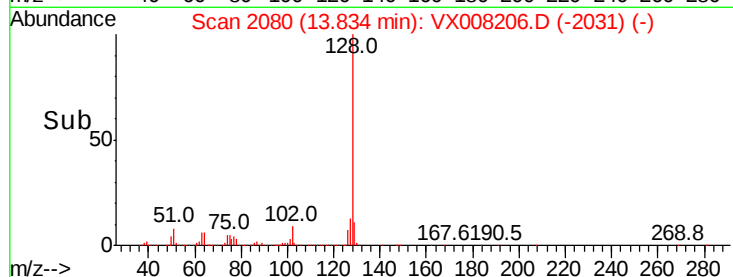
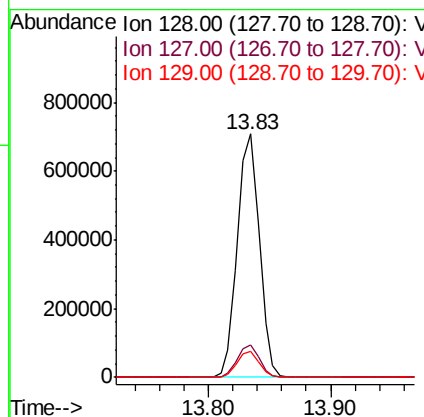
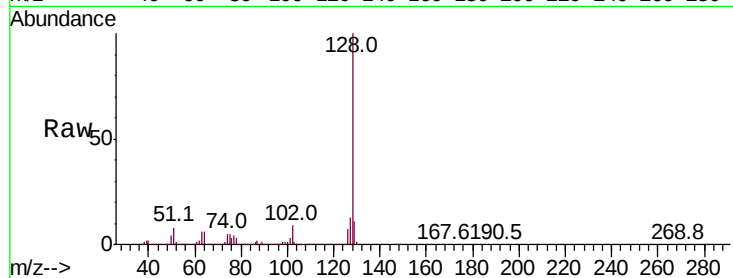
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 128   | Resp: | 877329 |
| Ion Ratio | Lower | Upper |        |
| 128       | 100   |       |        |
| 127       | 13.3  | 10.3  | 15.5   |
| 129       | 10.8  | 8.7   | 13.1   |

Manual Integrations  
APPROVED

MMDadoda  
3/20/2019 10:27:28 AM



#96

1,2,3-Trichlorobenzene

Concen: 51.670 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX008206.D

Acq: 19 Mar 2019 22:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 180   | Resp: | 263505 |
| Ion Ratio | Lower | Upper |        |
| 180       | 100   |       |        |
| 182       | 96.0  | 47.5  | 142.5  |
| 145       | 31.7  | 14.8  | 44.3   |

