

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012119\  
 Data File : VX007170.D  
 Acq On : 21 Jan 2019 20:13  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 1/22/2019 10:56:21 AM

Quant Time: Jan 22 02:13:57 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 08 14:06:59 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 457092   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 676500   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 638906   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 343576   | 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   | 232765   | 48.73 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.46%  |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 208044   | 48.02 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.04%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 779269   | 49.14 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.28%  |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 292337   | 52.88 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.76% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 181694   | 48.405  | ug/l  | 98     |
| 3) Chloromethane              | 1.33 | 50   | 204530   | 46.806  | ug/l  | 97     |
| 4) Vinyl Chloride             | 1.41 | 62   | 217056   | 46.177  | ug/l  | 98     |
| 5) Bromomethane               | 1.64 | 94   | 226047   | 45.011  | ug/l  | 97     |
| 6) Chloroethane               | 1.71 | 64   | 142225   | 43.333  | ug/l  | 98     |
| 7) Trichlorofluoromethane     | 1.93 | 101  | 349382   | 46.002  | ug/l  | 99     |
| 8) Diethyl Ether              | 2.19 | 74   | 139356   | 46.120  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101  | 210542   | 46.303  | ug/l  | 98     |
| 10) Methyl Iodide             | 2.51 | 142  | 289581   | 47.213  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 3.07 | 59   | 246933   | 219.133 | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 193770   | 46.124  | ug/l  | 94     |
| 13) Acrolein                  | 2.29 | 56   | 142579   | 292.839 | ug/l  | 97     |
| 14) Allyl chloride            | 2.73 | 41   | 333160   | 46.274  | ug/l  | 100    |
| 15) Acrylonitrile             | 3.15 | 53   | 613304   | 237.083 | ug/l  | 100    |
| 16) Acetone                   | 2.45 | 43   | 511526   | 216.602 | ug/l  | 99     |
| 17) Carbon Disulfide          | 2.57 | 76   | 429909   | 39.748  | ug/l  | 99     |
| 18) Methyl Acetate            | 2.78 | 43   | 335979   | 49.127  | ug/l  | 98     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73   | 697243   | 47.818  | ug/l  | 99     |
| 20) Methylene Chloride        | 2.86 | 84   | 227212   | 50.591  | ug/l  | 96     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96   | 208062   | 44.442  | ug/l  | 93     |
| 22) Diisopropyl ether         | 3.87 | 45   | 665474   | 49.165  | ug/l  | 99     |
| 23) Vinyl Acetate             | 3.82 | 43   | 2700014  | 236.537 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 367337   | 48.535  | ug/l  | 99     |
| 25) 2-Butanone                | 4.69 | 43   | 789079   | 233.517 | ug/l  | 98     |
| 26) 2,2-Dichloropropane       | 4.59 | 77   | 258879   | 44.481  | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96   | 241334   | 46.735  | ug/l  | 98     |
| 28) Bromochloromethane        | 5.01 | 49   | 152584   | 46.014  | ug/l  | 96     |
| 29) Tetrahydrofuran           | 5.15 | 42   | 507907   | 231.288 | ug/l  | 98     |
| 30) Chloroform                | 5.21 | 83   | 387748   | 48.932  | ug/l  | 97     |
| 31) Cyclohexane               | 5.57 | 56   | 309948   | 46.012  | ug/l  | 97     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97   | 325041   | 48.393  | ug/l  | 98     |
| 36) 1,1-Dichloropropene       | 5.80 | 75   | 276666   | 47.039  | ug/l  | 99     |
| 37) Ethyl Acetate             | 4.85 | 43   | 299099   | 47.434  | ug/l  | 98     |
| 38) Carbon Tetrachloride      | 5.78 | 117  | 286002   | 48.331  | ug/l  | 98     |

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 Acq On : 21 Jan 2019 20:13  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
 APPROVED

MMDadoda  
 1/22/2019 10:56:21 AM

Quant Time: Jan 22 02:13:57 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Jan 08 14:06:59 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 341571   | 45.554  | ug/l  | 100      |
| 40) Benzene                    | 6.14  | 78   | 854858   | 47.634  | ug/l  | 99       |
| 41) Methacrylonitrile          | 5.06  | 41   | 170256   | 46.870  | ug/l  | 98       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 293277   | 47.290  | ug/l  | 100      |
| 43) Isopropyl Acetate          | 6.46  | 43   | 483078   | 48.569  | ug/l  | 97       |
| 44) Trichloroethene            | 7.21  | 130  | 249707   | 46.432  | ug/l  | 99       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 221392   | 49.069  | ug/l  | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 152968   | 48.241  | ug/l  | 96       |
| 47) Bromodichloromethane       | 7.90  | 83   | 278593   | 51.616  | ug/l  | 97       |
| 48) Methyl methacrylate        | 7.77  | 41   | 252243   | 49.384  | ug/l  | 97       |
| 49) 1,4-Dioxane                | 7.75  | 88   | 111977   | 959.625 | ug/l  | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 1633182  | 255.502 | ug/l  | 99       |
| 52) Toluene                    | 8.78  | 92   | 565410   | 49.017  | ug/l  | 98       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 302688   | 50.574  | ug/l  | 98       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 338083   | 51.151  | ug/l  | 98       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 242095   | 52.436  | ug/l  | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 355637   | 52.764  | ug/l  | 95       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 384663   | 50.855  | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 877743   | 253.279 | ug/l  | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 1225529  | 251.591 | ug/l  | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 247202   | 55.139  | ug/l  | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 257904   | 50.740  | ug/l  | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 253464   | 45.822  | ug/l  | 97       |
| 65) Chlorobenzene              | 10.13 | 112  | 667589   | 47.908  | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 240517   | 51.308  | ug/l  | 100      |
| 67) Ethyl Benzene              | 10.25 | 91   | 1110065  | 48.254  | ug/l  | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 882018   | 97.315  | ug/l  | 99       |
| 69) o-Xylene                   | 10.69 | 106  | 437476   | 49.493  | ug/l  | 98       |
| 70) Styrene                    | 10.71 | 104  | 713116   | 50.939  | ug/l  | 99       |
| 71) Bromoform                  | 10.86 | 173  | 189408   | 45.620  | ug/l  | 98       |
| 73) Isopropylbenzene           | 11.02 | 105  | 1164207  | 48.054  | ug/l  | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 452135   | 46.352  | ug/l  | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 357757   | 46.515  | ug/l  | 100      |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 329572m  | 47.336  | ug/l  |          |
| 77) Bromobenzene               | 11.26 | 156  | 314025   | 47.042  | ug/l  | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 1312560  | 49.352  | ug/l  | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 765982   | 47.845  | ug/l  | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 958527   | 47.350  | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 93114    | 41.089  | ug/l  | 98       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 890255   | 48.027  | ug/l  | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 959009   | 47.482  | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 979754   | 48.130  | ug/l  | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 1173235  | 48.639  | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 1053106  | 48.810  | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 562871   | 46.650  | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 565302   | 49.451  | ug/l  | 100      |
| 89) n-Butylbenzene             | 12.38 | 91   | 891960   | 48.496  | ug/l  | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 159929   | 46.639  | ug/l  | 95       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 565861   | 47.523  | ug/l  | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 73070    | 48.036  | ug/l  | 100      |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012119\  
Data File : VX007170.D  
Acq On : 21 Jan 2019 20:13  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 23 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Manual Integrations  
APPROVED

MMDadoda  
1/22/2019 10:56:21 AM

Quant Time: Jan 22 02:13:57 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X010819W.M  
Quant Title : SW846 8260  
QLast Update : Tue Jan 08 14:06:59 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 389280   | 47.652 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 178833   | 49.331 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 1186925  | 47.948 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 386867   | 47.673 | ug/l  | 99       |

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

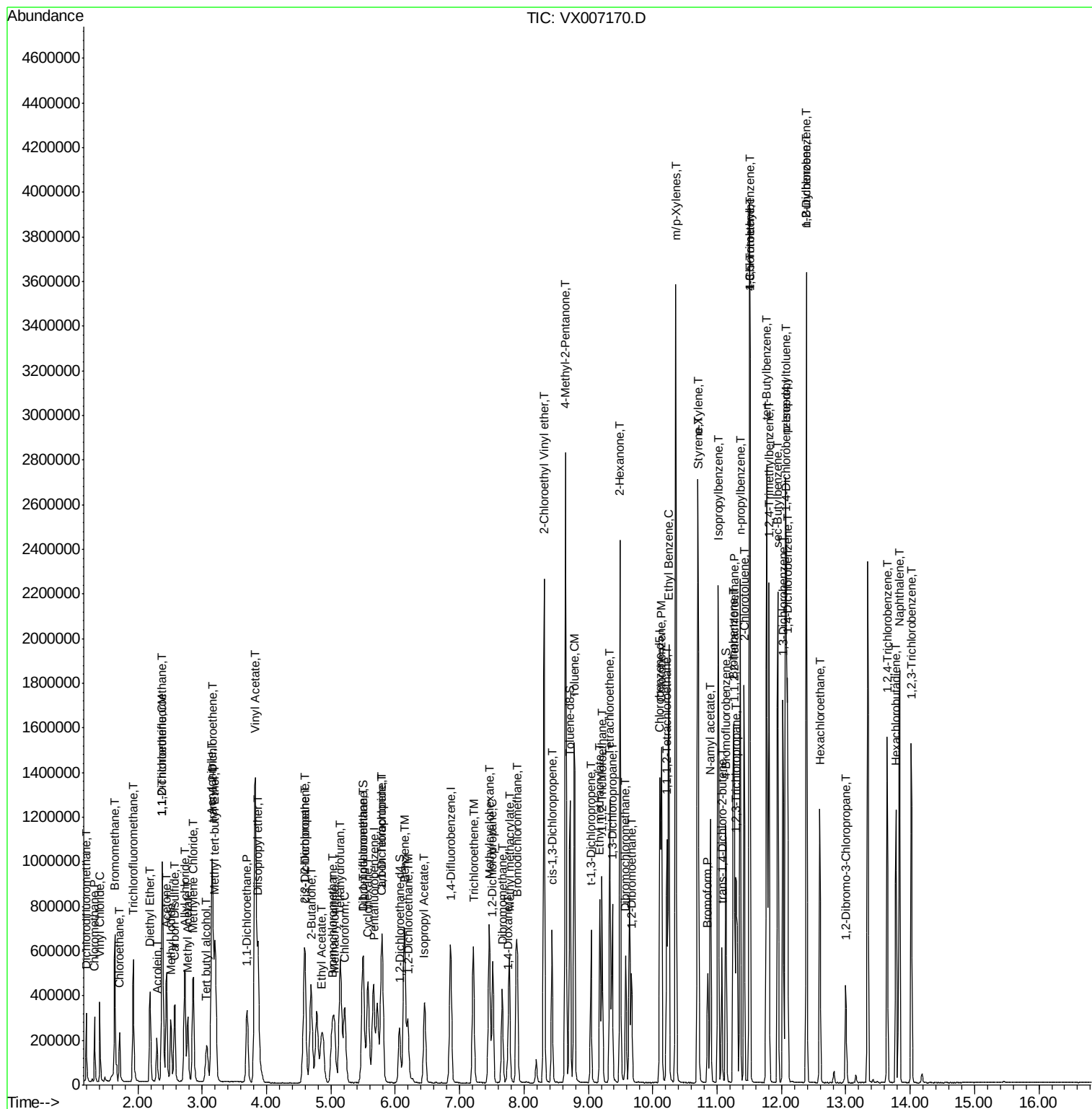
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 Data File : VX007170.D  
 Acq On : 21 Jan 2019 20:13  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

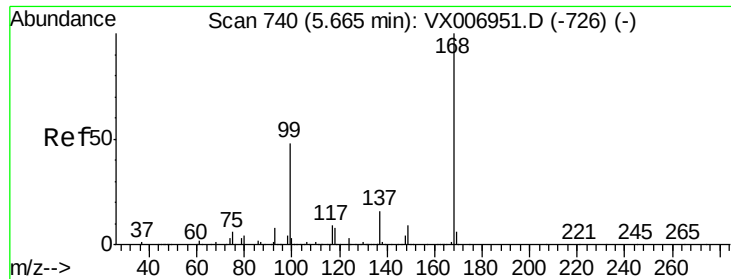
Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Manual Integrations  
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 1/22/2019 10:56:21 AM

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 Quant Title : SW846 8260  
 QLast Update : Tue Jan 08 14:06:59 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: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 457092

Ion Ratio Lower Upper

168 100

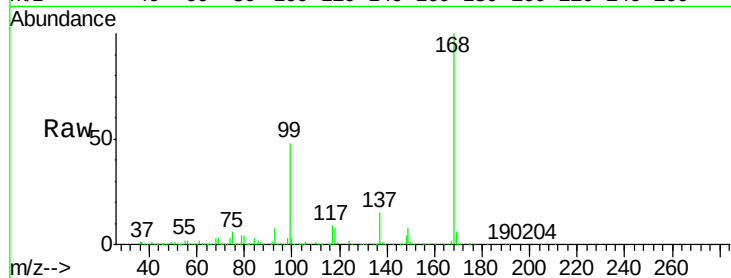
99 48.0 41.8 62.8

Manual Integrations

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1/22/2019 10:56:21 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

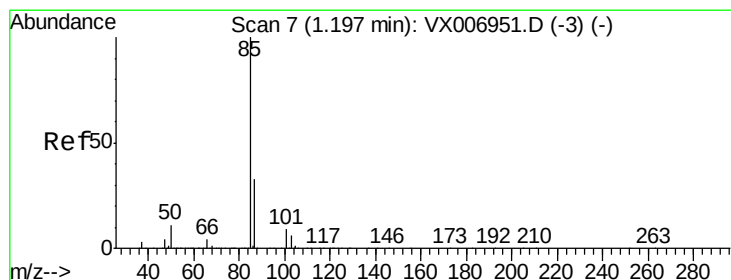
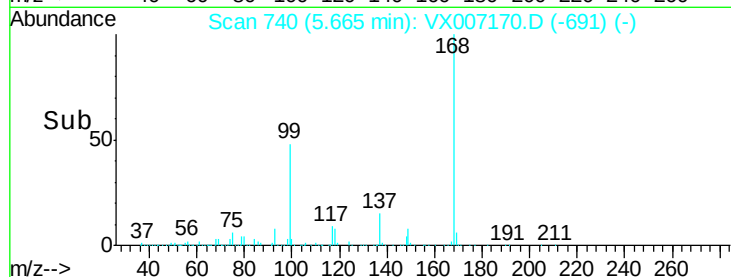
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.405 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX007170.D

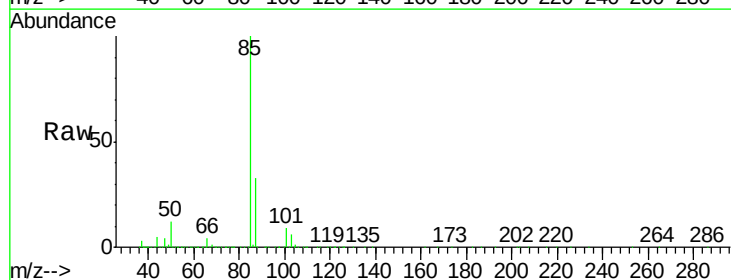
Acq: 21 Jan 2019 20:13

Tgt Ion: 85 Resp: 181694

Ion Ratio Lower Upper

85 100

87 33.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

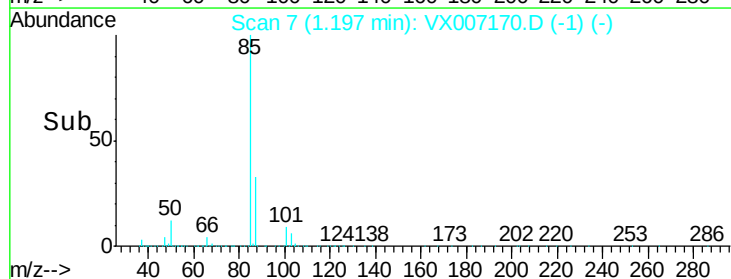
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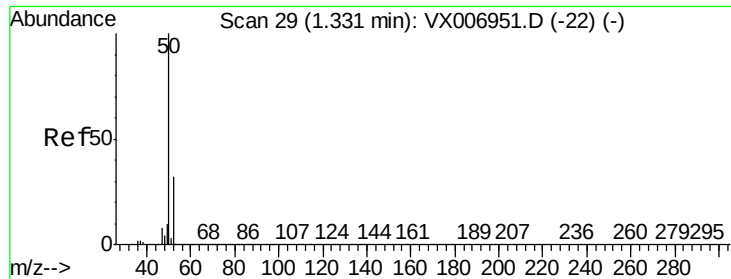
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50000

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Time-->





#3

Chloromethane

Concen: 46.806 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 204530

Ion Ratio Lower Upper

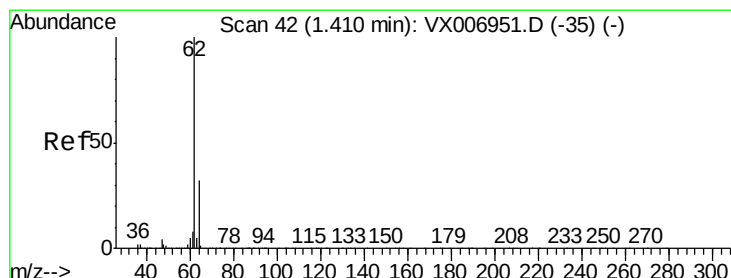
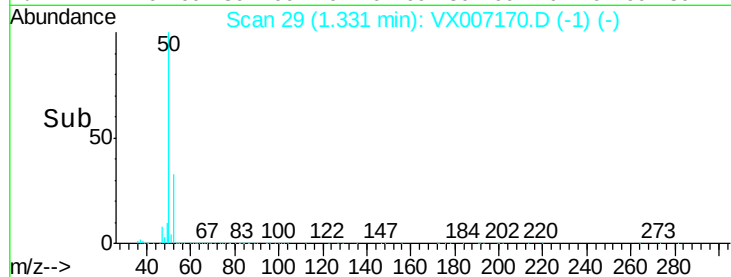
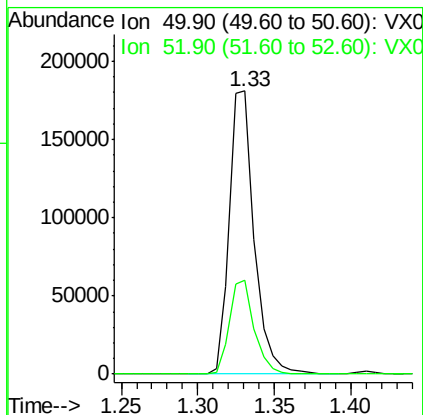
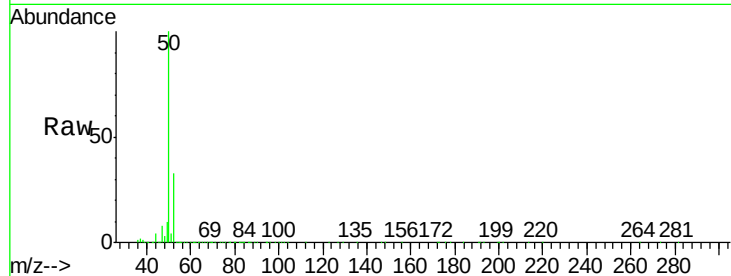
50 100

52 33.3 25.4 38.2

Manual Integrations  
APPROVED

MMDadoda

1/22/2019 10:56:21 AM



#4

Vinyl Chloride

Concen: 46.177 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX007170.D

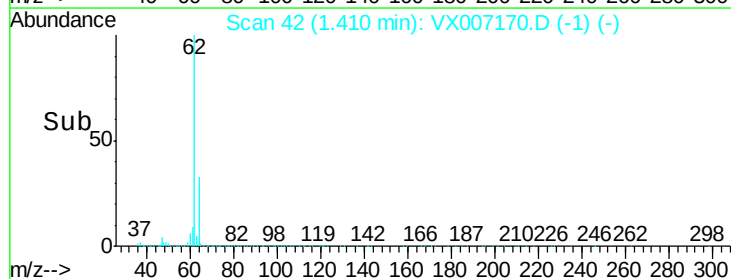
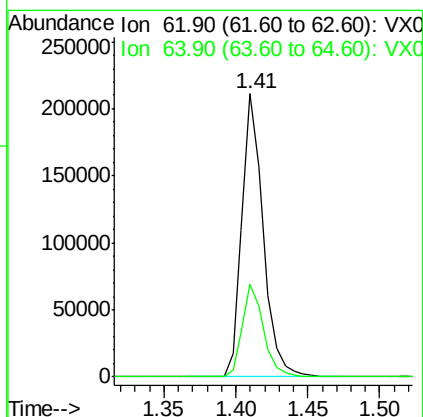
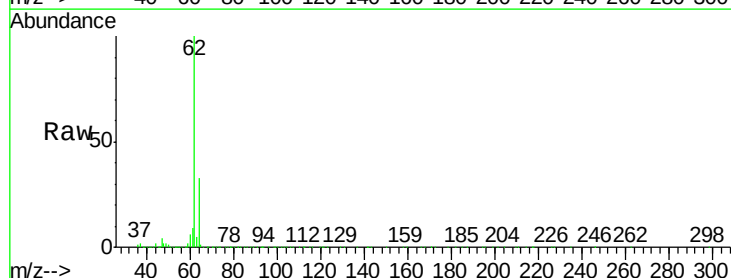
Acq: 21 Jan 2019 20:13

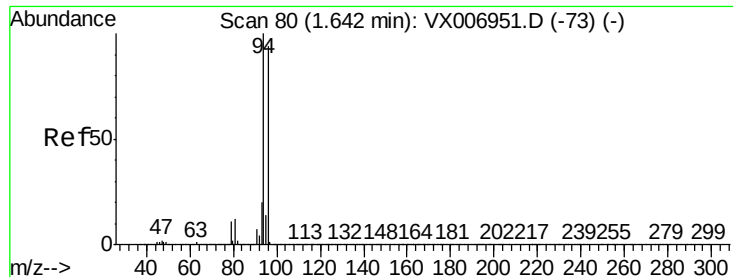
Tgt Ion: 62 Resp: 217056

Ion Ratio Lower Upper

62 100

64 32.8 25.1 37.7





#5

Bromomethane

Concen: 45.011 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 226047

Ion Ratio Lower Upper

94 100

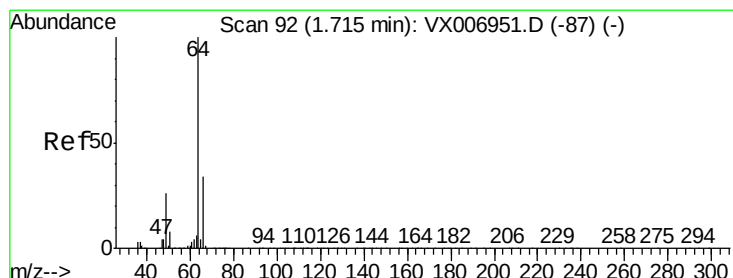
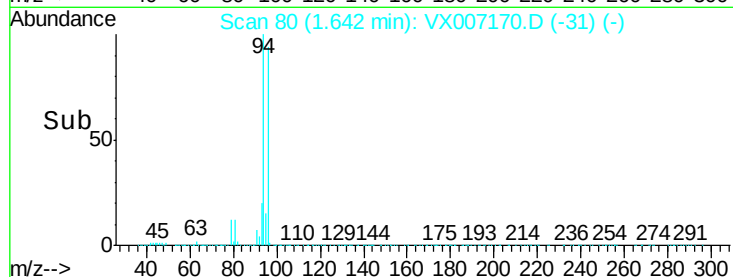
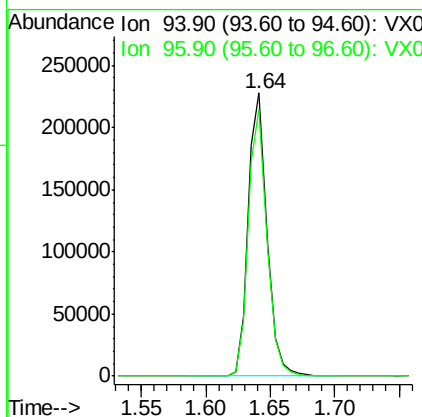
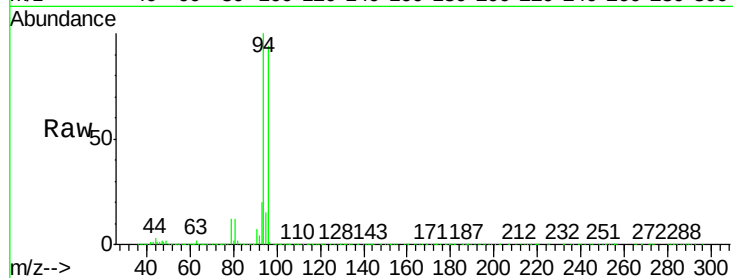
96 94.3 73.4 110.2

Manual Integrations

APPROVED

MMDadoda

1/22/2019 10:56:21 AM



#6

Chloroethane

Concen: 43.333 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX007170.D

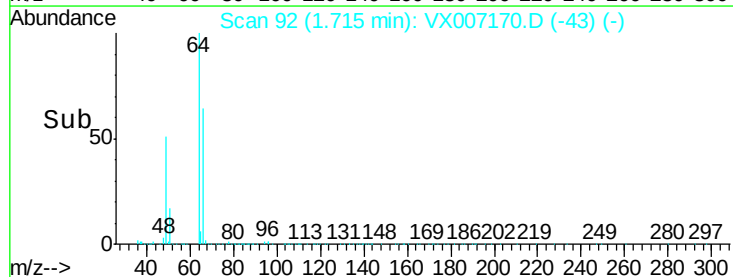
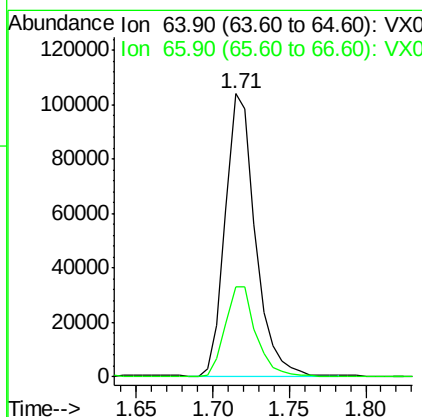
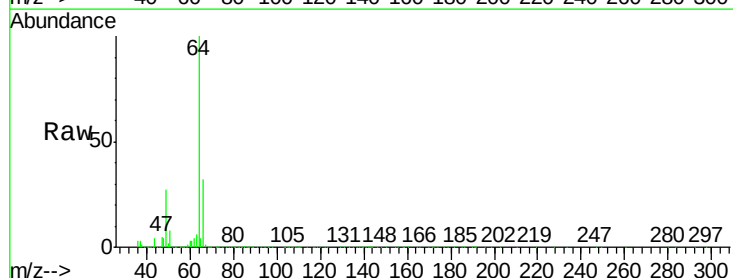
Acq: 21 Jan 2019 20:13

Tgt Ion: 64 Resp: 142225

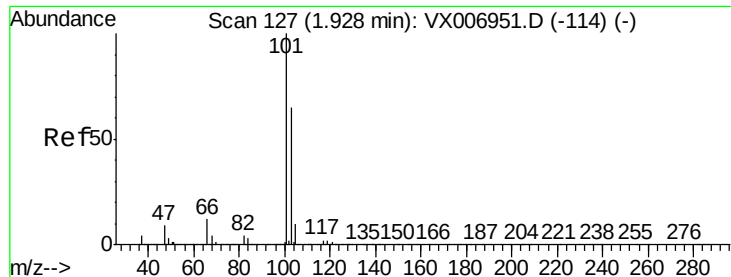
Ion Ratio Lower Upper

64 100

66 31.6 26.4 39.6







#7

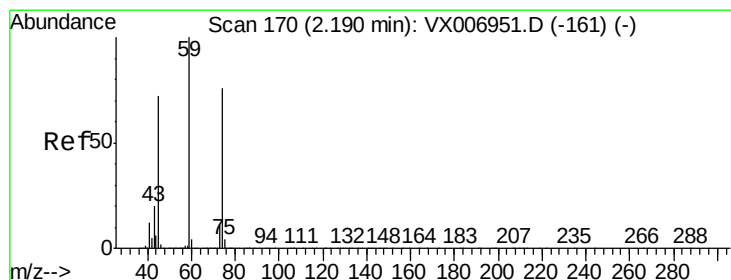
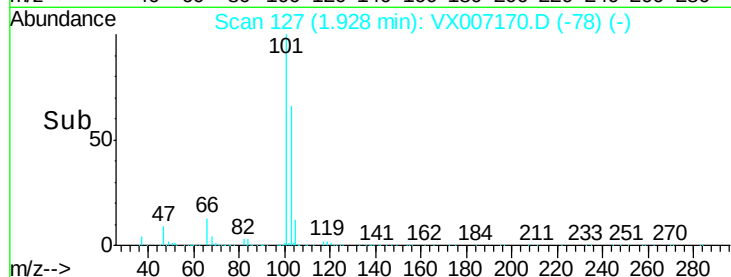
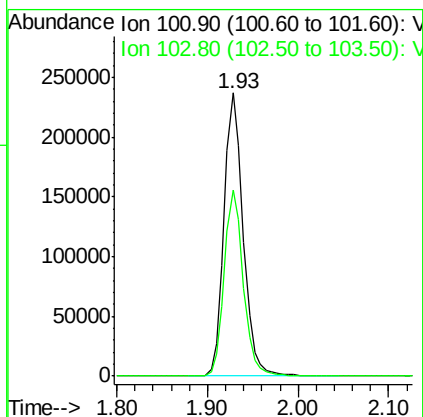
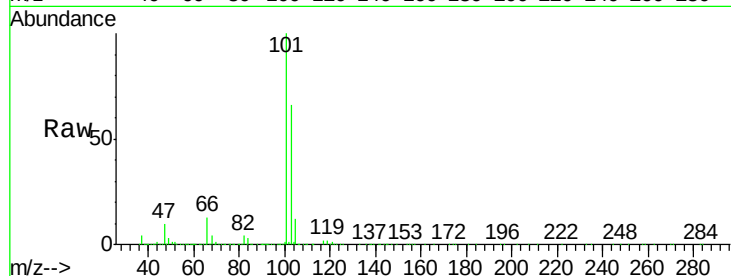
Trichlorofluoromethane  
Concen: 46.002 ug/l  
RT: 1.93 min Scan# 127  
Delta R.T. 0.00 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.5  | 53.2  | 79.8  |

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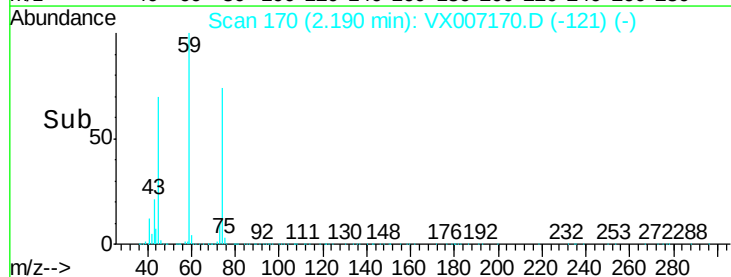
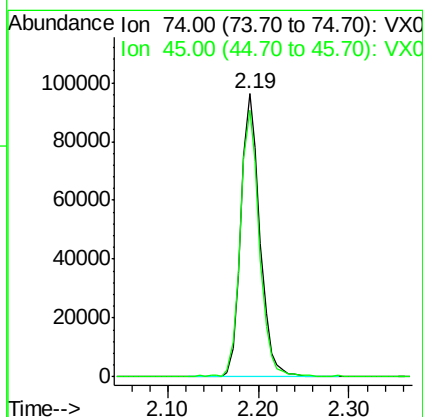
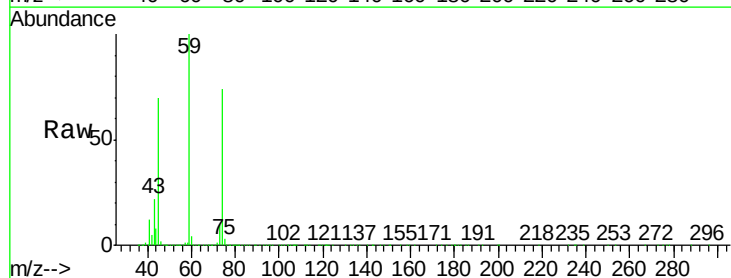
MMDadoda  
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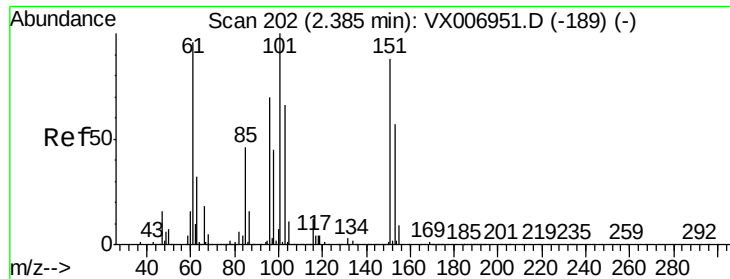
#8

Diethyl Ether  
Concen: 46.120 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. 0.00 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 93.5  | 46.3  | 138.9 |







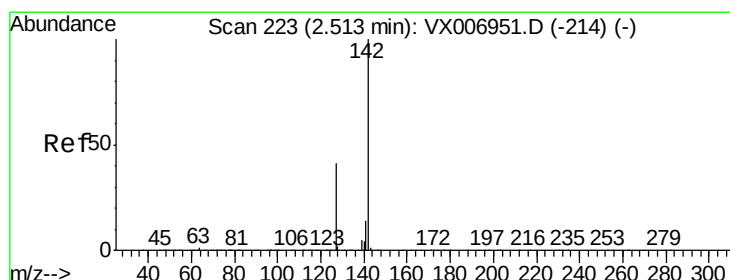
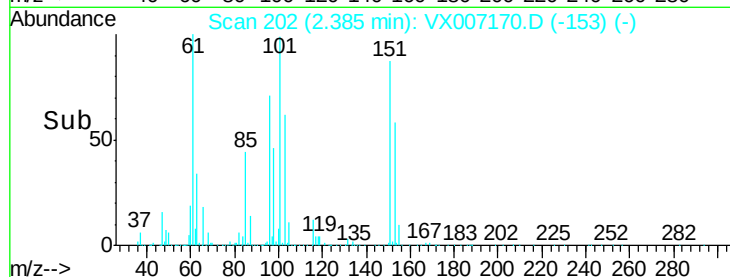
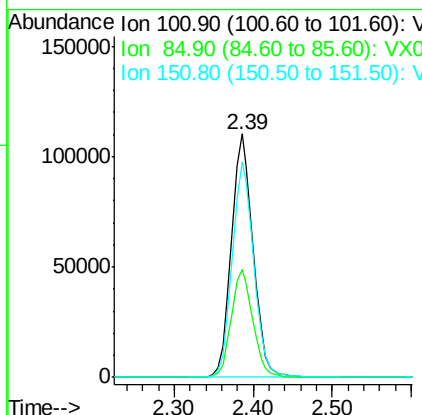
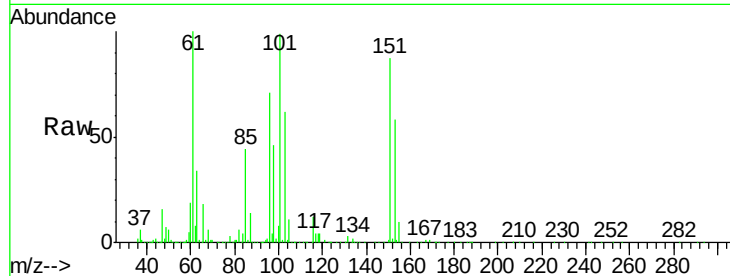
#9  
 1,1,2-Trichlorotrifluoroethane  
 Concen: 46.303 ug/l  
 RT: 2.39 min Scan# 202  
 Delta R.T. 0.00 min  
 Lab File: VX007170.D  
 Acq: 21 Jan 2019 20:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 210542 |       |       |
| 85      | 44.4  | 35.1   | 52.7  |       |
| 151     | 88.5  | 68.9   | 103.3 |       |

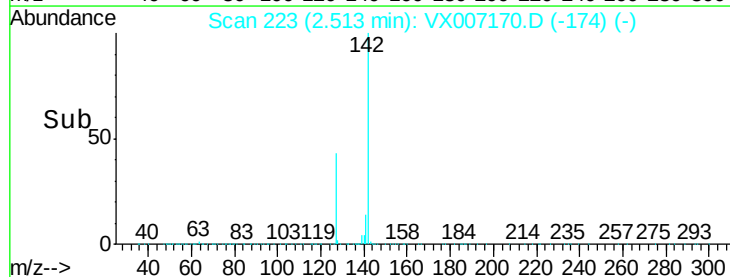
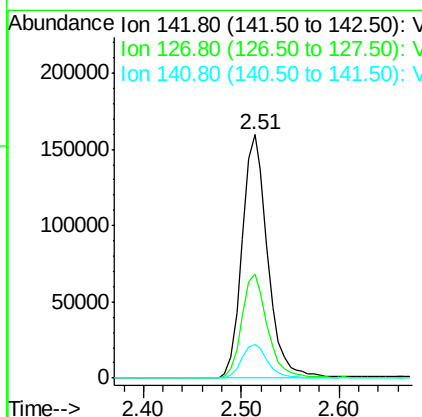
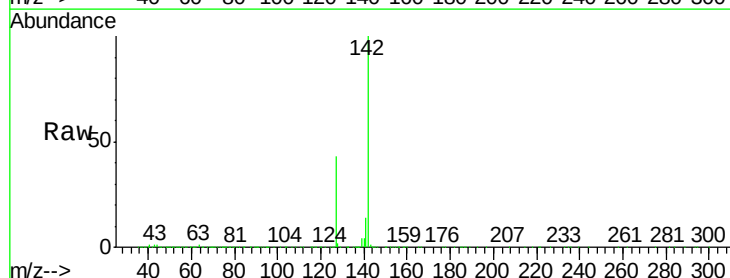
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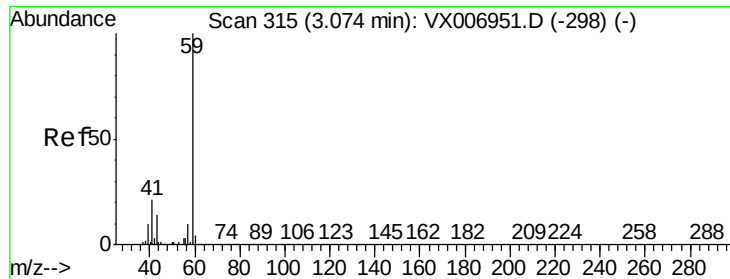
MMDadoda  
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#10  
 Methyl Iodide  
 Concen: 47.213 ug/l  
 RT: 2.51 min Scan# 223  
 Delta R.T. 0.00 min  
 Lab File: VX007170.D  
 Acq: 21 Jan 2019 20:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 142     | 100   | 289581 |       |       |
| 127     | 42.9  | 33.9   | 50.9  |       |
| 141     | 14.2  | 11.4   | 17.0  |       |





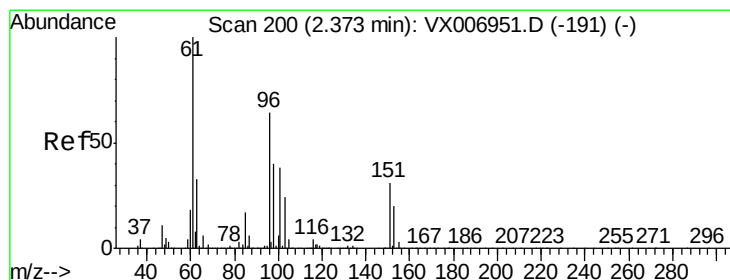
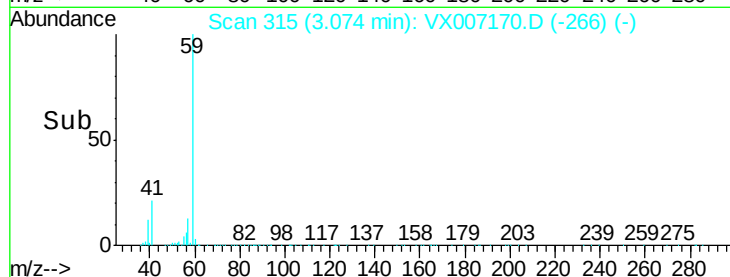
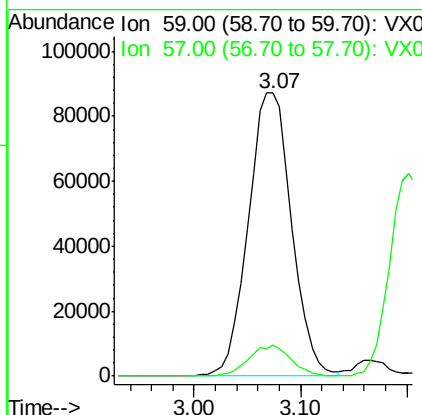
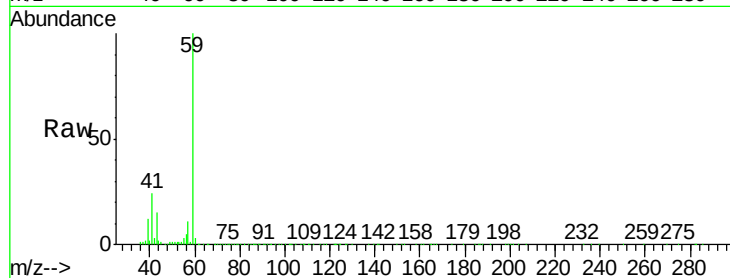
#11  
Tert butyl alcohol  
Concen: 219.133 ug/l  
RT: 3.07 min Scan# 315  
Delta R.T. 0.00 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.4  | 8.5   | 12.7  |

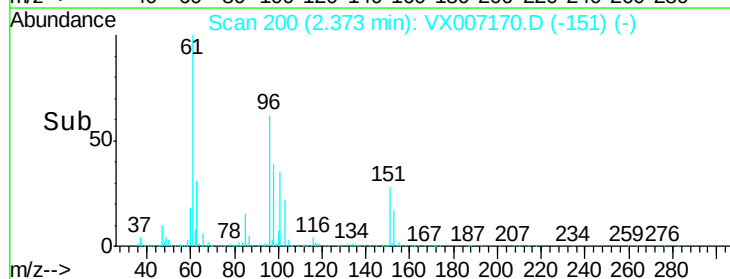
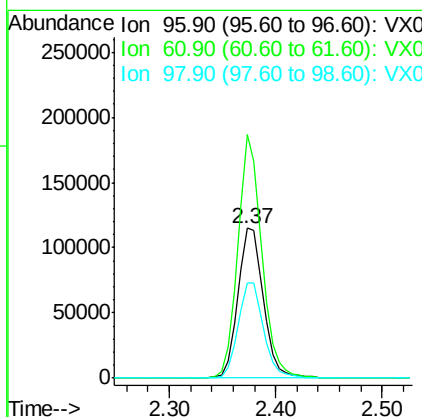
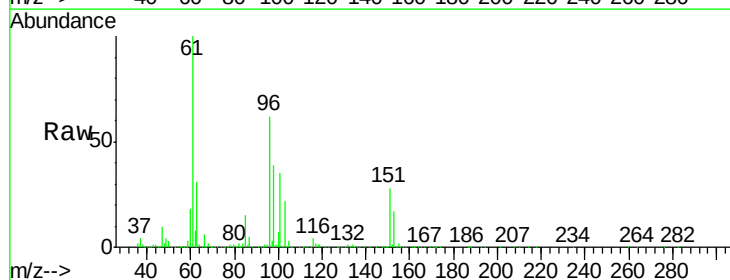
Manual Integrations  
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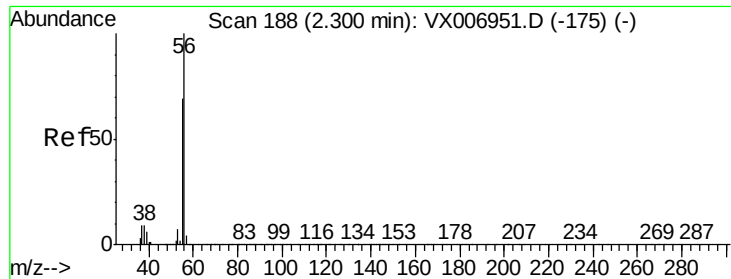
MMDadoda  
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#12  
1,1-Dichloroethene  
Concen: 46.124 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. 0.00 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 162.3 | 121.4 | 182.2 |
| 98      | 63.7  | 51.9  | 77.9  |





#13

Acrolein

Concen: 292.839 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 142579

Ion Ratio Lower Upper

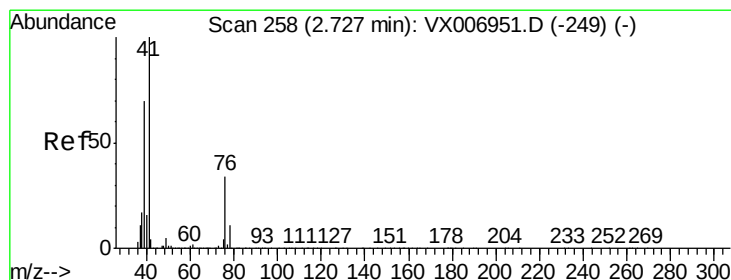
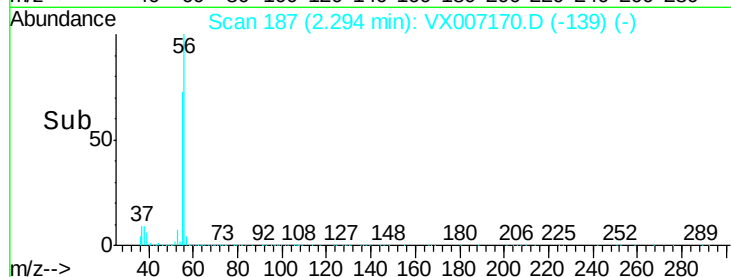
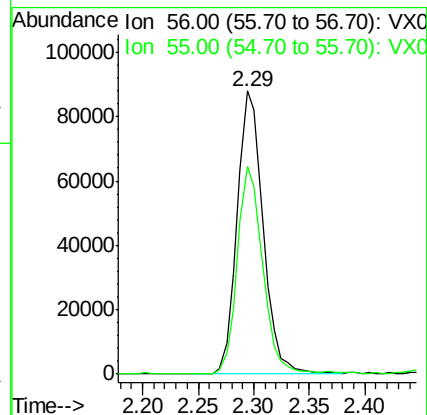
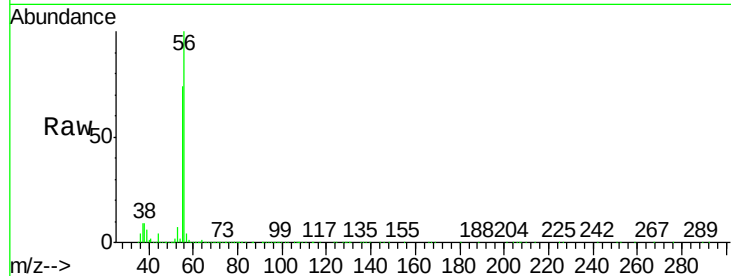
56 100

55 70.7 58.2 87.4

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#14

Allyl chloride

Concen: 46.274 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

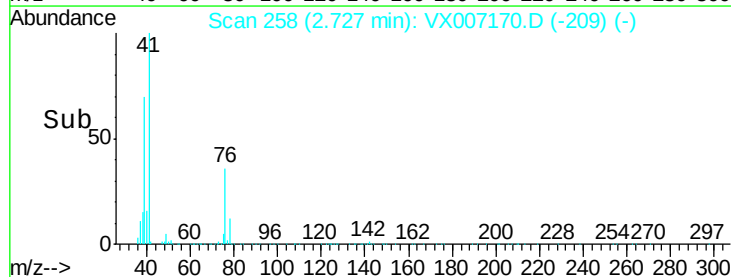
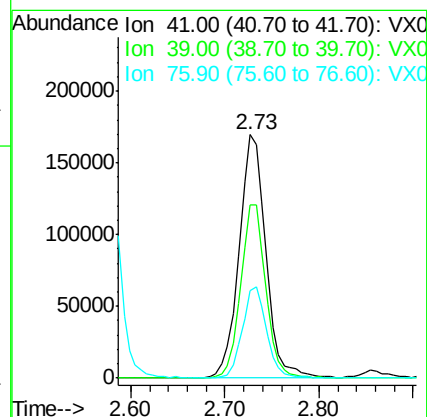
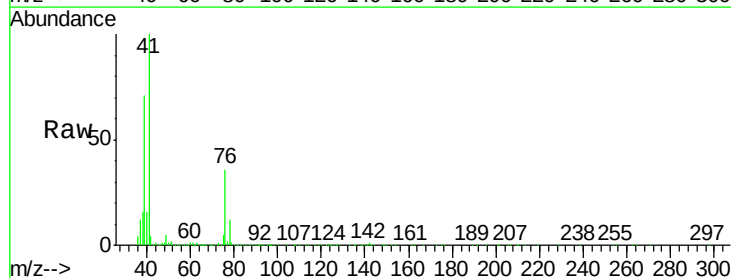
Tgt Ion: 41 Resp: 333160

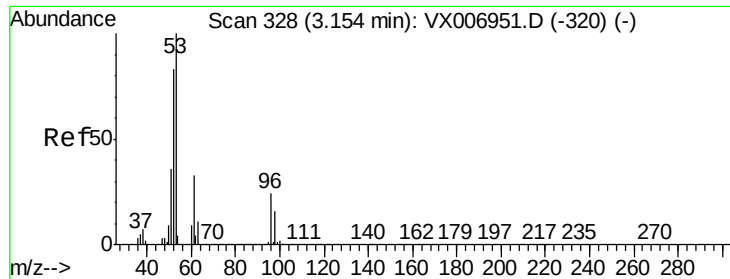
Ion Ratio Lower Upper

41 100

39 67.0 53.6 80.4

76 34.1 27.4 41.2





#15

Acrylonitrile

Concen: 237.083 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA\_X

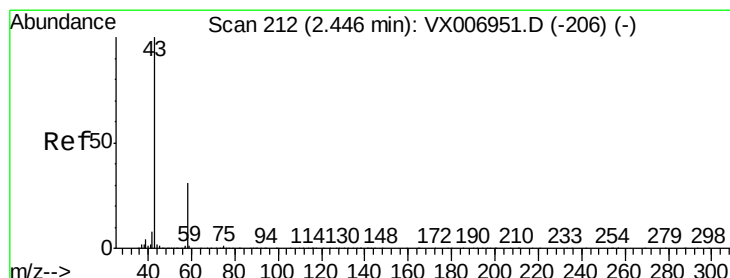
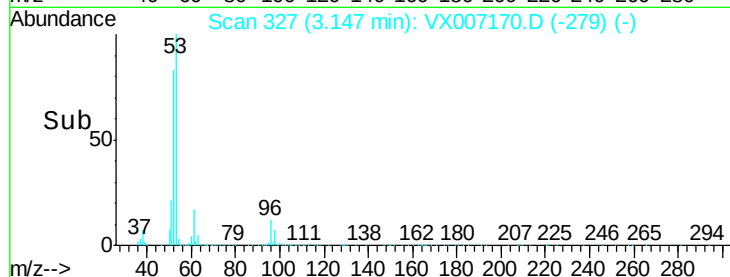
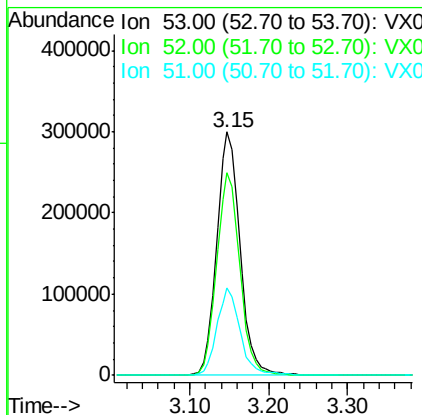
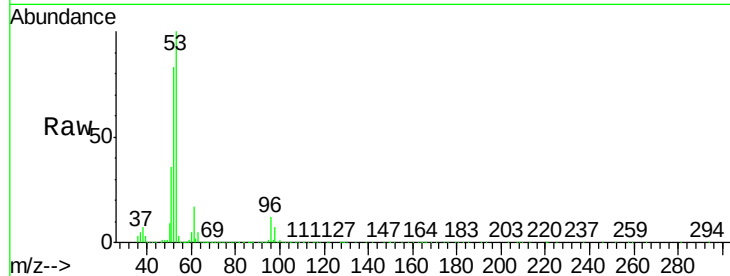
ClientSampleId :

VSTDCCC050EC

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 53   | Resp: | 613304 |
| Ion Ratio |      | Lower | Upper  |
| 53        | 100  |       |        |
| 52        | 82.7 | 66.0  | 99.0   |
| 51        | 35.4 | 28.6  | 42.8   |

Manual Integrations  
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#16

Acetone

Concen: 216.602 ug/l

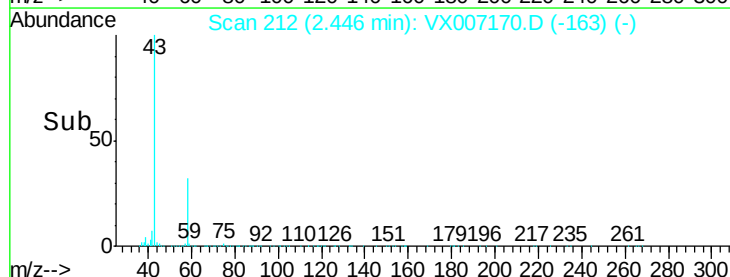
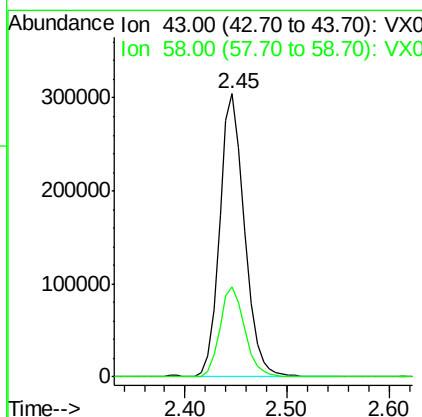
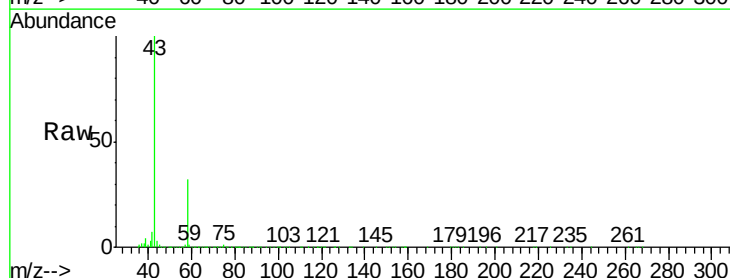
RT: 2.45 min Scan# 212

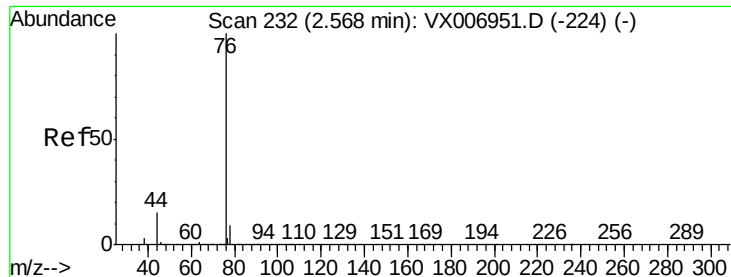
Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 511526 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 32.0 | 25.0  | 37.6   |





#17

Carbon Disulfide

Concen: 39.748 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 429909

Ion Ratio Lower Upper

76 100

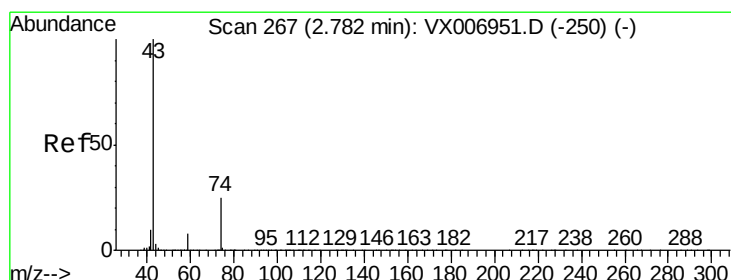
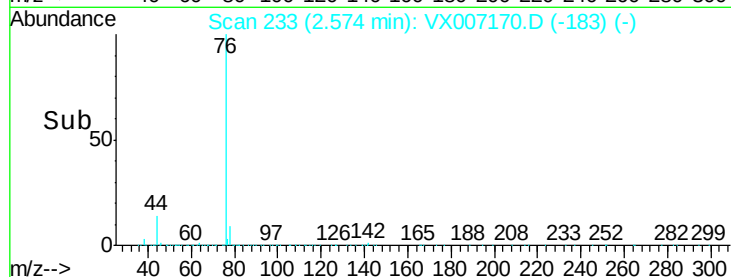
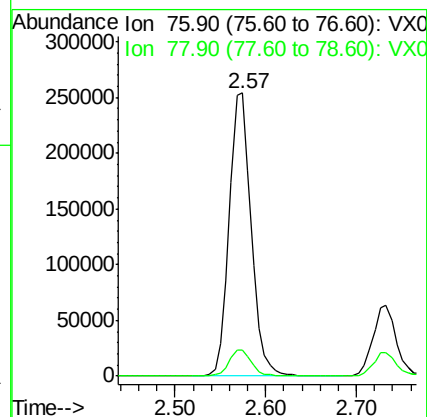
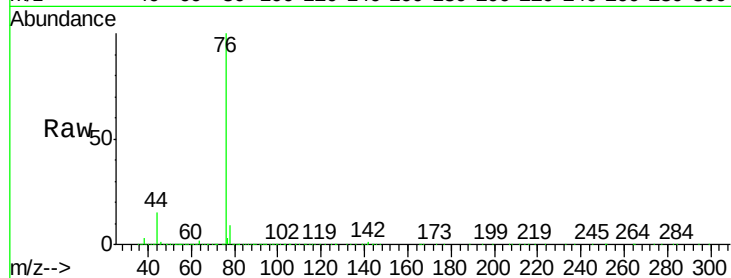
78 9.3 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 49.127 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007170.D

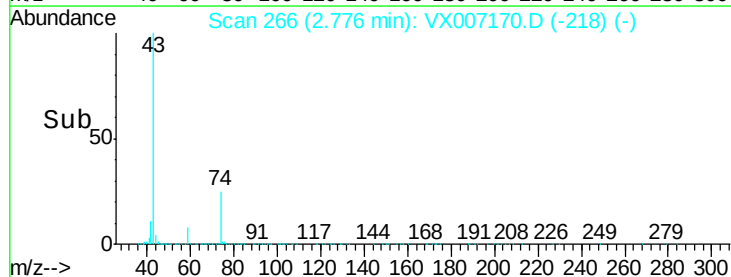
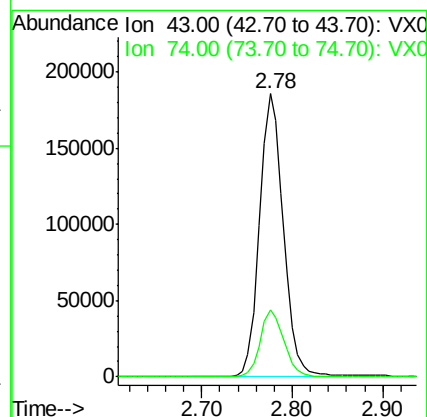
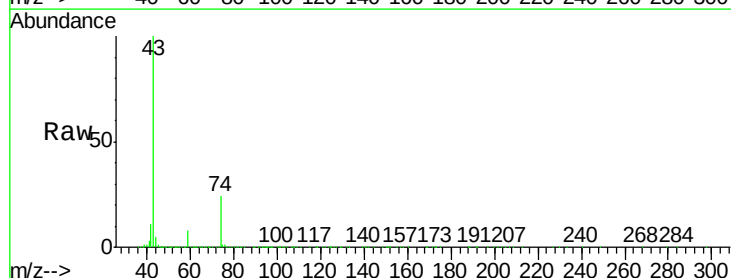
Acq: 21 Jan 2019 20:13

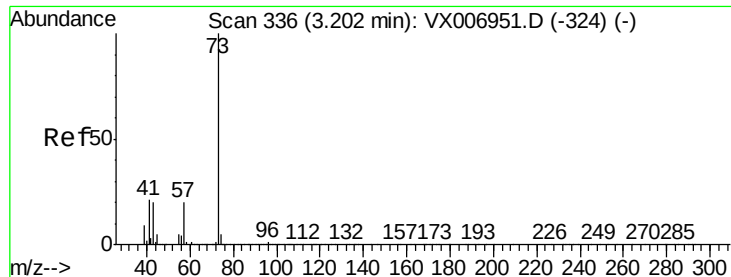
Tgt Ion: 43 Resp: 335979

Ion Ratio Lower Upper

43 100

74 24.1 18.6 28.0





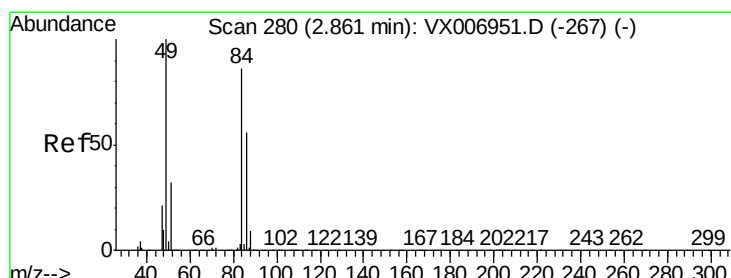
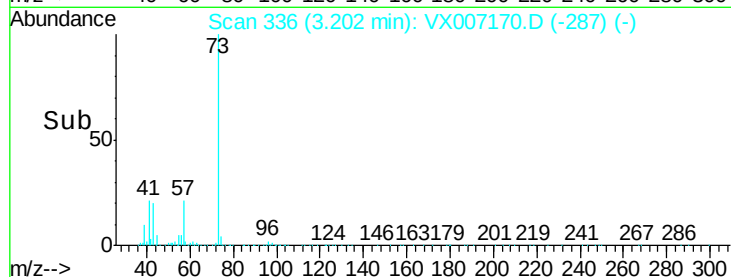
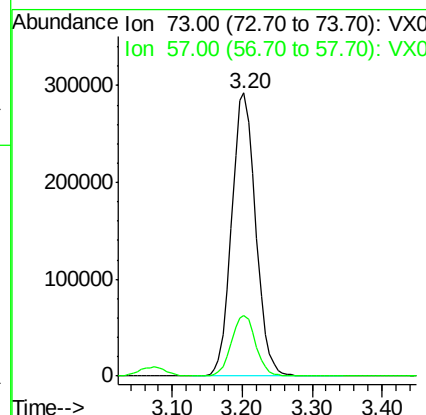
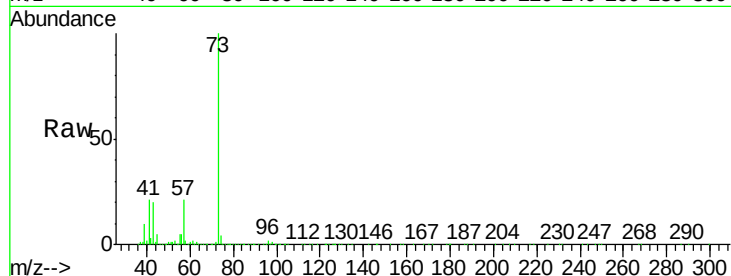
#19  
Methyl tert-butyl Ether  
Concen: 47.818 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. 0.00 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 21.3  | 16.8  | 25.2  |

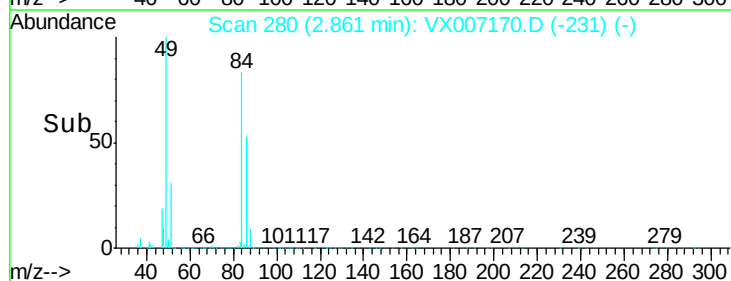
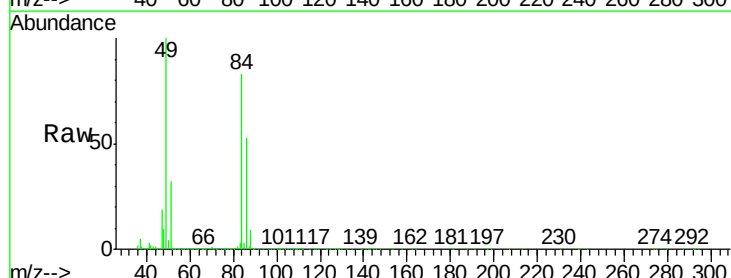
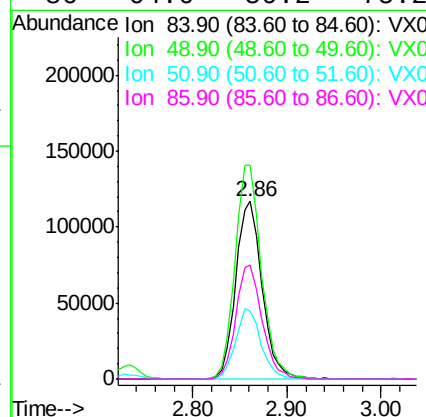
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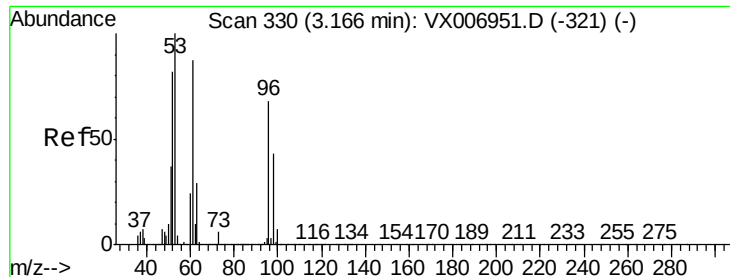
MMDadoda  
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#20  
Methylene Chloride  
Concen: 50.591 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.00 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 120.2 | 91.8  | 137.6 |
| 51      | 37.7  | 28.5  | 42.7  |
| 86      | 64.0  | 50.2  | 75.2  |





#21

trans-1,2-Dichloroethene

Concen: 44.442 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA\_X

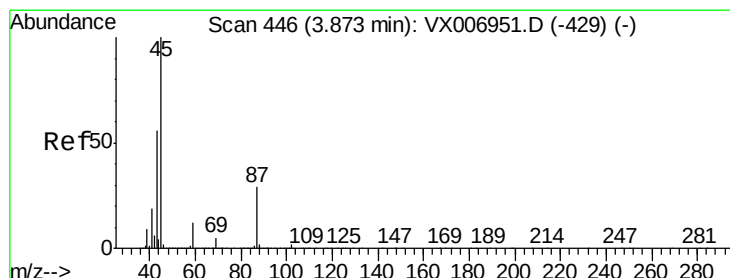
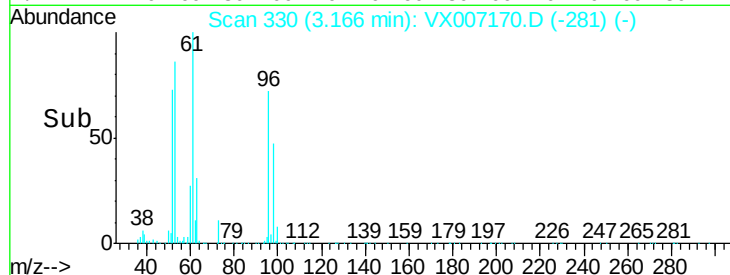
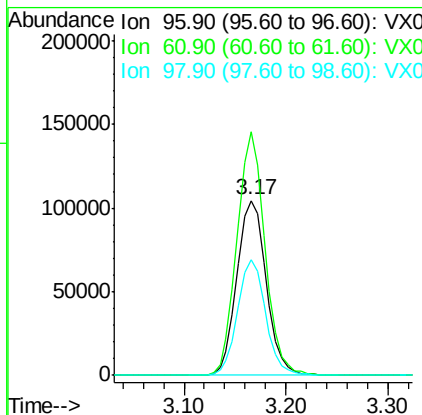
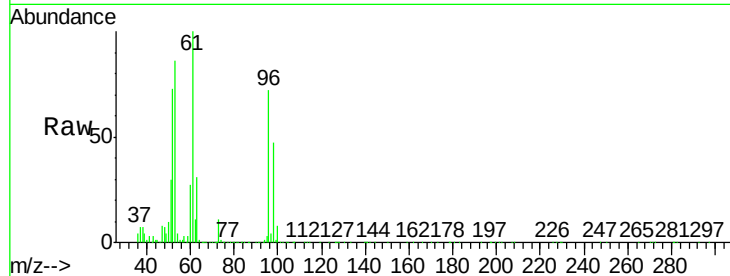
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 208062 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 139.4 | 103.7 | 155.5  |
| 98        | 66.0  | 51.0  | 76.6   |

Manual Integrations  
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#22

Diisopropyl ether

Concen: 49.165 ug/l

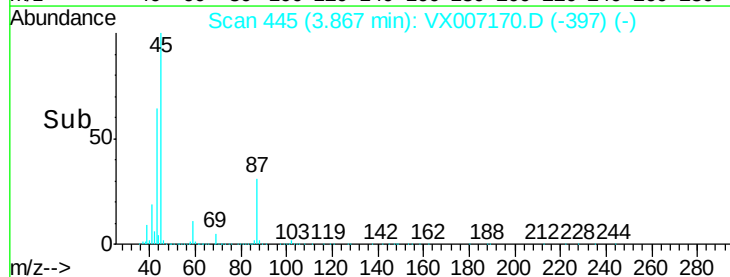
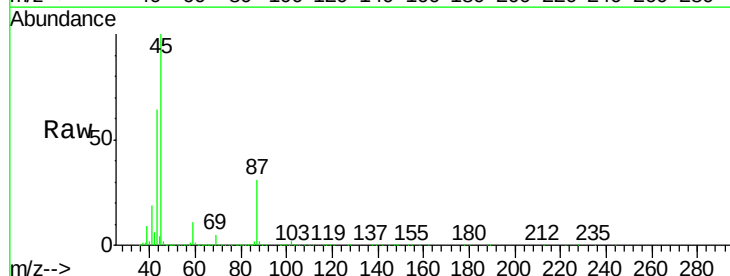
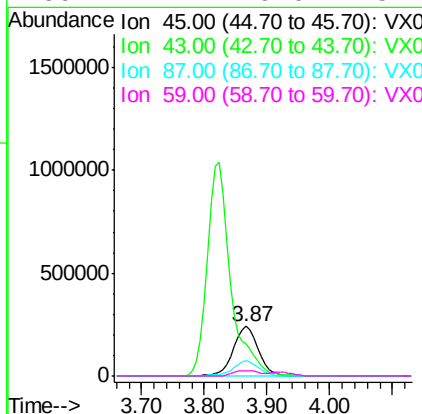
RT: 3.87 min Scan# 446

Delta R.T. -0.01 min

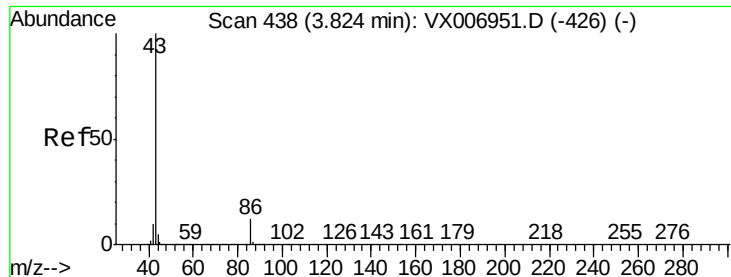
Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 665474 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 43        | 63.5  | 51.2  | 76.8   |
| 87        | 30.8  | 25.8  | 38.6   |
| 59        | 11.2  | 9.0   | 13.4   |







#23

Vinyl Acetate

Concen: 236.537 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2700014

Ion Ratio Lower Upper

43 100

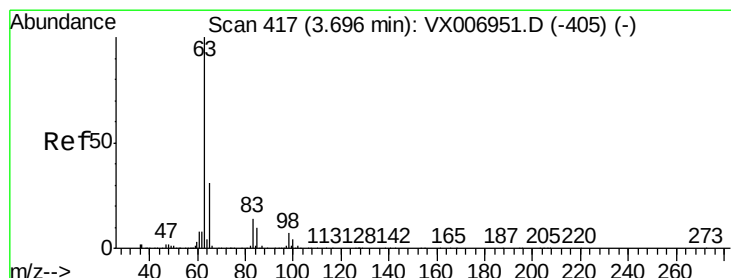
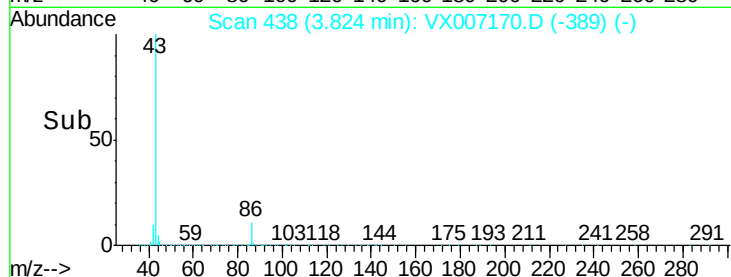
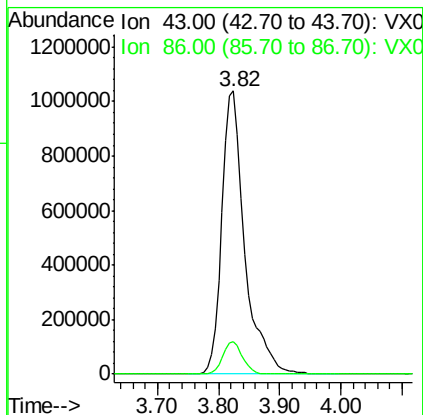
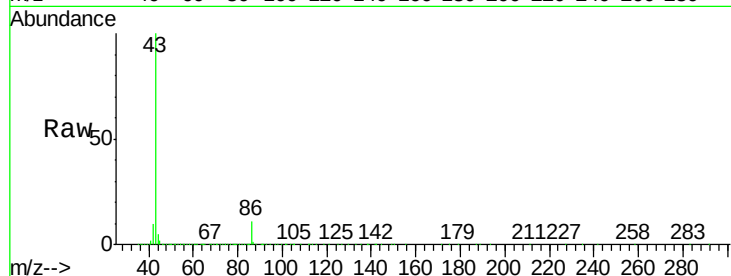
86 11.3 9.2 13.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 48.535 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

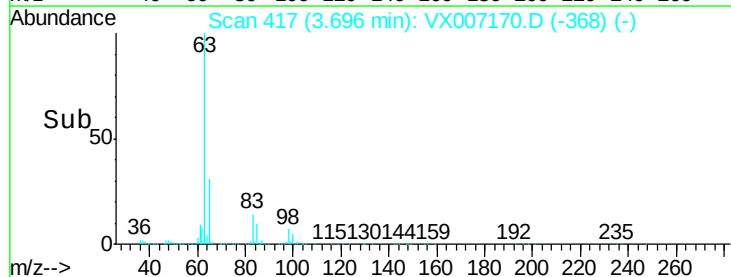
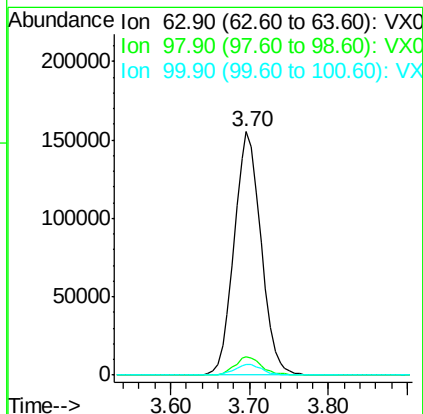
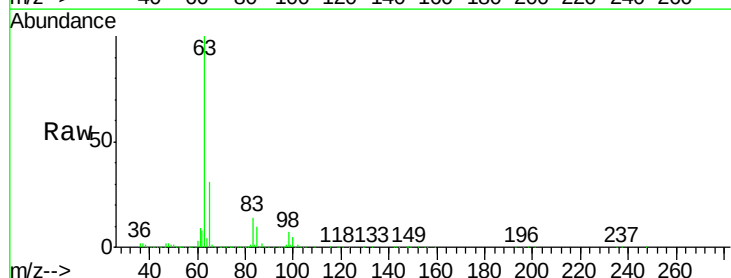
Tgt Ion: 63 Resp: 367337

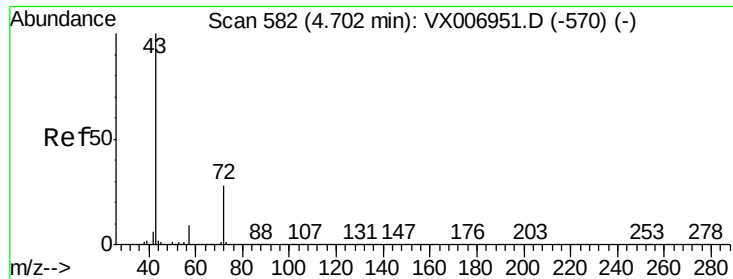
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 233.517 ug/l

RT: 4.69 min Scan# 580

Delta R.T. -0.01 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 789079

Ion Ratio Lower Upper

43 100

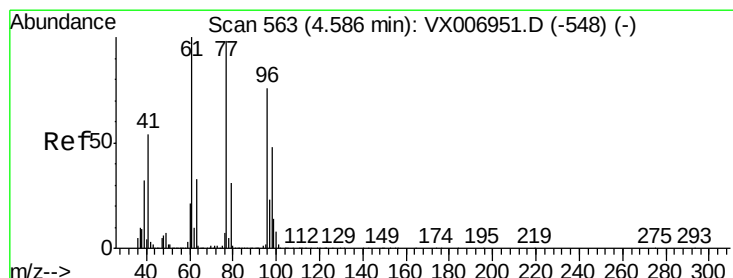
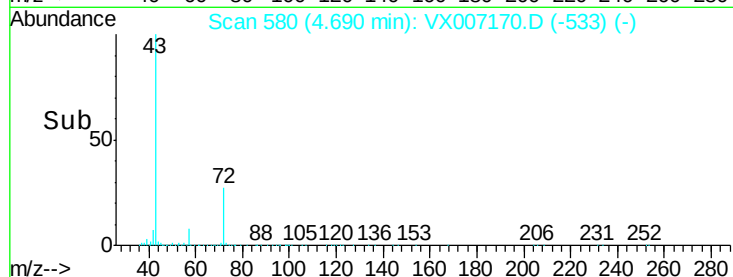
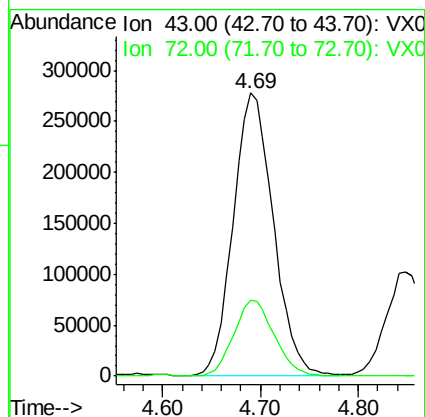
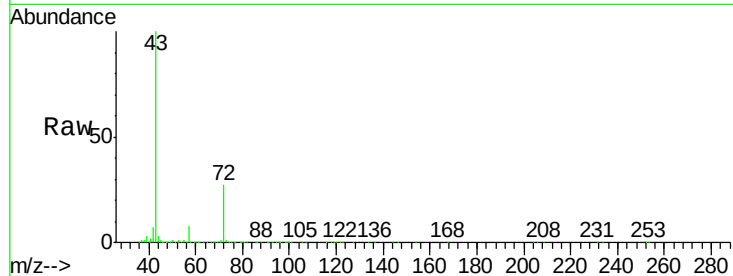
72 26.9 22.4 33.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 44.481 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX007170.D

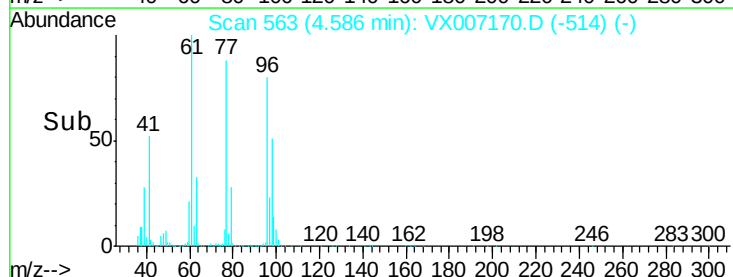
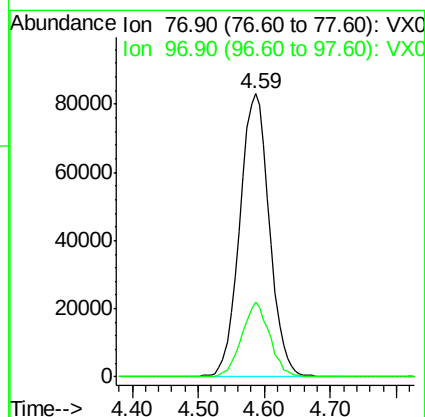
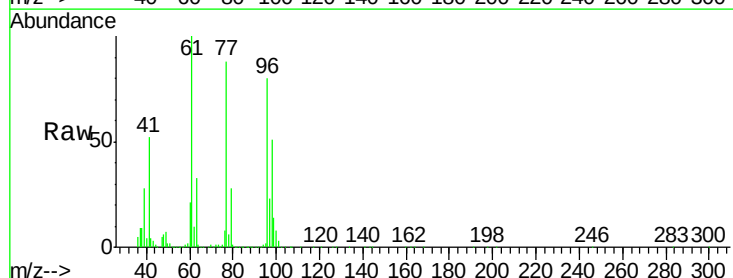
Acq: 21 Jan 2019 20:13

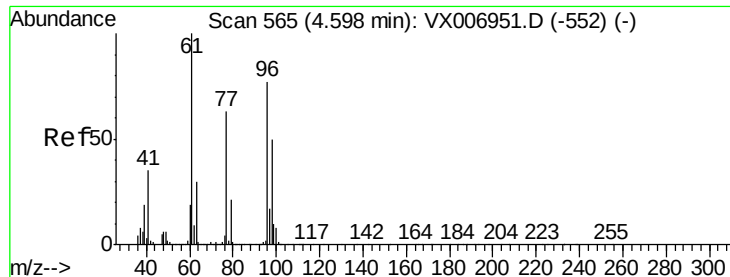
Tgt Ion: 77 Resp: 258879

Ion Ratio Lower Upper

77 100

97 25.0 12.4 37.4





#27

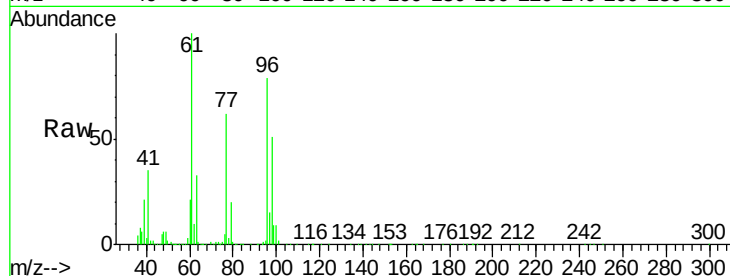
cis-1,2-Dichloroethene  
Concen: 46.735 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. 0.00 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 241334 |       |       |
| 61      | 131.8 | 0.0    | 258.6 |       |
| 98      | 65.6  | 0.0    | 132.0 |       |

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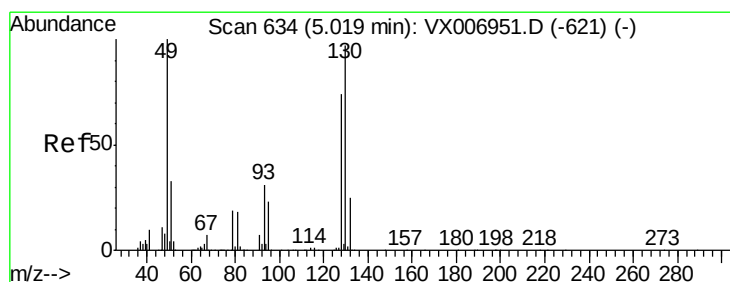
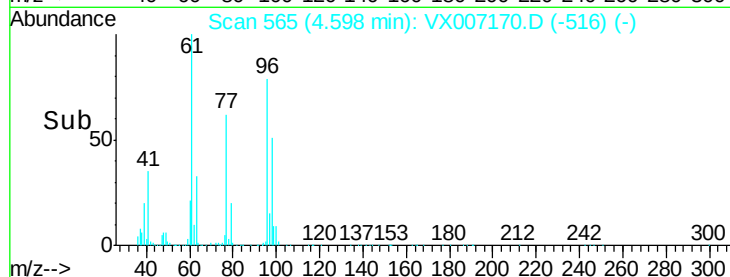
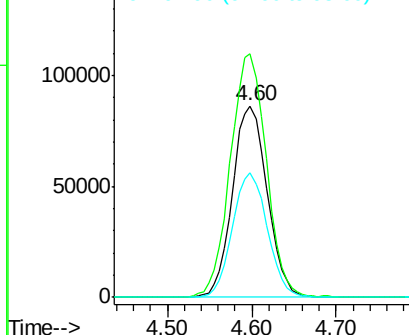


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

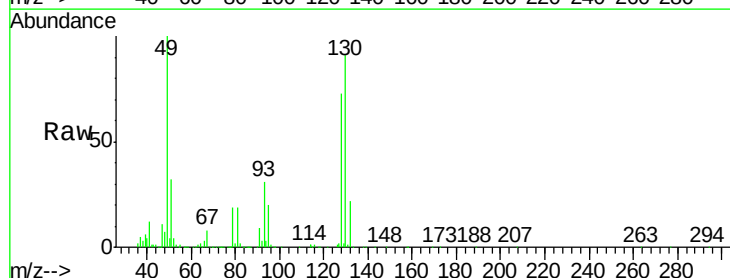
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane  
Concen: 46.014 ug/l  
RT: 5.01 min Scan# 633  
Delta R.T. -0.01 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 152584 |       |       |
| 129     | 1.3   | 0.0    | 5.4   |       |
| 130     | 92.7  | 77.7   | 116.5 |       |

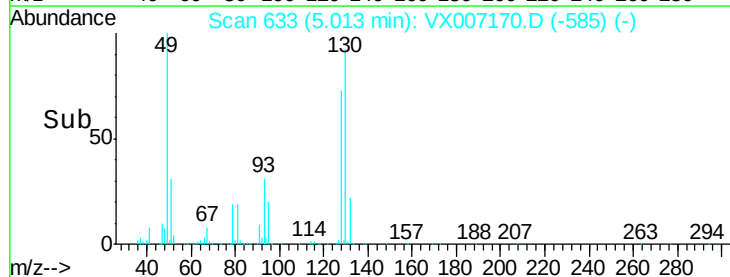
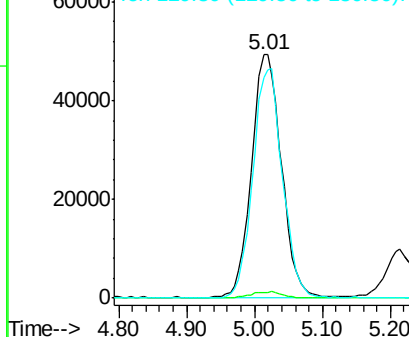


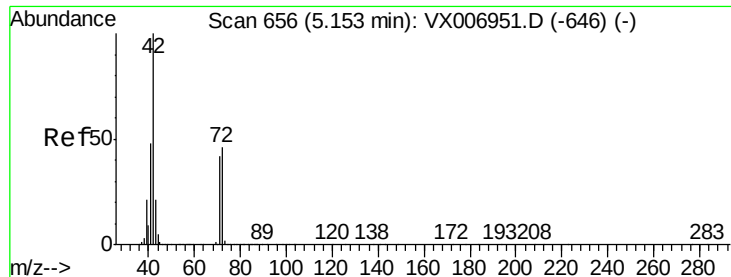
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





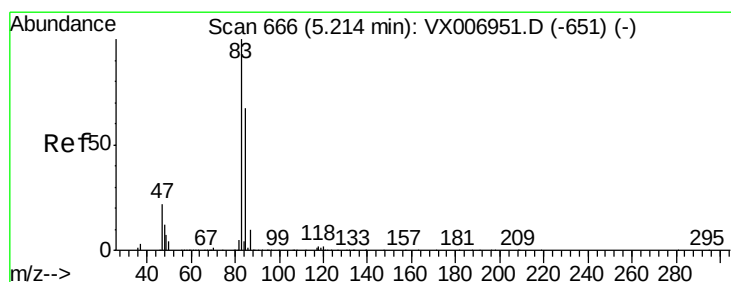
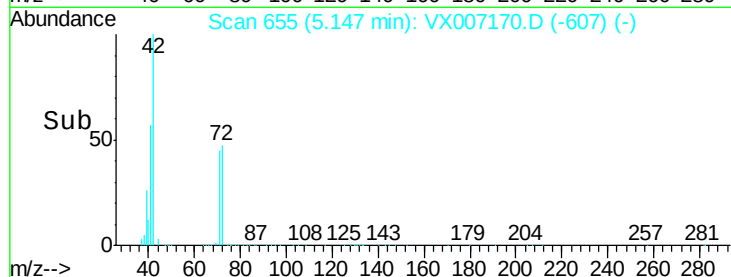
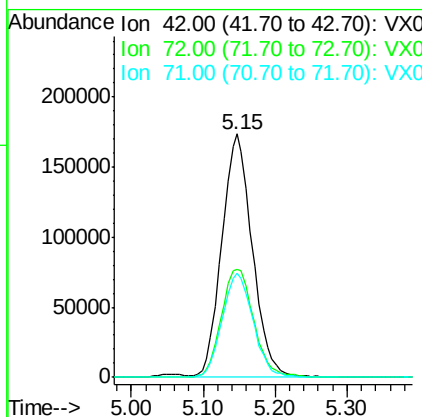
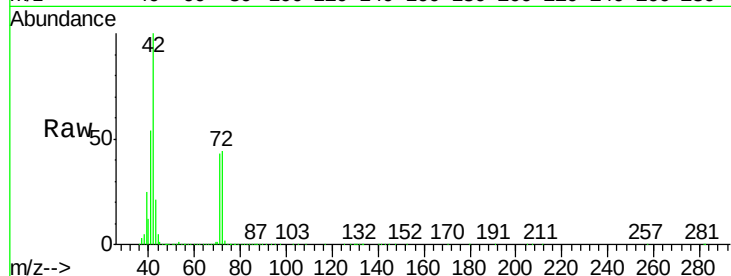
#29  
Tetrahydrofuran  
Concen: 231.288 ug/l  
RT: 5.15 min Scan# 655  
Delta R.T. -0.01 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 47.5  | 38.9  | 58.3  |
| 71      | 43.6  | 36.2  | 54.4  |

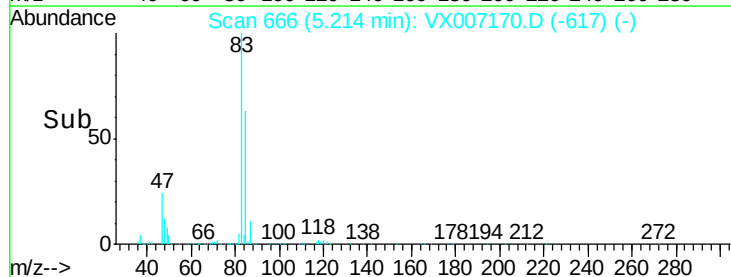
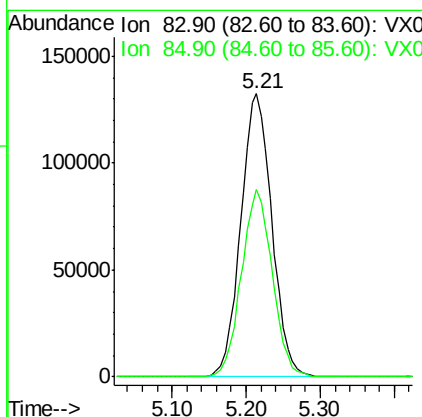
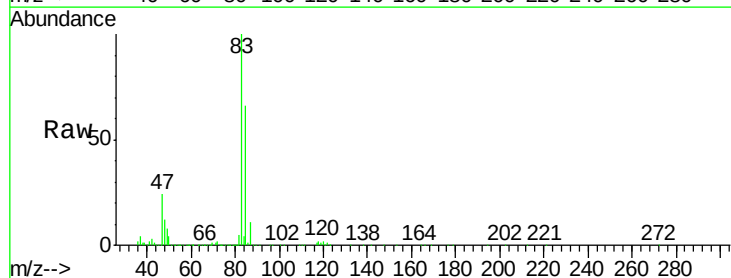
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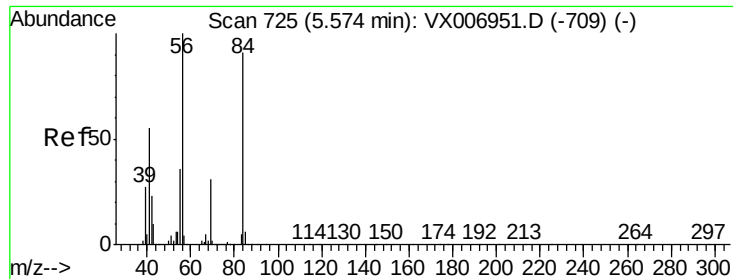
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#30  
Chloroform  
Concen: 48.932 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. 0.00 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 66.0  | 51.2  | 76.8  |





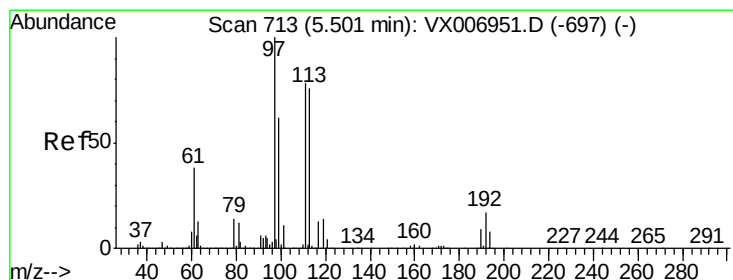
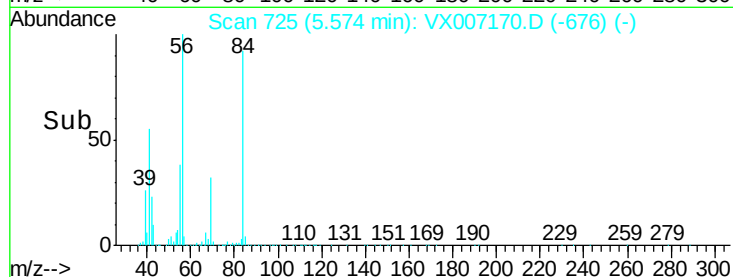
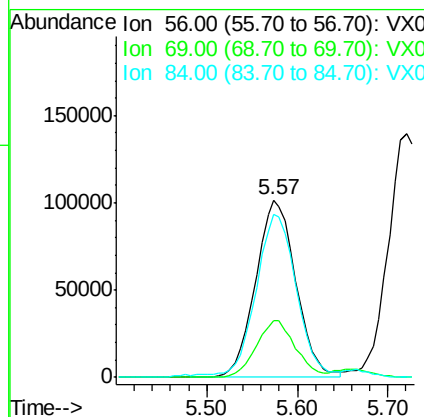
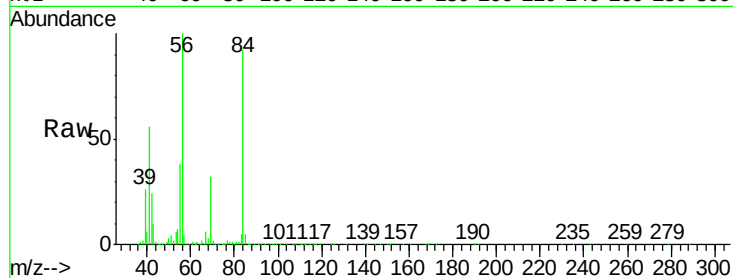
#31  
Cyclohexane  
Concen: 46.012 ug/l  
RT: 5.57 min Scan# 725  
Delta R.T. 0.00 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 32.0  | 24.4  | 36.6  |
| 84      | 90.6  | 70.0  | 105.0 |

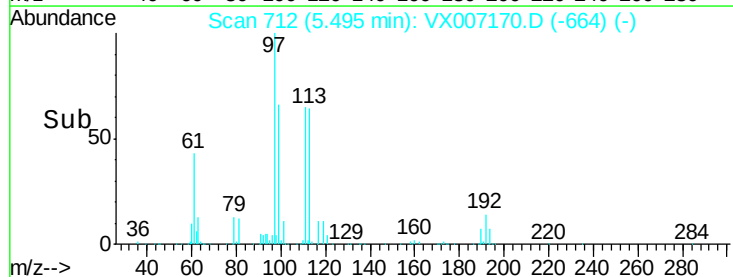
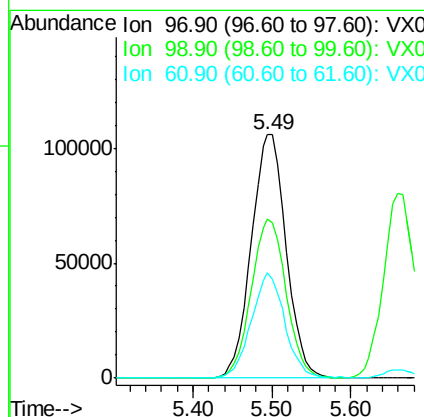
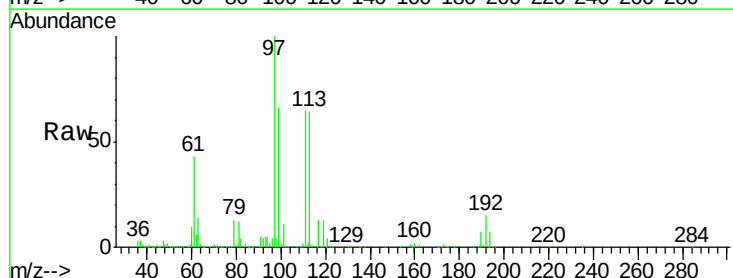
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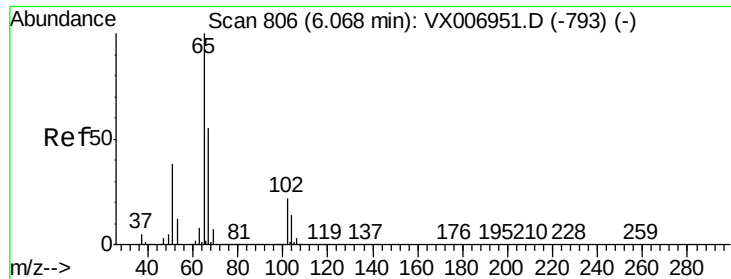
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#32  
1,1,1-Trichloroethane  
Concen: 48.393 ug/l  
RT: 5.49 min Scan# 712  
Delta R.T. -0.01 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.4  | 51.7  | 77.5  |
| 61      | 41.4  | 31.3  | 46.9  |





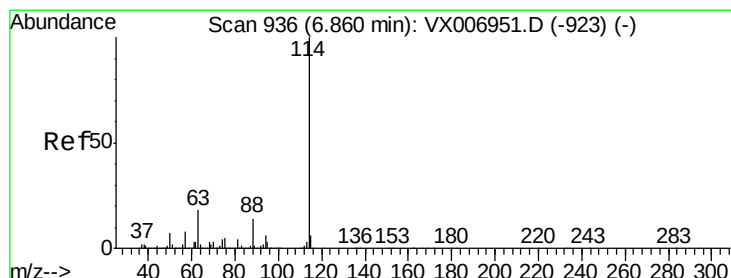
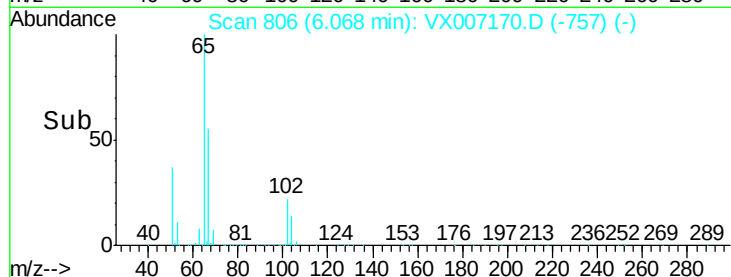
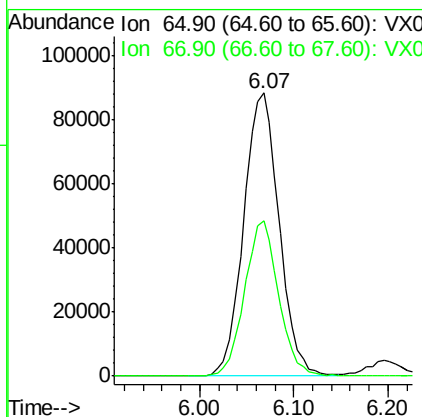
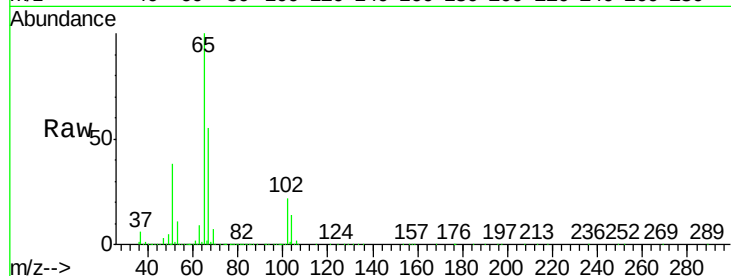
#33  
 1,2-Dichloroethane-d4  
 Concen: 48.726 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. 0.00 min  
 Lab File: VX007170.D  
 Acq: 21 Jan 2019 20:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

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

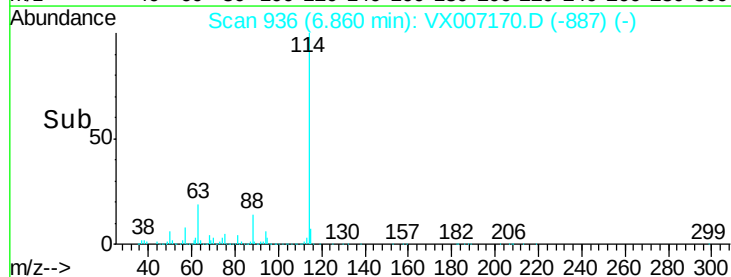
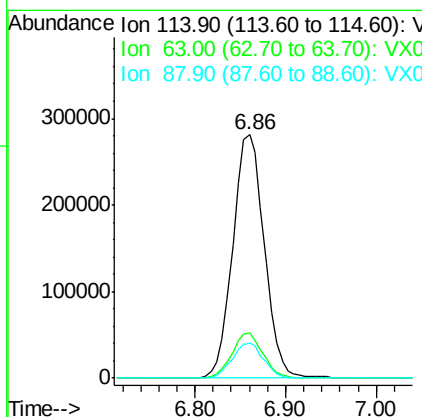
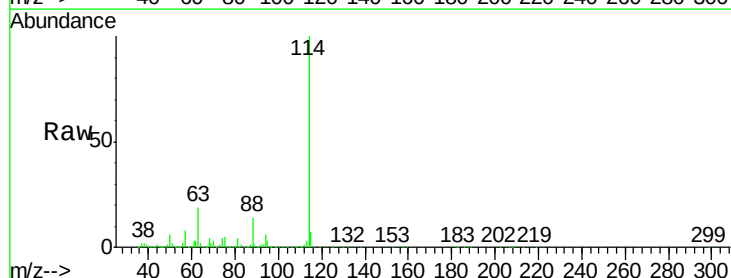
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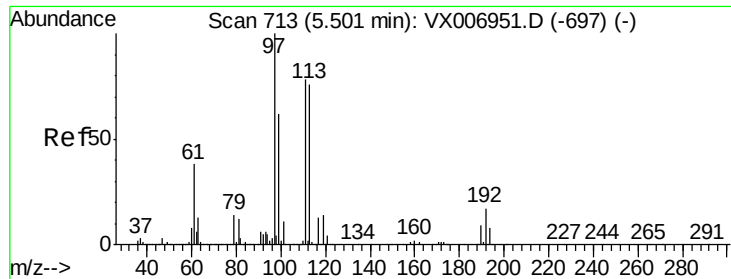
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX007170.D  
 Acq: 21 Jan 2019 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 18.6  | 0.0   | 34.8  |
| 88      | 14.4  | 0.0   | 28.8  |





#35

Dibromofluoromethane

Concen: 48.022 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX007170.D

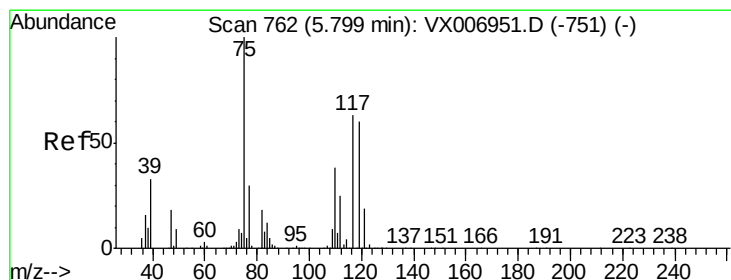
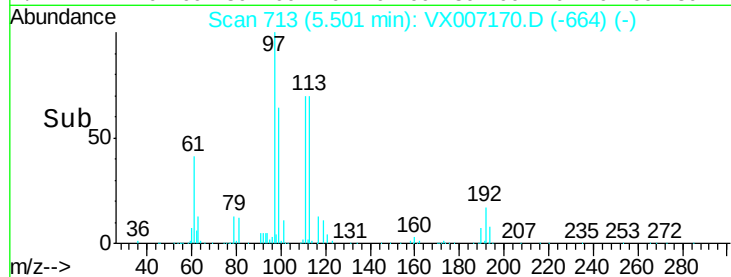
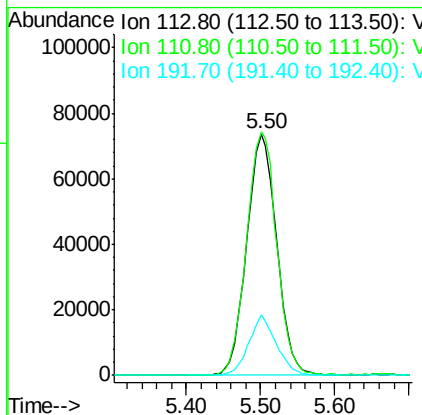
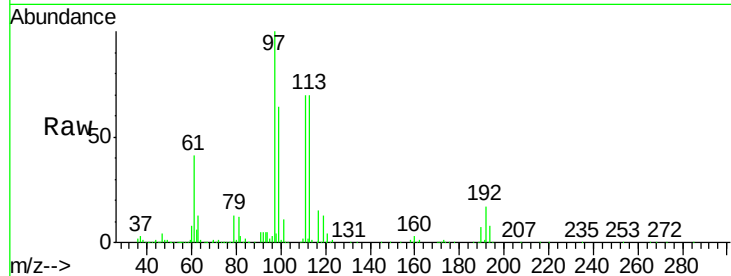
Acq: 21 Jan 2019 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 208044 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 102.0 | 81.6  | 122.4  |
| 192       | 23.0  | 16.7  | 25.1   |

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#36

1,1-Dichloropropene

Concen: 47.039 ug/l

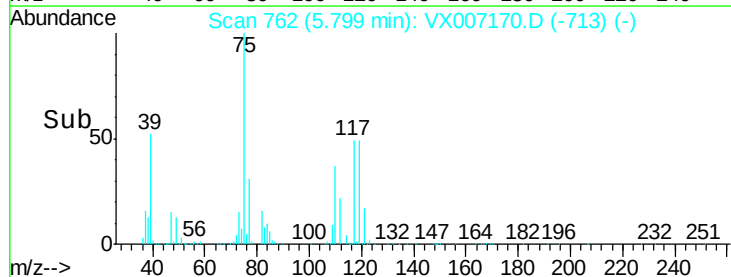
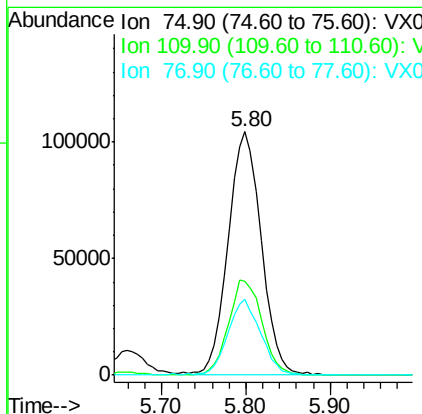
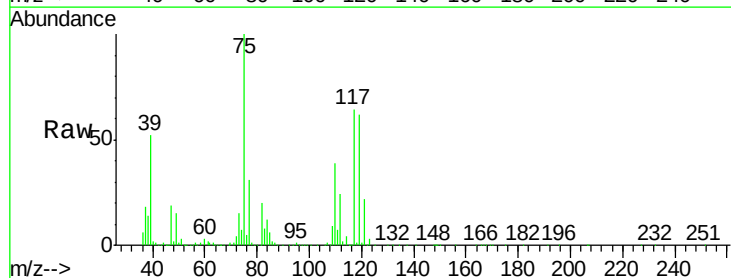
RT: 5.80 min Scan# 762

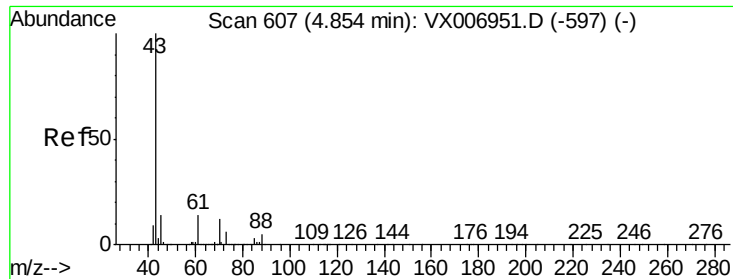
Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 276666 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 39.5  | 20.2  | 60.5   |
| 77        | 30.4  | 24.8  | 37.2   |





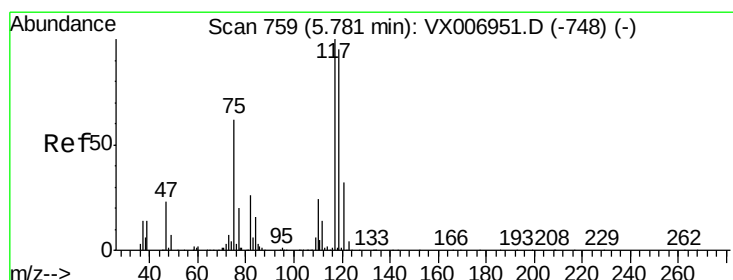
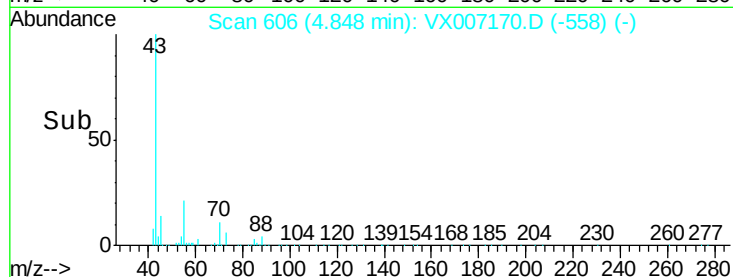
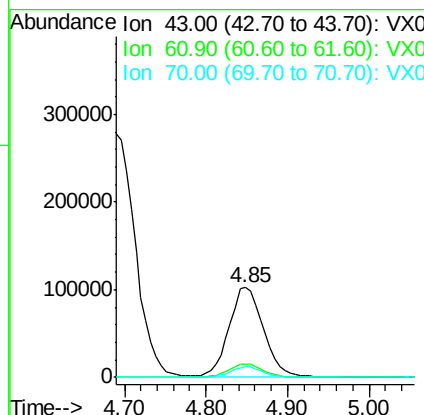
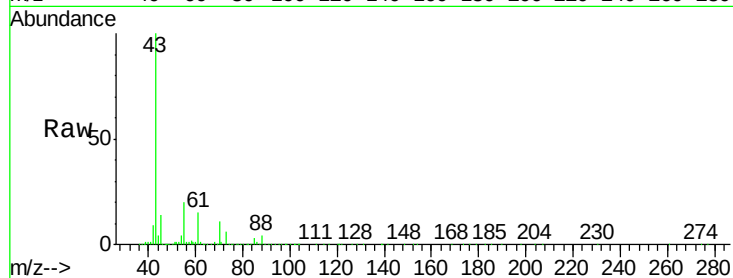
#37  
Ethyl Acetate  
Concen: 47.434 ug/l  
RT: 4.85 min Scan# 606  
Delta R.T. -0.01 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

Instrument :  
MSVOA\_X  
ClientSampleID :  
VSTDCCC050EC

| Tot Ion | 43    | Resp  | 299099 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 43      | 100   |       |        |
| 61      | 14.5  | 11.9  | 17.9   |
| 70      | 11.2  | 9.7   | 14.5   |

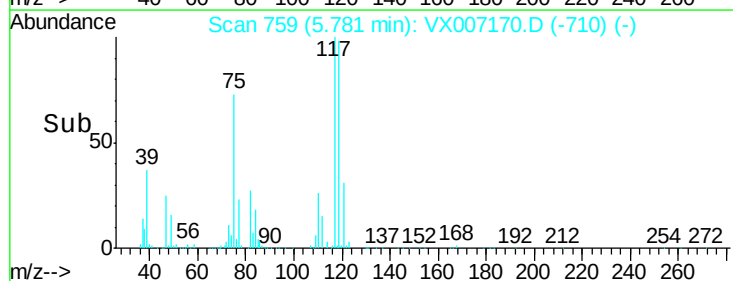
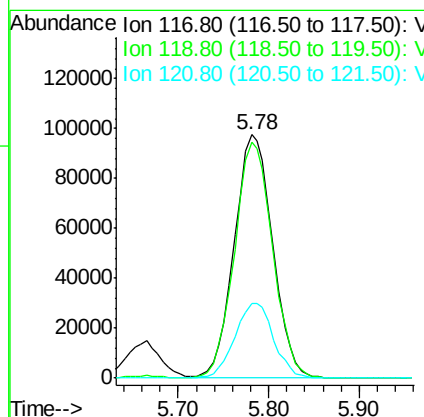
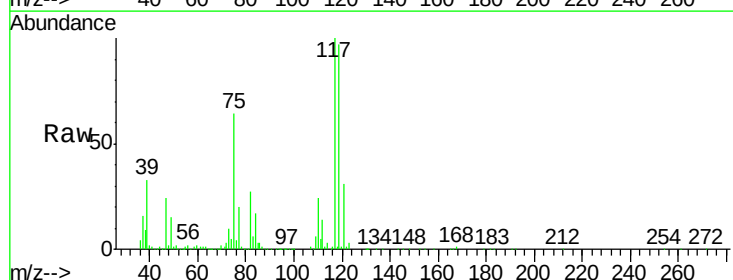
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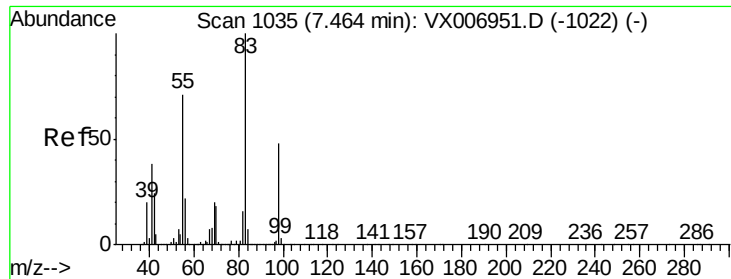


#38  
Carbon Tetrachloride  
Concen: 48.331 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. 0.00 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

| Tgt Ion | 117   | Resp  | 286002 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 117     | 100   |       |        |
| 119     | 96.8  | 79.4  | 119.2  |
| 121     | 30.4  | 24.0  | 36.0   |







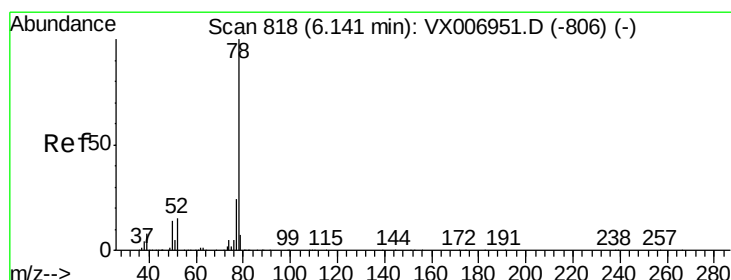
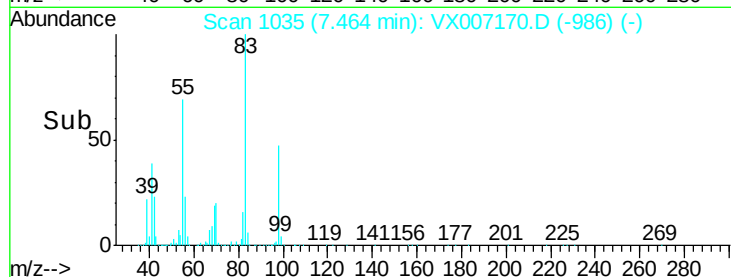
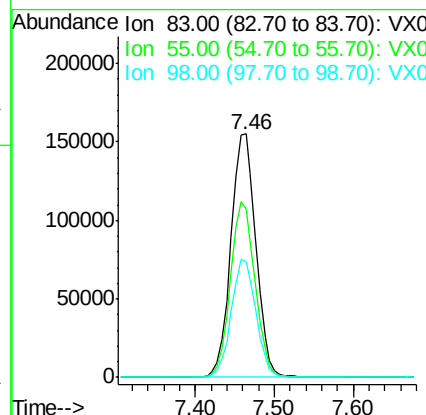
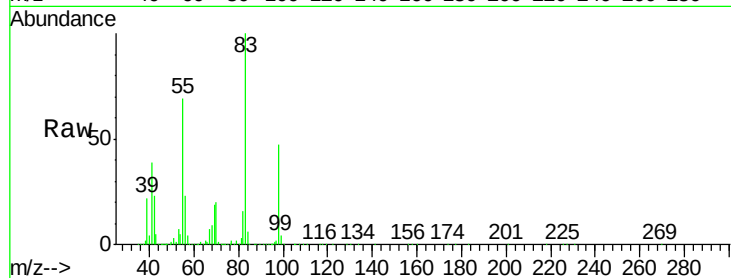
#39  
Methylvlcyclohexane  
Concen: 45.554 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 69.0  | 54.9  | 82.3  |
| 98      | 47.4  | 37.9  | 56.9  |

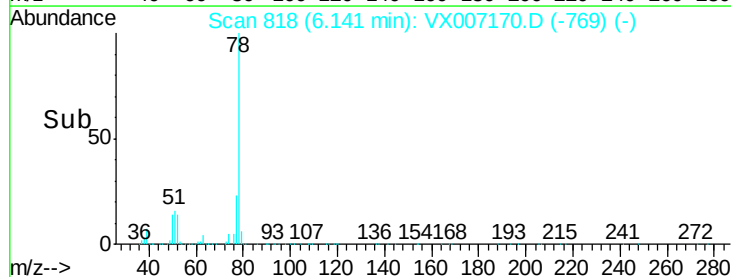
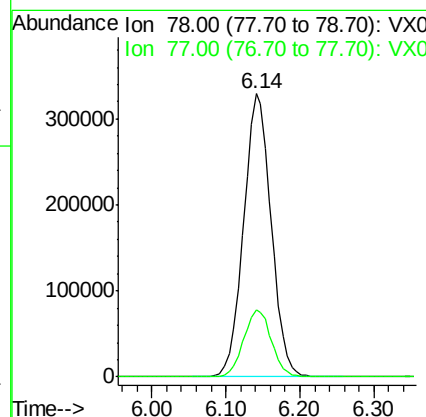
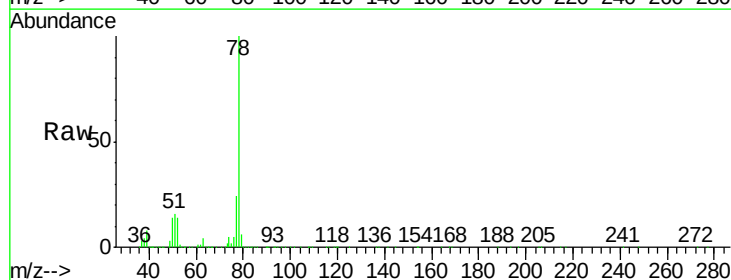
Manual Integrations  
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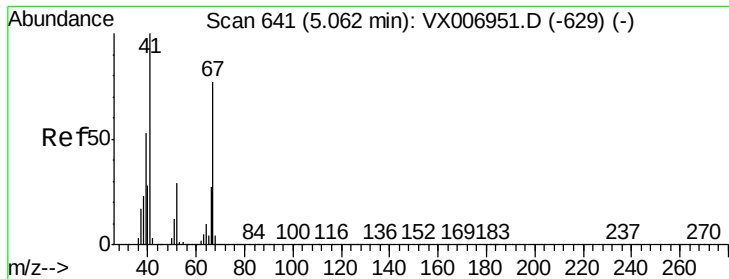
MMDadoda  
1/22/2019 10:56:21 AM



#40  
Benzene  
Concen: 47.634 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. 0.00 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.7  | 19.2  | 28.8  |





#41

Methacrylonitrile

Concen: 46.870 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA\_X

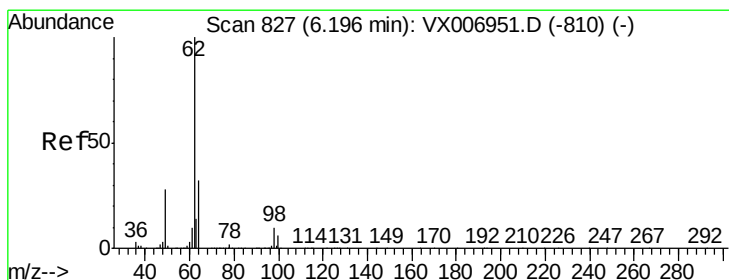
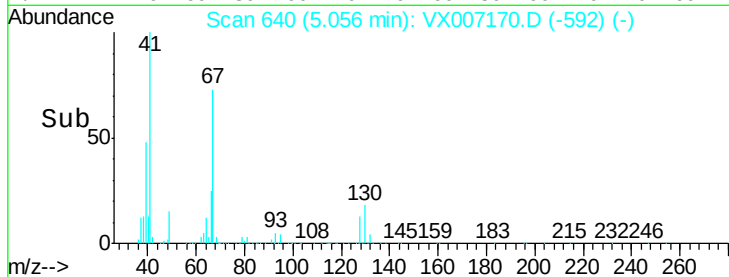
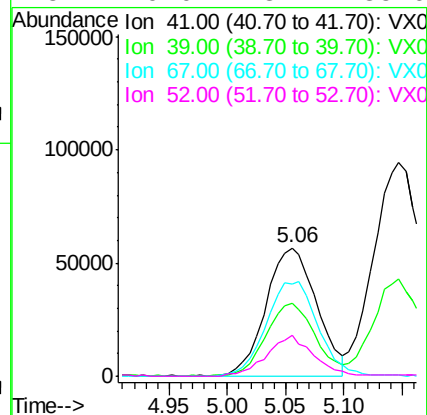
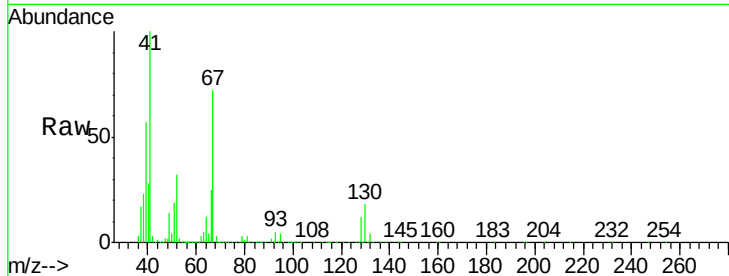
ClientSampleId :

VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 55.1  | 42.8  | 64.2  |
| 67      | 75.6  | 62.1  | 93.1  |
| 52      | 29.0  | 23.4  | 35.0  |

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#42

1,2-Dichloroethane

Concen: 47.290 ug/l

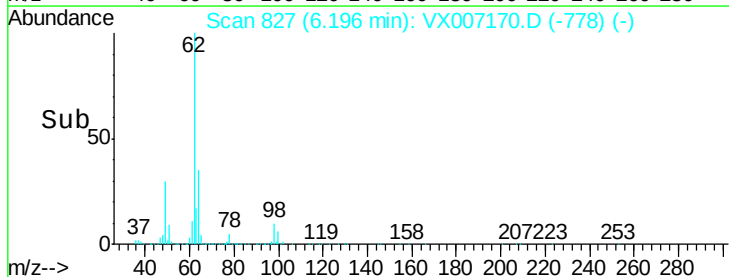
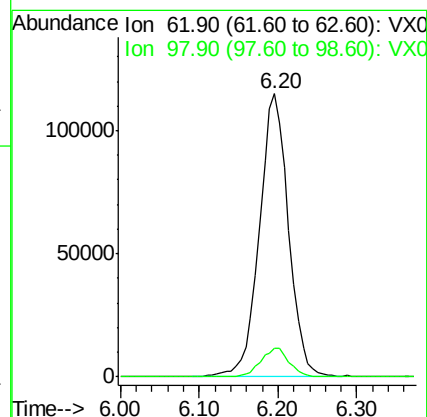
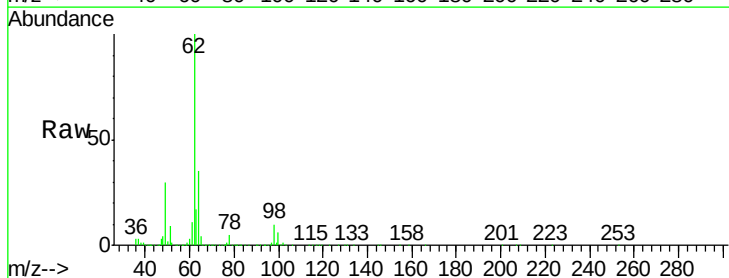
RT: 6.20 min Scan# 827

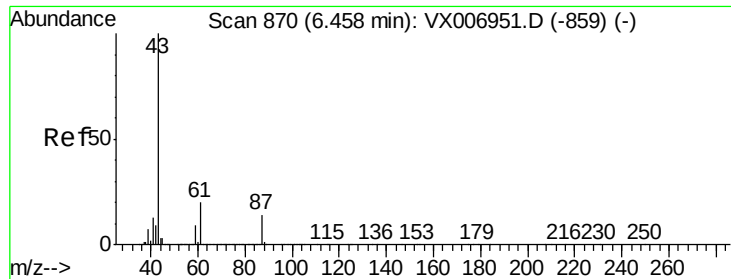
Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 10.1  | 0.0   | 20.2  |





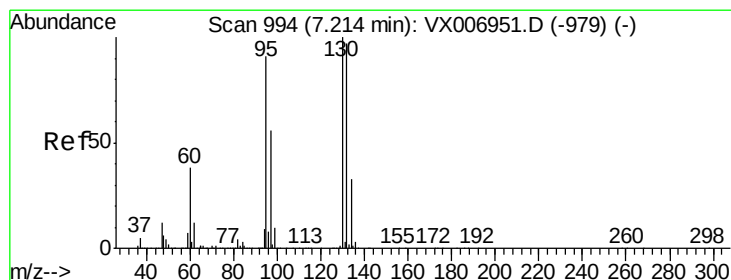
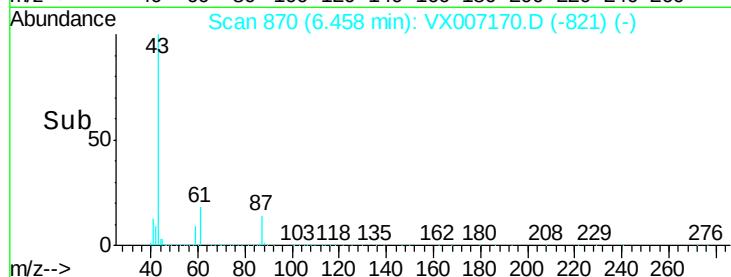
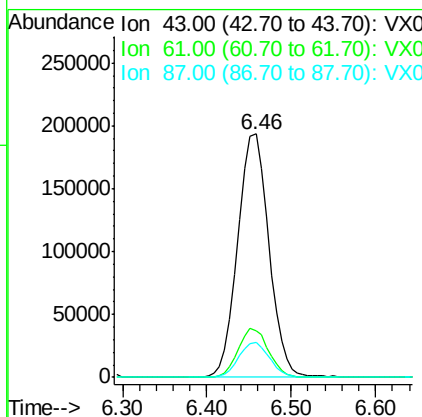
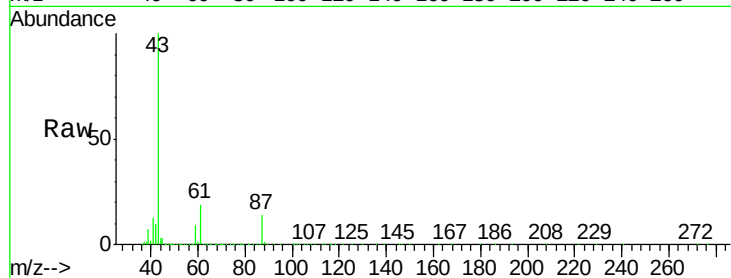
#43  
Isopropyl Acetate  
Concen: 48.569 ug/l  
RT: 6.46 min Scan# 870  
Delta R.T. 0.00 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 19.8  | 16.8  | 25.2  |
| 87      | 14.2  | 12.4  | 18.6  |

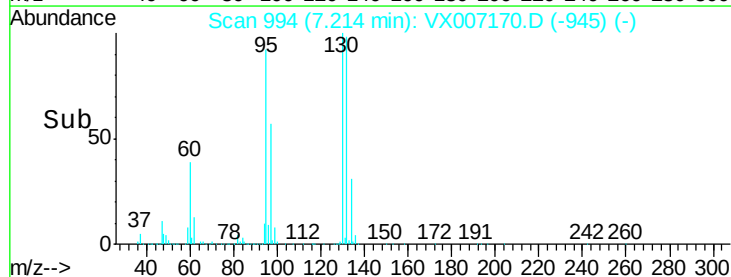
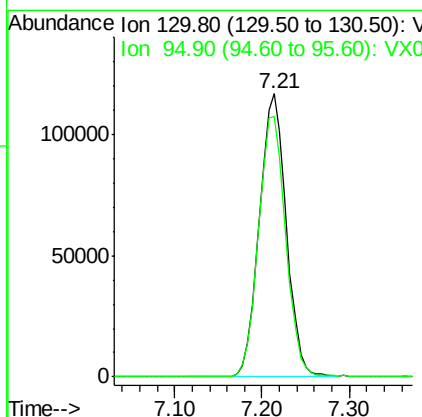
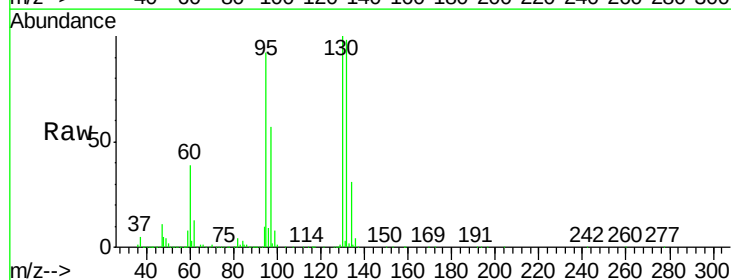
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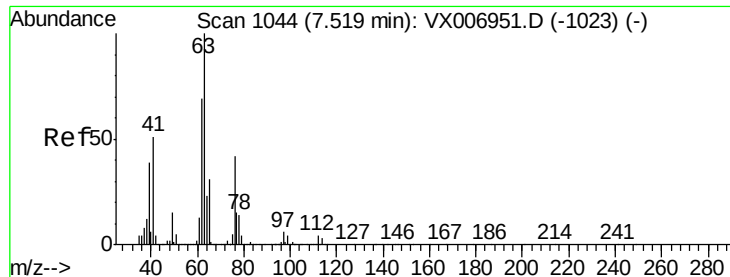
MMDadoda  
1/22/2019 10:56:21 AM



#44  
Trichloroethene  
Concen: 46.432 ug/l  
RT: 7.21 min Scan# 994  
Delta R.T. 0.00 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 92.1  | 0.0   | 187.0 |





#45

1,2-Dichloropropane

Concen: 49.069 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 221392

Ion Ratio Lower Upper

63 100

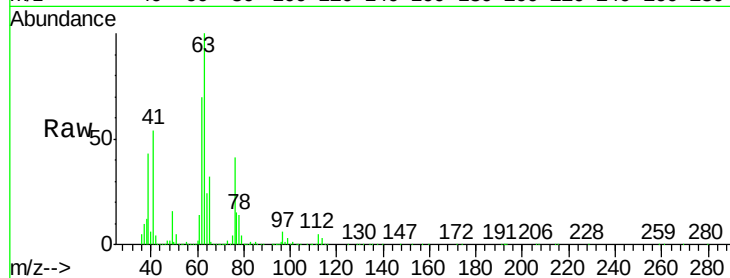
65 32.1 25.4 38.0

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

120000

100000

80000

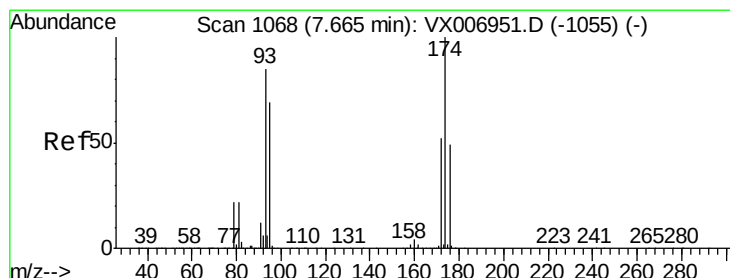
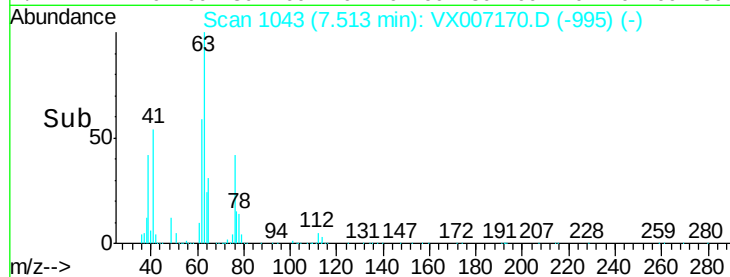
60000

40000

20000

0

Time-->



#46

Dibromomethane

Concen: 48.241 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

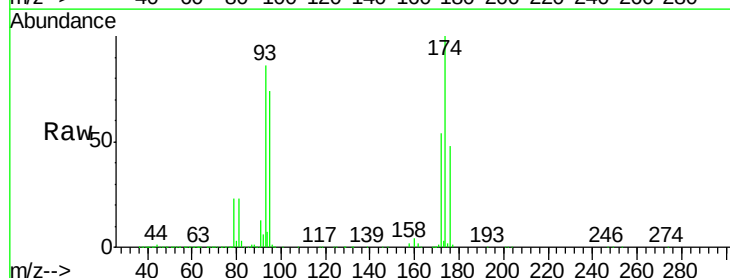
Tgt Ion: 93 Resp: 152968

Ion Ratio Lower Upper

93 100

95 84.9 66.2 99.4

174 119.3 91.0 136.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

120000

100000

80000

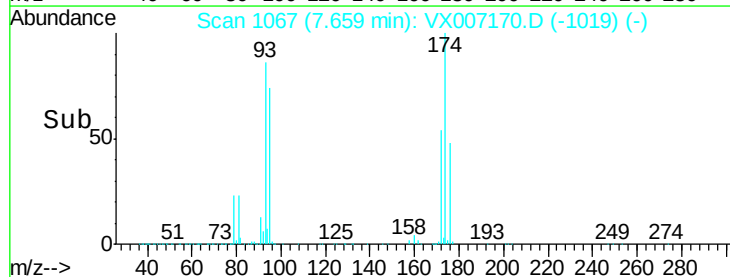
60000

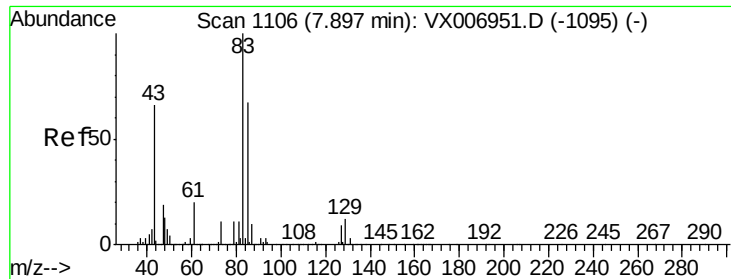
40000

20000

0

Time-->





#47

Bromodichloromethane

Concen: 51.616 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA\_X

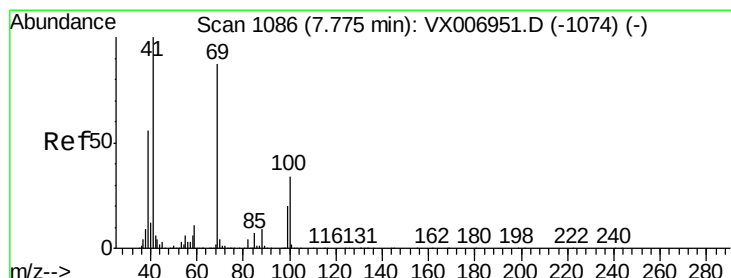
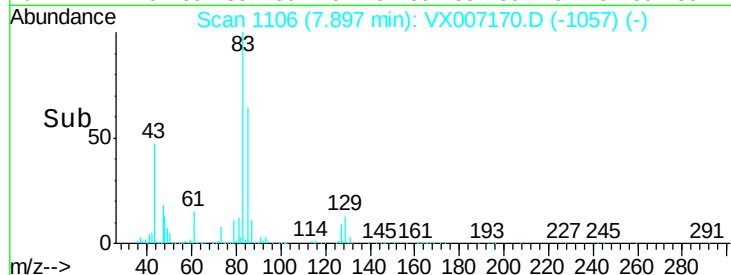
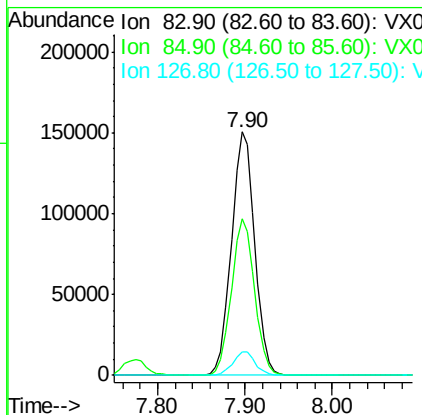
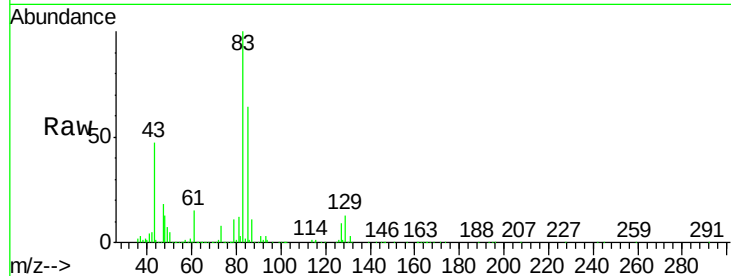
ClientSampleId :

VSTDCCC050EC

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 278593 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 64.2  | 53.2  | 79.8   |
| 127       | 9.5   | 7.8   | 11.6   |

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#48

Methyl methacrylate

Concen: 49.384 ug/l

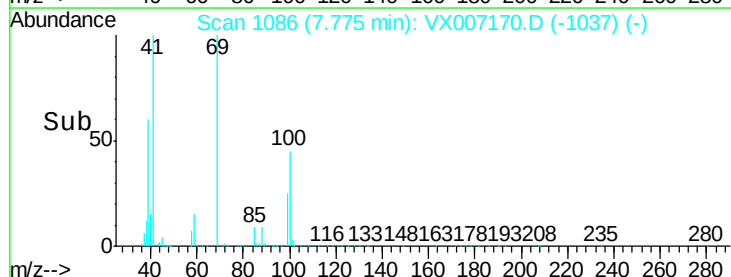
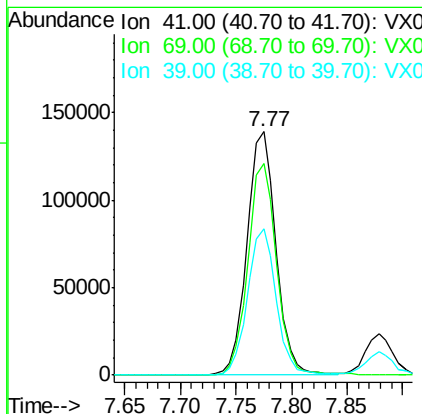
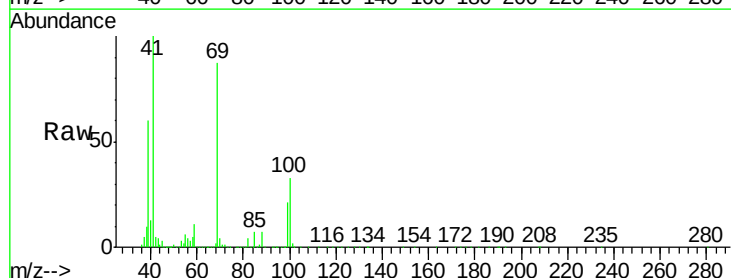
RT: 7.77 min Scan# 1086

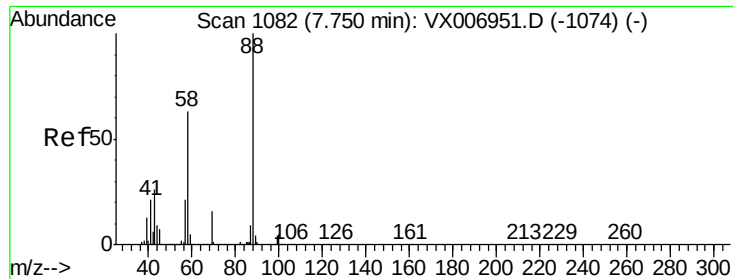
Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 41    | Resp: | 252243 |
| Ion Ratio | Lower | Upper |        |
| 41        | 100   |       |        |
| 69        | 86.8  | 72.4  | 108.6  |
| 39        | 59.0  | 45.8  | 68.8   |





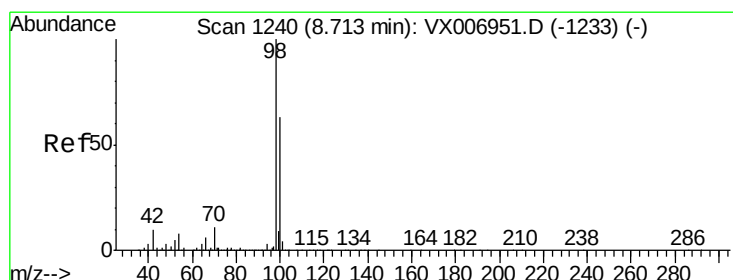
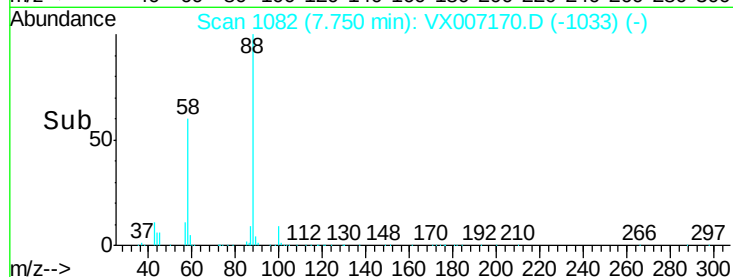
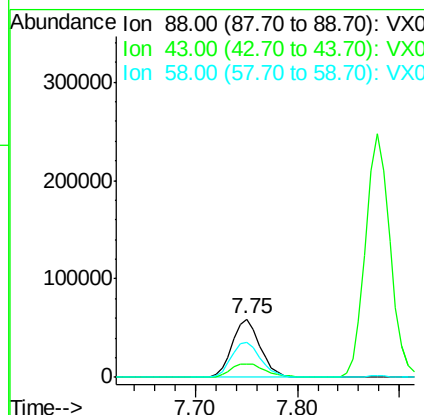
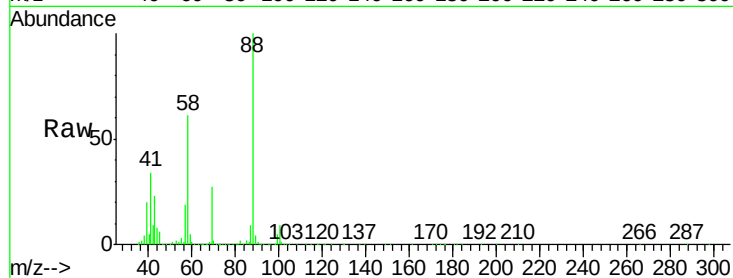
#49  
1,4-Dioxane  
Concen: 959.625 ug/l  
RT: 7.75 min Scan# 1082  
Delta R.T. 0.00 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 29.5  | 22.2  | 33.4  |
| 58      | 64.0  | 51.0  | 76.4  |

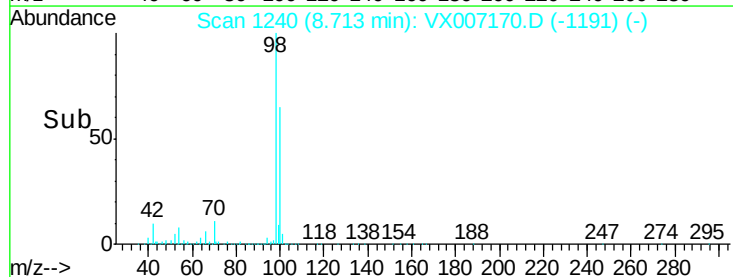
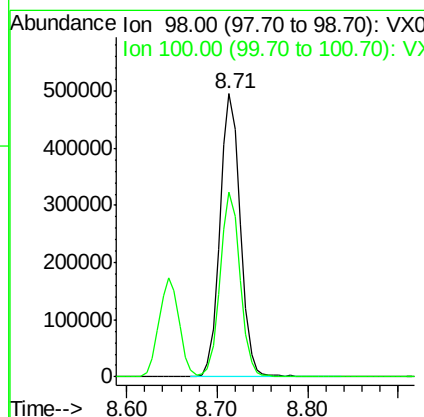
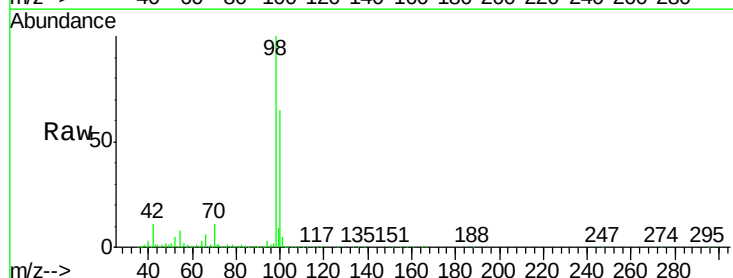
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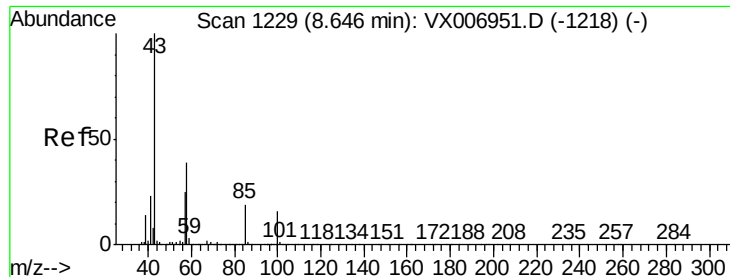
MMDadoda  
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#50  
Toluene-d8  
Concen: 49.142 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. 0.00 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.4  | 52.0  | 78.0  |





#51

4-Methyl-2-Pentanone

Concen: 255.502 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1633182

Ion Ratio Lower Upper

43 100

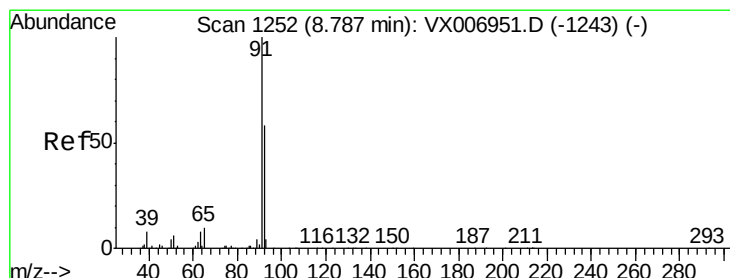
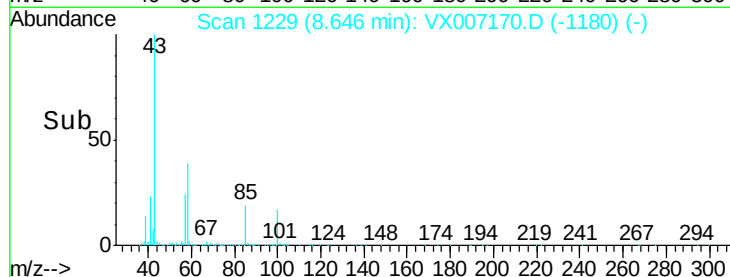
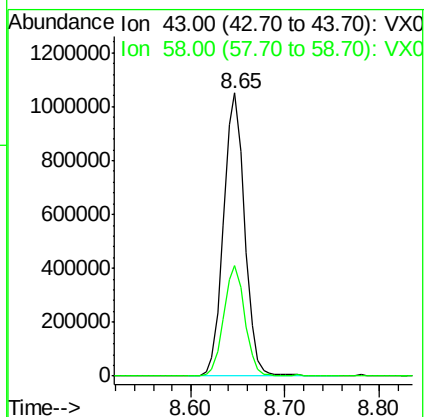
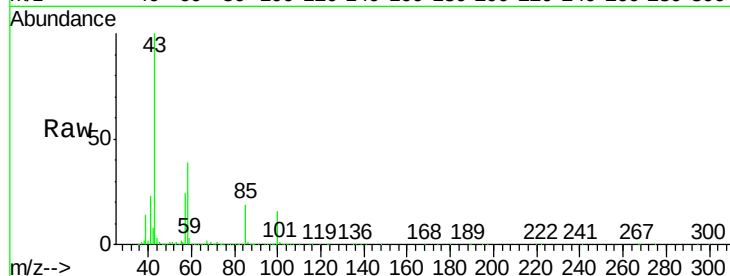
58 38.9 31.8 47.6

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#52

Toluene

Concen: 49.017 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007170.D

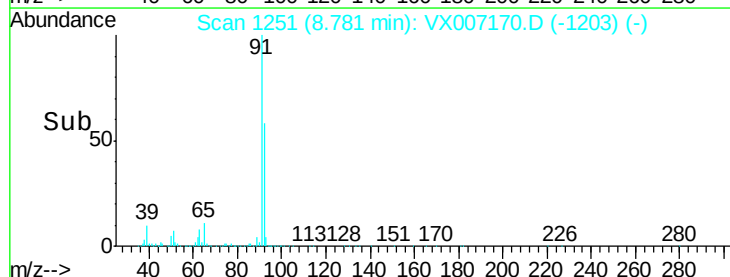
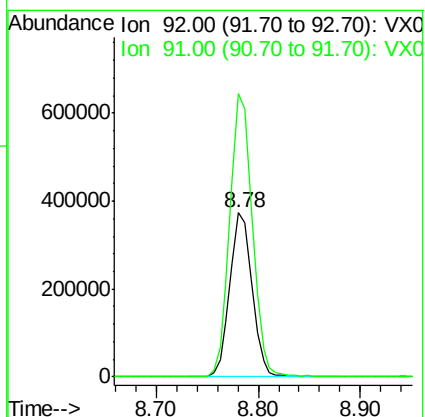
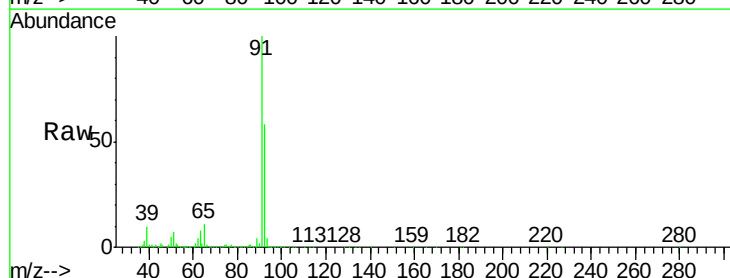
Acq: 21 Jan 2019 20:13

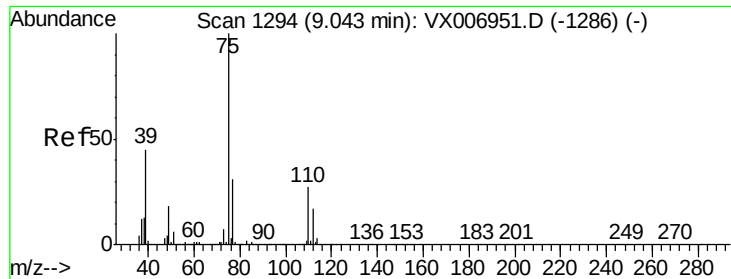
Tgt Ion: 92 Resp: 565410

Ion Ratio Lower Upper

92 100

91 174.3 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 50.574 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 302688

Ion Ratio Lower Upper

75 100

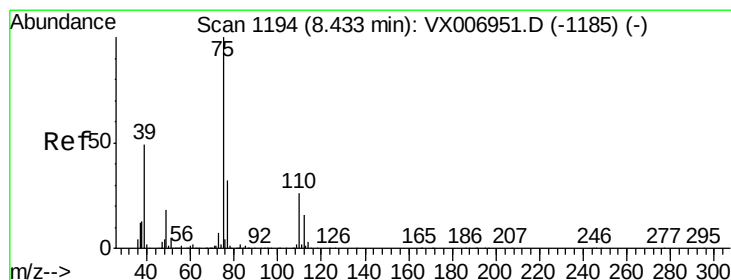
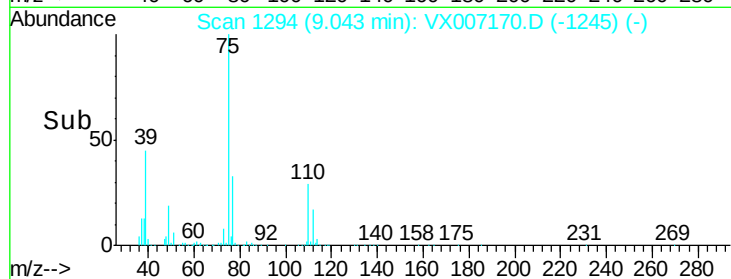
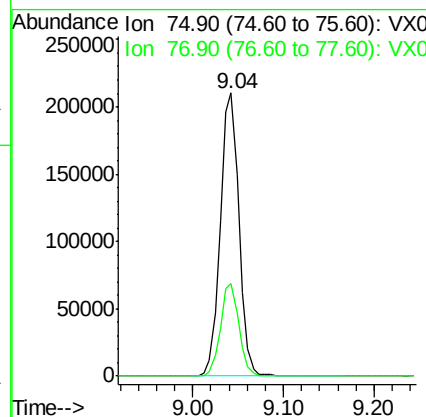
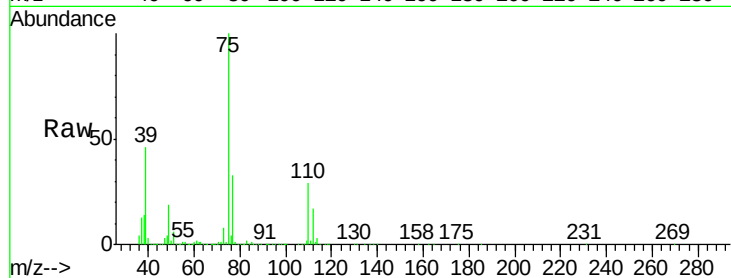
77 32.8 25.4 38.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 51.151 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

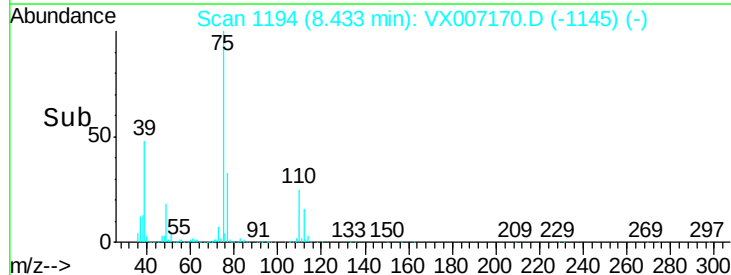
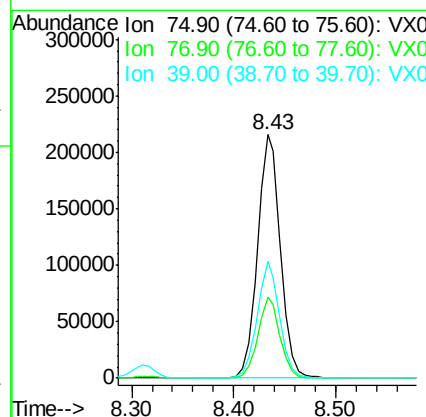
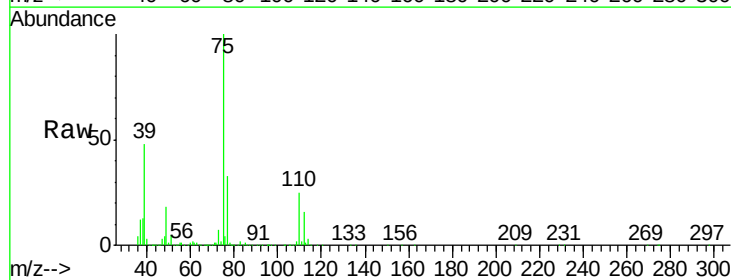
Tgt Ion: 75 Resp: 338083

Ion Ratio Lower Upper

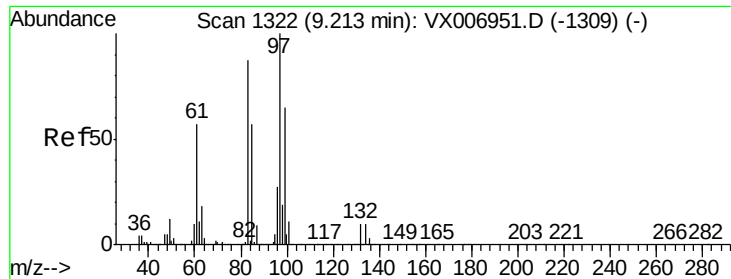
75 100

77 33.4 26.2 39.2

39 47.7 36.7 55.1







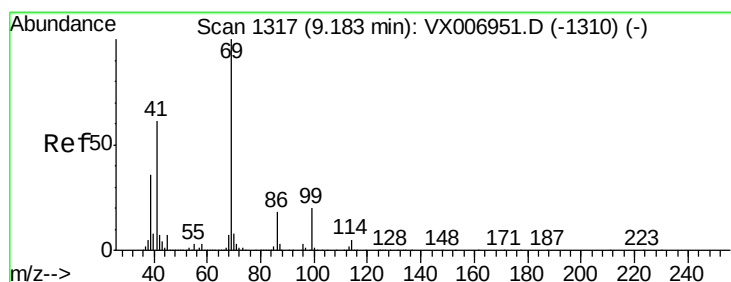
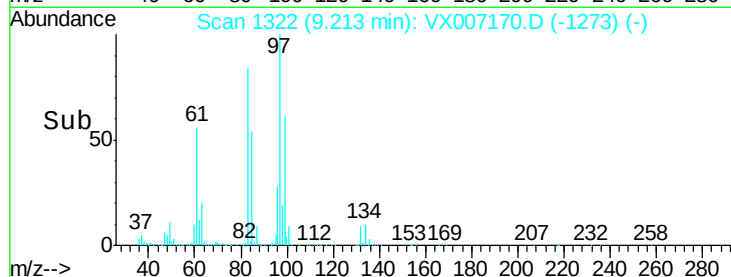
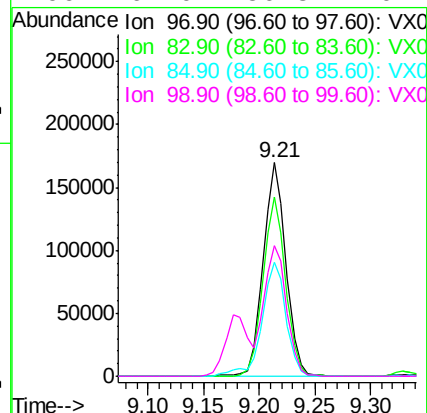
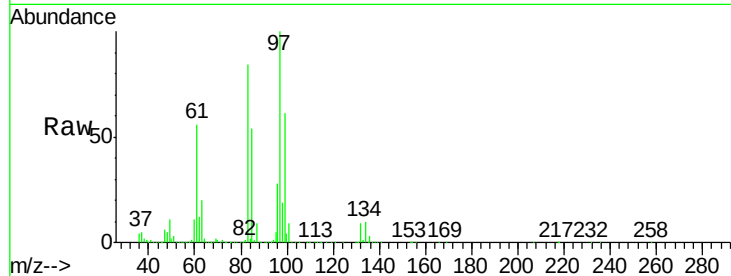
#55  
 1,1,2-Trichloroethane  
 Concen: 52.436 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: VX007170.D  
 Acq: 21 Jan 2019 20:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 97      | 100  |       | 242095 |       |       |
| 83      | 83.9 | 66.6  | 99.8   |       |       |
| 85      | 53.6 | 42.7  | 64.1   |       |       |
| 99      | 61.0 | 50.8  | 76.2   |       |       |

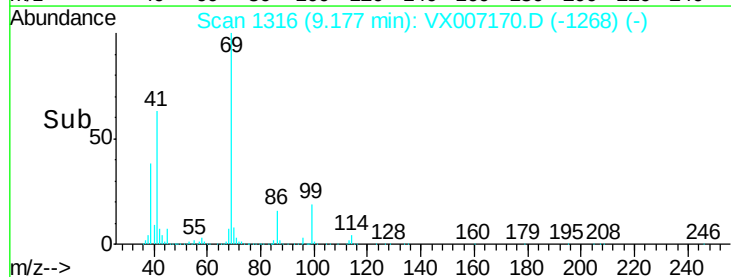
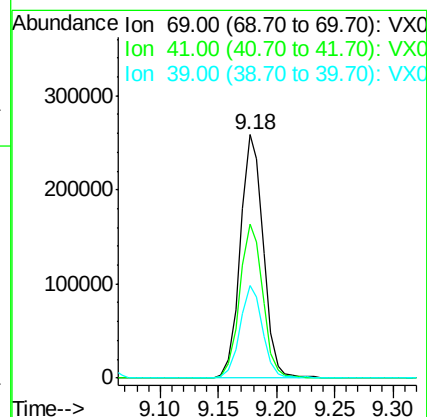
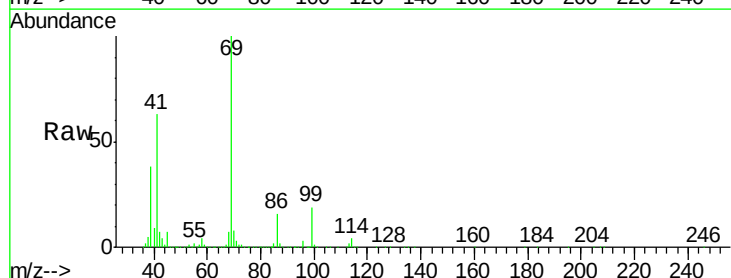
Manual Integrations  
 APPROVED

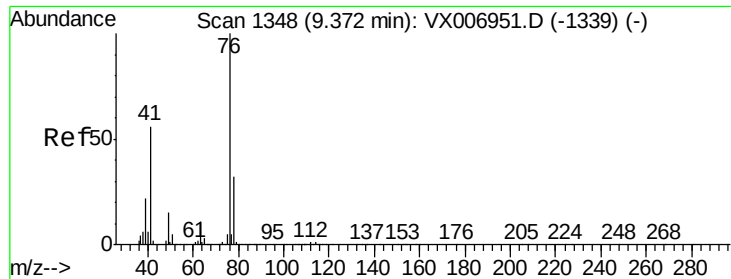
MMDadoda  
 1/22/2019 10:56:21 AM



#56  
 Ethyl methacrylate  
 Concen: 52.764 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. -0.01 min  
 Lab File: VX007170.D  
 Acq: 21 Jan 2019 20:13

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 69      | 100  |       | 355637 |       |       |
| 41      | 63.8 | 48.7  | 73.1   |       |       |
| 39      | 37.3 | 27.0  | 40.6   |       |       |





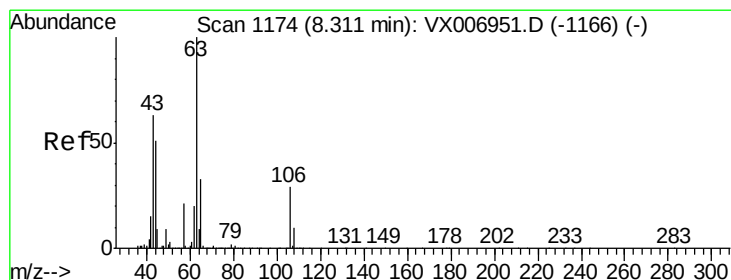
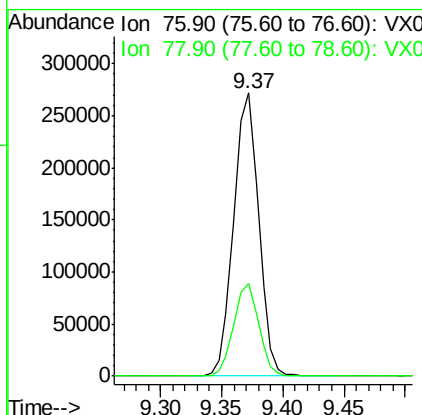
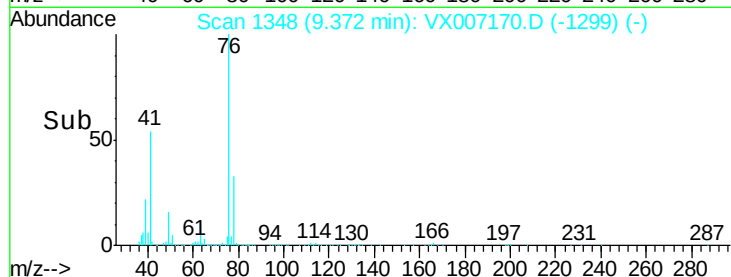
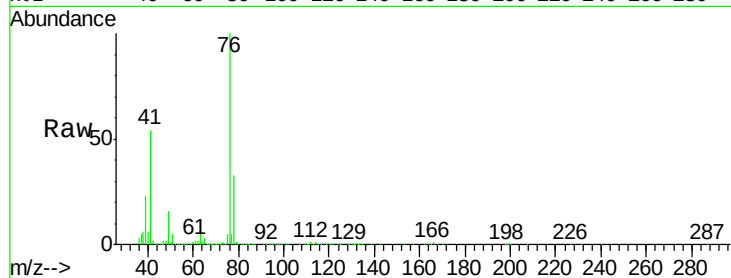
#57  
 1,3-Dichloropropane  
 Concen: 50.855 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. 0.00 min  
 Lab File: VX007170.D  
 Acq: 21 Jan 2019 20:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 32.8  | 26.0  | 39.0  |

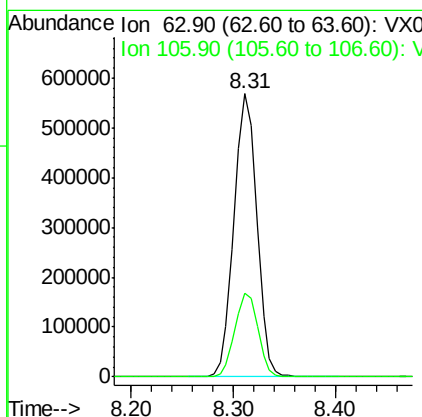
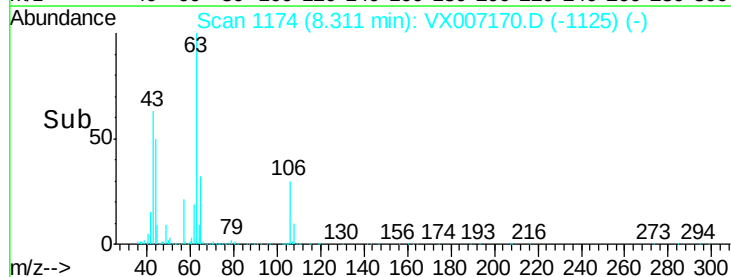
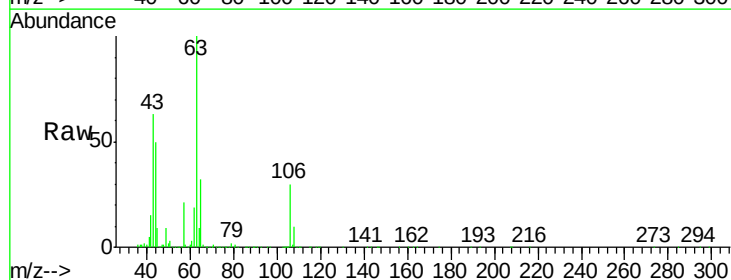
Manual Integrations  
 APPROVED

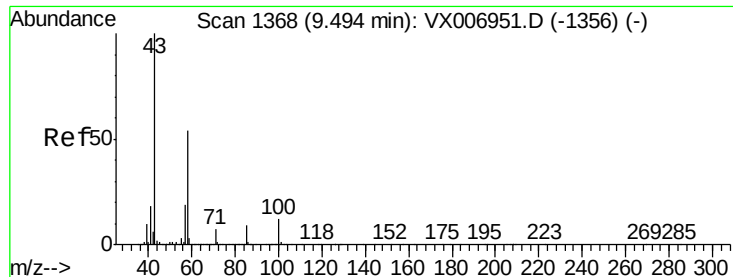
MMDadoda  
 1/22/2019 10:56:21 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 253.279 ug/l  
 RT: 8.31 min Scan# 1174  
 Delta R.T. 0.00 min  
 Lab File: VX007170.D  
 Acq: 21 Jan 2019 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 30.2  | 24.6  | 36.8  |





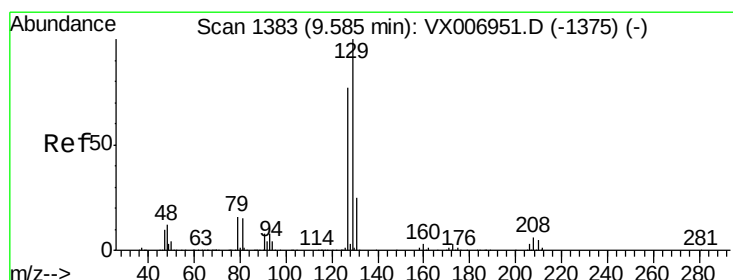
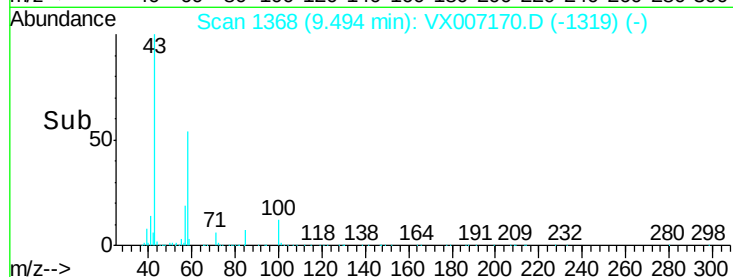
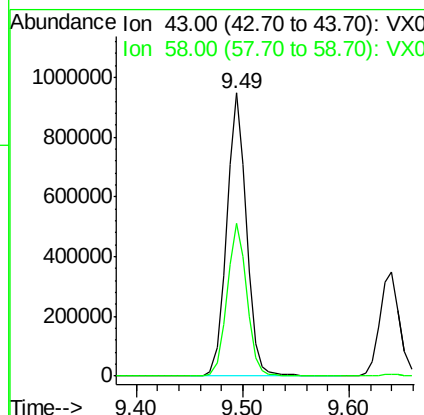
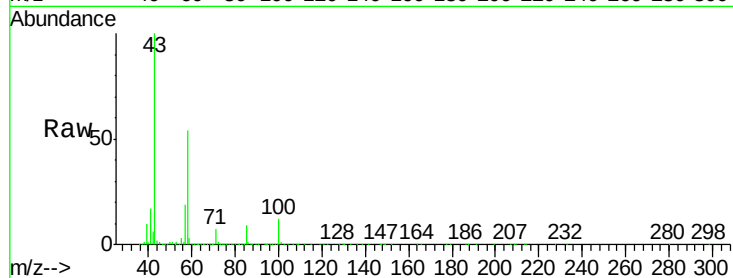
#59  
2-Hexanone  
Concen: 251.591 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. 0.00 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 1225529  
Ion Ratio Lower Upper  
43 100  
58 54.5 27.7 83.1

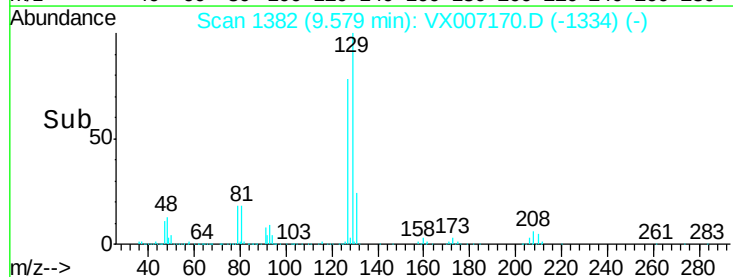
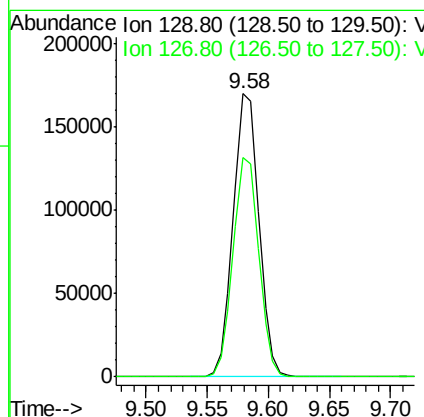
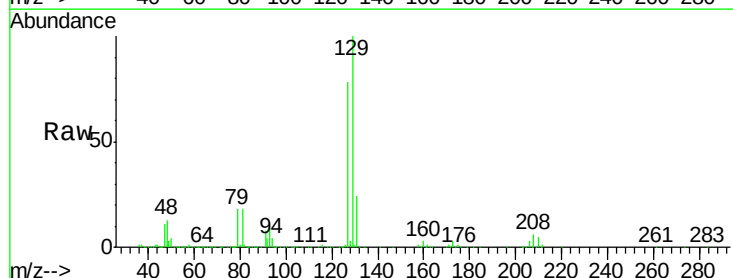
Manual Integrations  
APPROVED

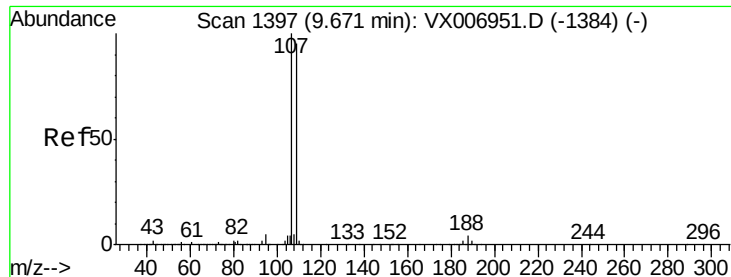
MMDadoda  
1/22/2019 10:56:21 AM



#60  
Dibromochloromethane  
Concen: 55.139 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. -0.01 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

Tgt Ion: 129 Resp: 247202  
Ion Ratio Lower Upper  
129 100  
127 77.8 39.3 117.8





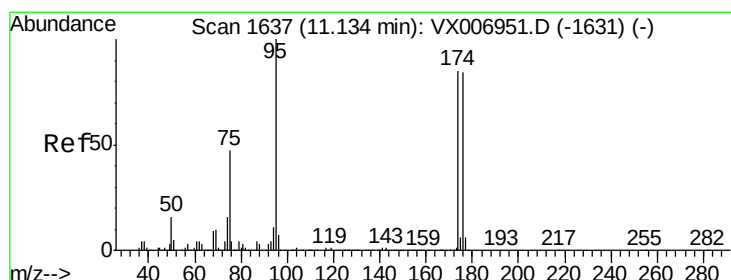
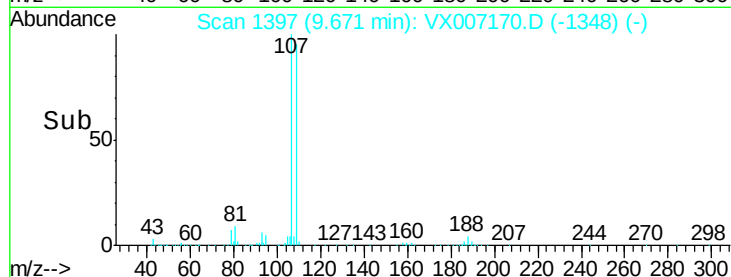
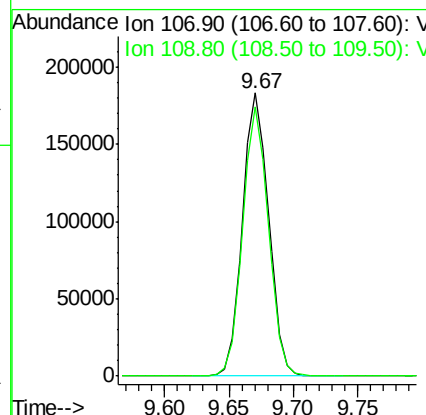
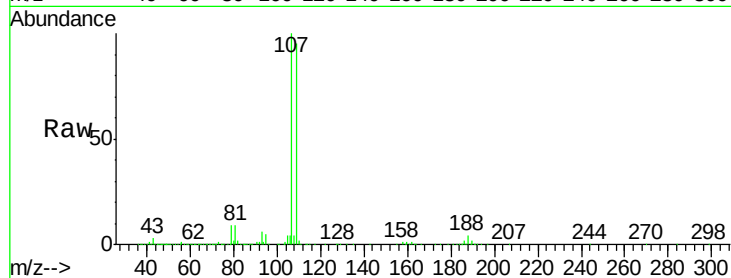
#61  
 1,2-Dibromoethane  
 Concen: 50.740 ug/l  
 RT: 9.67 min Scan# 1397  
 Delta R.T. 0.00 min  
 Lab File: VX007170.D  
 Acq: 21 Jan 2019 20:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 93.9  | 75.8  | 113.6 |

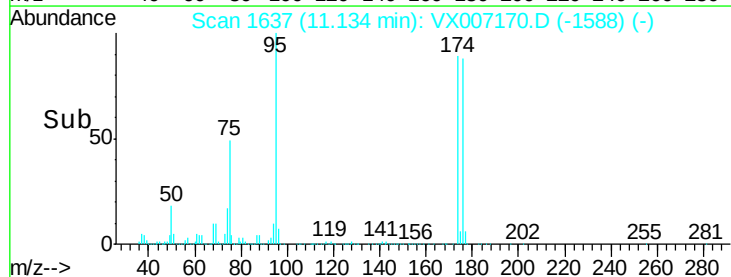
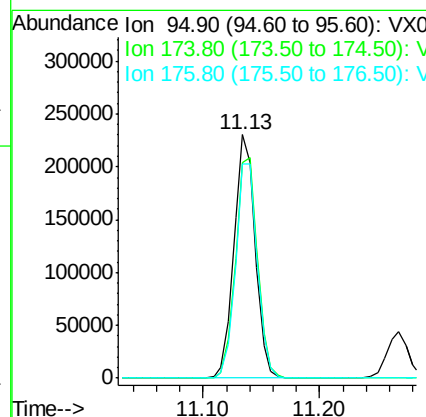
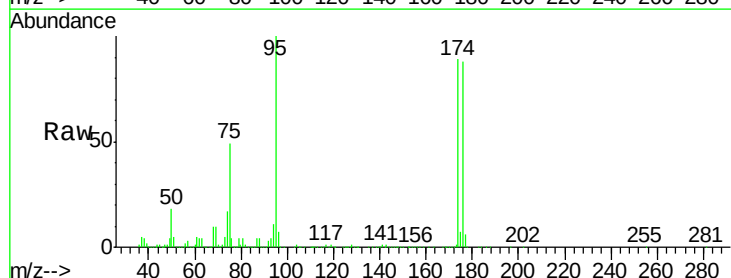
Manual Integrations  
 APPROVED

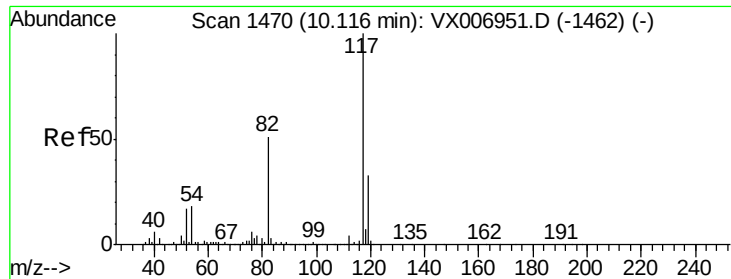
MMDadoda  
 1/22/2019 10:56:21 AM



#62  
 4-Bromofluorobenzene  
 Concen: 52.880 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. 0.00 min  
 Lab File: VX007170.D  
 Acq: 21 Jan 2019 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 94.1  | 0.0   | 182.2 |
| 176     | 91.0  | 0.0   | 178.8 |





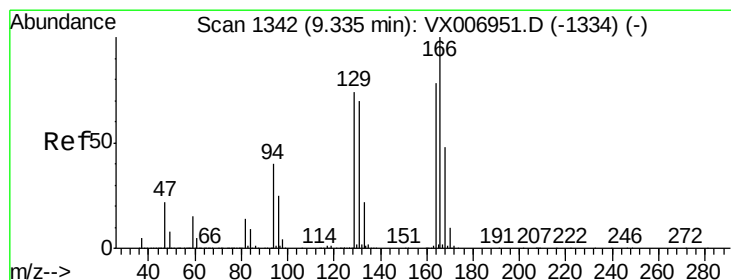
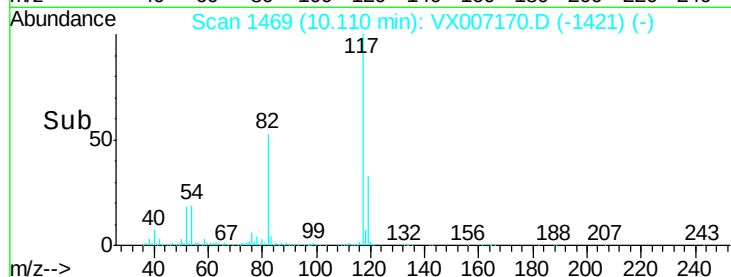
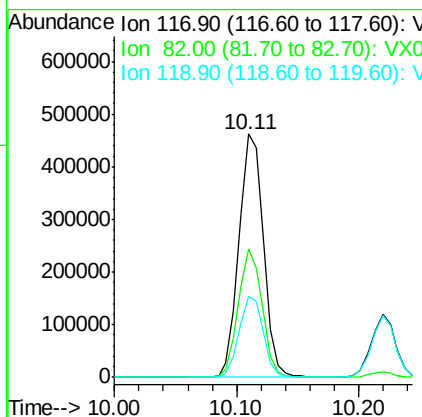
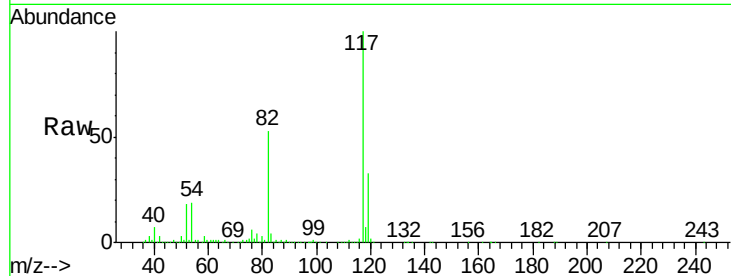
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.01 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.7  | 41.0  | 61.6  |
| 119     | 33.5  | 25.4  | 38.0  |

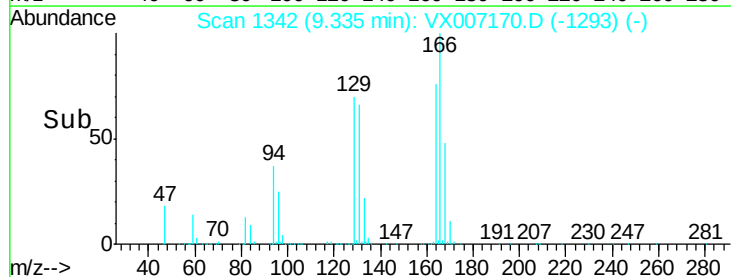
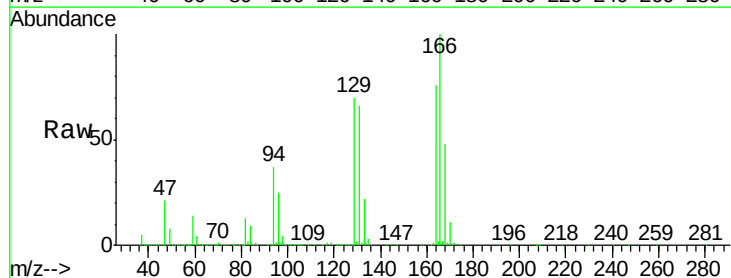
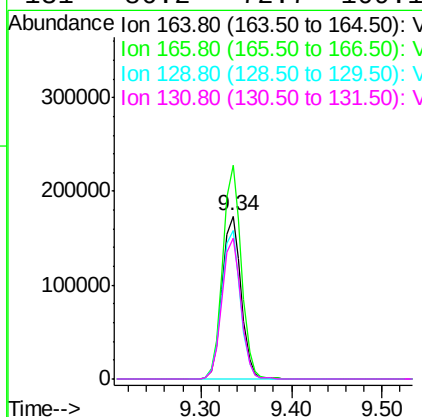
Manual Integrations  
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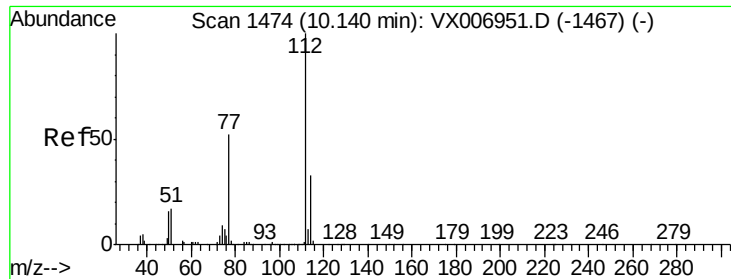
MMDadoda  
1/22/2019 10:56:21 AM



#64  
Tetrachloroethene  
Concen: 45.822 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 131.2 | 102.5 | 153.7 |
| 129     | 91.4  | 75.1  | 112.7 |
| 131     | 86.2  | 72.7  | 109.1 |





#65

Chlorobenzene

Concen: 47.908 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:112 Resp: 667589

Ion Ratio Lower Upper

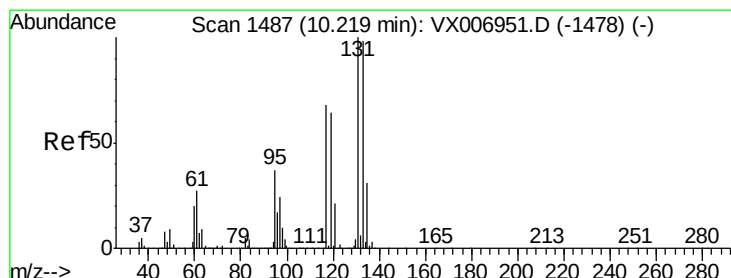
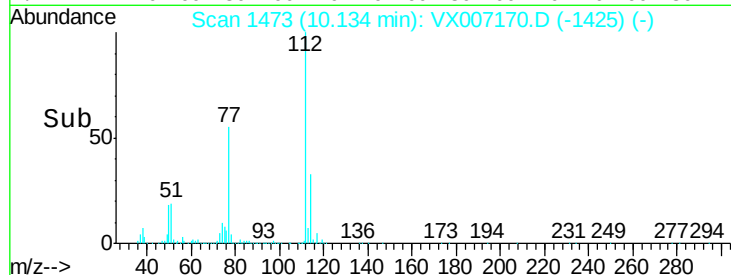
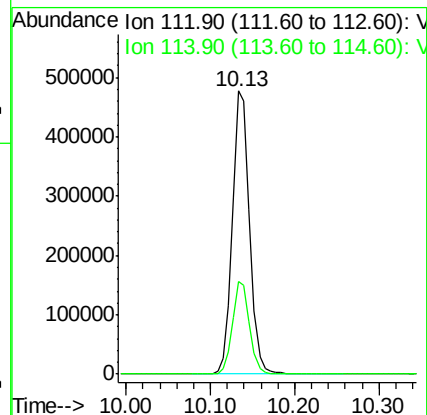
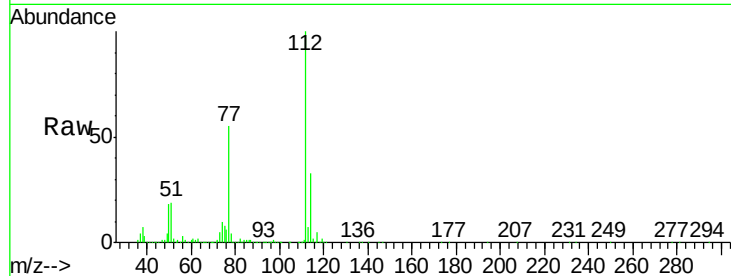
112 100

114 32.6 25.7 38.5

Manual Integrations  
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#66

1,1,1,2-Tetrachloroethane

Concen: 51.308 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

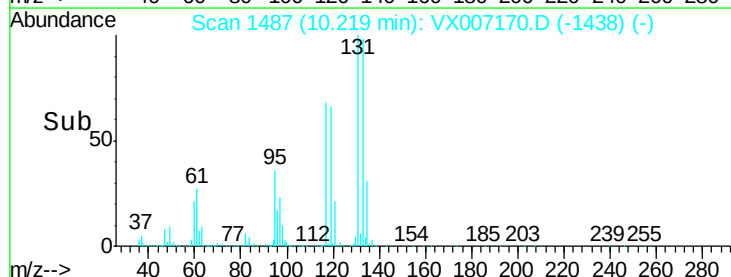
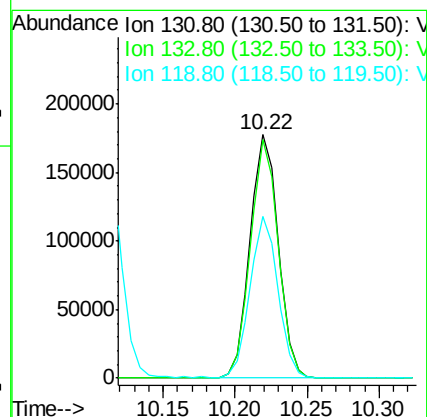
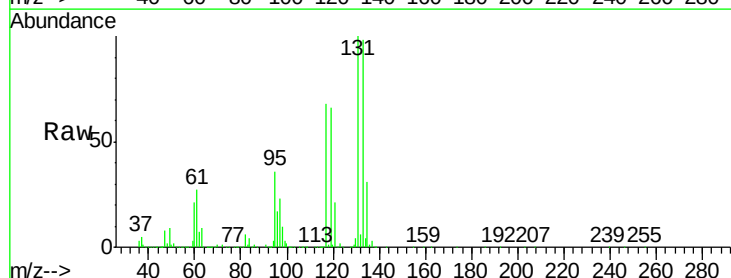
Tgt Ion:131 Resp: 240517

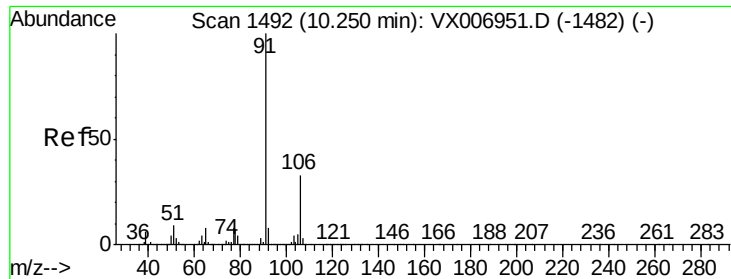
Ion Ratio Lower Upper

131 100

133 96.0 48.0 144.2

119 65.6 32.6 97.8





#67

Ethyl Benzene

Concen: 48.254 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1110065

Ion Ratio Lower Upper

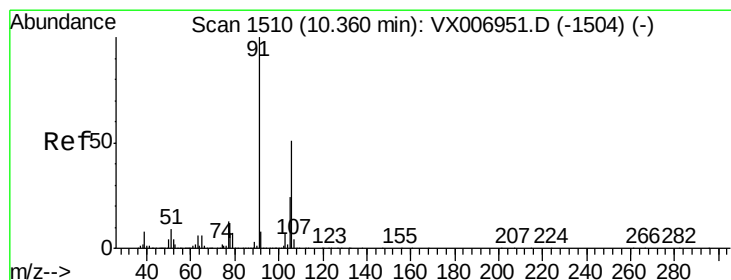
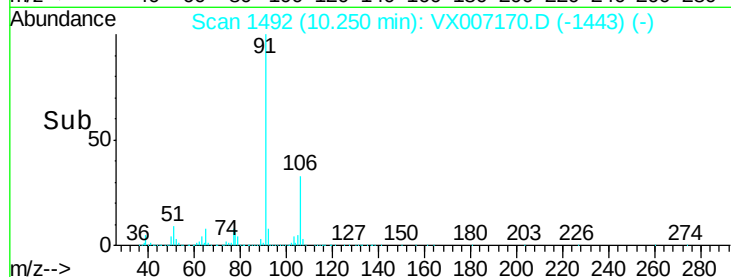
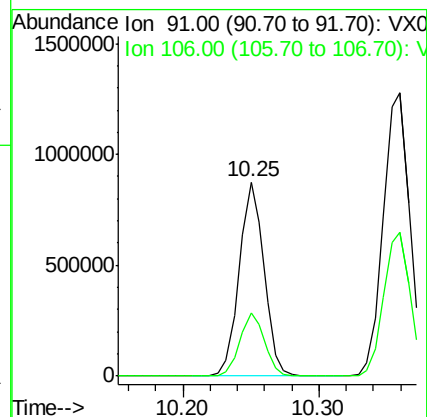
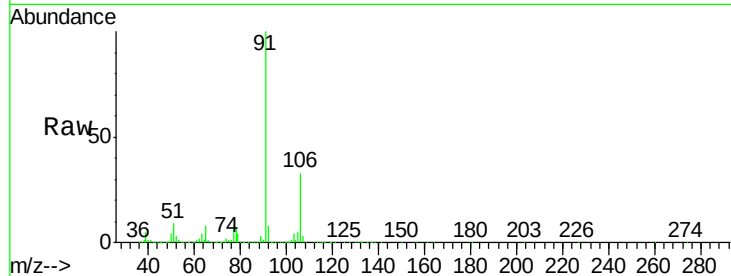
91 100

106 32.8 26.4 39.6

Manual Integrations  
APPROVED

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1/22/2019 10:56:21 AM



#68

m/p-Xylenes

Concen: 97.315 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX007170.D

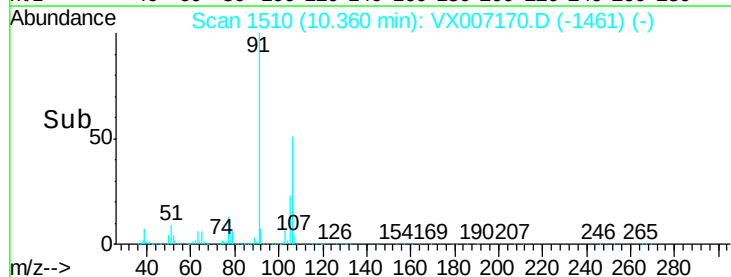
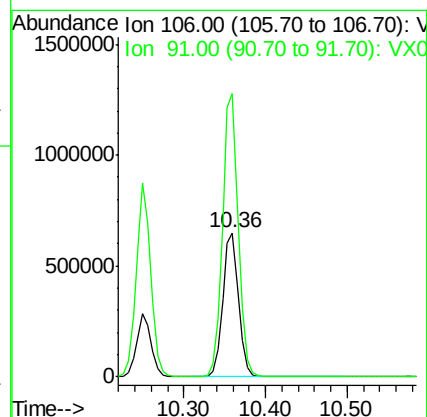
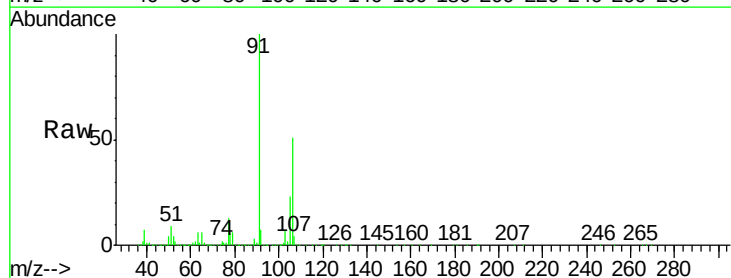
Acq: 21 Jan 2019 20:13

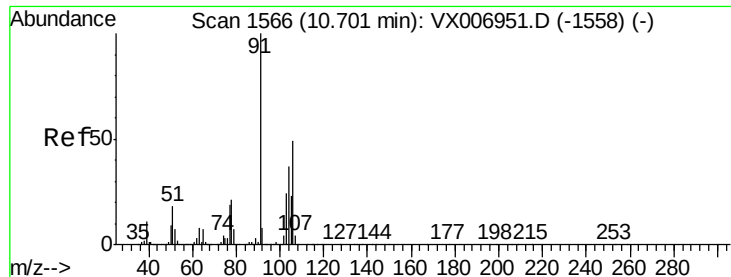
Tgt Ion: 106 Resp: 882018

Ion Ratio Lower Upper

106 100

91 196.8 155.8 233.6





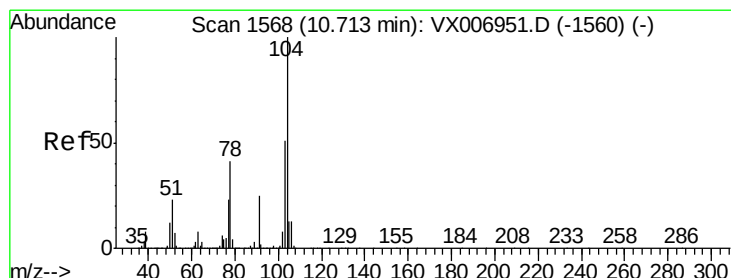
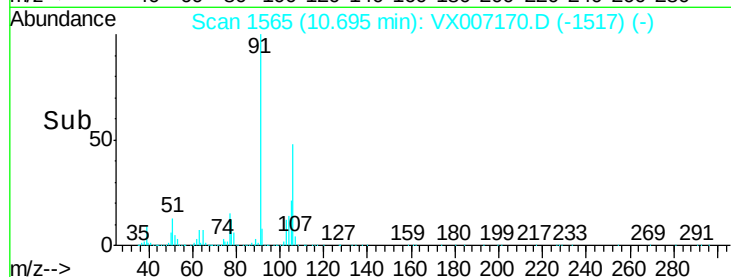
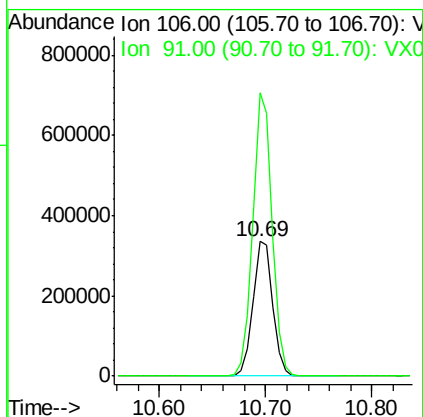
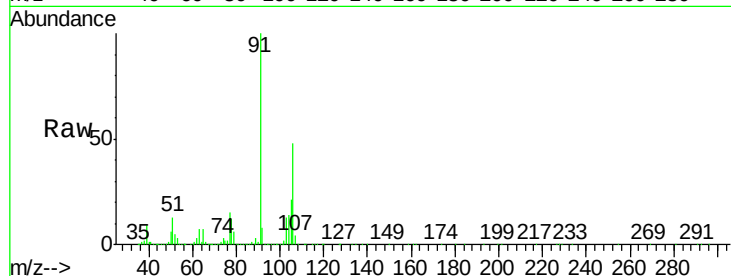
#69  
o-Xylene  
Concen: 49.493 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. -0.01 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 205.5 | 101.3 | 303.7 |

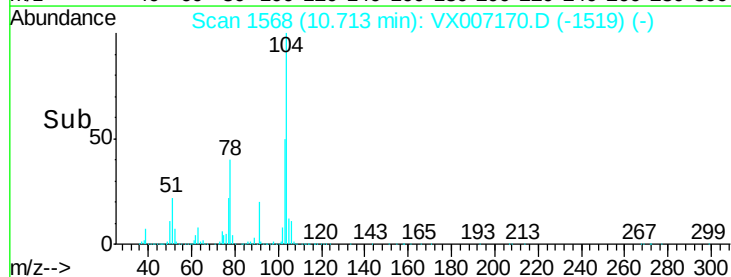
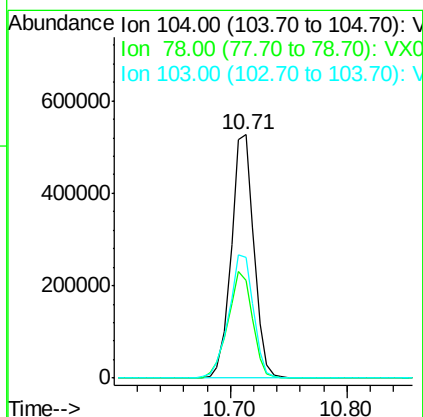
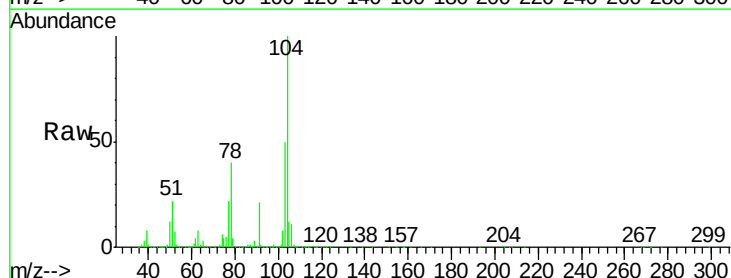
Manual Integrations  
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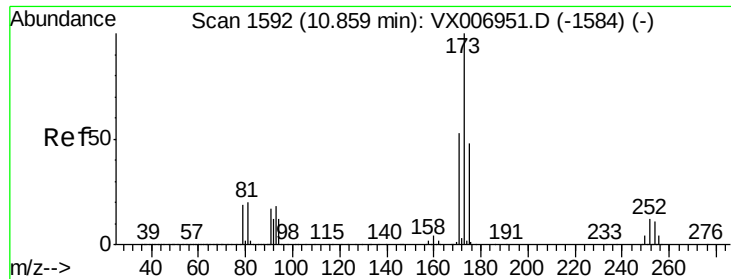


#70  
Styrene  
Concen: 50.939 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 47.7  | 37.7  | 56.5  |
| 103     | 55.3  | 43.8  | 65.8  |







#71

Bromoform

Concen: 45.620 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 189408

Ion Ratio Lower Upper

173 100

175 48.0 24.7 74.1

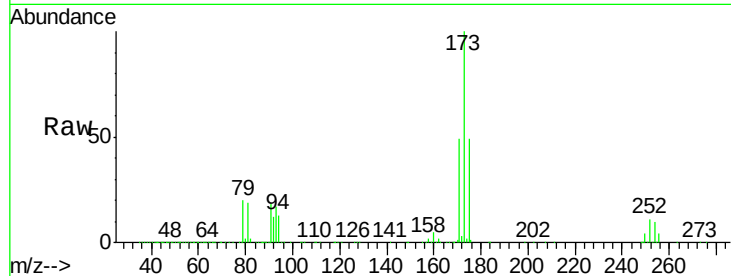
254 0.2 0.2 0.2

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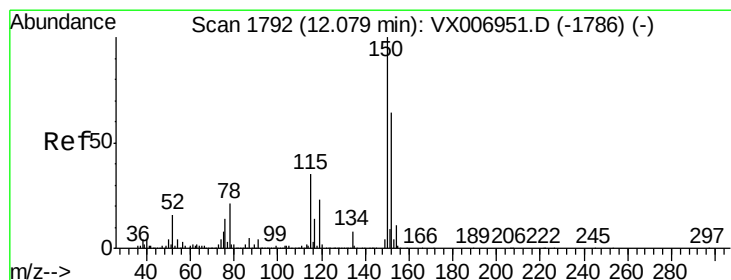
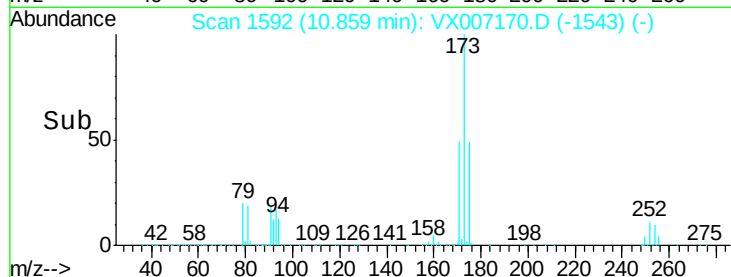
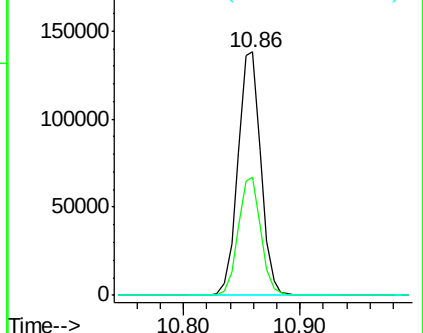
1/22/2019 10:56:21 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

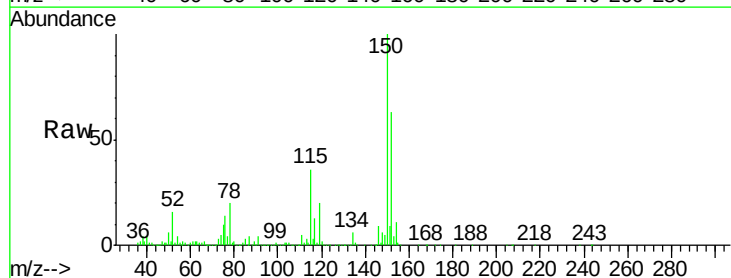
Tgt Ion:152 Resp: 343576

Ion Ratio Lower Upper

152 100

115 78.2 39.1 117.2

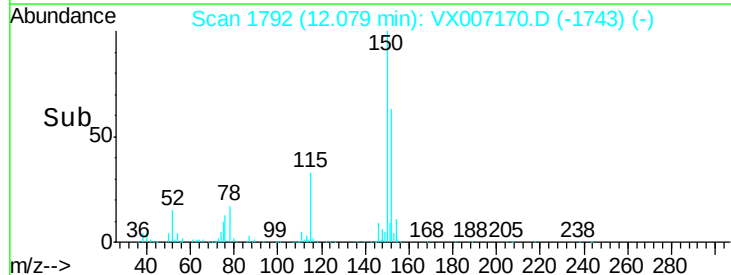
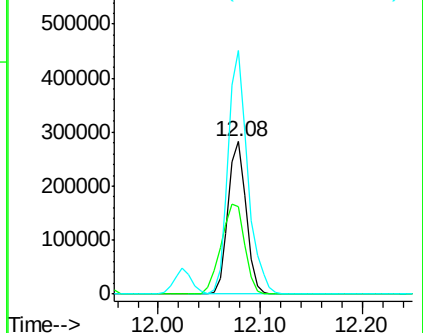
150 173.8 0.0 344.8

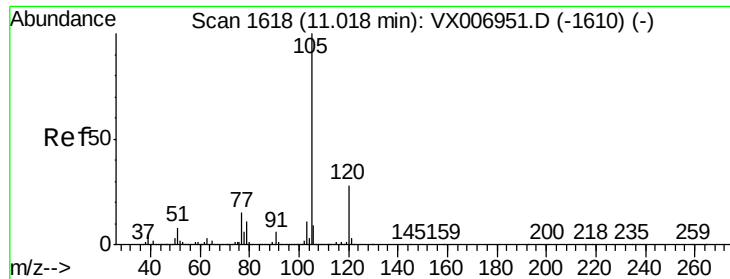


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.054 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1164207

Ion Ratio Lower Upper

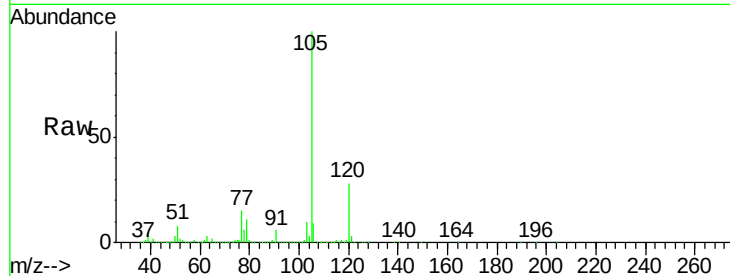
105 100

120 27.5 14.1 42.4

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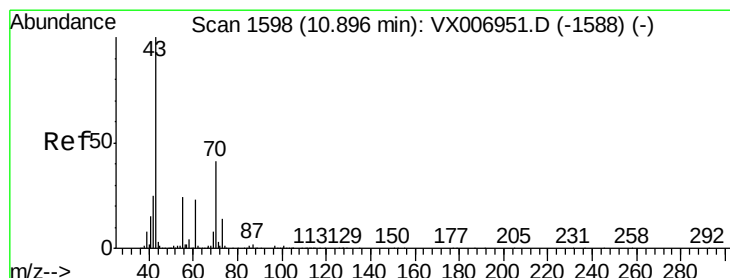
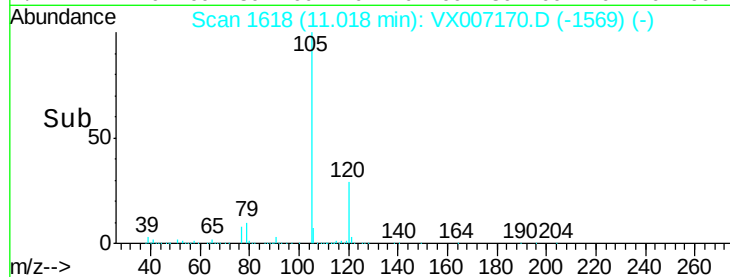
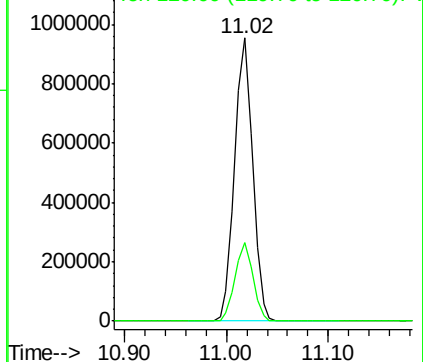
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 46.352 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Tgt Ion: 43 Resp: 452135

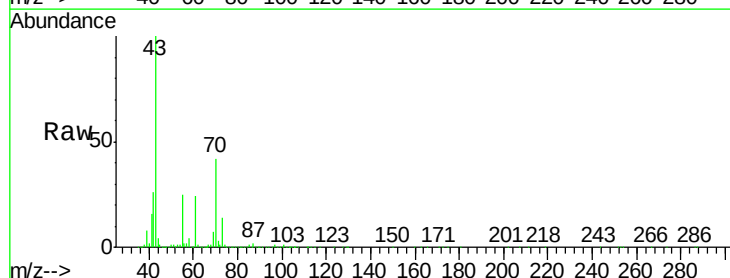
Ion Ratio Lower Upper

43 100

70 42.5 35.8 53.8

55 24.8 19.4 29.0

61 24.0 20.1 30.1

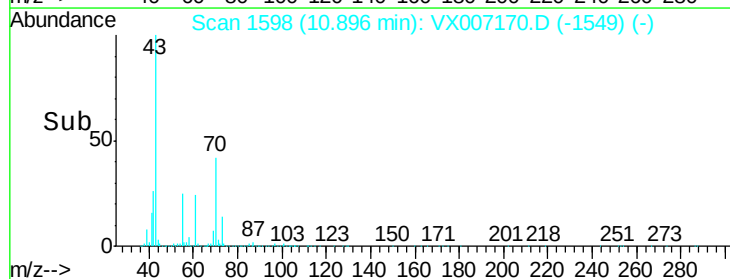
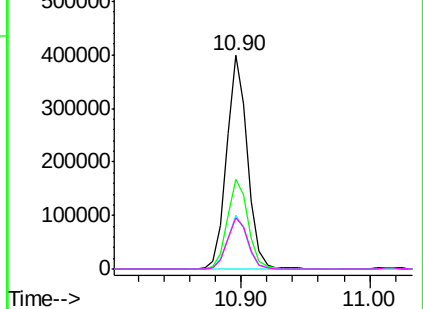


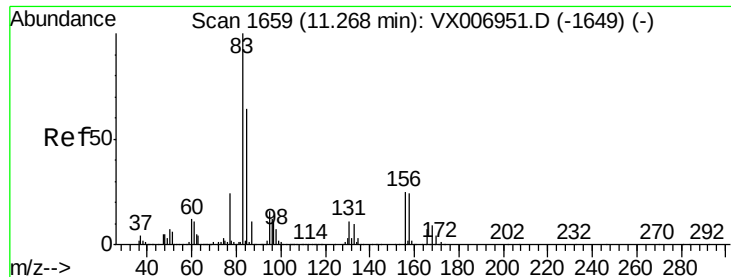
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.515 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 357757

Ion Ratio Lower Upper

83 100

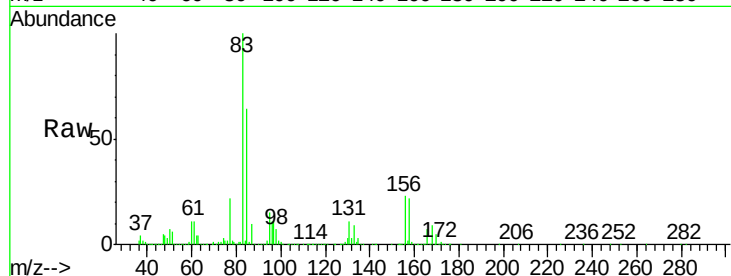
131 11.2 5.7 17.1

85 64.7 32.2 96.6

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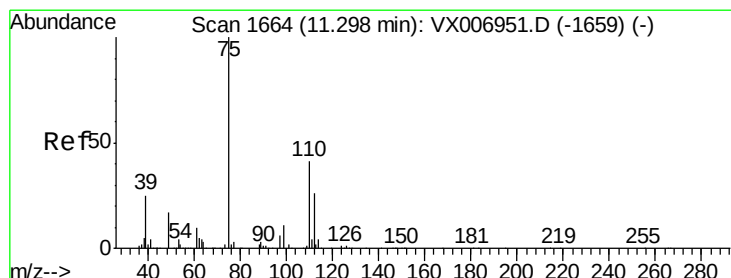
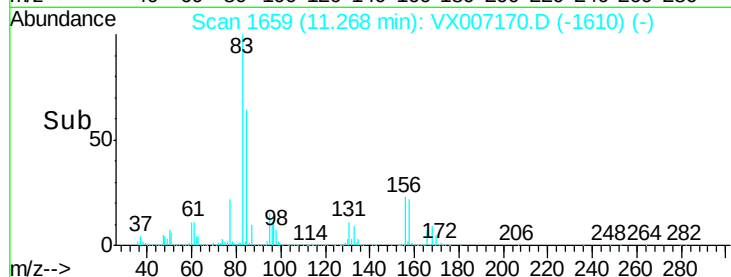
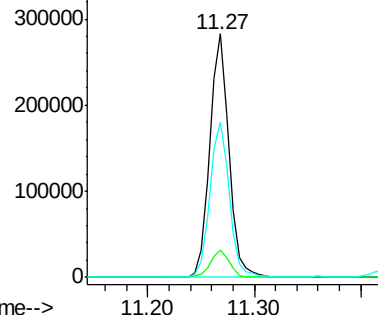
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 47.336 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007170.D

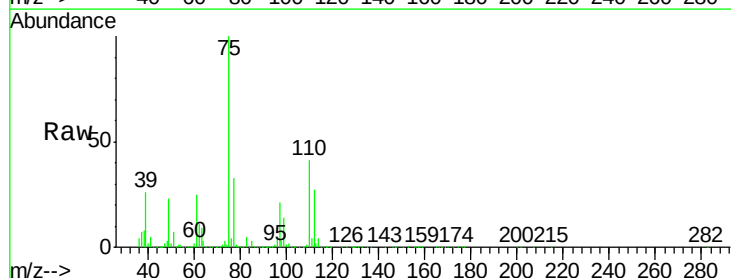
Acq: 21 Jan 2019 20:13

Tgt Ion: 75 Resp: 329572

Ion Ratio Lower Upper

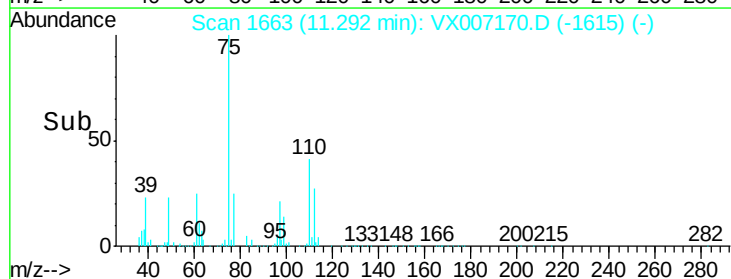
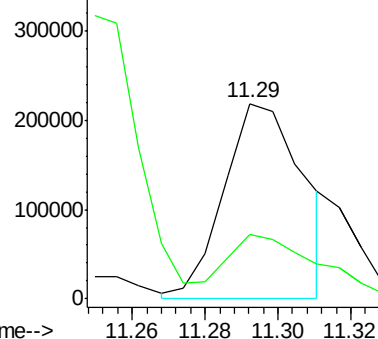
75 100

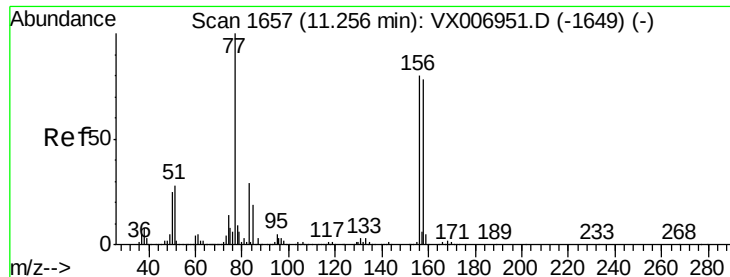
77 39.6 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.042 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 314025

Ion Ratio Lower Upper

156 100

77 134.0 68.0 204.0

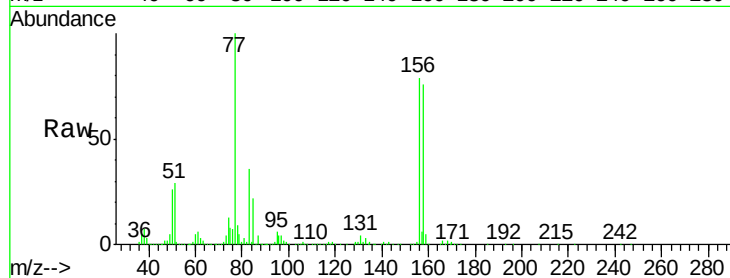
158 96.4 48.3 144.8

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Abundance Ion 155.80 (155.50 to 156.50): V

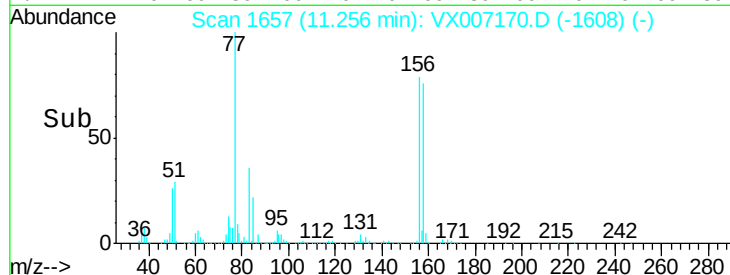
Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V

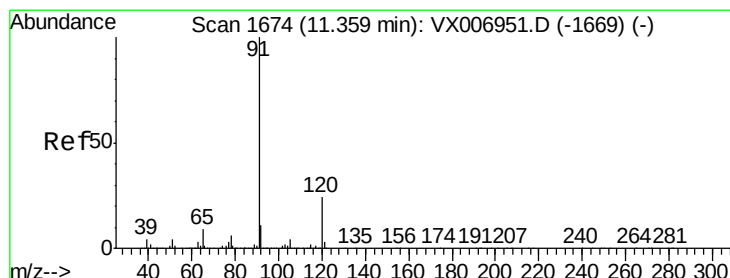
Time-->

11.26

11.30



Time-->



#78

n-propylbenzene

Concen: 49.352 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX007170.D

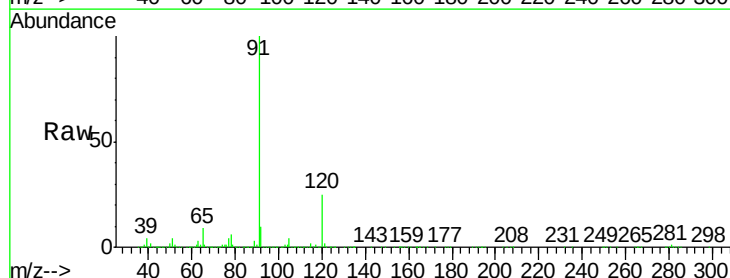
Acq: 21 Jan 2019 20:13

Tgt Ion: 91 Resp: 1312560

Ion Ratio Lower Upper

91 100

120 24.7 12.7 38.0



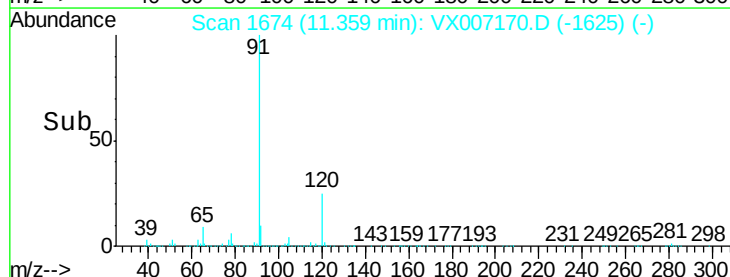
Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

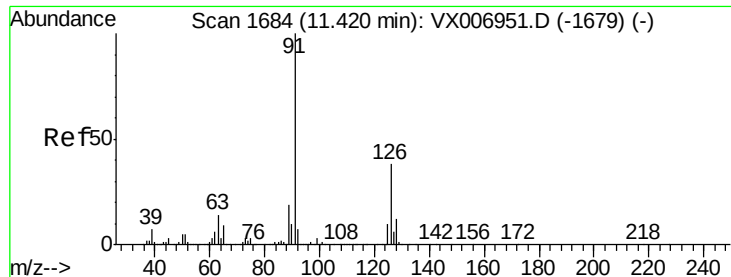
Time-->

11.36

11.40



Time-->



#79

2-Chlorotoluene

Concen: 47.845 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 765982

Ion Ratio Lower Upper

91 100

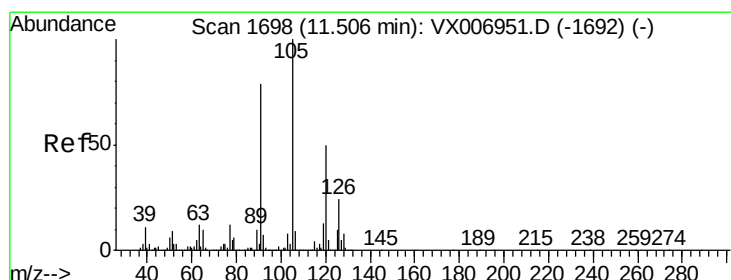
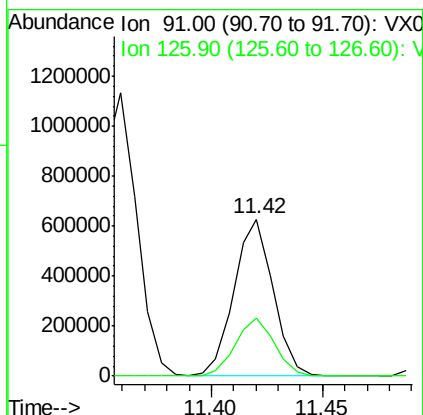
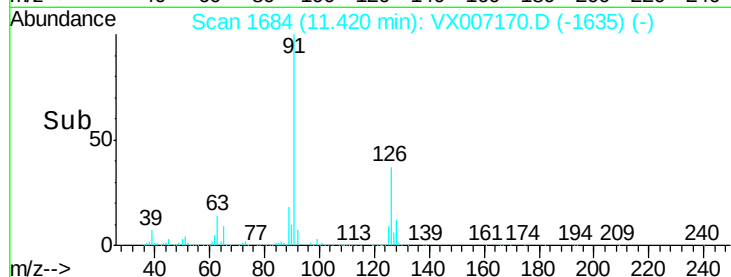
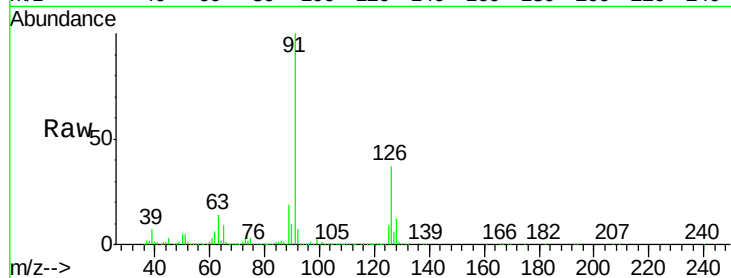
126 36.9 18.6 56.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 47.350 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX007170.D

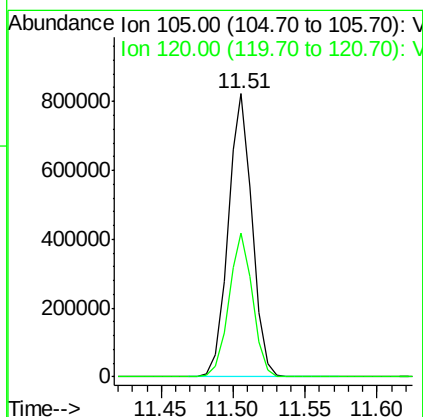
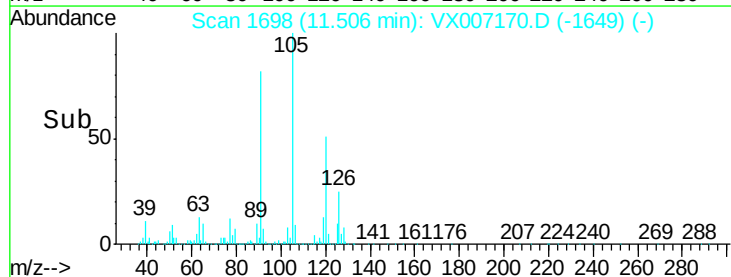
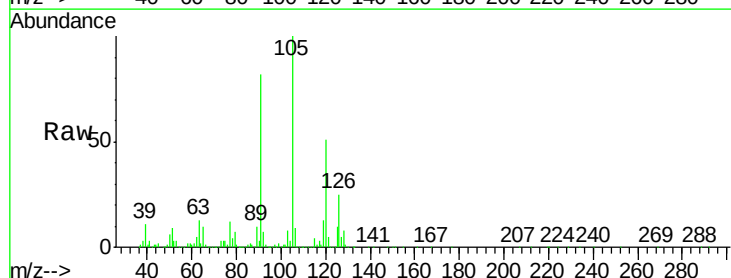
Acq: 21 Jan 2019 20:13

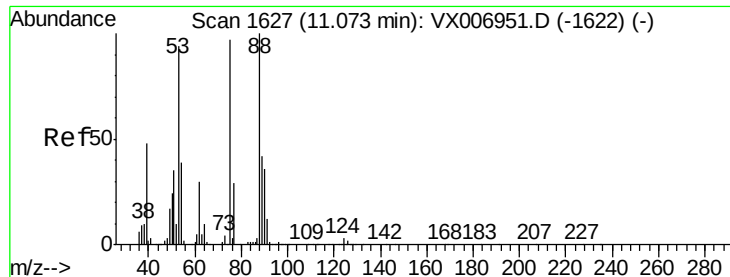
Tgt Ion: 105 Resp: 958527

Ion Ratio Lower Upper

105 100

120 50.3 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 41.089 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA\_X

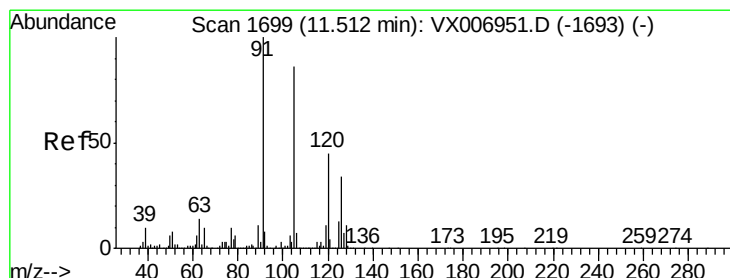
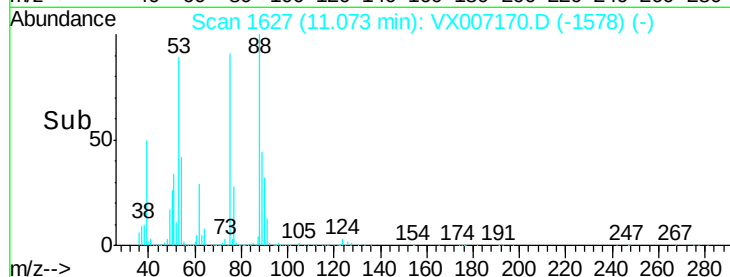
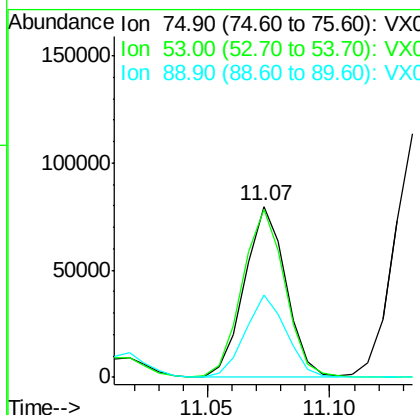
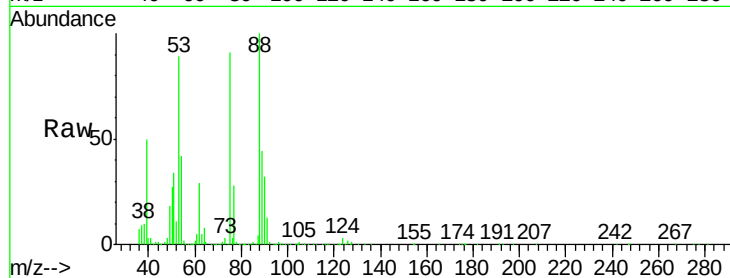
ClientSampleId :

VSTDCCC050EC

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 75    | Resp: | 93114 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 53        | 102.3 | 79.7  | 119.5 |
| 89        | 48.7  | 38.0  | 57.0  |

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#82

4-Chlorotoluene

Concen: 48.027 ug/l

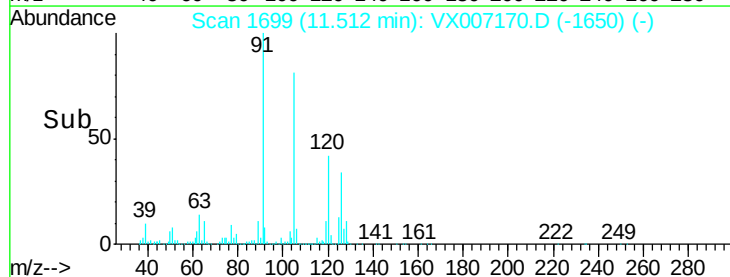
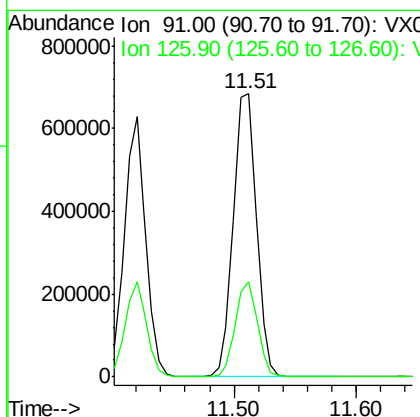
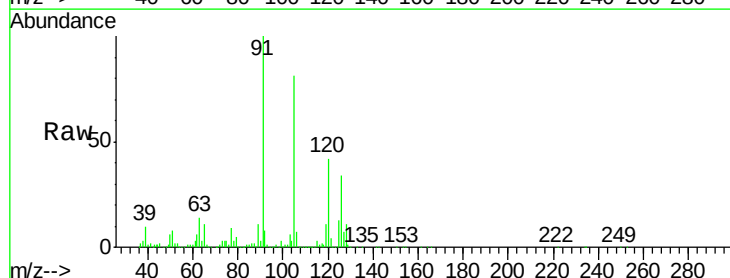
RT: 11.51 min Scan# 1699

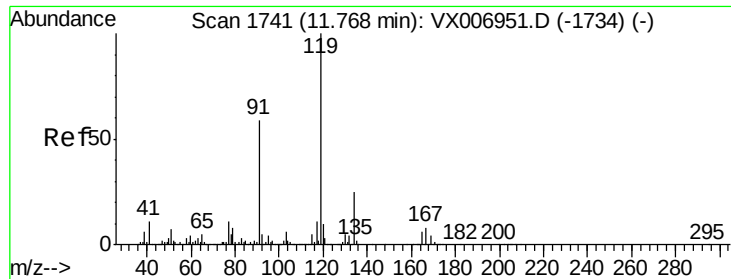
Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 890255 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 32.0  | 16.3  | 48.9   |





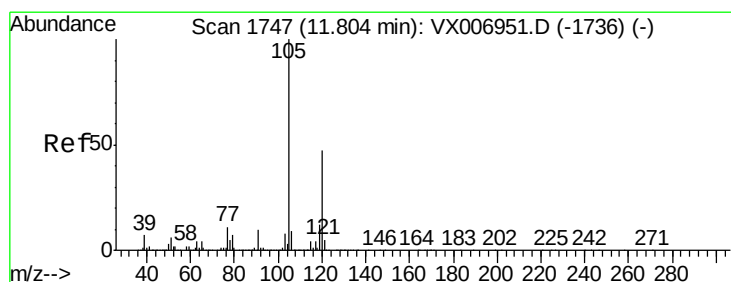
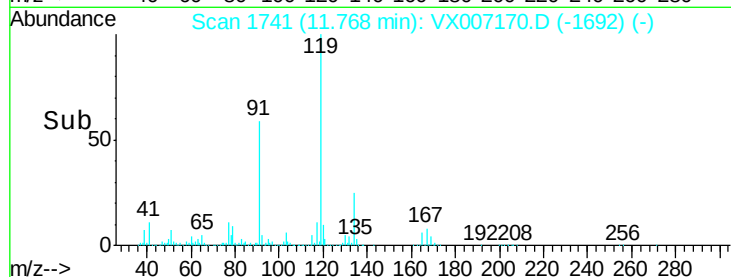
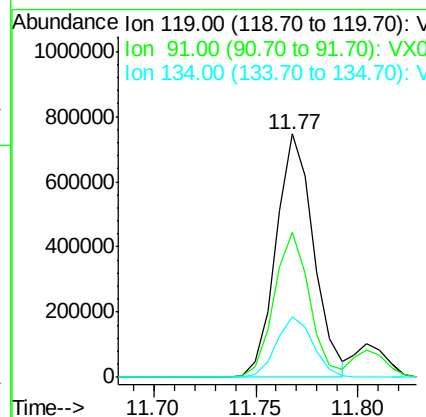
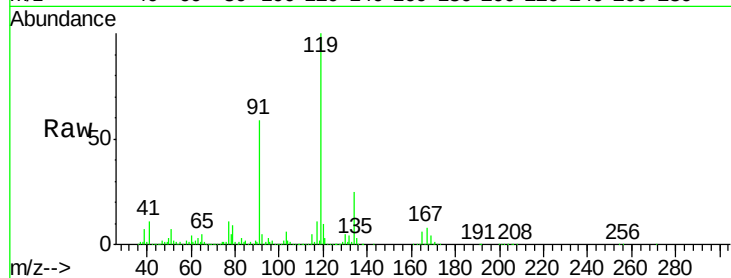
#83  
 tert-Butylbenzene  
 Concen: 47.482 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: VX007170.D  
 Acq: 21 Jan 2019 20:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 56.5  | 27.7  | 83.1  |
| 134     | 24.3  | 11.9  | 35.5  |

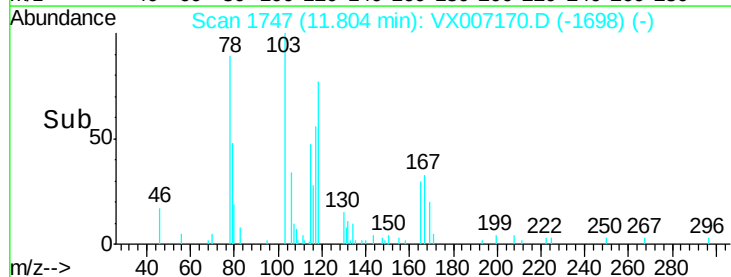
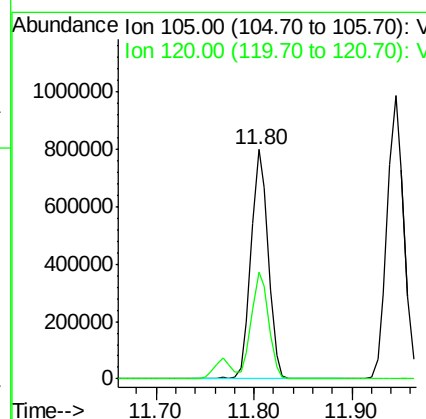
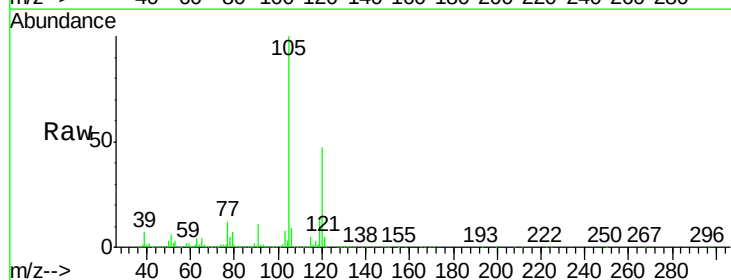
Manual Integrations  
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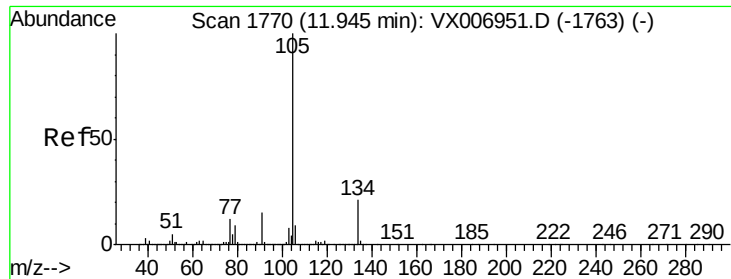
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 48.130 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: VX007170.D  
 Acq: 21 Jan 2019 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.9  | 23.2  | 69.6  |





#85

sec-Butylbenzene

Concen: 48.639 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1173235

Ion Ratio Lower Upper

105 100

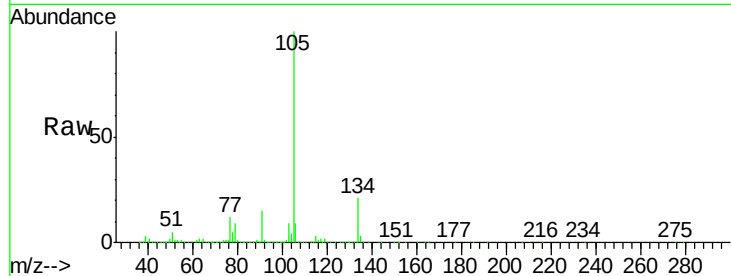
134 21.5 10.7 31.9

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

800000

600000

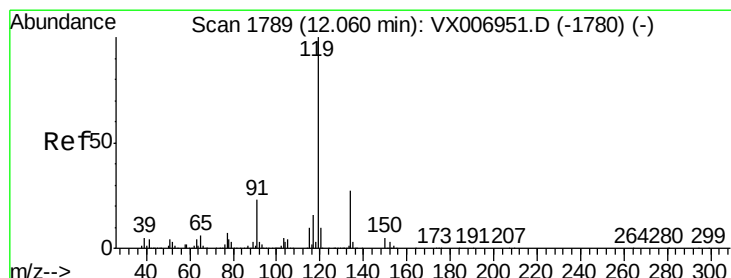
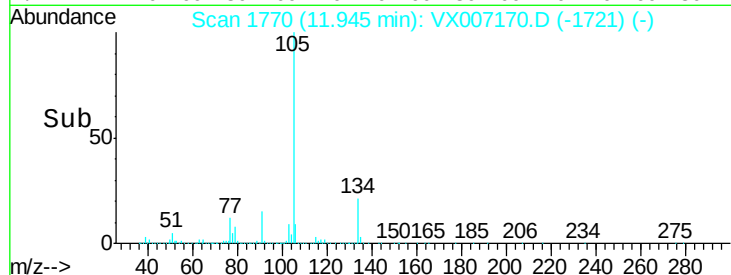
400000

200000

0

11.90 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 48.810 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

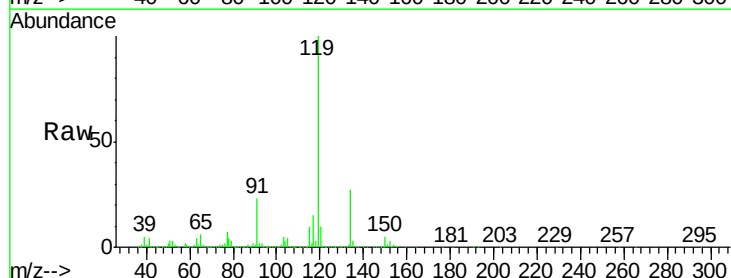
Tgt Ion:119 Resp: 1053106

Ion Ratio Lower Upper

119 100

134 27.4 14.0 41.9

91 22.5 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.06

1200000

800000

600000

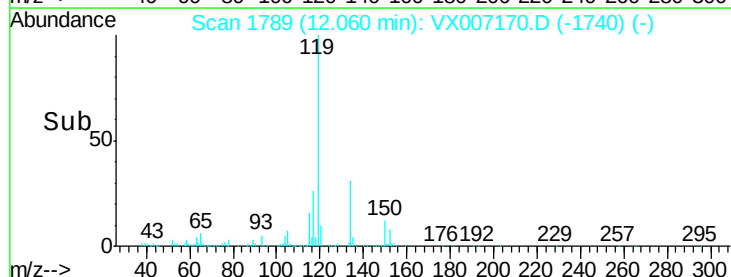
400000

200000

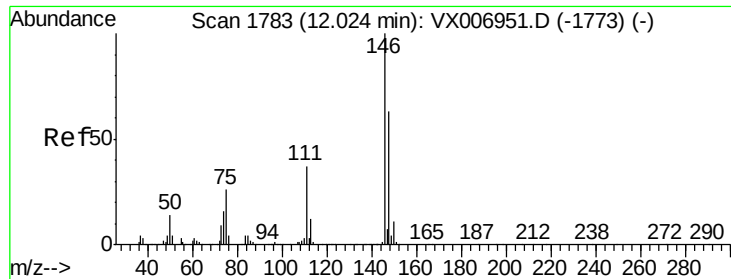
0

12.00 12.10

Time-->







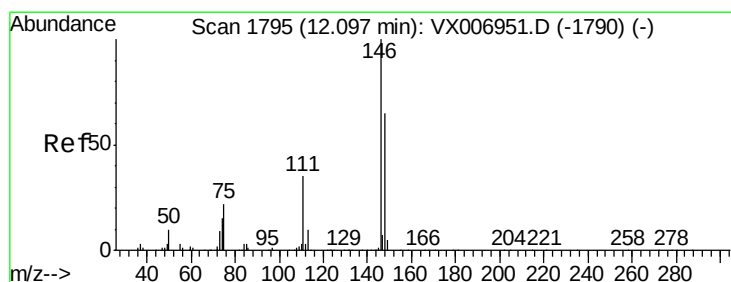
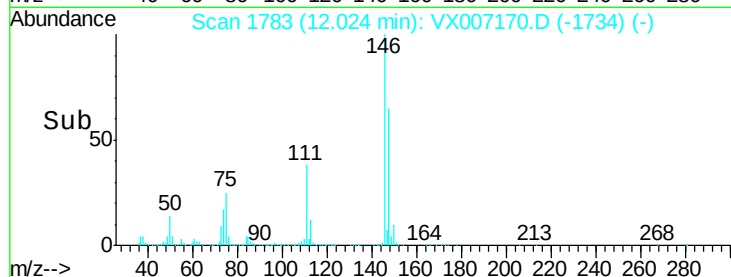
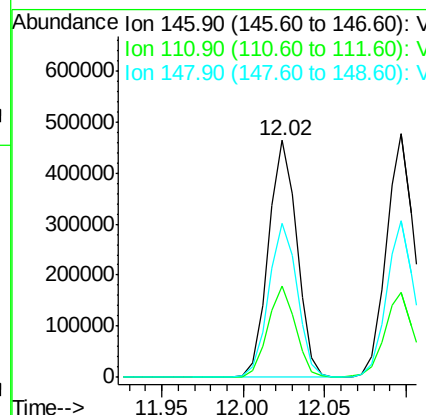
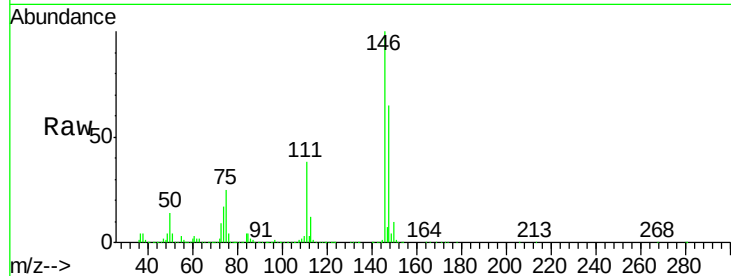
#87  
 1,3-Dichlorobenzene  
 Concen: 46.650 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: VX007170.D  
 Acq: 21 Jan 2019 20:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.5  | 18.6  | 55.8  |
| 148     | 65.1  | 31.8  | 95.3  |

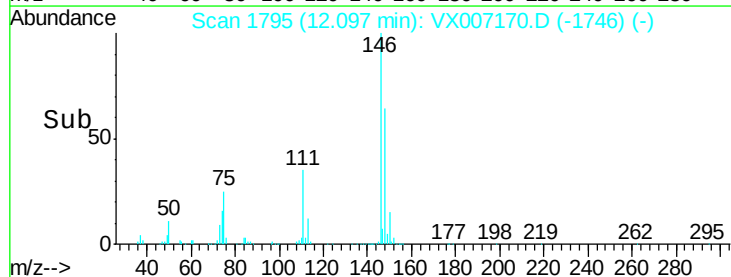
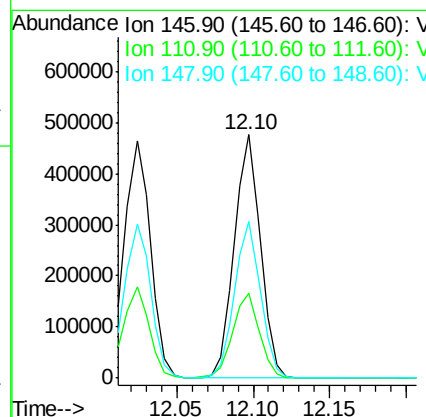
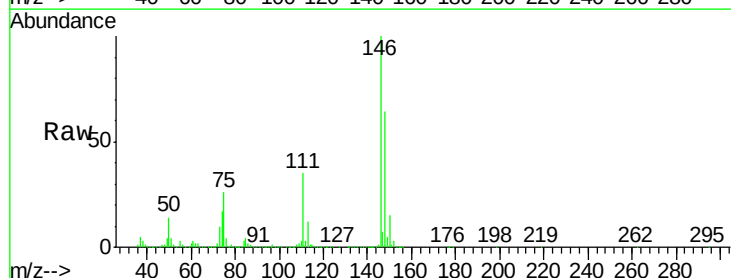
Manual Integrations  
 APPROVED

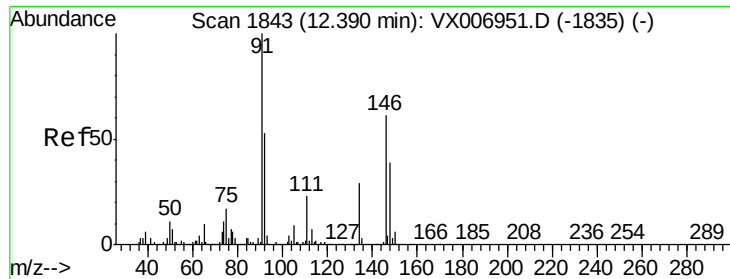
MMDadoda  
 1/22/2019 10:56:21 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 49.451 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX007170.D  
 Acq: 21 Jan 2019 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 35.8  | 18.1  | 54.1  |
| 148     | 64.0  | 31.9  | 95.9  |





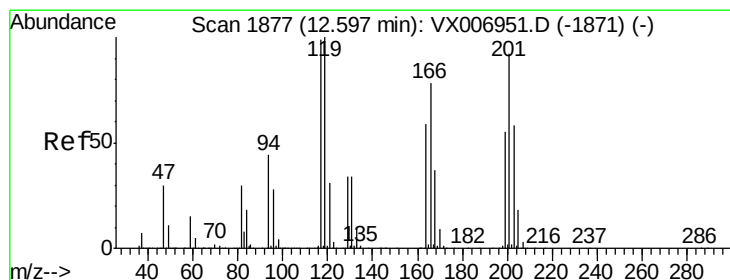
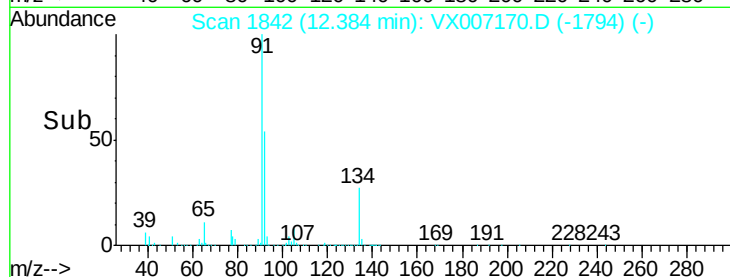
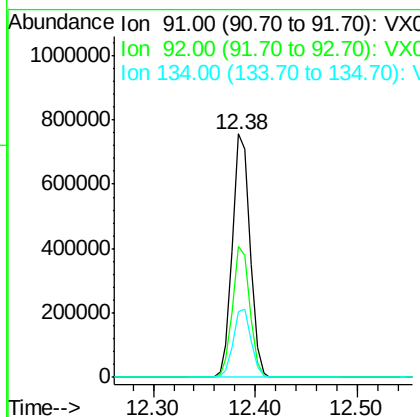
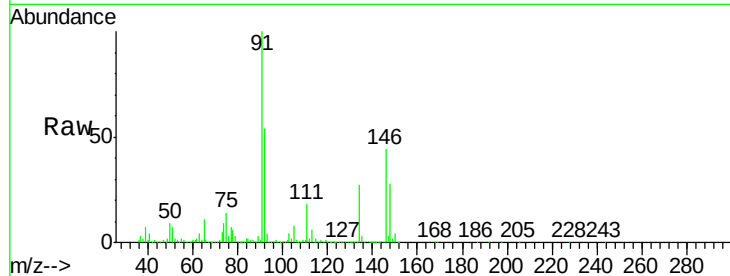
#89  
n-Butylbenzene  
Concen: 48.496 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. -0.01 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.9  | 26.8  | 80.4  |
| 134     | 28.4  | 14.4  | 43.2  |

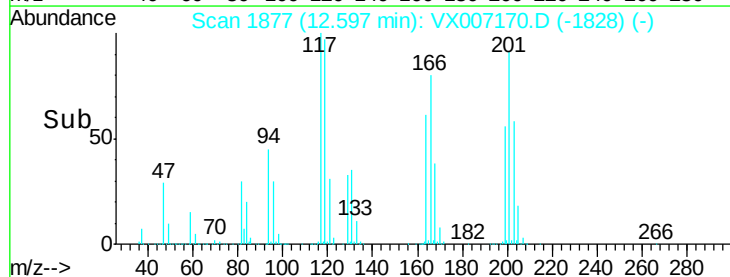
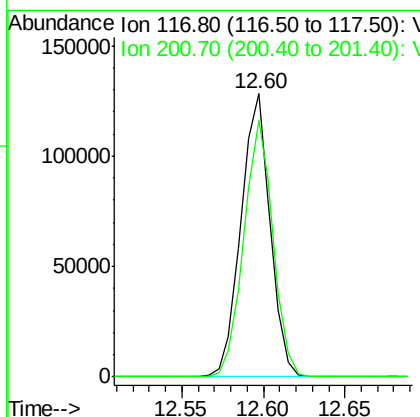
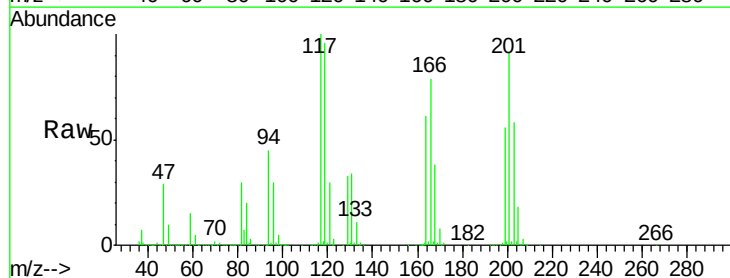
Manual Integrations  
APPROVED

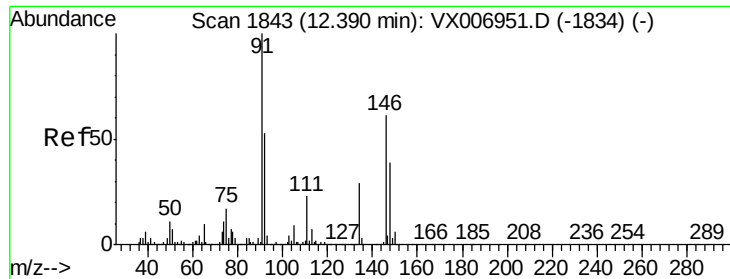
MMDadoda  
1/22/2019 10:56:21 AM



#90  
Hexachloroethane  
Concen: 46.639 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: VX007170.D  
Acq: 21 Jan 2019 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 90.7  | 42.9  | 128.7 |





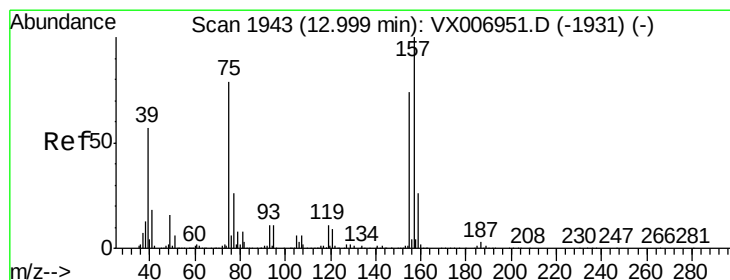
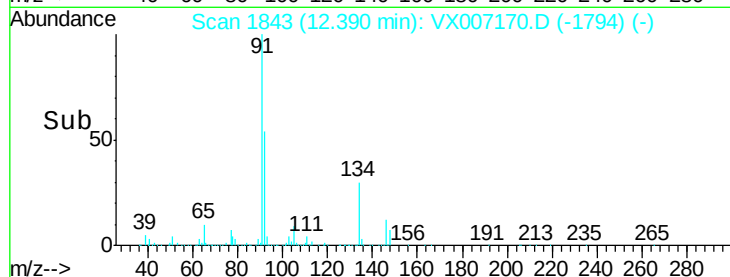
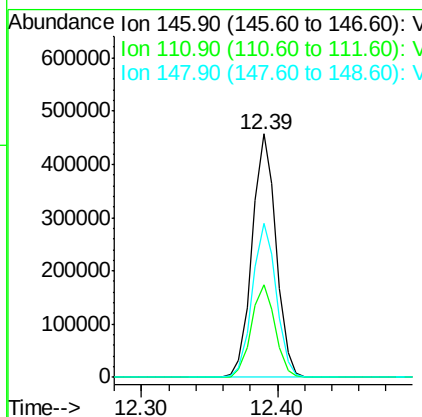
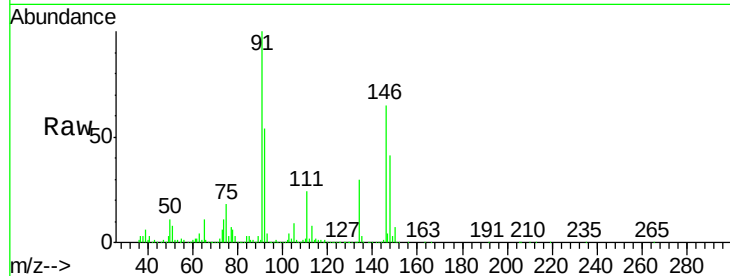
#91  
 1,2-Dichlorobenzene  
 Concen: 47.523 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. 0.00 min  
 Lab File: VX007170.D  
 Acq: 21 Jan 2019 20:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 565861 |       |       |
| 111     | 37.8  | 19.4   | 58.2  |       |
| 148     | 63.5  | 32.3   | 96.9  |       |

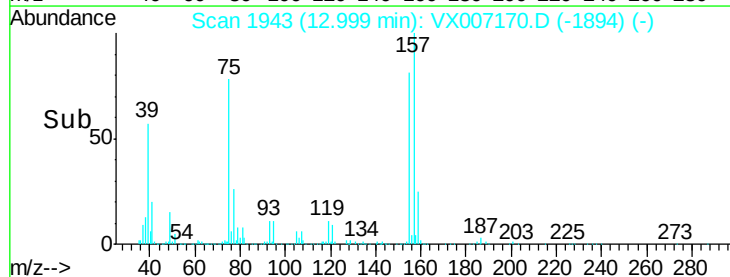
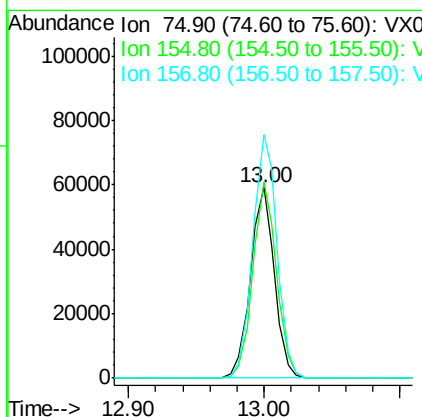
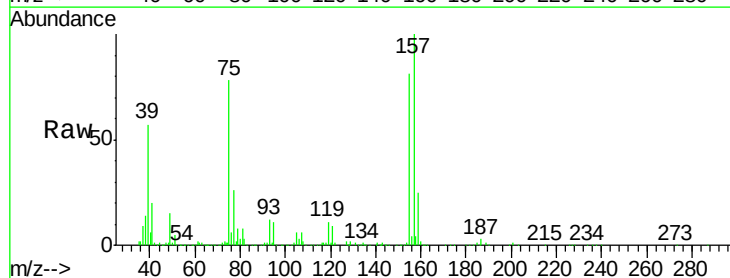
Manual Integrations  
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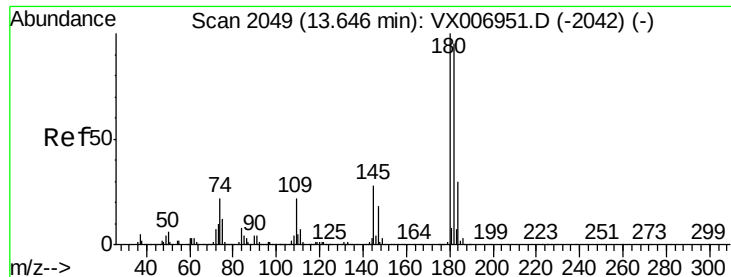
MMDadoda  
 1/22/2019 10:56:21 AM



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 48.036 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VX007170.D  
 Acq: 21 Jan 2019 20:13

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 73070 |       |       |
| 155     | 101.8 | 50.6  | 151.8 |       |
| 157     | 129.3 | 64.6  | 193.8 |       |





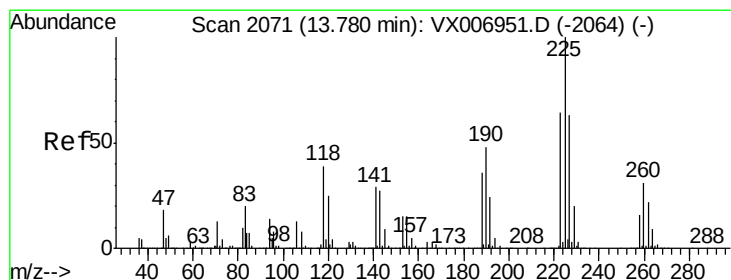
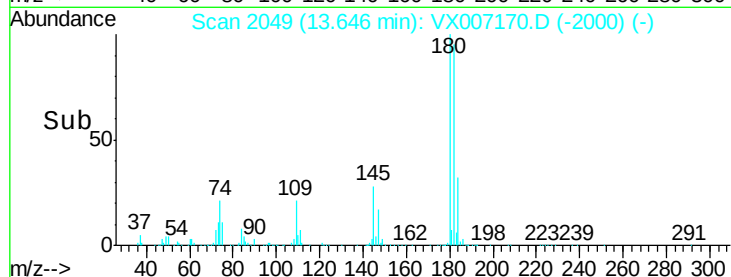
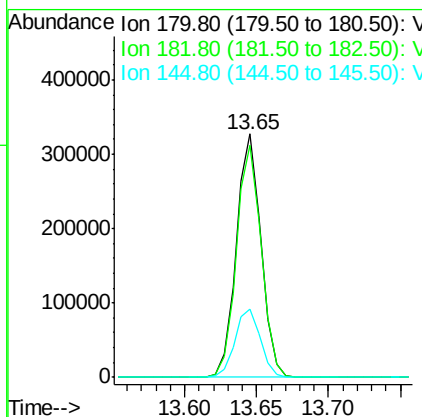
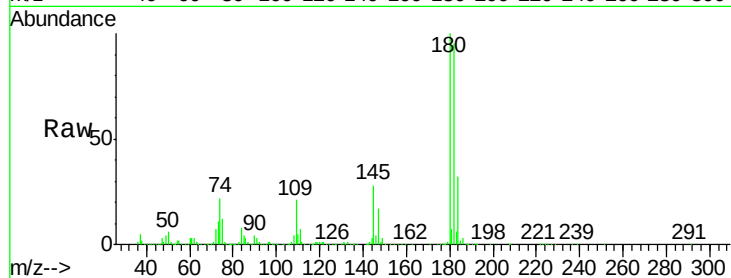
#93  
 1,2,4-Trichlorobenzene  
 Concen: 47.652 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. 0.00 min  
 Lab File: VX007170.D  
 Acq: 21 Jan 2019 20:13

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 389280 |       |       |
| 182     | 96.0  | 47.3   | 142.0 |       |
| 145     | 29.3  | 14.8   | 44.3  |       |

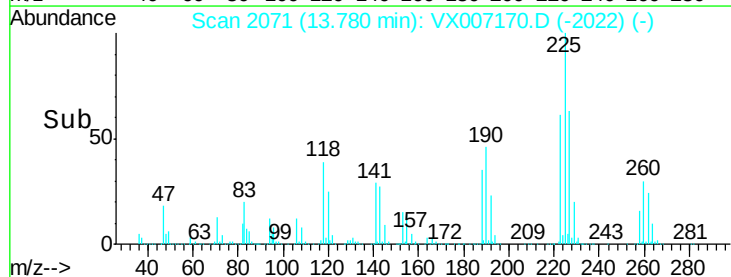
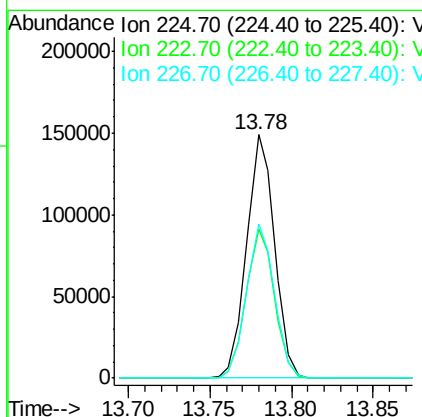
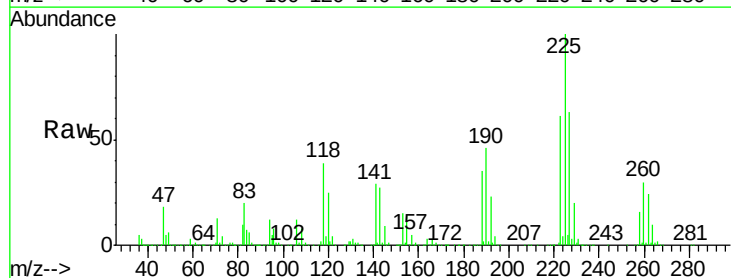
Manual Integrations  
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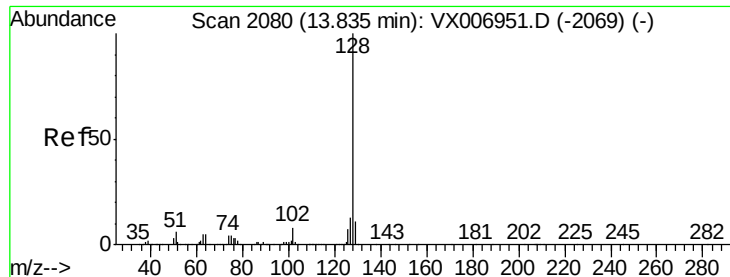
MMDadoda  
 1/22/2019 10:56:21 AM



#94  
 Hexachlorobutadiene  
 Concen: 49.331 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. 0.00 min  
 Lab File: VX007170.D  
 Acq: 21 Jan 2019 20:13

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 178833 |       |       |
| 223     | 61.9  | 32.1   | 96.3  |       |
| 227     | 63.3  | 32.3   | 96.8  |       |





#95

Naphthalene

Concen: 47.948 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1186925

Ion Ratio Lower Upper

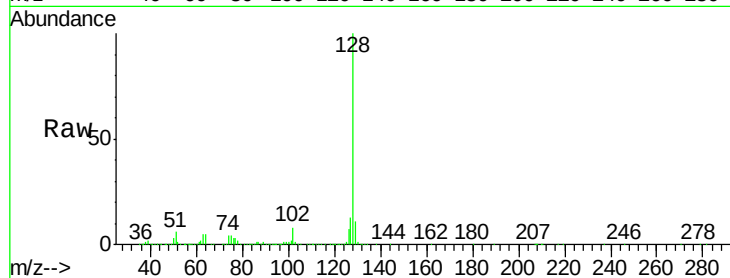
128 100

127 12.9 10.1 15.1

129 10.8 8.6 13.0

Manual Integrations  
APPROVED

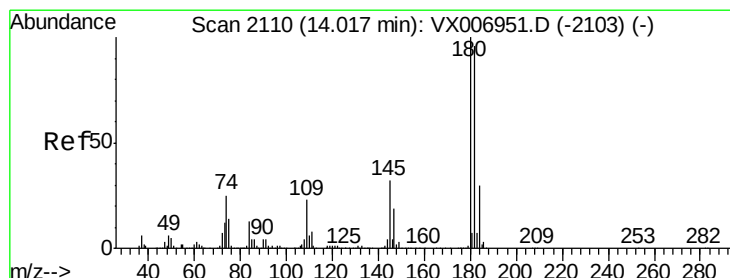
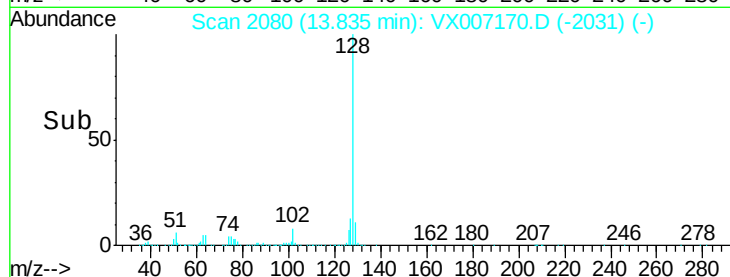
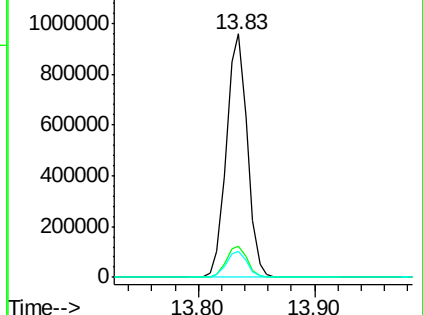
MMDadoda  
1/22/2019 10:56:21 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 47.673 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX007170.D

Acq: 21 Jan 2019 20:13

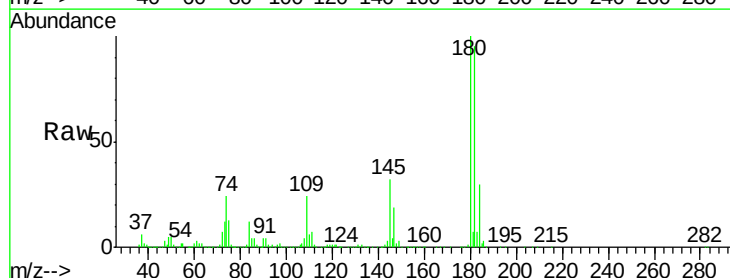
Tgt Ion:180 Resp: 386867

Ion Ratio Lower Upper

180 100

182 95.6 48.5 145.5

145 30.9 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

