

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\  
 Data File : VW004807.D  
 Acq On : 20 Aug 2018 23:28  
 Operator : SY/AP  
 Sample : VSTDCCC050  
 Misc : 5.05G/5ML/MSVOA W/SOIL  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

apatel  
 8/21/2018 11:32:49 AM

Quant Time: Aug 21 01:59:22 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W081918S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 18 01:49:53 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 648356   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 975566   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 907730   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 479424   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 317211   | 50.61 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 101.22% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 323488   | 51.88 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.76% |      |
| 50) Toluene-d8            | 10.33  | 98  | 1278443  | 52.53 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.06% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 466115   | 53.23 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 106.46% |      |

## Target Compounds

|                               |      |     |         |        |      | Qvalue |
|-------------------------------|------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85  | 199934  | 46.55  | ug/l | 99     |
| 3) Chloromethane              | 2.22 | 50  | 266711  | 47.50  | ug/l | 100    |
| 4) Vinyl Chloride             | 2.37 | 62  | 444403  | 53.77  | ug/l | 100    |
| 5) Bromomethane               | 2.78 | 94  | 275835  | 54.04  | ug/l | 99     |
| 6) Chloroethane               | 2.93 | 64  | 273964  | 54.93  | ug/l | 96     |
| 7) Trichlorofluoromethane     | 3.26 | 101 | 230735  | 59.26  | ug/l | 97     |
| 8) Diethyl Ether              | 3.68 | 74  | 194595  | 55.27  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 358676  | 53.49  | ug/l | 100    |
| 10) Methyl Iodide             | 4.27 | 142 | 563231  | 55.31  | ug/l | 99     |
| 11) Tert butyl alcohol        | 5.22 | 59  | 103522  | 295.61 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 346799  | 51.90  | ug/l | 99     |
| 13) Acrolein                  | 3.90 | 56  | 163001  | 346.85 | ug/l | 98     |
| 14) Allyl chloride            | 4.67 | 41  | 555352  | 54.77  | ug/l | 99     |
| 15) Acrylonitrile             | 5.38 | 53  | 411331  | 278.60 | ug/l | 99     |
| 16) Acetone                   | 4.14 | 43  | 416223  | 260.12 | ug/l | 100    |
| 17) Carbon Disulfide          | 4.38 | 76  | 1164191 | 53.02  | ug/l | 100    |
| 18) Methyl Acetate            | 4.68 | 43  | 198605  | 57.92  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 504970  | 58.22  | ug/l | 97     |
| 20) Methylene Chloride        | 4.91 | 84  | 424733  | 58.90  | ug/l | 97     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96  | 383431  | 53.94  | ug/l | 99     |
| 22) Diisopropyl ether         | 6.31 | 45  | 1145260 | 58.76  | ug/l | 99     |
| 23) Vinyl Acetate             | 6.26 | 43  | 3176215 | 288.13 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 687501  | 54.28  | ug/l | 99     |
| 25) 2-Butanone                | 7.18 | 43  | 633754  | 277.97 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 380042  | 51.95  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 420640  | 54.96  | ug/l | 99     |
| 28) Bromochloromethane        | 7.51 | 49  | 292398  | 54.83  | ug/l | 98     |
| 29) Tetrahydrofuran           | 7.54 | 42  | 335468  | 288.56 | ug/l | 99     |
| 30) Chloroform                | 7.68 | 83  | 673952  | 54.11  | ug/l | 99     |
| 31) Cyclohexane               | 7.96 | 56  | 638021  | 52.08  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 7.88 | 97  | 538268  | 54.52  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 8.09 | 75  | 535946  | 53.33  | ug/l | 100    |
| 37) Ethyl Acetate             | 7.26 | 43  | 225796  | 56.36  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 494479  | 53.45  | ug/l | 98     |

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 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
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apatel  
 8/21/2018 11:32:49 AM

Quant Time: Aug 21 01:59:22 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W081918S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 18 01:49:53 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 697435   | 55.49   | ug/l   | 97       |
| 40) Benzene                    | 8.33  | 78   | 1579176  | 54.07   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.49  | 41   | 126293   | 55.55   | ug/l   | 94       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 406436   | 54.27   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.43  | 43   | 410500   | 57.04   | ug/l   | 99       |
| 44) Trichloroethene            | 9.10  | 130  | 393296   | 53.05   | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 390576   | 54.67   | ug/l   | 99       |
| 46) Dibromomethane             | 9.46  | 93   | 191630   | 54.14   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.65  | 83   | 462859   | 54.76   | ug/l   | 100      |
| 48) Methyl methacrylate        | 9.44  | 41   | 196073   | 58.07   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.48  | 88   | 64389    | 1245.18 | ug/l # | 85       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 1423946  | 292.78  | ug/l   | 100      |
| 52) Toluene                    | 10.39 | 92   | 966461   | 55.17   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 472621   | 55.50   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.08 | 75   | 563413   | 55.49   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 278210   | 55.30   | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 354468   | 53.70   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 482315   | 55.54   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 795761   | 286.40  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.98 | 43   | 970133   | 294.40  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.13 | 129  | 314557   | 55.73   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 266855   | 55.49   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.87 | 164  | 347312   | 55.99   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.66 | 112  | 1060461  | 54.28   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 364816   | 55.30   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.74 | 91   | 1864980  | 56.31   | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.85 | 106  | 1458099  | 113.15  | ug/l   | 100      |
| 69) o-Xylene                   | 12.17 | 106  | 686569   | 57.55   | ug/l   | 98       |
| 70) Styrene                    | 12.19 | 104  | 1159085  | 57.84   | ug/l   | 100      |
| 71) Bromoform                  | 12.35 | 173  | 193773   | 55.65   | ug/l   | 100      |
| 73) Isopropylbenzene           | 12.47 | 105  | 1887480  | 57.87   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.28 | 43   | 405679   | 52.86   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 340218   | 56.31   | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 218397m  | 51.68   | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 439657   | 55.69   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.81 | 91   | 2288613  | 57.50   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 1304727  | 56.87   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.95 | 105  | 1608068  | 58.03   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 101324   | 55.72   | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 1365219  | 56.01   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.21 | 119  | 1378899  | 58.18   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 1645815  | 57.73   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.39 | 105  | 2020858  | 57.11   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 1778830  | 57.78   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 887886   | 55.29   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.59 | 146  | 874920   | 54.51   | ug/l   | 100      |
| 89) n-Butylbenzene             | 13.83 | 91   | 1692992  | 56.87   | ug/l   | 100      |
| 90) Hexachloroethane           | 14.10 | 117  | 309918   | 55.22   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.88 | 146  | 803685   | 55.72   | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 53180    | 56.32   | ug/l   | 98       |

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Sample : VSTDCCC050  
Misc : 5.05G/5ML/MSVOA W/SOIL  
ALS Vial : 28 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
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Manual Integrations  
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apatel  
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Quant Title : SW846 8260  
QLast Update : Sat Aug 18 01:49:53 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.15 | 180  | 578400   | 56.70 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 348293   | 55.62 | ug/l  | 99       |
| 95) Naphthalene            | 15.38 | 128  | 1058128  | 53.28 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180  | 515709   | 57.01 | ug/l  | 99       |

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

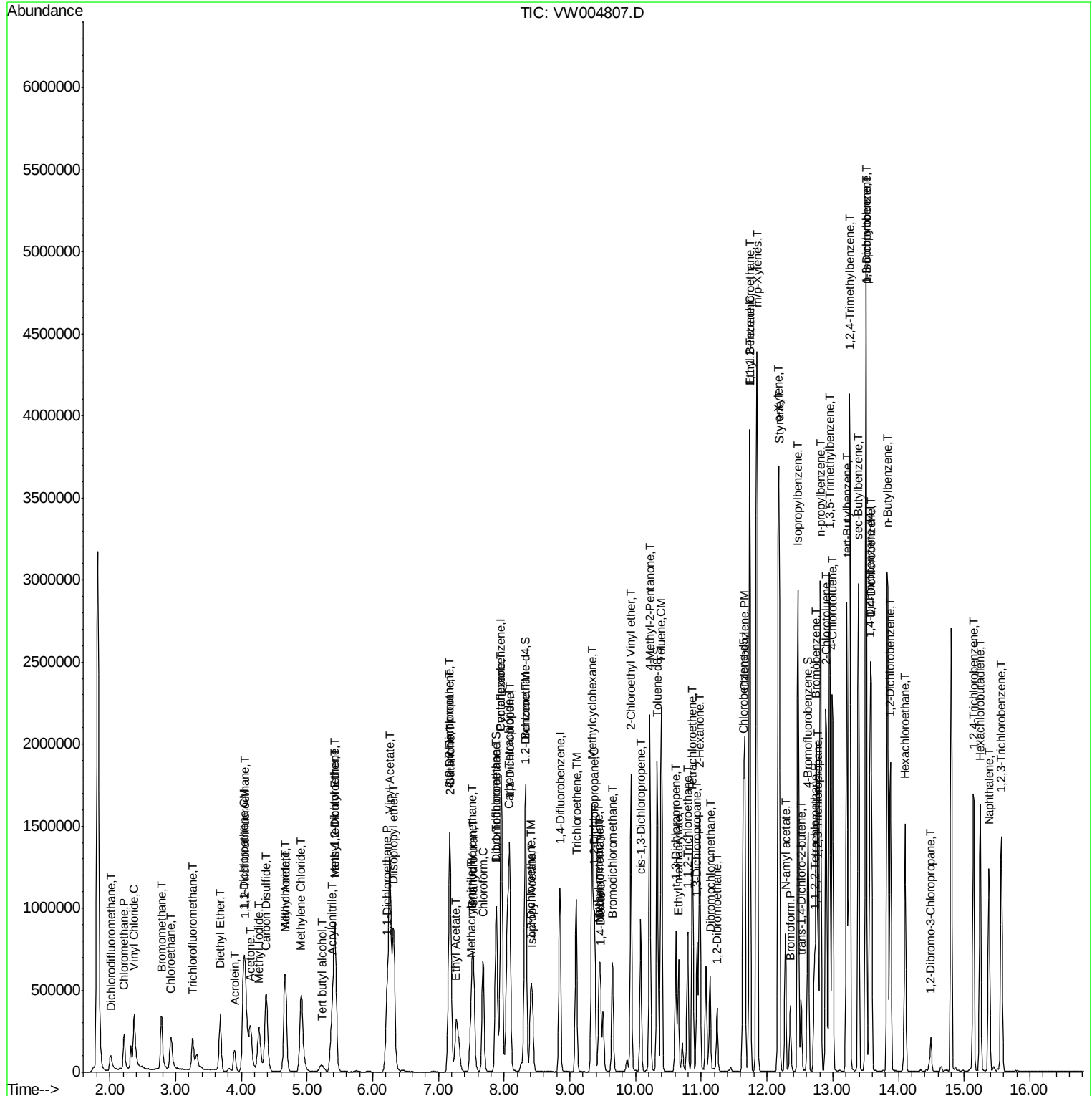
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082018\  
Data File : VW004807.D  
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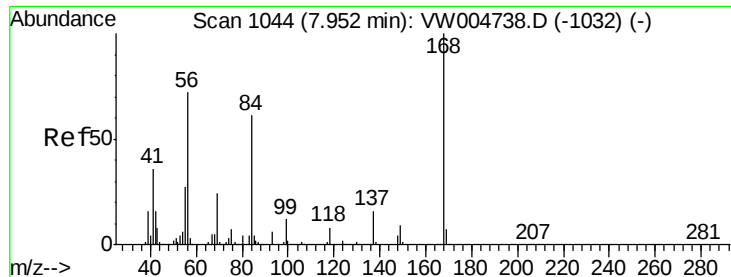
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 648356

Ion Ratio Lower Upper

168 100

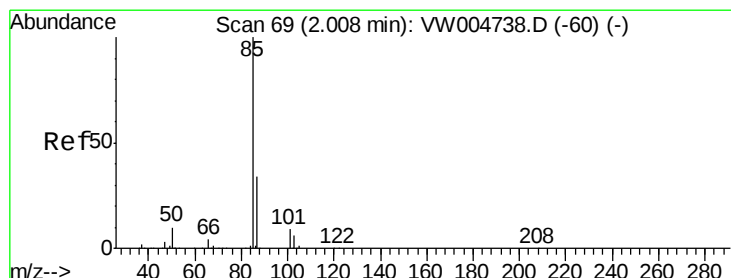
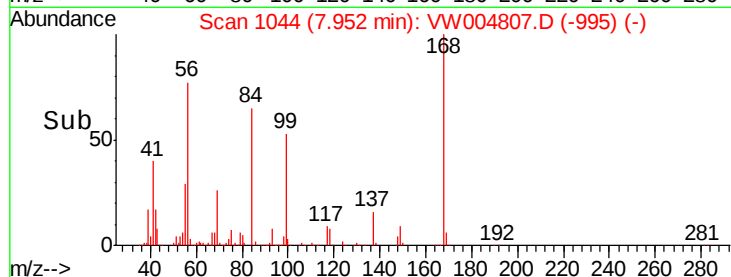
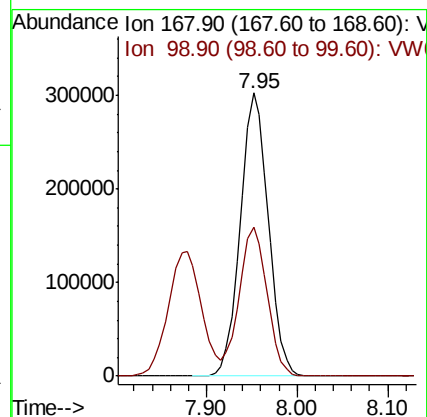
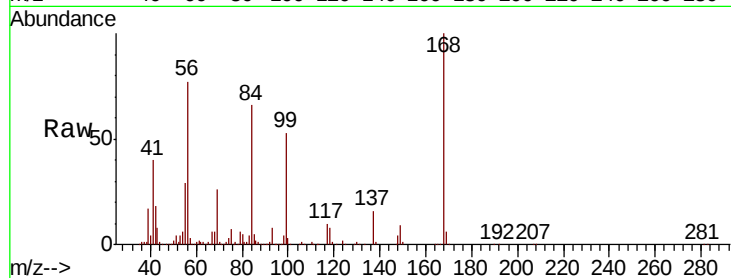
99 52.5 41.0 61.4

Manual Integrations

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8/21/2018 11:32:49 AM



#2

Dichlorodifluoromethane

Concen: 46.55 ug/l

RT: 2.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VW004807.D

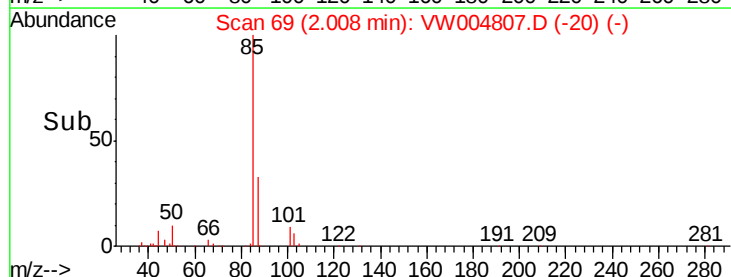
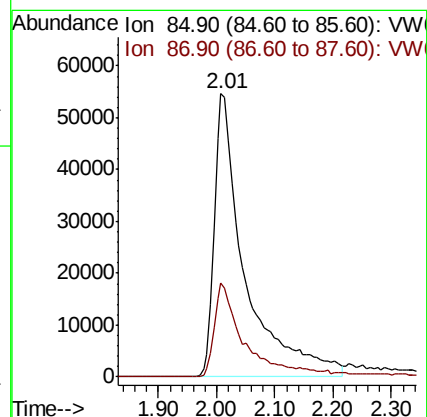
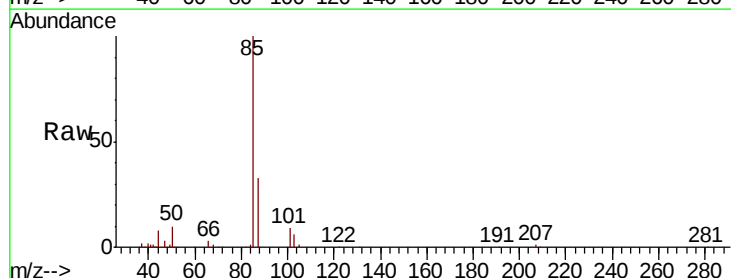
Acq: 20 Aug 2018 23:28

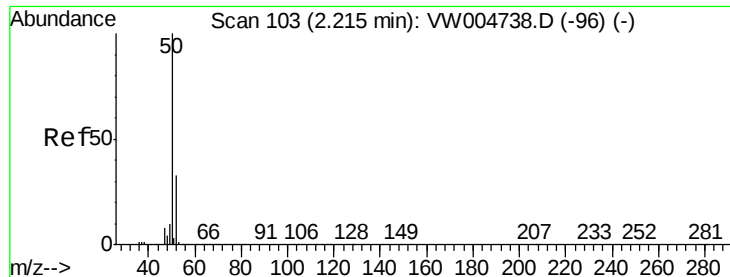
Tgt Ion: 85 Resp: 199934

Ion Ratio Lower Upper

85 100

87 33.1 16.8 50.4





#3

Chloromethane

Concen: 47.50 ug/l

RT: 2.22 min Scan# 103

Delta R.T. -0.00 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 266711

Ion Ratio Lower Upper

50 100

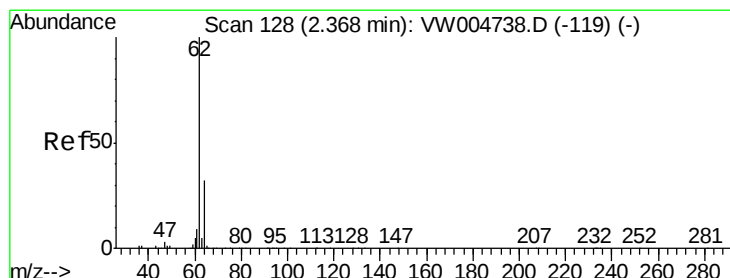
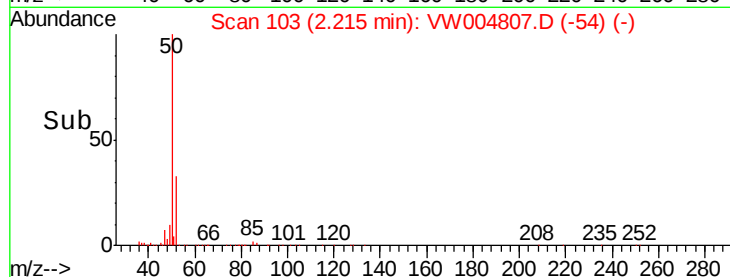
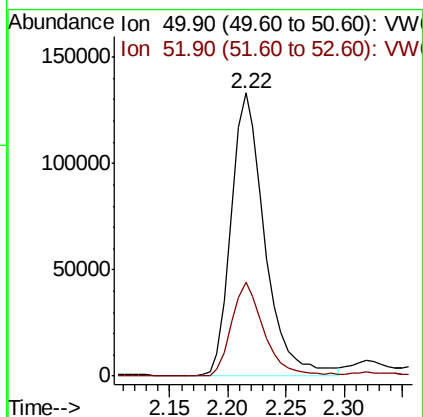
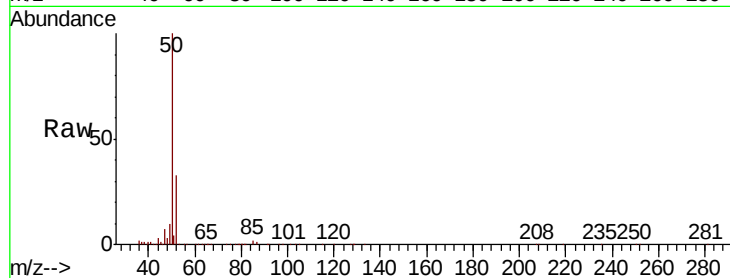
52 33.4 26.7 40.1

Manual Integrations

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8/21/2018 11:32:49 AM



#4

Vinyl Chloride

Concen: 53.77 ug/l

RT: 2.37 min Scan# 128

Delta R.T. -0.00 min

Lab File: VW004807.D

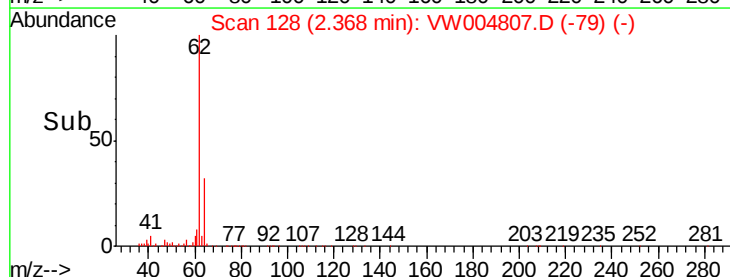
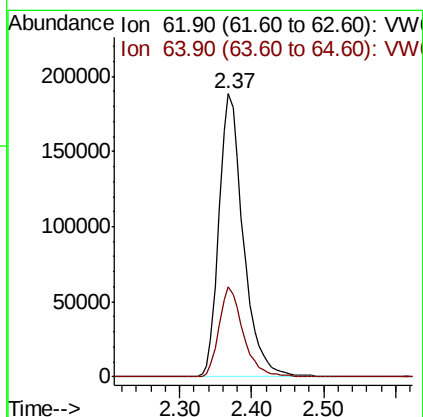
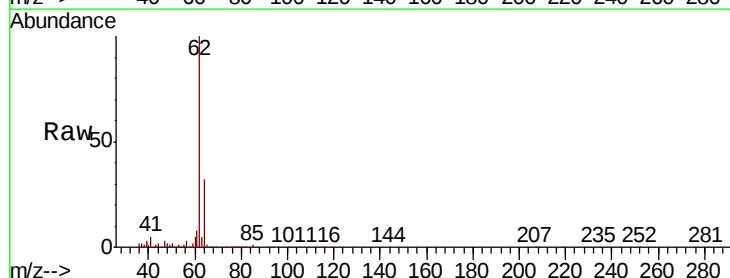
Acq: 20 Aug 2018 23:28

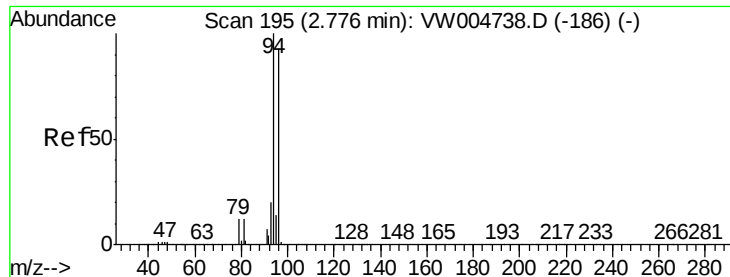
Tgt Ion: 62 Resp: 444403

Ion Ratio Lower Upper

62 100

64 31.6 25.2 37.8





#5

Bromomethane

Concen: 54.04 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

Instrument :

MSVOA\_W

ClientSampled :

VSTDCCC050

Tot Ion: 94 Resp: 275835

Ion Ratio Lower Upper

94 100

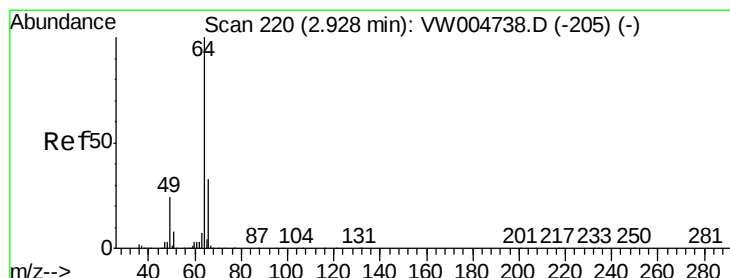
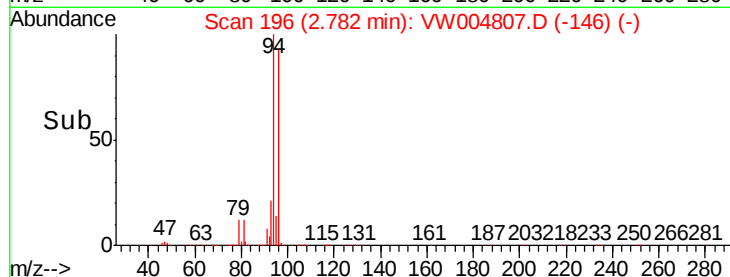
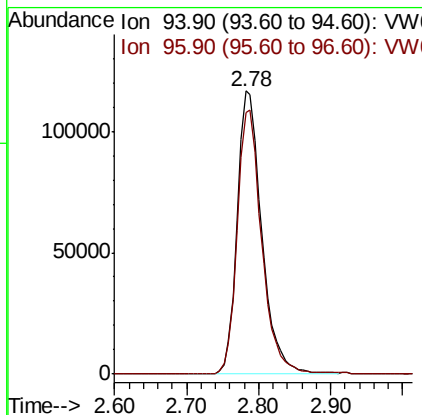
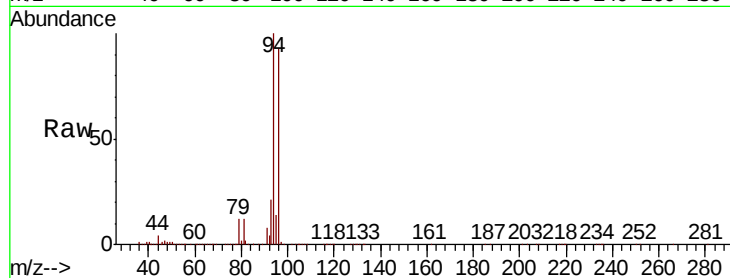
96 92.4 74.3 111.5

Manual Integrations

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8/21/2018 11:32:49 AM



#6

Chloroethane

Concen: 54.93 ug/l

RT: 2.93 min Scan# 220

Delta R.T. -0.00 min

Lab File: VW004807.D

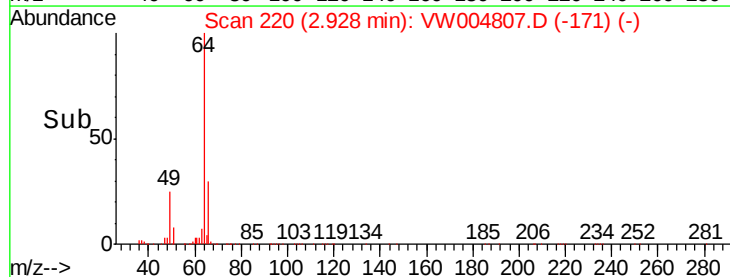
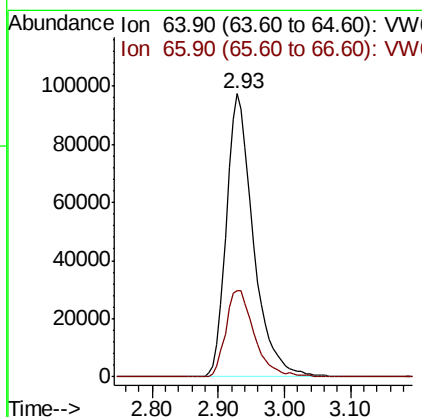
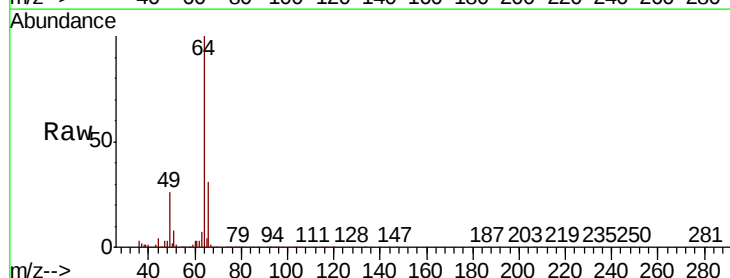
Acq: 20 Aug 2018 23:28

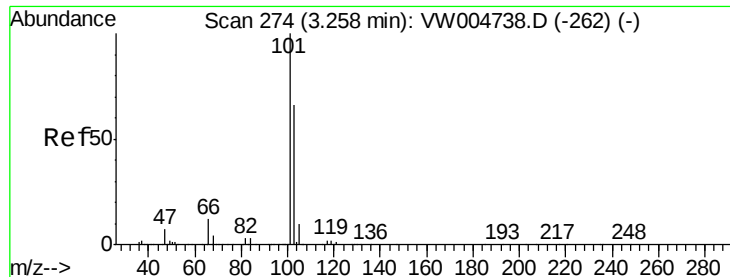
Tgt Ion: 64 Resp: 273964

Ion Ratio Lower Upper

64 100

66 30.4 26.1 39.1





#7

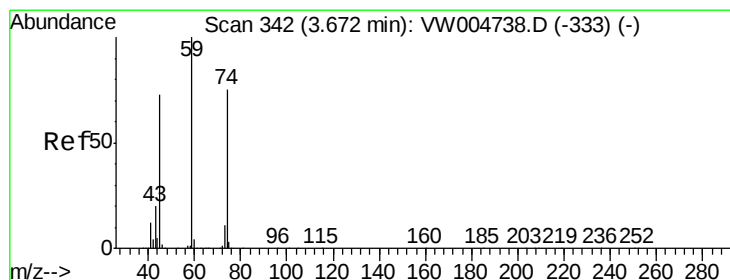
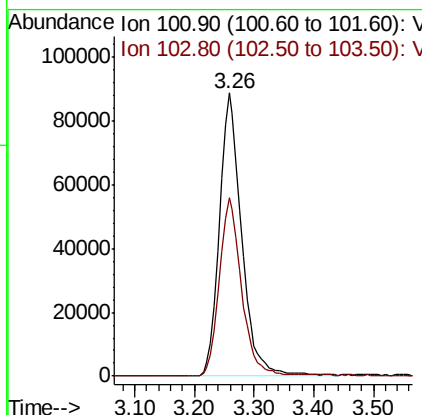
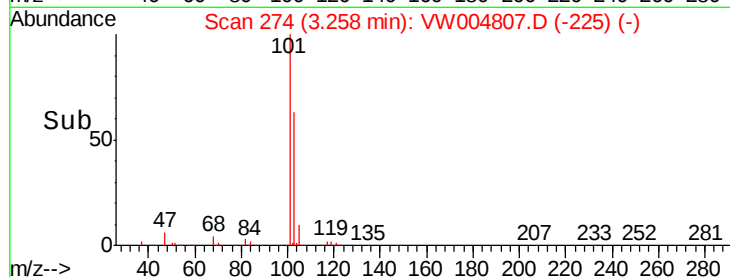
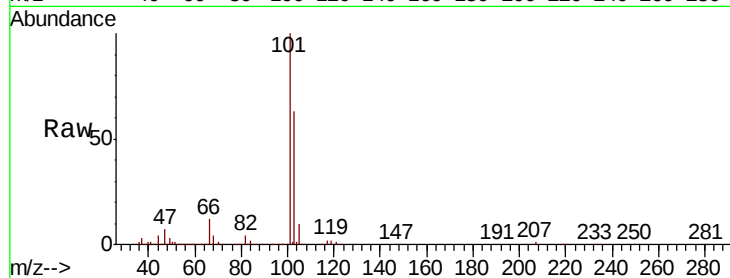
Trichlorofluoromethane  
 Concen: 59.26 ug/l  
 RT: 3.26 min Scan# 274  
 Delta R.T. -0.00 min  
 Lab File: VW004807.D  
 Acq: 20 Aug 2018 23:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 101     | 100  |       | 230735 |       |       |
| 103     | 63.1 | 52.5  | 78.7   |       |       |

Manual Integrations  
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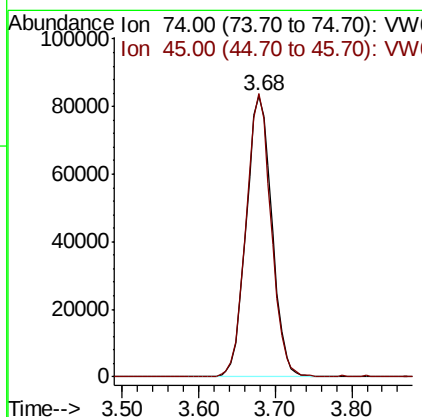
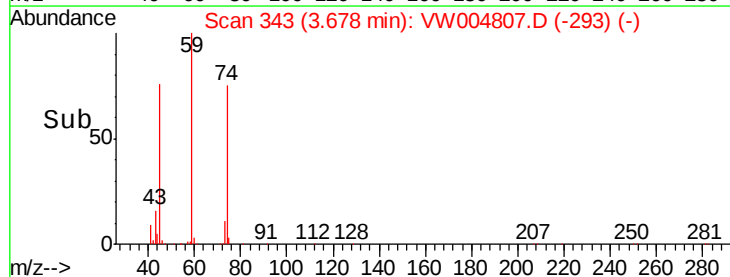
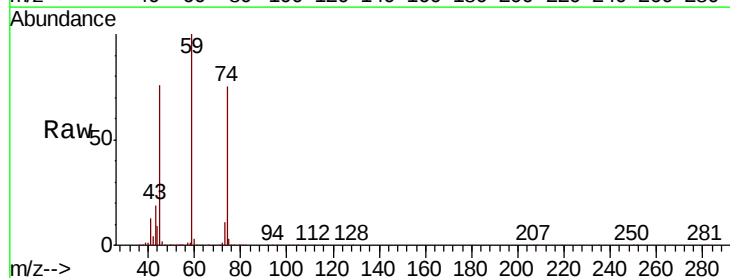
apatel  
 8/21/2018 11:32:49 AM

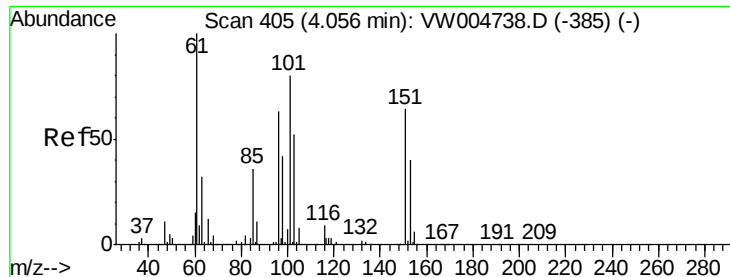


#8

Diethyl Ether  
 Concen: 55.27 ug/l  
 RT: 3.68 min Scan# 343  
 Delta R.T. 0.01 min  
 Lab File: VW004807.D  
 Acq: 20 Aug 2018 23:28

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 74      | 100  |       | 194595 |       |       |
| 45      | 97.4 | 49.8  | 149.3  |       |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.49 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

Instrument :

MSVOA\_W

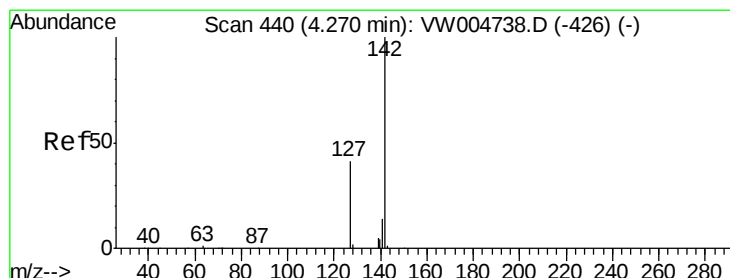
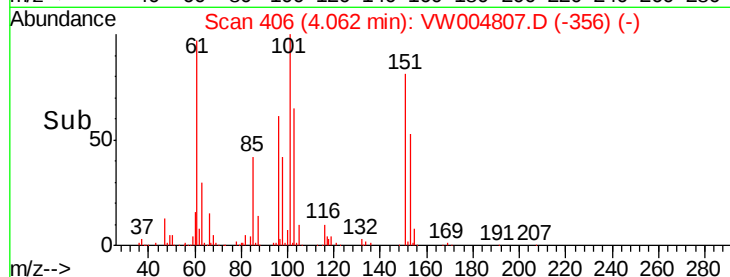
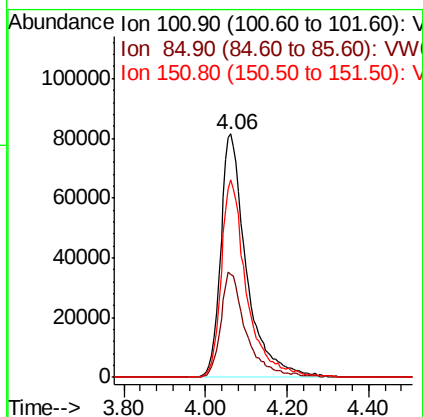
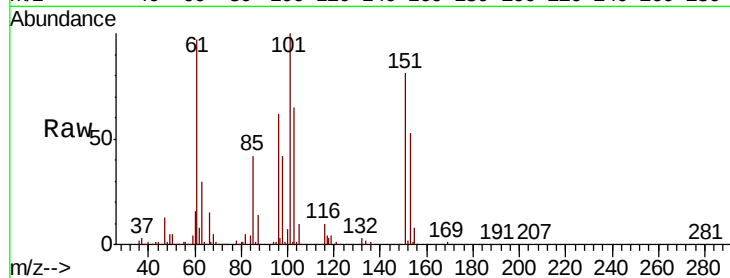
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 358676 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 42.6  | 33.9  | 50.9   |
| 151       | 79.5  | 63.4  | 95.2   |

Manual Integrations  
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#10

Methyl Iodide

Concen: 55.31 ug/l

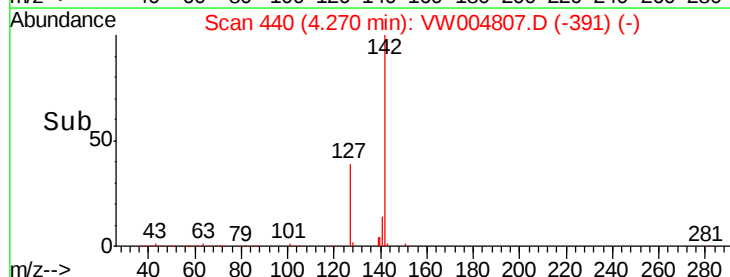
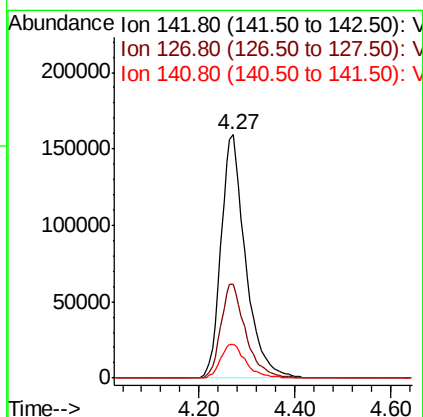
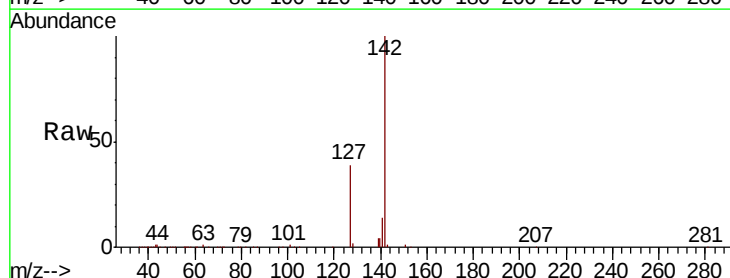
RT: 4.27 min Scan# 440

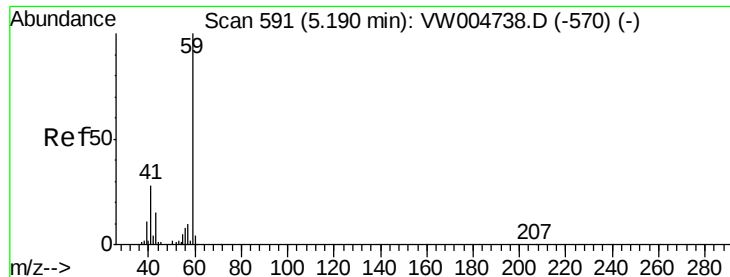
Delta R.T. 0.00 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 563231 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 39.3  | 32.1  | 48.1   |
| 141       | 14.4  | 11.7  | 17.5   |





#11

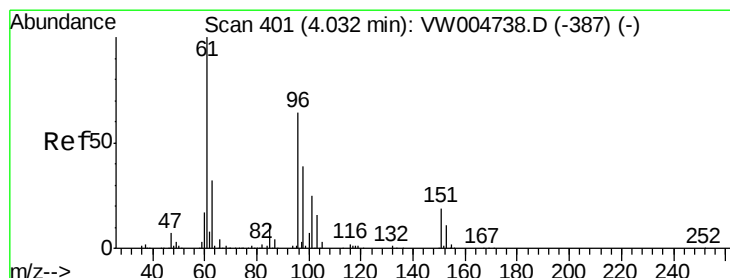
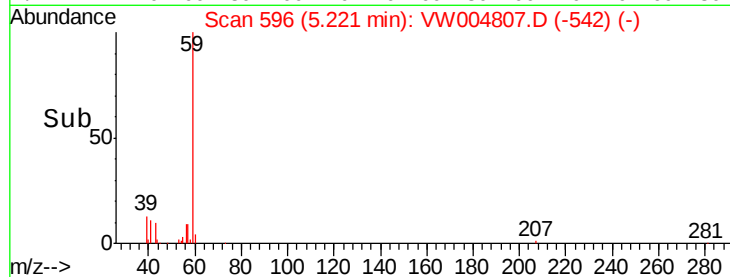
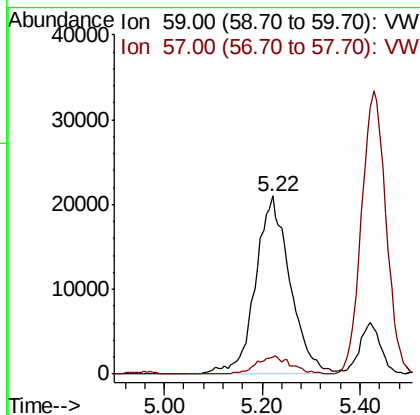
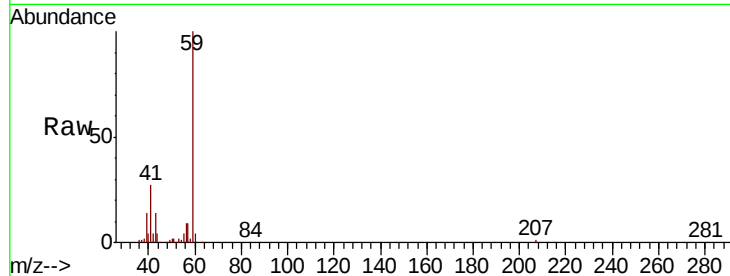
Tert butyl alcohol  
 Concen: 295.61 ug/l  
 RT: 5.22 min Scan# 596  
 Delta R.T. 0.03 min  
 Lab File: VW004807.D  
 Acq: 20 Aug 2018 23:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.3  | 8.4   | 12.6  |

Manual Integrations  
 APPROVED

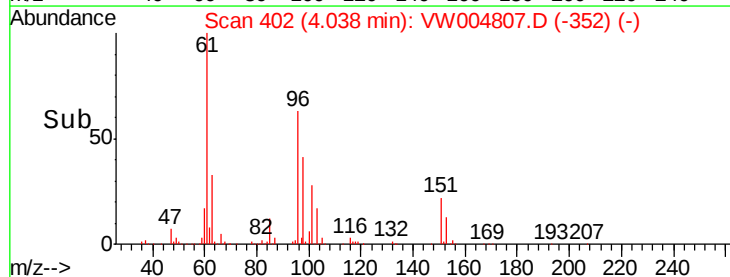
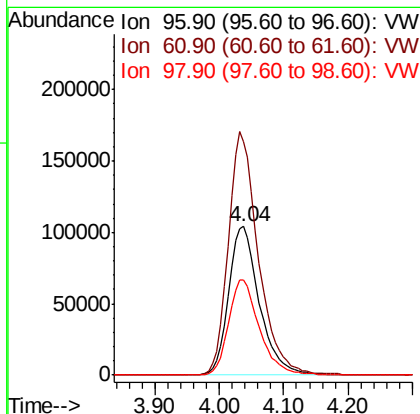
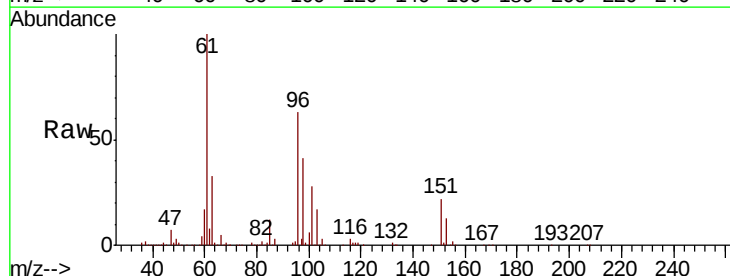
apatel  
 8/21/2018 11:32:49 AM

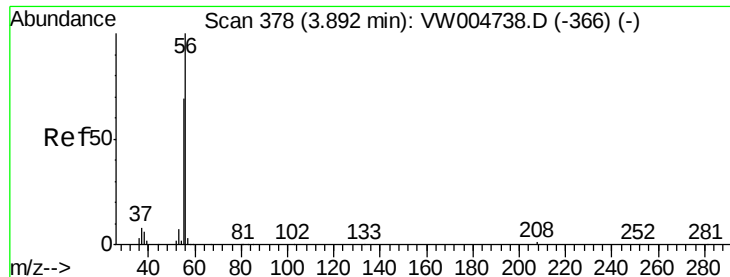


#12

1,1-Dichloroethene  
 Concen: 51.90 ug/l  
 RT: 4.04 min Scan# 402  
 Delta R.T. 0.01 min  
 Lab File: VW004807.D  
 Acq: 20 Aug 2018 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 157.6 | 125.6 | 188.4 |
| 98      | 63.9  | 49.4  | 74.0  |





#13

Acrolein

Concen: 346.85 ug/l

RT: 3.90 min Scan# 379

Delta R.T. 0.01 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 163001

Ion Ratio Lower Upper

56 100

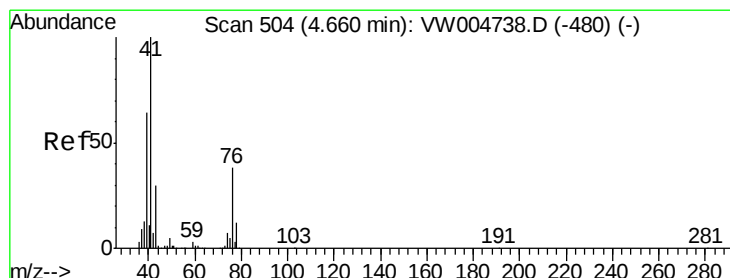
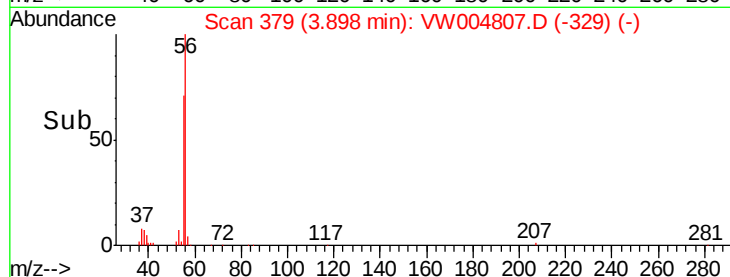
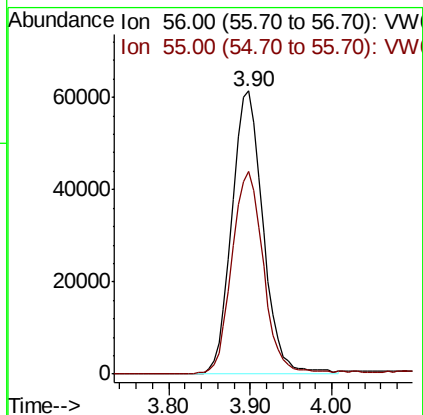
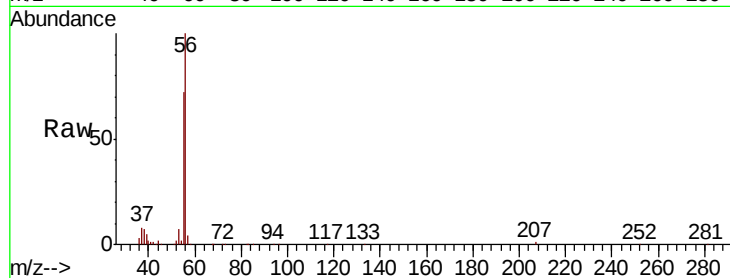
55 71.4 56.1 84.1

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#14

Allyl chloride

Concen: 54.77 ug/l

RT: 4.67 min Scan# 505

Delta R.T. 0.01 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

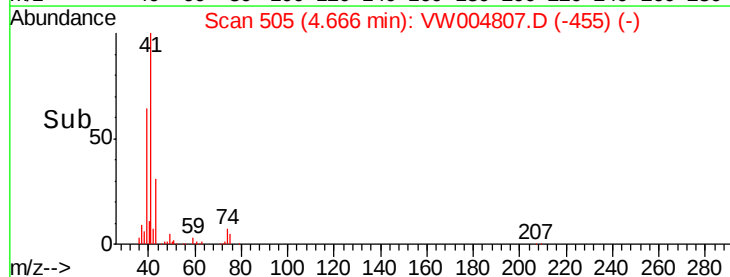
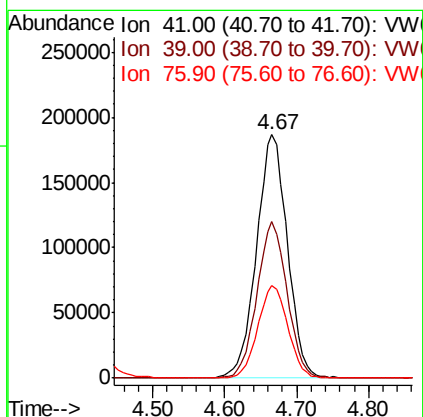
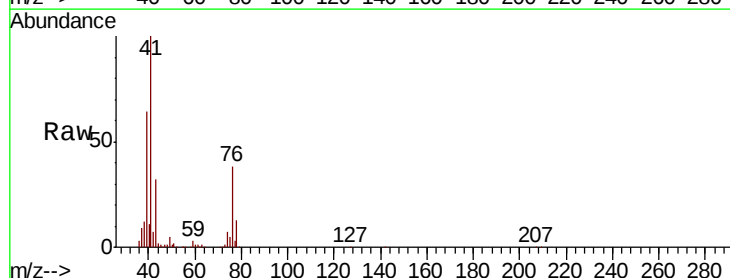
Tgt Ion: 41 Resp: 555352

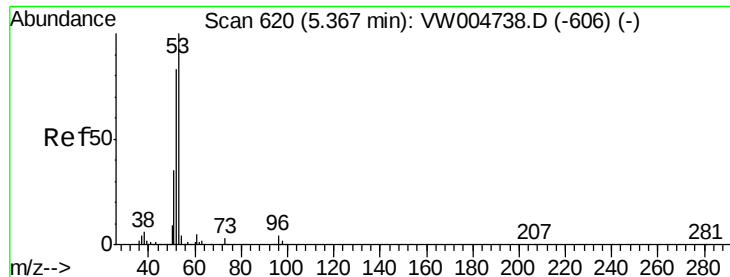
Ion Ratio Lower Upper

41 100

39 63.0 50.0 75.0

76 36.7 29.8 44.6





#15

Acrylonitrile

Concen: 278.60 ug/l

RT: 5.38 min Scan# 622

Delta R.T. 0.01 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

Instrument :

MSVOA\_W

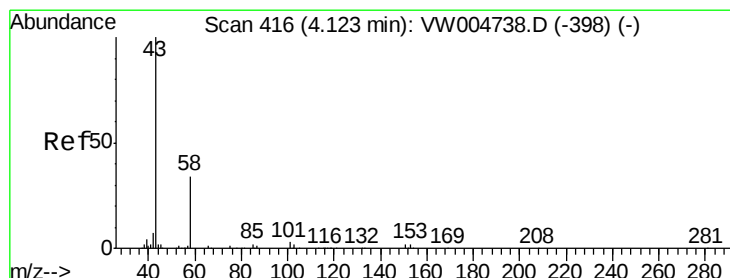
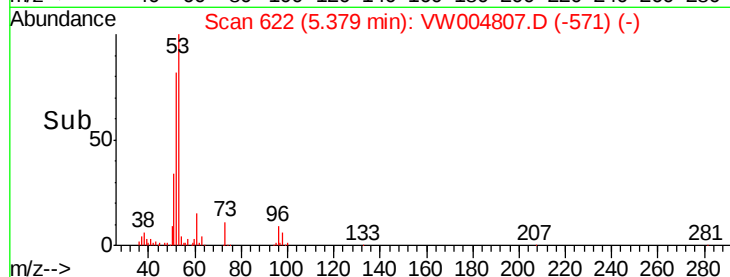
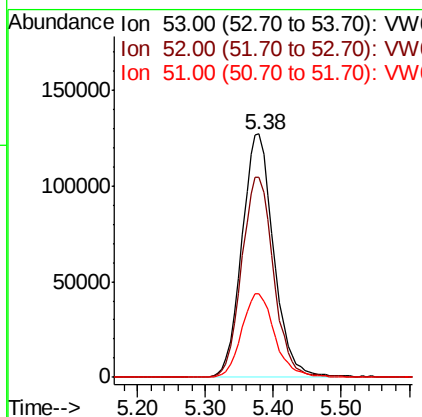
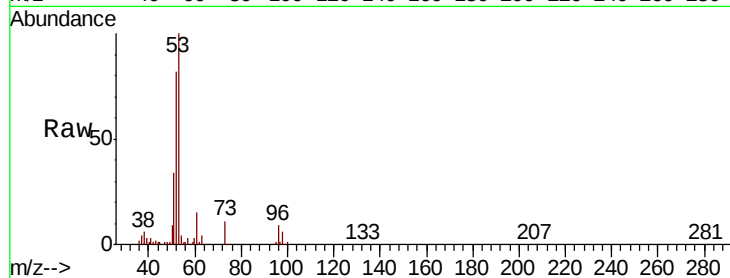
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 411331 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 83.0  | 65.8  | 98.6   |
| 51        | 35.9  | 28.7  | 43.1   |

Manual Integrations  
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#16

Acetone

Concen: 260.12 ug/l

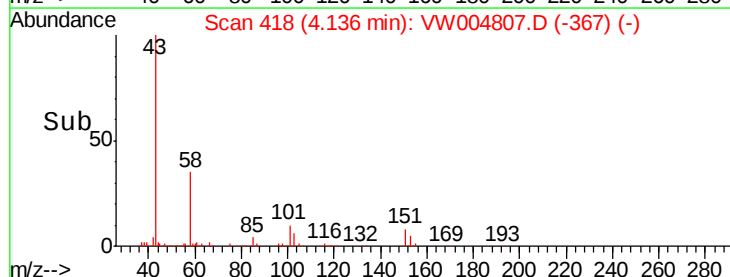
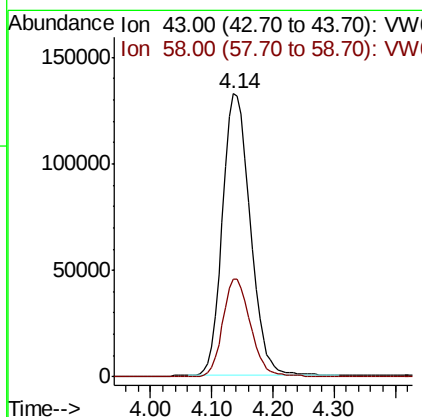
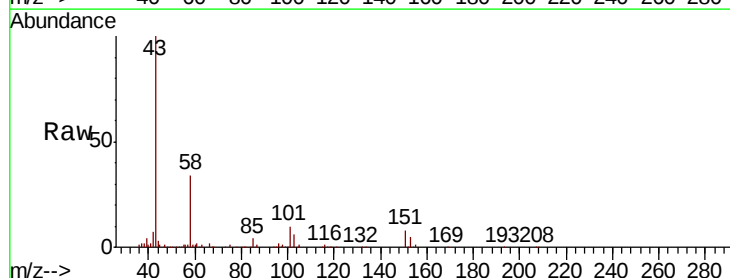
RT: 4.14 min Scan# 418

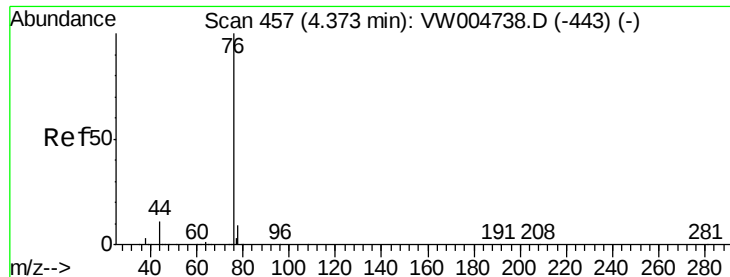
Delta R.T. 0.01 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 416223 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 34.3  | 27.3  | 40.9   |





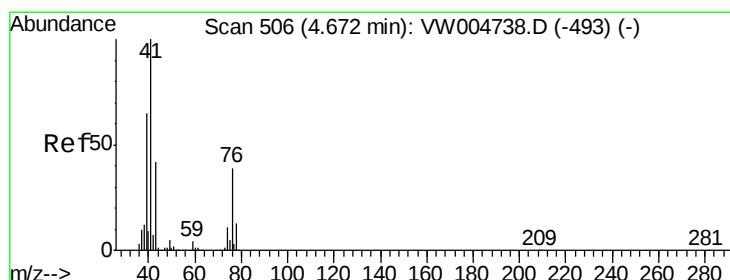
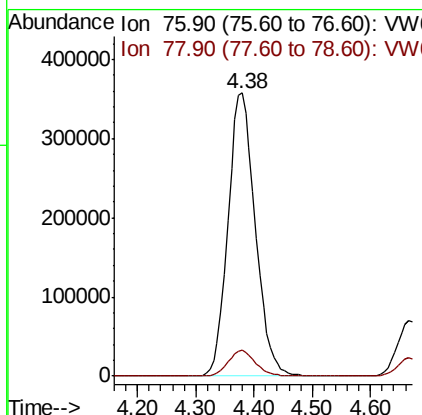
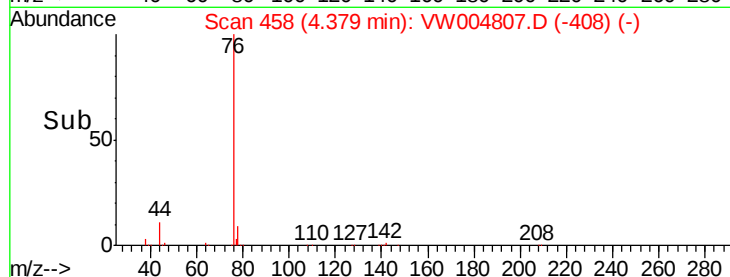
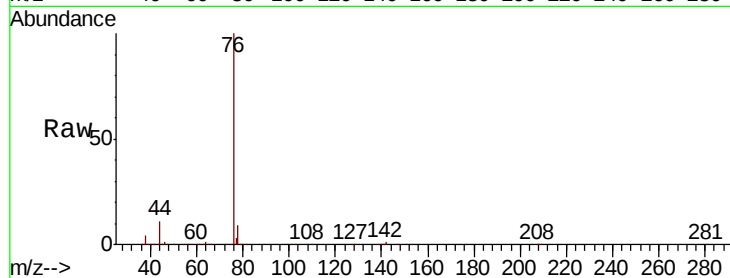
#17  
Carbon Disulfide  
Concen: 53.02 ug/l  
RT: 4.38 min Scan# 458  
Delta R.T. 0.01 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.2   | 7.4   | 11.2  |

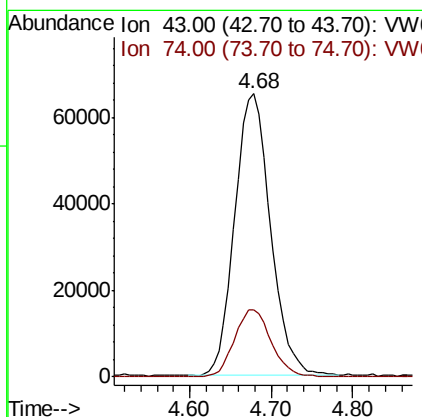
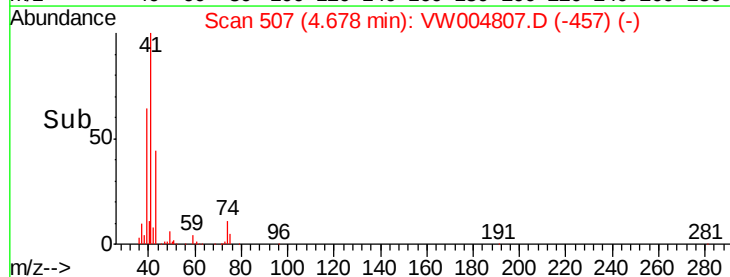
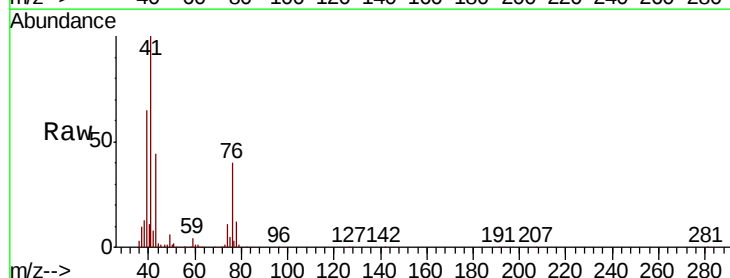
Manual Integrations  
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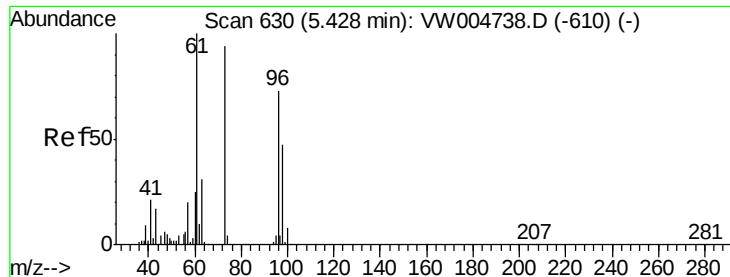
apatel  
8/21/2018 11:32:49 AM



#18  
Methyl Acetate  
Concen: 57.92 ug/l  
RT: 4.68 min Scan# 507  
Delta R.T. 0.01 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 24.5  | 19.8  | 29.8  |





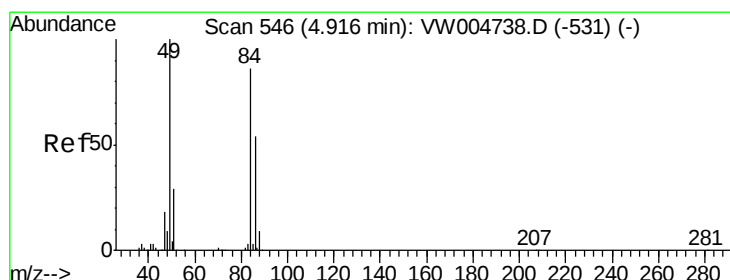
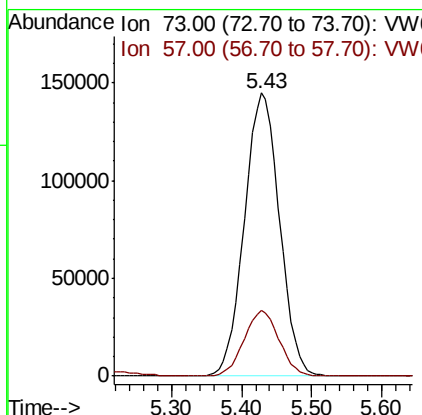
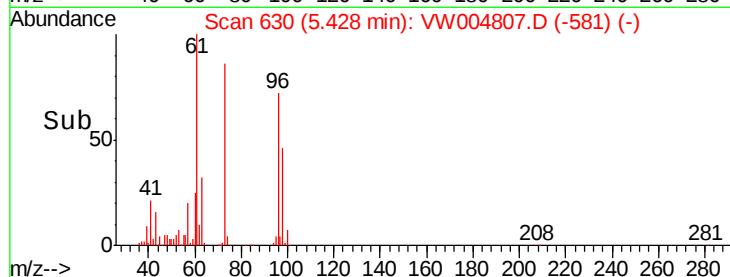
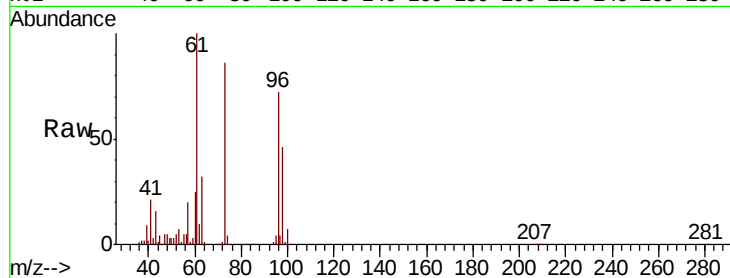
#19  
Methvl tert-butvl Ether  
Concen: 58.22 ug/l  
RT: 5.43 min Scan# 630  
Delta R.T. -0.00 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 23.1  | 17.3  | 25.9  |

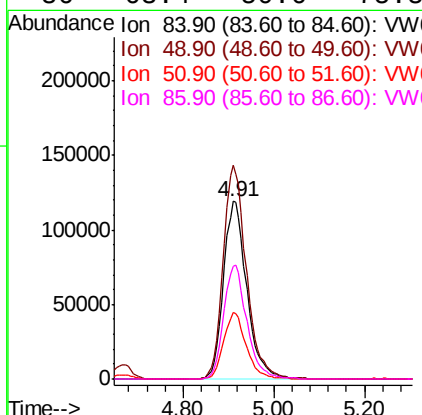
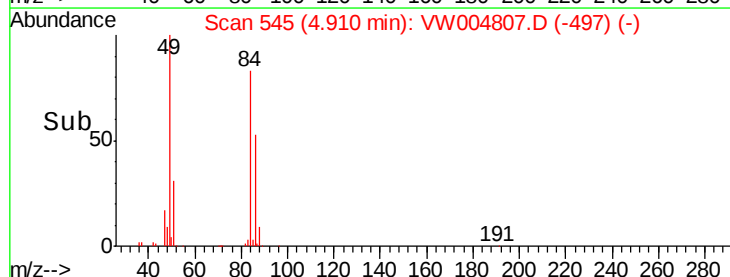
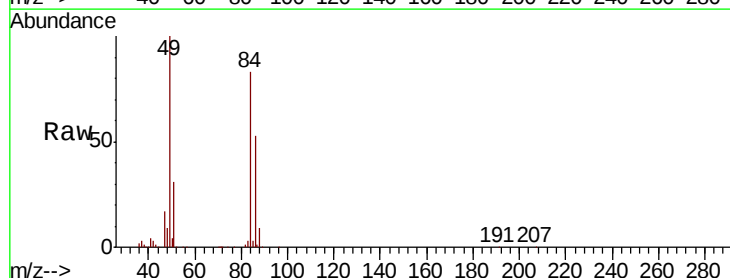
Manual Integrations  
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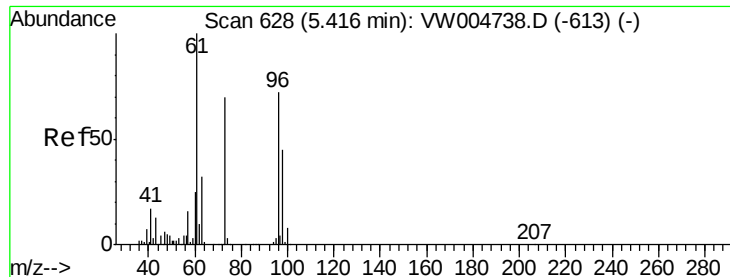
apatel  
8/21/2018 11:32:49 AM



#20  
Methylene Chloride  
Concen: 58.90 ug/l  
RT: 4.91 min Scan# 545  
Delta R.T. -0.01 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 120.4 | 93.2  | 139.8 |
| 51      | 37.9  | 27.4  | 41.0  |
| 86      | 63.4  | 50.6  | 75.8  |





#21

trans-1,2-Dichloroethene

Concen: 53.94 ug/l

RT: 5.42 min Scan# 629

Delta R.T. 0.01 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

Instrument :

MSVOA\_W

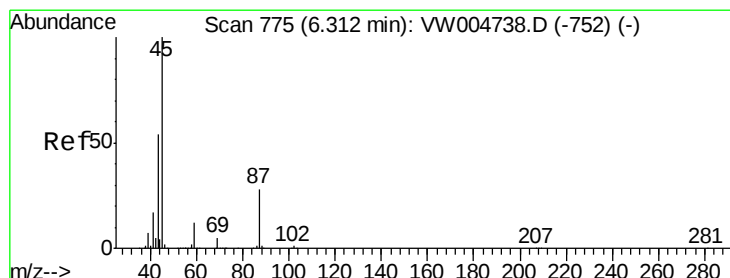
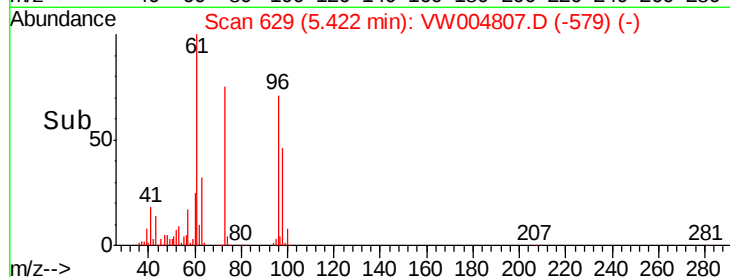
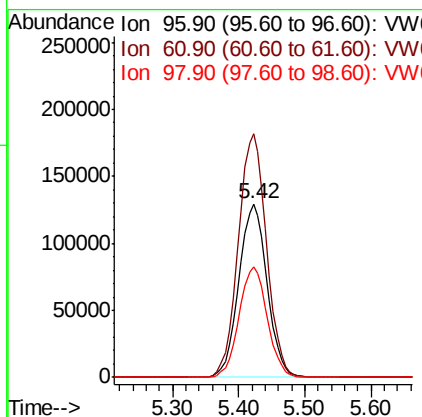
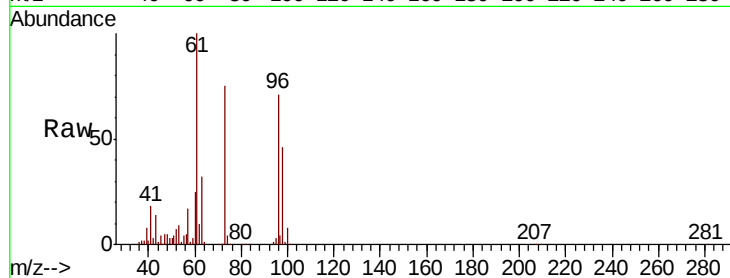
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 383431 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 140.1 | 111.4 | 167.0  |
| 98        | 63.8  | 49.7  | 74.5   |

Manual Integrations  
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apatel  
8/21/2018 11:32:49 AM



#22

Diisopropyl ether

Concen: 58.76 ug/l

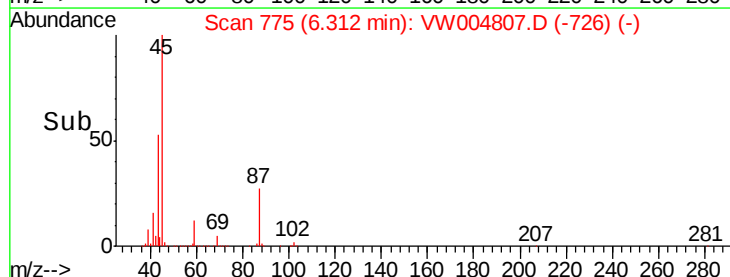
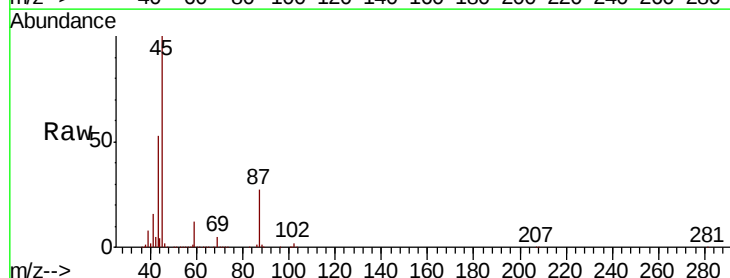
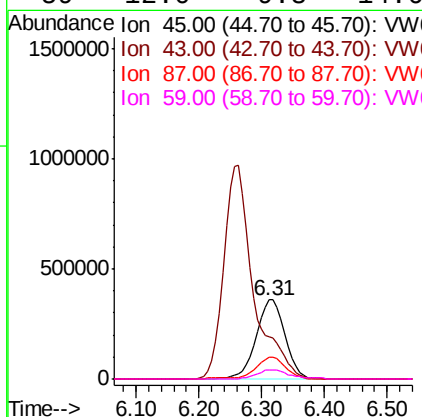
RT: 6.31 min Scan# 775

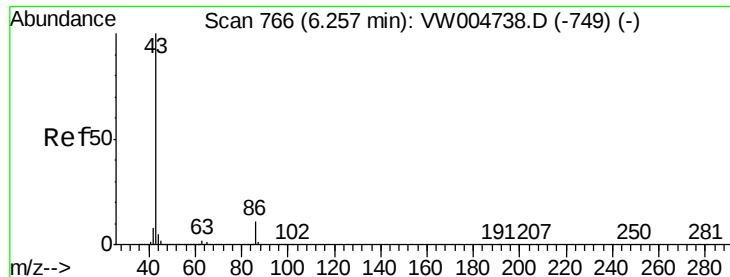
Delta R.T. 0.00 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 45    | Resp: | 1145260 |
| Ion Ratio | Lower | Upper |         |
| 45        | 100   |       |         |
| 43        | 53.2  | 43.0  | 64.6    |
| 87        | 26.9  | 22.2  | 33.4    |
| 59        | 12.0  | 9.8   | 14.6    |





#23

Vinyl Acetate

Concen: 288.13 ug/l

RT: 6.26 min Scan# 767

Delta R.T. 0.01 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

Tot Ion: 43 Resp: 3176215

Ion Ratio Lower Upper

43 100

86 10.8 8.5 12.7

Instrument :

MSVOA\_W

ClientSampled :

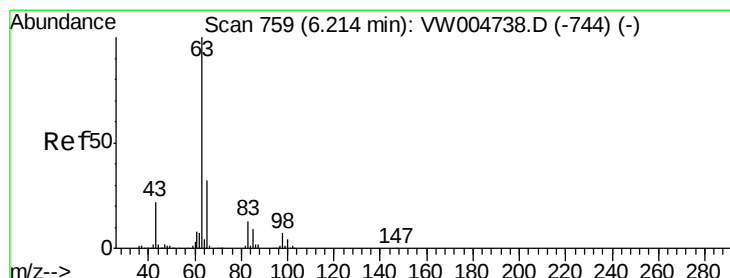
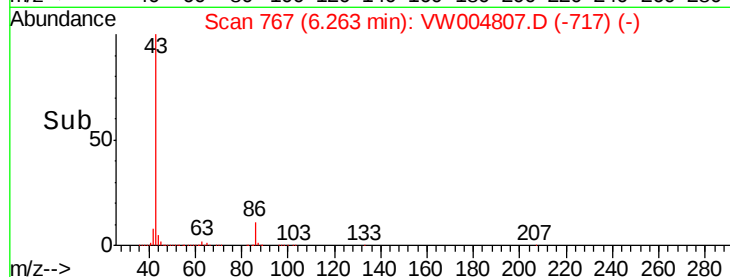
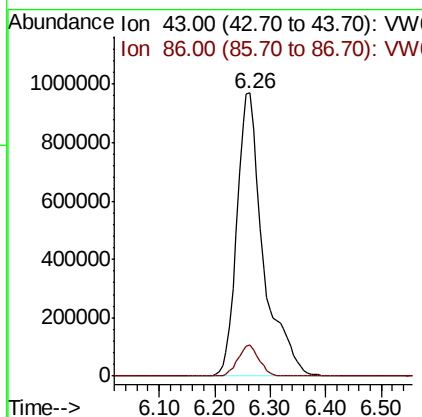
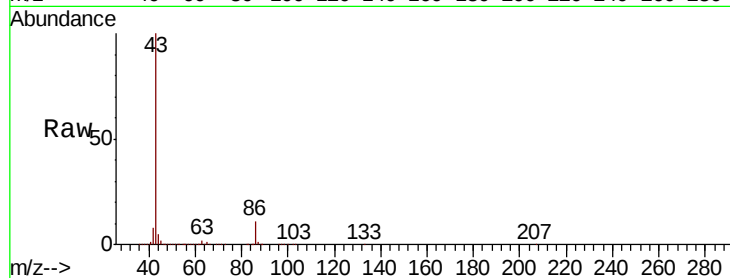
VSTDCCC050

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 54.28 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

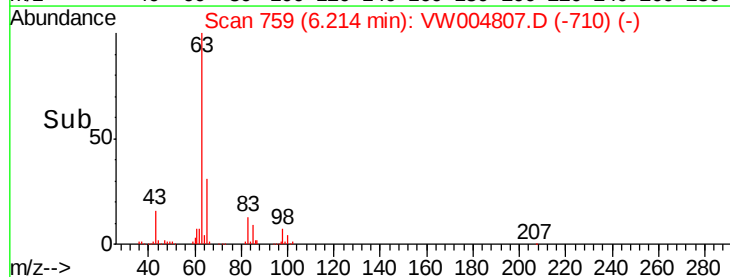
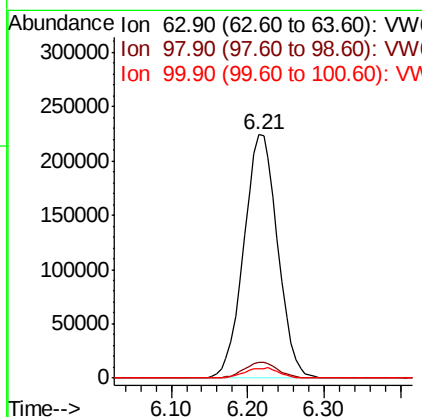
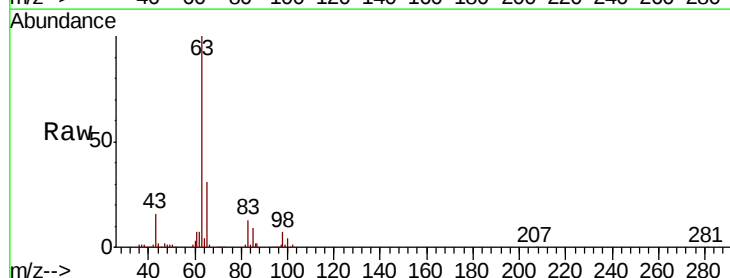
Tgt Ion: 63 Resp: 687501

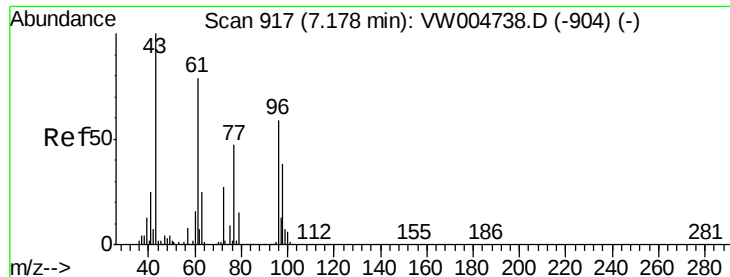
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

100 4.1 2.1 6.3





#25

2-Butanone

Concen: 277.97 ug/l

RT: 7.18 min Scan# 918

Delta R.T. 0.01 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

Instrument :

MSVOA\_W

ClientSampled :

VSTDCCC050

Tot Ion: 43 Resp: 633754

Ion Ratio Lower Upper

43 100

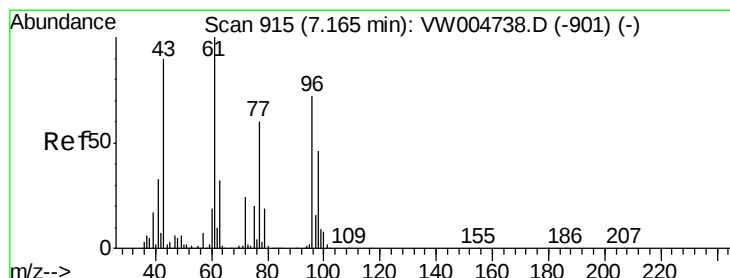
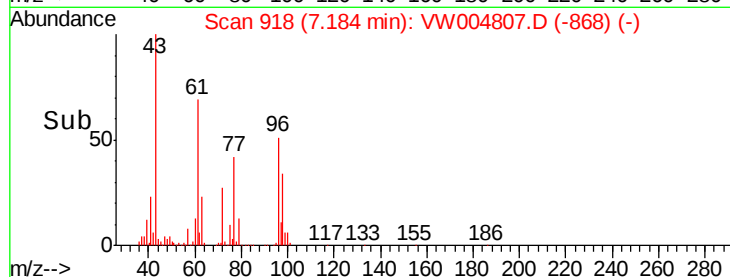
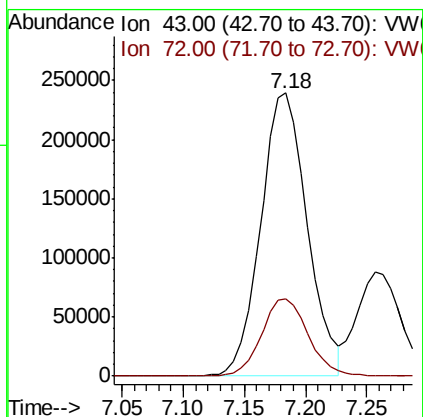
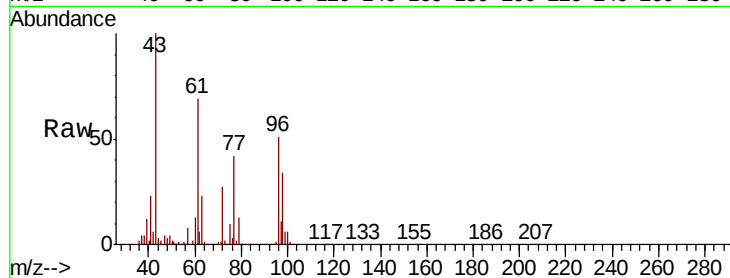
72 27.4 22.0 33.0

Manual Integrations

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apatel

8/21/2018 11:32:49 AM



#26

2,2-Dichloropropane

Concen: 51.95 ug/l

RT: 7.17 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW004807.D

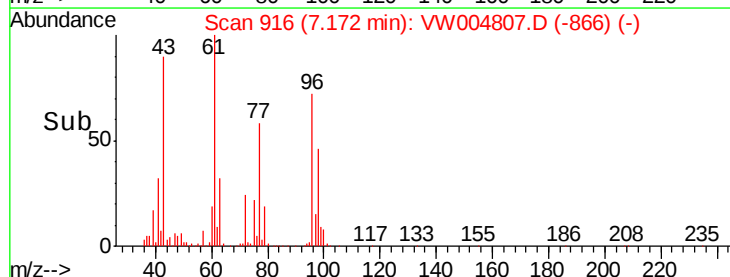
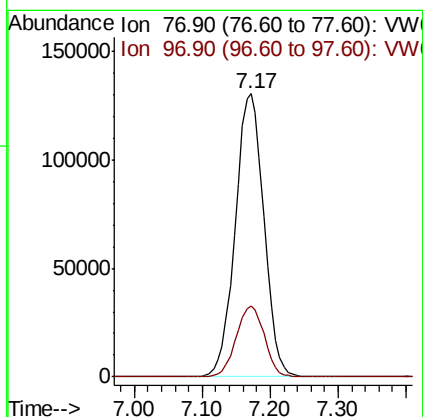
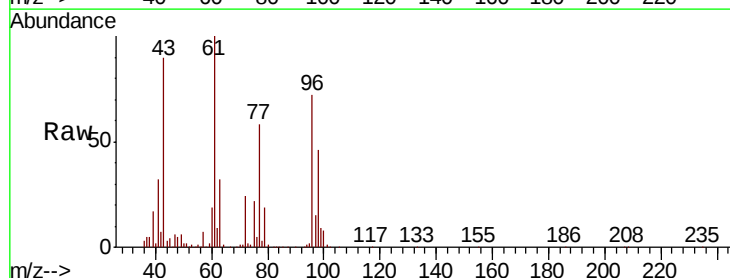
Acq: 20 Aug 2018 23:28

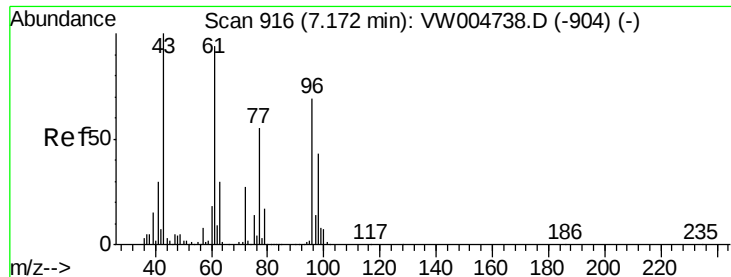
Tgt Ion: 77 Resp: 380042

Ion Ratio Lower Upper

77 100

97 24.7 12.6 37.8





#27

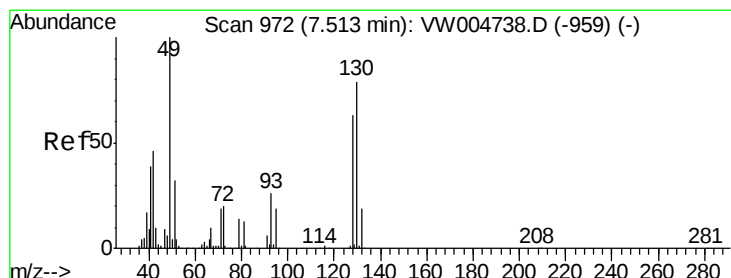
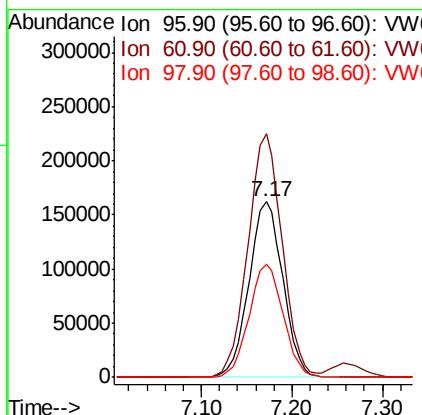
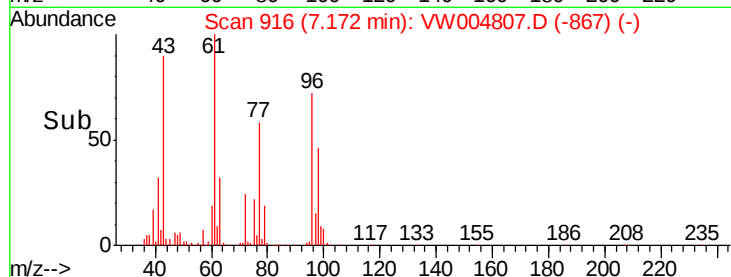
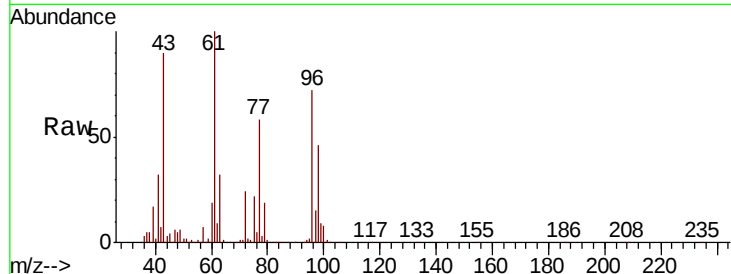
cis-1,2-Dichloroethene  
 Concen: 54.96 ug/l  
 RT: 7.17 min Scan# 916  
 Delta R.T. 0.00 min  
 Lab File: VW004807.D  
 Acq: 20 Aug 2018 23:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ion   | Ratio | Resp   | Lower | Upper |
|---------|-------|-------|--------|-------|-------|
| 96      | 100   |       | 420640 |       |       |
| 61      | 139.4 | 0.0   | 277.6  |       |       |
| 98      | 64.5  | 0.0   | 127.4  |       |       |

Manual Integrations  
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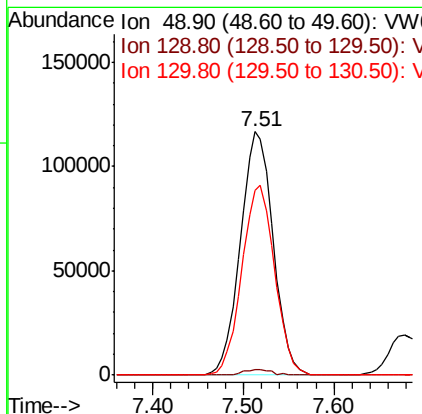
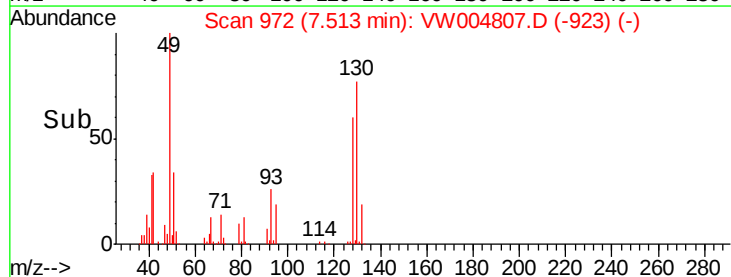
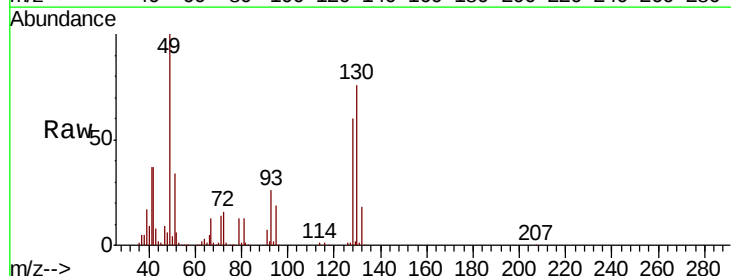
apatel  
 8/21/2018 11:32:49 AM

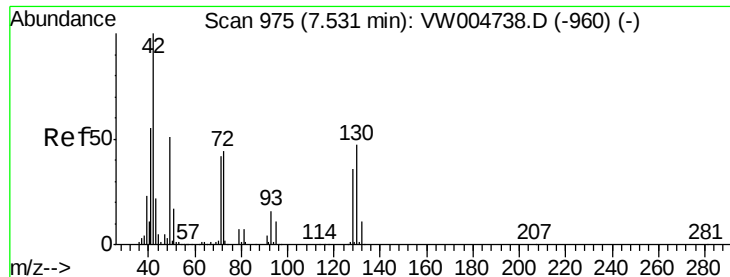


#28

Bromochloromethane  
 Concen: 54.83 ug/l  
 RT: 7.51 min Scan# 972  
 Delta R.T. -0.00 min  
 Lab File: VW004807.D  
 Acq: 20 Aug 2018 23:28

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 49      | 100  |       | 292398 |       |       |
| 129     | 2.0  | 0.0   | 4.4    |       |       |
| 130     | 78.1 | 63.7  | 95.5   |       |       |





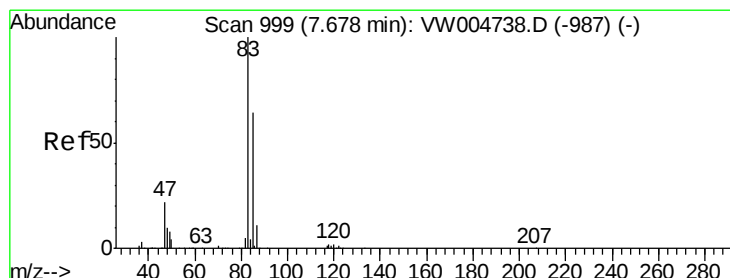
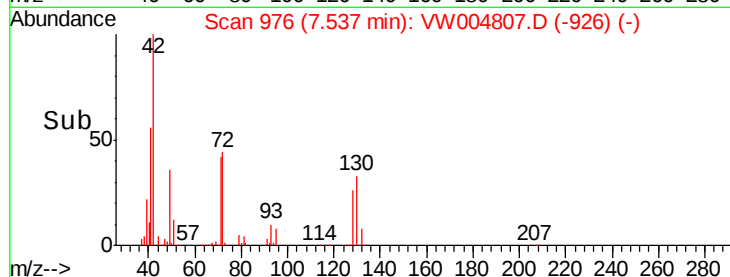
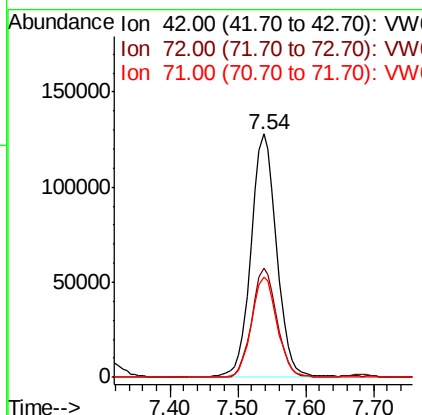
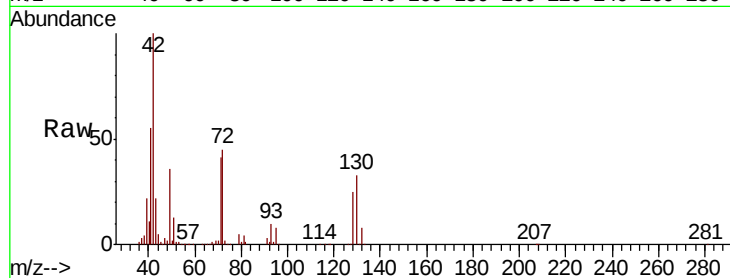
#29  
Tetrahydrofuran  
Concen: 288.56 ug/l  
RT: 7.54 min Scan# 976  
Delta R.T. 0.01 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

|           |      |       |        |
|-----------|------|-------|--------|
| Tot Ion:  | 42   | Resp: | 335468 |
| Ion Ratio |      | Lower | Upper  |
| 42        | 100  |       |        |
| 72        | 44.0 | 34.9  | 52.3   |
| 71        | 41.4 | 33.8  | 50.6   |

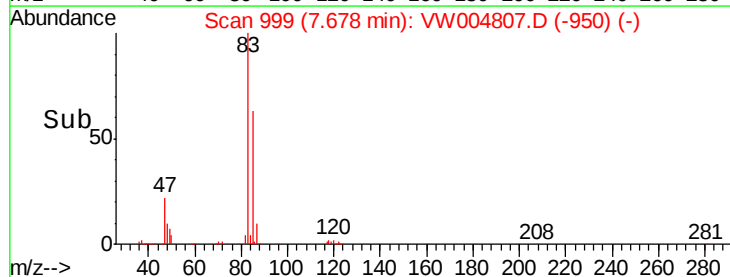
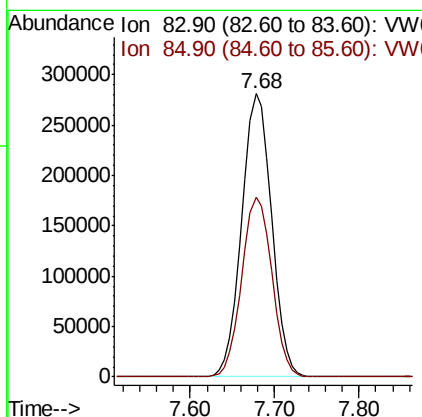
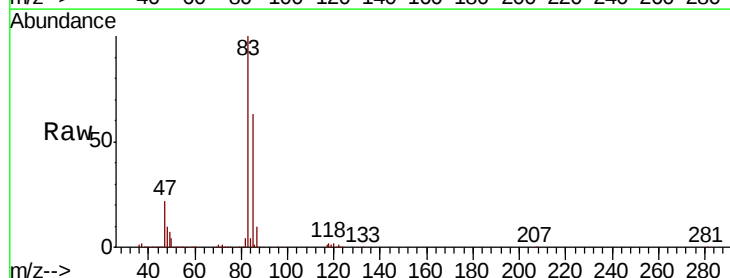
Manual Integrations  
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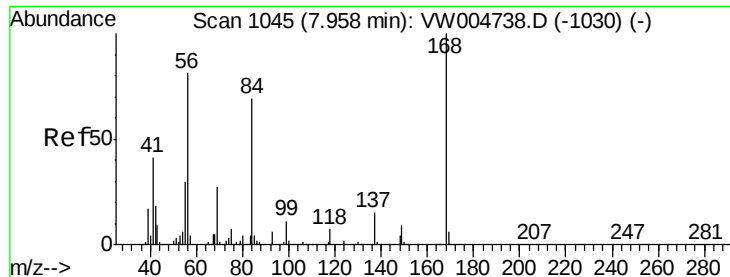
apatel  
8/21/2018 11:32:49 AM



#30  
Chloroform  
Concen: 54.11 ug/l  
RT: 7.68 min Scan# 999  
Delta R.T. -0.00 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 83   | Resp: | 673952 |
| Ion Ratio |      | Lower | Upper  |
| 83        | 100  |       |        |
| 85        | 63.3 | 51.0  | 76.6   |





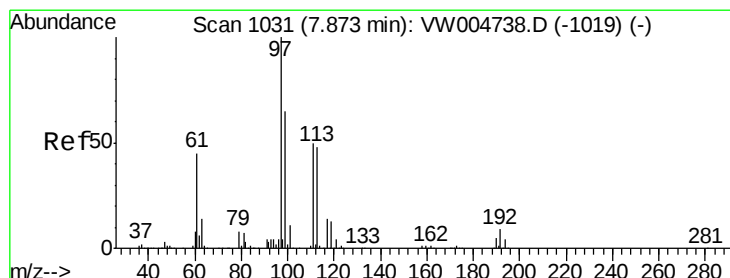
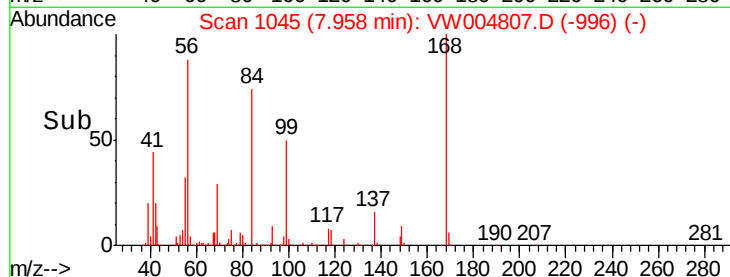
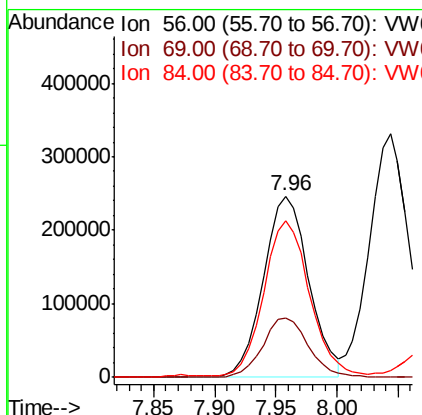
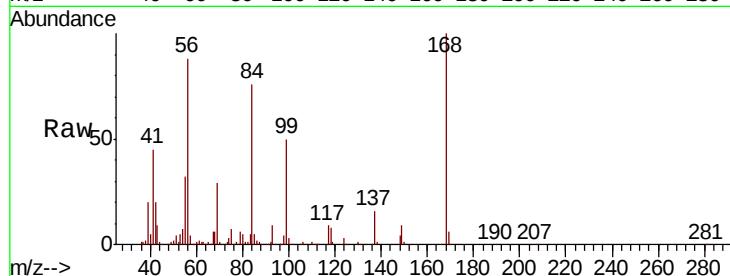
#31  
Cyclohexane  
Concen: 52.08 ug/l  
RT: 7.96 min Scan# 1045  
Delta R.T. -0.00 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 32.9  | 27.1  | 40.7  |
| 84      | 85.3  | 68.3  | 102.5 |

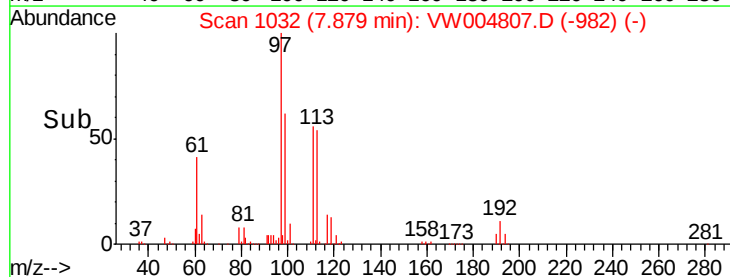
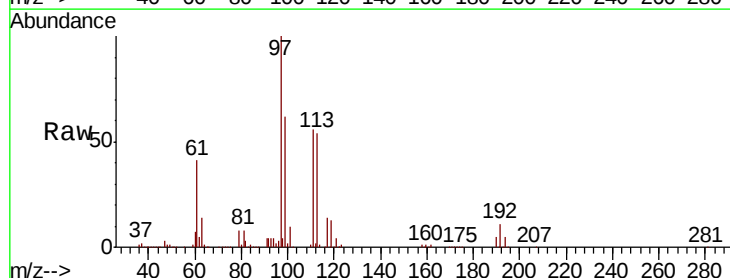
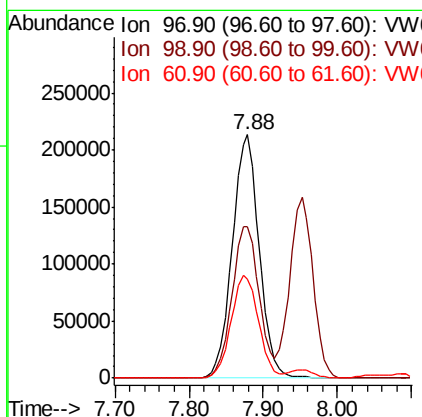
Manual Integrations  
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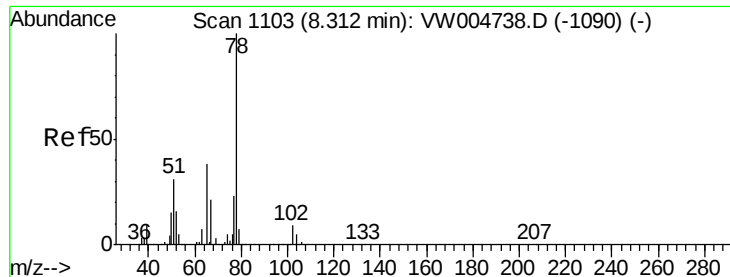
apatel  
8/21/2018 11:32:49 AM



#32  
1,1,1-Trichloroethane  
Concen: 54.52 ug/l  
RT: 7.88 min Scan# 1032  
Delta R.T. 0.01 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.4  | 51.7  | 77.5  |
| 61      | 43.4  | 34.4  | 51.6  |





#33

1,2-Dichloroethane-d4

Concen: 50.61 ug/l

RT: 8.31 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 317211

Ion Ratio Lower Upper

65 100

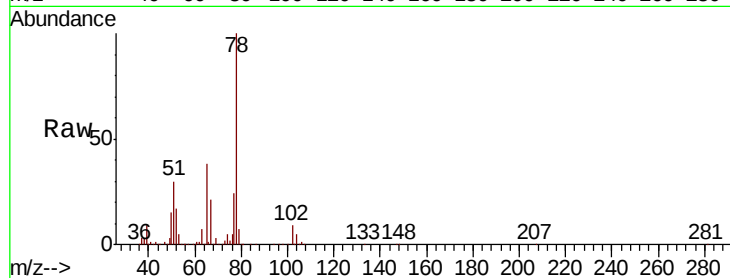
67 55.7 0.0 109.4

Manual Integrations

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Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

150000

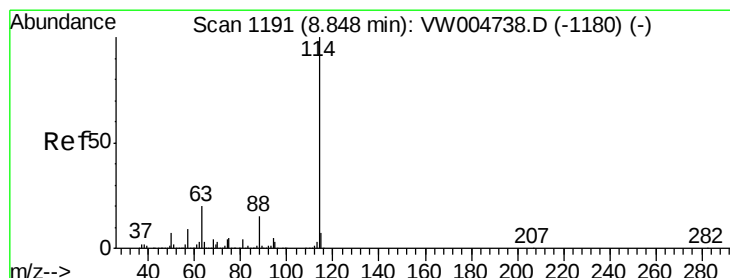
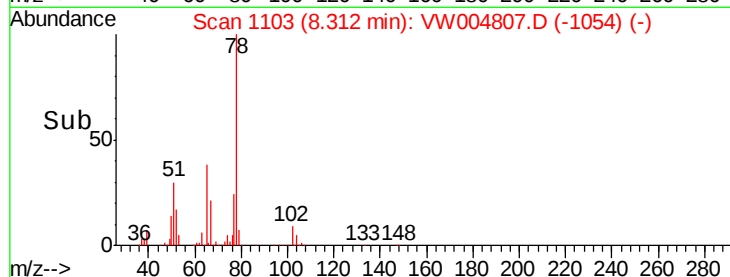
100000

50000

0

8.20 8.25 8.30 8.35 8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.85 min Scan# 1191

Delta R.T. 0.00 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

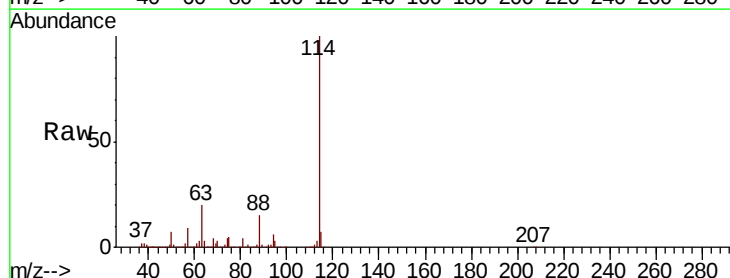
Tgt Ion: 114 Resp: 975566

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.0

88 15.2 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

600000

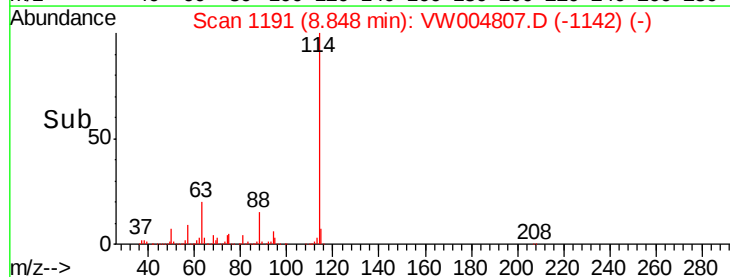
400000

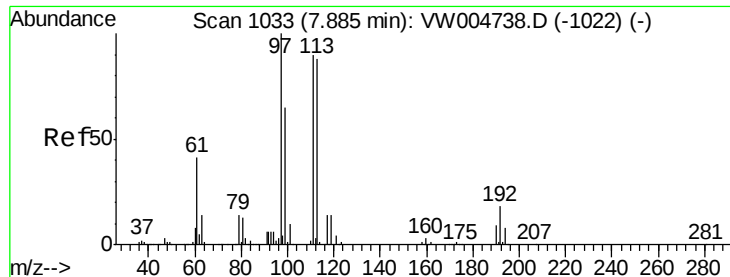
200000

0

8.80 8.90

Time-->





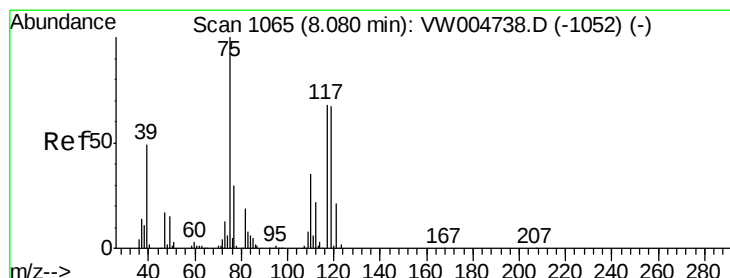
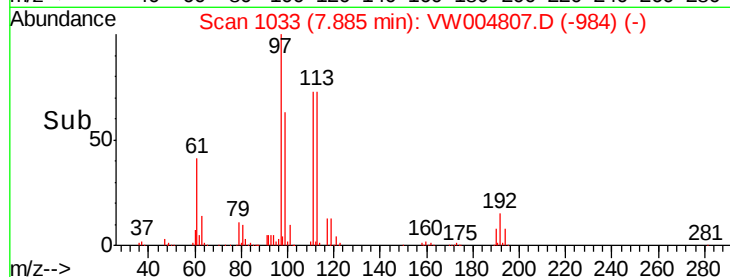
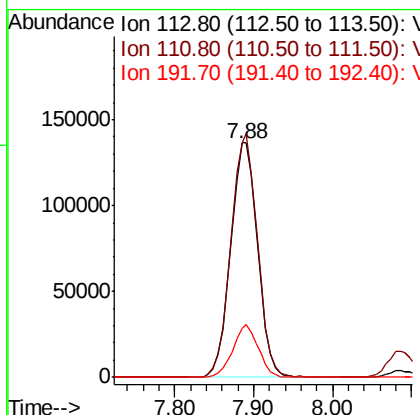
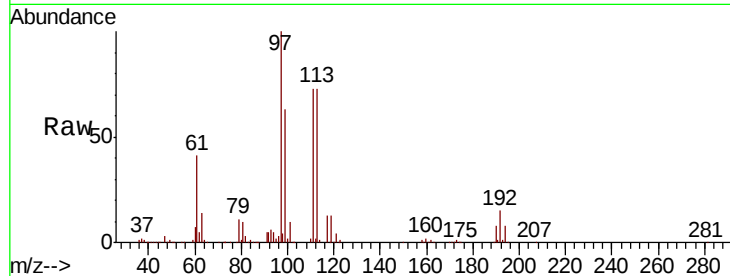
#35  
 Dibromofluoromethane  
 Concen: 51.88 ug/l  
 RT: 7.88 min Scan# 1033  
 Delta R.T. -0.00 min  
 Lab File: VW004807.D  
 Acq: 20 Aug 2018 23:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.4 | 82.4  | 123.6 |
| 192     | 21.2  | 16.7  | 25.1  |

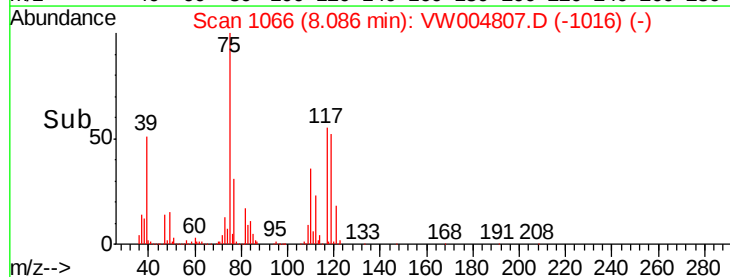
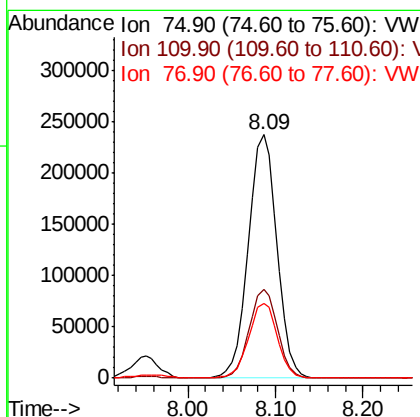
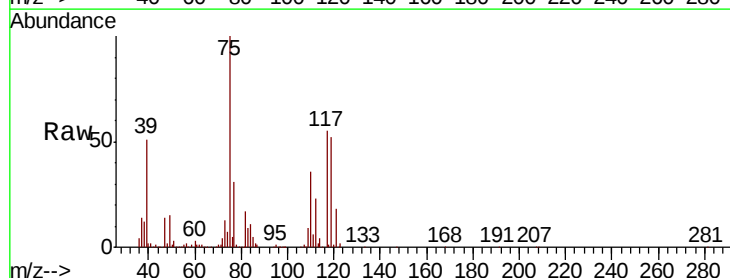
Manual Integrations  
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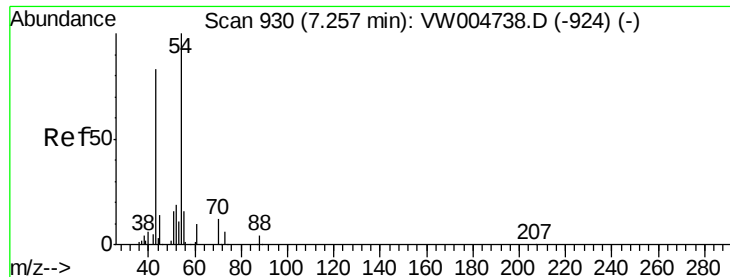
apatel  
 8/21/2018 11:32:49 AM



#36  
 1,1-Dichloropropene  
 Concen: 53.33 ug/l  
 RT: 8.09 min Scan# 1066  
 Delta R.T. 0.01 min  
 Lab File: VW004807.D  
 Acq: 20 Aug 2018 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 36.0  | 17.8  | 53.5  |
| 77      | 31.2  | 24.9  | 37.3  |





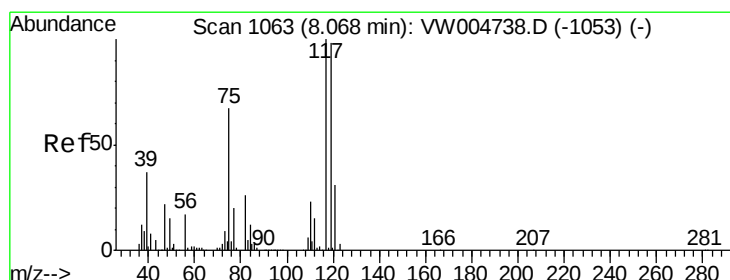
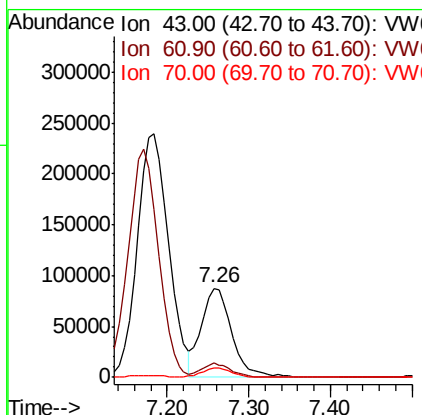
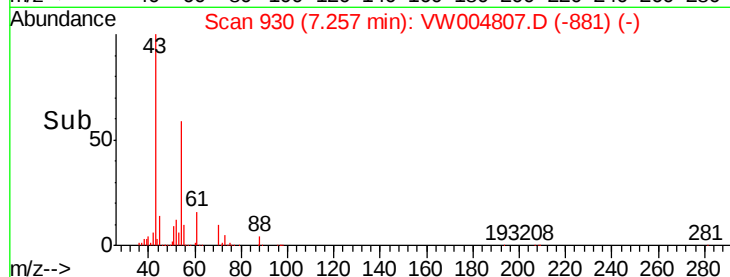
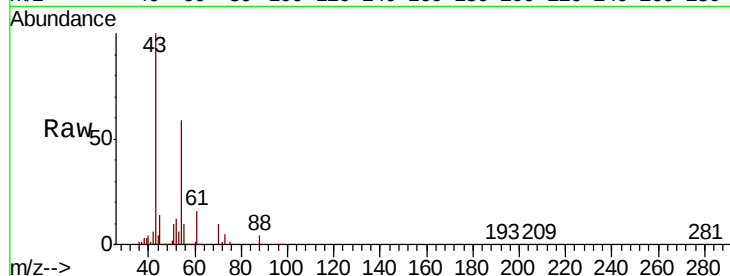
#37  
Ethyl Acetate  
Concen: 56.36 ug/l  
RT: 7.26 min Scan# 930  
Delta R.T. 0.00 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.8  | 11.6  | 17.4  |
| 70      | 10.4  | 9.2   | 13.8  |

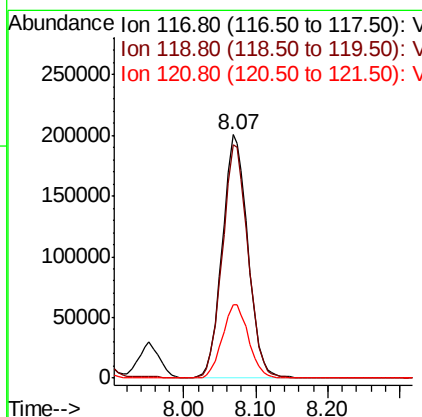
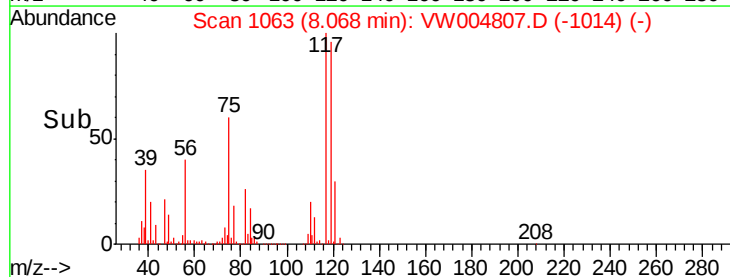
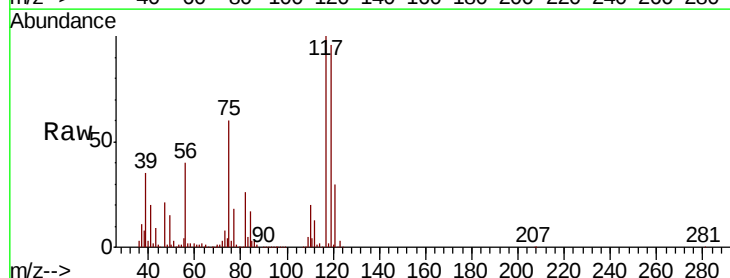
Manual Integrations  
APPROVED

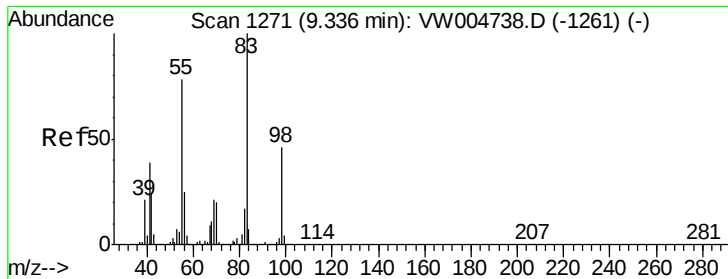
apatel  
8/21/2018 11:32:49 AM



#38  
Carbon Tetrachloride  
Concen: 53.45 ug/l  
RT: 8.07 min Scan# 1063  
Delta R.T. 0.00 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.8  | 78.0  | 117.0 |
| 121     | 29.9  | 24.8  | 37.2  |





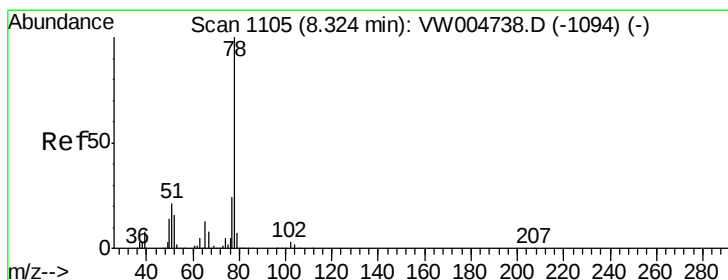
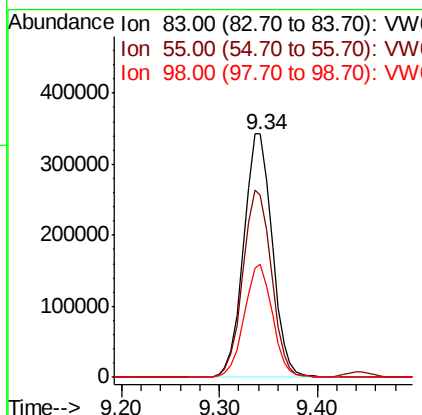
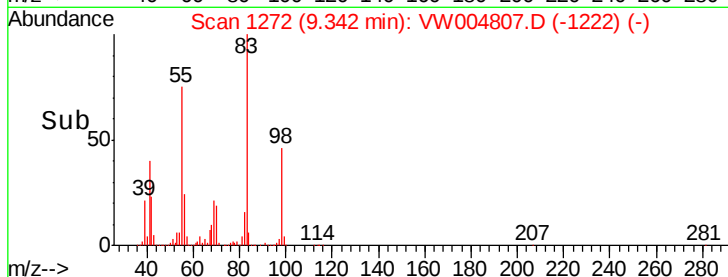
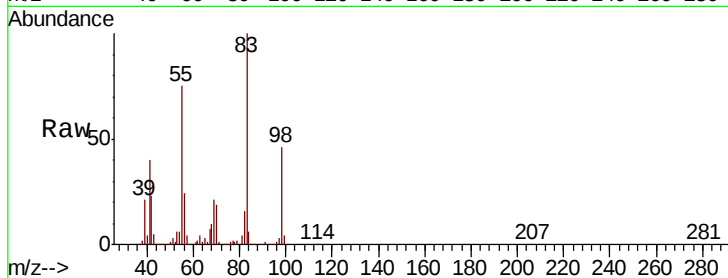
#39  
Methvlcvclohexane  
Concen: 55.49 ug/l  
RT: 9.34 min Scan# 1272  
Delta R.T. 0.01 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 74.9  | 62.4  | 93.6  |
| 98      | 46.4  | 36.5  | 54.7  |

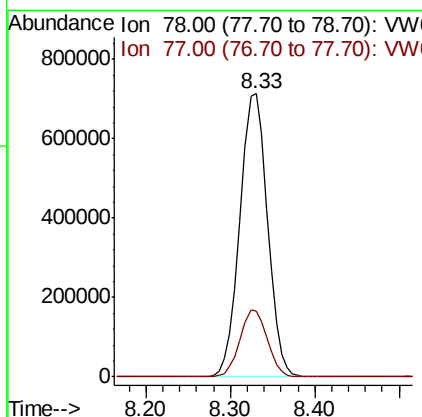
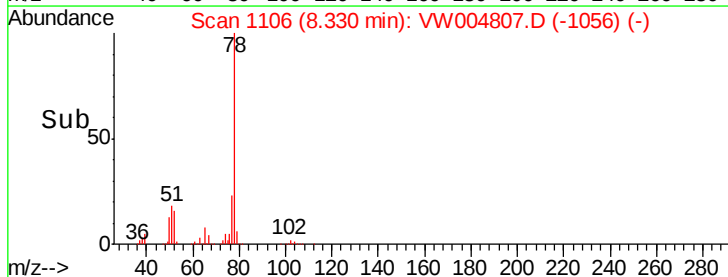
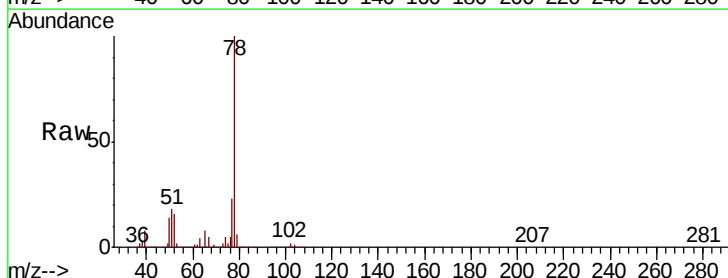
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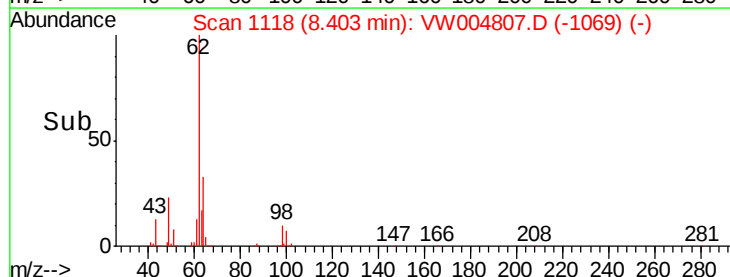
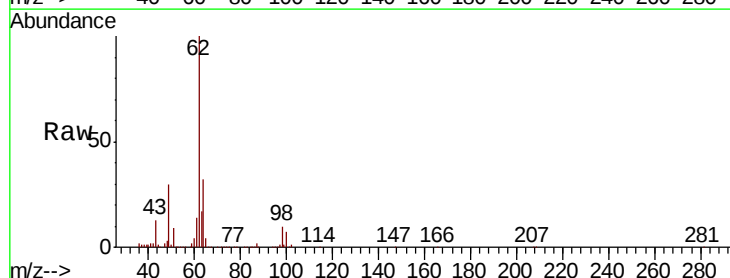
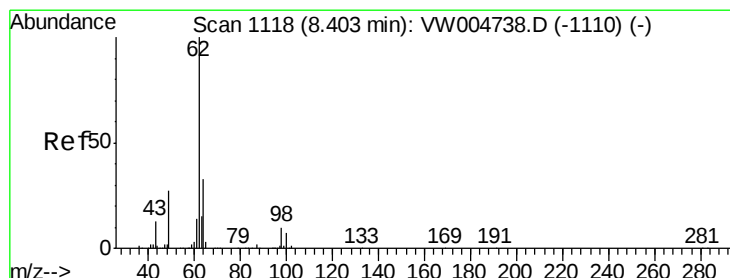
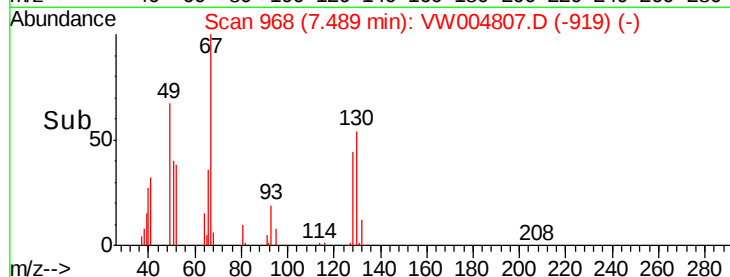
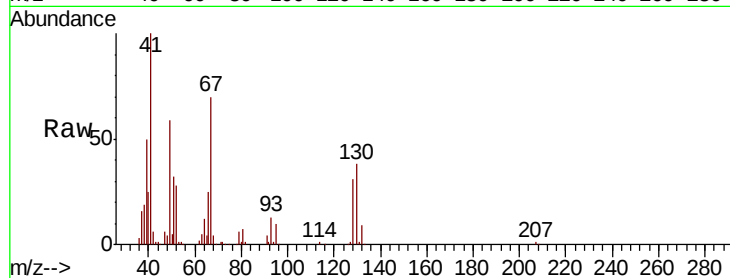
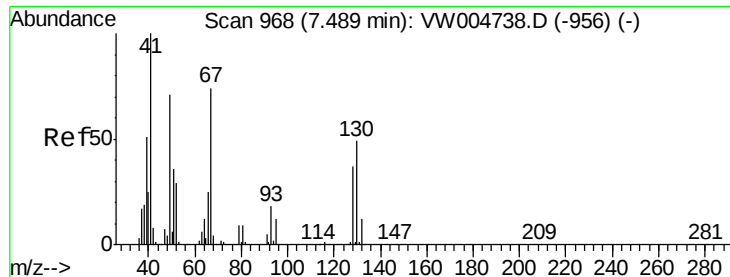
apatel  
8/21/2018 11:32:49 AM



#40  
Benzene  
Concen: 54.07 ug/l  
RT: 8.33 min Scan# 1106  
Delta R.T. 0.01 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

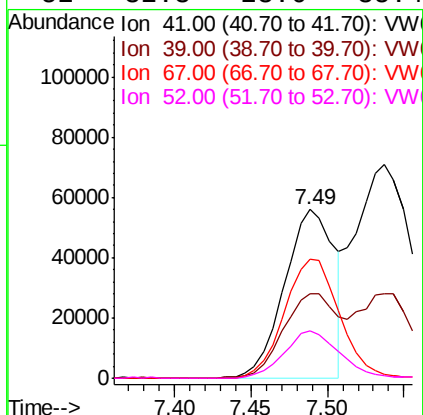
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.3  | 19.0  | 28.6  |





#41  
Methacrylonitrile  
Concen: 55.55 ug/l  
RT: 7.49 min Scan# 968  
Delta R.T. 0.00 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

| Tot Ion | Ion | Ratio | Resp | Lower | Upper |
|---------|-----|-------|------|-------|-------|
| 41      | 41  | 100   |      |       |       |
| 39      | 39  | 57.4  | 41.0 | 61.4  |       |
| 67      | 67  | 78.2  | 59.5 | 89.3  |       |
| 52      | 52  | 32.3  | 23.6 | 35.4  |       |



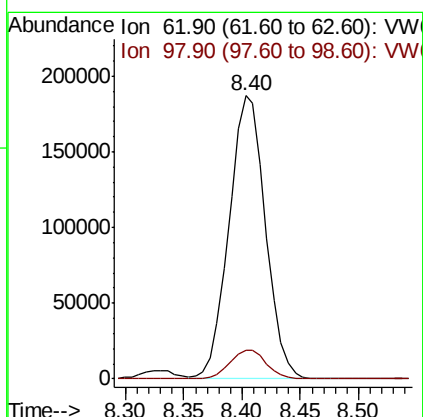
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

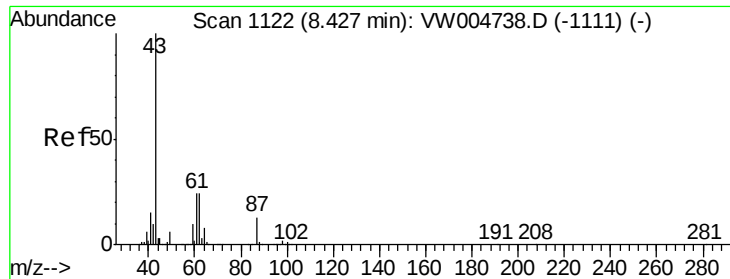
Manual Integrations  
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#42  
1,2-Dichloroethane  
Concen: 54.27 ug/l  
RT: 8.40 min Scan# 1118  
Delta R.T. -0.00 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

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





#43

Isopropyl Acetate

Concen: 57.04 ug/l

RT: 8.43 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

Instrument :

MSVOA\_W

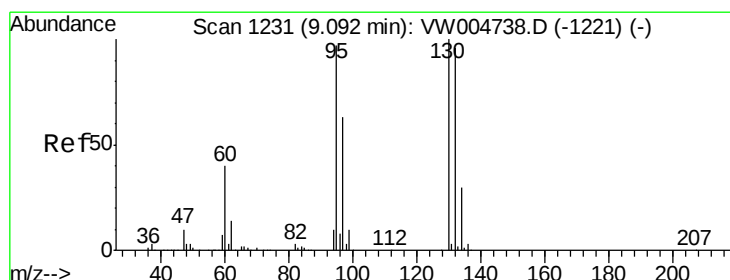
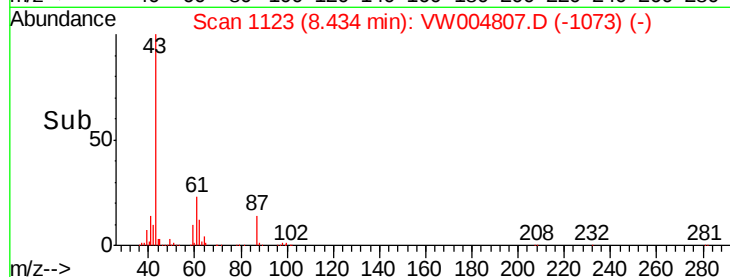
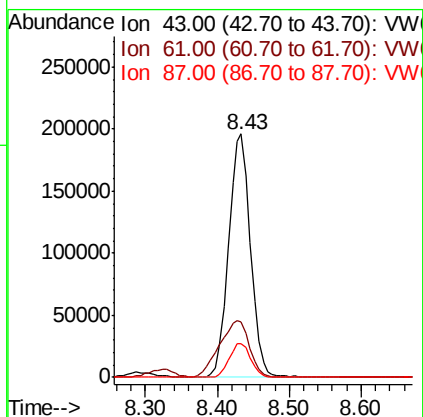
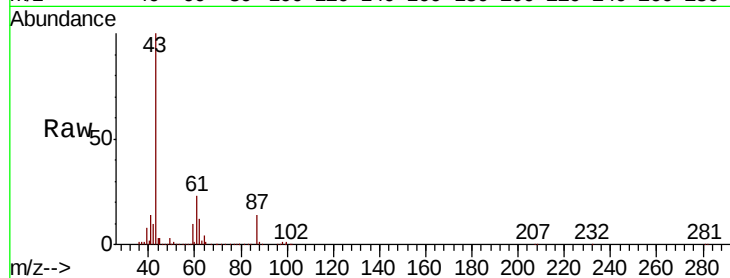
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 410500 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 31.9  | 26.2  | 39.4   |
| 87       | 14.0  | 10.9  | 16.3   |

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#44

Trichloroethene

Concen: 53.05 ug/l

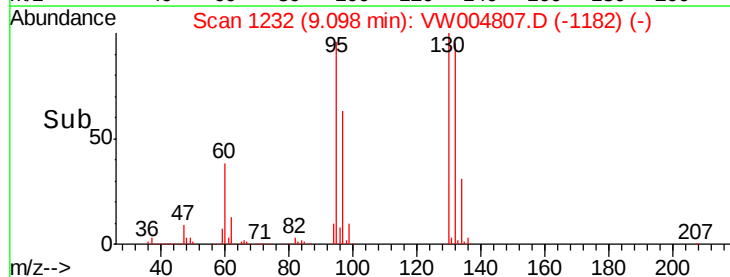
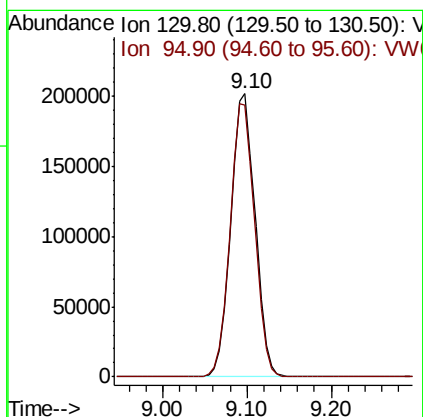
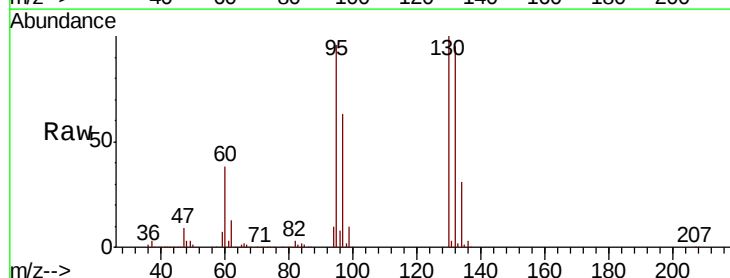
RT: 9.10 min Scan# 1232

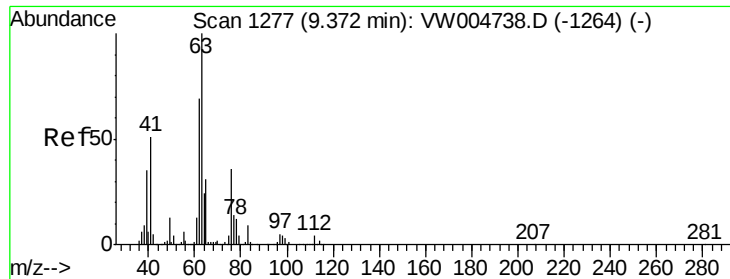
Delta R.T. 0.01 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 393296 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 96.1  | 0.0   | 194.4  |





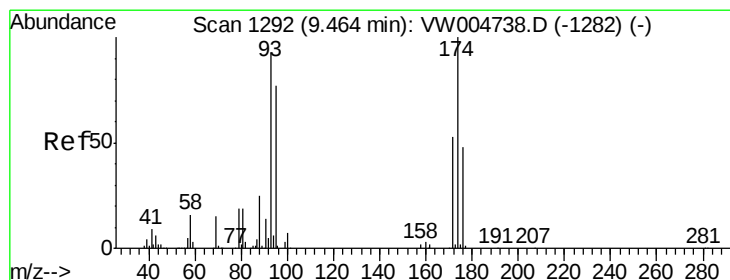
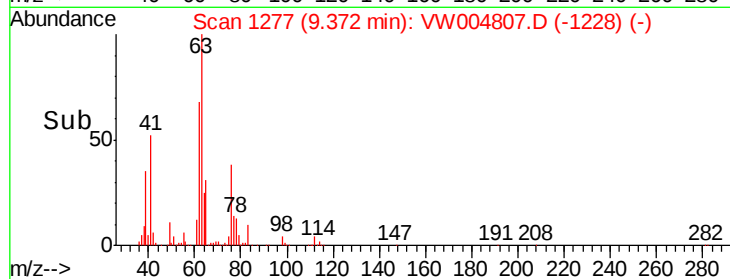
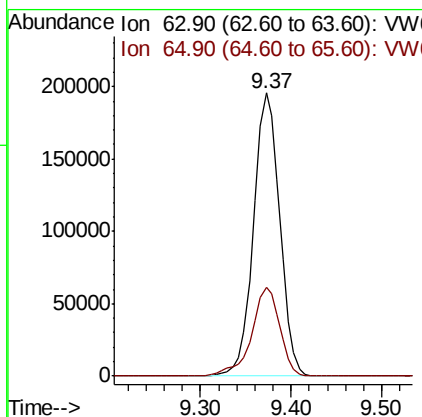
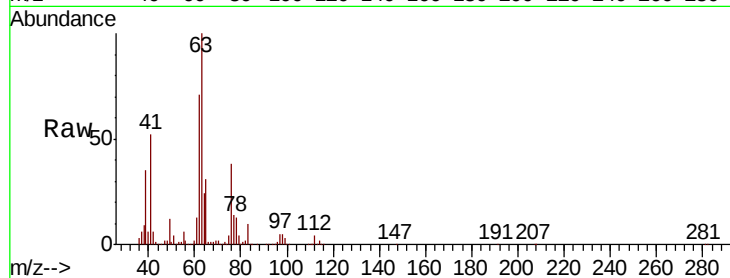
#45  
 1,2-Dichloropropane  
 Concen: 54.67 ug/l  
 RT: 9.37 min Scan# 1277  
 Delta R.T. -0.00 min  
 Lab File: VW004807.D  
 Acq: 20 Aug 2018 23:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 63      | 100   | 390576 |       |       |
| 65      | 31.4  |        | 24.6  | 37.0  |

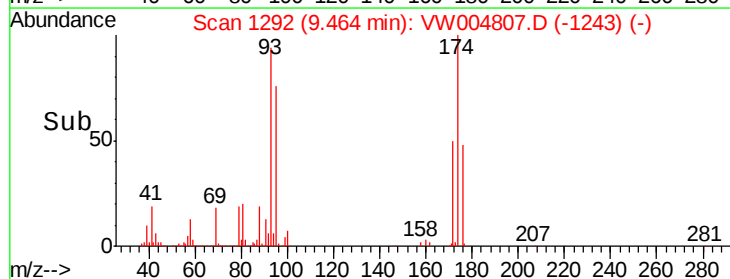
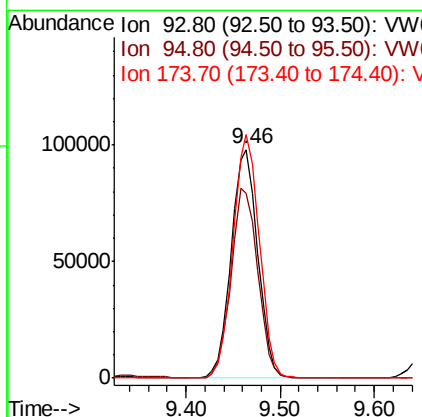
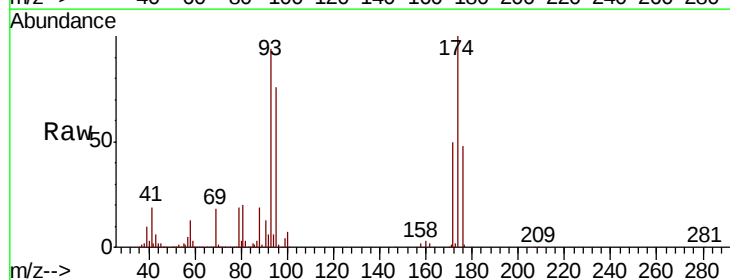
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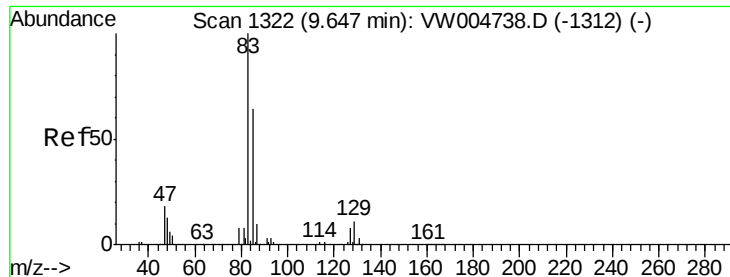
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#46  
 Dibromomethane  
 Concen: 54.14 ug/l  
 RT: 9.46 min Scan# 1292  
 Delta R.T. -0.00 min  
 Lab File: VW004807.D  
 Acq: 20 Aug 2018 23:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 93      | 100   | 191630 |       |       |
| 95      | 83.8  |        | 66.6  | 99.8  |
| 174     | 106.0 |        | 85.3  | 127.9 |





#47

Bromodichloromethane

Concen: 54.76 ug/l

RT: 9.65 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

Instrument :

MSVOA\_W

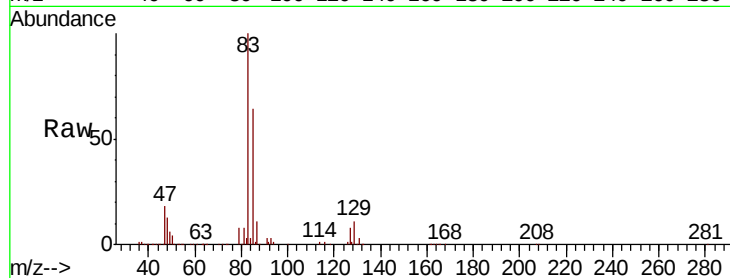
ClientSampleId :

VSTDCCC050

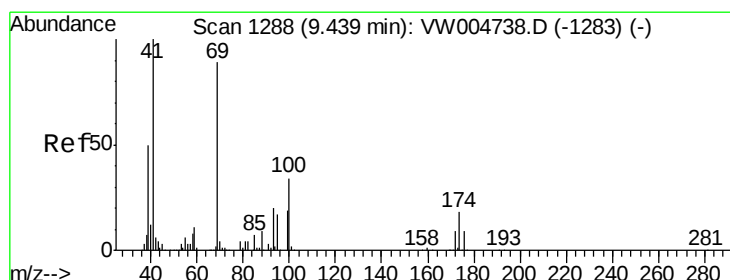
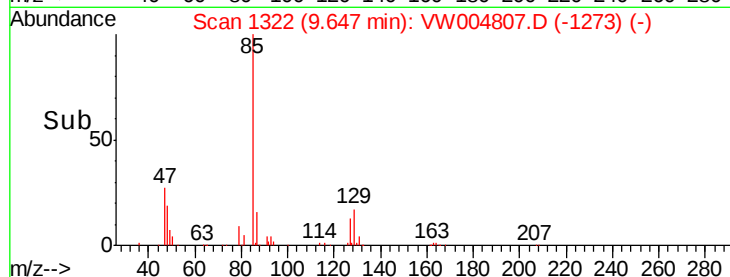
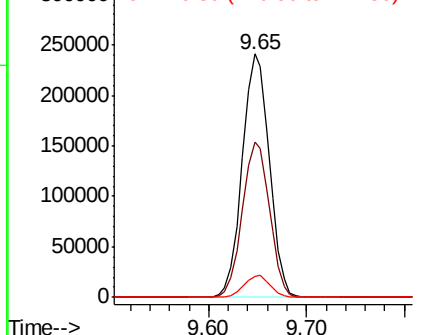
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 462859 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 64.0  | 51.2  | 76.8   |
| 127      | 8.4   | 6.7   | 10.1   |

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



#48

Methyl methacrylate

Concen: 58.07 ug/l

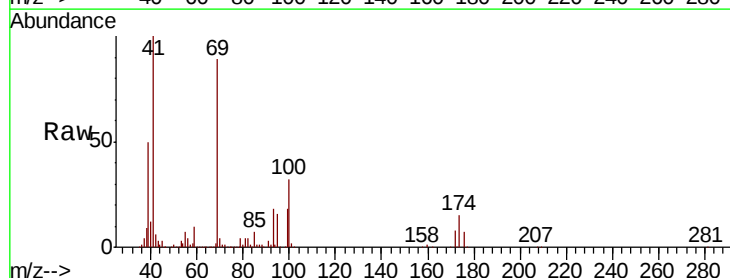
RT: 9.44 min Scan# 1288

Delta R.T. -0.00 min

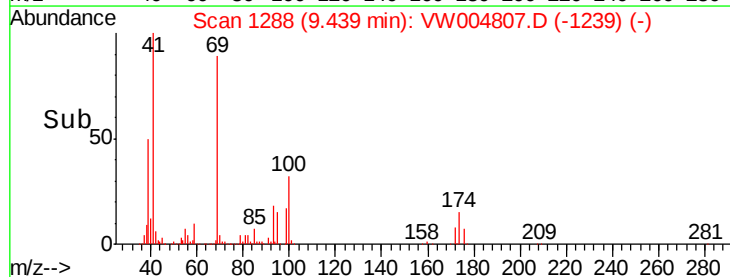
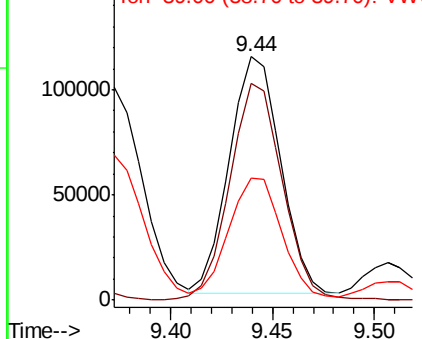
Lab File: VW004807.D

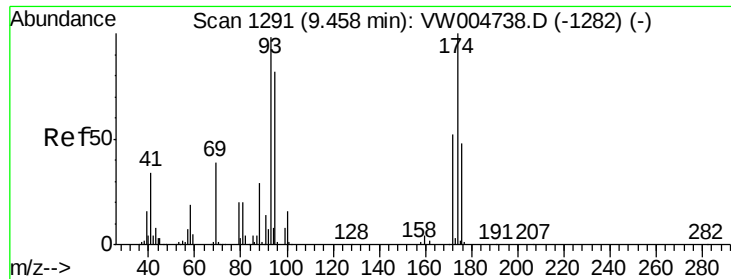
Acq: 20 Aug 2018 23:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 196073 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 95.0  | 75.2  | 112.8  |
| 39       | 51.2  | 39.8  | 59.6   |



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





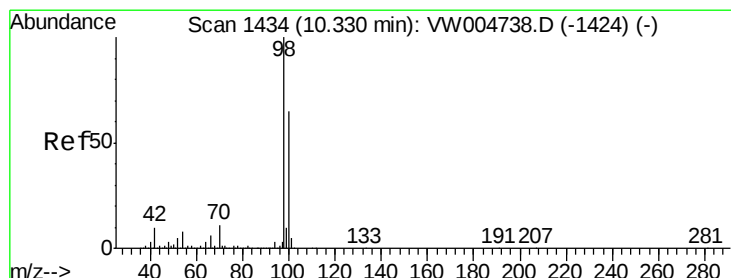
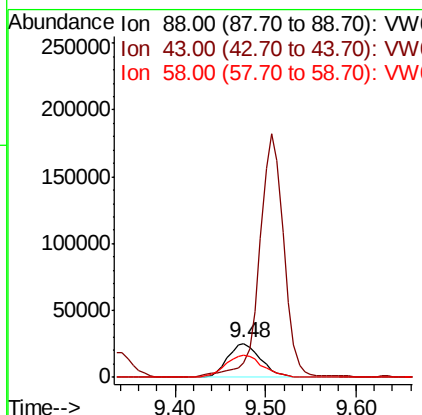
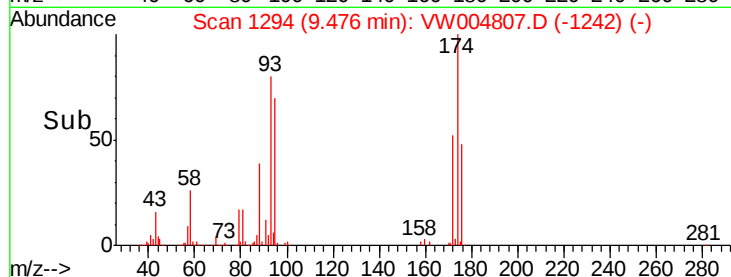
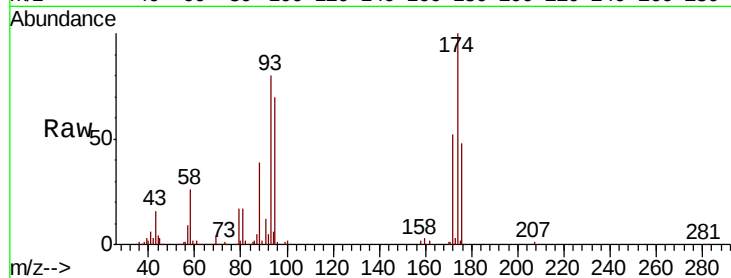
#49  
1,4-Dioxane  
Concen: 1245.18 ug/l  
RT: 9.48 min Scan# 1294  
Delta R.T. 0.02 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 0.0   | 22.9  | 34.3# |
| 58      | 74.3  | 60.0  | 90.0  |

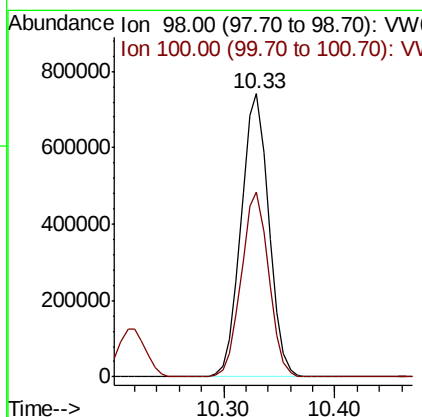
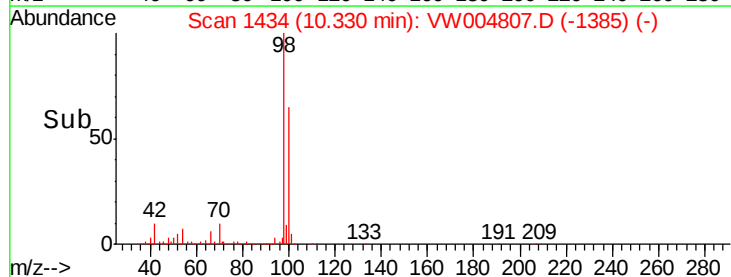
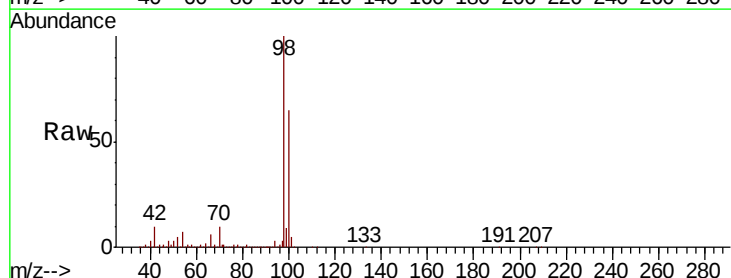
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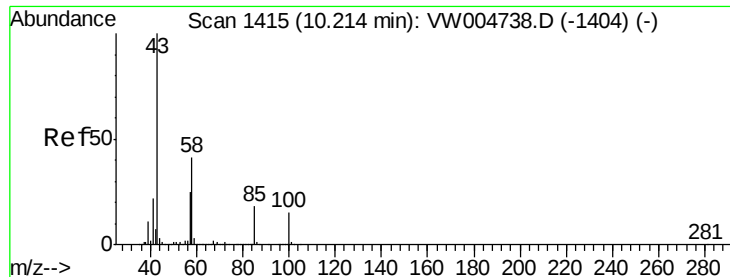
apatel  
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#50  
Toluene-d8  
Concen: 52.53 ug/l  
RT: 10.33 min Scan# 1434  
Delta R.T. -0.00 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 64.8  | 51.8  | 77.8  |





#51

4-Methyl-2-Pentanone

Concen: 292.78 ug/l

RT: 10.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1423946

Ion Ratio Lower Upper

43 100

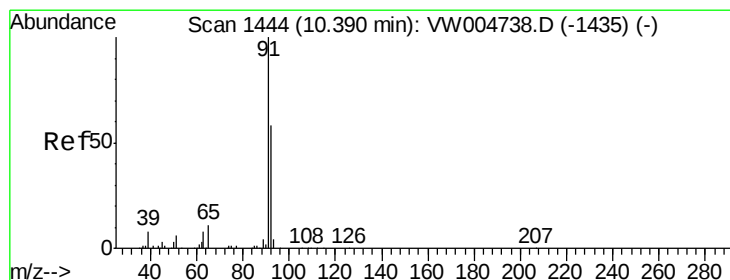
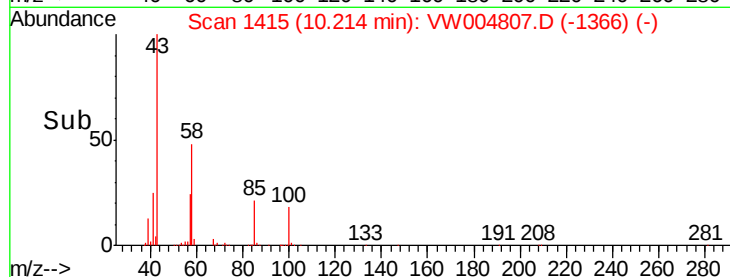
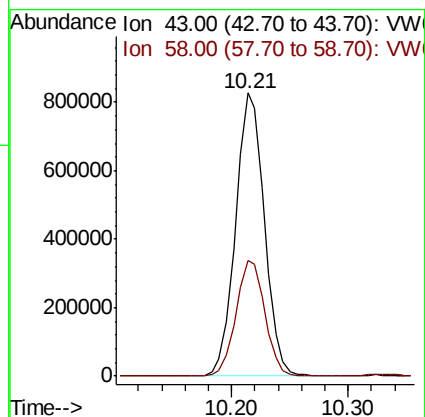
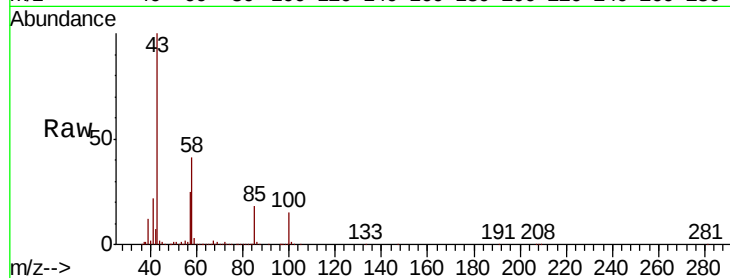
58 41.0 32.7 49.1

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#52

Toluene

Concen: 55.17 ug/l

RT: 10.39 min Scan# 1444

Delta R.T. 0.00 min

Lab File: VW004807.D

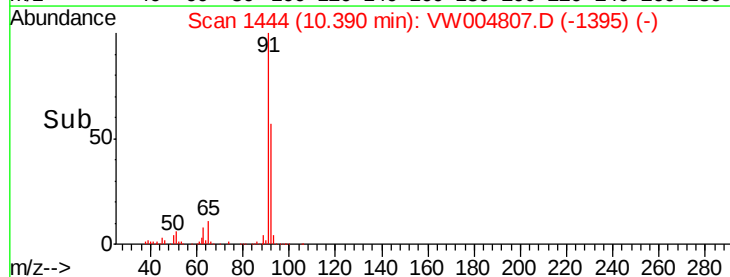
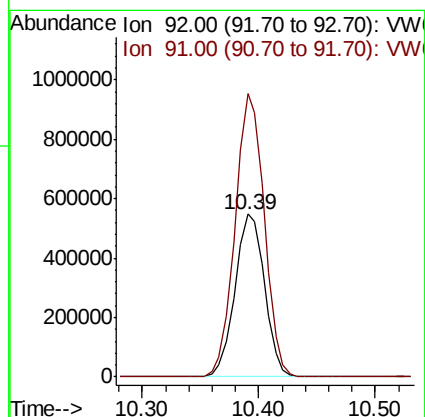
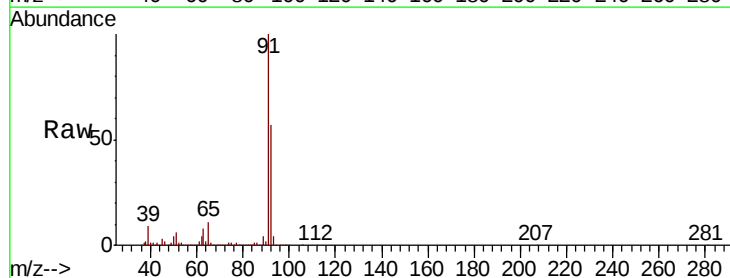
Acq: 20 Aug 2018 23:28

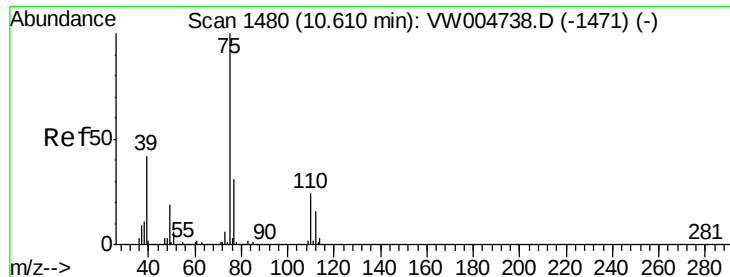
Tgt Ion: 92 Resp: 966461

Ion Ratio Lower Upper

92 100

91 172.2 138.3 207.5





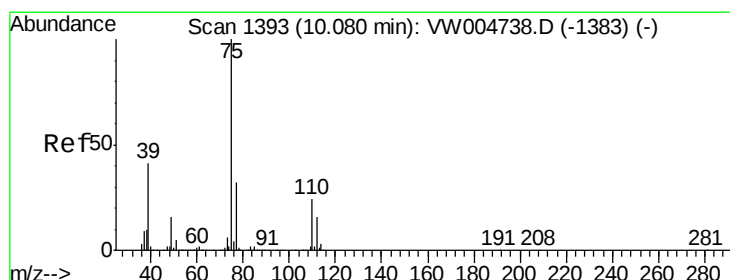
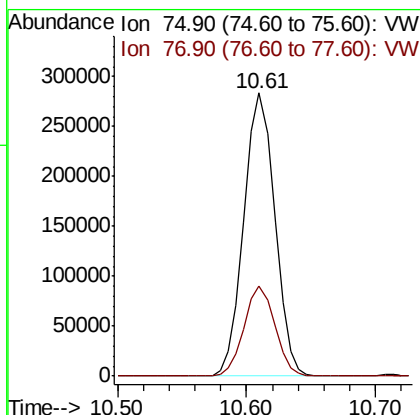
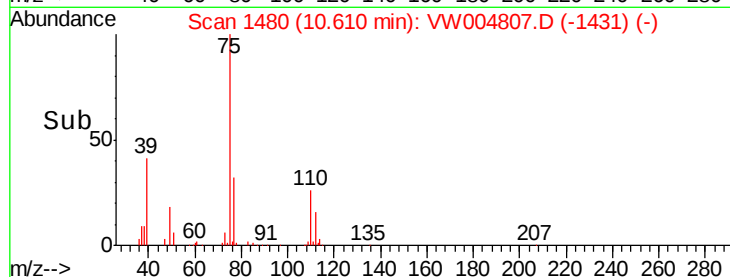
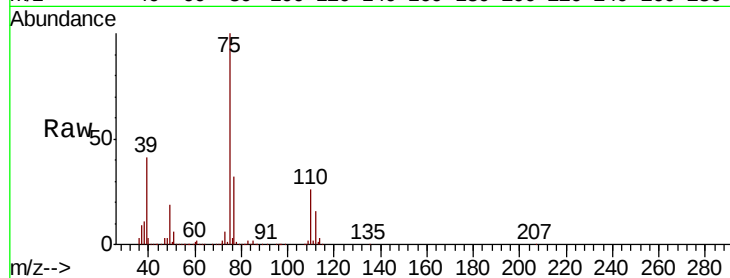
#53  
t-1,3-Dichloropropene  
Concen: 55.50 ug/l  
RT: 10.61 min Scan# 1480  
Delta R.T. -0.00 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tot Ion: 75 Resp: 472621  
Ion Ratio Lower Upper  
75 100  
77 31.9 24.8 37.2

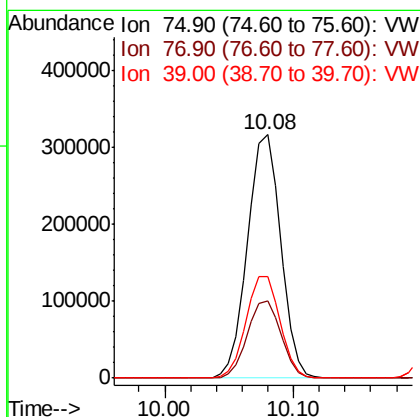
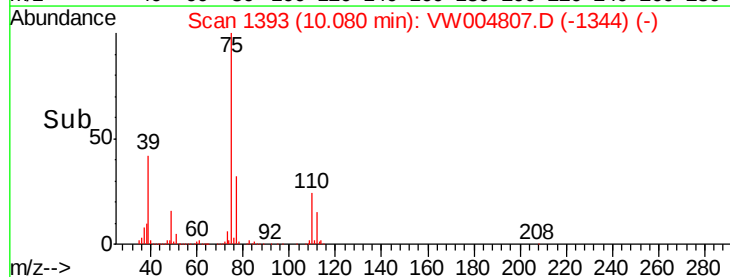
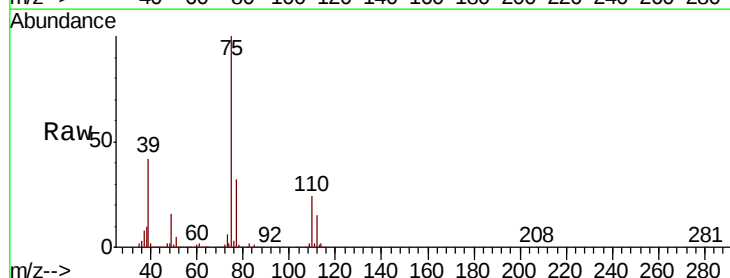
Manual Integrations  
APPROVED

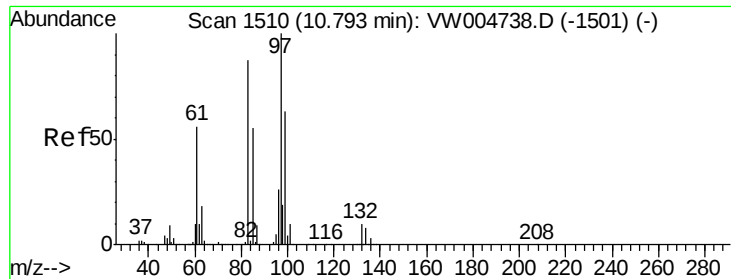
apatel  
8/21/2018 11:32:49 AM



#54  
cis-1,3-Dichloropropene  
Concen: 55.49 ug/l  
RT: 10.08 min Scan# 1393  
Delta R.T. 0.00 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

Tgt Ion: 75 Resp: 563413  
Ion Ratio Lower Upper  
75 100  
77 31.9 25.6 38.4  
39 41.7 33.0 49.4





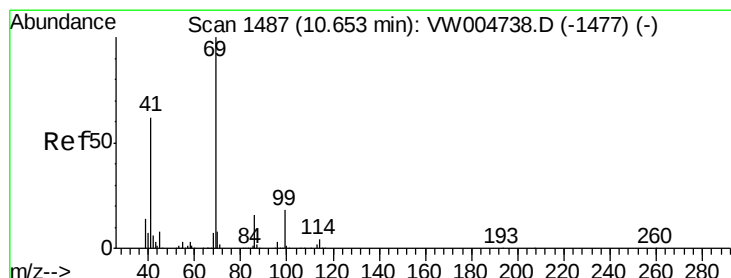
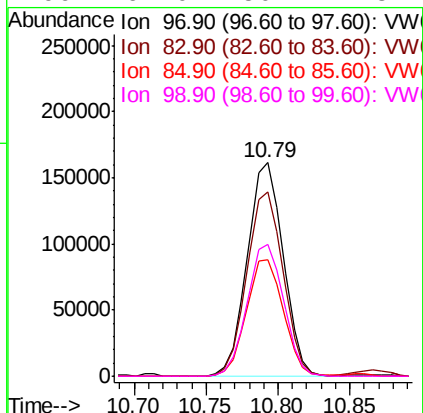
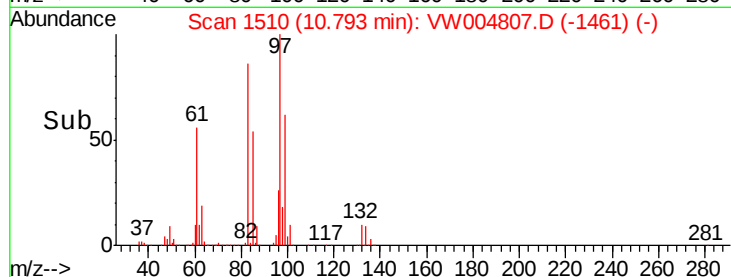
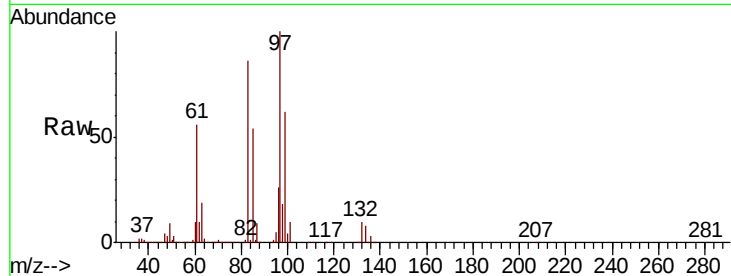
#55  
 1,1,2-Trichloroethane  
 Concen: 55.30 ug/l  
 RT: 10.79 min Scan# 1510  
 Delta R.T. 0.00 min  
 Lab File: VW004807.D  
 Acq: 20 Aug 2018 23:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 86.3  | 69.4  | 104.2 |
| 85      | 54.3  | 44.3  | 66.5  |
| 99      | 62.0  | 50.2  | 75.2  |

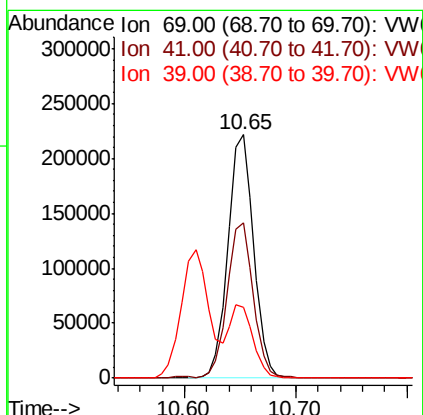
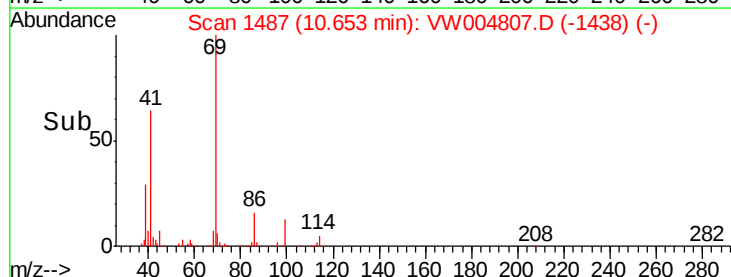
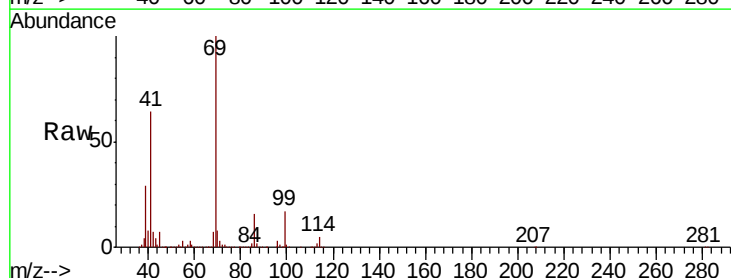
Manual Integrations  
 APPROVED

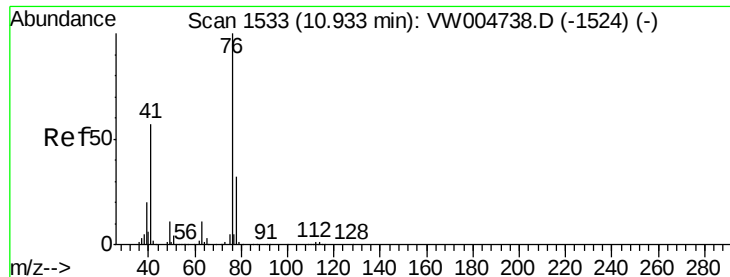
apatel  
 8/21/2018 11:32:49 AM



#56  
 Ethyl methacrylate  
 Concen: 53.70 ug/l  
 RT: 10.65 min Scan# 1487  
 Delta R.T. 0.00 min  
 Lab File: VW004807.D  
 Acq: 20 Aug 2018 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 63.8  | 50.7  | 76.1  |
| 39      | 27.1  | 21.4  | 32.2  |





#57

1,3-Dichloropropane

Concen: 55.54 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. -0.00 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 482315

Ion Ratio Lower Upper

76 100

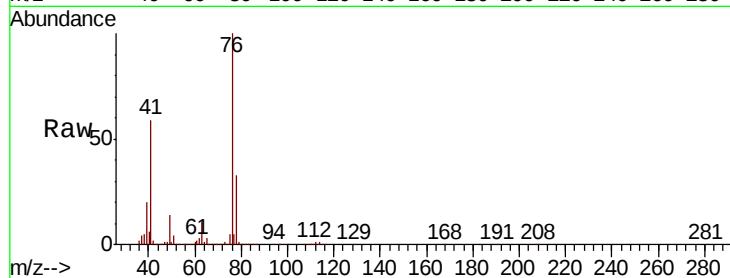
78 32.4 25.9 38.9

Manual Integrations

APPROVED

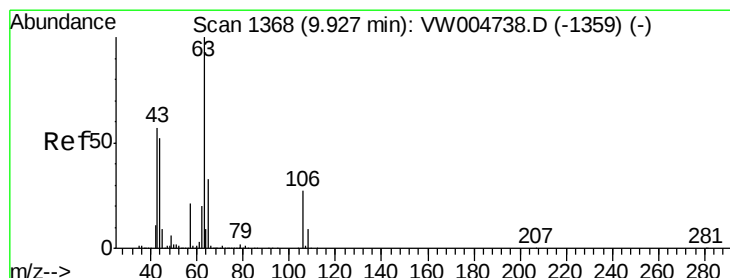
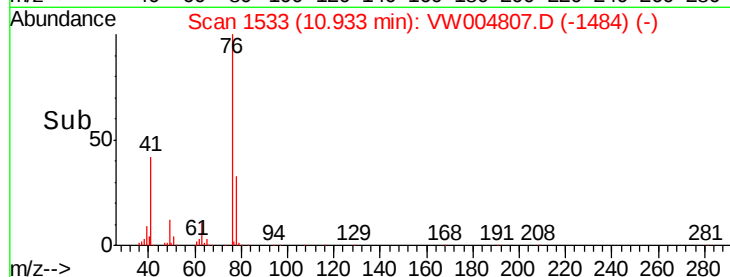
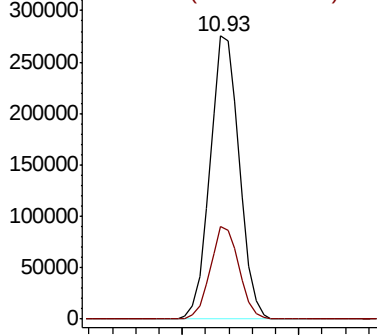
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 286.40 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VW004807.D

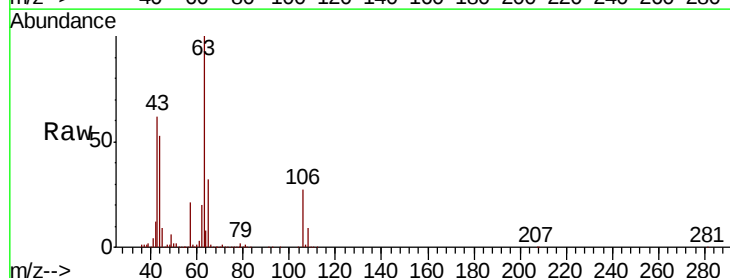
Acq: 20 Aug 2018 23:28

Tgt Ion: 63 Resp: 795761

Ion Ratio Lower Upper

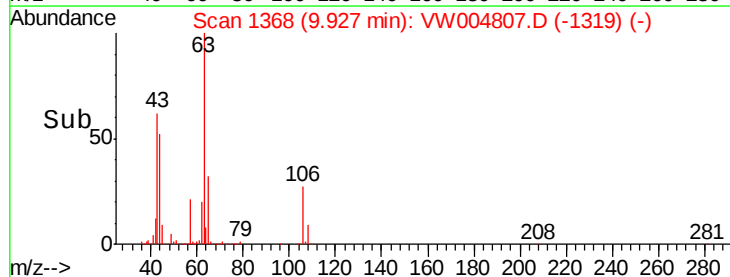
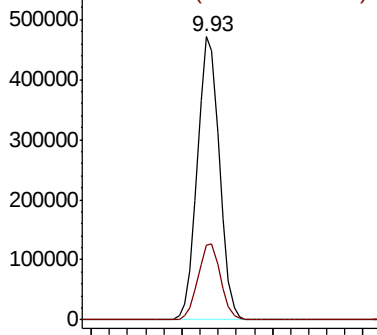
63 100

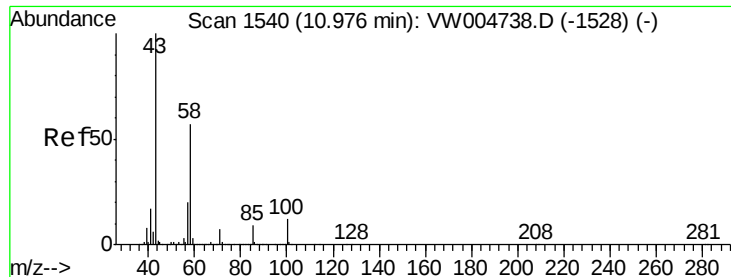
106 27.5 22.1 33.1



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V





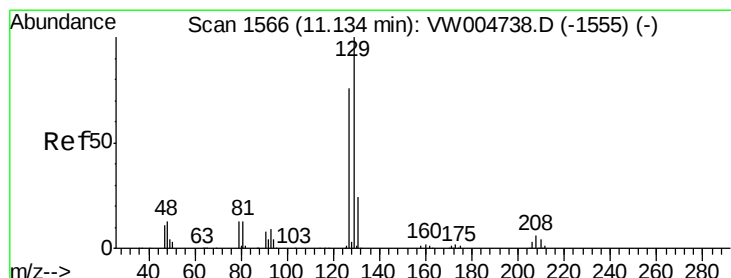
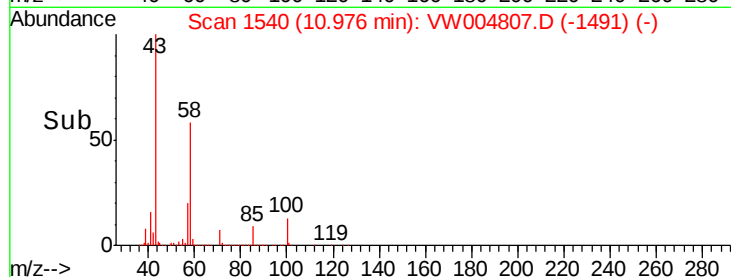
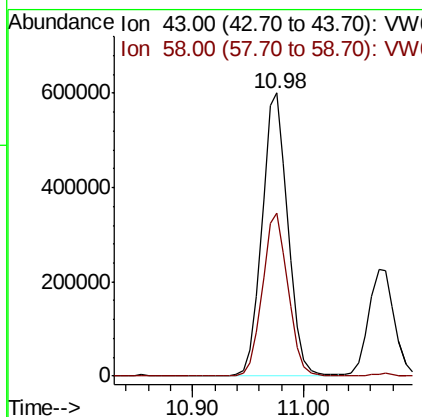
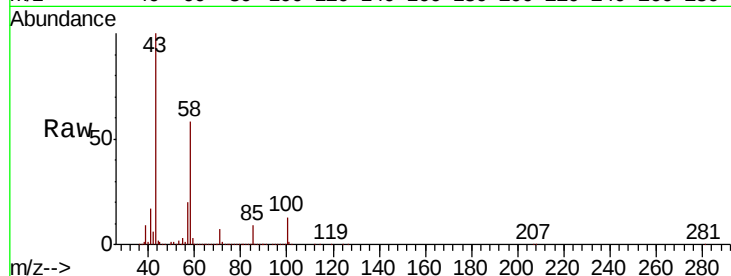
#59  
2-Hexanone  
Concen: 294.40 ug/l  
RT: 10.98 min Scan# 1540  
Delta R.T. 0.00 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 970133  
Ion Ratio Lower Upper  
43 100  
58 57.1 28.1 84.4

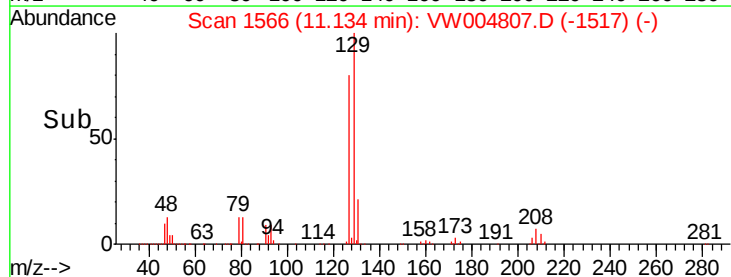
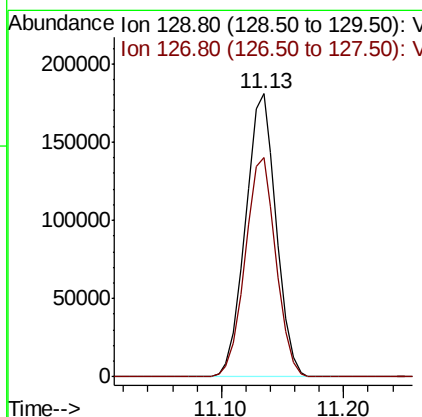
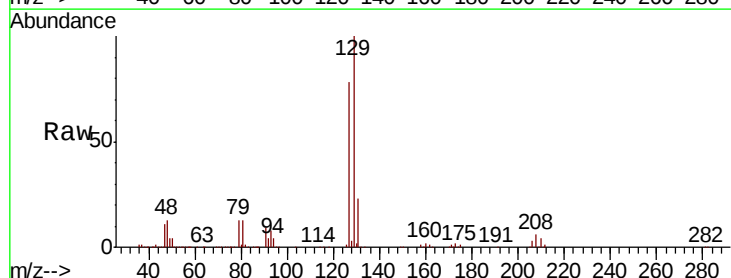
Manual Integrations  
APPROVED

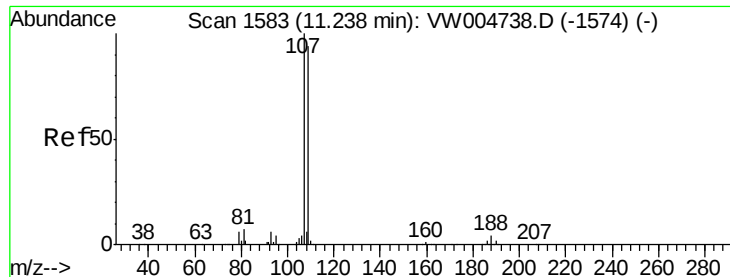
apatel  
8/21/2018 11:32:49 AM



#60  
Dibromochloromethane  
Concen: 55.73 ug/l  
RT: 11.13 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

Tgt Ion: 129 Resp: 314557  
Ion Ratio Lower Upper  
129 100  
127 77.9 38.5 115.5





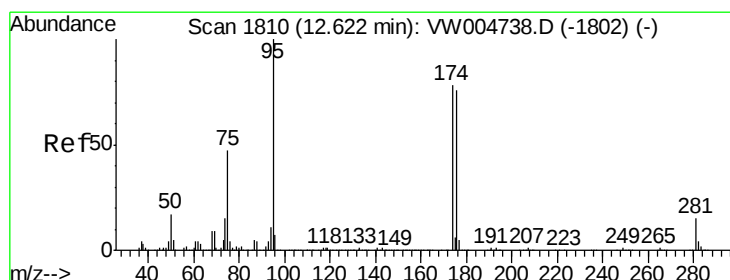
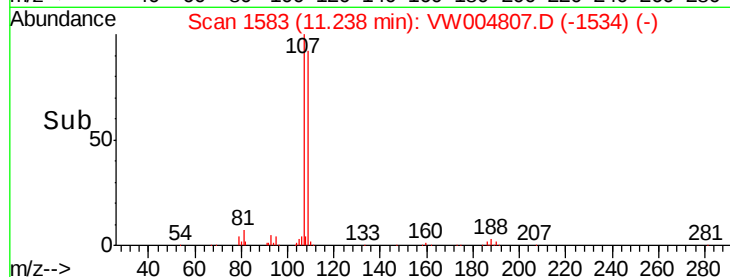
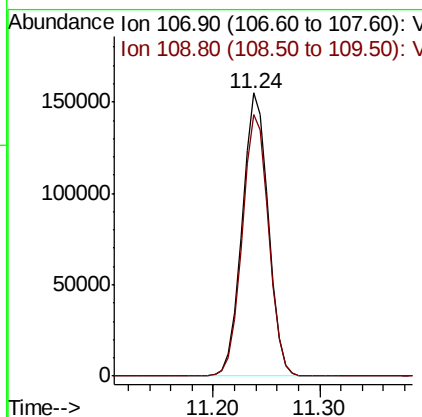
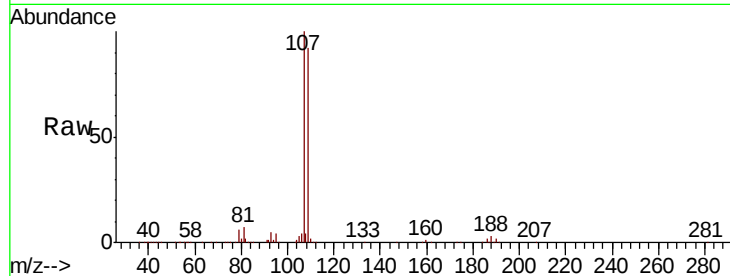
#61  
 1,2-Dibromoethane  
 Concen: 55.49 ug/l  
 RT: 11.24 min Scan# 1583  
 Delta R.T. -0.00 min  
 Lab File: VW004807.D  
 Acq: 20 Aug 2018 23:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 93.5  | 75.5  | 113.3 |

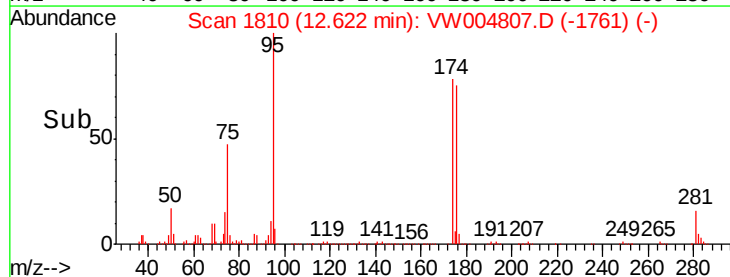
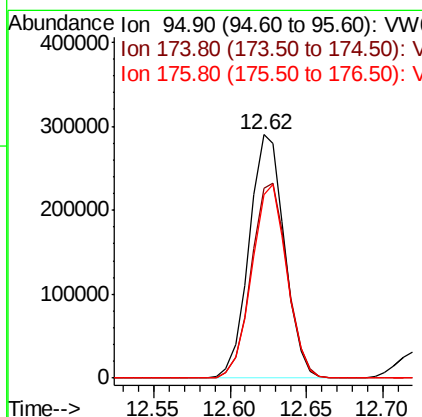
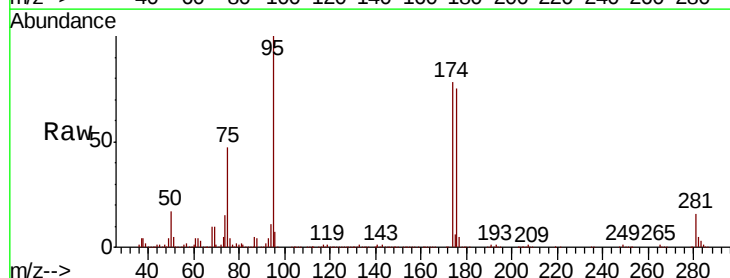
Manual Integrations  
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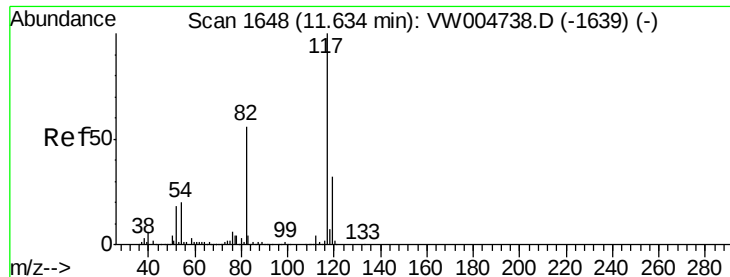
apatel  
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#62  
 4-Bromofluorobenzene  
 Concen: 53.23 ug/l  
 RT: 12.62 min Scan# 1810  
 Delta R.T. -0.00 min  
 Lab File: VW004807.D  
 Acq: 20 Aug 2018 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 81.5  | 0.0   | 165.8 |
| 176     | 79.1  | 0.0   | 159.8 |





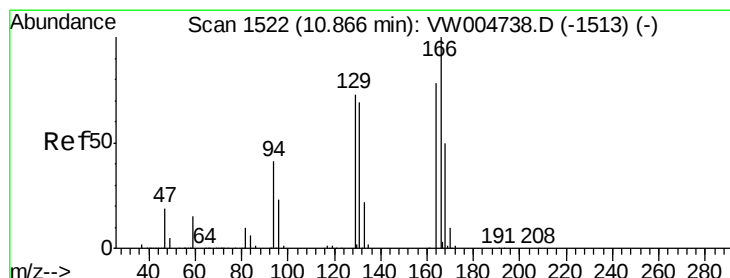
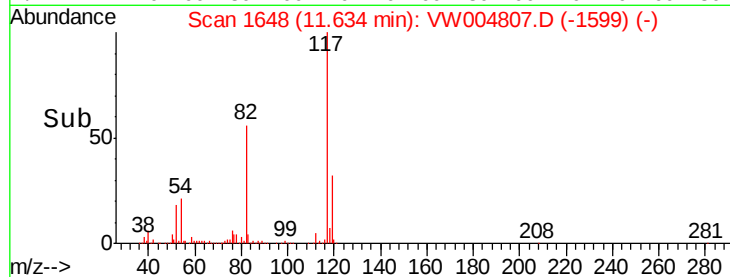
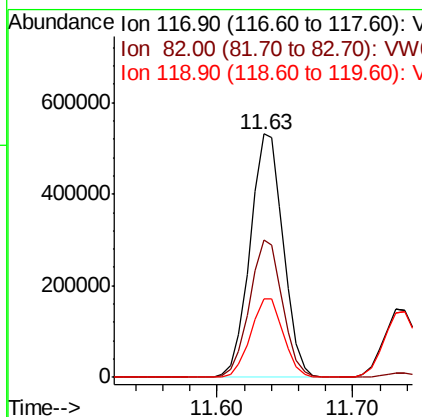
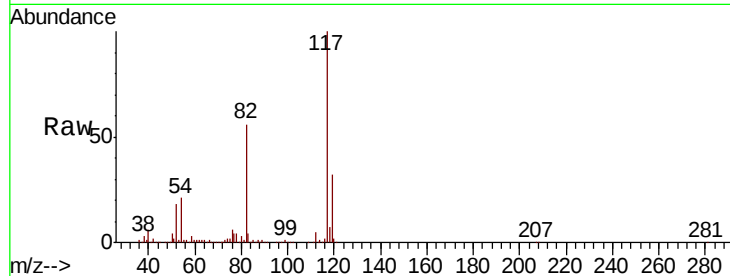
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.63 min Scan# 1648  
Delta R.T. 0.00 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 907730 |       |       |
| 82      | 56.2  |        | 44.6  | 67.0  |
| 119     | 32.1  |        | 25.6  | 38.4  |

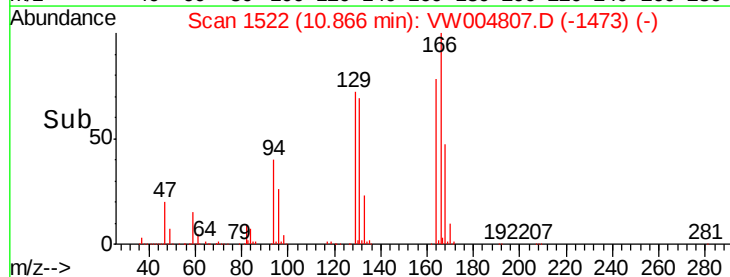
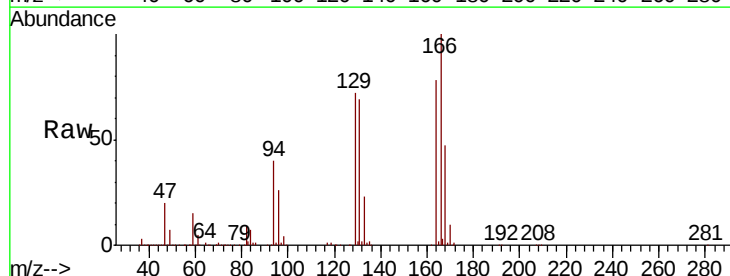
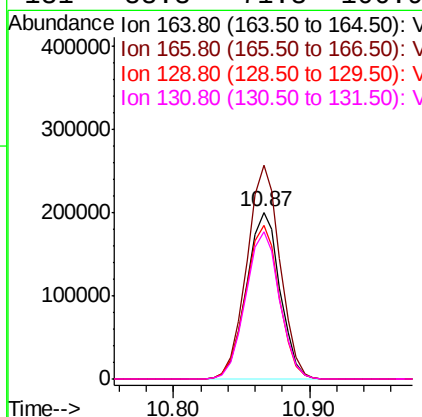
Manual Integrations  
APPROVED

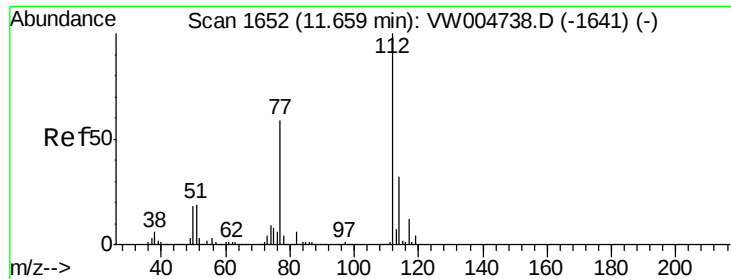
apatel  
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#64  
Tetrachloroethene  
Concen: 55.99 ug/l  
RT: 10.87 min Scan# 1522  
Delta R.T. -0.00 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 347312 |       |       |
| 166     | 128.0 |        | 102.5 | 153.7 |
| 129     | 92.3  |        | 75.1  | 112.7 |
| 131     | 88.3  |        | 71.3  | 106.9 |





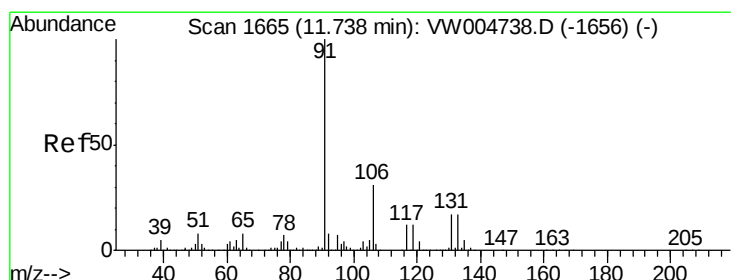
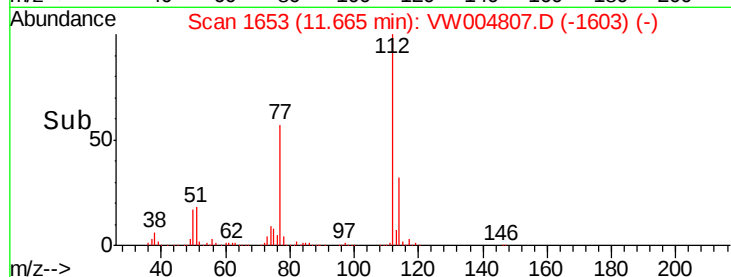
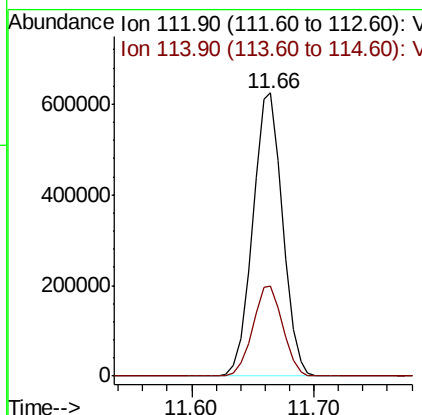
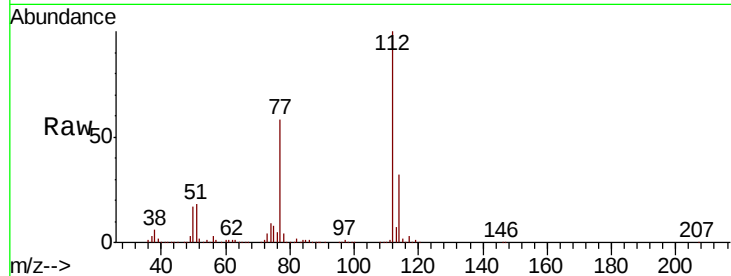
#65  
Chlorobenzene  
Concen: 54.28 ug/l  
RT: 11.66 min Scan# 1653  
Delta R.T. 0.01 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tot Ion:112 Resp: 1060461  
Ion Ratio Lower Upper  
112 100  
114 31.6 25.4 38.2

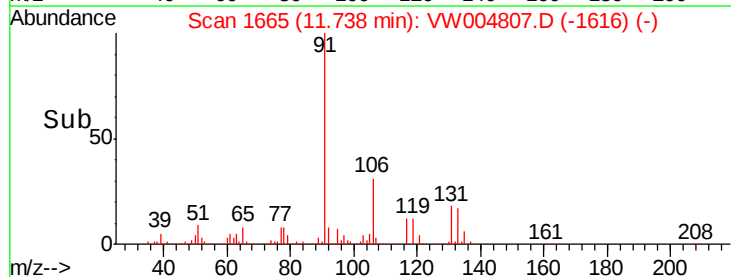
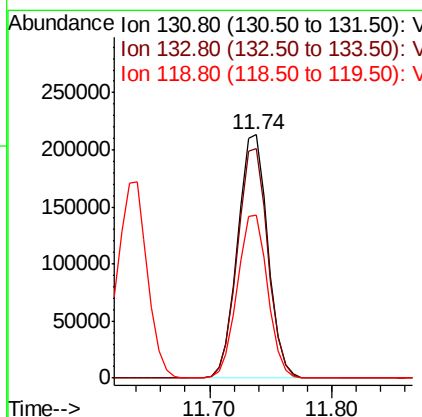
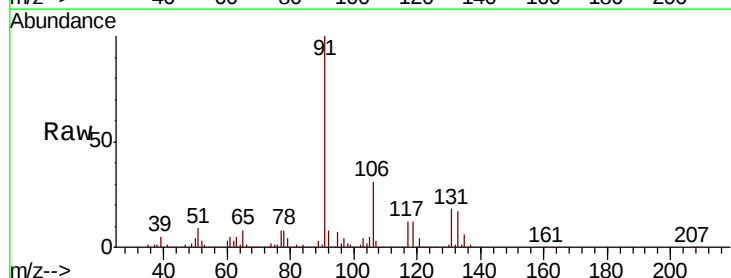
Manual Integrations  
APPROVED

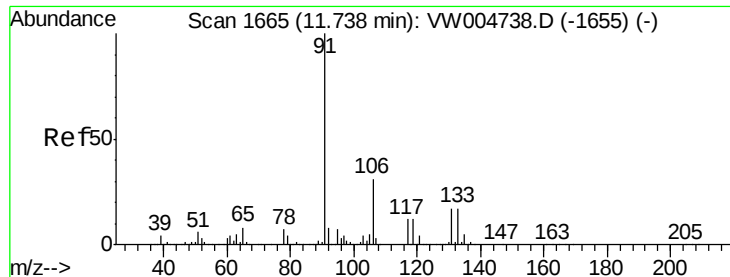
apatel  
8/21/2018 11:32:49 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 55.30 ug/l  
RT: 11.74 min Scan# 1665  
Delta R.T. -0.00 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

Tgt Ion:131 Resp: 364816  
Ion Ratio Lower Upper  
131 100  
133 94.9 48.2 144.6  
119 67.1 34.0 102.0





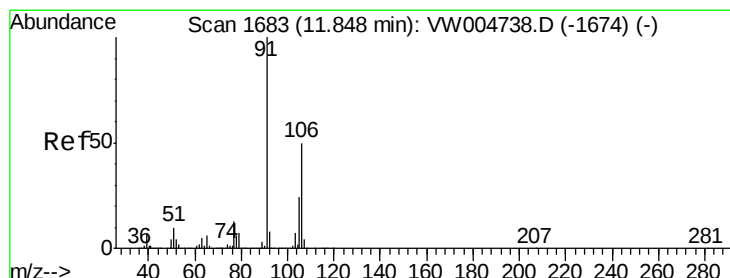
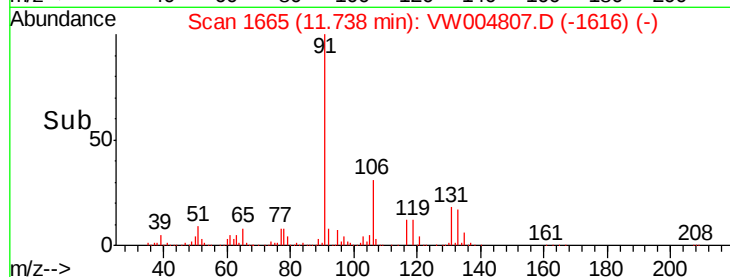
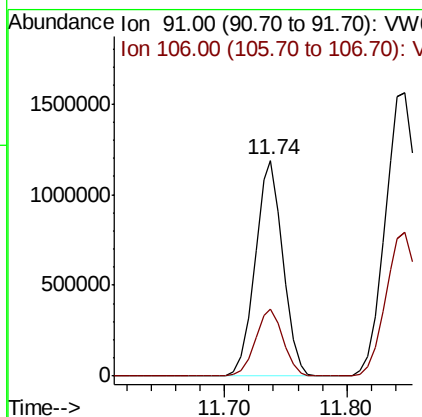
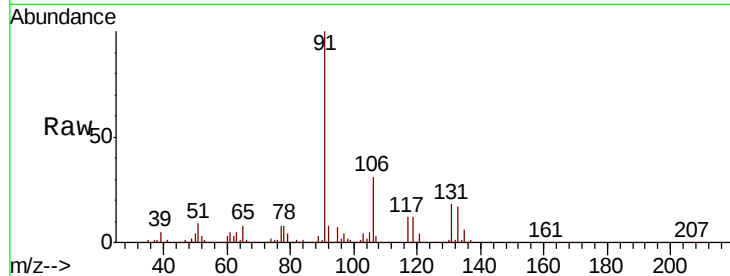
#67  
Ethyl Benzene  
Concen: 56.31 ug/l  
RT: 11.74 min Scan# 1665  
Delta R.T. -0.00 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 1864980  
Ion Ratio Lower Upper  
91 100  
106 31.1 24.9 37.3

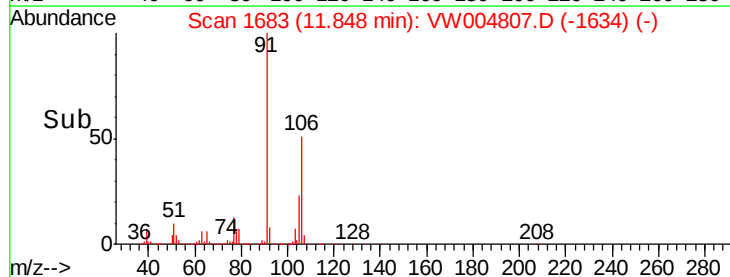
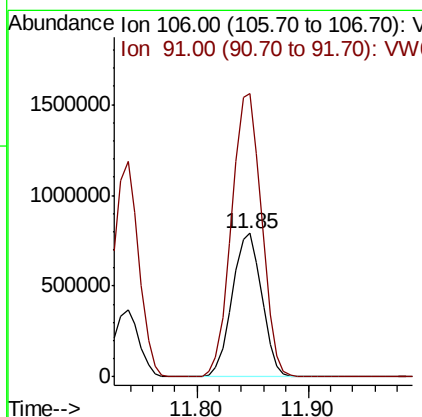
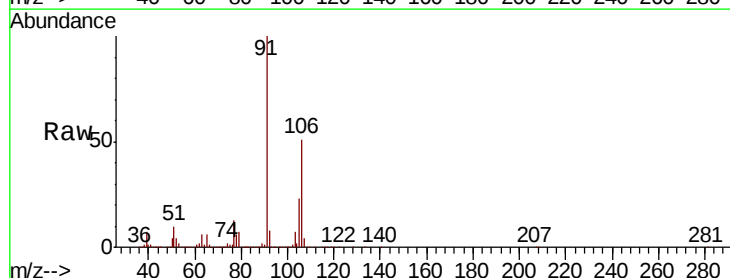
Manual Integrations  
APPROVED

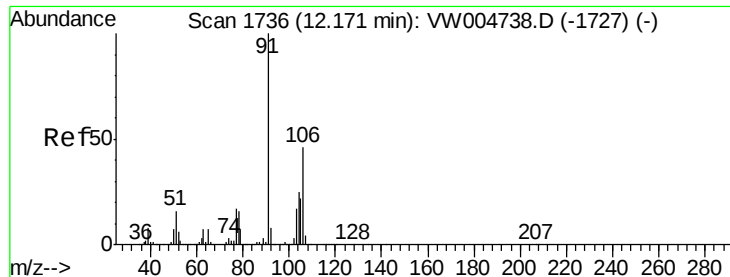
apatel  
8/21/2018 11:32:49 AM



#68  
m/p-Xylenes  
Concen: 113.15 ug/l  
RT: 11.85 min Scan# 1683  
Delta R.T. -0.00 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

Tgt Ion:106 Resp: 1458099  
Ion Ratio Lower Upper  
106 100  
91 199.9 159.9 239.9





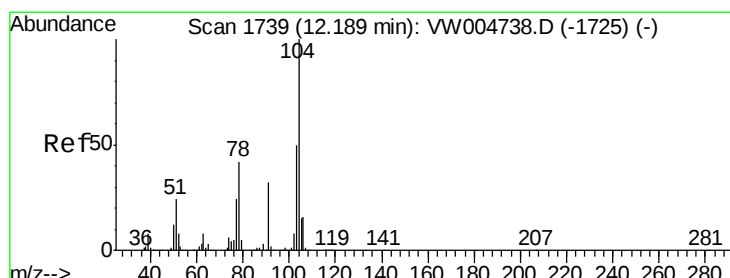
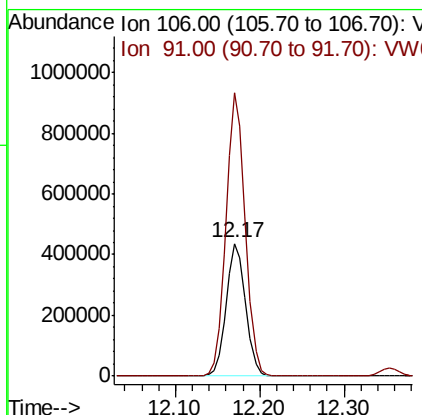
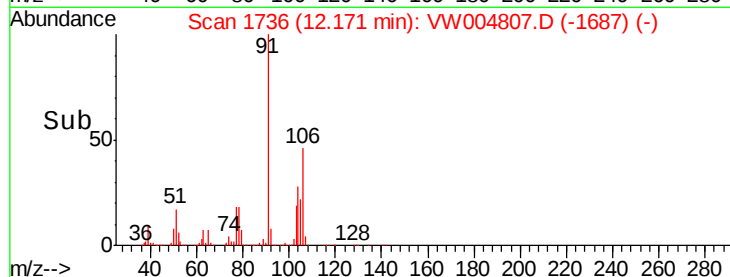
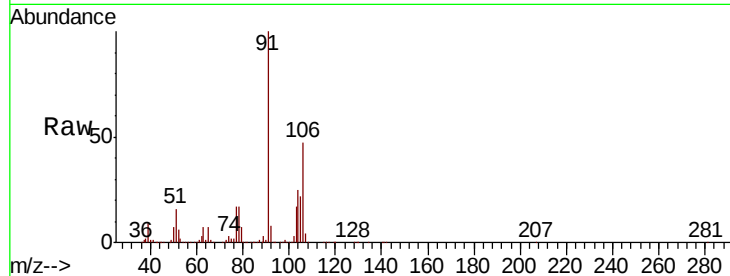
#69  
o-Xylene  
Concen: 57.55 ug/l  
RT: 12.17 min Scan# 1736  
Delta R.T. -0.00 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 211.6 | 107.3 | 321.8 |

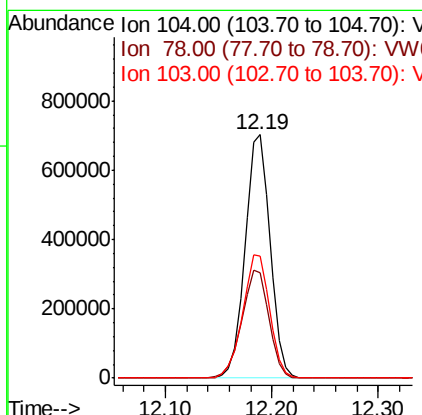
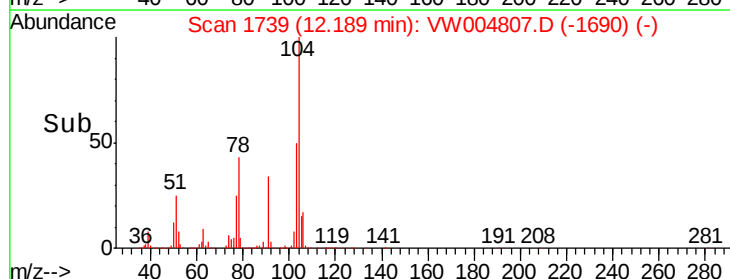
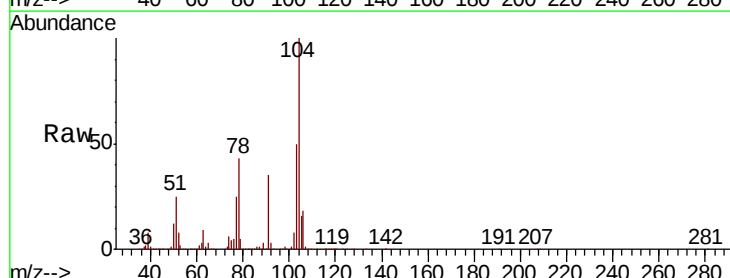
Manual Integrations  
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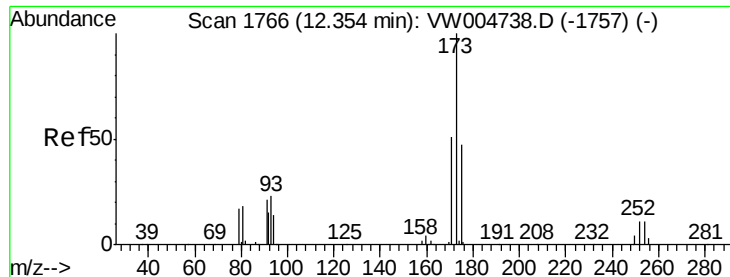
apatel  
8/21/2018 11:32:49 AM



#70  
Styrene  
Concen: 57.84 ug/l  
RT: 12.19 min Scan# 1739  
Delta R.T. -0.00 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 48.1  | 38.4  | 57.6  |
| 103     | 54.7  | 44.1  | 66.1  |





#71

Bromoform

Concen: 55.65 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. 0.00 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

Instrument :

MSVOA\_W

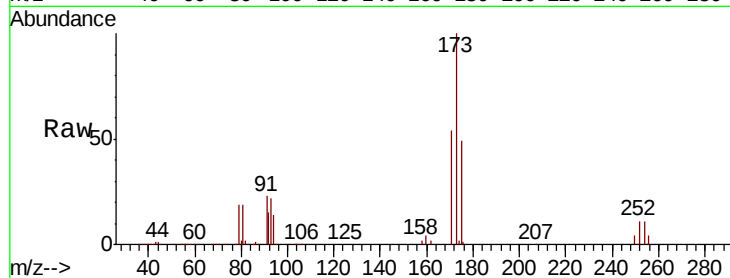
ClientSampleId :

VSTDCCC050

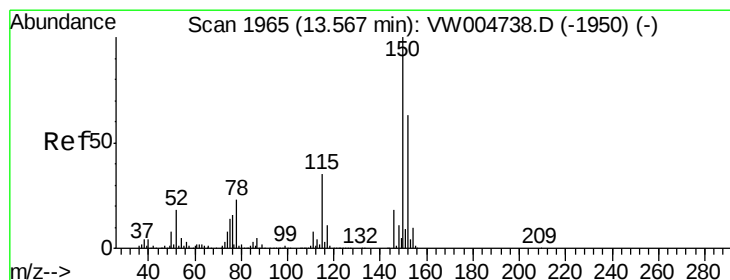
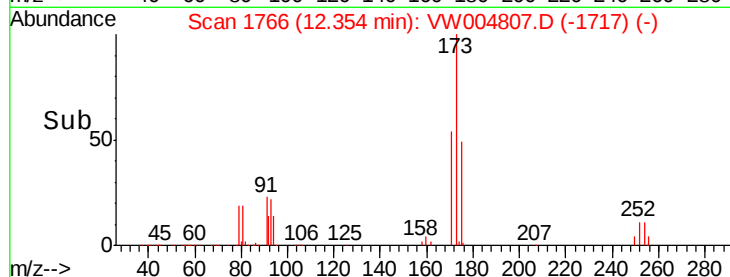
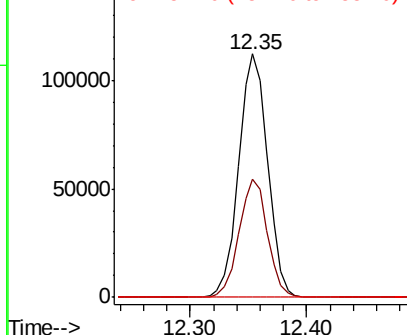
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 173   | Resp: | 193773 |
| Ion Ratio | Lower | Upper |        |
| 173       | 100   |       |        |
| 175       | 47.8  | 23.8  | 71.4   |
| 254       | 0.1   | 0.1   | 0.1    |

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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: 50.00 ug/l

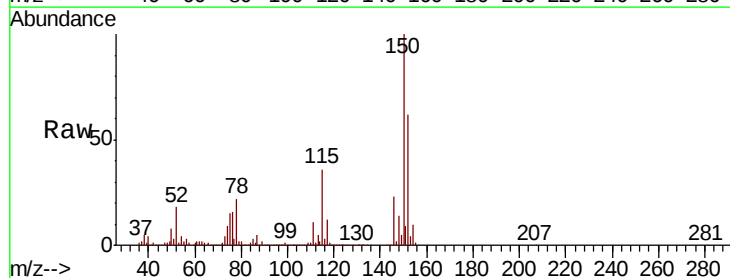
RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

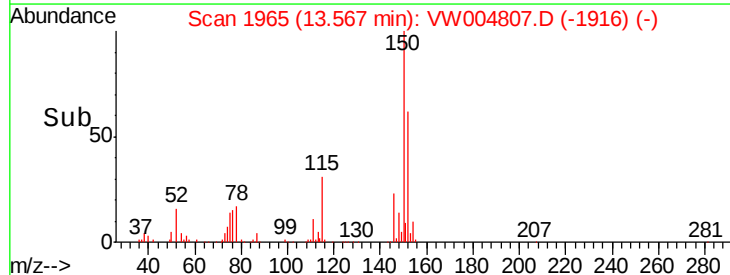
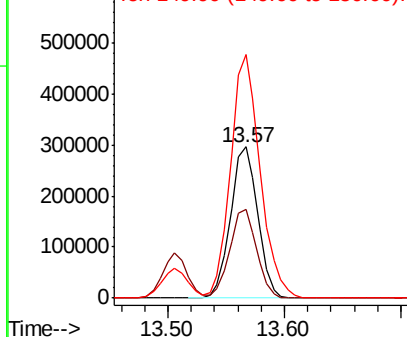
Lab File: VW004807.D

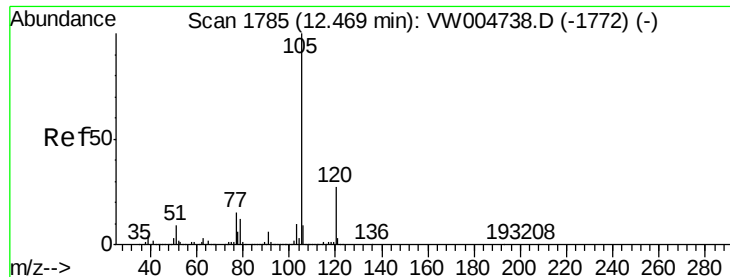
Acq: 20 Aug 2018 23:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 479424 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 58.0  | 28.5  | 85.5   |
| 150       | 175.5 | 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: 57.87 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. 0.00 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 1887480

Ion Ratio Lower Upper

105 100

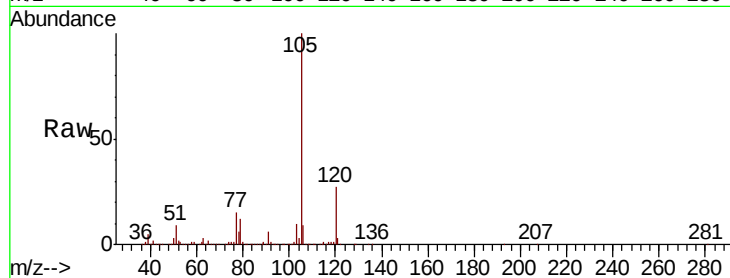
120 26.3 13.3 39.9

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

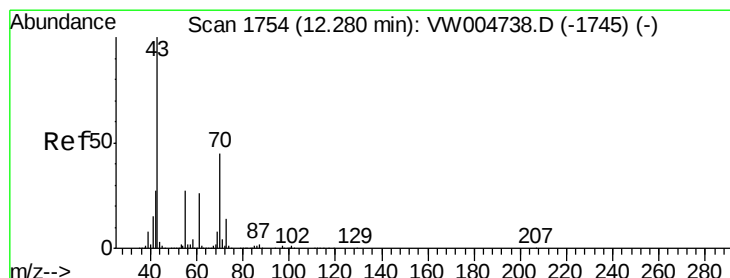
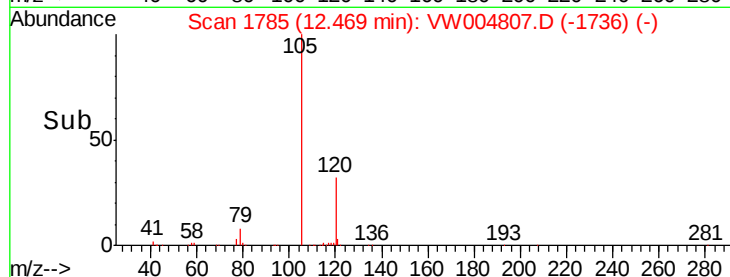
12.47

1000000

500000

0

Time-->



#74

N-ethyl acetate

Concen: 52.86 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. 0.00 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

Tgt Ion: 43 Resp: 405679

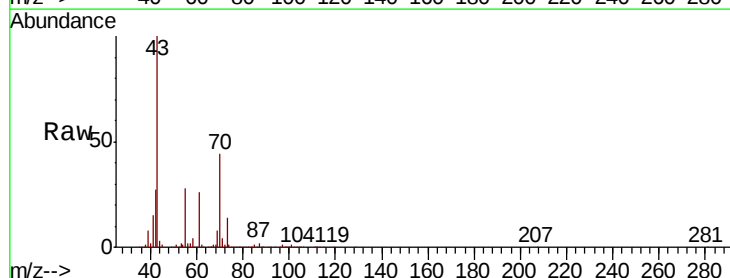
Ion Ratio Lower Upper

43 100

70 44.3 36.3 54.5

55 28.0 22.6 33.8

61 25.1 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV

400000

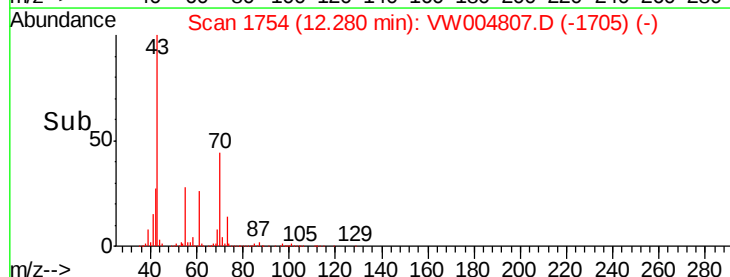
300000

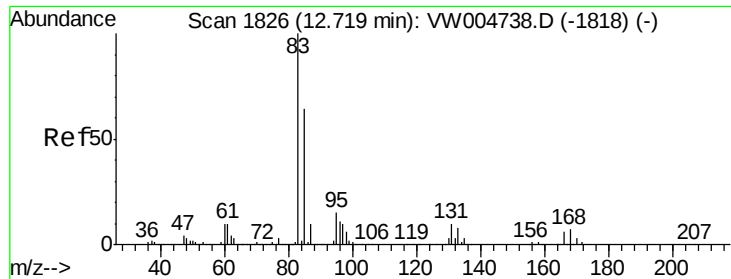
200000

100000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 56.31 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. 0.00 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

Instrument :

MSVOA\_W

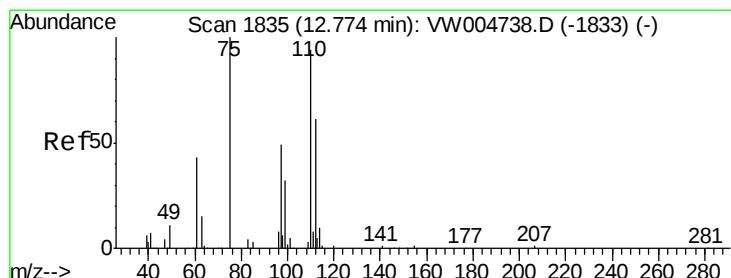
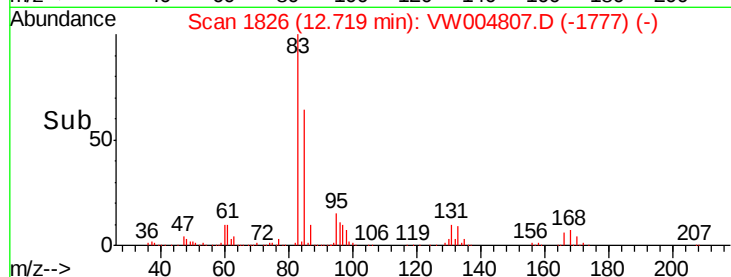
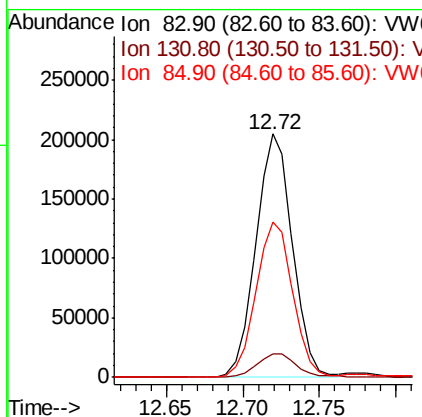
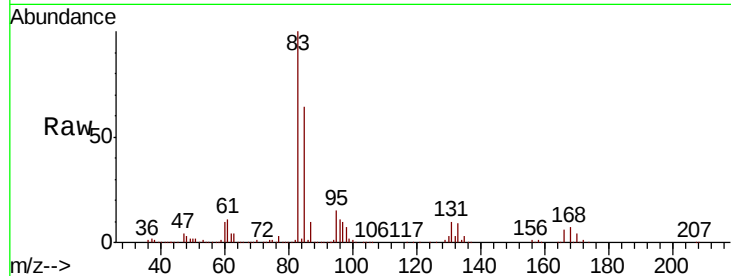
ClientSampled :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 340218 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.5  | 5.3   | 15.8   |
| 85        | 64.2  | 31.9  | 95.9   |

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#76

1,2,3-Trichloropropane

Concen: 51.68 ug/l m

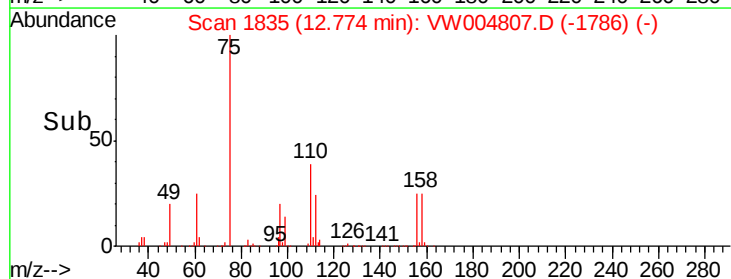
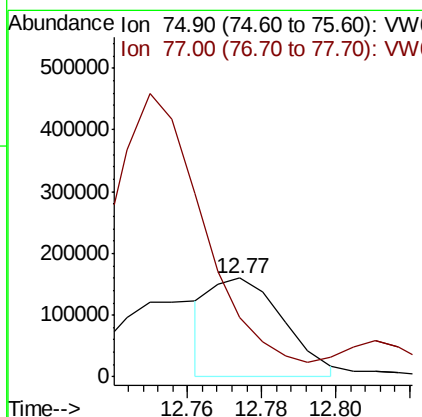
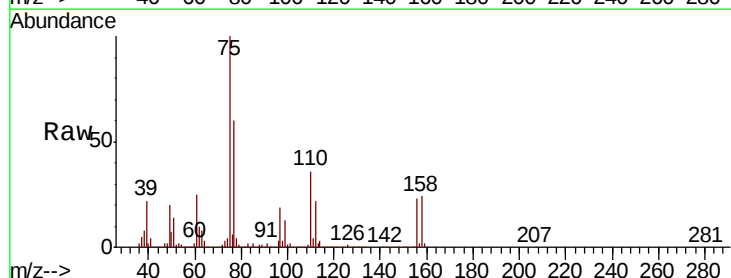
RT: 12.77 min Scan# 1835

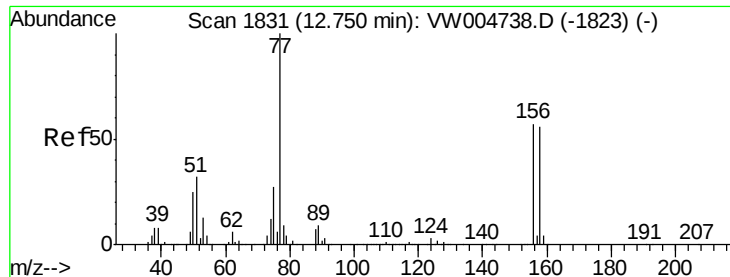
Delta R.T. -0.00 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 218397 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 0.0   | 0.0   | 0.0    |





#77

Bromobenzene

Concen: 55.69 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

Instrument :

MSVOA\_W

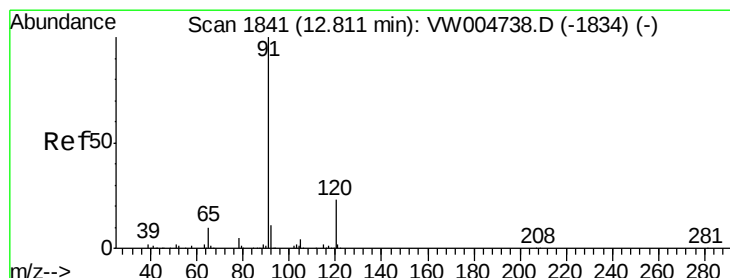
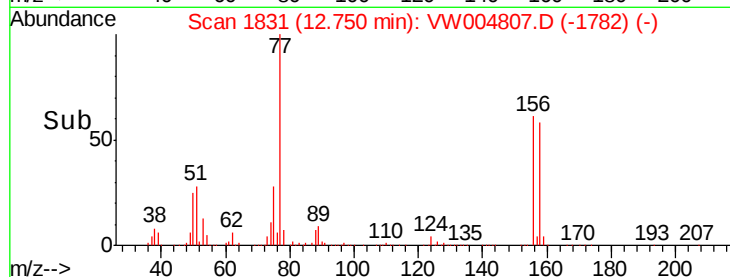
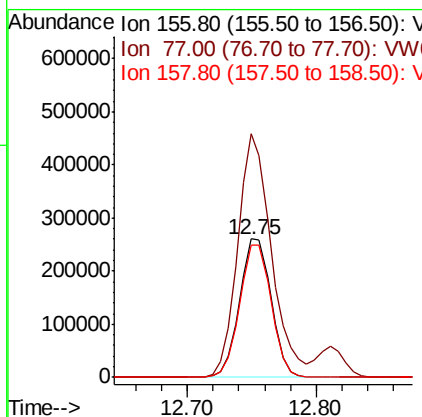
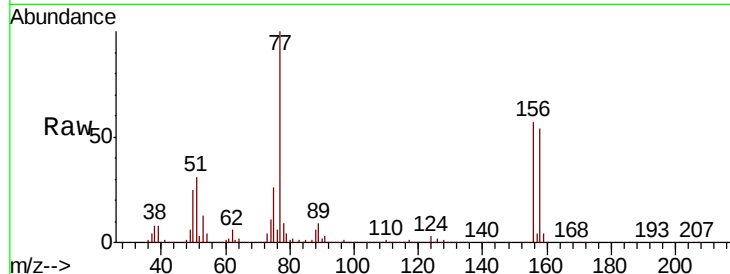
ClientSampleId :

VSTDCCC050

| Tot Ion | Ion   | Ratio | Lower | Upper |
|---------|-------|-------|-------|-------|
| 156     | 100   |       |       |       |
| 77      | 188.0 | 94.2  | 282.4 |       |
| 158     | 96.1  | 48.6  | 145.9 |       |

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#78

n-propylbenzene

Concen: 57.50 ug/l

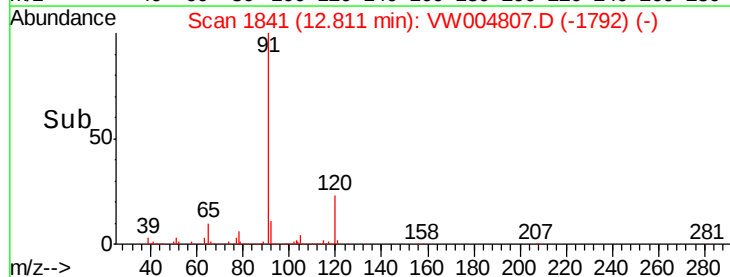
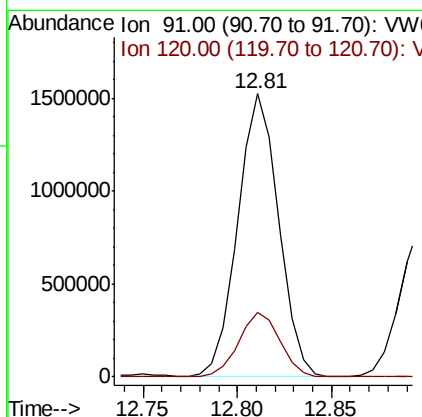
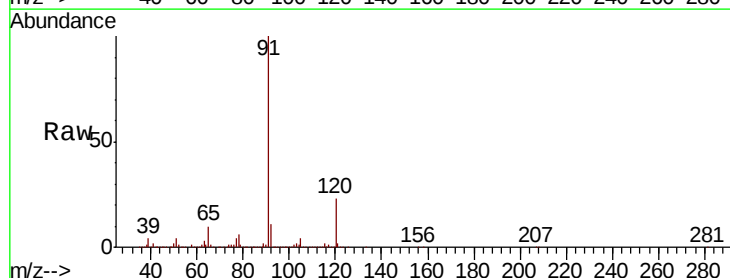
RT: 12.81 min Scan# 1841

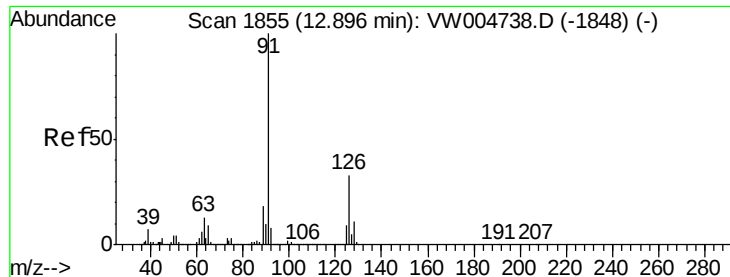
Delta R.T. 0.00 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 91      | 100  |       |       |       |
| 120     | 22.8 | 11.4  | 34.2  |       |





#79

2-Chlorotoluene

Concen: 56.87 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. 0.00 min

Lab File: VW004807.D

Acq: 20 Aug 2018 23:28

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1304727

Ion Ratio Lower Upper

91 100

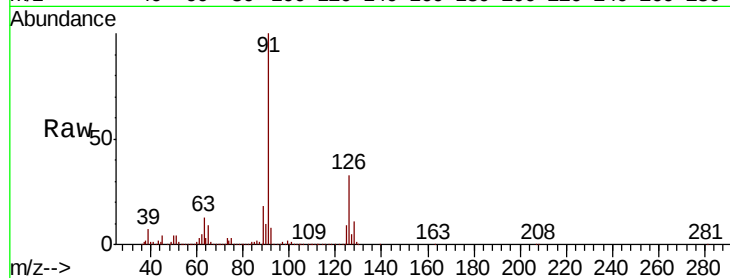
126 33.7 17.0 51.0

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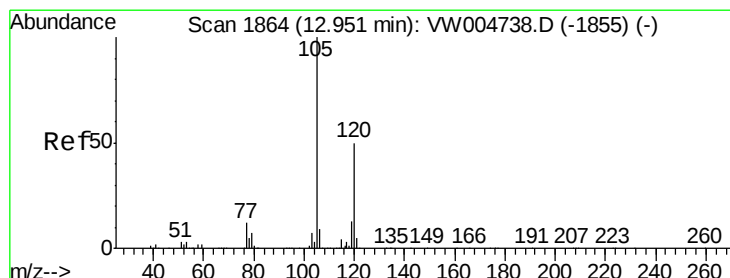
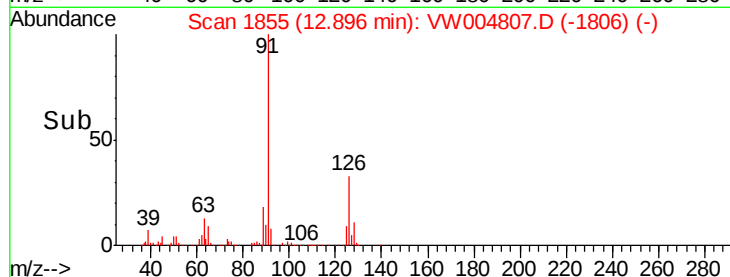
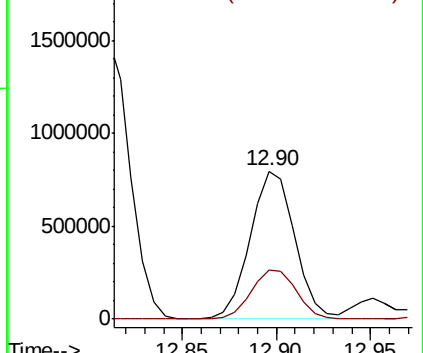
apatel

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 58.03 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VW004807.D

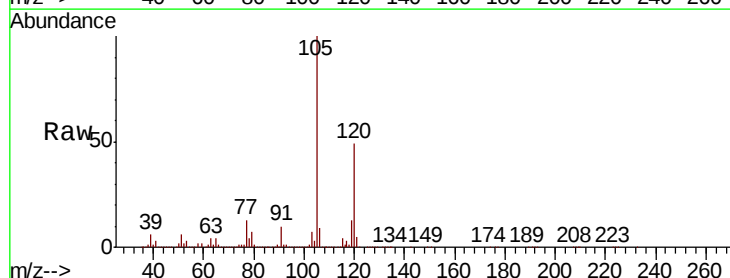
Acq: 20 Aug 2018 23:28

Tgt Ion:105 Resp: 1608068

Ion Ratio Lower Upper

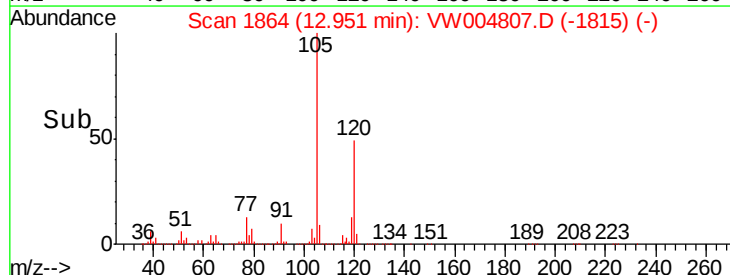
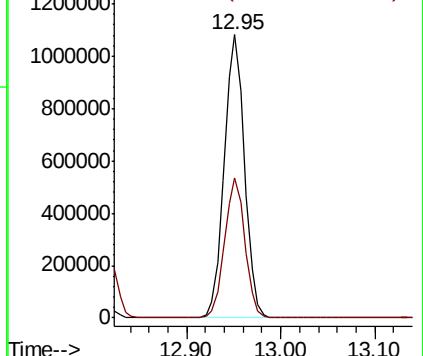
105 100

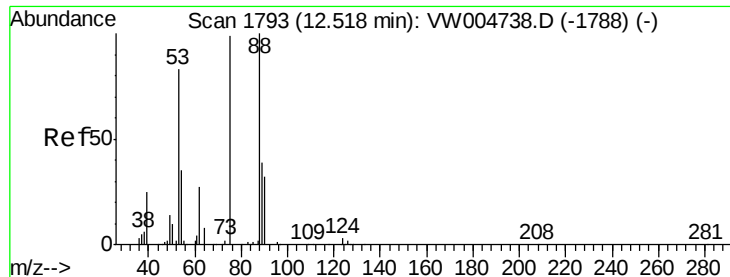
120 49.4 24.7 74.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





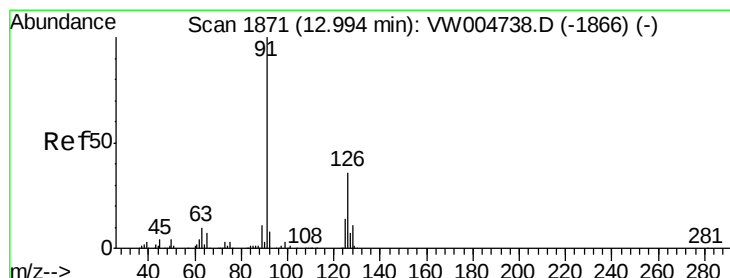
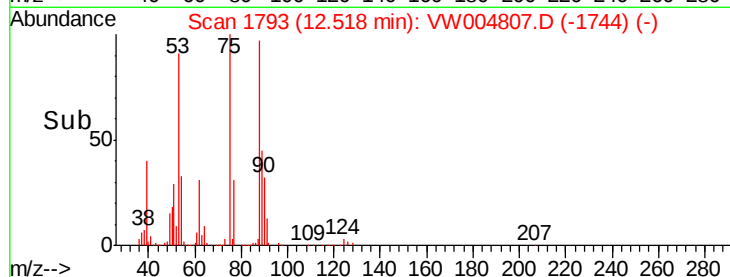
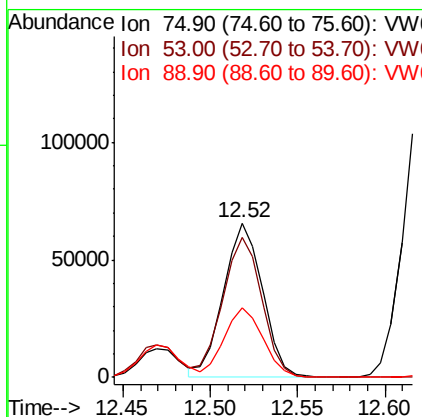
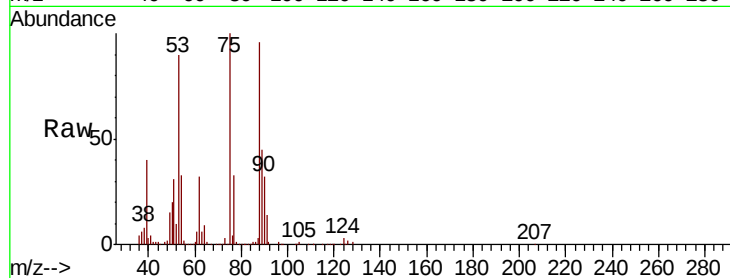
#81  
trans-1,4-Dichloro-2-butene  
Concen: 55.72 ug/l  
RT: 12.52 min Scan# 1793  
Delta R.T. 0.00 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 91.9  | 72.2  | 108.4 |
| 89      | 45.0  | 35.2  | 52.8  |

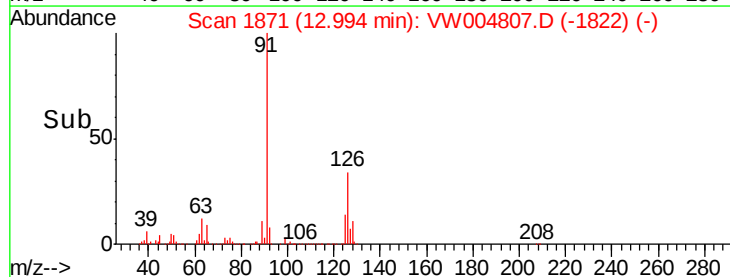
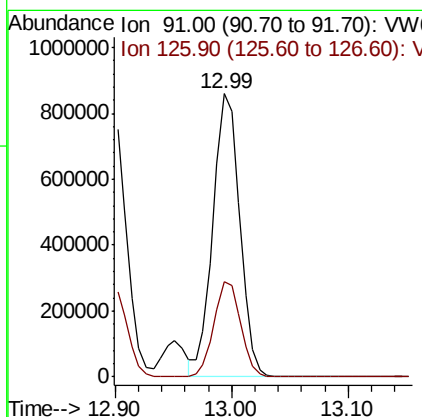
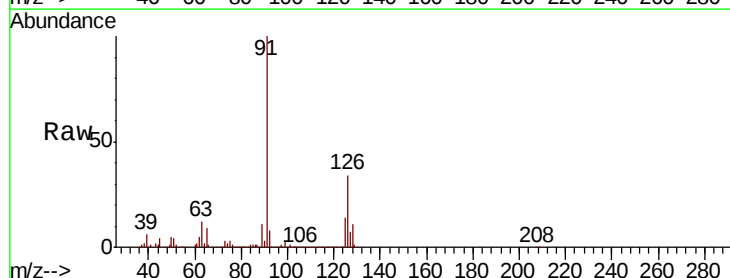
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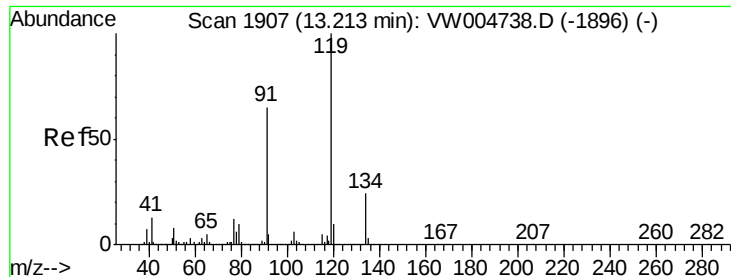
apatel  
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#82  
4-Chlorotoluene  
Concen: 56.01 ug/l  
RT: 12.99 min Scan# 1871  
Delta R.T. -0.00 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 33.6  | 16.9  | 50.7  |





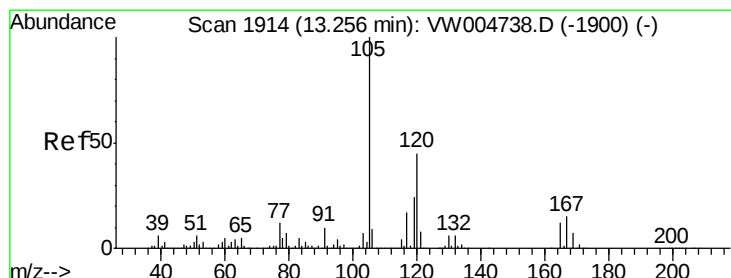
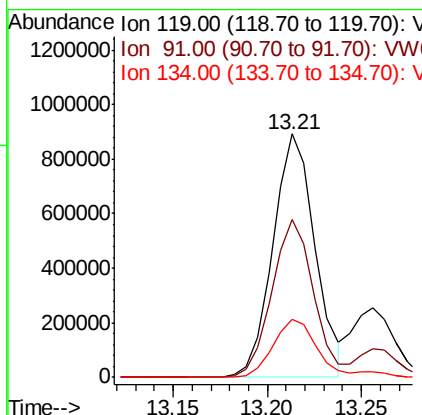
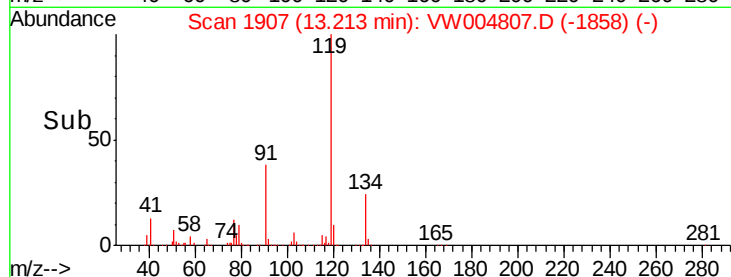
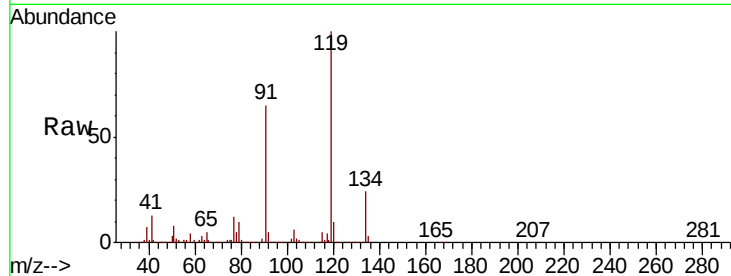
#83  
tert-Butylbenzene  
Concen: 58.18 ug/l  
RT: 13.21 min Scan# 1907  
Delta R.T. 0.00 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 64.8  | 32.6  | 97.8  |
| 134     | 26.0  | 13.1  | 39.3  |

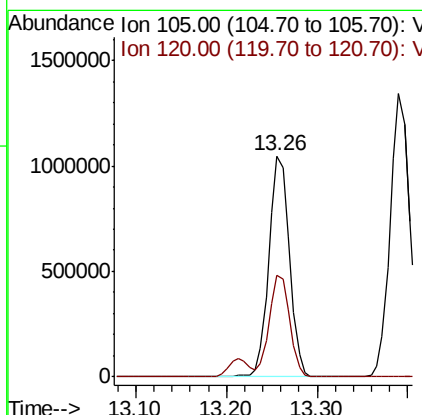
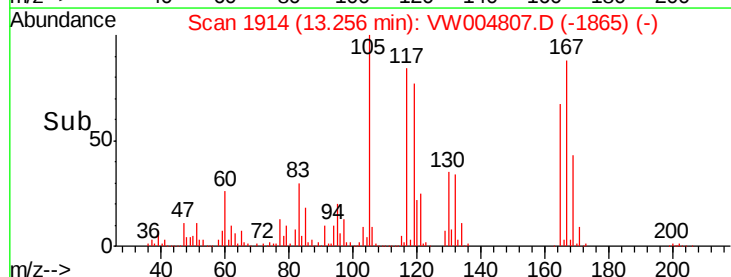
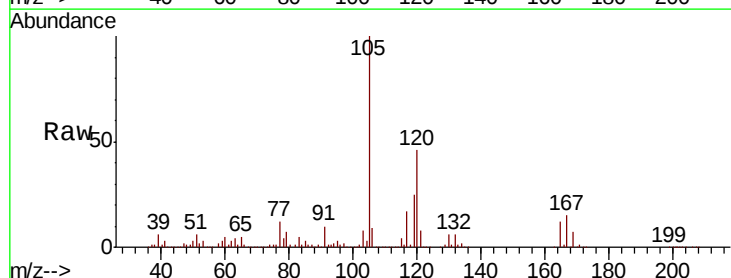
Manual Integrations  
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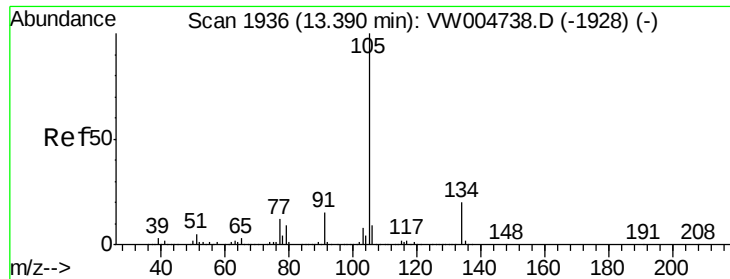
apatel  
8/21/2018 11:32:49 AM



#84  
1,2,4-Trimethylbenzene  
Concen: 57.73 ug/l  
RT: 13.26 min Scan# 1914  
Delta R.T. -0.00 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 45.5  | 22.8  | 68.3  |





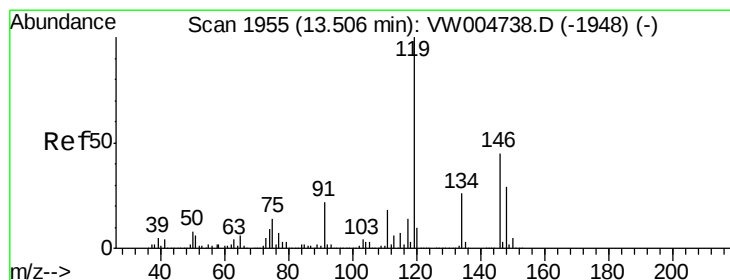
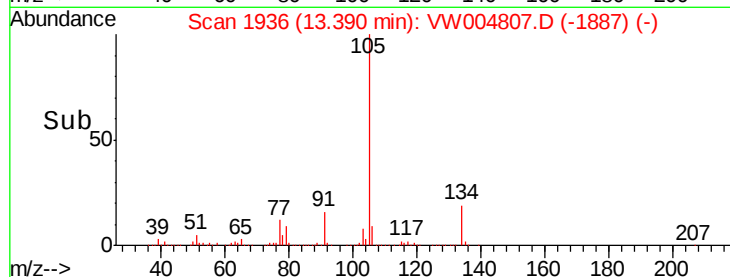
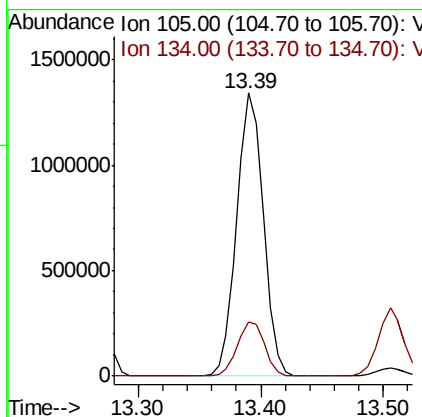
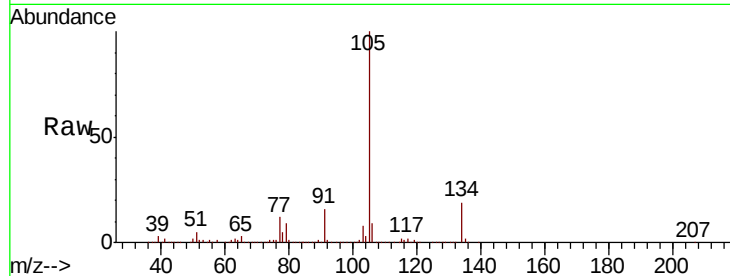
#85  
 sec-Butylbenzene  
 Concen: 57.11 ug/l  
 RT: 13.39 min Scan# 1936  
 Delta R.T. 0.00 min  
 Lab File: VW004807.D  
 Acq: 20 Aug 2018 23:28

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 19.7  | 10.0  | 29.8  |

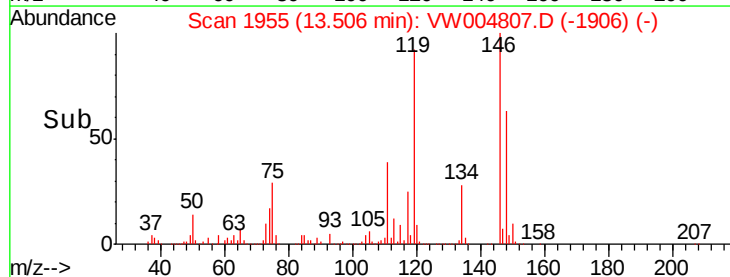
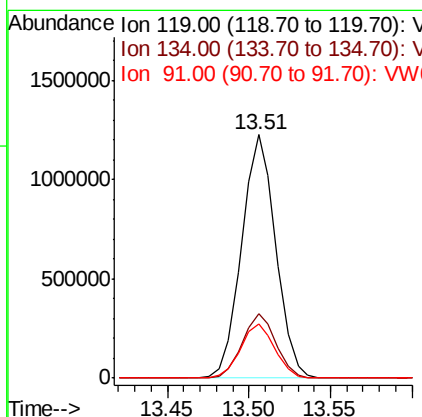
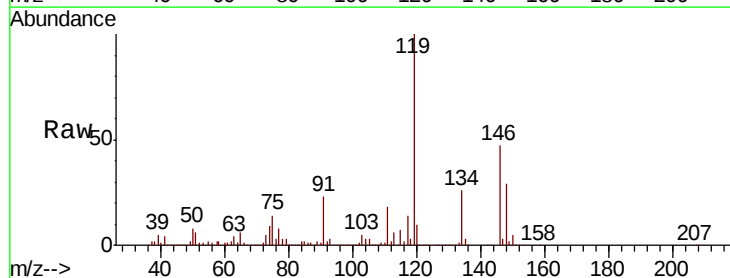
Manual Integrations  
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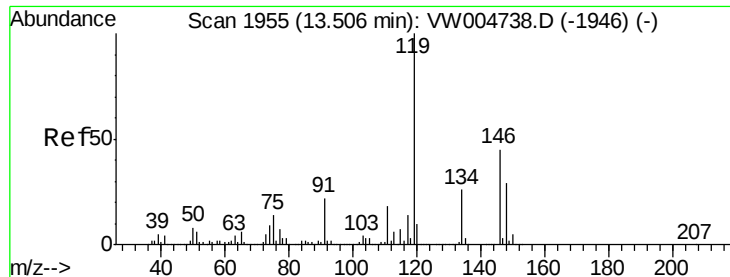
apatel  
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#86  
 p-Isopropyltoluene  
 Concen: 57.78 ug/l  
 RT: 13.51 min Scan# 1955  
 Delta R.T. 0.00 min  
 Lab File: VW004807.D  
 Acq: 20 Aug 2018 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.2  | 13.1  | 39.3  |
| 91      | 22.4  | 11.2  | 33.5  |





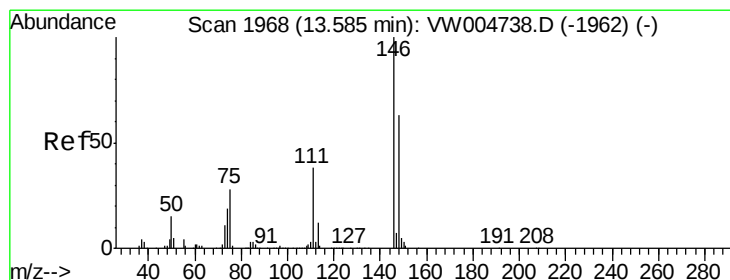
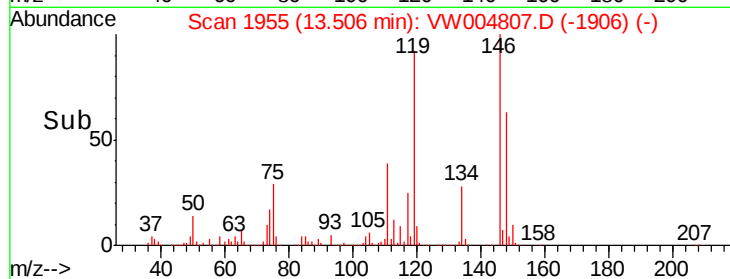
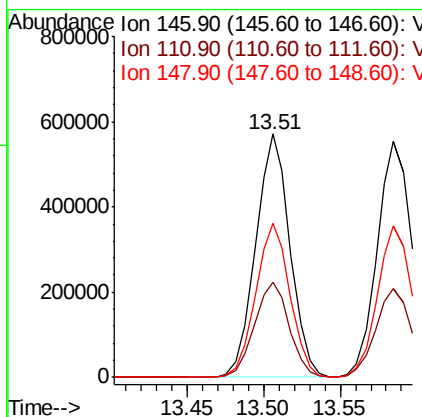
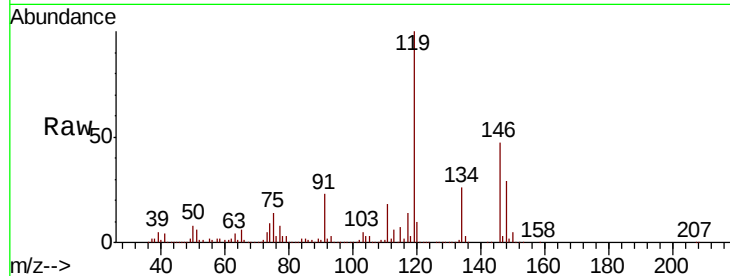
#87  
 1,3-Dichlorobenzene  
 Concen: 55.29 ug/l  
 RT: 13.51 min Scan# 1955  
 Delta R.T. 0.00 min  
 Lab File: VW004807.D  
 Acq: 20 Aug 2018 23:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 887886 |       |       |
| 111     | 39.6  | 19.8   | 59.4  |       |
| 148     | 63.3  | 31.9   | 95.9  |       |

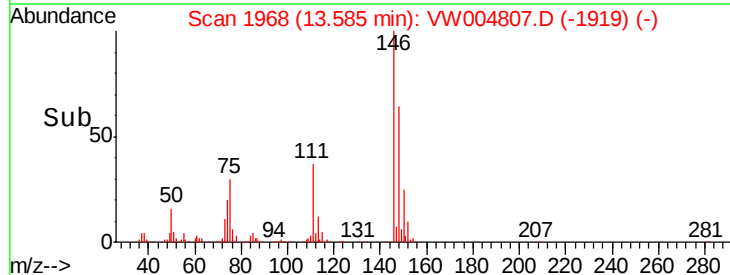
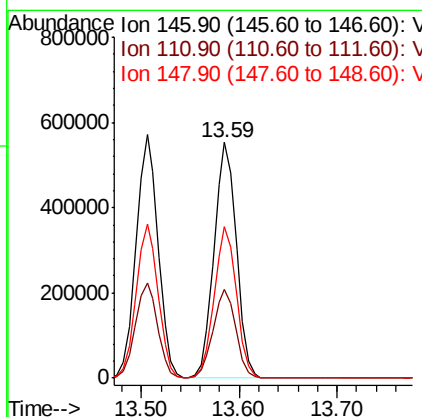
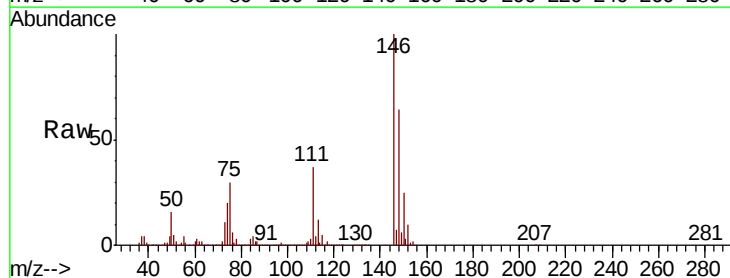
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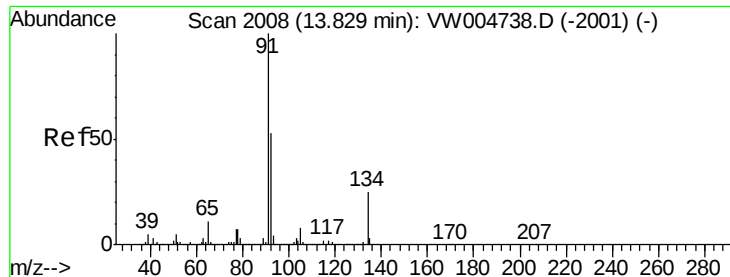
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#88  
 1,4-Dichlorobenzene  
 Concen: 54.51 ug/l  
 RT: 13.59 min Scan# 1968  
 Delta R.T. 0.00 min  
 Lab File: VW004807.D  
 Acq: 20 Aug 2018 23:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 874920 |       |       |
| 111     | 38.1  | 19.3   | 57.8  |       |
| 148     | 63.5  | 31.8   | 95.3  |       |





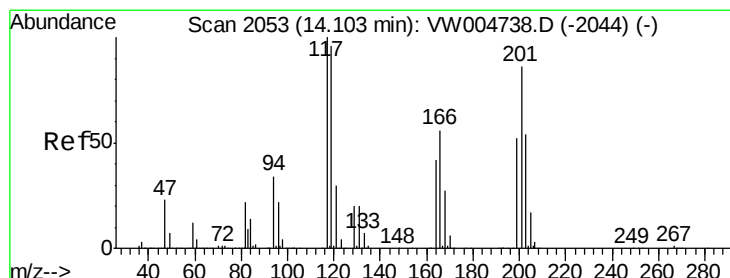
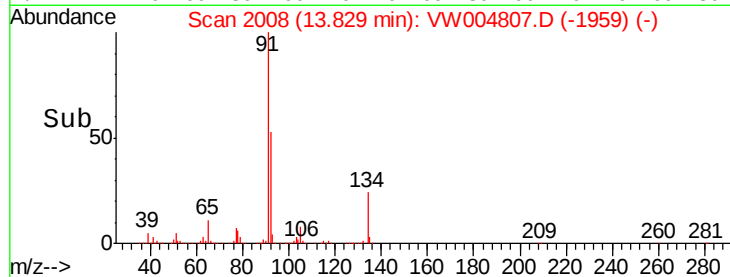
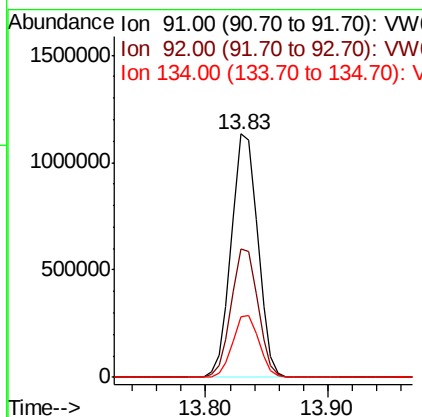
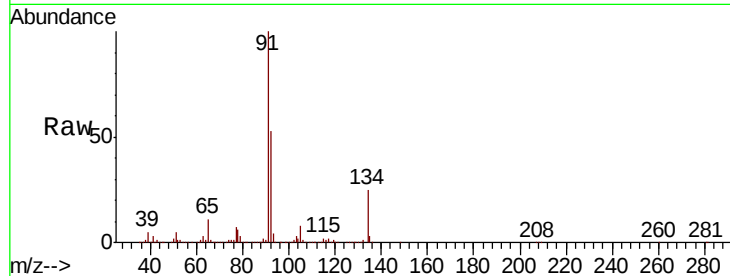
#89  
n-Butylbenzene  
Concen: 56.87 ug/l  
RT: 13.83 min Scan# 2008  
Delta R.T. -0.00 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 1692992  
Ion Ratio Lower Upper  
91 100  
92 53.0 26.4 79.2  
134 25.5 12.8 38.3

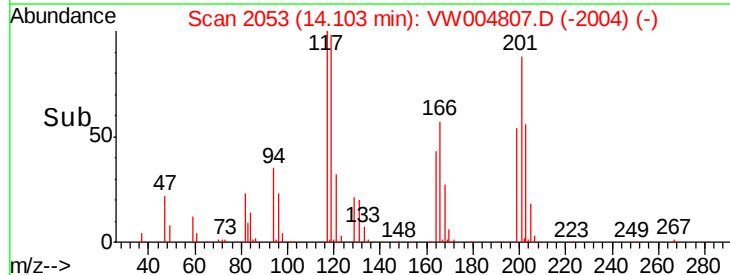
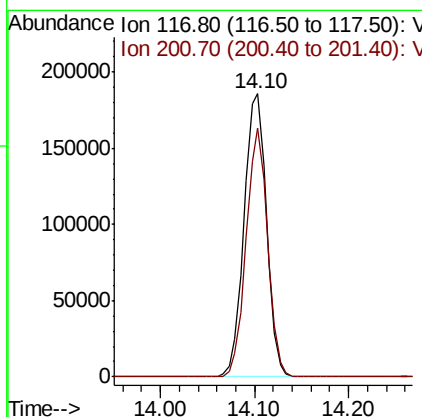
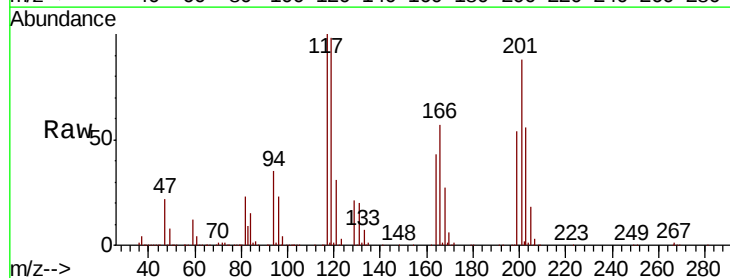
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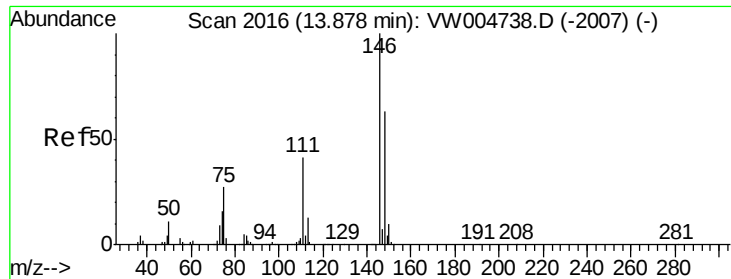
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#90  
Hexachloroethane  
Concen: 55.22 ug/l  
RT: 14.10 min Scan# 2053  
Delta R.T. 0.00 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

Tgt Ion: 117 Resp: 309918  
Ion Ratio Lower Upper  
117 100  
201 83.7 42.4 127.2





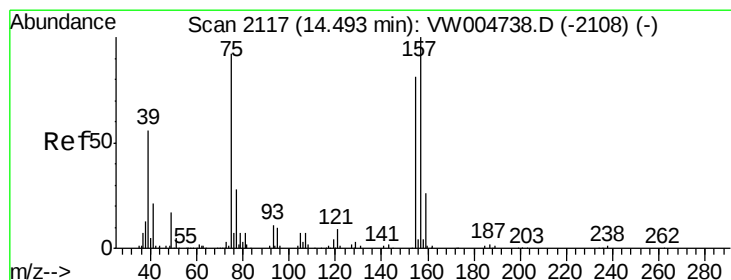
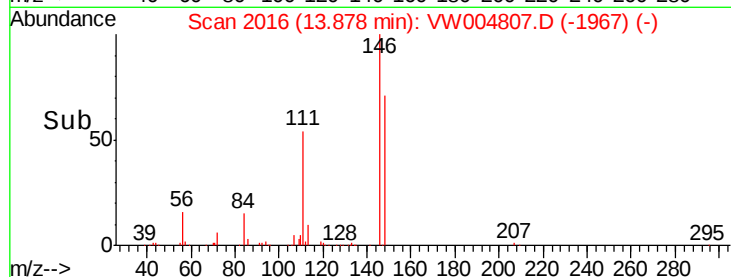
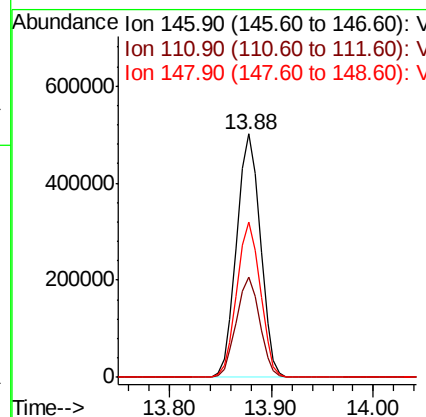
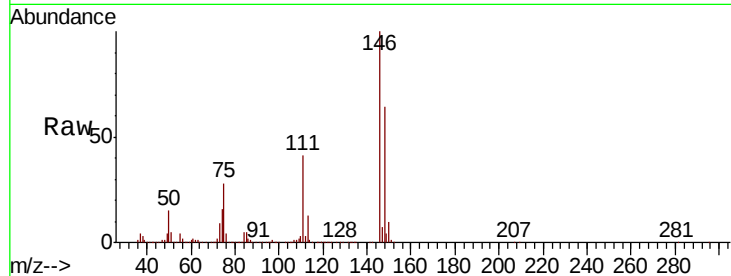
#91  
 1,2-Dichlorobenzene  
 Concen: 55.72 ug/l  
 RT: 13.88 min Scan# 2016  
 Delta R.T. 0.00 min  
 Lab File: VW004807.D  
 Acq: 20 Aug 2018 23:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.6  | 20.4  | 61.3  |
| 148     | 63.3  | 31.6  | 95.0  |

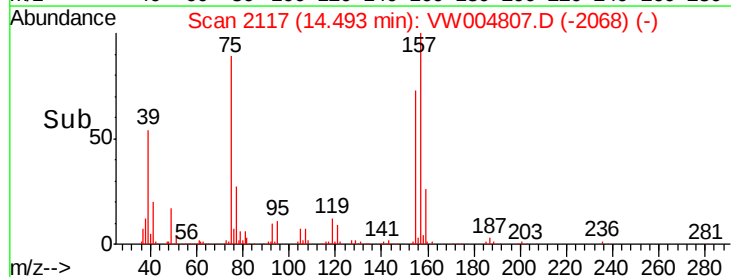
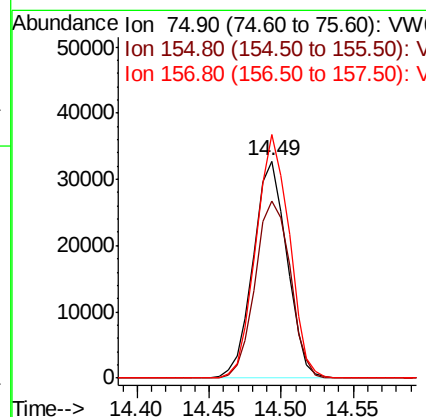
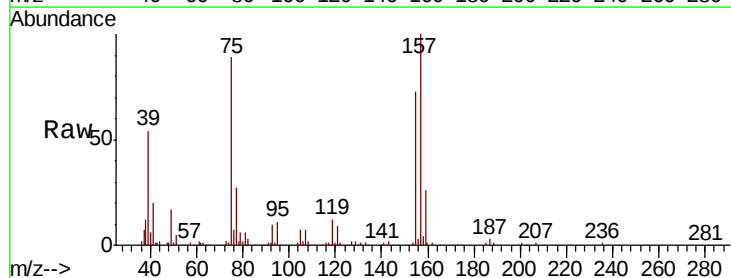
Manual Integrations  
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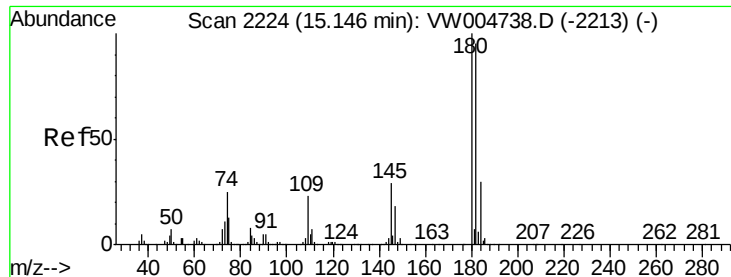
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 56.32 ug/l  
 RT: 14.49 min Scan# 2117  
 Delta R.T. -0.00 min  
 Lab File: VW004807.D  
 Acq: 20 Aug 2018 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 84.8  | 43.3  | 129.9 |
| 157     | 110.3 | 54.5  | 163.6 |





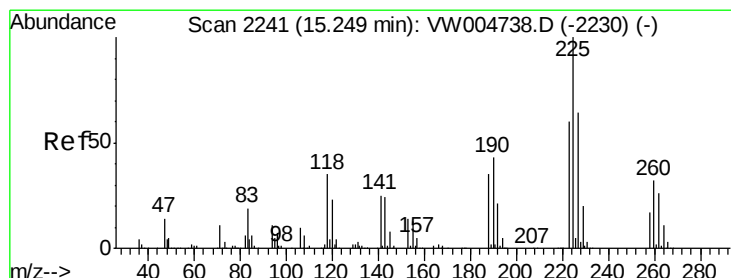
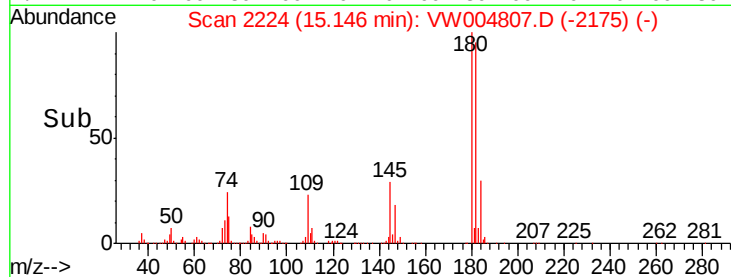
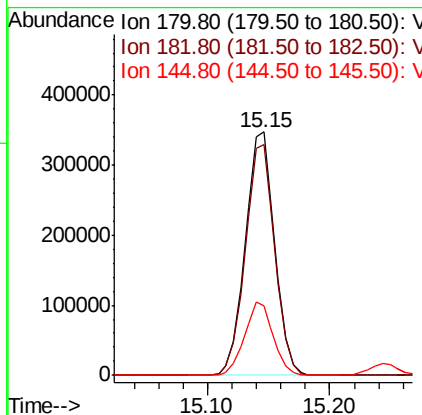
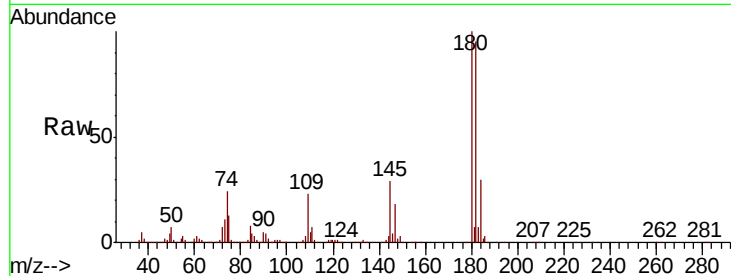
#93  
 1,2,4-Trichlorobenzene  
 Concen: 56.70 ug/l  
 RT: 15.15 min Scan# 2224  
 Delta R.T. -0.00 min  
 Lab File: VW004807.D  
 Acq: 20 Aug 2018 23:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 578400 |       |       |
| 182     | 95.0  | 47.3   | 141.8 |       |
| 145     | 29.3  | 14.6   | 43.8  |       |

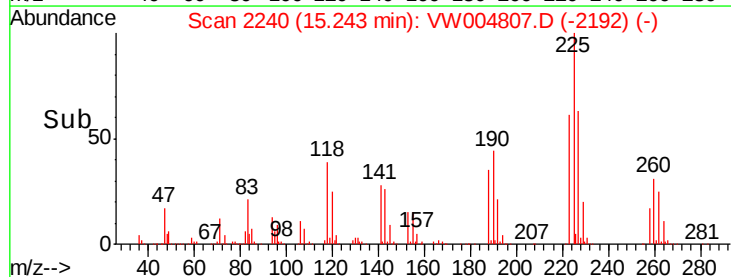
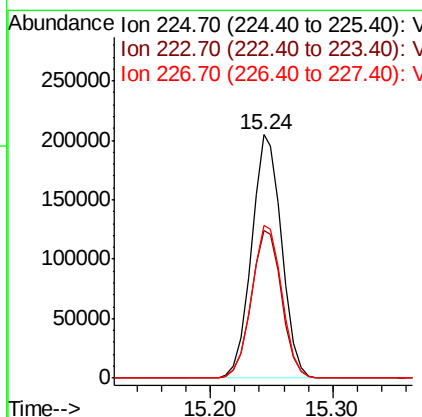
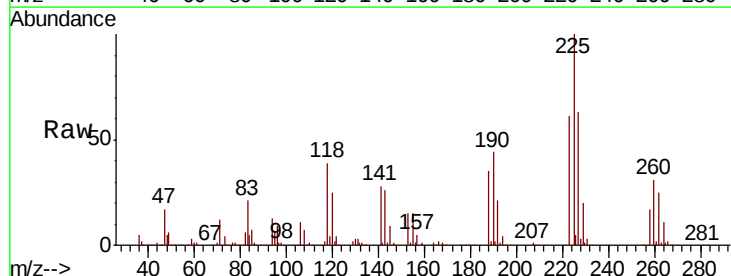
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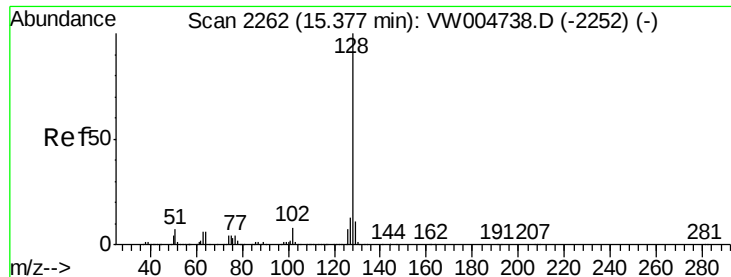
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#94  
 Hexachlorobutadiene  
 Concen: 55.62 ug/l  
 RT: 15.24 min Scan# 2240  
 Delta R.T. -0.01 min  
 Lab File: VW004807.D  
 Acq: 20 Aug 2018 23:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 348293 |       |       |
| 223     | 61.3  | 30.9   | 92.5  |       |
| 227     | 63.1  | 32.0   | 96.0  |       |





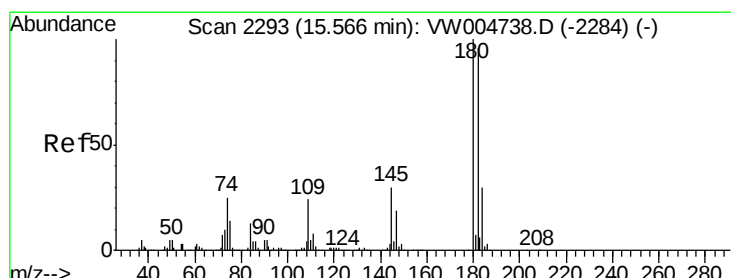
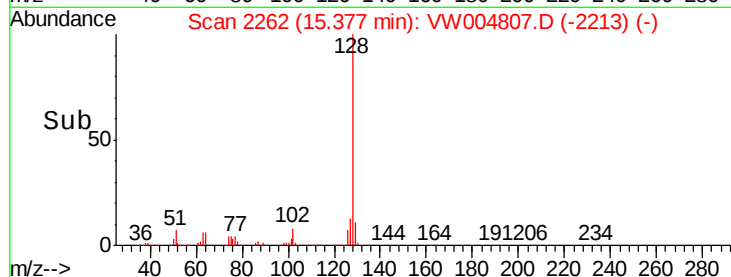
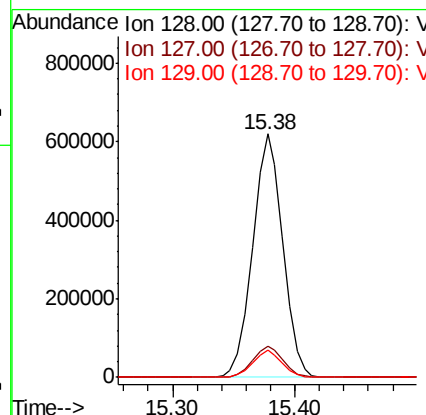
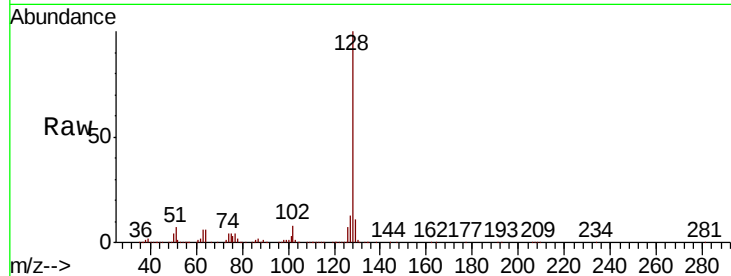
#95  
Naphthalene  
Concen: 53.28 ug/l  
RT: 15.38 min Scan# 2262  
Delta R.T. 0.00 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.9  | 10.4  | 15.6  |
| 129     | 10.8  | 8.6   | 13.0  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 57.01 ug/l  
RT: 15.57 min Scan# 2293  
Delta R.T. 0.00 min  
Lab File: VW004807.D  
Acq: 20 Aug 2018 23:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.2  | 47.3  | 142.0 |
| 145     | 31.2  | 15.4  | 46.1  |

