

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW111218\  
 Data File : VW006821.D  
 Acq On : 12 Nov 2018 22:28  
 Operator : SY/AP  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

apatel  
 11/13/2018 3:57:29 PM

Quant Time: Nov 13 03:19:22 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W111218S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 12 14:58:58 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 291997   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 393554   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 395947   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 225658   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 107680   | 50.45 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.90% |      |
| 35) Dibromofluoromethane  | 7.89   | 113 | 115433   | 49.26 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.52%  |      |
| 50) Toluene-d8            | 10.33  | 98  | 485201   | 49.95 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 99.90%  |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 184656   | 51.61 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.22% |      |

## Target Compounds

|                               |      |     |        |         |      | Qvalue |
|-------------------------------|------|-----|--------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 2.00 | 85  | 112479 | 46.660  | ug/l | 98     |
| 3) Chloromethane              | 2.21 | 50  | 140696 | 51.771  | ug/l | 99     |
| 4) Vinyl Chloride             | 2.36 | 62  | 146632 | 50.264  | ug/l | 99     |
| 5) Bromomethane               | 2.78 | 94  | 108037 | 55.047  | ug/l | 96     |
| 6) Chloroethane               | 2.92 | 64  | 94653  | 50.282  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 3.26 | 101 | 181324 | 47.088  | ug/l | 100    |
| 8) Diethyl Ether              | 3.69 | 74  | 57517  | 50.902  | ug/l | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.07 | 101 | 117557 | 45.022  | ug/l | 99     |
| 10) Methyl Iodide             | 4.28 | 142 | 182435 | 49.852  | ug/l | 100    |
| 11) Tert butyl alcohol        | 5.21 | 59  | 40409  | 288.391 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 105520 | 47.843  | ug/l | 97     |
| 13) Acrolein                  | 3.90 | 56  | 45039  | 307.336 | ug/l | 98     |
| 14) Allyl chloride            | 4.68 | 41  | 144701 | 49.881  | ug/l | 100    |
| 15) Acrylonitrile             | 5.38 | 53  | 119102 | 278.320 | ug/l | 99     |
| 16) Acetone                   | 4.14 | 43  | 84244  | 274.808 | ug/l | 98     |
| 17) Carbon Disulfide          | 4.39 | 76  | 352711 | 50.567  | ug/l | 100    |
| 18) Methyl Acetate            | 4.68 | 43  | 57039  | 54.394  | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 283938 | 54.225  | ug/l | 99     |
| 20) Methylene Chloride        | 4.92 | 84  | 142012 | 50.988  | ug/l | 99     |
| 21) trans-1,2-Dichloroethene  | 5.43 | 96  | 126668 | 48.697  | ug/l | 99     |
| 22) Diisopropyl ether         | 6.32 | 45  | 321403 | 53.348  | ug/l | 99     |
| 23) Vinyl Acetate             | 6.26 | 43  | 919082 | 270.609 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 6.22 | 63  | 200406 | 50.156  | ug/l | 99     |
| 25) 2-Butanone                | 7.18 | 43  | 141707 | 273.335 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 174217 | 43.335  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 140853 | 50.792  | ug/l | 99     |
| 28) Bromochloromethane        | 7.52 | 49  | 74132  | 53.041  | ug/l | 99     |
| 29) Tetrahydrofuran           | 7.54 | 42  | 91771  | 276.603 | ug/l | 98     |
| 30) Chloroform                | 7.68 | 83  | 222182 | 50.928  | ug/l | 99     |
| 31) Cyclohexane               | 7.96 | 56  | 186275 | 45.544  | ug/l | 98     |
| 32) 1,1,1-Trichloroethane     | 7.88 | 97  | 202102 | 47.992  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 8.09 | 75  | 177233 | 48.123  | ug/l | 99     |
| 37) Ethyl Acetate             | 7.26 | 43  | 63575  | 52.791  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 185186 | 46.264  | ug/l | 98     |

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 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
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apatel  
 11/13/2018 3:57:29 PM

Quant Time: Nov 13 03:19:22 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W111218S.M  
 Quant Title : SW846 8260  
 QLast Update : Mon Nov 12 14:58:58 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 224828   | 47.053   | ug/l   | 99       |
| 40) Benzene                    | 8.33  | 78   | 521772   | 50.949   | ug/l   | 99       |
| 41) Methacrylonitrile          | 7.49  | 41   | 35933    | 48.594   | ug/l # | 91       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 140873   | 51.343   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 8.43  | 43   | 126774   | 54.127   | ug/l   | 100      |
| 44) Trichloroethene            | 9.09  | 130  | 156209   | 48.341   | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 123334   | 51.673   | ug/l   | 99       |
| 46) Dibromomethane             | 9.46  | 93   | 69163    | 52.057   | ug/l   | 100      |
| 47) Bromodichloromethane       | 9.65  | 83   | 167909   | 50.952   | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.44  | 41   | 61076    | 53.188   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 23630    | 1177.211 | ug/l # | 100      |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 329855   | 280.867  | ug/l   | 99       |
| 52) Toluene                    | 10.39 | 92   | 375791   | 51.761   | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 170298   | 52.492   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 197806   | 51.419   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 105386   | 53.454   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 121568   | 56.264   | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 166247   | 53.246   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 285352   | 263.691  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.97 | 43   | 231756   | 286.094  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.13 | 129  | 130189   | 53.966   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 100776   | 53.821   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.87 | 164  | 157374   | 49.598   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.66 | 112  | 441964   | 50.315   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 143592   | 50.378   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.74 | 91   | 749954   | 50.081   | ug/l   | 99       |
| 68) m/p-Xylenes                | 11.84 | 106  | 614109   | 100.229  | ug/l   | 100      |
| 69) o-Xylene                   | 12.17 | 106  | 289724   | 50.808   | ug/l   | 99       |
| 70) Styrene                    | 12.18 | 104  | 477828   | 52.354   | ug/l   | 99       |
| 71) Bromoform                  | 12.35 | 173  | 80900    | 52.008   | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.47 | 105  | 777815   | 49.657   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.27 | 43   | 129349   | 54.614   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 115388   | 53.252   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 86627m   | 53.268   | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 200966   | 50.889   | ug/l   | 100      |
| 78) n-propylbenzene            | 12.81 | 91   | 912572   | 49.363   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 516894   | 49.835   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.95 | 105  | 674446   | 50.087   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 33317    | 50.677   | ug/l   | 100      |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 556647   | 50.301   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.21 | 119  | 593418   | 49.856   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 695186   | 50.731   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.39 | 105  | 833030   | 49.389   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 758055   | 49.411   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 403998   | 50.195   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 399444   | 50.162   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.83 | 91   | 685982   | 48.927   | ug/l   | 100      |
| 90) Hexachloroethane           | 14.10 | 117  | 121994   | 49.695   | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.88 | 146  | 360418   | 51.421   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 18771    | 54.110   | ug/l   | 99       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW111218\  
Data File : VW006821.D  
Acq On : 12 Nov 2018 22:28  
Operator : SY/AP  
Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA\_W/SOIL  
ALS Vial : 19 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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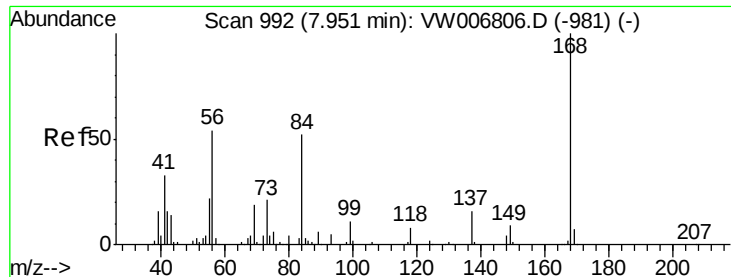
apatel  
11/13/2018 3:57:29 PM

Quant Time: Nov 13 03:19:22 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W111218S.M  
Quant Title : SW846 8260  
QLast Update : Mon Nov 12 14:58:58 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180  | 263745   | 49.839 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 161272   | 48.094 | ug/l  | 99       |
| 95) Naphthalene            | 15.38 | 128  | 425765   | 53.795 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180  | 229614   | 50.561 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 291997

Ion Ratio Lower Upper

168 100

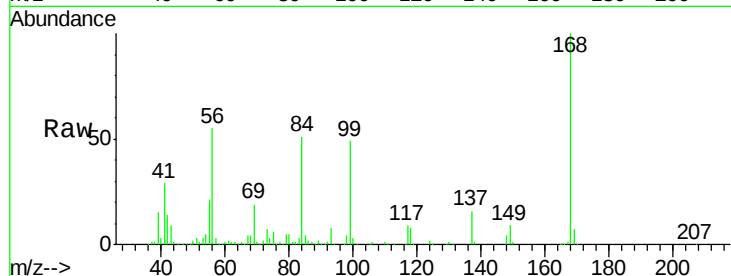
99 48.6 37.3 55.9

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

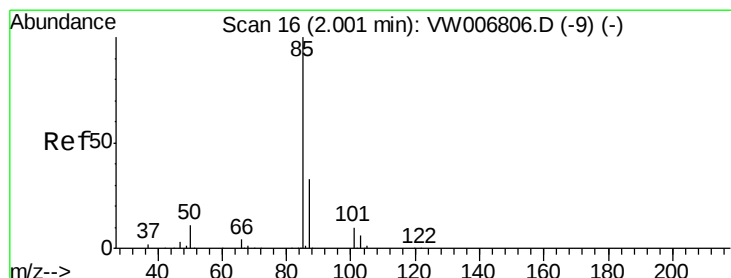
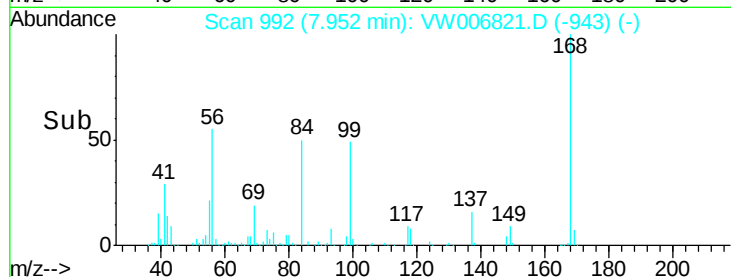
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 46.660 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006821.D

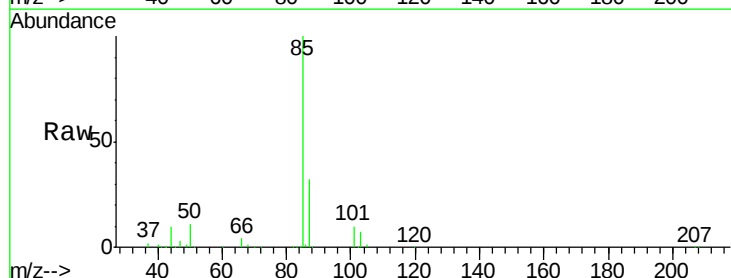
Acq: 12 Nov 2018 22:28

Tgt Ion: 85 Resp: 112479

Ion Ratio Lower Upper

85 100

87 31.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

80000

60000

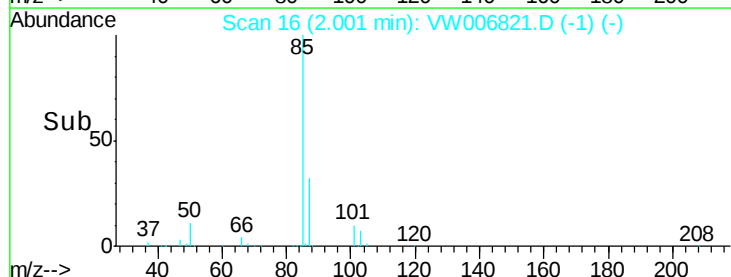
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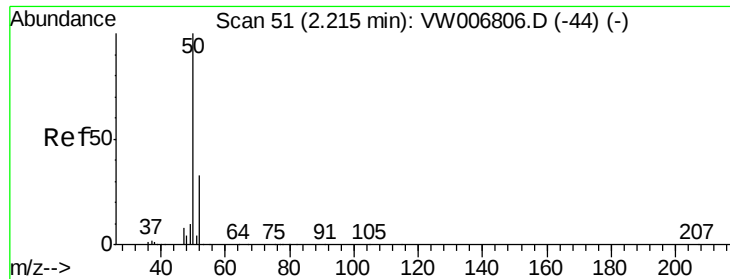
20000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 51.771 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 140696

Ion Ratio Lower Upper

50 100

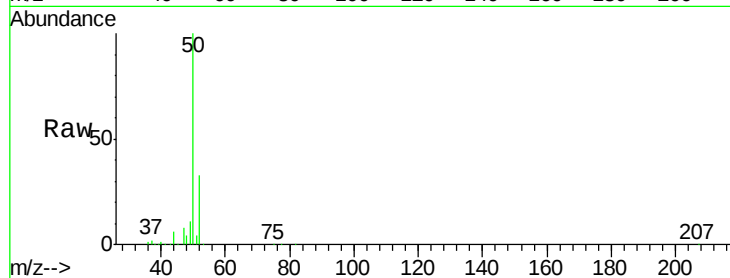
52 33.1 26.2 39.4

Manual Integrations

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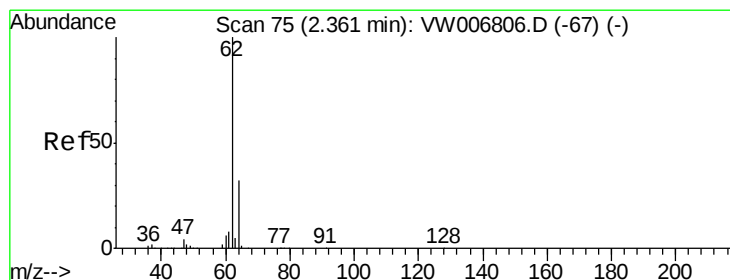
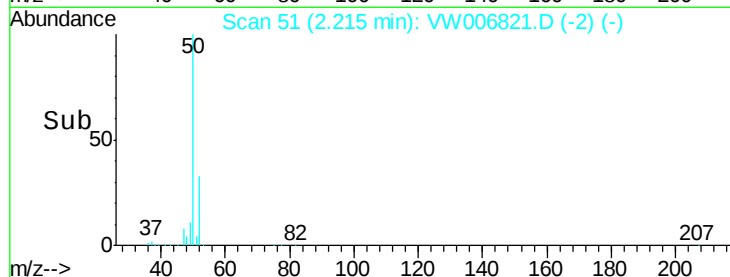
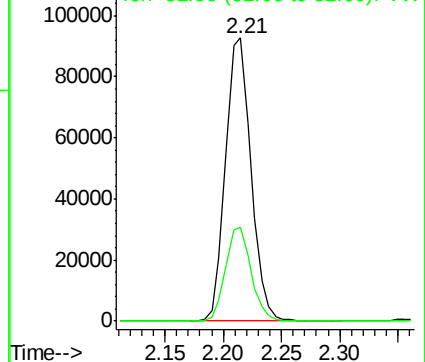
apatel

11/13/2018 3:57:29 PM



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 50.264 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW006821.D

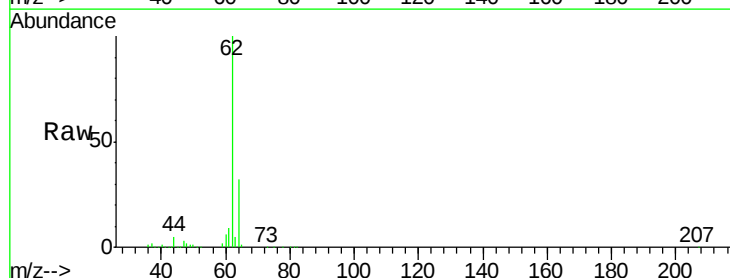
Acq: 12 Nov 2018 22:28

Tgt Ion: 62 Resp: 146632

Ion Ratio Lower Upper

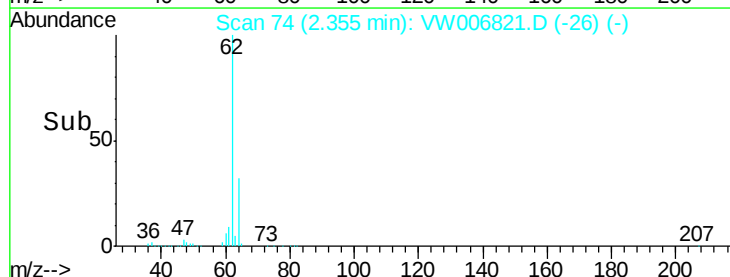
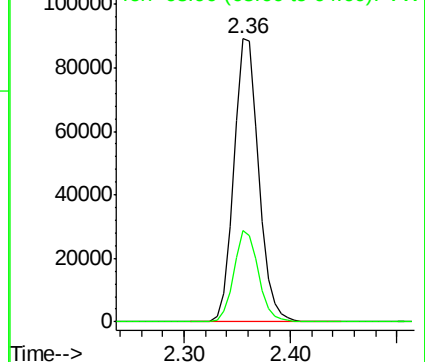
62 100

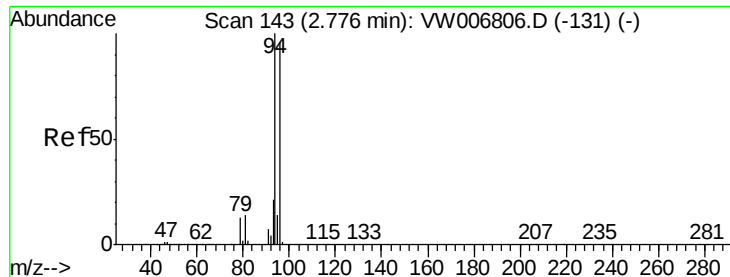
64 32.5 25.6 38.4



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 55.047 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 108037

Ion Ratio Lower Upper

94 100

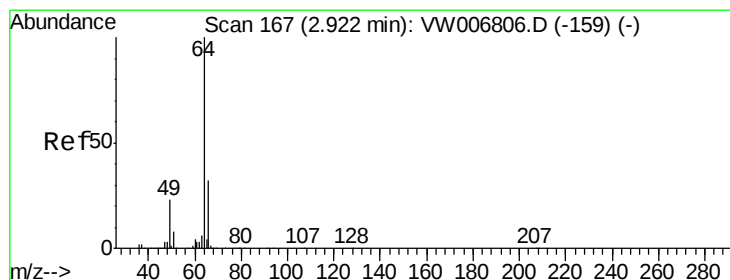
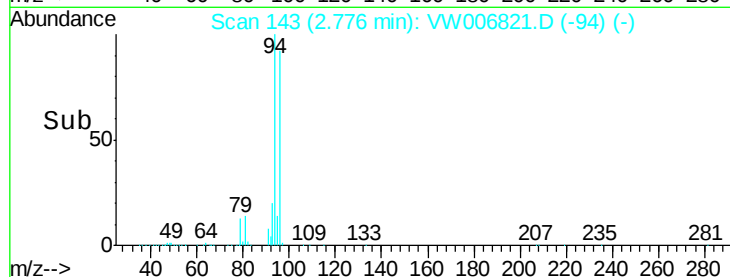
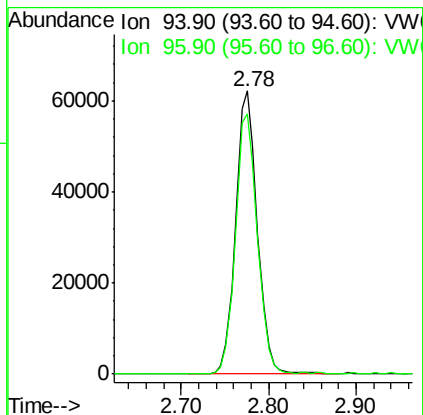
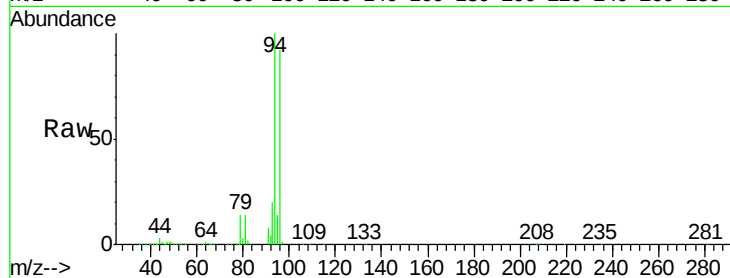
96 91.8 76.8 115.2

Manual Integrations

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11/13/2018 3:57:29 PM



#6

Chloroethane

Concen: 50.282 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.01 min

Lab File: VW006821.D

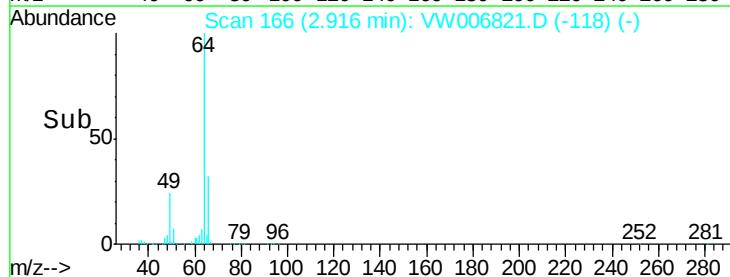
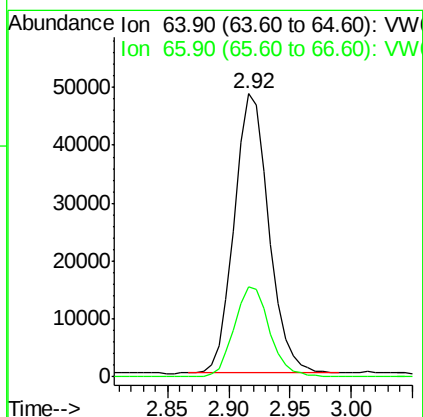
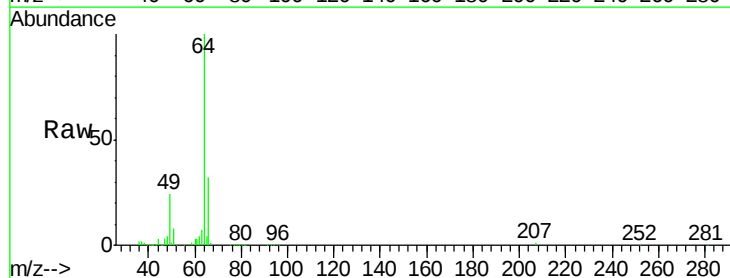
Acq: 12 Nov 2018 22:28

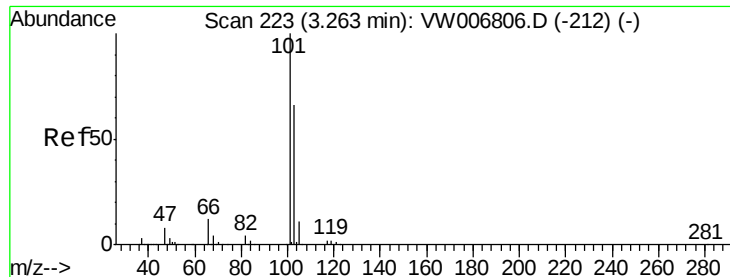
Tgt Ion: 64 Resp: 94653

Ion Ratio Lower Upper

64 100

66 32.3 25.5 38.3





#7

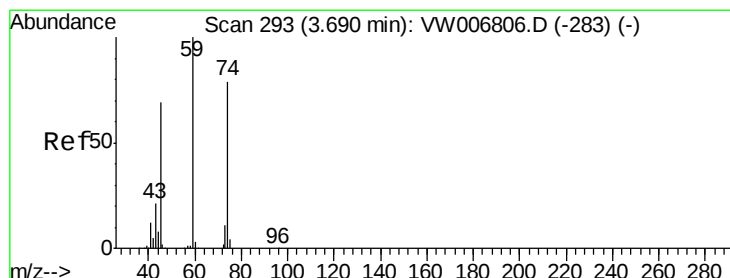
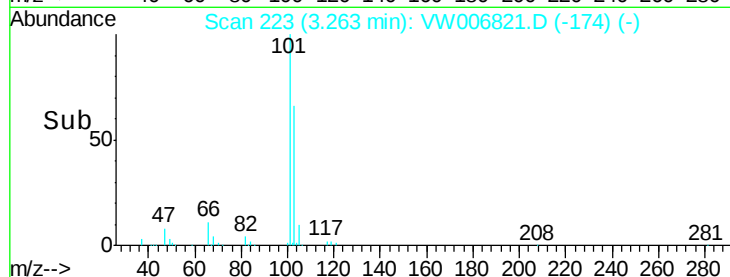
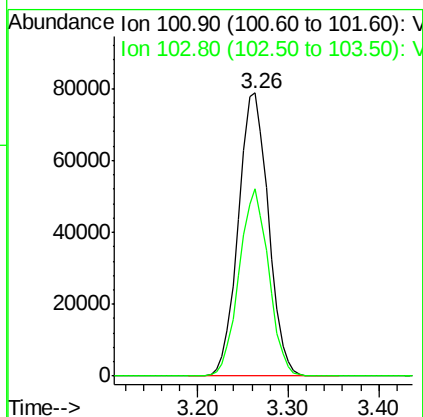
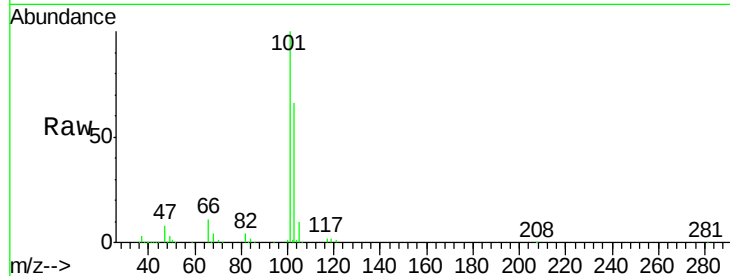
Trichlorofluoromethane  
Concen: 47.088 ug/l  
RT: 3.26 min Scan# 223  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 101     | 100   | 181324 |       |       |
| 103     | 66.2  | 52.6   | 79.0  |       |

Manual Integrations  
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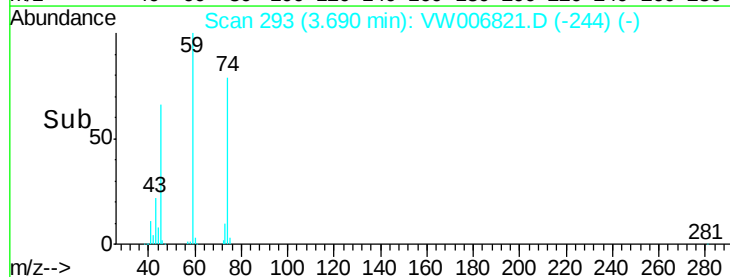
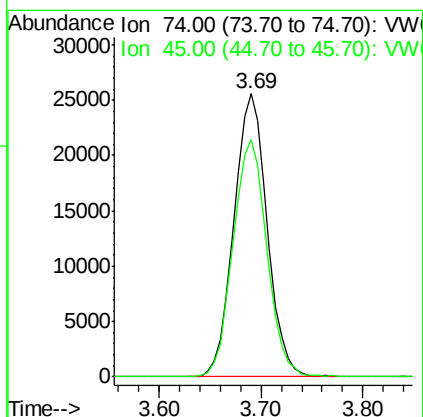
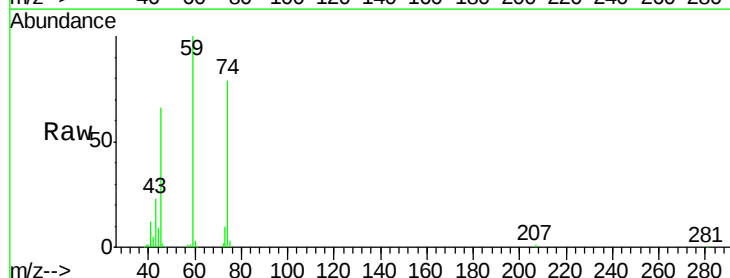
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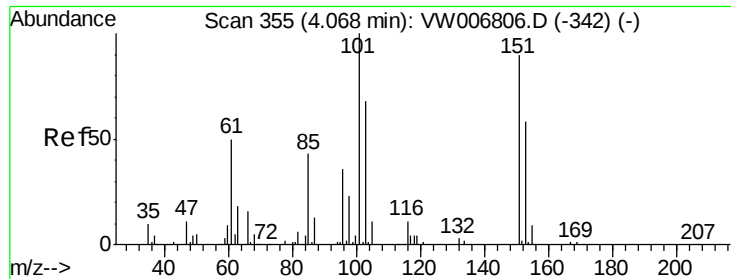


#8

Diethyl Ether  
Concen: 50.902 ug/l  
RT: 3.69 min Scan# 293  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 74      | 100   | 57517 |       |       |
| 45      | 85.7  | 43.1  | 129.4 |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.022 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

Instrument :

MSVOA\_W

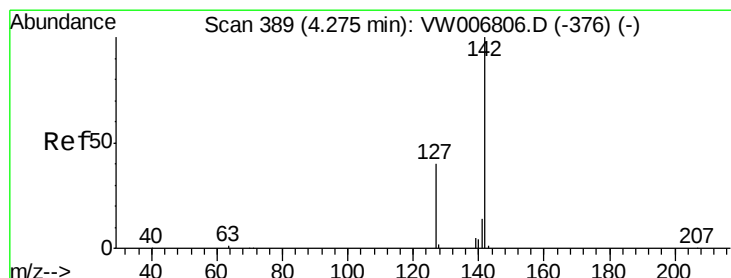
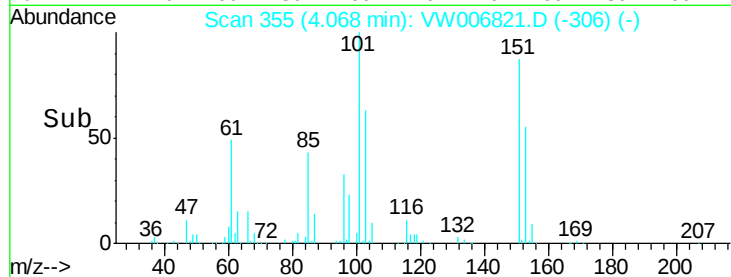
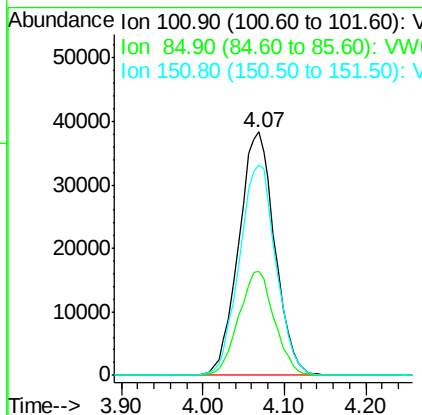
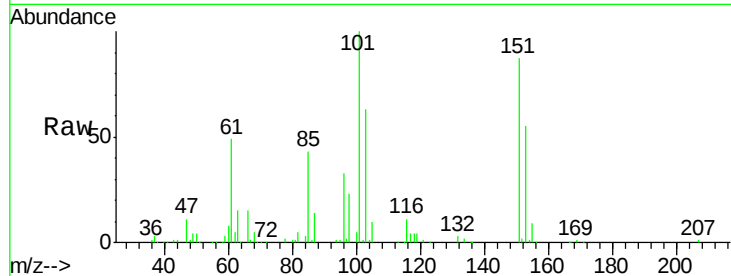
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 101   | Resp: | 117557 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 42.0  | 33.8  | 50.8   |
| 151       | 87.9  | 71.4  | 107.0  |

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#10

Methyl Iodide

Concen: 49.852 ug/l

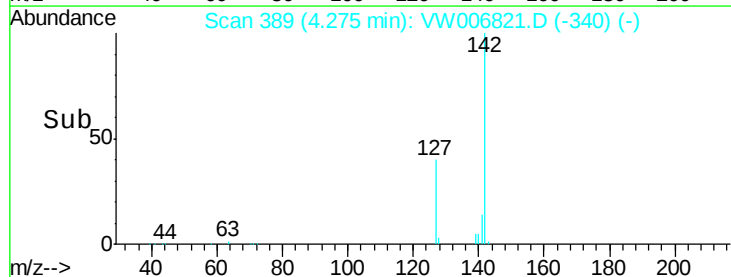
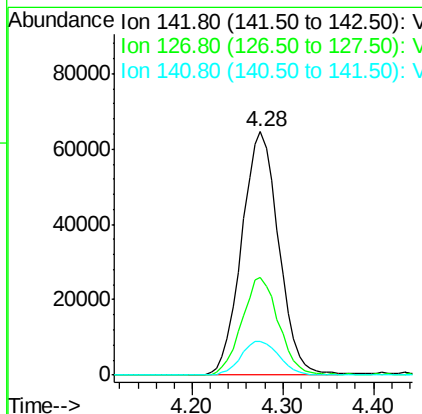
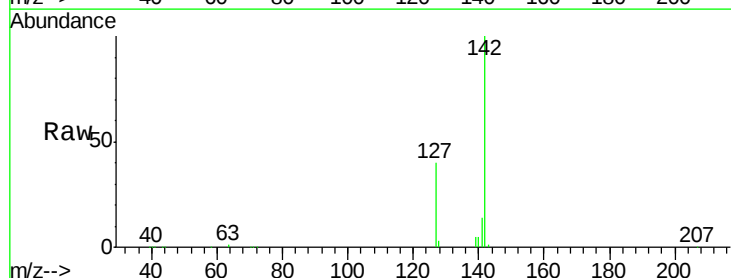
RT: 4.28 min Scan# 389

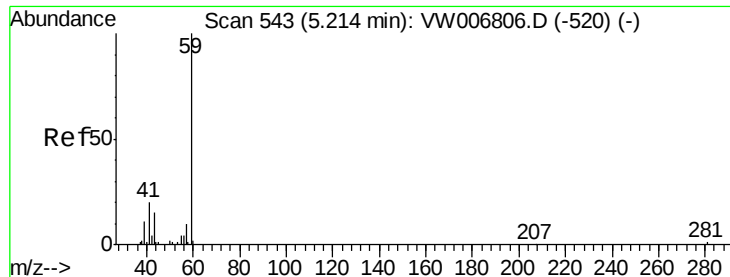
Delta R.T. 0.00 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 182435 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 39.8  | 31.8  | 47.8   |
| 141       | 14.3  | 11.5  | 17.3   |





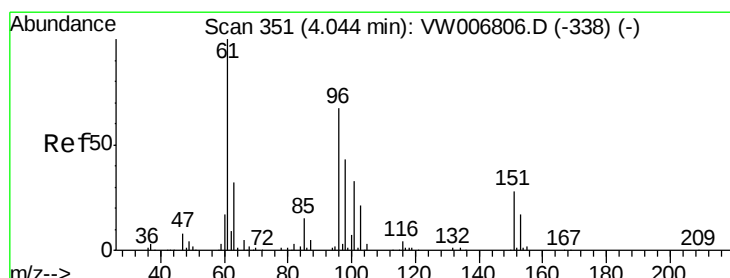
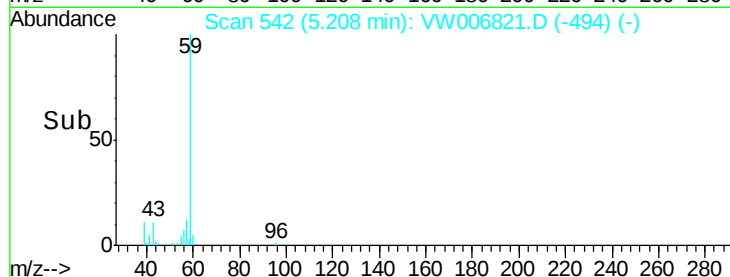
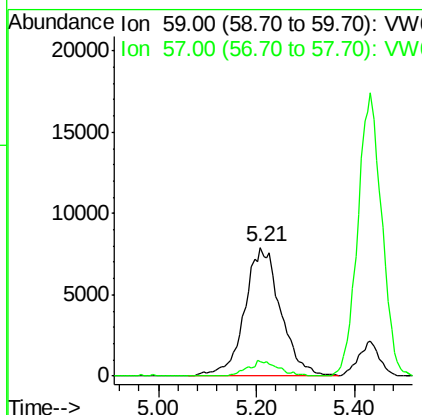
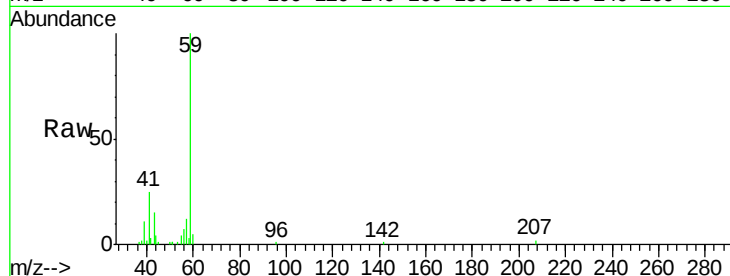
#11  
Tert butyl alcohol  
Concen: 288.391 ug/l  
RT: 5.21 min Scan# 542  
Delta R.T. -0.01 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 59 Resp: 40409  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.3 12.5

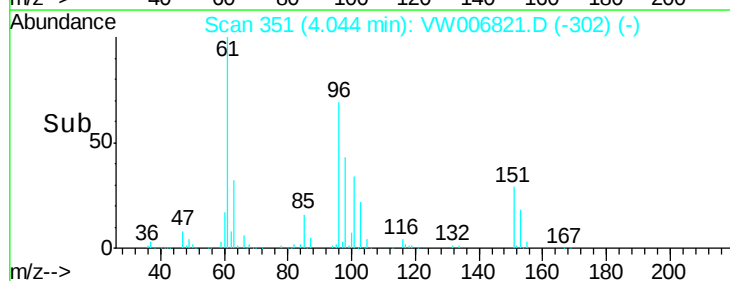
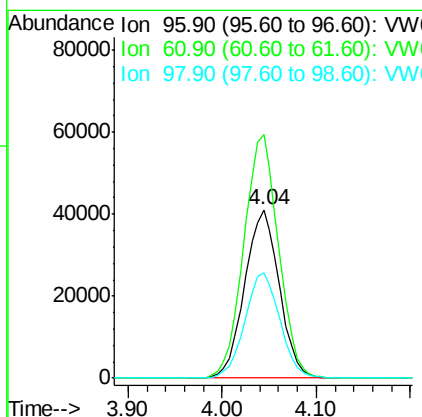
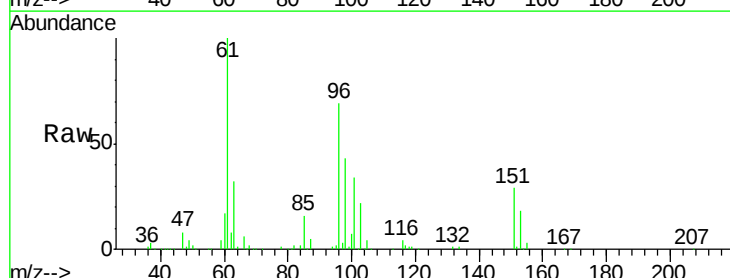
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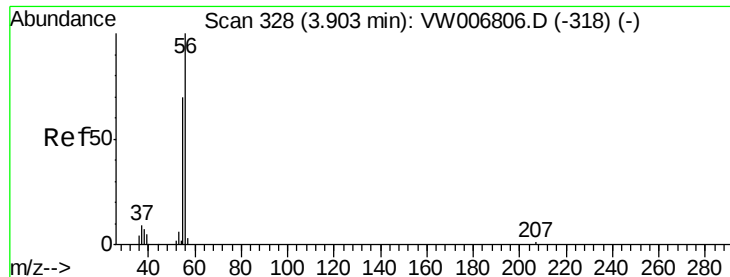
apatel  
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#12  
1,1-Dichloroethene  
Concen: 47.843 ug/l  
RT: 4.04 min Scan# 351  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

Tgt Ion: 96 Resp: 105520  
Ion Ratio Lower Upper  
96 100  
61 144.8 119.8 179.6  
98 62.4 51.5 77.3





#13

Acrolein

Concen: 307.336 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 45039

Ion Ratio Lower Upper

56 100

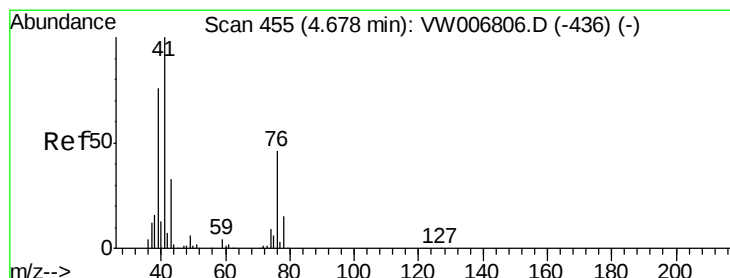
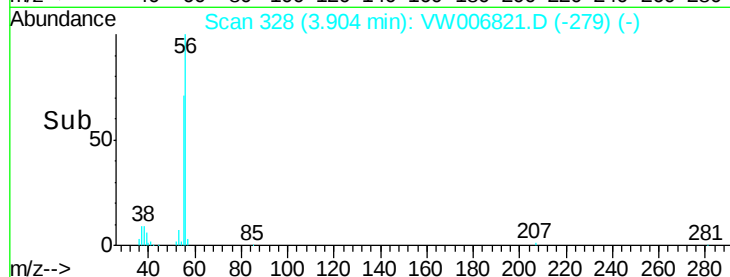
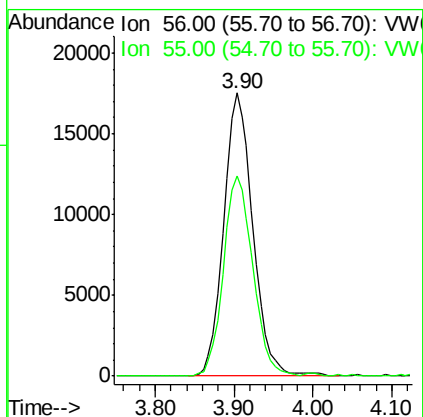
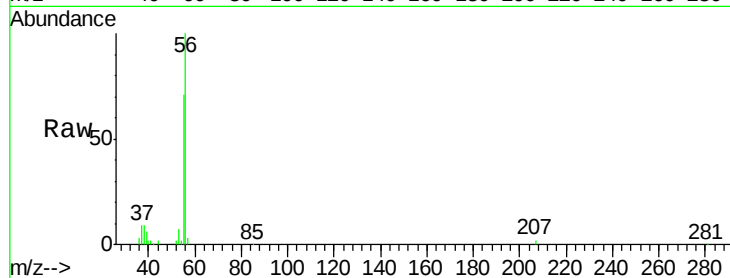
55 71.5 56.1 84.1

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#14

Allyl chloride

Concen: 49.881 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

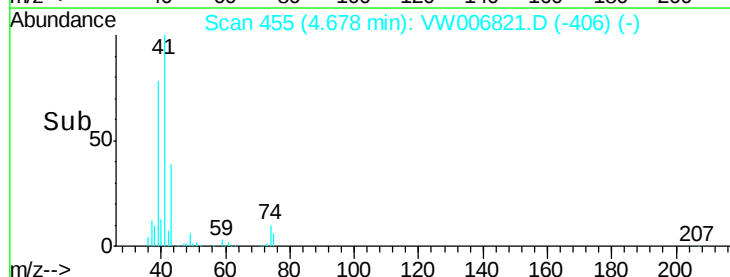
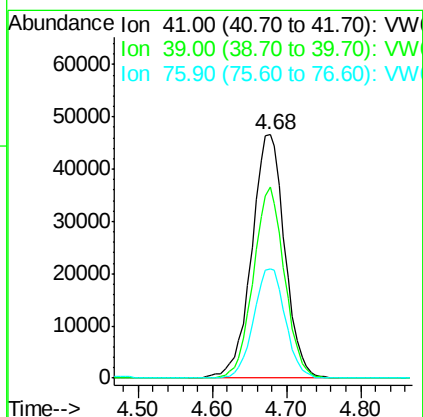
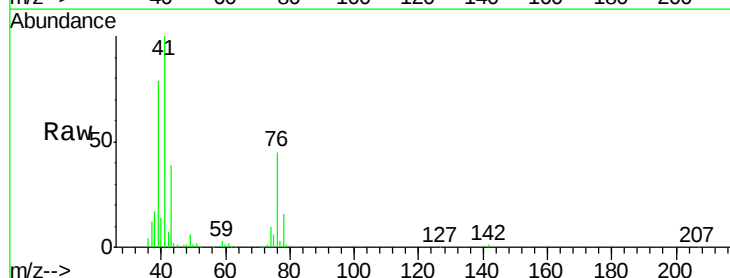
Tgt Ion: 41 Resp: 144701

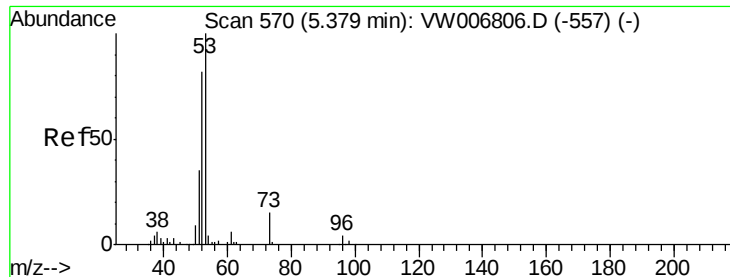
Ion Ratio Lower Upper

41 100

39 74.2 58.9 88.3

76 43.1 34.4 51.6





#15

Acrylonitrile

Concen: 278.320 ug/l

RT: 5.38 min Scan# 570

Delta R.T. 0.00 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

Instrument :

MSVOA\_W

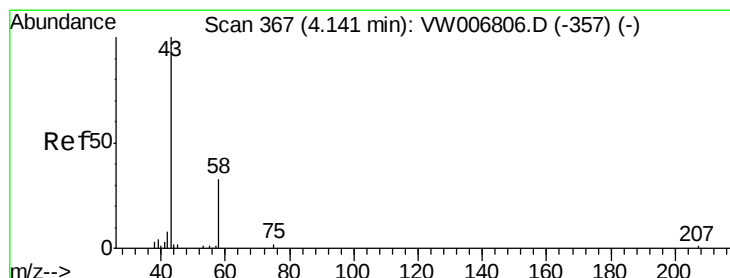
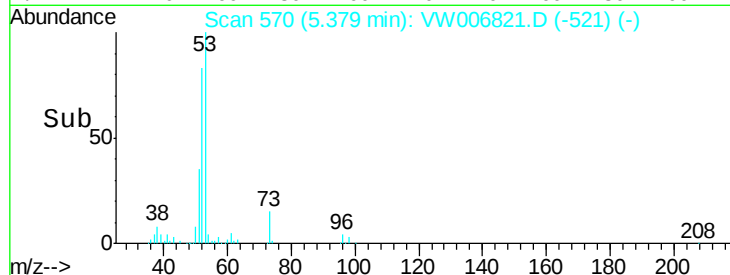
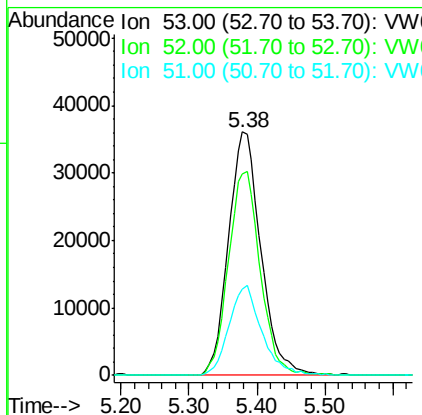
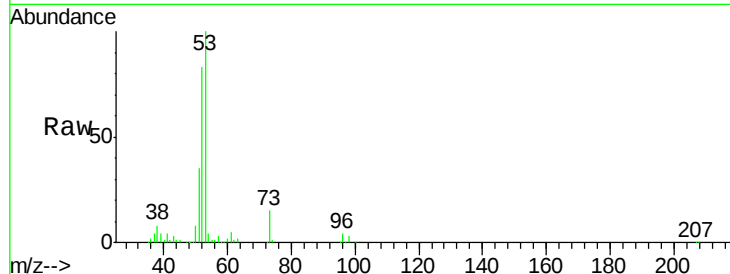
ClientSampleId :

VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 53    | Resp: | 119102 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 82.6  | 65.2  | 97.8   |
| 51       | 37.3  | 30.0  | 45.0   |

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#16

Acetone

Concen: 274.808 ug/l

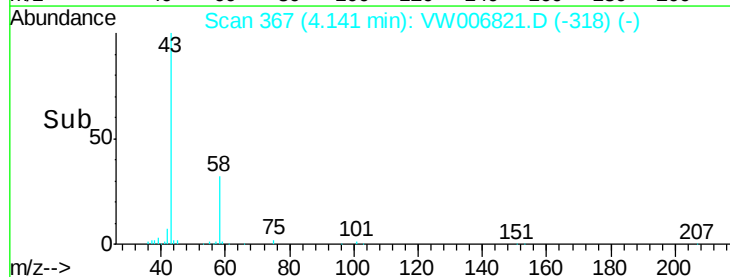
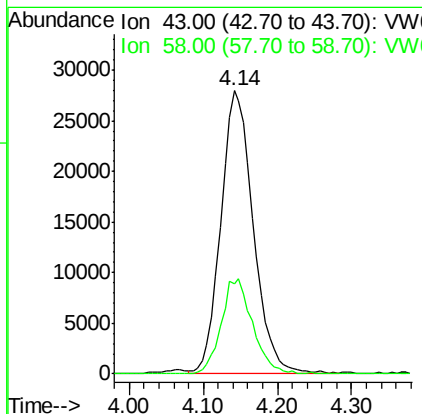
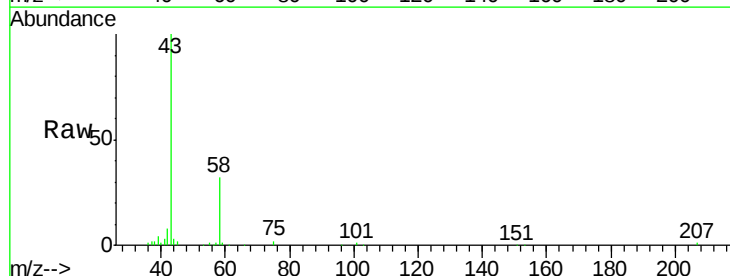
RT: 4.14 min Scan# 367

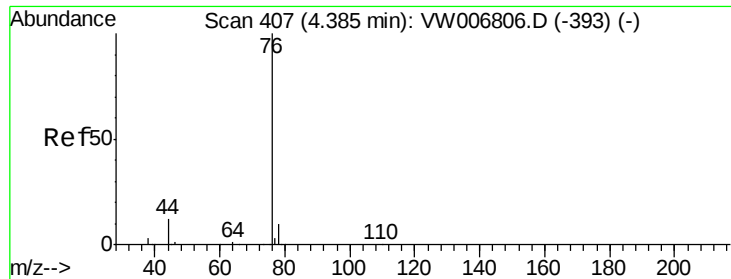
Delta R.T. 0.00 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 84244 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 32.2  | 26.5  | 39.7  |





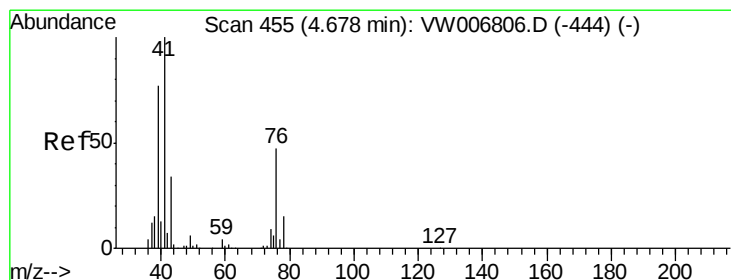
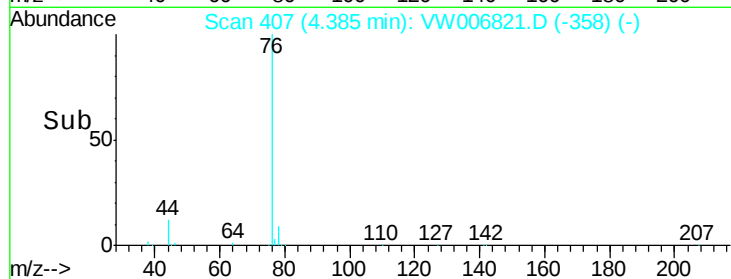
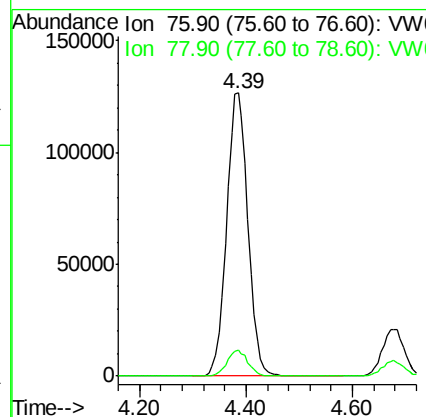
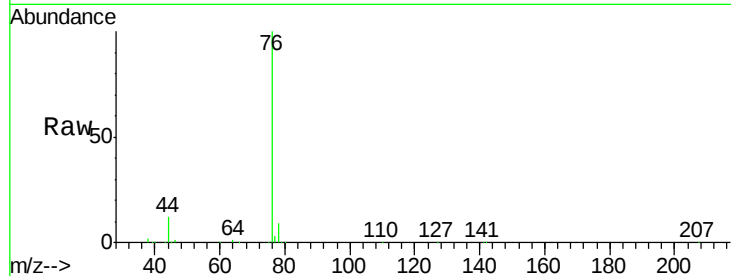
#17  
Carbon Disulfide  
Concen: 50.567 ug/l  
RT: 4.39 min Scan# 407  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 9.3   | 7.6   | 11.4  |

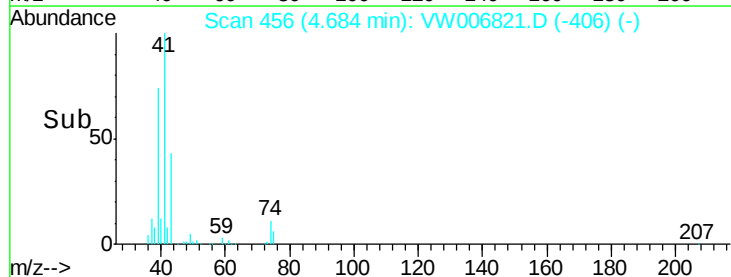
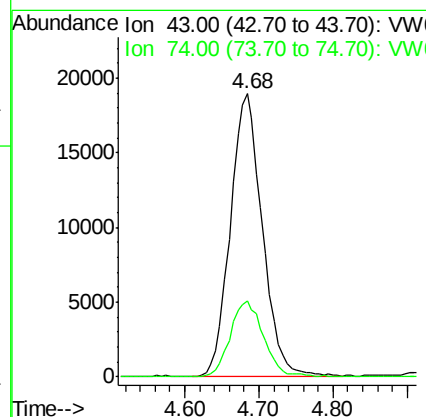
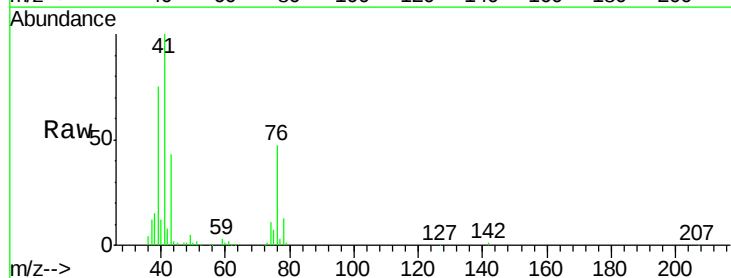
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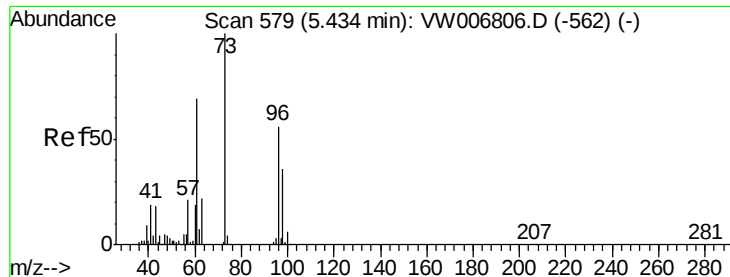
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#18  
Methyl Acetate  
Concen: 54.394 ug/l  
RT: 4.68 min Scan# 456  
Delta R.T. 0.01 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 27.9  | 21.9  | 32.9  |





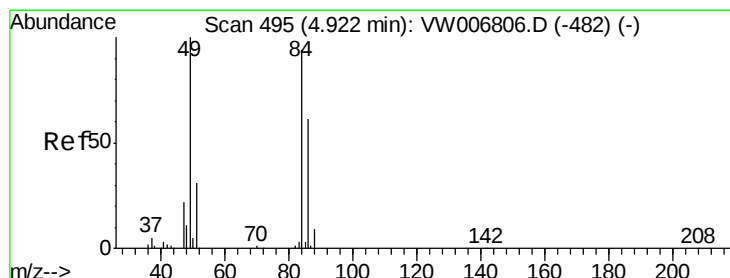
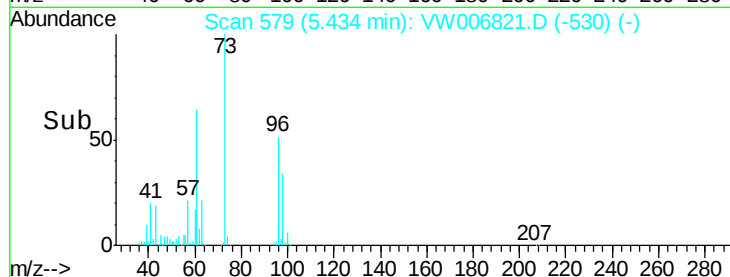
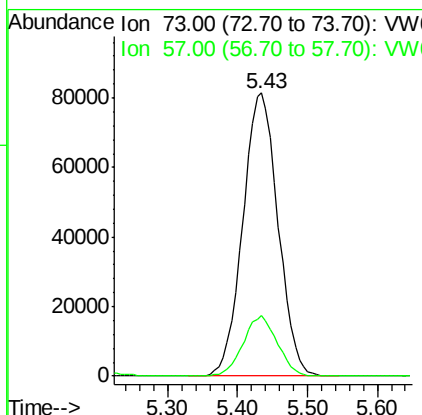
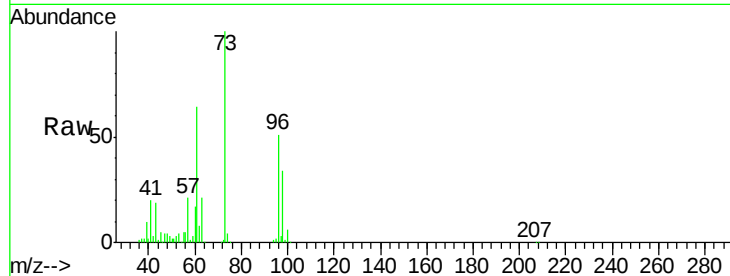
#19  
Methyl tert-butyl Ether  
Concen: 54.225 ug/l  
RT: 5.43 min Scan# 579  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 21.4  | 16.8  | 25.2  |

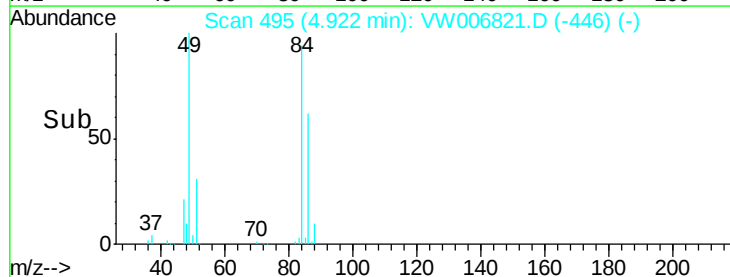
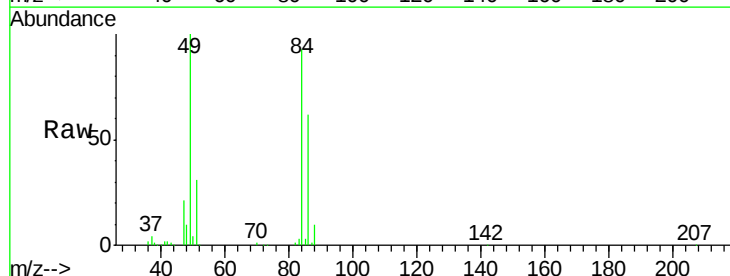
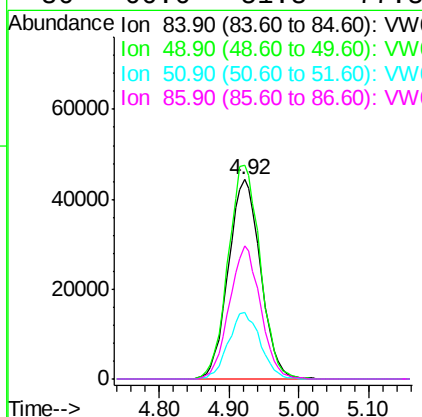
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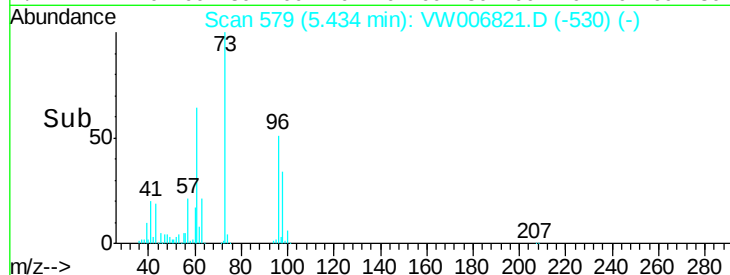
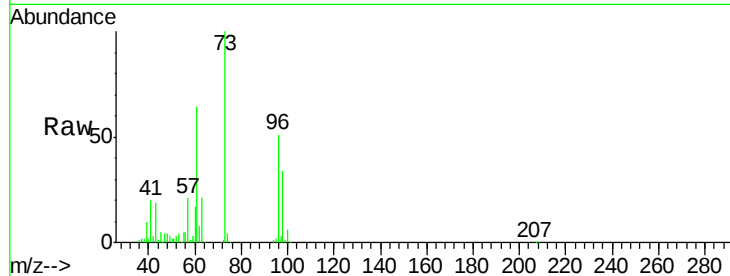
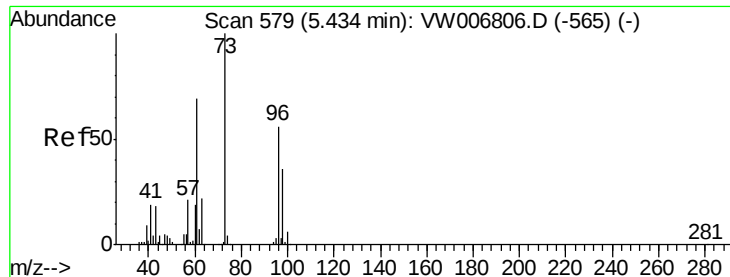
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#20  
Methylene Chloride  
Concen: 50.988 ug/l  
RT: 4.92 min Scan# 495  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 107.1 | 84.8  | 127.2 |
| 51      | 33.5  | 26.2  | 39.4  |
| 86      | 66.6  | 51.8  | 77.8  |





#21

trans-1,2-Dichloroethene

Concen: 48.697 ug/l

RT: 5.43 min Scan# 579

Delta R.T. 0.00 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 96    | Resp: | 126668 |
| Ion      | Ratio | Lower | Upper  |
| 96       | 100   |       |        |
| 61       | 123.8 | 98.7  | 148.1  |
| 98       | 65.5  | 51.2  | 76.8   |

Instrument :

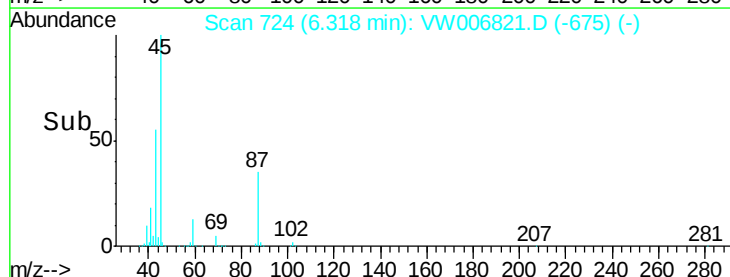
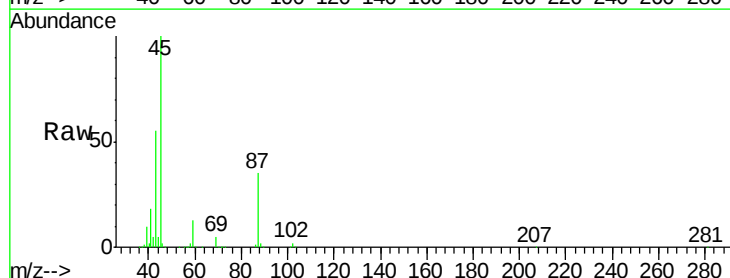
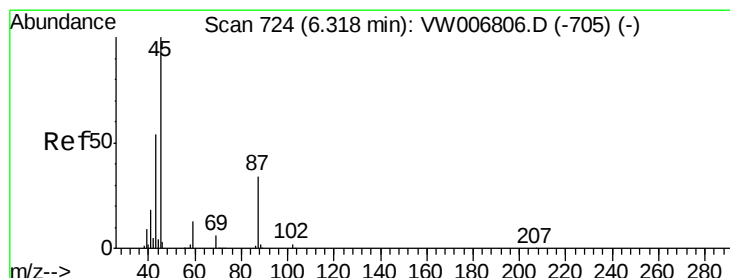
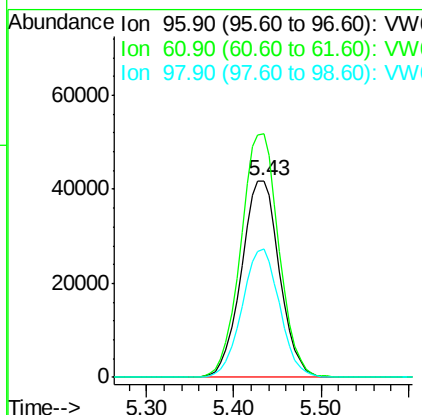
MSVOA\_W

ClientSampleId :

VSTDCCC050

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#22

Diisopropyl ether

Concen: 53.348 ug/l

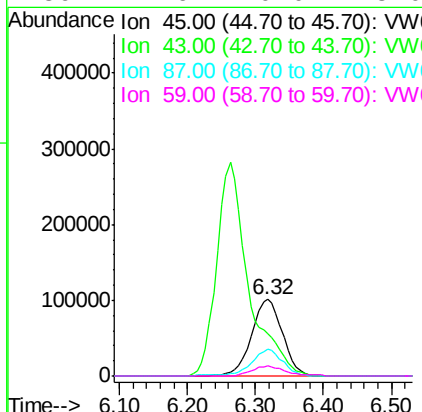
RT: 6.32 min Scan# 724

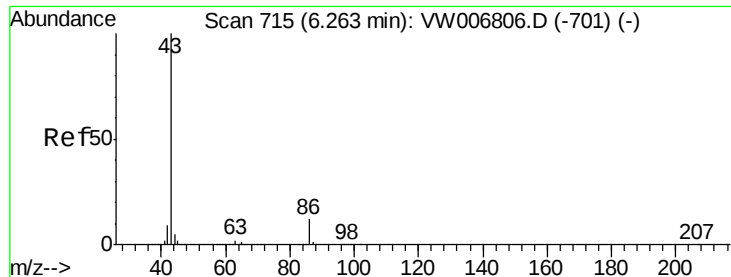
Delta R.T. 0.00 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 321403 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 54.5  | 43.7  | 65.5   |
| 87       | 35.5  | 27.2  | 40.8   |
| 59       | 12.6  | 10.0  | 15.0   |





#23

Vinyl Acetate

Concen: 270.609 ug/l

RT: 6.26 min Scan# 715

Delta R.T. 0.00 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 919082

Ion Ratio Lower Upper

43 100

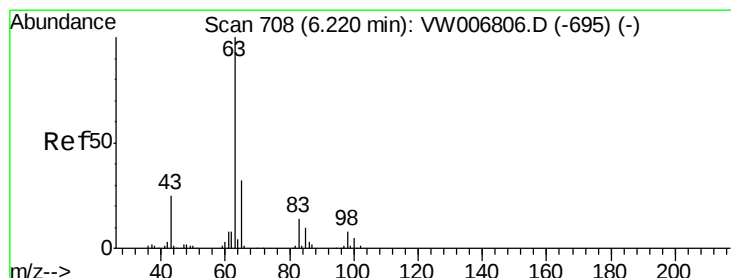
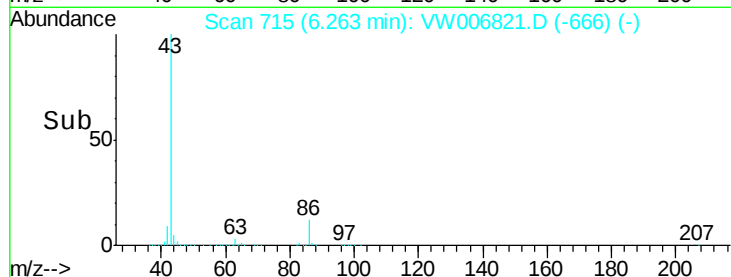
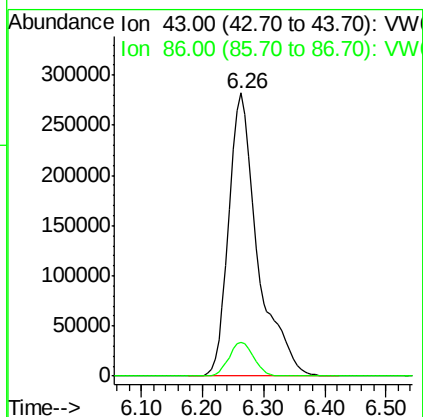
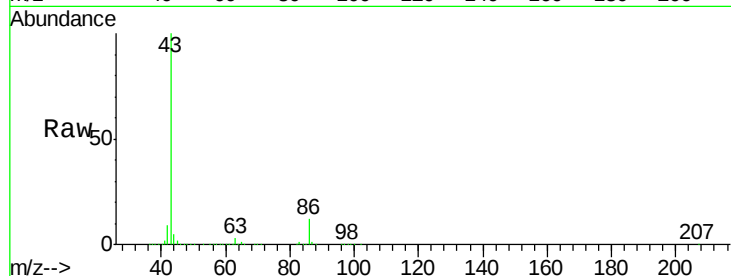
86 12.0 9.6 14.4

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 50.156 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

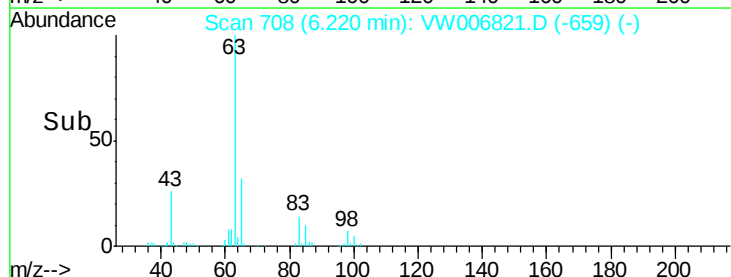
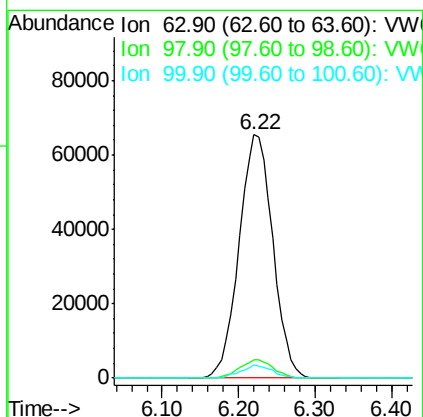
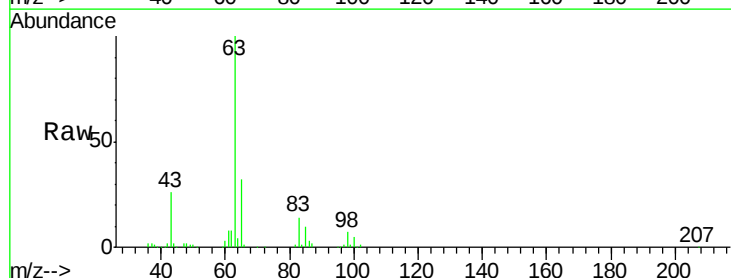
Tgt Ion: 63 Resp: 200406

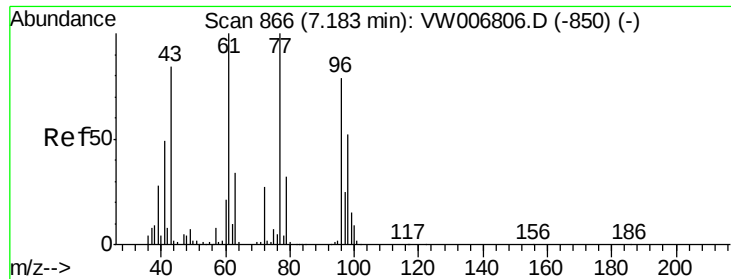
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.5

100 5.3 2.4 7.2





#25

2-Butanone

Concen: 273.335 ug/l

RT: 7.18 min Scan# 866

Delta R.T. 0.00 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 141707

Ion Ratio Lower Upper

43 100

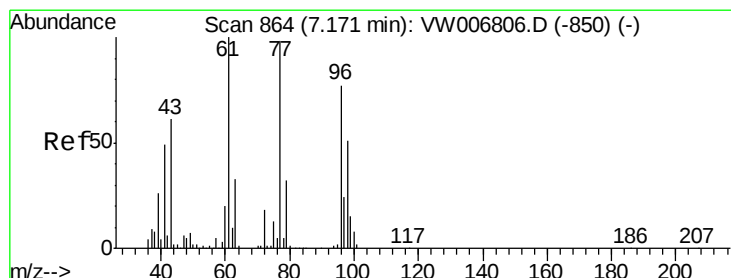
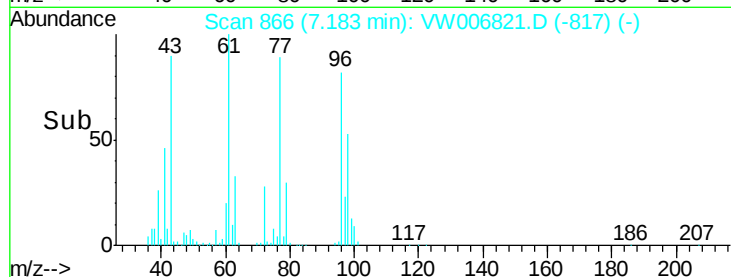
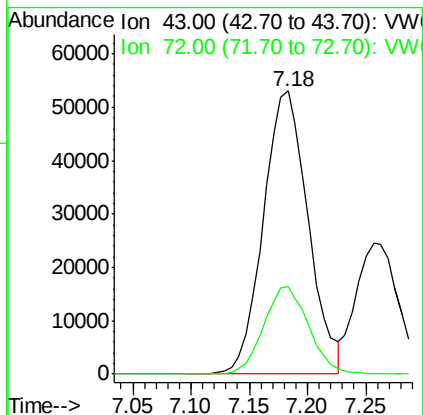
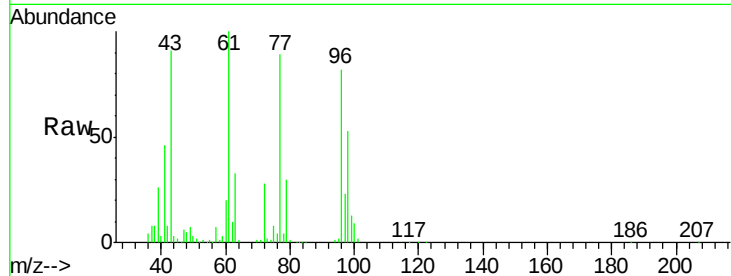
72 30.9 25.3 37.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 43.335 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006821.D

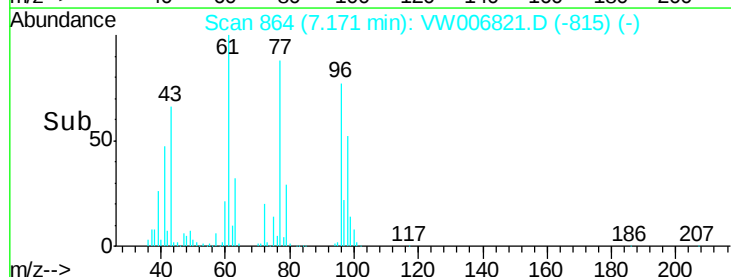
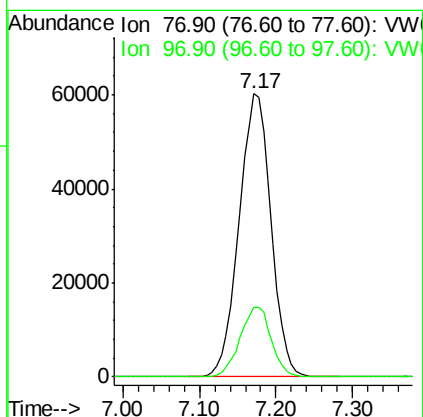
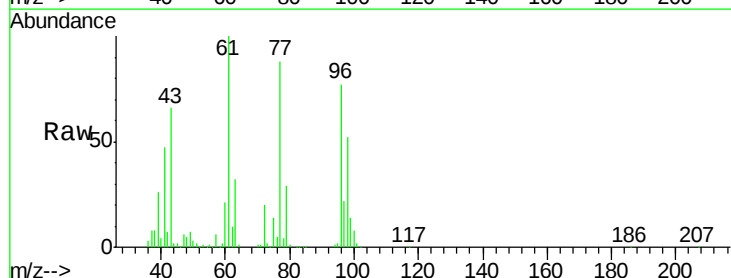
Acq: 12 Nov 2018 22:28

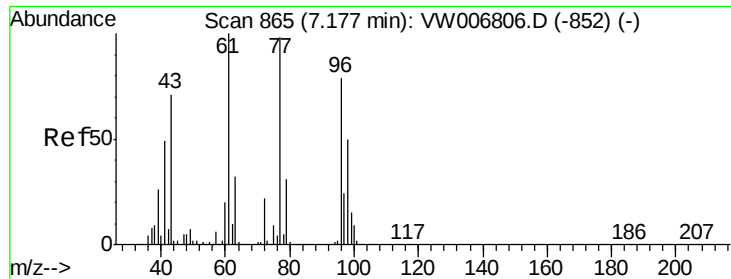
Tgt Ion: 77 Resp: 174217

Ion Ratio Lower Upper

77 100

97 24.2 12.0 36.1





#27

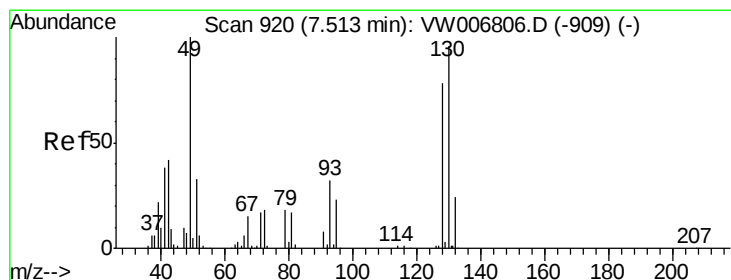
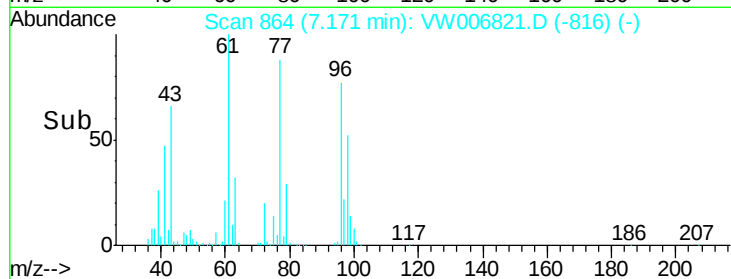
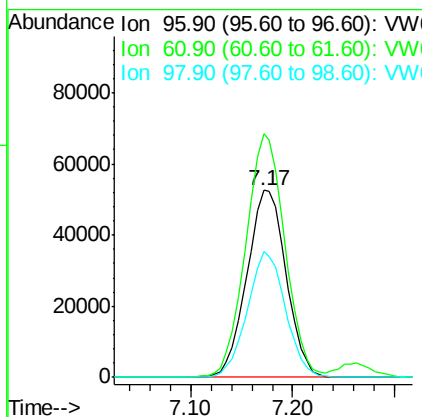
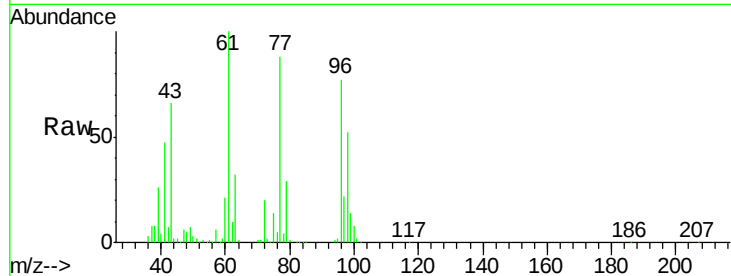
cis-1,2-Dichloroethene  
Concen: 50.792 ug/l  
RT: 7.17 min Scan# 864  
Delta R.T. -0.01 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 140853 |       |       |
| 61      | 129.9 | 0.0    | 264.0 |       |
| 98      | 65.1  | 0.0    | 131.0 |       |

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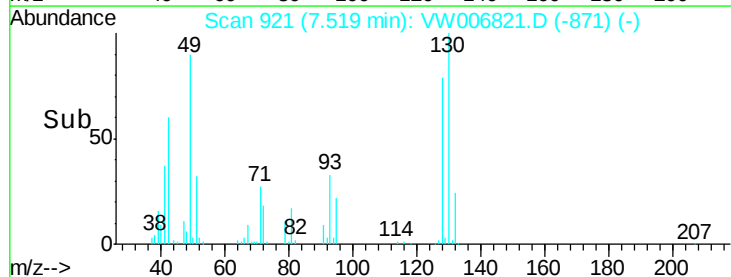
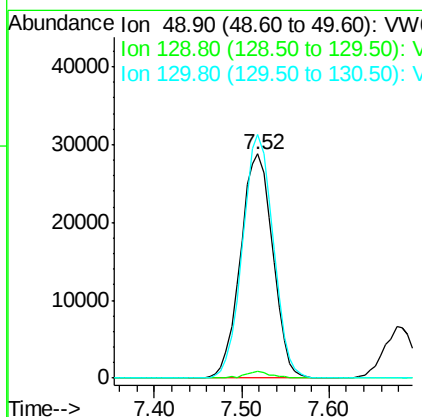
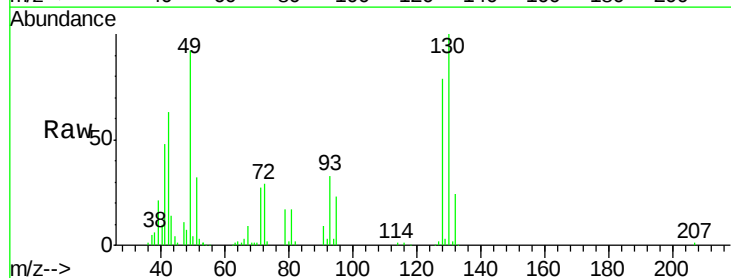
apatel  
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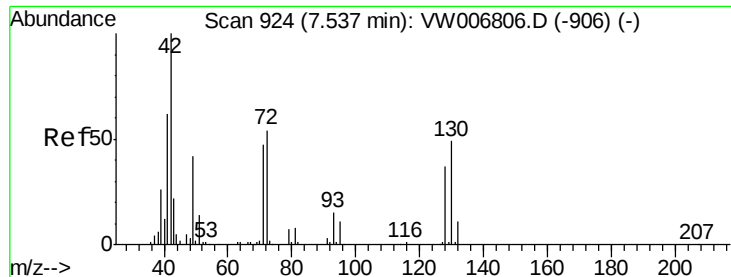


#28

Bromochloromethane  
Concen: 53.041 ug/l  
RT: 7.52 min Scan# 921  
Delta R.T. 0.01 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 74132 |       |       |
| 129     | 2.4   | 0.0   | 5.6   |       |
| 130     | 103.2 | 83.3  | 124.9 |       |





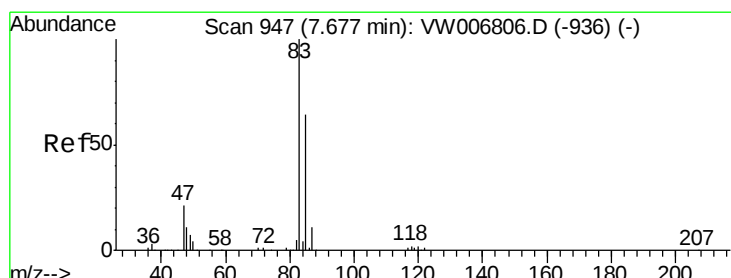
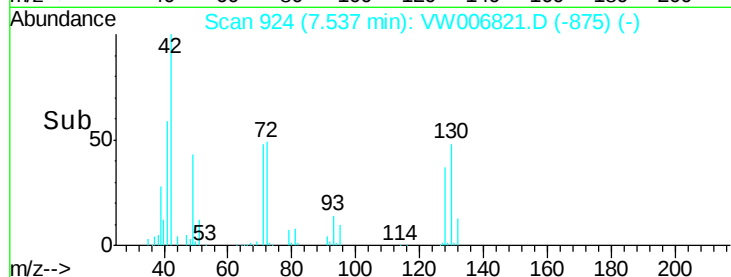
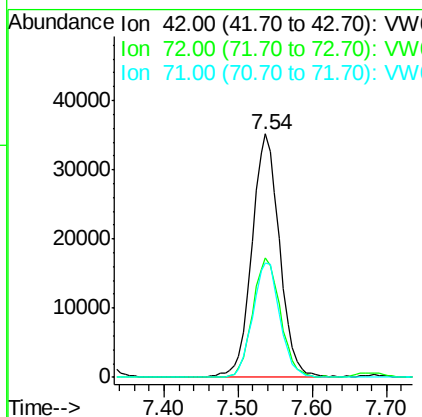
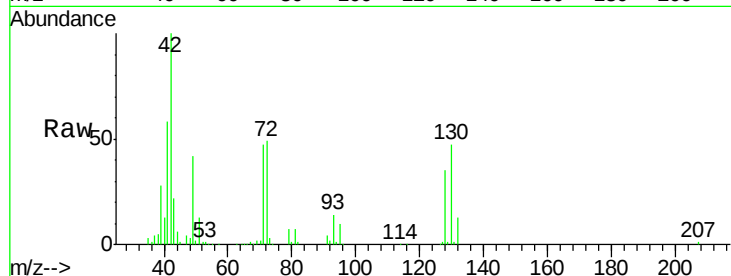
#29  
Tetrahydrofuran  
Concen: 276.603 ug/l  
RT: 7.54 min Scan# 924  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 49.0  | 40.9  | 61.3  |
| 71      | 46.2  | 36.9  | 55.3  |

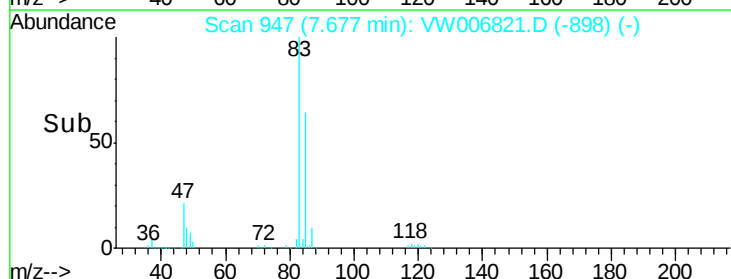
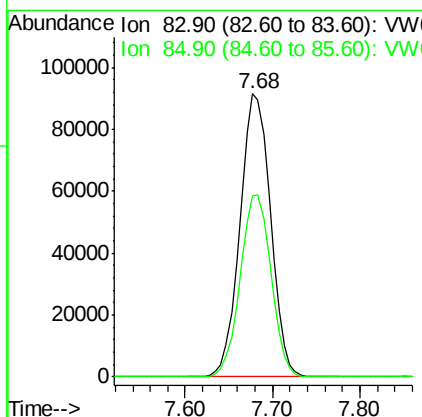
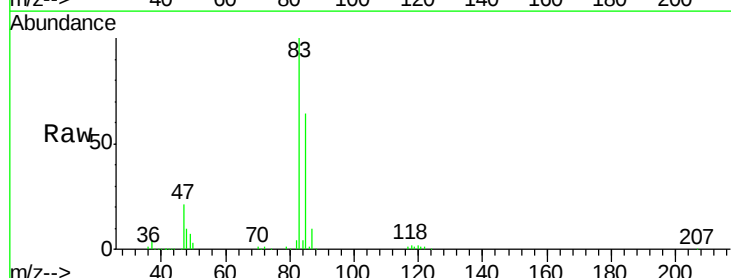
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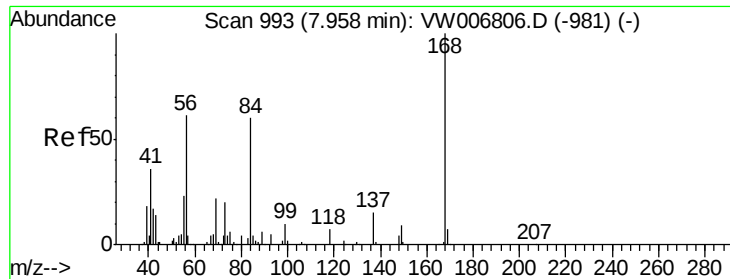
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#30  
Chloroform  
Concen: 50.928 ug/l  
RT: 7.68 min Scan# 947  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.9  | 51.5  | 77.3  |





#31

Cyclohexane

Concen: 45.544 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

Instrument :

MSVOA\_W

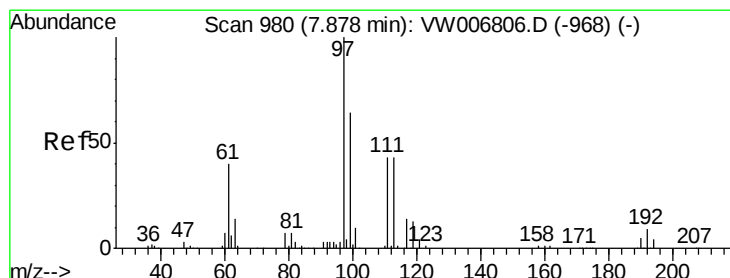
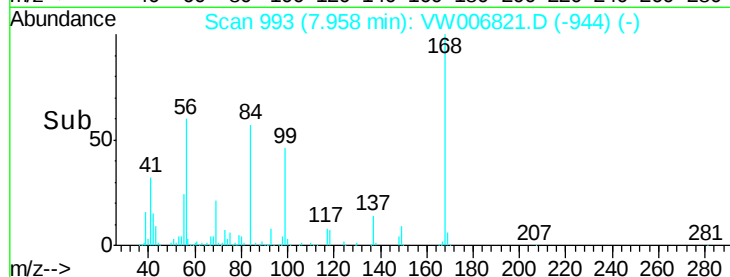
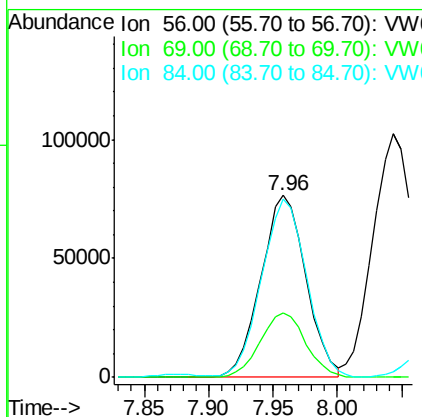
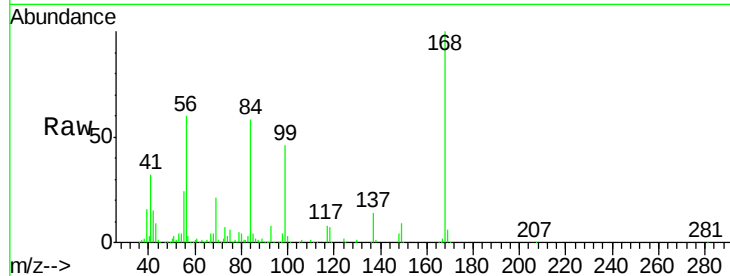
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 56    | Resp: | 186275 |
| Ion Ratio | Lower | Upper |        |
| 56        | 100   |       |        |
| 69        | 35.3  | 28.9  | 43.3   |
| 84        | 96.2  | 79.0  | 118.4  |

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#32

1,1,1-Trichloroethane

Concen: 47.992 ug/l

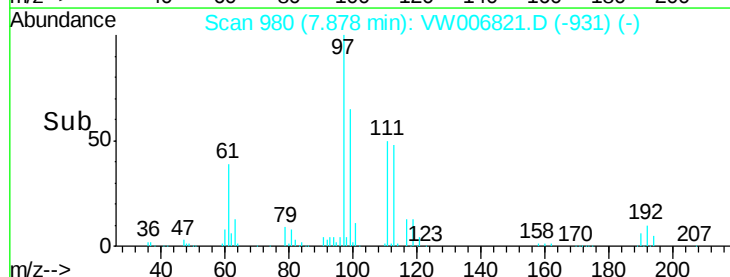
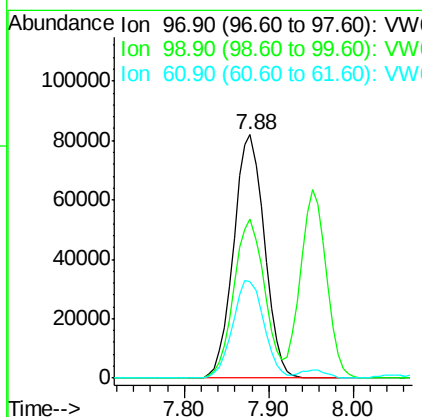
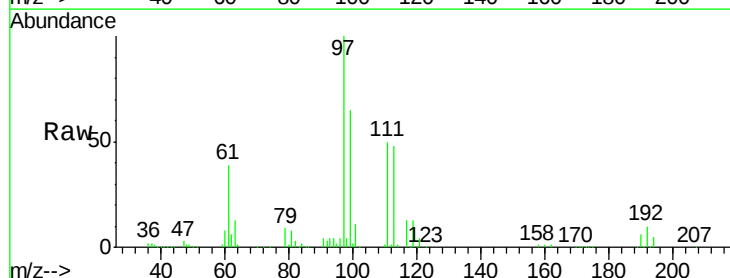
RT: 7.88 min Scan# 980

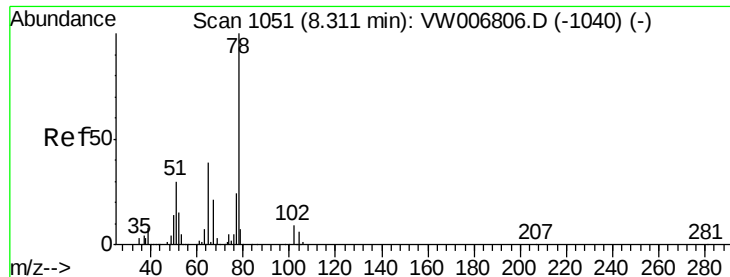
Delta R.T. 0.00 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 97    | Resp: | 202102 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 99        | 65.2  | 51.6  | 77.4   |
| 61        | 40.9  | 32.2  | 48.4   |





#33

1,2-Dichloroethane-d4

Concen: 50.446 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 107680

Ion Ratio Lower Upper

65 100

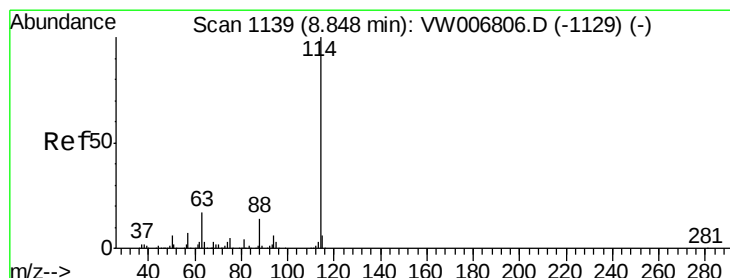
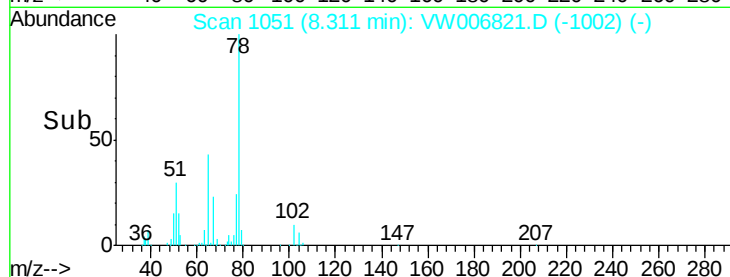
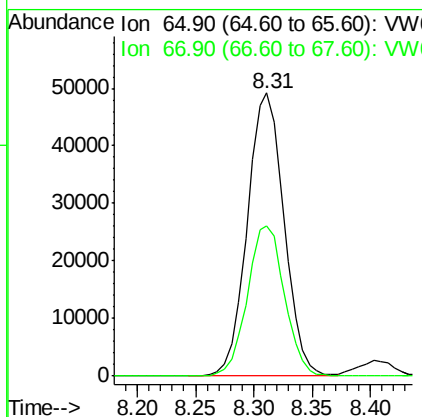
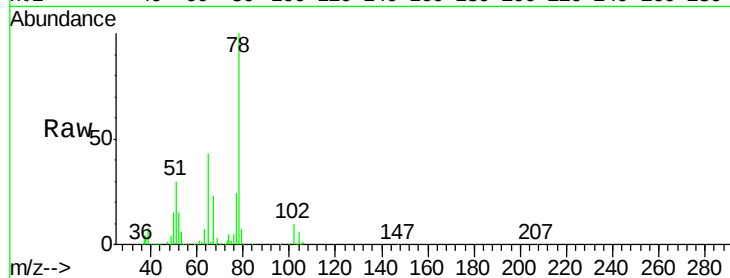
67 53.7 0.0 104.4

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

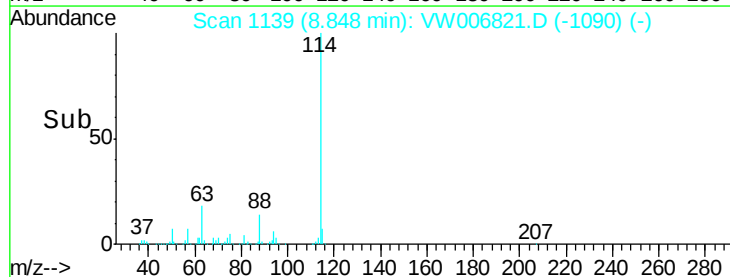
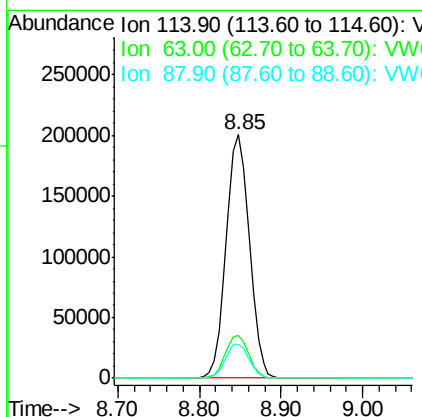
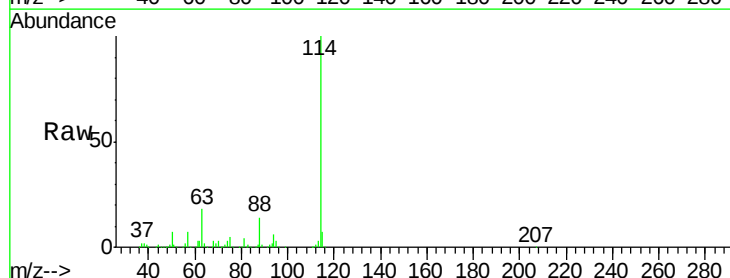
Tgt Ion: 114 Resp: 393554

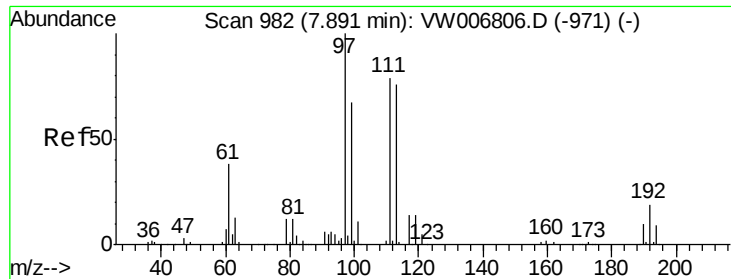
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.6

88 14.1 0.0 28.4





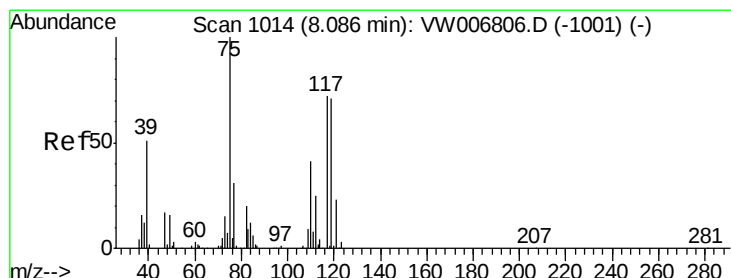
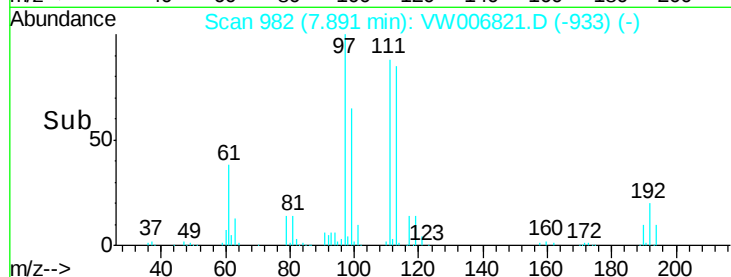
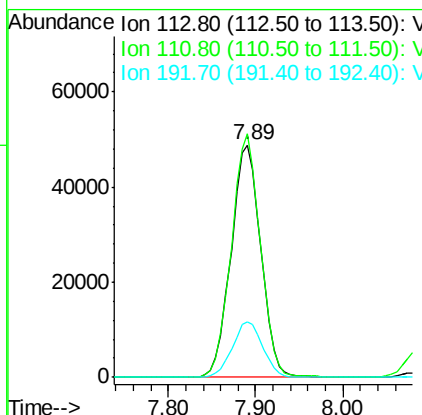
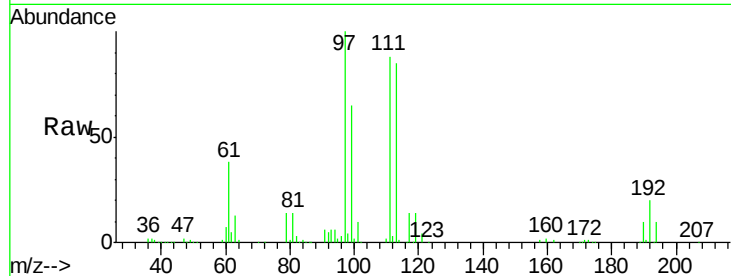
#35  
 Dibromofluoromethane  
 Concen: 49.257 ug/l  
 RT: 7.89 min Scan# 982  
 Delta R.T. 0.00 min  
 Lab File: VW006821.D  
 Acq: 12 Nov 2018 22:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 115433 |       |       |
| 111     | 102.1 | 81.0   | 121.6 |       |
| 192     | 24.1  | 19.0   | 28.6  |       |

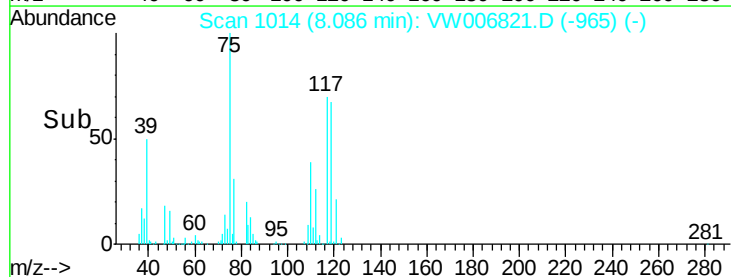
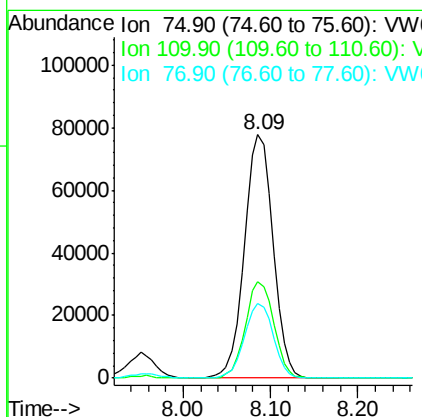
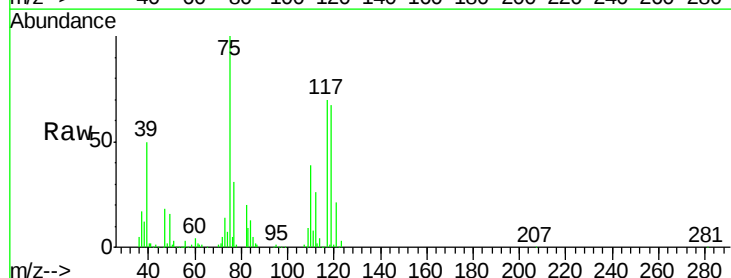
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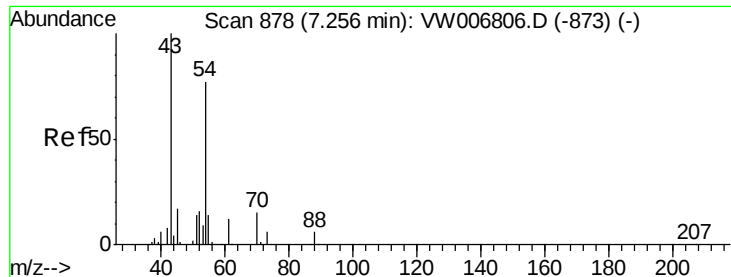
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#36  
 1,1-Dichloropropene  
 Concen: 48.123 ug/l  
 RT: 8.09 min Scan# 1014  
 Delta R.T. 0.00 min  
 Lab File: VW006821.D  
 Acq: 12 Nov 2018 22:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 177233 |       |       |
| 110     | 39.3  | 19.9   | 59.6  |       |
| 77      | 31.2  | 25.4   | 38.2  |       |





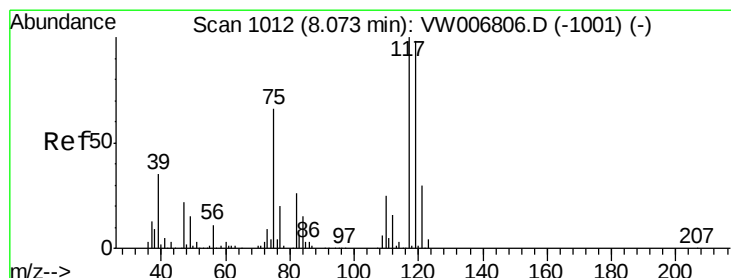
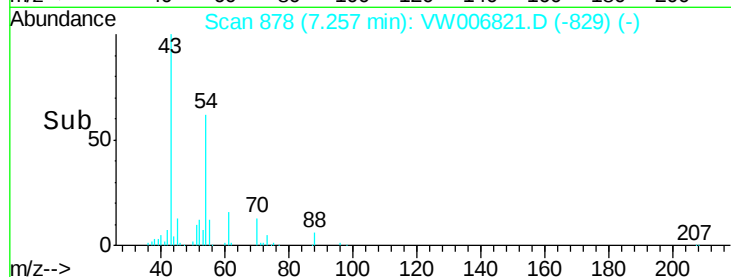
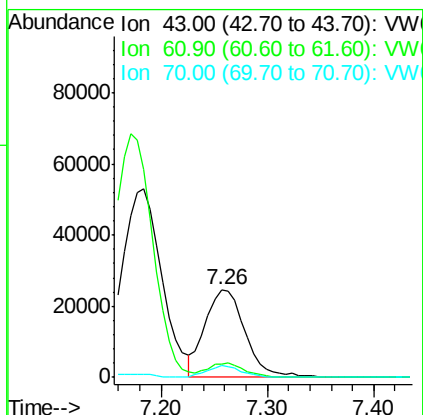
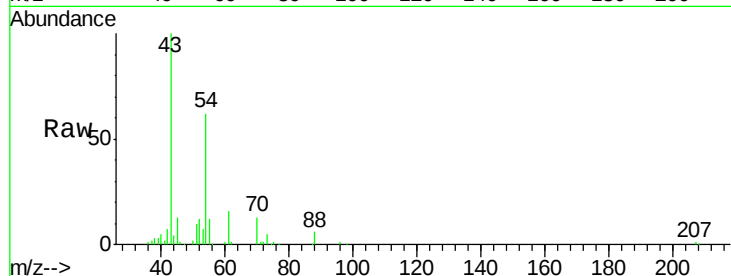
#37  
Ethyl Acetate  
Concen: 52.791 ug/l  
RT: 7.26 min Scan# 878  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 15.0  | 11.7  | 17.5  |
| 70      | 11.8  | 10.0  | 15.0  |

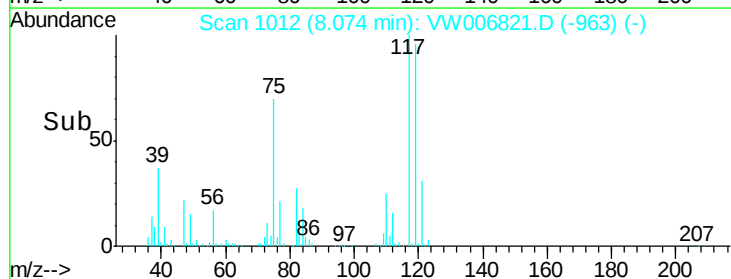
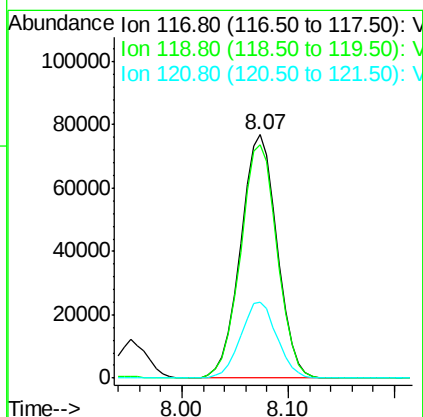
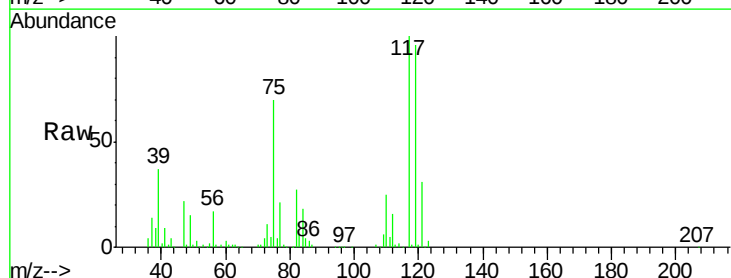
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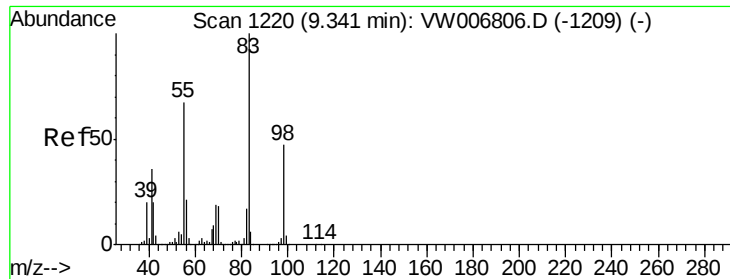
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#38  
Carbon Tetrachloride  
Concen: 46.264 ug/l  
RT: 8.07 min Scan# 1012  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 96.1  | 78.5  | 117.7 |
| 121     | 31.4  | 24.2  | 36.2  |





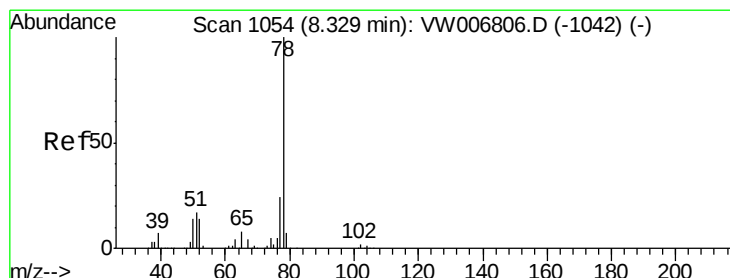
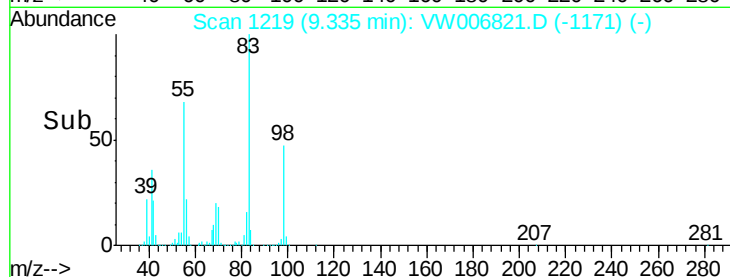
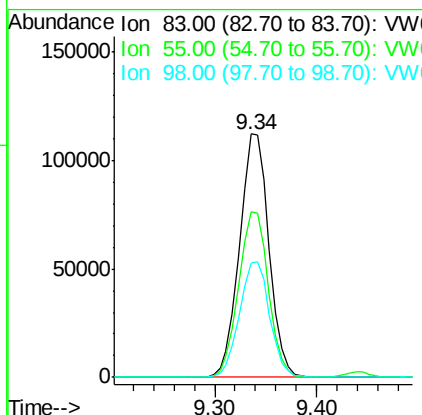
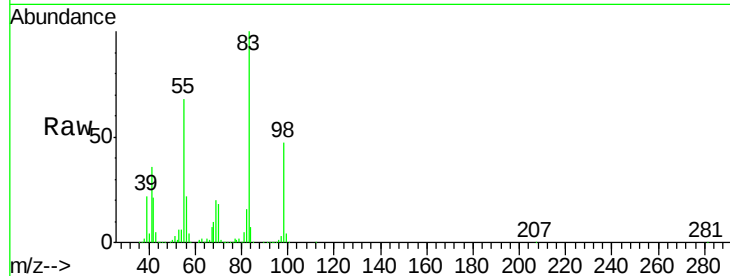
#39  
Methylcyclohexane  
Concen: 47.053 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. -0.01 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 68.2  | 53.3  | 79.9  |
| 98      | 46.9  | 37.9  | 56.9  |

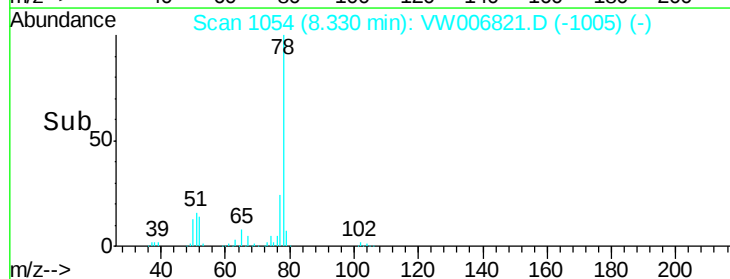
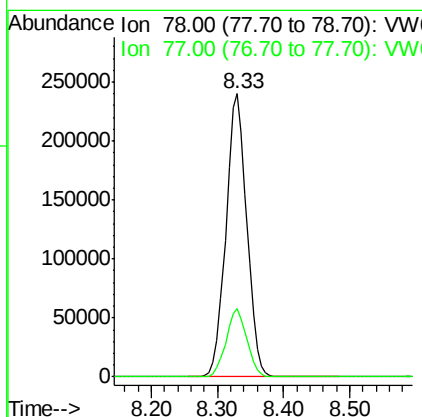
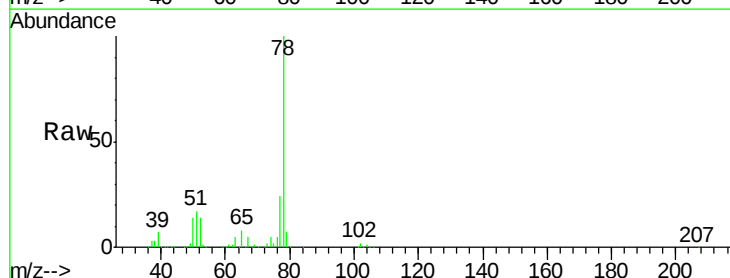
Manual Integrations  
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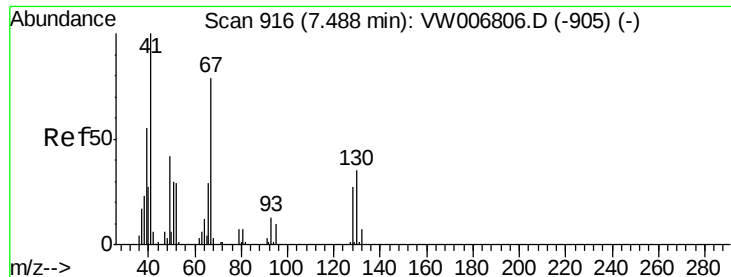
apatel  
11/13/2018 3:57:29 PM



#40  
Benzene  
Concen: 50.949 ug/l  
RT: 8.33 min Scan# 1054  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.1  | 19.0  | 28.6  |





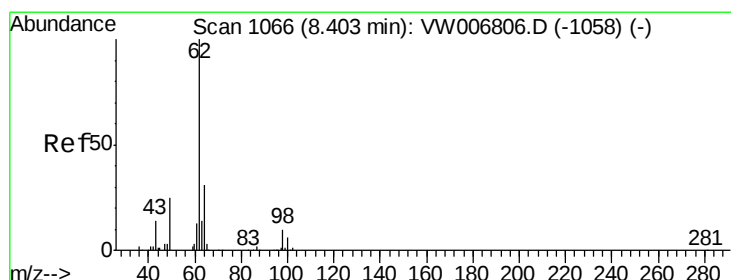
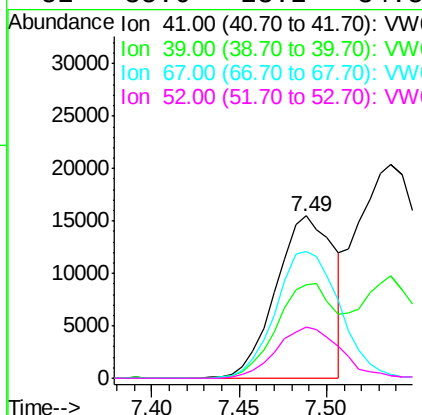
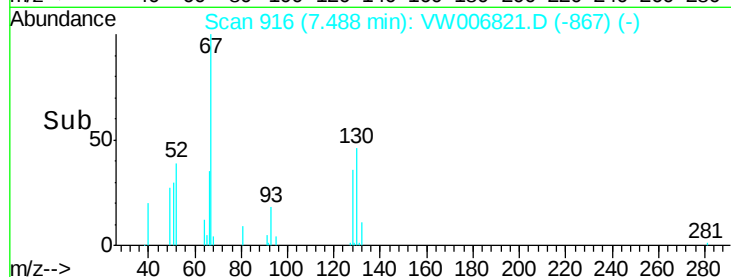
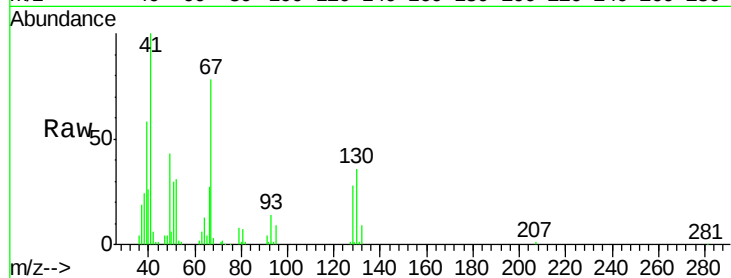
#41  
Methacrylonitrile  
Concen: 48.594 ug/l  
RT: 7.49 min Scan# 916  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 57.0  | 48.1  | 72.1  |
| 67      | 86.8  | 61.4  | 92.2  |
| 52      | 35.6  | 23.2  | 34.8  |

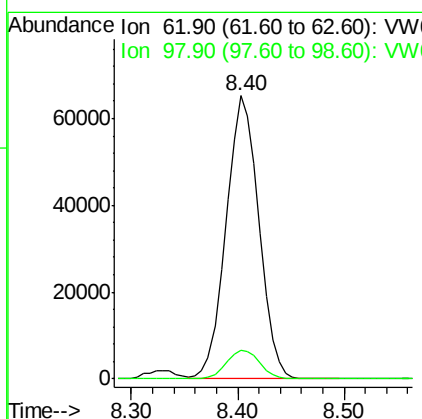
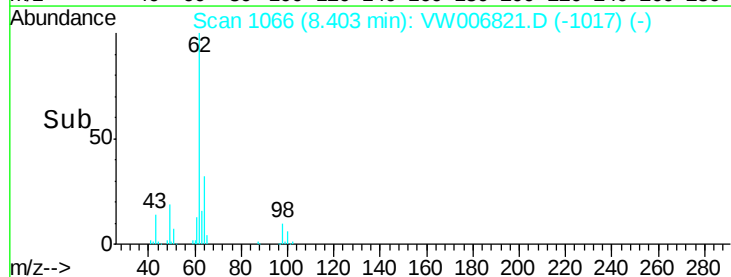
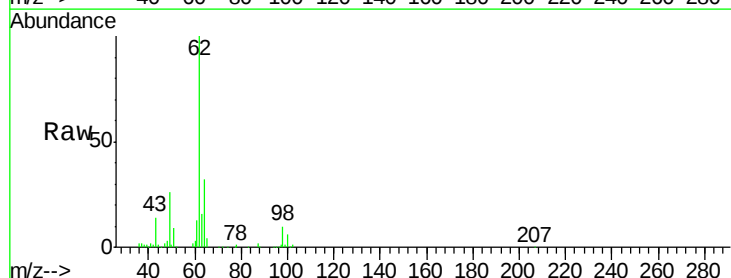
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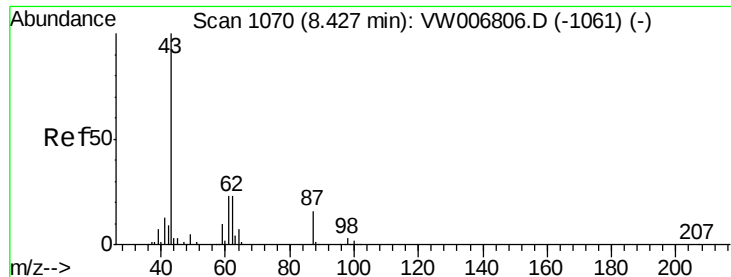
apatel  
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#42  
1,2-Dichloroethane  
Concen: 51.343 ug/l  
RT: 8.40 min Scan# 1066  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 10.2  | 0.0   | 20.0  |





#43

Isopropyl Acetate

Concen: 54.127 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

Instrument :

MSVOA\_W

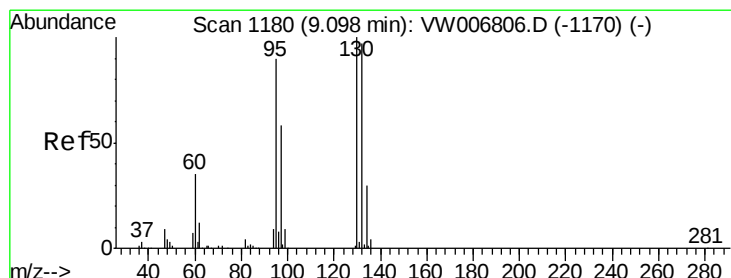
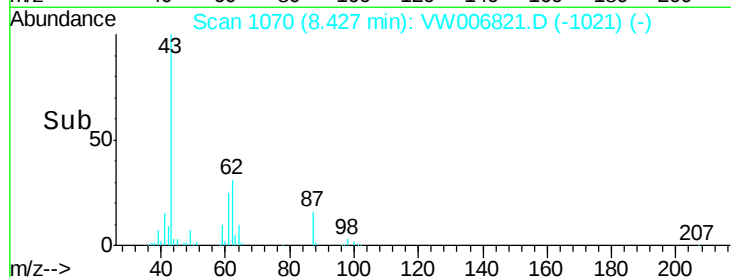
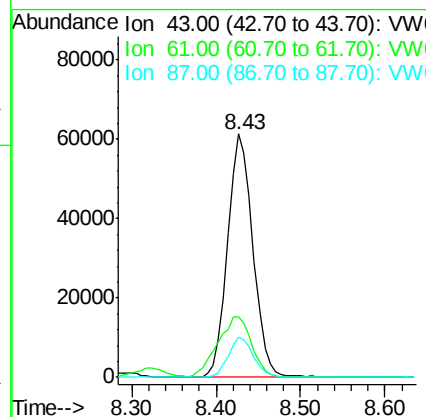
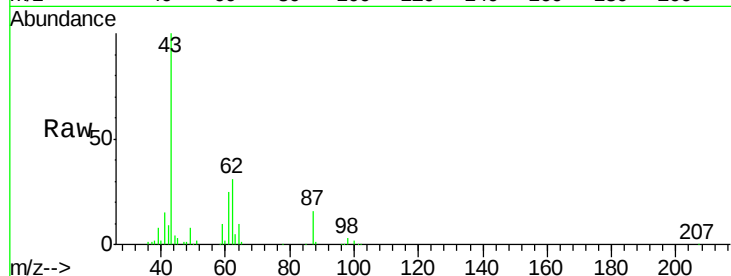
ClientSampleId :

VSTDCCC050

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 126774 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 61        | 33.4 | 27.0  | 40.4   |
| 87        | 16.0 | 13.0  | 19.4   |

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#44

Trichloroethene

Concen: 48.341 ug/l

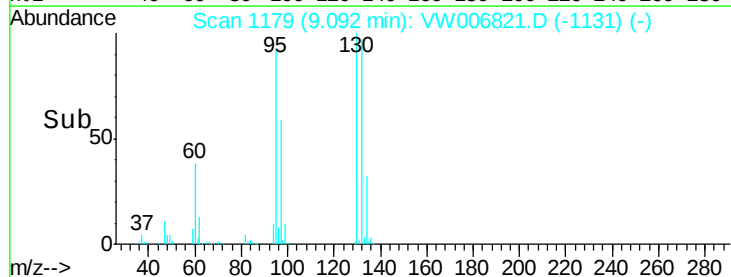
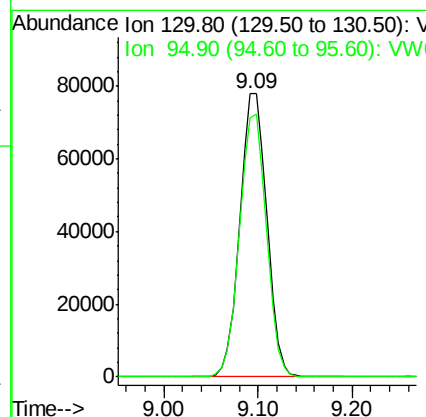
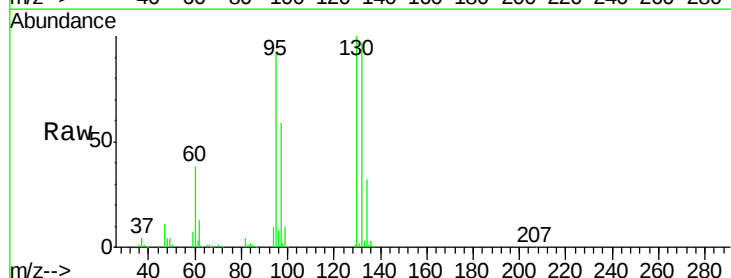
RT: 9.09 min Scan# 1179

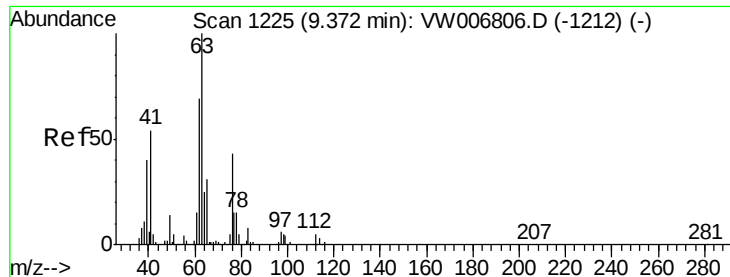
Delta R.T. -0.01 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 130  | Resp: | 156209 |
| Ion Ratio |      | Lower | Upper  |
| 130       | 100  |       |        |
| 95        | 91.6 | 0.0   | 180.2  |





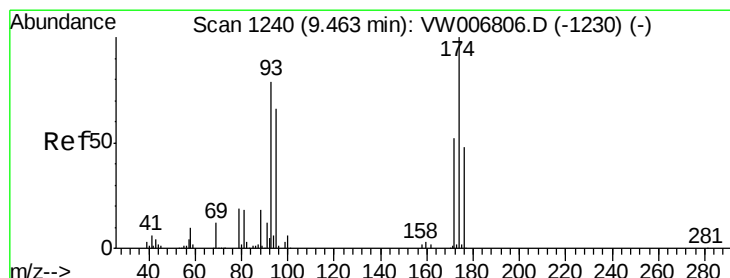
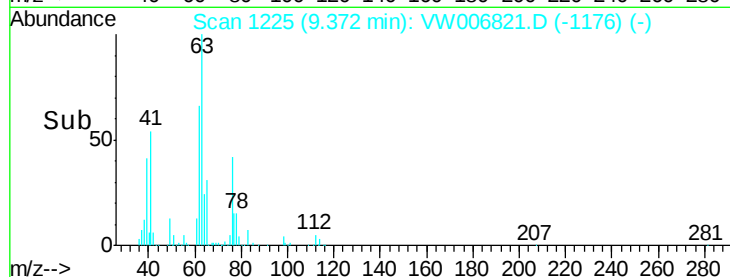
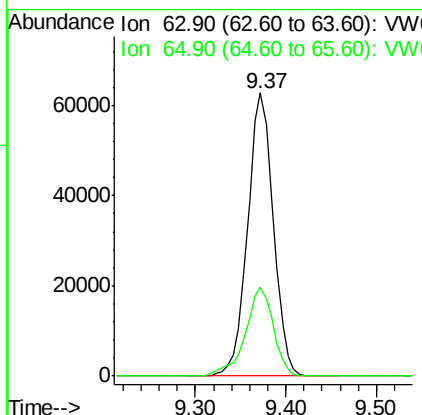
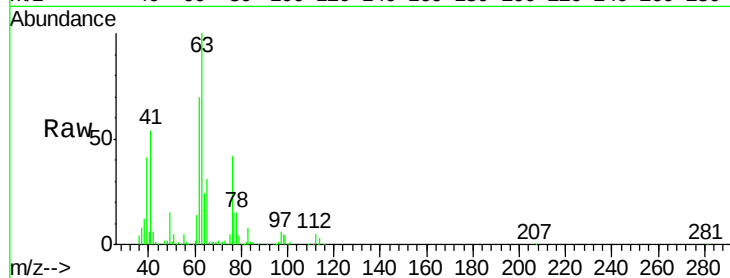
#45  
 1,2-Dichloropropane  
 Concen: 51.673 ug/l  
 RT: 9.37 min Scan# 1225  
 Delta R.T. 0.00 min  
 Lab File: VW006821.D  
 Acq: 12 Nov 2018 22:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 31.3  | 24.4  | 36.6  |

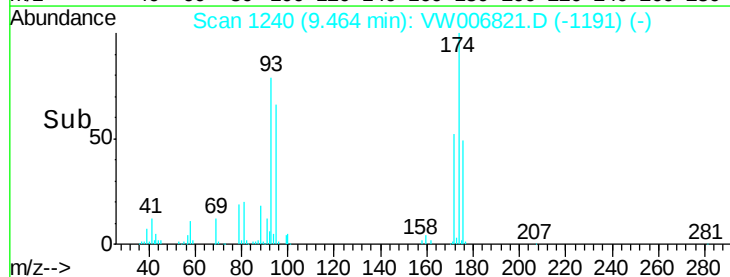
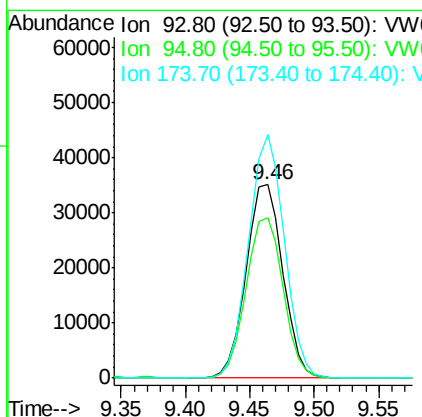
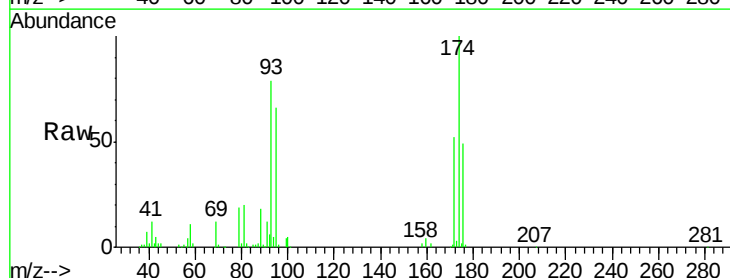
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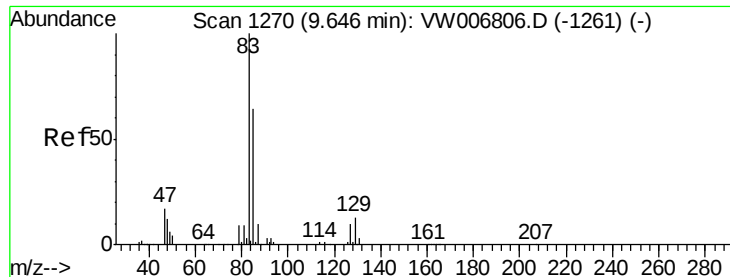
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#46  
 Dibromomethane  
 Concen: 52.057 ug/l  
 RT: 9.46 min Scan# 1240  
 Delta R.T. 0.00 min  
 Lab File: VW006821.D  
 Acq: 12 Nov 2018 22:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 83.7  | 67.0  | 100.6 |
| 174     | 122.9 | 98.6  | 147.8 |





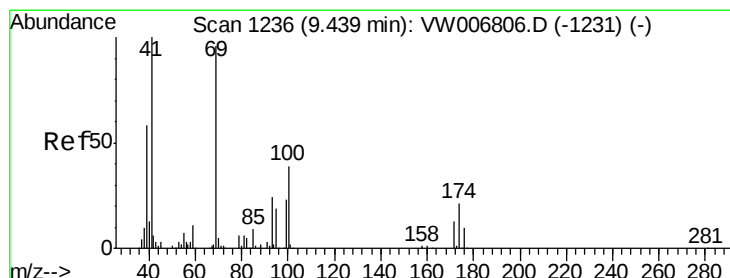
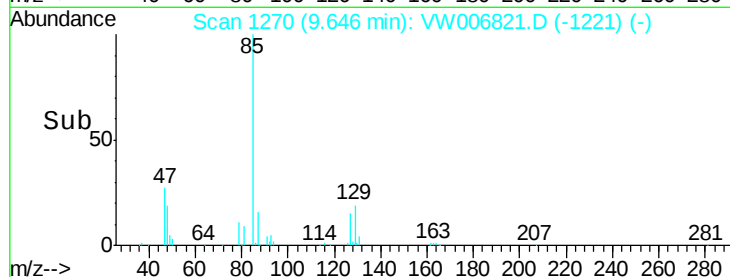
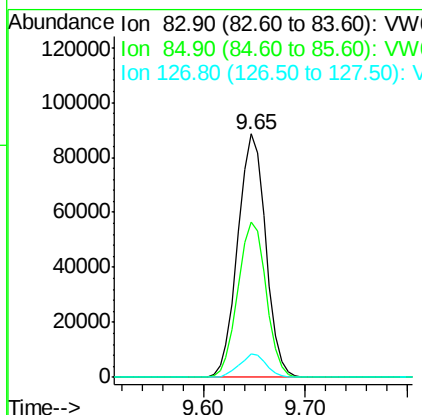
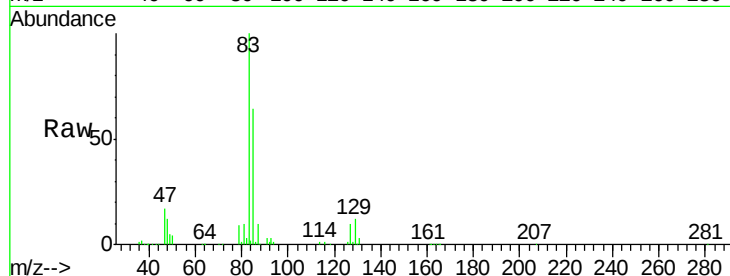
#47  
Bromodichloromethane  
Concen: 50.952 ug/l  
RT: 9.65 min Scan# 1270  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.6  | 51.4  | 77.0  |
| 127     | 9.6   | 7.6   | 11.4  |

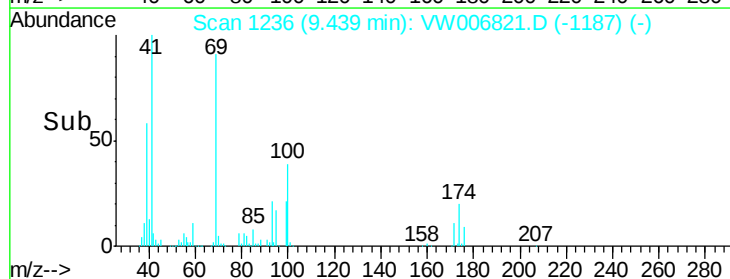
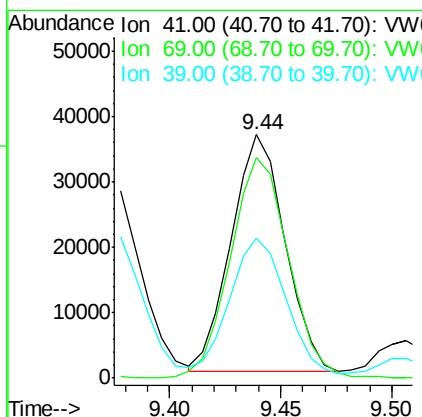
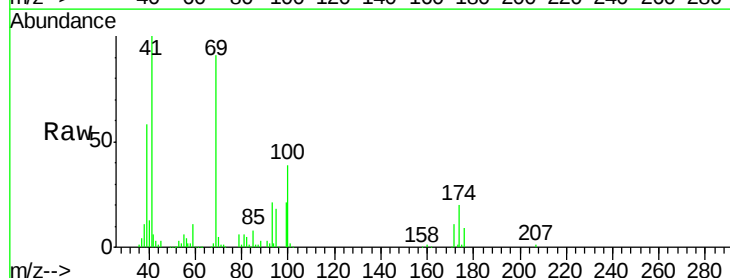
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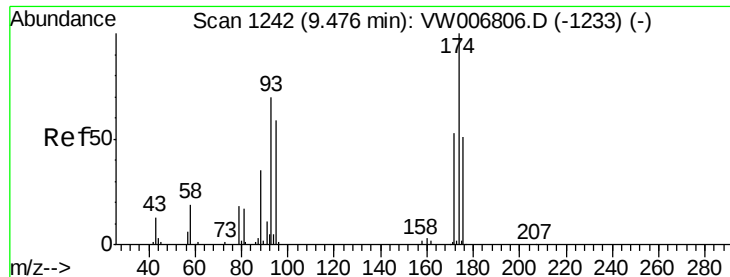
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#48  
Methyl methacrylate  
Concen: 53.188 ug/l  
RT: 9.44 min Scan# 1236  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 100.4 | 79.8  | 119.6 |
| 39      | 58.8  | 45.9  | 68.9  |





#49

1,4-Dioxane

Concen: 1177.211 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. -0.01 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

Instrument :

MSVOA\_W

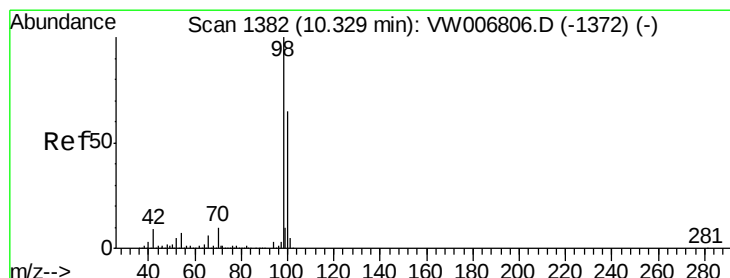
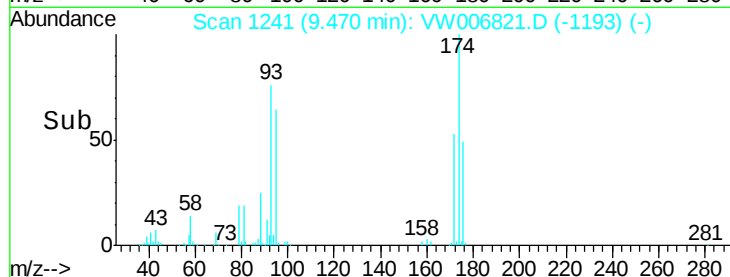
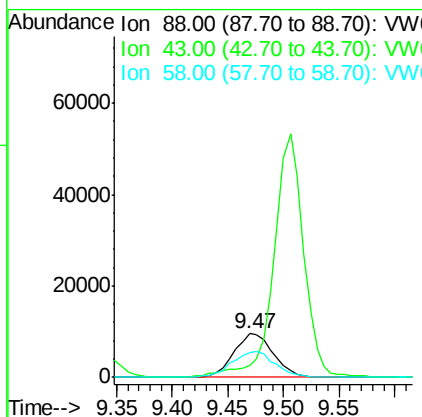
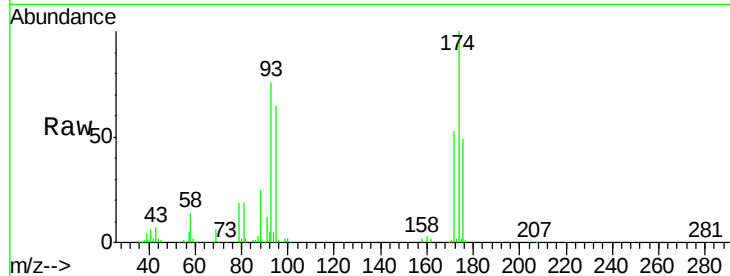
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 23630 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 0.0   | 0.0   | 0.0   |
| 58       | 63.4  | 50.6  | 75.8  |

Manual Integrations  
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#50

Toluene-d8

Concen: 49.951 ug/l

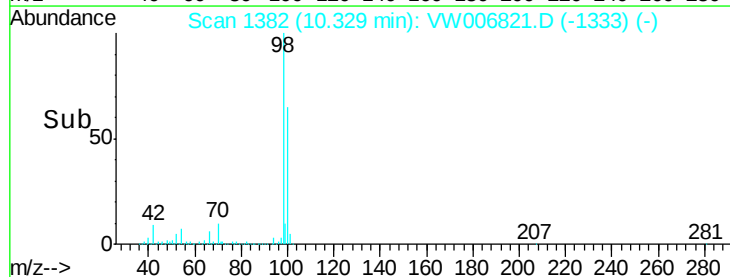
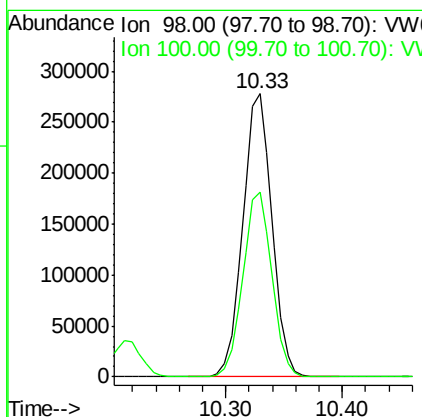
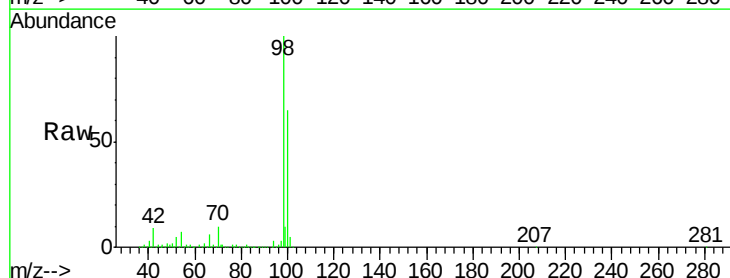
RT: 10.33 min Scan# 1382

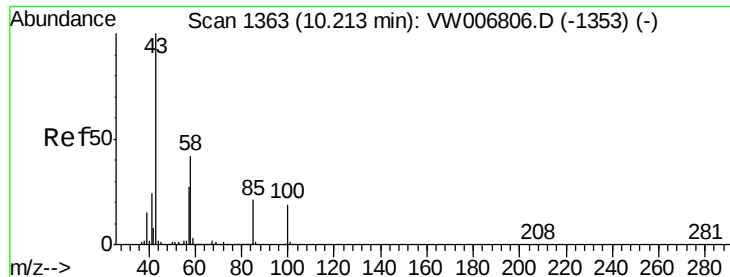
Delta R.T. 0.00 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 485201 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 64.9  | 51.4  | 77.2   |





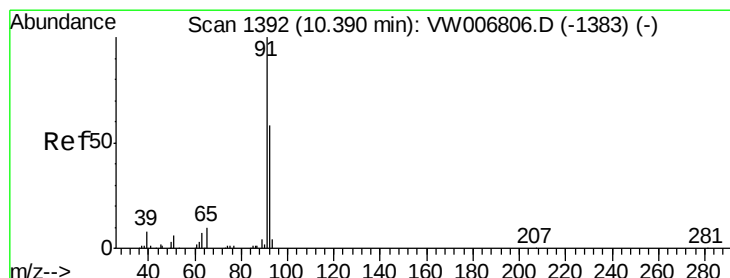
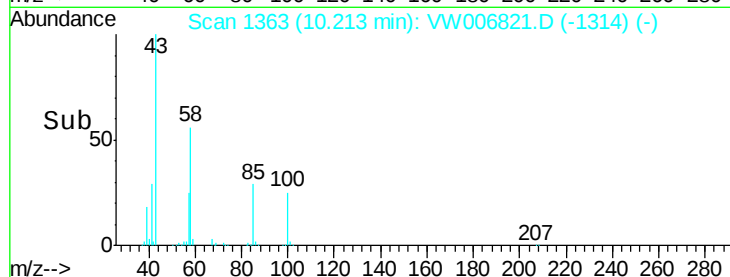
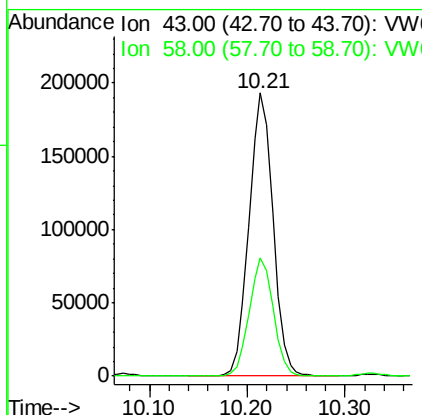
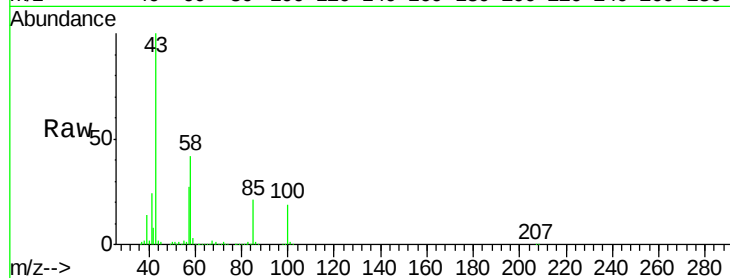
#51  
4-Methyl-2-Pentanone  
Concen: 280.867 ug/l  
RT: 10.21 min Scan# 1363  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 329855  
Ion Ratio Lower Upper  
43 100  
58 41.7 34.0 51.0

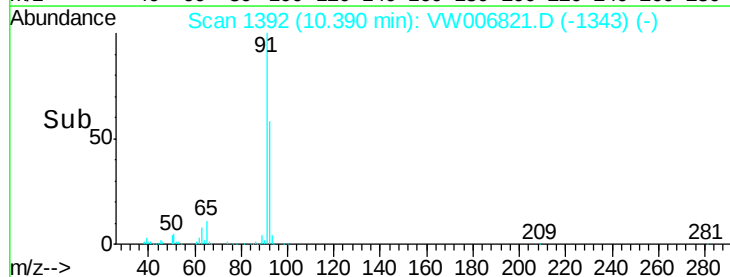
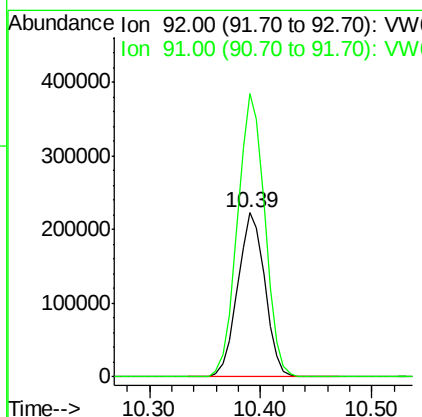
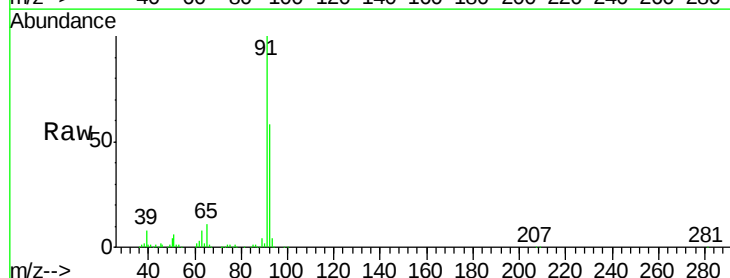
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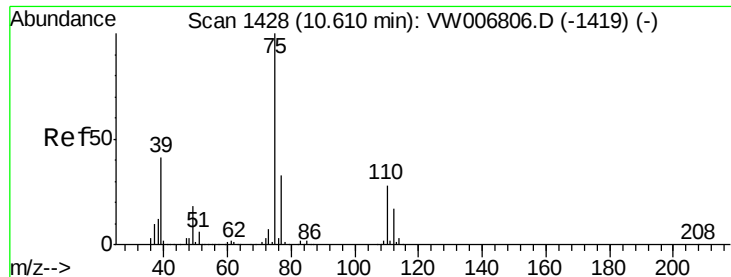
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#52  
Toluene  
Concen: 51.761 ug/l  
RT: 10.39 min Scan# 1392  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

Tgt Ion: 92 Resp: 375791  
Ion Ratio Lower Upper  
92 100  
91 173.6 139.4 209.2





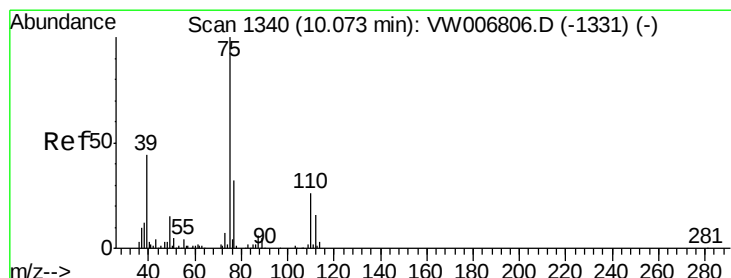
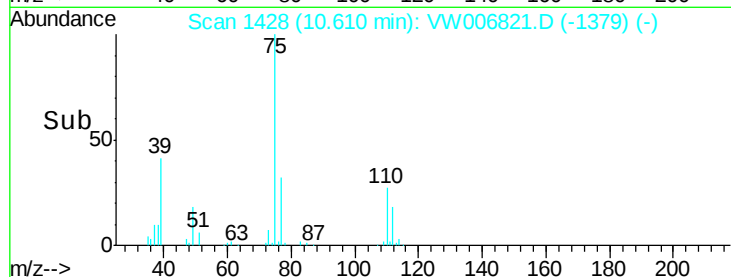
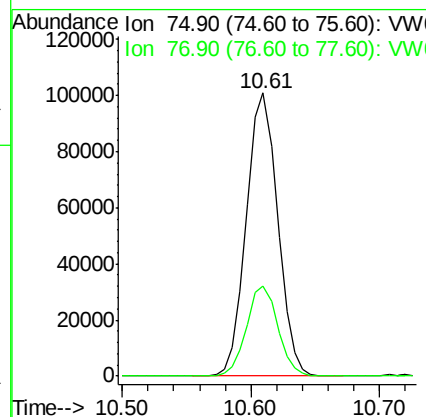
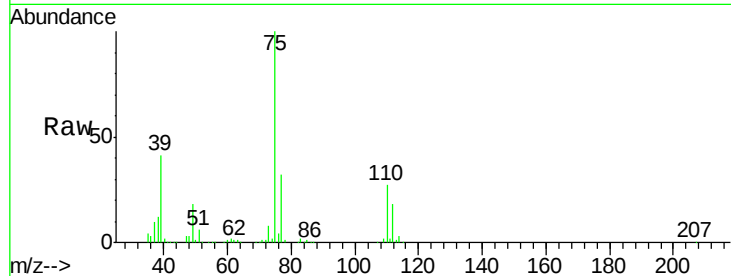
#53  
 t-1,3-Dichloropropene  
 Concen: 52.492 ug/l  
 RT: 10.61 min Scan# 1428  
 Delta R.T. 0.00 min  
 Lab File: VW006821.D  
 Acq: 12 Nov 2018 22:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 75 Resp: 170298  
 Ion Ratio Lower Upper  
 75 100  
 77 31.8 26.3 39.5

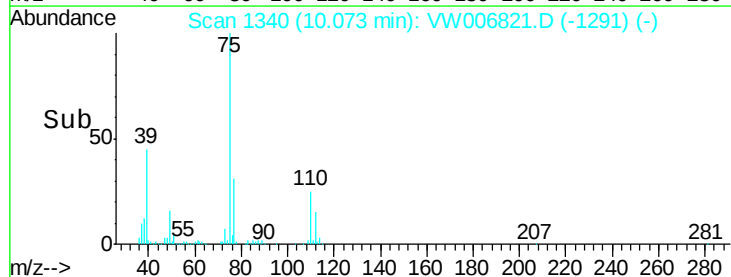
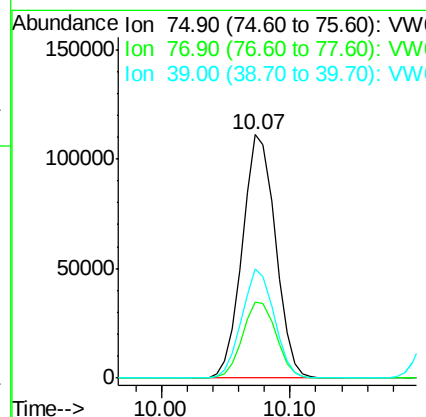
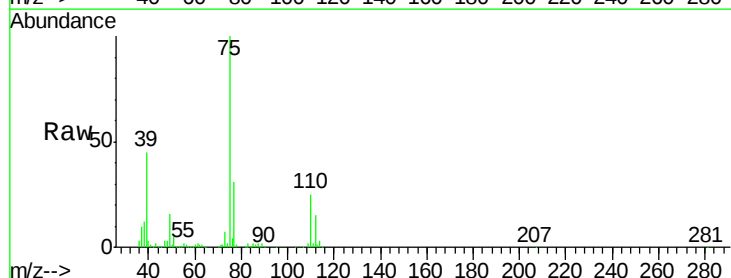
Manual Integrations  
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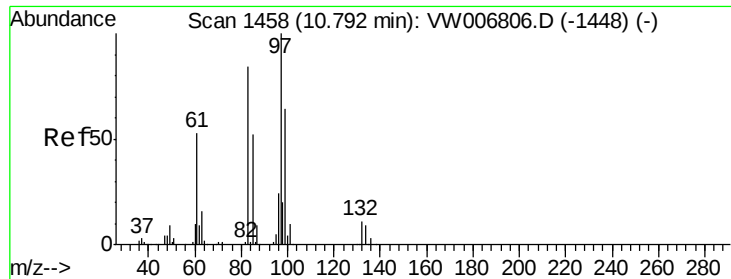
apatel  
 11/13/2018 3:57:29 PM



#54  
 cis-1,3-Dichloropropene  
 Concen: 51.419 ug/l  
 RT: 10.07 min Scan# 1340  
 Delta R.T. 0.00 min  
 Lab File: VW006821.D  
 Acq: 12 Nov 2018 22:28

Tgt Ion: 75 Resp: 197806  
 Ion Ratio Lower Upper  
 75 100  
 77 31.4 25.2 37.8  
 39 44.7 35.3 52.9





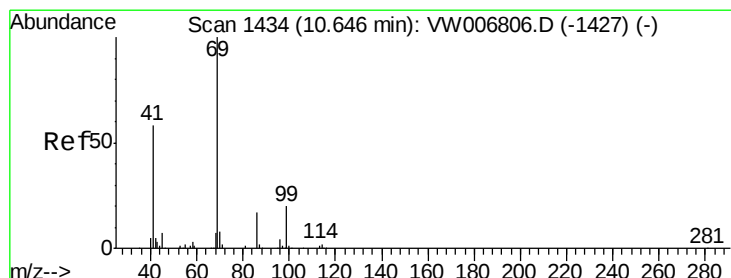
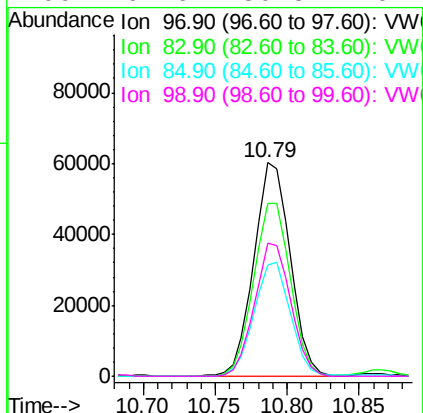
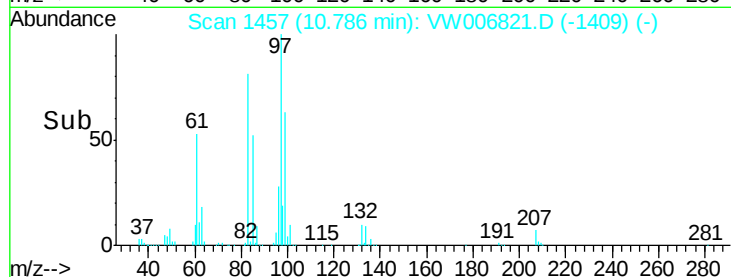
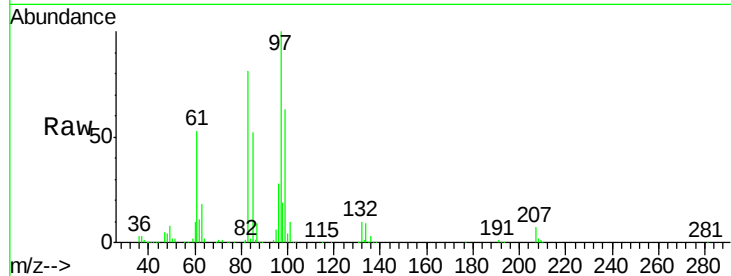
#55  
 1,1,2-Trichloroethane  
 Concen: 53.454 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. -0.01 min  
 Lab File: VW006821.D  
 Acq: 12 Nov 2018 22:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 81.1  | 67.0  | 100.4 |
| 85      | 52.1  | 41.7  | 62.5  |
| 99      | 62.6  | 50.8  | 76.2  |

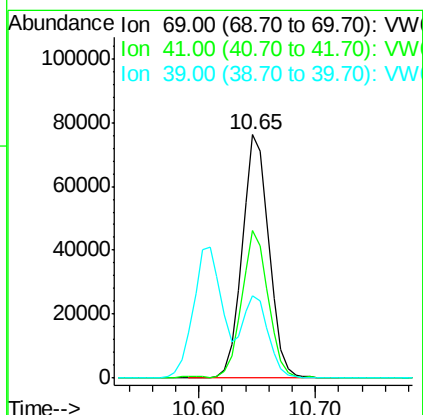
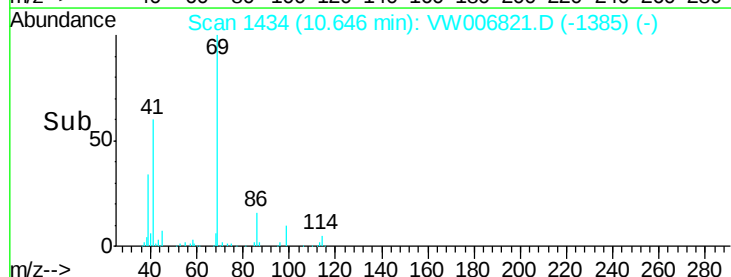
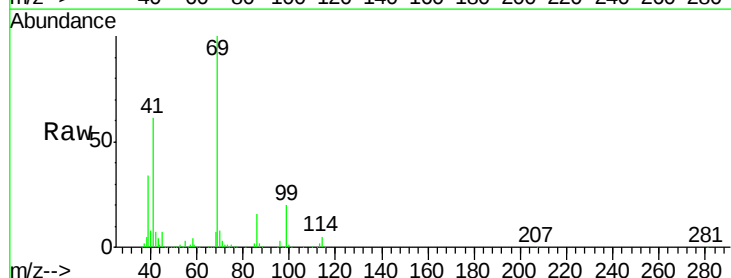
Manual Integrations  
 APPROVED

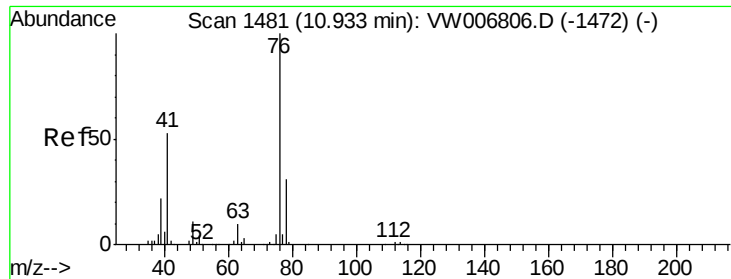
apatel  
 11/13/2018 3:57:29 PM



#56  
 Ethyl methacrylate  
 Concen: 56.264 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. 0.00 min  
 Lab File: VW006821.D  
 Acq: 12 Nov 2018 22:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 59.4  | 47.0  | 70.4  |
| 39      | 33.4  | 23.1  | 34.7  |





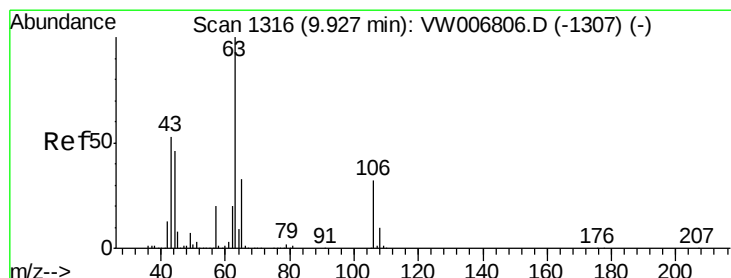
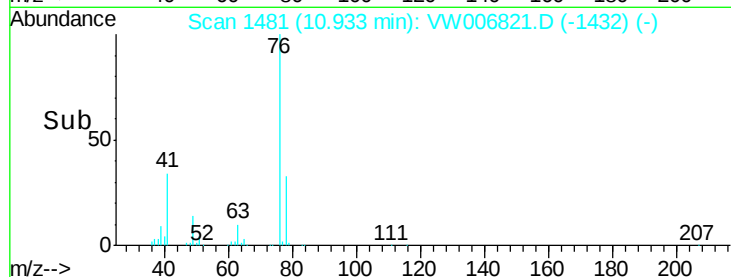
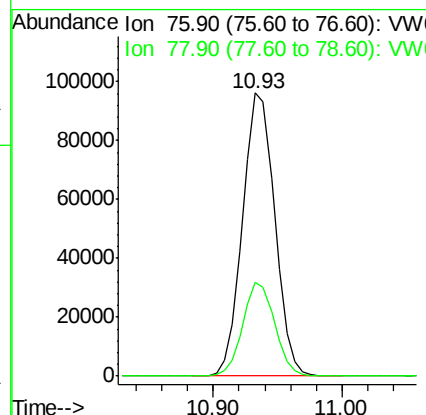
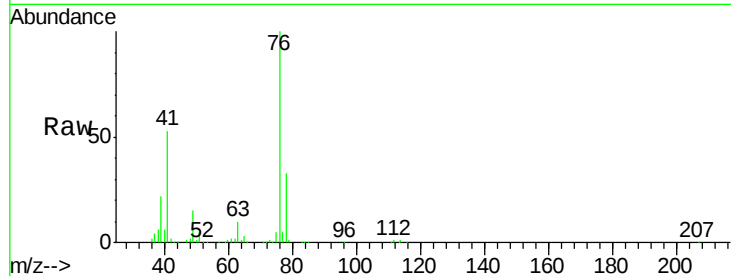
#57  
 1,3-Dichloropropane  
 Concen: 53.246 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. 0.00 min  
 Lab File: VW006821.D  
 Acq: 12 Nov 2018 22:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 76 Resp: 166247  
 Ion Ratio Lower Upper  
 76 100  
 78 32.8 26.2 39.2

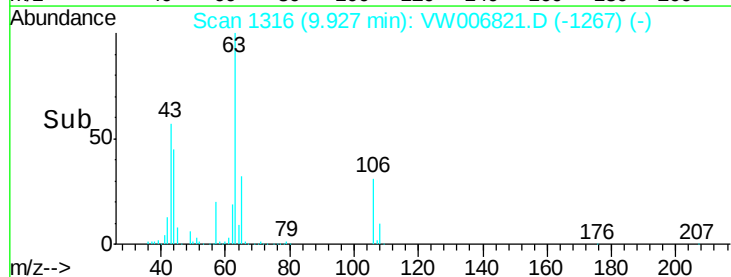
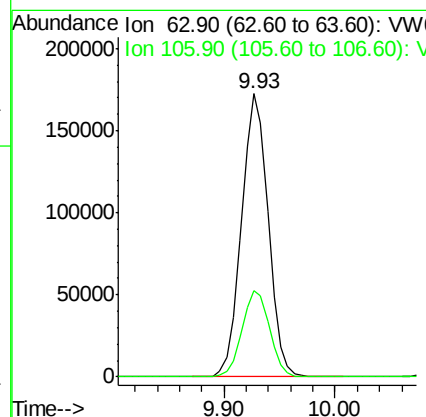
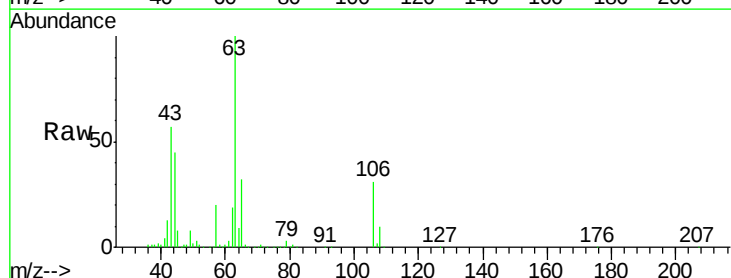
Manual Integrations  
 APPROVED

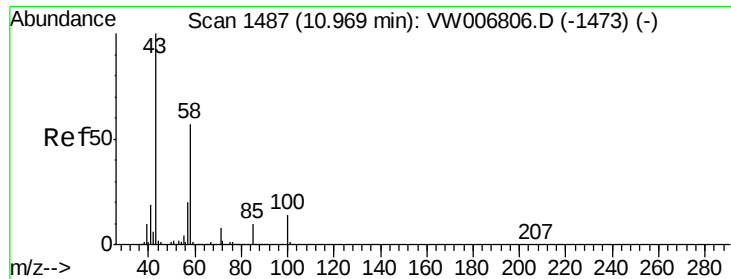
apatel  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 263.691 ug/l  
 RT: 9.93 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VW006821.D  
 Acq: 12 Nov 2018 22:28

Tgt Ion: 63 Resp: 285352  
 Ion Ratio Lower Upper  
 63 100  
 106 31.4 25.4 38.0





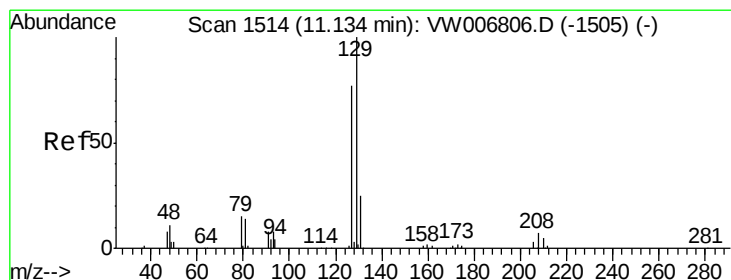
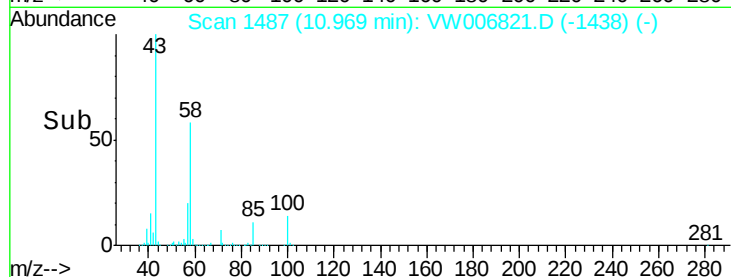
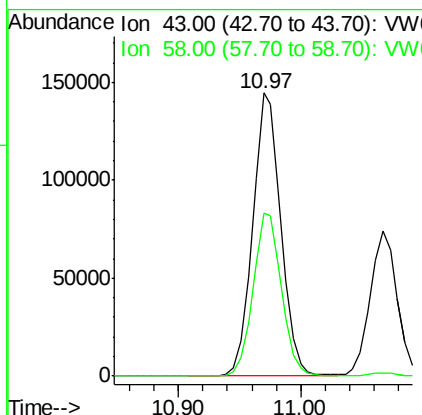
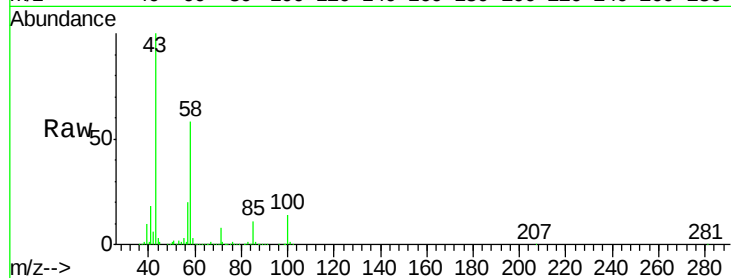
#59  
2-Hexanone  
Concen: 286.094 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 231756  
Ion Ratio Lower Upper  
43 100  
58 58.0 28.7 86.1

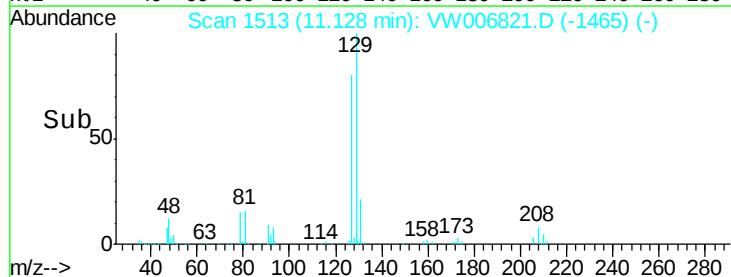
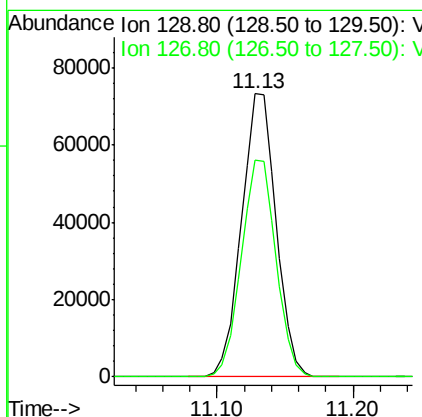
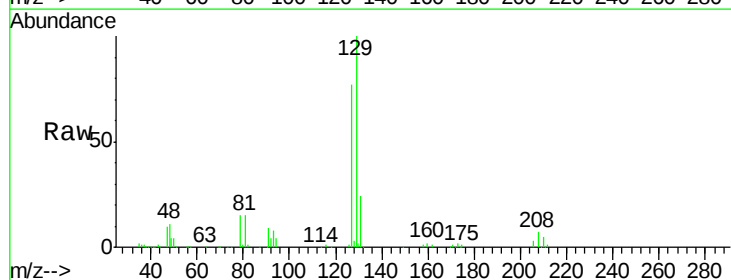
Manual Integrations  
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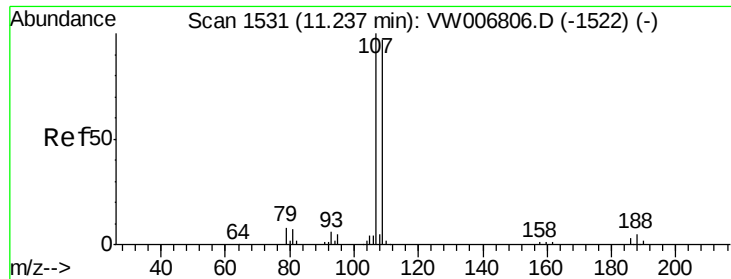
apatel  
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#60  
Dibromochloromethane  
Concen: 53.966 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. -0.01 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

Tgt Ion: 129 Resp: 130189  
Ion Ratio Lower Upper  
129 100  
127 76.8 38.7 116.1





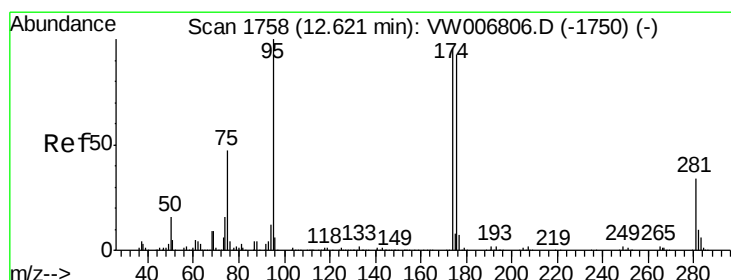
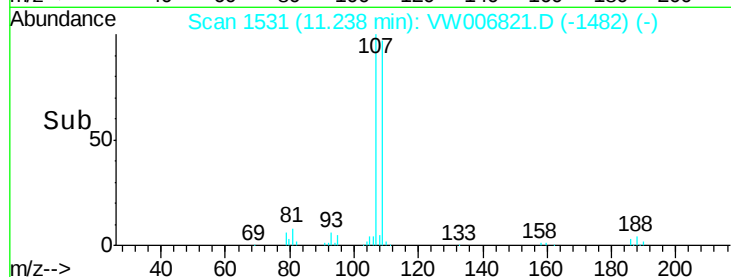
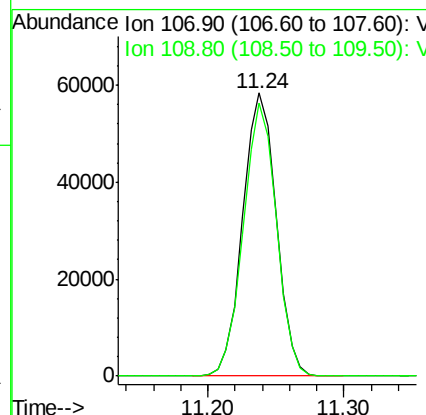
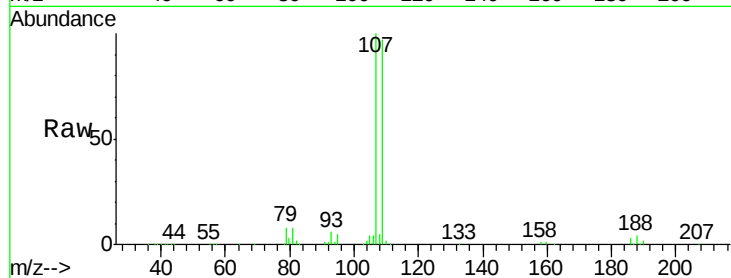
#61  
1,2-Dibromoethane  
Concen: 53.821 ug/l  
RT: 11.24 min Scan# 1531  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 107 Resp: 100776  
Ion Ratio Lower Upper  
107 100  
109 95.4 76.7 115.1

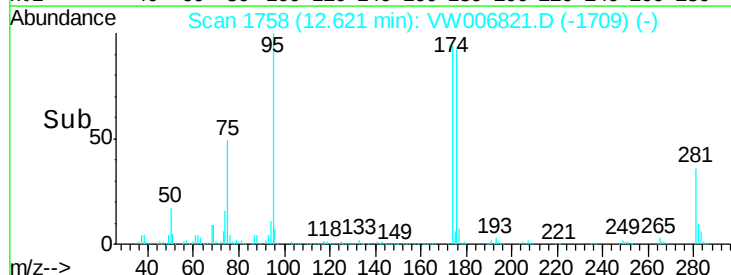
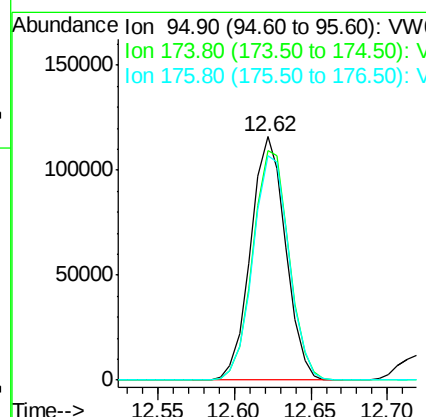
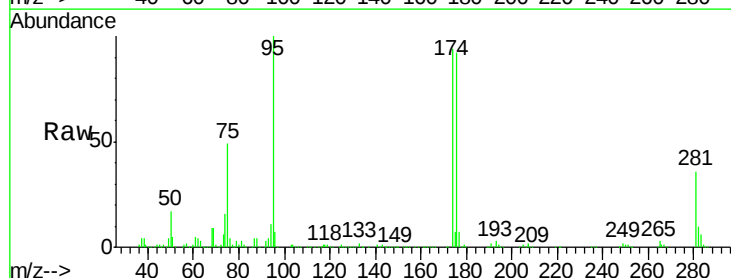
Manual Integrations  
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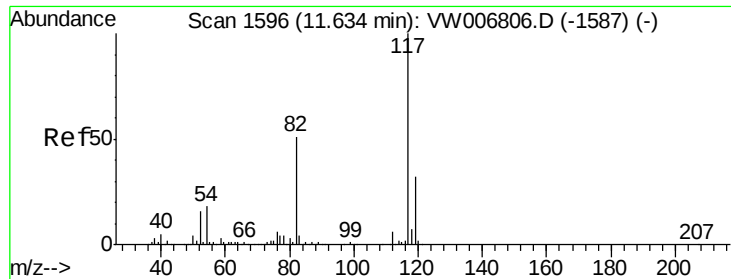
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#62  
4-Bromofluorobenzene  
Concen: 51.615 ug/l  
RT: 12.62 min Scan# 1758  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

Tgt Ion: 95 Resp: 184656  
Ion Ratio Lower Upper  
95 100  
174 97.3 0.0 196.6  
176 95.3 0.0 191.6





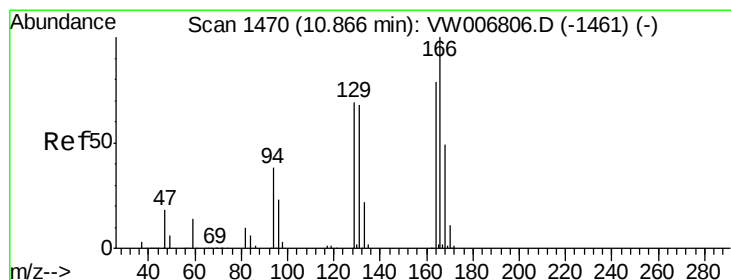
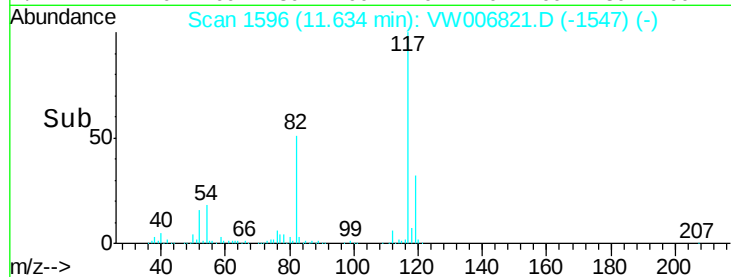
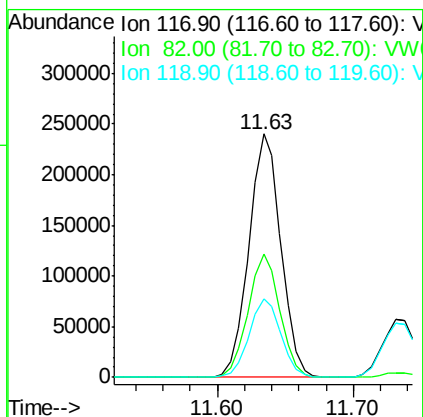
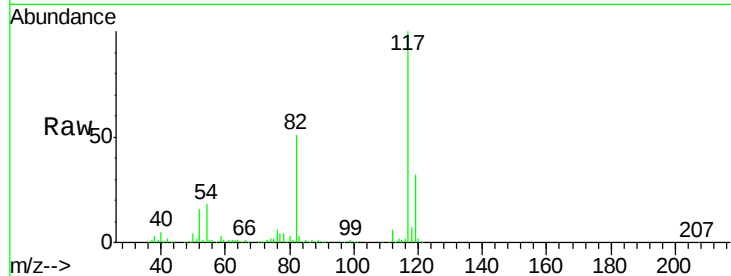
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 117     | 100   |            |            |
| 82      | 50.6  | 40.6       | 61.0       |
| 119     | 32.2  | 25.5       | 38.3       |

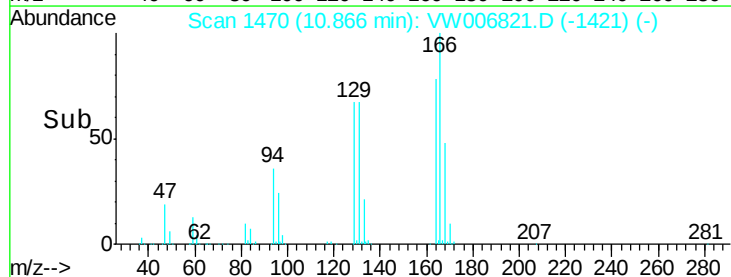
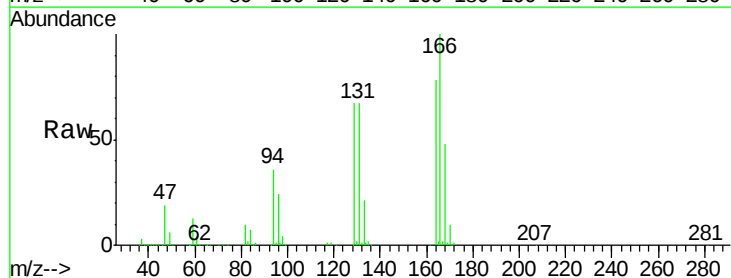
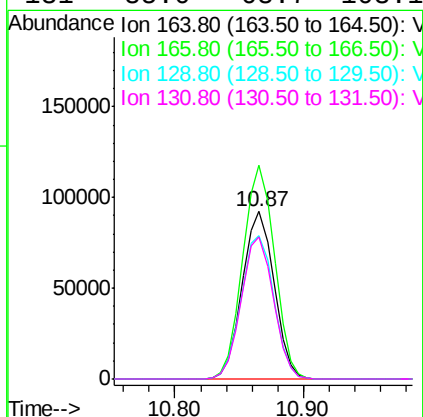
Manual Integrations  
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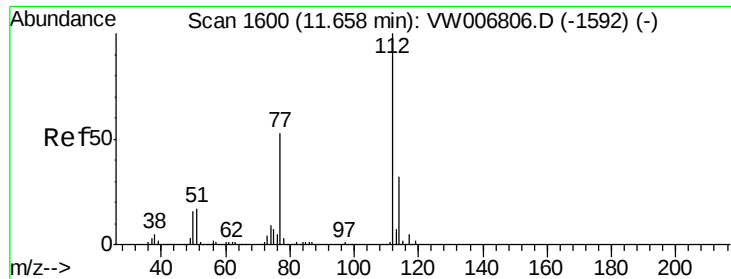
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#64  
Tetrachloroethene  
Concen: 49.598 ug/l  
RT: 10.87 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 164     | 100   |            |            |
| 166     | 127.5 | 101.3      | 151.9      |
| 129     | 85.9  | 69.6       | 104.4      |
| 131     | 85.0  | 68.7       | 103.1      |





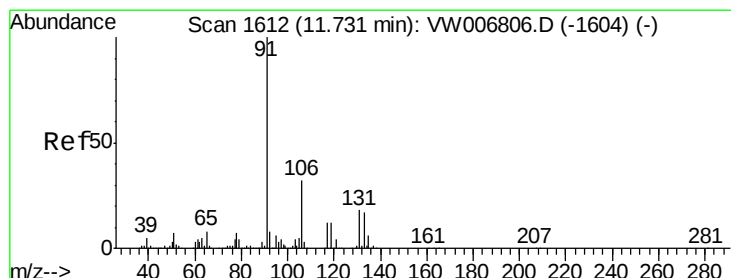
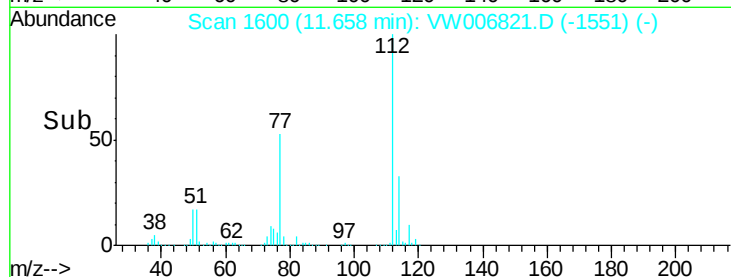
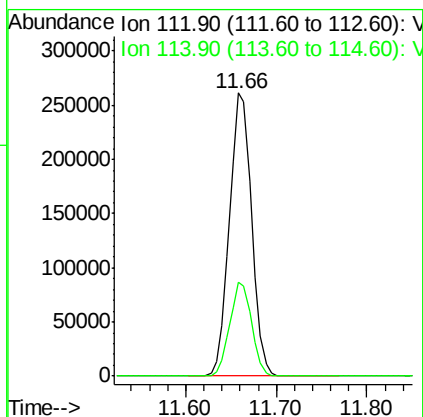
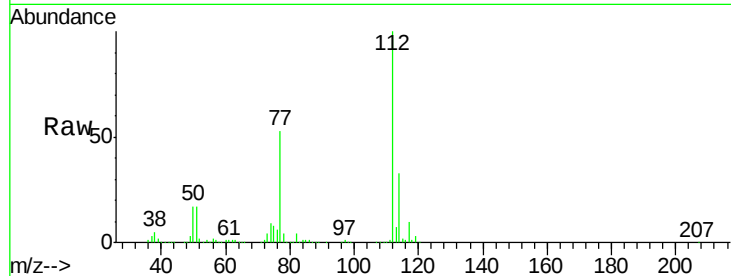
#65  
Chlorobenzene  
Concen: 50.315 ug/l  
RT: 11.66 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tgt Ion:112 Resp: 441964  
Ion Ratio Lower Upper  
112 100  
114 33.3 26.0 39.0

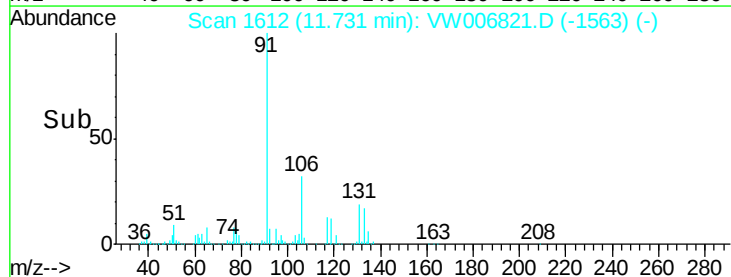
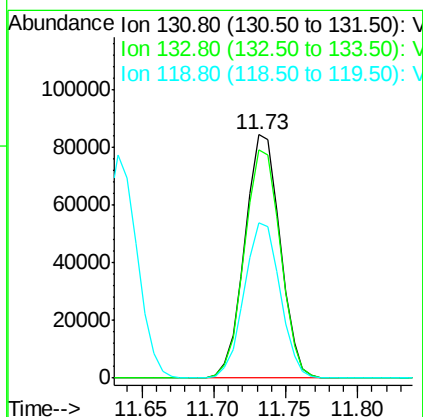
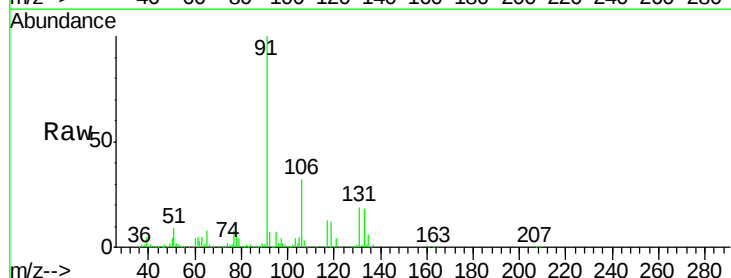
Manual Integrations  
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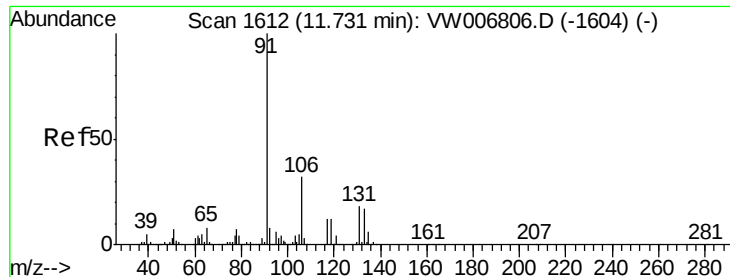
apatel  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.378 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

Tgt Ion:131 Resp: 143592  
Ion Ratio Lower Upper  
131 100  
133 95.0 47.9 143.8  
119 64.6 32.4 97.2





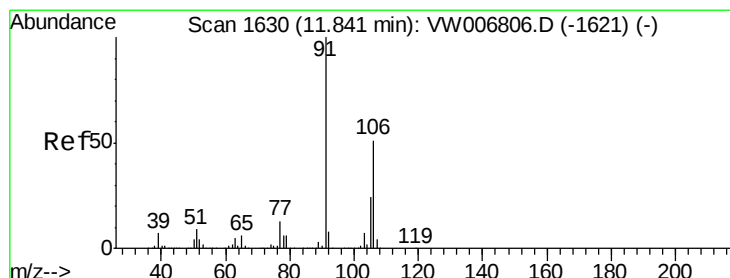
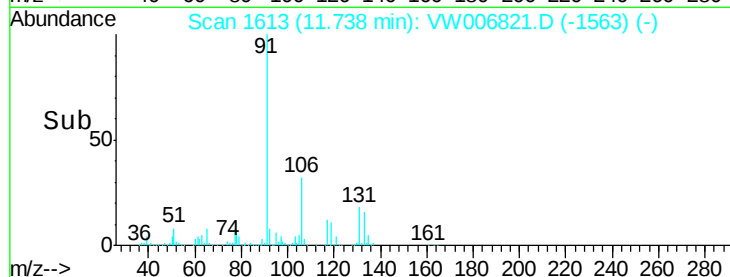
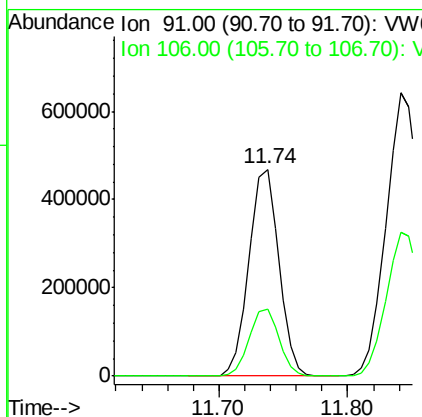
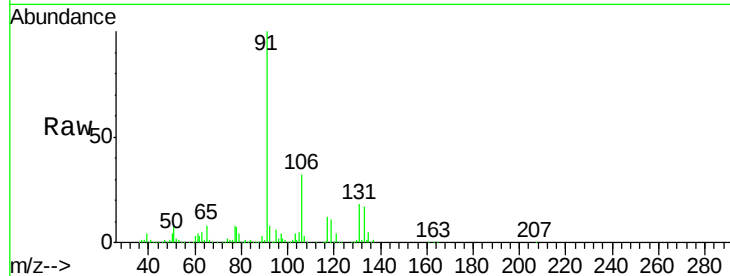
#67  
Ethyl Benzene  
Concen: 50.081 ug/l  
RT: 11.74 min Scan# 1613  
Delta R.T. 0.01 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 91 Resp: 749954  
Ion Ratio Lower Upper  
91 100  
106 32.3 25.4 38.0

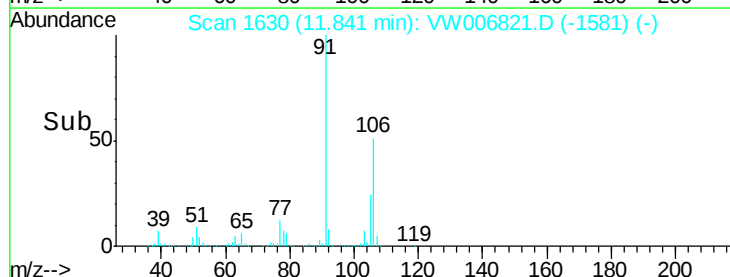
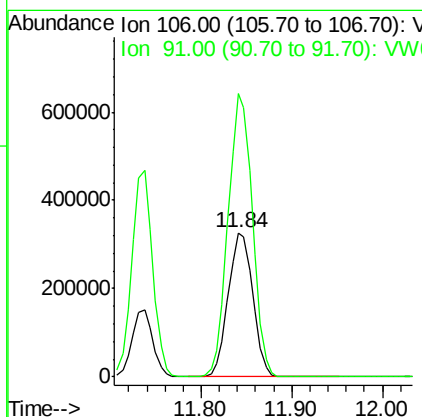
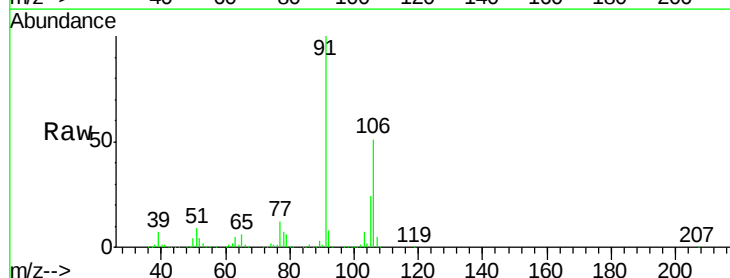
Manual Integrations  
APPROVED

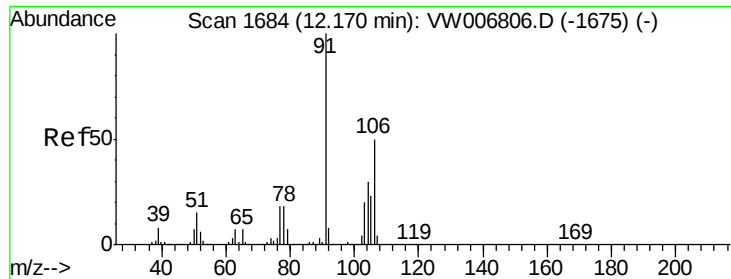
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#68  
m/p-Xylenes  
Concen: 100.229 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

Tgt Ion: 106 Resp: 614109  
Ion Ratio Lower Upper  
106 100  
91 194.3 155.7 233.5





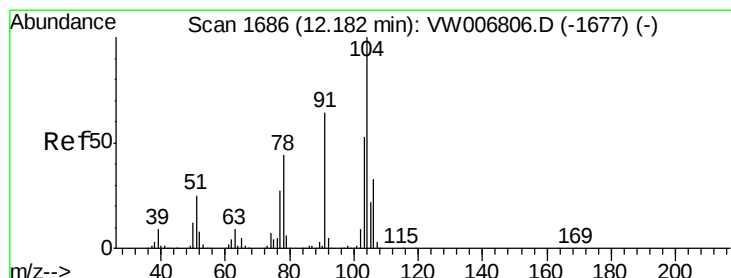
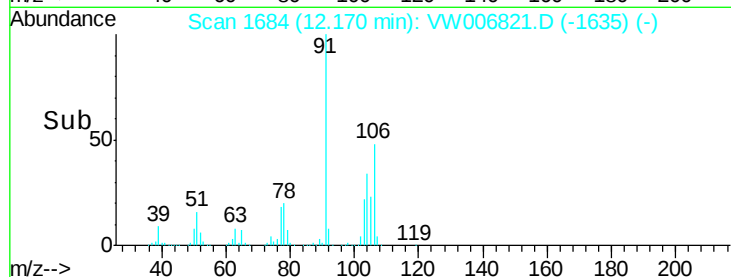
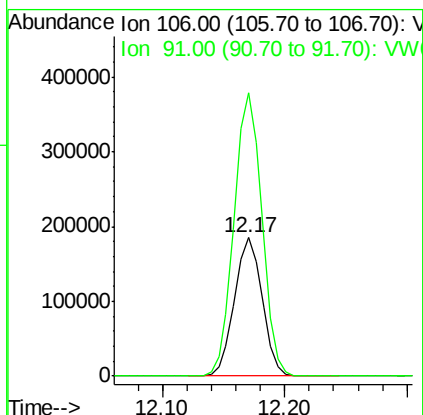
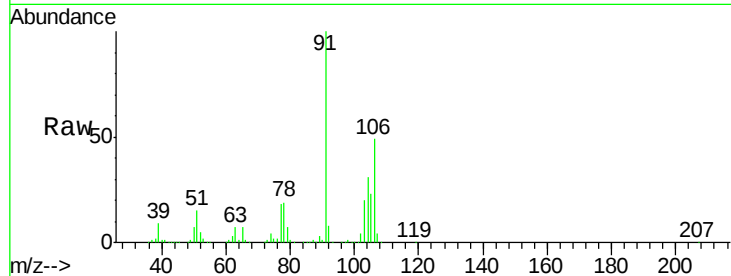
#69  
o-Xylene  
Concen: 50.808 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tgt Ion:106 Resp: 289724  
Ion Ratio Lower Upper  
106 100  
91 205.2 101.9 305.7

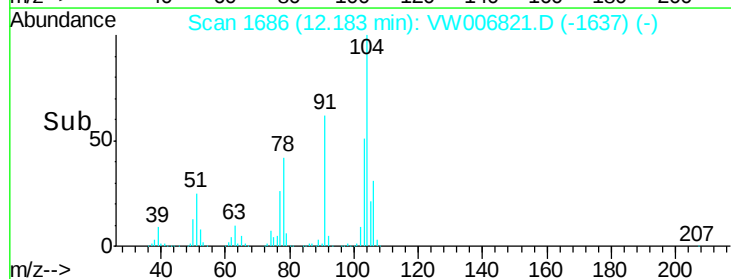
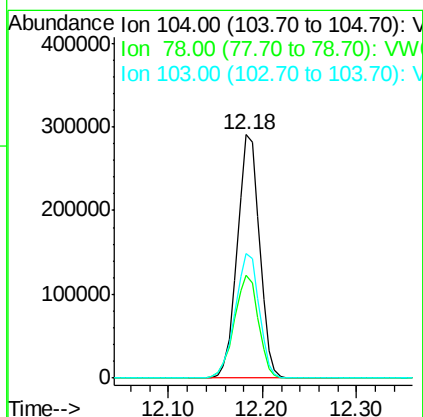
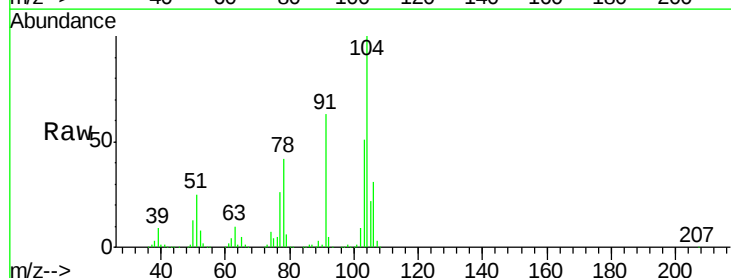
Manual Integrations  
APPROVED

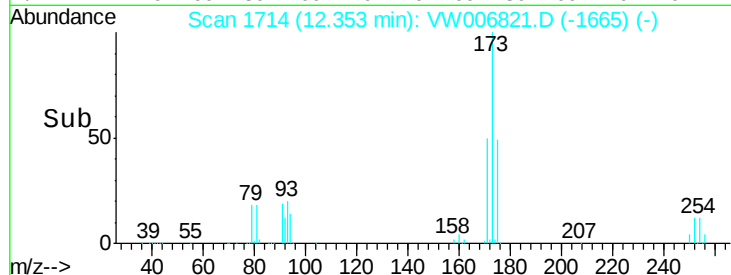
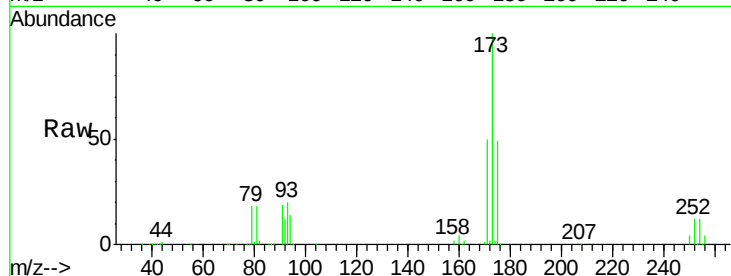
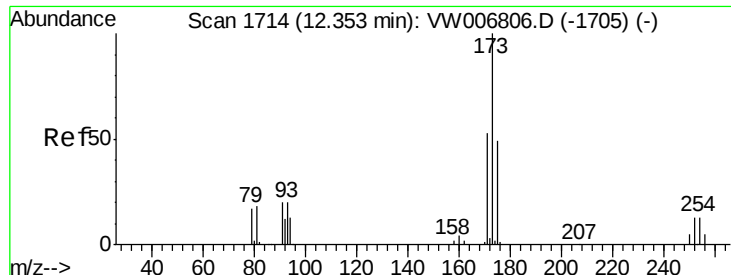
apatel  
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#70  
Styrene  
Concen: 52.354 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

Tgt Ion:104 Resp: 477828  
Ion Ratio Lower Upper  
104 100  
78 45.8 37.3 55.9  
103 55.1 44.6 66.8





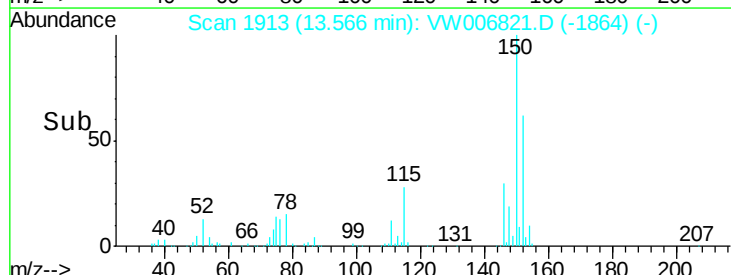
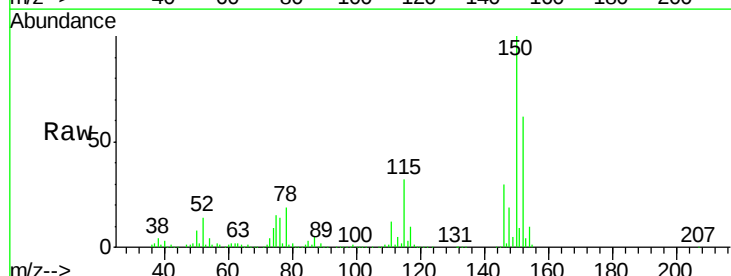
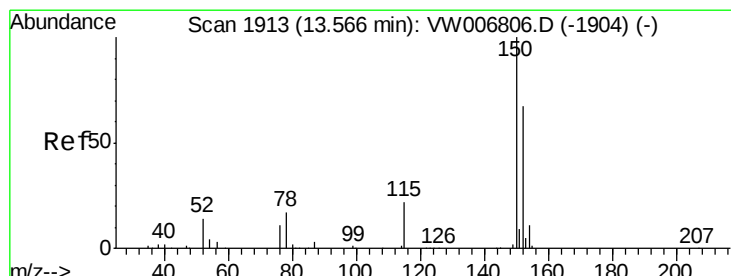
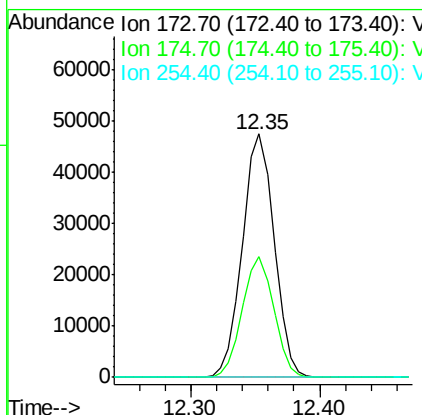
#71  
Bromoform  
Concen: 52.008 ug/l  
RT: 12.35 min Scan# 1714  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 173     | 100   | 80900 |       |       |
| 175     | 49.1  | 24.4  | 73.4  |       |
| 254     | 0.1   | 0.1   | 0.1#  |       |

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

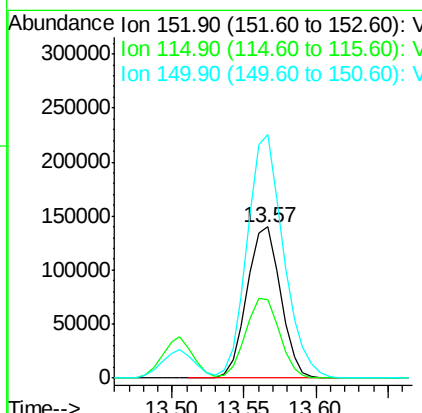
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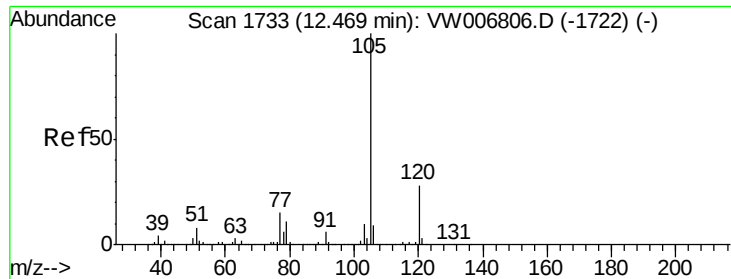
apatel  
11/13/2018 3:57:29 PM



#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 13.57 min Scan# 1913  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 225658 |       |       |
| 115     | 53.5  | 27.3   | 81.8  |       |
| 150     | 173.9 | 0.0    | 353.0 |       |





#73

Isopropylbenzene

Concen: 49.657 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 777815

Ion Ratio Lower Upper

105 100

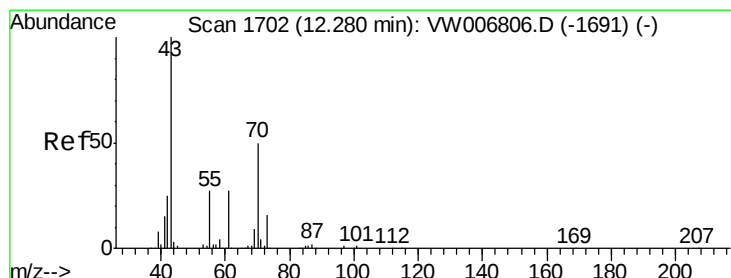
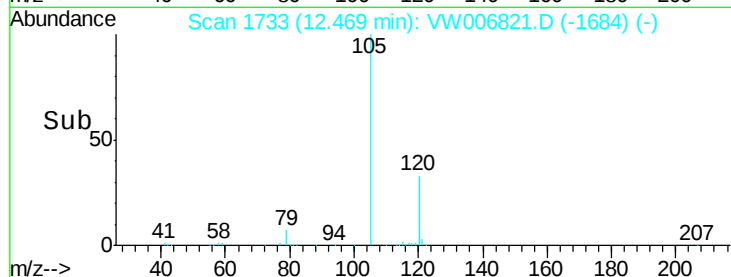
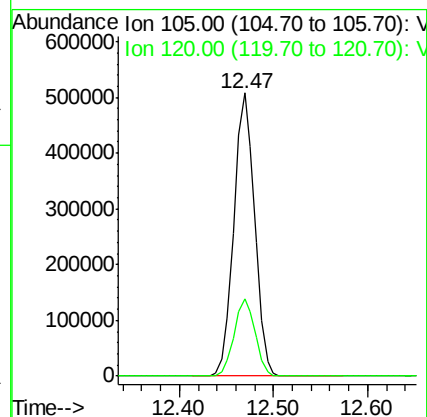
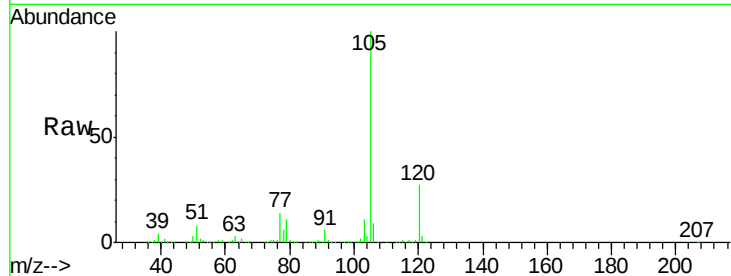
120 27.5 14.0 42.0

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#74

N-ethyl acetate

Concen: 54.614 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.01 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

Tgt Ion: 43 Resp: 129349

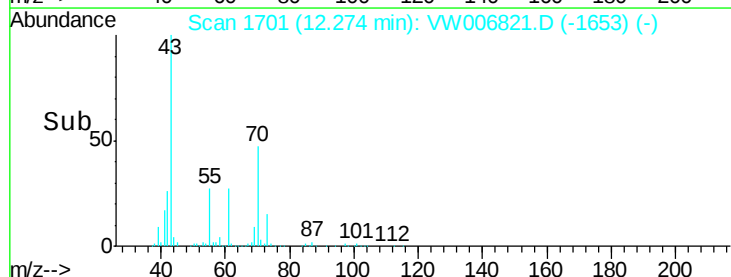
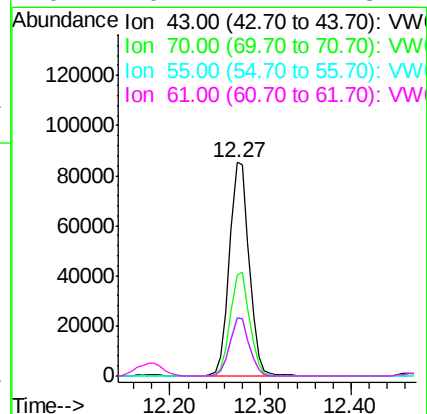
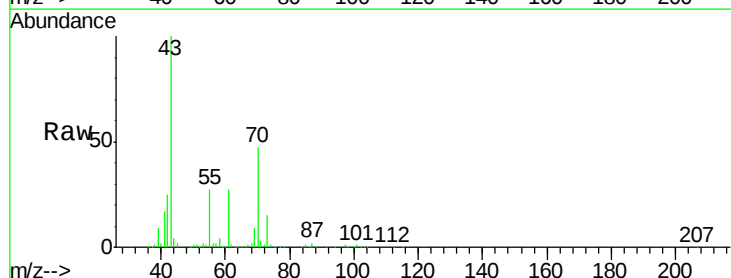
Ion Ratio Lower Upper

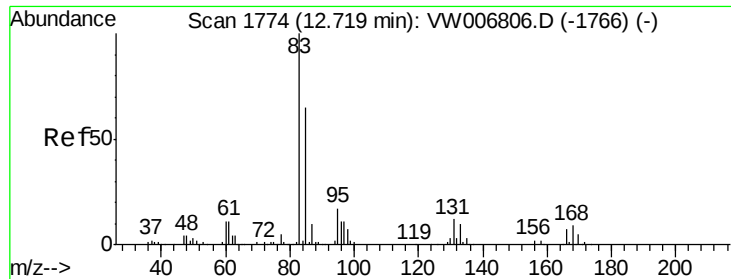
43 100

70 47.9 39.0 58.4

55 27.1 22.1 33.1

61 26.4 21.1 31.7





#75

1,1,2,2-Tetrachloroethane

Concen: 53.252 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

Instrument :

MSVOA\_W

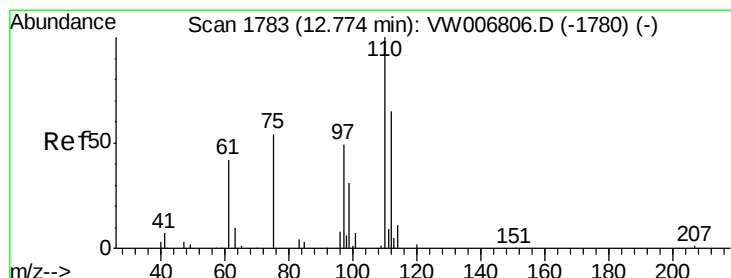
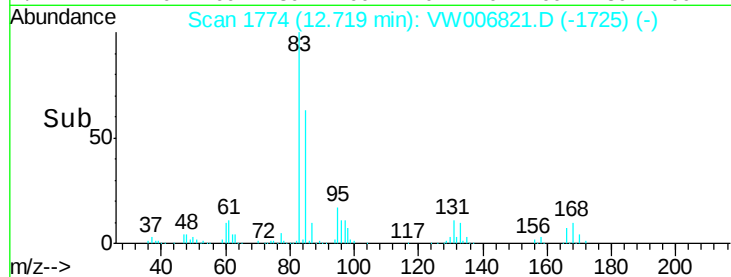
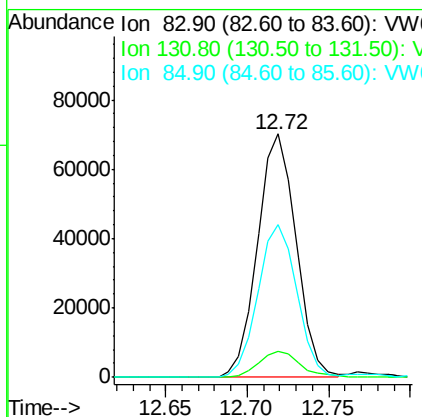
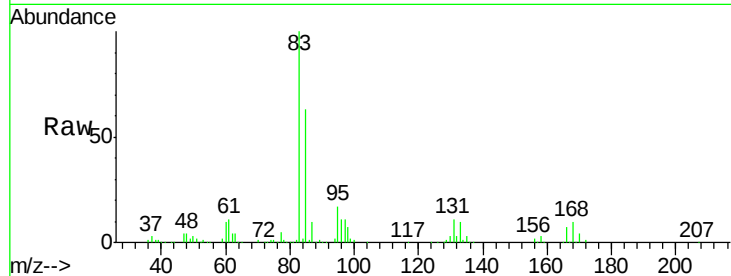
ClientSampleId :

VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 115388 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 11.6  | 6.1   | 18.3   |
| 85        | 63.5  | 32.4  | 97.0   |

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#76

1,2,3-Trichloropropane

Concen: 53.268 ug/l m

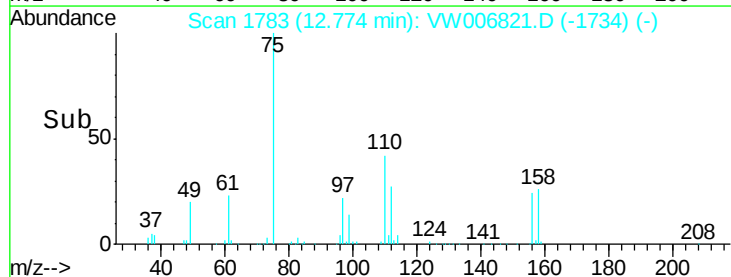
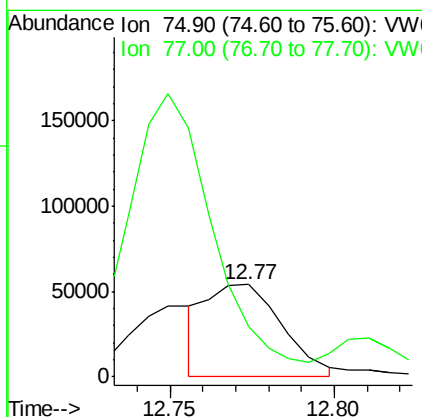
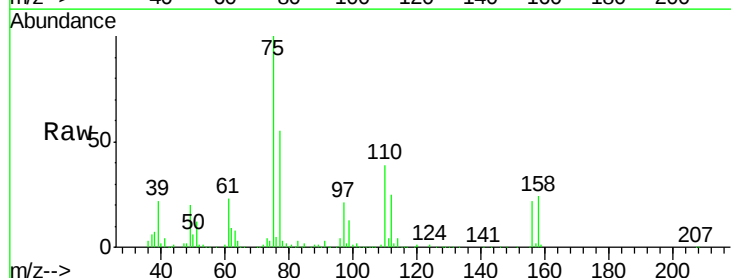
RT: 12.77 min Scan# 1783

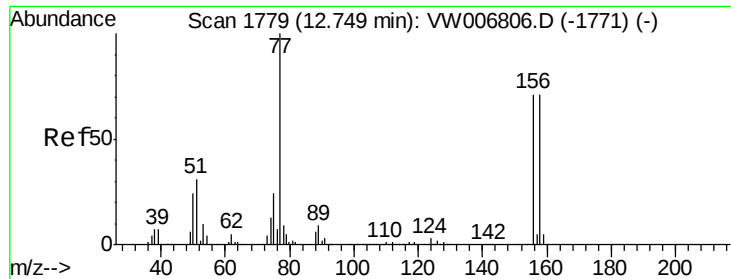
Delta R.T. 0.00 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 86627 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 0.0   | 0.0   | 0.0   |





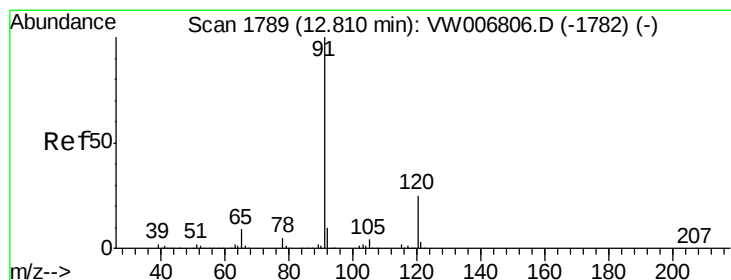
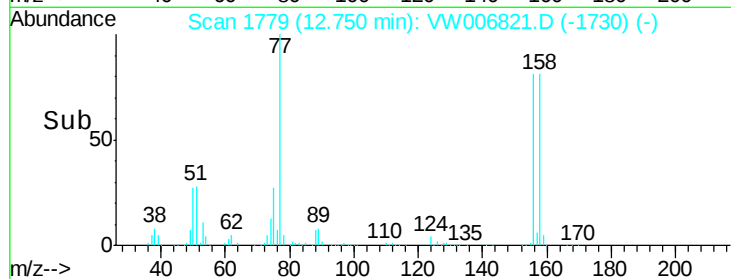
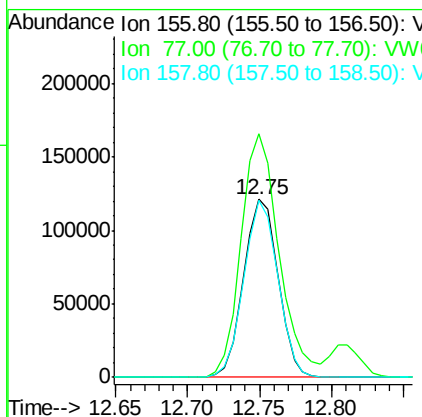
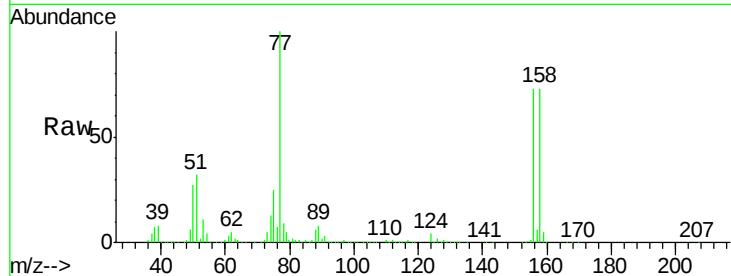
#77  
Bromobenzene  
Concen: 50.889 ug/l  
RT: 12.75 min Scan# 1779  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 151.0 | 75.3  | 225.7 |
| 158     | 98.3  | 49.2  | 147.6 |

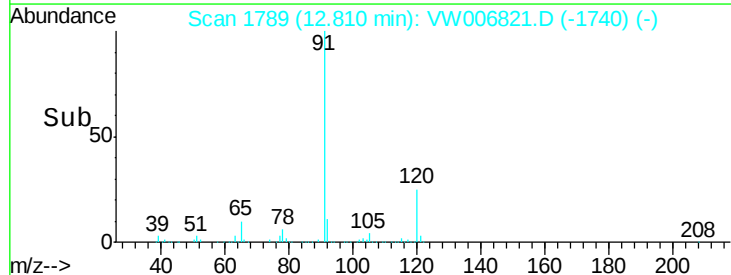
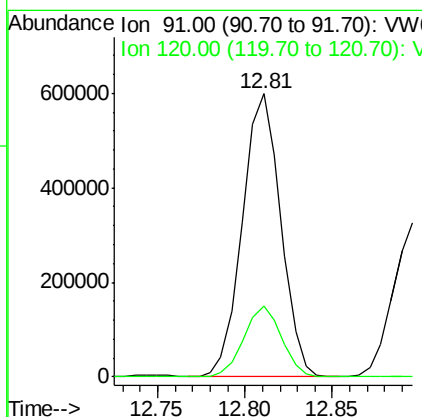
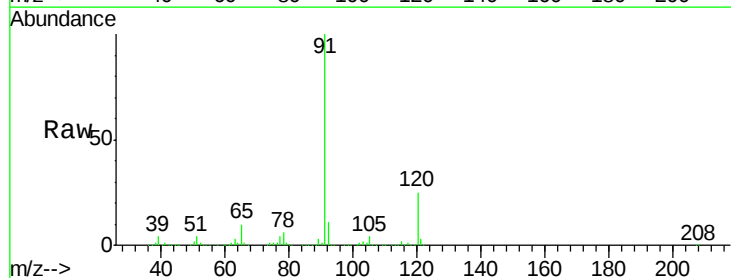
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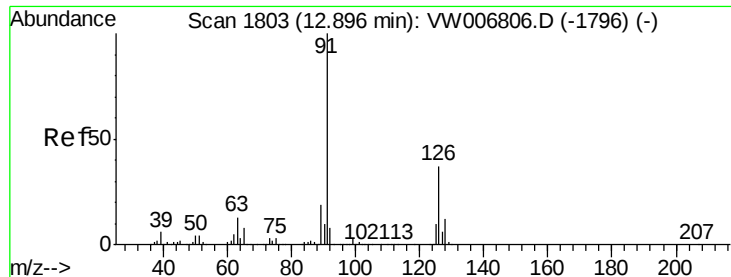
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#78  
n-propylbenzene  
Concen: 49.363 ug/l  
RT: 12.81 min Scan# 1789  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 24.8  | 12.4  | 37.4  |





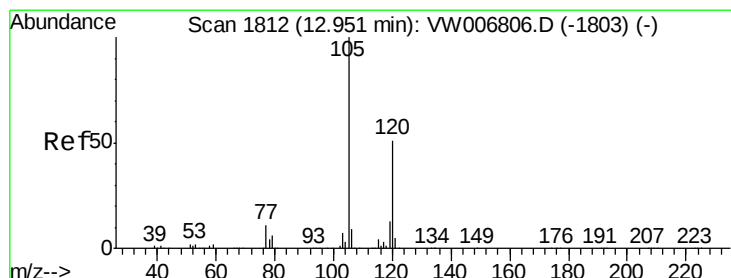
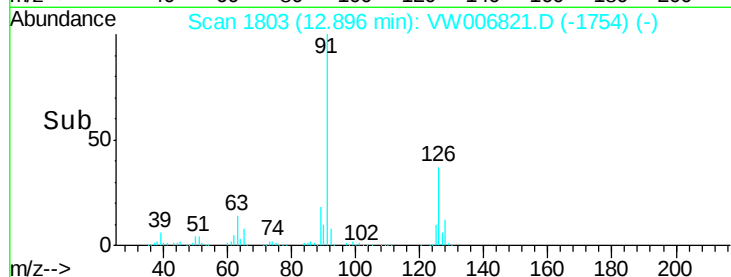
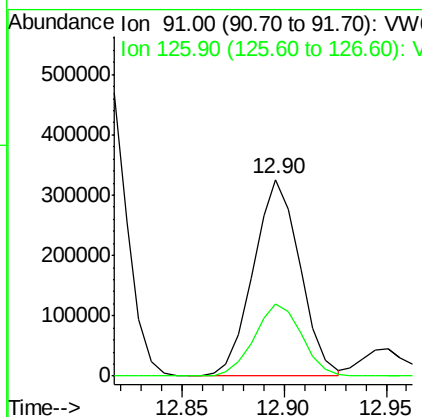
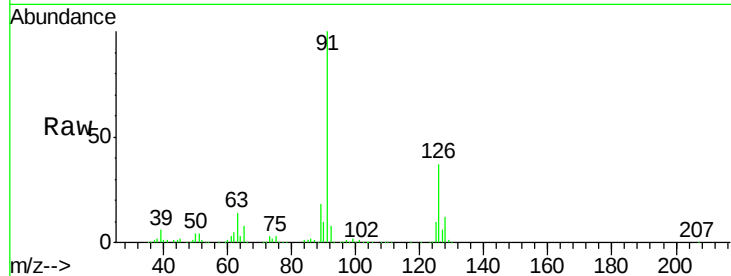
#79  
 2-Chlorotoluene  
 Concen: 49.835 ug/l  
 RT: 12.90 min Scan# 1803  
 Delta R.T. 0.00 min  
 Lab File: VW006821.D  
 Acq: 12 Nov 2018 22:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 91 Resp: 516894  
 Ion Ratio Lower Upper  
 91 100  
 126 37.5 18.5 55.5

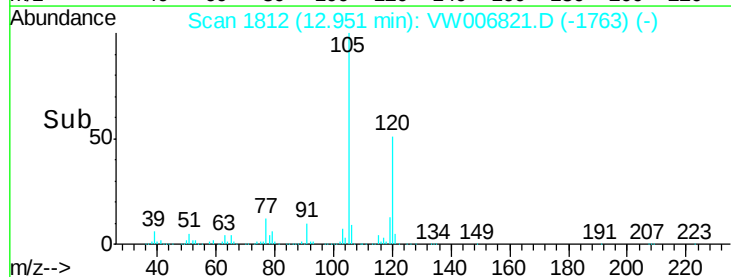
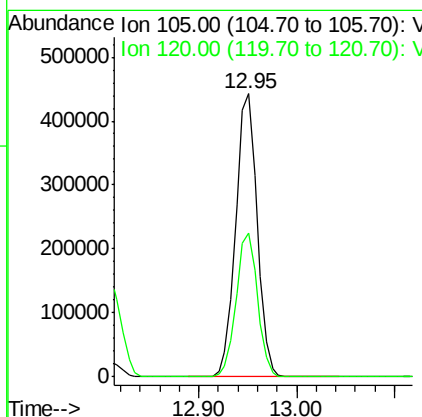
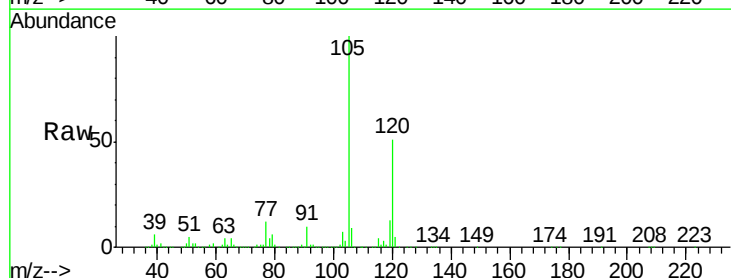
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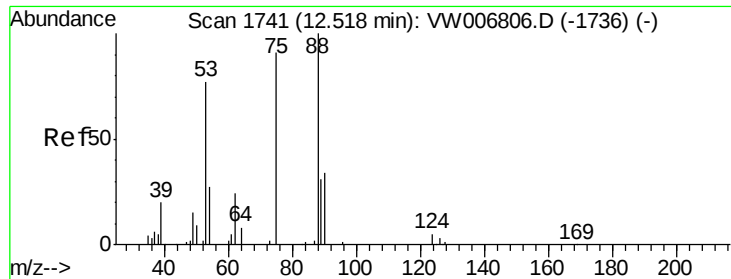
apatel  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 50.087 ug/l  
 RT: 12.95 min Scan# 1812  
 Delta R.T. 0.00 min  
 Lab File: VW006821.D  
 Acq: 12 Nov 2018 22:28

Tgt Ion: 105 Resp: 674446  
 Ion Ratio Lower Upper  
 105 100  
 120 50.6 25.3 75.9





#81

trans-1,4-Dichloro-2-butene

Concen: 50.677 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

Instrument :

MSVOA\_W

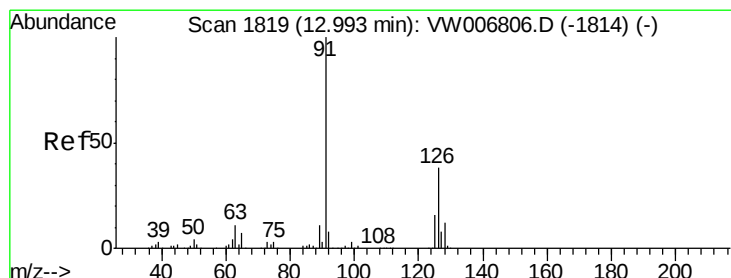
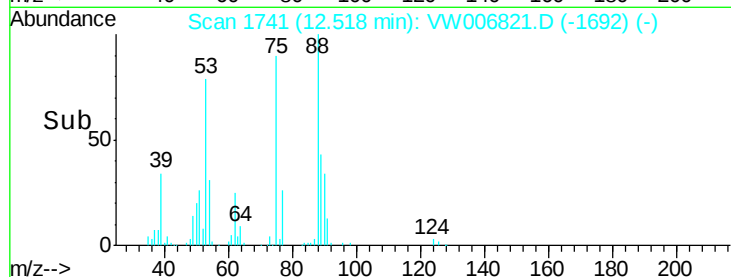
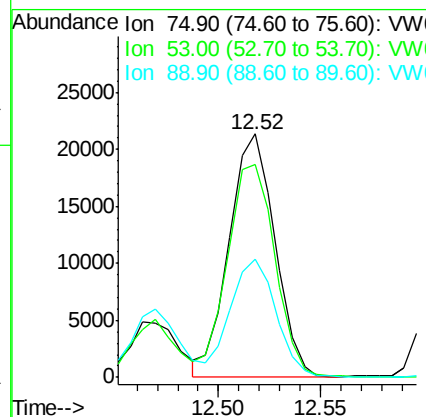
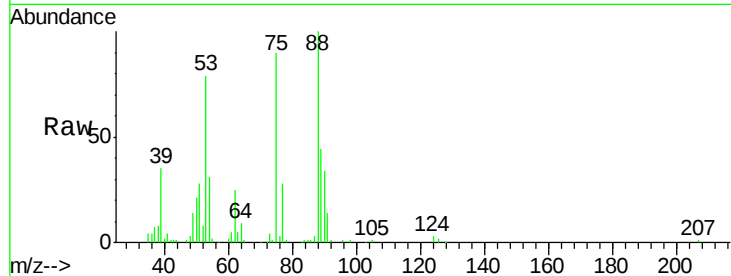
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 33317 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 53        | 91.4  | 72.9  | 109.3 |
| 89        | 48.1  | 38.7  | 58.1  |

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#82

4-Chlorotoluene

Concen: 50.301 ug/l

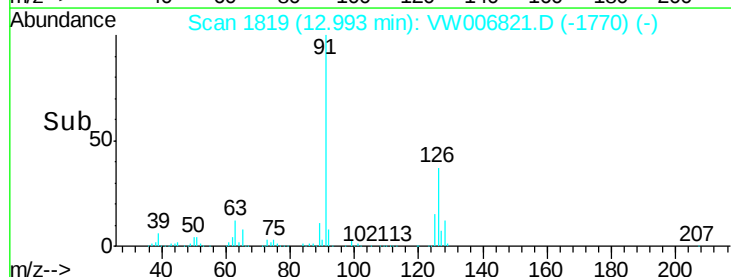
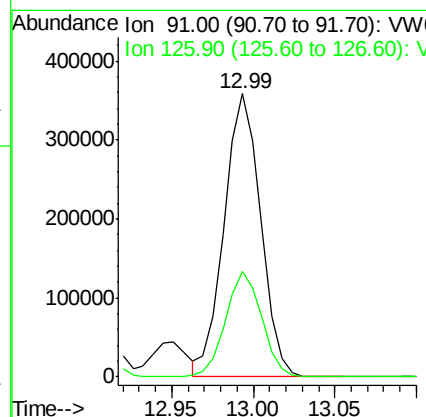
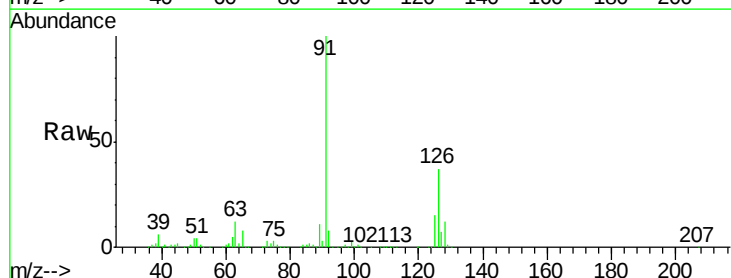
RT: 12.99 min Scan# 1819

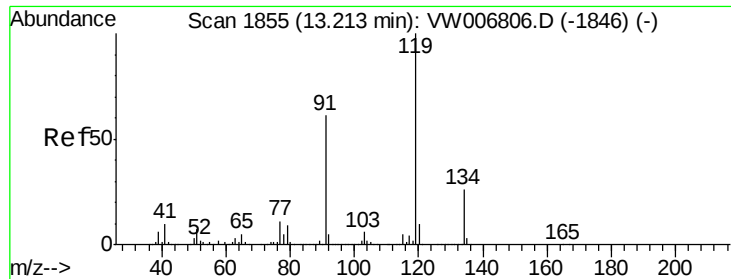
Delta R.T. 0.00 min

Lab File: VW006821.D

Acq: 12 Nov 2018 22:28

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 556647 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 36.8  | 18.4  | 55.2   |





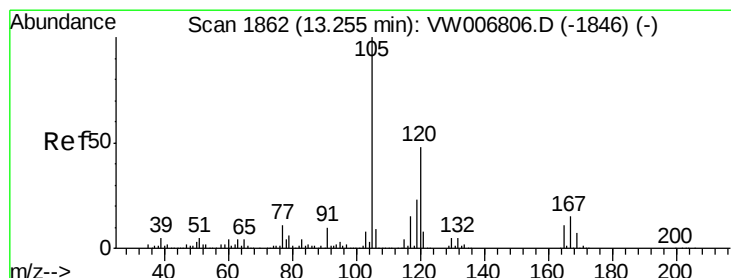
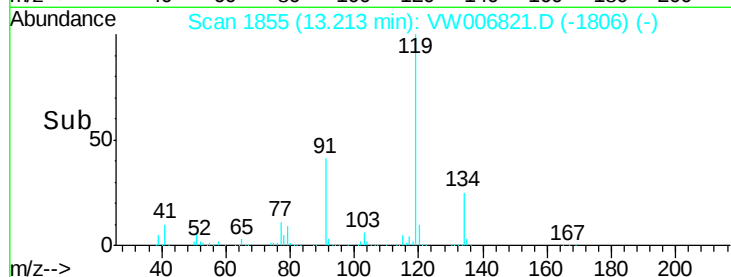
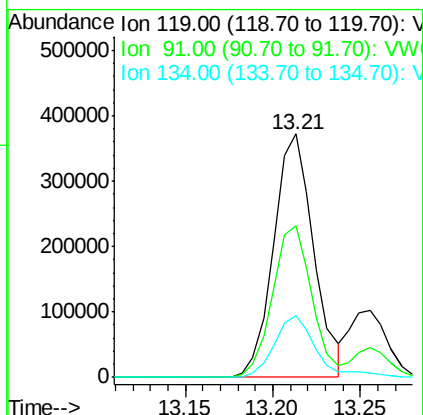
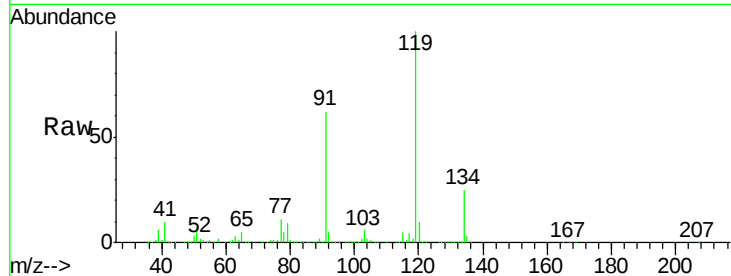
#83  
 tert-Butylbenzene  
 Concen: 49.856 ug/l  
 RT: 13.21 min Scan# 1855  
 Delta R.T. 0.00 min  
 Lab File: VW006821.D  
 Acq: 12 Nov 2018 22:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 593418 |       |       |
| 91      | 61.0  | 30.0   | 90.1  |       |
| 134     | 26.6  | 13.4   | 40.2  |       |

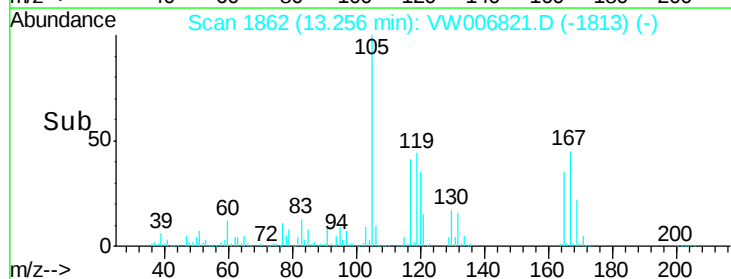
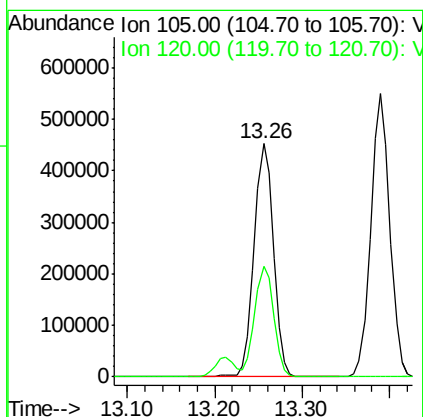
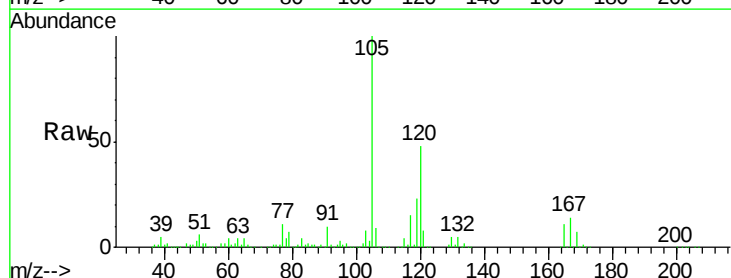
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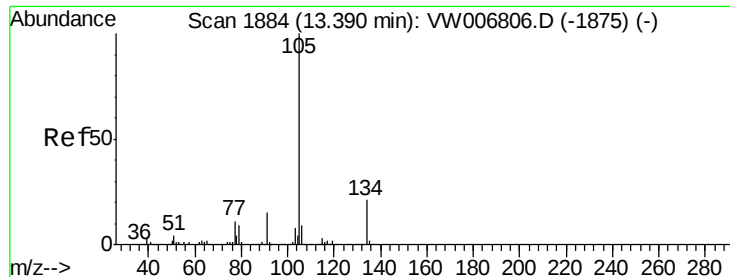
apatel  
 11/13/2018 3:57:29 PM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 50.731 ug/l  
 RT: 13.26 min Scan# 1862  
 Delta R.T. 0.00 min  
 Lab File: VW006821.D  
 Acq: 12 Nov 2018 22:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 695186 |       |       |
| 120     | 46.7  | 23.4   | 70.0  |       |





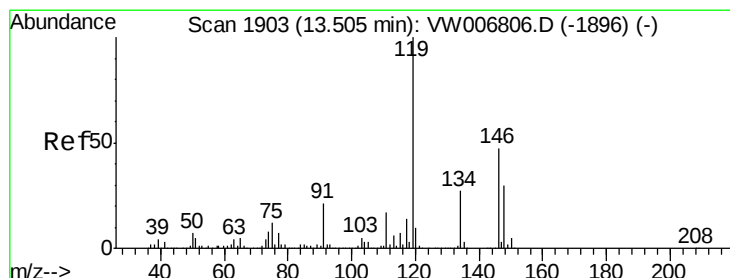
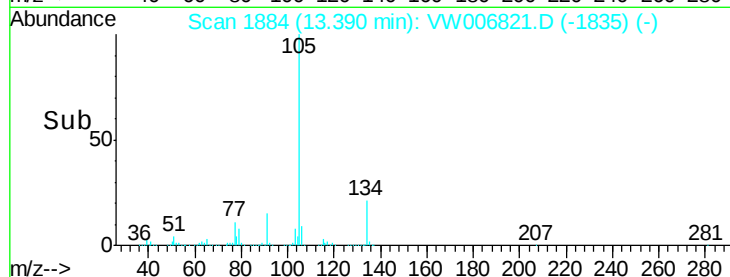
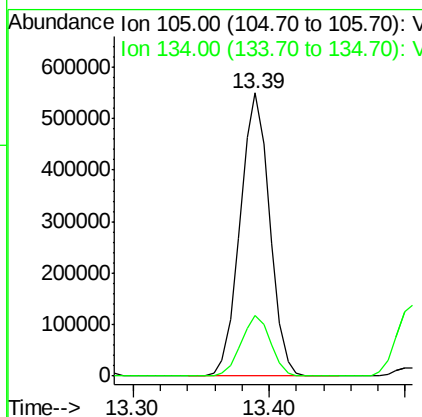
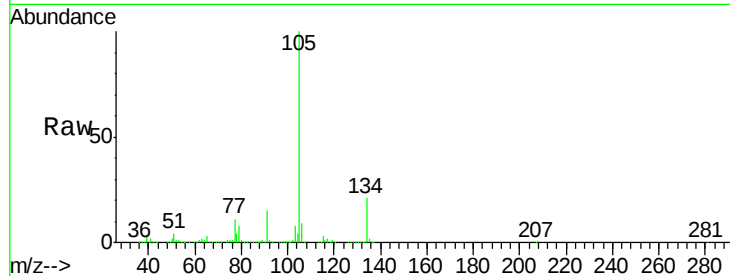
#85  
 sec-Butylbenzene  
 Concen: 49.389 ug/l  
 RT: 13.39 min Scan# 1884  
 Delta R.T. 0.00 min  
 Lab File: VW006821.D  
 Acq: 12 Nov 2018 22:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 21.4  | 10.7  | 31.9  |

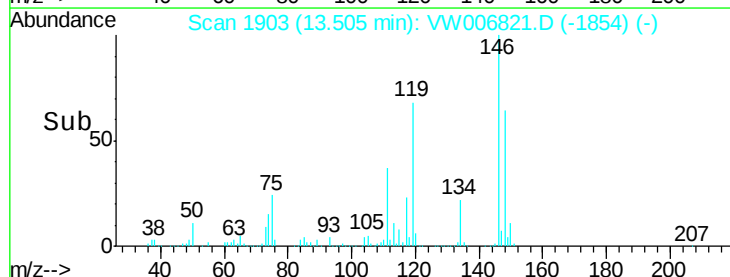
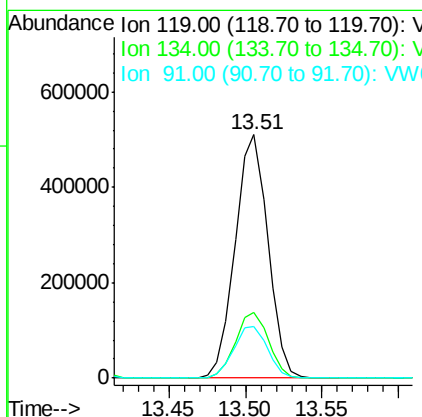
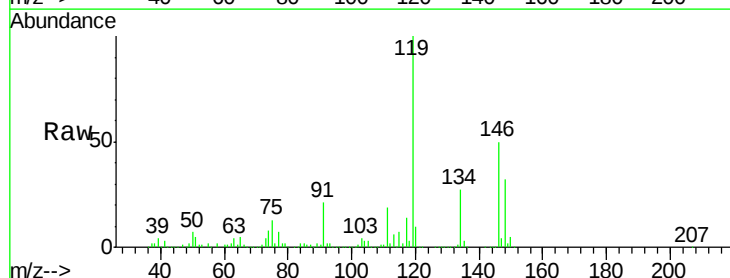
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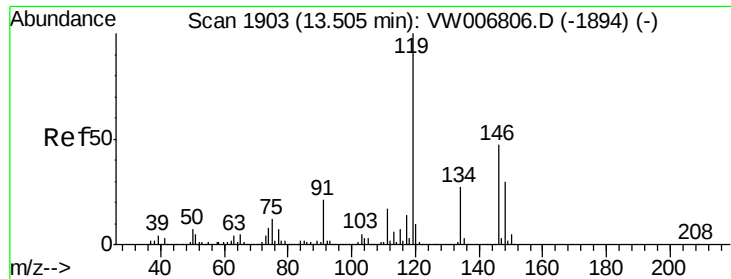
apatel  
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#86  
 p-Isopropyltoluene  
 Concen: 49.411 ug/l  
 RT: 13.51 min Scan# 1903  
 Delta R.T. 0.00 min  
 Lab File: VW006821.D  
 Acq: 12 Nov 2018 22:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 27.2  | 13.5  | 40.4  |
| 91      | 21.9  | 10.8  | 32.4  |





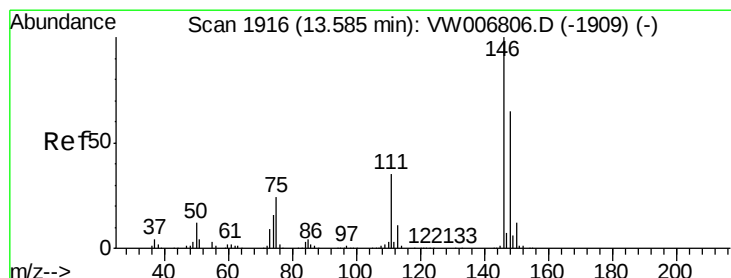
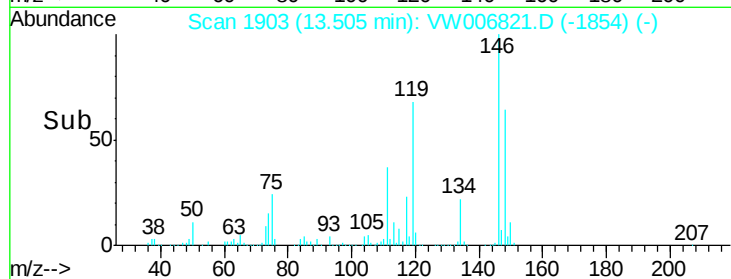
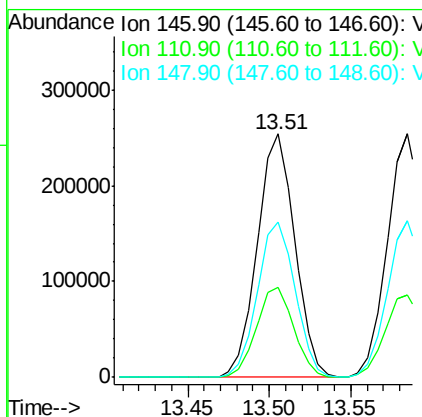
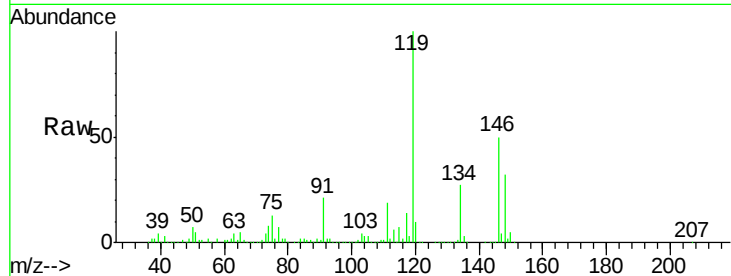
#87  
 1,3-Dichlorobenzene  
 Concen: 50.195 ug/l  
 RT: 13.51 min Scan# 1903  
 Delta R.T. 0.00 min  
 Lab File: VW006821.D  
 Acq: 12 Nov 2018 22:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 403998 |       |       |
| 111     | 37.1  | 18.3   | 54.9  |       |
| 148     | 64.4  | 31.9   | 95.9  |       |

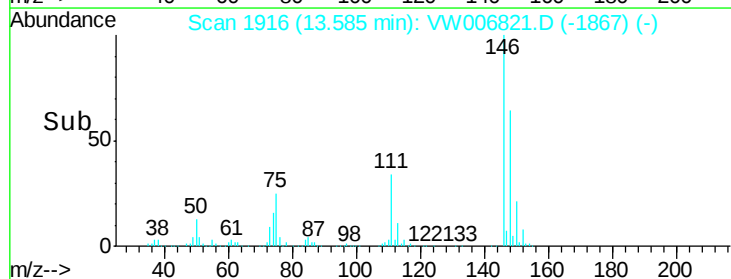
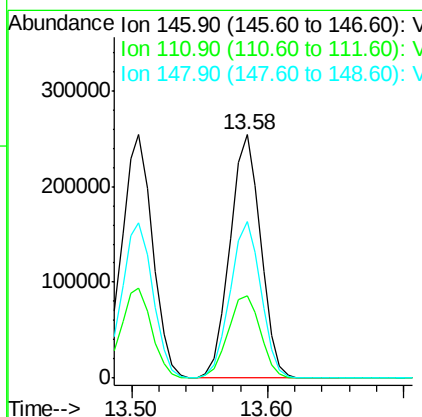
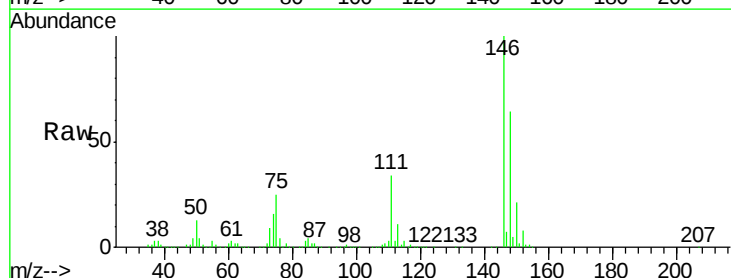
Manual Integrations  
 APPROVED

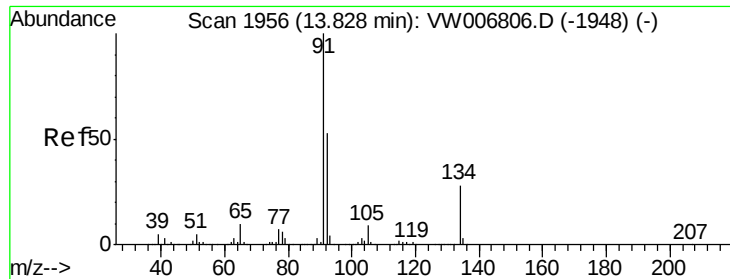
apatel  
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#88  
 1,4-Dichlorobenzene  
 Concen: 50.162 ug/l  
 RT: 13.58 min Scan# 1916  
 Delta R.T. 0.00 min  
 Lab File: VW006821.D  
 Acq: 12 Nov 2018 22:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 399444 |       |       |
| 111     | 35.8  | 17.8   | 53.3  |       |
| 148     | 64.5  | 32.0   | 96.0  |       |





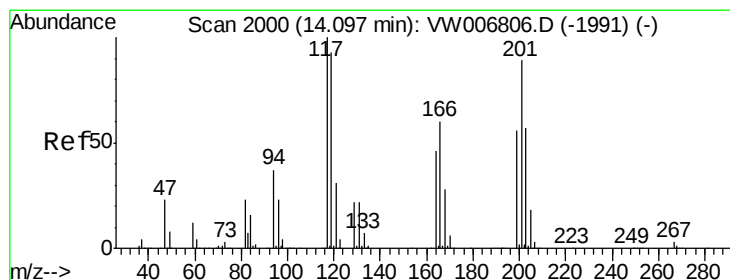
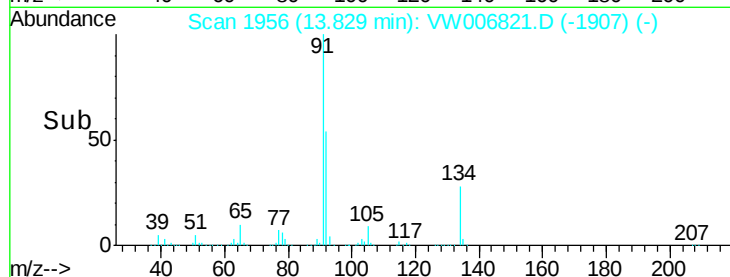
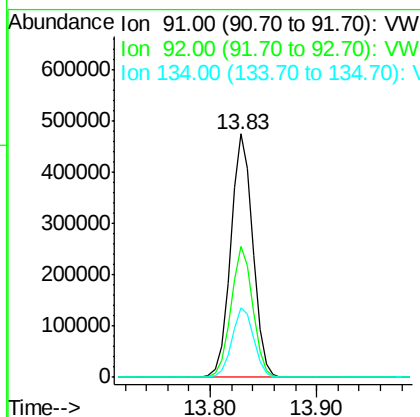
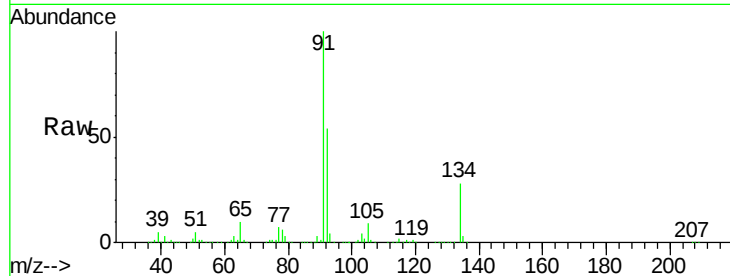
#89  
n-Butylbenzene  
Concen: 48.927 ug/l  
RT: 13.83 min Scan# 1956  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 52.9  | 26.5  | 79.4  |
| 134     | 28.4  | 14.4  | 43.2  |

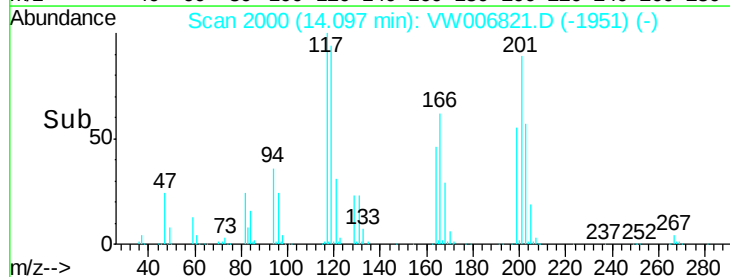
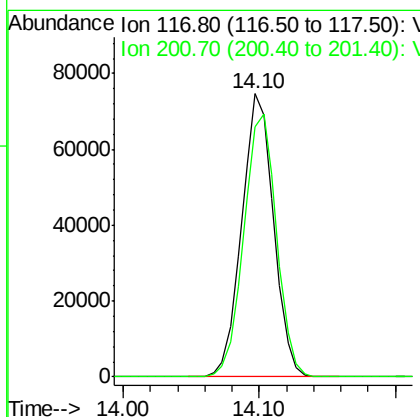
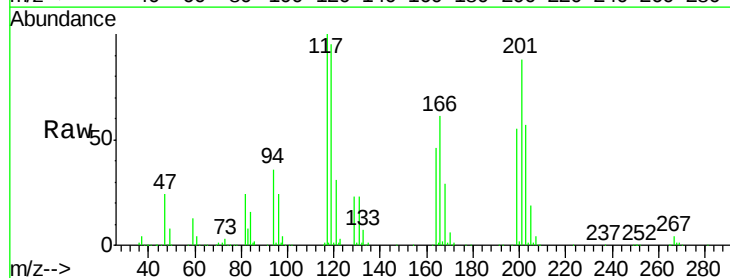
Manual Integrations  
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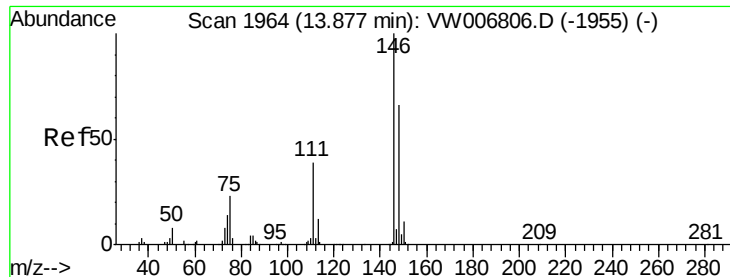
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#90  
Hexachloroethane  
Concen: 49.695 ug/l  
RT: 14.10 min Scan# 2000  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 95.5  | 46.9  | 140.6 |





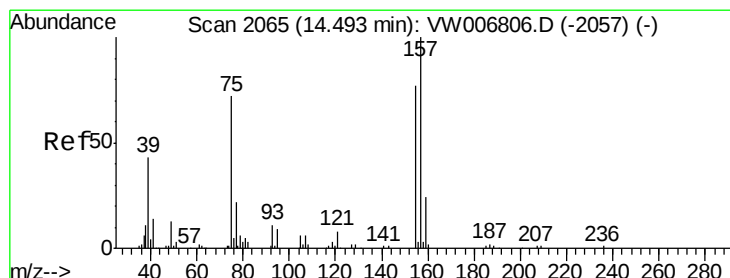
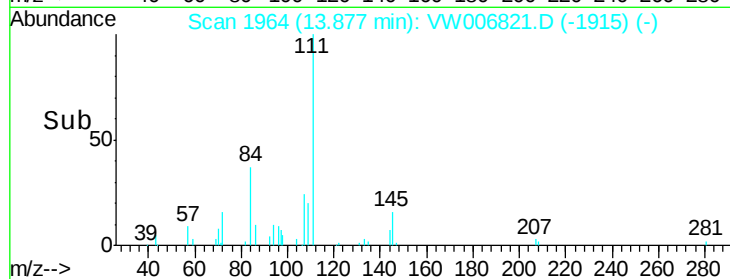
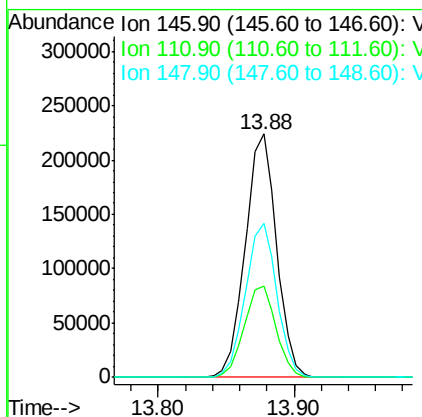
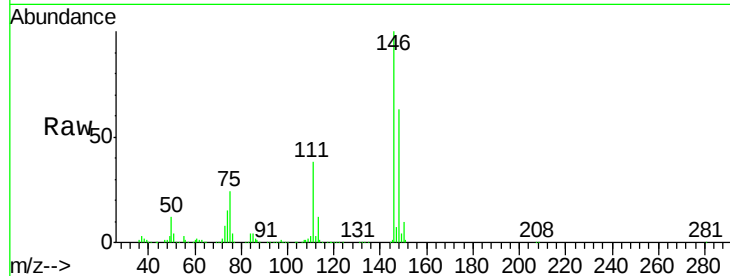
#91  
 1,2-Dichlorobenzene  
 Concen: 51.421 ug/l  
 RT: 13.88 min Scan# 1964  
 Delta R.T. 0.00 min  
 Lab File: VW006821.D  
 Acq: 12 Nov 2018 22:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 360418 |       |       |
| 111     | 38.1  | 19.3   | 57.8  |       |
| 148     | 63.6  | 32.4   | 97.2  |       |

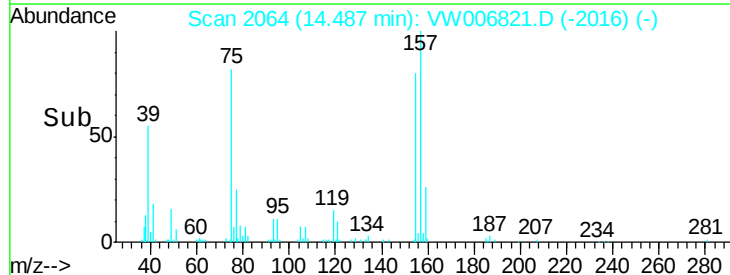
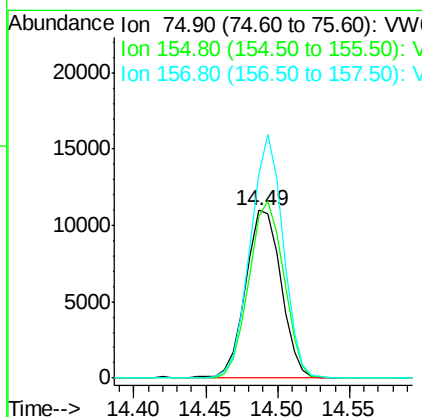
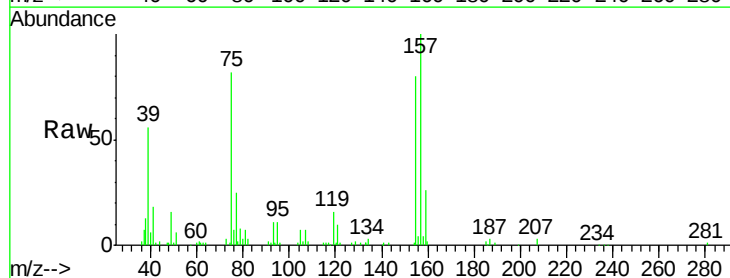
Manual Integrations  
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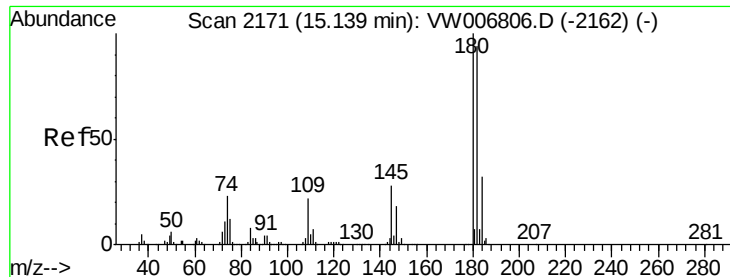
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 54.110 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. -0.01 min  
 Lab File: VW006821.D  
 Acq: 12 Nov 2018 22:28

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 18771 |       |       |
| 155     | 103.2 | 51.0  | 153.1 |       |
| 157     | 133.3 | 67.4  | 202.2 |       |





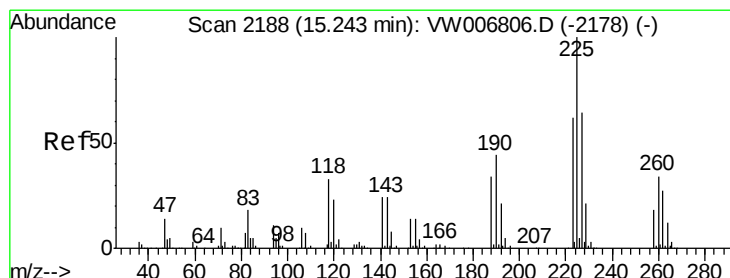
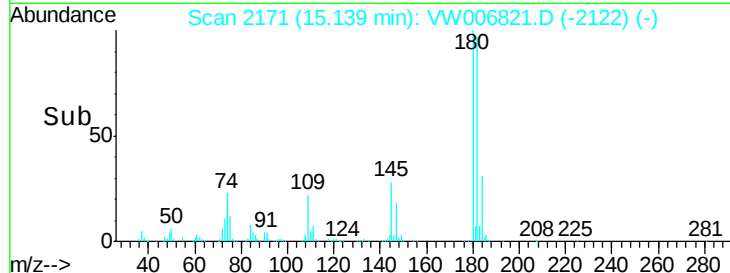
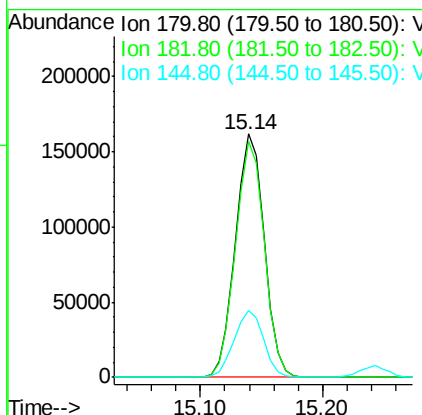
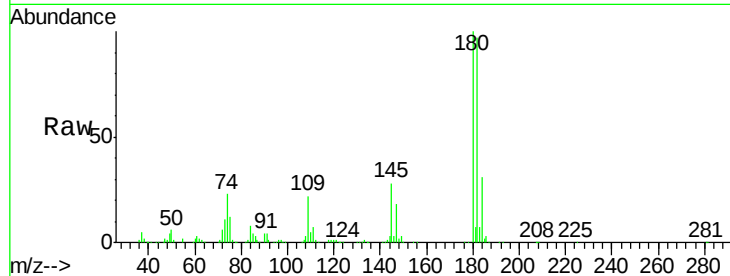
#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.839 ug/l  
 RT: 15.14 min Scan# 2171  
 Delta R.T. 0.00 min  
 Lab File: VW006821.D  
 Acq: 12 Nov 2018 22:28

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 263745 |       |       |
| 182     | 97.0  | 47.5   | 142.5 |       |
| 145     | 28.0  | 14.0   | 41.9  |       |

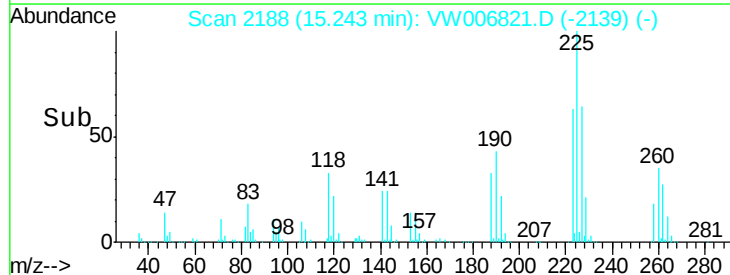
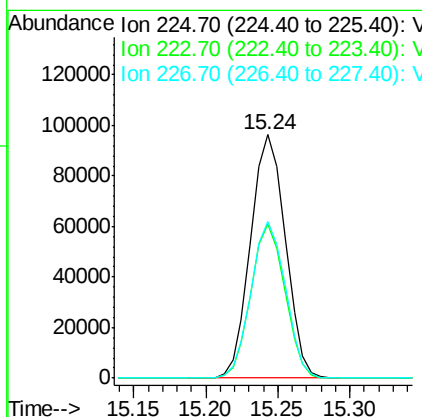
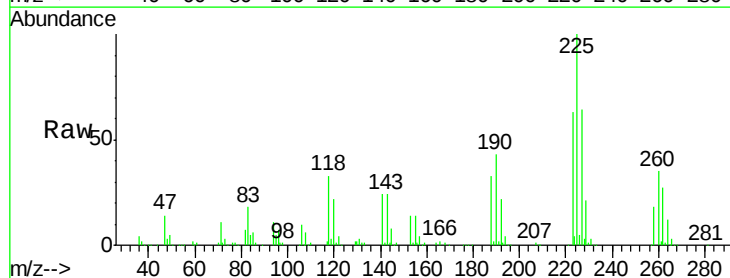
Manual Integrations  
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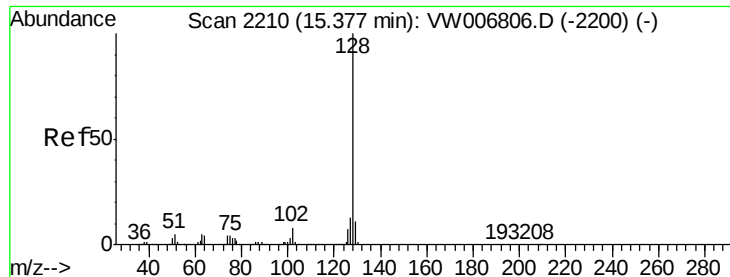
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#94  
 Hexachlorobutadiene  
 Concen: 48.094 ug/l  
 RT: 15.24 min Scan# 2188  
 Delta R.T. 0.00 min  
 Lab File: VW006821.D  
 Acq: 12 Nov 2018 22:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 161272 |       |       |
| 223     | 61.8  | 31.2   | 93.6  |       |
| 227     | 63.6  | 32.3   | 96.9  |       |





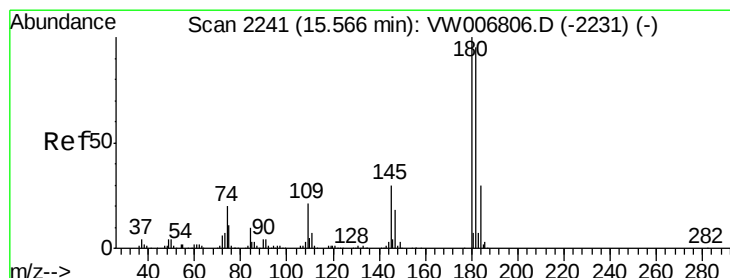
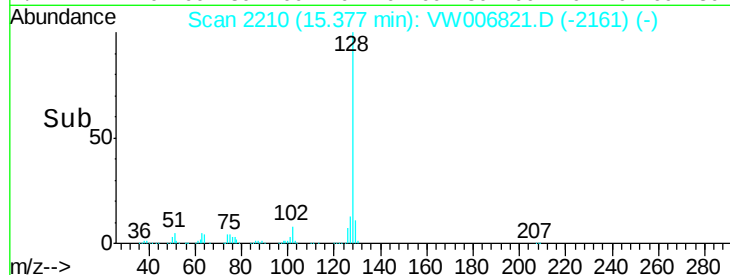
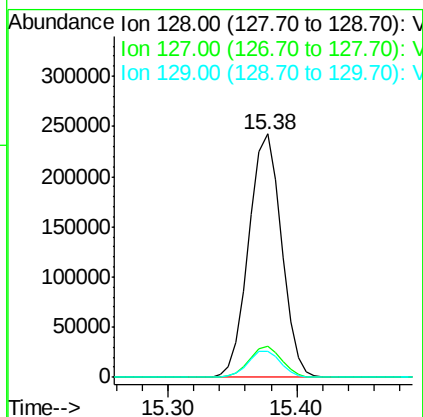
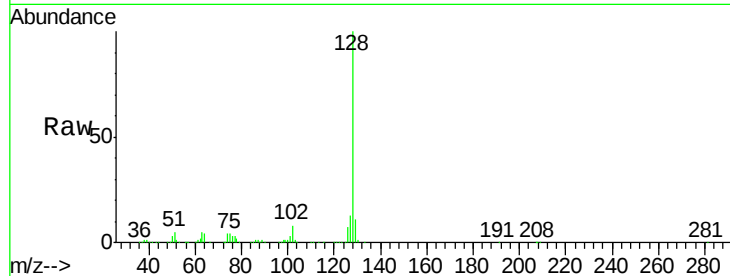
#95  
Naphthalene  
Concen: 53.795 ug/l  
RT: 15.38 min Scan# 2210  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 425765 |       |       |
| 127     | 12.7  | 10.3   | 15.5  |       |
| 129     | 11.0  | 8.6    | 13.0  |       |

Manual Integrations  
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#96  
1,2,3-Trichlorobenzene  
Concen: 50.561 ug/l  
RT: 15.57 min Scan# 2241  
Delta R.T. 0.00 min  
Lab File: VW006821.D  
Acq: 12 Nov 2018 22:28

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 229614 |       |       |
| 182     | 95.3  | 47.9   | 143.6 |       |
| 145     | 29.6  | 15.2   | 45.5  |       |

