

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091018\  
 Data File : VW005245.D  
 Acq On : 10 Sep 2018 16:39  
 Operator : SY/AP  
 Sample : VSTDICC150  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICC150

Manual Integrations  
 APPROVED

apatel  
 9/11/2018 11:09:37 AM

Quant Time: Sep 11 03:43:51 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W091018S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 11 02:46:28 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.96  | 168  | 510571   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 740252   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.64 | 117  | 732989   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 402829   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |        |         |      |
|---------------------------|--------|-----|----------|--------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 606670   | 159.31 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 318.62% |      |
| 35) Dibromofluoromethane  | 7.89   | 113 | 637498   | 164.40 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 328.80% |      |
| 50) Toluene-d8            | 10.33  | 98  | 2933041  | 149.69 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 299.38% |      |
| 62) 4-Bromofluorobenzene  | 12.63  | 95  | 1095582  | 152.86 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 305.72% |      |

## Target Compounds

|                               |      |     |         |        |        | Qvalue |
|-------------------------------|------|-----|---------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 2.00 | 85  | 584143  | 132.63 | ug/l   | 99     |
| 3) Chloromethane              | 2.22 | 50  | 847182  | 143.87 | ug/l   | 98     |
| 4) Vinyl Chloride             | 2.36 | 62  | 765983  | 141.70 | ug/l   | 98     |
| 5) Bromomethane               | 2.74 | 94  | 474557  | 129.03 | ug/l   | 98     |
| 6) Chloroethane               | 2.90 | 64  | 425800  | 143.00 | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 3.25 | 101 | 909589  | 148.74 | ug/l   | 96     |
| 8) Diethyl Ether              | 3.69 | 74  | 346224  | 158.87 | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.07 | 101 | 647639  | 148.27 | ug/l   | 99     |
| 10) Methyl Iodide             | 4.28 | 142 | 856581  | 178.09 | ug/l   | 100    |
| 11) Tert butyl alcohol        | 5.18 | 59  | 243471  | 779.61 | ug/l   | 100    |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 614009  | 152.67 | ug/l   | 98     |
| 13) Acrolein                  | 3.90 | 56  | 239415  | 793.63 | ug/l   | 99     |
| 14) Allyl chloride            | 4.67 | 41  | 997927  | 161.49 | ug/l   | 100    |
| 15) Acrylonitrile             | 5.37 | 53  | 780749  | 794.07 | ug/l   | 99     |
| 16) Acetone                   | 4.13 | 43  | 550274  | 778.48 | ug/l   | 98     |
| 17) Carbon Disulfide          | 4.38 | 76  | 2215414 | 156.93 | ug/l   | 100    |
| 18) Methyl Acetate            | 4.68 | 43  | 341877  | 162.02 | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 1525411 | 159.24 | ug/l   | 99     |
| 20) Methylene Chloride        | 4.92 | 84  | 751921  | 125.50 | ug/l   | 98     |
| 21) trans-1,2-Dichloroethene  | 5.43 | 96  | 727593  | 154.95 | ug/l   | 98     |
| 22) Diisopropyl ether         | 6.32 | 45  | 1983458 | 159.43 | ug/l   | 98     |
| 23) Vinyl Acetate             | 6.26 | 43  | 5659001 | 816.20 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 6.23 | 63  | 1215359 | 158.70 | ug/l   | 99     |
| 25) 2-Butanone                | 7.18 | 43  | 903930  | 810.73 | ug/l   | 95     |
| 26) 2,2-Dichloropropane       | 7.18 | 77  | 967084  | 145.65 | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 7.18 | 96  | 803569  | 159.90 | ug/l   | 100    |
| 28) Bromochloromethane        | 7.52 | 49  | 448038  | 158.58 | ug/l # | 98     |
| 29) Tetrahydrofuran           | 7.54 | 42  | 622861  | 828.97 | ug/l   | 100    |
| 30) Chloroform                | 7.68 | 83  | 1211248 | 157.60 | ug/l   | 100    |
| 31) Cyclohexane               | 7.96 | 56  | 1145929 | 140.63 | ug/l   | 97     |
| 32) 1,1,1-Trichloroethane     | 7.88 | 97  | 1013739 | 146.01 | ug/l   | 100    |
| 36) 1,1-Dichloropropene       | 8.09 | 75  | 950184  | 140.11 | ug/l   | 100    |
| 37) Ethyl Acetate             | 7.26 | 43  | 393418  | 152.51 | ug/l   | 100    |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 891418  | 140.32 | ug/l   | 100    |

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 Sample : VSTDICC150  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VSTDICC150

Manual Integrations  
 APPROVED

apatel  
 9/11/2018 11:09:37 AM

Quant Time: Sep 11 03:43:51 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W091018S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Sep 11 02:46:28 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 1383338  | 153.63  | ug/l   | 99       |
| 40) Benzene                    | 8.33  | 78   | 2893432  | 144.81  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.49  | 41   | 232635   | 175.78  | ug/l   | 96       |
| 42) 1,2-Dichloroethane         | 8.41  | 62   | 722345   | 151.12  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.43  | 43   | 762899   | 159.26  | ug/l   | 99       |
| 44) Trichloroethene            | 9.10  | 130  | 769875   | 140.45  | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.38  | 63   | 689279   | 143.52  | ug/l   | 100      |
| 46) Dibromomethane             | 9.46  | 93   | 356251   | 151.55  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.65  | 83   | 864494   | 150.33  | ug/l   | 98       |
| 48) Methyl methacrylate        | 9.45  | 41   | 407910   | 164.00  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 9.45  | 88   | 124168   | 2829.07 | ug/l   | 96       |
| 51) 4-Methyl-2-Pentanone       | 10.22 | 43   | 2089093  | 774.96  | ug/l   | 100      |
| 52) Toluene                    | 10.40 | 92   | 2097230  | 144.42  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 952129   | 153.20  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.08 | 75   | 1119995  | 150.49  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 532394   | 142.04  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 766800   | 161.37  | ug/l   | 100      |
| 57) 1,3-Dichloropropane        | 10.94 | 76   | 900206   | 144.63  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 1653059  | 800.38  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.98 | 43   | 1513584  | 778.83  | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.13 | 129  | 625348   | 150.36  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 506256   | 147.29  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.87 | 164  | 777567   | 142.98  | ug/l   | 100      |
| 65) Chlorobenzene              | 11.66 | 112  | 2320368  | 144.51  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 716321   | 149.41  | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.74 | 91   | 4172401  | 149.21  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.85 | 106  | 3356377  | 297.86  | ug/l   | 97       |
| 69) o-Xylene                   | 12.17 | 106  | 1595854  | 152.22  | ug/l   | 100      |
| 70) Styrene                    | 12.19 | 104  | 2636653  | 154.13  | ug/l   | 99       |
| 71) Bromoform                  | 12.35 | 173  | 405666   | 156.06  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.47 | 105  | 4259232  | 149.65  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.28 | 43   | 877630   | 162.07  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 641525   | 149.98  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 440861m  | 84.26   | ug/l   |          |
| 77) Bromobenzene               | 12.76 | 156  | 981102   | 146.32  | ug/l   | 98       |
| 78) n-propylbenzene            | 12.81 | 91   | 5181137  | 151.57  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 2904353  | 148.16  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.95 | 105  | 3731753  | 153.98  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 213294   | 161.45  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 13.00 | 91   | 3060877  | 148.56  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.21 | 119  | 3277882  | 154.64  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 3796623  | 155.89  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 13.39 | 105  | 4611780  | 151.39  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 4167151  | 154.53  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 2045878  | 145.31  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 2015598  | 145.75  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.83 | 91   | 4027832  | 158.88  | ug/l   | 98       |
| 90) Hexachloroethane           | 14.10 | 117  | 667525   | 154.50  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.88 | 146  | 1775038  | 143.43  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 107453   | 151.06  | ug/l   | 99       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091018\  
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Acq On : 10 Sep 2018 16:39  
Operator : SY/AP  
Sample : VSTDICC150  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 10 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC150

Manual Integrations  
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apatel  
9/11/2018 11:09:37 AM

Quant Time: Sep 11 03:43:51 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W091018S.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 11 02:46:28 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.15 | 180  | 1383571  | 158.05 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.25 | 225  | 811849   | 144.83 | ug/l  | 99       |
| 95) Naphthalene            | 15.38 | 128  | 2405580  | 169.49 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180  | 1178364  | 156.44 | ug/l  | 99       |

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

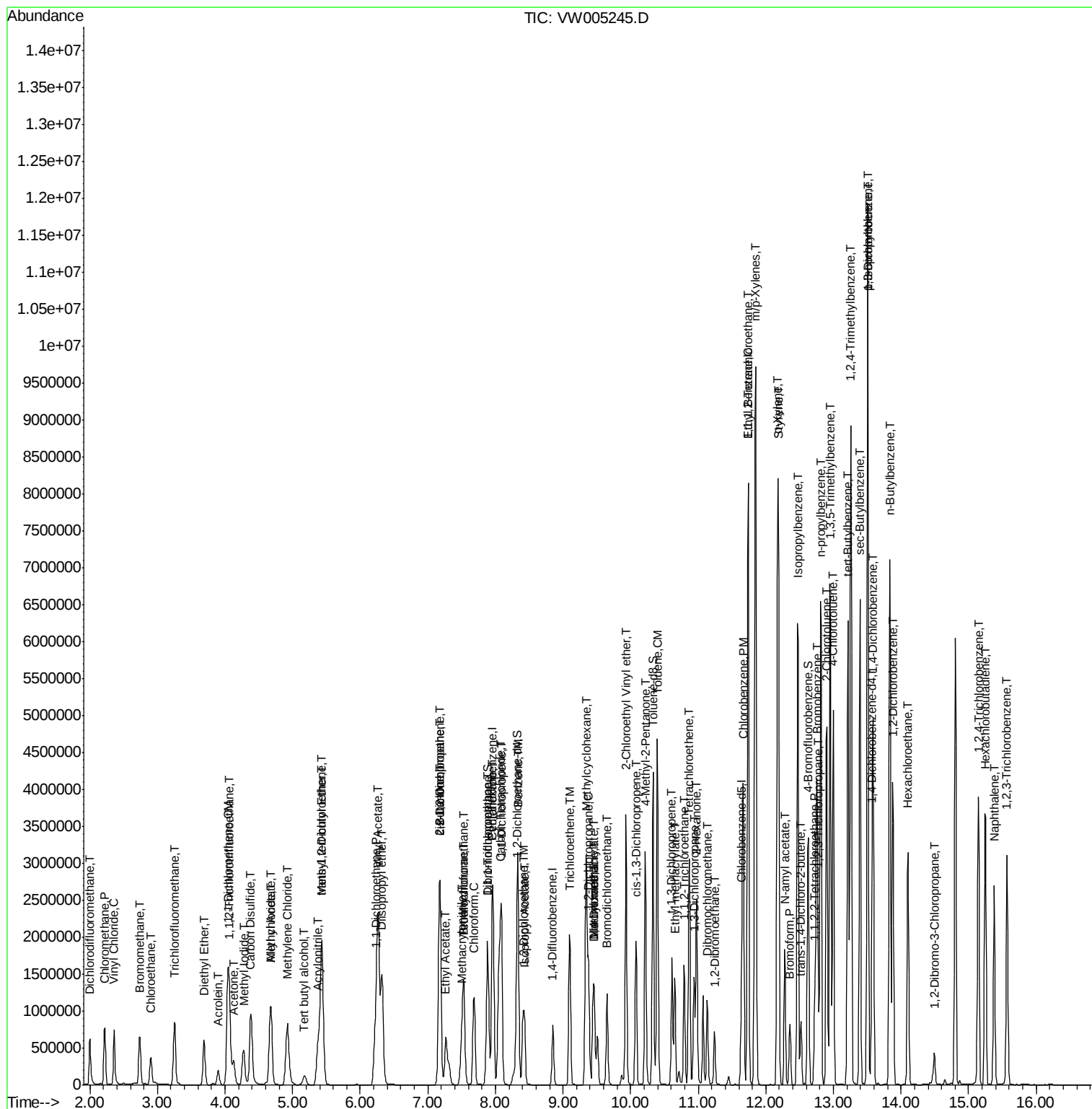
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Data File : VW005245.D  
Acq On : 10 Sep 2018 16:39  
Operator : SY/AP  
Sample : VSTDIC150  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 10 Sample Multiplier: 1

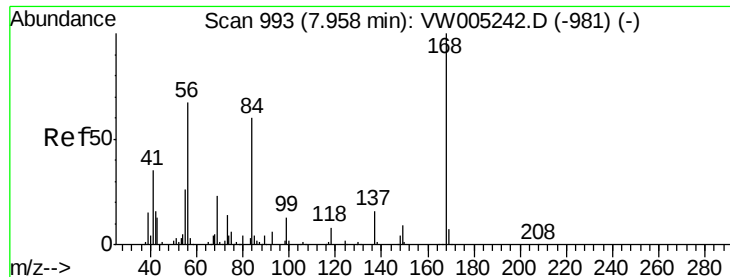
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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apatel  
9/11/2018 11:09:37 AM

Quant Time: Sep 11 03:43:51 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W091018S.M  
Quant Title : SW846 8260  
QLast Update : Tue Sep 11 02:46:28 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.96 min Scan# 993

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 510571

Ion Ratio Lower Upper

168 100

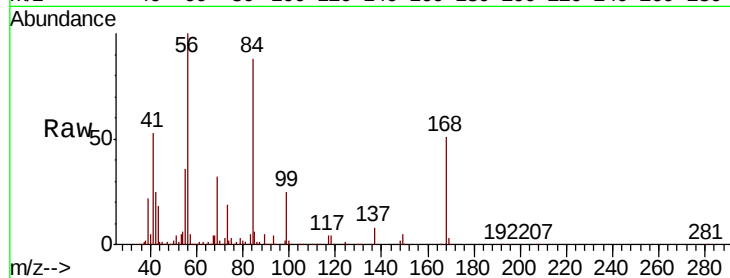
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Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

300000

250000

200000

150000

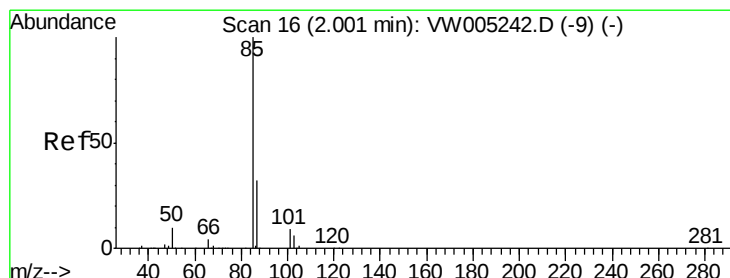
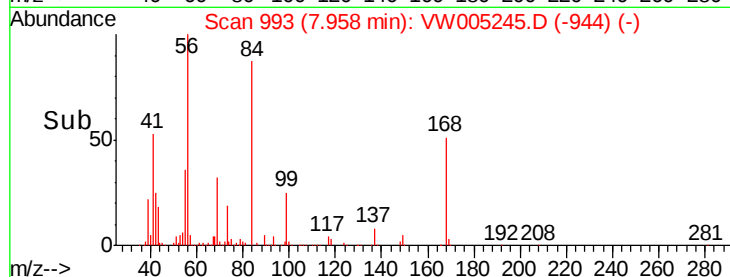
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50000

0

7.80 7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 132.63 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW005245.D

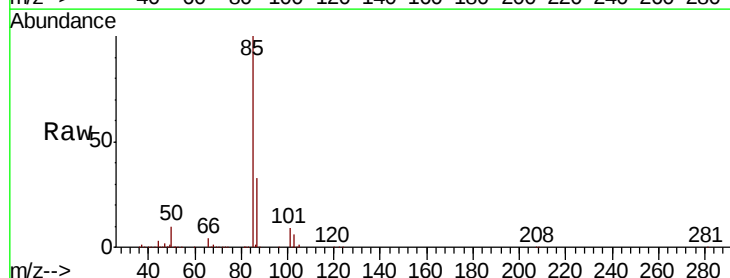
Acq: 10 Sep 2018 16:39

Tgt Ion: 85 Resp: 584143

Ion Ratio Lower Upper

85 100

87 32.7 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

400000

300000

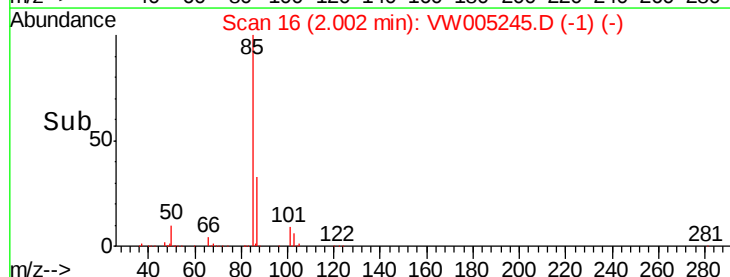
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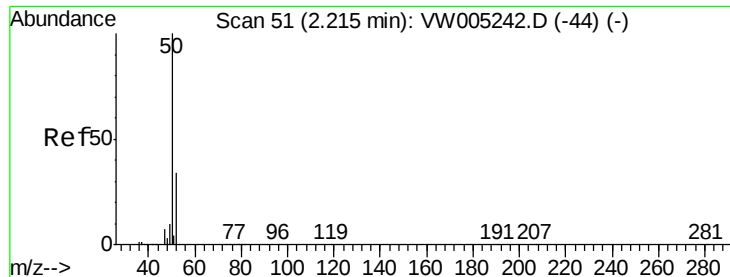
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0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 143.87 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICC150

Tot Ion: 50 Resp: 847182

Ion Ratio Lower Upper

50 100

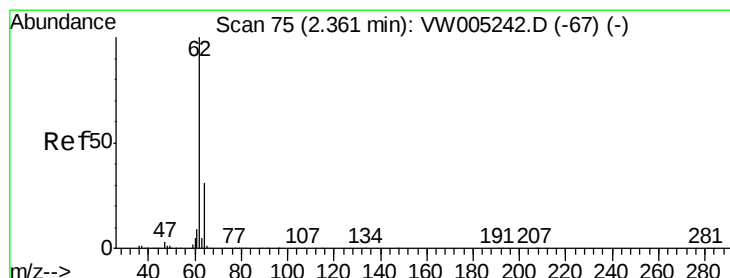
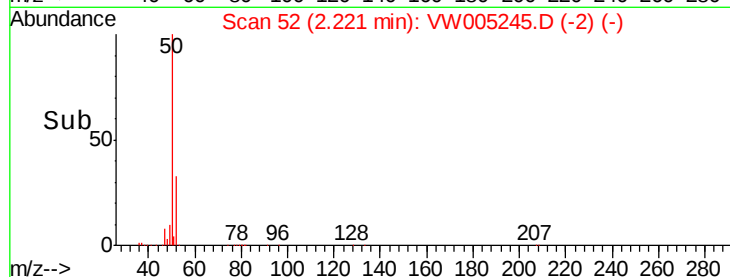
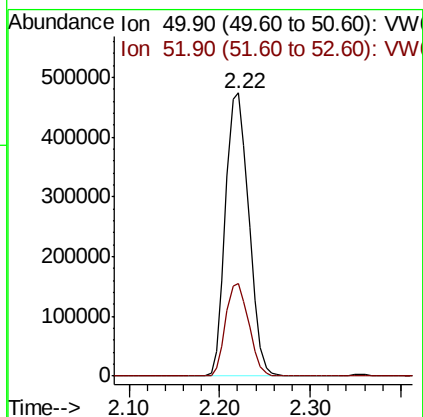
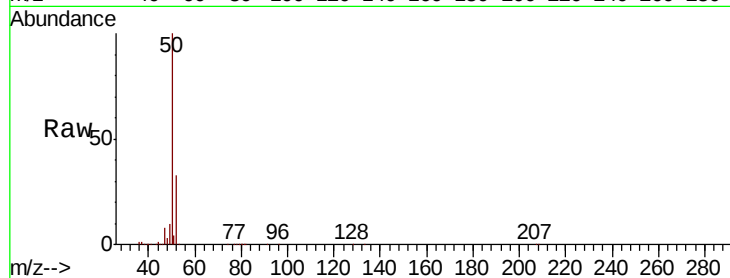
52 32.8 27.0 40.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 141.70 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW005245.D

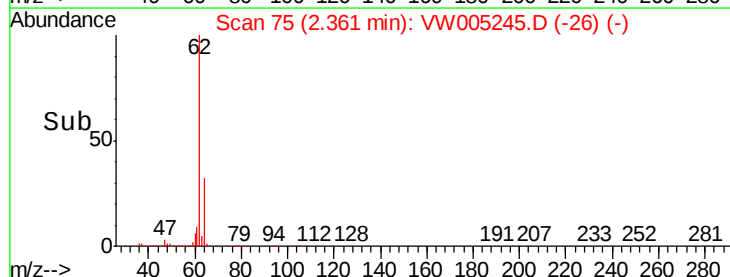
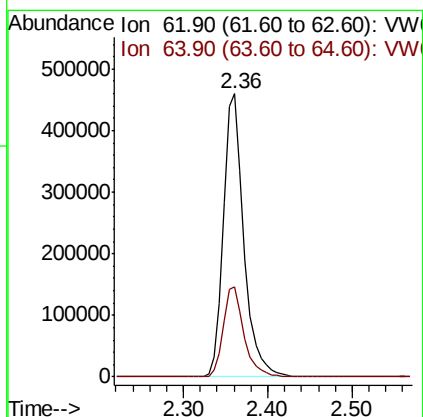
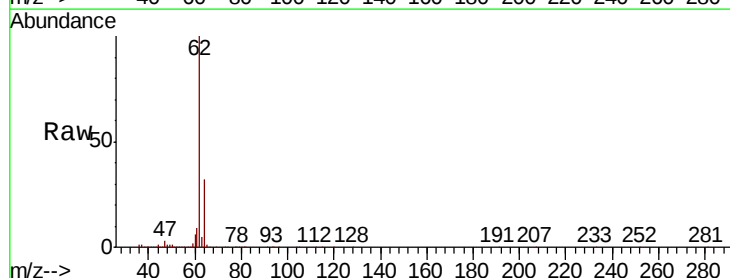
Acq: 10 Sep 2018 16:39

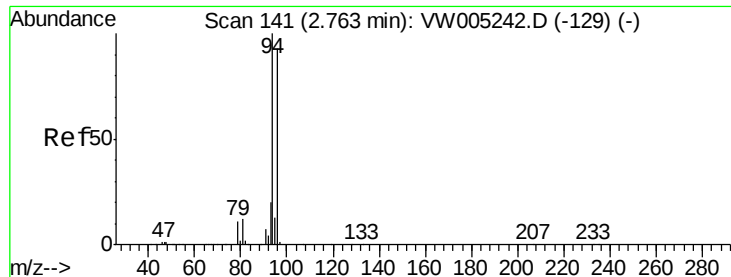
Tgt Ion: 62 Resp: 765983

Ion Ratio Lower Upper

62 100

64 31.9 24.6 37.0





#5

Bromomethane

Concen: 129.03 ug/l

RT: 2.74 min Scan# 137

Delta R.T. -0.02 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 474557

Ion Ratio Lower Upper

94 100

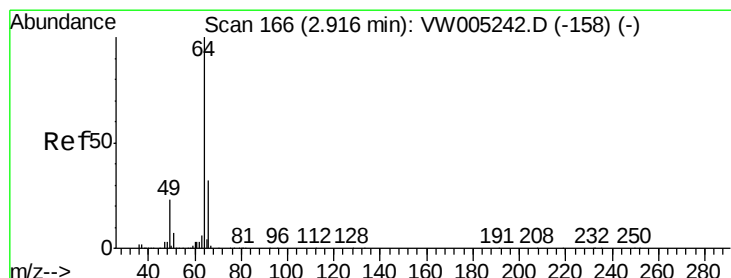
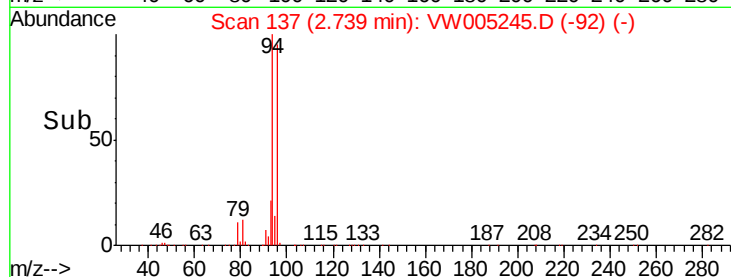
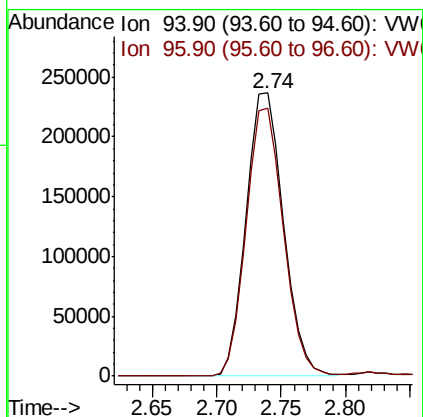
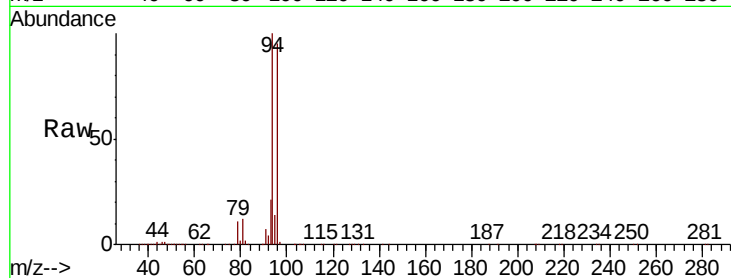
96 94.8 74.1 111.1

Manual Integrations

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#6

Chloroethane

Concen: 143.00 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW005245.D

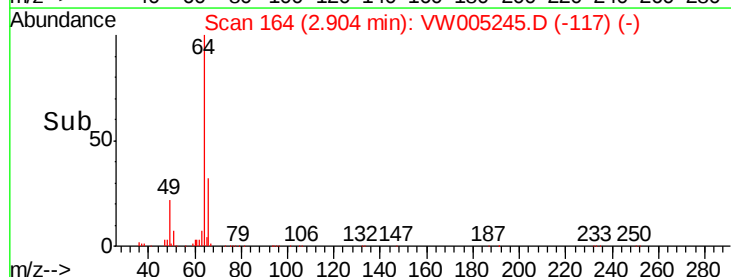
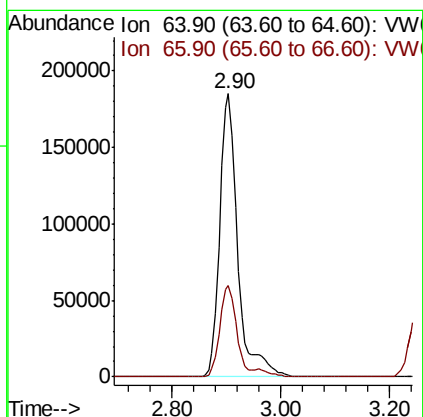
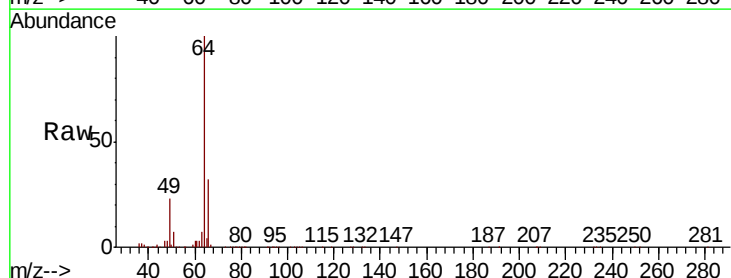
Acq: 10 Sep 2018 16:39

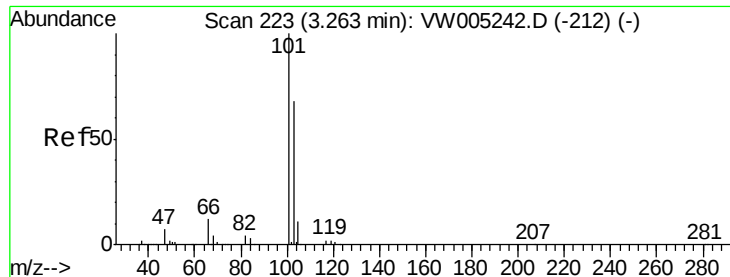
Tgt Ion: 64 Resp: 425800

Ion Ratio Lower Upper

64 100

66 32.3 25.3 37.9





#7

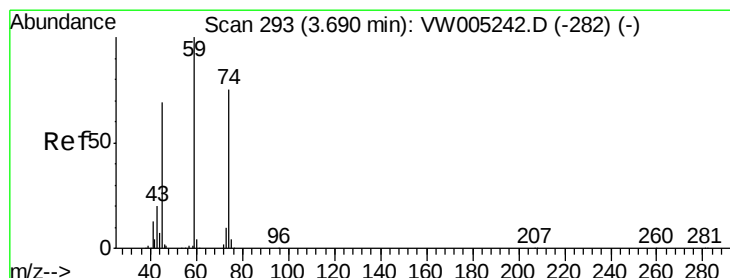
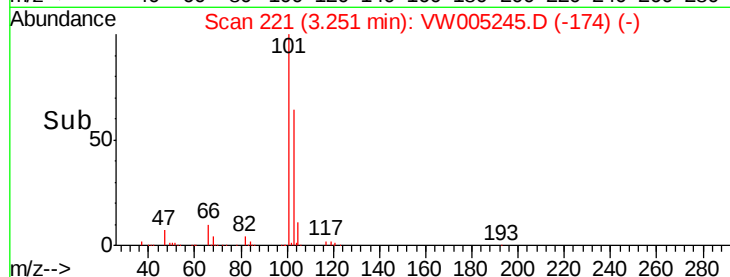
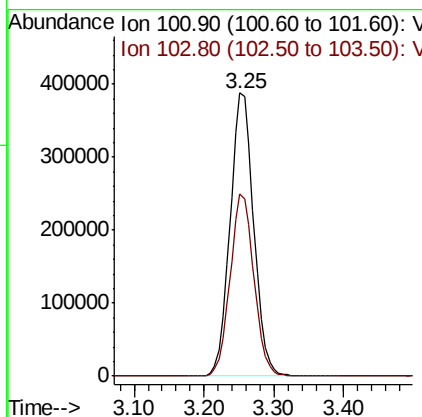
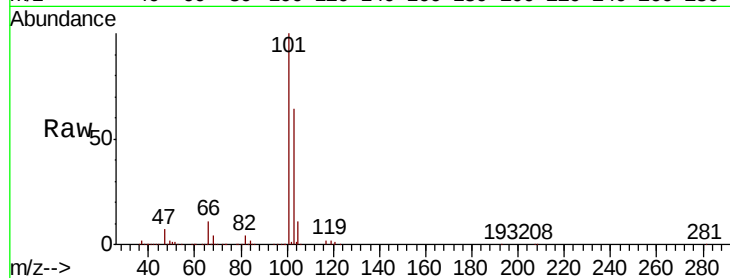
Trichlorofluoromethane  
Concen: 148.74 ug/l  
RT: 3.25 min Scan# 221  
Delta R.T. -0.01 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 101     | 100  |       | 909589 |       |       |
| 103     | 64.4 | 54.1  | 81.1   |       |       |

Manual Integrations  
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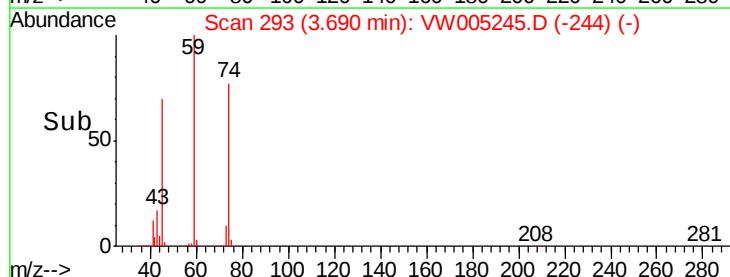
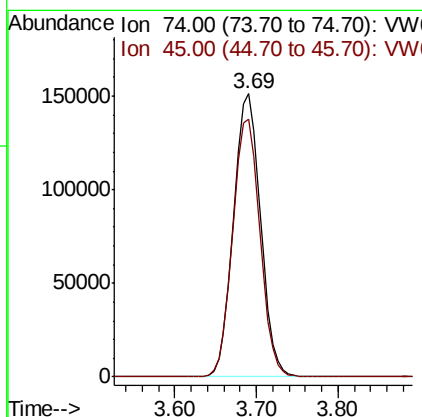
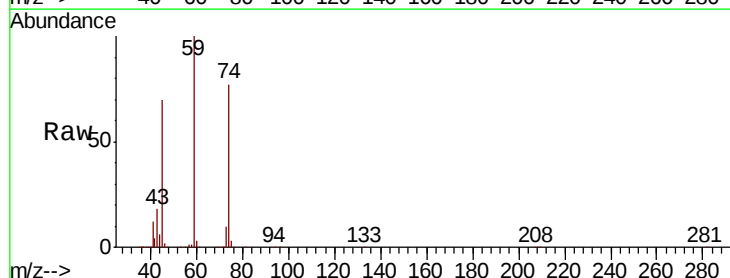
apatel  
9/11/2018 11:09:37 AM

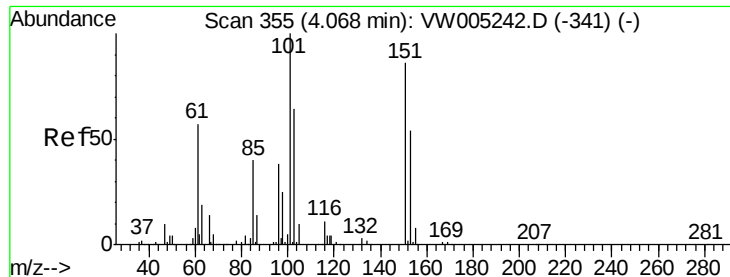


#8

Diethyl Ether  
Concen: 158.87 ug/l  
RT: 3.69 min Scan# 293  
Delta R.T. 0.00 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 74      | 100  |       | 346224 |       |       |
| 45      | 91.5 | 45.1  | 135.3  |       |       |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 148.27 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA\_W

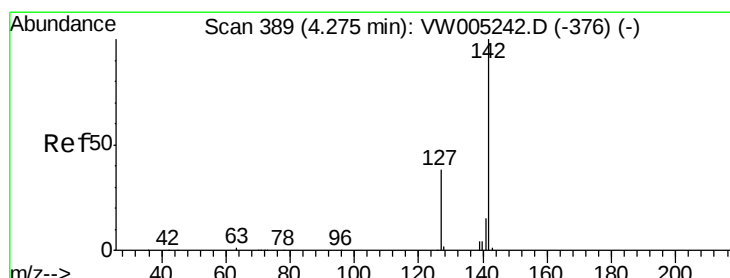
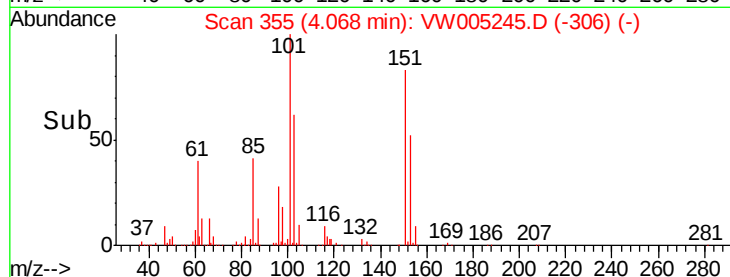
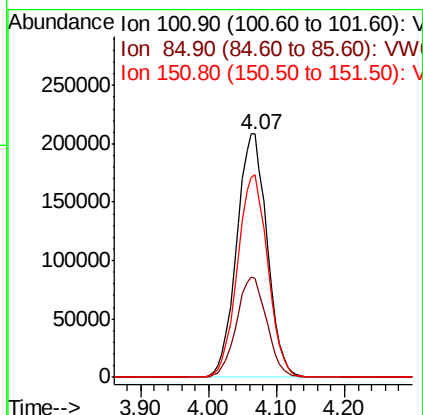
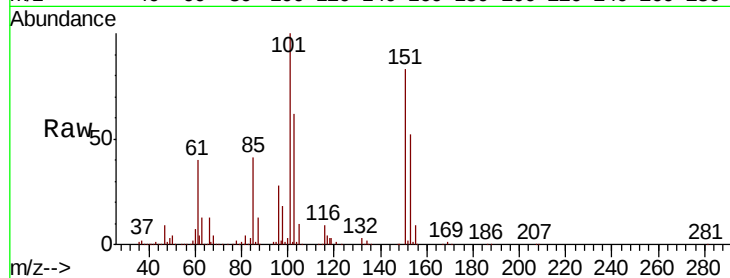
ClientSampled :

VSTDIC150

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 647639 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 40.9  | 32.7  | 49.1   |
| 151       | 83.0  | 67.6  | 101.4  |

Manual Integrations  
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apatel  
9/11/2018 11:09:37 AM



#10

Methyl Iodide

Concen: 178.09 ug/l

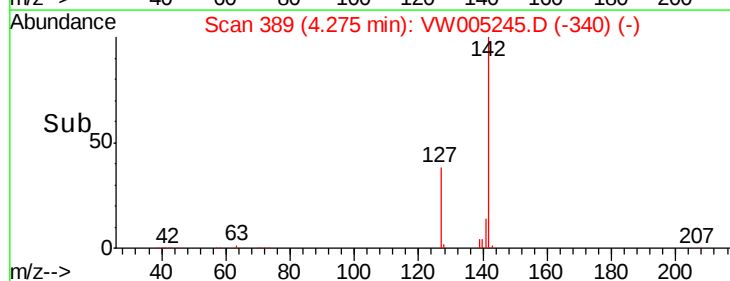
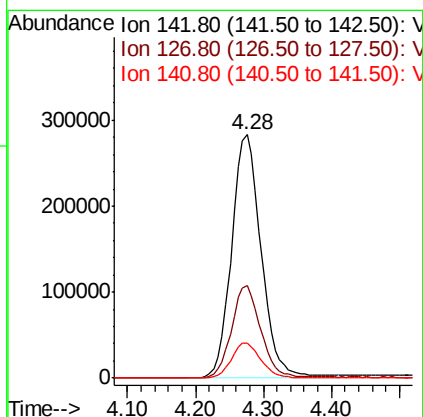
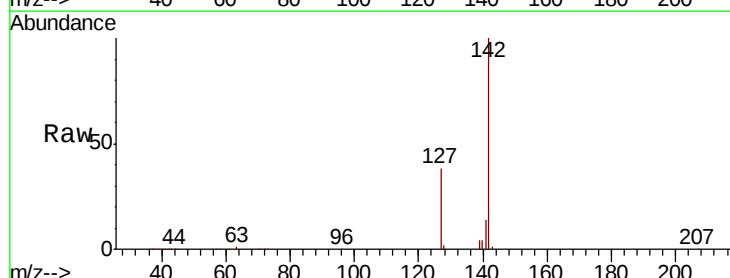
RT: 4.28 min Scan# 389

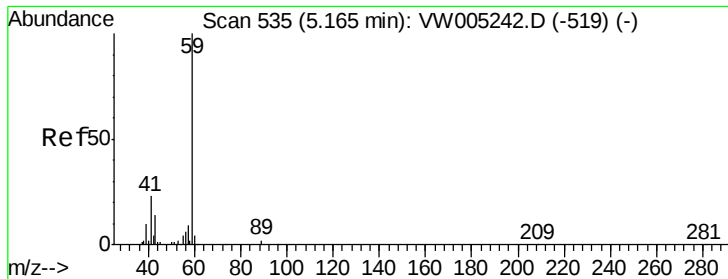
Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 856581 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 37.6  | 30.3  | 45.5   |
| 141       | 14.2  | 11.4  | 17.0   |





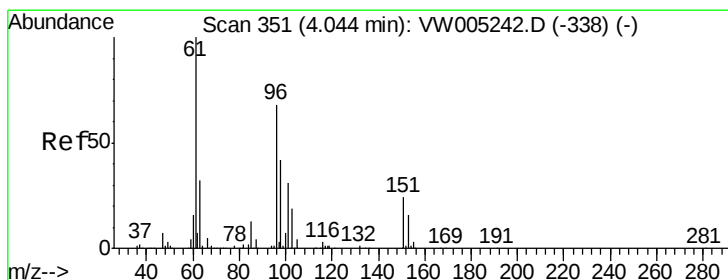
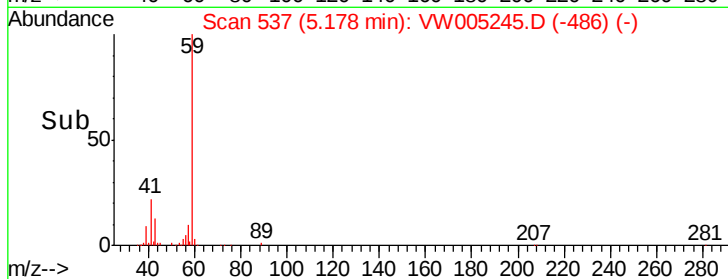
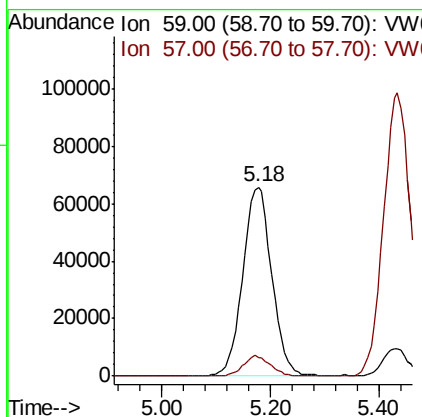
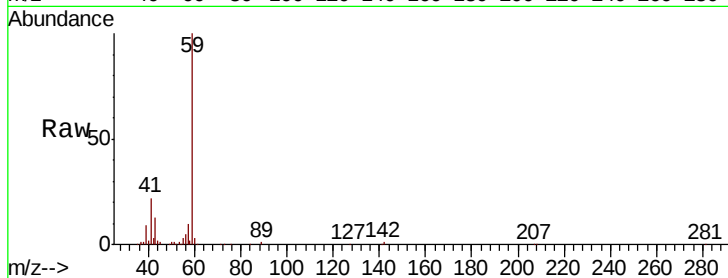
#11  
Tert butyl alcohol  
Concen: 779.61 ug/l  
RT: 5.18 min Scan# 537  
Delta R.T. 0.01 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC150

| Tot Ion | 59 | 57 | Ratio | 100 | 10.1 | Resp | 243471 | Lower | 8.1 | Upper | 12.1 |
|---------|----|----|-------|-----|------|------|--------|-------|-----|-------|------|
| Ion     | 59 | 57 | Ratio | 100 | 10.1 | Resp | 243471 | Lower | 8.1 | Upper | 12.1 |

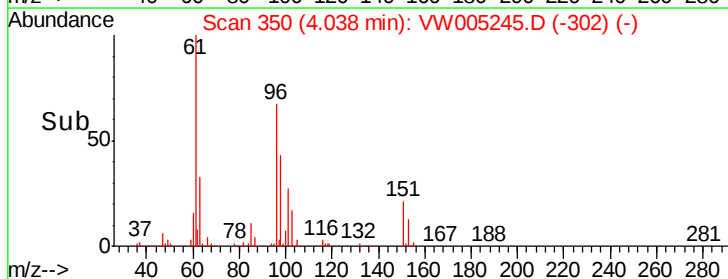
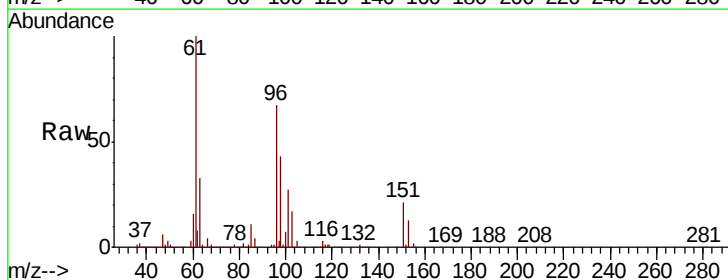
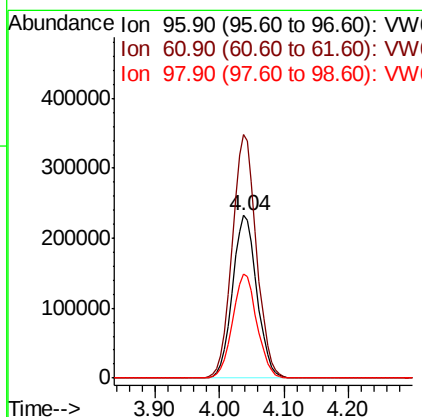
Manual Integrations  
APPROVED

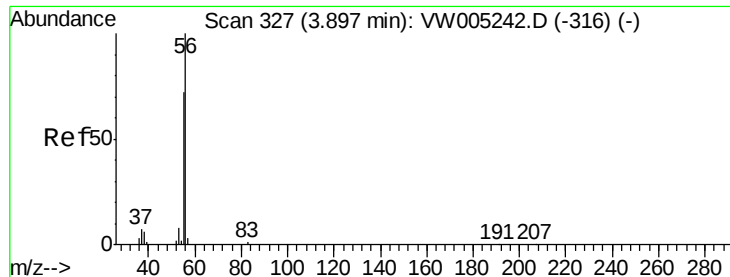
apatel  
9/11/2018 11:09:37 AM



#12  
1,1-Dichloroethene  
Concen: 152.67 ug/l  
RT: 4.04 min Scan# 350  
Delta R.T. -0.01 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

| Tgt Ion | 96 | 61 | 98 | Ratio | 100 | 149.6 | 63.6 | Resp | 614009 | Lower | 118.2 | 49.9 | Upper | 177.2 | 74.9 |
|---------|----|----|----|-------|-----|-------|------|------|--------|-------|-------|------|-------|-------|------|
| Ion     | 96 | 61 | 98 | Ratio | 100 | 149.6 | 63.6 | Resp | 614009 | Lower | 118.2 | 49.9 | Upper | 177.2 | 74.9 |





#13

Acrolein

Concen: 793.63 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC150

Tot Ion: 56 Resp: 239415

Ion Ratio Lower Upper

56 100

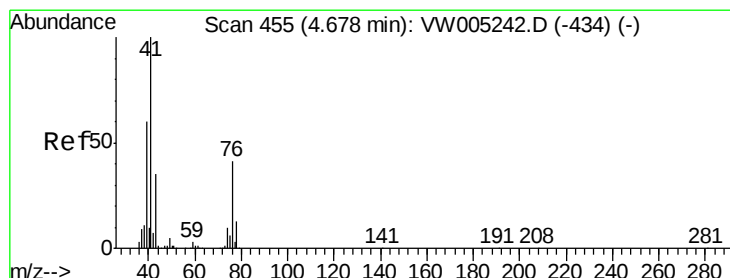
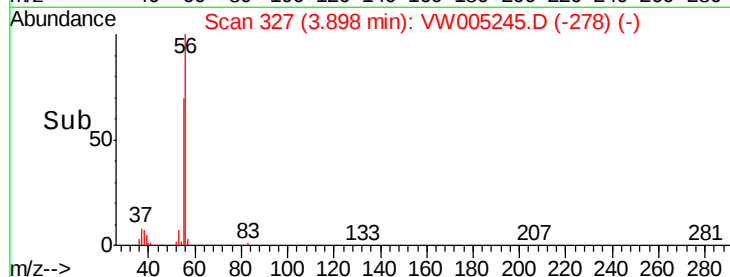
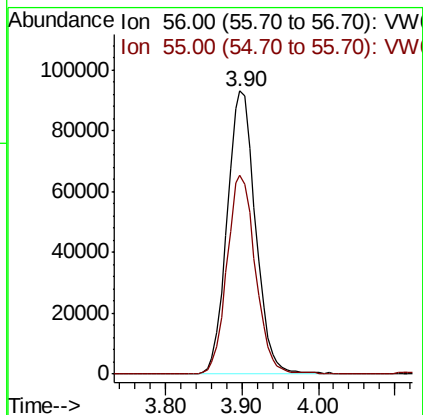
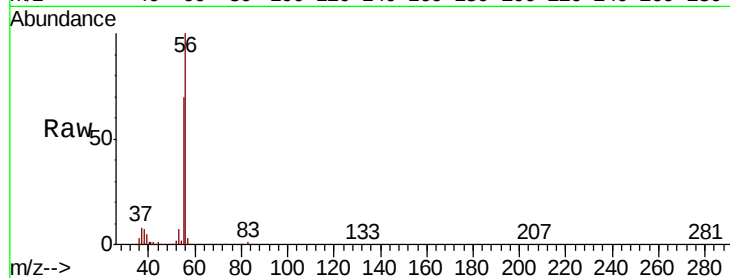
55 70.2 56.8 85.2

Manual Integrations

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#14

Allyl chloride

Concen: 161.49 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

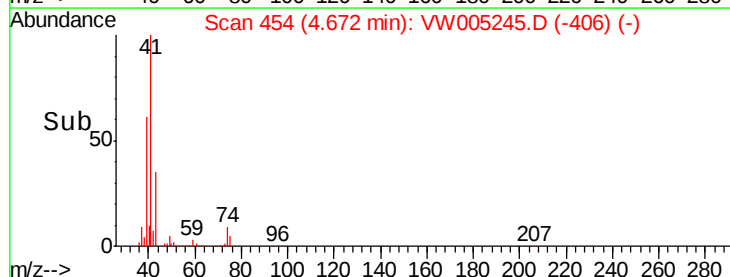
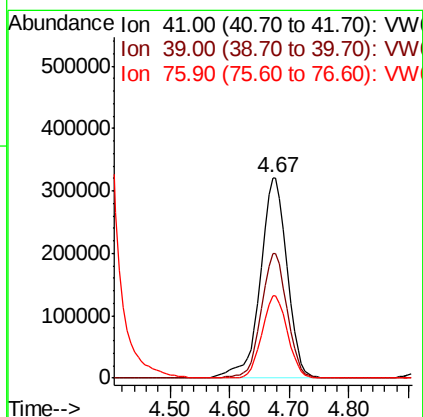
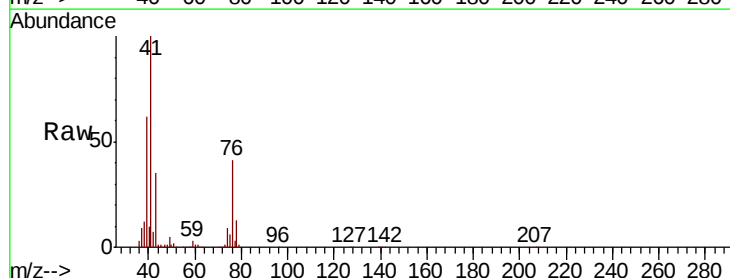
Tgt Ion: 41 Resp: 997927

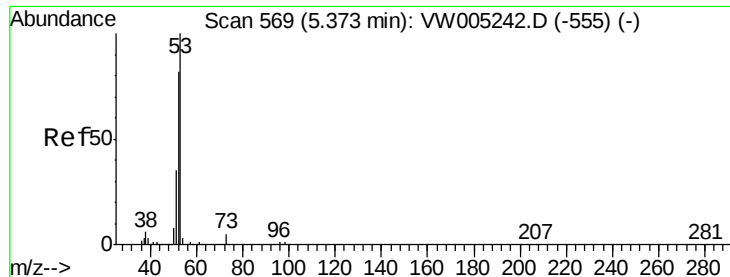
Ion Ratio Lower Upper

41 100

39 60.3 48.2 72.4

76 39.0 31.7 47.5





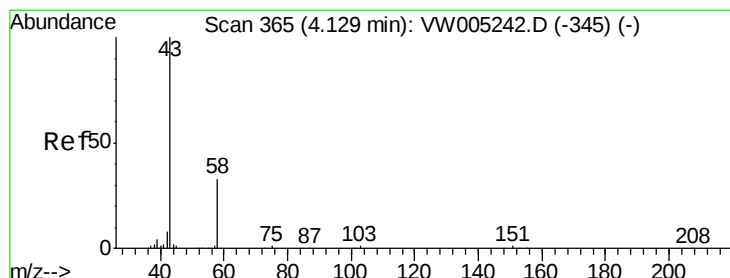
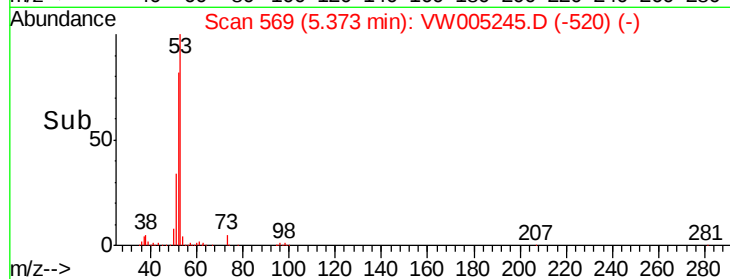
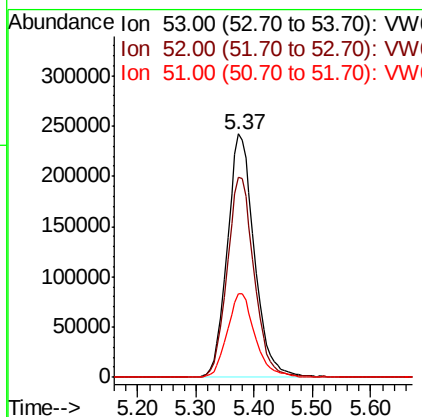
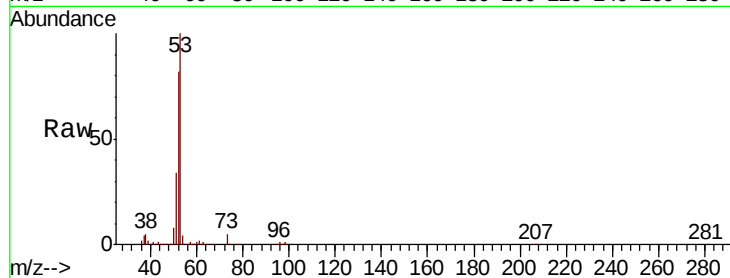
#15  
 Acrylonitrile  
 Concen: 794.07 ug/l  
 RT: 5.37 min Scan# 569  
 Delta R.T. 0.00 min  
 Lab File: VW005245.D  
 Acq: 10 Sep 2018 16:39

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC150

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 780749 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 81.9  | 66.0  | 99.0   |
| 51       | 35.5  | 28.6  | 43.0   |

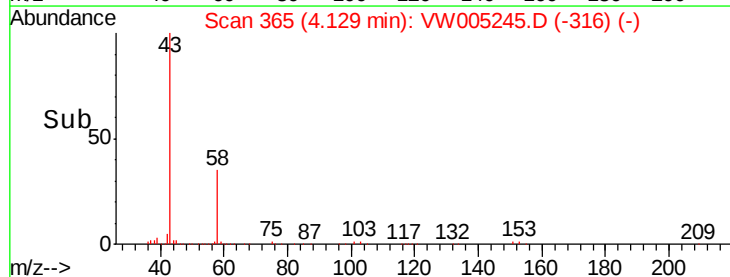
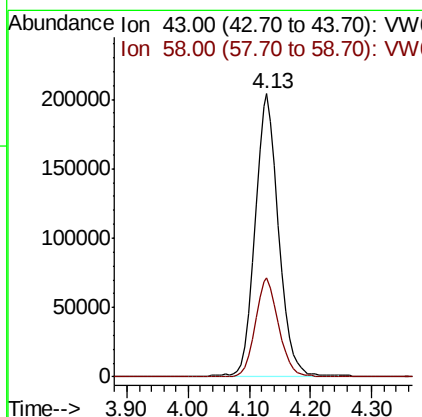
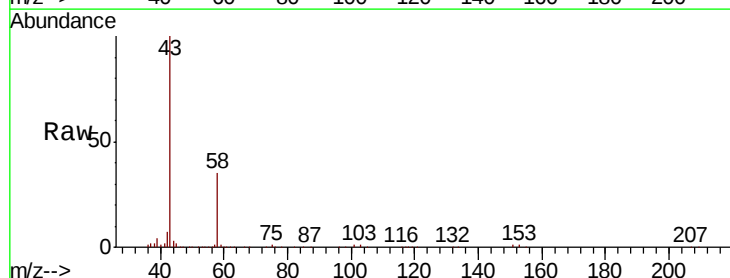
Manual Integrations  
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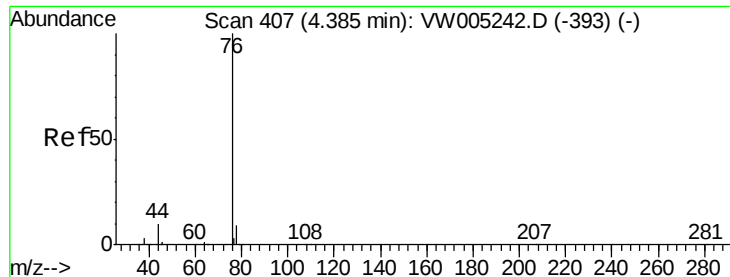
apatel  
 9/11/2018 11:09:37 AM



#16  
 Acetone  
 Concen: 778.48 ug/l  
 RT: 4.13 min Scan# 365  
 Delta R.T. 0.00 min  
 Lab File: VW005245.D  
 Acq: 10 Sep 2018 16:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 550274 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 34.8  | 26.7  | 40.1   |





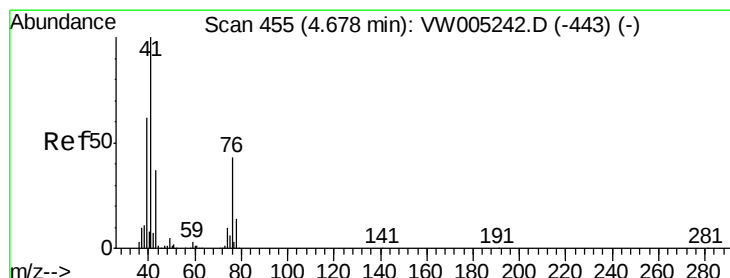
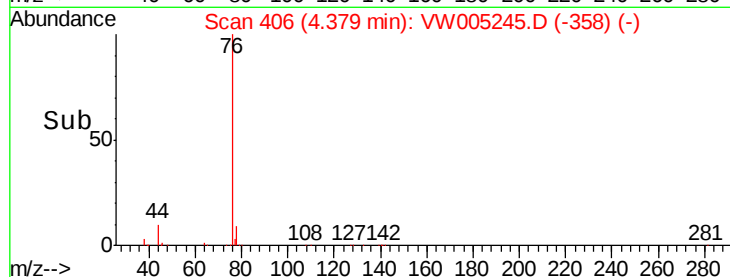
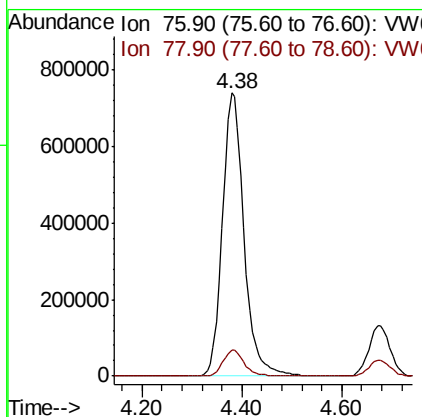
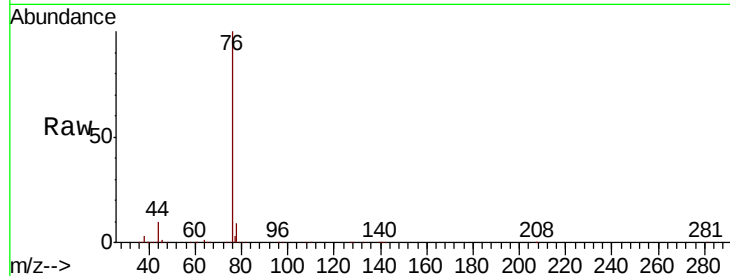
#17  
Carbon Disulfide  
Concen: 156.93 ug/l  
RT: 4.38 min Scan# 406  
Delta R.T. -0.01 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

Tot Ion: 76 Resp: 2215414  
Ion Ratio Lower Upper  
76 100  
78 9.3 7.5 11.3

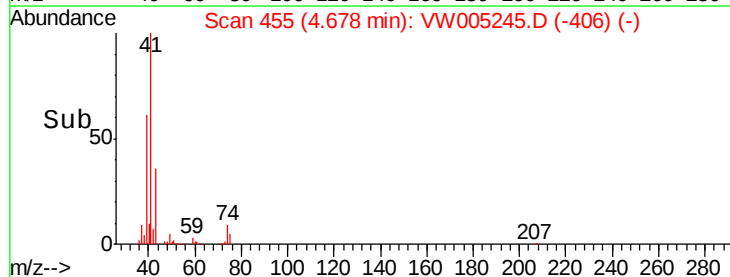
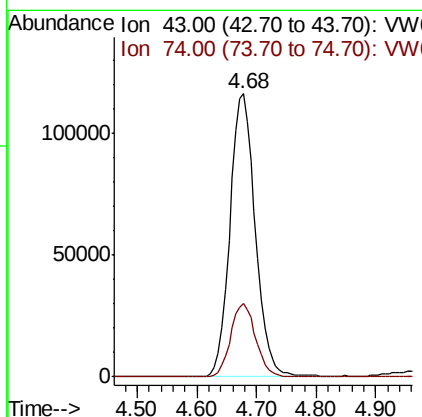
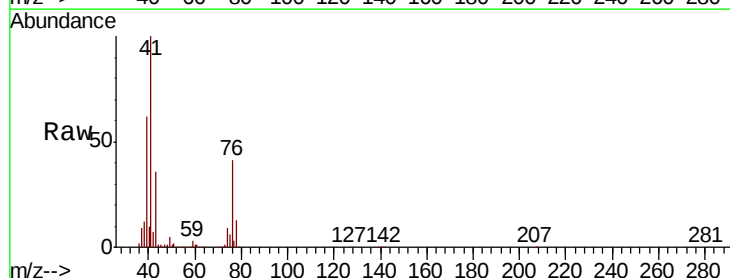
Manual Integrations  
APPROVED

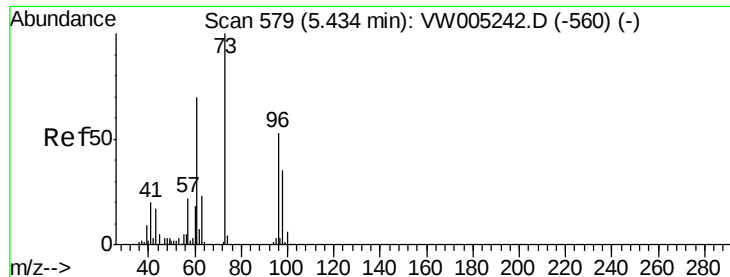
apatel  
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#18  
Methyl Acetate  
Concen: 162.02 ug/l  
RT: 4.68 min Scan# 455  
Delta R.T. 0.00 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

Tgt Ion: 43 Resp: 341877  
Ion Ratio Lower Upper  
43 100  
74 25.8 21.4 32.2





#19

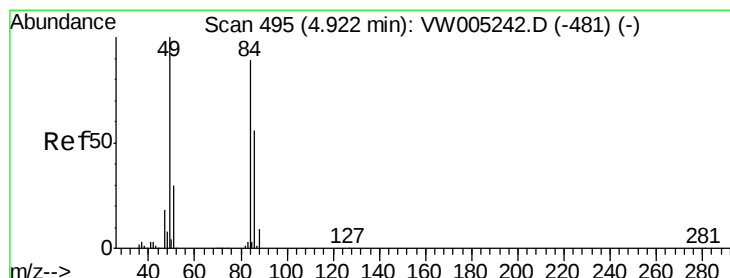
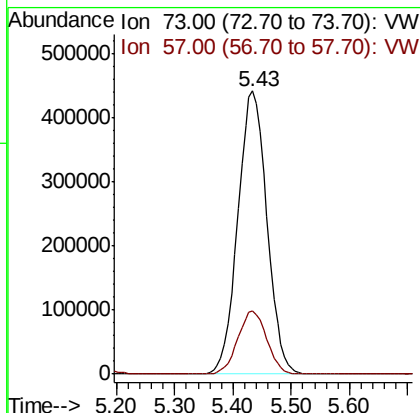
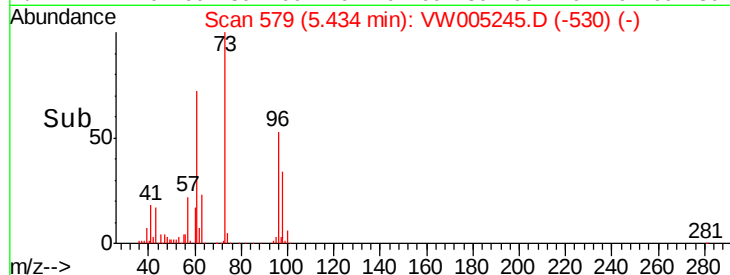
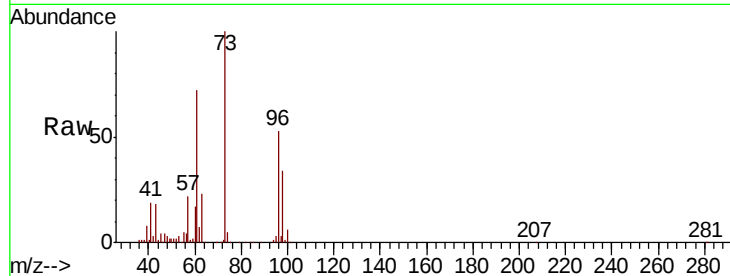
Methyl tert-butyl Ether  
 Concen: 159.24 ug/l  
 RT: 5.43 min Scan# 579  
 Delta R.T. 0.00 min  
 Lab File: VW005245.D  
 Acq: 10 Sep 2018 16:39

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VSTDIC150

Tot Ion: 73 Resp: 1525411  
 Ion Ratio Lower Upper  
 73 100  
 57 22.3 17.4 26.2

Manual Integrations  
 APPROVED

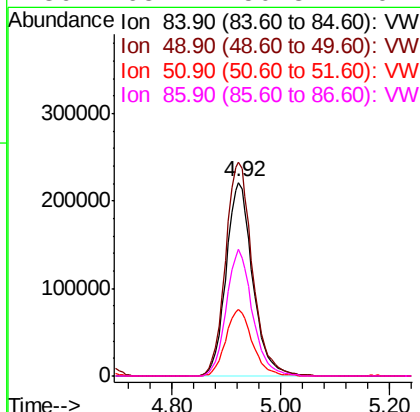
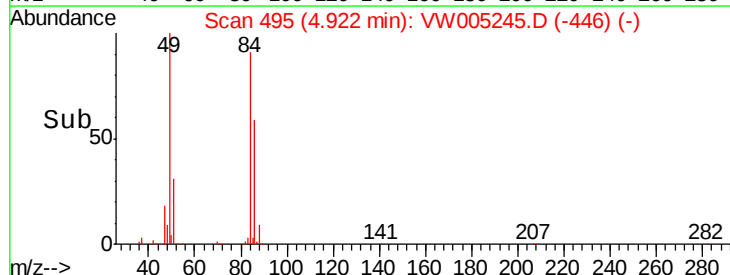
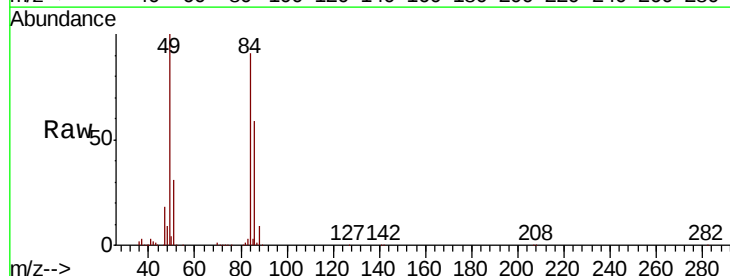
apatel  
 9/11/2018 11:09:37 AM

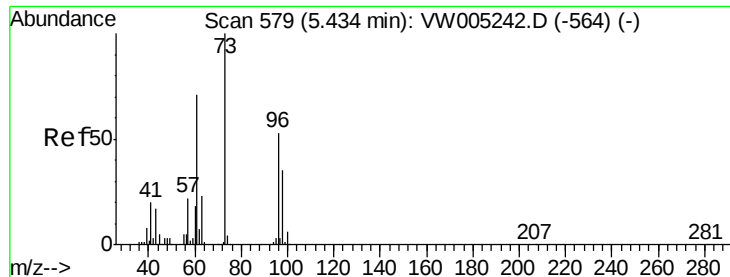


#20

Methylene Chloride  
 Concen: 125.50 ug/l  
 RT: 4.92 min Scan# 495  
 Delta R.T. 0.00 min  
 Lab File: VW005245.D  
 Acq: 10 Sep 2018 16:39

Tgt Ion: 84 Resp: 751921  
 Ion Ratio Lower Upper  
 84 100  
 49 110.4 90.3 135.5  
 51 34.7 26.9 40.3  
 86 65.2 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 154.95 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA\_W

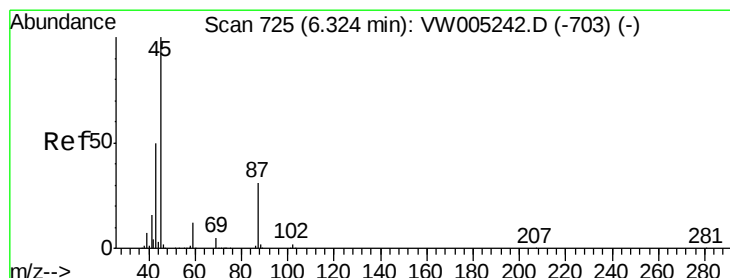
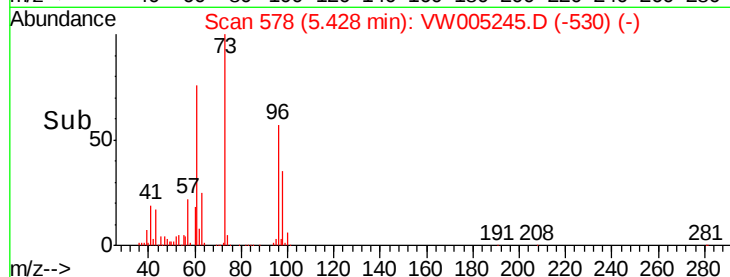
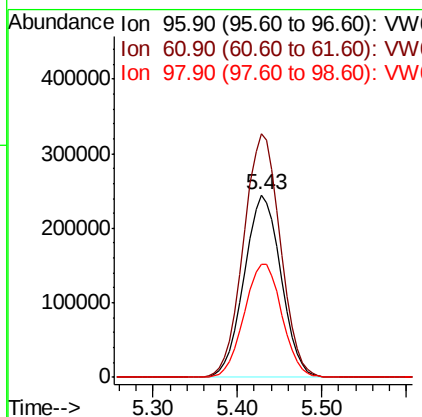
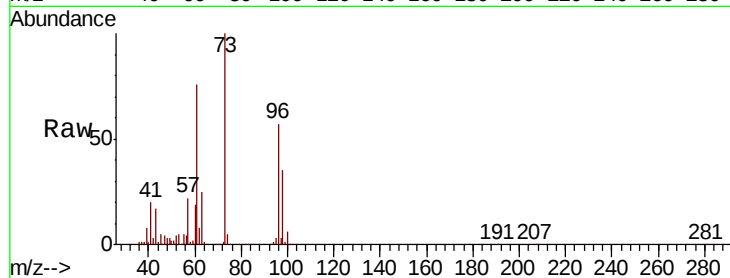
ClientSampled :

VSTDIC150

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 96    | Resp: | 727593 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 133.3 | 105.7 | 158.5  |
| 98        | 62.0  | 52.8  | 79.2   |

Manual Integrations  
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apatel  
9/11/2018 11:09:37 AM



#22

Diisopropyl ether

Concen: 159.43 ug/l

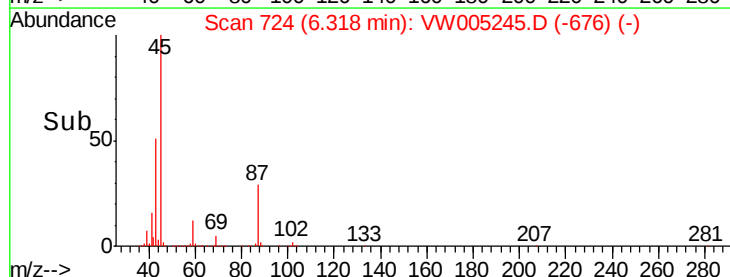
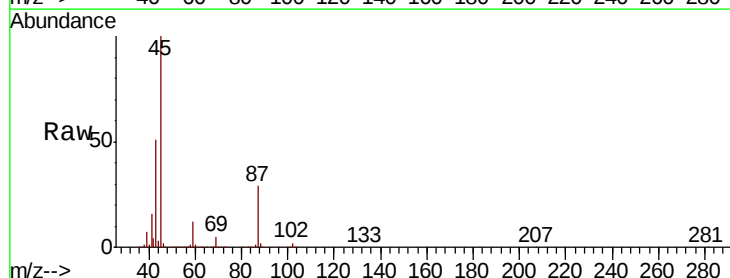
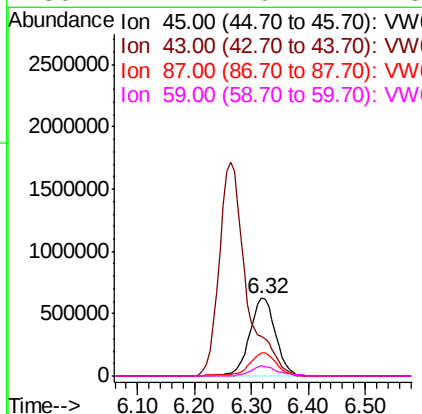
RT: 6.32 min Scan# 724

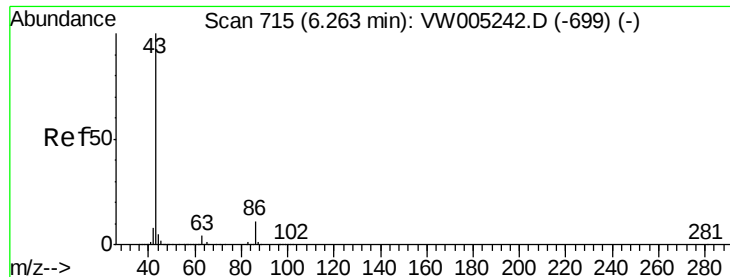
Delta R.T. -0.01 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 45    | Resp: | 1983458 |
| Ion Ratio | Lower | Upper |         |
| 45        | 100   |       |         |
| 43        | 51.0  | 39.6  | 59.4    |
| 87        | 29.4  | 24.7  | 37.1    |
| 59        | 12.4  | 9.7   | 14.5    |





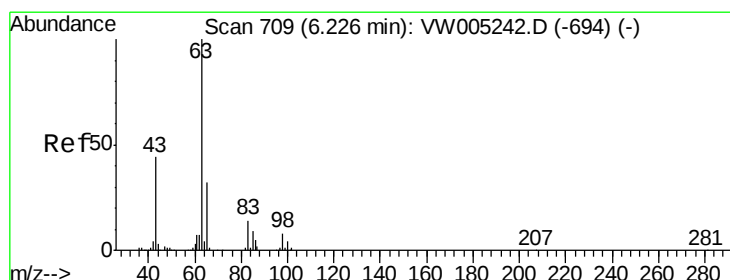
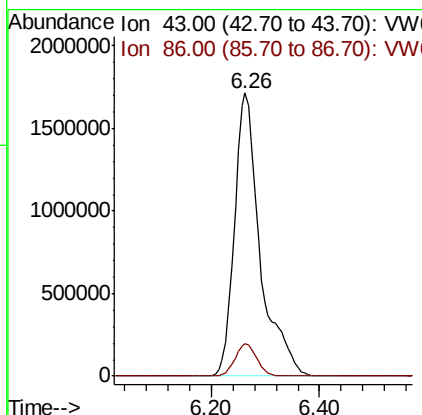
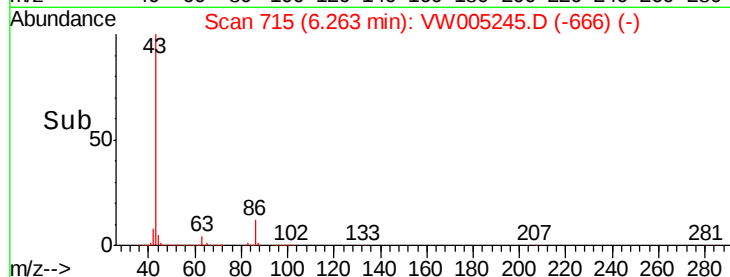
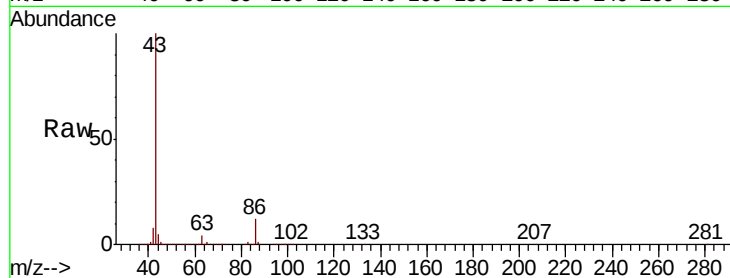
#23  
 Vinyl Acetate  
 Concen: 816.20 ug/l  
 RT: 6.26 min Scan# 715  
 Delta R.T. 0.00 min  
 Lab File: VW005245.D  
 Acq: 10 Sep 2018 16:39

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC150

Tot Ion: 43 Resp: 5659001  
 Ion Ratio Lower Upper  
 43 100  
 86 11.6 8.9 13.3

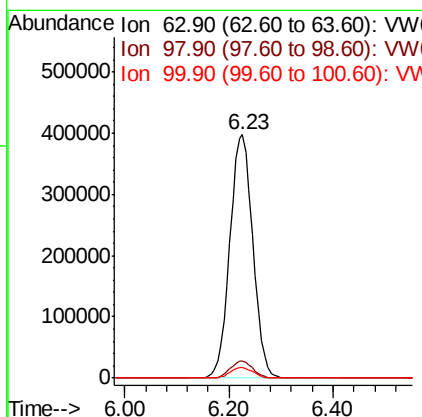
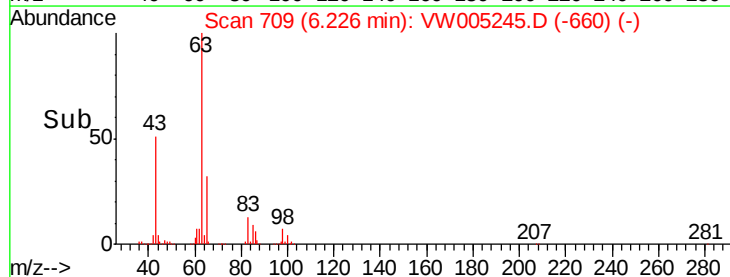
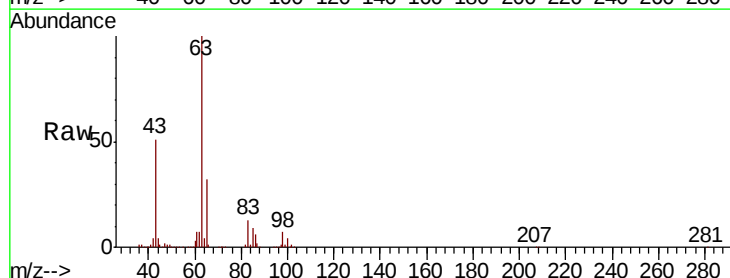
Manual Integrations  
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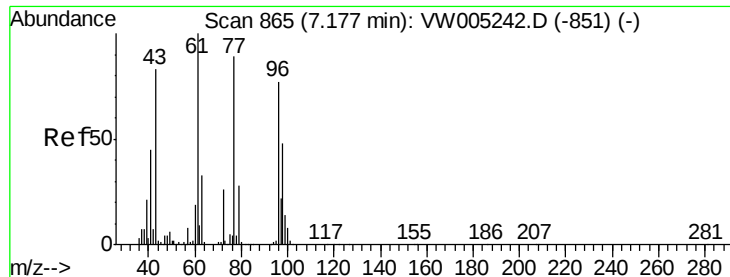
apatel  
 9/11/2018 11:09:37 AM



#24  
 1,1-Dichloroethane  
 Concen: 158.70 ug/l  
 RT: 6.23 min Scan# 709  
 Delta R.T. 0.00 min  
 Lab File: VW005245.D  
 Acq: 10 Sep 2018 16:39

Tgt Ion: 63 Resp: 1215359  
 Ion Ratio Lower Upper  
 63 100  
 98 7.0 3.8 11.4  
 100 4.3 2.2 6.6





#25

2-Butanone

Concen: 810.73 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 903930

Ion Ratio Lower Upper

43 100

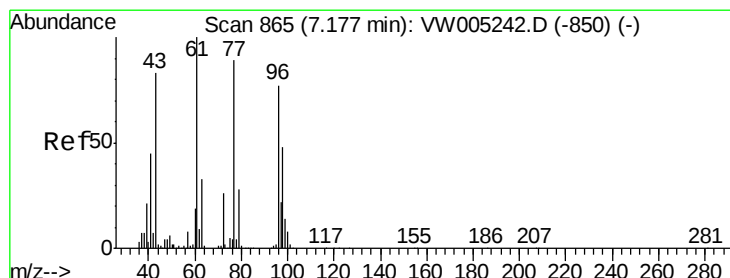
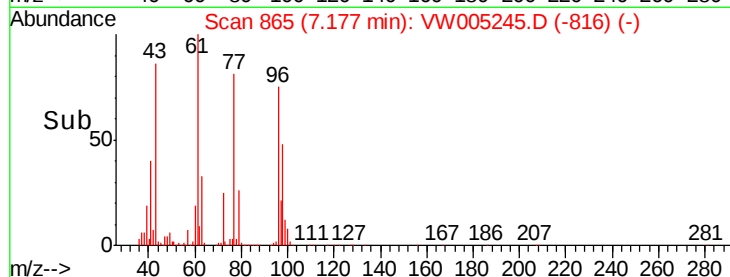
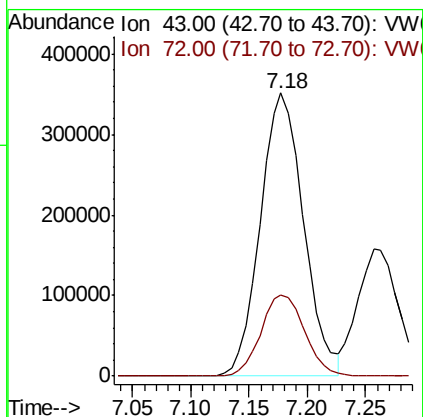
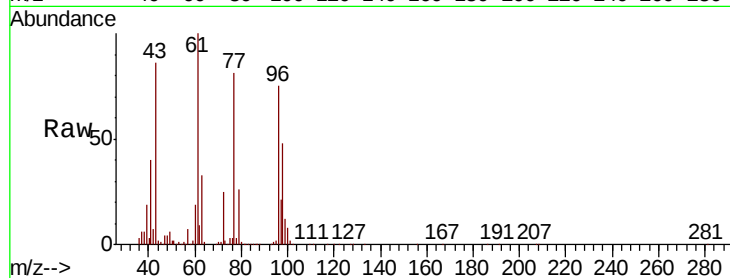
72 28.6 25.0 37.6

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#26

2,2-Dichloropropane

Concen: 145.65 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW005245.D

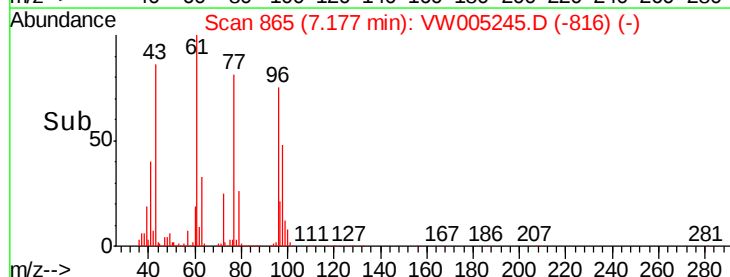
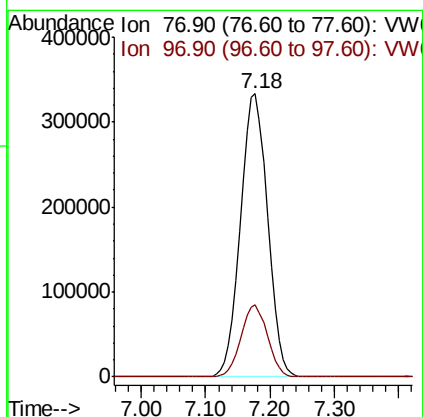
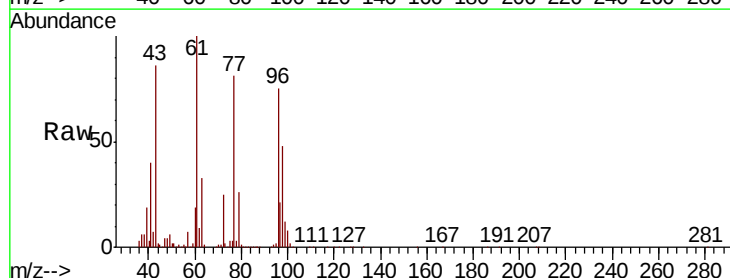
Acq: 10 Sep 2018 16:39

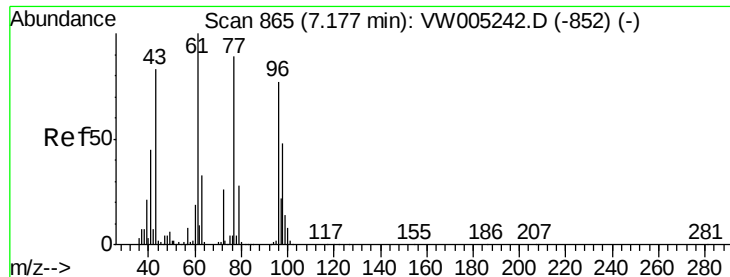
Tgt Ion: 77 Resp: 967084

Ion Ratio Lower Upper

77 100

97 24.8 12.2 36.6





#27

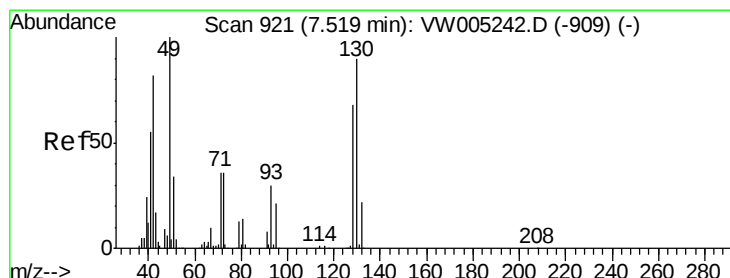
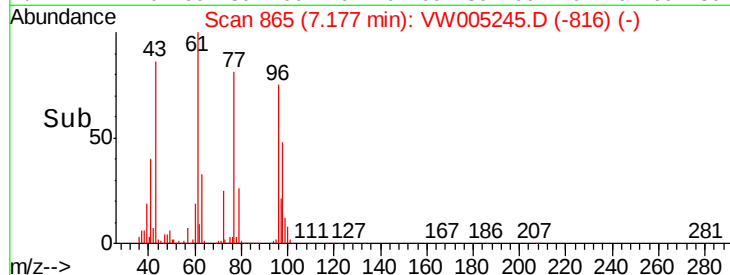
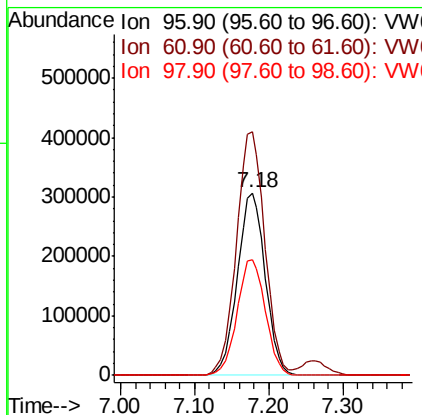
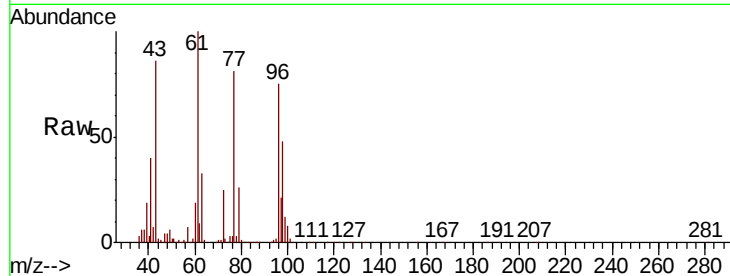
cis-1,2-Dichloroethene  
Concen: 159.90 ug/l  
RT: 7.18 min Scan# 865  
Delta R.T. 0.00 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 136.5 | 0.0   | 273.4 |
| 98      | 64.5  | 0.0   | 127.8 |

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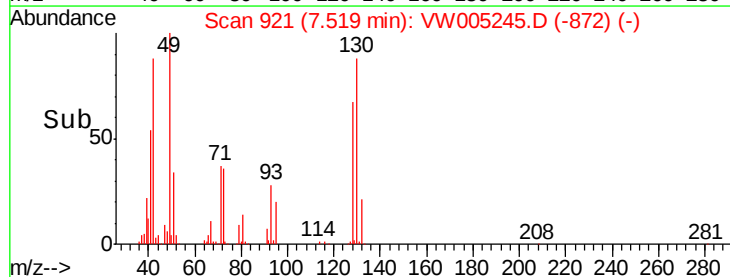
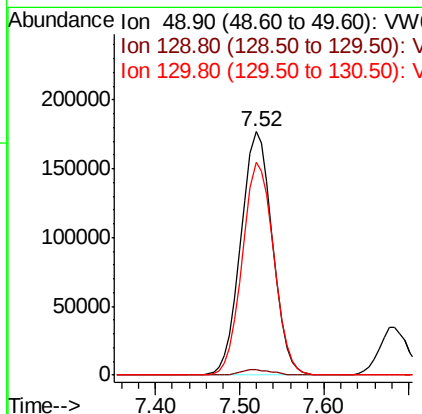
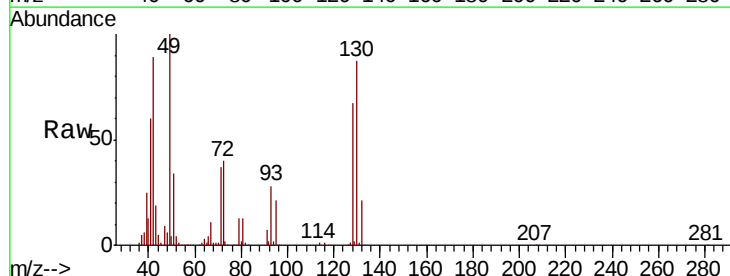
apatel  
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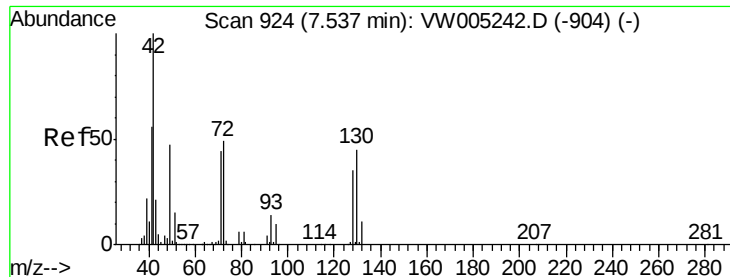


#28

Bromochloromethane  
Concen: 158.58 ug/l  
RT: 7.52 min Scan# 921  
Delta R.T. 0.00 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.2   | 0.0   | 2.0#  |
| 130     | 87.2  | 71.2  | 106.8 |





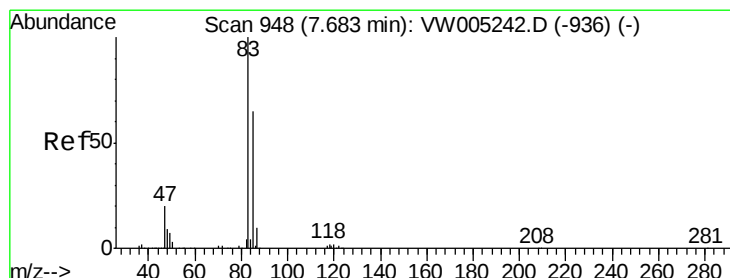
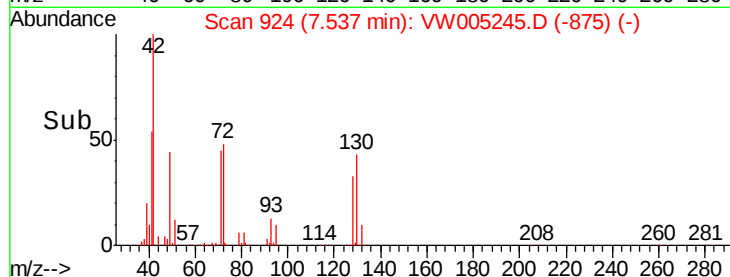
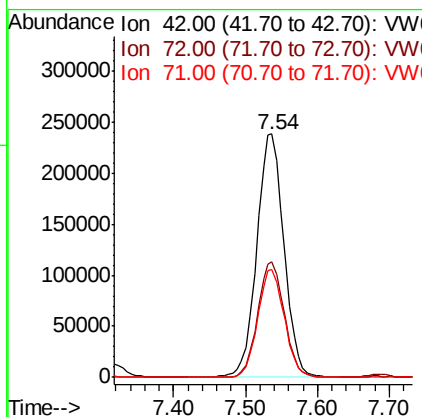
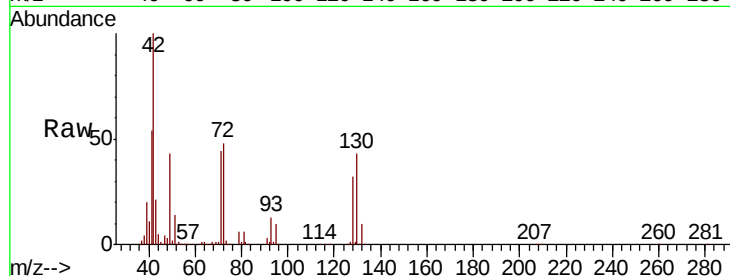
#29  
Tetrahydrofuran  
Concen: 828.97 ug/l  
RT: 7.54 min Scan# 924  
Delta R.T. 0.00 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 46.6  | 37.5  | 56.3  |
| 71      | 43.5  | 34.8  | 52.2  |

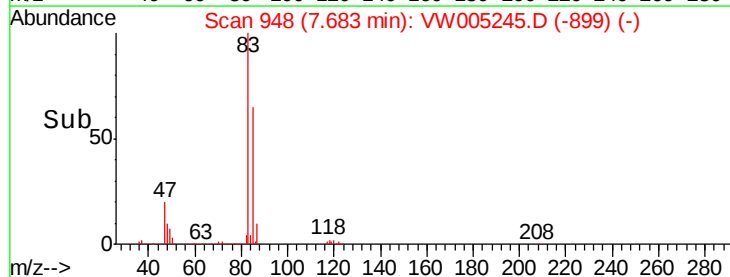
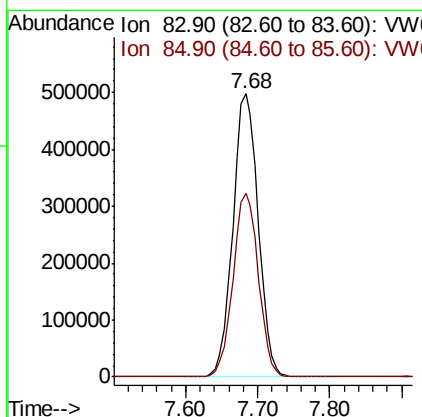
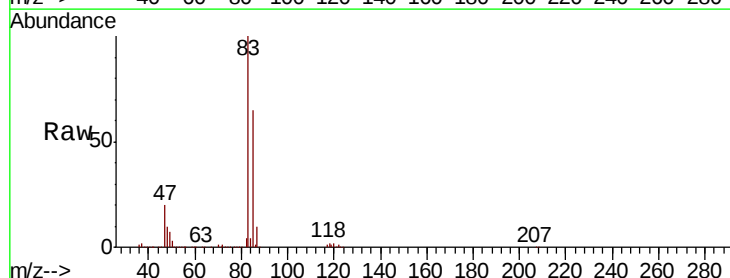
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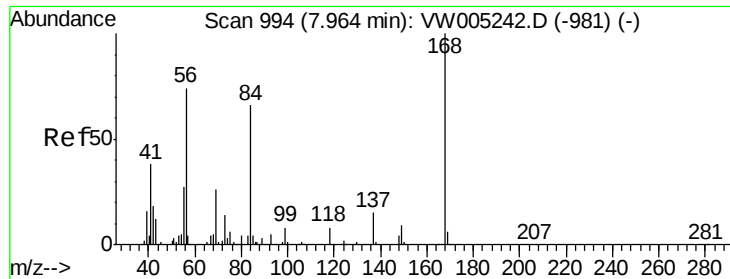
apatel  
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#30  
Chloroform  
Concen: 157.60 ug/l  
RT: 7.68 min Scan# 948  
Delta R.T. 0.00 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.9  | 51.7  | 77.5  |





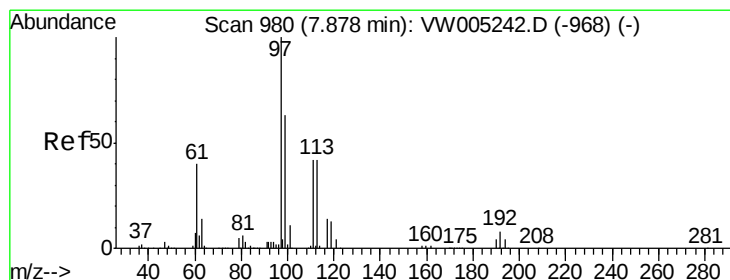
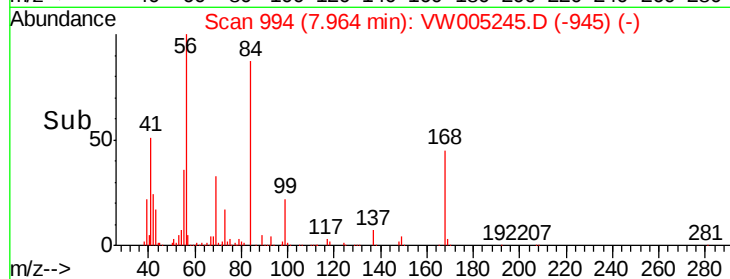
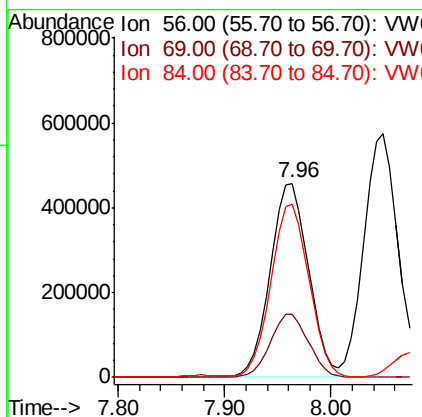
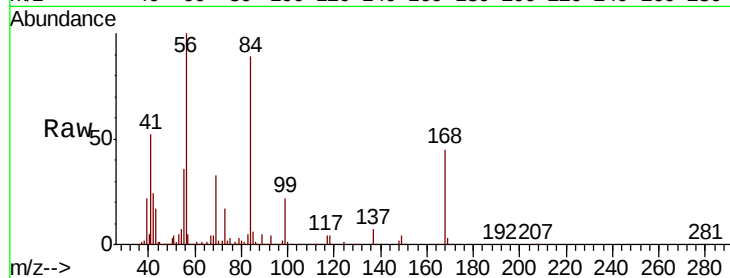
#31  
Cvclohexane  
Concen: 140.63 ug/l  
RT: 7.96 min Scan# 994  
Delta R.T. 0.00 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

Tot Ion: 56 Resp: 1145929  
Ion Ratio Lower Upper  
56 100  
69 32.5 27.8 41.8  
84 88.1 72.1 108.1

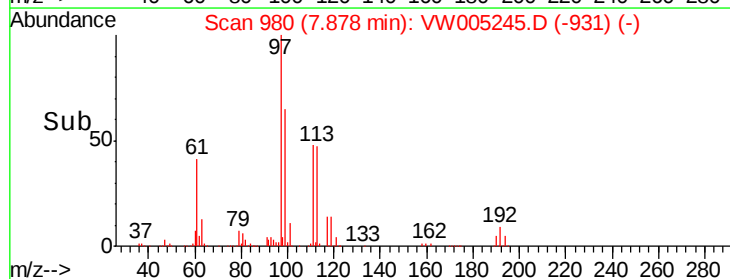
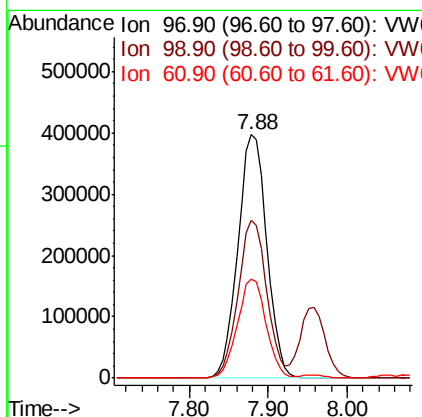
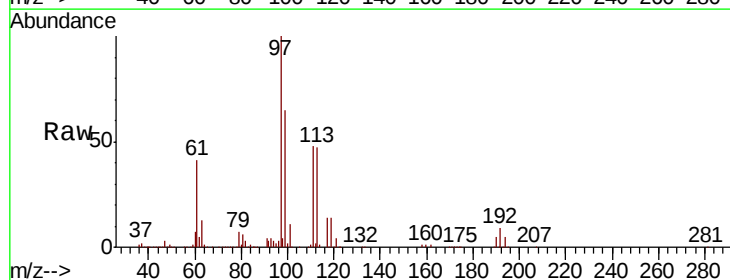
Manual Integrations  
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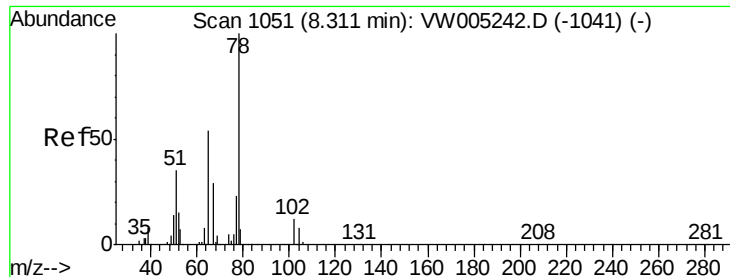
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#32  
1,1,1-Trichloroethane  
Concen: 146.01 ug/l  
RT: 7.88 min Scan# 980  
Delta R.T. 0.00 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

Tgt Ion: 97 Resp: 1013739  
Ion Ratio Lower Upper  
97 100  
99 64.2 51.5 77.3  
61 40.4 32.5 48.7





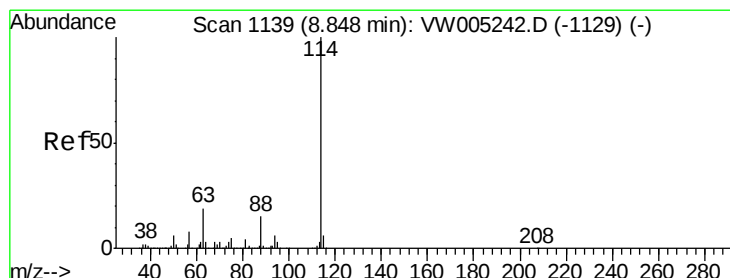
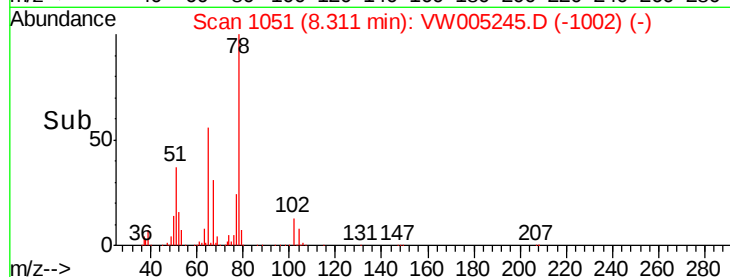
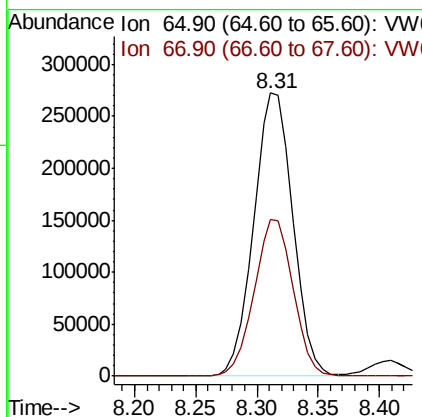
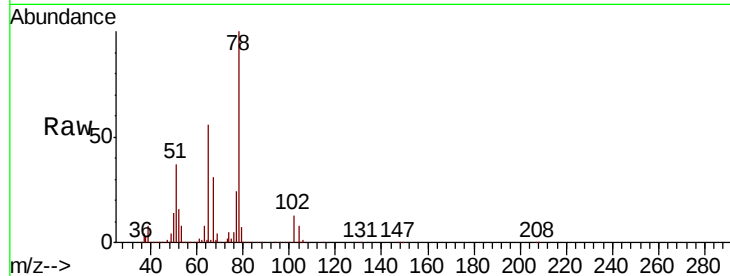
#33  
 1,2-Dichloroethane-d4  
 Concen: 159.31 ug/l  
 RT: 8.31 min Scan# 1051  
 Delta R.T. 0.00 min  
 Lab File: VW005245.D  
 Acq: 10 Sep 2018 16:39

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 606670 |       |       |
| 67      | 55.2  | 0.0    | 112.2 |       |

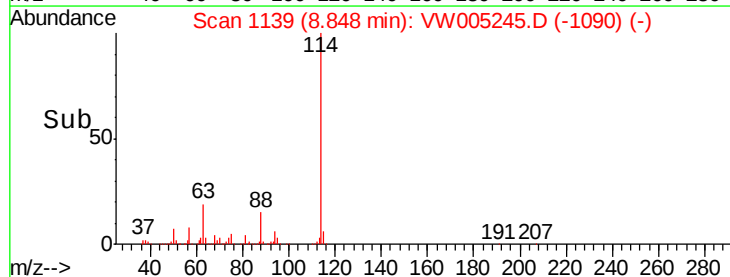
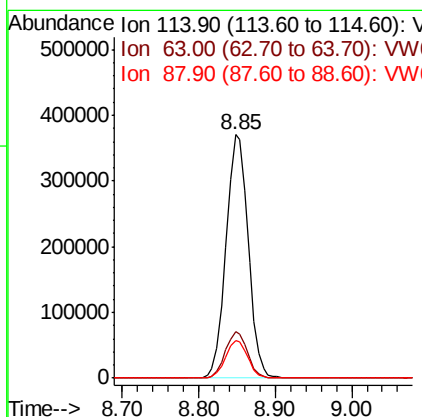
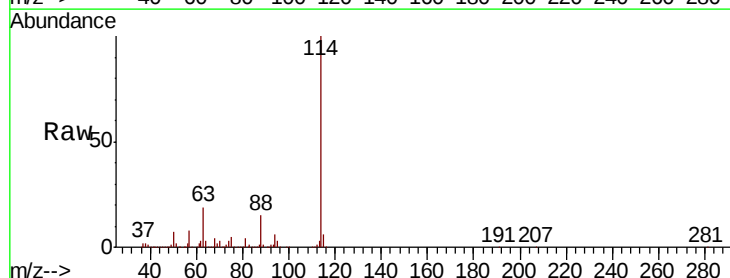
Manual Integrations  
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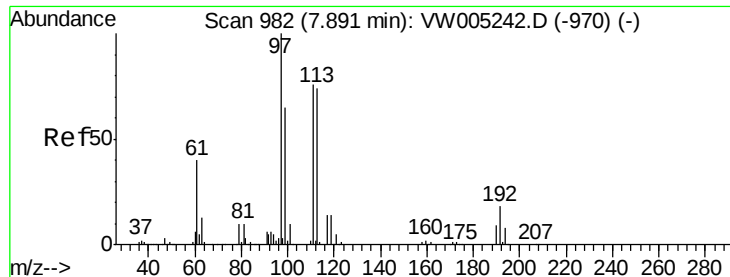
apatel  
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#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.85 min Scan# 1139  
 Delta R.T. 0.00 min  
 Lab File: VW005245.D  
 Acq: 10 Sep 2018 16:39

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 740252 |       |       |
| 63      | 18.9  | 0.0    | 37.0  |       |
| 88      | 15.4  | 0.0    | 30.4  |       |





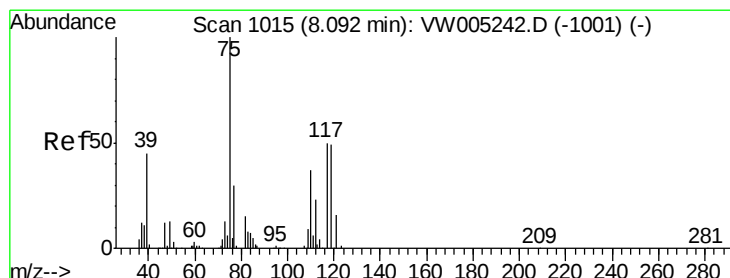
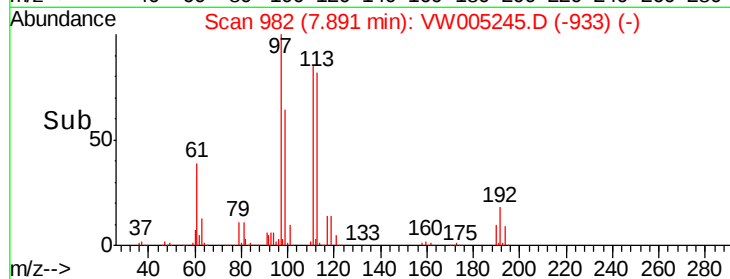
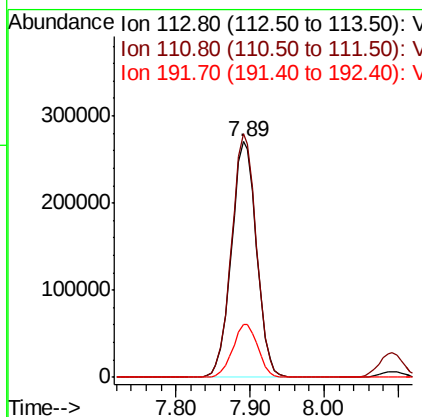
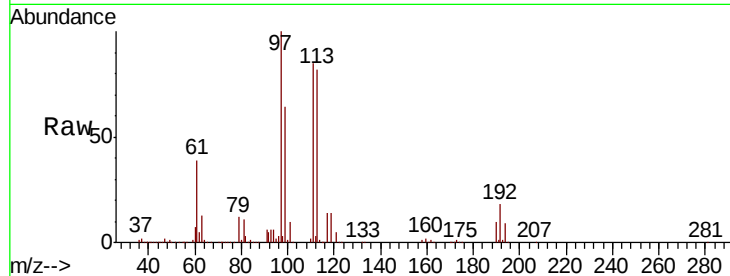
#35  
 Dibromofluoromethane  
 Concen: 164.40 ug/l  
 RT: 7.89 min Scan# 982  
 Delta R.T. 0.00 min  
 Lab File: VW005245.D  
 Acq: 10 Sep 2018 16:39

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.3 | 80.6  | 121.0 |
| 192     | 22.6  | 18.3  | 27.5  |

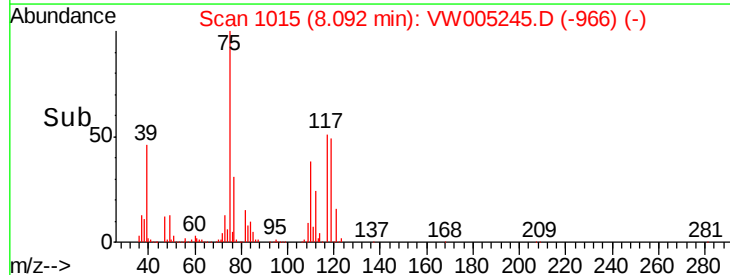
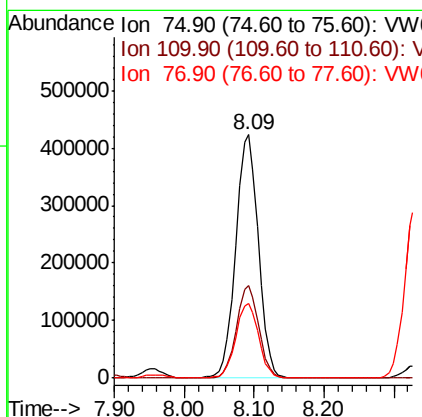
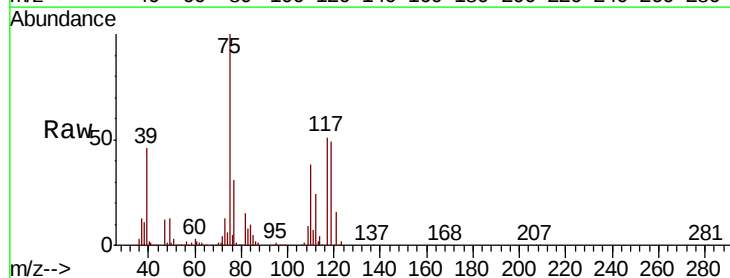
Manual Integrations  
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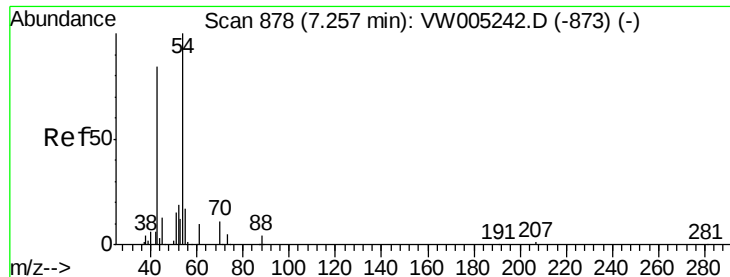
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#36  
 1,1-Dichloropropene  
 Concen: 140.11 ug/l  
 RT: 8.09 min Scan# 1015  
 Delta R.T. 0.00 min  
 Lab File: VW005245.D  
 Acq: 10 Sep 2018 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 37.3  | 18.8  | 56.4  |
| 77      | 31.2  | 24.9  | 37.3  |





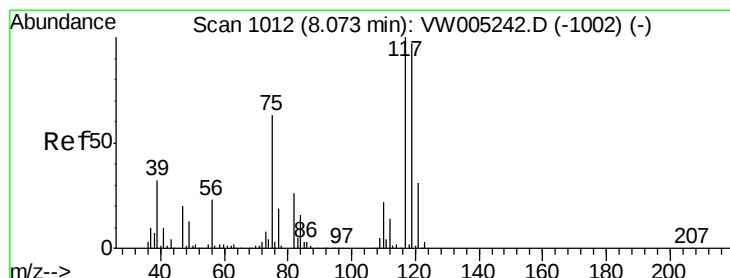
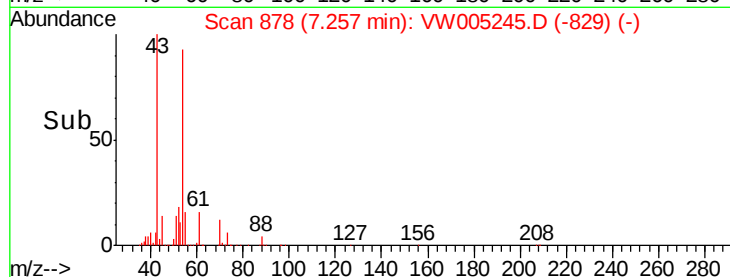
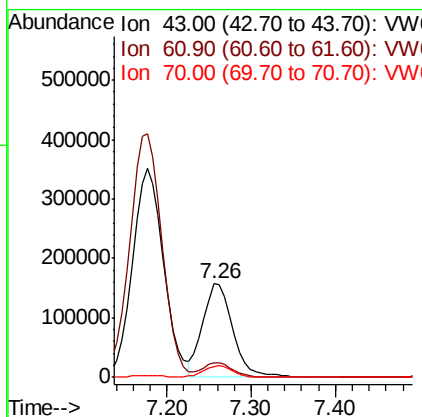
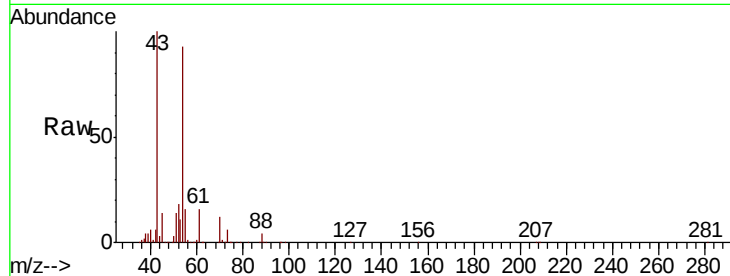
#37  
Ethyl Acetate  
Concen: 152.51 ug/l  
RT: 7.26 min Scan# 878  
Delta R.T. 0.00 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 393418 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 15.2  | 12.3  | 18.5   |
| 70       | 12.0  | 9.5   | 14.3   |

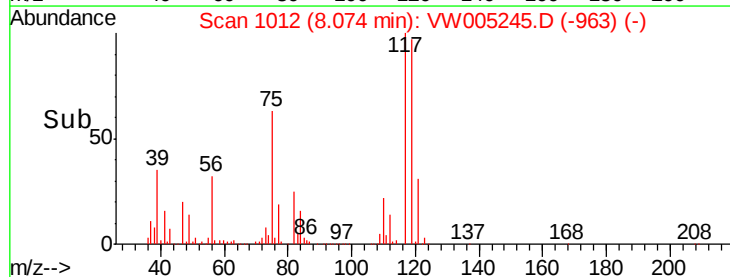
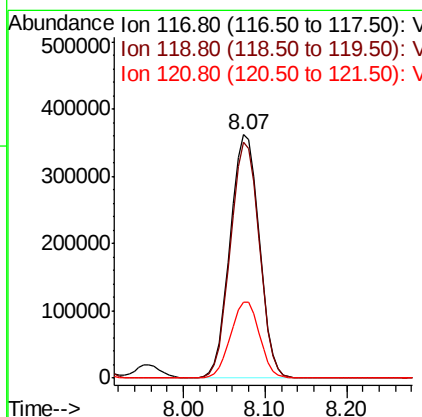
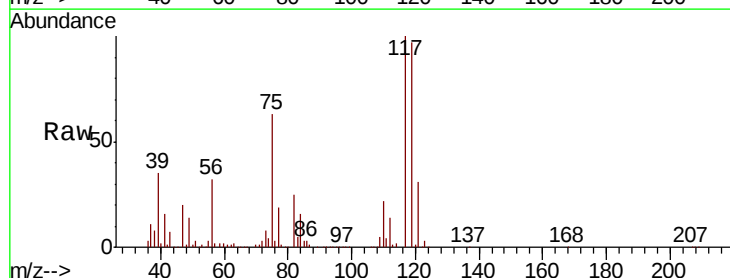
Manual Integrations  
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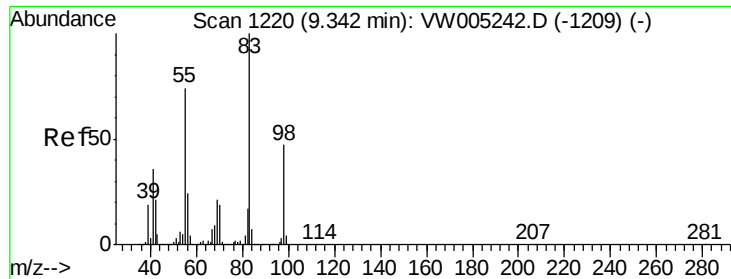
apatel  
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#38  
Carbon Tetrachloride  
Concen: 140.32 ug/l  
RT: 8.07 min Scan# 1012  
Delta R.T. 0.00 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 117   | Resp: | 891418 |
| Ion      | Ratio | Lower | Upper  |
| 117      | 100   |       |        |
| 119      | 96.9  | 77.5  | 116.3  |
| 121      | 31.2  | 24.7  | 37.1   |





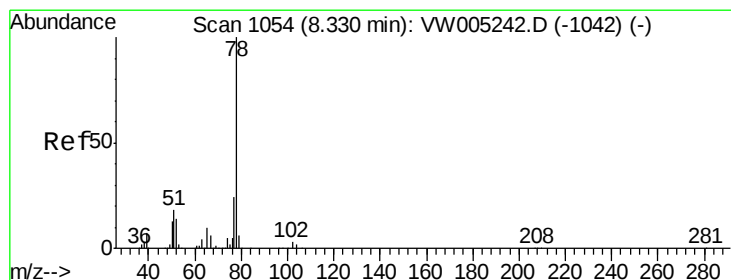
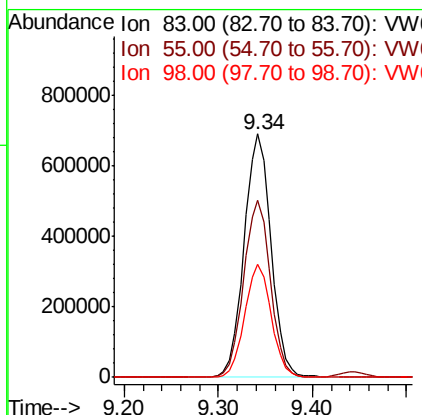
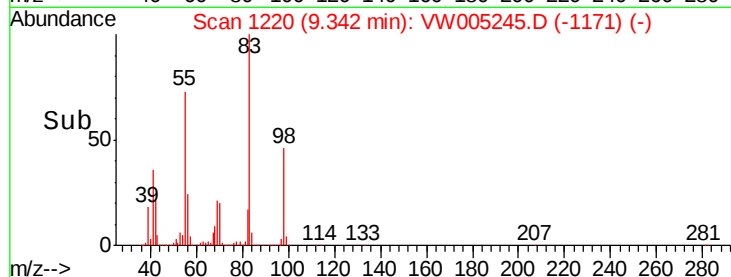
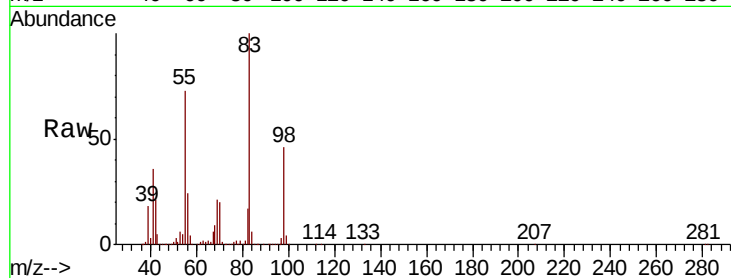
#39  
Methvlcvclohexane  
Concen: 153.63 ug/l  
RT: 9.34 min Scan# 1220  
Delta R.T. 0.00 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 72.9  | 58.9  | 88.3  |
| 98      | 46.5  | 37.6  | 56.4  |

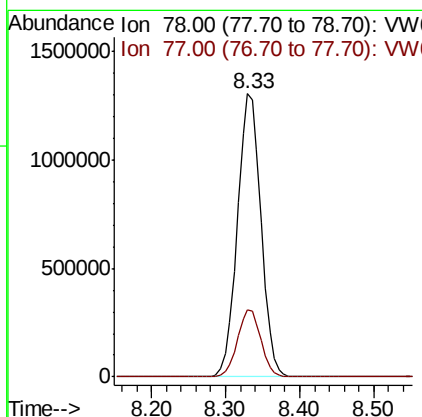
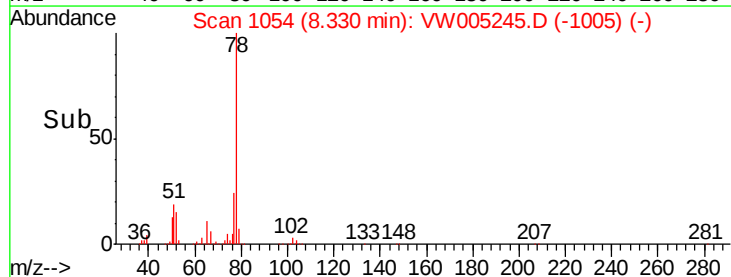
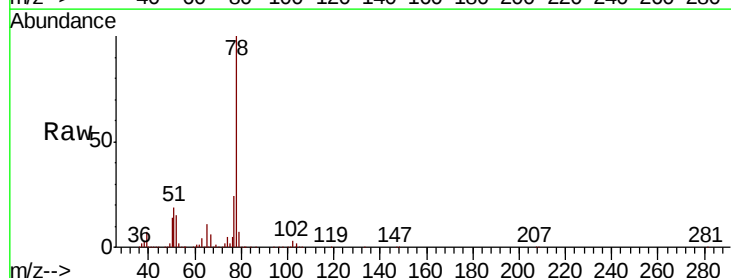
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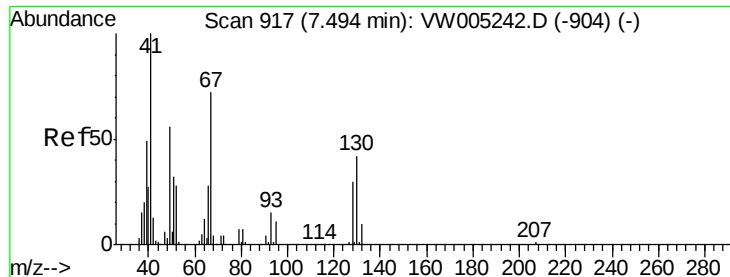
apatel  
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#40  
Benzene  
Concen: 144.81 ug/l  
RT: 8.33 min Scan# 1054  
Delta R.T. 0.00 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.8  | 18.9  | 28.3  |





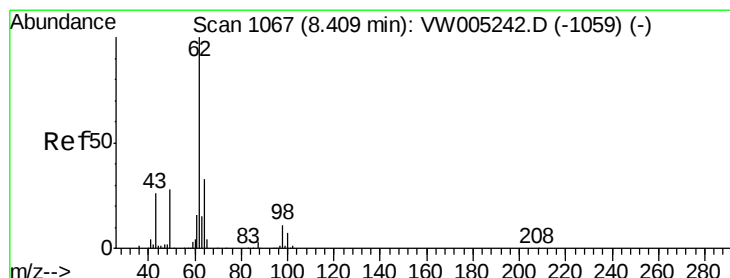
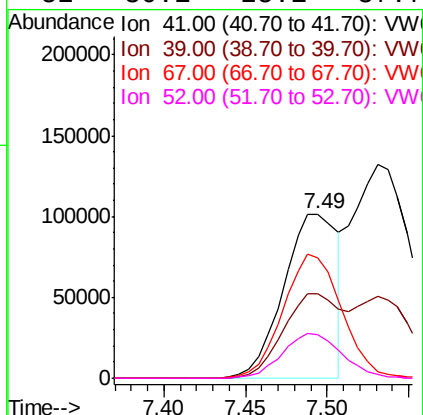
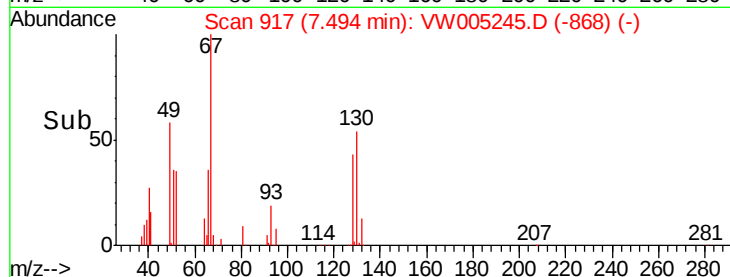
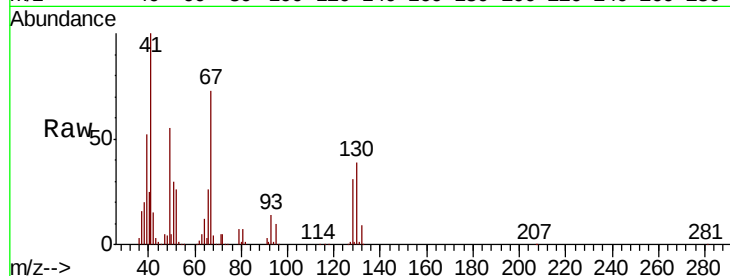
#41  
Methacrylonitrile  
Concen: 175.78 ug/l  
RT: 7.49 min Scan# 917  
Delta R.T. 0.00 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 57.4  | 39.9  | 59.9  |
| 67      | 82.0  | 65.7  | 98.5  |
| 52      | 30.1  | 25.1  | 37.7  |

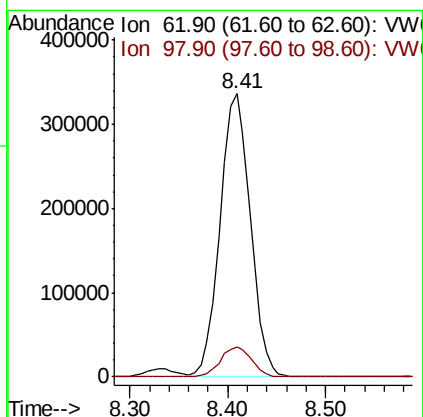
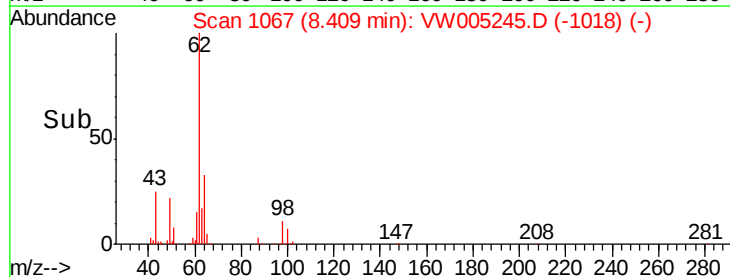
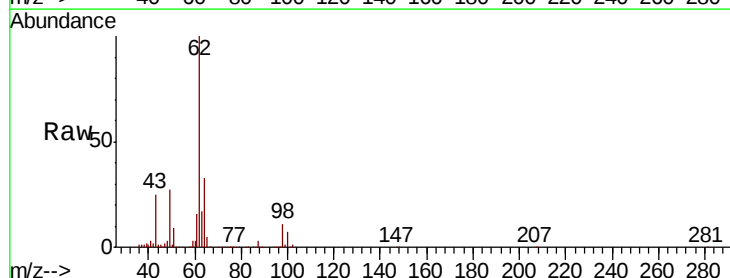
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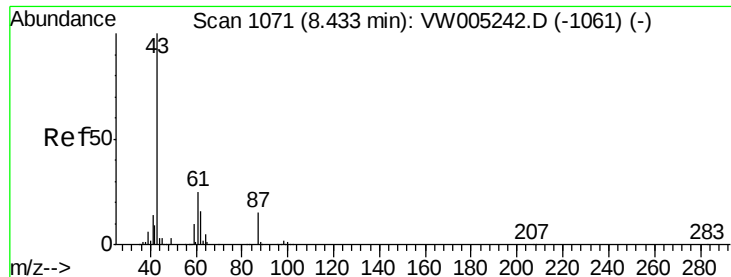
apatel  
9/11/2018 11:09:37 AM



#42  
1,2-Dichloroethane  
Concen: 151.12 ug/l  
RT: 8.41 min Scan# 1067  
Delta R.T. 0.00 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 10.8  | 0.0   | 22.0  |





#43

Isopropyl Acetate

Concen: 159.26 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA\_W

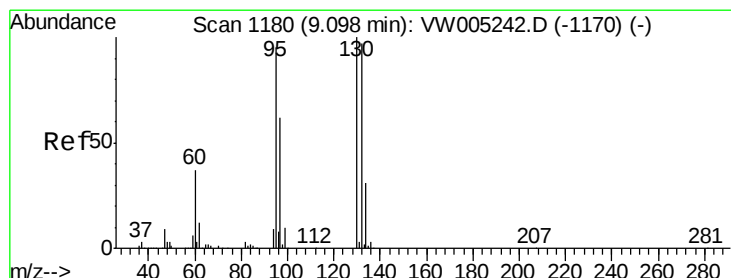
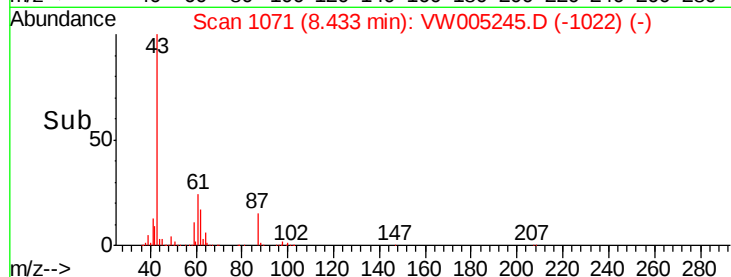
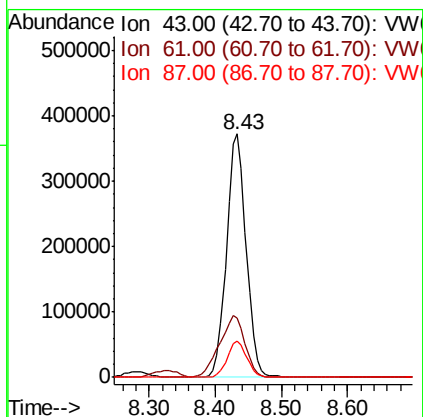
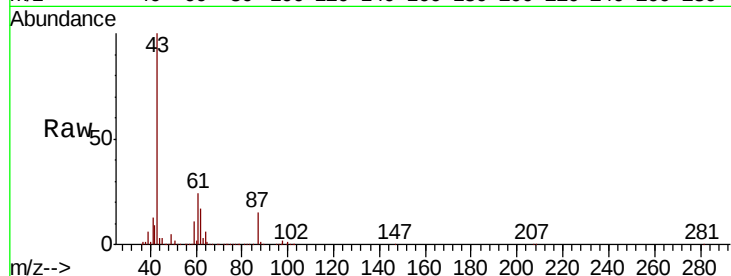
ClientSampleId :

VSTDIC150

| Tot Ion | 43    | Resp  | 762899 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 43      | 100   |       |        |
| 61      | 32.8  | 25.4  | 38.0   |
| 87      | 14.9  | 11.9  | 17.9   |

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#44

Trichloroethene

Concen: 140.45 ug/l

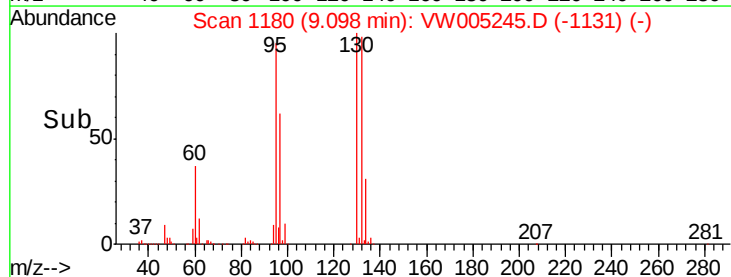
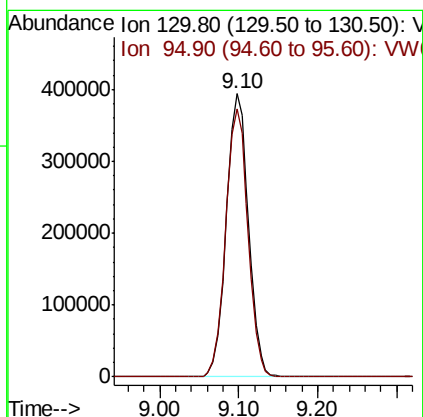
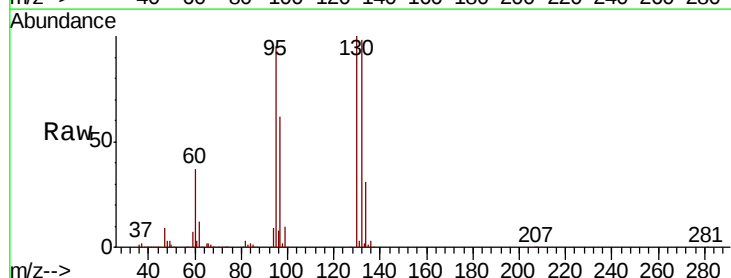
RT: 9.10 min Scan# 1180

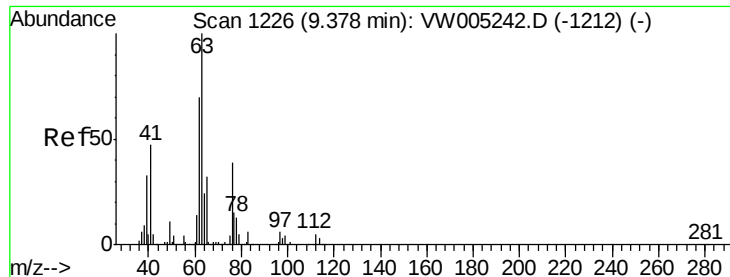
Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

| Tgt Ion | 130   | Resp  | 769875 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 130     | 100   |       |        |
| 95      | 94.7  | 0.0   | 189.6  |





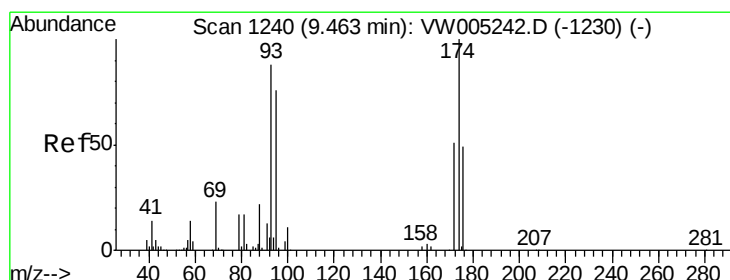
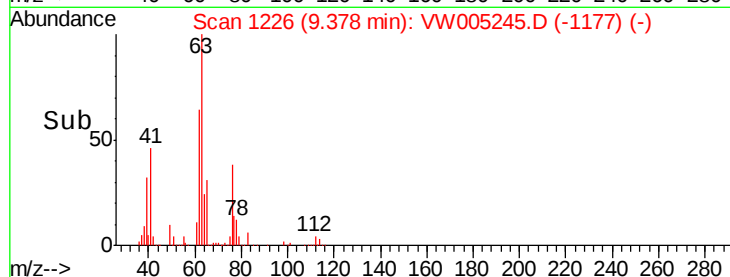
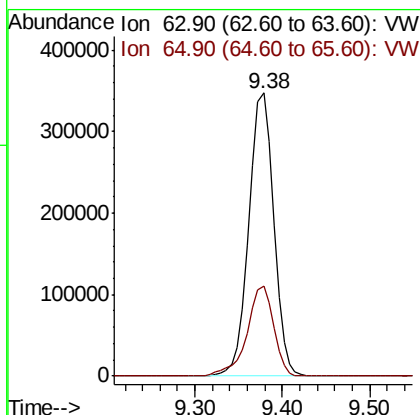
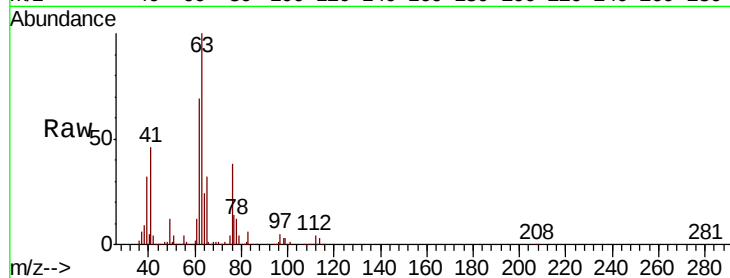
#45  
 1,2-Dichloropropane  
 Concen: 143.52 ug/l  
 RT: 9.38 min Scan# 1226  
 Delta R.T. 0.00 min  
 Lab File: VW005245.D  
 Acq: 10 Sep 2018 16:39

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 31.7  | 25.4  | 38.2  |

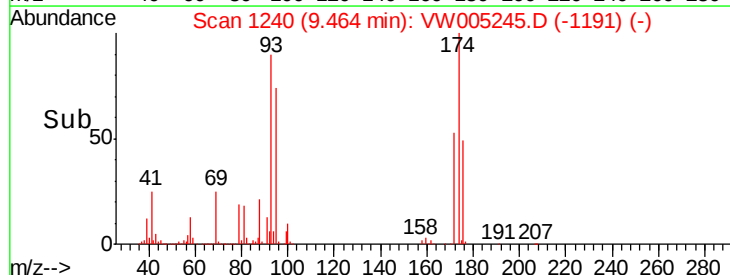
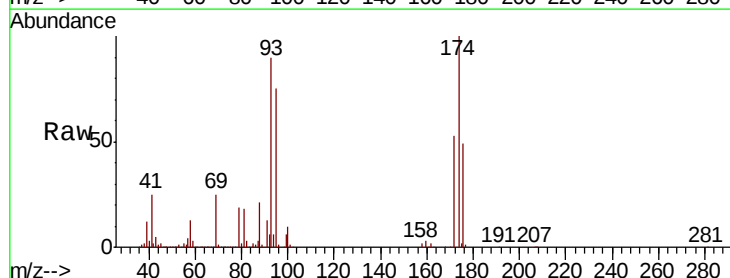
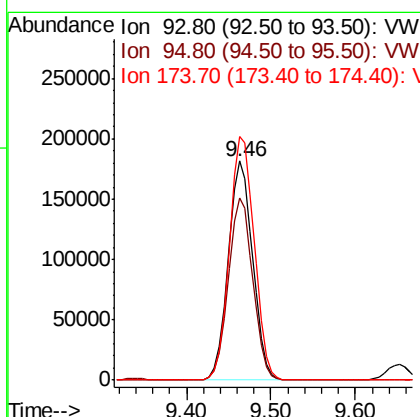
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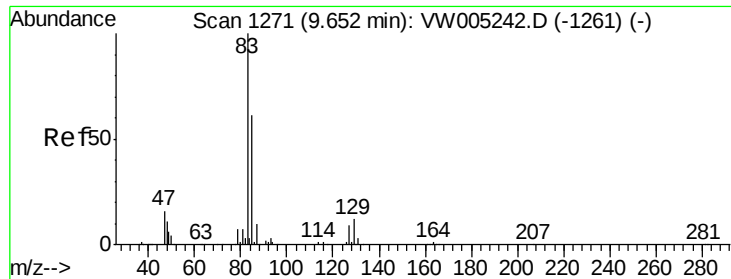
apatel  
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#46  
 Dibromomethane  
 Concen: 151.55 ug/l  
 RT: 9.46 min Scan# 1240  
 Delta R.T. 0.00 min  
 Lab File: VW005245.D  
 Acq: 10 Sep 2018 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 83.4  | 67.0  | 100.4 |
| 174     | 113.0 | 92.2  | 138.2 |





#47

Bromodichloromethane

Concen: 150.33 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA\_W

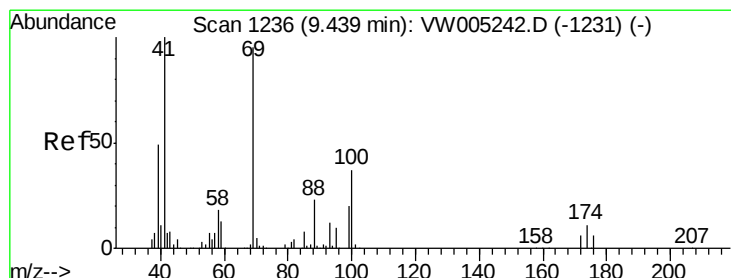
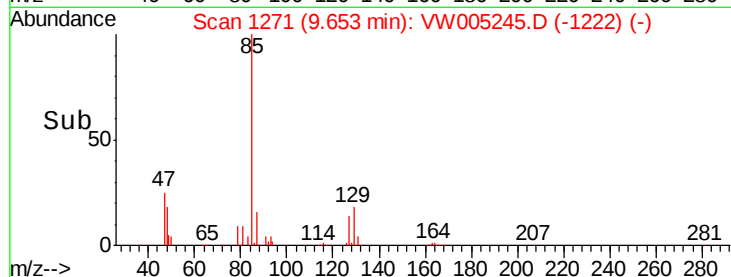
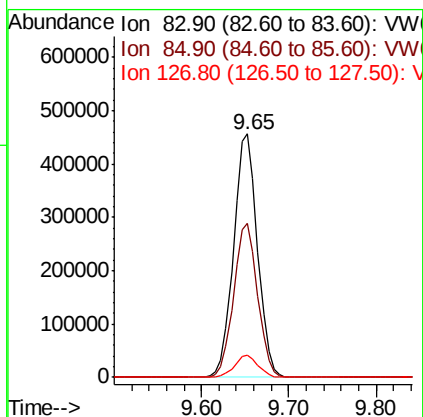
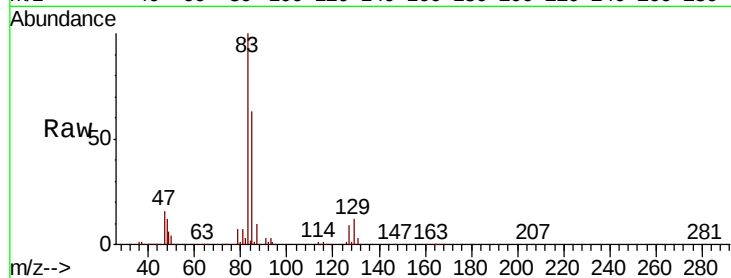
ClientSampleId :

VSTDIC150

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 83    | Resp: | 864494 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 63.3  | 49.0  | 73.6   |
| 127      | 9.0   | 7.0   | 10.4   |

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#48

Methyl methacrylate

Concen: 164.00 ug/l

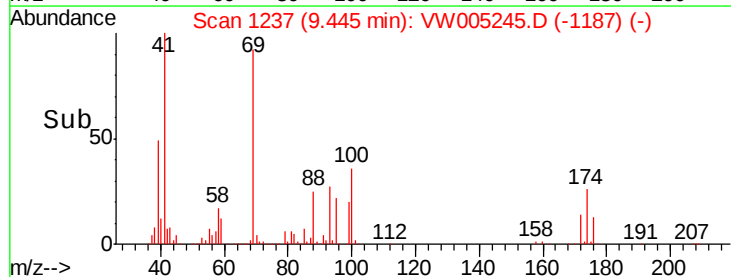
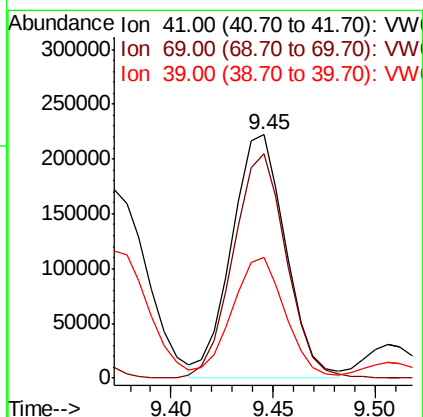
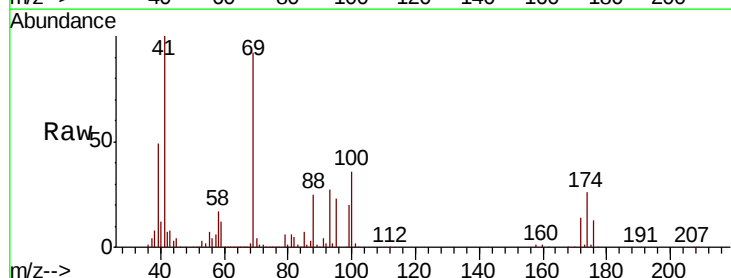
RT: 9.45 min Scan# 1237

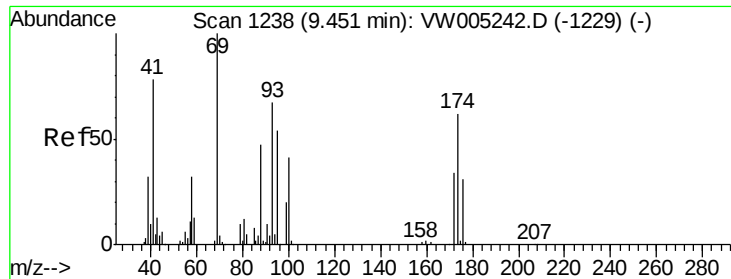
Delta R.T. 0.01 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 407910 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 69       | 91.2  | 74.6  | 112.0  |
| 39       | 46.2  | 36.7  | 55.1   |





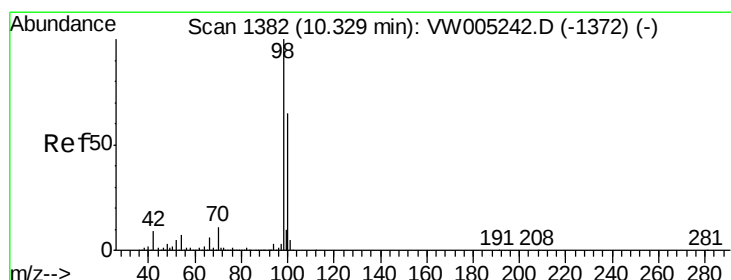
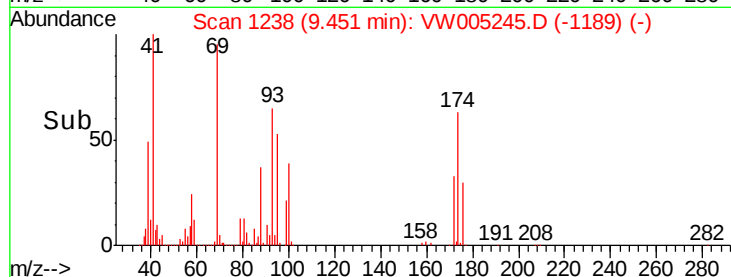
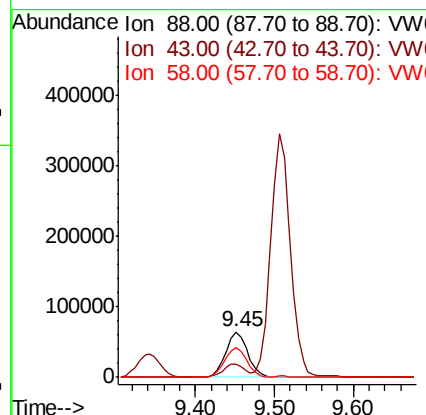
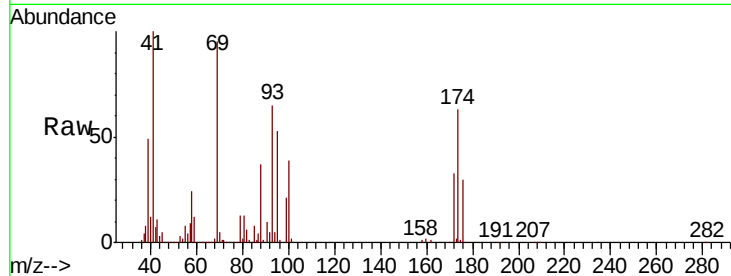
#49  
1,4-Dioxane  
Concen: 2829.07 ug/l  
RT: 9.45 min Scan# 1238  
Delta R.T. 0.00 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDICC150

| Tot Ion   | 88    | Resp  | 124168 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 88        | 100   |       |        |
| 43        | 28.1  | 22.7  | 34.1   |
| 58        | 66.8  | 56.6  | 85.0   |

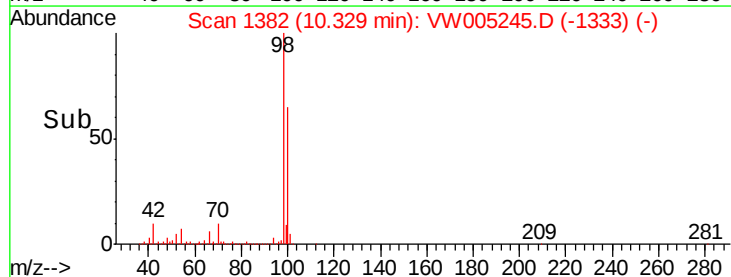
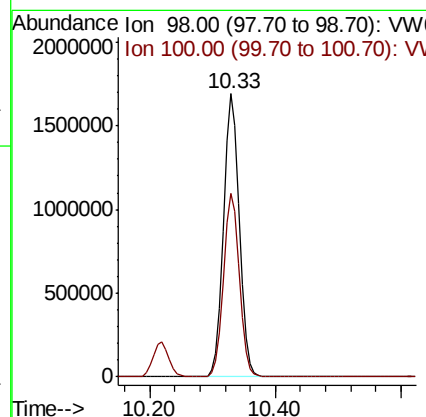
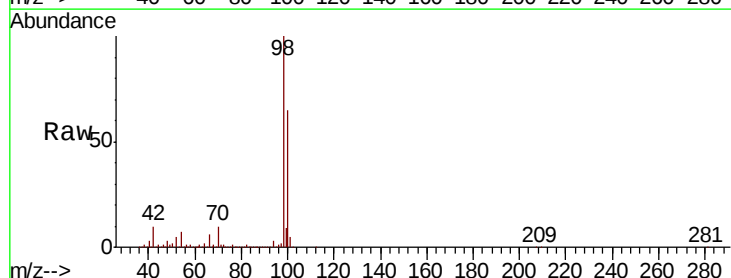
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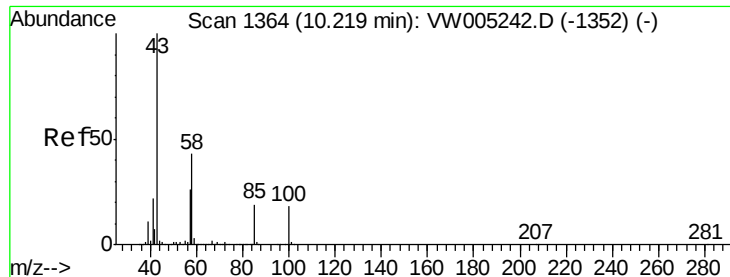
apatel  
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#50  
Toluene-d8  
Concen: 149.69 ug/l  
RT: 10.33 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

| Tgt Ion   | 98    | Resp  | 2933041 |
|-----------|-------|-------|---------|
| Ion Ratio | Lower | Upper |         |
| 98        | 100   |       |         |
| 100       | 65.2  | 52.0  | 78.0    |





#51

4-Methyl-2-Pentanone

Concen: 774.96 ug/l

RT: 10.22 min Scan# 1364

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 2089093

Ion Ratio Lower Upper

43 100

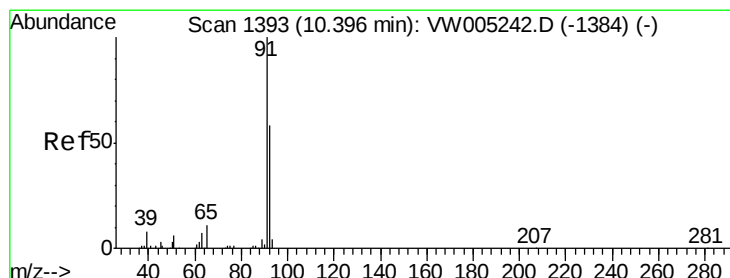
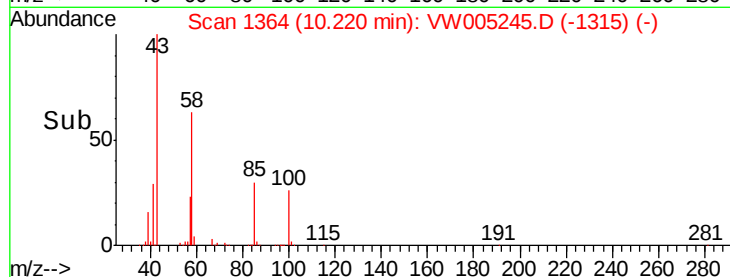
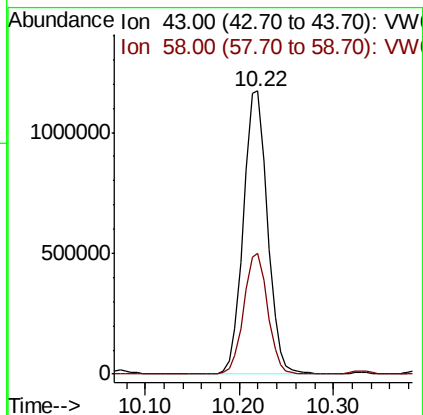
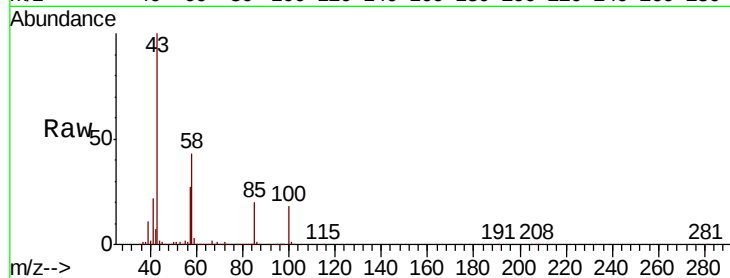
58 42.2 33.8 50.6

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#52

Toluene

Concen: 144.42 ug/l

RT: 10.40 min Scan# 1393

Delta R.T. 0.00 min

Lab File: VW005245.D

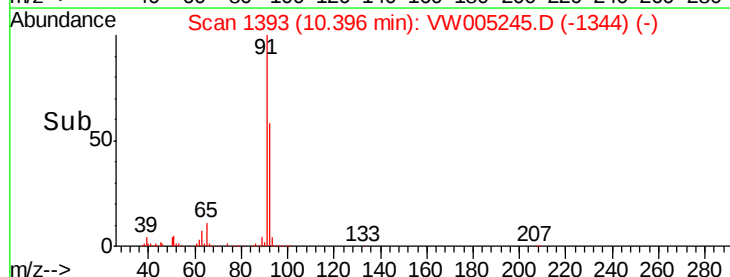
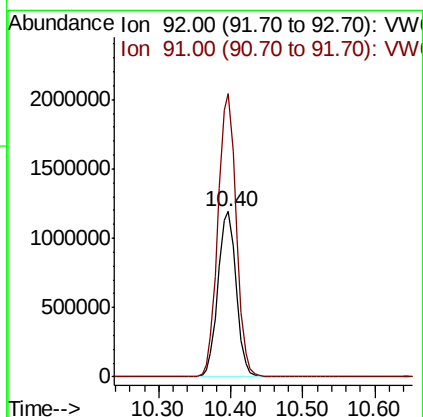
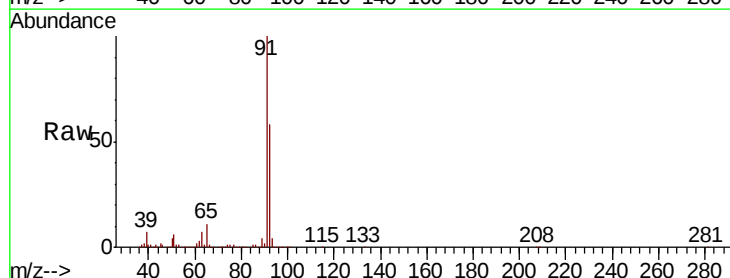
Acq: 10 Sep 2018 16:39

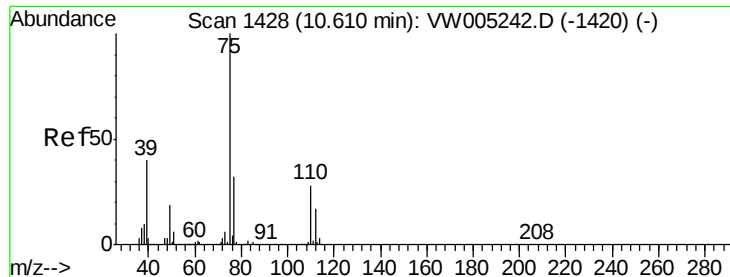
Tgt Ion: 92 Resp: 2097230

Ion Ratio Lower Upper

92 100

91 171.4 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 153.20 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 952129

Ion Ratio Lower Upper

75 100

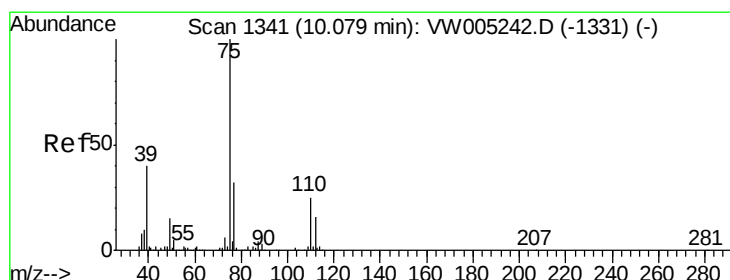
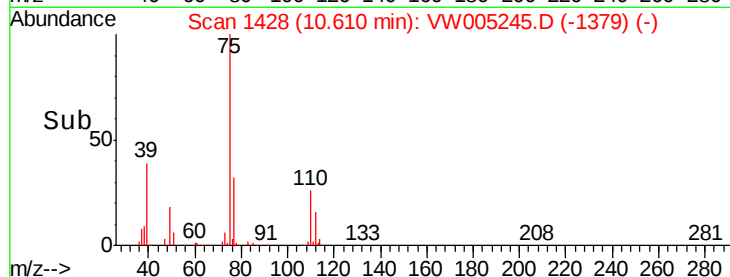
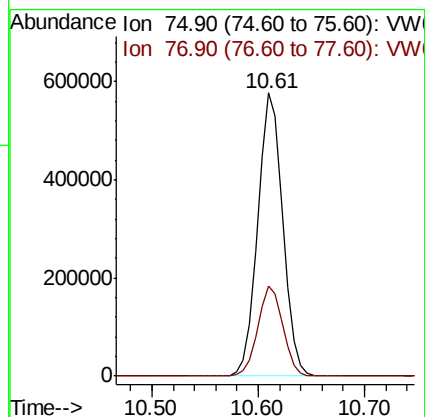
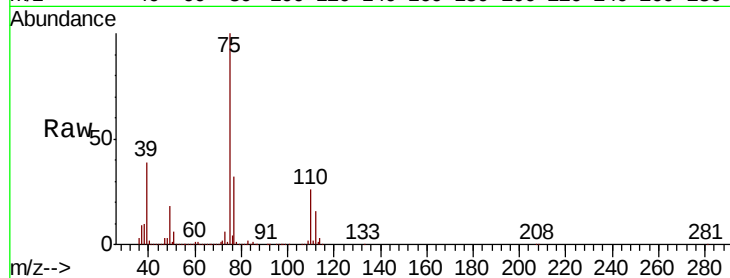
77 32.0 25.8 38.8

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#54

cis-1,3-Dichloropropene

Concen: 150.49 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

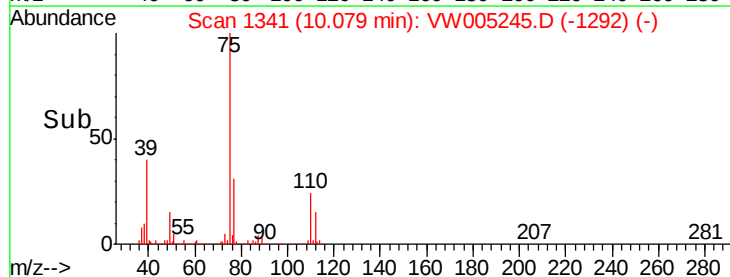
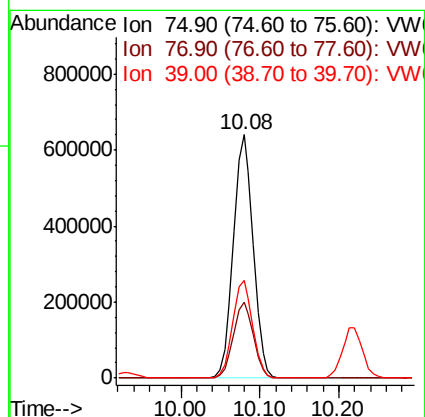
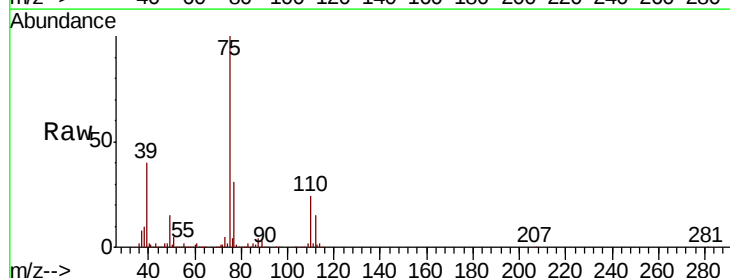
Tgt Ion: 75 Resp: 1119995

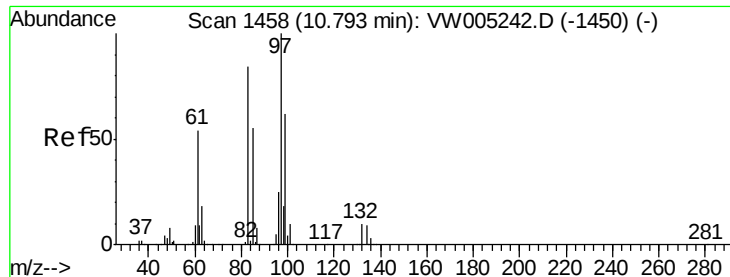
Ion Ratio Lower Upper

75 100

77 31.4 25.5 38.3

39 39.9 31.8 47.6





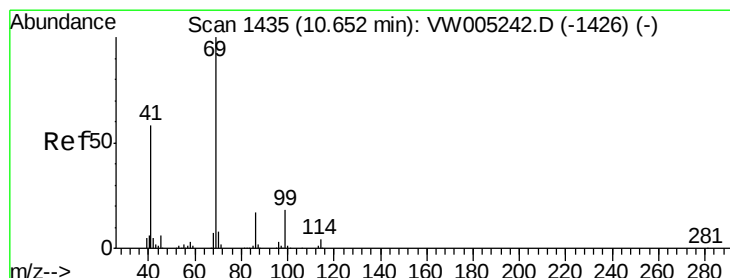
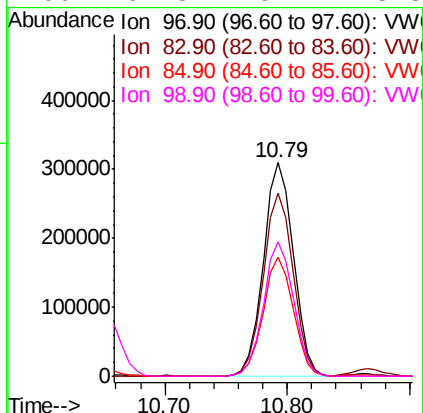
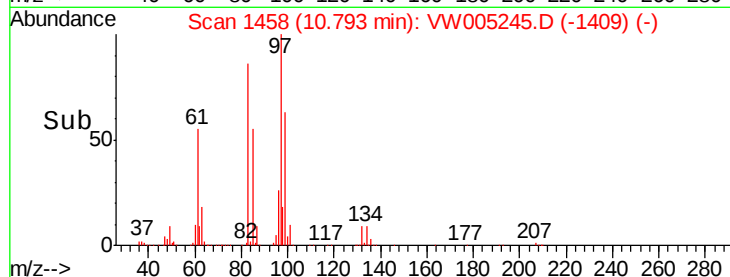
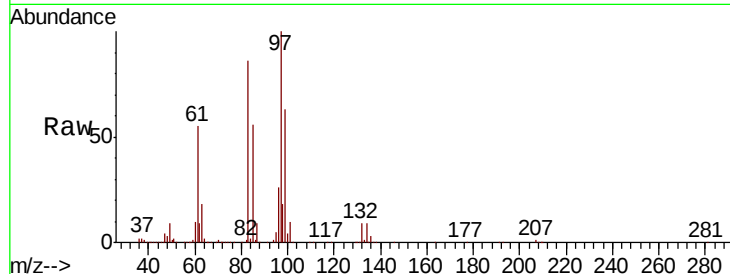
#55  
 1,1,2-Trichloroethane  
 Concen: 142.04 ug/l  
 RT: 10.79 min Scan# 1458  
 Delta R.T. 0.00 min  
 Lab File: VW005245.D  
 Acq: 10 Sep 2018 16:39

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDIC150

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 532394 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 85.9  | 67.2  | 100.8  |
| 85       | 55.5  | 44.4  | 66.6   |
| 99       | 62.8  | 49.2  | 73.8   |

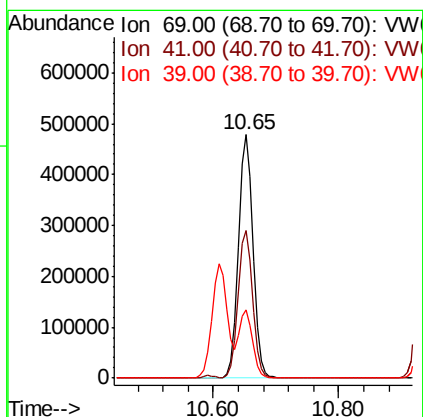
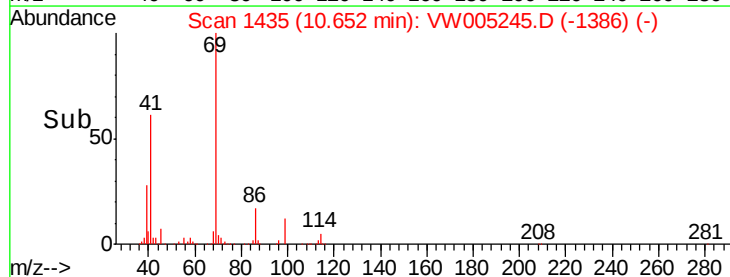
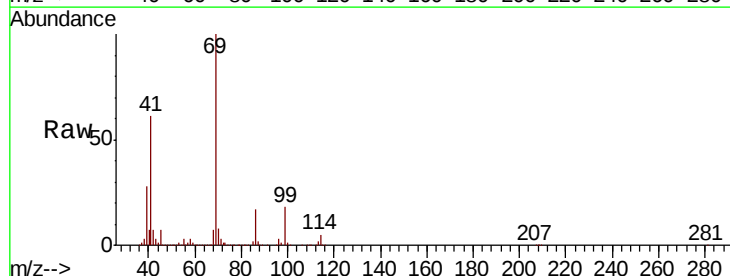
Manual Integrations  
 APPROVED

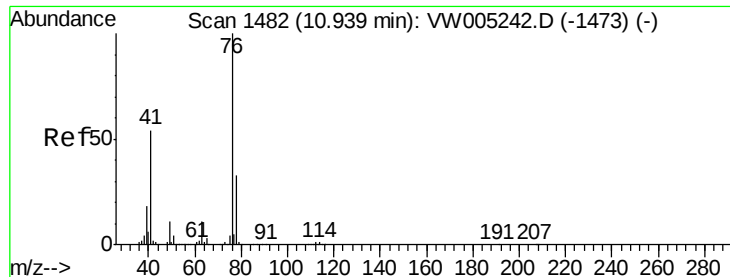
apatel  
 9/11/2018 11:09:37 AM



#56  
 Ethyl methacrylate  
 Concen: 161.37 ug/l  
 RT: 10.65 min Scan# 1435  
 Delta R.T. 0.00 min  
 Lab File: VW005245.D  
 Acq: 10 Sep 2018 16:39

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 766800 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 60.6  | 48.7  | 73.1   |
| 39       | 25.9  | 20.9  | 31.3   |





#57

1,3-Dichloropropane

Concen: 144.63 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA\_W

ClientSampled :

VSTDIC150

Tot Ion: 76 Resp: 900206

Ion Ratio Lower Upper

76 100

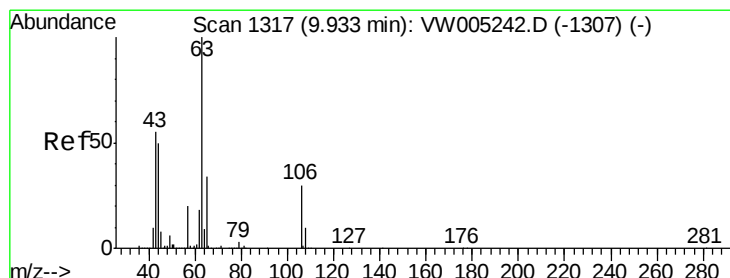
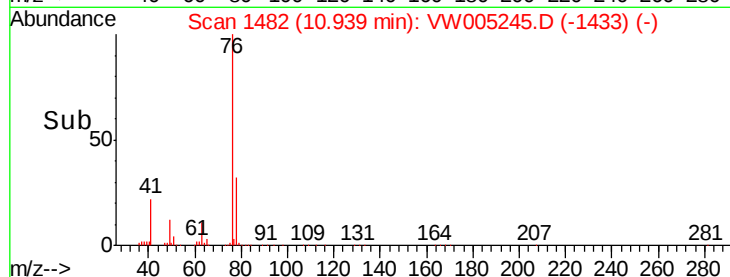
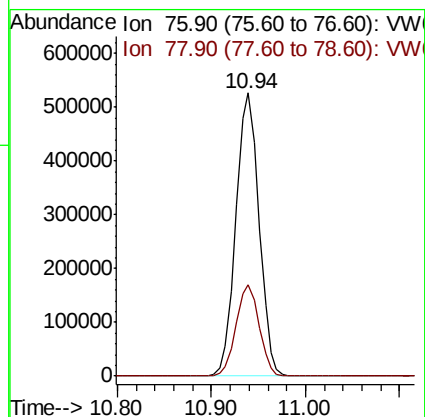
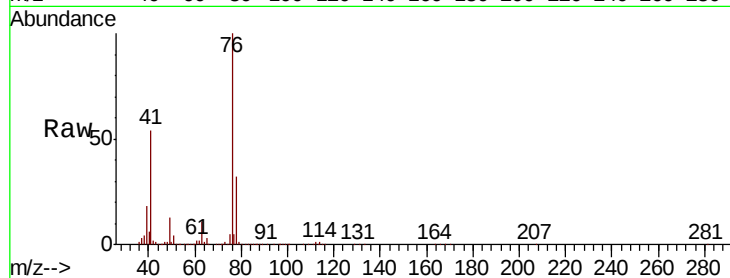
78 32.2 26.0 39.0

Manual Integrations

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#58

2-Chloroethyl Vinyl ether

Concen: 800.38 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. 0.00 min

Lab File: VW005245.D

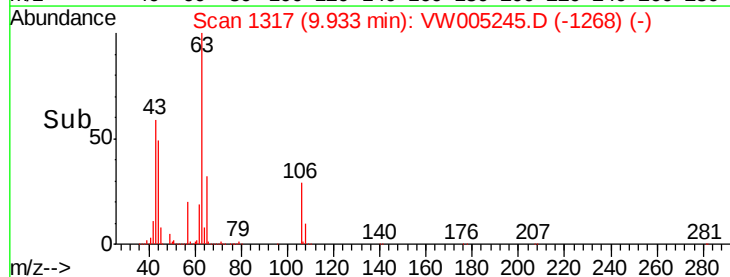
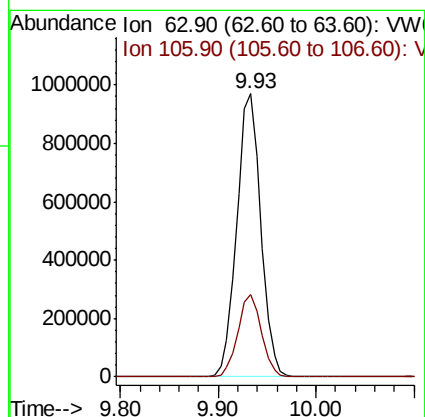
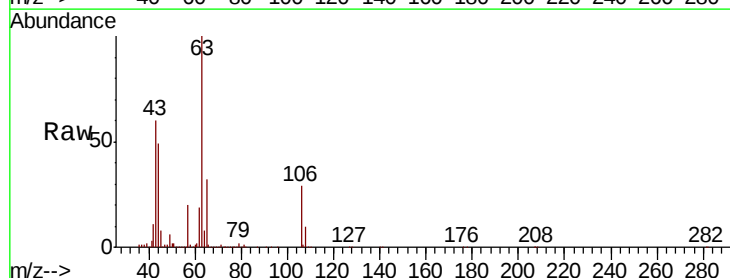
Acq: 10 Sep 2018 16:39

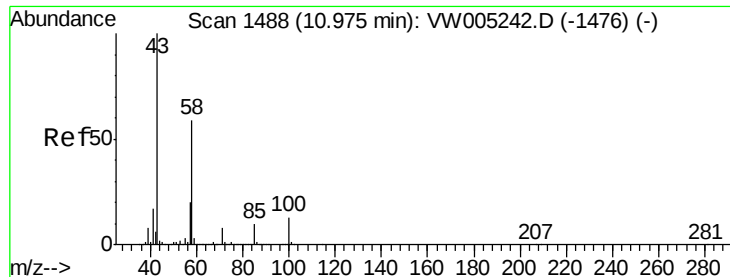
Tgt Ion: 63 Resp: 1653059

Ion Ratio Lower Upper

63 100

106 28.7 23.4 35.0





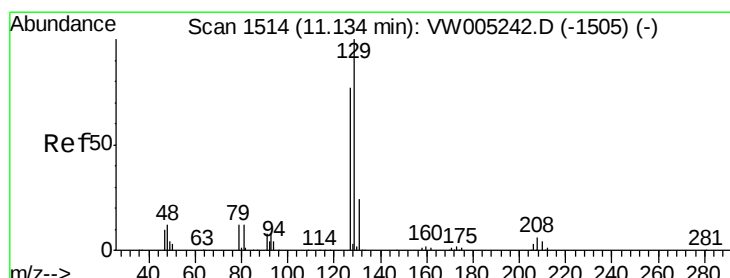
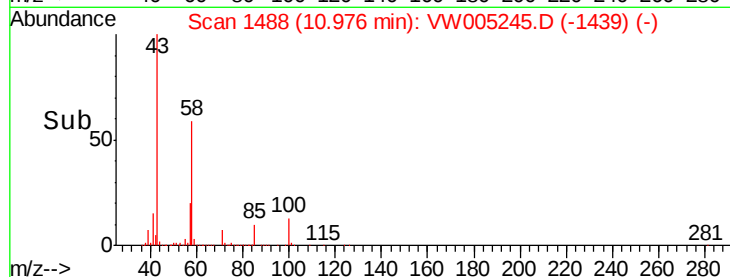
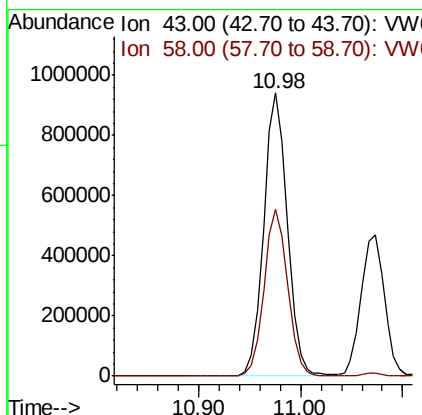
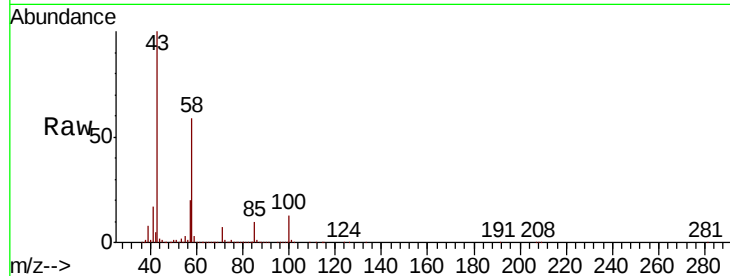
#59  
2-Hexanone  
Concen: 778.83 ug/l  
RT: 10.98 min Scan# 1488  
Delta R.T. 0.00 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC150

Tot Ion: 43 Resp: 1513584  
Ion Ratio Lower Upper  
43 100  
58 58.8 29.3 87.9

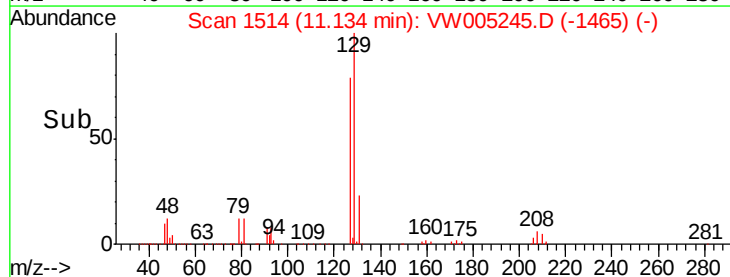
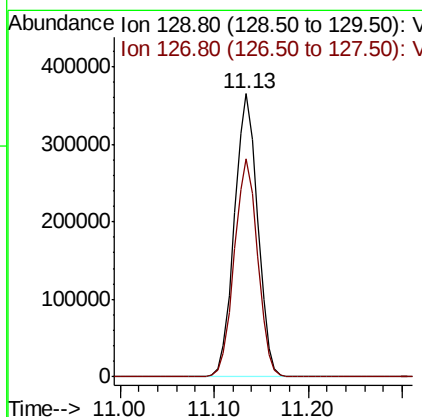
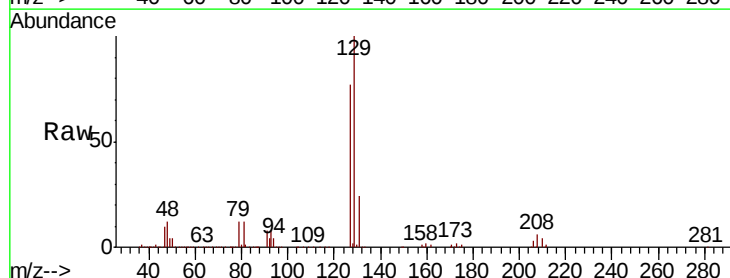
Manual Integrations  
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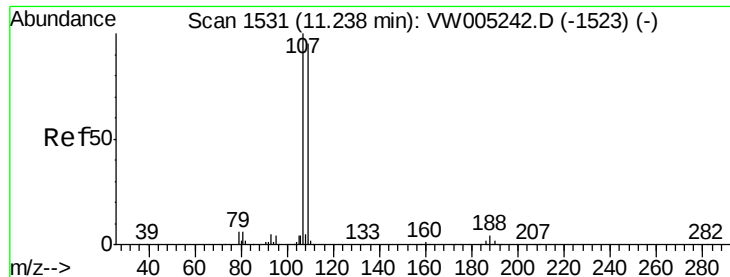
apatel  
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#60  
Dibromochloromethane  
Concen: 150.36 ug/l  
RT: 11.13 min Scan# 1514  
Delta R.T. 0.00 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

Tgt Ion: 129 Resp: 625348  
Ion Ratio Lower Upper  
129 100  
127 77.2 39.0 117.0





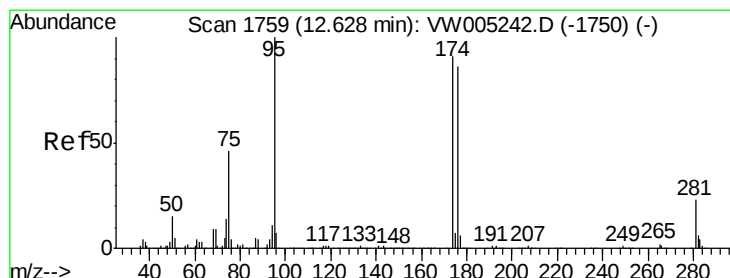
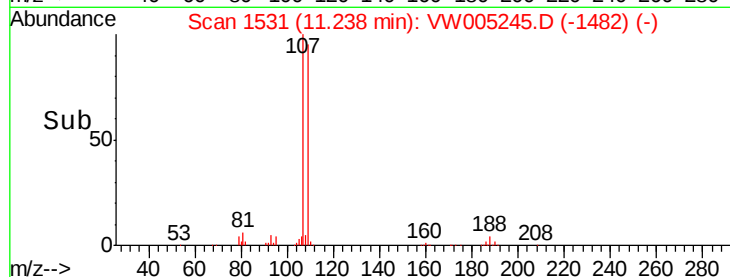
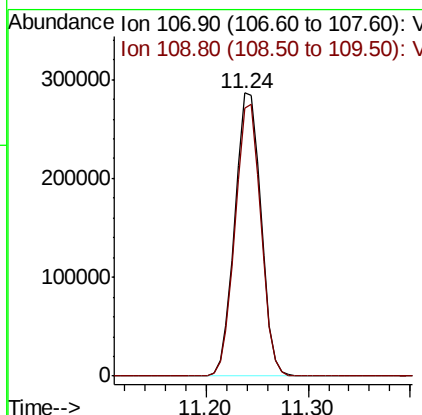
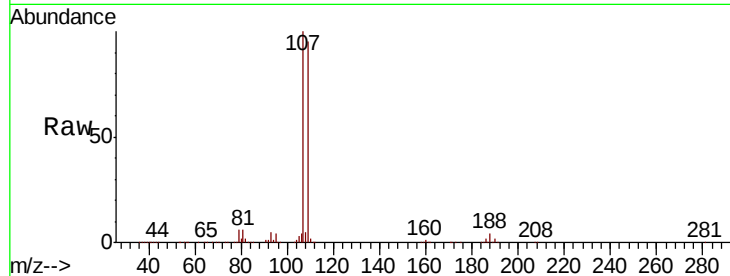
#61  
 1,2-Dibromoethane  
 Concen: 147.29 ug/l  
 RT: 11.24 min Scan# 1531  
 Delta R.T. 0.00 min  
 Lab File: VW005245.D  
 Acq: 10 Sep 2018 16:39

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 107     | 100   |       |       |
| 109     | 94.9  | 75.7  | 113.5 |

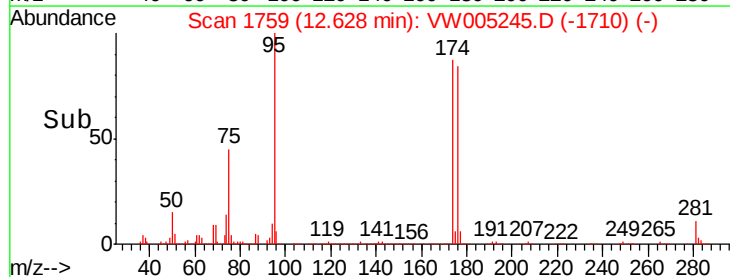
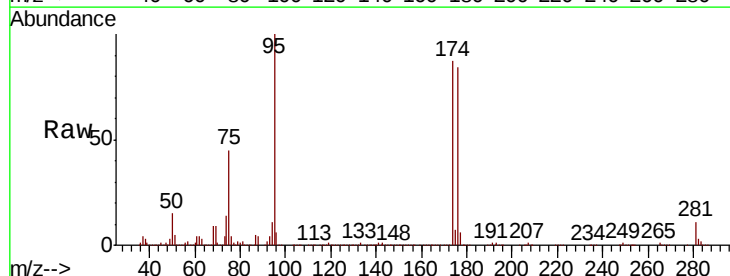
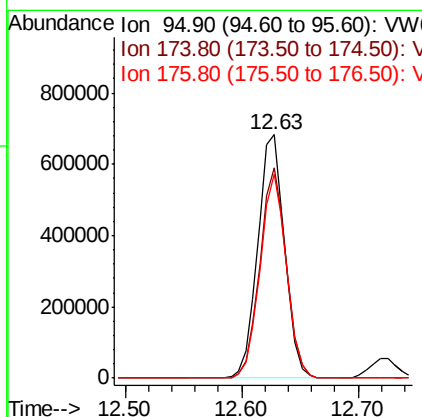
Manual Integrations  
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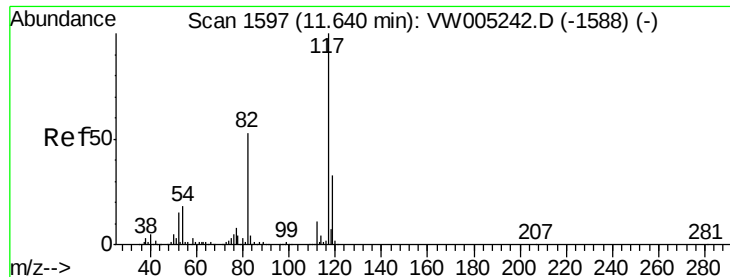
apatel  
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#62  
 4-Bromofluorobenzene  
 Concen: 152.86 ug/l  
 RT: 12.63 min Scan# 1759  
 Delta R.T. 0.00 min  
 Lab File: VW005245.D  
 Acq: 10 Sep 2018 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 95      | 100   |       |       |
| 174     | 85.0  | 0.0   | 174.6 |
| 176     | 82.1  | 0.0   | 167.6 |





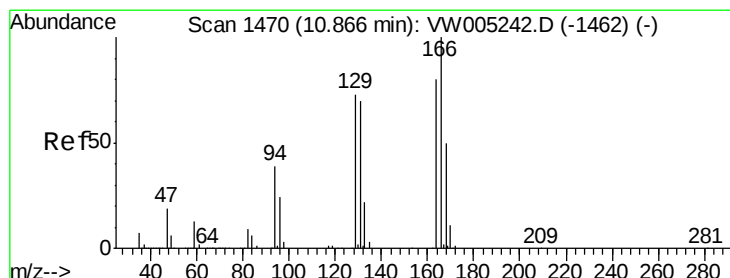
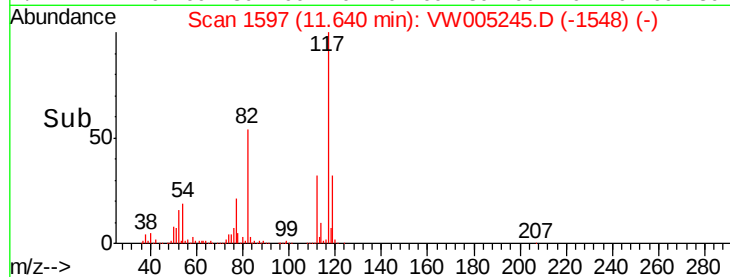
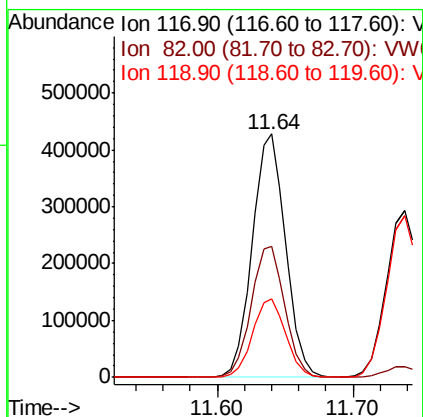
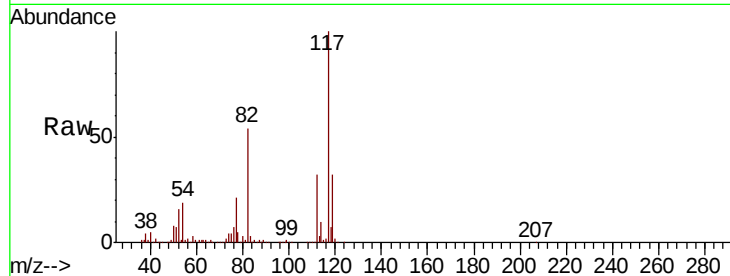
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.64 min Scan# 1597  
Delta R.T. 0.00 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 53.7  | 42.6  | 63.8  |
| 119     | 32.1  | 26.2  | 39.4  |

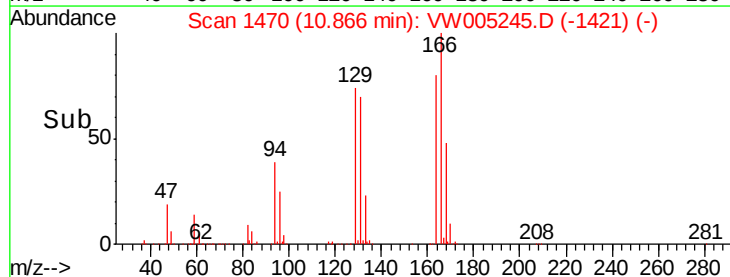
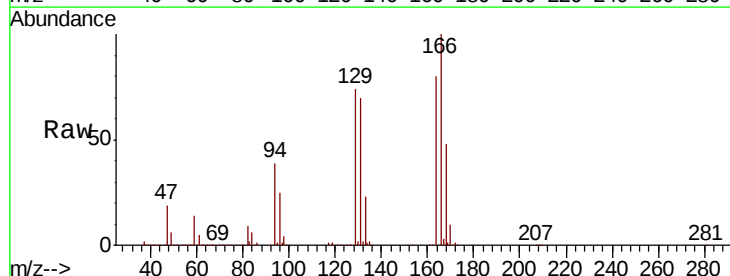
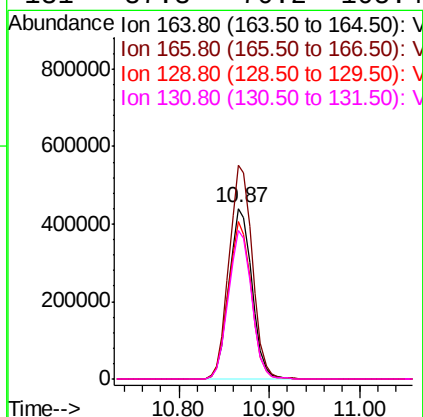
Manual Integrations  
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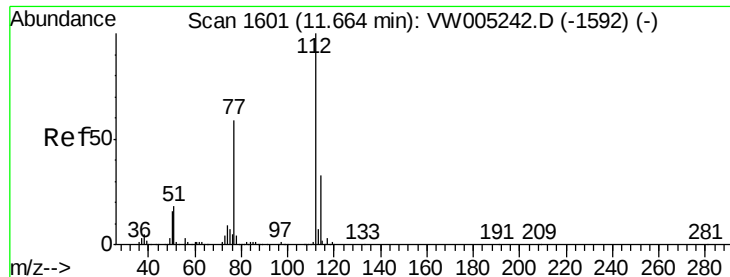
apatel  
9/11/2018 11:09:37 AM



#64  
Tetrachloroethene  
Concen: 142.98 ug/l  
RT: 10.87 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 125.3 | 100.2 | 150.2 |
| 129     | 92.1  | 73.2  | 109.8 |
| 131     | 87.3  | 70.2  | 105.4 |





#65

Chlorobenzene

Concen: 144.51 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC150

Tot Ion:112 Resp: 2320368

Ion Ratio Lower Upper

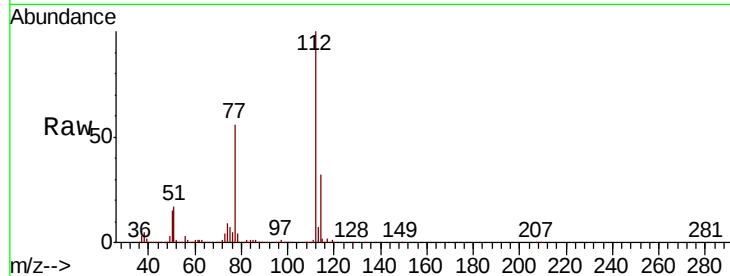
112 100

114 32.3 26.2 39.4

Manual Integrations  
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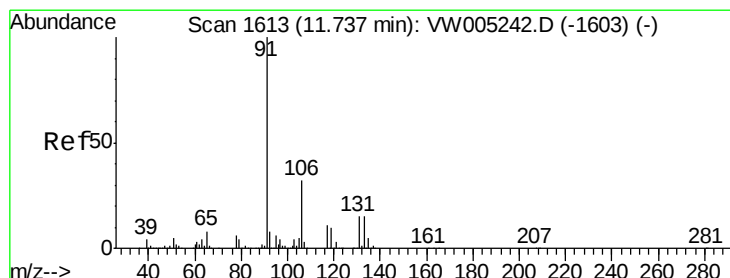
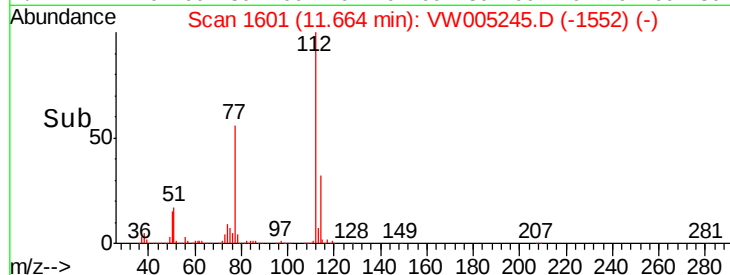
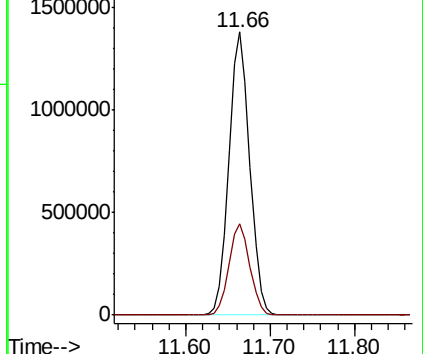
apatel

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Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 149.41 ug/l

RT: 11.74 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

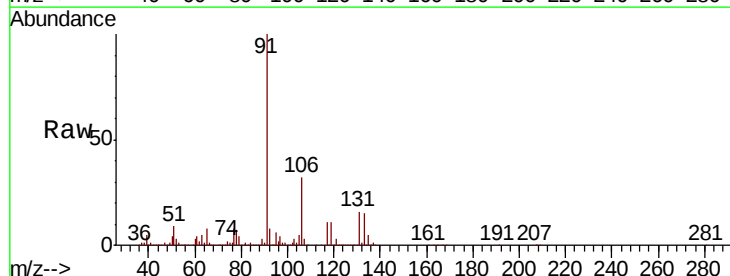
Tgt Ion:131 Resp: 716321

Ion Ratio Lower Upper

131 100

133 95.2 48.1 144.3

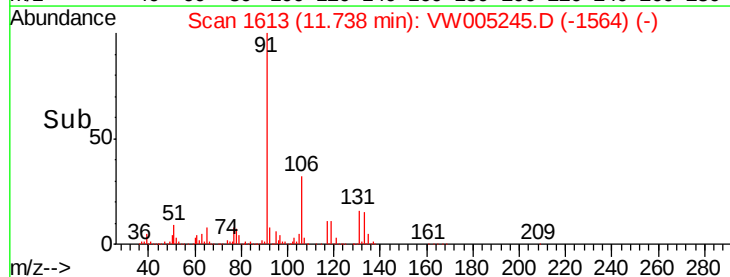
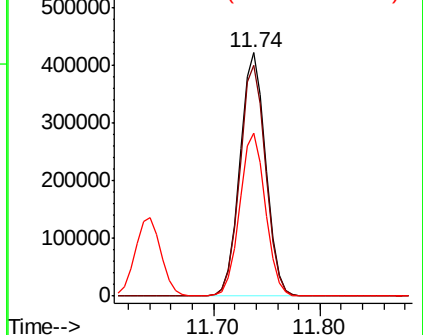
119 67.0 33.4 100.1

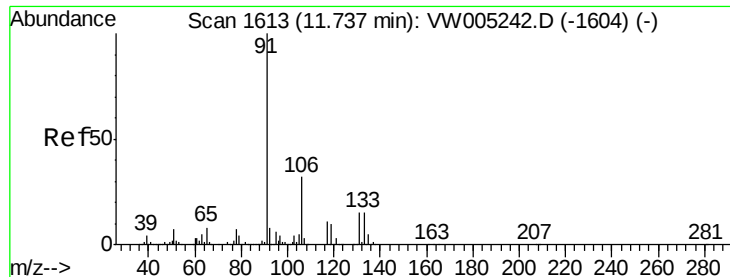


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





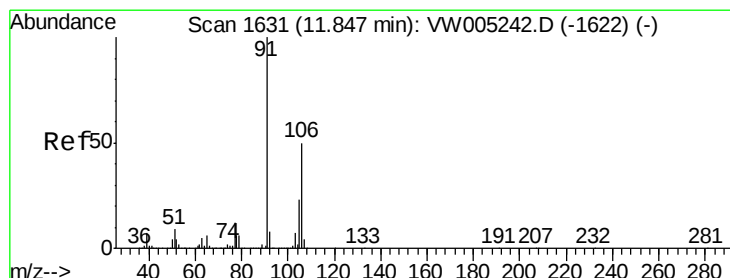
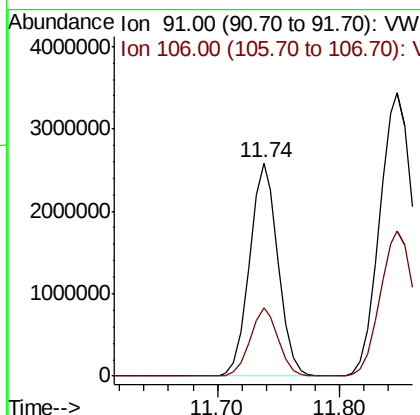
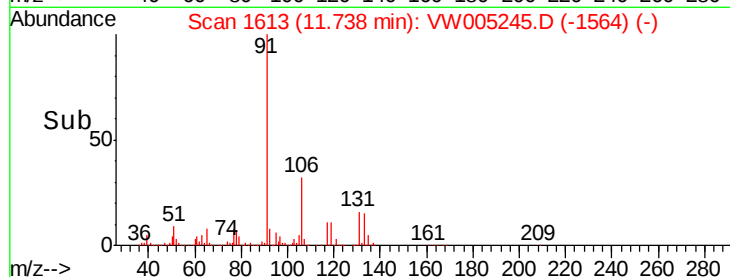
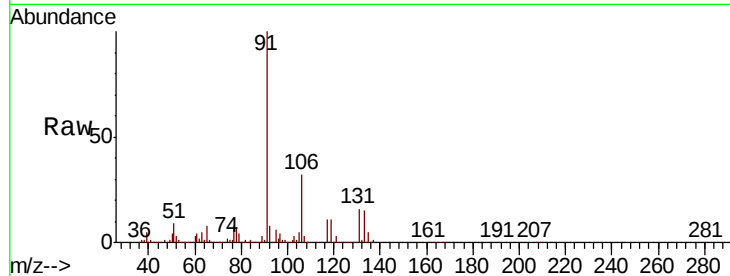
#67  
Ethyl Benzene  
Concen: 149.21 ug/l  
RT: 11.74 min Scan# 1613  
Delta R.T. 0.00 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

Tot Ion: 91 Resp: 4172401  
Ion Ratio Lower Upper  
91 100  
106 32.1 25.6 38.4

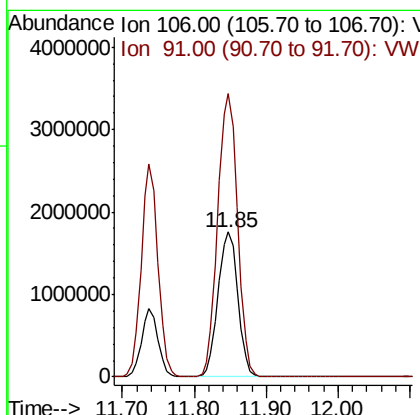
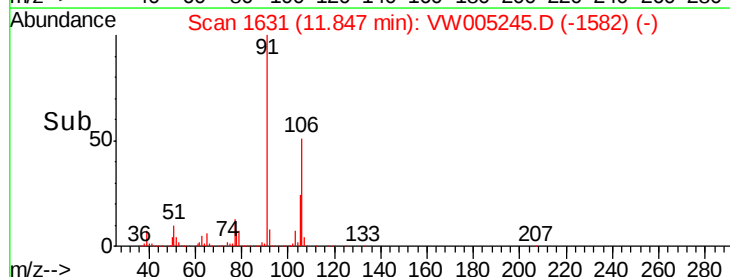
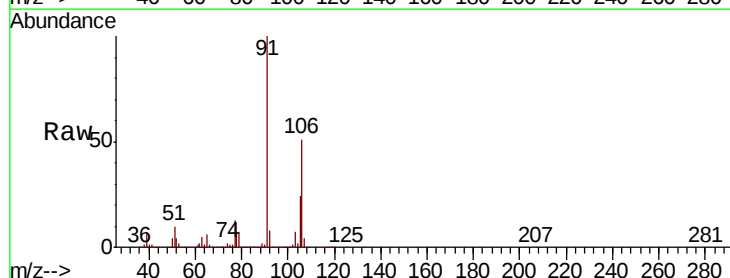
Manual Integrations  
APPROVED

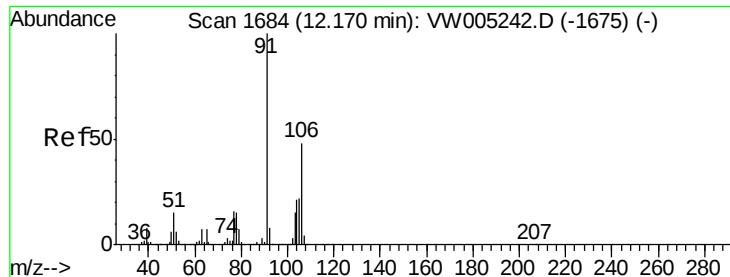
apatel  
9/11/2018 11:09:37 AM



#68  
m/p-Xylenes  
Concen: 297.86 ug/l  
RT: 11.85 min Scan# 1631  
Delta R.T. 0.00 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

Tgt Ion: 106 Resp: 3356377  
Ion Ratio Lower Upper  
106 100  
91 195.8 160.2 240.2





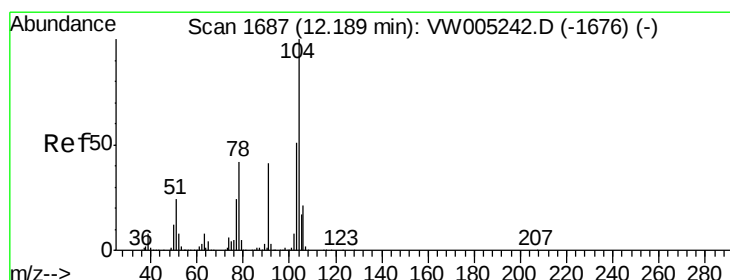
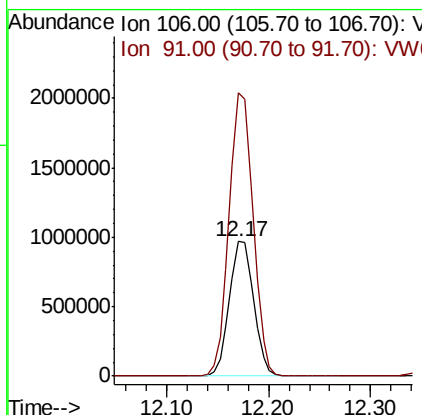
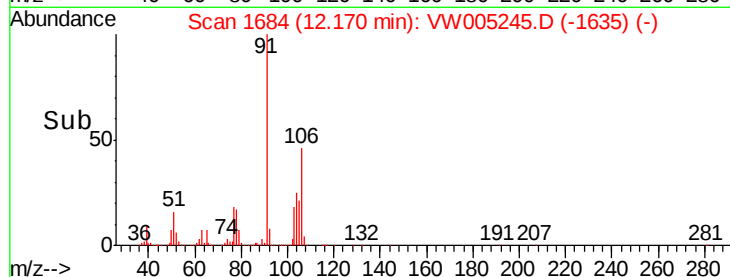
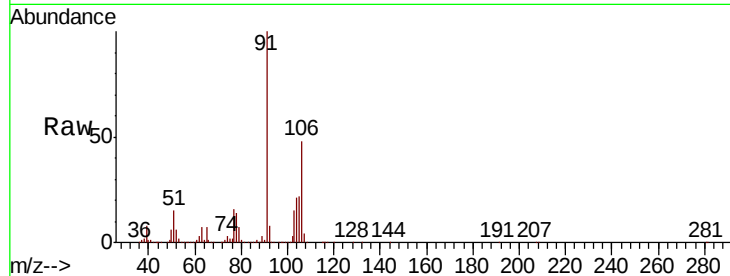
#69  
o-Xylene  
Concen: 152.22 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. 0.00 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

Tot Ion:106 Resp: 1595854  
Ion Ratio Lower Upper  
106 100  
91 208.2 104.1 312.3

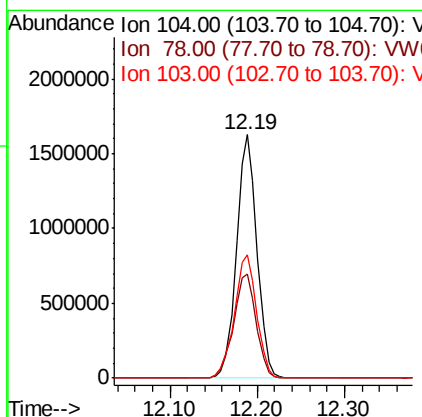
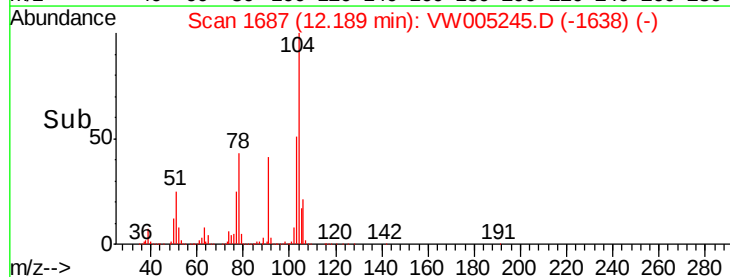
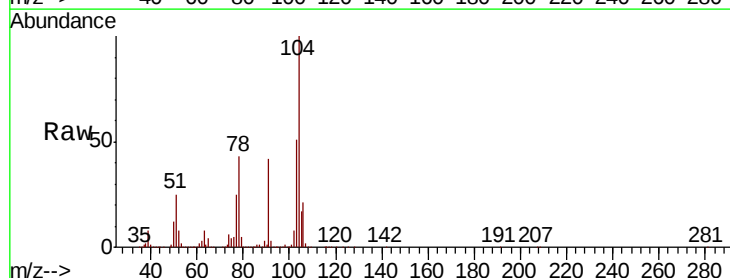
Manual Integrations  
APPROVED

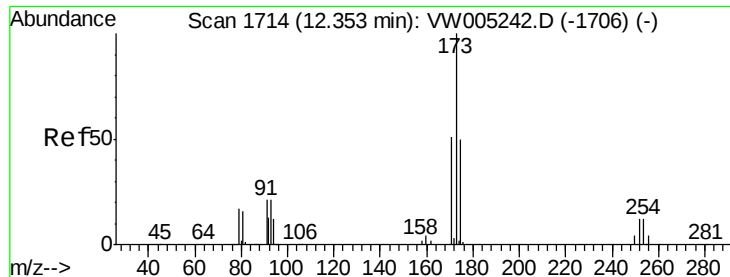
apatel  
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#70  
Styrene  
Concen: 154.13 ug/l  
RT: 12.19 min Scan# 1687  
Delta R.T. 0.00 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

Tgt Ion:104 Resp: 2636653  
Ion Ratio Lower Upper  
104 100  
78 47.6 37.4 56.2  
103 55.4 44.1 66.1





#71

Bromoform

Concen: 156.06 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA\_W

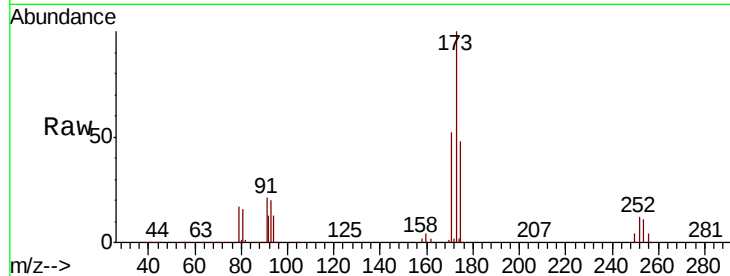
ClientSampleId :

VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 48.0  | 24.9  | 74.6  |
| 254     | 0.0   | 0.1   | 0.1#  |

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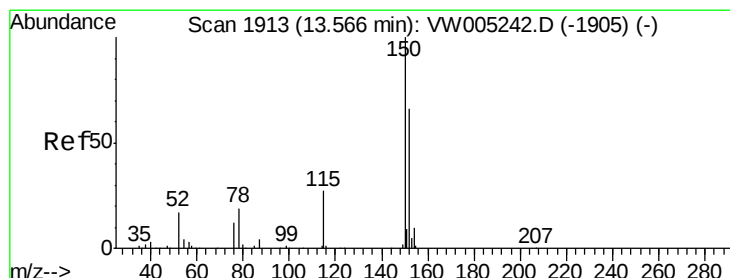
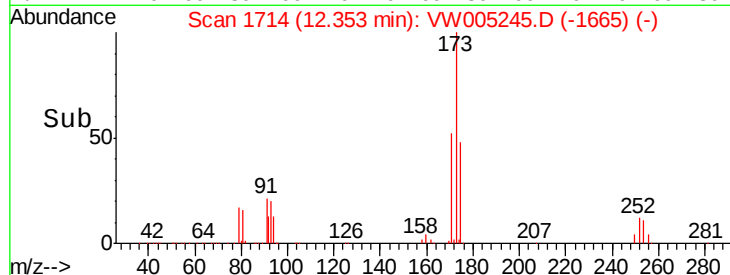
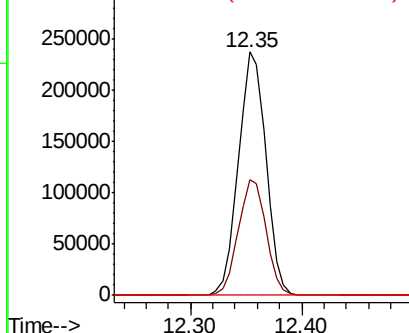


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

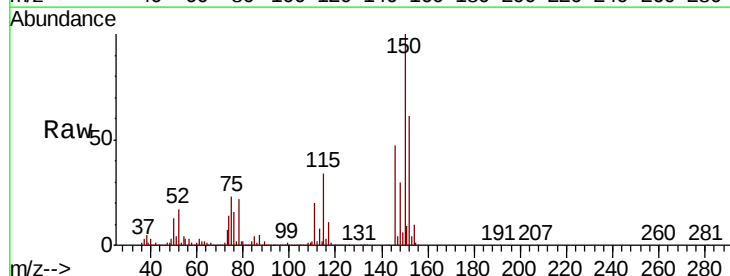
RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 55.8  | 27.5  | 82.4  |
| 150     | 207.7 | 0.0   | 347.4 |

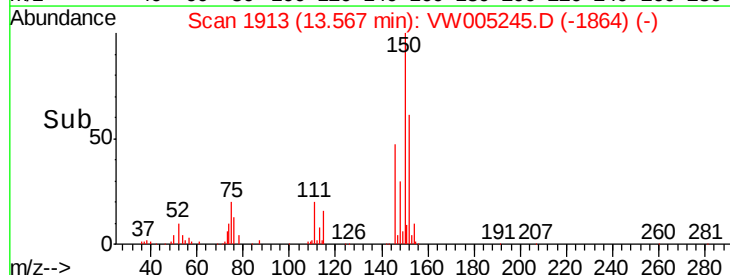
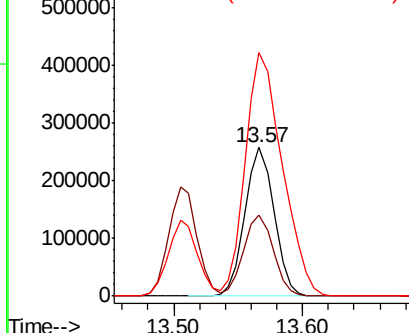


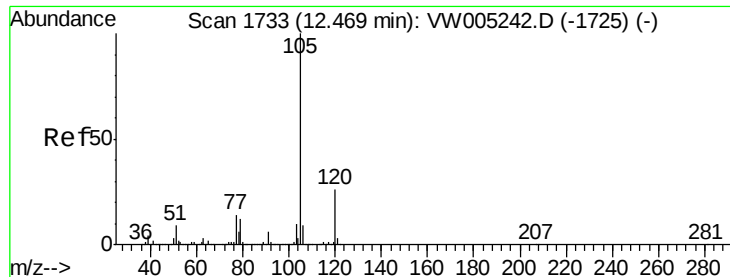
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 149.65 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 4259232

Ion Ratio Lower Upper

105 100

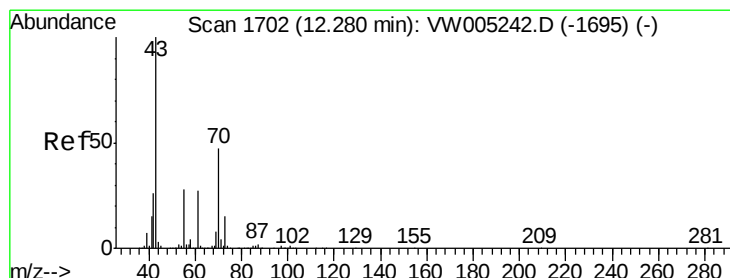
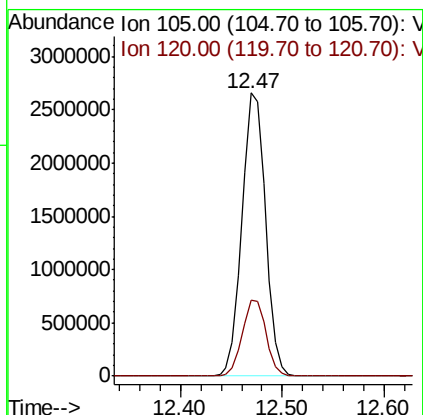
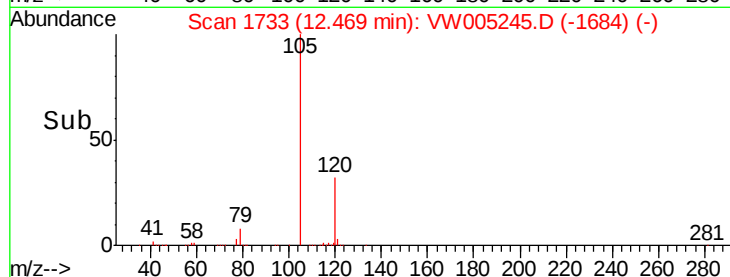
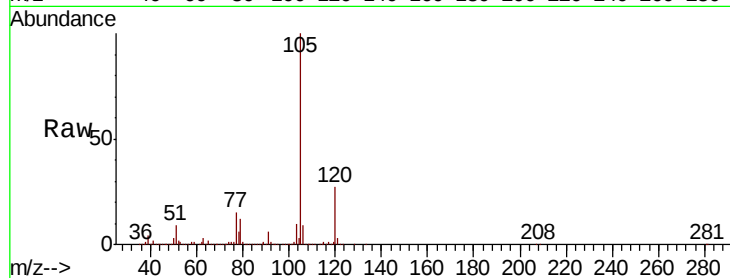
120 27.0 13.4 40.1

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#74

N-ethyl acetate

Concen: 162.07 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Tgt Ion: 43 Resp: 877630

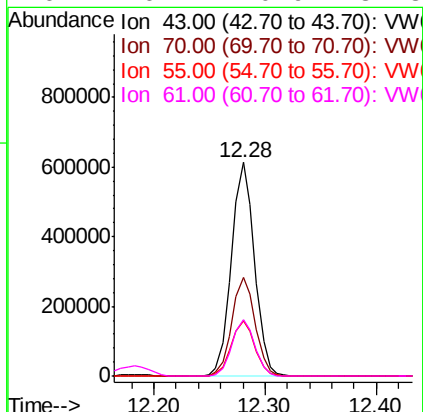
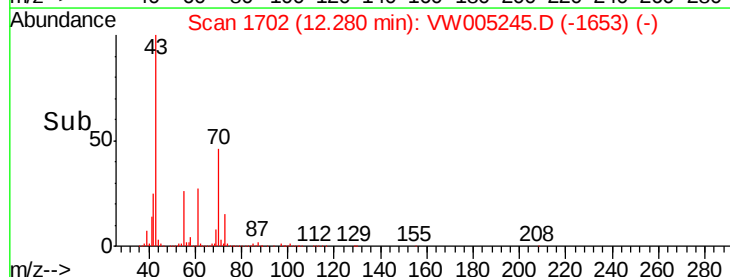
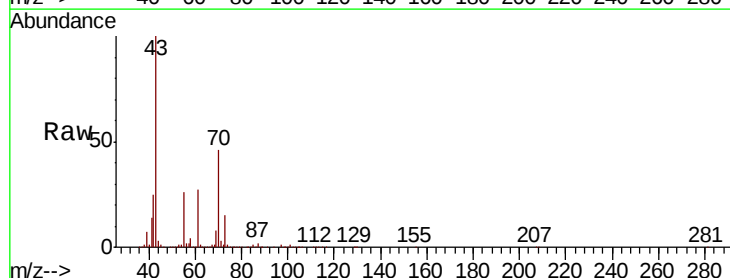
Ion Ratio Lower Upper

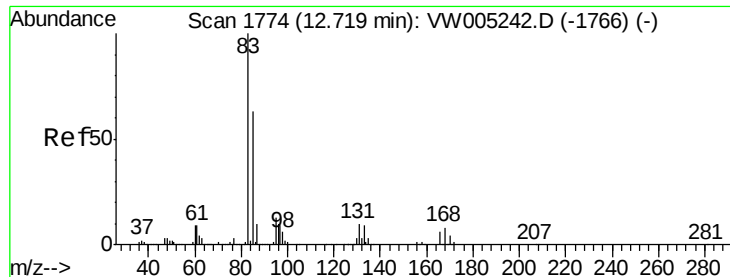
43 100

70 46.5 37.9 56.9

55 26.2 22.6 33.8

61 26.4 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 149.98 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA\_W

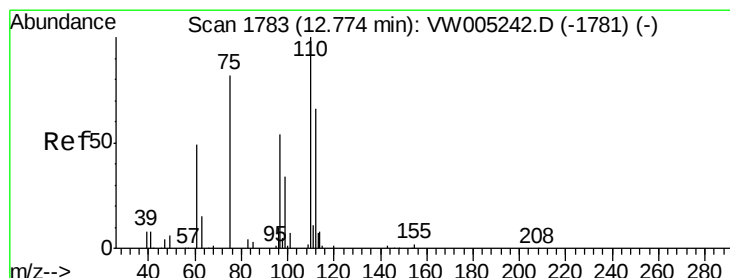
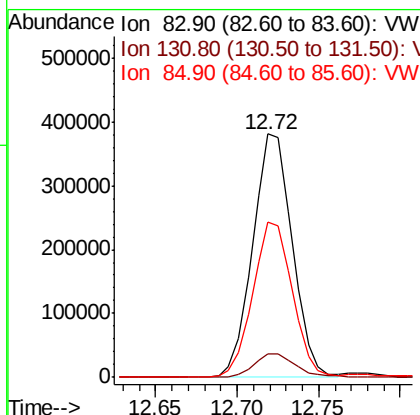
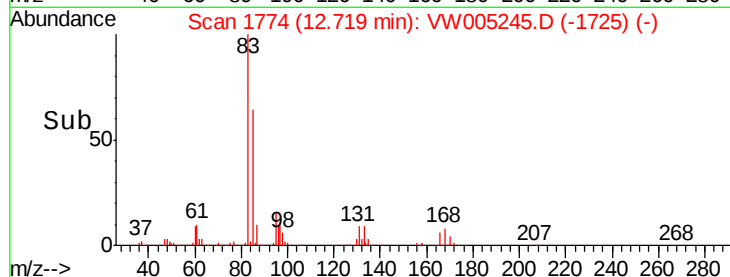
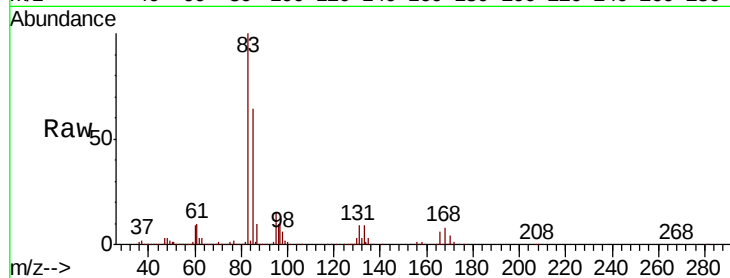
ClientSampled :

VSTDIC150

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 641525 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.4  | 5.5   | 16.4   |
| 85        | 63.9  | 31.6  | 95.0   |

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#76

1,2,3-Trichloropropane

Concen: 84.26 ug/l m

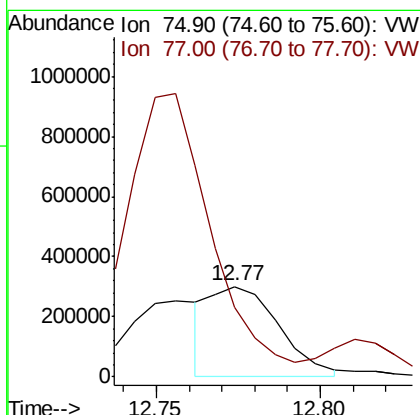
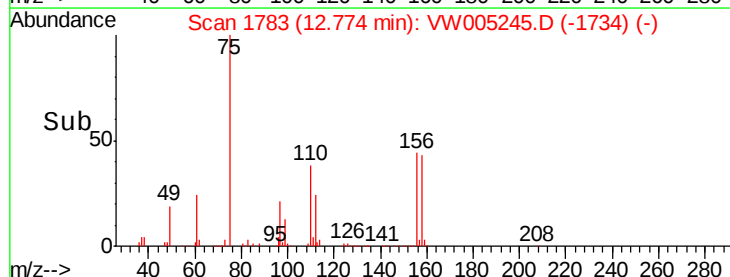
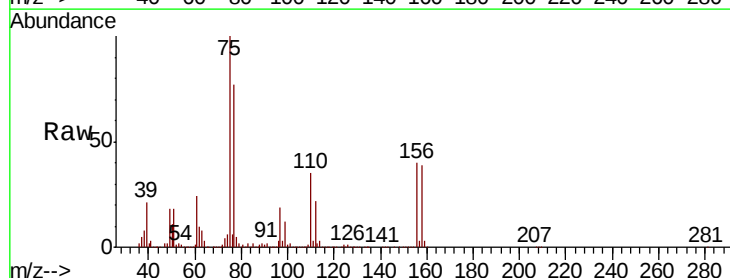
RT: 12.77 min Scan# 1783

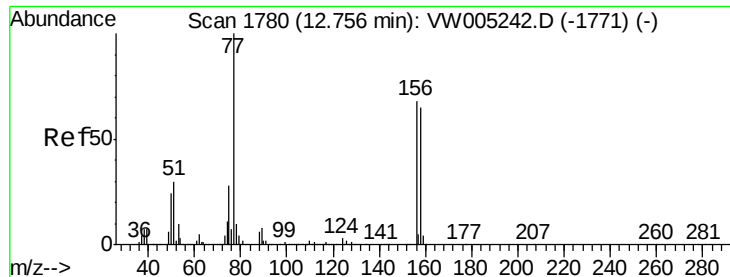
Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 440861 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 391.5 | 0.0   | 0.0#   |





#77

Bromobenzene

Concen: 146.32 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA\_W

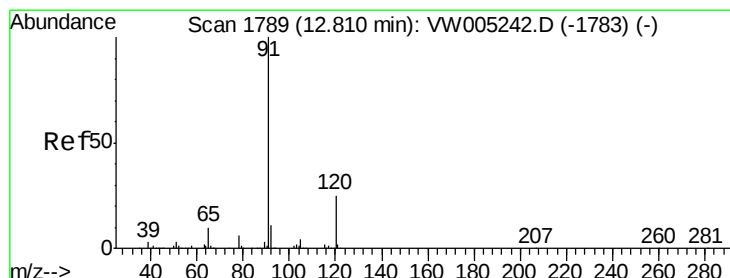
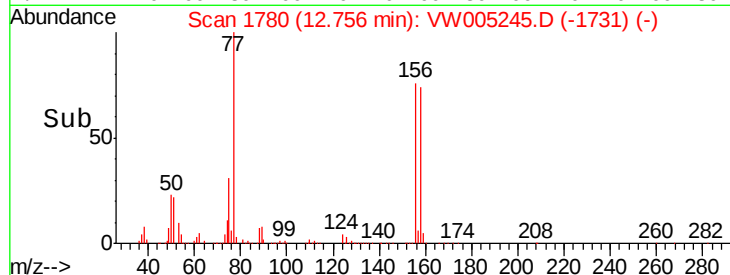
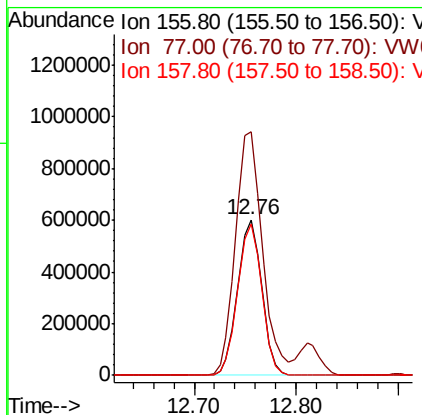
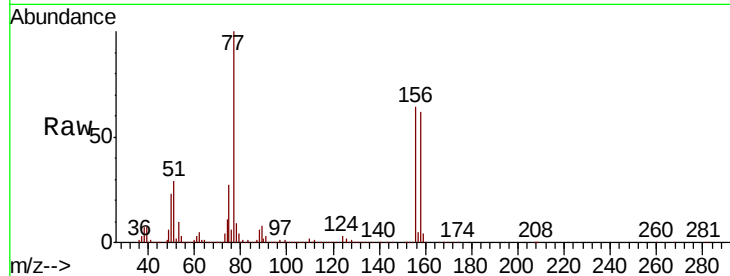
ClientSampleId :

VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 175.9 | 86.3  | 258.8 |
| 158     | 97.4  | 48.6  | 145.8 |

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#78

n-propylbenzene

Concen: 151.57 ug/l

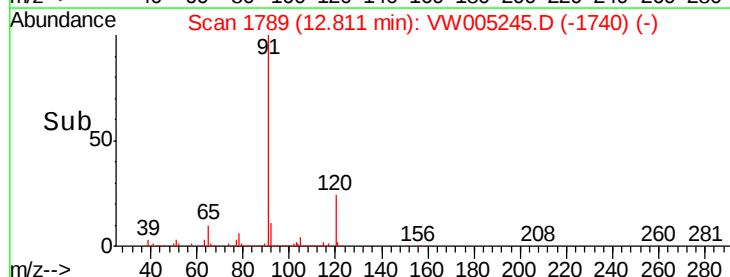
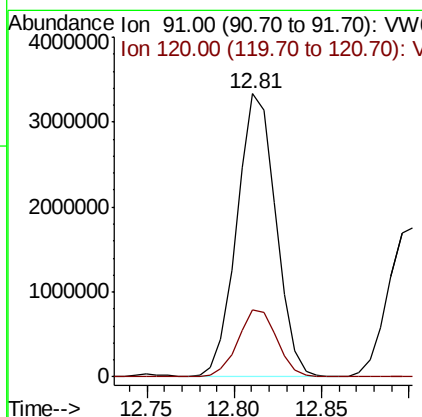
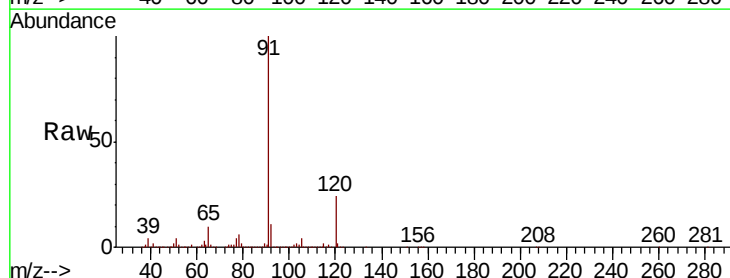
RT: 12.81 min Scan# 1789

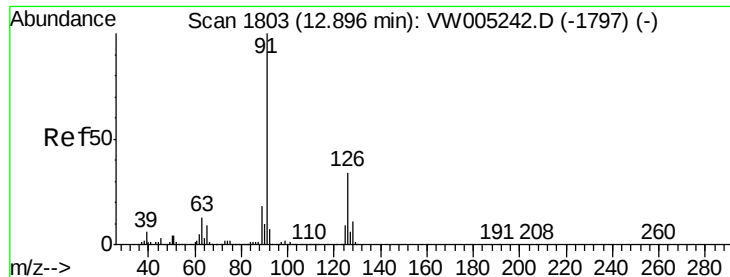
Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.7  | 12.0  | 36.0  |





#79

2-Chlorotoluene

Concen: 148.16 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2904353

Ion Ratio Lower Upper

91 100

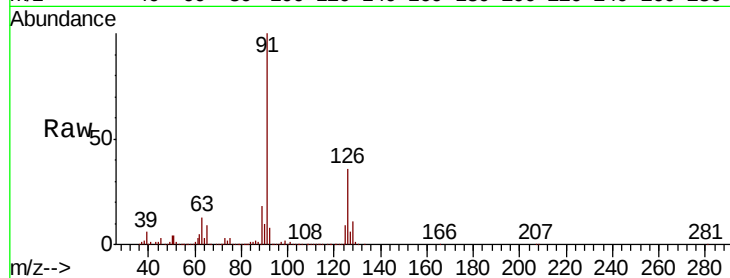
126 34.8 17.2 51.5

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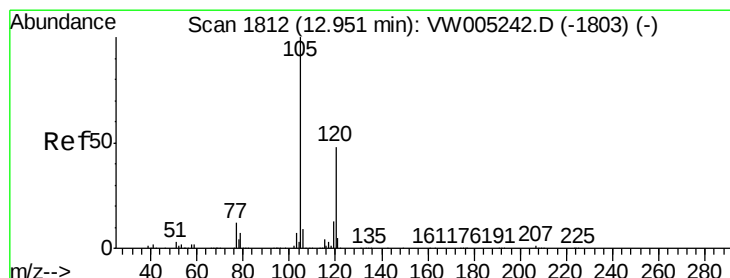
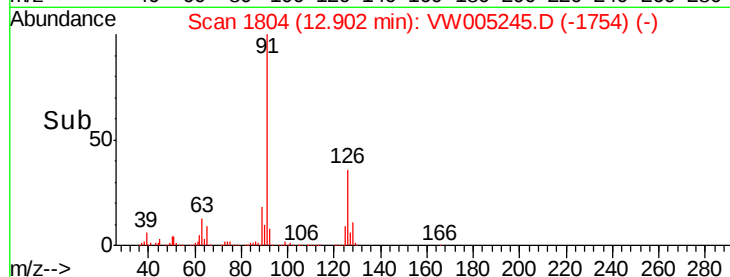
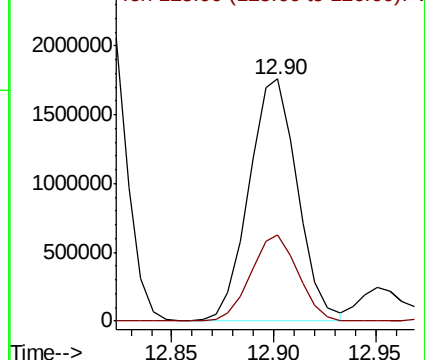
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 153.98 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. 0.00 min

Lab File: VW005245.D

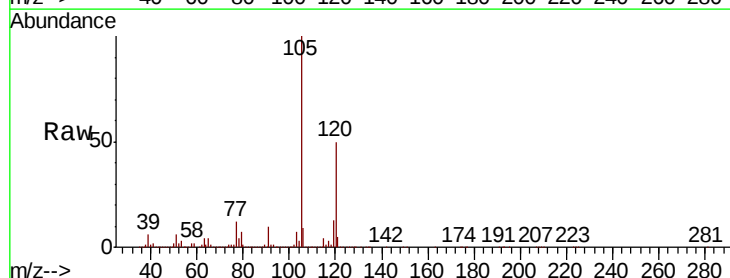
Acq: 10 Sep 2018 16:39

Tgt Ion: 105 Resp: 3731753

Ion Ratio Lower Upper

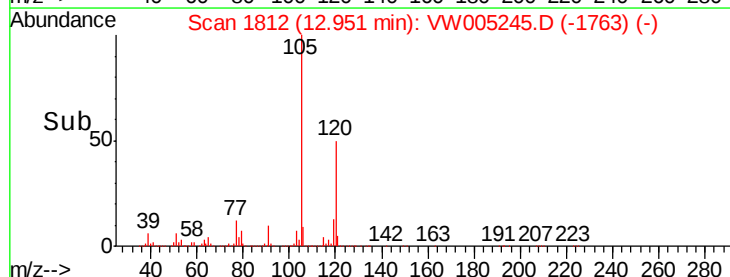
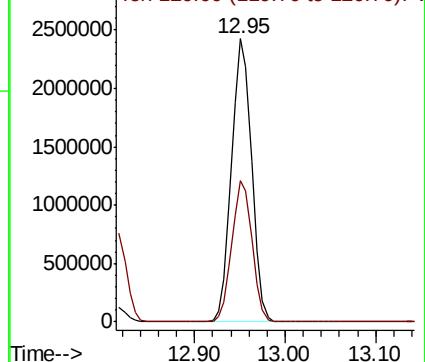
105 100

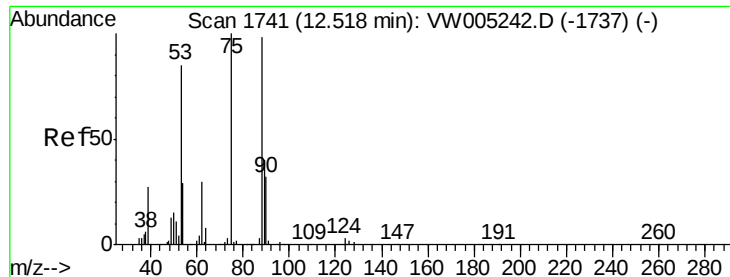
120 50.2 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 161.45 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA\_W

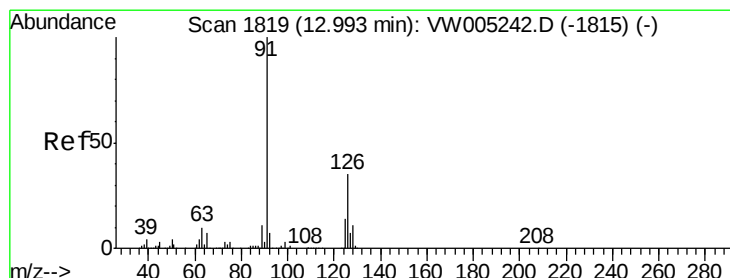
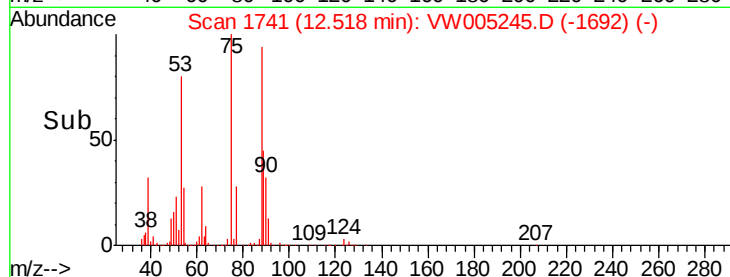
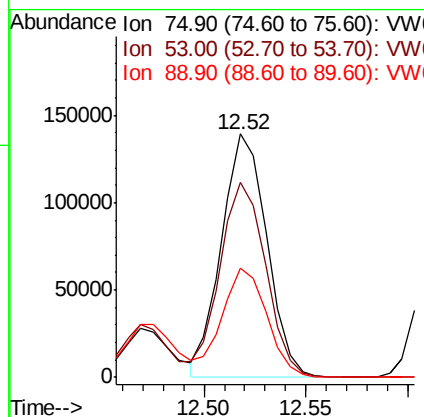
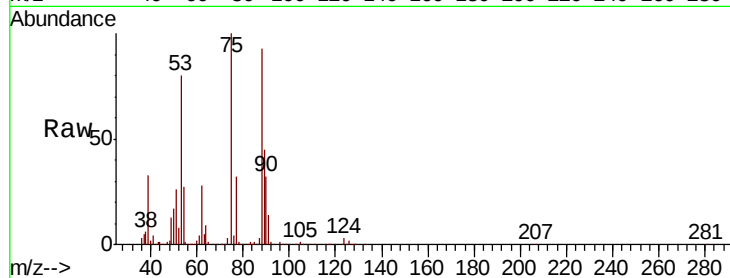
ClientSampled :

VSTDIC150

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 75    | Resp: | 213294 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 53        | 80.9  | 67.0  | 100.6  |
| 89        | 45.3  | 37.0  | 55.4   |

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#82

4-Chlorotoluene

Concen: 148.56 ug/l

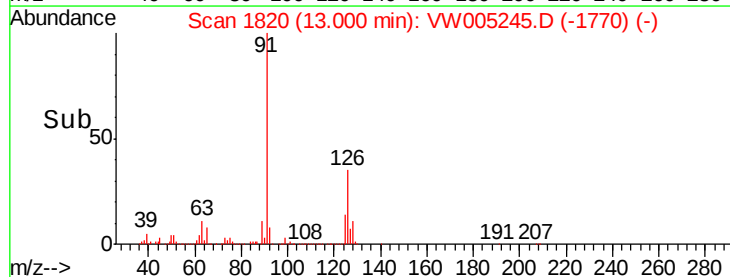
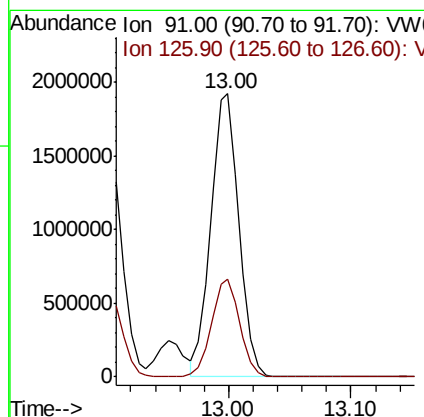
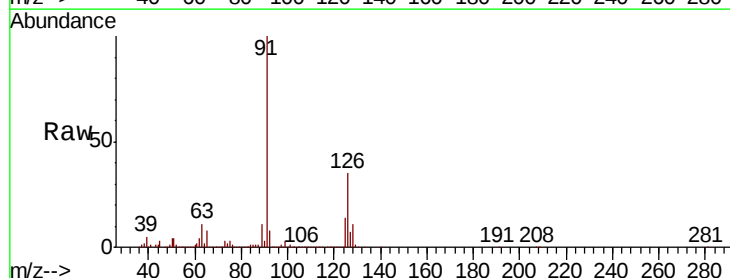
RT: 13.00 min Scan# 1820

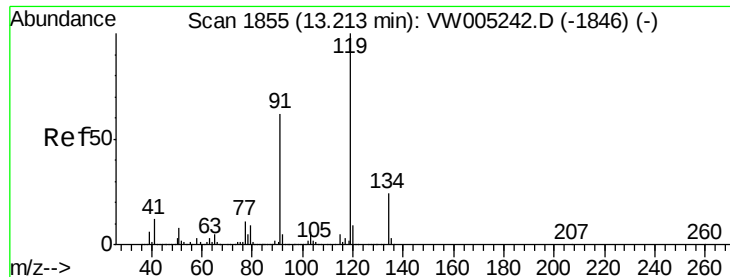
Delta R.T. 0.01 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 91    | Resp: | 3060877 |
| Ion Ratio | Lower | Upper |         |
| 91        | 100   |       |         |
| 126       | 34.7  | 17.5  | 52.5    |





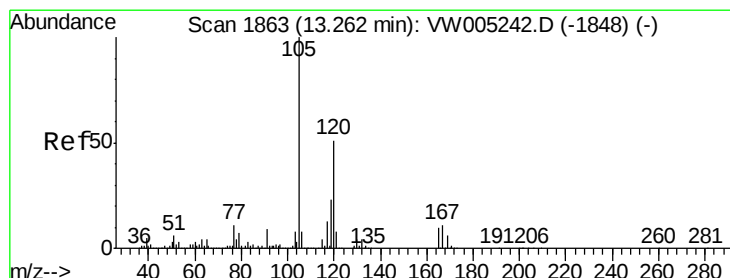
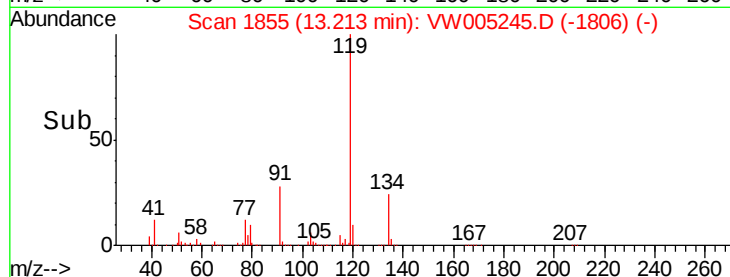
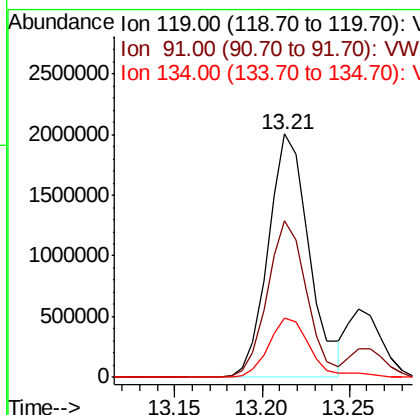
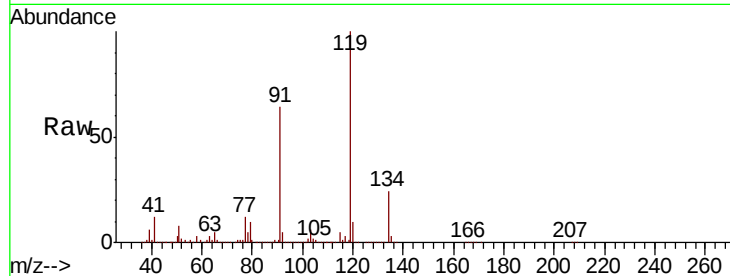
#83  
 tert-Butylbenzene  
 Concen: 154.64 ug/l  
 RT: 13.21 min Scan# 1855  
 Delta R.T. 0.00 min  
 Lab File: VW005245.D  
 Acq: 10 Sep 2018 16:39

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 61.5  | 31.7  | 95.1  |
| 134     | 25.3  | 13.0  | 38.9  |

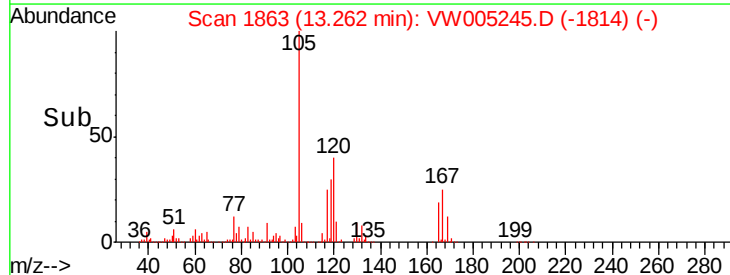
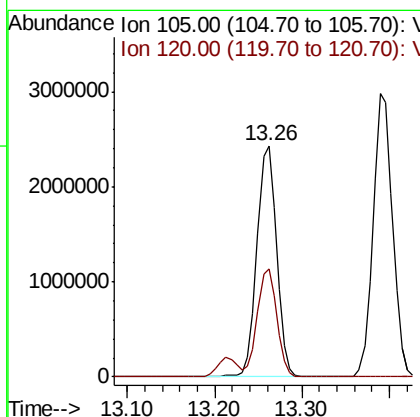
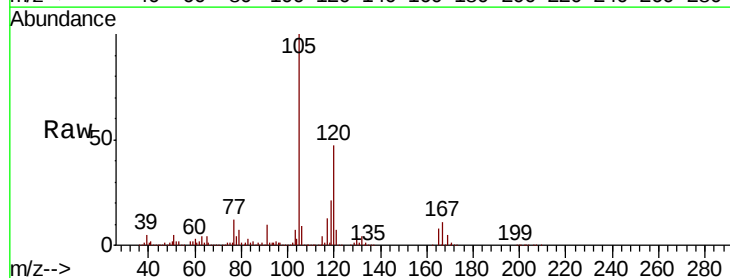
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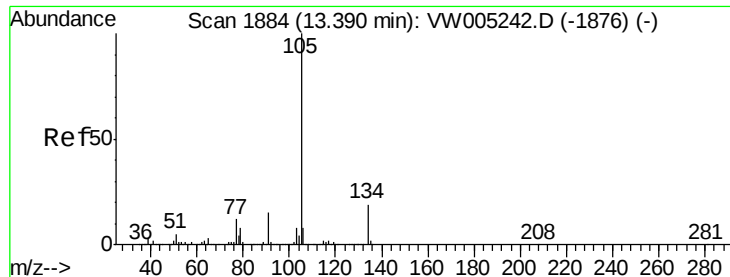
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 155.89 ug/l  
 RT: 13.26 min Scan# 1863  
 Delta R.T. 0.00 min  
 Lab File: VW005245.D  
 Acq: 10 Sep 2018 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 46.5  | 23.4  | 70.3  |





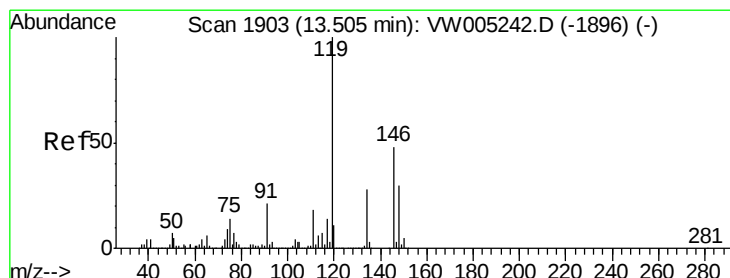
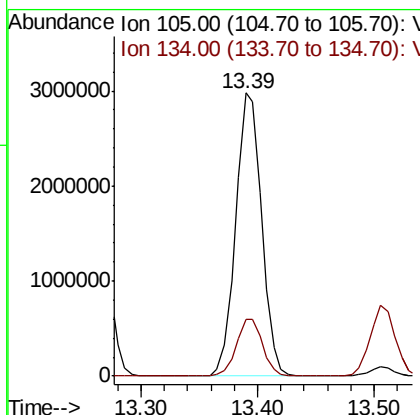
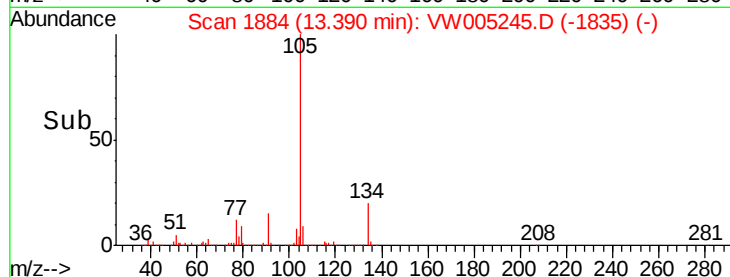
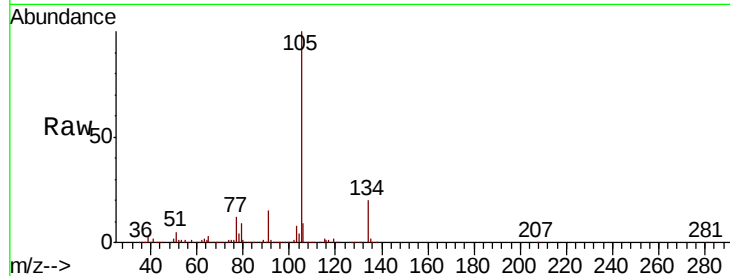
#85  
 sec-Butylbenzene  
 Concen: 151.39 ug/l  
 RT: 13.39 min Scan# 1884  
 Delta R.T. 0.00 min  
 Lab File: VW005245.D  
 Acq: 10 Sep 2018 16:39

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC150

Tot Ion:105 Resp: 4611780  
 Ion Ratio Lower Upper  
 105 100  
 134 20.3 9.9 29.7

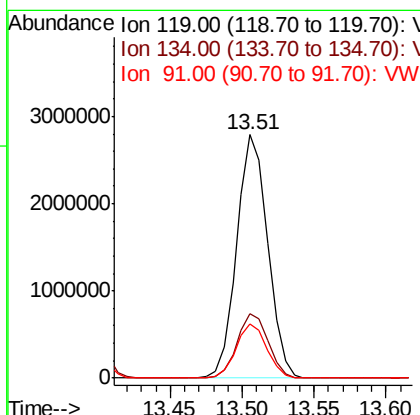
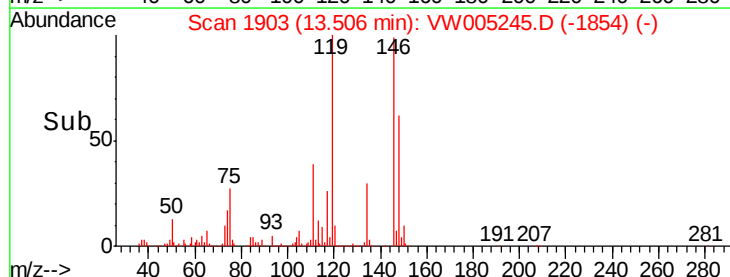
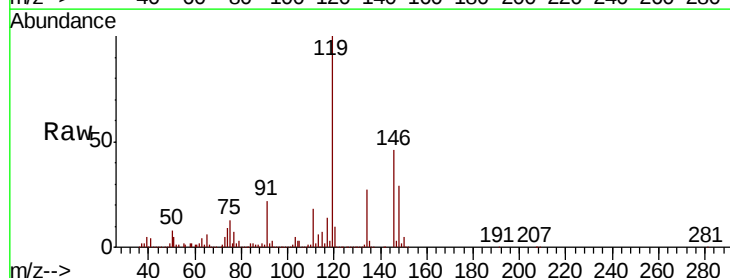
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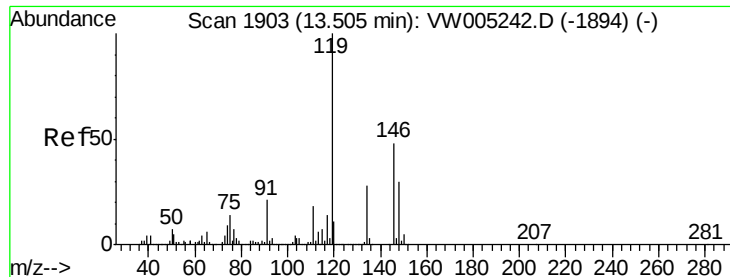
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#86  
 p-Isopropyltoluene  
 Concen: 154.53 ug/l  
 RT: 13.51 min Scan# 1903  
 Delta R.T. 0.00 min  
 Lab File: VW005245.D  
 Acq: 10 Sep 2018 16:39

Tgt Ion:119 Resp: 4167151  
 Ion Ratio Lower Upper  
 119 100  
 134 26.6 13.2 39.5  
 91 22.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 145.31 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA\_W

ClientSampled :

VSTDIC150

Tot Ion:146 Resp: 2045878

Ion Ratio Lower Upper

146 100

111 38.9 18.8 56.3

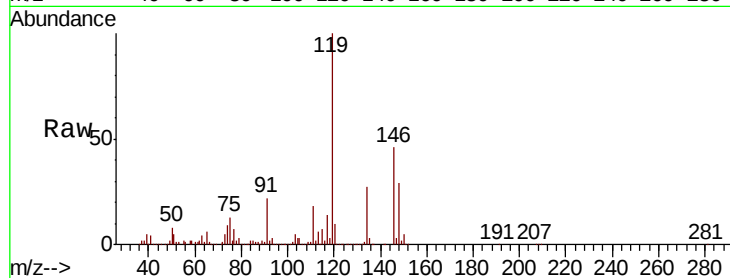
148 63.6 31.6 94.8

Manual Integrations

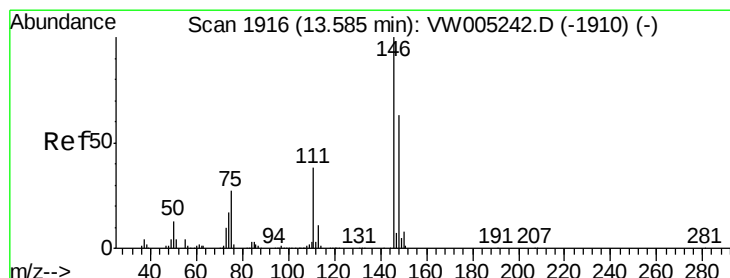
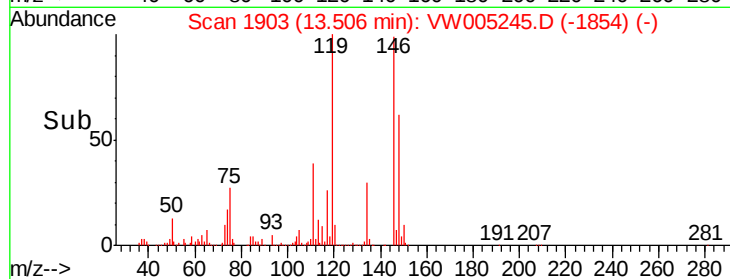
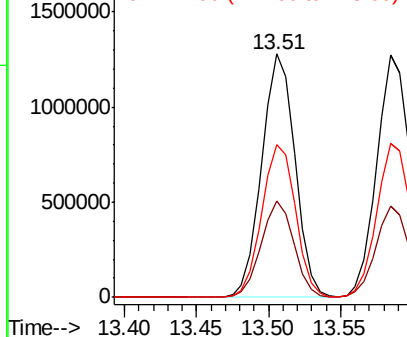
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Abundance Ion 145.90 (145.60 to 146.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 145.75 ug/l

RT: 13.58 min Scan# 1916

Delta R.T. 0.00 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

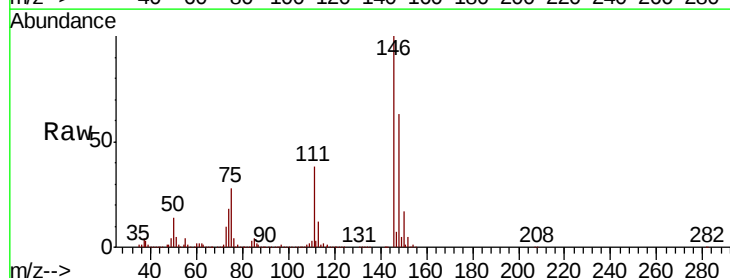
Tgt Ion:146 Resp: 2015598

Ion Ratio Lower Upper

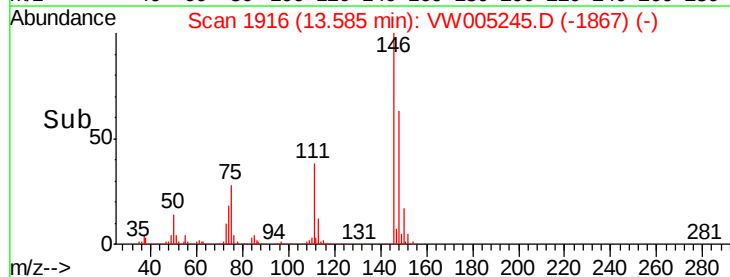
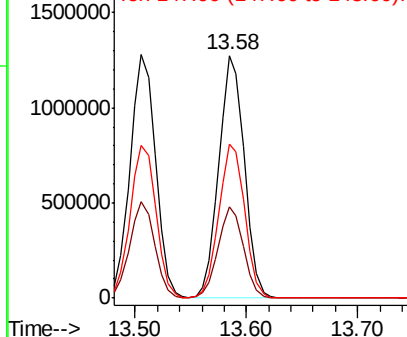
146 100

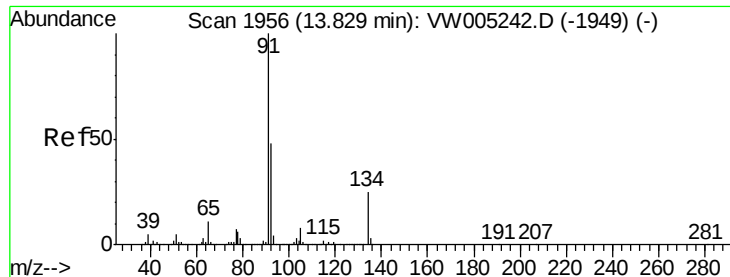
111 37.4 19.1 57.3

148 64.2 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 158.88 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005245.D

Acq: 10 Sep 2018 16:39

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 4027832

Ion Ratio Lower Upper

91 100

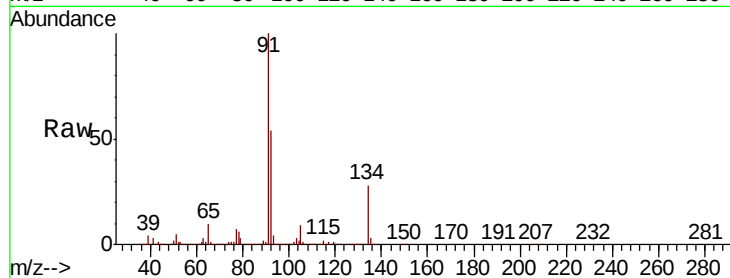
92 53.5 25.8 77.3

134 27.0 13.6 40.8

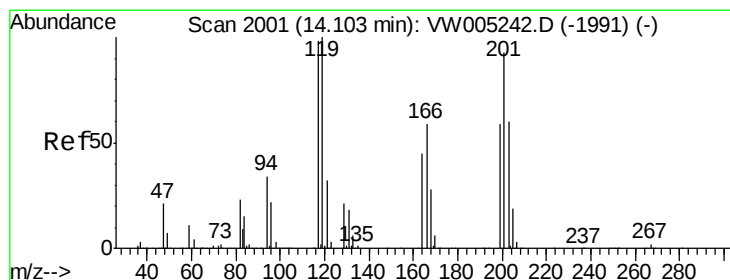
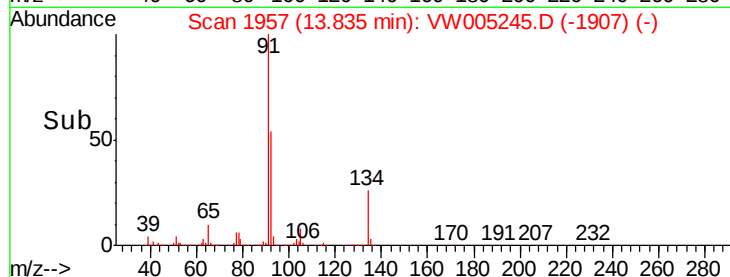
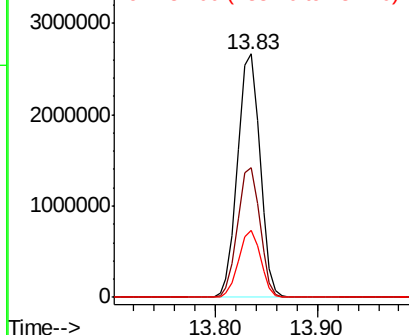
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Abundance Ion 91.00 (90.70 to 91.70): VW  
Ion 92.00 (91.70 to 92.70): VW  
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 154.50 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. 0.00 min

Lab File: VW005245.D

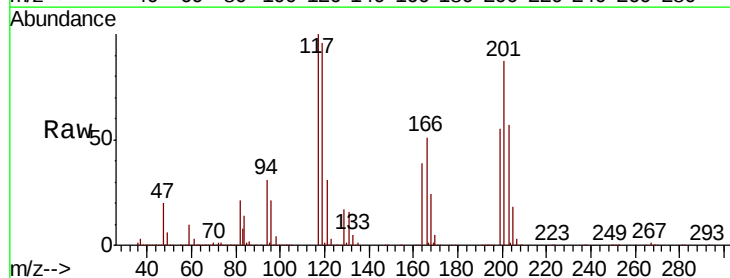
Acq: 10 Sep 2018 16:39

Tgt Ion: 117 Resp: 667525

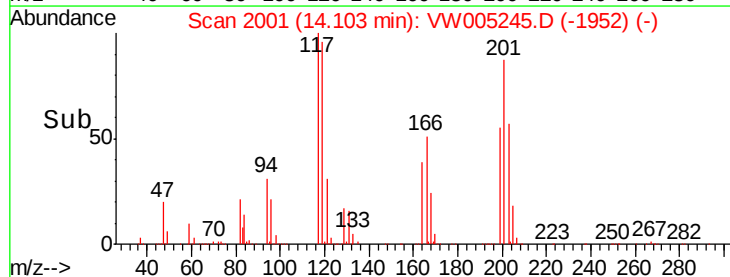
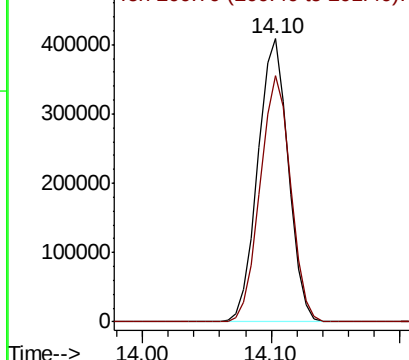
Ion Ratio Lower Upper

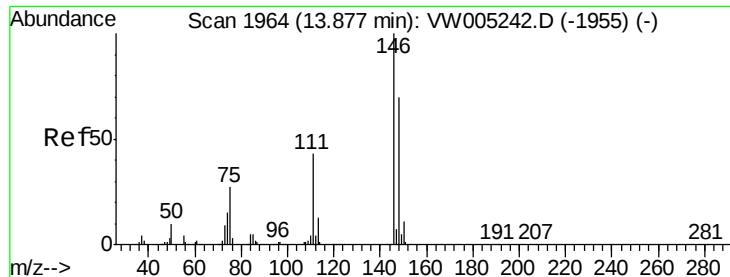
117 100

201 87.3 44.0 132.1



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 200.70 (200.40 to 201.40): V





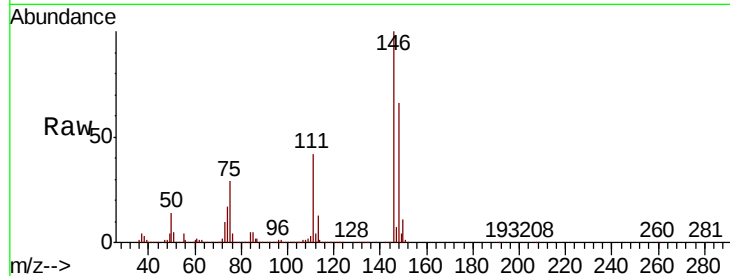
#91  
 1,2-Dichlorobenzene  
 Concen: 143.43 ug/l  
 RT: 13.88 min Scan# 1964  
 Delta R.T. 0.00 min  
 Lab File: VW005245.D  
 Acq: 10 Sep 2018 16:39

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.8  | 20.5  | 61.5  |
| 148     | 65.0  | 32.7  | 98.1  |

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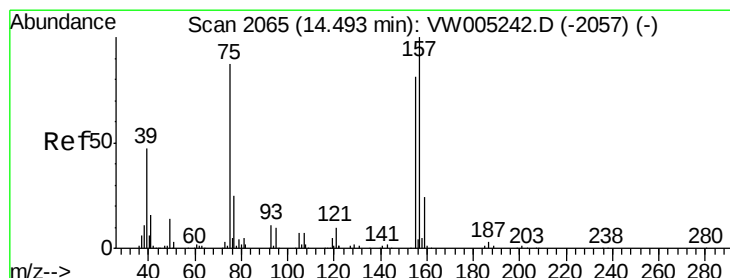
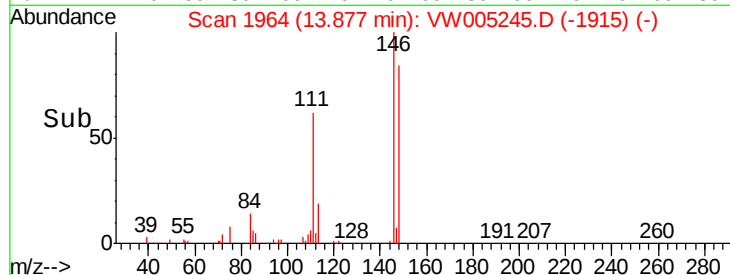
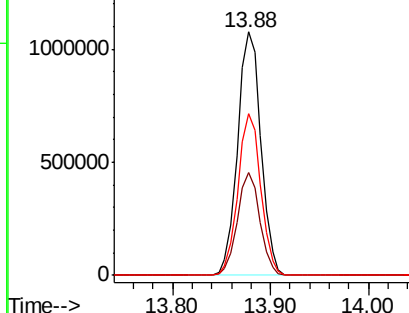


Abundance

Ion 145.90 (145.60 to 146.60): V

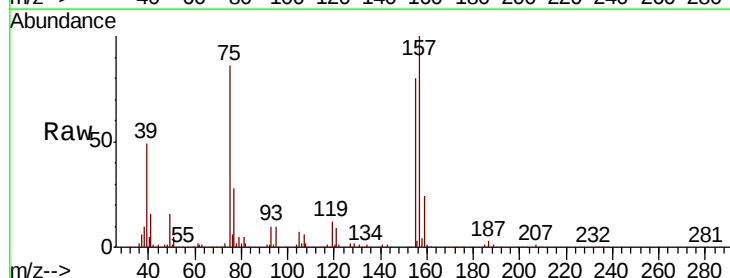
Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 151.06 ug/l  
 RT: 14.49 min Scan# 2065  
 Delta R.T. 0.00 min  
 Lab File: VW005245.D  
 Acq: 10 Sep 2018 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 93.2  | 47.4  | 142.2 |
| 157     | 118.8 | 59.4  | 178.2 |

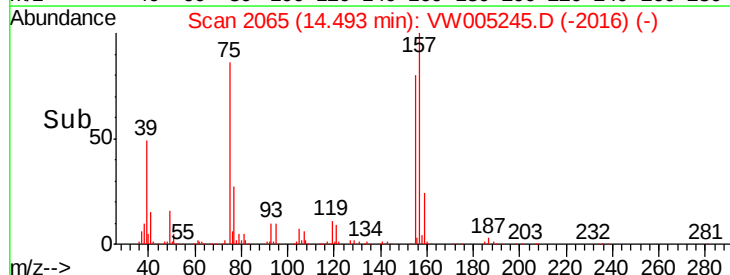
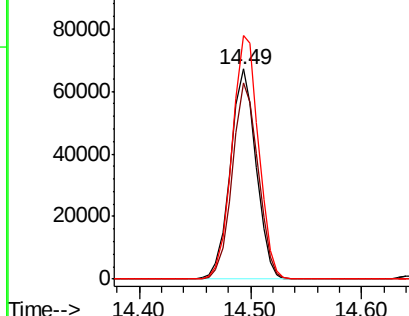


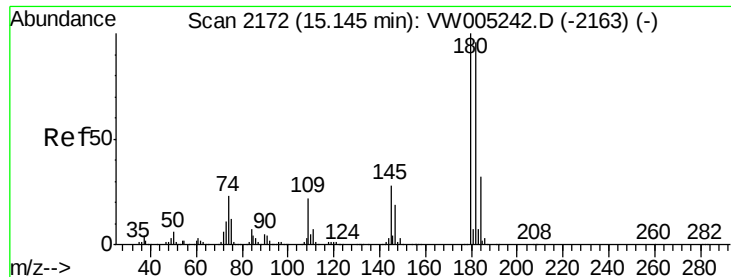
Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





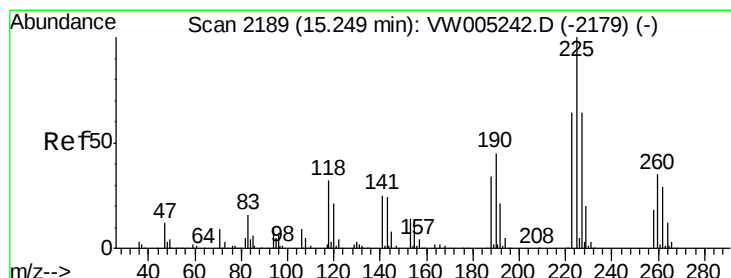
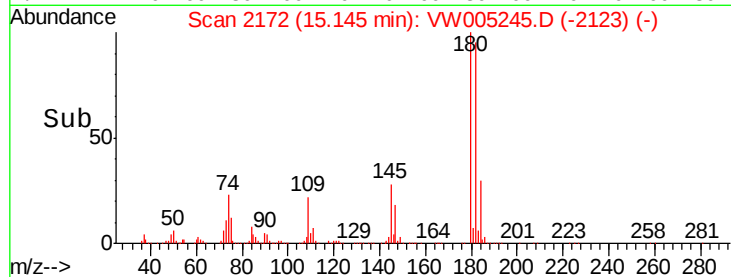
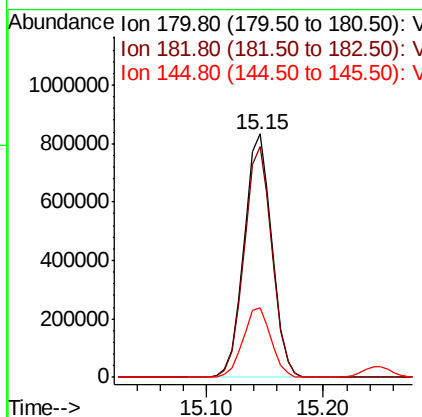
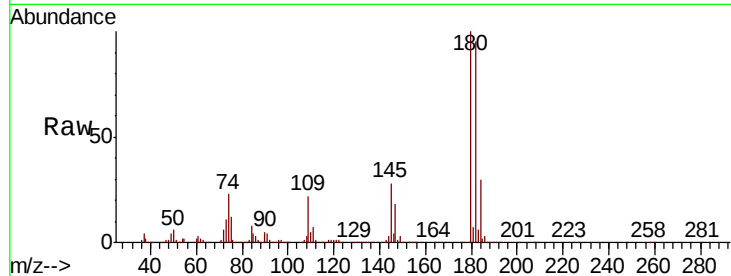
#93  
 1,2,4-Trichlorobenzene  
 Concen: 158.05 ug/l  
 RT: 15.15 min Scan# 2172  
 Delta R.T. 0.00 min  
 Lab File: VW005245.D  
 Acq: 10 Sep 2018 16:39

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.9  | 48.1  | 144.4 |
| 145     | 28.8  | 14.5  | 43.6  |

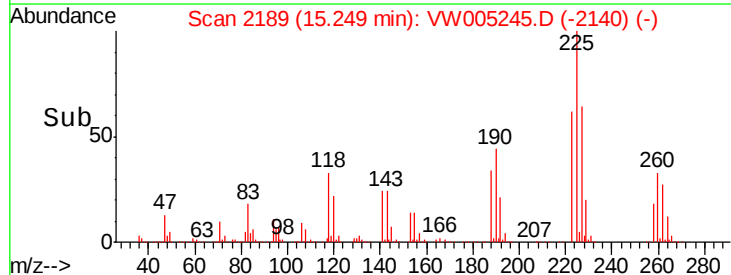
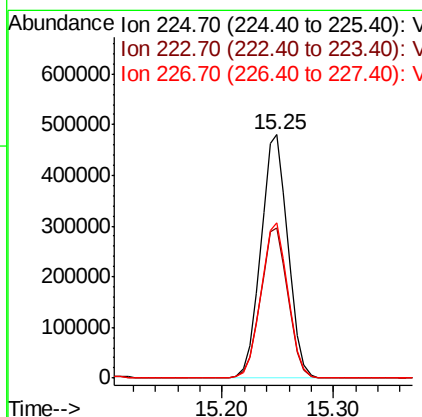
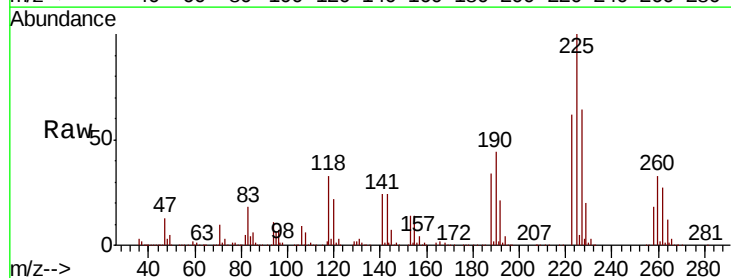
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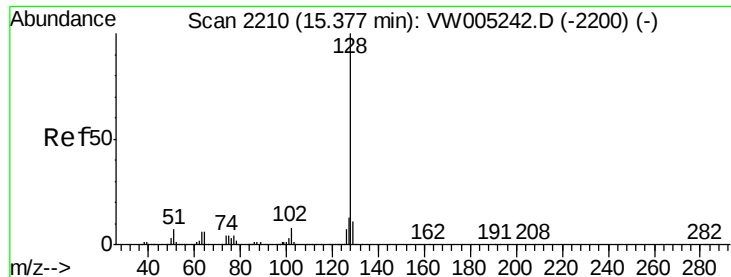
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#94  
 Hexachlorobutadiene  
 Concen: 144.83 ug/l  
 RT: 15.25 min Scan# 2189  
 Delta R.T. 0.00 min  
 Lab File: VW005245.D  
 Acq: 10 Sep 2018 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.1  | 31.4  | 94.2  |
| 227     | 63.7  | 32.0  | 96.0  |





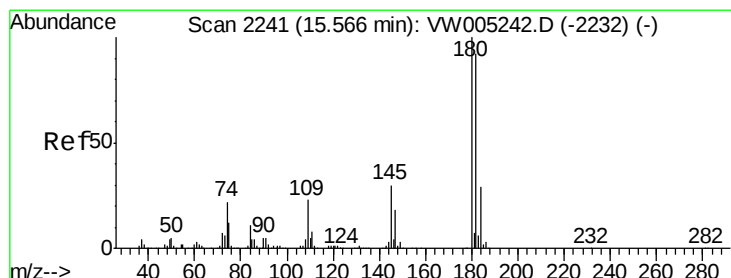
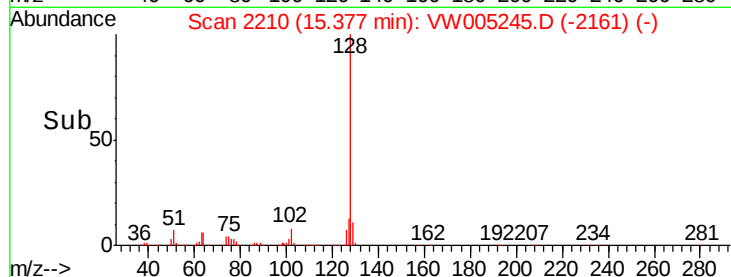
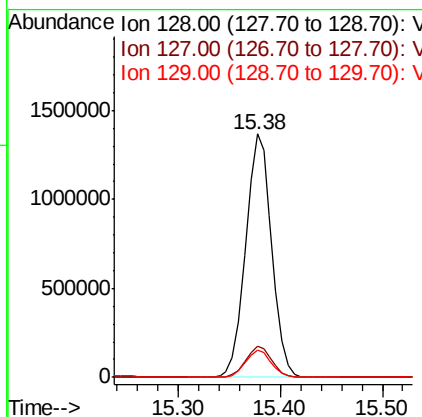
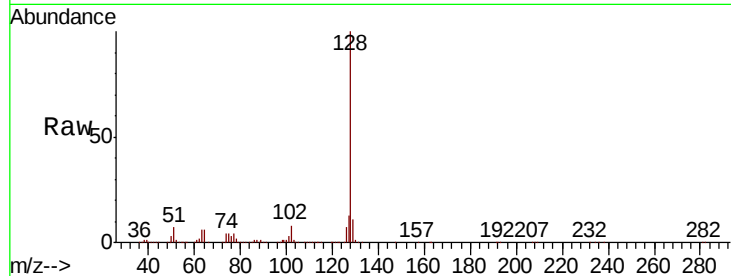
#95  
Naphthalene  
Concen: 169.49 ug/l  
RT: 15.38 min Scan# 2210  
Delta R.T. 0.00 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.8  | 10.3  | 15.5  |
| 129     | 11.0  | 8.8   | 13.2  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 156.44 ug/l  
RT: 15.57 min Scan# 2241  
Delta R.T. 0.00 min  
Lab File: VW005245.D  
Acq: 10 Sep 2018 16:39

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.5  | 47.2  | 141.6 |
| 145     | 31.0  | 15.2  | 45.6  |

