

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\  
 Data File : VW004740.D  
 Acq On : 17 Aug 2018 18:03  
 Operator : SY/AP  
 Sample : VSTDICC100  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICC100

Manual Integrations  
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apatel  
 8/20/2018 9:54:02 AM

Quant Time: Aug 18 01:39:06 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W081918S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 18 01:25:38 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 689192   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.85  | 114  | 1040648  | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 958941   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.57 | 152  | 504271   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |        |         |      |
|---------------------------|--------|-----|----------|--------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 661364   | 99.26  | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 198.52% |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 665395   | 100.04 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 200.08% |      |
| 50) Toluene-d8            | 10.33  | 98  | 2639005  | 101.64 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 203.28% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 963718   | 103.18 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =      | 206.36% |      |

## Target Compounds

|                               |      |     |         |        |      | Qvalue |
|-------------------------------|------|-----|---------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85  | 448947  | 98.34  | ug/l | 99     |
| 3) Chloromethane              | 2.22 | 50  | 606136  | 101.55 | ug/l | 99     |
| 4) Vinyl Chloride             | 2.37 | 62  | 859747  | 97.86  | ug/l | 99     |
| 5) Bromomethane               | 2.78 | 94  | 530872  | 97.84  | ug/l | 99     |
| 6) Chloroethane               | 2.92 | 64  | 529907  | 99.96  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 3.25 | 101 | 406208  | 98.14  | ug/l | 99     |
| 8) Diethyl Ether              | 3.68 | 74  | 369564  | 98.75  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101 | 694818  | 97.49  | ug/l | 99     |
| 10) Methyl Iodide             | 4.27 | 142 | 1092410 | 100.92 | ug/l | 99     |
| 11) Tert butyl alcohol        | 5.22 | 59  | 191779  | 511.16 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 699671  | 98.51  | ug/l | 97     |
| 13) Acrolein                  | 3.89 | 56  | 235474  | 471.38 | ug/l | 100    |
| 14) Allyl chloride            | 4.66 | 41  | 1112116 | 103.18 | ug/l | 99     |
| 15) Acrylonitrile             | 5.37 | 53  | 809415  | 515.75 | ug/l | 100    |
| 16) Acetone                   | 4.14 | 43  | 778062  | 457.43 | ug/l | 99     |
| 17) Carbon Disulfide          | 4.38 | 76  | 2327449 | 99.72  | ug/l | 100    |
| 18) Methyl Acetate            | 4.67 | 43  | 370909  | 101.76 | ug/l | 99     |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 970164  | 105.23 | ug/l | 97     |
| 20) Methylene Chloride        | 4.92 | 84  | 745029  | 80.26  | ug/l | 98     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96  | 760922  | 100.69 | ug/l | 99     |
| 22) Diisopropyl ether         | 6.31 | 45  | 2158515 | 104.19 | ug/l | 99     |
| 23) Vinyl Acetate             | 6.26 | 43  | 6437377 | 549.37 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 6.21 | 63  | 1340254 | 99.56  | ug/l | 100    |
| 25) 2-Butanone                | 7.18 | 43  | 1263858 | 521.50 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 720053  | 92.60  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 829646  | 101.98 | ug/l | 100    |
| 28) Bromochloromethane        | 7.51 | 49  | 570010  | 100.55 | ug/l | 99     |
| 29) Tetrahydrofuran           | 7.54 | 42  | 668736  | 541.14 | ug/l | 99     |
| 30) Chloroform                | 7.68 | 83  | 1305168 | 98.58  | ug/l | 98     |
| 31) Cyclohexane               | 7.96 | 56  | 1266605 | 97.27  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 1033214 | 98.44  | ug/l | 99     |
| 36) 1,1-Dichloropropene       | 8.09 | 75  | 1079514 | 100.70 | ug/l | 100    |
| 37) Ethyl Acetate             | 7.26 | 43  | 442318  | 103.50 | ug/l | 99     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 983066  | 99.62  | ug/l | 100    |

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 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDICC100

Manual Integrations  
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apatel  
 8/20/2018 9:54:02 AM

Quant Time: Aug 18 01:39:06 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W081918S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Aug 18 01:25:38 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| -----                          |       |      |          |         |        |          |
| 39) Methylcyclohexane          | 9.34  | 83   | 1416588  | 105.66  | ug/l   | 98       |
| 40) Benzene                    | 8.32  | 78   | 3123337  | 100.25  | ug/l   | 100      |
| 41) Methacrylonitrile          | 7.49  | 41   | 258083   | 106.41  | ug/l   | 96       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 800317   | 100.17  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.43  | 43   | 841988   | 109.69  | ug/l   | 99       |
| 44) Trichloroethene            | 9.09  | 130  | 791758   | 100.11  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 769115   | 100.92  | ug/l   | 99       |
| 46) Dibromomethane             | 9.46  | 93   | 379706   | 100.57  | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.65  | 83   | 922825   | 102.34  | ug/l   | 99       |
| 48) Methyl methacrylate        | 9.44  | 41   | 400874   | 111.29  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.47  | 88   | 121767   | 2207.50 | ug/l # | 84       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 2812127  | 542.05  | ug/l   | 100      |
| 52) Toluene                    | 10.39 | 92   | 1889174  | 101.10  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 964236   | 106.14  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 10.08 | 75   | 1145968  | 105.81  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 539281   | 100.48  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 722094   | 113.90  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 943928   | 101.89  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 1665424  | 561.91  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.98 | 43   | 1927142  | 548.24  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.13 | 129  | 620293   | 103.02  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 518188   | 101.01  | ug/l   | 100      |
| 64) Tetrachloroethene          | 10.87 | 164  | 652059   | 99.50   | ug/l   | 99       |
| 65) Chlorobenzene              | 11.66 | 112  | 2062377  | 99.92   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.74 | 131  | 718774   | 103.14  | ug/l   | 98       |
| 67) Ethyl Benzene              | 11.74 | 91   | 3660373  | 104.61  | ug/l   | 100      |
| 68) m/p-Xylenes                | 11.85 | 106  | 2839871  | 208.62  | ug/l   | 100      |
| 69) o-Xylene                   | 12.17 | 106  | 1356318  | 107.63  | ug/l   | 98       |
| 70) Styrene                    | 12.19 | 104  | 2267297  | 107.11  | ug/l   | 99       |
| 71) Bromoform                  | 12.35 | 173  | 388782   | 105.70  | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.47 | 105  | 3696686  | 107.76  | ug/l   | 100      |
| 74) N-amyl acetate             | 12.28 | 43   | 826989   | 114.99  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 656091   | 103.24  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 437023m  | 58.51   | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 856710   | 103.17  | ug/l   | 100      |
| 78) n-propylbenzene            | 12.81 | 91   | 4454113  | 106.40  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 2531130  | 104.89  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 12.95 | 105  | 3127173  | 107.30  | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 213170   | 111.46  | ug/l   | 98       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 2655427  | 103.57  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 13.21 | 119  | 2705594  | 108.53  | ug/l   | 100      |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 3190745  | 106.41  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 13.39 | 105  | 3940772  | 105.88  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 3472001  | 107.21  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 1715802  | 101.58  | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 1689026  | 100.04  | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.83 | 91   | 3336075  | 106.55  | ug/l   | 99       |
| 90) Hexachloroethane           | 14.10 | 117  | 619562   | 104.96  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.88 | 146  | 1545808  | 101.89  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 107643   | 108.38  | ug/l   | 98       |

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Sample : VSTDICC100  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
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Quant Title : SW846 8260  
QLast Update : Sat Aug 18 01:25:38 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.15 | 180  | 1148997  | 107.08 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 15.25 | 225  | 660317   | 100.26 | ug/l  | 98       |
| 95) Naphthalene            | 15.38 | 128  | 2179880  | 117.47 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180  | 1022449  | 107.45 | ug/l  | 99       |

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

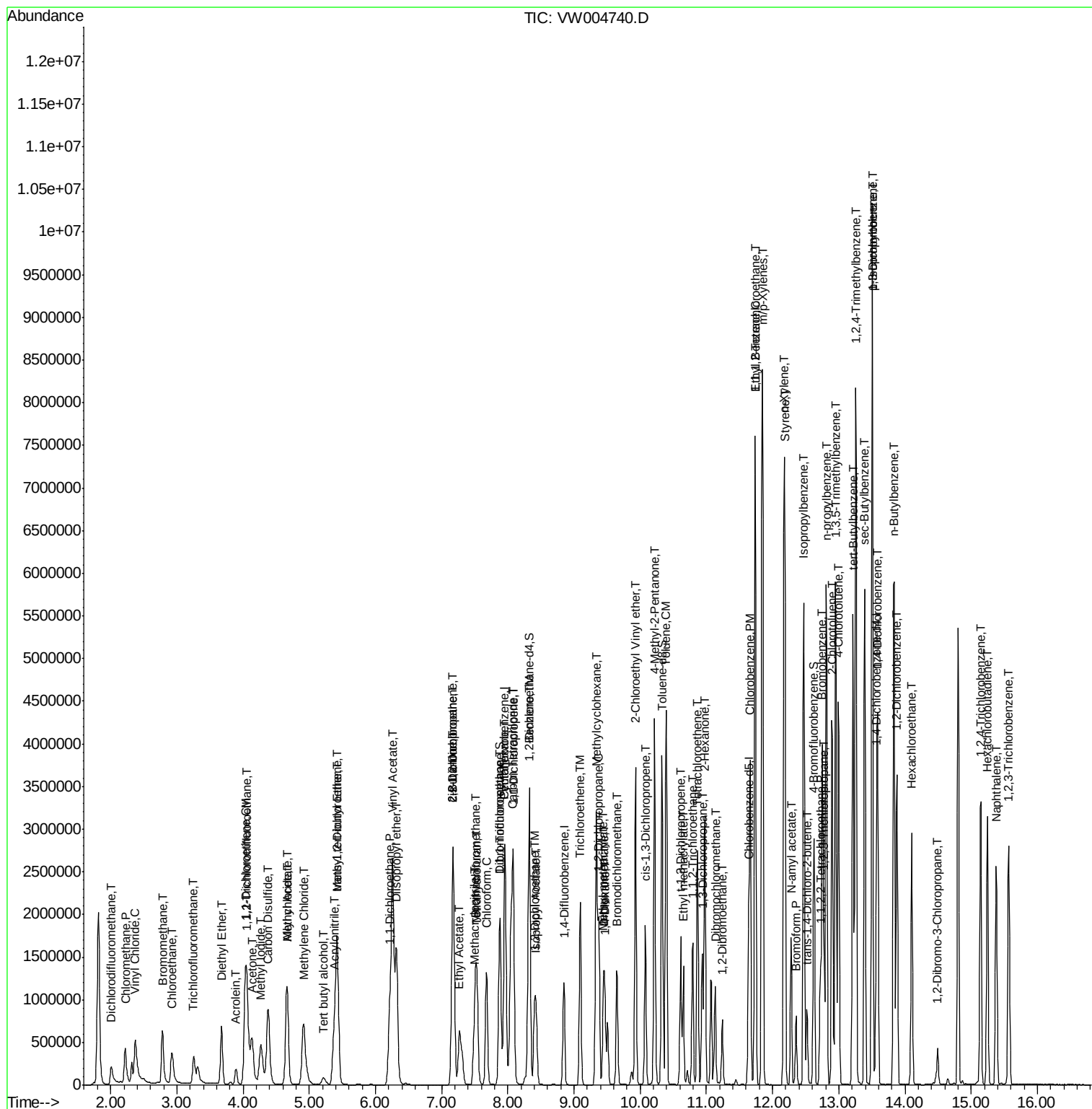
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\  
Data File : VW004740.D  
Acq On : 17 Aug 2018 18:03  
Operator : SY/AP  
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ALS Vial : 8 Sample Multiplier: 1

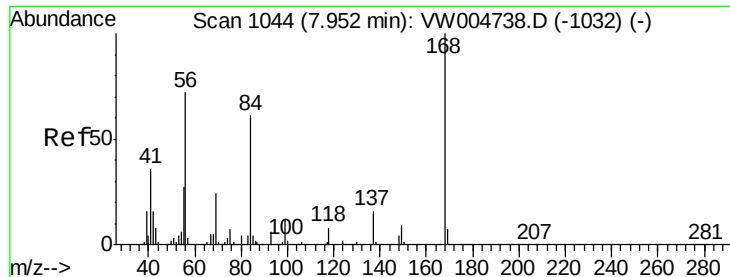
Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC100

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QLast Update : Sat Aug 18 01:25:38 2018  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC100

Tot Ion:168 Resp: 689192

Ion Ratio Lower Upper

168 100

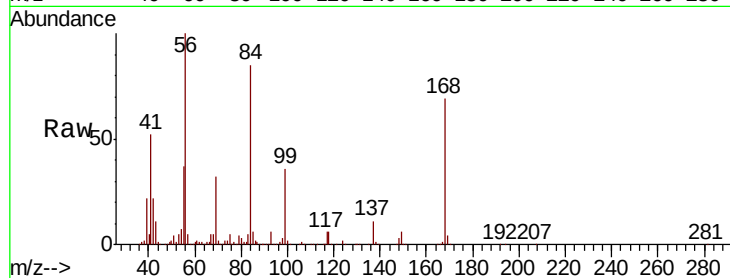
99 52.9 41.0 61.4

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

300000

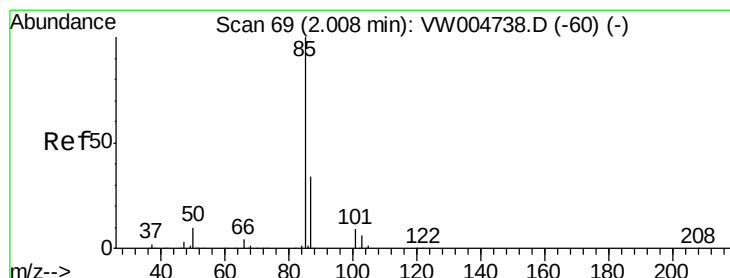
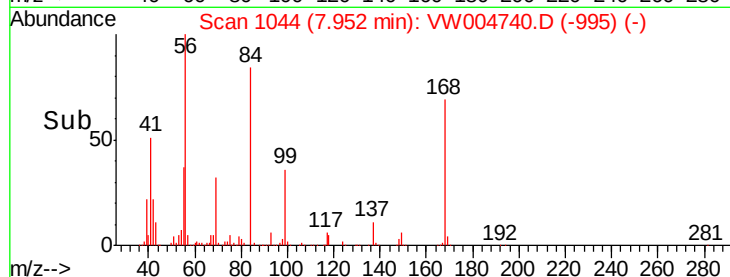
200000

100000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 98.34 ug/l

RT: 2.01 min Scan# 69

Delta R.T. -0.00 min

Lab File: VW004740.D

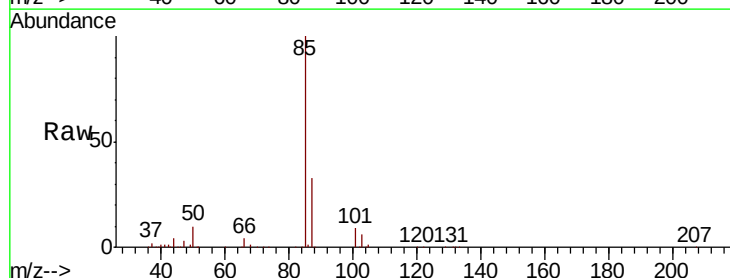
Acq: 17 Aug 2018 18:03

Tgt Ion: 85 Resp: 448947

Ion Ratio Lower Upper

85 100

87 32.8 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

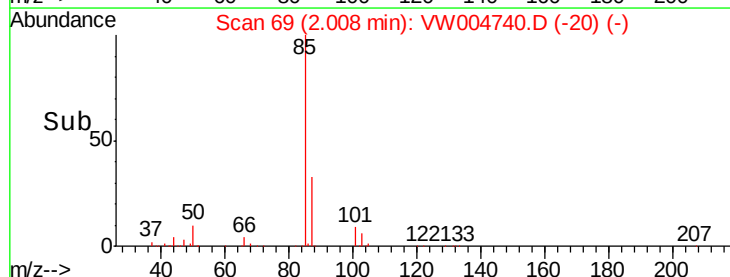
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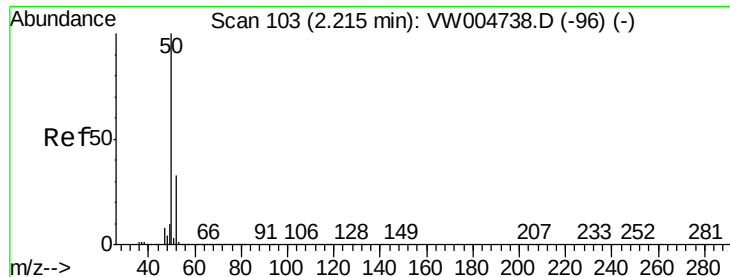
50000

0

2.00 2.20

Time-->





#3

Chloromethane

Concen: 101.55 ug/l

RT: 2.22 min Scan# 104

Delta R.T. 0.01 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICC100

Tot Ion: 50 Resp: 606136

Ion Ratio Lower Upper

50 100

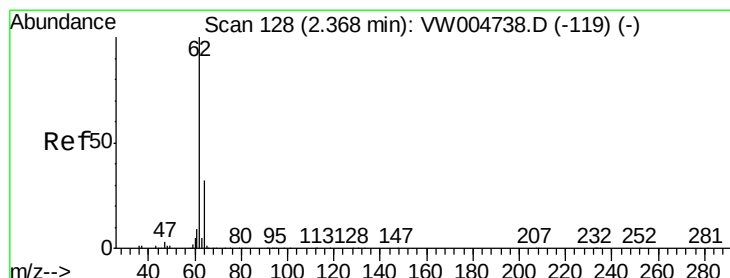
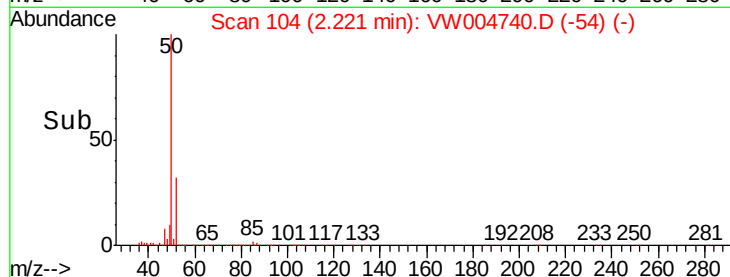
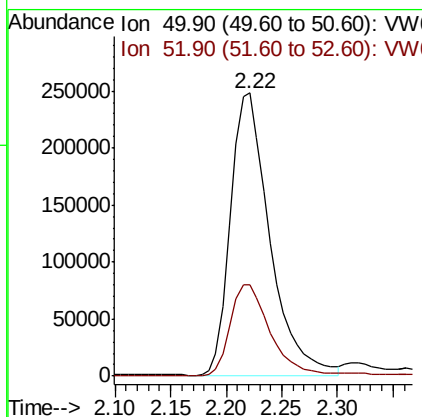
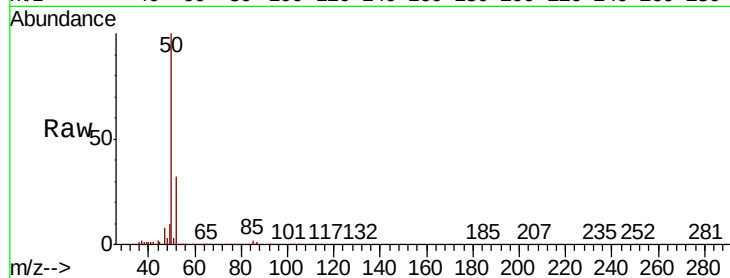
52 32.6 26.7 40.1

Manual Integrations

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#4

Vinyl Chloride

Concen: 97.86 ug/l

RT: 2.37 min Scan# 129

Delta R.T. 0.01 min

Lab File: VW004740.D

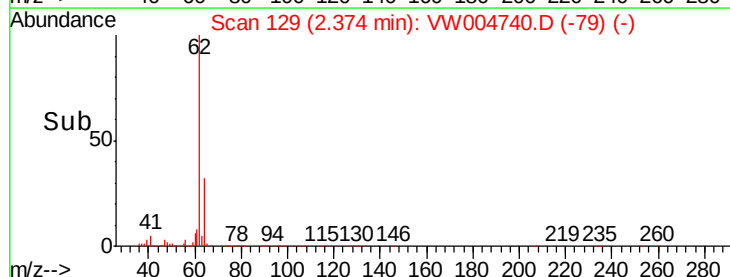
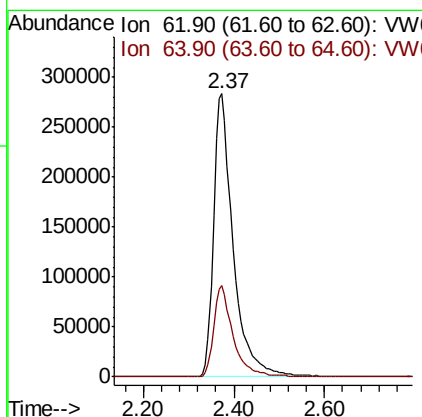
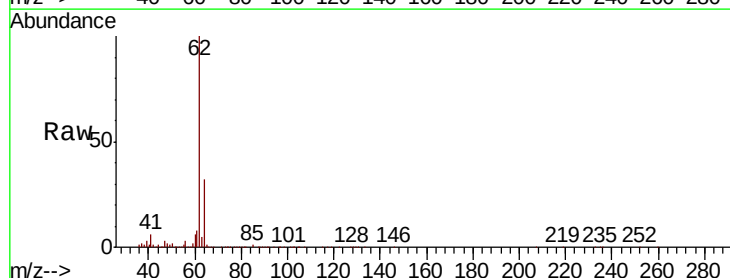
Acq: 17 Aug 2018 18:03

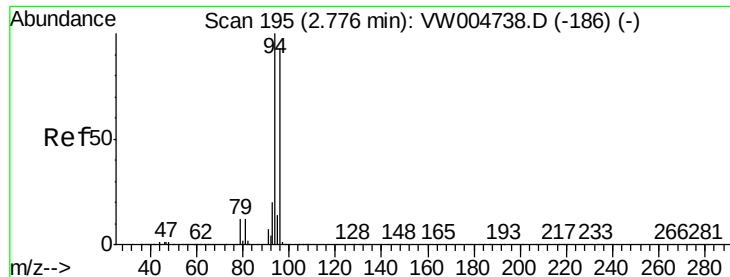
Tgt Ion: 62 Resp: 859747

Ion Ratio Lower Upper

62 100

64 32.1 25.2 37.8





#5

Bromomethane

Concen: 97.84 ug/l

RT: 2.78 min Scan# 196

Delta R.T. 0.01 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

Instrument :

MSVOA\_W

ClientSampleId :

VSTDICC100

Tot Ion: 94 Resp: 530872

Ion Ratio Lower Upper

94 100

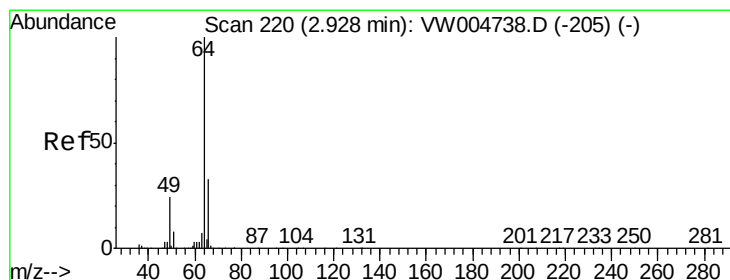
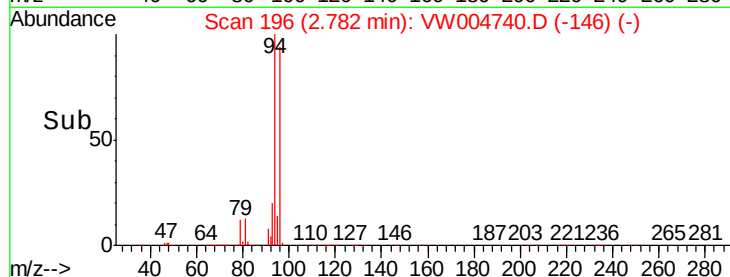
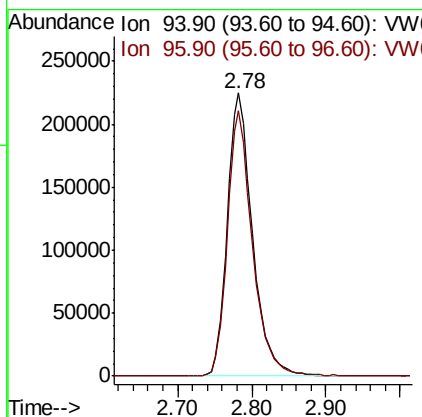
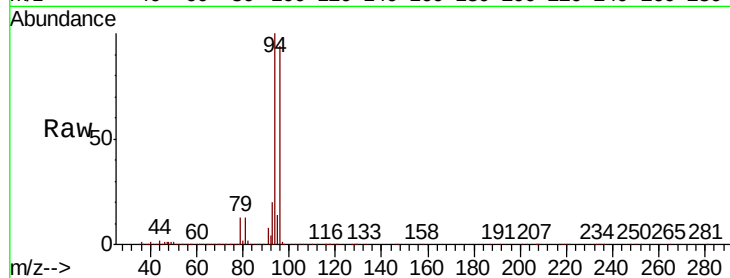
96 93.6 74.3 111.5

Manual Integrations

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#6

Chloroethane

Concen: 99.96 ug/l

RT: 2.92 min Scan# 219

Delta R.T. -0.01 min

Lab File: VW004740.D

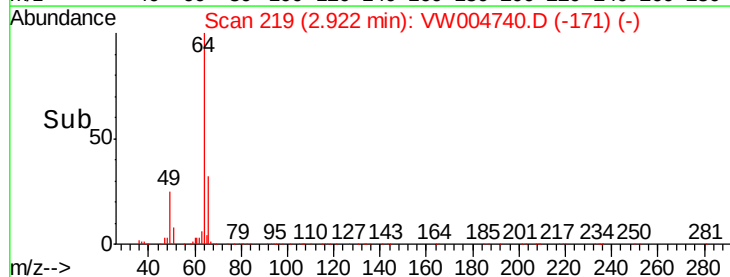
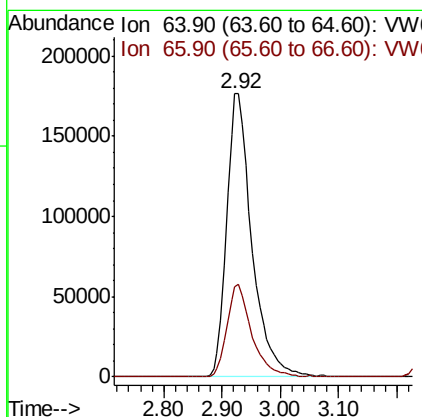
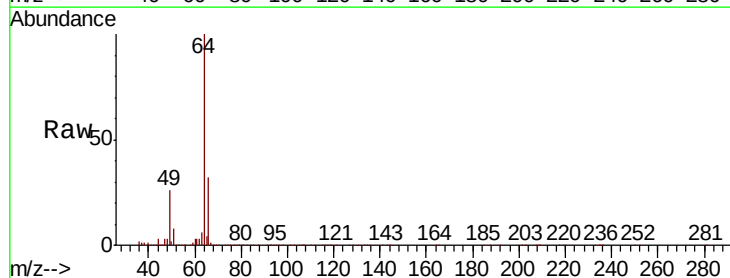
Acq: 17 Aug 2018 18:03

Tgt Ion: 64 Resp: 529907

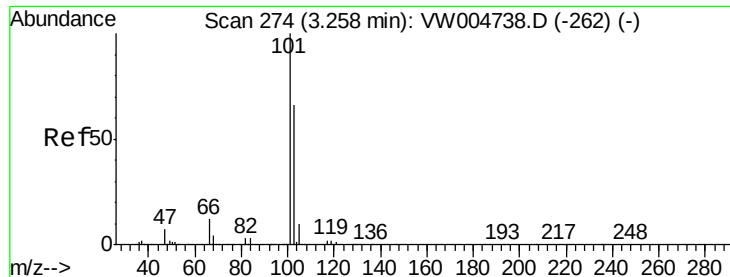
Ion Ratio Lower Upper

64 100

66 31.9 26.1 39.1







#7

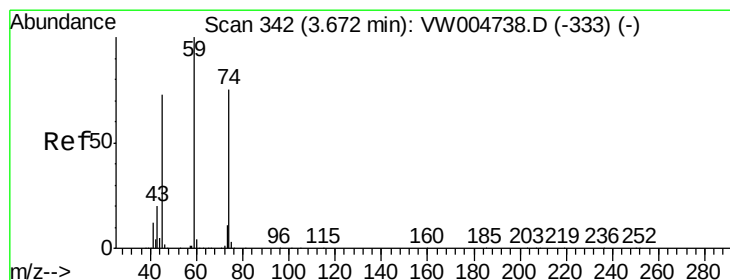
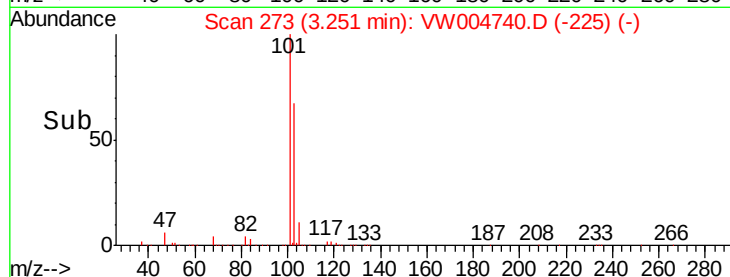
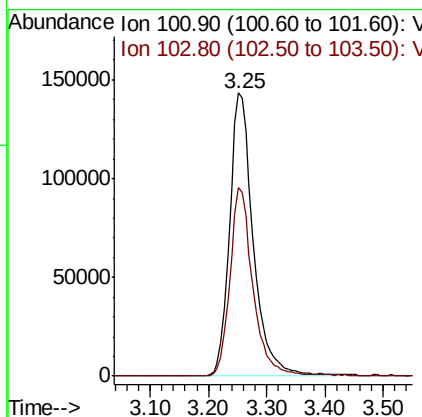
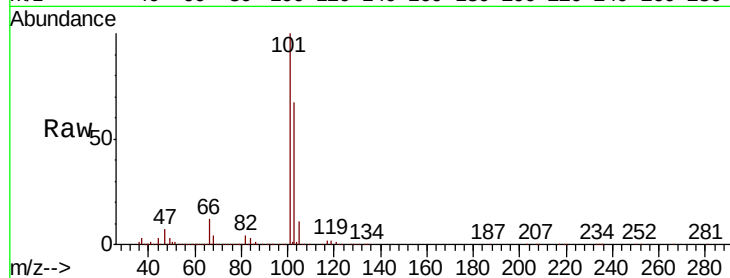
Trichlorofluoromethane  
 Concen: 98.14 ug/l  
 RT: 3.25 min Scan# 273  
 Delta R.T. -0.01 min  
 Lab File: VW004740.D  
 Acq: 17 Aug 2018 18:03

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 101     | 100  |       | 406208 |       |       |
| 103     | 66.6 | 52.5  | 78.7   |       |       |

Manual Integrations  
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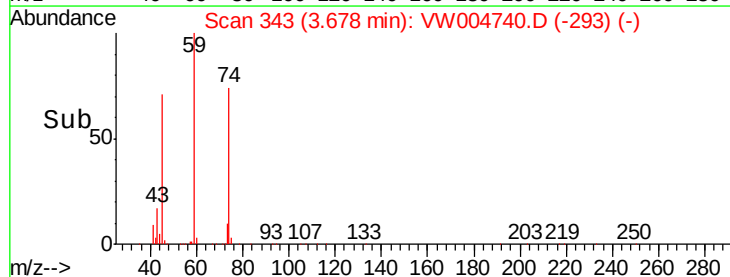
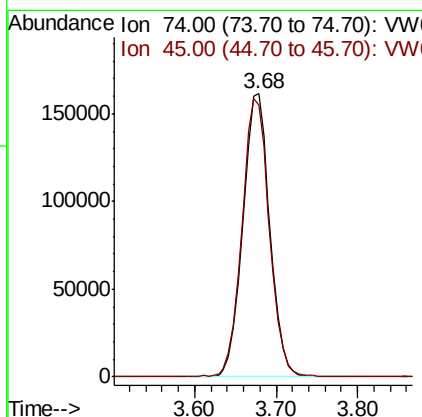
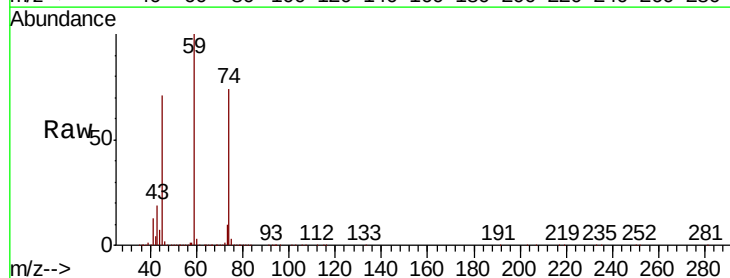
apatel  
 8/20/2018 9:54:02 AM



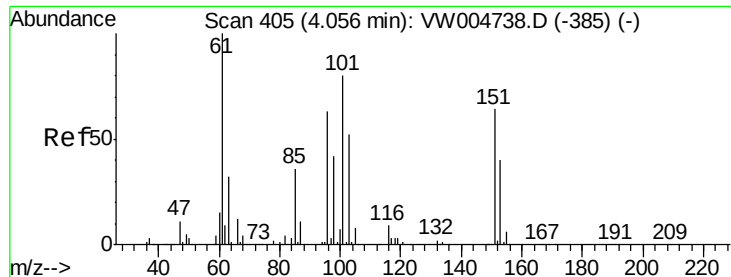
#8

Diethyl Ether  
 Concen: 98.75 ug/l  
 RT: 3.68 min Scan# 343  
 Delta R.T. 0.01 min  
 Lab File: VW004740.D  
 Acq: 17 Aug 2018 18:03

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 74      | 100  |       | 369564 |       |       |
| 45      | 99.2 | 49.8  | 149.3  |       |       |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 97.49 ug/l

RT: 4.06 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

Instrument :

MSVOA\_W

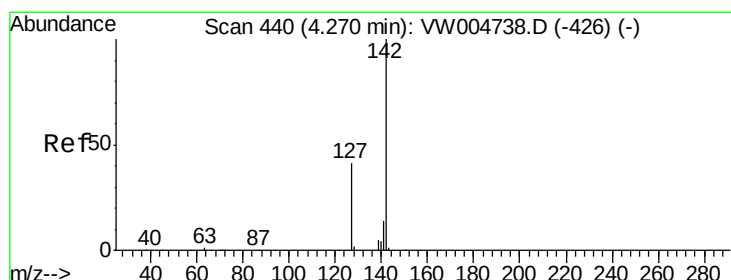
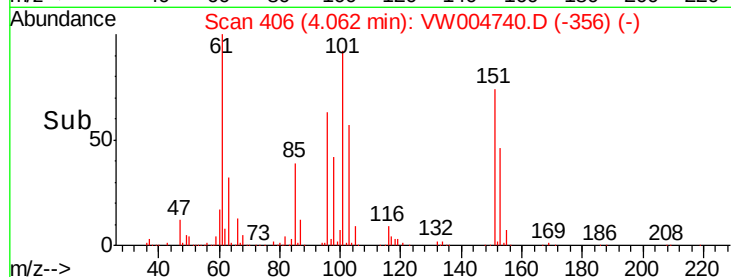
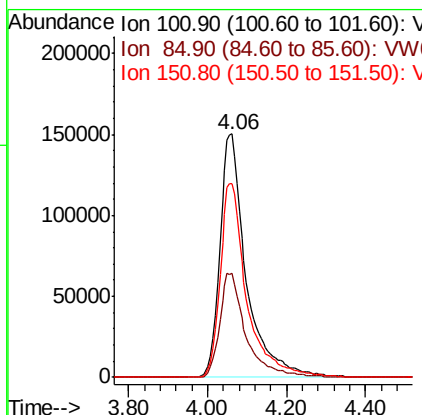
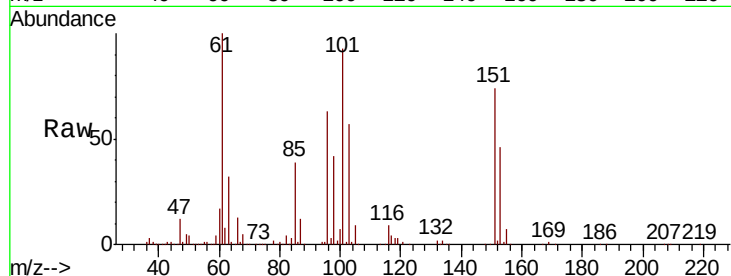
ClientSampled :

VSTDIC100

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 101   | Resp: | 694818 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 42.7  | 33.9  | 50.9   |
| 151       | 80.4  | 63.4  | 95.2   |

Manual Integrations  
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#10

Methyl Iodide

Concen: 100.92 ug/l

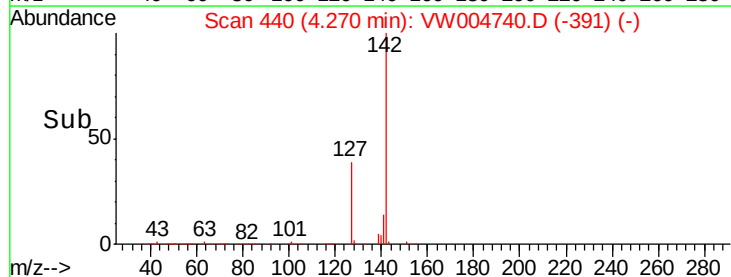
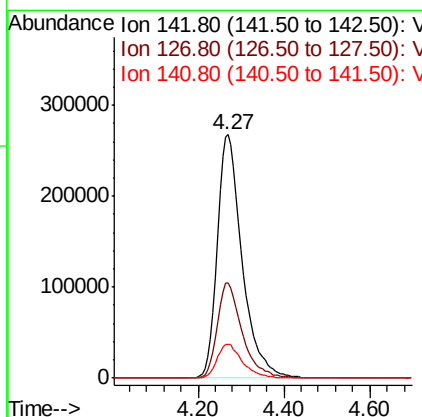
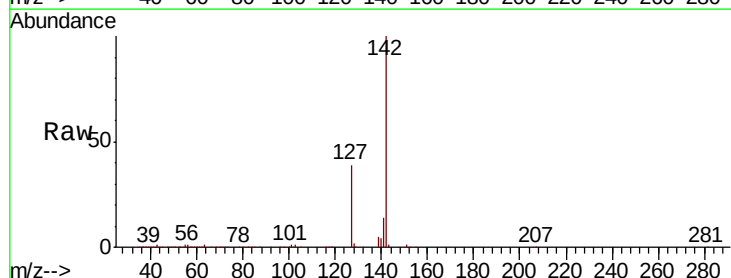
RT: 4.27 min Scan# 440

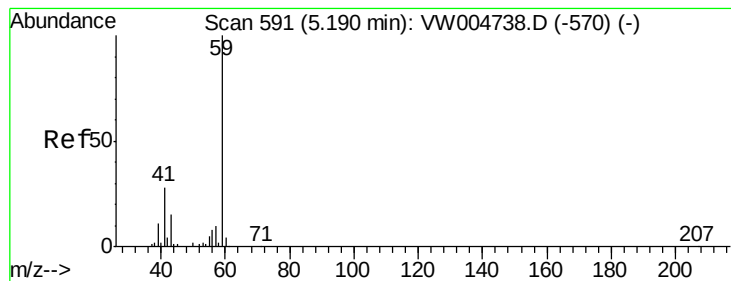
Delta R.T. -0.00 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 142   | Resp: | 1092410 |
| Ion Ratio | Lower | Upper |         |
| 142       | 100   |       |         |
| 127       | 39.4  | 32.1  | 48.1    |
| 141       | 14.3  | 11.7  | 17.5    |





#11

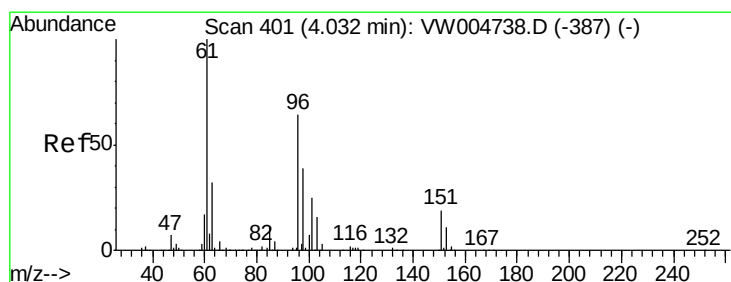
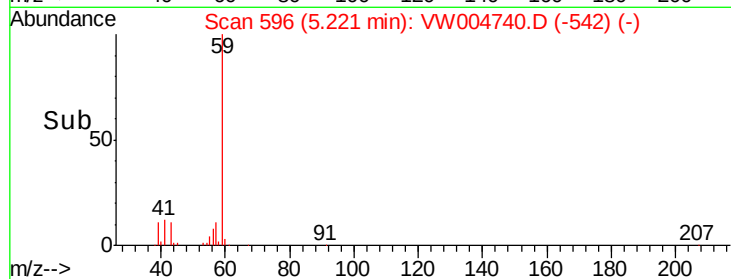
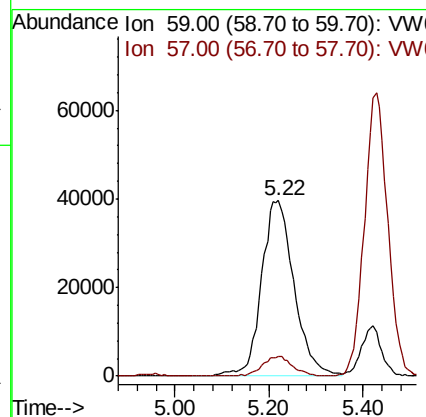
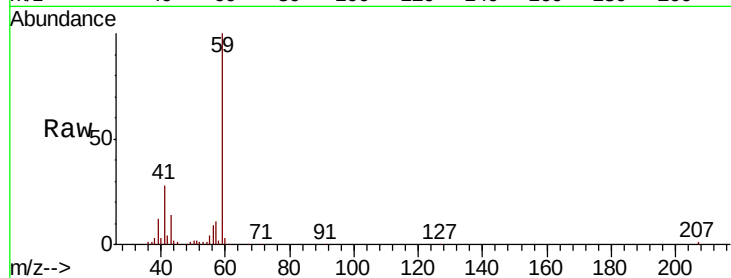
Tert butyl alcohol  
 Concen: 511.16 ug/l  
 RT: 5.22 min Scan# 596  
 Delta R.T. 0.03 min  
 Lab File: VW004740.D  
 Acq: 17 Aug 2018 18:03

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 10.6  | 8.4   | 12.6  |

Manual Integrations  
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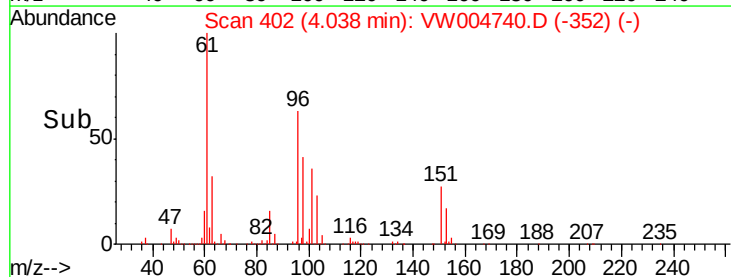
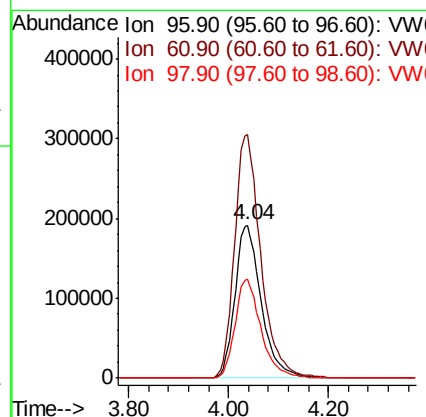
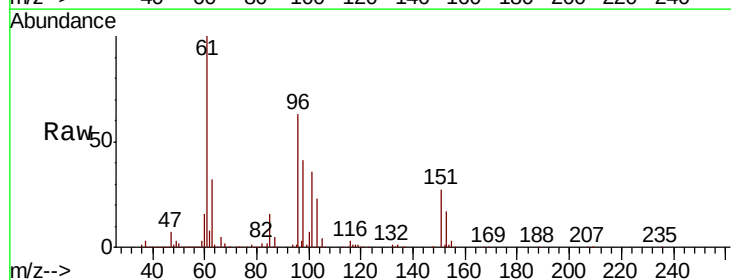
apatel  
 8/20/2018 9:54:02 AM

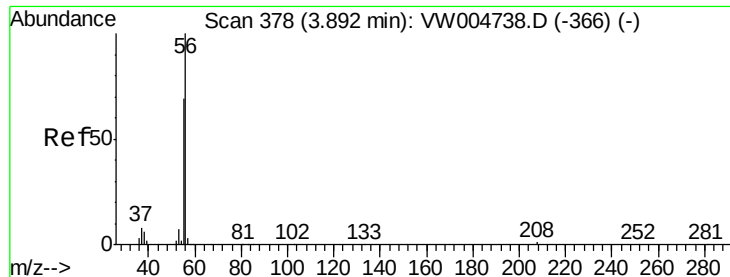


#12

1,1-Dichloroethene  
 Concen: 98.51 ug/l  
 RT: 4.04 min Scan# 402  
 Delta R.T. 0.01 min  
 Lab File: VW004740.D  
 Acq: 17 Aug 2018 18:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 159.4 | 125.6 | 188.4 |
| 98      | 65.1  | 49.4  | 74.0  |





#13

Acrolein

Concen: 471.38 ug/l

RT: 3.89 min Scan# 378

Delta R.T. -0.00 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC100

Tot Ion: 56 Resp: 235474

Ion Ratio Lower Upper

56 100

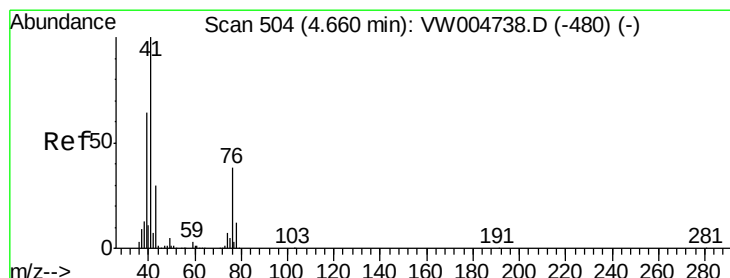
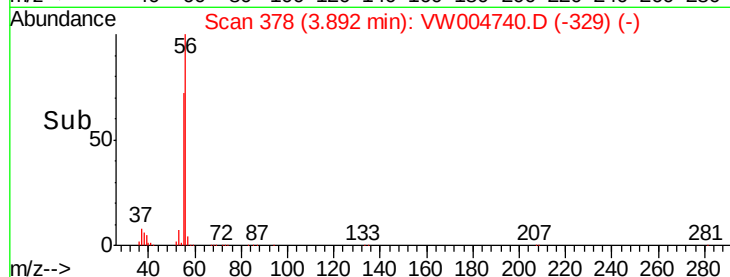
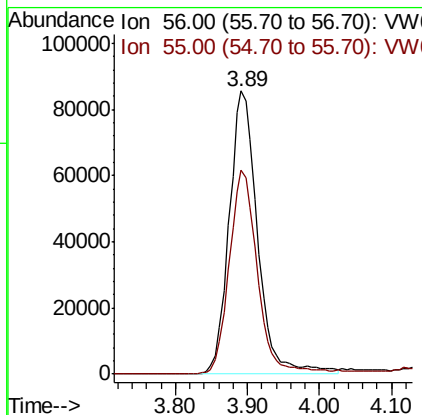
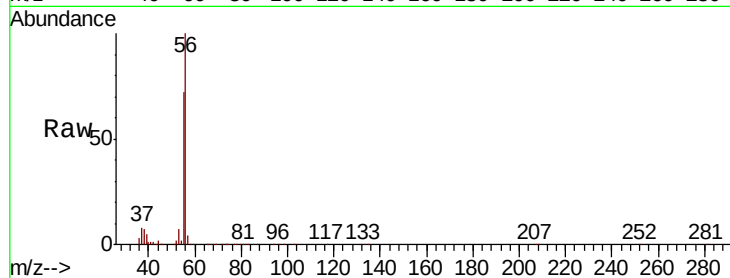
55 69.8 56.1 84.1

Manual Integrations

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#14

Allyl chloride

Concen: 103.18 ug/l

RT: 4.66 min Scan# 504

Delta R.T. -0.00 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

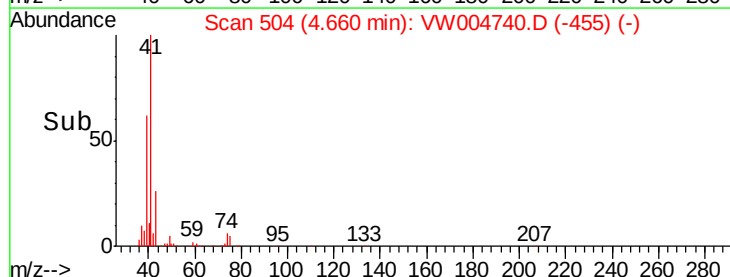
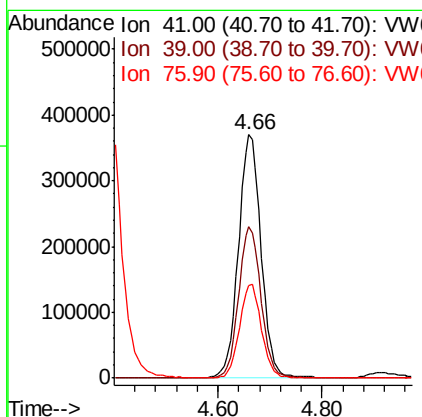
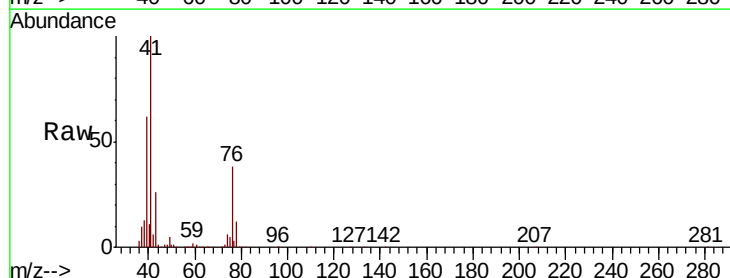
Tgt Ion: 41 Resp: 1112116

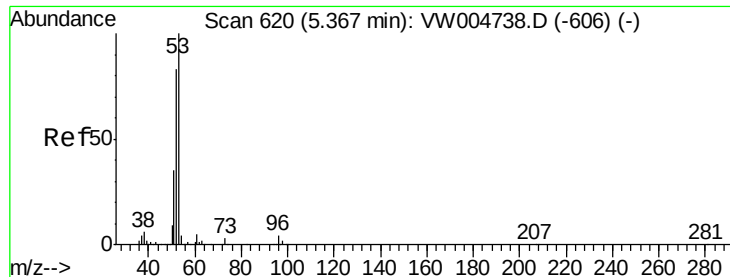
Ion Ratio Lower Upper

41 100

39 61.4 50.0 75.0

76 36.9 29.8 44.6





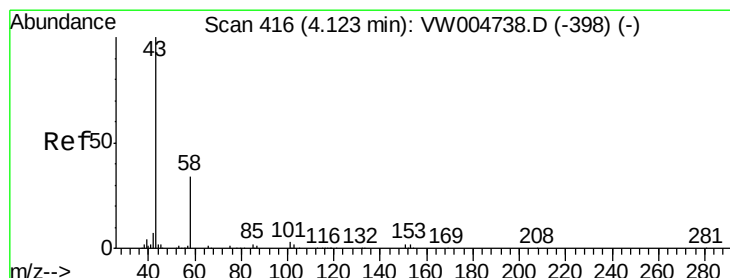
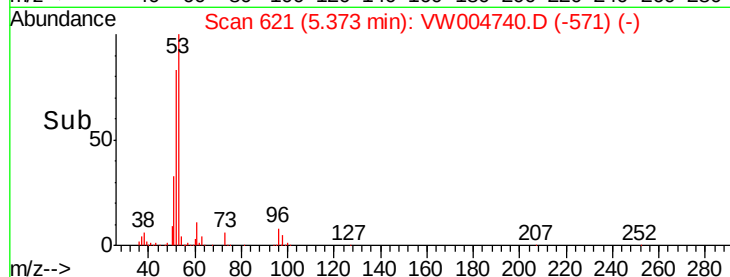
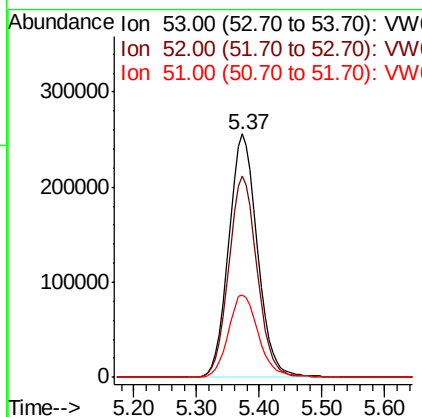
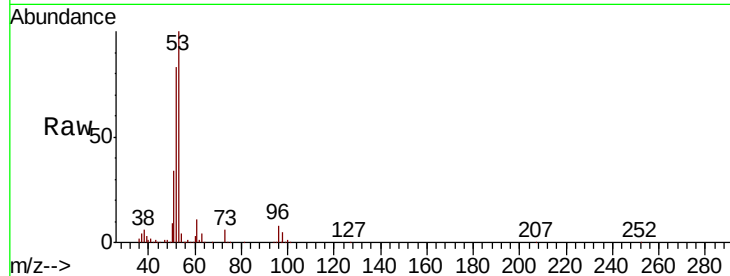
#15  
 Acrylonitrile  
 Concen: 515.75 ug/l  
 RT: 5.37 min Scan# 621  
 Delta R.T. 0.01 min  
 Lab File: VW004740.D  
 Acq: 17 Aug 2018 18:03

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 53    | Resp: | 809415 |
| Ion Ratio | Lower | Upper |        |
| 53        | 100   |       |        |
| 52        | 82.1  | 65.8  | 98.6   |
| 51        | 35.4  | 28.7  | 43.1   |

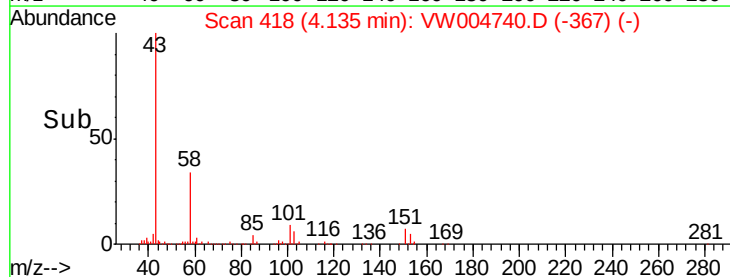
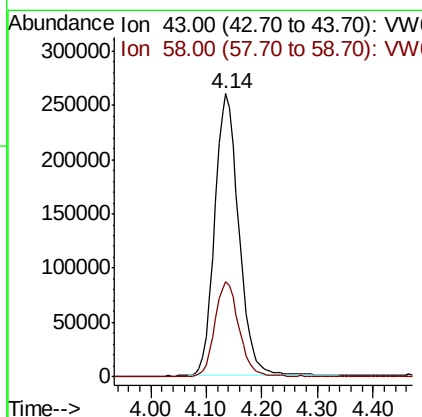
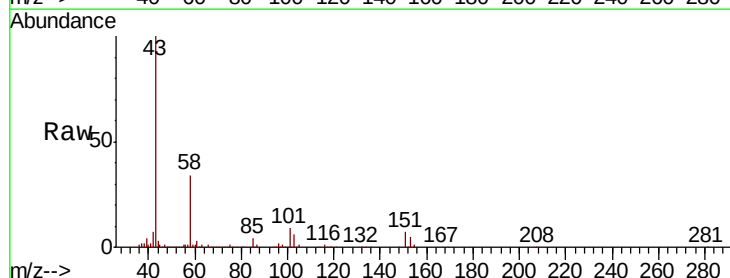
Manual Integrations  
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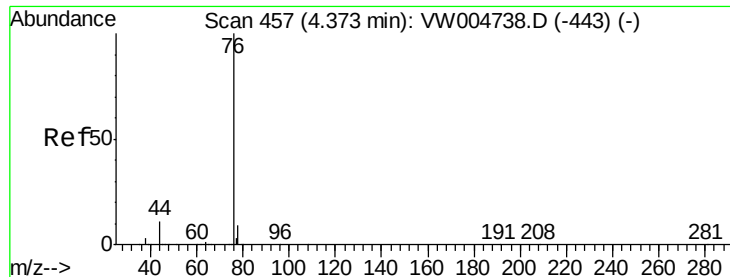
apatel  
 8/20/2018 9:54:02 AM



#16  
 Acetone  
 Concen: 457.43 ug/l  
 RT: 4.14 min Scan# 418  
 Delta R.T. 0.01 min  
 Lab File: VW004740.D  
 Acq: 17 Aug 2018 18:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 778062 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 33.6  | 27.3  | 40.9   |





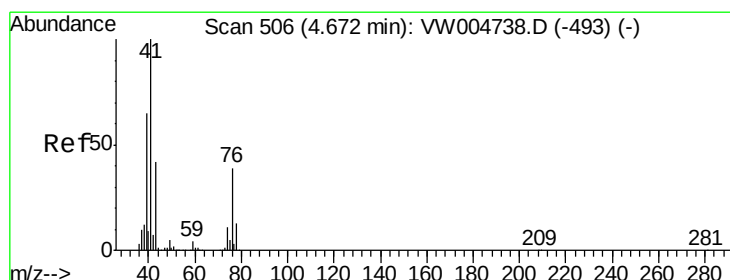
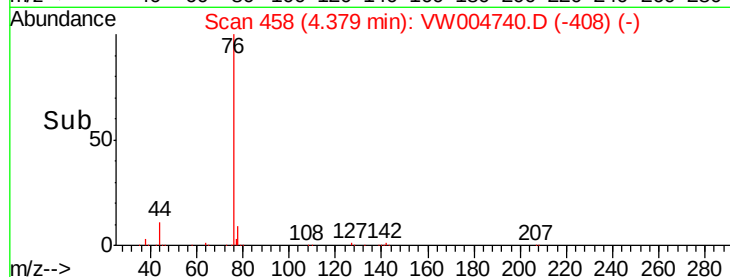
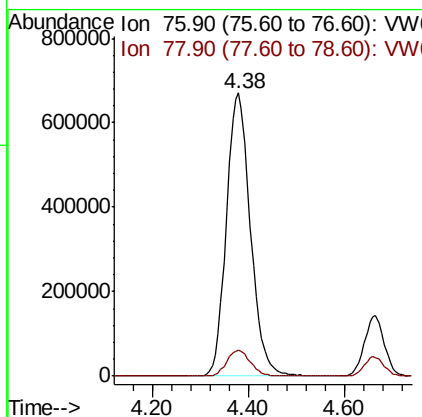
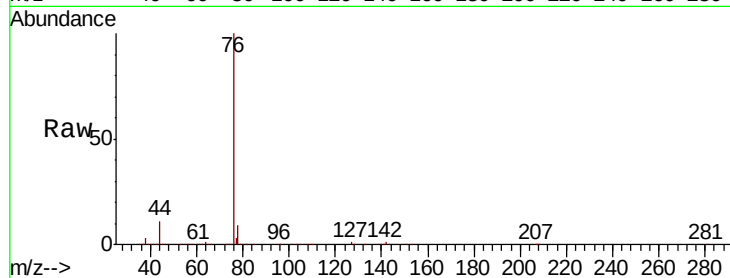
#17  
Carbon Disulfide  
Concen: 99.72 ug/l  
RT: 4.38 min Scan# 458  
Delta R.T. 0.01 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

Tot Ion: 76 Resp: 2327449  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.4 11.2

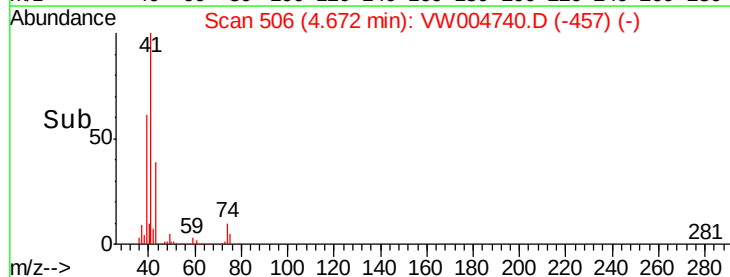
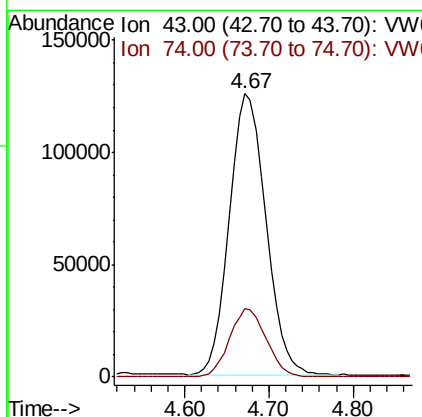
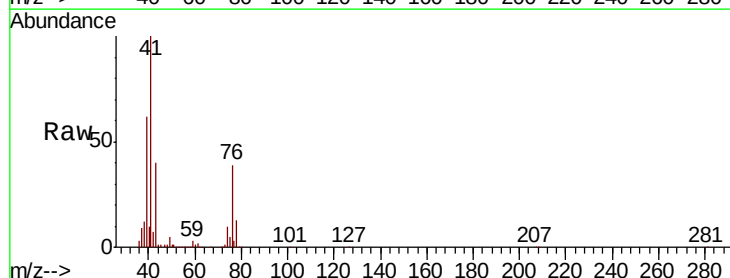
Manual Integrations  
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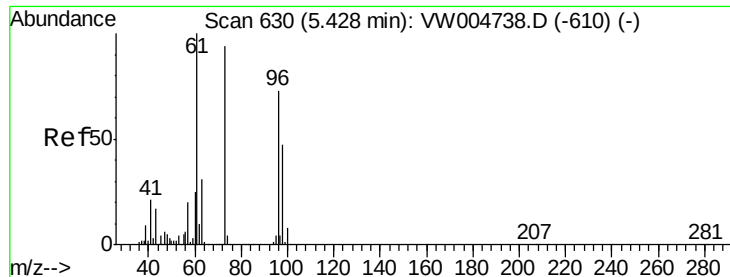
apatel  
8/20/2018 9:54:02 AM



#18  
Methyl Acetate  
Concen: 101.76 ug/l  
RT: 4.67 min Scan# 506  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

Tgt Ion: 43 Resp: 370909  
Ion Ratio Lower Upper  
43 100  
74 24.5 19.8 29.8





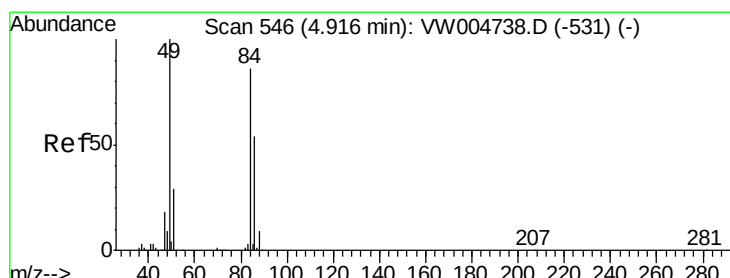
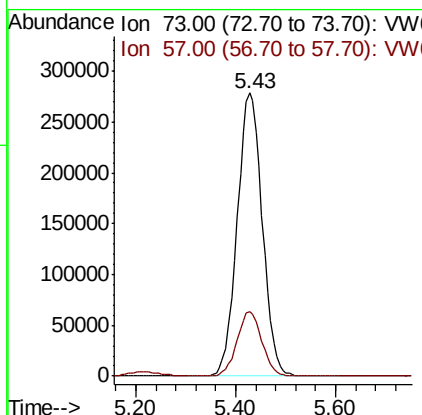
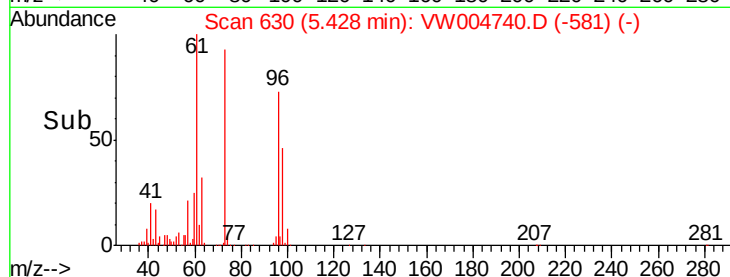
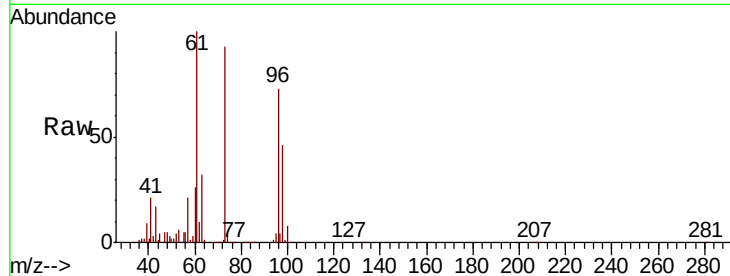
#19  
Methyl tert-butyl Ether  
Concen: 105.23 ug/l  
RT: 5.43 min Scan# 630  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 22.9  | 17.3  | 25.9  |

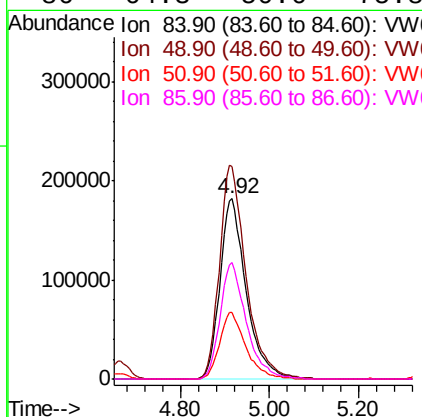
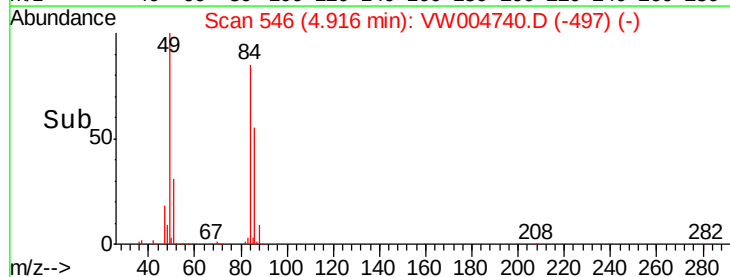
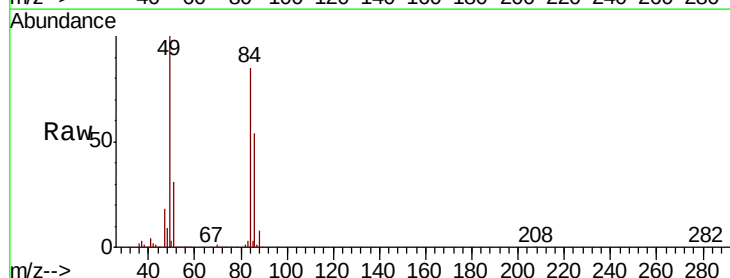
Manual Integrations  
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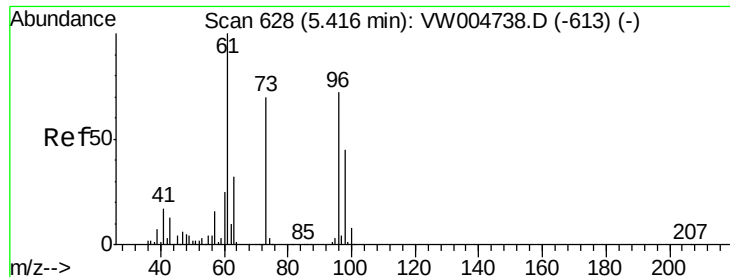
apatel  
8/20/2018 9:54:02 AM



#20  
Methylene Chloride  
Concen: 80.26 ug/l  
RT: 4.92 min Scan# 546  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 118.1 | 93.2  | 139.8 |
| 51      | 36.9  | 27.4  | 41.0  |
| 86      | 64.3  | 50.6  | 75.8  |





#21

trans-1,2-Dichloroethene

Concen: 100.69 ug/l

RT: 5.42 min Scan# 628

Delta R.T. -0.00 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC100

Tot Ion: 96 Resp: 760922

Ion Ratio Lower Upper

96 100

61 139.1 111.4 167.0

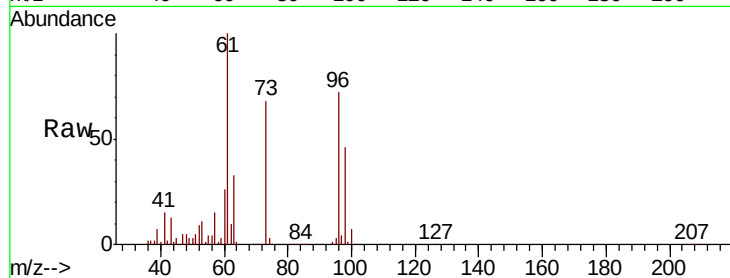
98 63.7 49.7 74.5

Manual Integrations

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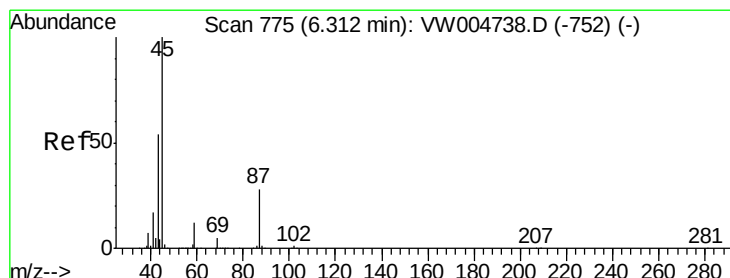
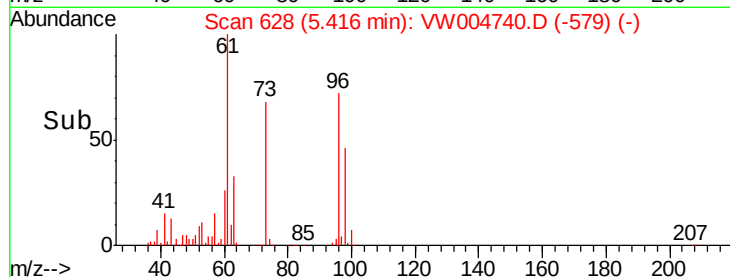
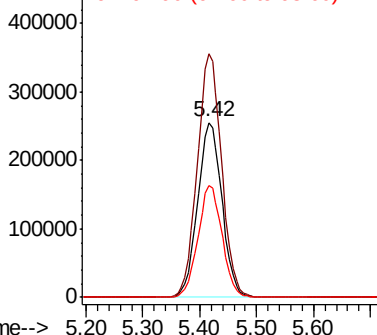


Abundance

Ion 95.90 (95.60 to 96.60): VW

Ion 60.90 (60.60 to 61.60): VW

Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 104.19 ug/l

RT: 6.31 min Scan# 775

Delta R.T. -0.00 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

Tgt Ion: 45 Resp: 2158515

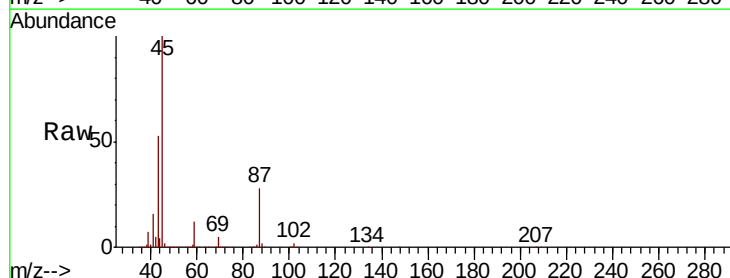
Ion Ratio Lower Upper

45 100

43 52.5 43.0 64.6

87 27.6 22.2 33.4

59 11.9 9.8 14.6



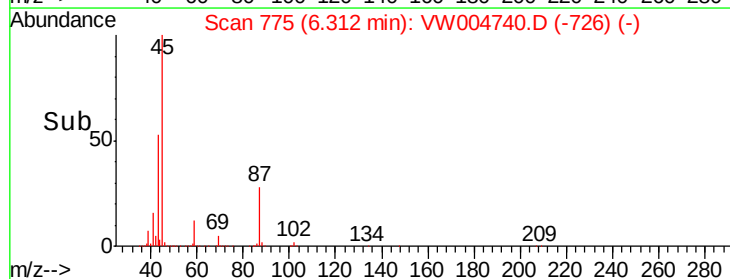
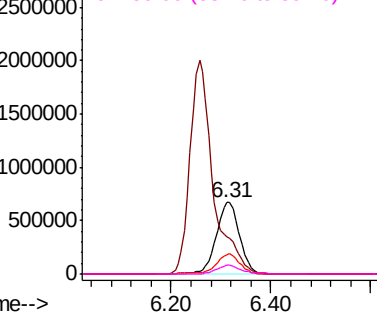
Abundance

Ion 45.00 (44.70 to 45.70): VW

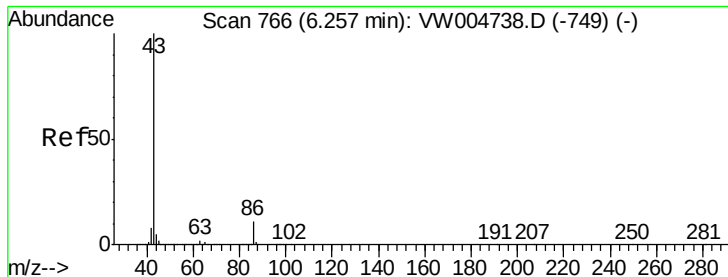
Ion 43.00 (42.70 to 43.70): VW

Ion 87.00 (86.70 to 87.70): VW

Ion 59.00 (58.70 to 59.70): VW







#23

Vinyl Acetate

Concen: 549.37 ug/l

RT: 6.26 min Scan# 766

Delta R.T. -0.00 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC100

Tot Ion: 43 Resp: 6437377

Ion Ratio Lower Upper

43 100

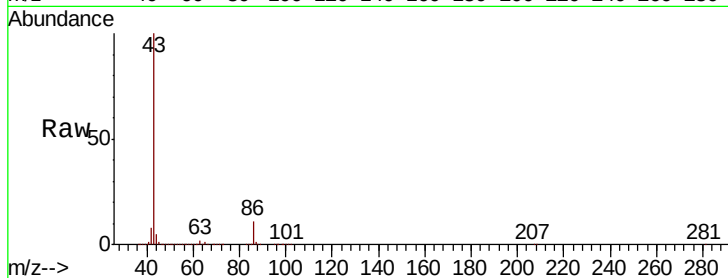
86 10.9 8.5 12.7

Manual Integrations

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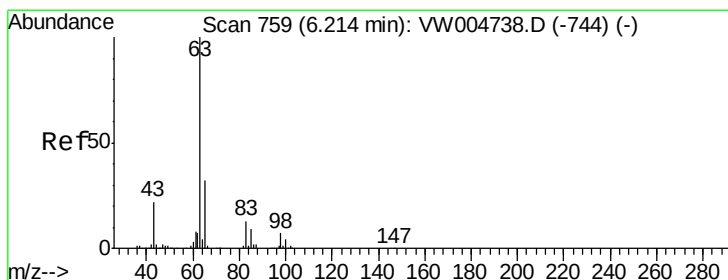
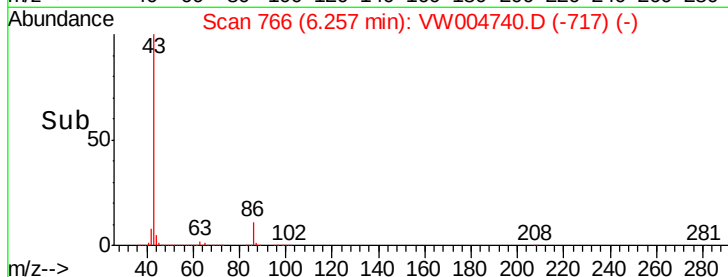
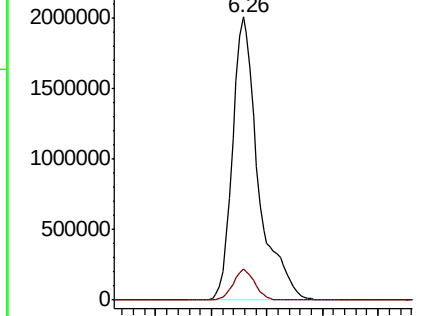
apatel

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 99.56 ug/l

RT: 6.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

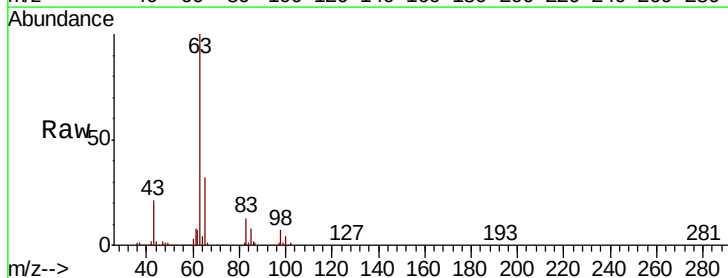
Tgt Ion: 63 Resp: 1340254

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.4

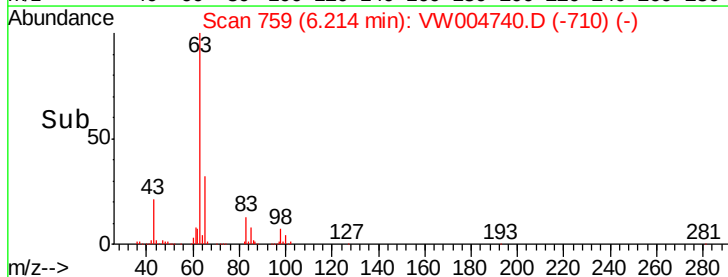
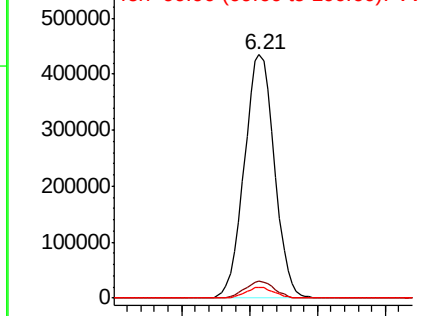
100 4.4 2.1 6.3

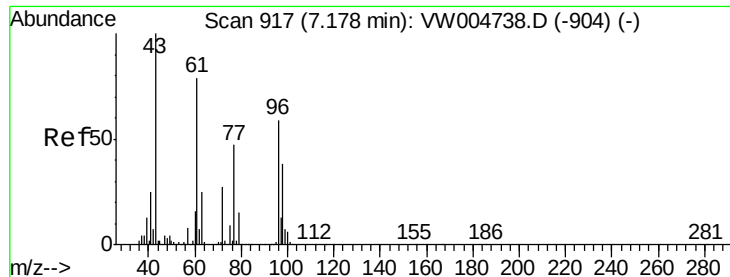


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 521.50 ug/l

RT: 7.18 min Scan# 917

Delta R.T. -0.00 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

Tot Ion: 43 Resp: 1263858

Ion Ratio Lower Upper

43 100

72 26.8 22.0 33.0

Instrument :

MSVOA\_W

ClientSampled :

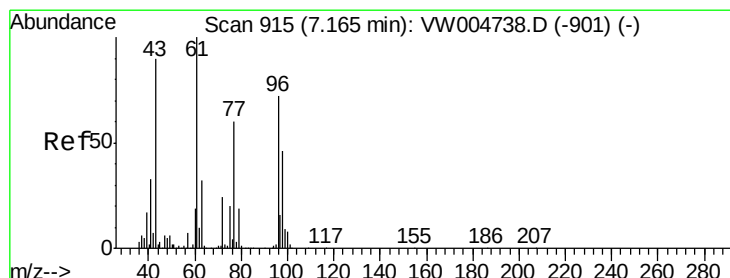
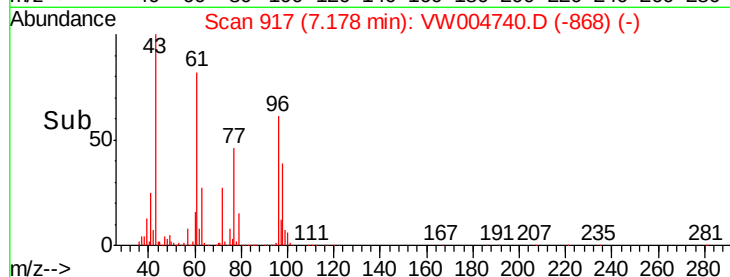
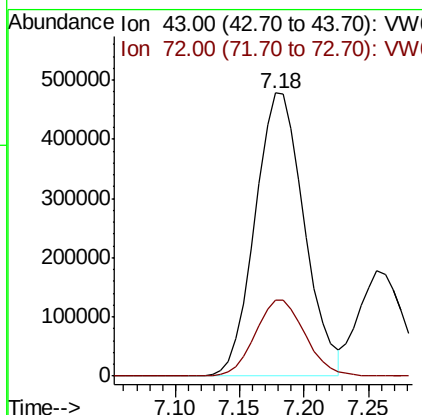
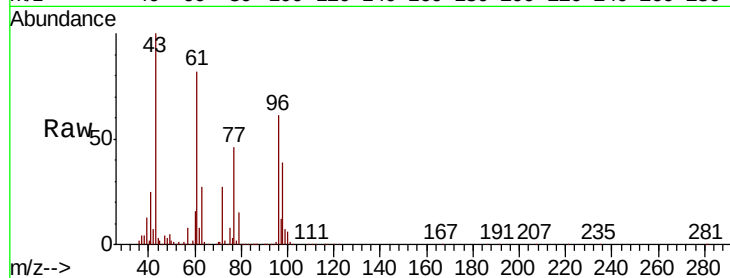
VSTDIC100

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#26

2,2-Dichloropropane

Concen: 92.60 ug/l

RT: 7.17 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW004740.D

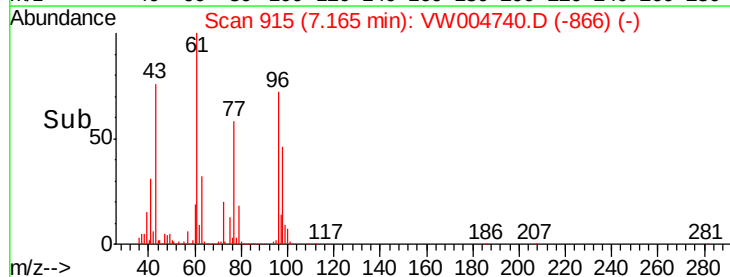
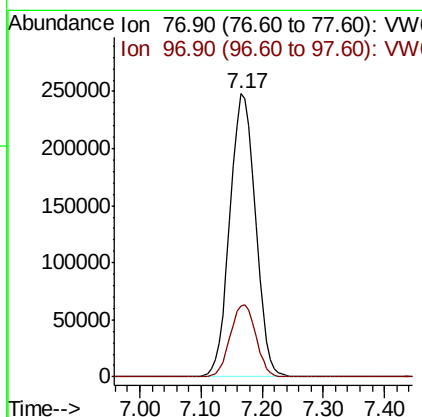
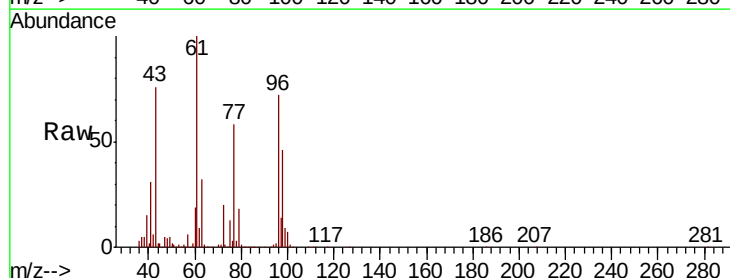
Acq: 17 Aug 2018 18:03

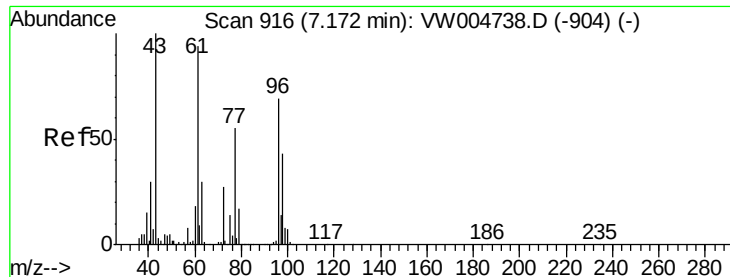
Tgt Ion: 77 Resp: 720053

Ion Ratio Lower Upper

77 100

97 25.4 12.6 37.8





#27

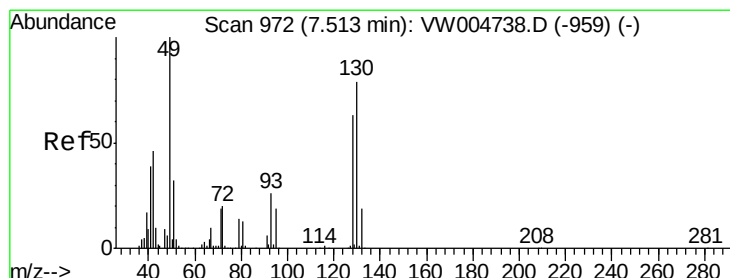
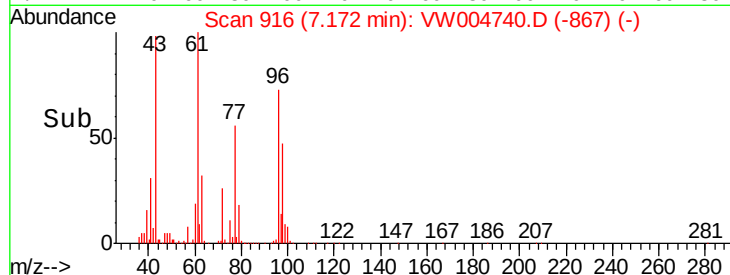
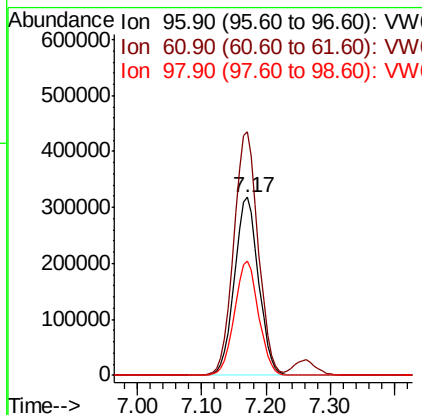
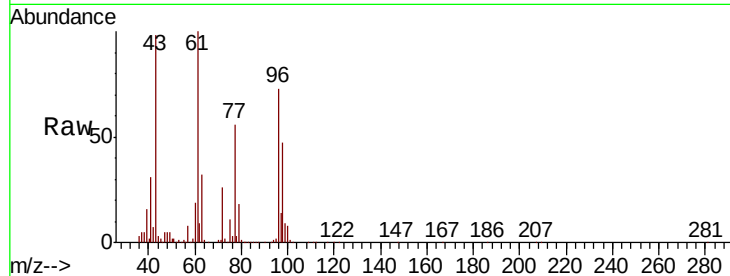
cis-1,2-Dichloroethene  
Concen: 101.98 ug/l  
RT: 7.17 min Scan# 916  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC100

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 96      | 100   | 829646 |       |       |
| 61      | 138.4 |        | 0.0   | 277.6 |
| 98      | 63.9  |        | 0.0   | 127.4 |

Manual Integrations  
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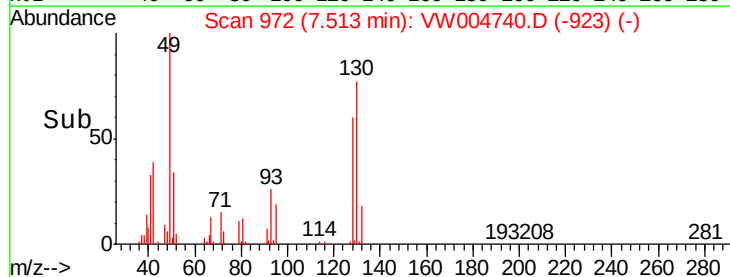
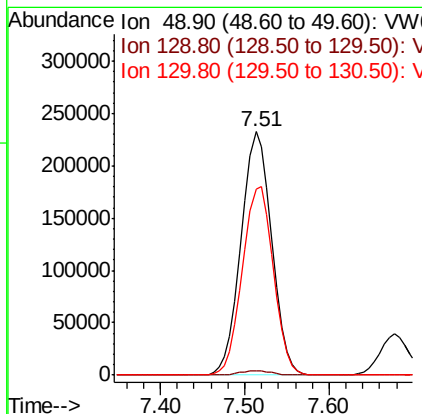
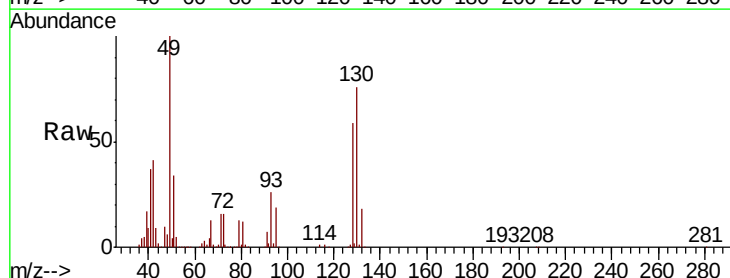
apatel  
8/20/2018 9:54:02 AM

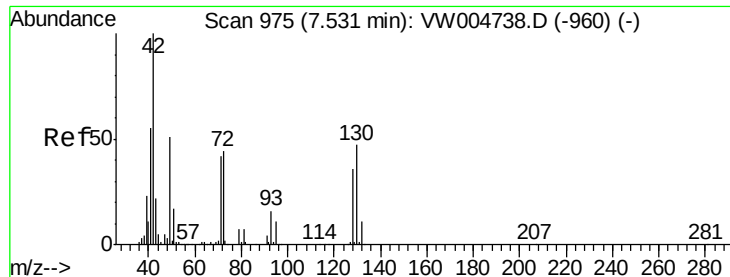


#28

Bromochloromethane  
Concen: 100.55 ug/l  
RT: 7.51 min Scan# 972  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 49      | 100   | 570010 |       |       |
| 129     | 2.0   |        | 0.0   | 4.4   |
| 130     | 78.5  |        | 63.7  | 95.5  |





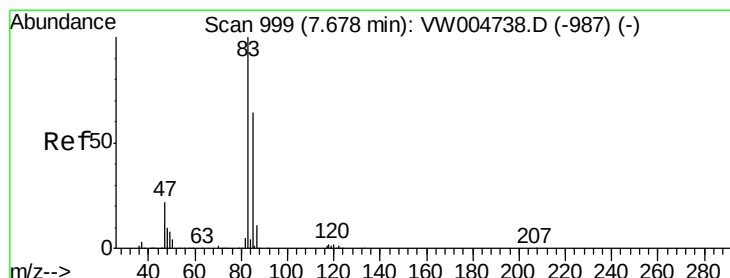
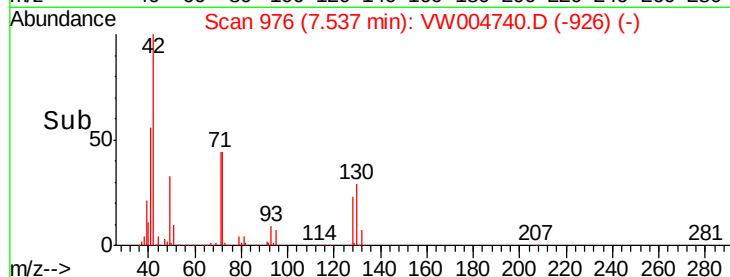
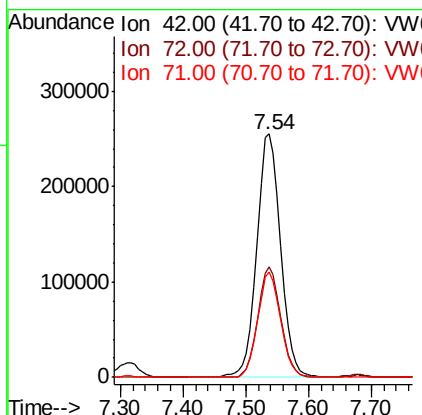
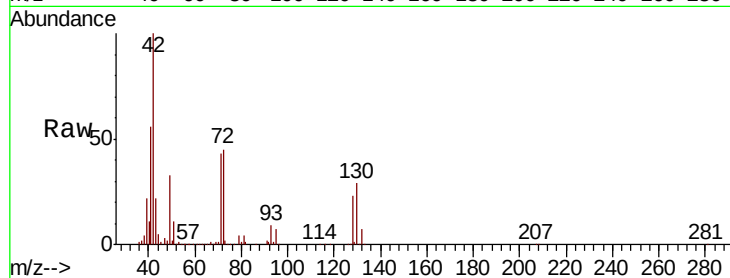
#29  
Tetrahydrofuran  
Concen: 541.14 ug/l  
RT: 7.54 min Scan# 976  
Delta R.T. 0.01 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

| Tot Ion | 42.00 (41.70 to 42.70): VW | Resp  | 668736 |
|---------|----------------------------|-------|--------|
| Ion     | Ratio                      | Lower | Upper  |
| 42      | 100                        |       |        |
| 72      | 43.9                       | 34.9  | 52.3   |
| 71      | 41.8                       | 33.8  | 50.6   |

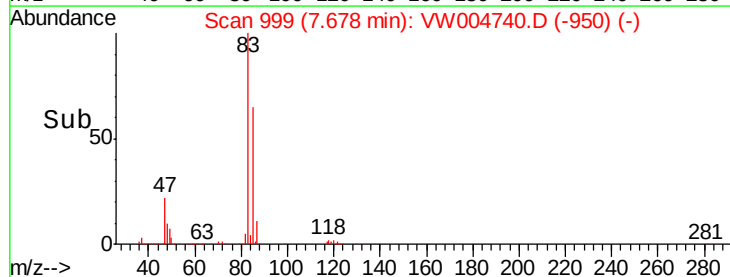
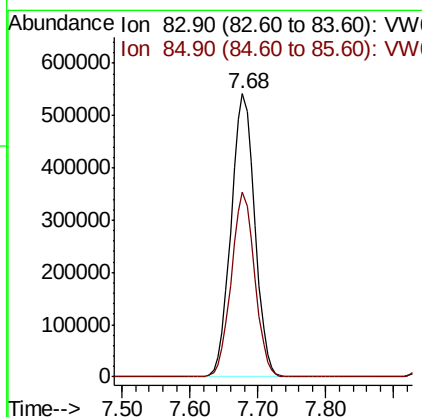
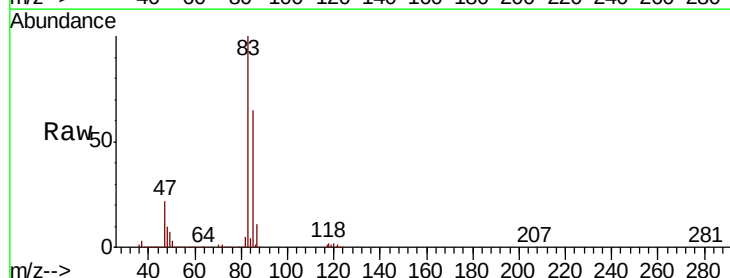
Manual Integrations  
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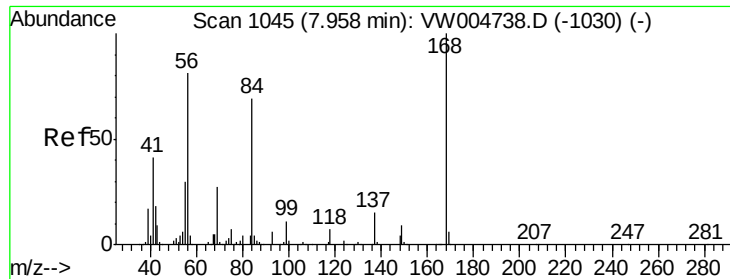
apatel  
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#30  
Chloroform  
Concen: 98.58 ug/l  
RT: 7.68 min Scan# 999  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

| Tgt Ion | 83.00 (82.60 to 83.60): VW | Resp  | 1305168 |
|---------|----------------------------|-------|---------|
| Ion     | Ratio                      | Lower | Upper   |
| 83      | 100                        |       |         |
| 85      | 65.5                       | 51.0  | 76.6    |





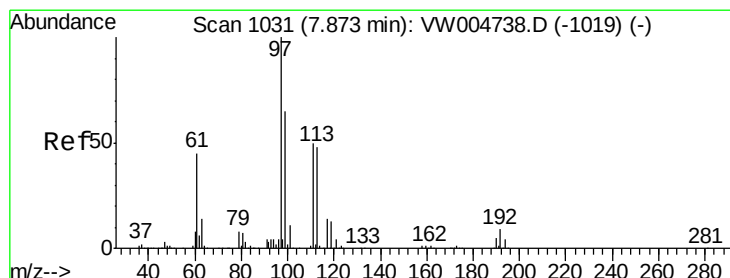
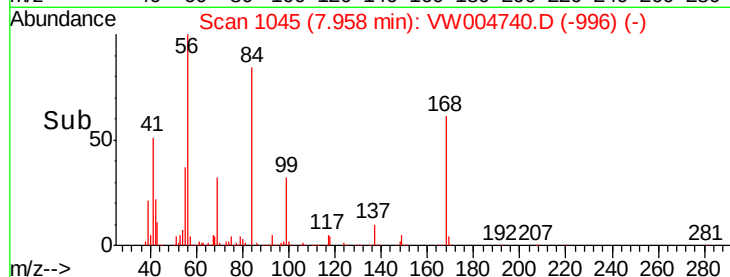
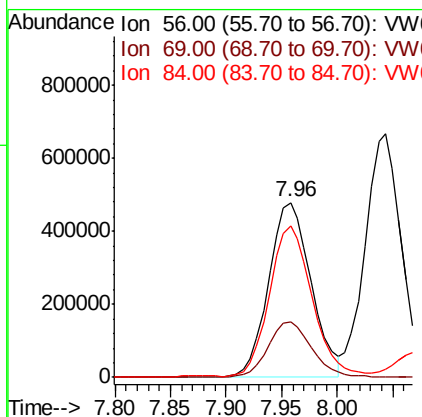
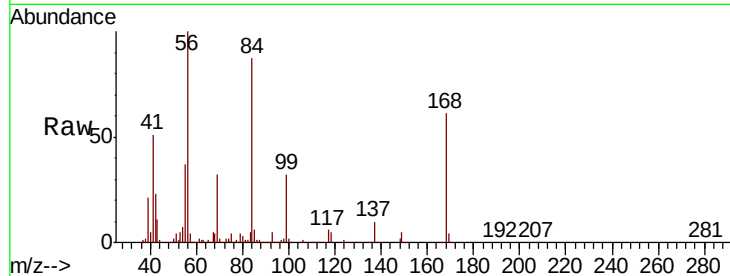
#31  
Cyclohexane  
Concen: 97.27 ug/l  
RT: 7.96 min Scan# 1045  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 32.1  | 27.1  | 40.7  |
| 84      | 85.6  | 68.3  | 102.5 |

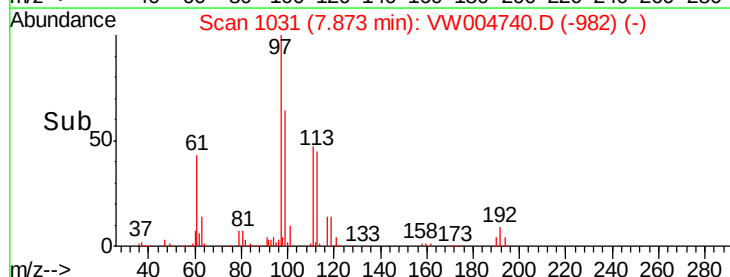
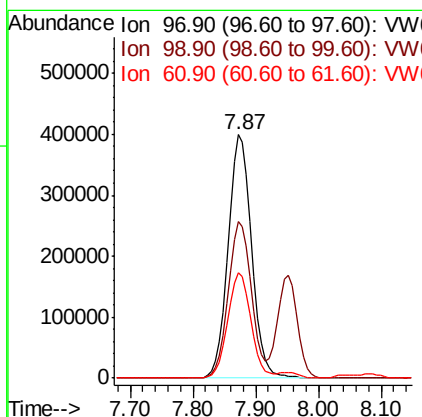
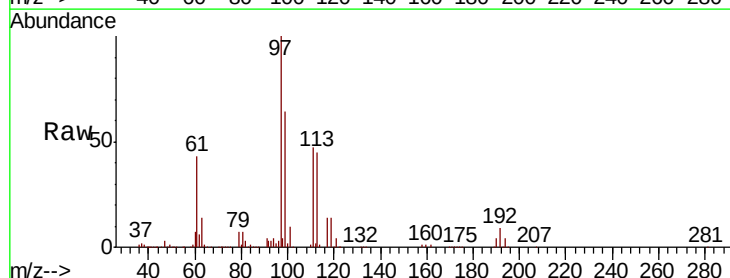
Manual Integrations  
APPROVED

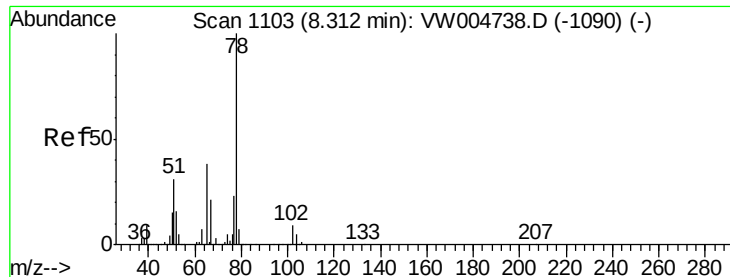
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#32  
1,1,1-Trichloroethane  
Concen: 98.44 ug/l  
RT: 7.87 min Scan# 1031  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 63.5  | 51.7  | 77.5  |
| 61      | 42.8  | 34.4  | 51.6  |





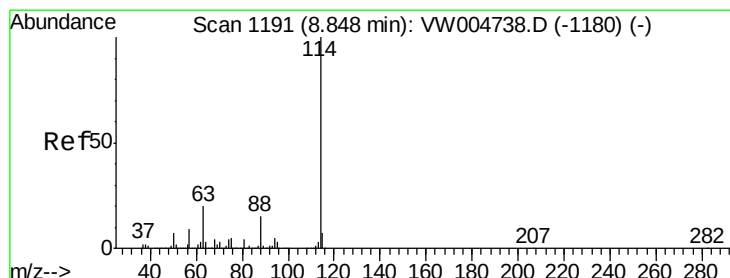
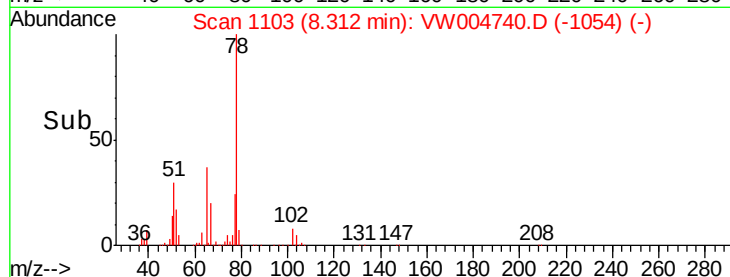
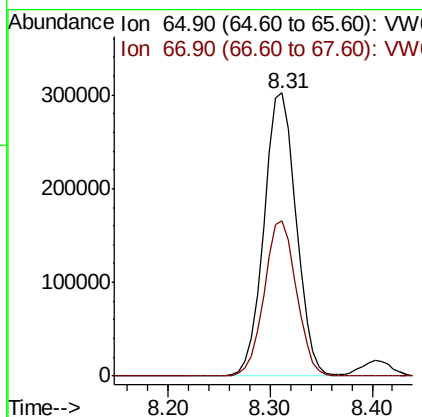
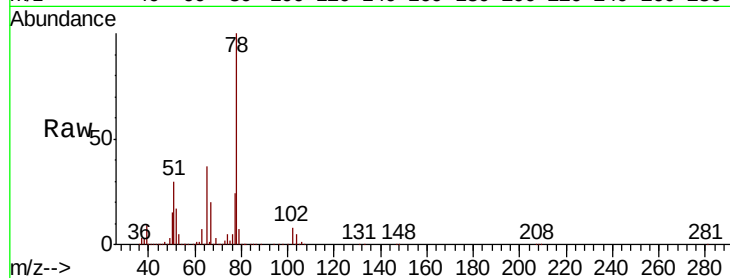
#33  
 1,2-Dichloroethane-d4  
 Concen: 99.26 ug/l  
 RT: 8.31 min Scan# 1103  
 Delta R.T. -0.00 min  
 Lab File: VW004740.D  
 Acq: 17 Aug 2018 18:03

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 661364 |       |       |
| 67      | 54.9  | 0.0    | 109.4 |       |

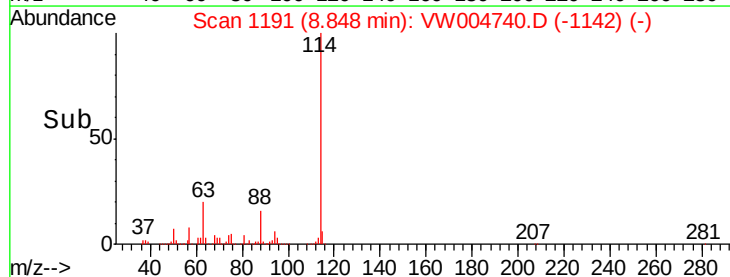
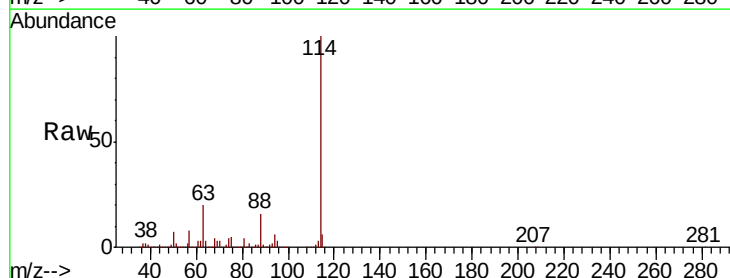
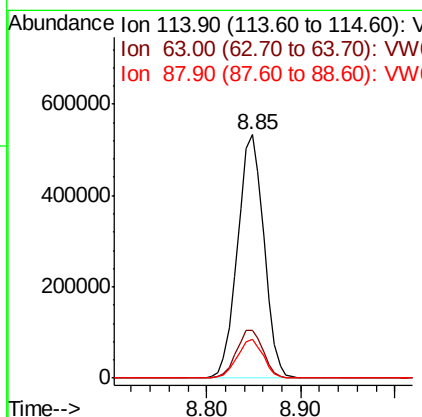
Manual Integrations  
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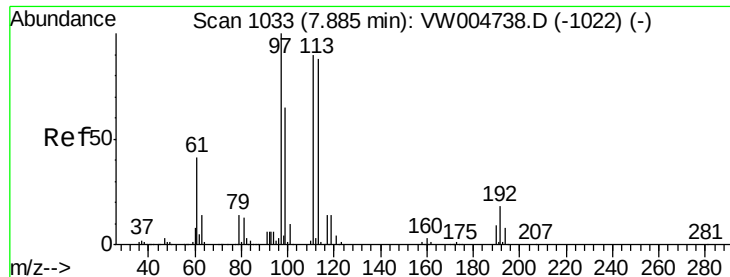
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#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 8.85 min Scan# 1191  
 Delta R.T. -0.00 min  
 Lab File: VW004740.D  
 Acq: 17 Aug 2018 18:03

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 114     | 100   | 1040648 |       |       |
| 63      | 19.8  | 0.0     | 39.0  |       |
| 88      | 15.8  | 0.0     | 30.0  |       |





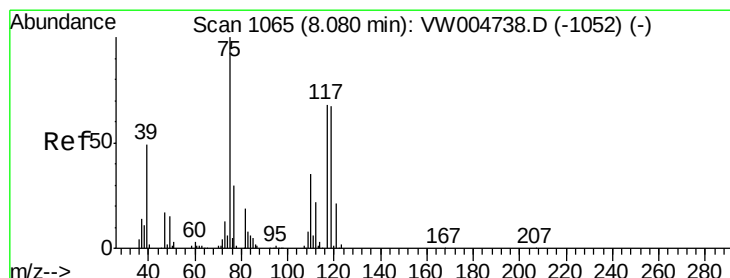
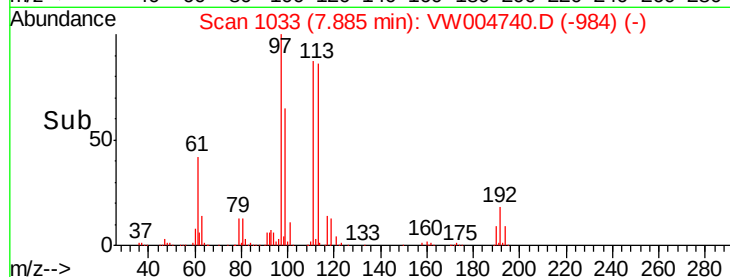
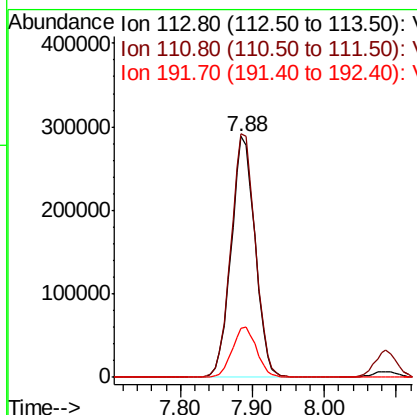
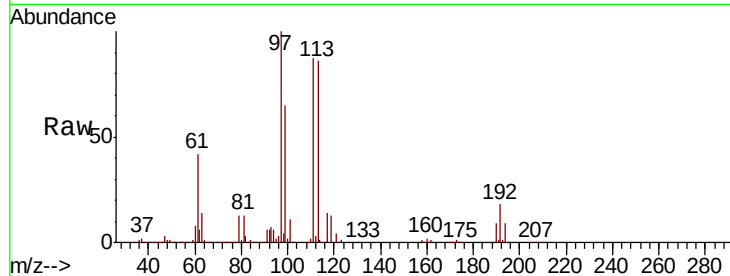
#35  
 Dibromofluoromethane  
 Concen: 100.04 ug/l  
 RT: 7.88 min Scan# 1033  
 Delta R.T. -0.00 min  
 Lab File: VW004740.D  
 Acq: 17 Aug 2018 18:03

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 665395 |       |       |
| 111     | 102.9 | 82.4   | 123.6 |       |
| 192     | 21.2  | 16.7   | 25.1  |       |

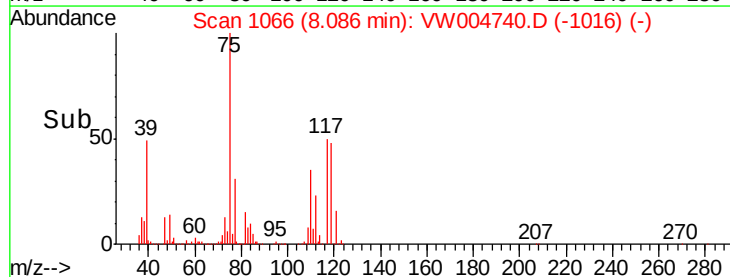
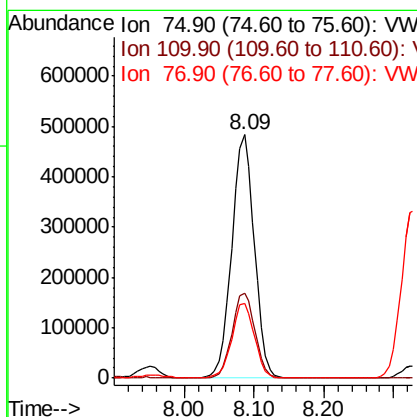
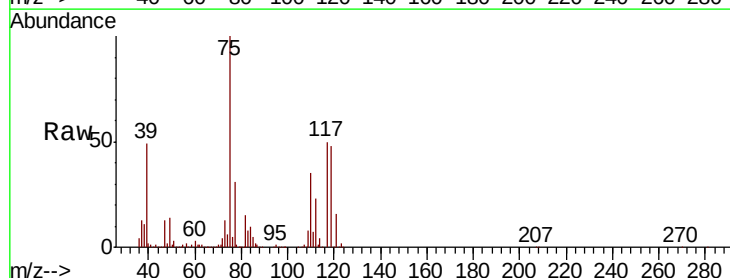
Manual Integrations  
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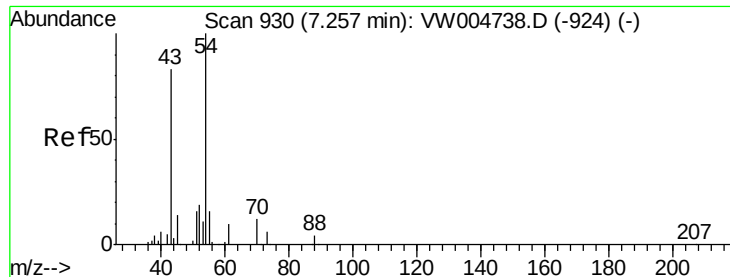
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 8/20/2018 9:54:02 AM



#36  
 1,1-Dichloropropene  
 Concen: 100.70 ug/l  
 RT: 8.09 min Scan# 1066  
 Delta R.T. 0.01 min  
 Lab File: VW004740.D  
 Acq: 17 Aug 2018 18:03

| Tgt Ion | Ratio | Resp    | Lower | Upper |
|---------|-------|---------|-------|-------|
| 75      | 100   | 1079514 |       |       |
| 110     | 35.4  | 17.8    | 53.5  |       |
| 77      | 31.0  | 24.9    | 37.3  |       |





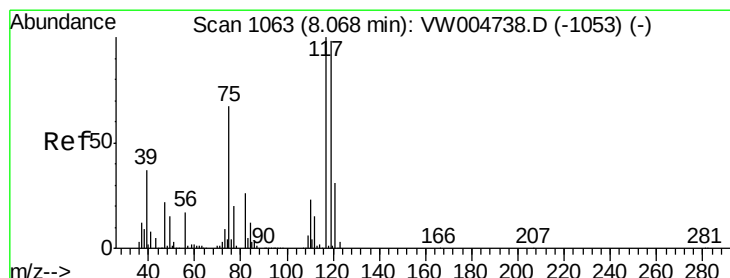
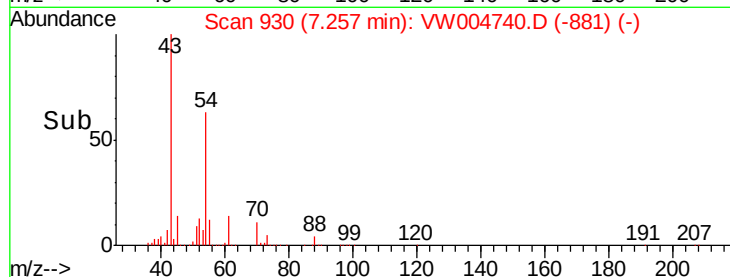
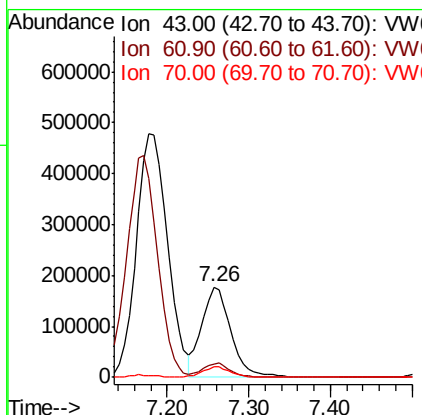
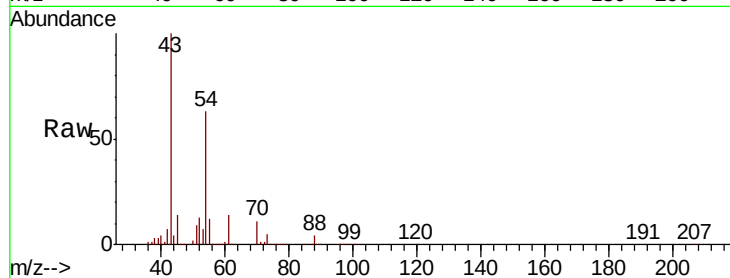
#37  
Ethyl Acetate  
Concen: 103.50 ug/l  
RT: 7.26 min Scan# 930  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.9  | 11.6  | 17.4  |
| 70      | 11.1  | 9.2   | 13.8  |

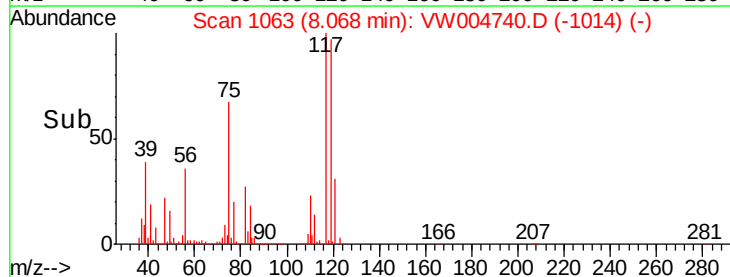
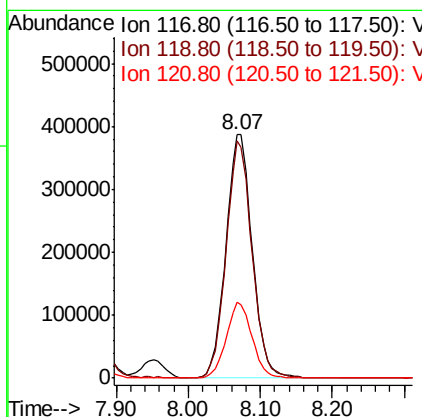
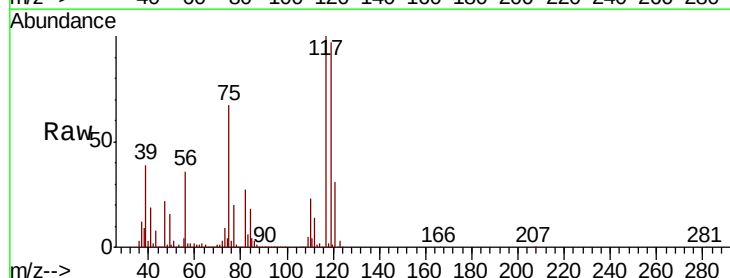
Manual Integrations  
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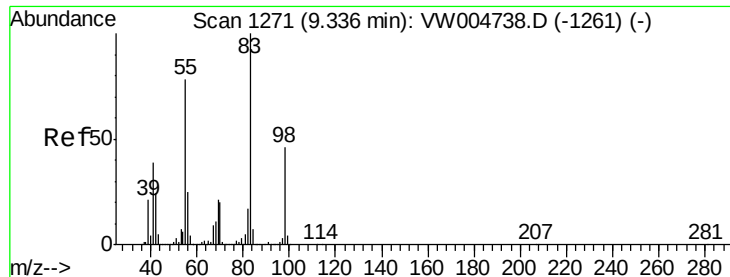


#38  
Carbon Tetrachloride  
Concen: 99.62 ug/l  
RT: 8.07 min Scan# 1063  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 97.3  | 78.0  | 117.0 |
| 121     | 31.2  | 24.8  | 37.2  |







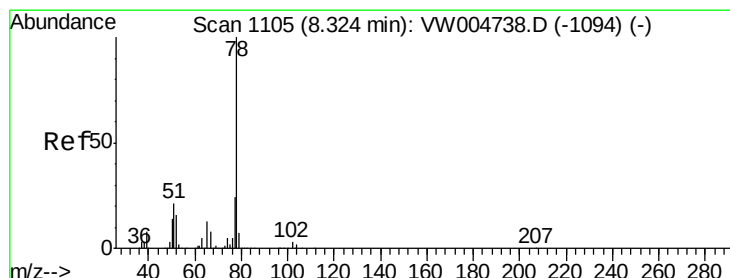
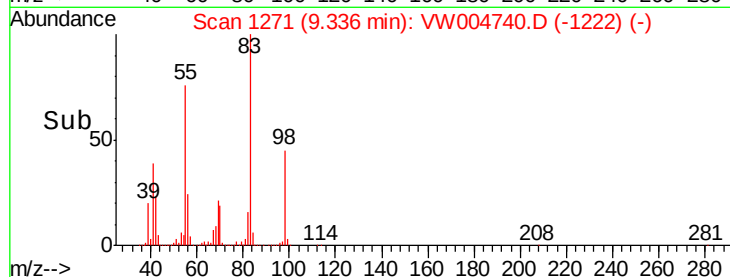
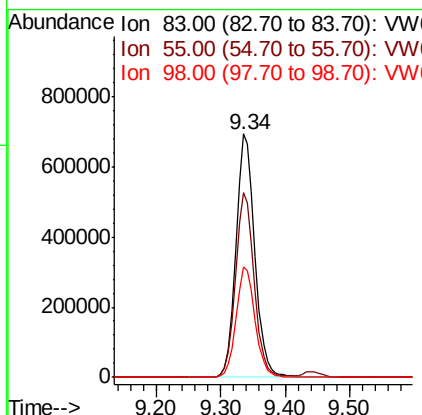
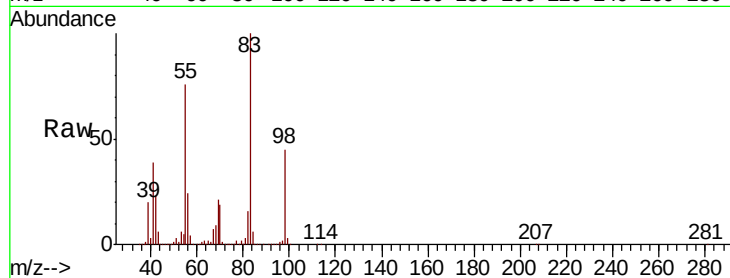
#39  
Methylvlcyclohexane  
Concen: 105.66 ug/l  
RT: 9.34 min Scan# 1271  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 75.8  | 62.4  | 93.6  |
| 98      | 45.3  | 36.5  | 54.7  |

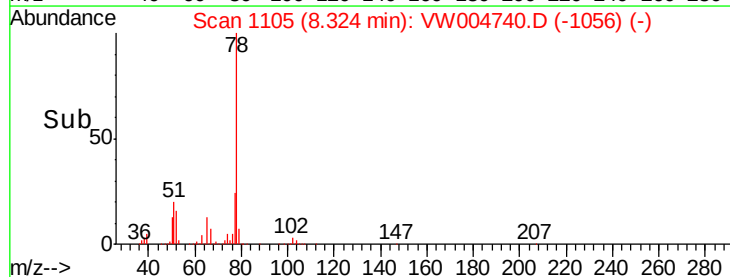
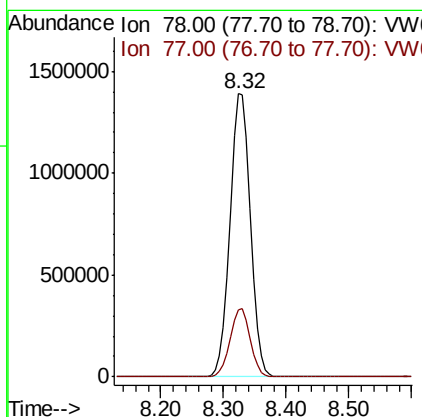
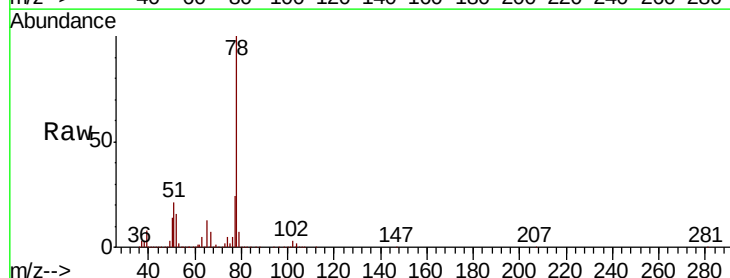
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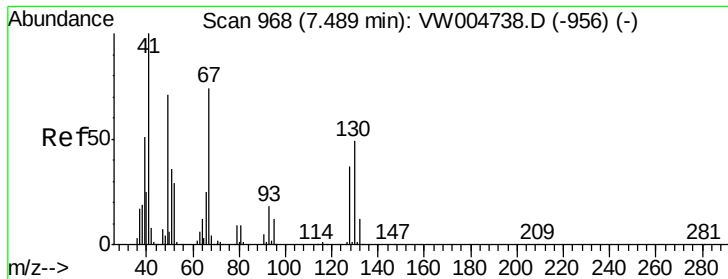
apatel  
8/20/2018 9:54:02 AM



#40  
Benzene  
Concen: 100.25 ug/l  
RT: 8.32 min Scan# 1105  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.7  | 19.0  | 28.6  |





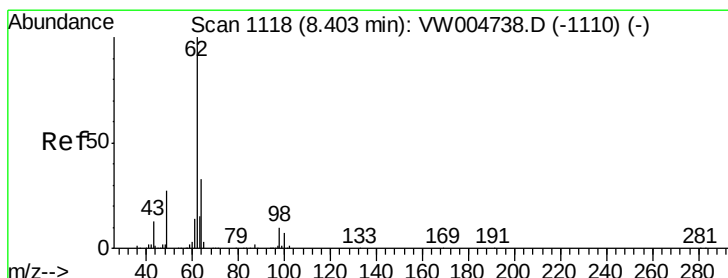
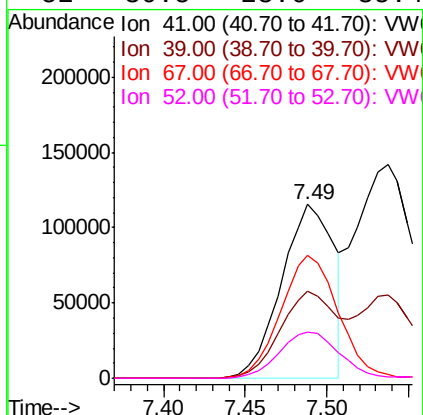
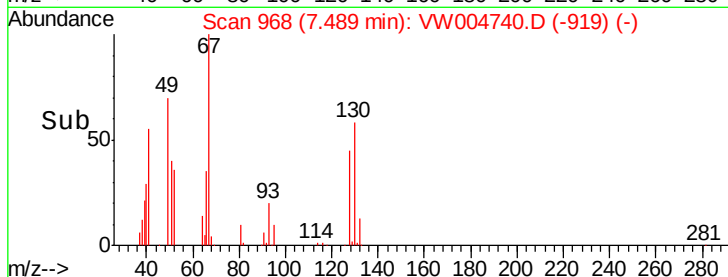
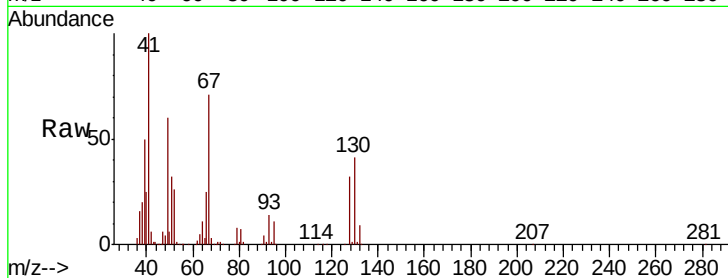
#41  
Methacrylonitrile  
Concen: 106.41 ug/l  
RT: 7.49 min Scan# 968  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC100

| Tot Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 41      | 100  |       | 258083 |       |       |
| 39      | 56.1 | 41.0  | 61.4   |       |       |
| 67      | 77.4 | 59.5  | 89.3   |       |       |
| 52      | 30.5 | 23.6  | 35.4   |       |       |

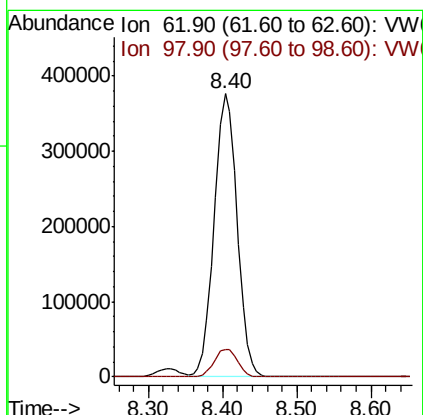
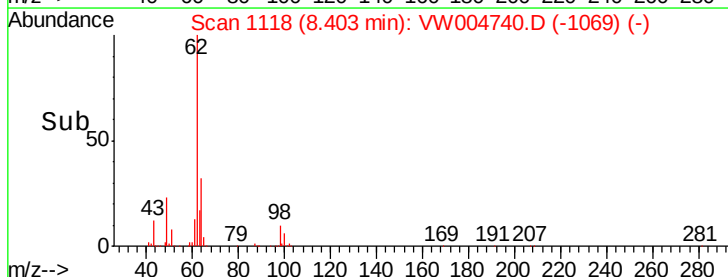
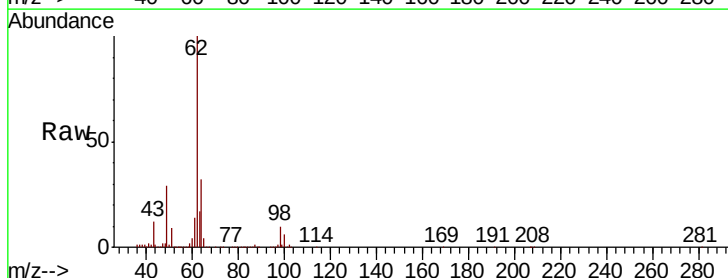
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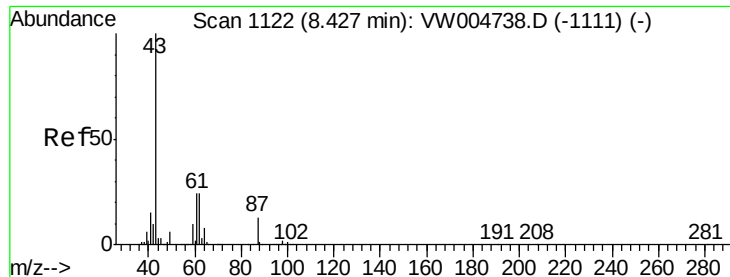
apatel  
8/20/2018 9:54:02 AM



#42  
1,2-Dichloroethane  
Concen: 100.17 ug/l  
RT: 8.40 min Scan# 1118  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

| Tgt Ion | Ion  | Ratio | Resp   | Lower | Upper |
|---------|------|-------|--------|-------|-------|
| 62      | 100  |       | 800317 |       |       |
| 98      | 10.1 | 0.0   | 20.2   |       |       |





#43

Isopropyl Acetate

Concen: 109.69 ug/l

RT: 8.43 min Scan# 1122

Delta R.T. -0.00 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

Instrument :

MSVOA\_W

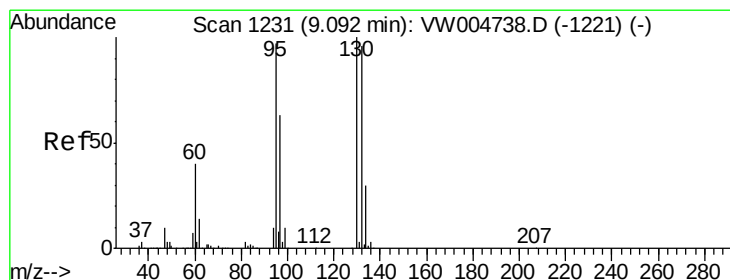
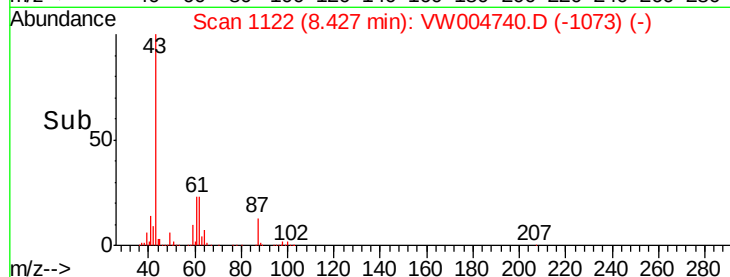
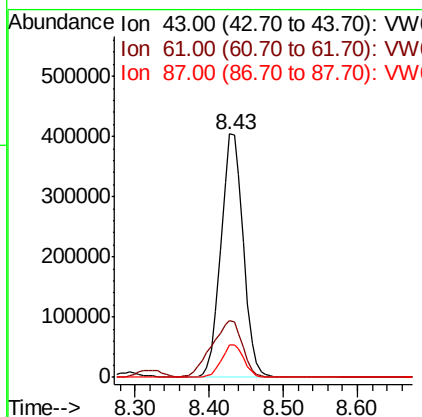
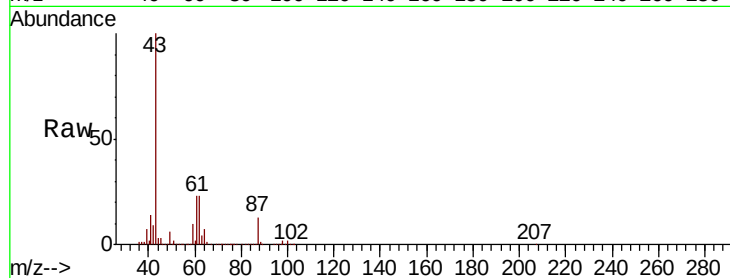
ClientSampled :

VSTDICC100

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 841988 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 61       | 31.7  | 26.2  | 39.4   |
| 87       | 13.6  | 10.9  | 16.3   |

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#44

Trichloroethene

Concen: 100.11 ug/l

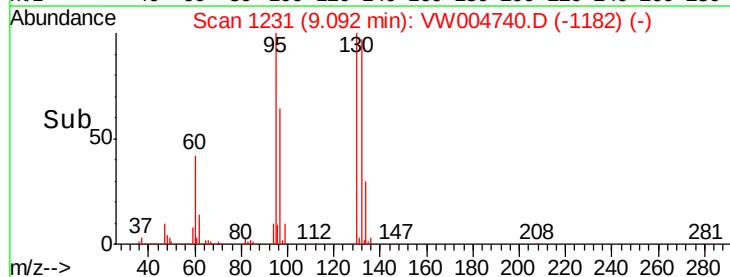
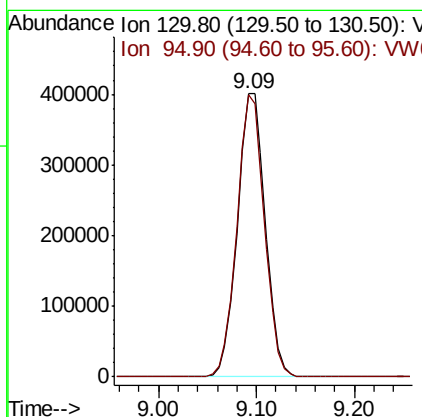
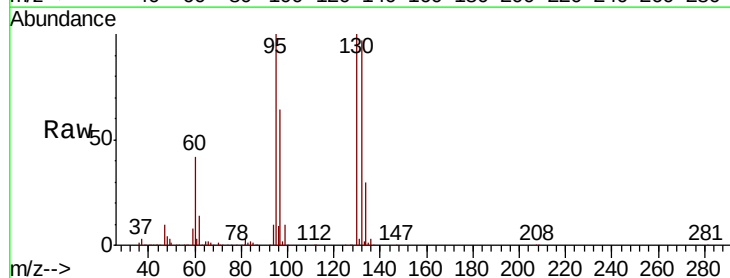
RT: 9.09 min Scan# 1231

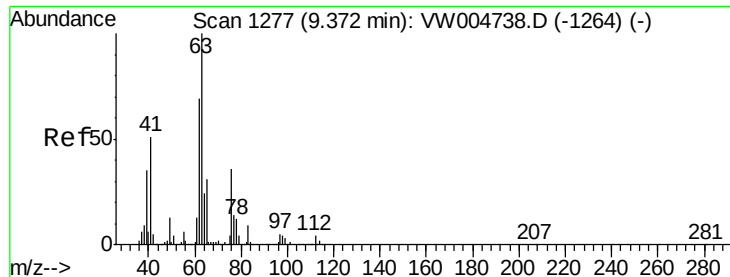
Delta R.T. -0.00 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 130   | Resp: | 791758 |
| Ion      | Ratio | Lower | Upper  |
| 130      | 100   |       |        |
| 95       | 99.9  | 0.0   | 194.4  |





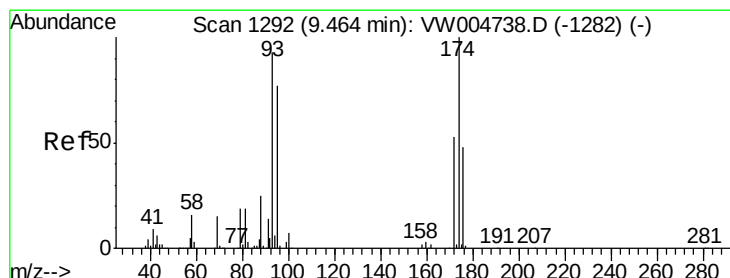
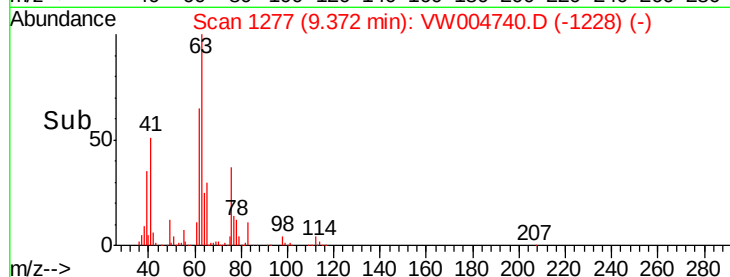
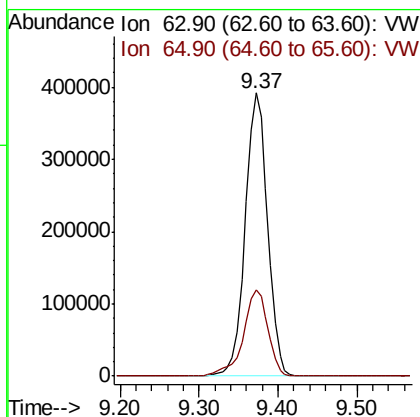
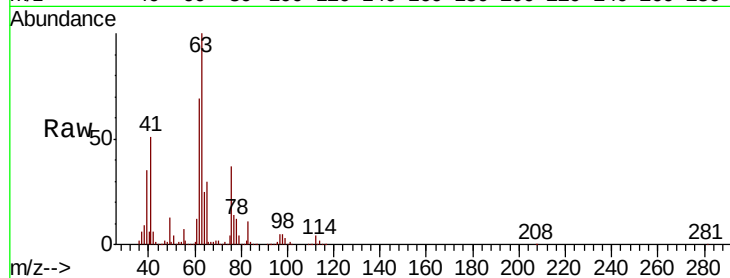
#45  
 1,2-Dichloropropane  
 Concen: 100.92 ug/l  
 RT: 9.37 min Scan# 1277  
 Delta R.T. -0.00 min  
 Lab File: VW004740.D  
 Acq: 17 Aug 2018 18:03

Instrument :  
 MSVOA\_W  
 ClientSampled :  
 VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 65      | 30.3  | 24.6  | 37.0  |

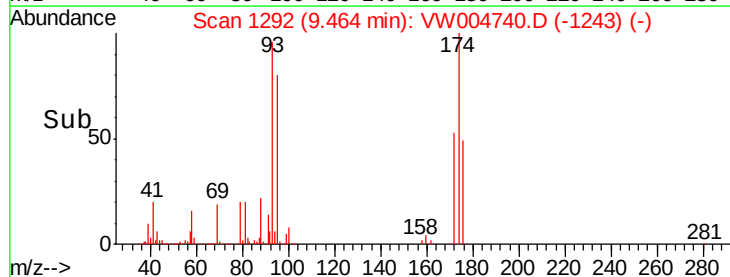
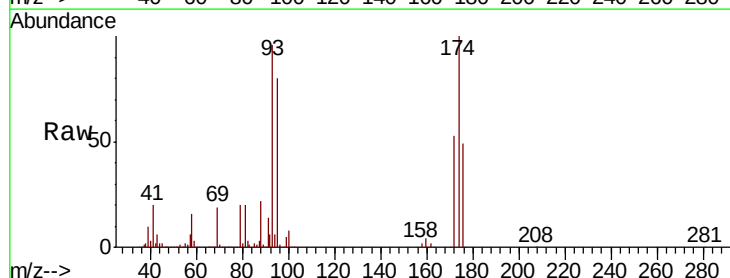
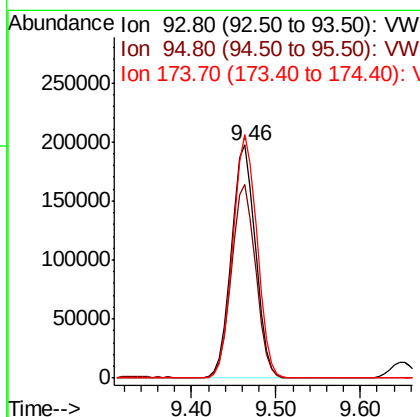
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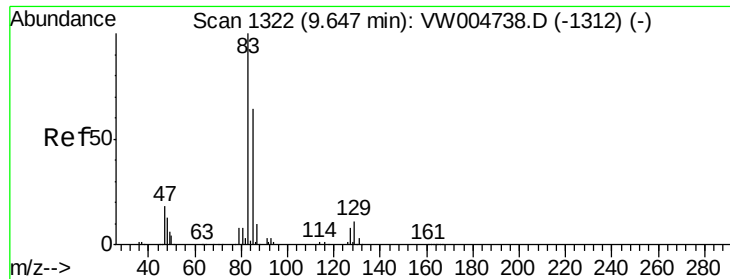
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#46  
 Dibromomethane  
 Concen: 100.57 ug/l  
 RT: 9.46 min Scan# 1292  
 Delta R.T. -0.00 min  
 Lab File: VW004740.D  
 Acq: 17 Aug 2018 18:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 93      | 100   |       |       |
| 95      | 83.4  | 66.6  | 99.8  |
| 174     | 105.1 | 85.3  | 127.9 |





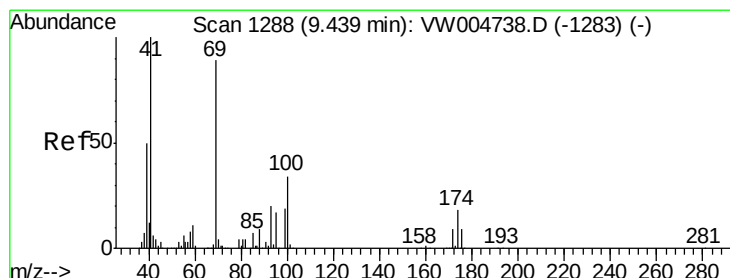
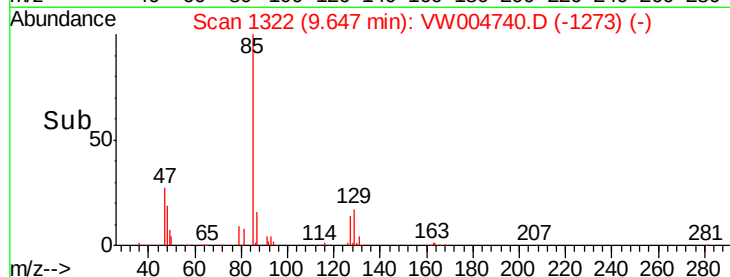
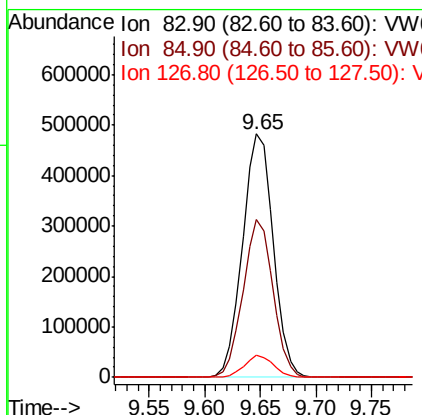
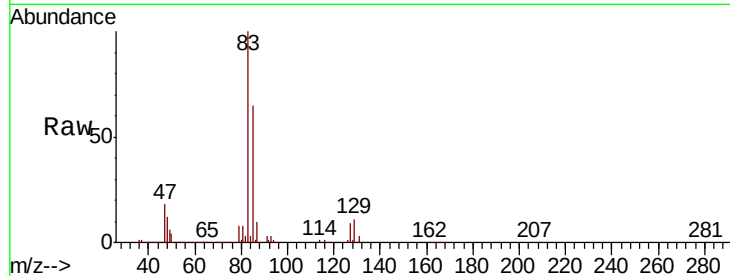
#47  
 Bromodichloromethane  
 Concen: 102.34 ug/l  
 RT: 9.65 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VW004740.D  
 Acq: 17 Aug 2018 18:03

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 83      | 100   |      |       |       |
| 85      | 64.6  | 51.2 | 76.8  |       |
| 127     | 8.9   | 6.7  | 10.1  |       |

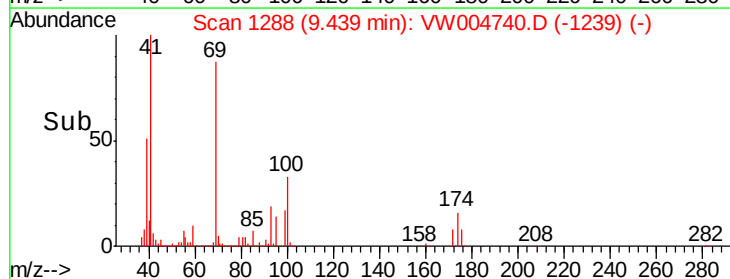
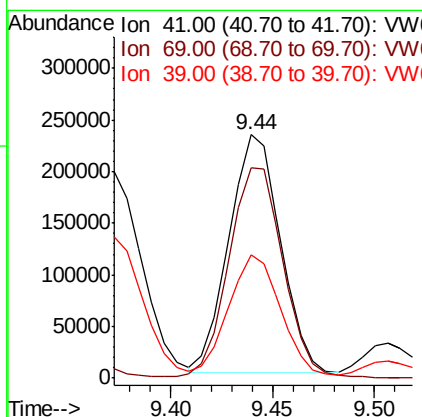
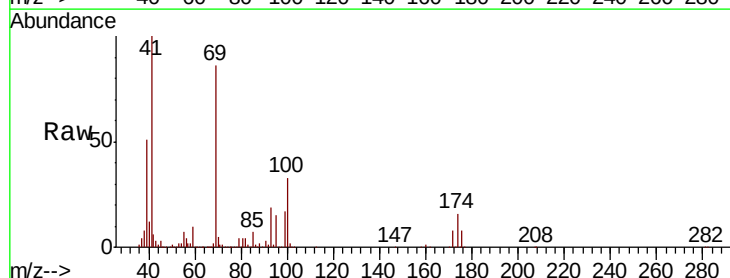
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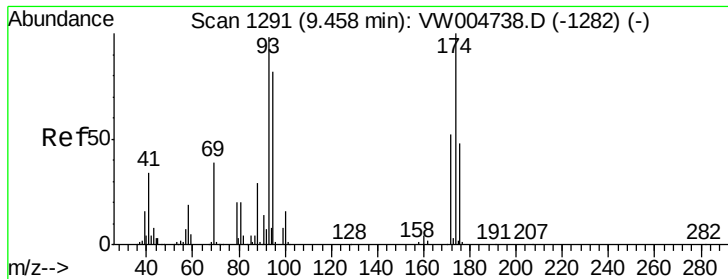
apatel  
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#48  
 Methyl methacrylate  
 Concen: 111.29 ug/l  
 RT: 9.44 min Scan# 1288  
 Delta R.T. -0.00 min  
 Lab File: VW004740.D  
 Acq: 17 Aug 2018 18:03

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 41      | 100   |      |       |       |
| 69      | 94.5  | 75.2 | 112.8 |       |
| 39      | 50.3  | 39.8 | 59.6  |       |





#49

1,4-Dioxane

Concen: 2207.50 ug/l

RT: 9.47 min Scan# 1293

Delta R.T. 0.01 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

Instrument :

MSVOA\_W

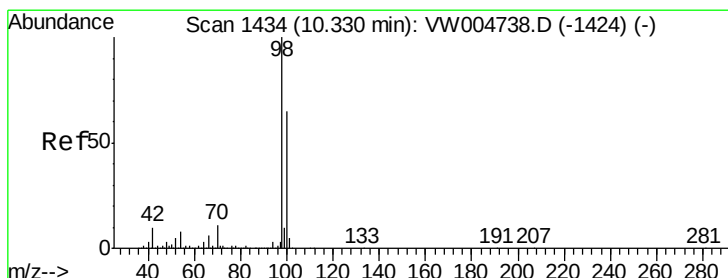
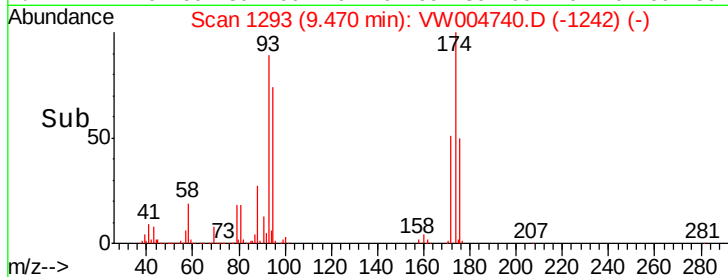
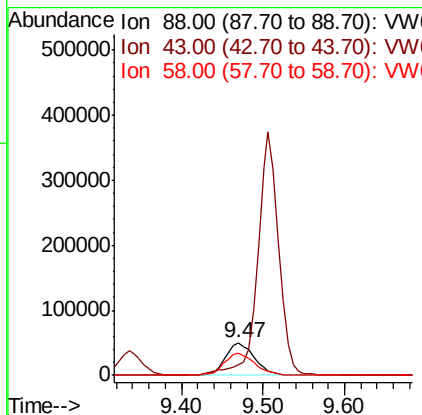
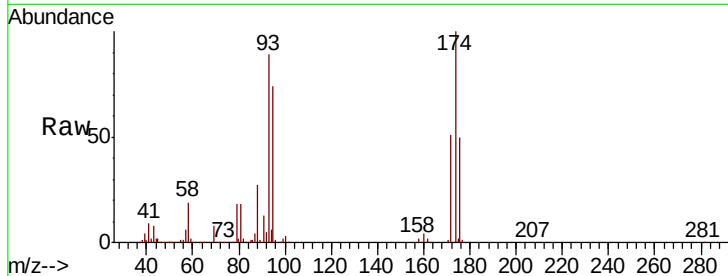
ClientSampled :

VSTDIC100

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 88    | Resp: | 121767 |
| Ion Ratio | Lower | Upper |        |
| 88        | 100   |       |        |
| 43        | 0.0   | 22.9  | 34.3#  |
| 58        | 73.9  | 60.0  | 90.0   |

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#50

Toluene-d8

Concen: 101.64 ug/l

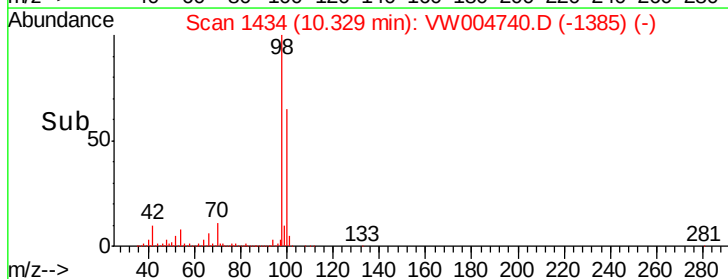
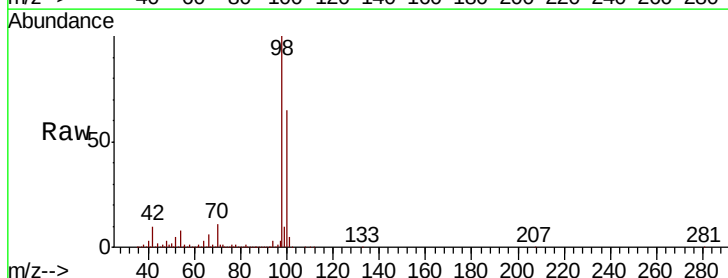
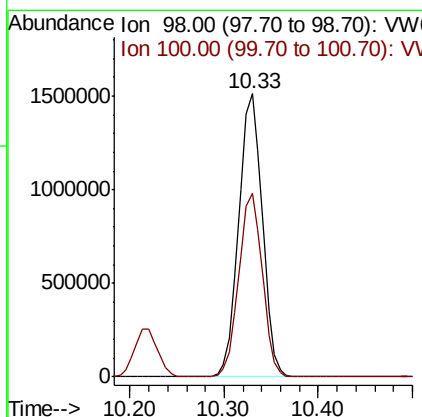
RT: 10.33 min Scan# 1434

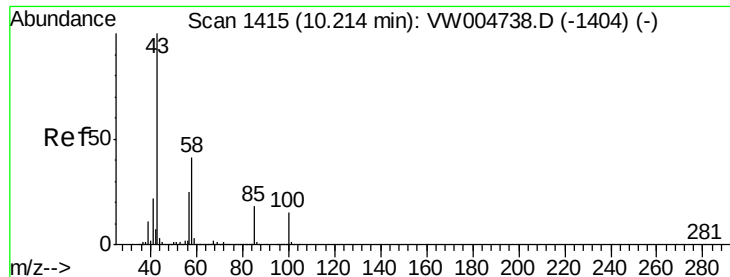
Delta R.T. -0.00 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

|           |       |       |         |
|-----------|-------|-------|---------|
| Tgt Ion:  | 98    | Resp: | 2639005 |
| Ion Ratio | Lower | Upper |         |
| 98        | 100   |       |         |
| 100       | 64.8  | 51.8  | 77.8    |





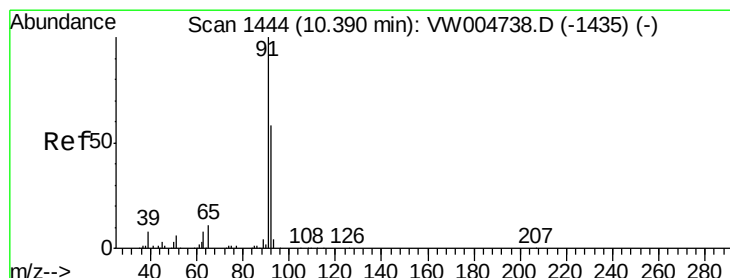
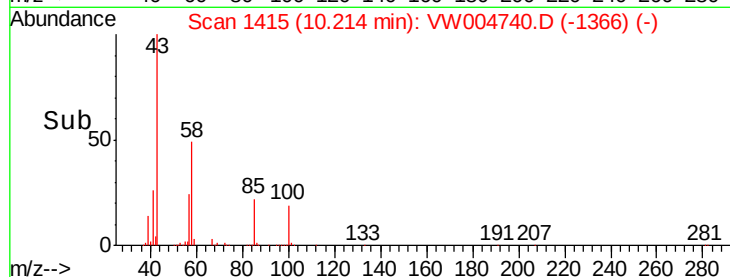
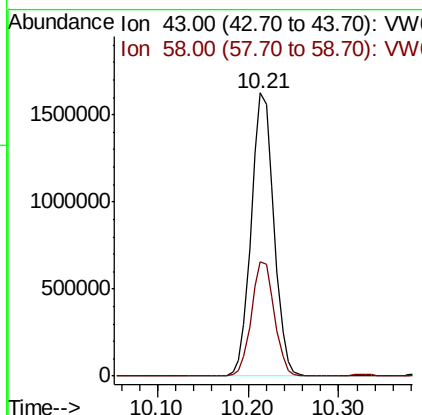
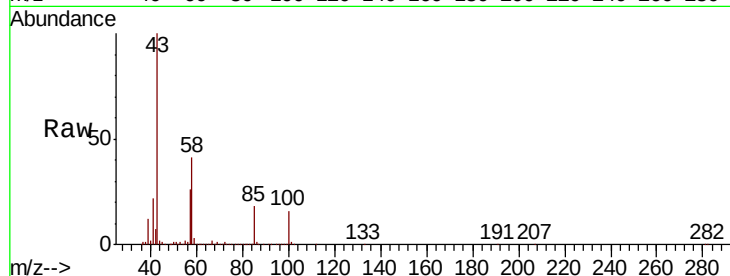
#51  
4-Methyl-2-Pentanone  
Concen: 542.05 ug/l  
RT: 10.21 min Scan# 1415  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

Tot Ion: 43 Resp: 2812127  
Ion Ratio Lower Upper  
43 100  
58 40.9 32.7 49.1

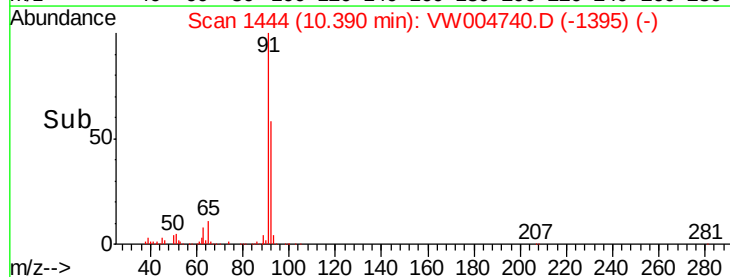
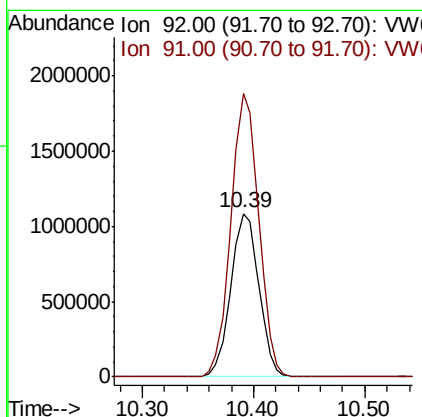
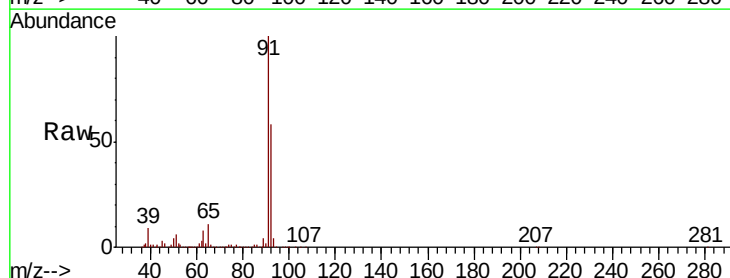
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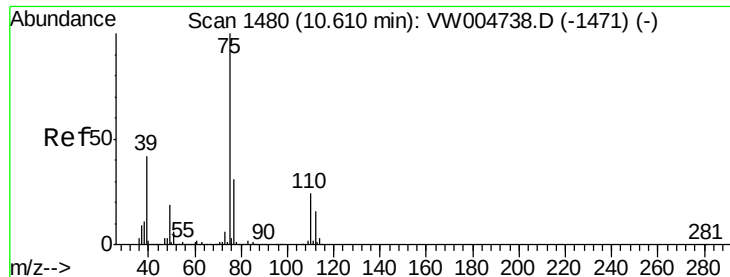
apatel  
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#52  
Toluene  
Concen: 101.10 ug/l  
RT: 10.39 min Scan# 1444  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

Tgt Ion: 92 Resp: 1889174  
Ion Ratio Lower Upper  
92 100  
91 172.6 138.3 207.5





#53

t-1,3-Dichloropropene

Concen: 106.14 ug/l

RT: 10.61 min Scan# 1480

Delta R.T. -0.00 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC100

Tot Ion: 75 Resp: 964236

Ion Ratio Lower Upper

75 100

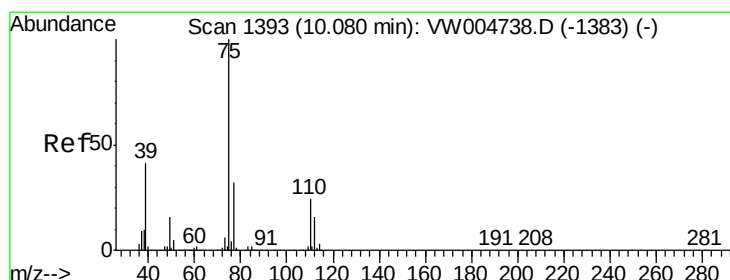
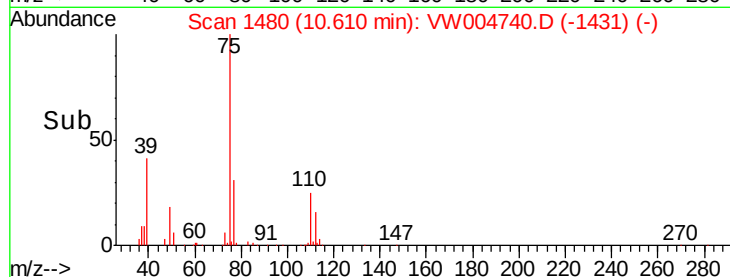
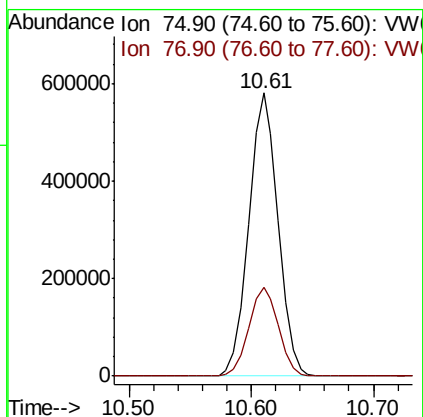
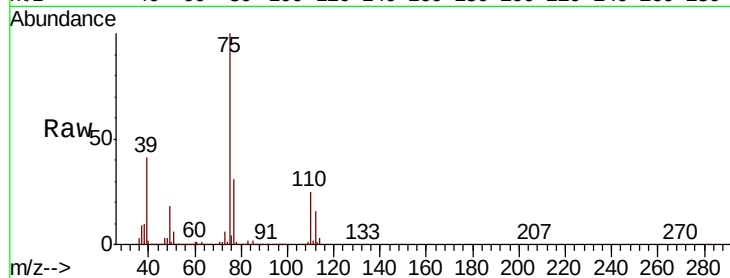
77 31.4 24.8 37.2

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 105.81 ug/l

RT: 10.08 min Scan# 1393

Delta R.T. -0.00 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

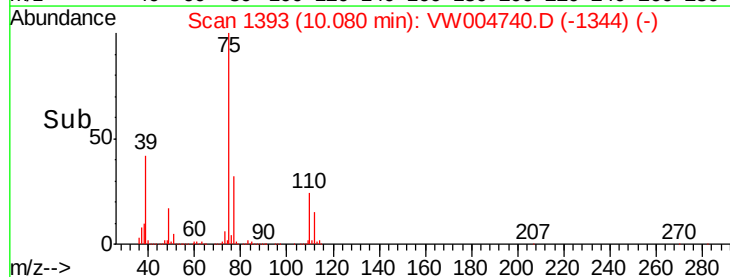
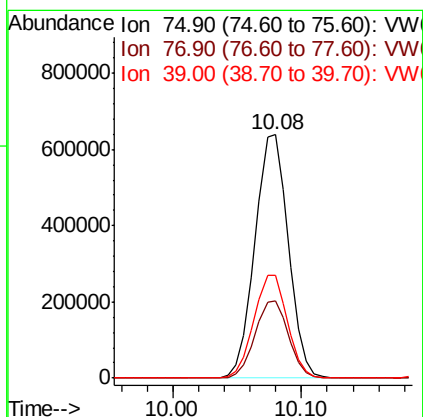
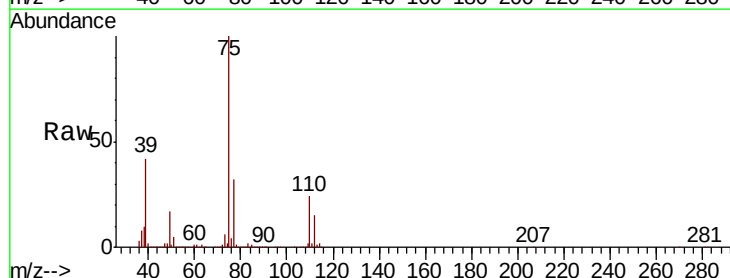
Tgt Ion: 75 Resp: 1145968

Ion Ratio Lower Upper

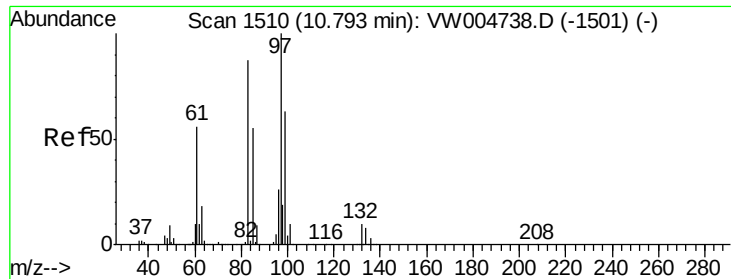
75 100

77 31.6 25.6 38.4

39 42.3 33.0 49.4







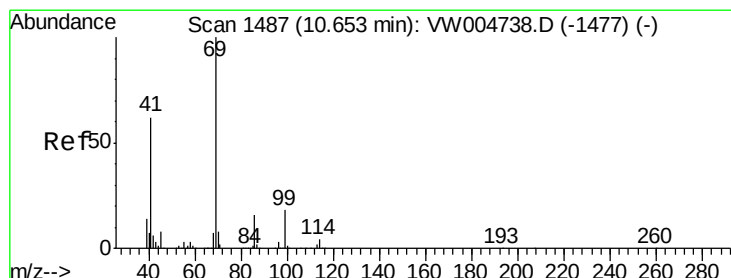
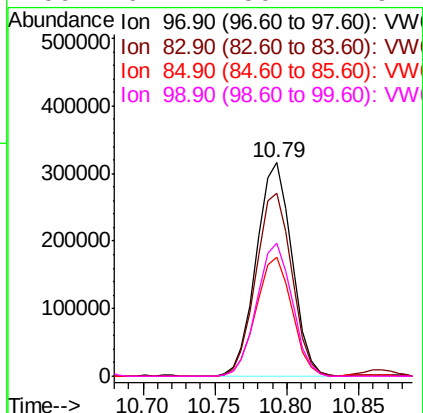
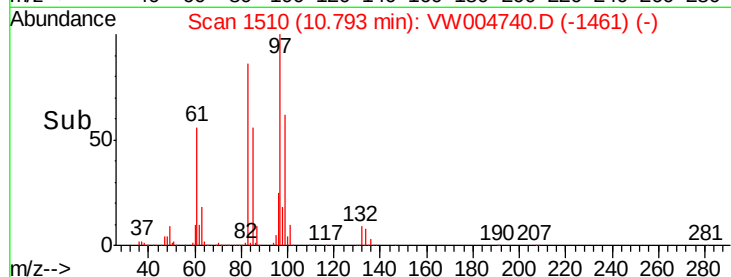
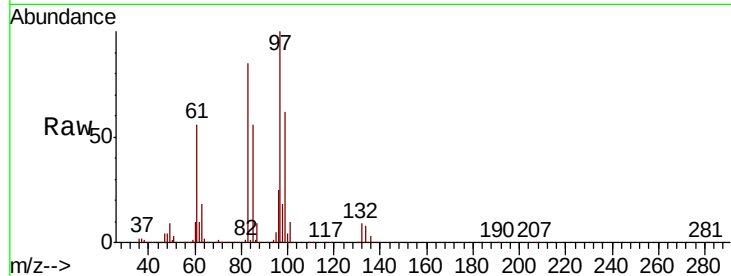
#55  
 1,1,2-Trichloroethane  
 Concen: 100.48 ug/l  
 RT: 10.79 min Scan# 1510  
 Delta R.T. -0.00 min  
 Lab File: VW004740.D  
 Acq: 17 Aug 2018 18:03

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 97      | 100   | 539281 |       |       |
| 83      | 85.4  | 69.4   | 104.2 |       |
| 85      | 55.6  | 44.3   | 66.5  |       |
| 99      | 62.4  | 50.2   | 75.2  |       |

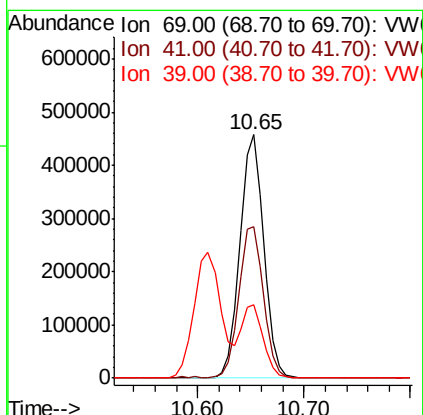
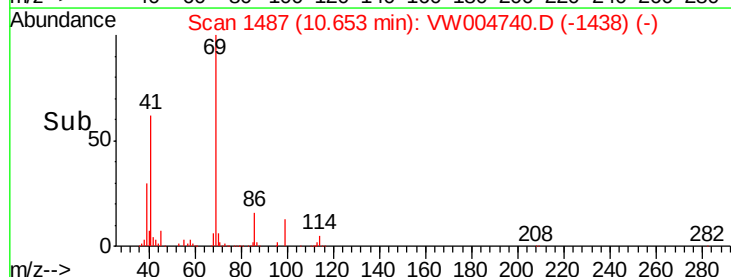
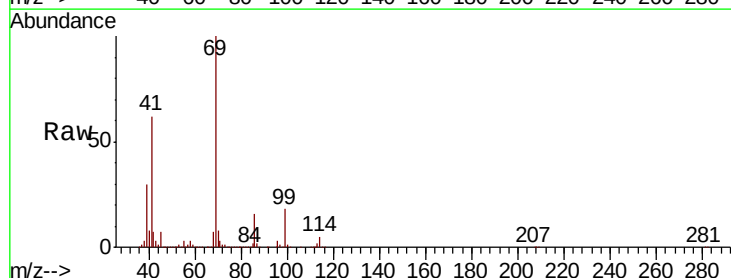
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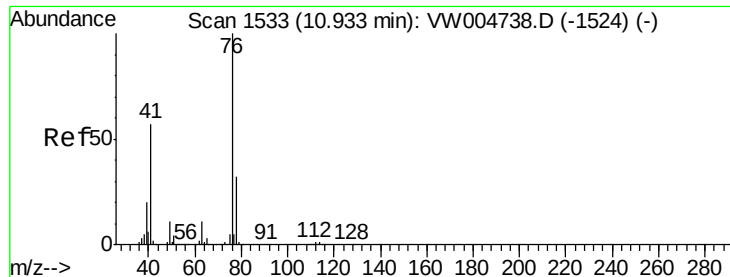
apatel  
 8/20/2018 9:54:02 AM



#56  
 Ethyl methacrylate  
 Concen: 113.90 ug/l  
 RT: 10.65 min Scan# 1487  
 Delta R.T. -0.00 min  
 Lab File: VW004740.D  
 Acq: 17 Aug 2018 18:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 69      | 100   | 722094 |       |       |
| 41      | 64.0  | 50.7   | 76.1  |       |
| 39      | 27.4  | 21.4   | 32.2  |       |





#57

1,3-Dichloropropane

Concen: 101.89 ug/l

RT: 10.93 min Scan# 1533

Delta R.T. -0.00 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC100

Tot Ion: 76 Resp: 943928

Ion Ratio Lower Upper

76 100

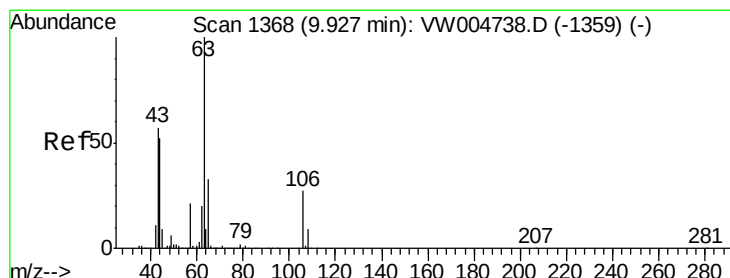
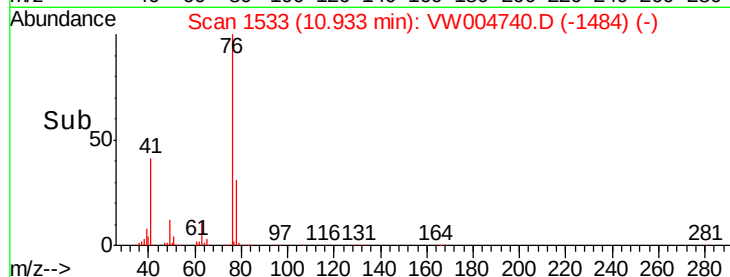
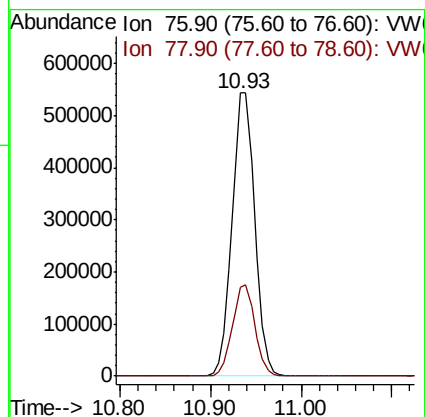
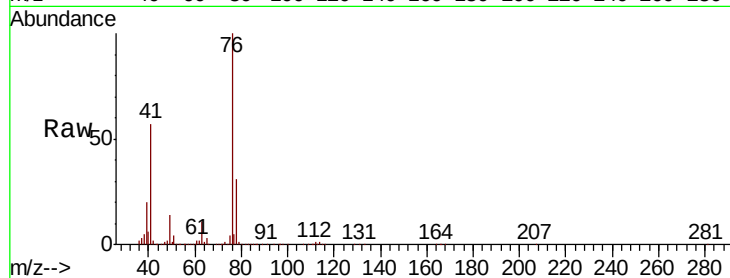
78 31.8 25.9 38.9

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#58

2-Chloroethyl Vinyl ether

Concen: 561.91 ug/l

RT: 9.93 min Scan# 1368

Delta R.T. -0.00 min

Lab File: VW004740.D

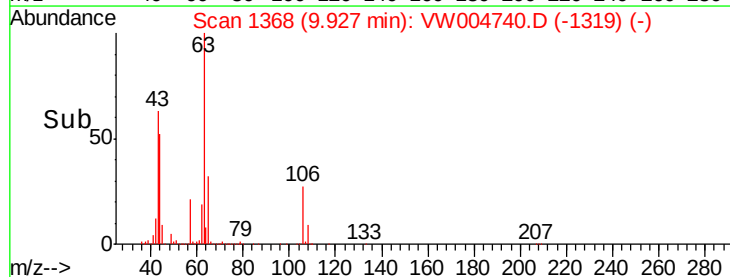
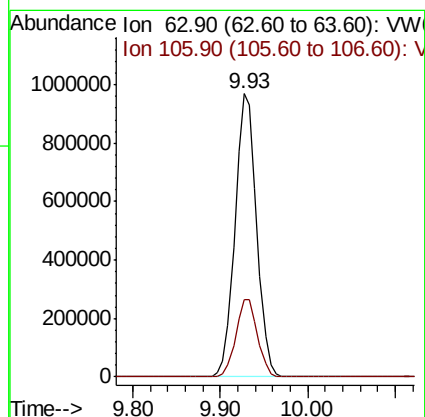
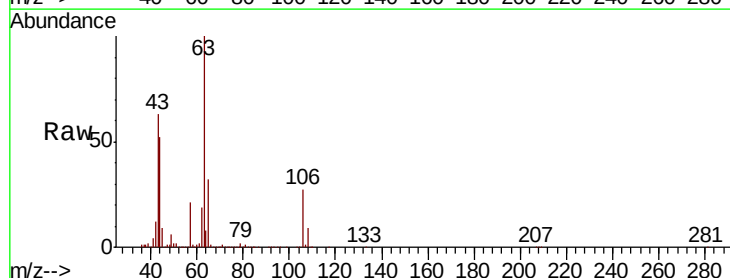
Acq: 17 Aug 2018 18:03

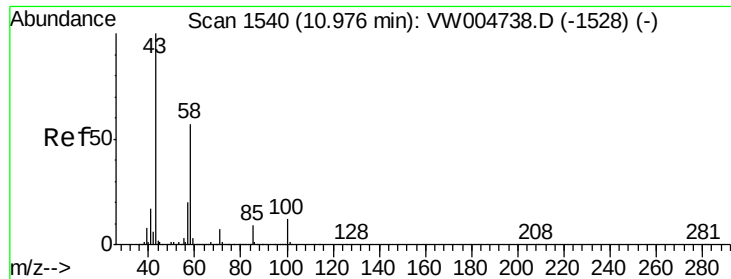
Tgt Ion: 63 Resp: 1665424

Ion Ratio Lower Upper

63 100

106 27.5 22.1 33.1





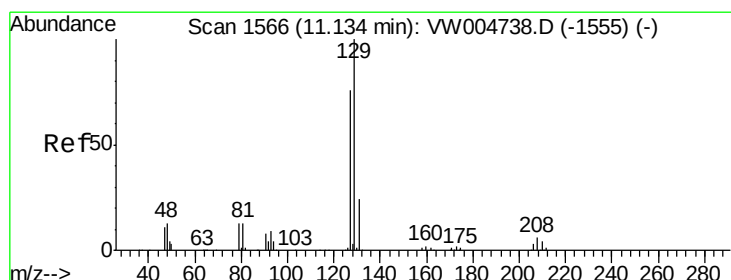
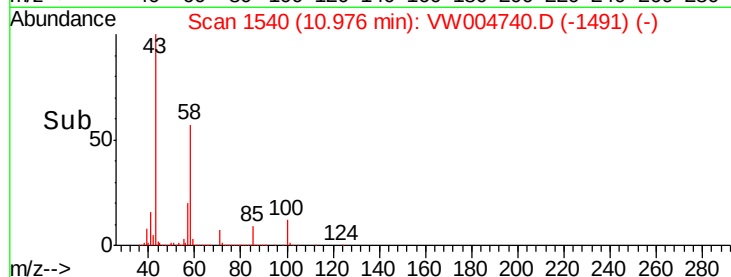
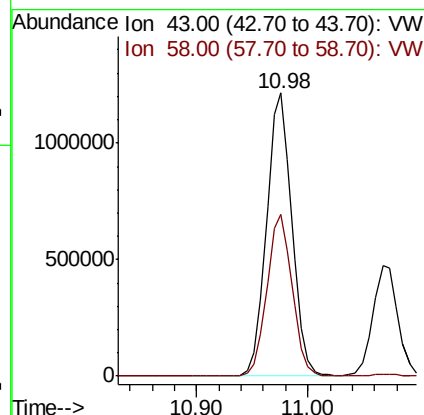
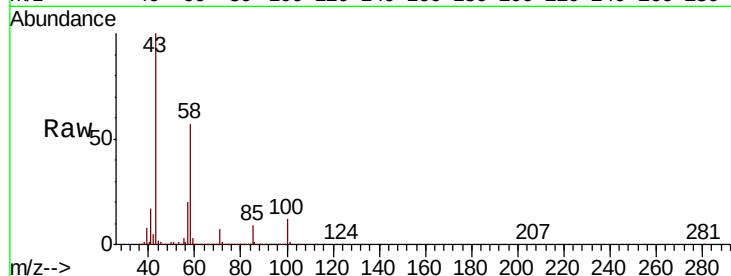
#59  
2-Hexanone  
Concen: 548.24 ug/l  
RT: 10.98 min Scan# 1540  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDICC100

Tot Ion: 43 Resp: 1927142  
Ion Ratio Lower Upper  
43 100  
58 56.9 28.1 84.4

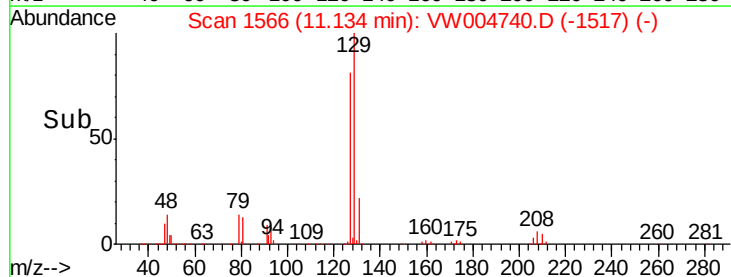
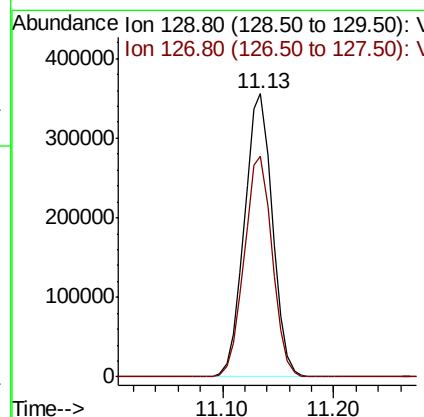
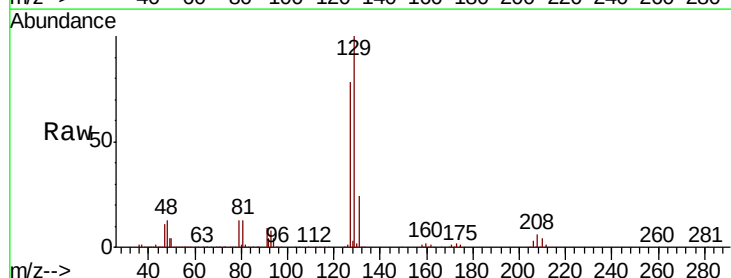
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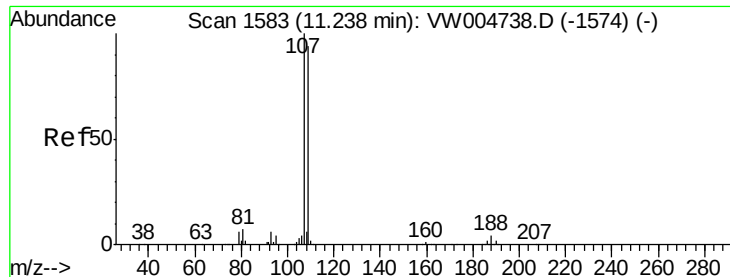
apatel  
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#60  
Dibromochloromethane  
Concen: 103.02 ug/l  
RT: 11.13 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

Tgt Ion: 129 Resp: 620293  
Ion Ratio Lower Upper  
129 100  
127 78.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 101.01 ug/l

RT: 11.24 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC100

Tot Ion: 107 Resp: 518188

Ion Ratio Lower Upper

107 100

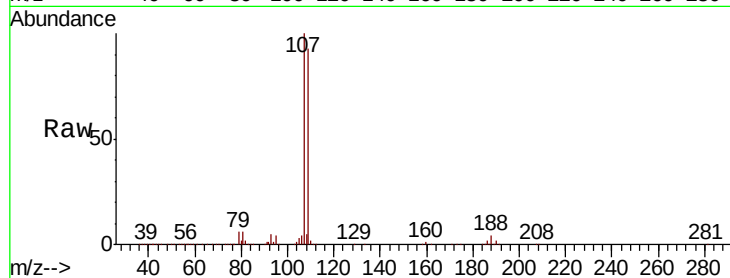
109 94.2 75.5 113.3

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

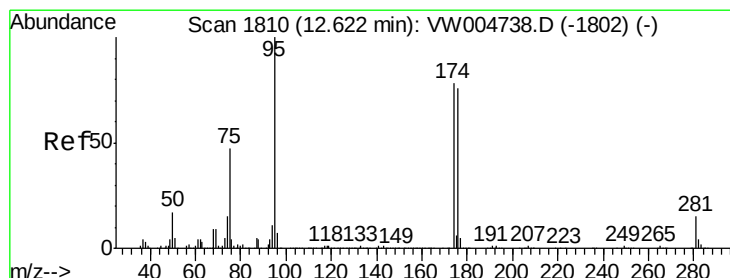
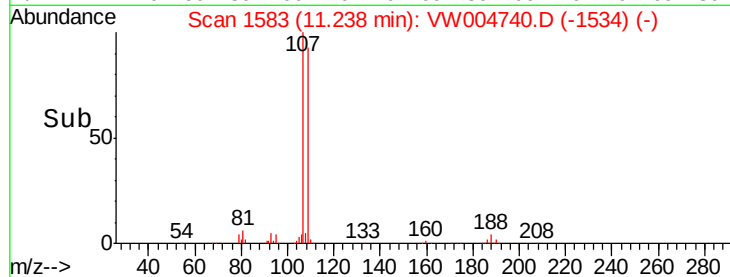
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 103.18 ug/l

RT: 12.62 min Scan# 1810

Delta R.T. -0.00 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

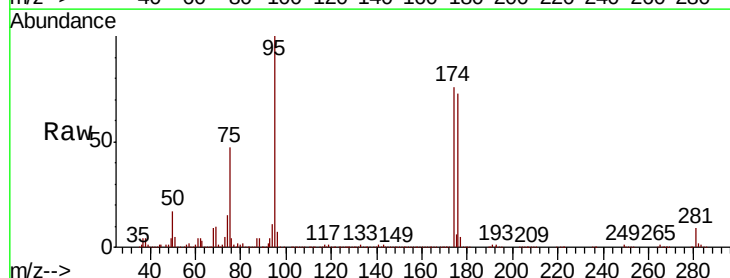
Tgt Ion: 95 Resp: 963718

Ion Ratio Lower Upper

95 100

174 81.6 0.0 165.8

176 79.1 0.0 159.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

800000

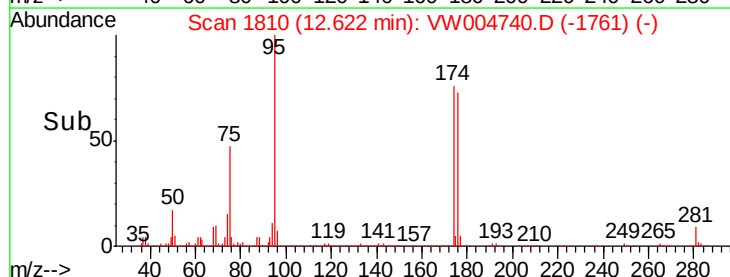
600000

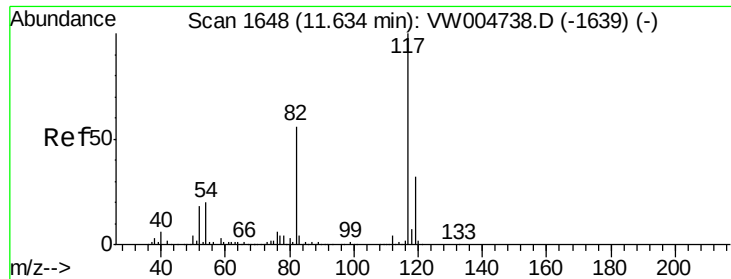
400000

200000

0

Time-->





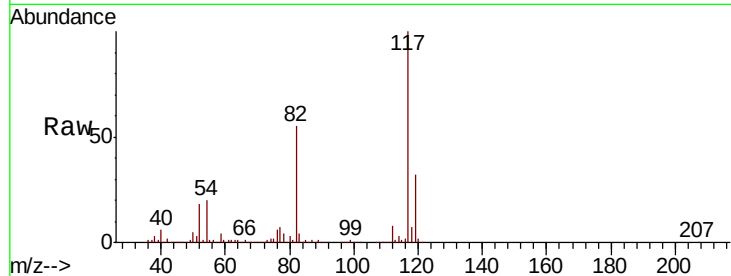
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 11.63 min Scan# 1648  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 958941 |       |       |
| 82      | 55.5  |        | 44.6  | 67.0  |
| 119     | 32.0  |        | 25.6  | 38.4  |

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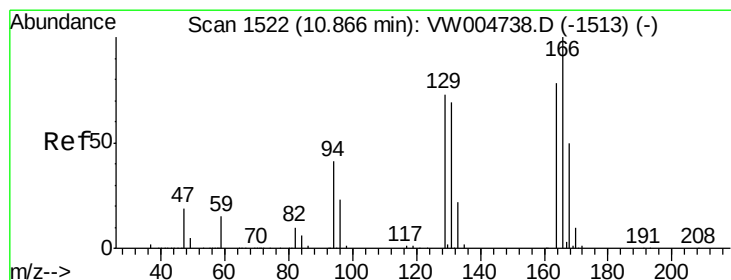
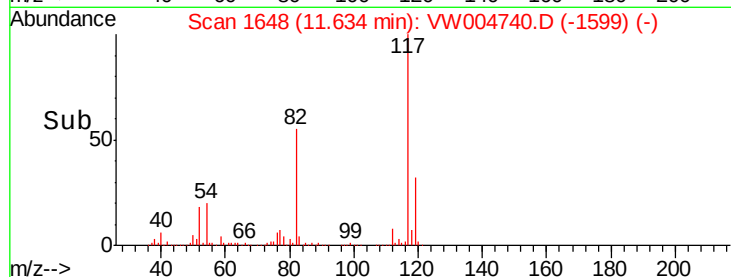
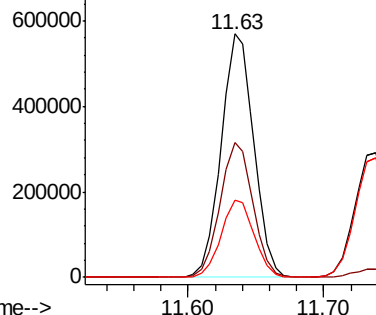


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64  
Tetrachloroethene  
Concen: 99.50 ug/l  
RT: 10.87 min Scan# 1522  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 652059 |       |       |
| 166     | 127.2 |        | 102.5 | 153.7 |
| 129     | 93.9  |        | 75.1  | 112.7 |
| 131     | 90.1  |        | 71.3  | 106.9 |

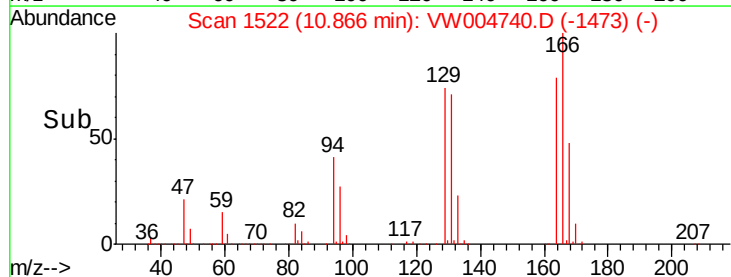
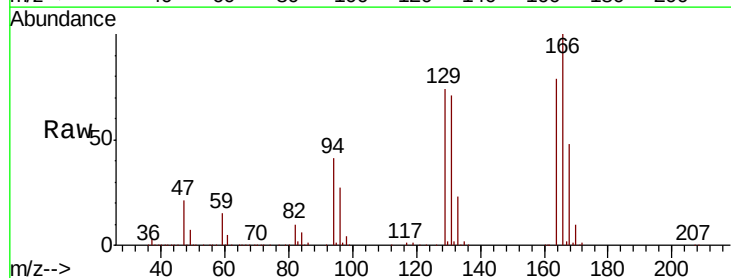
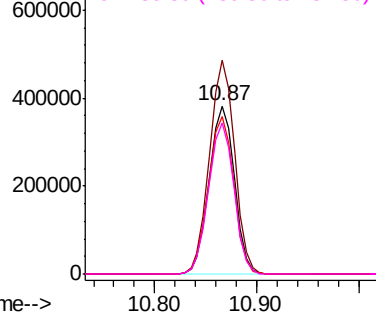
Abundance

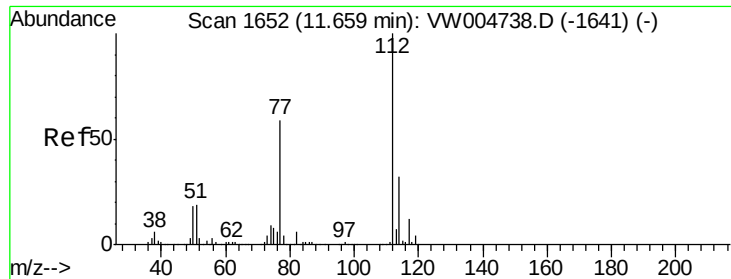
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





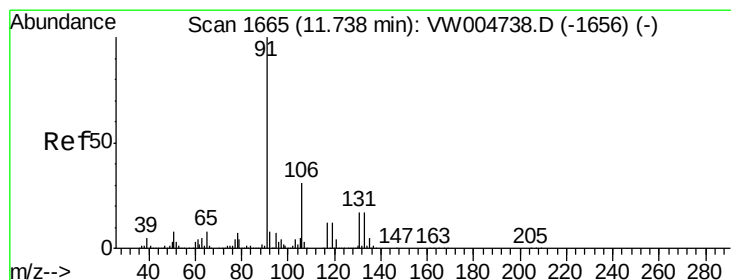
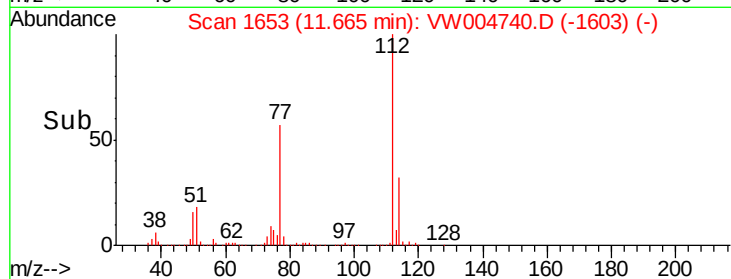
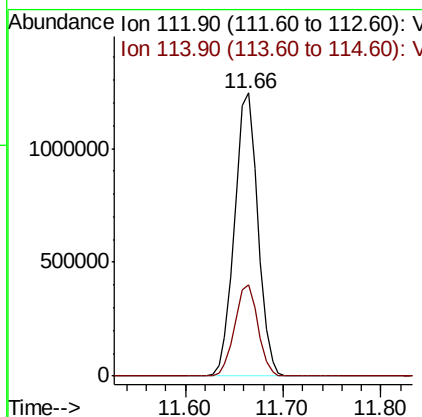
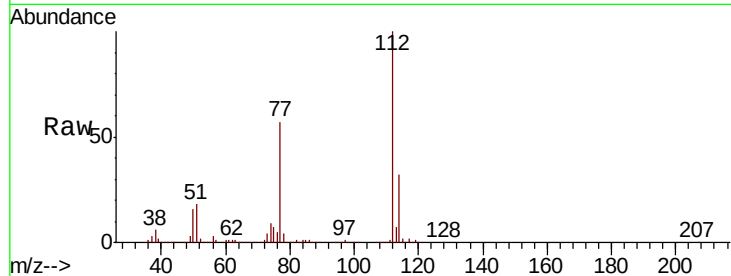
#65  
Chlorobenzene  
Concen: 99.92 ug/l  
RT: 11.66 min Scan# 1653  
Delta R.T. 0.01 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

Tot Ion:112 Resp: 2062377  
Ion Ratio Lower Upper  
112 100  
114 32.2 25.4 38.2

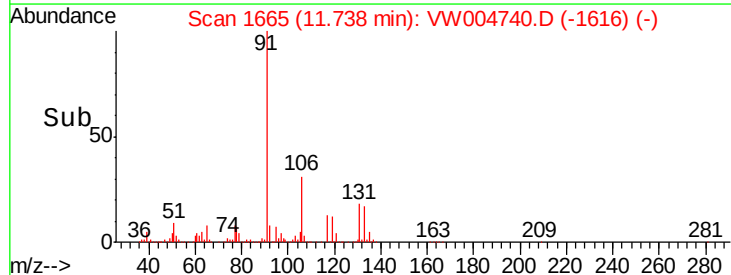
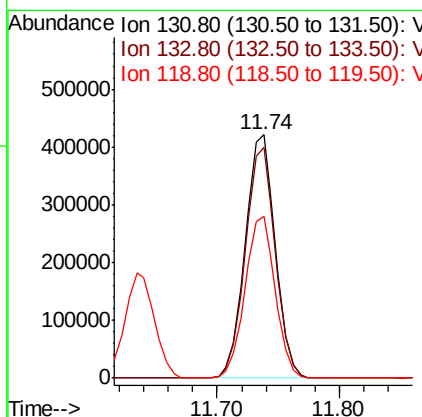
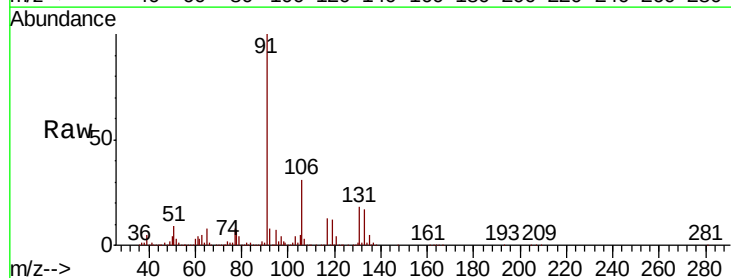
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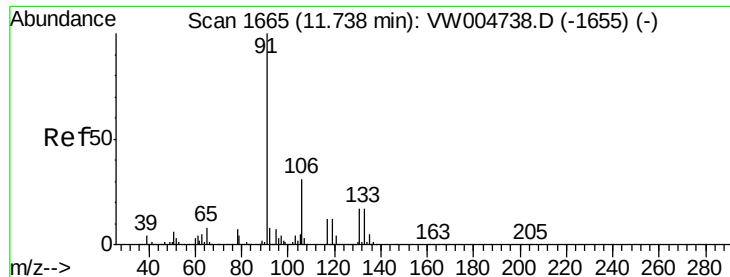
apatel  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 103.14 ug/l  
RT: 11.74 min Scan# 1665  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

Tgt Ion:131 Resp: 718774  
Ion Ratio Lower Upper  
131 100  
133 94.7 48.2 144.6  
119 66.8 34.0 102.0





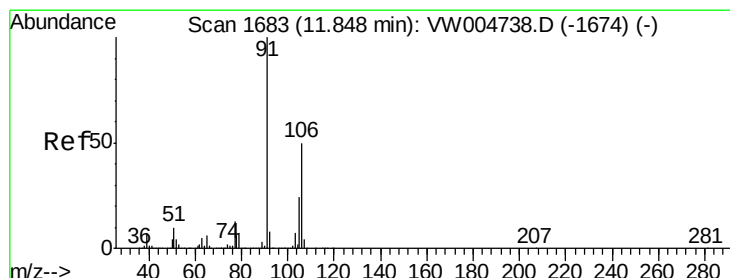
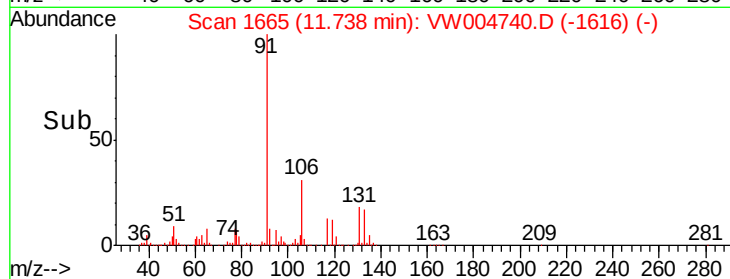
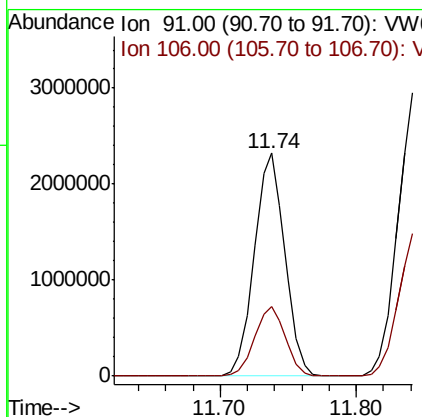
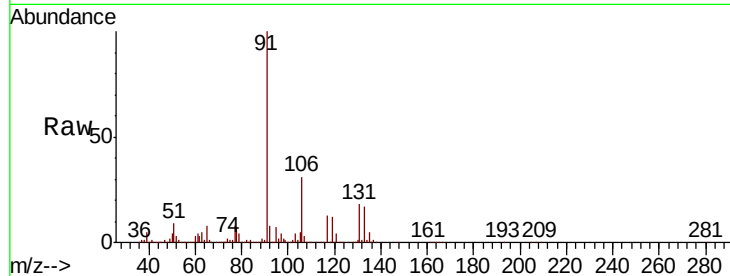
#67  
Ethyl Benzene  
Concen: 104.61 ug/l  
RT: 11.74 min Scan# 1665  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

Tot Ion: 91 Resp: 3660373  
Ion Ratio Lower Upper  
91 100  
106 31.3 24.9 37.3

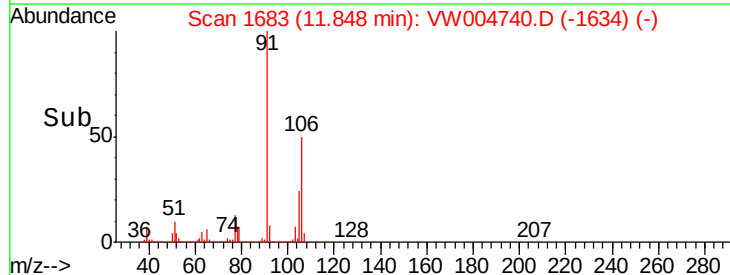
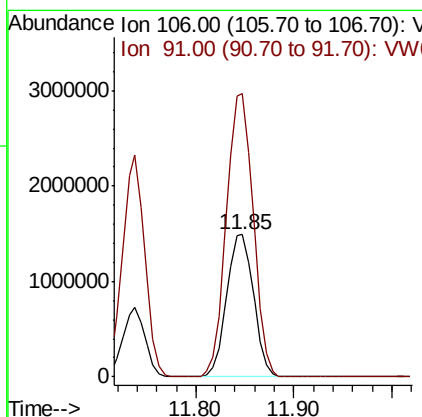
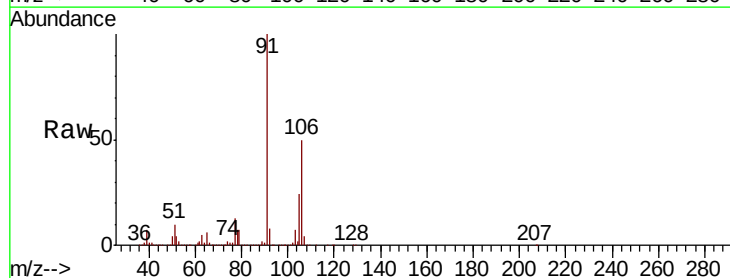
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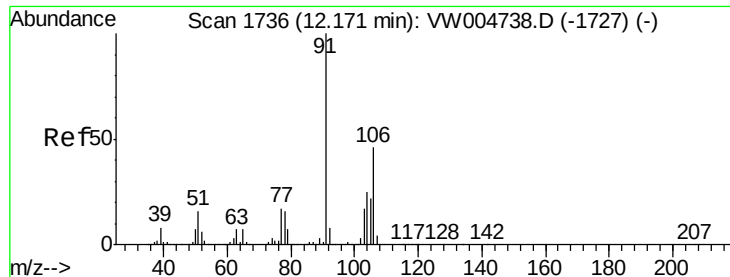
apatel  
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#68  
m/p-Xylenes  
Concen: 208.62 ug/l  
RT: 11.85 min Scan# 1683  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

Tgt Ion: 106 Resp: 2839871  
Ion Ratio Lower Upper  
106 100  
91 199.4 159.9 239.9





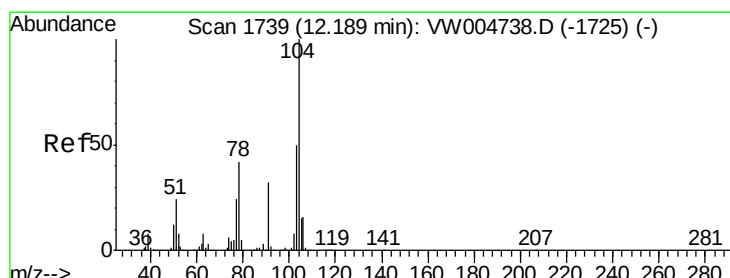
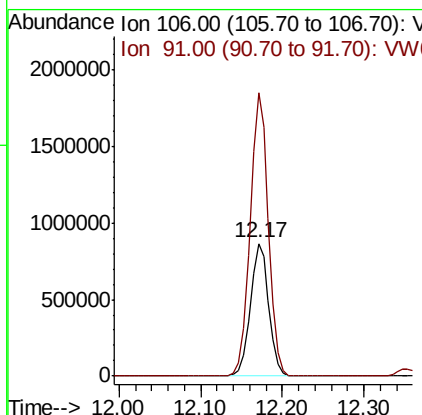
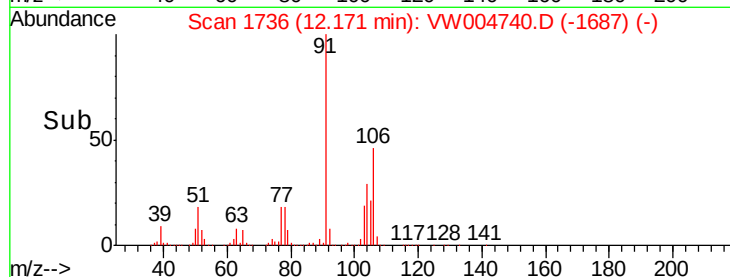
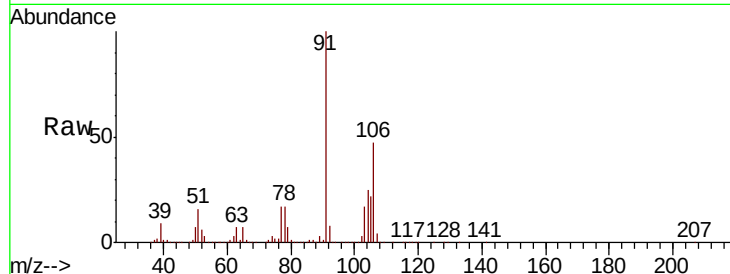
#69  
o-Xylene  
Concen: 107.63 ug/l  
RT: 12.17 min Scan# 1736  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

Instrument :  
MSVOA\_W  
ClientSampled :  
VSTDIC100

Tot Ion:106 Resp: 1356318  
Ion Ratio Lower Upper  
106 100  
91 211.7 107.3 321.8

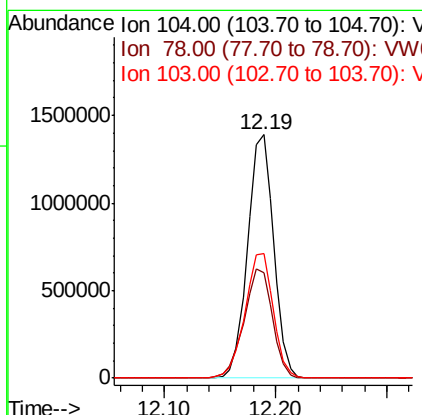
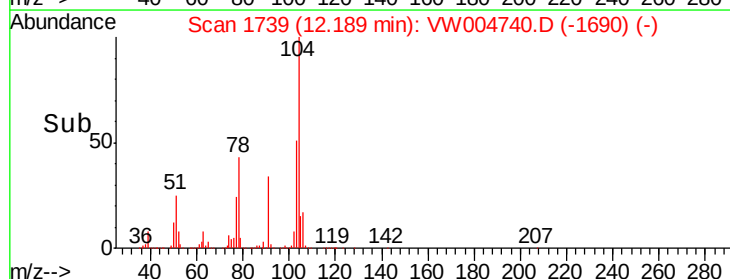
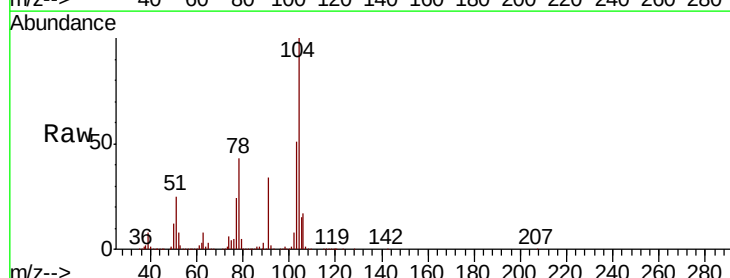
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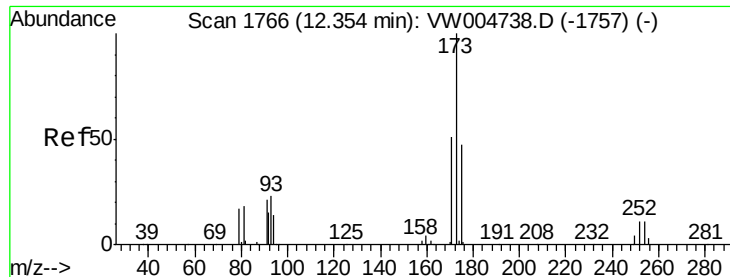


#70  
Styrene  
Concen: 107.11 ug/l  
RT: 12.19 min Scan# 1739  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

Tgt Ion:104 Resp: 2267297  
Ion Ratio Lower Upper  
104 100  
78 48.7 38.4 57.6  
103 55.4 44.1 66.1







#71

Bromoform

Concen: 105.70 ug/l

RT: 12.35 min Scan# 1766

Delta R.T. -0.00 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

Instrument :

MSVOA\_W

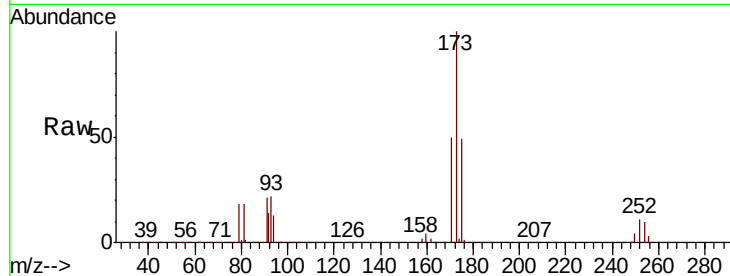
ClientSampleId :

VSTDIC100

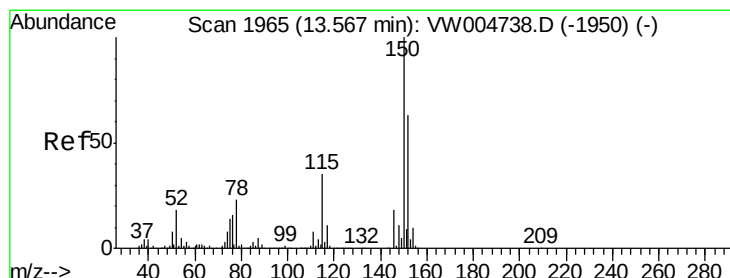
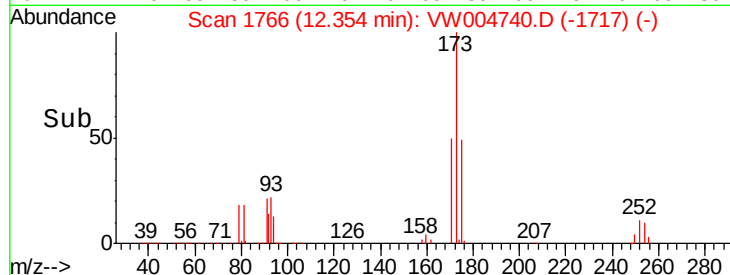
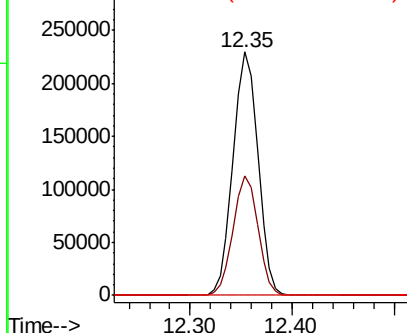
|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 173   | Resp: | 388782 |
| Ion Ratio | Lower | Upper |        |
| 173       | 100   |       |        |
| 175       | 48.7  | 23.8  | 71.4   |
| 254       | 0.1   | 0.1   | 0.1#   |

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Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

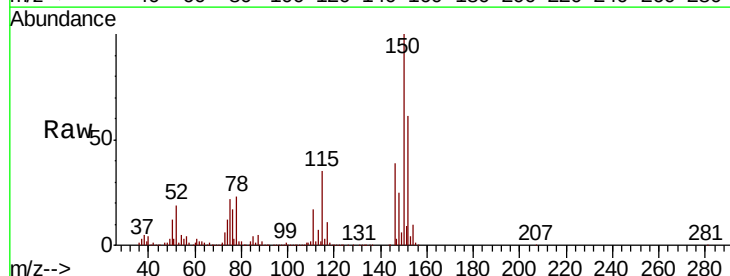
RT: 13.57 min Scan# 1965

Delta R.T. -0.00 min

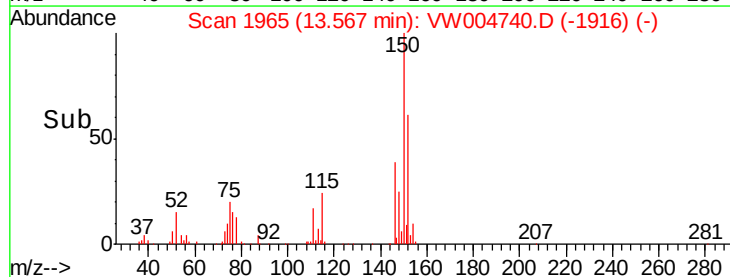
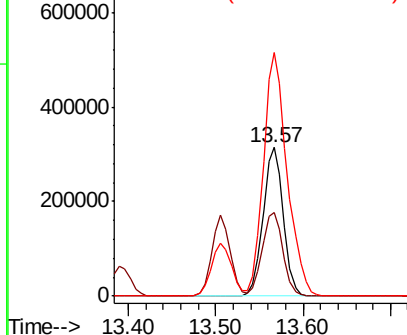
Lab File: VW004740.D

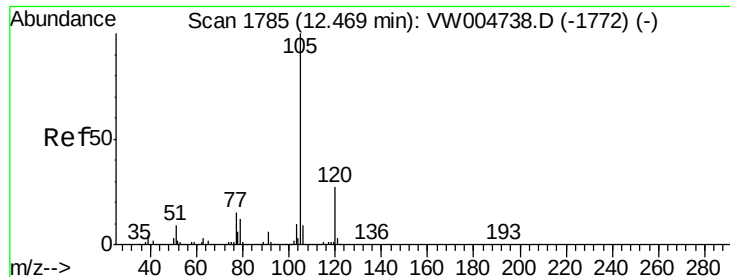
Acq: 17 Aug 2018 18:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 152   | Resp: | 504271 |
| Ion Ratio | Lower | Upper |        |
| 152       | 100   |       |        |
| 115       | 57.5  | 28.5  | 85.5   |
| 150       | 191.7 | 0.0   | 344.8  |



Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 107.76 ug/l

RT: 12.47 min Scan# 1785

Delta R.T. -0.00 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

Instrument :

MSVOA\_W

ClientSampled :

VSTDIC100

Tot Ion:105 Resp: 3696686

Ion Ratio Lower Upper

105 100

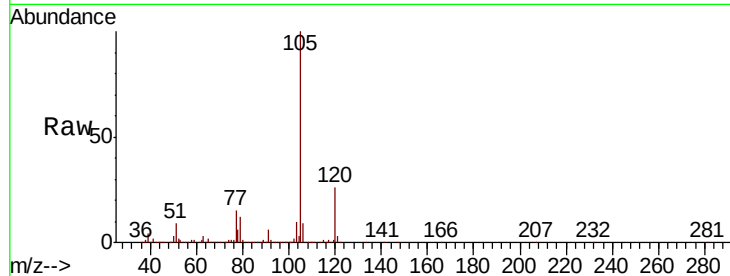
120 26.6 13.3 39.9

Manual Integrations

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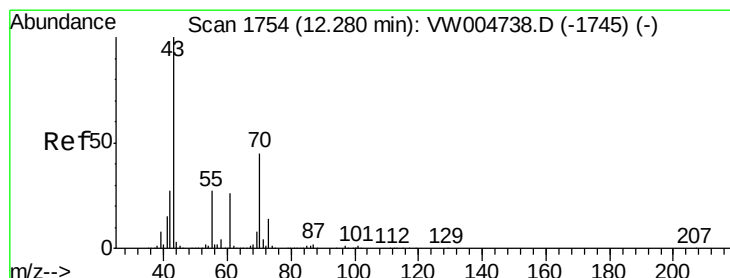
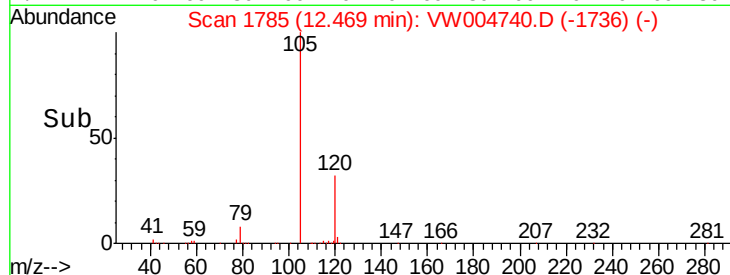
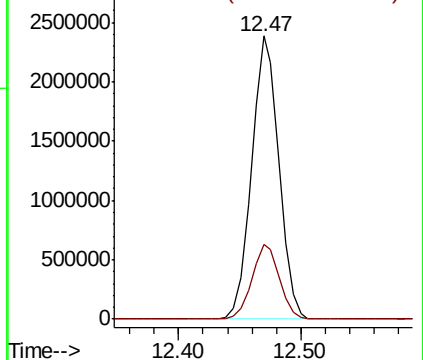
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 114.99 ug/l

RT: 12.28 min Scan# 1754

Delta R.T. -0.00 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

Tgt Ion: 43 Resp: 826989

Ion Ratio Lower Upper

43 100

70 44.9 36.3 54.5

55 26.8 22.6 33.8

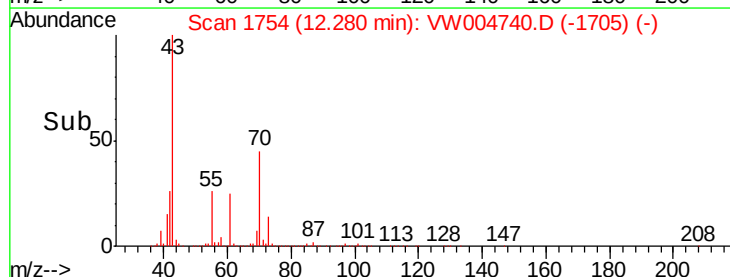
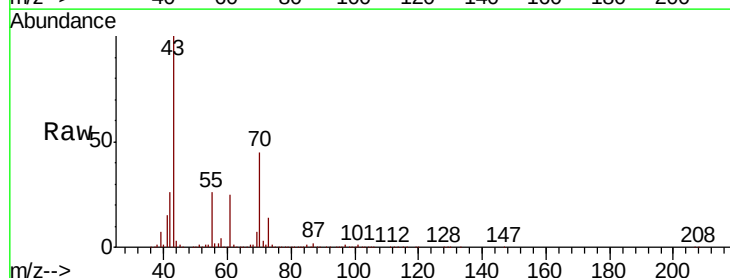
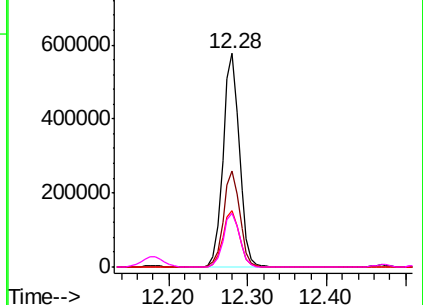
61 25.3 20.2 30.4

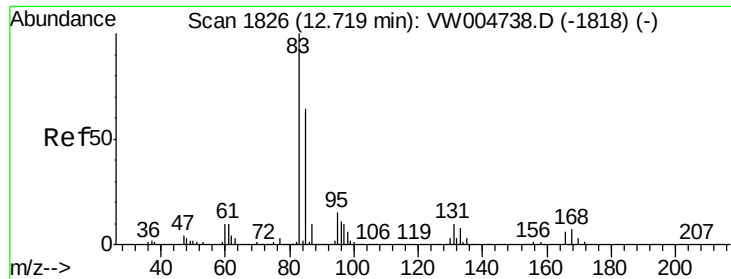
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 70.00 (69.70 to 70.70): VV

Ion 55.00 (54.70 to 55.70): VV

Ion 61.00 (60.70 to 61.70): VV





#75

1,1,2,2-Tetrachloroethane

Concen: 103.24 ug/l

RT: 12.72 min Scan# 1826

Delta R.T. -0.00 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

Instrument :

MSVOA\_W

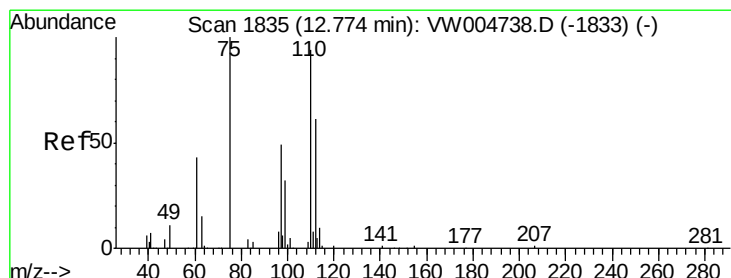
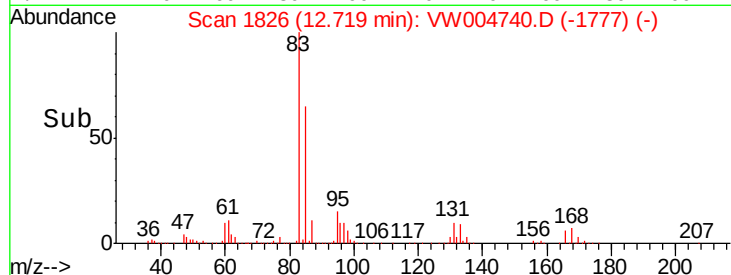
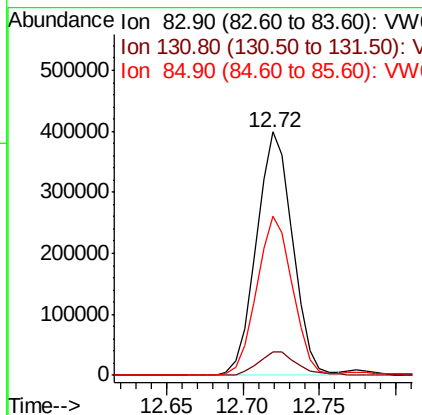
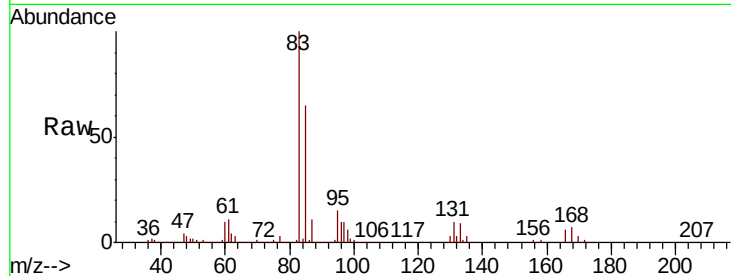
ClientSampled :

VSTDIC100

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 656091 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 131       | 10.3  | 5.3   | 15.8   |
| 85        | 64.7  | 31.9  | 95.9   |

Manual Integrations  
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#76

1,2,3-Trichloropropane

Concen: 58.51 ug/l m

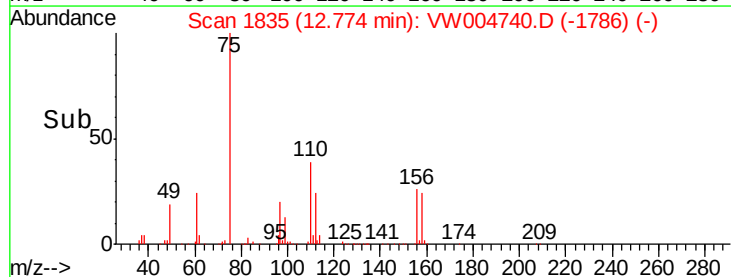
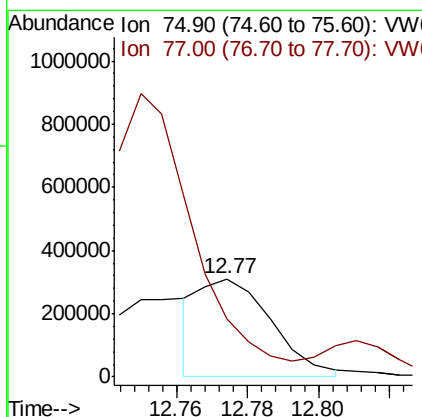
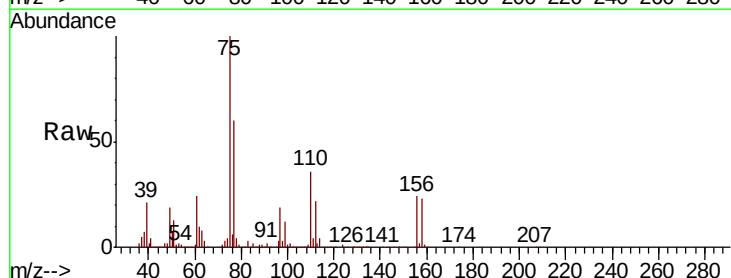
RT: 12.77 min Scan# 1835

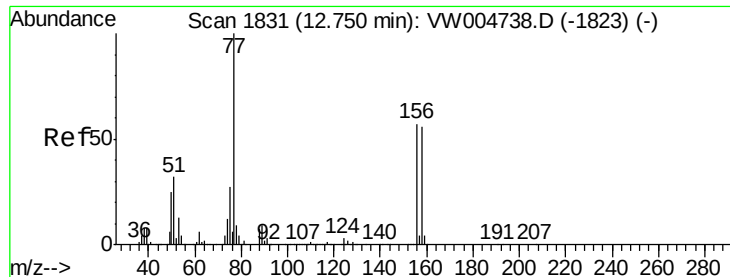
Delta R.T. -0.00 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 437023 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 0.0   | 0.0   | 0.0    |





#77

Bromobenzene

Concen: 103.17 ug/l

RT: 12.75 min Scan# 1831

Delta R.T. -0.00 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

Instrument :

MSVOA\_W

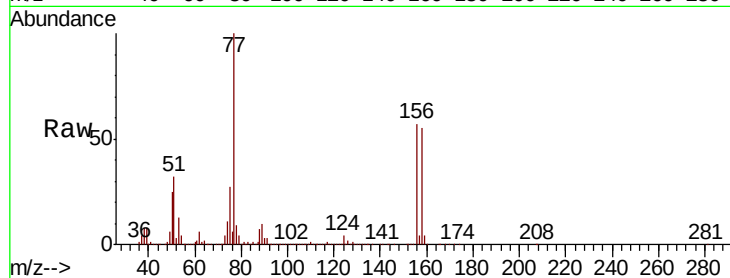
ClientSampleId :

VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 187.9 | 94.2  | 282.4 |
| 158     | 97.2  | 48.6  | 145.9 |

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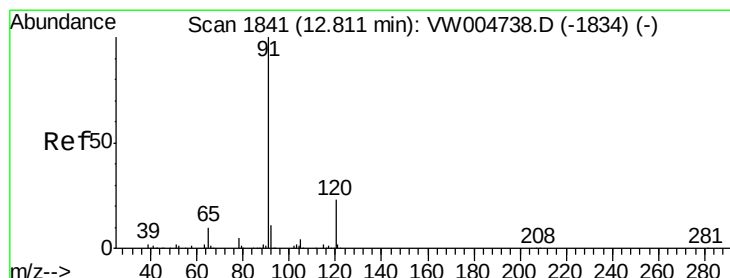
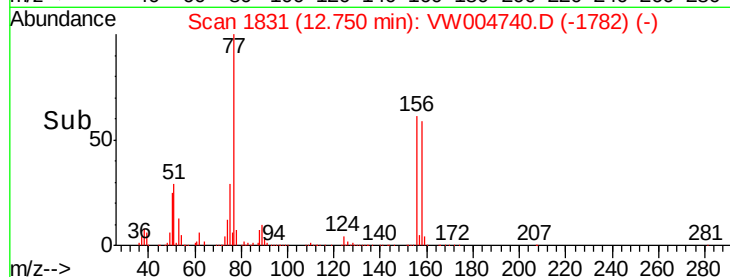
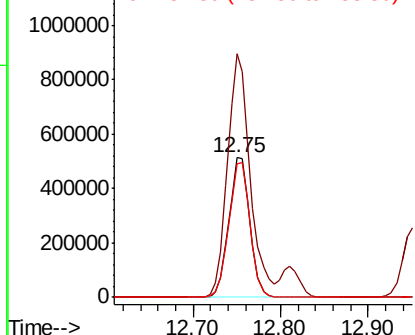


Abundance

Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 106.40 ug/l

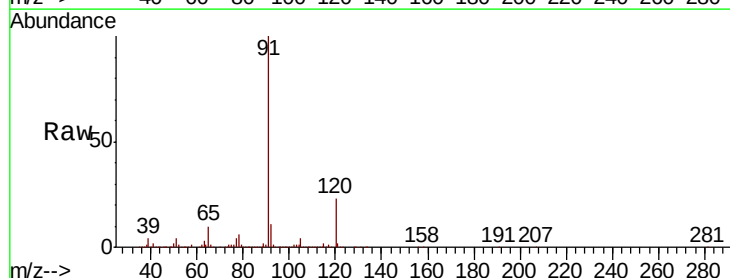
RT: 12.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

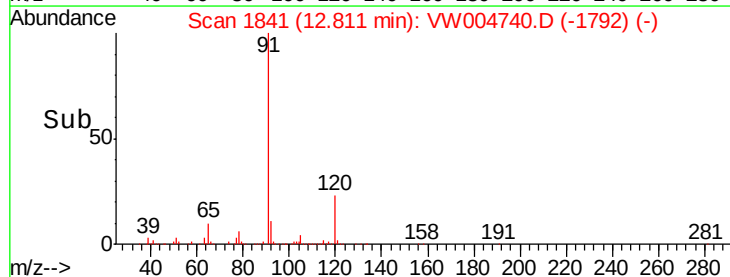
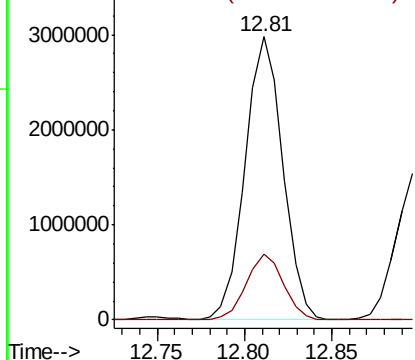
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 22.9  | 11.4  | 34.2  |

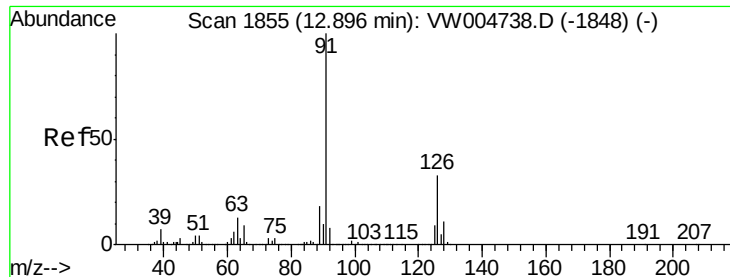


Abundance

Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 104.89 ug/l

RT: 12.90 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC100

Tot Ion: 91 Resp: 2531130

Ion Ratio Lower Upper

91 100

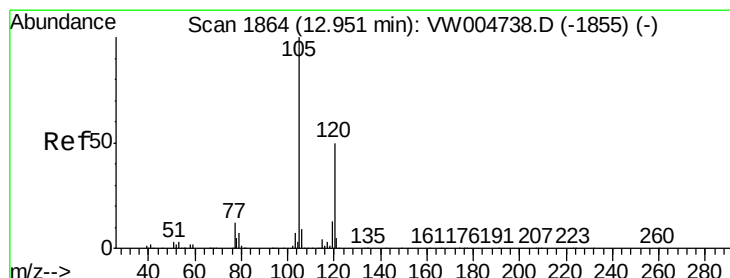
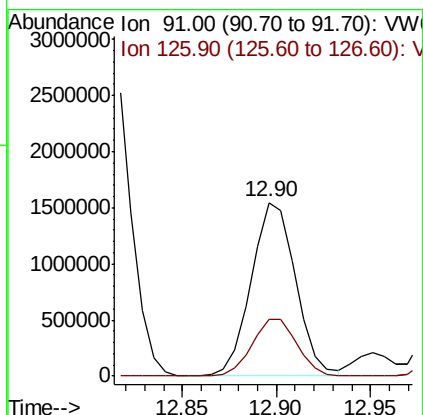
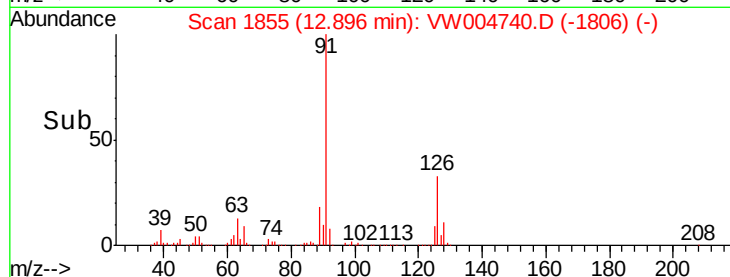
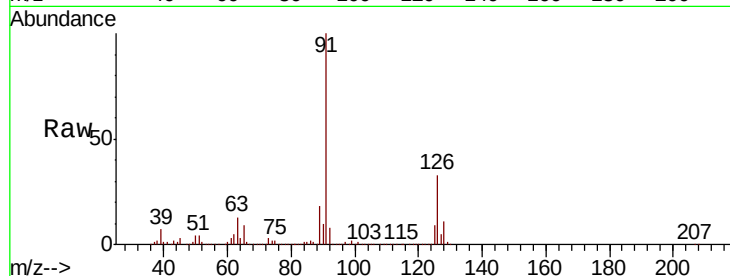
126 33.5 17.0 51.0

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#80

1,3,5-Trimethylbenzene

Concen: 107.30 ug/l

RT: 12.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VW004740.D

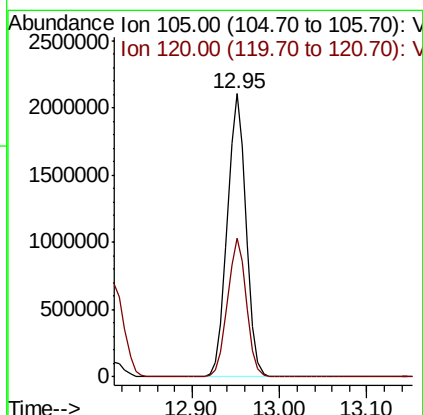
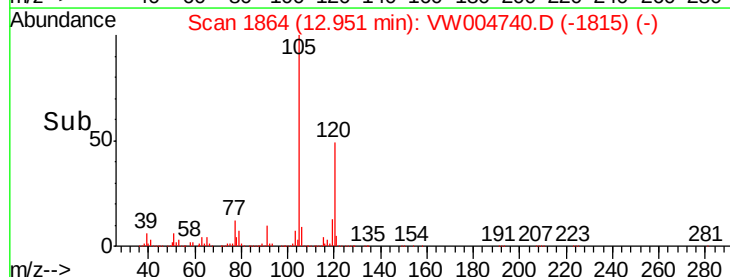
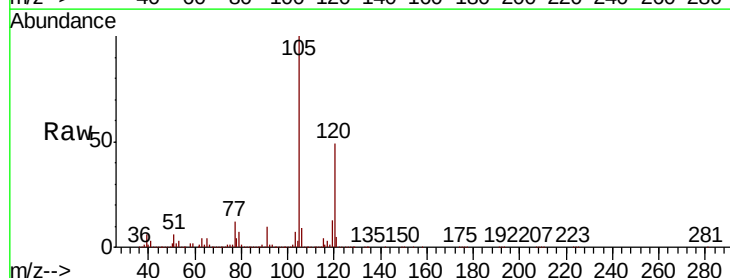
Acq: 17 Aug 2018 18:03

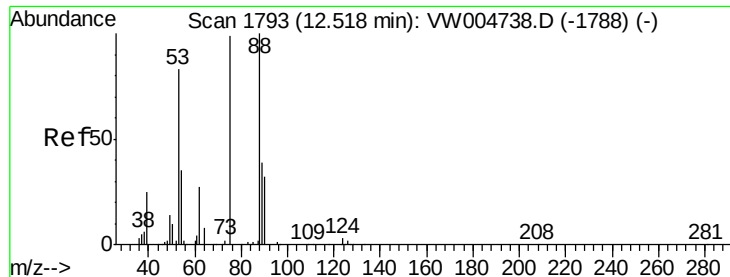
Tgt Ion:105 Resp: 3127173

Ion Ratio Lower Upper

105 100

120 49.3 24.7 74.1





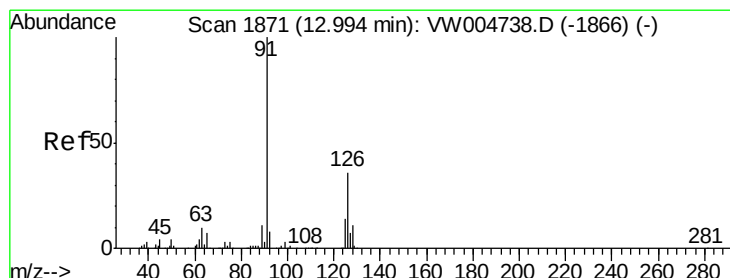
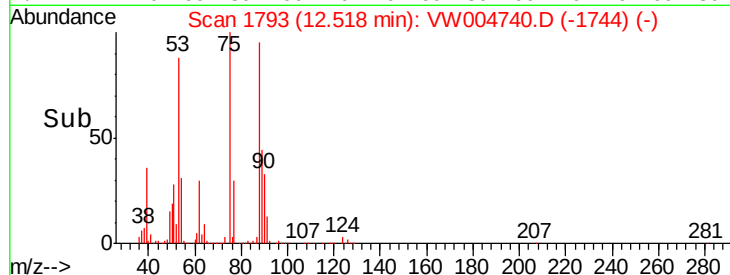
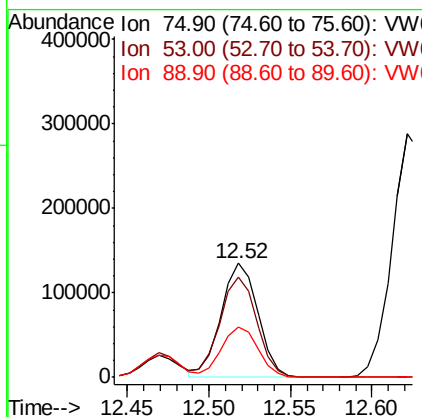
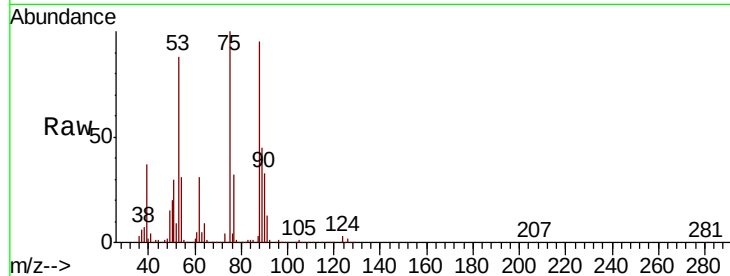
#81  
trans-1,4-Dichloro-2-butene  
Concen: 111.46 ug/l  
RT: 12.52 min Scan# 1793  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 88.3  | 72.2  | 108.4 |
| 89      | 44.2  | 35.2  | 52.8  |

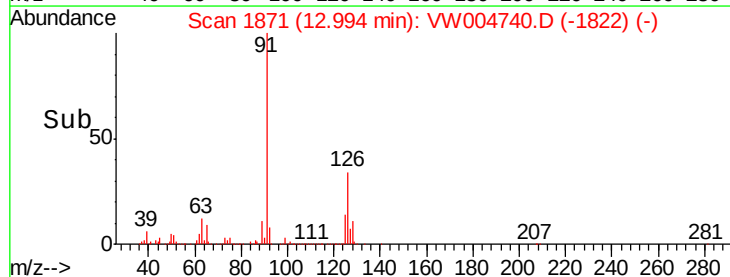
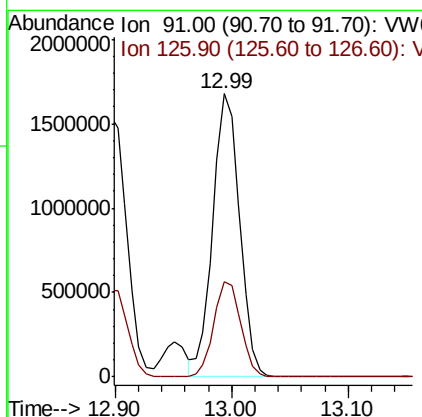
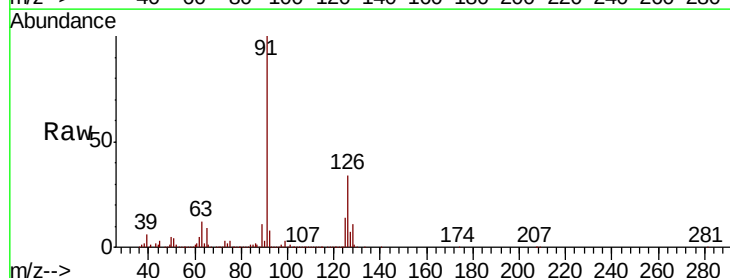
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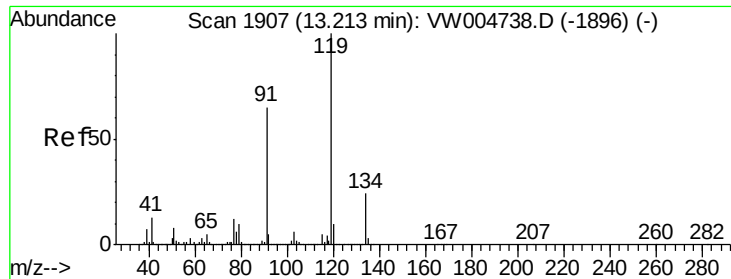
apatel  
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#82  
4-Chlorotoluene  
Concen: 103.57 ug/l  
RT: 12.99 min Scan# 1871  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 33.8  | 16.9  | 50.7  |





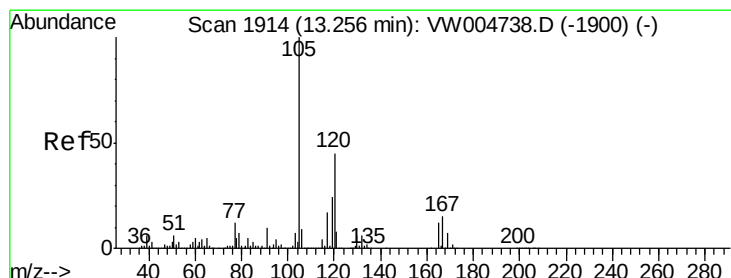
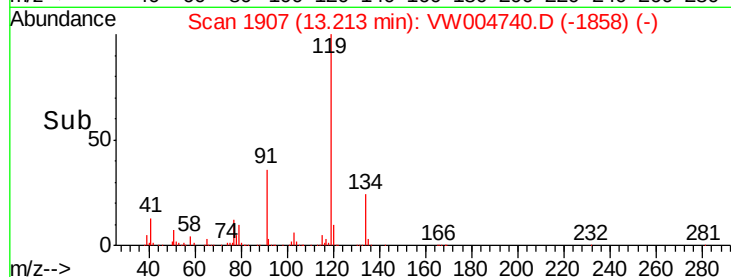
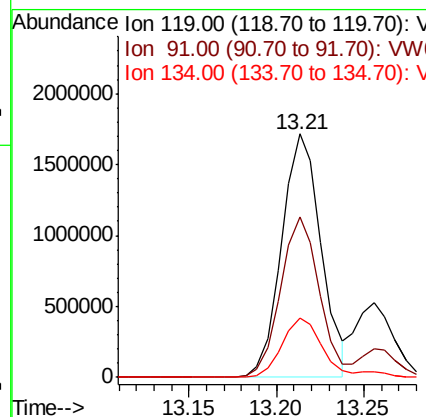
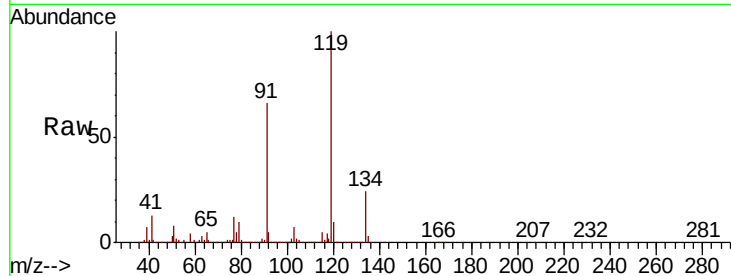
#83  
 tert-Butylbenzene  
 Concen: 108.53 ug/l  
 RT: 13.21 min Scan# 1907  
 Delta R.T. -0.00 min  
 Lab File: VW004740.D  
 Acq: 17 Aug 2018 18:03

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

Tot Ion:119 Resp: 2705594  
 Ion Ratio Lower Upper  
 119 100  
 91 65.3 32.6 97.8  
 134 26.2 13.1 39.3

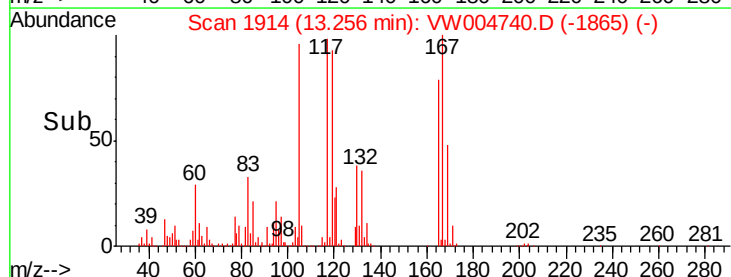
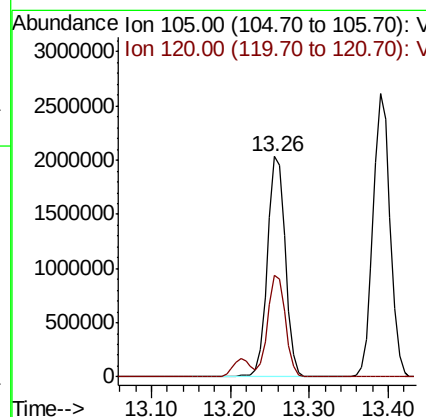
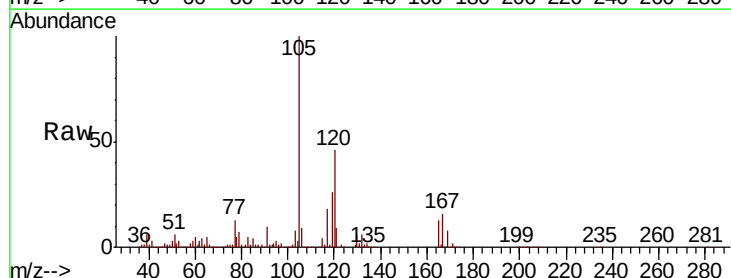
Manual Integrations  
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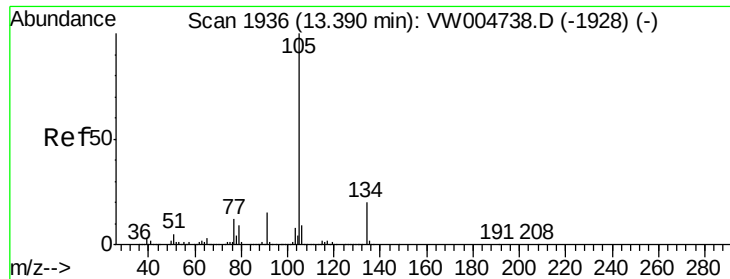
apatel  
 8/20/2018 9:54:02 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 106.41 ug/l  
 RT: 13.26 min Scan# 1914  
 Delta R.T. -0.00 min  
 Lab File: VW004740.D  
 Acq: 17 Aug 2018 18:03

Tgt Ion:105 Resp: 3190745  
 Ion Ratio Lower Upper  
 105 100  
 120 45.5 22.8 68.3





#85

sec-Butylbenzene

Concen: 105.88 ug/l

RT: 13.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

Instrument :

MSVOA\_W

ClientSampleId :

VSTDIC100

Tot Ion:105 Resp: 3940772

Ion Ratio Lower Upper

105 100

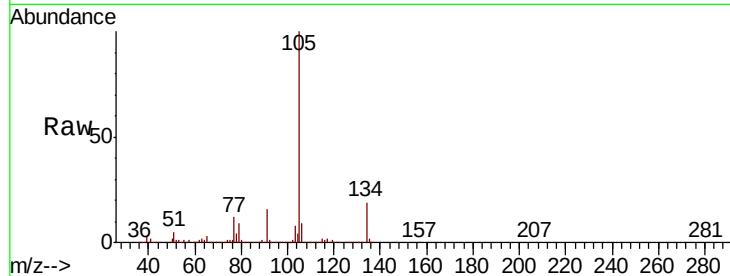
134 19.8 10.0 29.8

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

3000000

2500000

2000000

1500000

1000000

500000

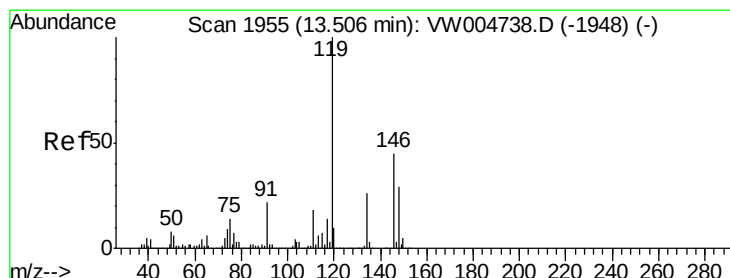
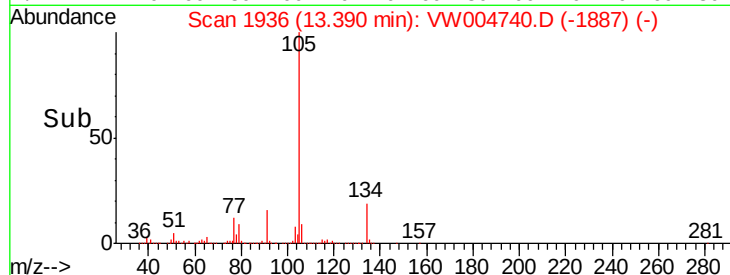
0

13.39

13.40

13.50

Time-->



#86

p-Isopropyltoluene

Concen: 107.21 ug/l

RT: 13.51 min Scan# 1955

Delta R.T. -0.00 min

Lab File: VW004740.D

Acq: 17 Aug 2018 18:03

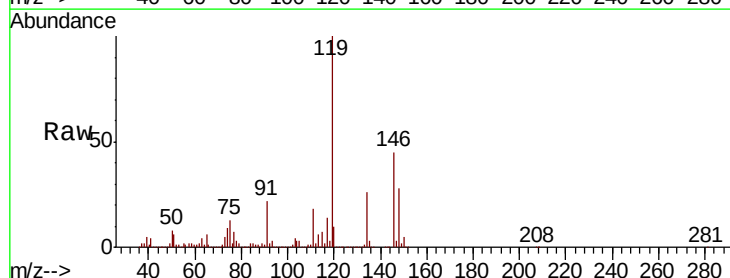
Tgt Ion:119 Resp: 3472001

Ion Ratio Lower Upper

119 100

134 26.3 13.1 39.3

91 22.5 11.2 33.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

3000000

2500000

2000000

1500000

1000000

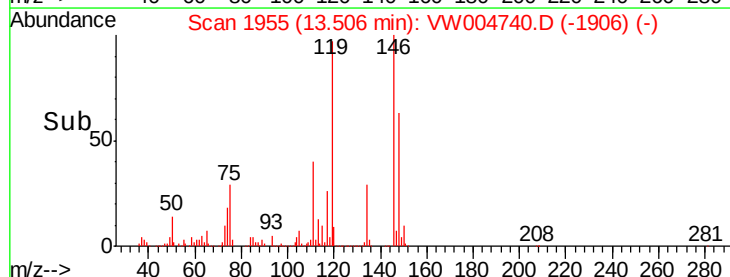
500000

0

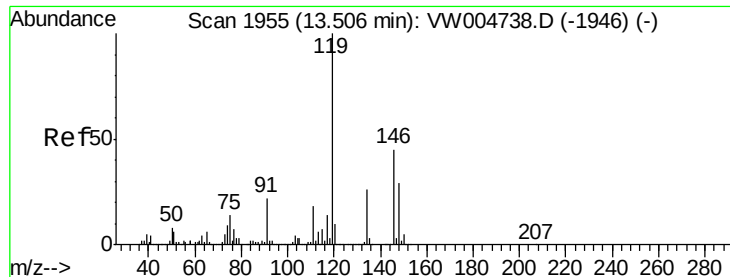
13.51

13.55

Time-->







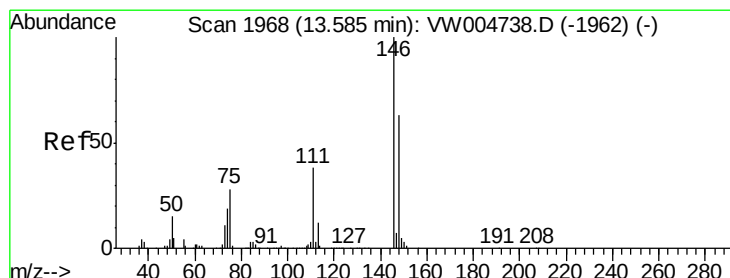
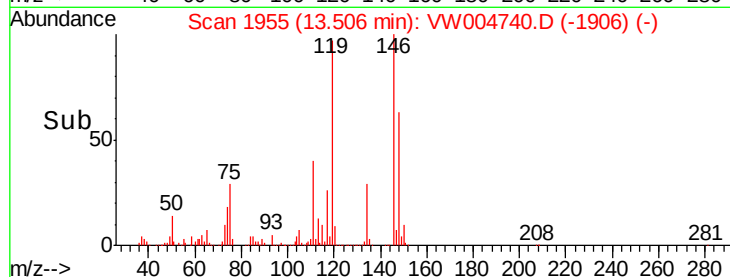
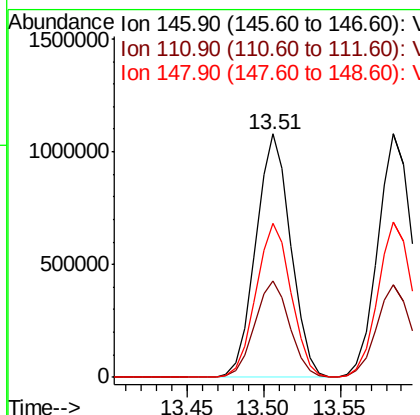
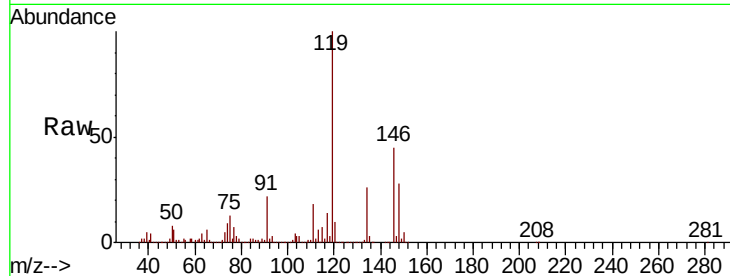
#87  
 1,3-Dichlorobenzene  
 Concen: 101.58 ug/l  
 RT: 13.51 min Scan# 1955  
 Delta R.T. -0.00 min  
 Lab File: VW004740.D  
 Acq: 17 Aug 2018 18:03

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.5  | 19.8  | 59.4  |
| 148     | 63.7  | 31.9  | 95.9  |

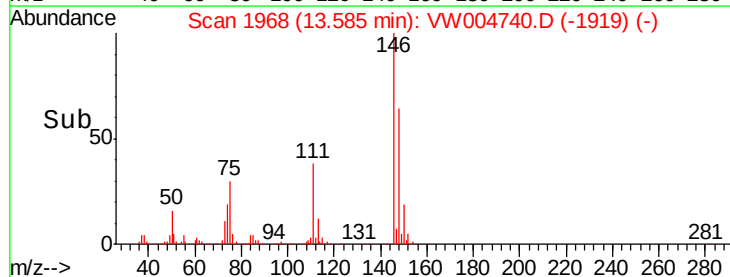
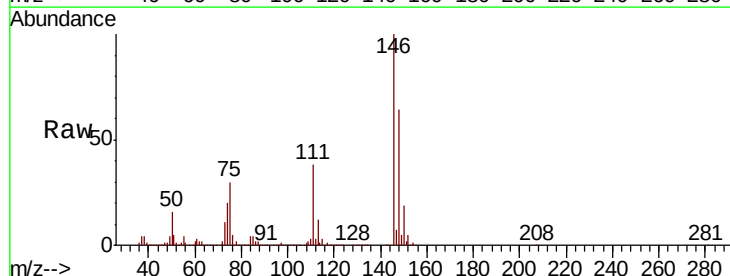
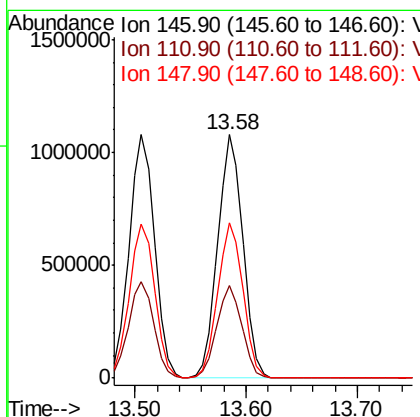
Manual Integrations  
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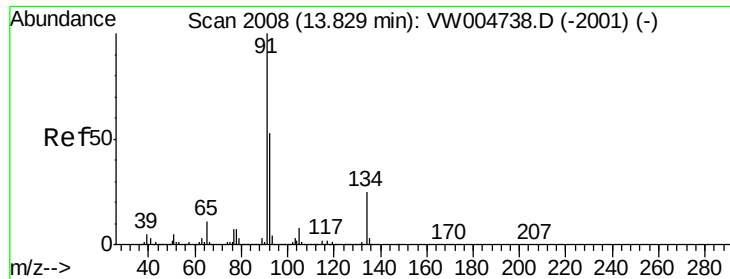
apatel  
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#88  
 1,4-Dichlorobenzene  
 Concen: 100.04 ug/l  
 RT: 13.58 min Scan# 1968  
 Delta R.T. -0.00 min  
 Lab File: VW004740.D  
 Acq: 17 Aug 2018 18:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.0  | 19.3  | 57.8  |
| 148     | 63.8  | 31.8  | 95.3  |





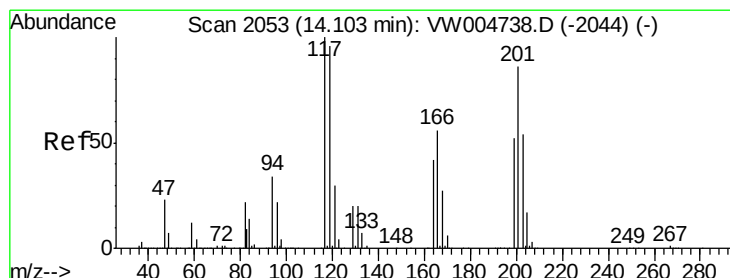
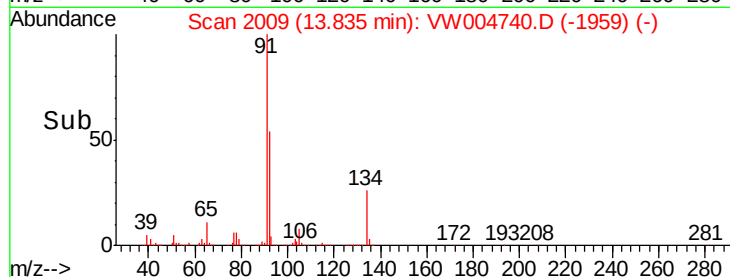
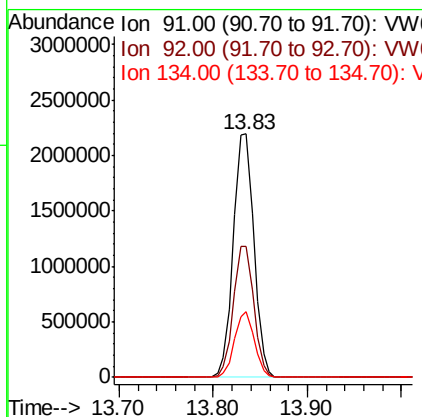
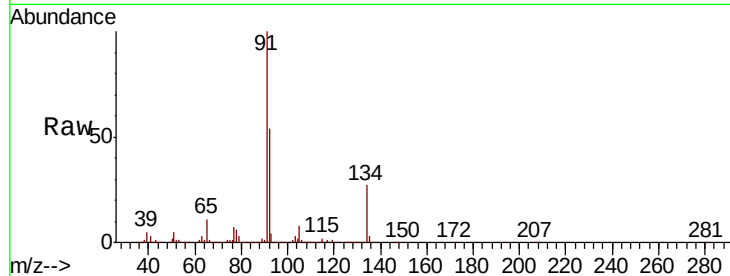
#89  
n-Butylbenzene  
Concen: 106.55 ug/l  
RT: 13.83 min Scan# 2009  
Delta R.T. 0.01 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 53.4  | 26.4  | 79.2  |
| 134     | 25.9  | 12.8  | 38.3  |

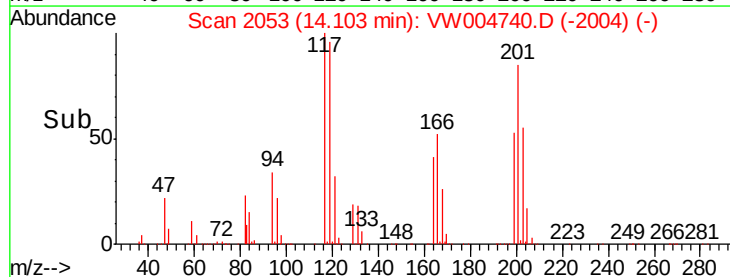
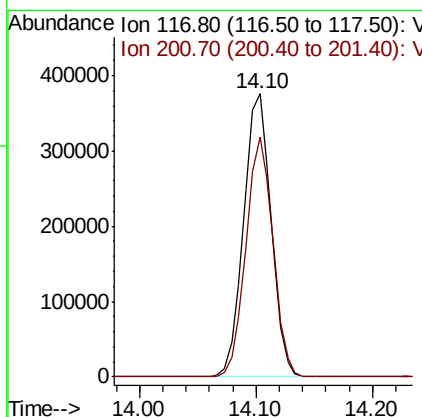
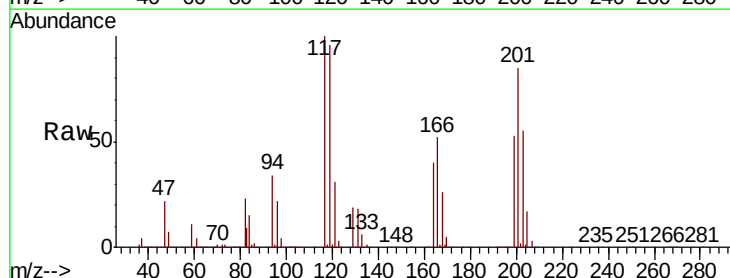
Manual Integrations  
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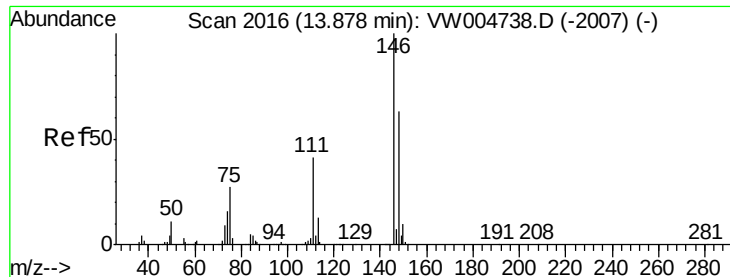
apatel  
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#90  
Hexachloroethane  
Concen: 104.96 ug/l  
RT: 14.10 min Scan# 2053  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 83.4  | 42.4  | 127.2 |





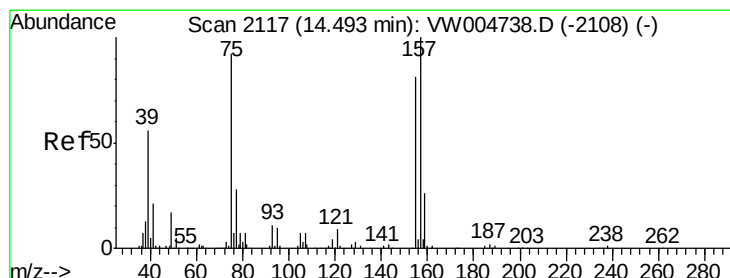
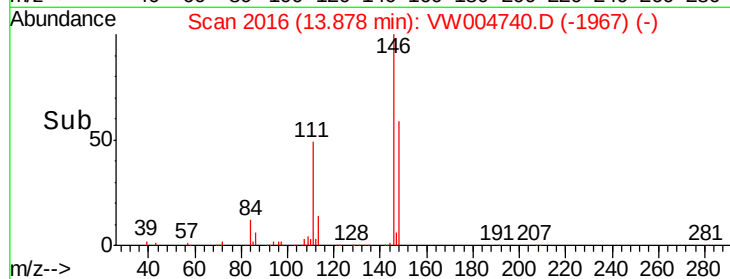
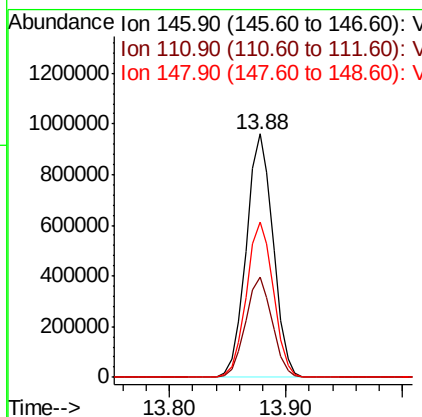
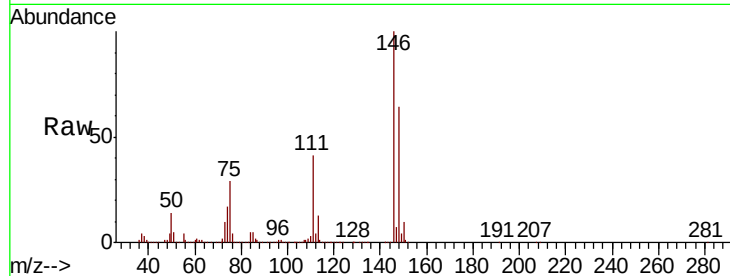
#91  
 1,2-Dichlorobenzene  
 Concen: 101.89 ug/l  
 RT: 13.88 min Scan# 2016  
 Delta R.T. -0.00 min  
 Lab File: VW004740.D  
 Acq: 17 Aug 2018 18:03

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.9  | 20.4  | 61.3  |
| 148     | 64.2  | 31.6  | 95.0  |

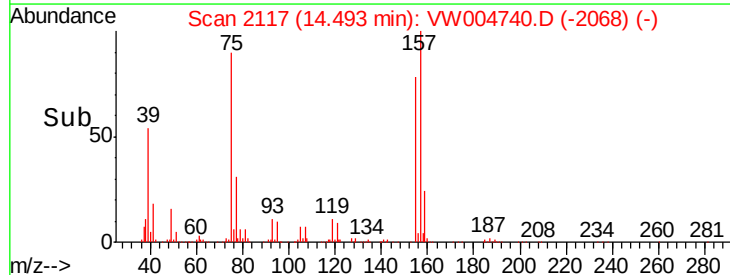
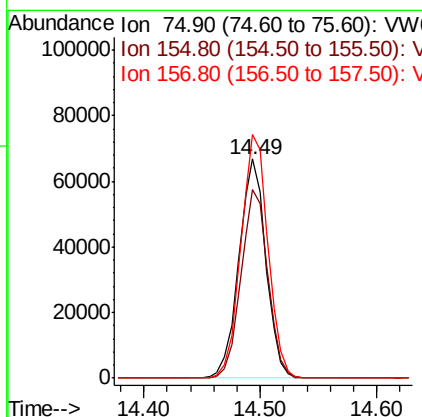
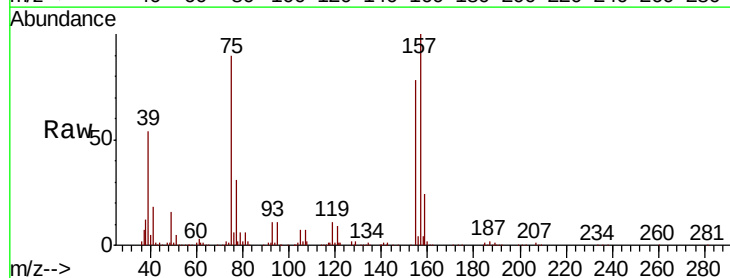
Manual Integrations  
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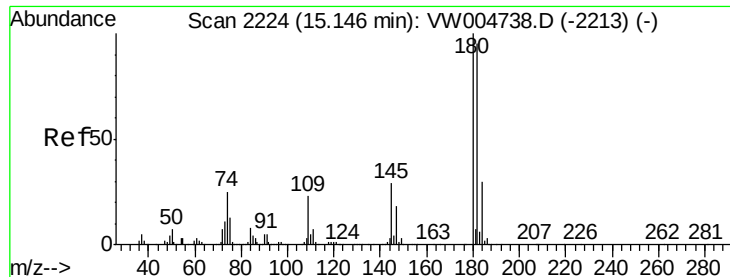
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 108.38 ug/l  
 RT: 14.49 min Scan# 2117  
 Delta R.T. -0.00 min  
 Lab File: VW004740.D  
 Acq: 17 Aug 2018 18:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 85.9  | 43.3  | 129.9 |
| 157     | 112.0 | 54.5  | 163.6 |





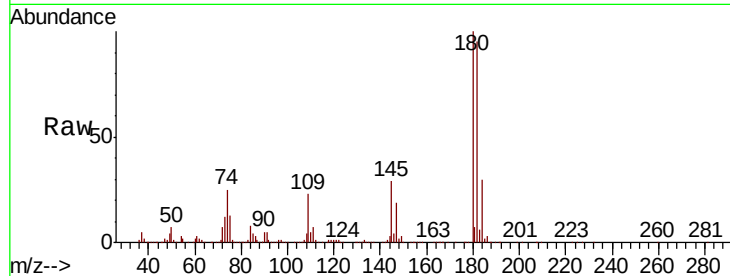
#93  
 1,2,4-Trichlorobenzene  
 Concen: 107.08 ug/l  
 RT: 15.15 min Scan# 2224  
 Delta R.T. -0.00 min  
 Lab File: VW004740.D  
 Acq: 17 Aug 2018 18:03

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.5  | 47.3  | 141.8 |
| 145     | 29.4  | 14.6  | 43.8  |

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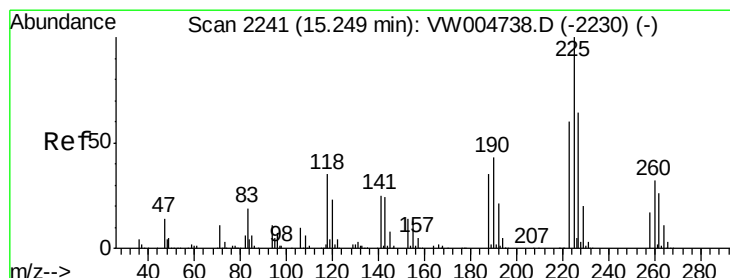
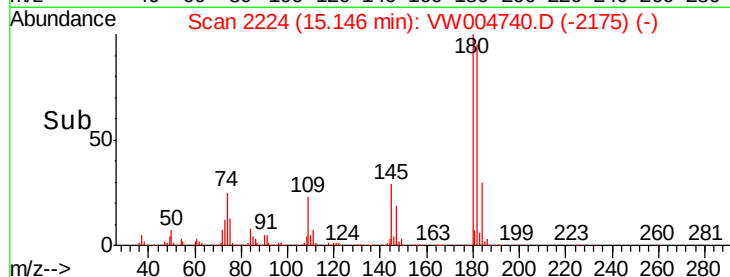
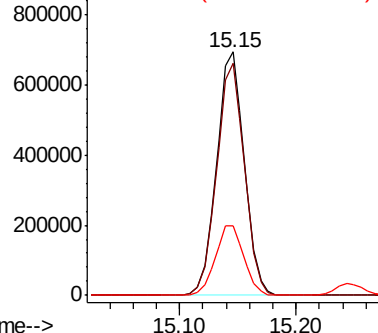


Abundance

Ion 179.80 (179.50 to 180.50): V

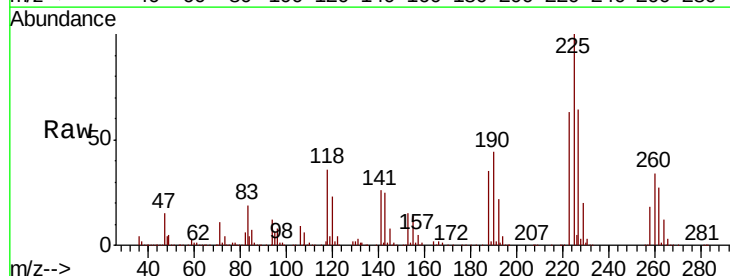
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94  
 Hexachlorobutadiene  
 Concen: 100.26 ug/l  
 RT: 15.25 min Scan# 2241  
 Delta R.T. -0.00 min  
 Lab File: VW004740.D  
 Acq: 17 Aug 2018 18:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.3  | 30.9  | 92.5  |
| 227     | 64.7  | 32.0  | 96.0  |

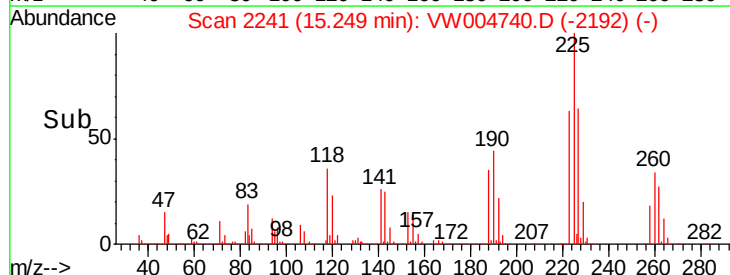
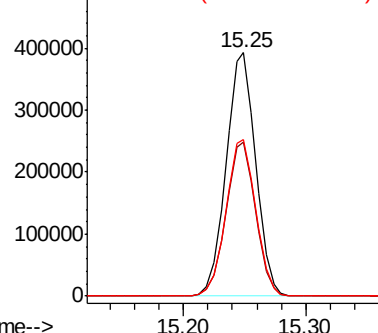


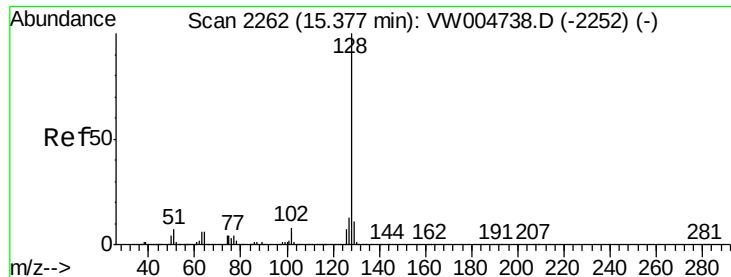
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





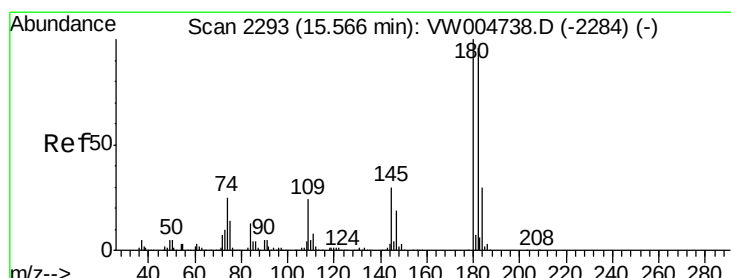
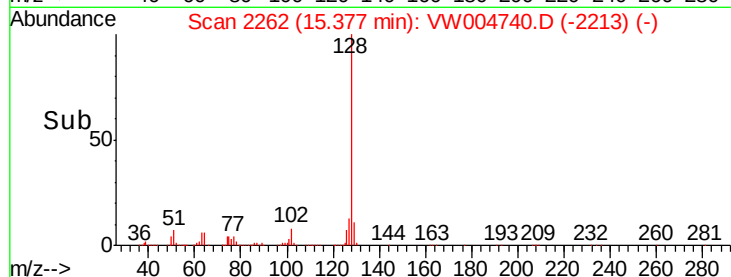
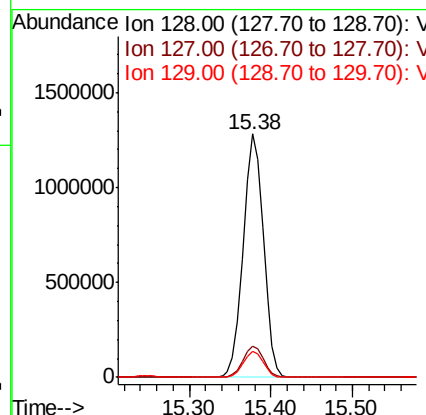
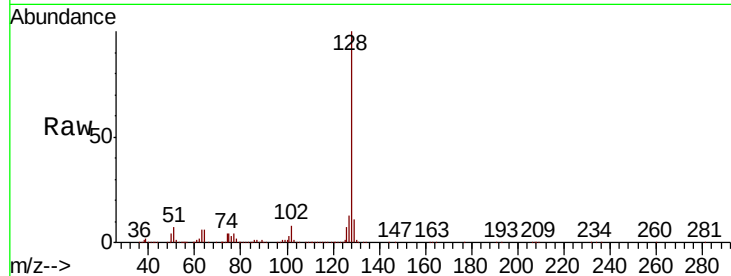
#95  
Naphthalene  
Concen: 117.47 ug/l  
RT: 15.38 min Scan# 2262  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDIC100

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 13.0  | 10.4  | 15.6  |
| 129     | 10.9  | 8.6   | 13.0  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 107.45 ug/l  
RT: 15.57 min Scan# 2293  
Delta R.T. -0.00 min  
Lab File: VW004740.D  
Acq: 17 Aug 2018 18:03

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.3  | 47.3  | 142.0 |
| 145     | 31.1  | 15.4  | 46.1  |

