

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_W\DATA\VW121718\  
 Data File : VW007522.D  
 Acq On : 14 Dec 2018 08:53  
 Operator : SY/AP  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
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 12/17/2018 1:43:59 PM

Quant Time: Dec 14 10:42:27 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W121118S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 11 02:58:16 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 73604    | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 123782   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 114296   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 56715    | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc   | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|--------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 8.30  | 65   | 44988    | 55.09  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 110.18% |          |
| 35) Dibromofluoromethane    | 7.88  | 113  | 41626    | 55.55  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 111.10% |          |
| 50) Toluene-d8              | 10.32 | 98   | 151058   | 53.77  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 107.54% |          |
| 62) 4-Bromofluorobenzene    | 12.62 | 95   | 58904    | 57.02  | ug/l    | 0.00     |
| Spiked Amount               |       |      |          | 50.000 |         |          |
|                             |       |      | Recovery | =      | 114.04% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 2.01 | 85   | 22942    | 44.604  | ug/l  | 96     |
| 3) Chloromethane              | 2.22 | 50   | 19512    | 45.295  | ug/l  | 96     |
| 4) Vinyl Chloride             | 2.37 | 62   | 23619    | 46.722  | ug/l  | 96     |
| 5) Bromomethane               | 2.78 | 94   | 16664    | 49.062  | ug/l  | 98     |
| 6) Chloroethane               | 2.92 | 64   | 13906    | 49.973  | ug/l  | 96     |
| 7) Trichlorofluoromethane     | 3.26 | 101  | 21248    | 46.752  | ug/l  | 94     |
| 8) Diethyl Ether              | 3.68 | 74   | 18691    | 52.544  | ug/l  | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 4.06 | 101  | 37609    | 50.151  | ug/l  | 99     |
| 10) Methyl Iodide             | 4.26 | 142  | 63193    | 50.879  | ug/l  | 97     |
| 11) Tert butyl alcohol        | 5.17 | 59   | 14563    | 259.676 | ug/l  | 97     |
| 12) 1,1-Dichloroethene        | 4.03 | 96   | 36587    | 50.672  | ug/l  | 95     |
| 13) Acrolein                  | 3.89 | 56   | 10581    | 285.134 | ug/l  | 96     |
| 14) Allyl chloride            | 4.67 | 41   | 52944    | 49.746  | ug/l  | 99     |
| 15) Acrylonitrile             | 5.36 | 53   | 42660    | 284.484 | ug/l  | 99     |
| 16) Acetone                   | 4.12 | 43   | 35391    | 248.128 | ug/l  | 96     |
| 17) Carbon Disulfide          | 4.37 | 76   | 106809   | 48.788  | ug/l  | 98     |
| 18) Methyl Acetate            | 4.67 | 43   | 21788    | 56.283  | ug/l  | 100    |
| 19) Methyl tert-butyl Ether   | 5.42 | 73   | 59650    | 54.763  | ug/l  | 99     |
| 20) Methylene Chloride        | 4.91 | 84   | 41094    | 52.914  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 5.42 | 96   | 41638    | 51.551  | ug/l  | 97     |
| 22) Diisopropyl ether         | 6.31 | 45   | 105113   | 51.382  | ug/l  | 96     |
| 23) Vinyl Acetate             | 6.25 | 43   | 306489   | 267.853 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 6.21 | 63   | 70537    | 51.017  | ug/l  | 97     |
| 25) 2-Butanone                | 7.17 | 43   | 51740    | 277.864 | ug/l  | 98     |
| 26) 2,2-Dichloropropane       | 7.16 | 77   | 40971    | 44.775  | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 7.16 | 96   | 46495    | 52.572  | ug/l  | 99     |
| 28) Bromochloromethane        | 7.51 | 49   | 26458    | 50.874  | ug/l  | 99     |
| 29) Tetrahydrofuran           | 7.52 | 42   | 33551    | 284.618 | ug/l  | 98     |
| 30) Chloroform                | 7.68 | 83   | 79138    | 52.596  | ug/l  | 99     |
| 31) Cyclohexane               | 7.95 | 56   | 58108    | 45.807  | ug/l  | 97     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97   | 66216    | 50.184  | ug/l  | 98     |
| 36) 1,1-Dichloropropene       | 8.08 | 75   | 56860    | 50.355  | ug/l  | 100    |
| 37) Ethyl Acetate             | 7.25 | 43   | 23588    | 56.164  | ug/l  | 98     |
| 38) Carbon Tetrachloride      | 8.07 | 117  | 63183    | 51.425  | ug/l  | 96     |

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 Operator : SY/AP  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA\_W/SOIL  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
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 12/17/2018 1:43:59 PM

Quant Time: Dec 14 10:42:27 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W121118S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Dec 11 02:58:16 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 67753    | 49.552   | ug/l   | 91       |
| 40) Benzene                    | 8.32  | 78   | 161206   | 51.443   | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.48  | 41   | 13854    | 57.927   | ug/l   | 95       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 53480    | 54.329   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.43  | 43   | 46102    | 55.572   | ug/l   | 100      |
| 44) Trichloroethene            | 9.09  | 130  | 46441    | 51.898   | ug/l   | 100      |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 37818    | 52.151   | ug/l   | 99       |
| 46) Dibromomethane             | 9.46  | 93   | 22388    | 54.364   | ug/l   | 98       |
| 47) Bromodichloromethane       | 9.64  | 83   | 57842    | 53.548   | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.44  | 41   | 23280    | 54.640   | ug/l   | 96       |
| 49) 1,4-Dioxane                | 9.45  | 88   | 8192     | 1225.989 | ug/l   | 98       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 114186   | 291.303  | ug/l   | 100      |
| 52) Toluene                    | 10.39 | 92   | 106107   | 52.322   | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 56424    | 53.805   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 61677    | 50.876   | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 32134    | 57.333   | ug/l   | 95       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 40023    | 59.410   | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 52702    | 57.288   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 93408    | 300.673  | ug/l   | 100      |
| 59) 2-Hexanone                 | 10.97 | 43   | 81641    | 312.352  | ug/l   | 99       |
| 60) Dibromochloromethane       | 11.13 | 129  | 40560    | 57.343   | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 32615    | 58.884   | ug/l   | 95       |
| 64) Tetrachloroethene          | 10.87 | 164  | 43247    | 52.616   | ug/l   | 96       |
| 65) Chlorobenzene              | 11.66 | 112  | 122639   | 51.479   | ug/l   | 94       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 43718    | 52.105   | ug/l   | 99       |
| 67) Ethyl Benzene              | 11.73 | 91   | 210365   | 51.361   | ug/l   | 93       |
| 68) m/p-Xylenes                | 11.84 | 106  | 164538   | 103.335  | ug/l   | 99       |
| 69) o-Xylene                   | 12.17 | 106  | 78545    | 52.818   | ug/l   | 98       |
| 70) Styrene                    | 12.18 | 104  | 131758   | 54.855   | ug/l   | 97       |
| 71) Bromoform                  | 12.35 | 173  | 23097    | 53.782   | ug/l # | 98       |
| 73) Isopropylbenzene           | 12.47 | 105  | 217364   | 50.018   | ug/l   | 98       |
| 74) N-amyl acetate             | 12.27 | 43   | 44124    | 55.868   | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 35307    | 54.854   | ug/l   | 93       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 28018m   | 59.915   | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 49883    | 51.785   | ug/l   | 95       |
| 78) n-propylbenzene            | 12.80 | 91   | 251076   | 51.337   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 149184   | 50.413   | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 189345   | 51.854   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 10588    | 50.016   | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 157748   | 50.570   | ug/l   | 98       |
| 83) tert-Butylbenzene          | 13.21 | 119  | 165137   | 51.325   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 193048   | 51.376   | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.39 | 105  | 224836   | 51.189   | ug/l   | 95       |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 202422   | 51.300   | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 98874    | 51.481   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 99159    | 51.356   | ug/l   | 97       |
| 89) n-Butylbenzene             | 13.83 | 91   | 183618   | 50.197   | ug/l   | 99       |
| 90) Hexachloroethane           | 14.10 | 117  | 35372    | 50.381   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 87544    | 50.892   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 7124     | 55.153   | ug/l   | 98       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_W\DATA\VW121718\  
Data File : VW007522.D  
Acq On : 14 Dec 2018 08:53  
Operator : SY/AP  
Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA\_W/SOIL  
ALS Vial : 47 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
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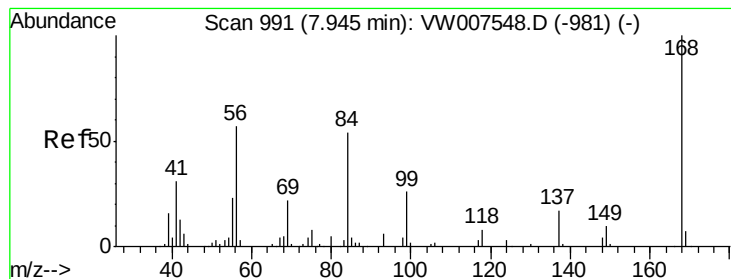
apatel  
12/17/2018 1:43:59 PM

Quant Time: Dec 14 10:42:27 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_W\METHOD\82W121118S.M  
Quant Title : SW846 8260  
QLast Update : Tue Dec 11 02:58:16 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180  | 60235    | 50.882 | ug/l  | 95       |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 29962    | 47.701 | ug/l  | 99       |
| 95) Naphthalene            | 15.37 | 128  | 126210   | 55.730 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 15.56 | 180  | 53556    | 52.079 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 73604

Ion Ratio Lower Upper

168 100

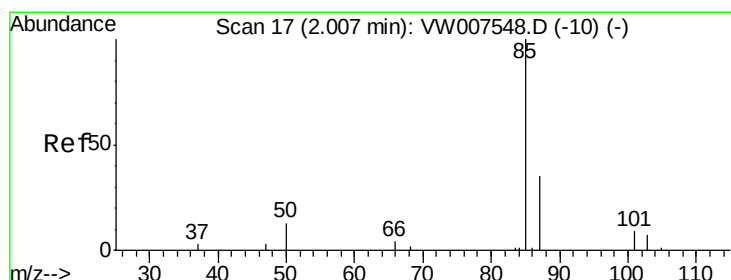
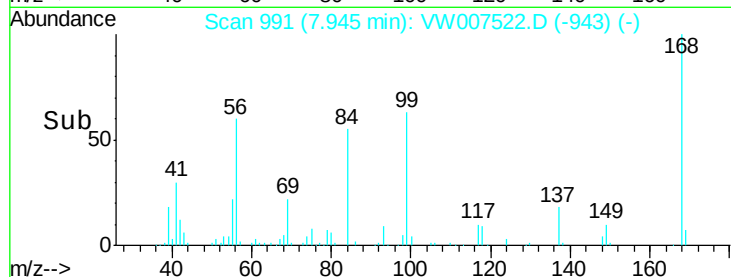
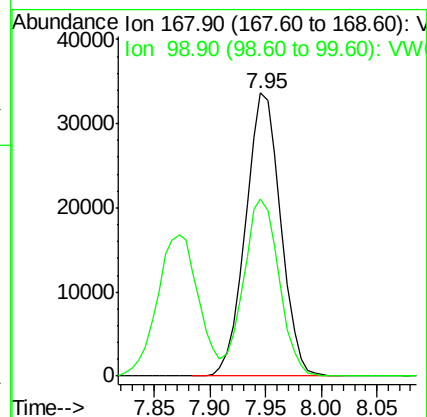
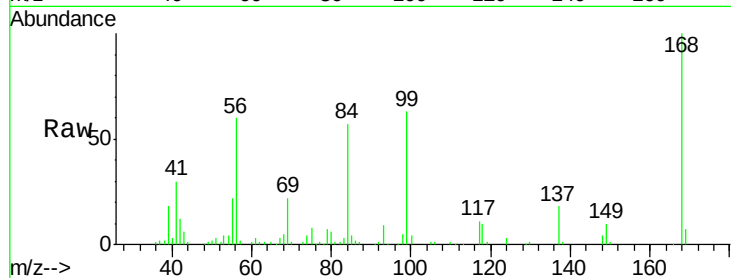
99 62.6 48.3 72.5

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 44.604 ug/l

RT: 2.01 min Scan# 18

Delta R.T. 0.01 min

Lab File: VW007522.D

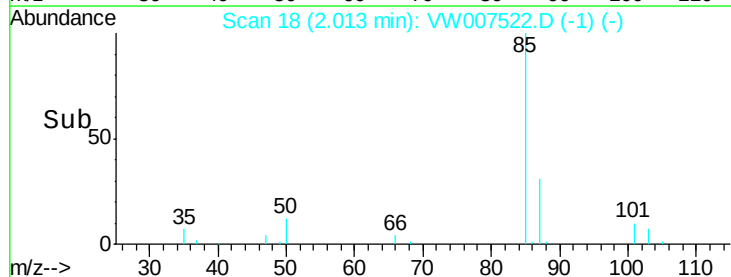
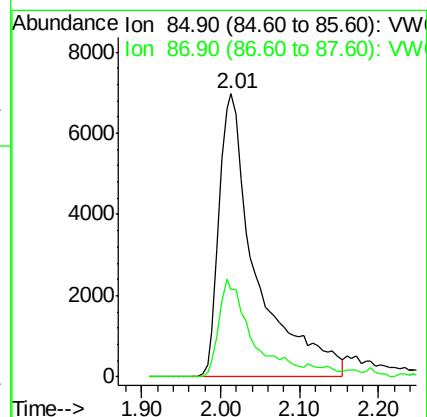
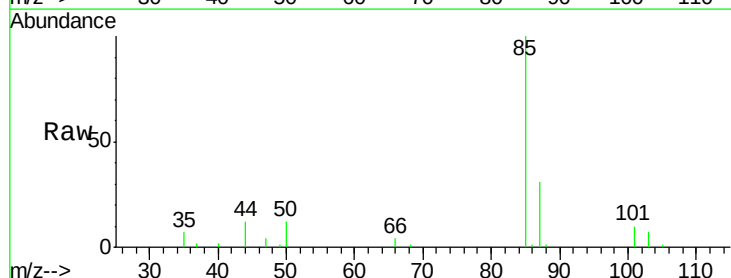
Acq: 14 Dec 2018 08:53

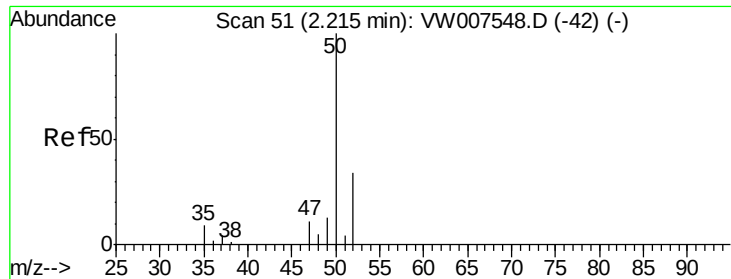
Tgt Ion: 85 Resp: 22942

Ion Ratio Lower Upper

85 100

87 31.1 16.6 49.7





#3

Chloromethane

Concen: 45.295 ug/l

RT: 2.22 min Scan# 52

Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 19512

Ion Ratio Lower Upper

50 100

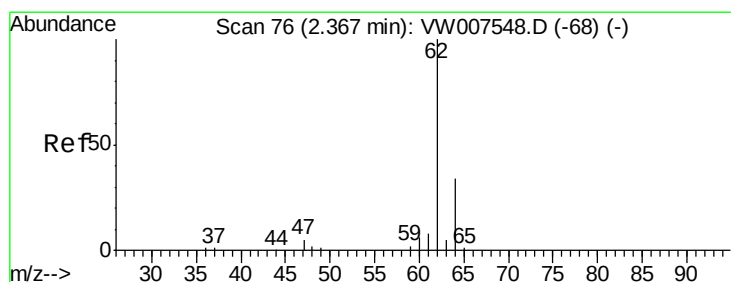
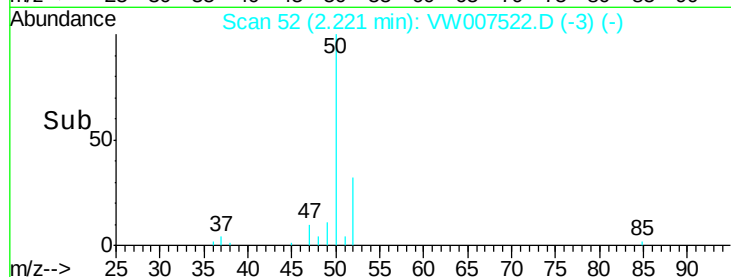
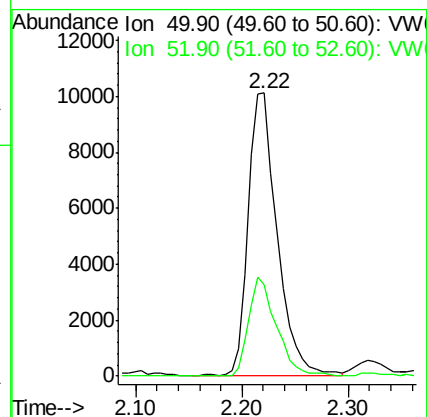
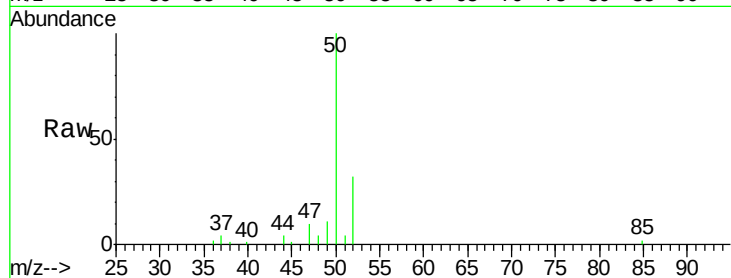
52 32.1 27.4 41.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.722 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007522.D

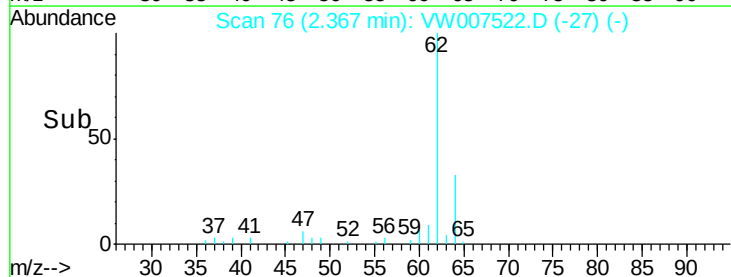
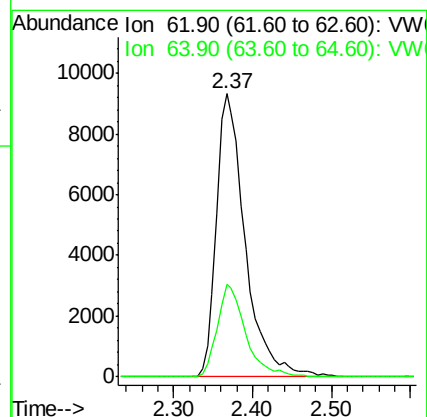
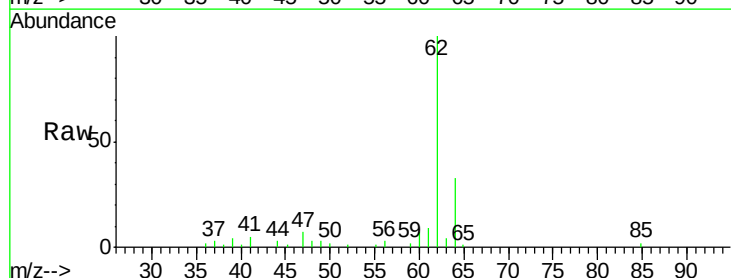
Acq: 14 Dec 2018 08:53

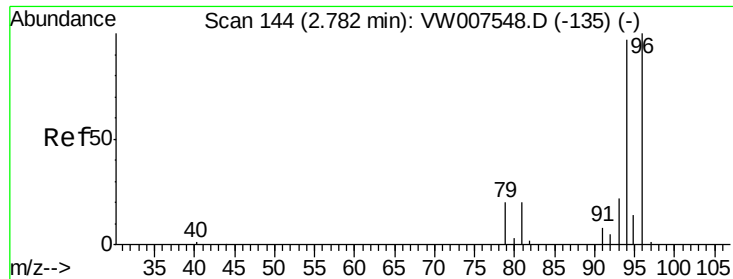
Tgt Ion: 62 Resp: 23619

Ion Ratio Lower Upper

62 100

64 32.8 24.6 37.0





#5

Bromomethane

Concen: 49.062 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 16664

Ion Ratio Lower Upper

94 100

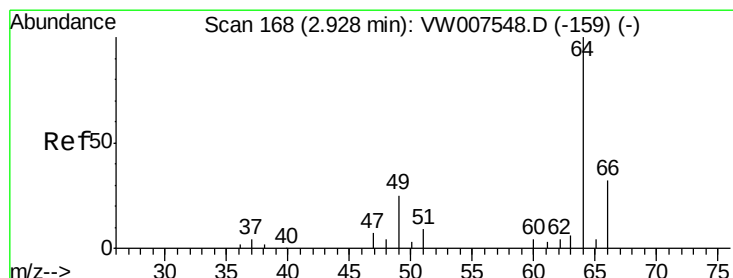
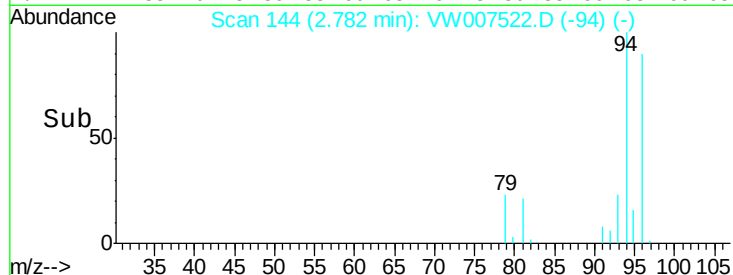
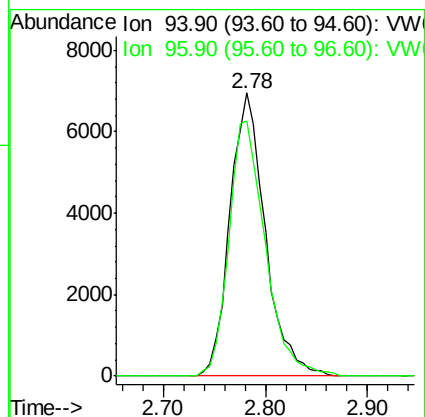
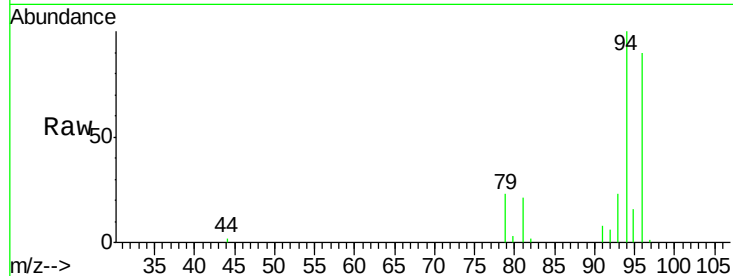
96 90.2 71.0 106.4

Manual Integrations

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#6

Chloroethane

Concen: 49.973 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW007522.D

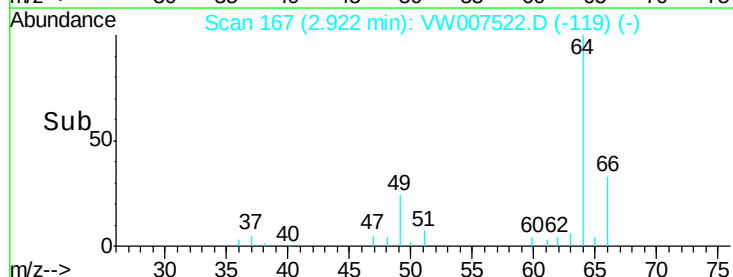
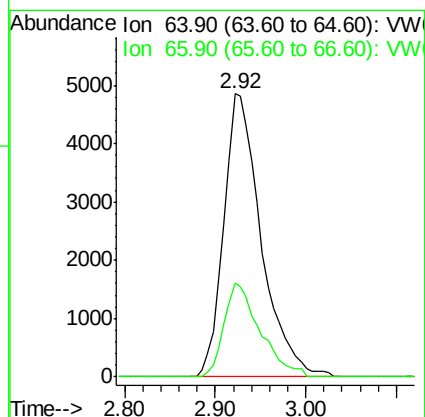
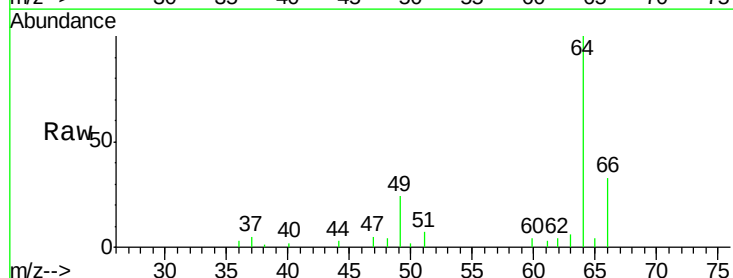
Acq: 14 Dec 2018 08:53

Tgt Ion: 64 Resp: 13906

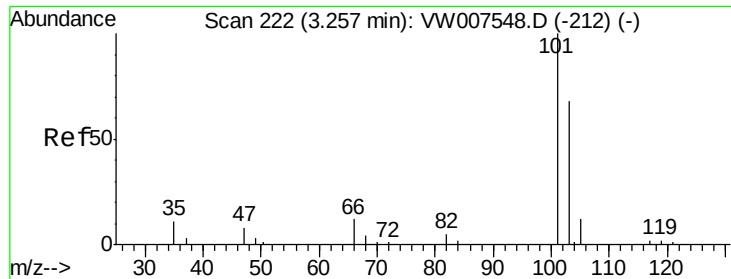
Ion Ratio Lower Upper

64 100

66 33.2 24.6 37.0







#7

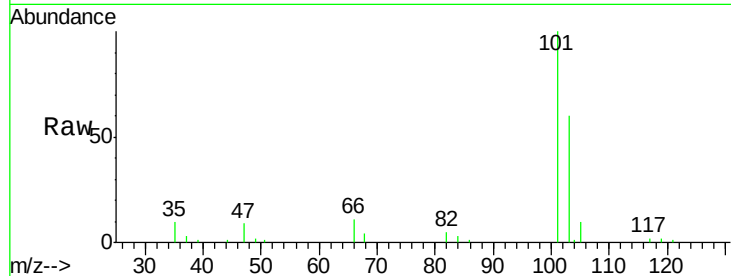
Trichlorofluoromethane  
Concen: 46.752 ug/l  
RT: 3.26 min Scan# 222  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

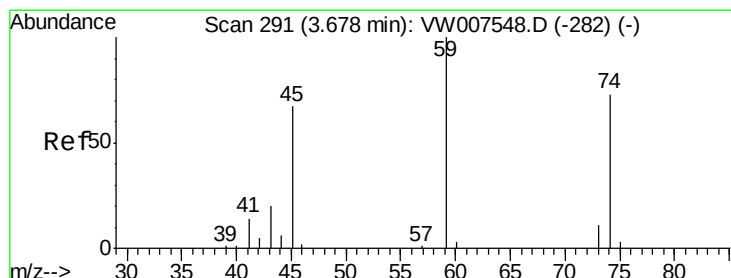
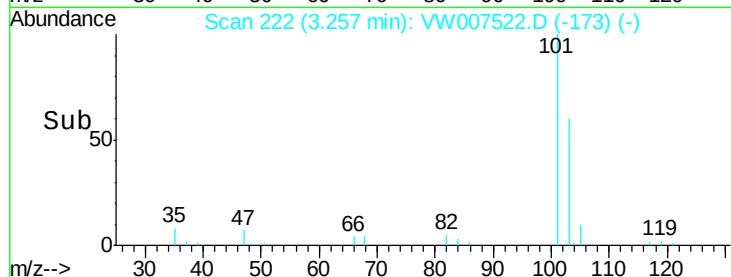
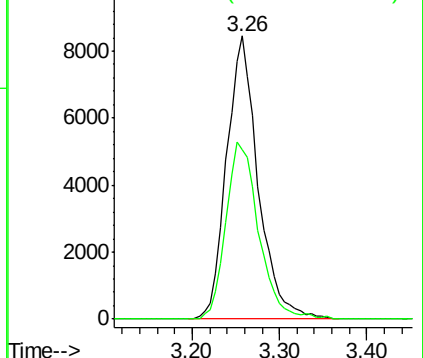
Tgt Ion: 101 Resp: 21248  
Ion Ratio Lower Upper  
101 100  
103 59.8 51.7 77.5

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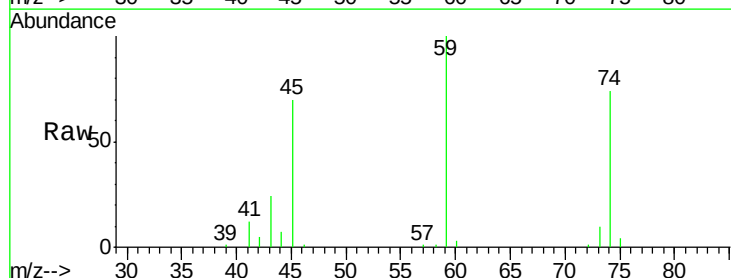
Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 102.80 (102.50 to 103.50): V



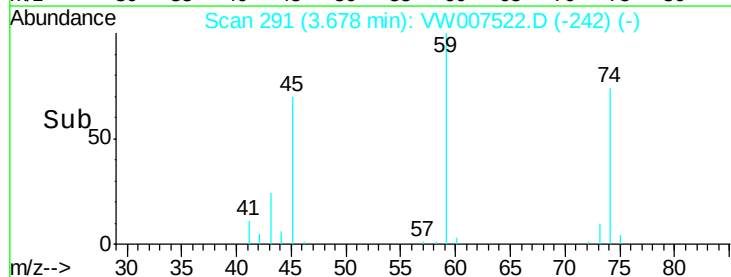
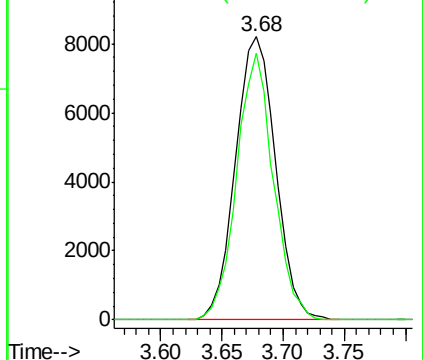
#8

Diethyl Ether  
Concen: 52.544 ug/l  
RT: 3.68 min Scan# 291  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

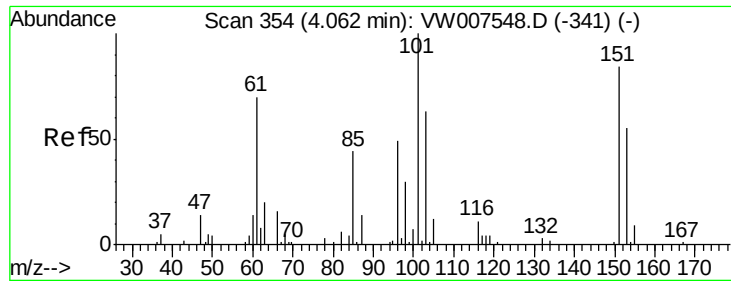
Tgt Ion: 74 Resp: 18691  
Ion Ratio Lower Upper  
74 100  
45 85.9 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW  
Ion 45.00 (44.70 to 45.70): VW







#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.151 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA\_W

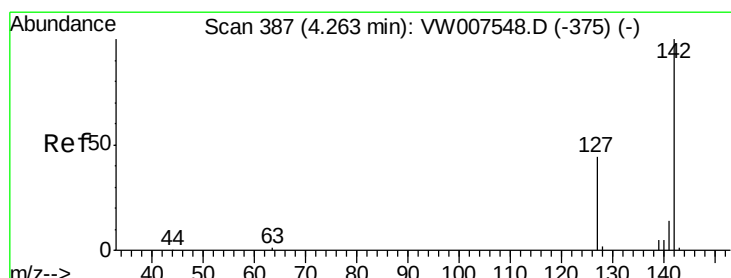
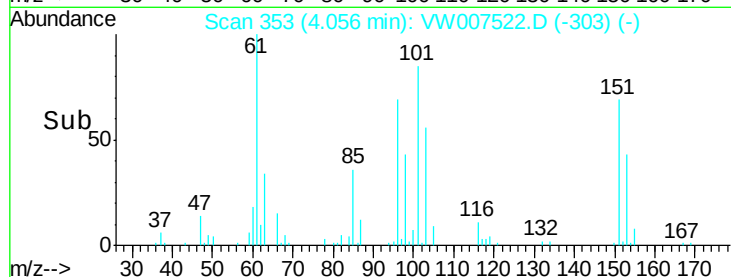
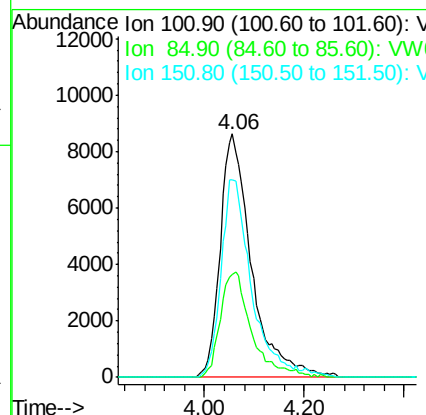
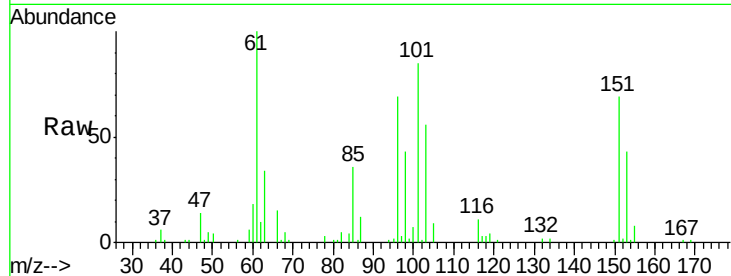
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 101   | Resp: | 37609 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 43.0  | 33.9  | 50.9  |
| 151       | 79.1  | 63.7  | 95.5  |

Manual Integrations  
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#10

Methyl Iodide

Concen: 50.879 ug/l

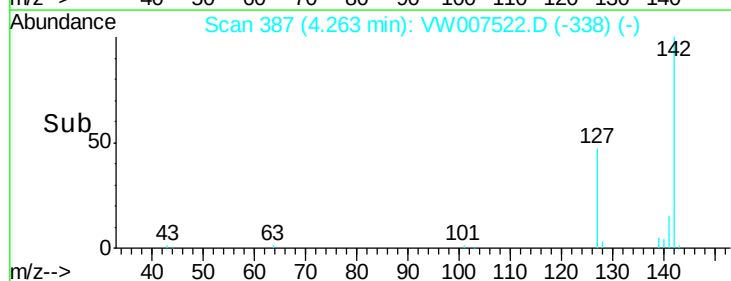
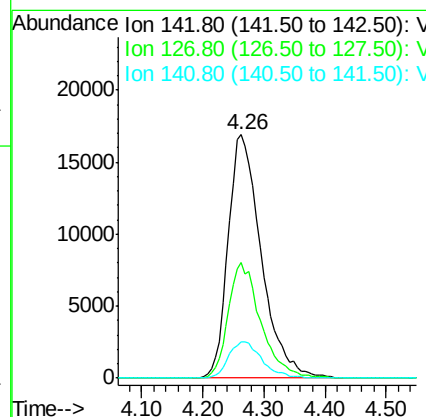
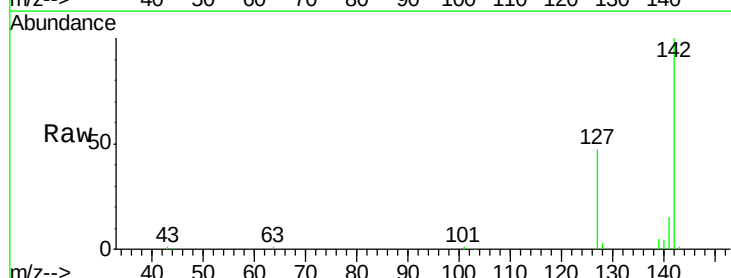
RT: 4.26 min Scan# 387

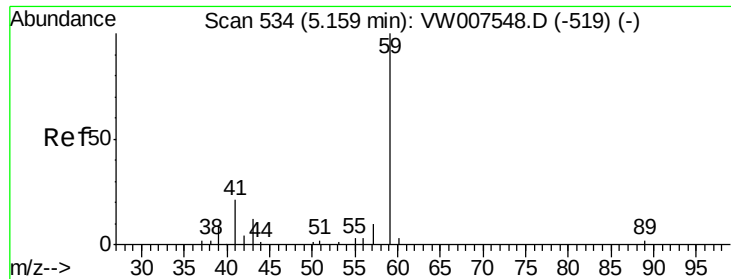
Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 63193 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 46.3  | 35.8  | 53.6  |
| 141       | 15.1  | 11.1  | 16.7  |





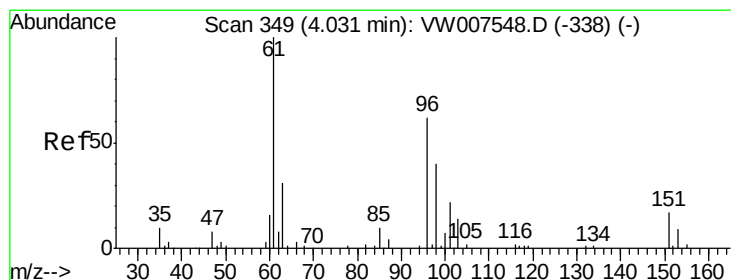
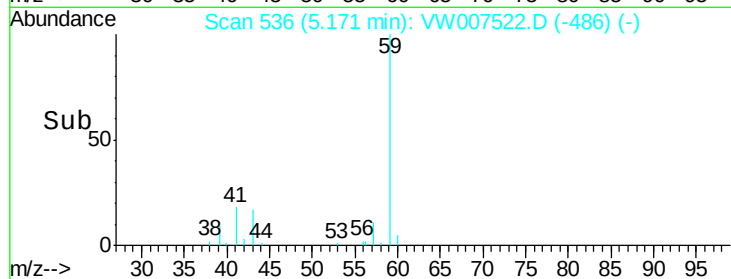
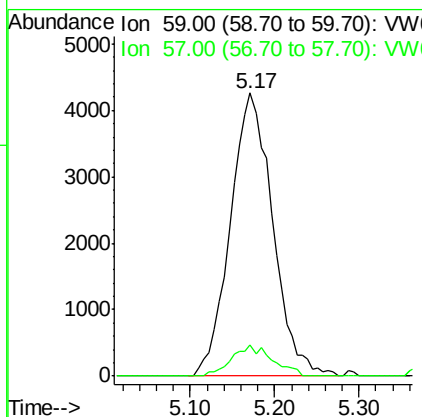
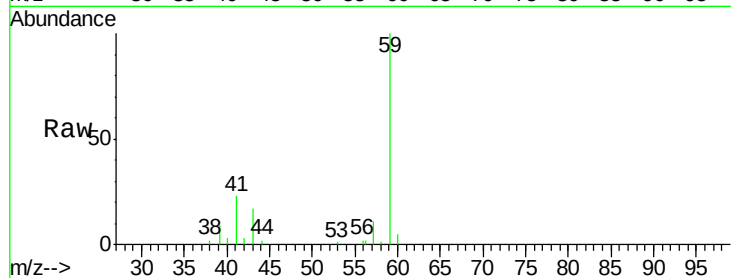
#11  
Tert butyl alcohol  
Concen: 259.676 ug/l  
RT: 5.17 min Scan# 536  
Delta R.T. 0.01 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 59 Resp: 14563  
Ion Ratio Lower Upper  
59 100  
57 10.5 7.6 11.4

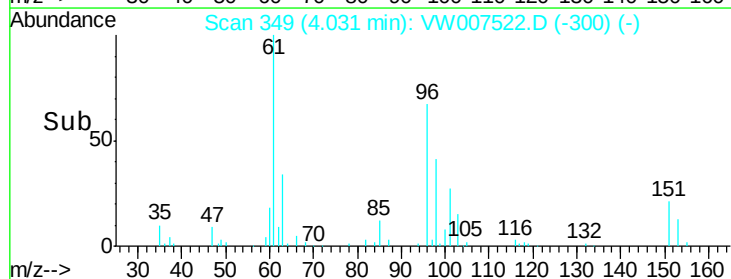
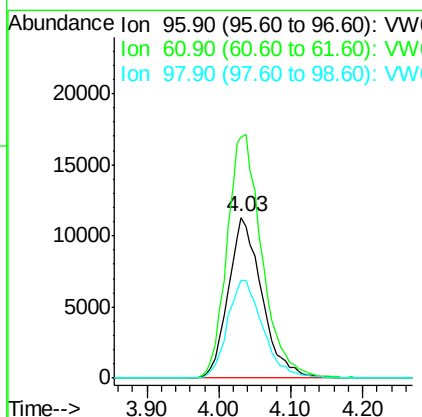
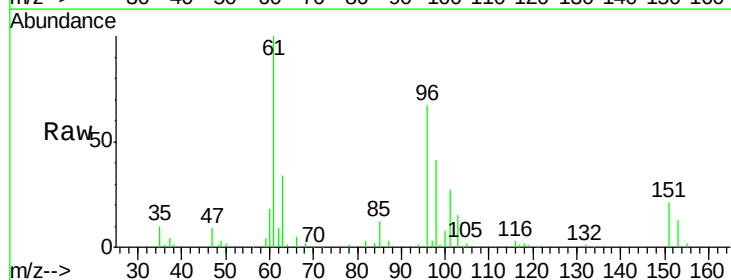
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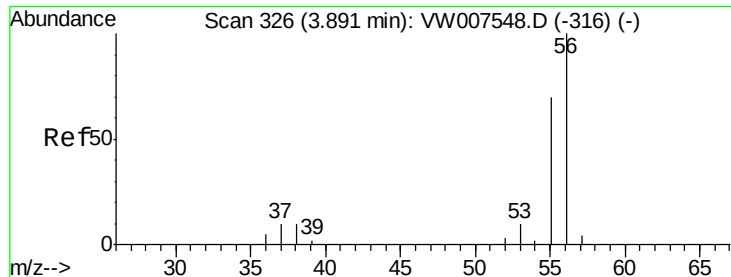
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#12  
1,1-Dichloroethene  
Concen: 50.672 ug/l  
RT: 4.03 min Scan# 349  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Tgt Ion: 96 Resp: 36587  
Ion Ratio Lower Upper  
96 100  
61 149.5 126.2 189.2  
98 60.6 48.3 72.5





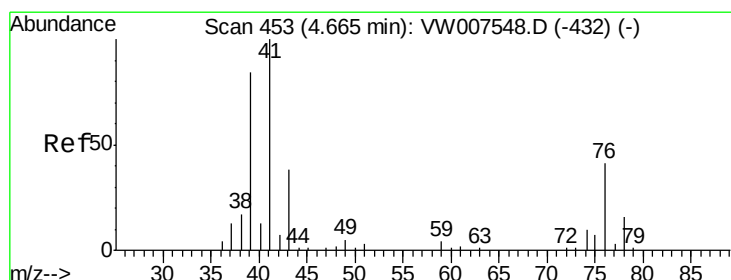
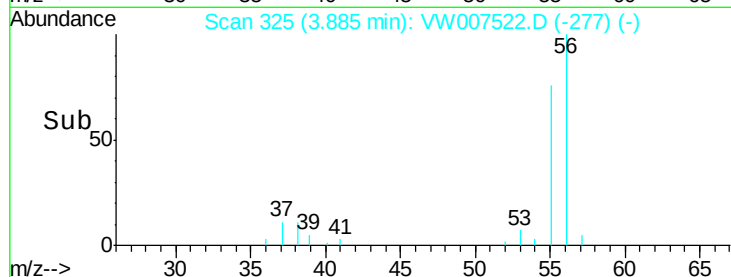
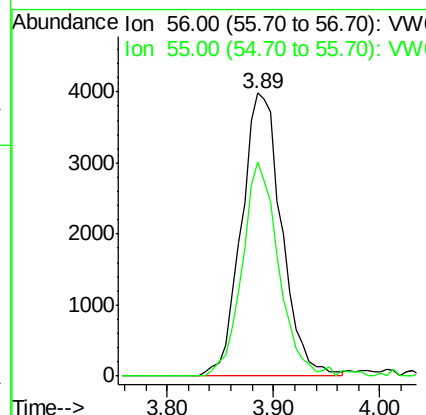
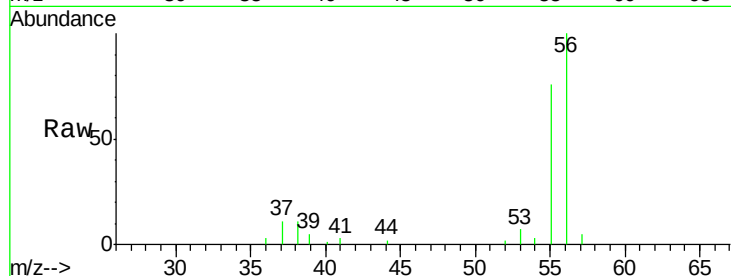
#13  
Acrolein  
Concen: 285.134 ug/l  
RT: 3.89 min Scan# 325  
Delta R.T. -0.01 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 56 Resp: 10581  
Ion Ratio Lower Upper  
56 100  
55 68.3 57.4 86.2

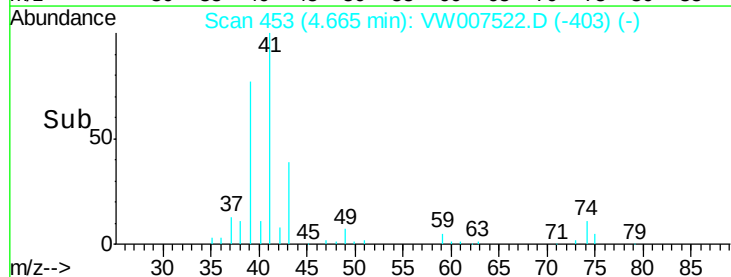
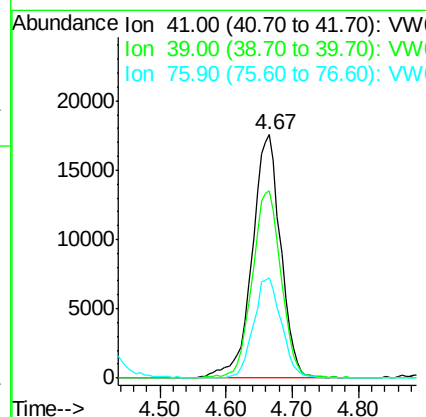
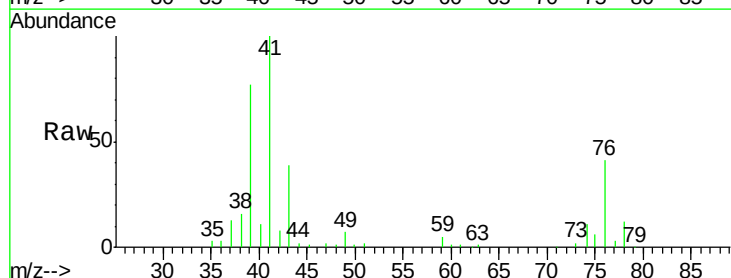
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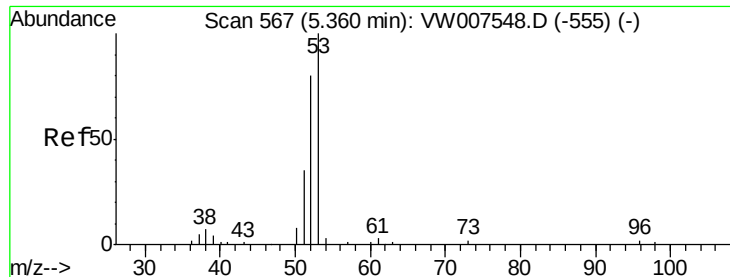
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#14  
Allyl chloride  
Concen: 49.746 ug/l  
RT: 4.67 min Scan# 453  
Delta R.T. 0.01 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Tgt Ion: 41 Resp: 52944  
Ion Ratio Lower Upper  
41 100  
39 78.0 63.4 95.2  
76 39.8 32.1 48.1





#15

Acrylonitrile

Concen: 284.484 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA\_W

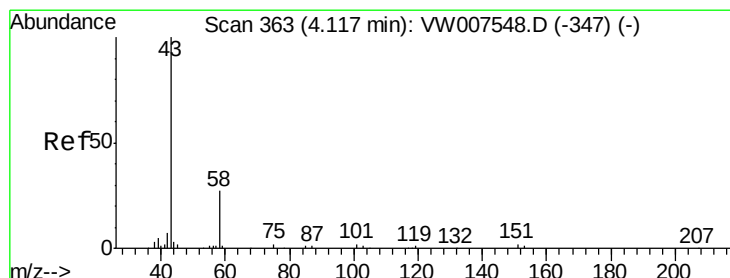
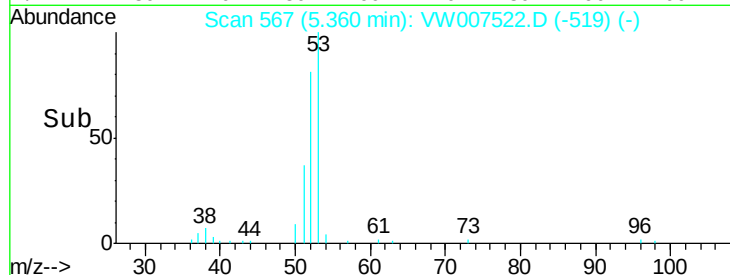
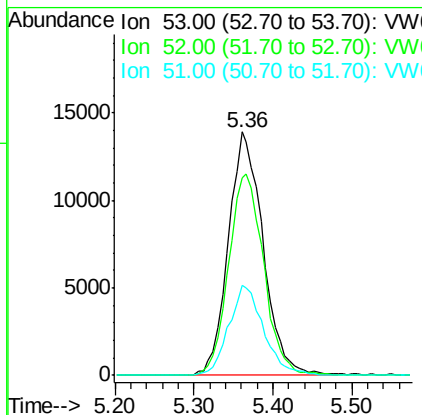
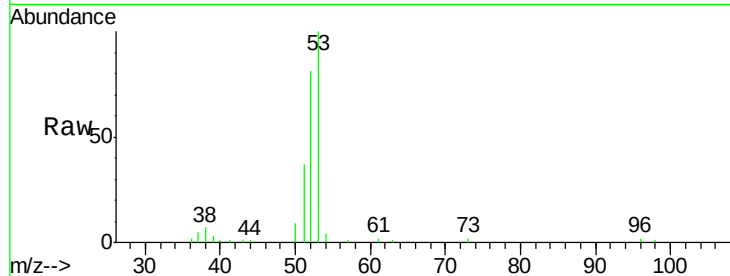
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 42660 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 83.7  | 67.4  | 101.2 |
| 51       | 37.0  | 30.2  | 45.2  |

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#16

Acetone

Concen: 248.128 ug/l

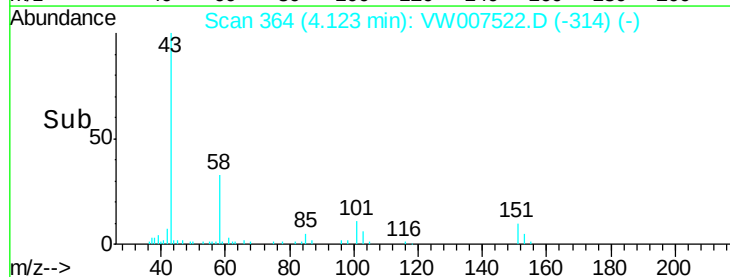
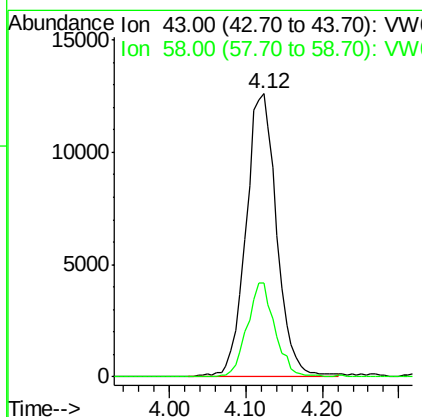
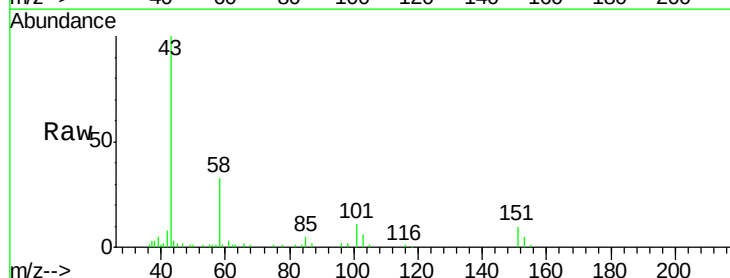
RT: 4.12 min Scan# 364

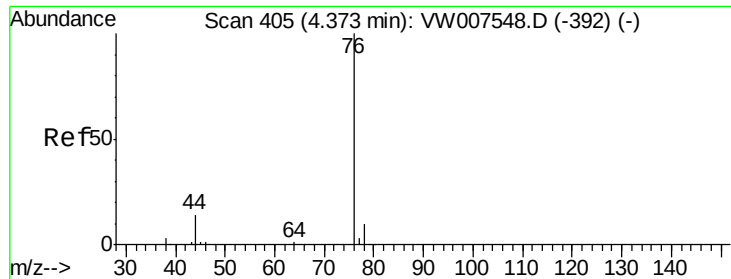
Delta R.T. 0.01 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 35391 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 33.2  | 24.9  | 37.3  |





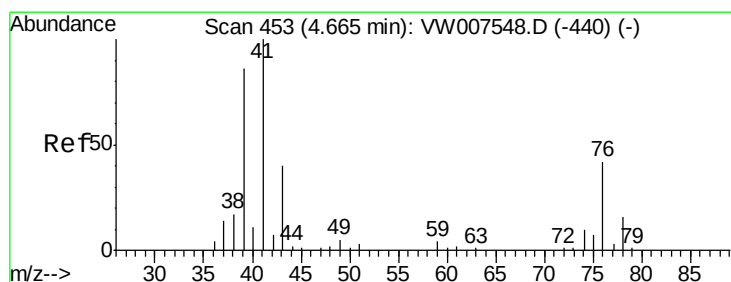
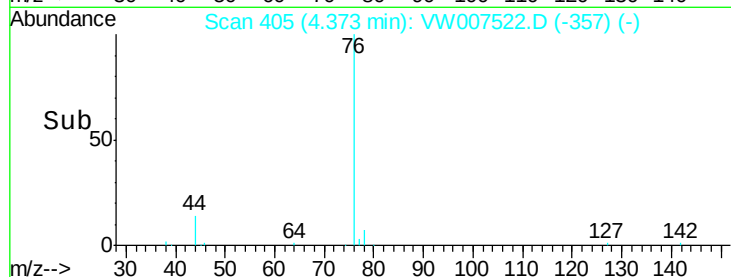
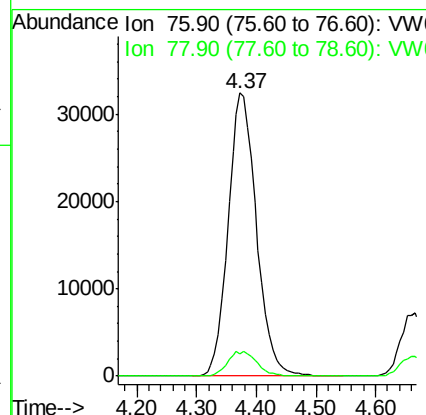
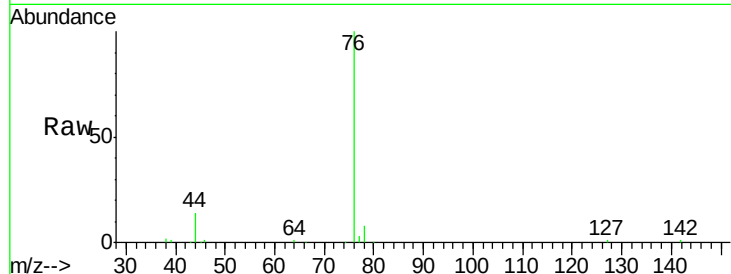
#17  
Carbon Disulfide  
Concen: 48.788 ug/l  
RT: 4.37 min Scan# 405  
Delta R.T. -0.01 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 76 Resp: 106809  
Ion Ratio Lower Upper  
76 100  
78 8.1 7.1 10.7

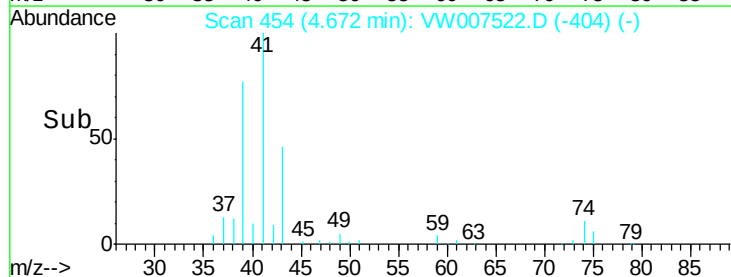
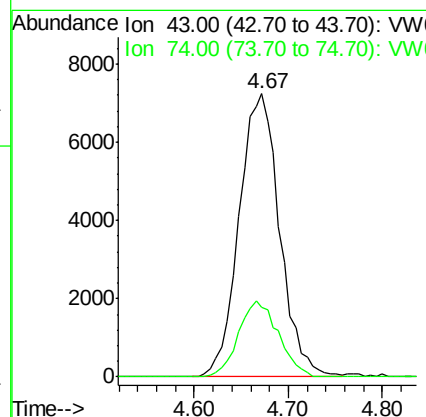
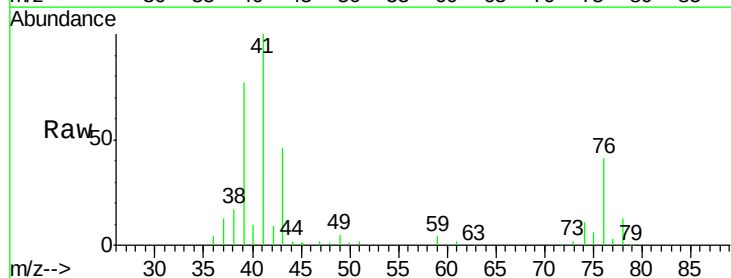
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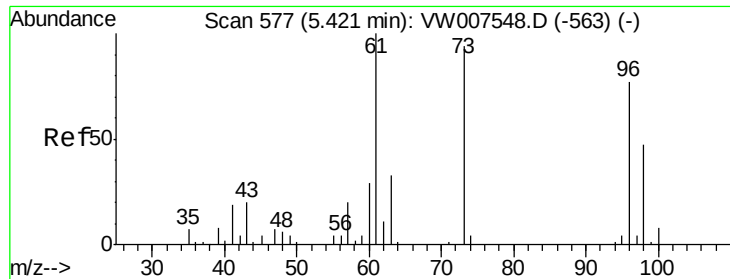
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#18  
Methyl Acetate  
Concen: 56.283 ug/l  
RT: 4.67 min Scan# 454  
Delta R.T. 0.01 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Tgt Ion: 43 Resp: 21788  
Ion Ratio Lower Upper  
43 100  
74 26.3 21.1 31.7





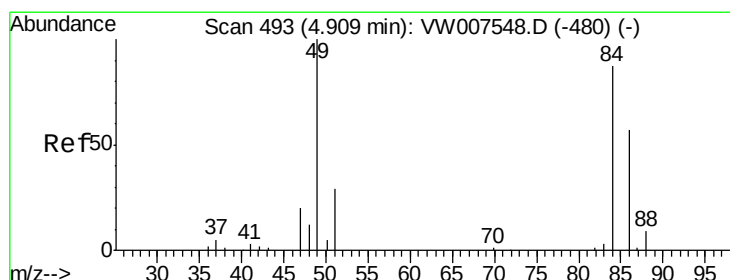
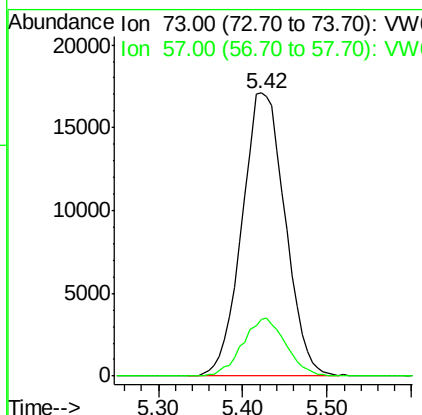
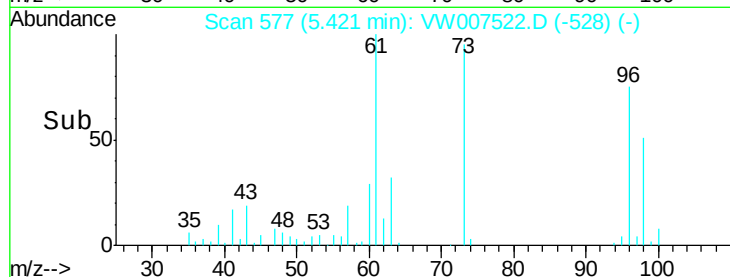
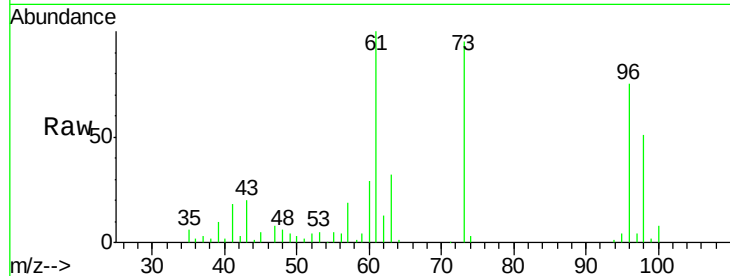
#19  
Methyl tert-butyl Ether  
Concen: 54.763 ug/l  
RT: 5.42 min Scan# 577  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 73 Resp: 59650  
Ion Ratio Lower Upper  
73 100  
57 19.9 16.4 24.6

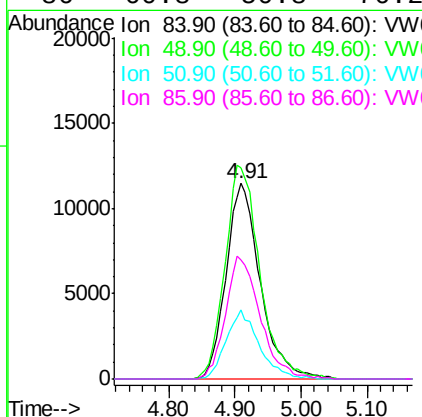
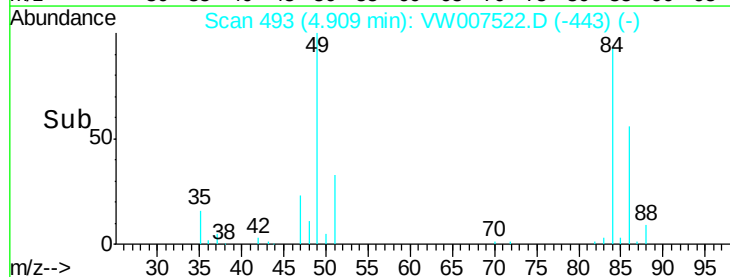
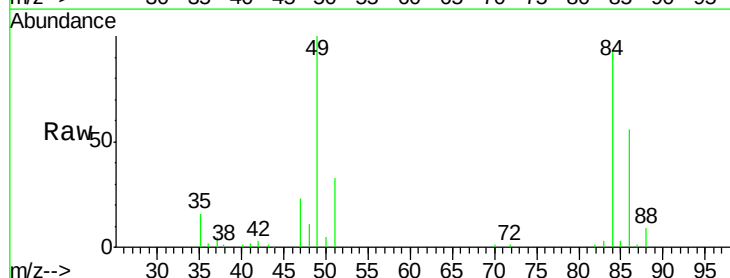
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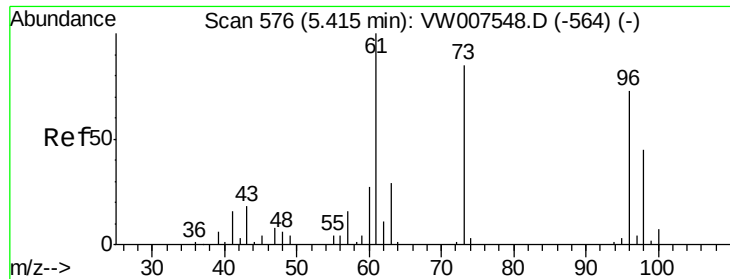
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#20  
Methylene Chloride  
Concen: 52.914 ug/l  
RT: 4.91 min Scan# 493  
Delta R.T. 0.01 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Tgt Ion: 84 Resp: 41094  
Ion Ratio Lower Upper  
84 100  
49 107.9 87.1 130.7  
51 35.6 28.2 42.2  
86 60.8 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 51.551 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA\_W

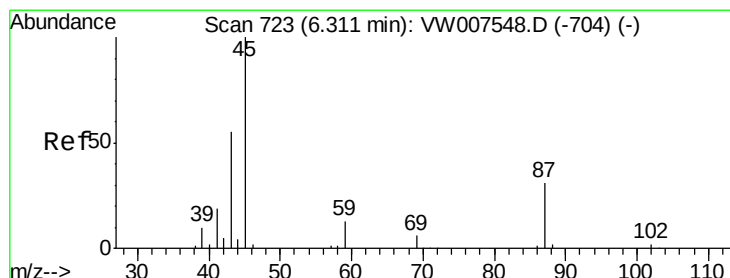
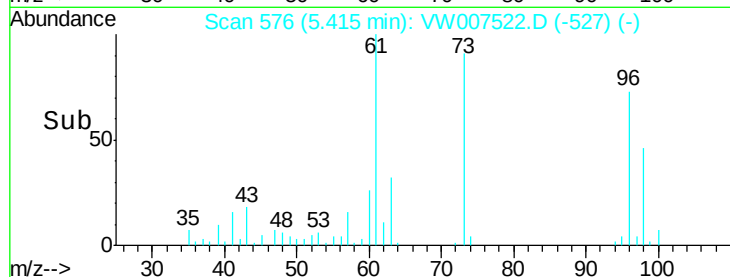
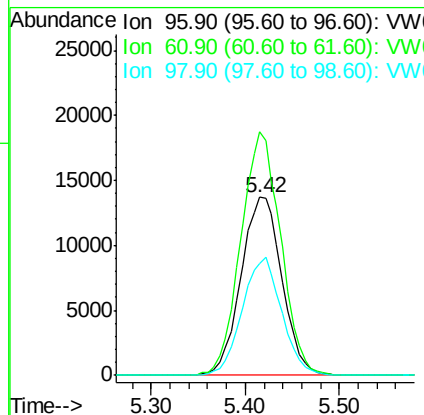
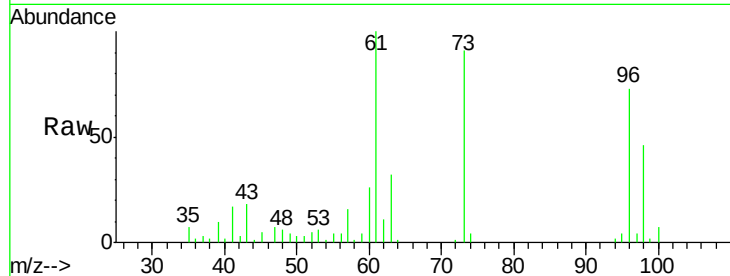
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 41638 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 136.6 | 105.0 | 157.6 |
| 98       | 62.8  | 49.7  | 74.5  |

Manual Integrations  
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#22

Diisopropyl ether

Concen: 51.382 ug/l

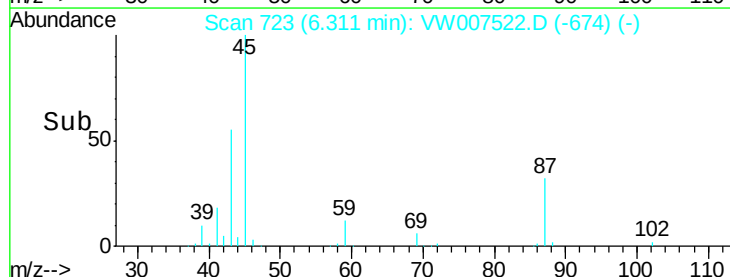
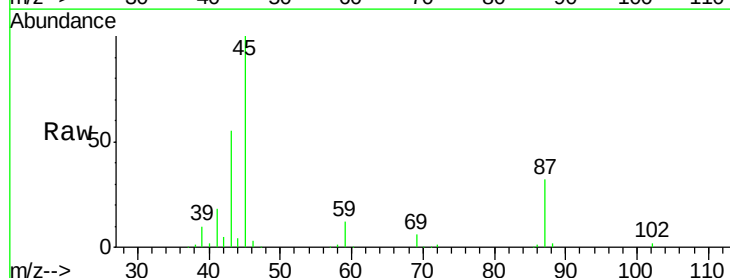
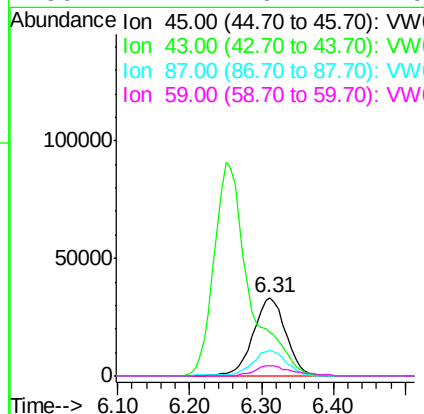
RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

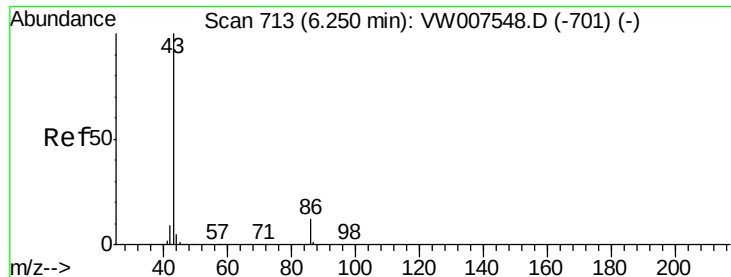
Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 105113 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 54.8  | 41.6  | 62.4   |
| 87       | 32.5  | 24.3  | 36.5   |
| 59       | 12.1  | 9.4   | 14.0   |







#23

Vinyl Acetate

Concen: 267.853 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 306489

Ion Ratio Lower Upper

43 100

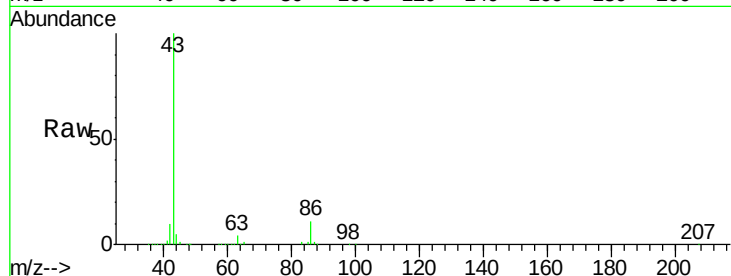
86 10.8 8.6 12.8

Manual Integrations

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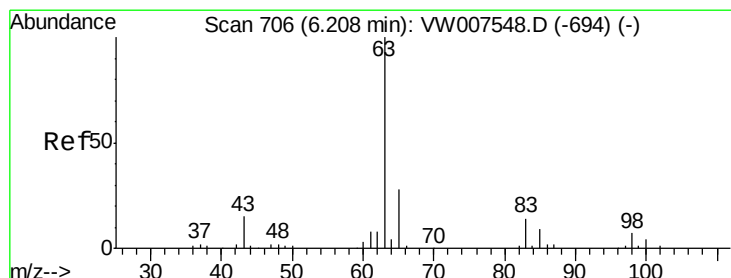
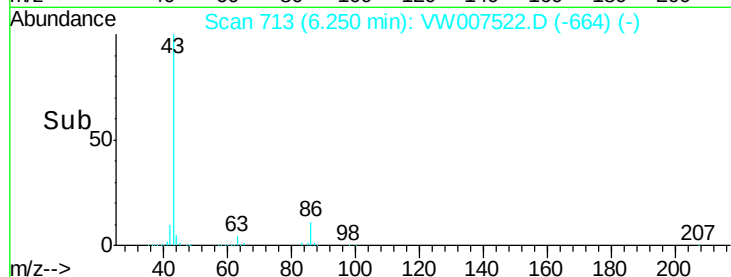
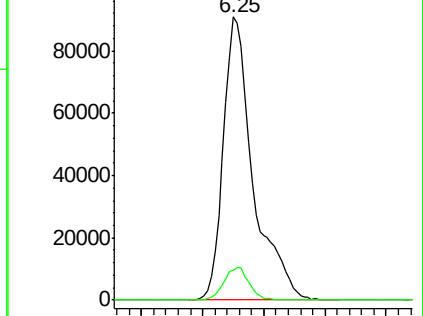
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 51.017 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

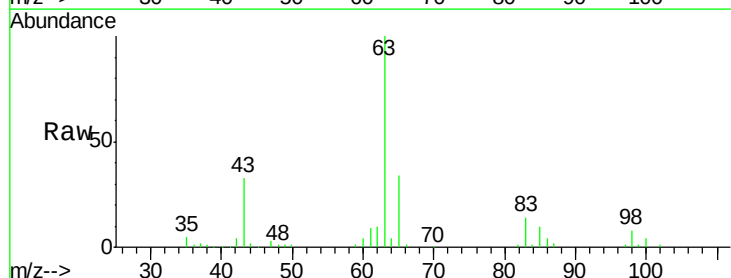
Tgt Ion: 63 Resp: 70537

Ion Ratio Lower Upper

63 100

98 7.6 3.5 10.4

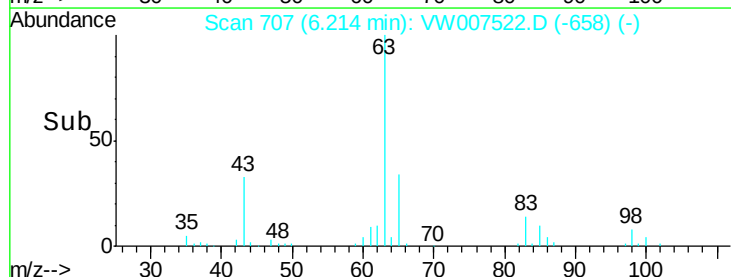
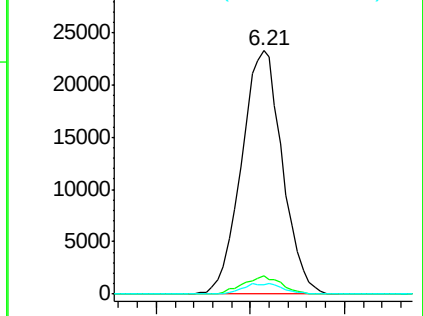
100 3.8 2.5 7.5

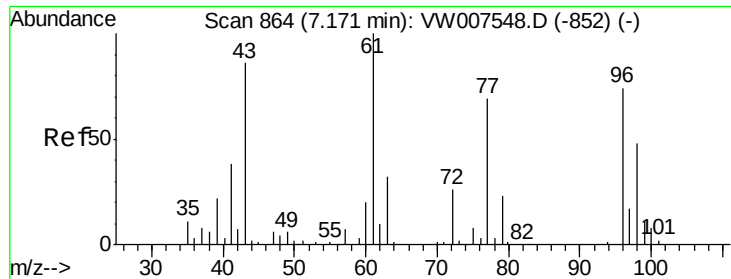


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 277.864 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 51740

Ion Ratio Lower Upper

43 100

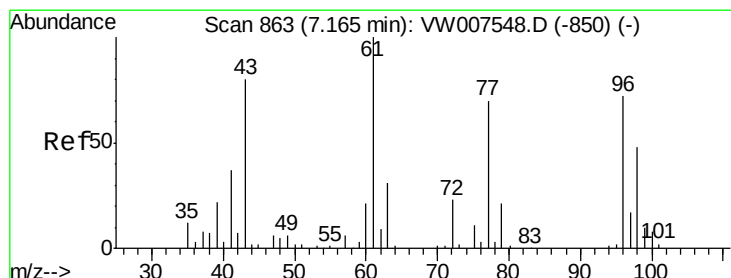
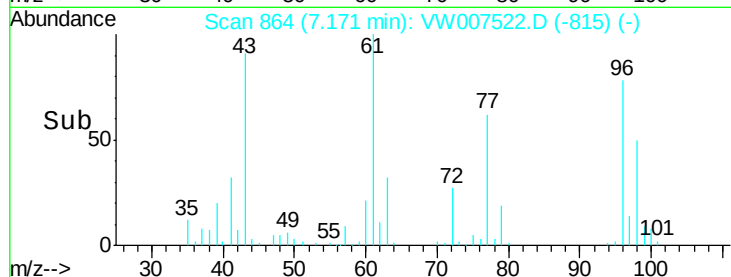
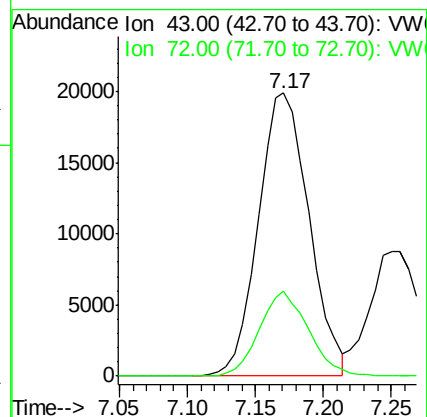
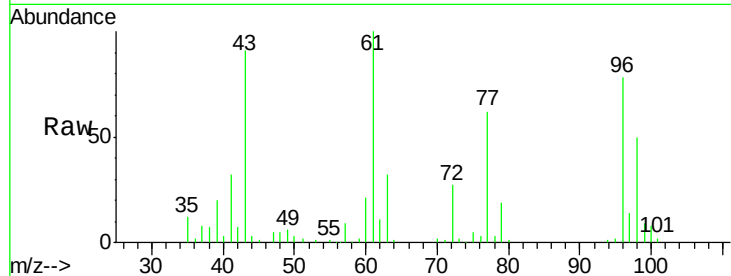
72 30.2 23.4 35.2

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#26

2,2-Dichloropropane

Concen: 44.775 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007522.D

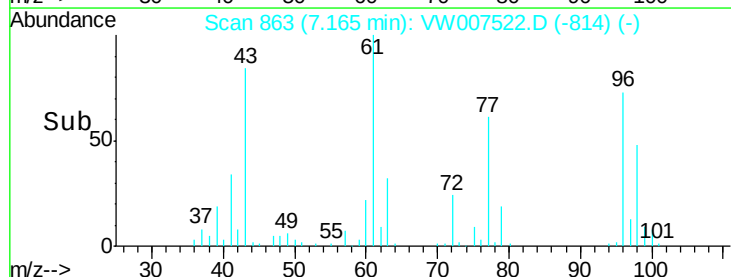
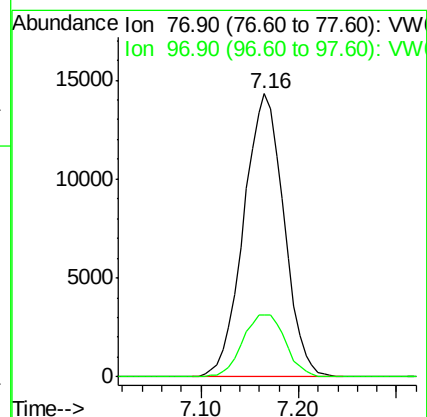
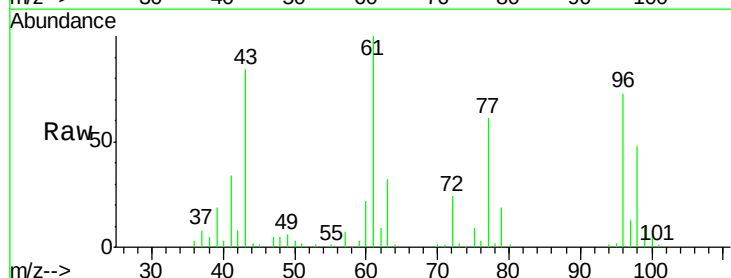
Acq: 14 Dec 2018 08:53

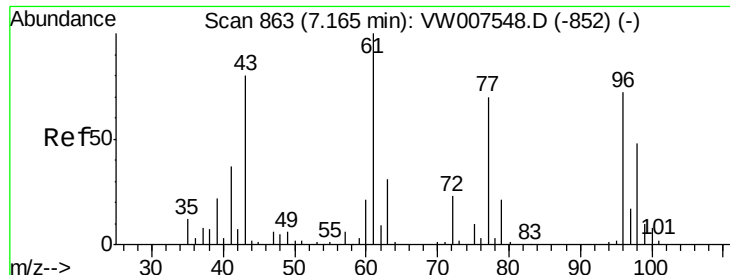
Tgt Ion: 77 Resp: 40971

Ion Ratio Lower Upper

77 100

97 23.3 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 52.572 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA\_W

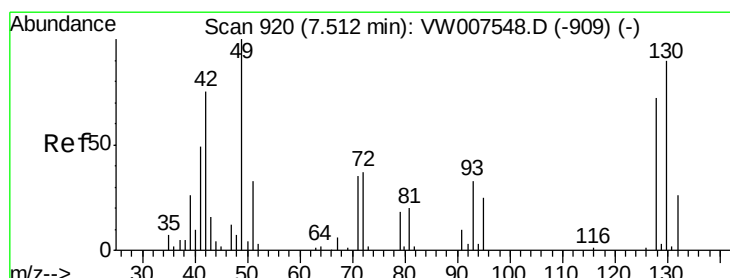
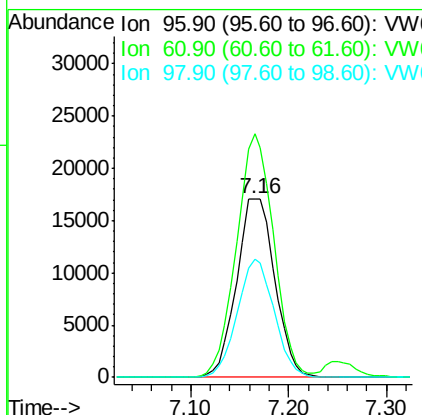
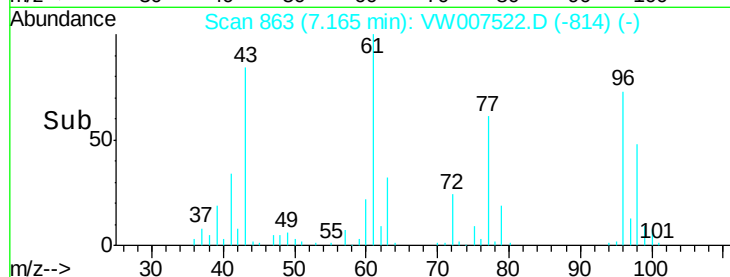
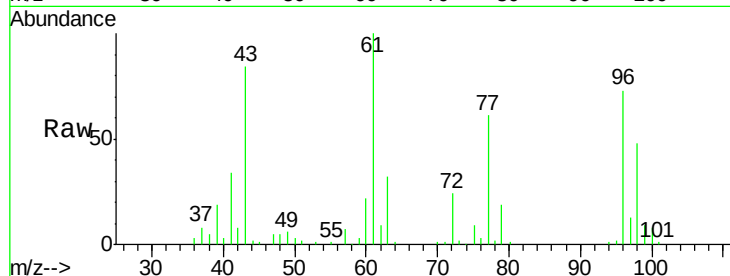
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 46495 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 132.5 | 0.0   | 268.4 |
| 98       | 63.2  | 0.0   | 127.8 |

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#28

Bromochloromethane

Concen: 50.874 ug/l

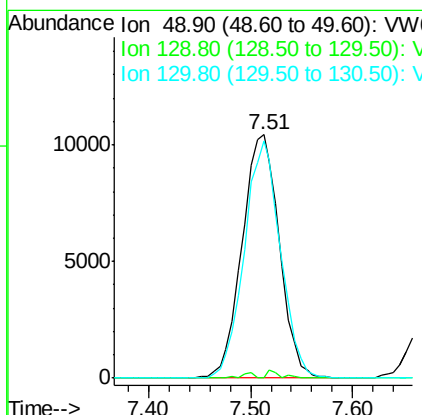
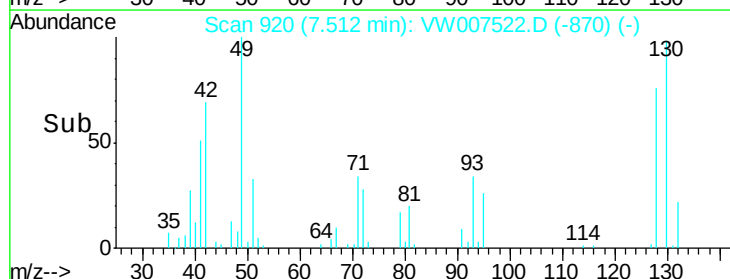
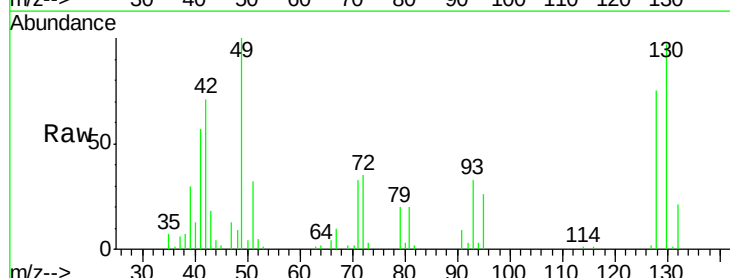
RT: 7.51 min Scan# 920

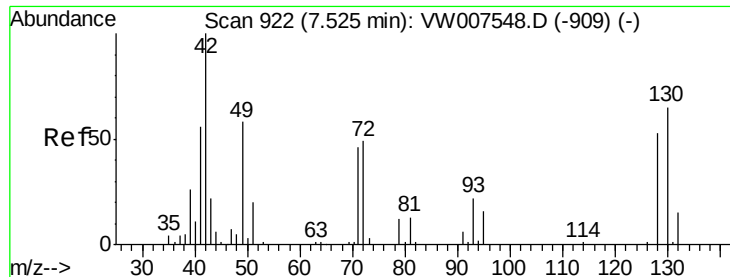
Delta R.T. 0.01 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 49    | Resp: | 26458 |
| Ion      | Ratio | Lower | Upper |
| 49       | 100   |       |       |
| 129      | 1.1   | 0.0   | 2.6   |
| 130      | 94.2  | 75.9  | 113.9 |





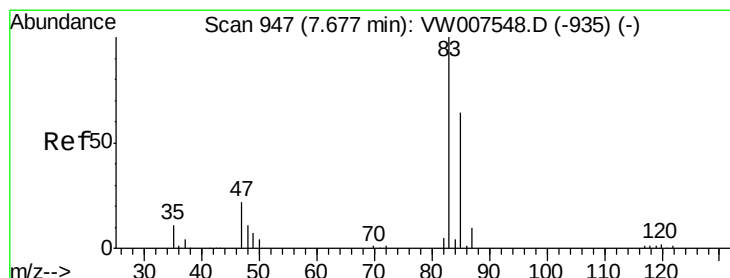
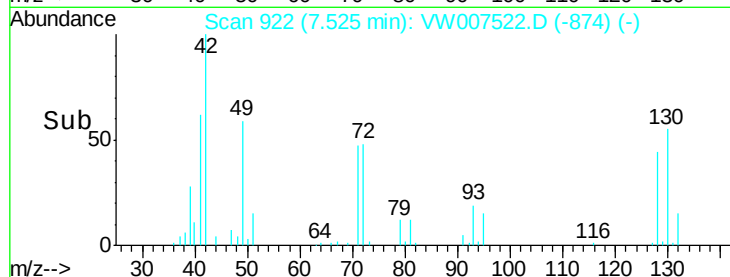
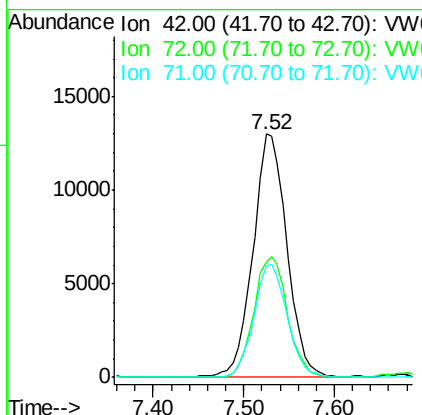
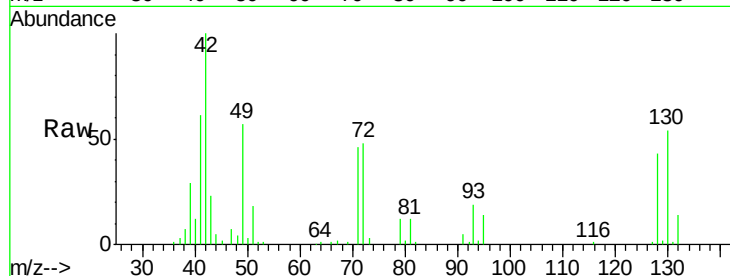
#29  
Tetrahydrofuran  
Concen: 284.618 ug/l  
RT: 7.52 min Scan# 922  
Delta R.T. -0.01 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 48.9  | 38.2  | 57.4  |
| 71      | 45.6  | 35.5  | 53.3  |

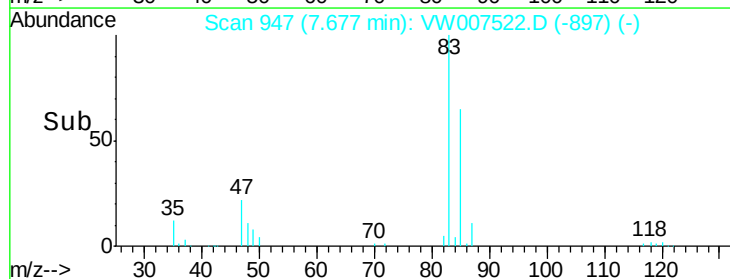
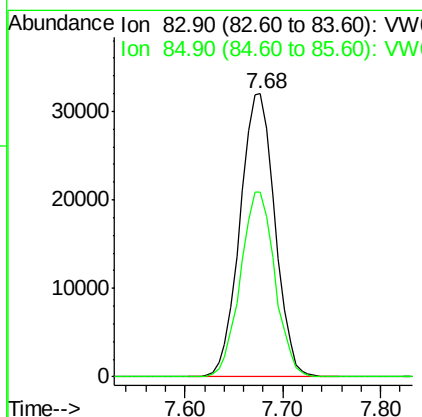
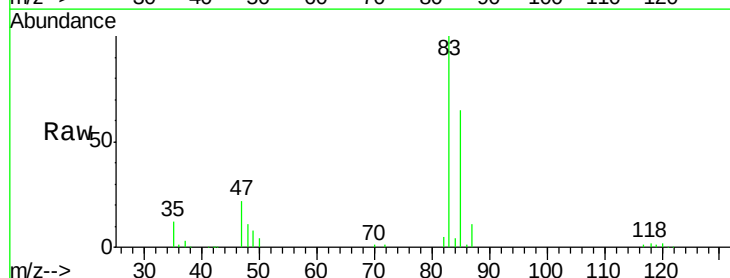
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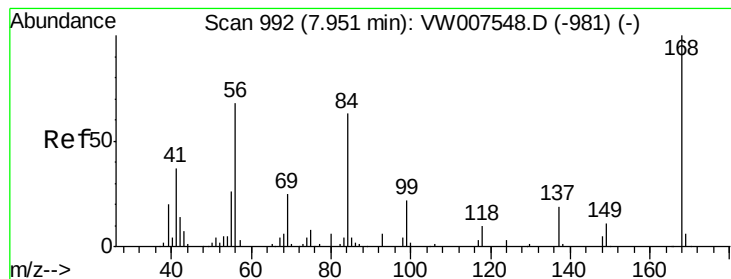
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#30  
Chloroform  
Concen: 52.596 ug/l  
RT: 7.68 min Scan# 947  
Delta R.T. 0.01 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 65.4  | 51.8  | 77.8  |





#31

Cyclohexane

Concen: 45.807 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA\_W

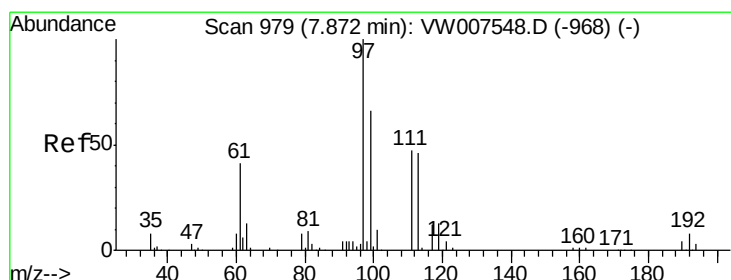
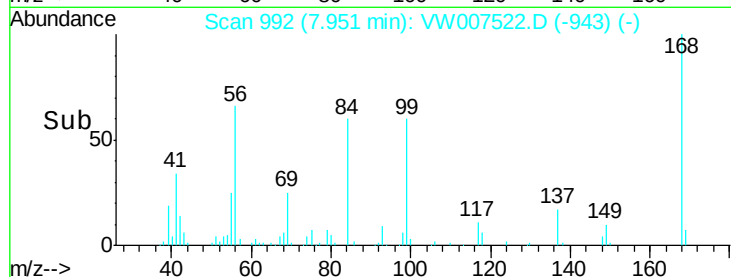
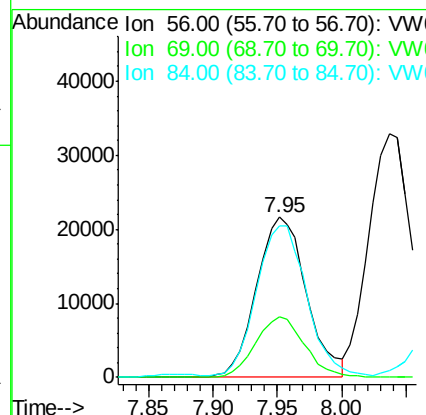
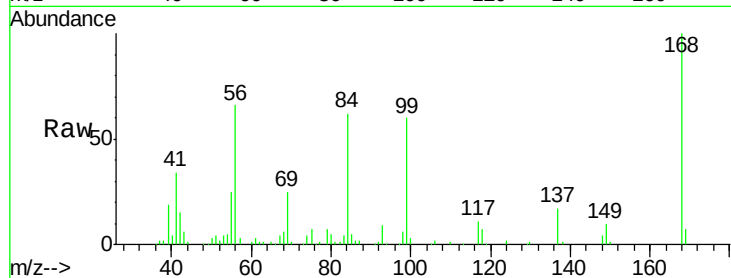
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 56    | Resp: | 58108 |
| Ion Ratio | Lower | Upper |       |
| 56        | 100   |       |       |
| 69        | 38.1  | 28.9  | 43.3  |
| 84        | 92.9  | 71.8  | 107.6 |

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#32

1,1,1-Trichloroethane

Concen: 50.184 ug/l

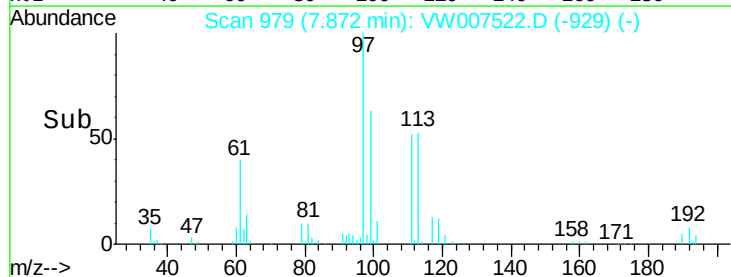
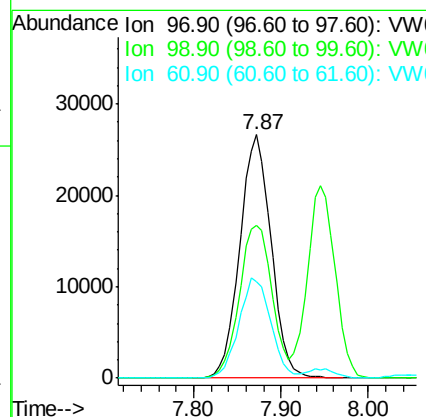
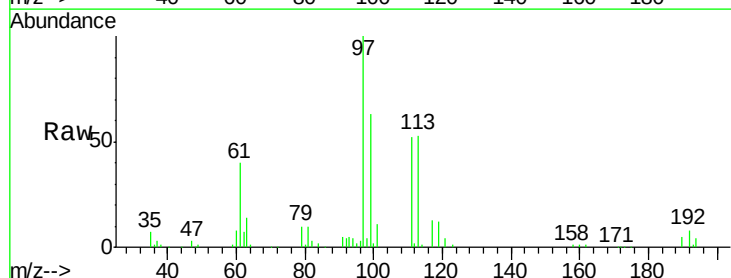
RT: 7.87 min Scan# 979

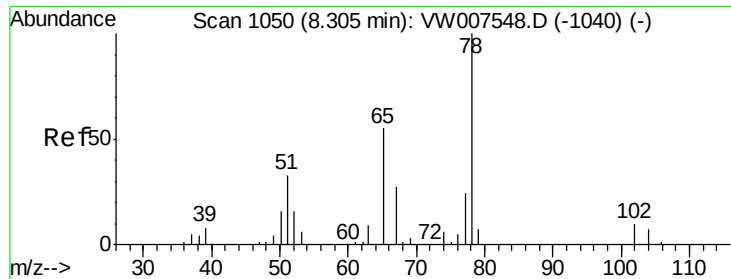
Delta R.T. 0.01 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 97    | Resp: | 66216 |
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 99        | 65.5  | 51.1  | 76.7  |
| 61        | 42.0  | 33.2  | 49.8  |





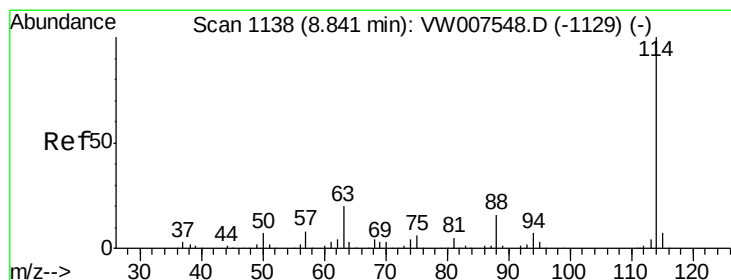
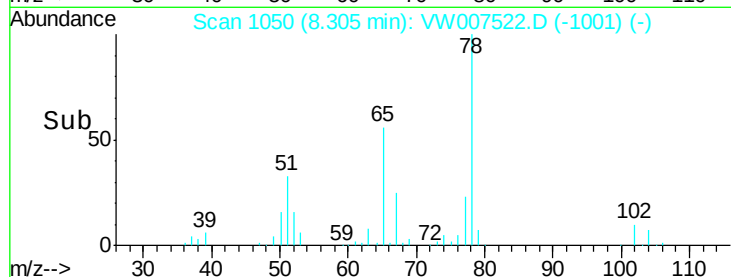
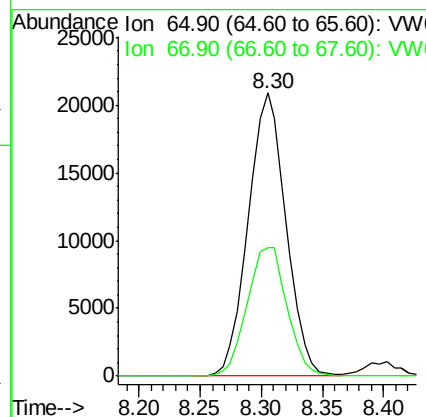
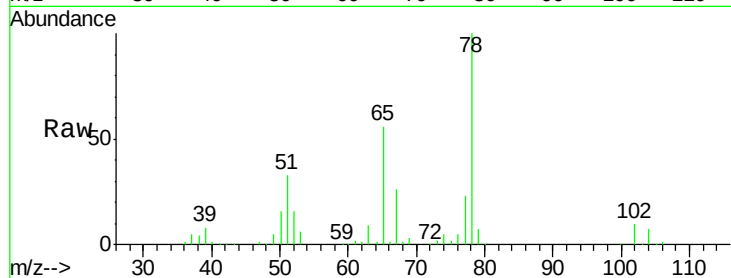
#33  
 1,2-Dichloroethane-d4  
 Concen: 55.093 ug/l  
 RT: 8.30 min Scan# 1050  
 Delta R.T. -0.00 min  
 Lab File: VW007522.D  
 Acq: 14 Dec 2018 08:53

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 65 Resp: 44988  
 Ion Ratio Lower Upper  
 65 100  
 67 47.8 0.0 101.6

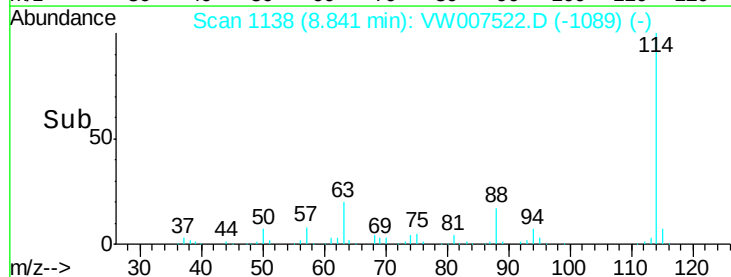
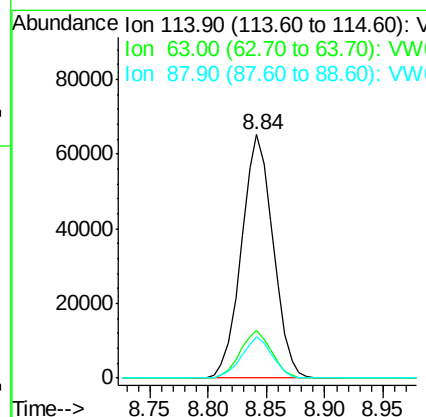
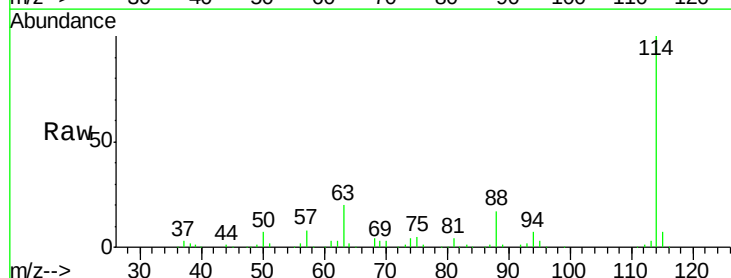
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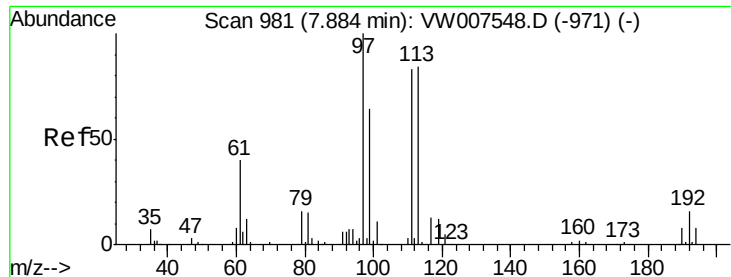
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. -0.00 min  
 Lab File: VW007522.D  
 Acq: 14 Dec 2018 08:53

Tgt Ion: 114 Resp: 123782  
 Ion Ratio Lower Upper  
 114 100  
 63 19.7 0.0 39.6  
 88 17.1 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.553 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA\_W

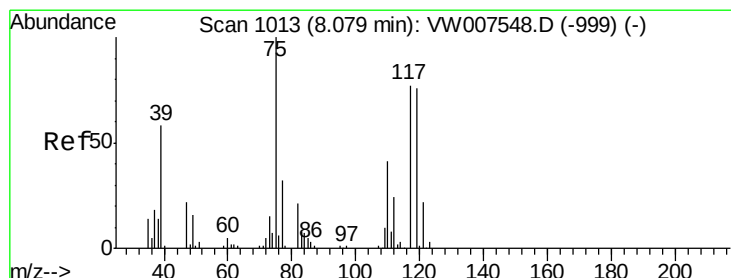
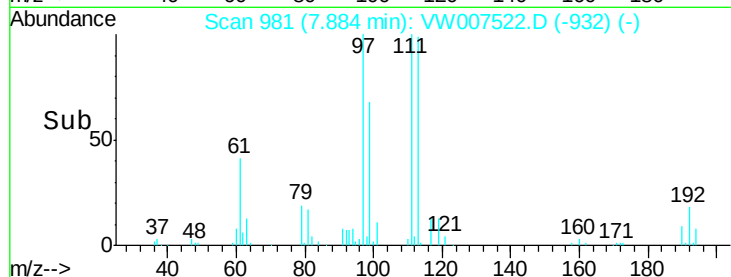
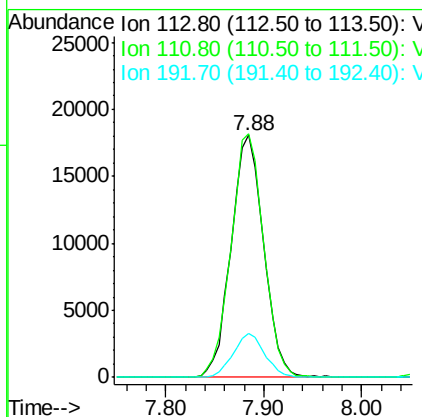
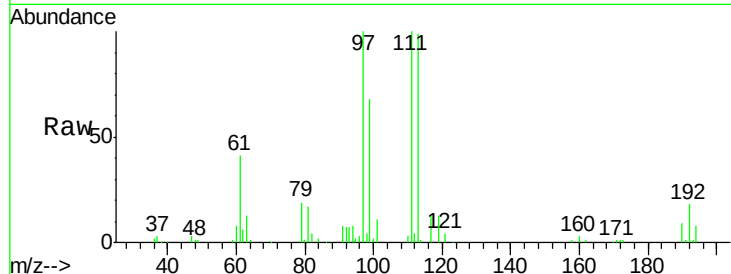
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 113   | Resp: | 41626 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 101.2 | 81.1  | 121.7 |
| 192      | 17.7  | 14.6  | 21.8  |

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#36

1,1-Dichloropropene

Concen: 50.355 ug/l

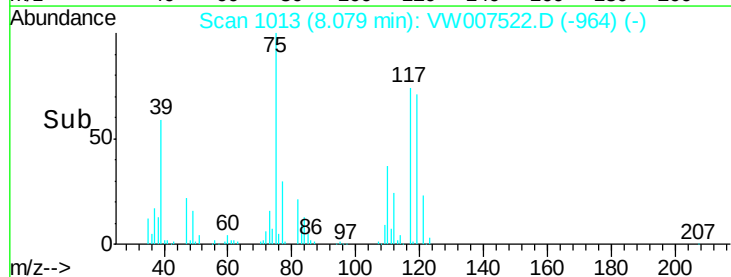
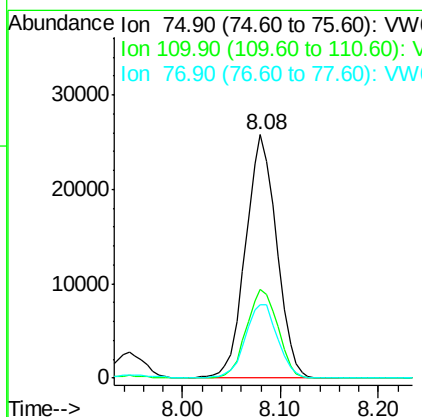
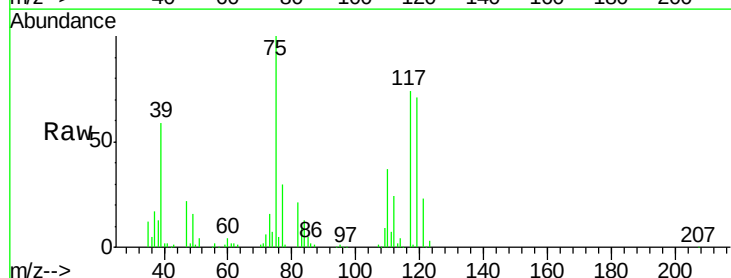
RT: 8.08 min Scan# 1013

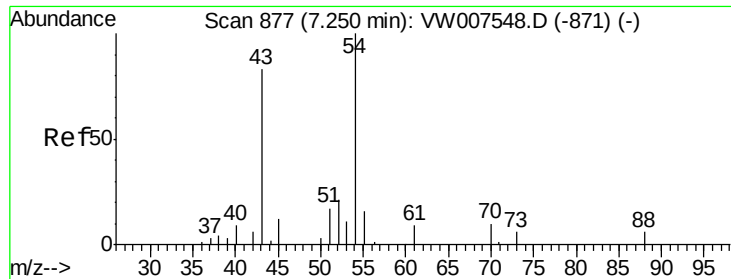
Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 56860 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 37.0  | 18.5  | 55.5  |
| 77       | 31.6  | 25.6  | 38.4  |





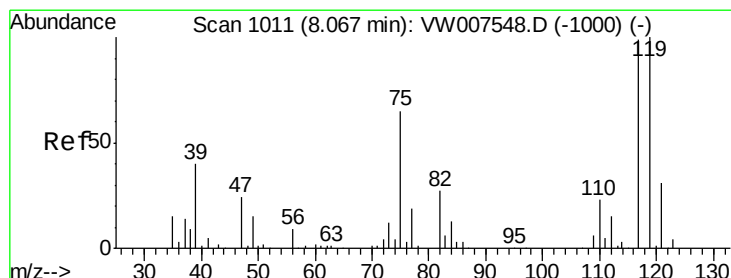
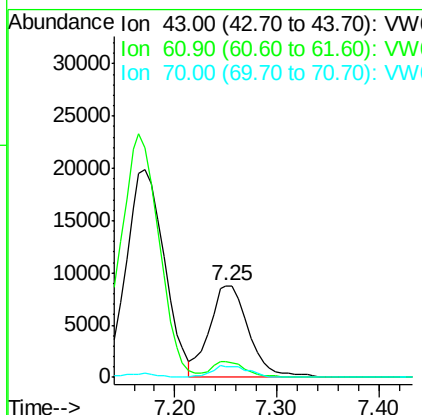
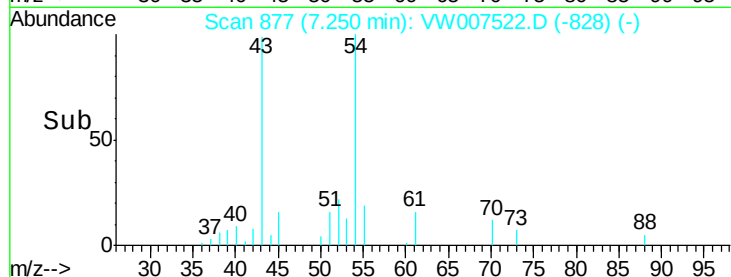
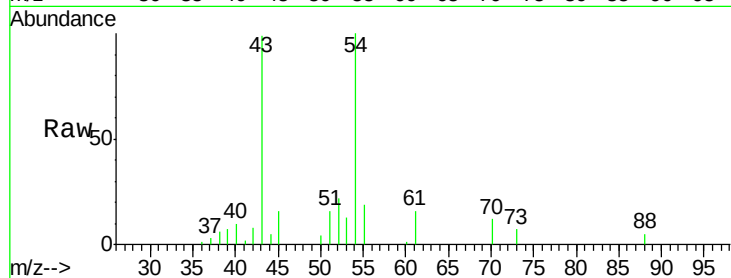
#37  
Ethyl Acetate  
Concen: 56.164 ug/l  
RT: 7.25 min Scan# 877  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.3  | 12.1  | 18.1  |
| 70      | 12.0  | 10.0  | 15.0  |

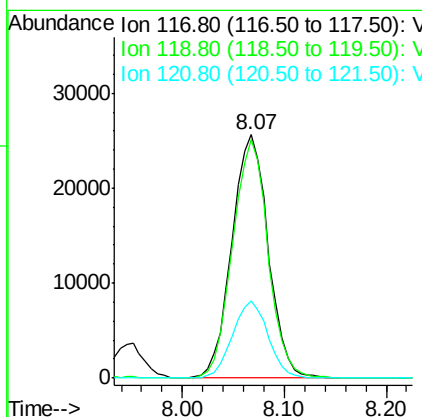
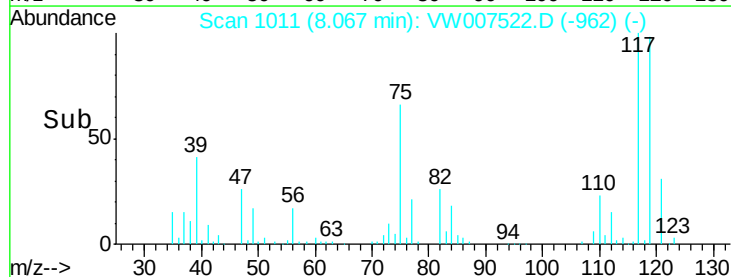
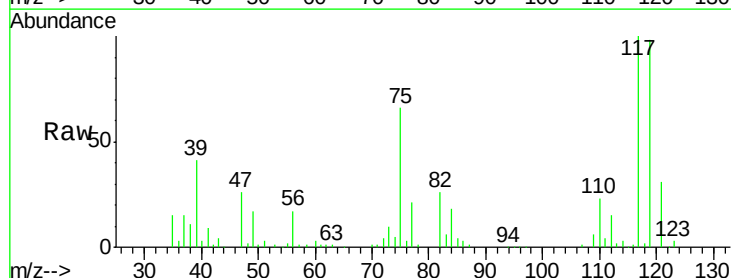
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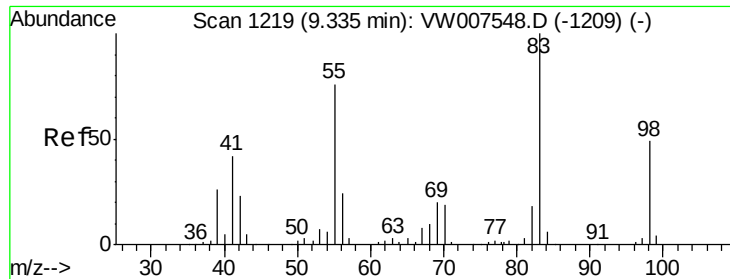


#38  
Carbon Tetrachloride  
Concen: 51.425 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 97.8  | 74.3  | 111.5 |
| 121     | 31.5  | 24.3  | 36.5  |







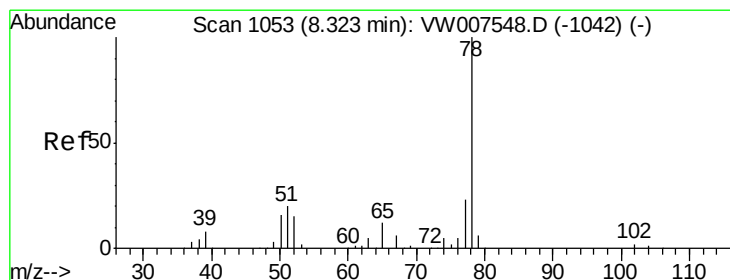
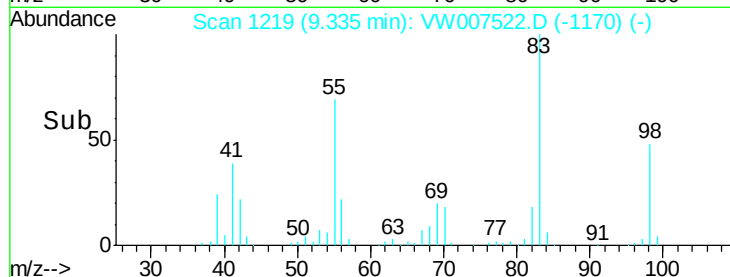
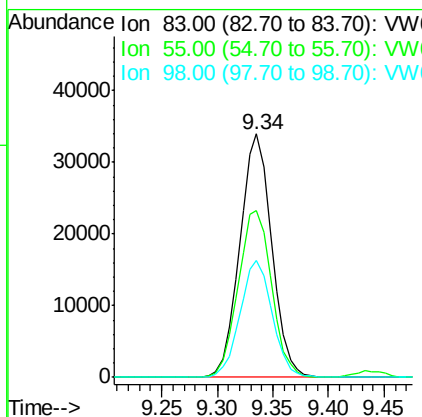
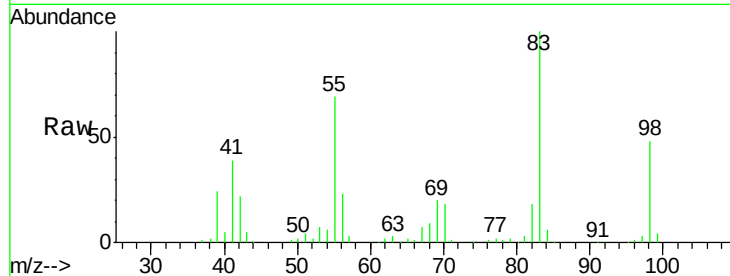
#39  
Methylcyclohexane  
Concen: 49.552 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 68.8  | 62.8  | 94.2  |
| 98      | 47.8  | 42.2  | 63.2  |

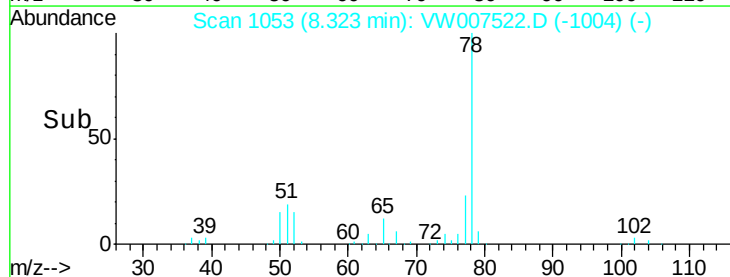
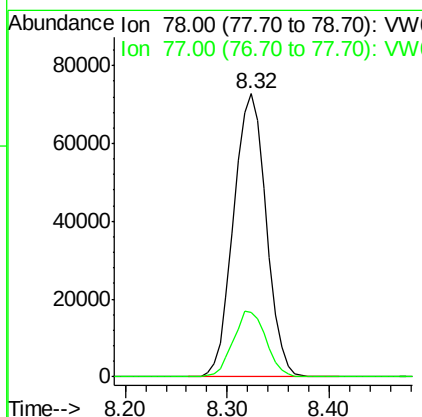
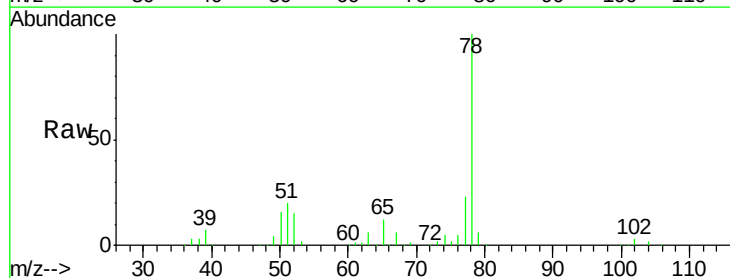
Manual Integrations  
APPROVED

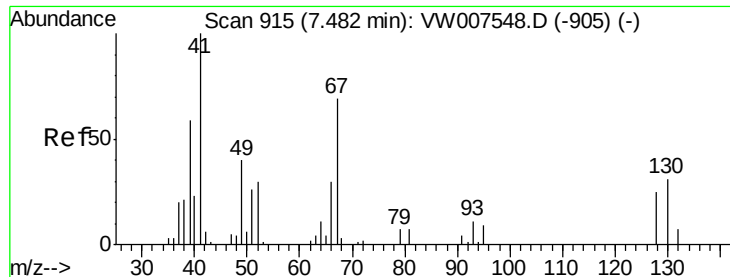
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#40  
Benzene  
Concen: 51.443 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 22.6  | 18.8  | 28.2  |





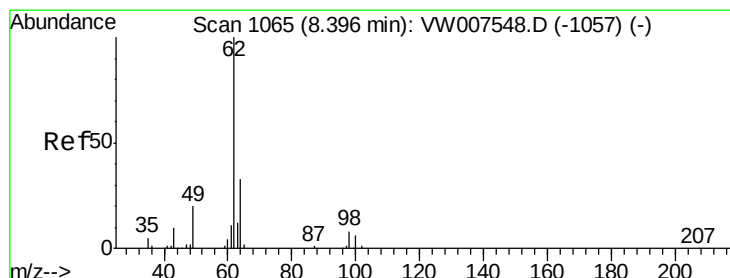
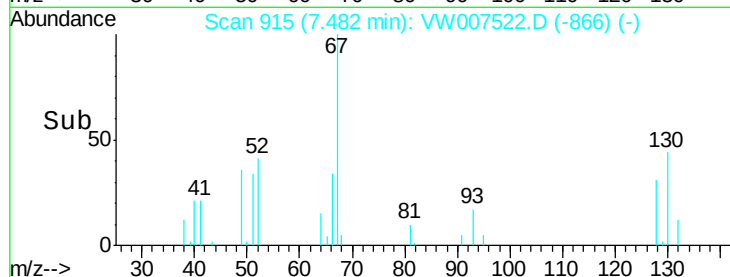
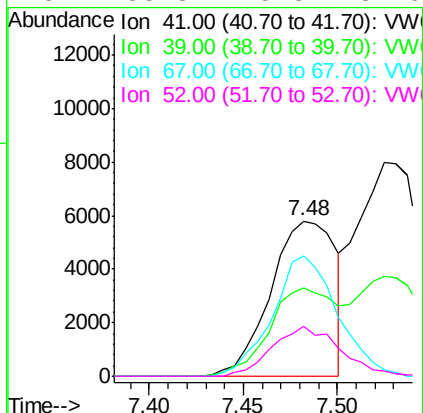
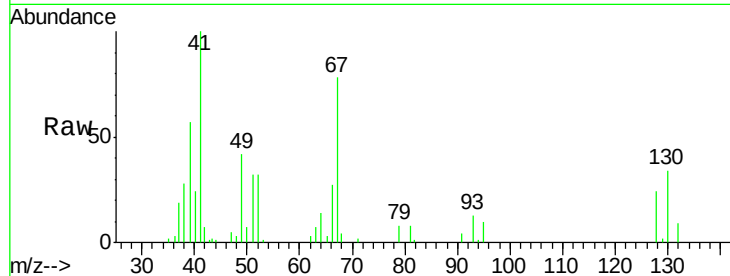
#41  
Methacrylonitrile  
Concen: 57.927 ug/l  
RT: 7.48 min Scan# 915  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 57.2  | 52.2  | 78.2  |
| 67      | 77.7  | 60.5  | 90.7  |
| 52      | 33.3  | 25.3  | 37.9  |

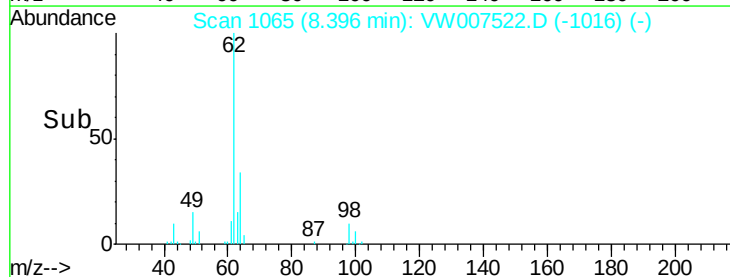
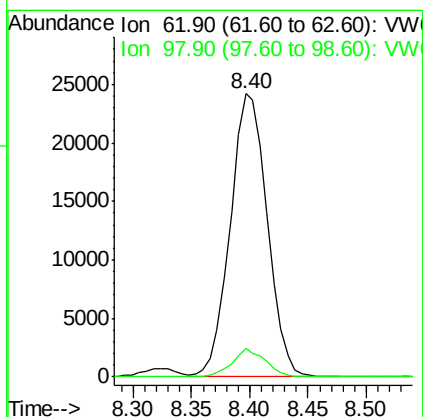
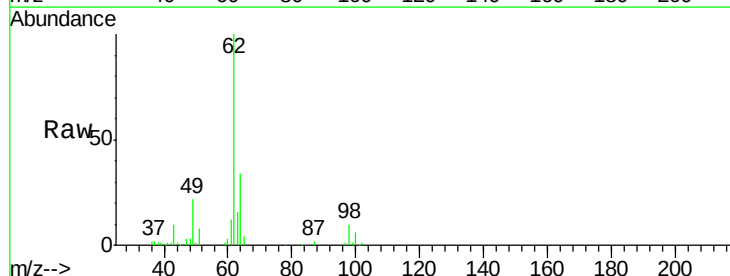
Manual Integrations  
APPROVED

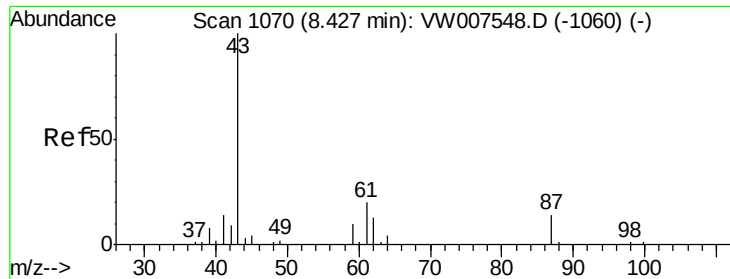
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#42  
1,2-Dichloroethane  
Concen: 54.329 ug/l  
RT: 8.40 min Scan# 1065  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 8.9   | 0.0   | 17.6  |





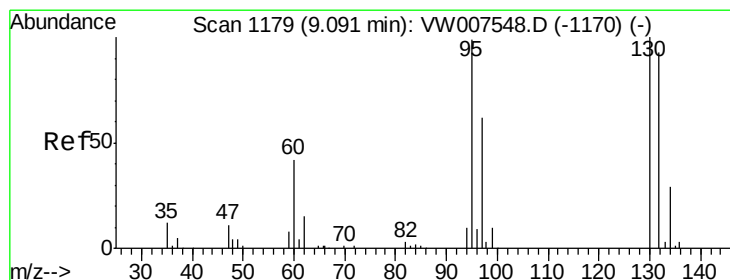
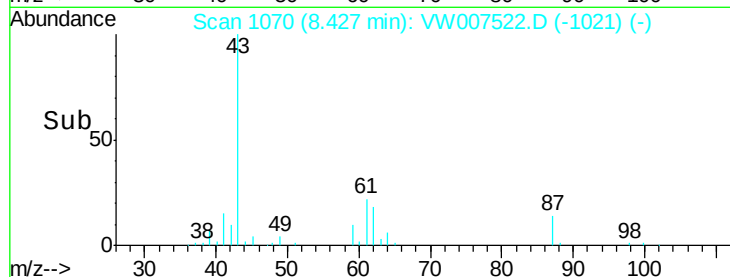
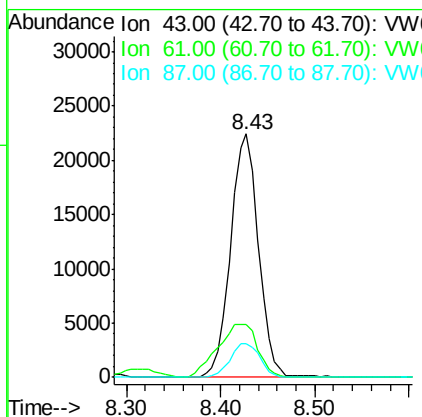
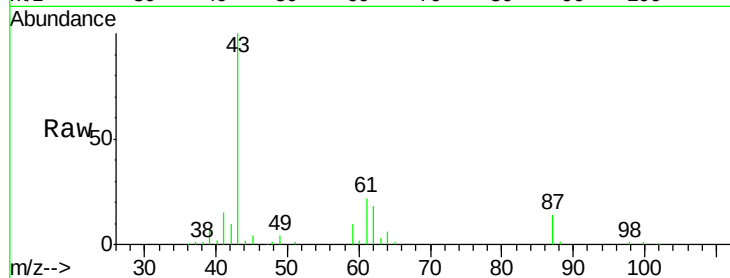
#43  
Isopropyl Acetate  
Concen: 55.572 ug/l  
RT: 8.43 min Scan# 1070  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 31.3  | 25.3  | 37.9  |
| 87      | 14.7  | 11.8  | 17.8  |

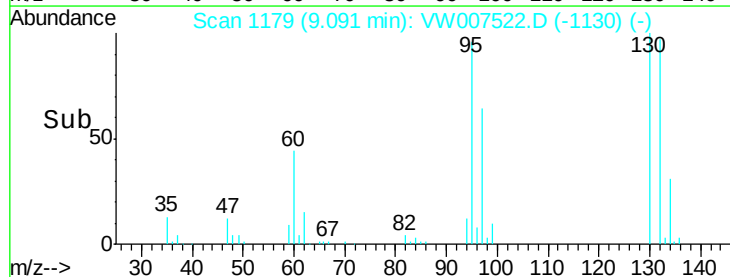
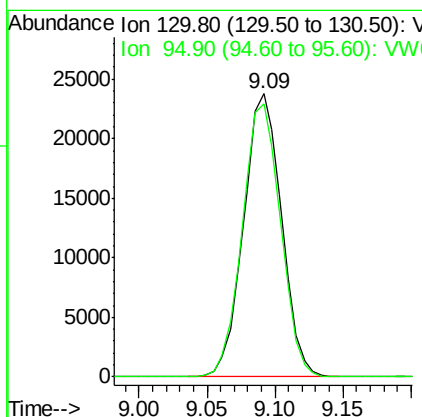
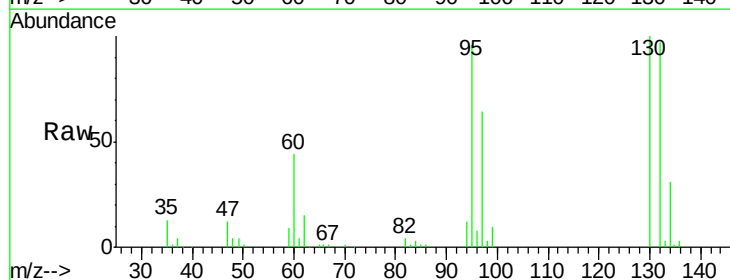
Manual Integrations  
APPROVED

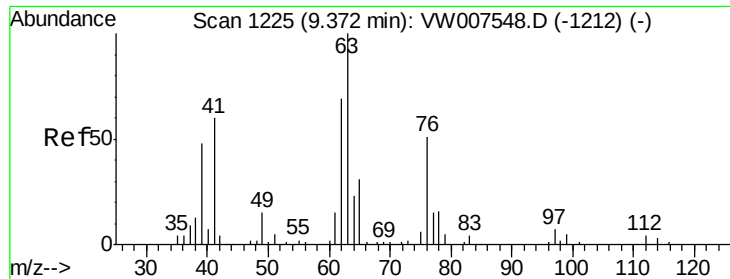
apatel  
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#44  
Trichloroethene  
Concen: 51.898 ug/l  
RT: 9.09 min Scan# 1179  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 96.4  | 0.0   | 193.2 |





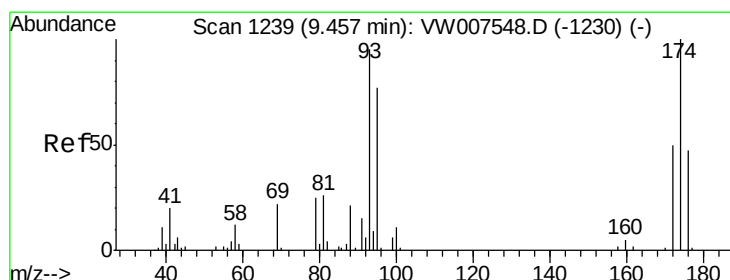
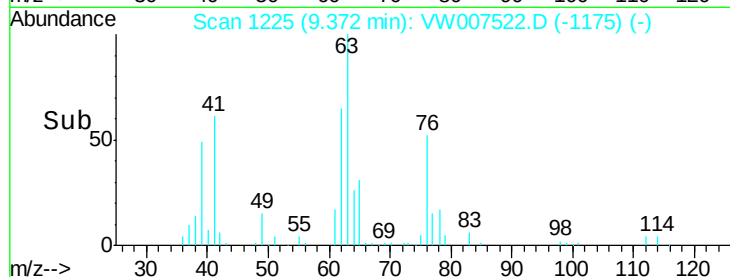
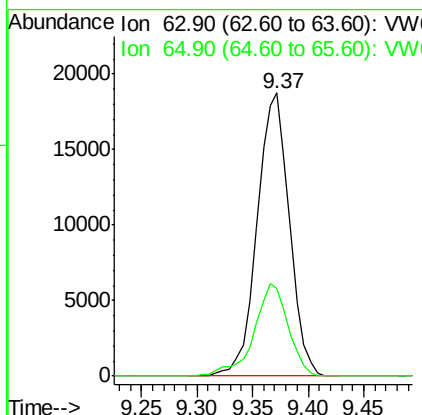
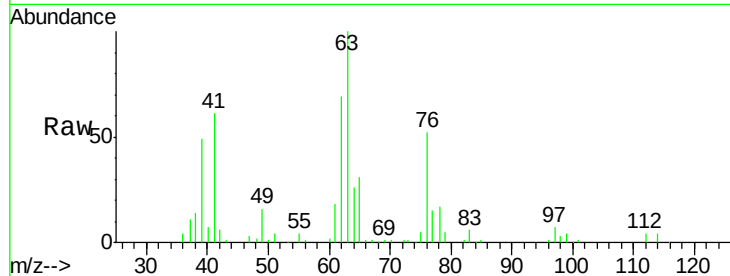
#45  
 1,2-Dichloropropane  
 Concen: 52.151 ug/l  
 RT: 9.37 min Scan# 1225  
 Delta R.T. 0.01 min  
 Lab File: VW007522.D  
 Acq: 14 Dec 2018 08:53

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 63 Resp: 37818  
 Ion Ratio Lower Upper  
 63 100  
 65 30.8 24.4 36.6

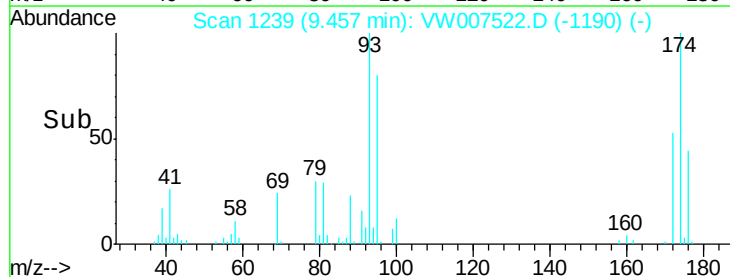
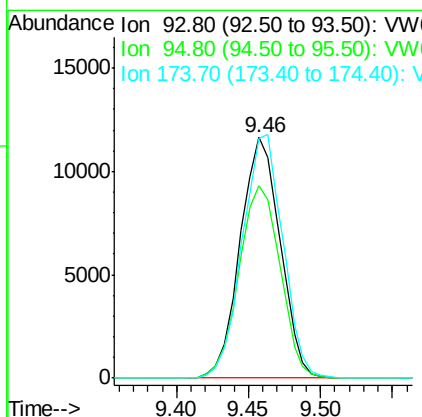
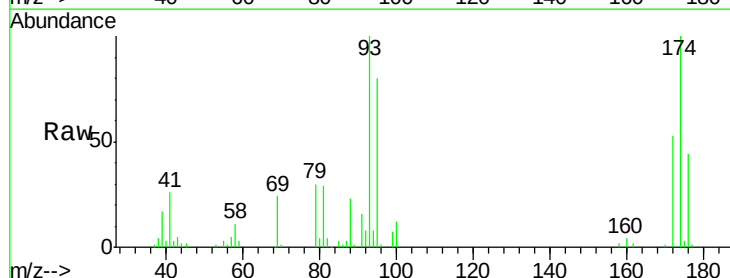
Manual Integrations  
 APPROVED

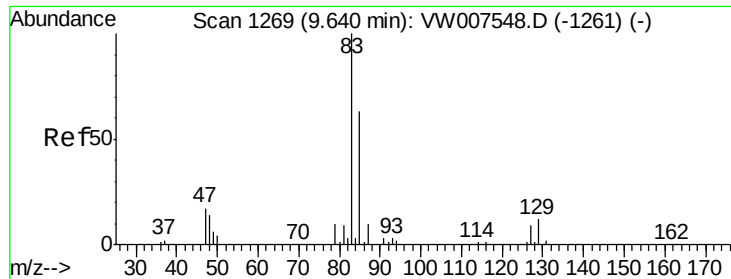
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#46  
 Dibromomethane  
 Concen: 54.364 ug/l  
 RT: 9.46 min Scan# 1239  
 Delta R.T. -0.00 min  
 Lab File: VW007522.D  
 Acq: 14 Dec 2018 08:53

Tgt Ion: 93 Resp: 22388  
 Ion Ratio Lower Upper  
 93 100  
 95 82.2 68.0 102.0  
 174 102.5 83.2 124.8





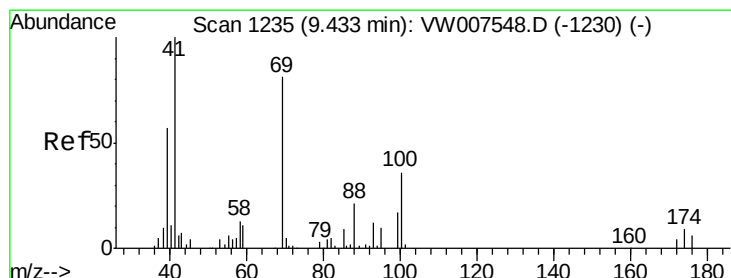
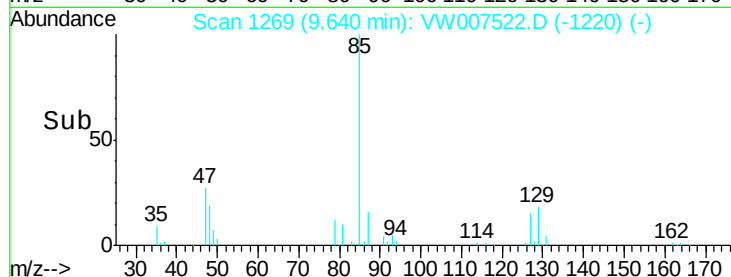
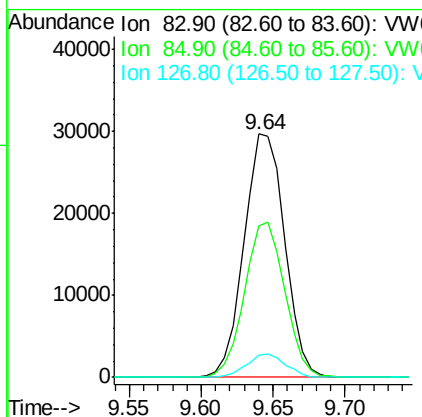
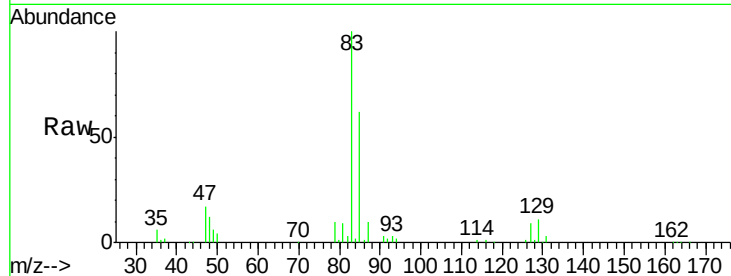
#47  
Bromodichloromethane  
Concen: 53.548 ug/l  
RT: 9.64 min Scan# 1269  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 62.2  | 47.6  | 71.4  |
| 127     | 9.2   | 6.7   | 10.1  |

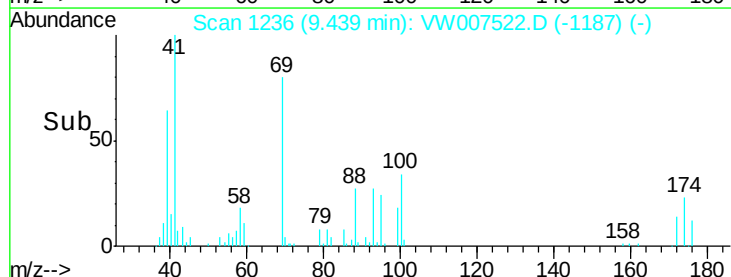
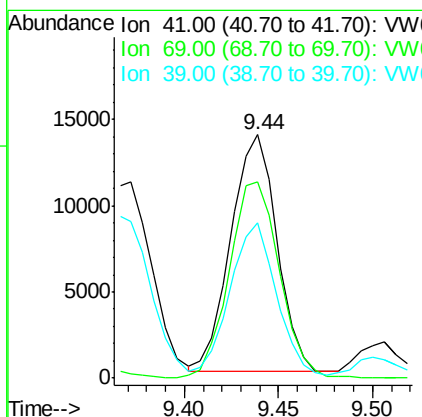
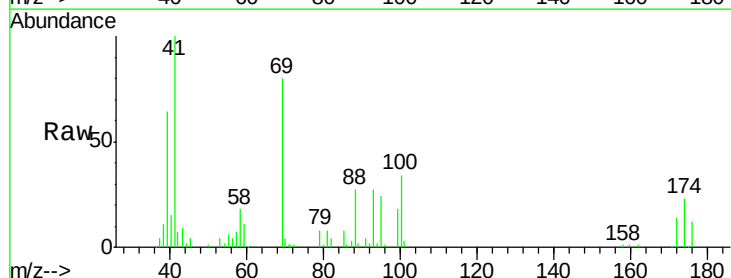
Manual Integrations  
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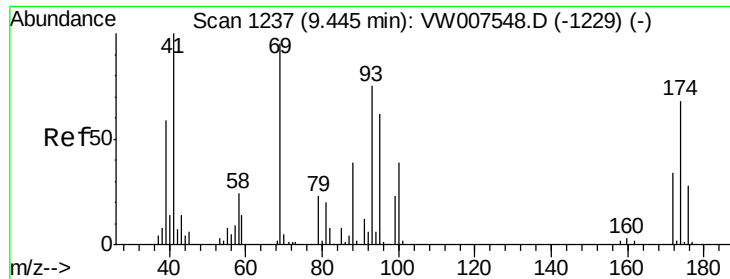
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#48  
Methyl methacrylate  
Concen: 54.640 ug/l  
RT: 9.44 min Scan# 1236  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 90.3  | 69.8  | 104.8 |
| 39      | 67.3  | 50.9  | 76.3  |





#49

1,4-Dioxane

Concen: 1225.989 ug/l

RT: 9.45 min Scan# 1237

Delta R.T. -0.01 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA\_W

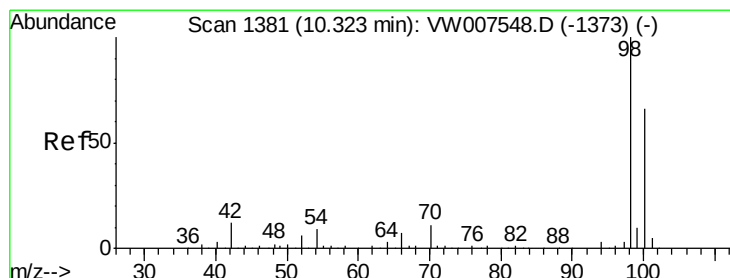
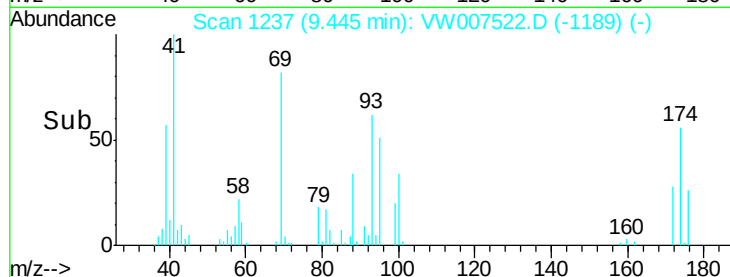
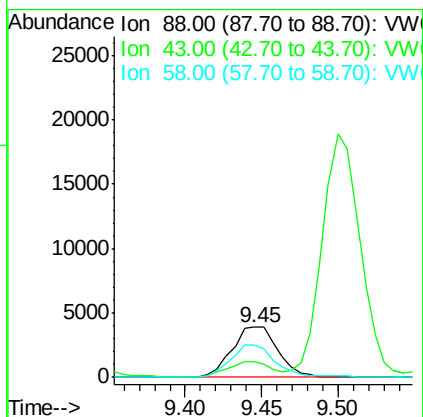
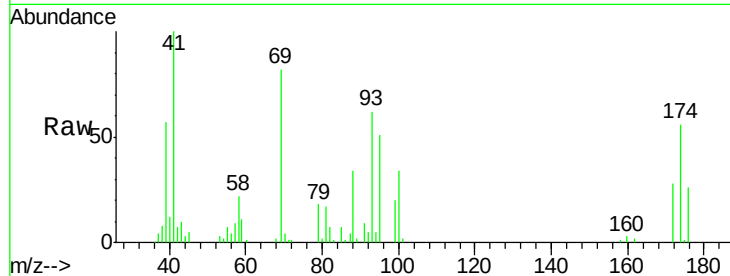
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 88    | Resp: | 8192  |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 29.0  | 25.0  | 37.4  |
| 58       | 63.0  | 51.4  | 77.2  |

Manual Integrations  
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#50

Toluene-d8

Concen: 53.767 ug/l

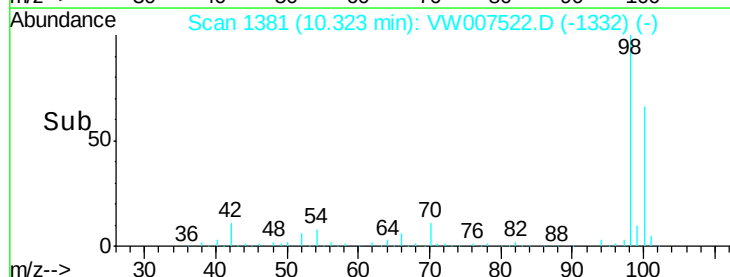
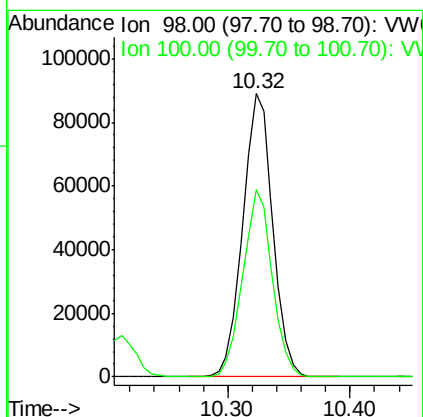
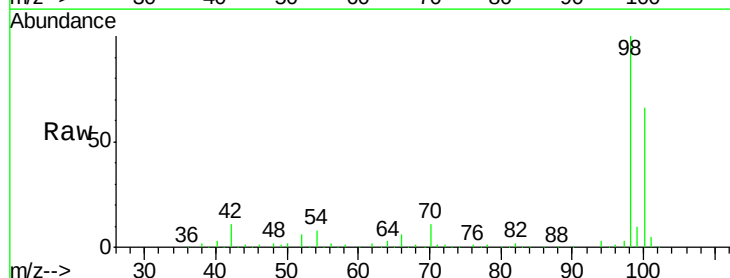
RT: 10.32 min Scan# 1381

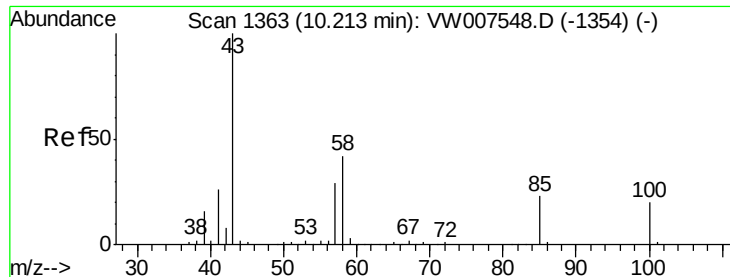
Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 151058 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 64.9  | 51.8  | 77.8   |





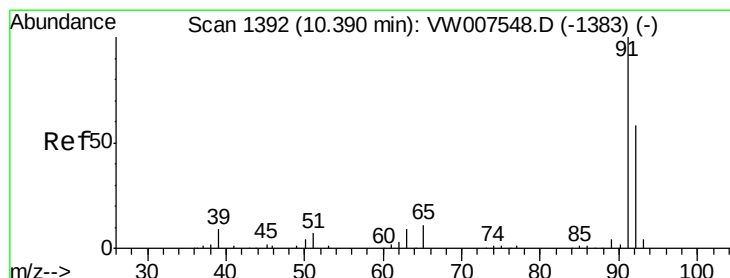
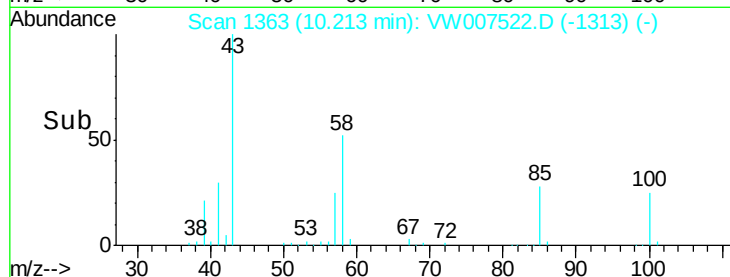
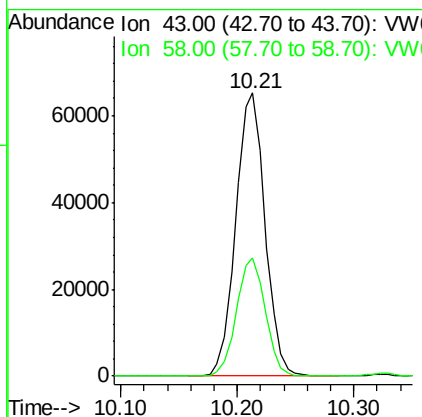
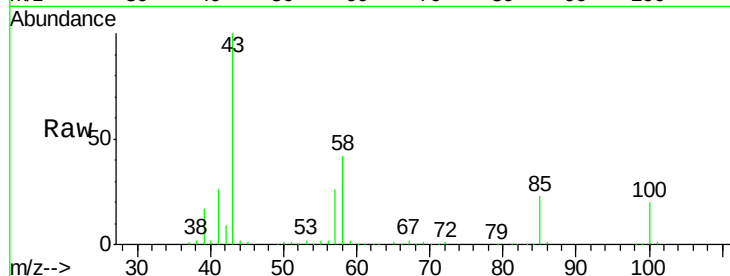
#51  
 4-Methyl-2-Pentanone  
 Concen: 291.303 ug/l  
 RT: 10.21 min Scan# 1363  
 Delta R.T. 0.01 min  
 Lab File: VW007522.D  
 Acq: 14 Dec 2018 08:53

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 43 Resp: 114186  
 Ion Ratio Lower Upper  
 43 100  
 58 41.2 33.1 49.7

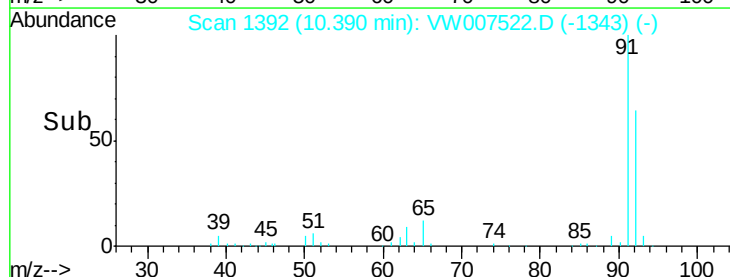
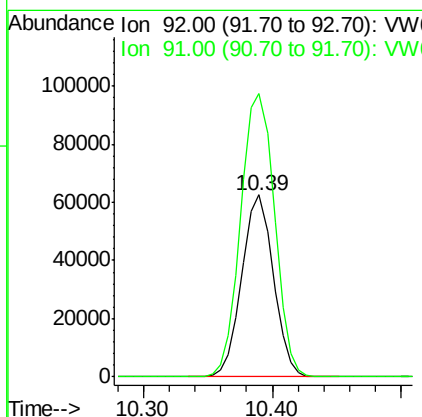
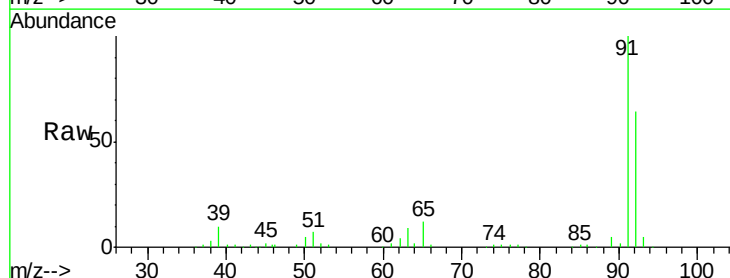
Manual Integrations  
 APPROVED

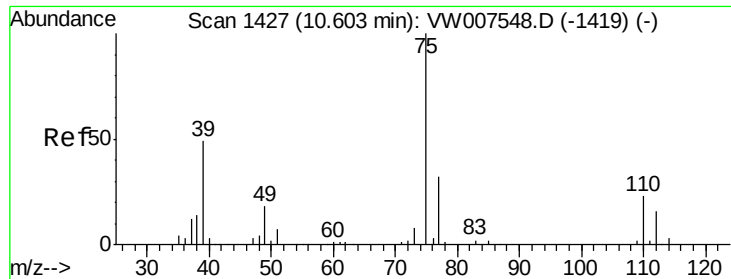
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#52  
 Toluene  
 Concen: 52.322 ug/l  
 RT: 10.39 min Scan# 1392  
 Delta R.T. -0.00 min  
 Lab File: VW007522.D  
 Acq: 14 Dec 2018 08:53

Tgt Ion: 92 Resp: 106107  
 Ion Ratio Lower Upper  
 92 100  
 91 167.1 136.2 204.2





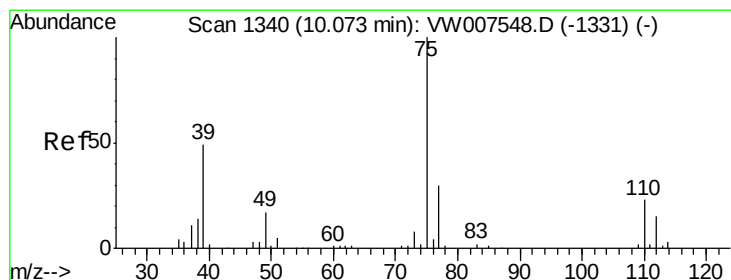
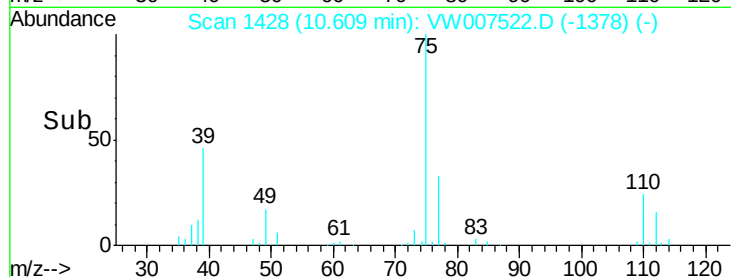
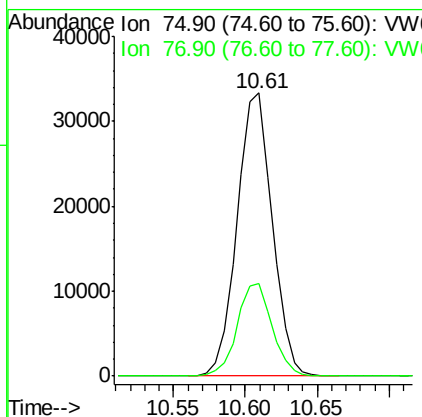
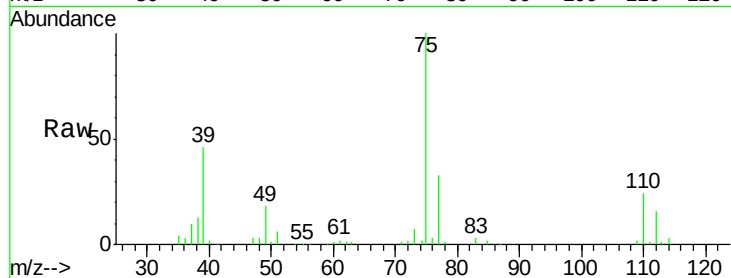
#53  
t-1,3-Dichloropropene  
Concen: 53.805 ug/l  
RT: 10.61 min Scan# 1428  
Delta R.T. 0.01 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 75 Resp: 56424  
Ion Ratio Lower Upper  
75 100  
77 32.9 26.2 39.4

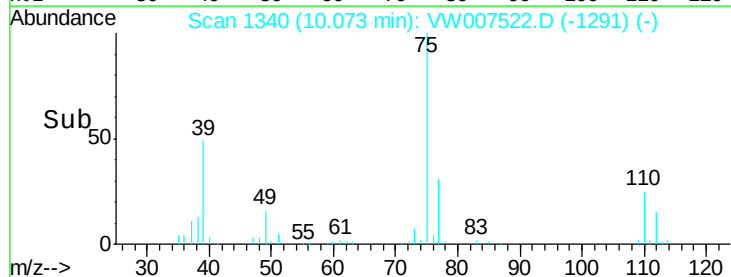
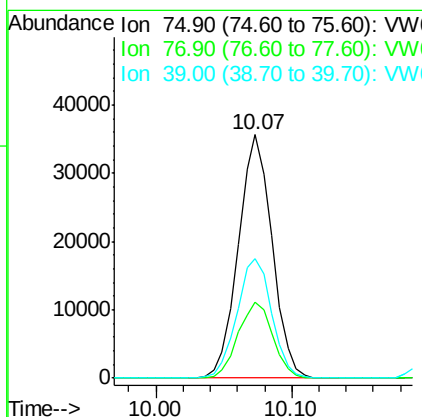
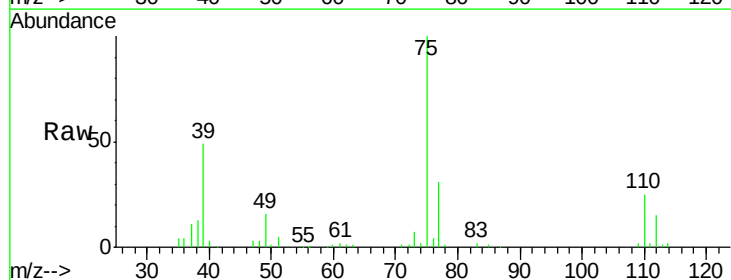
Manual Integrations  
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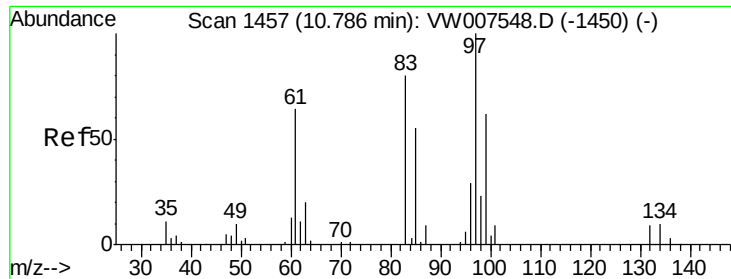


#54  
cis-1,3-Dichloropropene  
Concen: 50.876 ug/l  
RT: 10.07 min Scan# 1340  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Tgt Ion: 75 Resp: 61677  
Ion Ratio Lower Upper  
75 100  
77 31.1 24.8 37.2  
39 48.9 40.9 61.3







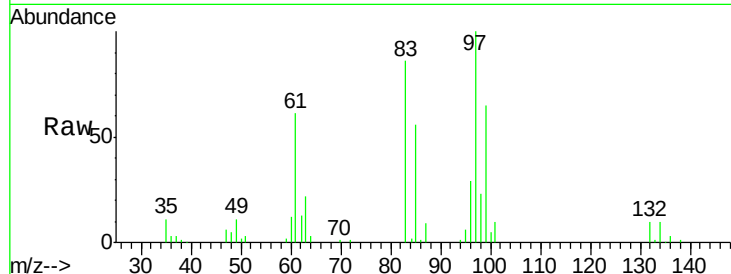
#55  
 1,1,2-Trichloroethane  
 Concen: 57.333 ug/l  
 RT: 10.79 min Scan# 1457  
 Delta R.T. -0.01 min  
 Lab File: VW007522.D  
 Acq: 14 Dec 2018 08:53

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

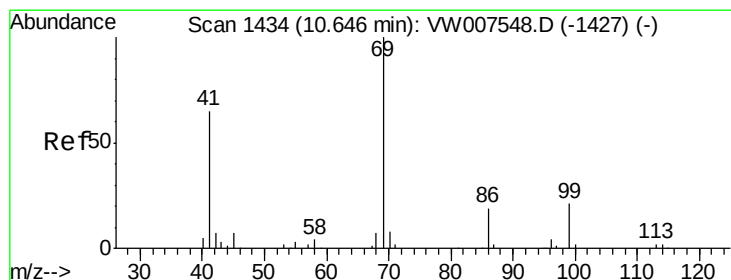
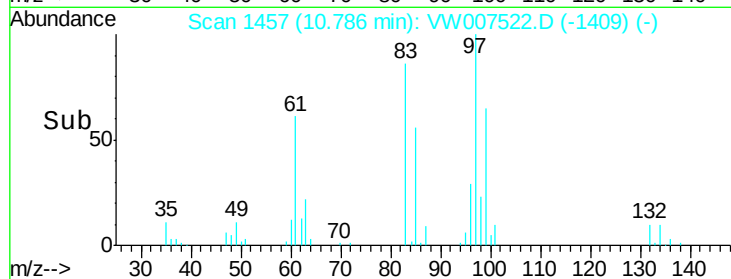
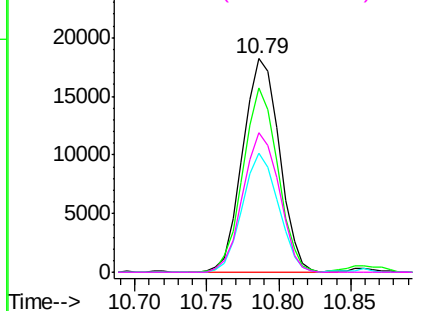
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 83      | 86.4  | 62.1  | 93.1  |
| 85      | 56.0  | 44.2  | 66.4  |
| 99      | 65.1  | 50.2  | 75.4  |

Manual Integrations  
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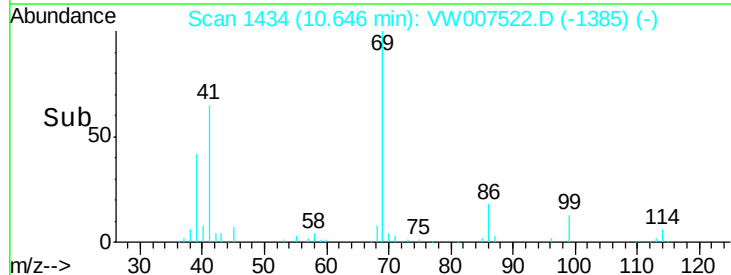
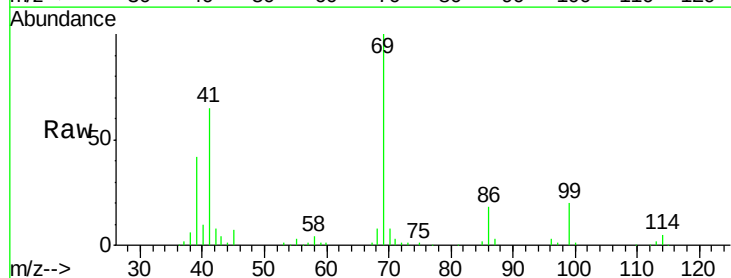
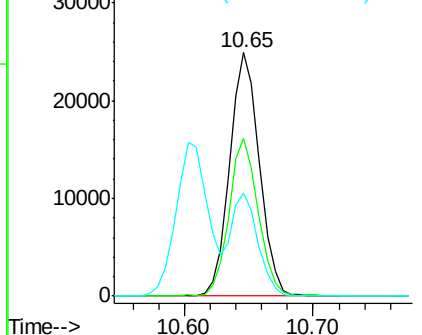
Abundance Ion 96.90 (96.60 to 97.60): VW  
 Ion 82.90 (82.60 to 83.60): VW  
 Ion 84.90 (84.60 to 85.60): VW  
 Ion 98.90 (98.60 to 99.60): VW

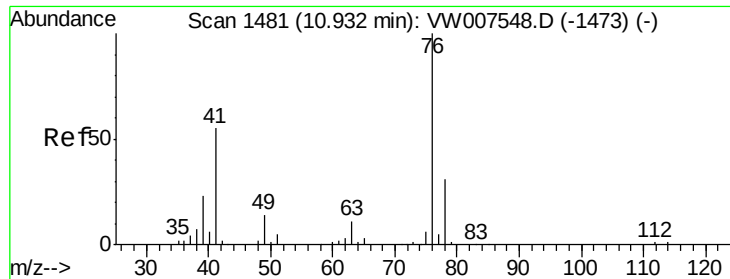


#56  
 Ethyl methacrylate  
 Concen: 59.410 ug/l  
 RT: 10.65 min Scan# 1434  
 Delta R.T. -0.00 min  
 Lab File: VW007522.D  
 Acq: 14 Dec 2018 08:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 69      | 100   |       |       |
| 41      | 64.1  | 51.0  | 76.6  |
| 39      | 39.0  | 30.8  | 46.2  |

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





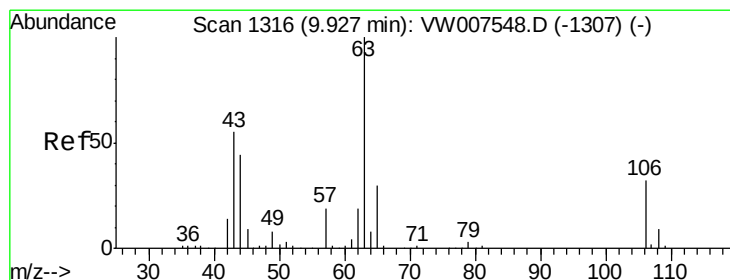
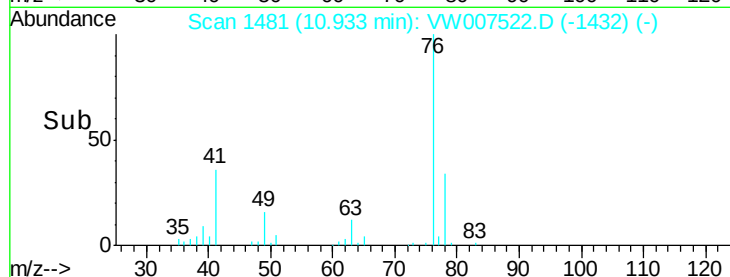
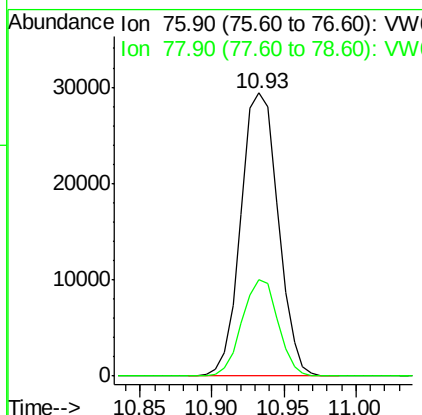
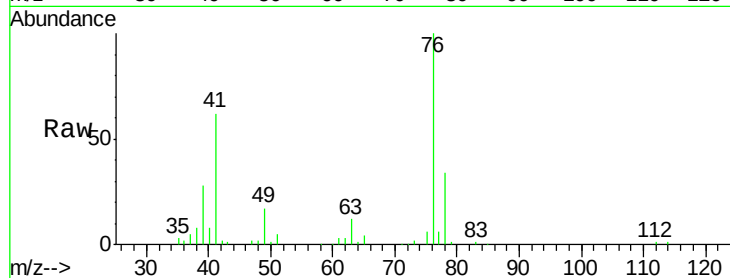
#57  
 1,3-Dichloropropane  
 Concen: 57.288 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. -0.00 min  
 Lab File: VW007522.D  
 Acq: 14 Dec 2018 08:53

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 76 Resp: 52702  
 Ion Ratio Lower Upper  
 76 100  
 78 32.9 26.2 39.4

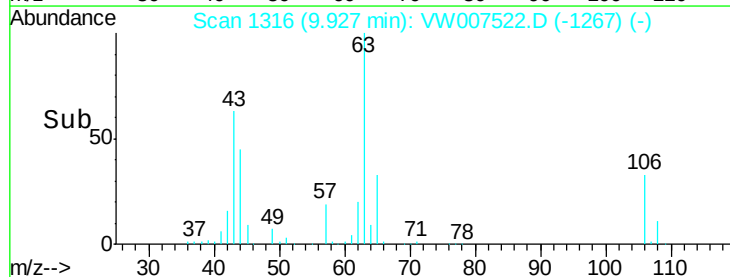
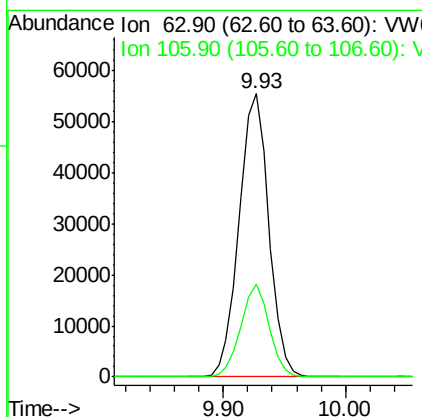
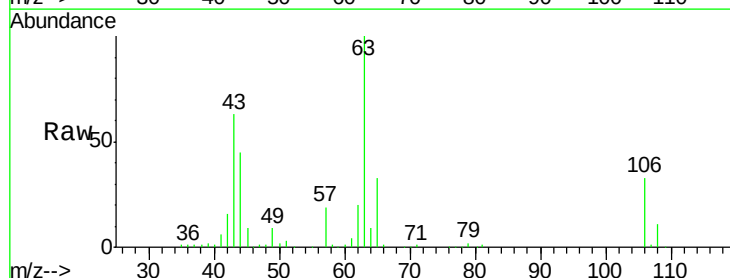
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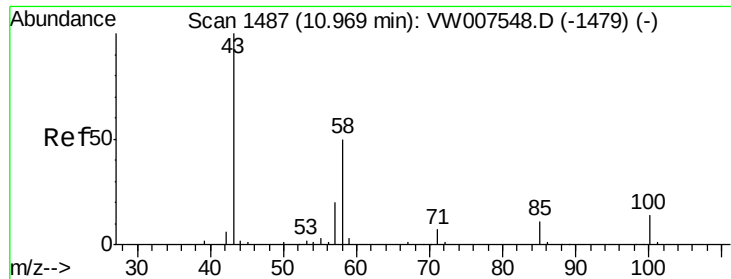
apatel  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 300.673 ug/l  
 RT: 9.93 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VW007522.D  
 Acq: 14 Dec 2018 08:53

Tgt Ion: 63 Resp: 93408  
 Ion Ratio Lower Upper  
 63 100  
 106 31.5 25.0 37.6





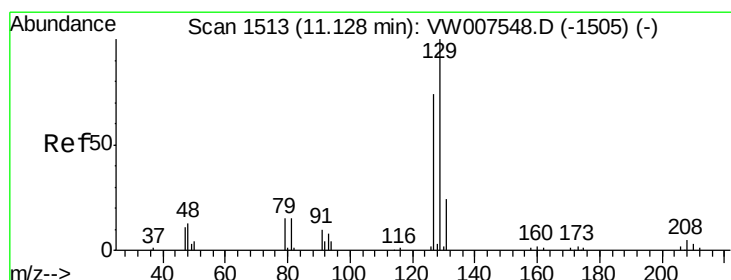
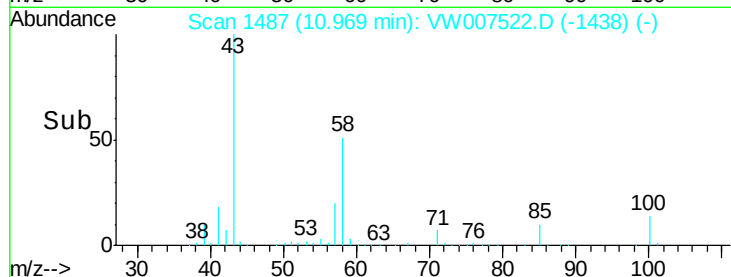
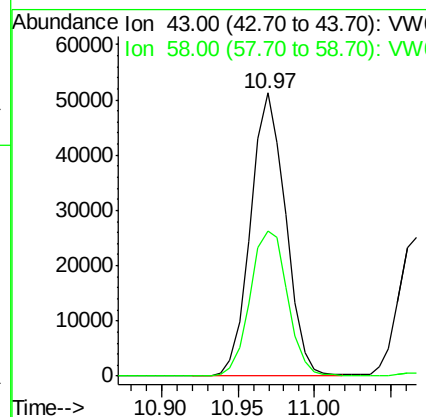
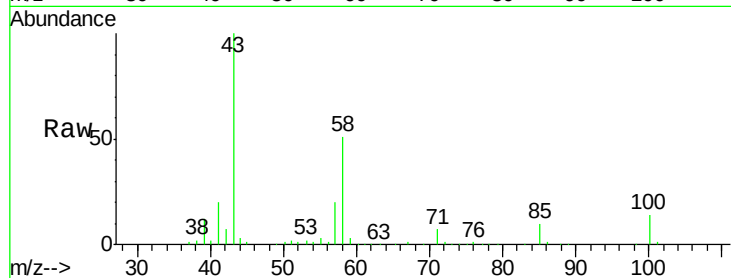
#59  
2-Hexanone  
Concen: 312.352 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 43 Resp: 81641  
Ion Ratio Lower Upper  
43 100  
58 54.7 27.1 81.3

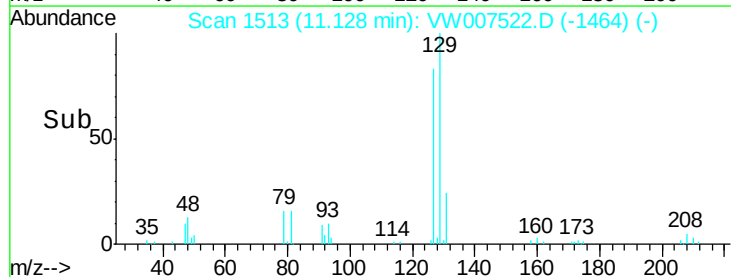
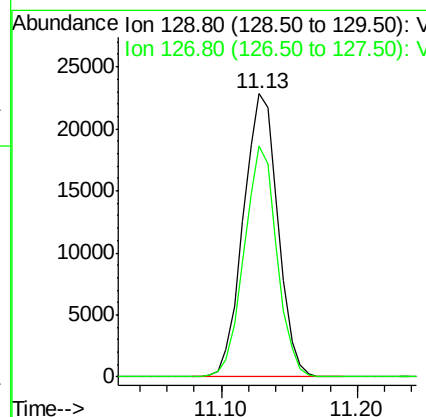
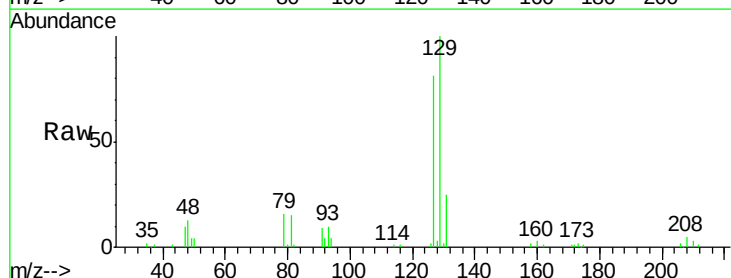
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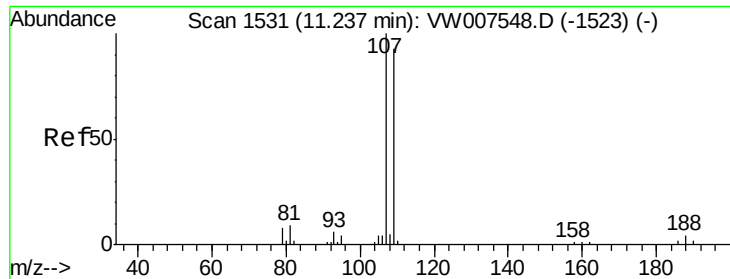
apatel  
12/17/2018 1:43:59 PM



#60  
Dibromochloromethane  
Concen: 57.343 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Tgt Ion: 129 Resp: 40560  
Ion Ratio Lower Upper  
129 100  
127 76.9 38.1 114.3





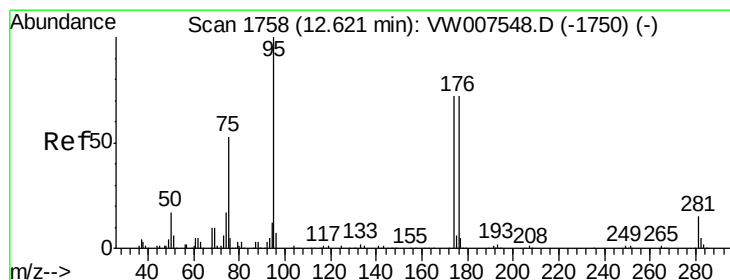
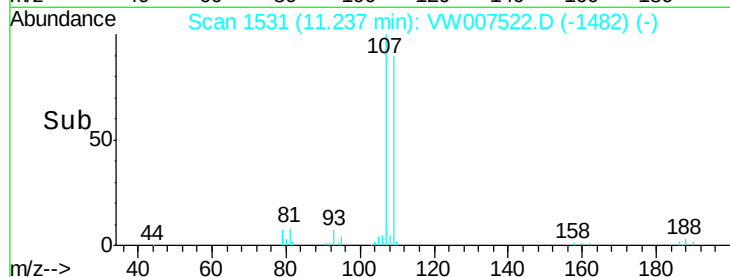
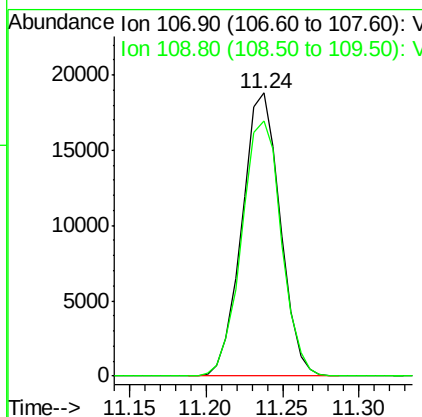
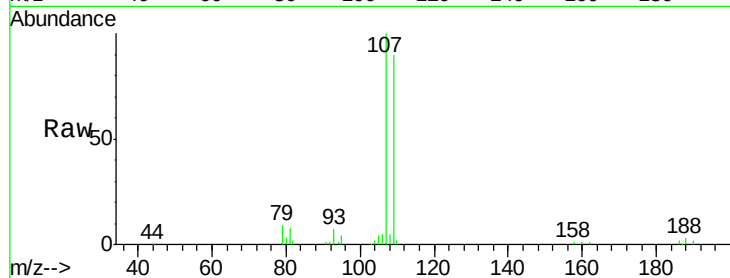
#61  
 1,2-Dibromoethane  
 Concen: 58.884 ug/l  
 RT: 11.24 min Scan# 1531  
 Delta R.T. -0.00 min  
 Lab File: VW007522.D  
 Acq: 14 Dec 2018 08:53

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 107 Resp: 32615  
 Ion Ratio Lower Upper  
 107 100  
 109 94.0 79.1 118.7

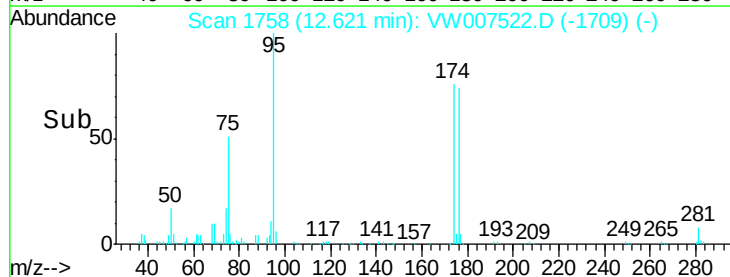
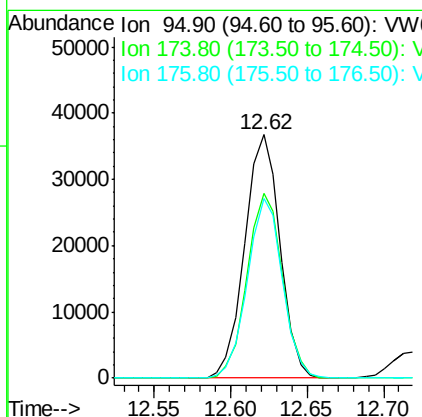
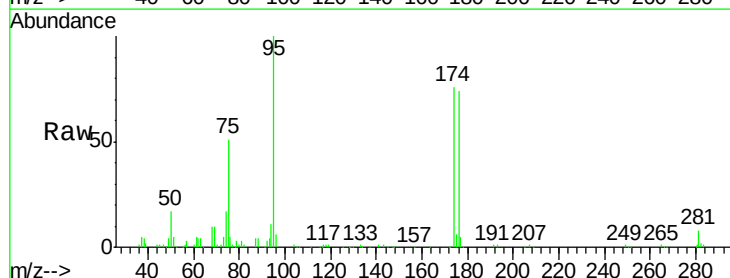
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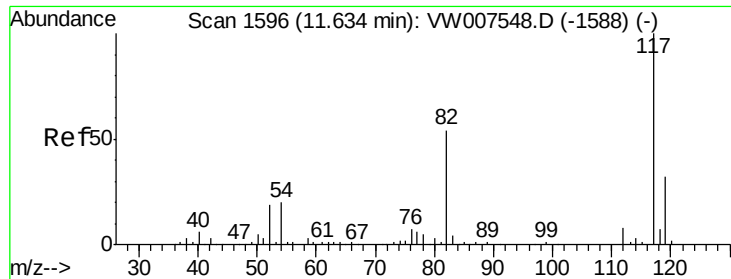
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#62  
 4-Bromofluorobenzene  
 Concen: 57.024 ug/l  
 RT: 12.62 min Scan# 1758  
 Delta R.T. -0.00 min  
 Lab File: VW007522.D  
 Acq: 14 Dec 2018 08:53

Tgt Ion: 95 Resp: 58904  
 Ion Ratio Lower Upper  
 95 100  
 174 76.0 0.0 147.2  
 176 73.3 0.0 138.8





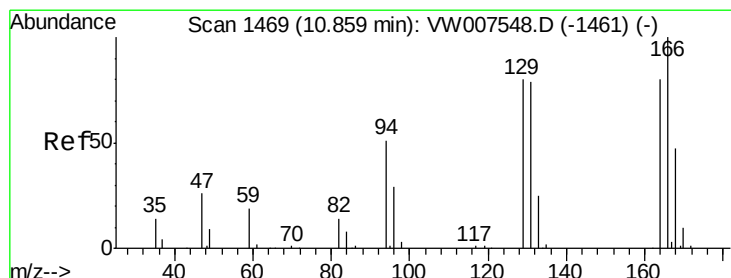
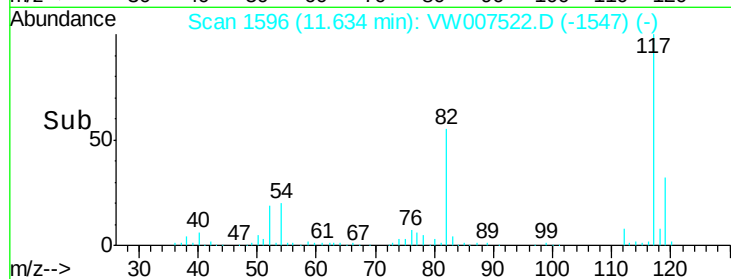
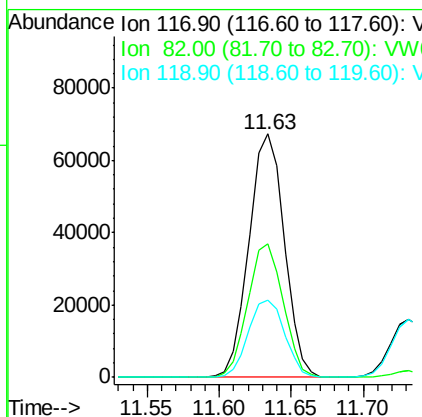
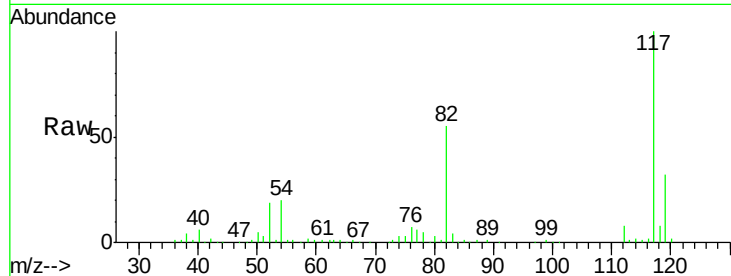
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 114296 |       |       |
| 82      | 54.7  | 42.3   | 63.5  |       |
| 119     | 31.7  | 23.0   | 34.6  |       |

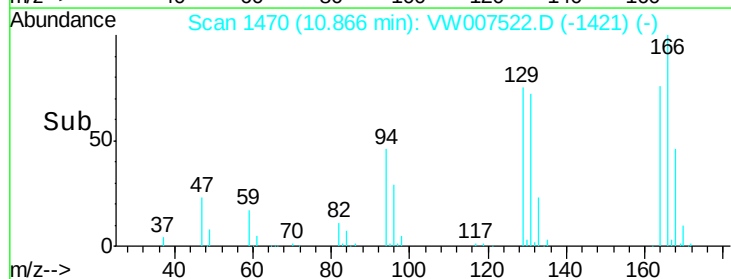
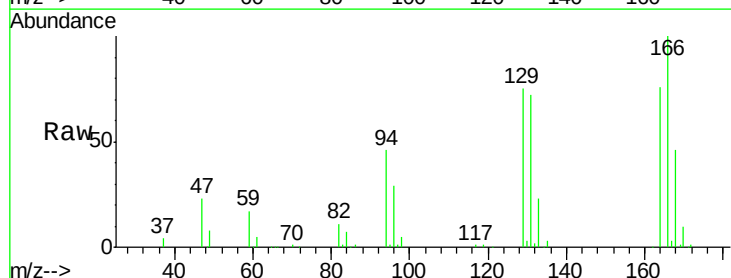
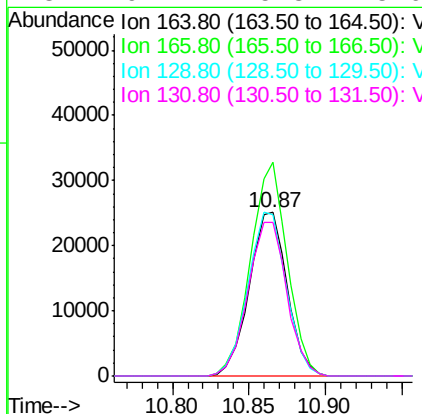
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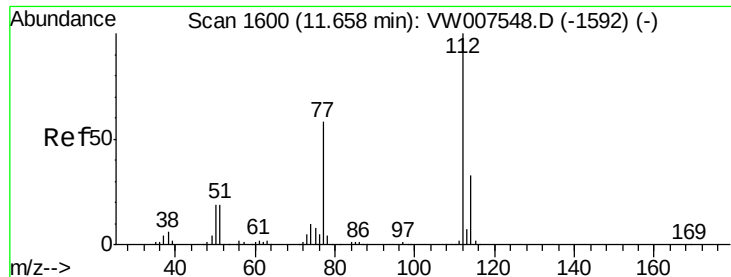
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#64  
Tetrachloroethene  
Concen: 52.616 ug/l  
RT: 10.87 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 43247 |       |       |
| 166     | 130.8 | 107.9 | 161.9 |       |
| 129     | 98.5  | 73.4  | 110.2 |       |
| 131     | 94.4  | 75.8  | 113.6 |       |





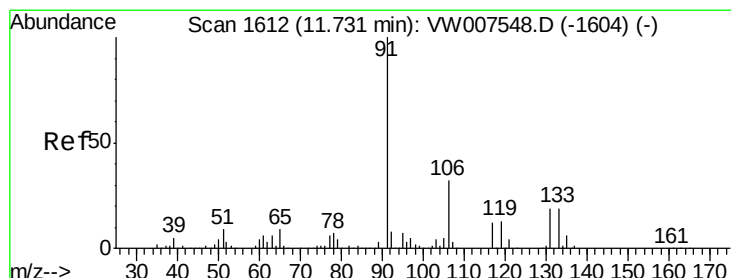
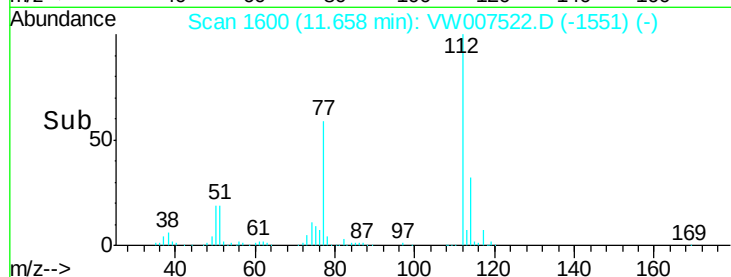
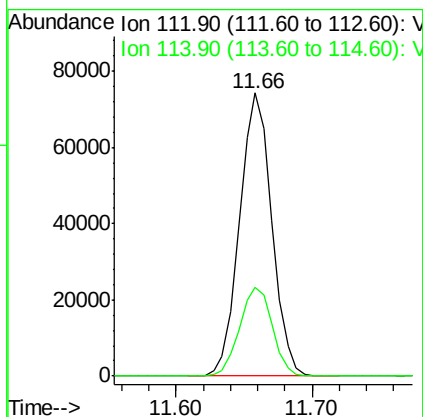
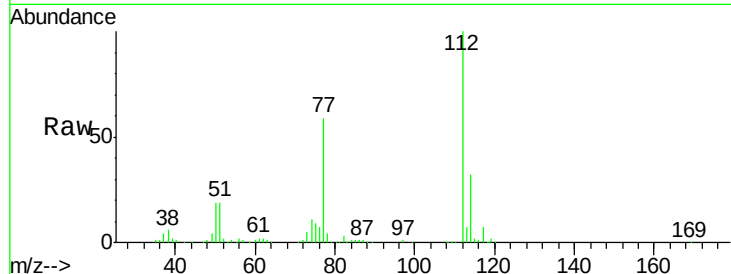
#65  
Chlorobenzene  
Concen: 51.479 ug/l  
RT: 11.66 min Scan# 1600  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tgt Ion:112 Resp: 122639  
Ion Ratio Lower Upper  
112 100  
114 31.6 27.8 41.8

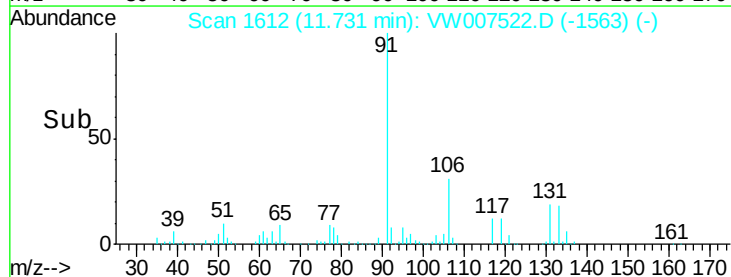
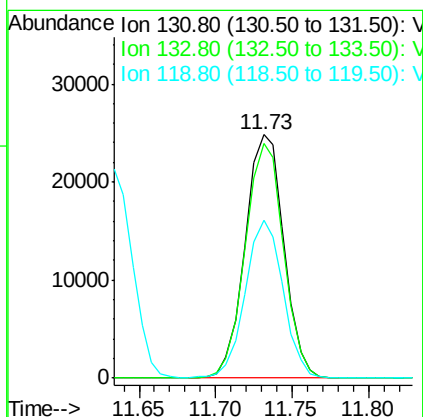
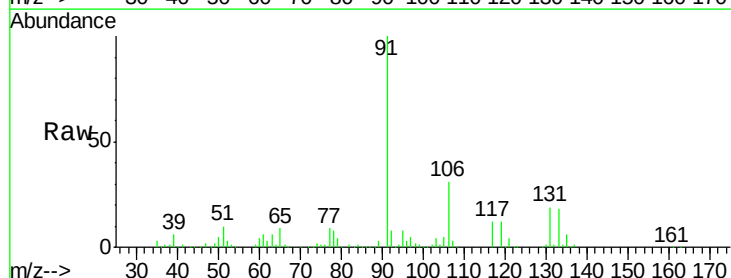
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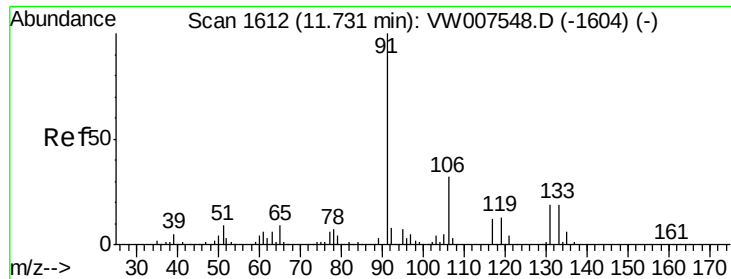
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.105 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Tgt Ion:131 Resp: 43718  
Ion Ratio Lower Upper  
131 100  
133 95.5 47.1 141.4  
119 63.2 31.3 93.9





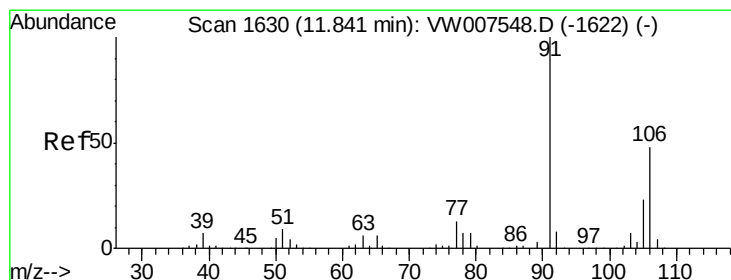
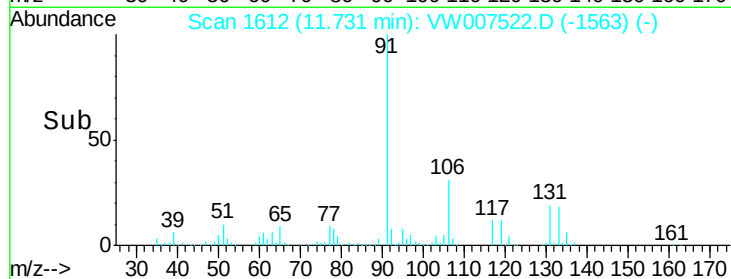
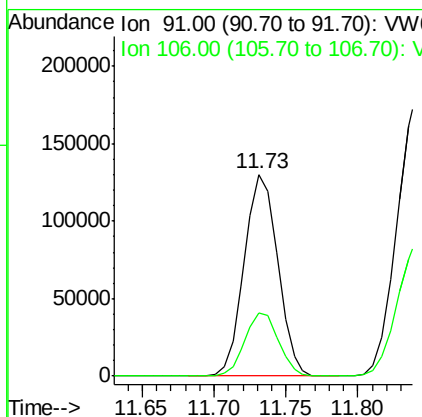
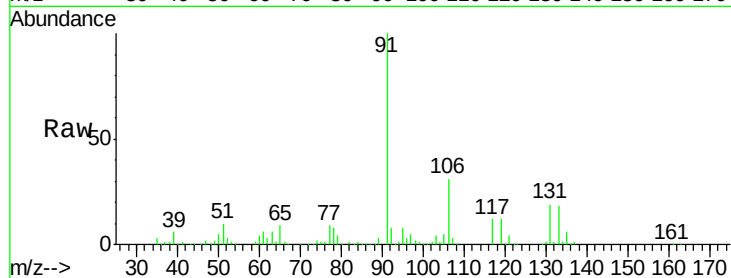
#67  
Ethyl Benzene  
Concen: 51.361 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tgt Ion: 91 Resp: 210365  
Ion Ratio Lower Upper  
91 100  
106 31.1 21.8 32.8

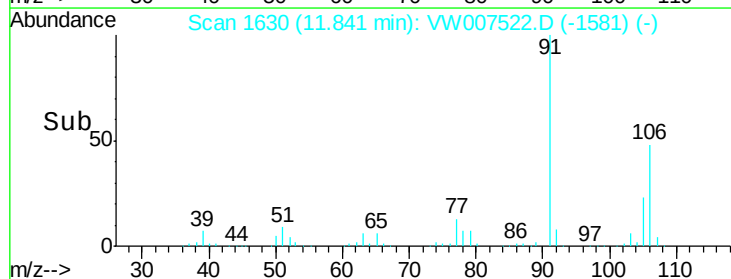
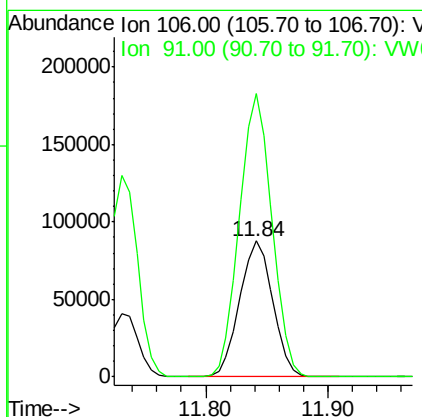
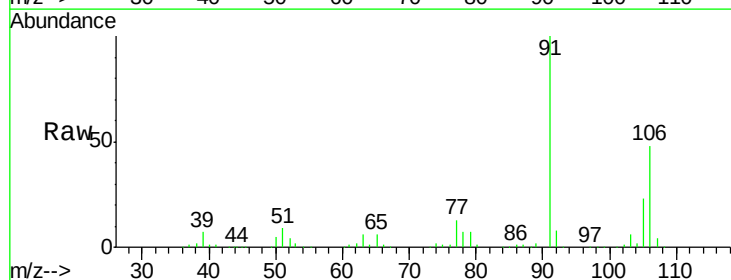
Manual Integrations  
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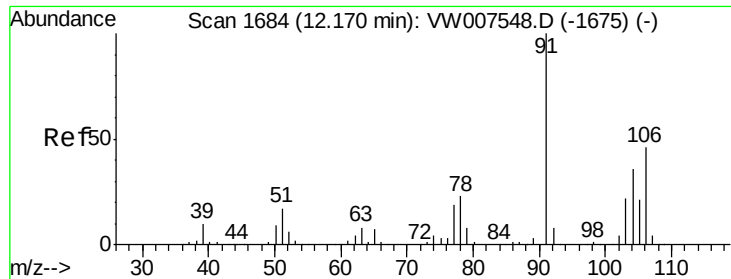
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#68  
m/p-Xylenes  
Concen: 103.335 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Tgt Ion: 106 Resp: 164538  
Ion Ratio Lower Upper  
106 100  
91 204.7 165.3 247.9





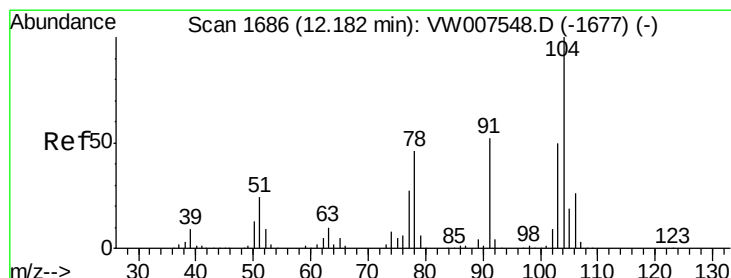
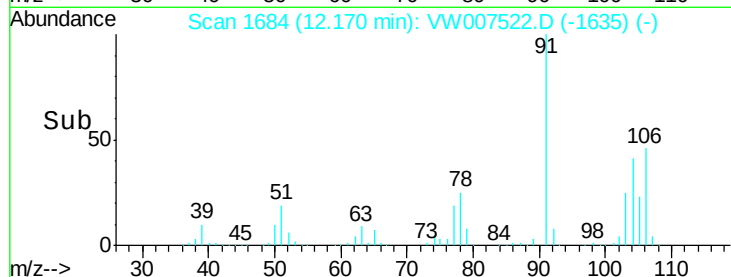
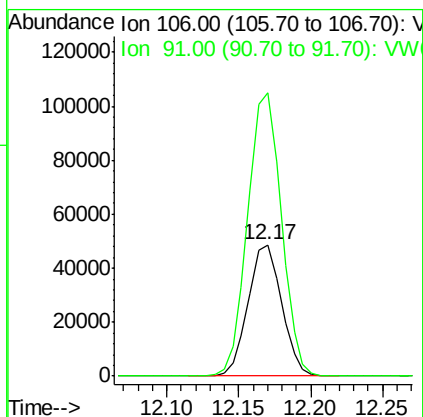
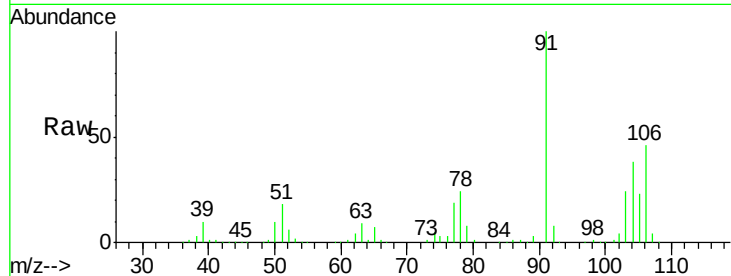
#69  
o-Xylene  
Concen: 52.818 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tgt Ion:106 Resp: 78545  
Ion Ratio Lower Upper  
106 100  
91 216.3 106.6 319.8

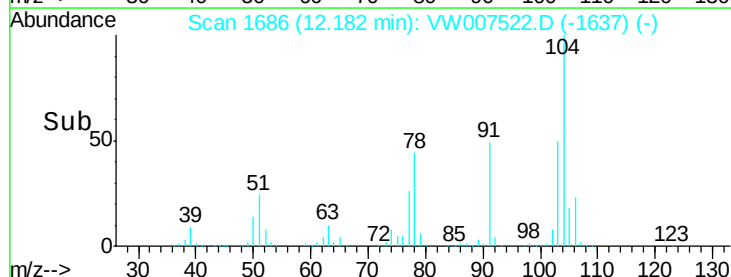
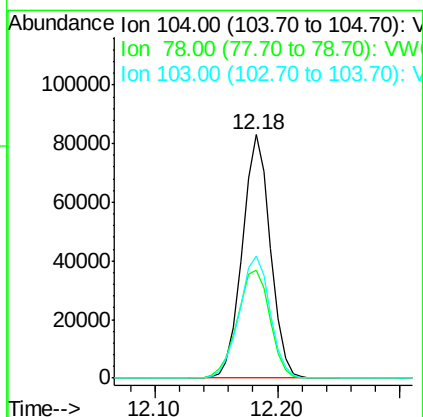
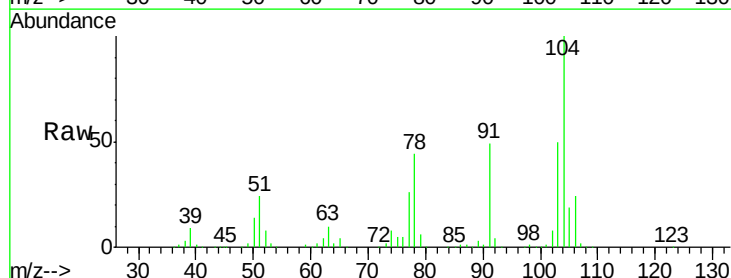
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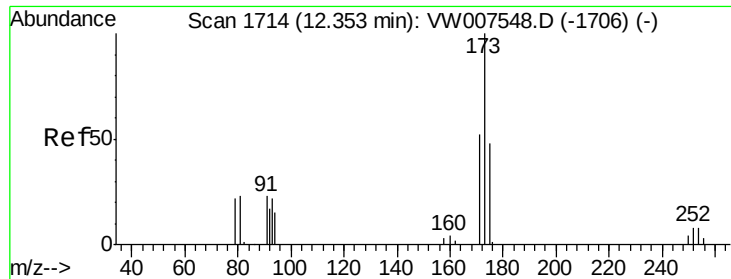


#70  
Styrene  
Concen: 54.855 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Tgt Ion:104 Resp: 131758  
Ion Ratio Lower Upper  
104 100  
78 51.5 41.8 62.8  
103 55.3 46.6 69.8







#71

Bromoform

Concen: 53.782 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA\_W

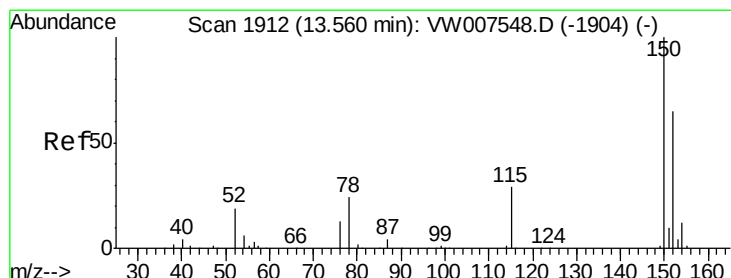
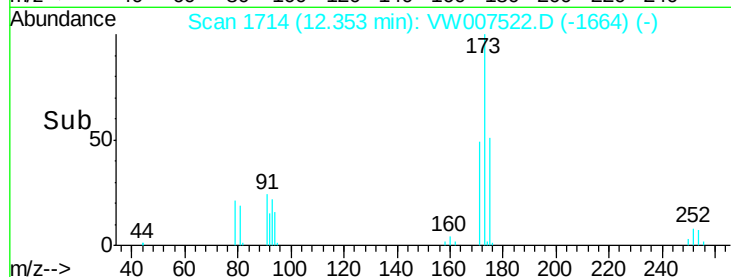
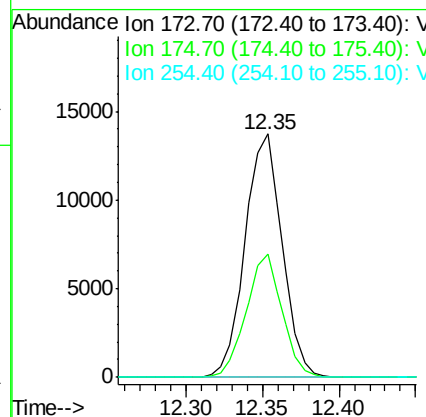
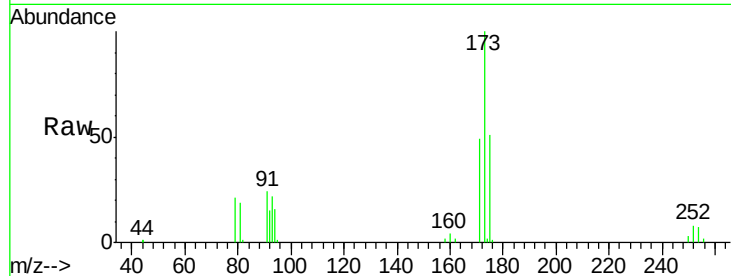
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 173   | Resp: | 23097 |
| Ion Ratio | Lower | Upper |       |
| 173       | 100   |       |       |
| 175       | 48.7  | 23.6  | 70.8  |
| 254       | 0.0   | 0.0   | 0.0   |

Manual Integrations  
APPROVED

apatel  
12/17/2018 1:43:59 PM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

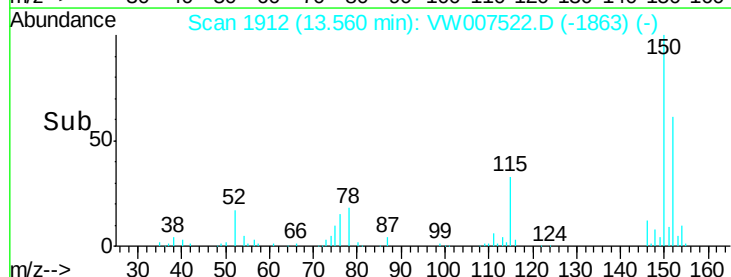
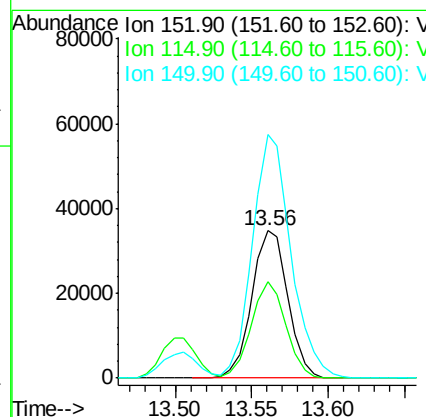
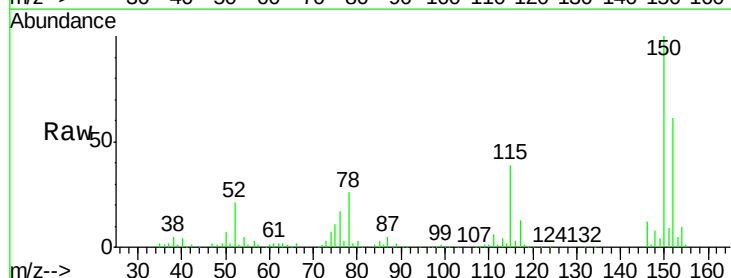
RT: 13.56 min Scan# 1912

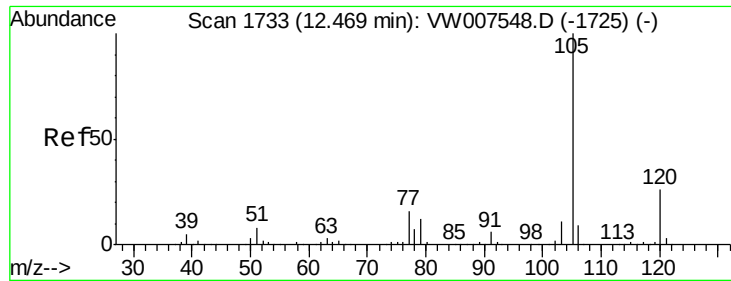
Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 152   | Resp: | 56715 |
| Ion Ratio | Lower | Upper |       |
| 152       | 100   |       |       |
| 115       | 62.8  | 31.4  | 94.2  |
| 150       | 177.3 | 0.0   | 358.4 |





#73

Isopropylbenzene

Concen: 50.018 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 217364

Ion Ratio Lower Upper

105 100

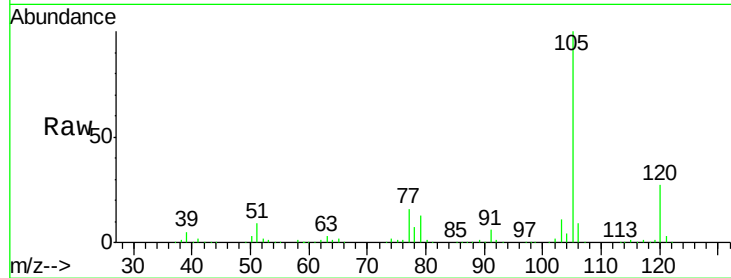
120 26.5 12.8 38.4

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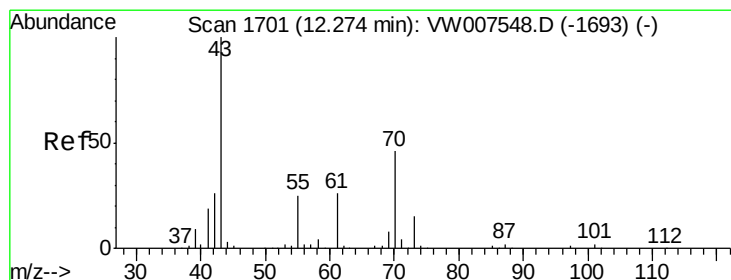
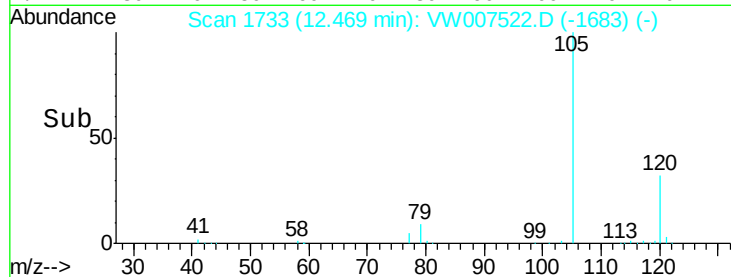
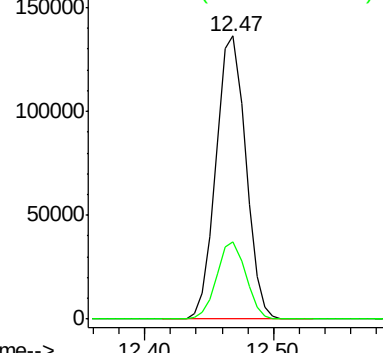
apatel

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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: 55.868 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Tgt Ion: 43 Resp: 44124

Ion Ratio Lower Upper

43 100

70 43.7 36.5 54.7

55 25.7 20.1 30.1

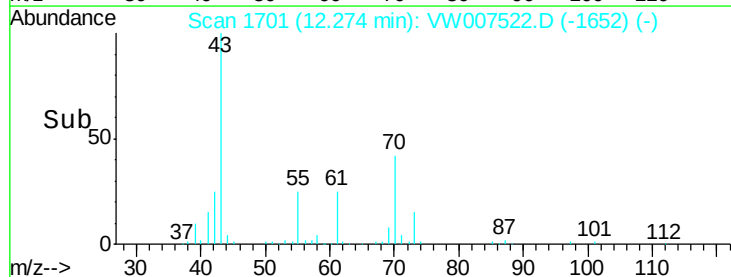
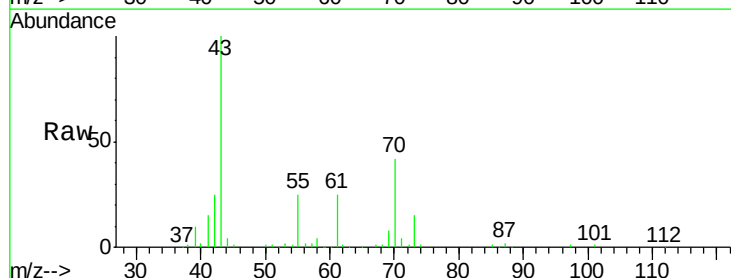
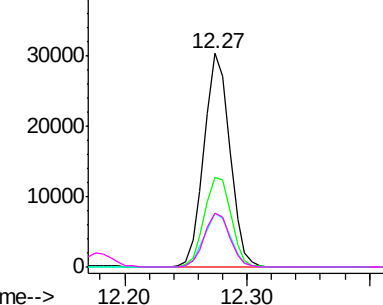
61 25.1 19.3 28.9

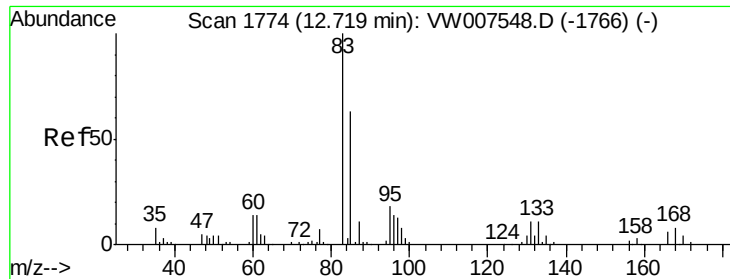
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





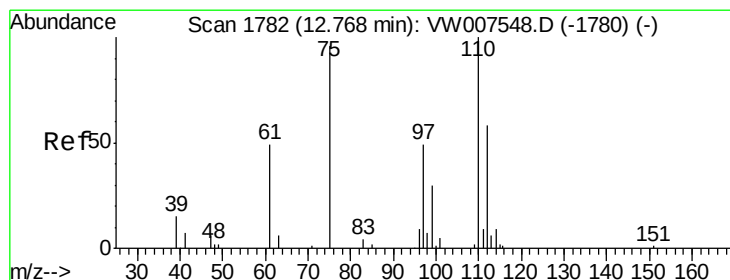
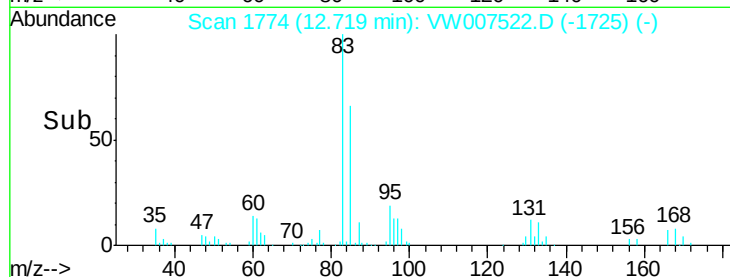
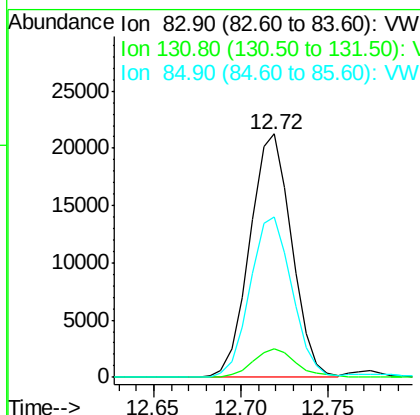
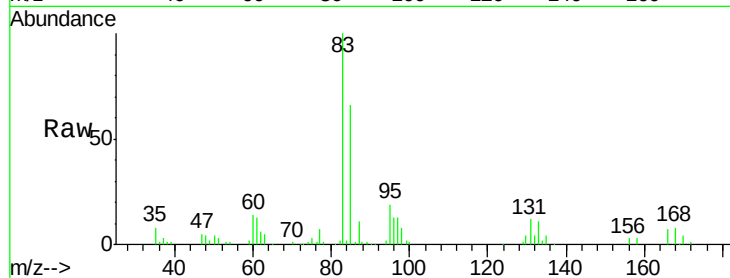
#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 54.854 ug/l  
 RT: 12.72 min Scan# 1774  
 Delta R.T. -0.00 min  
 Lab File: VW007522.D  
 Acq: 14 Dec 2018 08:53

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 83      | 100   | 35307 |       |       |
| 131     | 12.3  | 5.9   | 17.8  |       |
| 85      | 66.4  | 30.0  | 90.0  |       |

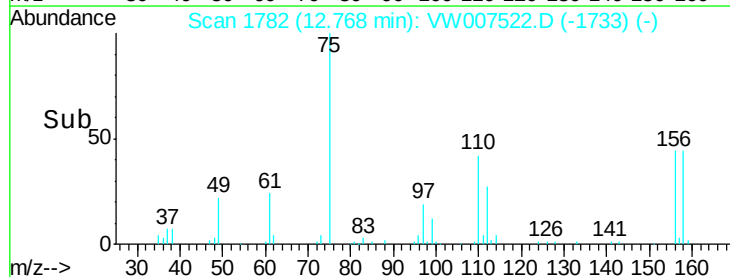
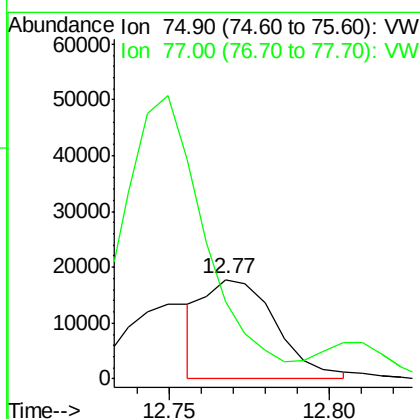
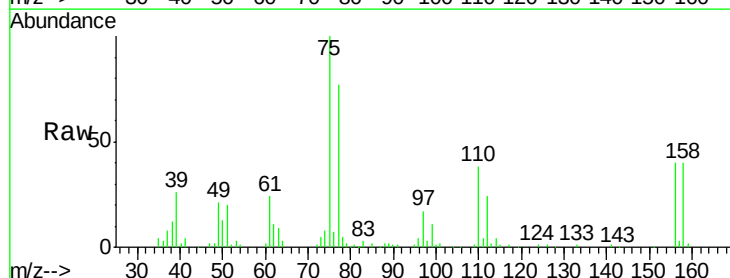
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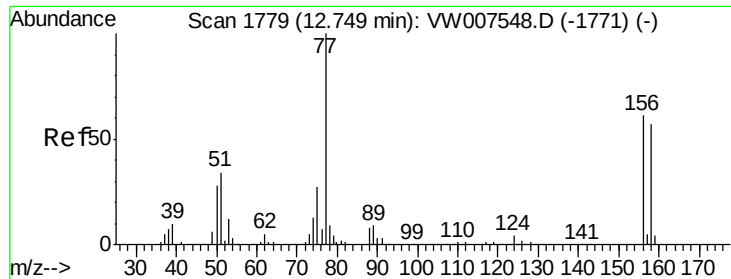
apatel  
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#76  
 1,2,3-Trichloropropane  
 Concen: 59.915 ug/l m  
 RT: 12.77 min Scan# 1782  
 Delta R.T. -0.00 min  
 Lab File: VW007522.D  
 Acq: 14 Dec 2018 08:53

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 28018 |       |       |
| 77      | 325.2 | 166.9 | 500.8 |       |





#77

Bromobenzene

Concen: 51.785 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA\_W

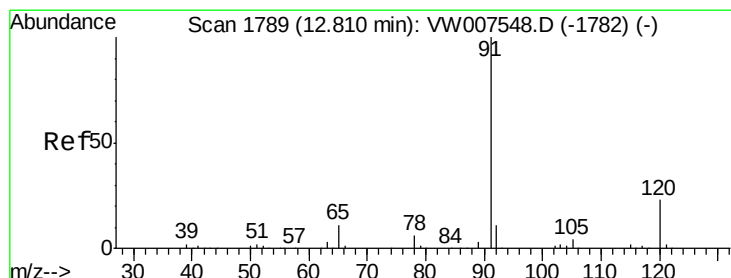
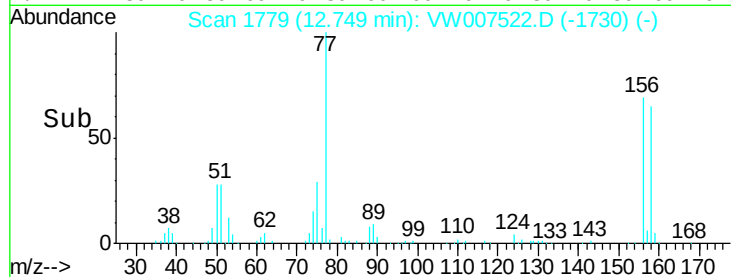
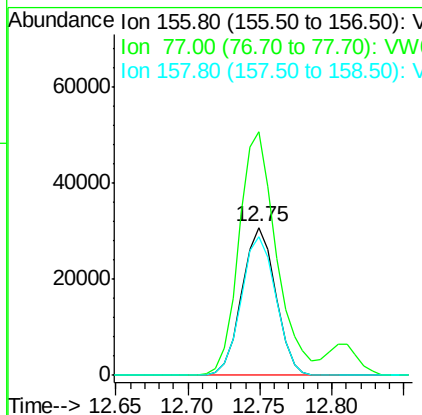
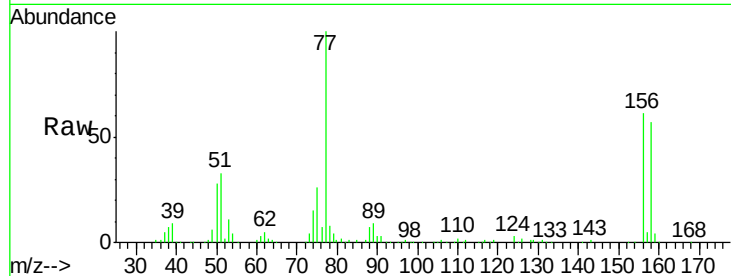
ClientSampleId :

VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 182.7 | 88.1  | 264.4 |
| 158     | 96.1  | 45.6  | 136.7 |

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#78

n-propylbenzene

Concen: 51.337 ug/l

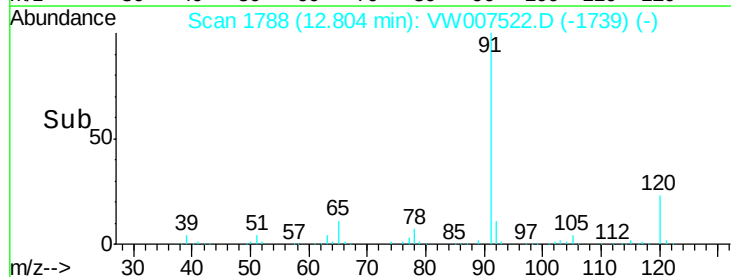
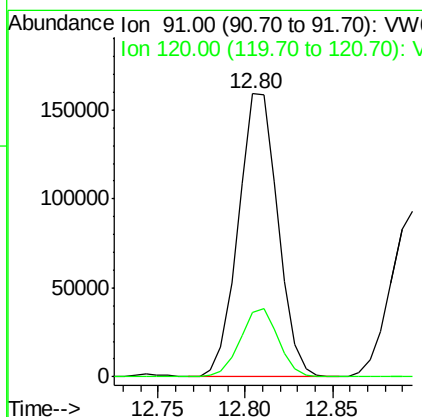
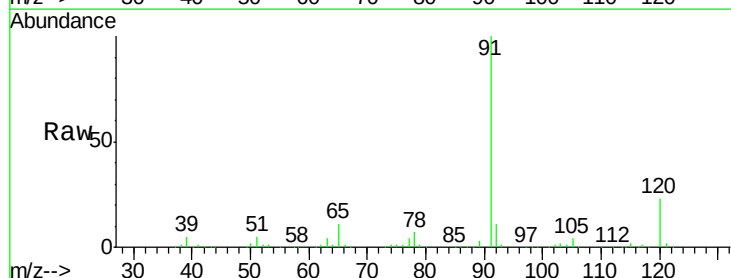
RT: 12.80 min Scan# 1788

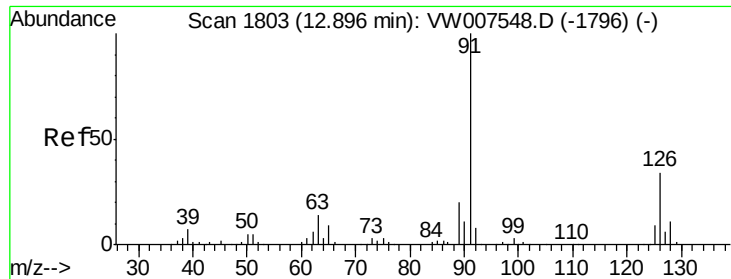
Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 23.4  | 11.9  | 35.5  |





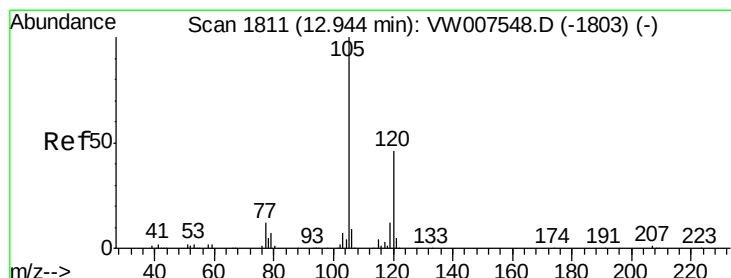
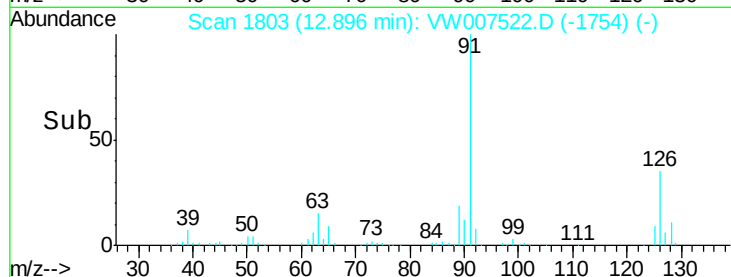
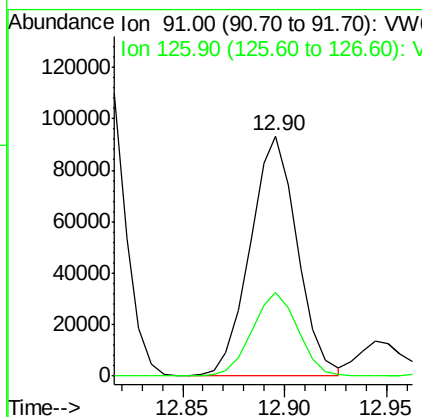
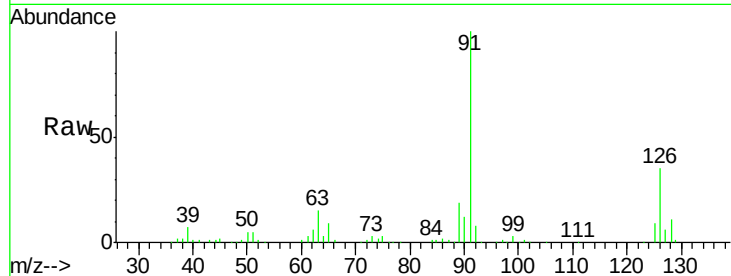
#79  
 2-Chlorotoluene  
 Concen: 50.413 ug/l  
 RT: 12.90 min Scan# 1803  
 Delta R.T. -0.00 min  
 Lab File: VW007522.D  
 Acq: 14 Dec 2018 08:53

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Tgt Ion: 91 Resp: 149184  
 Ion Ratio Lower Upper  
 91 100  
 126 34.3 15.9 47.6

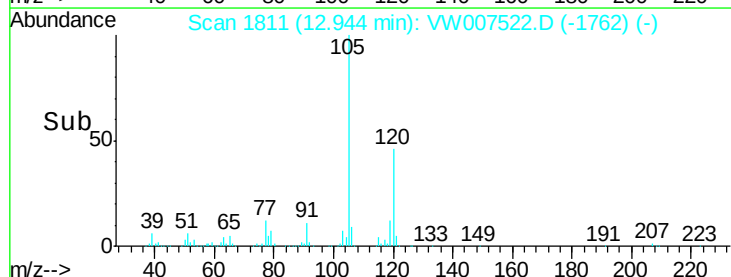
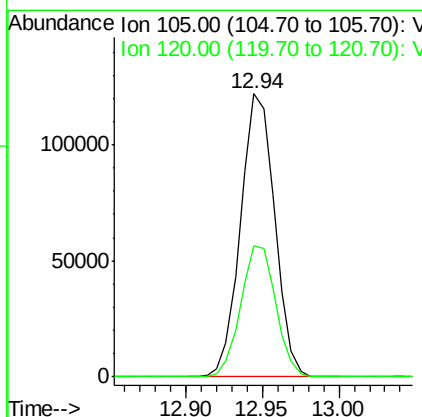
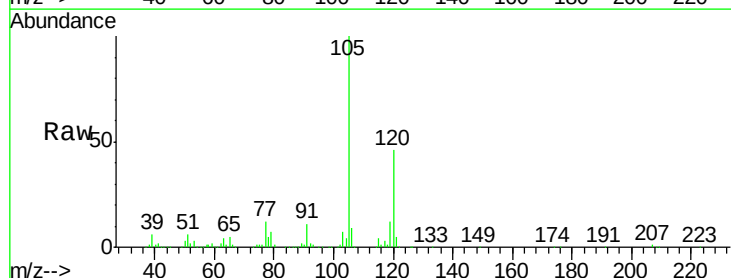
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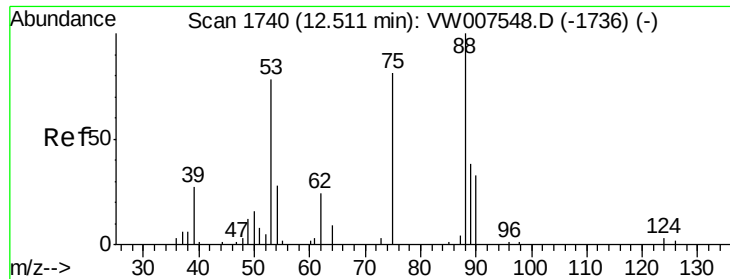
apatel  
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 51.854 ug/l  
 RT: 12.94 min Scan# 1811  
 Delta R.T. -0.00 min  
 Lab File: VW007522.D  
 Acq: 14 Dec 2018 08:53

Tgt Ion: 105 Resp: 189345  
 Ion Ratio Lower Upper  
 105 100  
 120 47.3 23.8 71.4





#81

trans-1,4-Dichloro-2-butene

Concen: 50.016 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA\_W

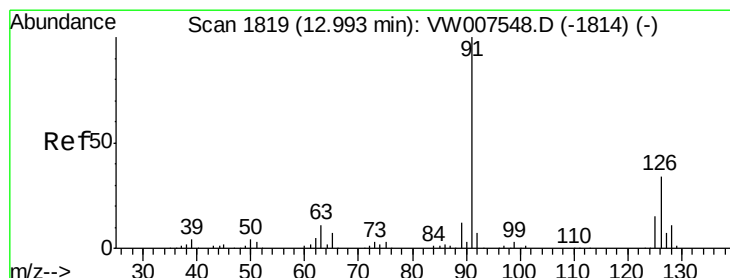
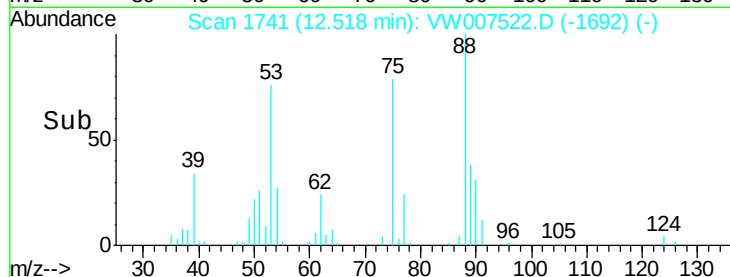
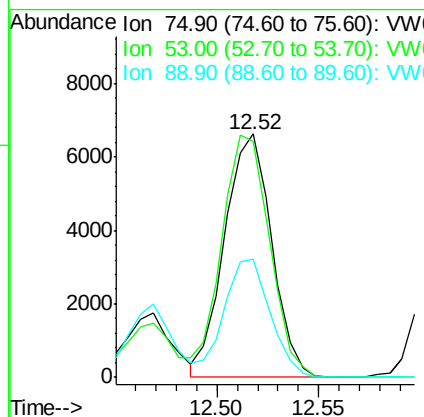
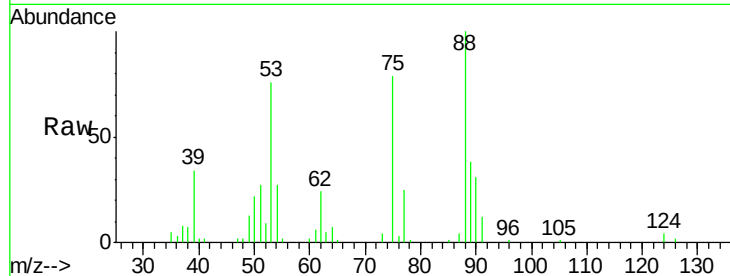
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 10588 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 53        | 101.3 | 84.9  | 127.3 |
| 89        | 47.9  | 40.3  | 60.5  |

Manual Integrations  
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#82

4-Chlorotoluene

Concen: 50.570 ug/l

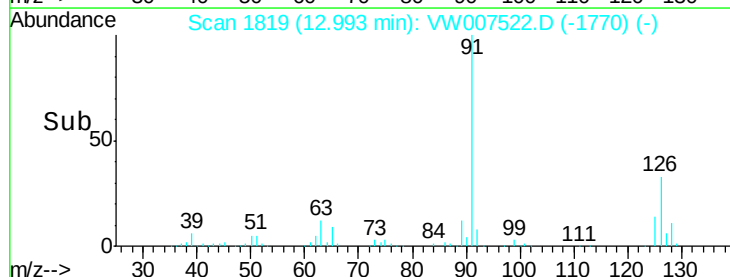
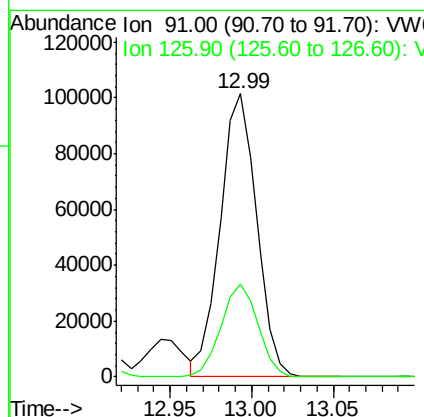
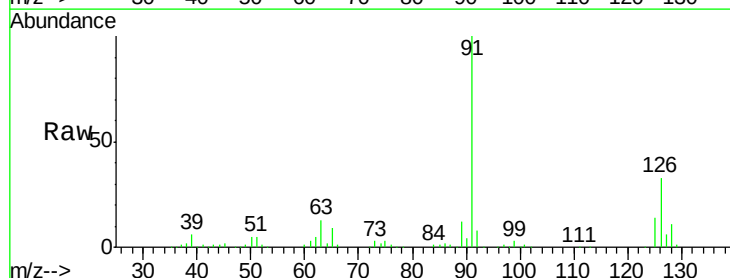
RT: 12.99 min Scan# 1819

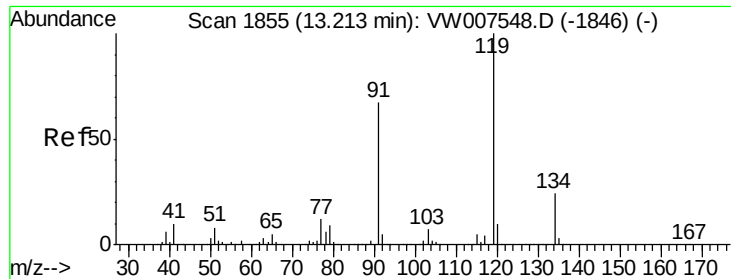
Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 157748 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 33.3  | 16.0  | 48.0   |





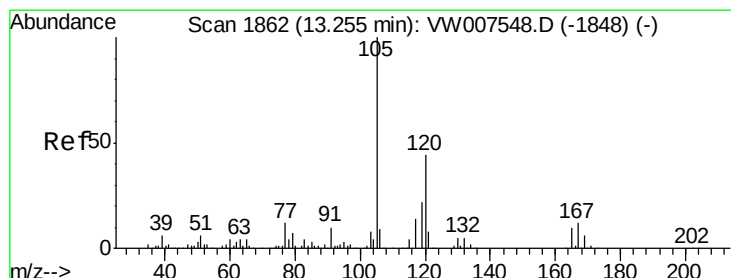
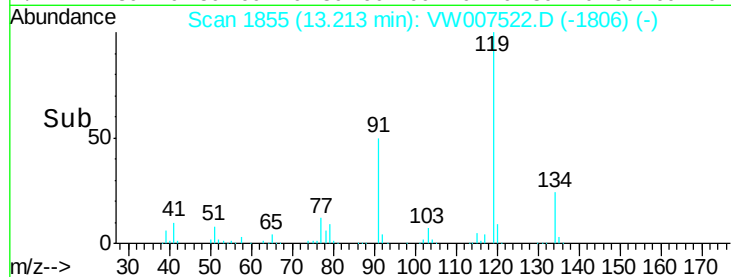
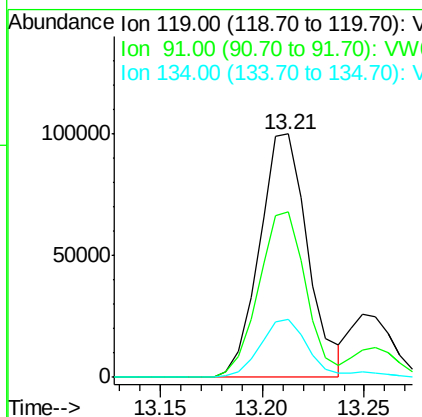
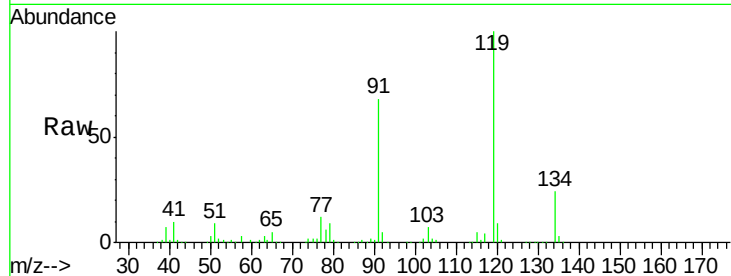
#83  
 tert-Butylbenzene  
 Concen: 51.325 ug/l  
 RT: 13.21 min Scan# 1855  
 Delta R.T. -0.00 min  
 Lab File: VW007522.D  
 Acq: 14 Dec 2018 08:53

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 119   | Resp: | 165137 |
| Ion Ratio | Lower | Upper |        |
| 119       | 100   |       |        |
| 91        | 66.8  | 33.1  | 99.2   |
| 134       | 24.9  | 12.5  | 37.5   |

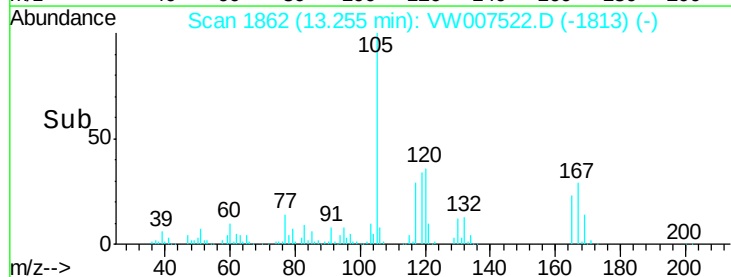
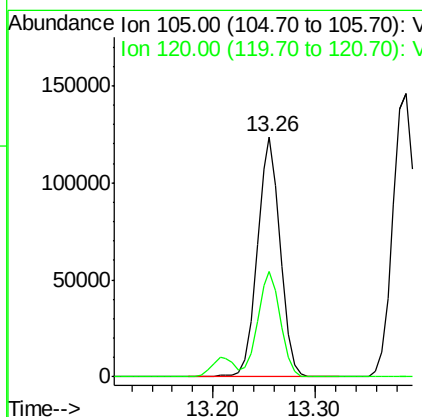
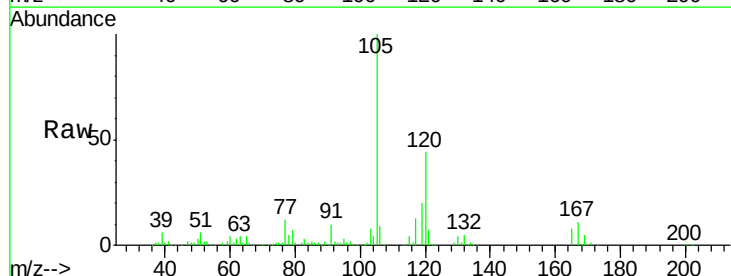
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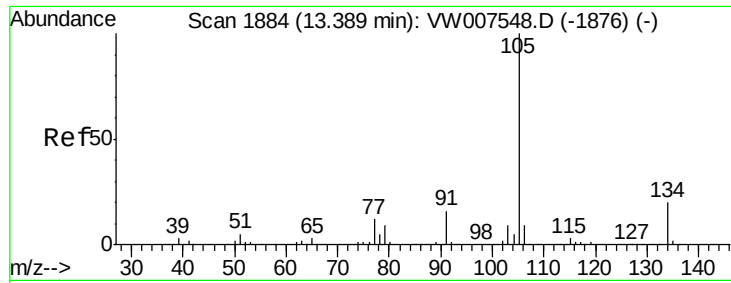
apatel  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 51.376 ug/l  
 RT: 13.26 min Scan# 1862  
 Delta R.T. -0.00 min  
 Lab File: VW007522.D  
 Acq: 14 Dec 2018 08:53

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 105   | Resp: | 193048 |
| Ion Ratio | Lower | Upper |        |
| 105       | 100   |       |        |
| 120       | 43.7  | 22.6  | 67.7   |





#85

sec-Butylbenzene

Concen: 51.189 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 224836

Ion Ratio Lower Upper

105 100

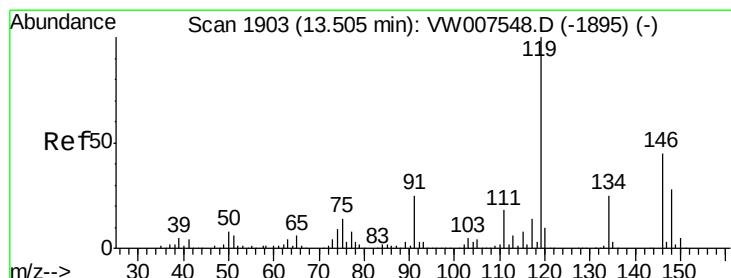
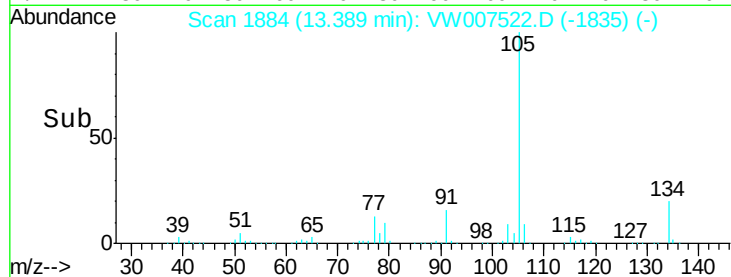
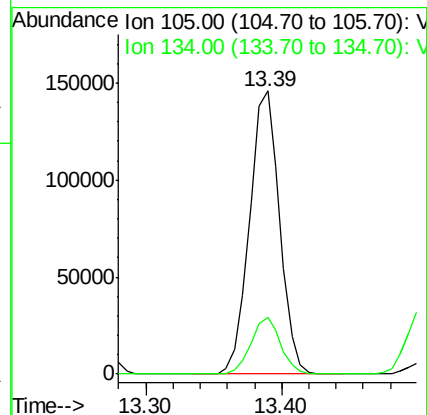
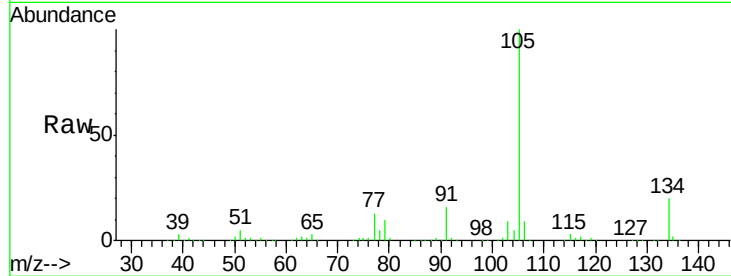
134 19.8 11.1 33.3

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.300 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007522.D

Acq: 14 Dec 2018 08:53

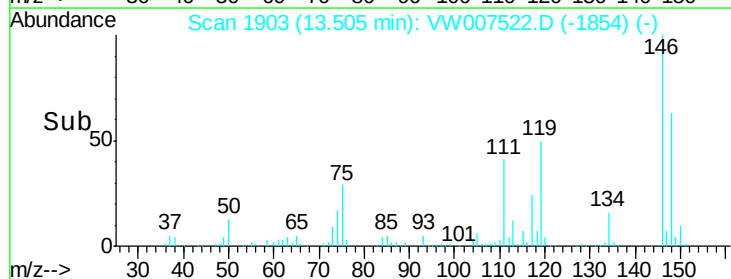
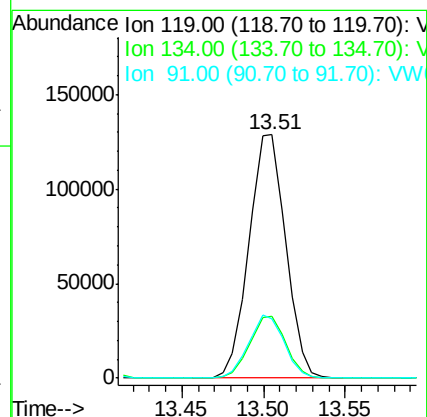
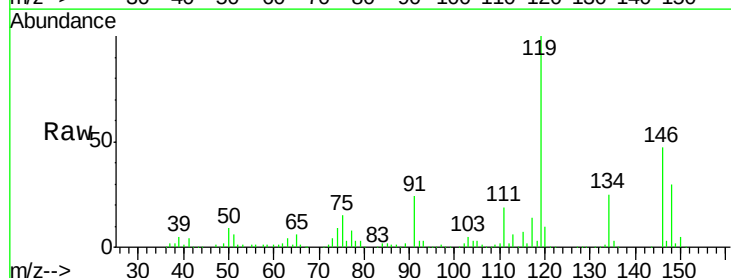
Tgt Ion:119 Resp: 202422

Ion Ratio Lower Upper

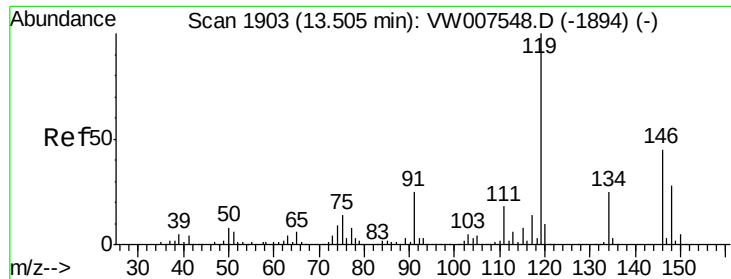
119 100

134 25.1 12.9 38.7

91 25.1 11.9 35.9







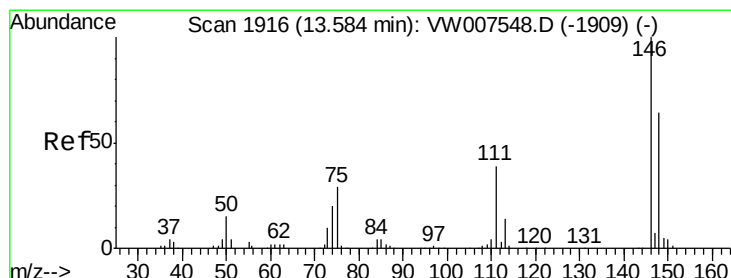
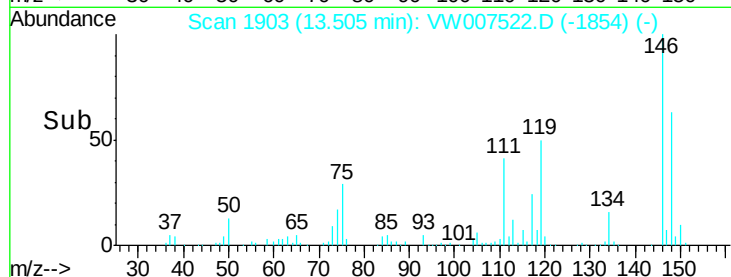
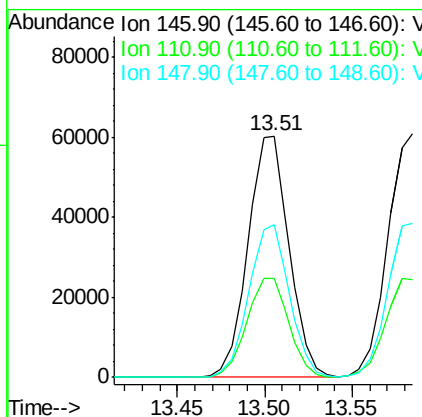
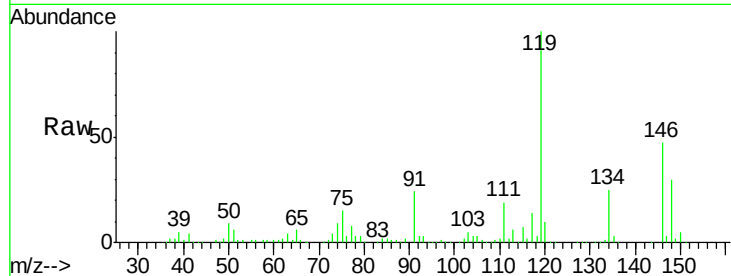
#87  
 1,3-Dichlorobenzene  
 Concen: 51.481 ug/l  
 RT: 13.51 min Scan# 1903  
 Delta R.T. -0.00 min  
 Lab File: VW007522.D  
 Acq: 14 Dec 2018 08:53

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.8  | 20.1  | 60.3  |
| 148     | 62.7  | 31.4  | 94.0  |

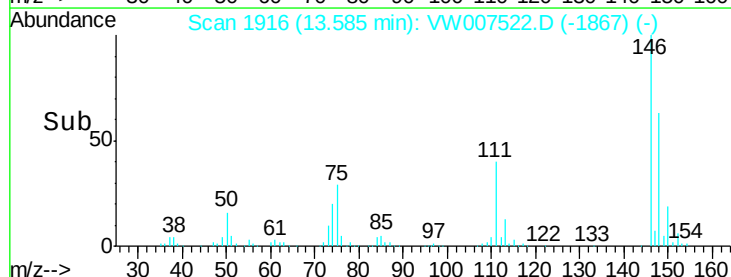
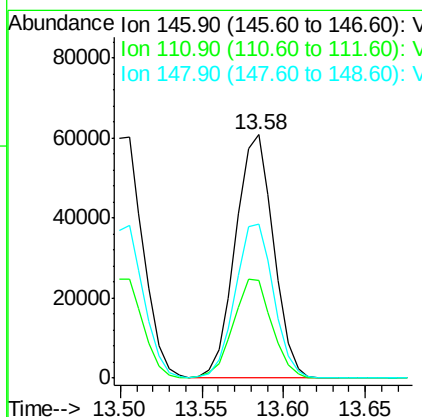
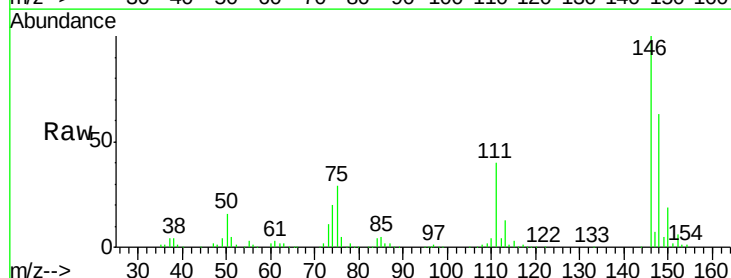
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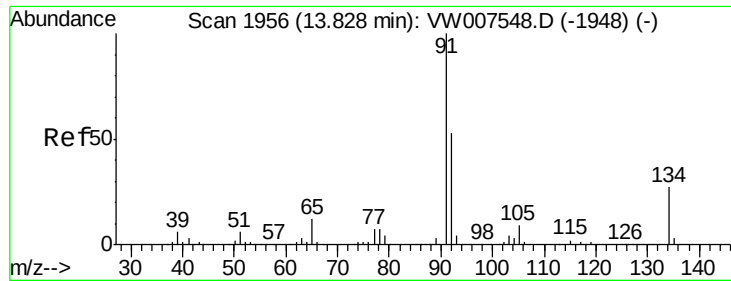
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#88  
 1,4-Dichlorobenzene  
 Concen: 51.356 ug/l  
 RT: 13.58 min Scan# 1916  
 Delta R.T. -0.00 min  
 Lab File: VW007522.D  
 Acq: 14 Dec 2018 08:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.5  | 20.3  | 61.0  |
| 148     | 63.5  | 33.5  | 100.5 |





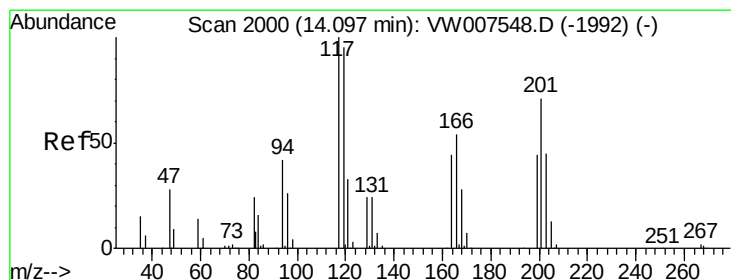
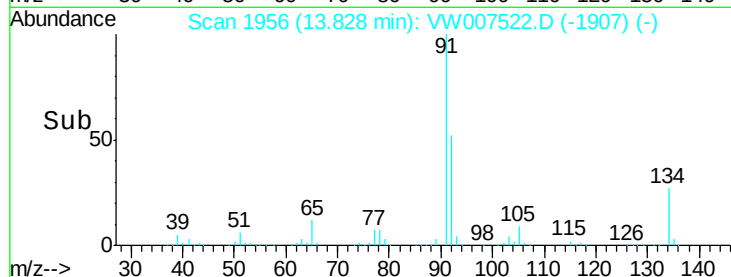
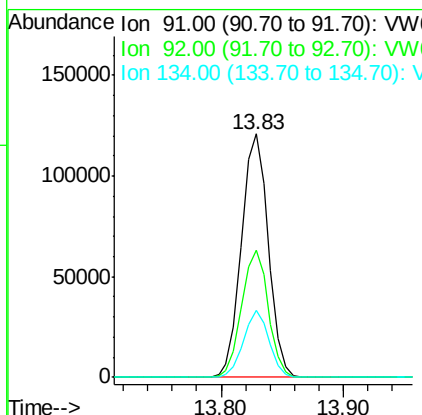
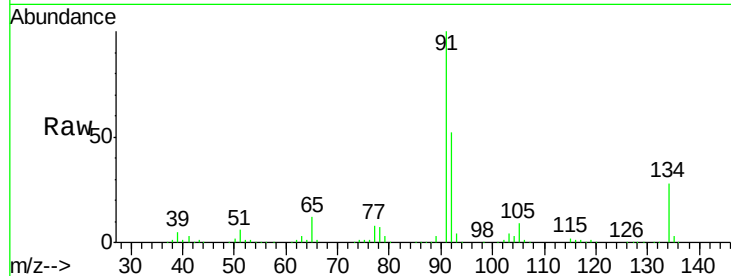
#89  
n-Butylbenzene  
Concen: 50.197 ug/l  
RT: 13.83 min Scan# 1956  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 51.8  | 25.7  | 77.1  |
| 134     | 26.3  | 13.4  | 40.2  |

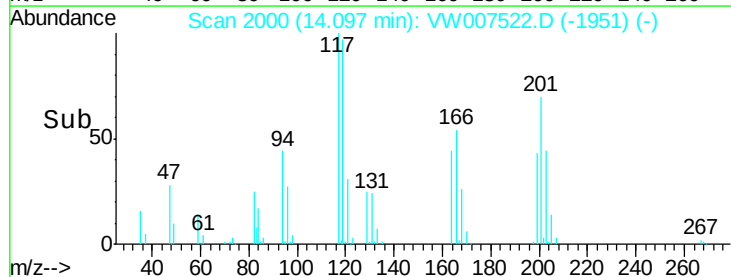
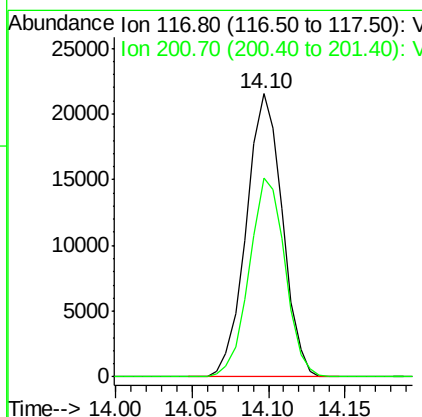
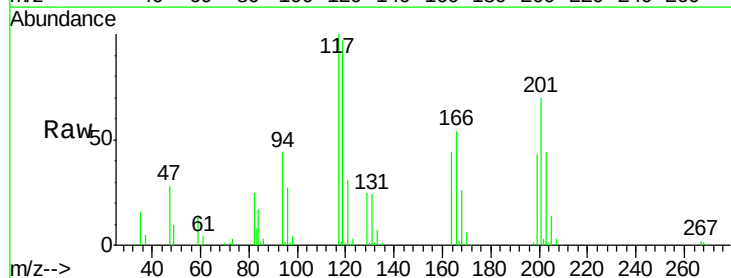
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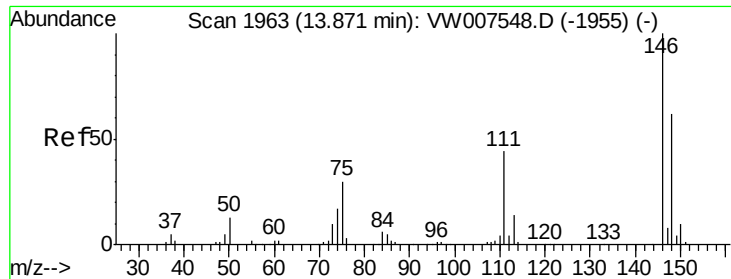
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#90  
Hexachloroethane  
Concen: 50.381 ug/l  
RT: 14.10 min Scan# 2000  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 69.8  | 35.3  | 105.9 |





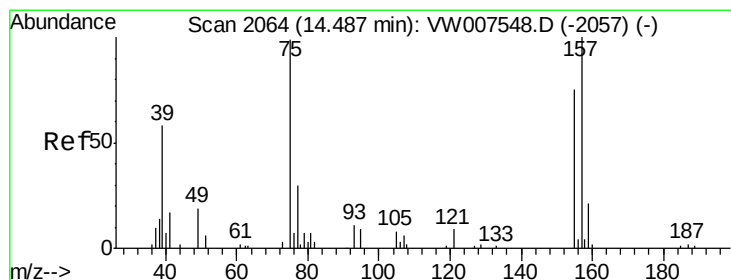
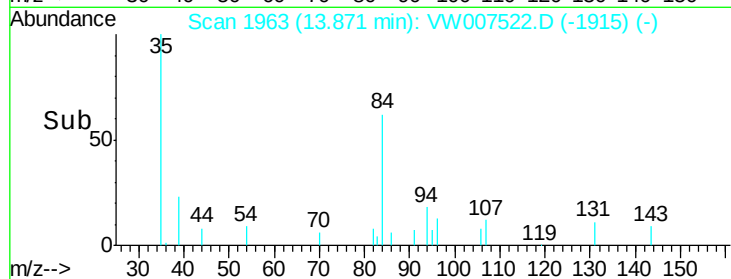
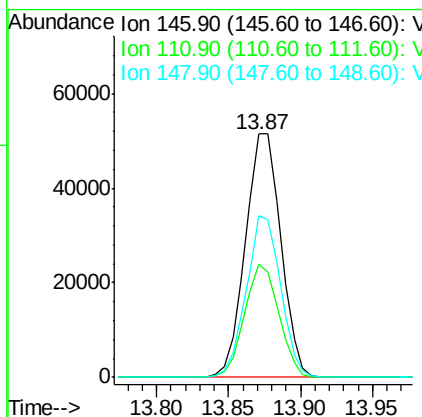
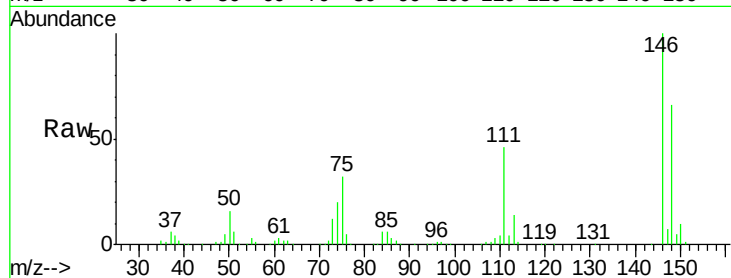
#91  
 1,2-Dichlorobenzene  
 Concen: 50.892 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. -0.01 min  
 Lab File: VW007522.D  
 Acq: 14 Dec 2018 08:53

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 45.0  | 22.4  | 67.2  |
| 148     | 64.2  | 32.4  | 97.2  |

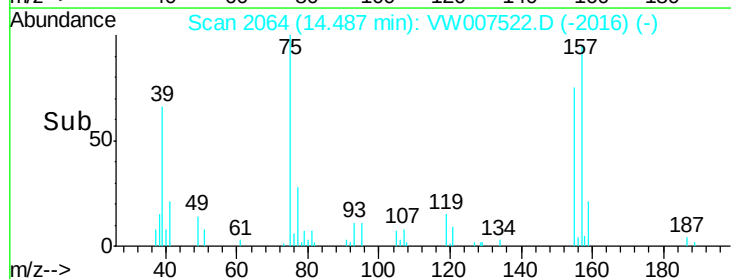
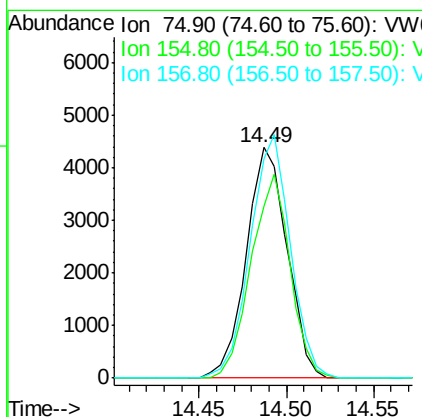
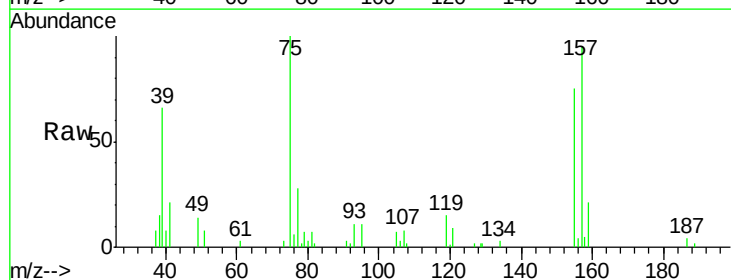
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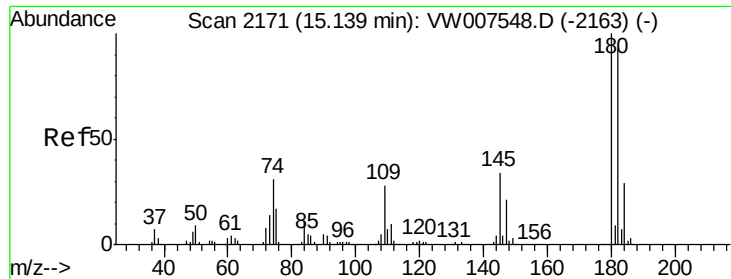
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 55.153 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. -0.01 min  
 Lab File: VW007522.D  
 Acq: 14 Dec 2018 08:53

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 84.6  | 40.8  | 122.2 |
| 157     | 103.5 | 51.1  | 153.4 |





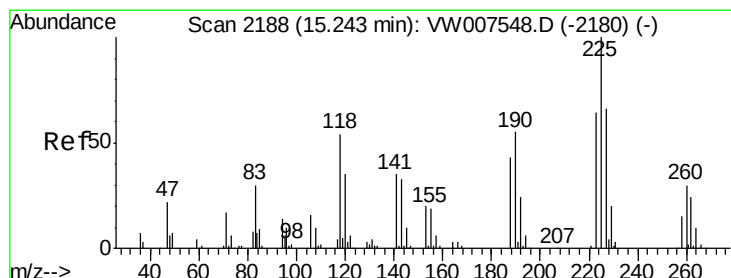
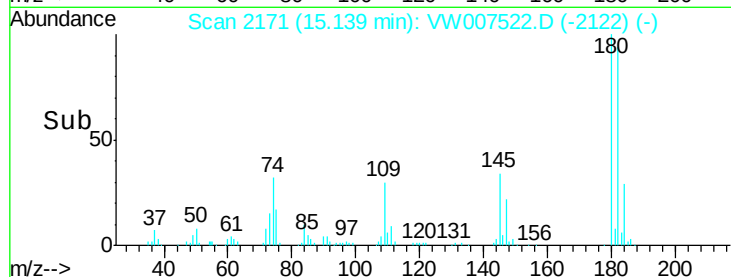
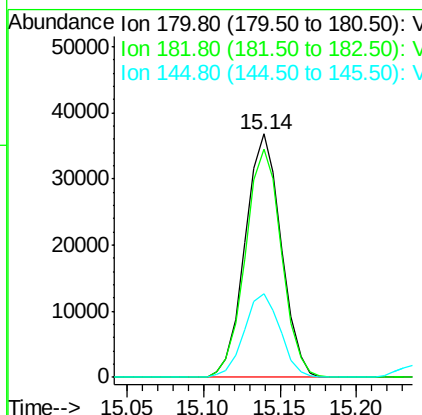
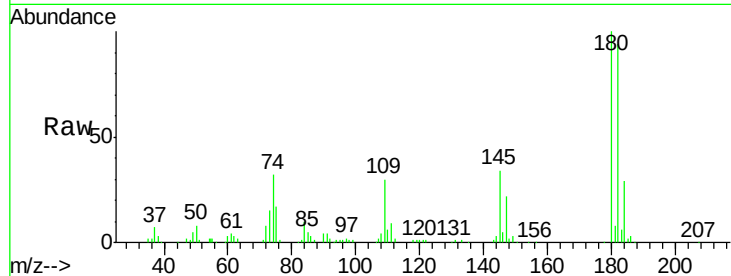
#93  
1,2,4-Trichlorobenzene  
Concen: 50.882 ug/l  
RT: 15.14 min Scan# 2171  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 180     | 100   |            |            |
| 182     | 94.1  | 49.9       | 149.6      |
| 145     | 34.5  | 17.8       | 53.4       |

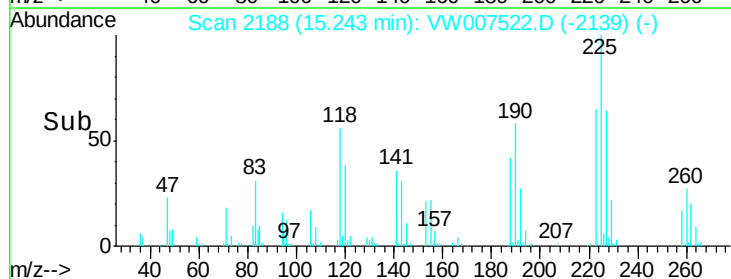
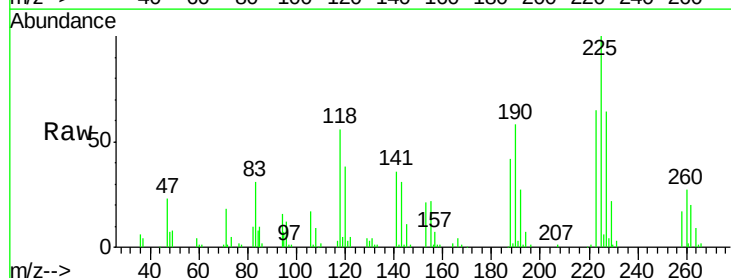
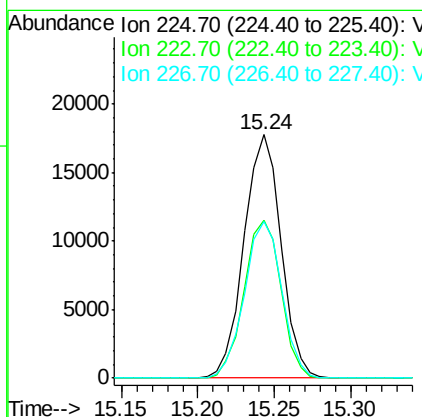
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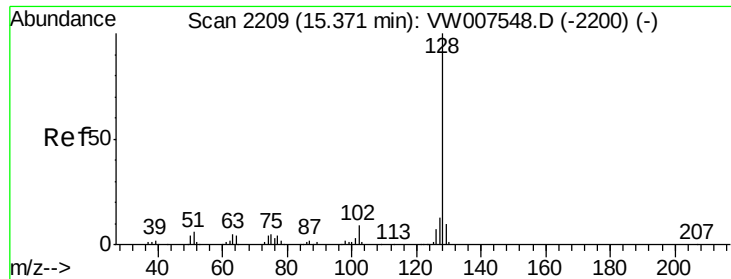
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#94  
Hexachlorobutadiene  
Concen: 47.701 ug/l  
RT: 15.24 min Scan# 2188  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 225     | 100   |            |            |
| 223     | 64.5  | 32.1       | 96.3       |
| 227     | 64.8  | 31.9       | 95.9       |





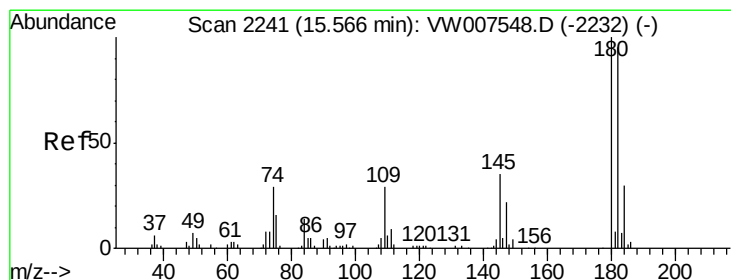
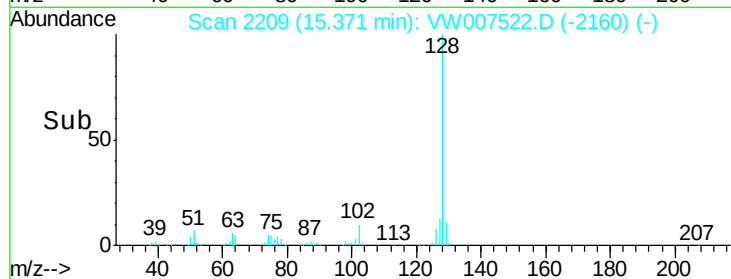
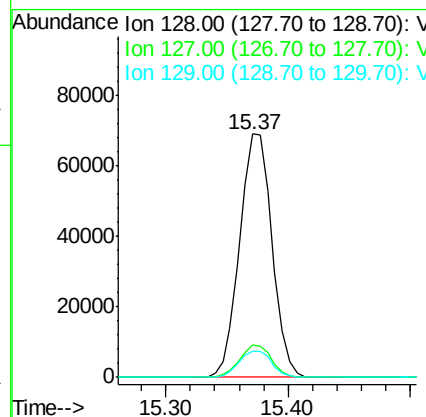
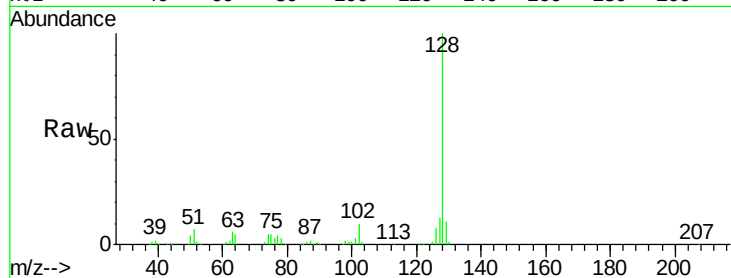
#95  
Naphthalene  
Concen: 55.730 ug/l  
RT: 15.37 min Scan# 2209  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 126210 |       |       |
| 127     | 13.1  | 10.2   | 15.4  |       |
| 129     | 11.2  | 8.3    | 12.5  |       |

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#96  
1,2,3-Trichlorobenzene  
Concen: 52.079 ug/l  
RT: 15.56 min Scan# 2240  
Delta R.T. -0.00 min  
Lab File: VW007522.D  
Acq: 14 Dec 2018 08:53

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 53556 |       |       |
| 182     | 94.5  | 45.6  | 136.7 |       |
| 145     | 36.6  | 17.5  | 52.5  |       |

