

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\  
 Data File : VW006994.D  
 Acq On : 21 Nov 2018 11:29  
 Operator : VAY/AP  
 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Manual Integrations  
 APPROVED

apatel  
 11/26/2018 12:16:19 PM

Quant Time: Nov 21 16:31:21 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W112118S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 21 03:23:02 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 7.95  | 168  | 122514   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 8.84  | 114  | 188388   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 11.63 | 117  | 177474   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 13.56 | 152  | 88370    | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 8.31   | 65  | 56401    | 47.02 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 94.04%  |      |
| 35) Dibromofluoromethane  | 7.88   | 113 | 52563    | 49.41 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.82%  |      |
| 50) Toluene-d8            | 10.32  | 98  | 243790   | 51.89 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.78% |      |
| 62) 4-Bromofluorobenzene  | 12.62  | 95  | 93035    | 50.32 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.64% |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 2.00 | 85  | 60971  | 50.405  | ug/l   | 98     |
| 3) Chloromethane              | 2.21 | 50  | 53701  | 53.271  | ug/l   | 99     |
| 4) Vinyl Chloride             | 2.36 | 62  | 53891  | 54.335  | ug/l   | 99     |
| 5) Bromomethane               | 2.78 | 94  | 28552  | 53.935  | ug/l   | 92     |
| 6) Chloroethane               | 2.92 | 64  | 29720  | 54.359  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 3.26 | 101 | 98157  | 50.329  | ug/l   | 98     |
| 8) Diethyl Ether              | 3.69 | 74  | 29563  | 47.043  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 4.07 | 101 | 60475  | 47.830  | ug/l   | 100    |
| 10) Methyl Iodide             | 4.28 | 142 | 67673  | 46.756  | ug/l   | 100    |
| 11) Tert butyl alcohol        | 5.20 | 59  | 18032  | 230.936 | ug/l # | 87     |
| 12) 1,1-Dichloroethene        | 4.04 | 96  | 56056  | 50.550  | ug/l   | 96     |
| 13) Acrolein                  | 3.90 | 56  | 20704  | 258.195 | ug/l   | 100    |
| 14) Allyl chloride            | 4.68 | 41  | 92686  | 50.392  | ug/l   | 99     |
| 15) Acrylonitrile             | 5.37 | 53  | 57692  | 244.258 | ug/l   | 99     |
| 16) Acetone                   | 4.14 | 43  | 38972  | 223.791 | ug/l   | 100    |
| 17) Carbon Disulfide          | 4.39 | 76  | 185696 | 51.796  | ug/l   | 100    |
| 18) Methyl Acetate            | 4.67 | 43  | 27819  | 44.858  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 5.43 | 73  | 138008 | 47.663  | ug/l   | 99     |
| 20) Methylene Chloride        | 4.92 | 84  | 67325  | 48.332  | ug/l   | 99     |
| 21) trans-1,2-Dichloroethene  | 5.43 | 96  | 62780  | 48.600  | ug/l   | 97     |
| 22) Diisopropyl ether         | 6.31 | 45  | 174491 | 48.741  | ug/l   | 98     |
| 23) Vinyl Acetate             | 6.26 | 43  | 473353 | 248.989 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 6.22 | 63  | 105057 | 48.239  | ug/l   | 99     |
| 25) 2-Butanone                | 7.18 | 43  | 68751  | 230.505 | ug/l   | 94     |
| 26) 2,2-Dichloropropane       | 7.17 | 77  | 97386  | 49.726  | ug/l   | 100    |
| 27) cis-1,2-Dichloroethene    | 7.17 | 96  | 66035  | 48.003  | ug/l   | 98     |
| 28) Bromochloromethane        | 7.52 | 49  | 40207  | 49.396  | ug/l # | 97     |
| 29) Tetrahydrofuran           | 7.53 | 42  | 45626  | 236.197 | ug/l   | 97     |
| 30) Chloroform                | 7.68 | 83  | 108178 | 46.755  | ug/l   | 99     |
| 31) Cyclohexane               | 7.96 | 56  | 112118 | 48.535  | ug/l   | 97     |
| 32) 1,1,1-Trichloroethane     | 7.87 | 97  | 103610 | 49.716  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 8.08 | 75  | 94234  | 51.188  | ug/l   | 100    |
| 37) Ethyl Acetate             | 7.26 | 43  | 31860  | 47.758  | ug/l   | 98     |
| 38) Carbon Tetrachloride      | 8.07 | 117 | 90311  | 51.229  | ug/l   | 98     |

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 Sample : VSTDCCC050  
 Misc : 5.00G/5ML/MSVOA W/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleID :  
 VSTDCCC050

Manual Integrations  
 APPROVED

apatel  
 11/26/2018 12:16:19 PM

Quant Time: Nov 21 16:31:21 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W112118S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Nov 21 03:23:02 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 39) Methylcyclohexane          | 9.34  | 83   | 118802   | 51.568   | ug/l   | 96       |
| 40) Benzene                    | 8.32  | 78   | 254032   | 51.120   | ug/l   | 98       |
| 41) Methacrylonitrile          | 7.48  | 41   | 20288    | 48.971   | ug/l   | 95       |
| 42) 1,2-Dichloroethane         | 8.40  | 62   | 68682    | 47.605   | ug/l   | 100      |
| 43) Isopropyl Acetate          | 8.43  | 43   | 62559    | 49.209   | ug/l   | 99       |
| 44) Trichloroethene            | 9.09  | 130  | 70122    | 50.338   | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 9.37  | 63   | 61076    | 49.859   | ug/l   | 99       |
| 46) Dibromomethane             | 9.46  | 93   | 29744    | 48.487   | ug/l   | 99       |
| 47) Bromodichloromethane       | 9.65  | 83   | 79502    | 49.189   | ug/l   | 97       |
| 48) Methyl methacrylate        | 9.43  | 41   | 30510    | 49.773   | ug/l   | 99       |
| 49) 1,4-Dioxane                | 9.46  | 88   | 9810     | 1075.924 | ug/l # | 94       |
| 51) 4-Methyl-2-Pentanone       | 10.21 | 43   | 158786   | 247.157  | ug/l   | 99       |
| 52) Toluene                    | 10.39 | 92   | 177140   | 52.379   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 10.61 | 75   | 79092    | 50.516   | ug/l   | 98       |
| 54) cis-1,3-Dichloropropene    | 10.07 | 75   | 95793    | 50.642   | ug/l   | 100      |
| 55) 1,1,2-Trichloroethane      | 10.79 | 97   | 42728    | 47.342   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 10.65 | 69   | 55255    | 52.742   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 10.93 | 76   | 73735    | 48.750   | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 9.93  | 63   | 122757   | 224.232  | ug/l   | 99       |
| 59) 2-Hexanone                 | 10.97 | 43   | 114794   | 260.928  | ug/l   | 100      |
| 60) Dibromochloromethane       | 11.13 | 129  | 51388    | 49.968   | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 11.24 | 107  | 40379    | 48.907   | ug/l   | 99       |
| 64) Tetrachloroethene          | 10.87 | 164  | 58278    | 51.044   | ug/l   | 97       |
| 65) Chlorobenzene              | 11.66 | 112  | 189164   | 51.068   | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 11.73 | 131  | 57183    | 51.032   | ug/l   | 100      |
| 67) Ethyl Benzene              | 11.73 | 91   | 355961   | 52.311   | ug/l   | 98       |
| 68) m/p-Xylenes                | 11.84 | 106  | 276294   | 103.492  | ug/l   | 100      |
| 69) o-Xylene                   | 12.17 | 106  | 130218   | 51.729   | ug/l   | 100      |
| 70) Styrene                    | 12.18 | 104  | 207391   | 51.764   | ug/l   | 99       |
| 71) Bromoform                  | 12.35 | 173  | 26829    | 50.826   | ug/l # | 100      |
| 73) Isopropylbenzene           | 12.47 | 105  | 359632   | 52.363   | ug/l   | 99       |
| 74) N-amyl acetate             | 12.27 | 43   | 60366    | 52.443   | ug/l   | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 12.72 | 83   | 45308    | 49.570   | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 12.77 | 75   | 33590m   | 48.372   | ug/l   |          |
| 77) Bromobenzene               | 12.75 | 156  | 74635    | 50.596   | ug/l   | 99       |
| 78) n-propylbenzene            | 12.81 | 91   | 432418   | 51.978   | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 12.90 | 91   | 243803   | 50.826   | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 12.94 | 105  | 307508   | 51.777   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 12.52 | 75   | 13913    | 50.302   | ug/l   | 95       |
| 82) 4-Chlorotoluene            | 12.99 | 91   | 258544   | 51.362   | ug/l   | 99       |
| 83) tert-Butylbenzene          | 13.21 | 119  | 266114   | 51.753   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 13.26 | 105  | 304049   | 51.384   | ug/l   | 98       |
| 85) sec-Butylbenzene           | 13.39 | 105  | 375997   | 51.760   | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 13.51 | 119  | 333158   | 51.986   | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 13.51 | 146  | 153678   | 51.030   | ug/l   | 100      |
| 88) 1,4-Dichlorobenzene        | 13.58 | 146  | 153561   | 51.143   | ug/l   | 99       |
| 89) n-Butylbenzene             | 13.83 | 91   | 318117   | 52.748   | ug/l   | 99       |
| 90) Hexachloroethane           | 14.10 | 117  | 48618    | 51.963   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 13.87 | 146  | 135466   | 51.337   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 14.49 | 75   | 7814     | 50.619   | ug/l   | 95       |

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Acq On : 21 Nov 2018 11:29  
Operator : VAY/AP  
Sample : VSTDCCC050  
Misc : 5.00G/5ML/MSVOA W/SOIL  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Manual Integrations  
APPROVED

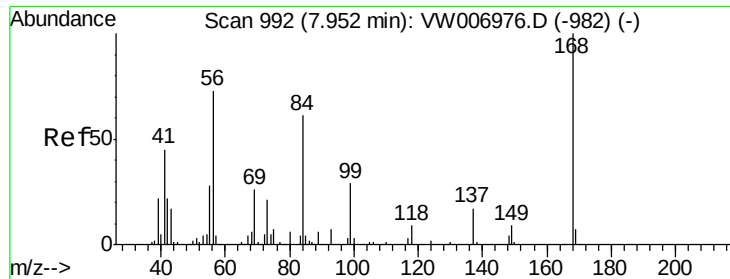
apatel  
11/26/2018 12:16:19 PM

Quant Time: Nov 21 16:31:21 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_W\METHOD\82W112118S.M  
Quant Title : SW846 8260  
QLast Update : Wed Nov 21 03:23:02 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 15.14 | 180  | 87230    | 50.131 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 15.24 | 225  | 48025    | 50.770 | ug/l  | 98       |
| 95) Naphthalene            | 15.38 | 128  | 156658   | 49.598 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 15.57 | 180  | 73120    | 50.651 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 122514

Ion Ratio Lower Upper

168 100

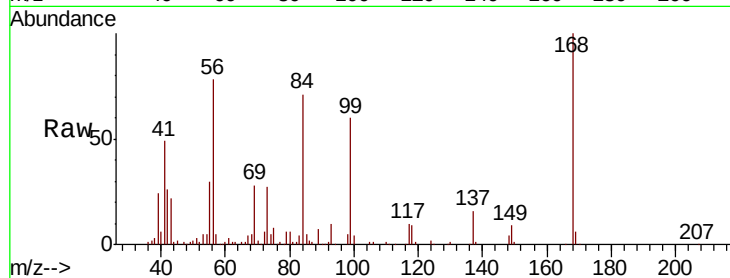
99 59.6 48.2 72.4

Manual Integrations

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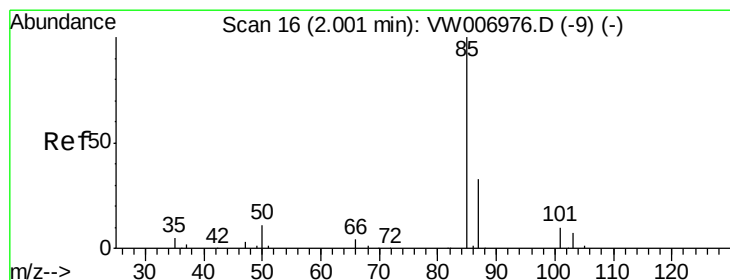
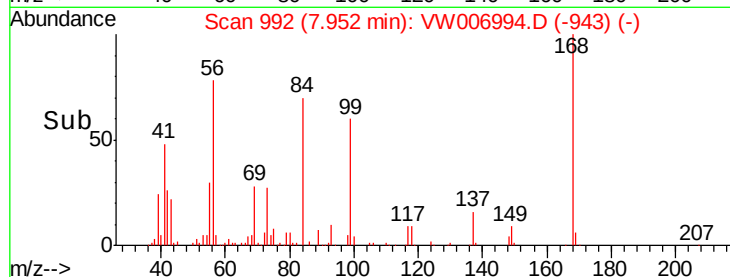
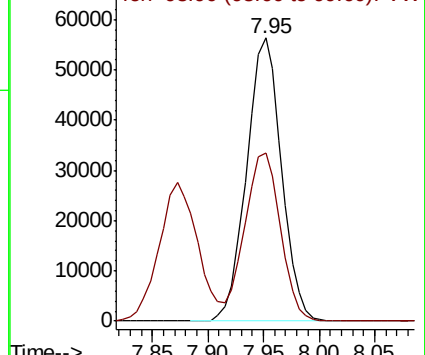
apatel

11/26/2018 12:16:19 PM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 50.405 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.00 min

Lab File: VW006994.D

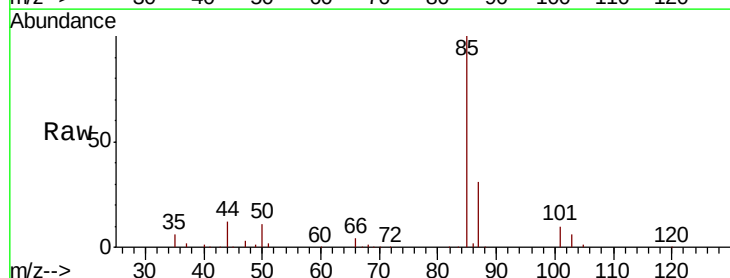
Acq: 21 Nov 2018 11:29

Tgt Ion: 85 Resp: 60971

Ion Ratio Lower Upper

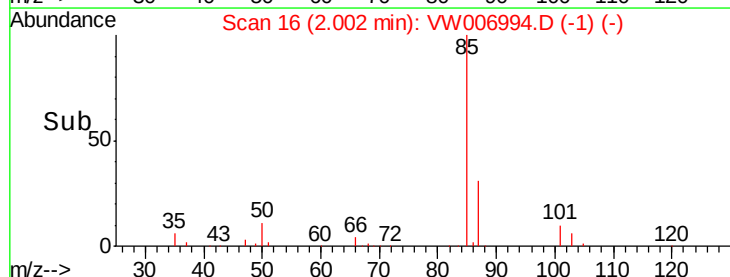
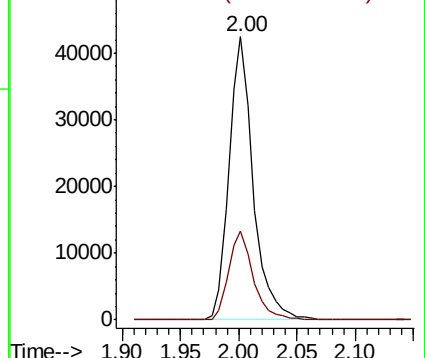
85 100

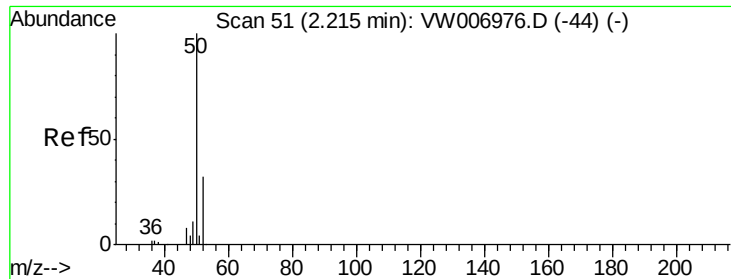
87 31.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 53.271 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 53701

Ion Ratio Lower Upper

50 100

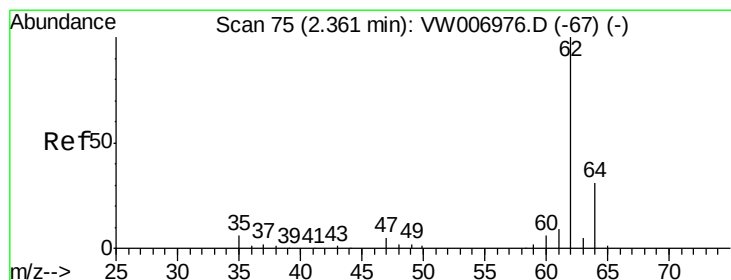
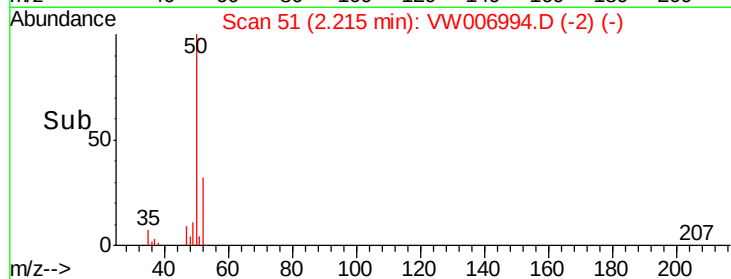
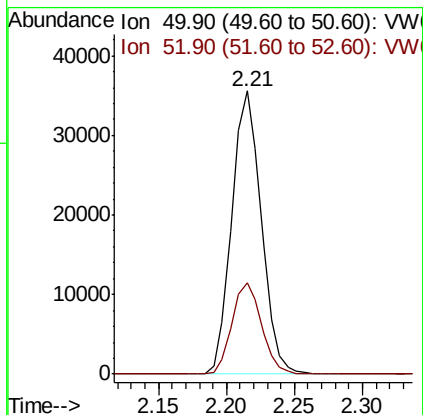
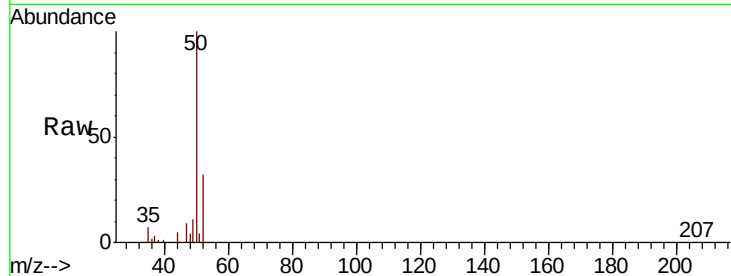
52 32.4 25.7 38.5

Manual Integrations

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#4

Vinyl Chloride

Concen: 54.335 ug/l

RT: 2.36 min Scan# 75

Delta R.T. 0.00 min

Lab File: VW006994.D

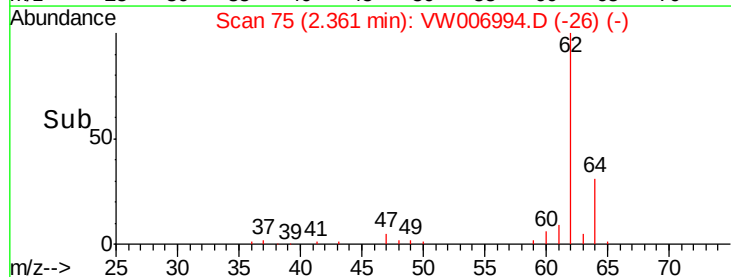
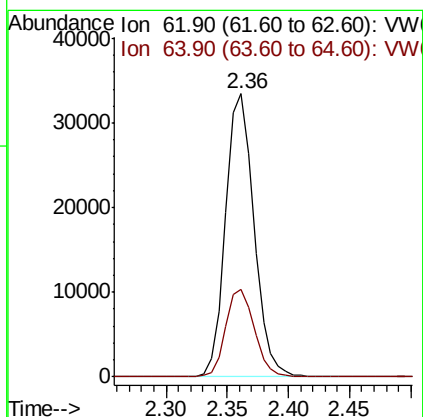
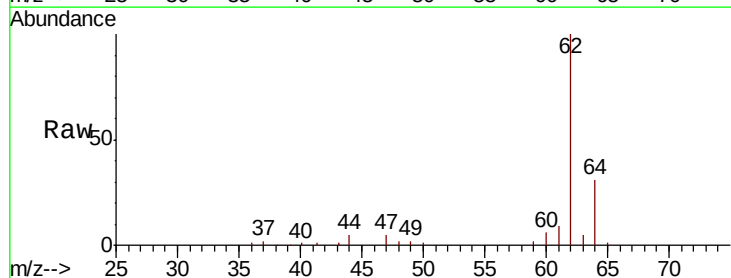
Acq: 21 Nov 2018 11:29

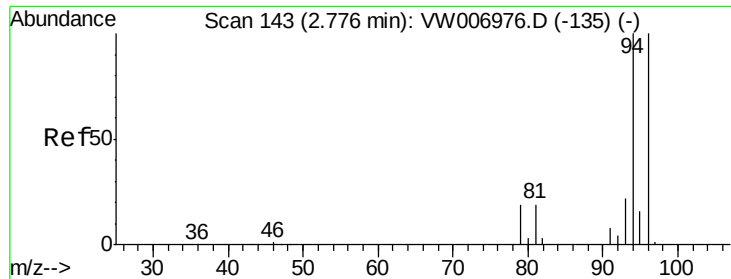
Tgt Ion: 62 Resp: 53891

Ion Ratio Lower Upper

62 100

64 30.9 25.2 37.8





#5

Bromomethane

Concen: 53.935 ug/l

RT: 2.78 min Scan# 143

Delta R.T. 0.00 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 28552

Ion Ratio Lower Upper

94 100

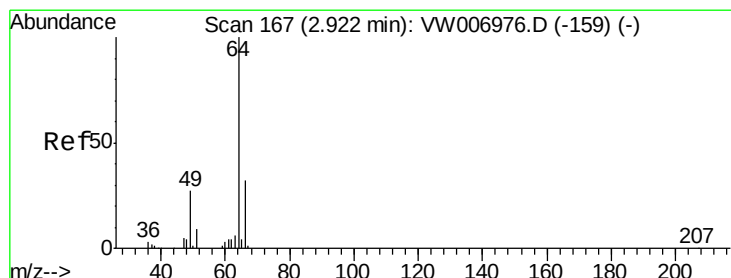
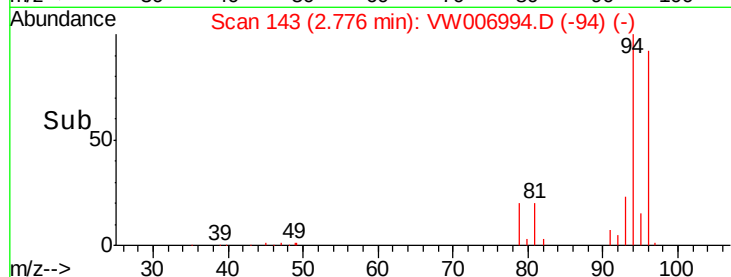
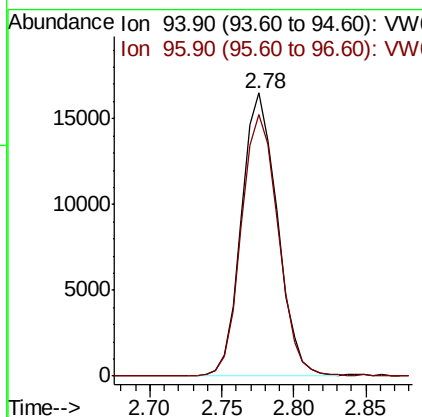
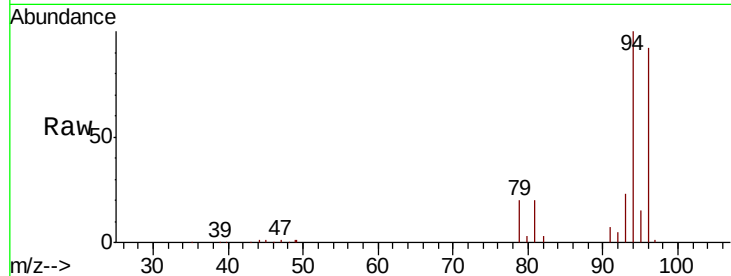
96 92.4 80.2 120.2

Manual Integrations

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#6

Chloroethane

Concen: 54.359 ug/l

RT: 2.92 min Scan# 167

Delta R.T. 0.00 min

Lab File: VW006994.D

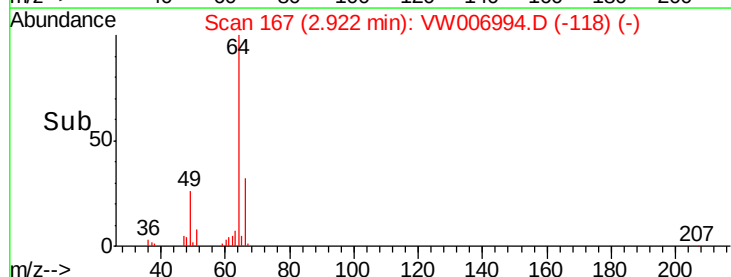
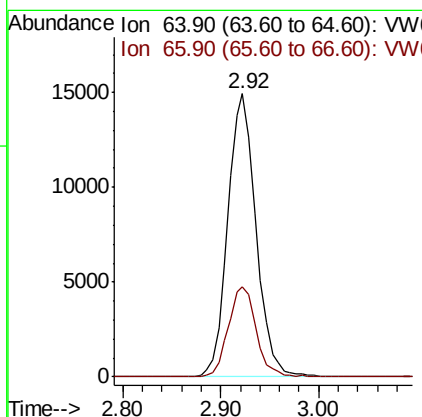
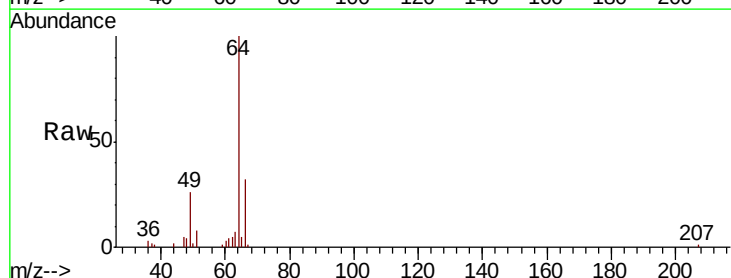
Acq: 21 Nov 2018 11:29

Tgt Ion: 64 Resp: 29720

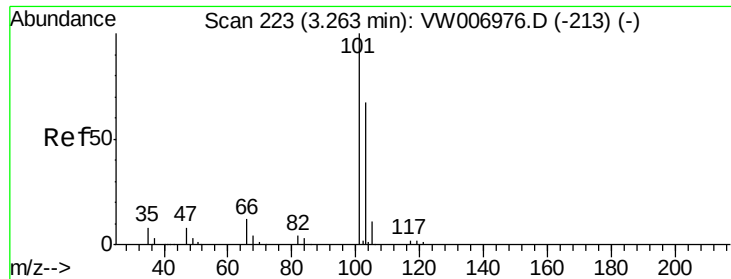
Ion Ratio Lower Upper

64 100

66 31.9 25.3 37.9







#7

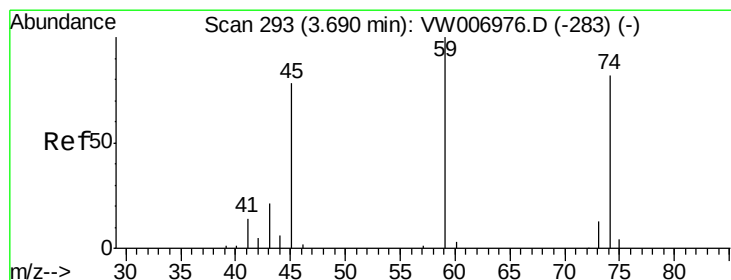
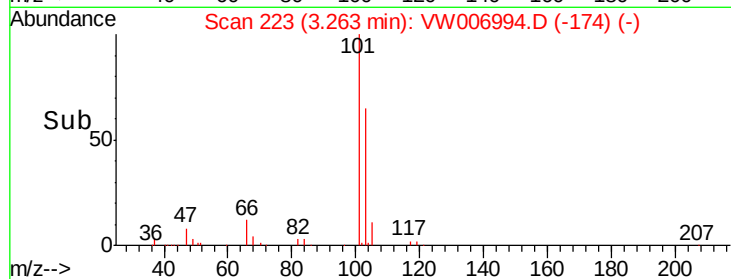
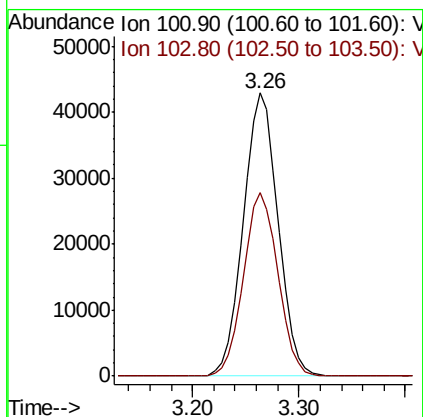
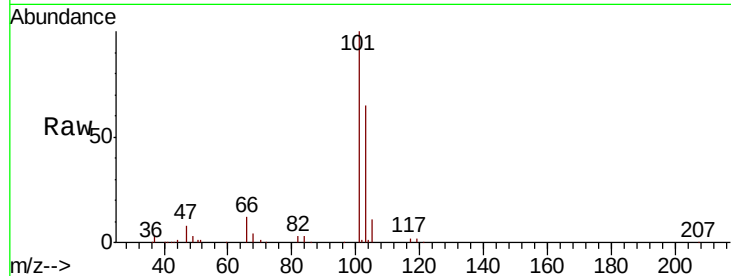
Trichlorofluoromethane  
 Concen: 50.329 ug/l  
 RT: 3.26 min Scan# 223  
 Delta R.T. 0.00 min  
 Lab File: VW006994.D  
 Acq: 21 Nov 2018 11:29

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 64.9  | 53.4  | 80.2  |

Manual Integrations  
 APPROVED

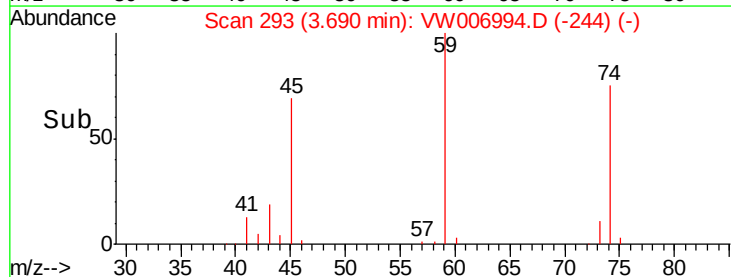
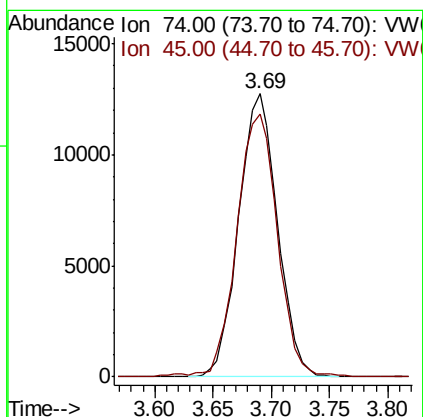
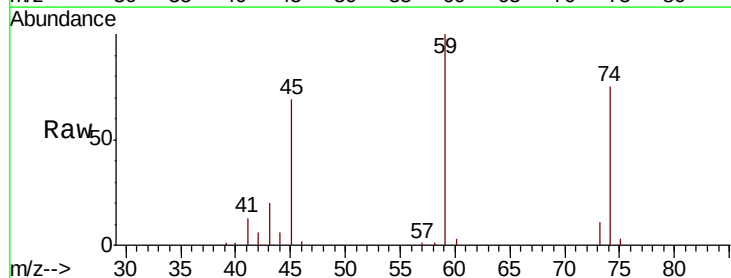
apatel  
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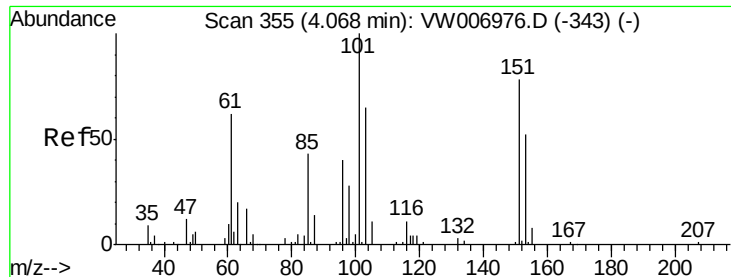
#8

Diethyl Ether  
 Concen: 47.043 ug/l  
 RT: 3.69 min Scan# 293  
 Delta R.T. 0.00 min  
 Lab File: VW006994.D  
 Acq: 21 Nov 2018 11:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 97.7  | 48.4  | 145.2 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.830 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.00 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

Instrument :

MSVOA\_W

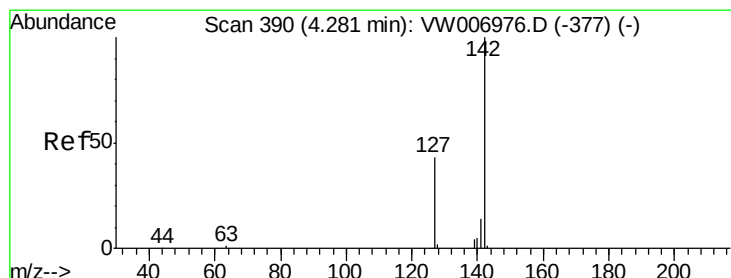
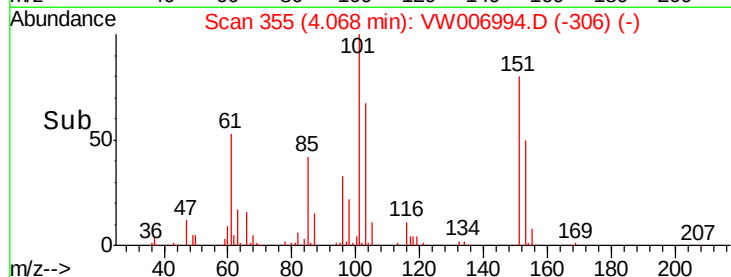
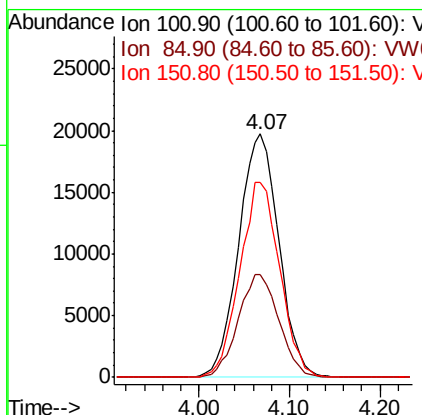
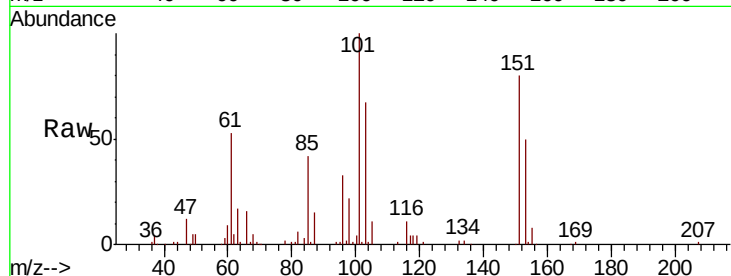
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 60475 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 42.7  | 34.3  | 51.5  |
| 151       | 79.8  | 63.4  | 95.2  |

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#10

Methyl Iodide

Concen: 46.756 ug/l

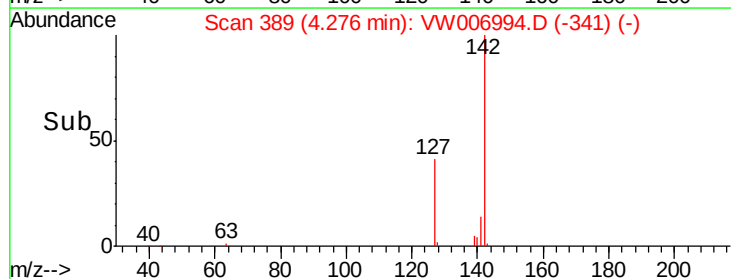
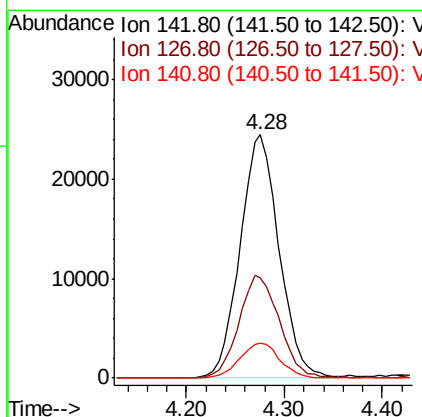
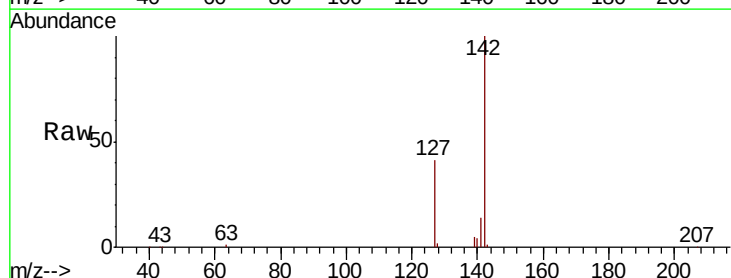
RT: 4.28 min Scan# 389

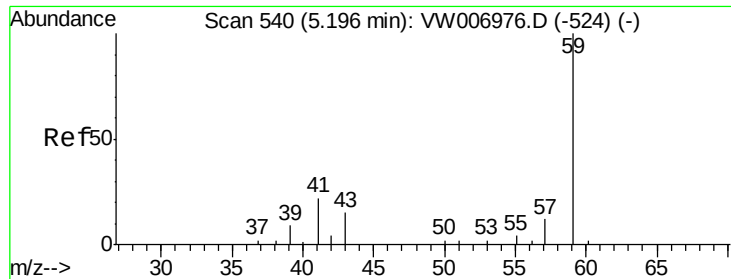
Delta R.T. -0.01 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 142   | Resp: | 67673 |
| Ion Ratio | Lower | Upper |       |
| 142       | 100   |       |       |
| 127       | 43.9  | 35.3  | 52.9  |
| 141       | 14.7  | 11.7  | 17.5  |





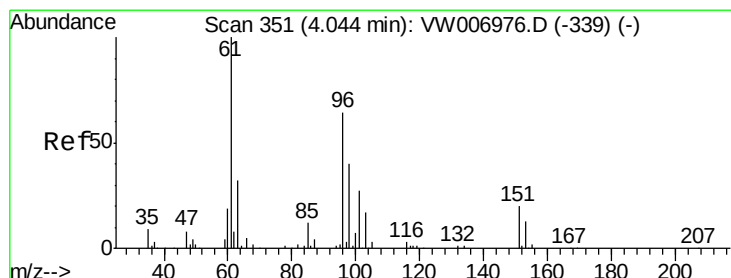
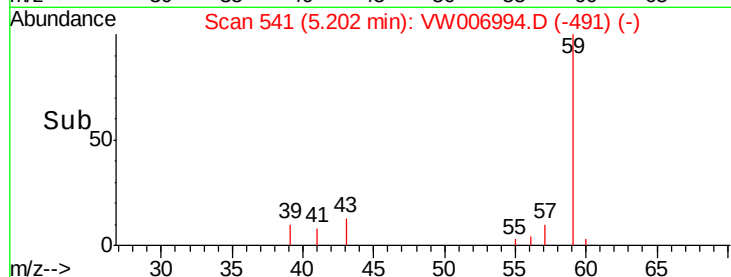
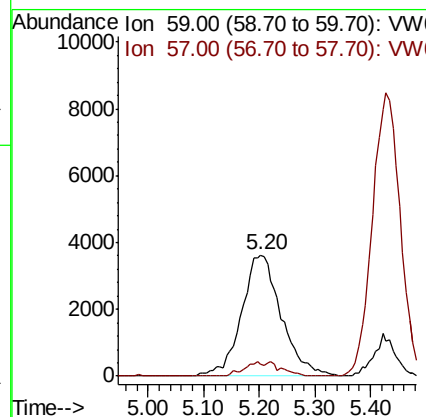
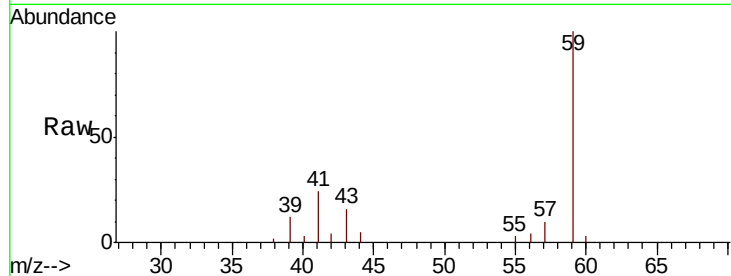
#11  
Tert butyl alcohol  
Concen: 230.936 ug/l  
RT: 5.20 min Scan# 541  
Delta R.T. 0.01 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 59      | 100   | 18032 |       |       |
| 57      | 5.9   | 8.6   | 13.0# |       |

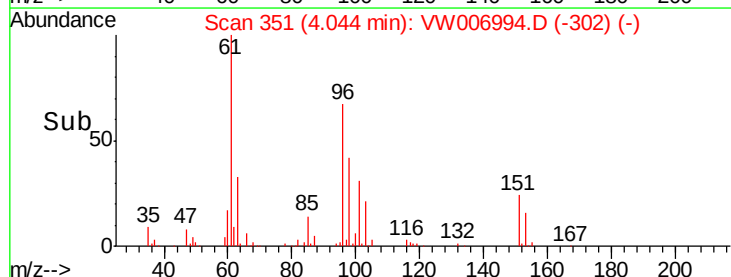
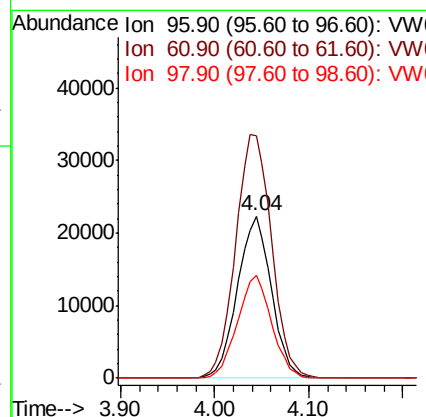
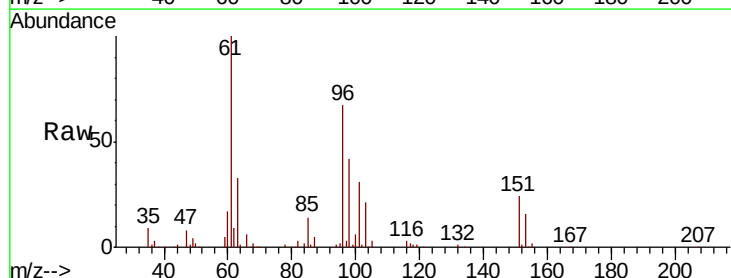
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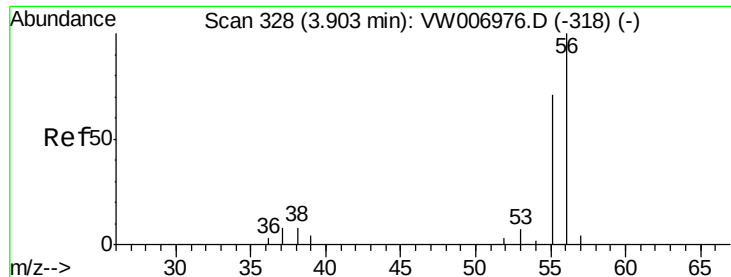
apatel  
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#12  
1,1-Dichloroethene  
Concen: 50.550 ug/l  
RT: 4.04 min Scan# 351  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 56056 |       |       |
| 61      | 149.9 | 124.3 | 186.5 |       |
| 98      | 63.6  | 49.4  | 74.2  |       |





#13

Acrolein

Concen: 258.195 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.00 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 20704

Ion Ratio Lower Upper

56 100

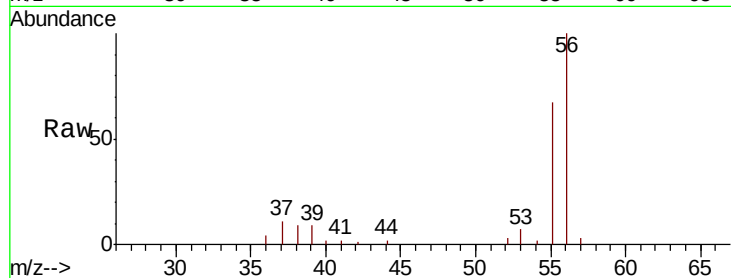
55 72.0 57.5 86.3

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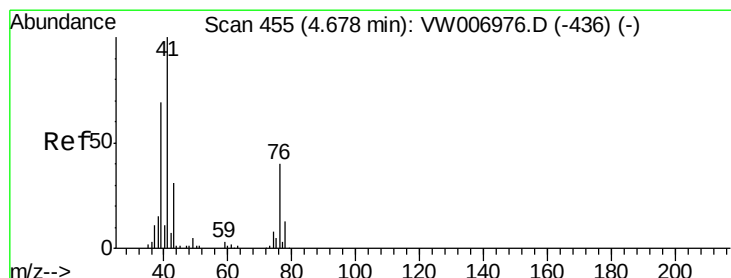
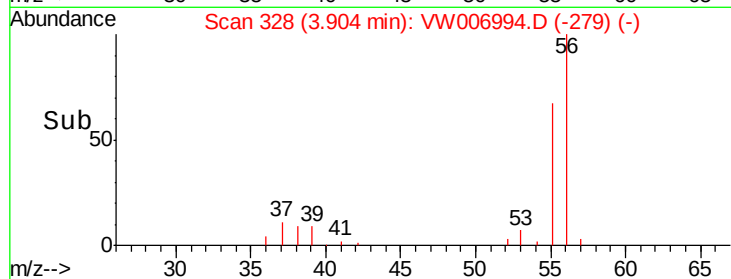
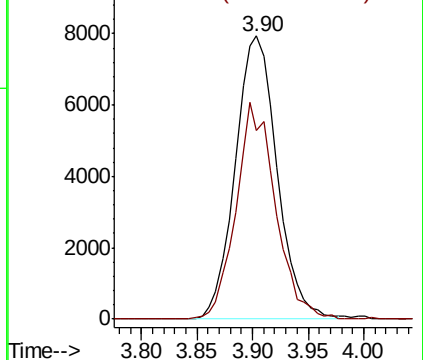
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 50.392 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.00 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

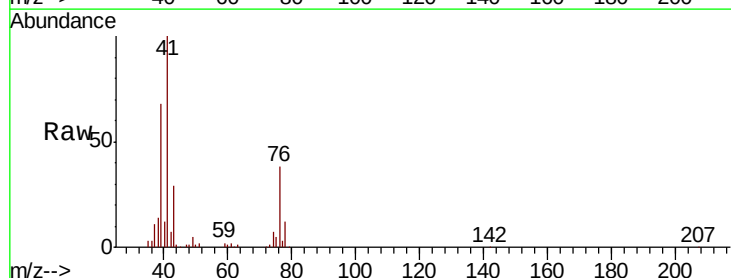
Tgt Ion: 41 Resp: 92686

Ion Ratio Lower Upper

41 100

39 69.0 55.4 83.2

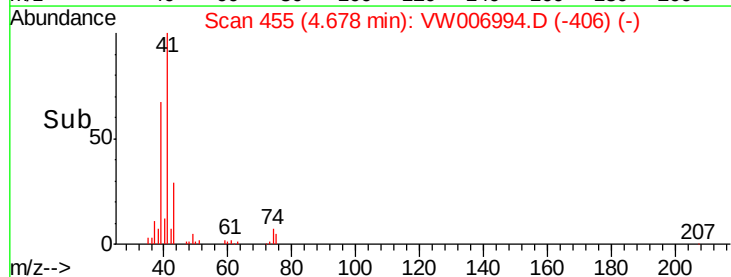
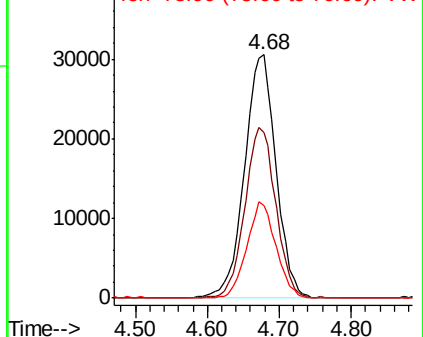
76 36.5 29.6 44.4

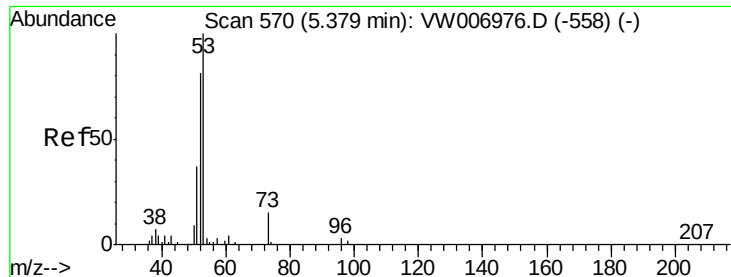


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 244.258 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

Instrument :

MSVOA\_W

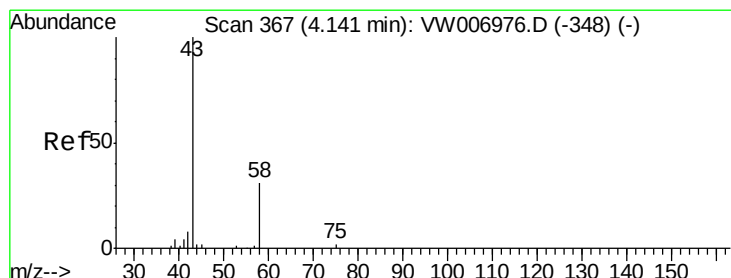
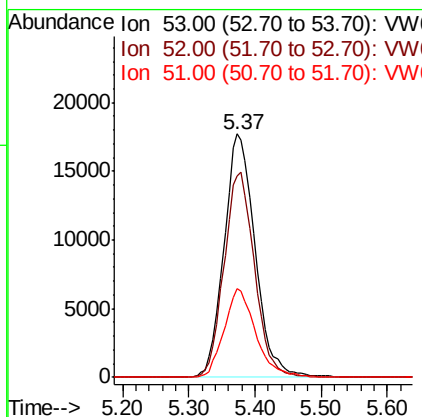
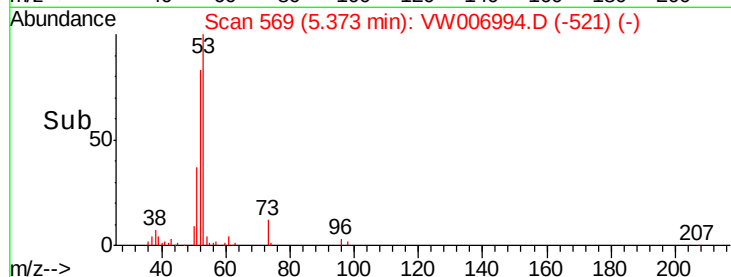
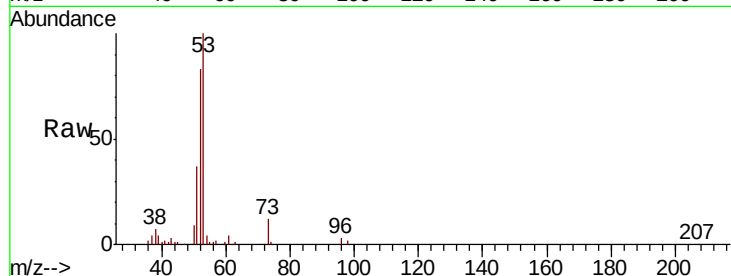
ClientSampleId :

VSTDCCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 53    | Resp: | 57692 |
| Ion Ratio | Lower | Upper |       |
| 53        | 100   |       |       |
| 52        | 82.5  | 65.7  | 98.5  |
| 51        | 37.0  | 29.9  | 44.9  |

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#16

Acetone

Concen: 223.791 ug/l

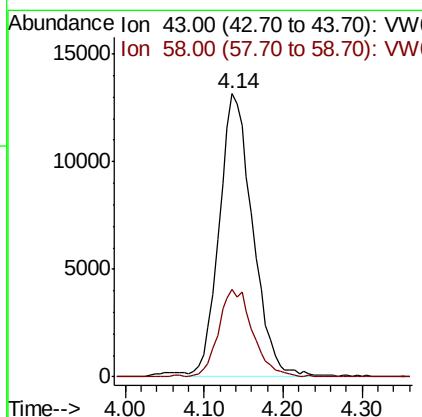
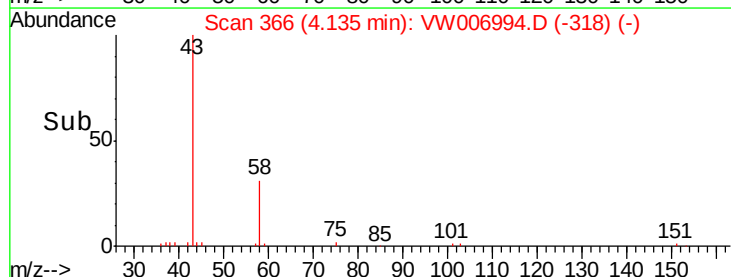
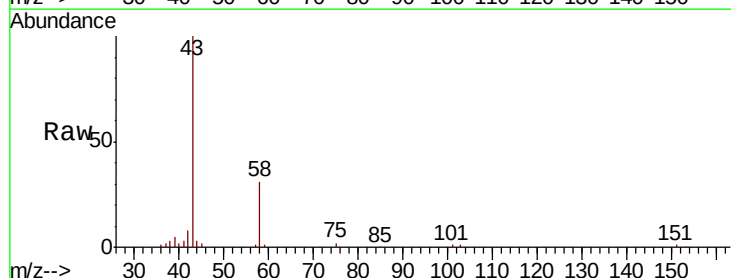
RT: 4.14 min Scan# 366

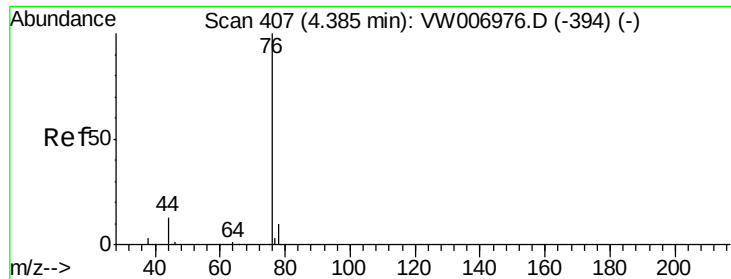
Delta R.T. -0.01 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 38972 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 58        | 30.8  | 24.8  | 37.2  |





#17

Carbon Disulfide

Concen: 51.796 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.00 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 185696

Ion Ratio Lower Upper

76 100

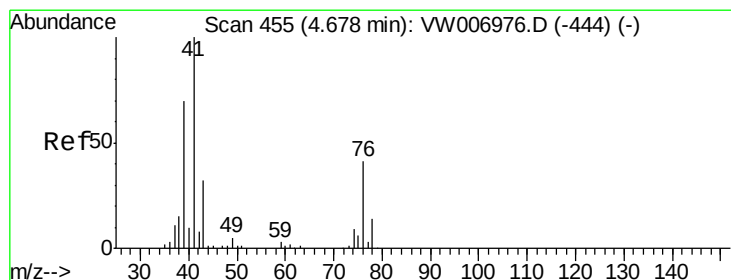
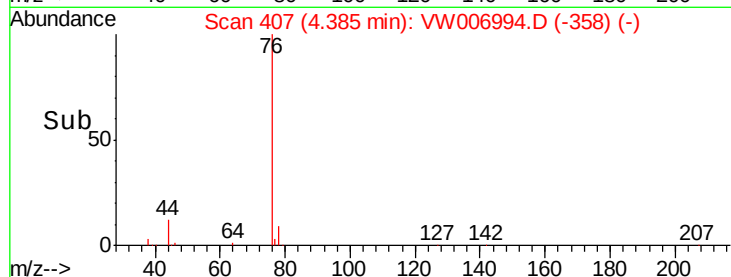
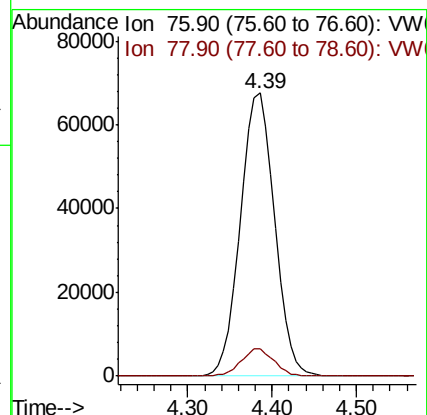
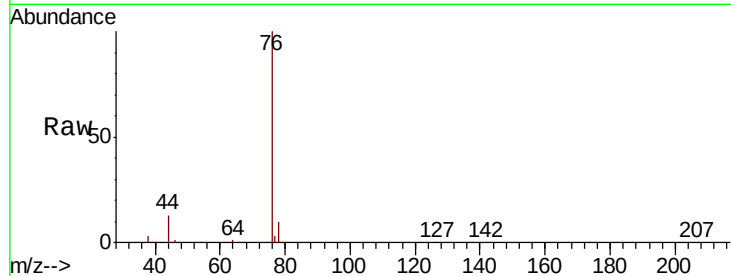
78 9.8 7.8 11.6

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#18

Methyl Acetate

Concen: 44.858 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW006994.D

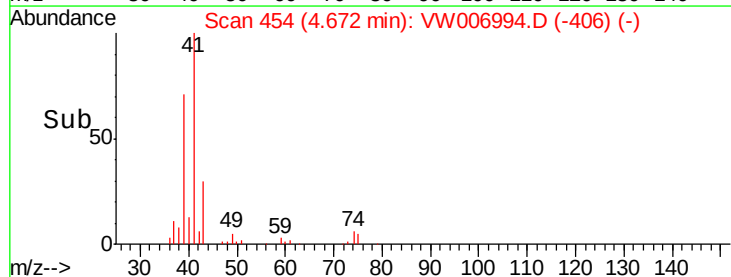
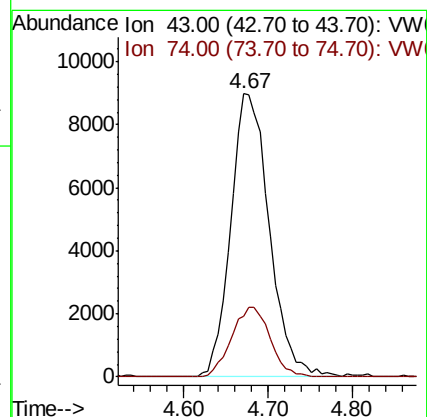
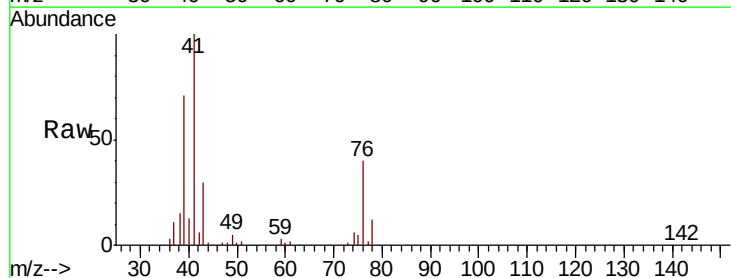
Acq: 21 Nov 2018 11:29

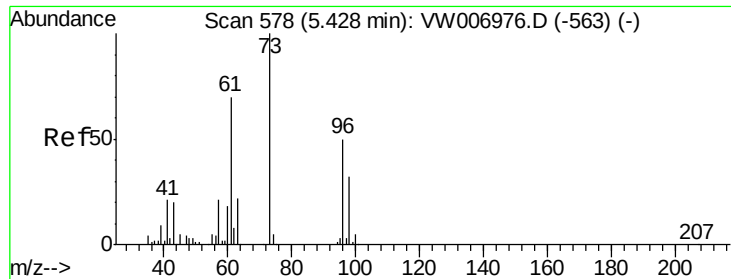
Tgt Ion: 43 Resp: 27819

Ion Ratio Lower Upper

43 100

74 24.6 20.1 30.1





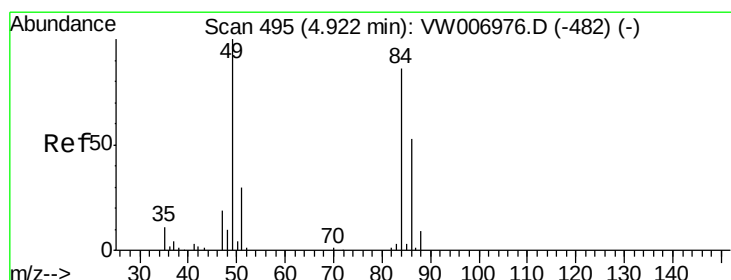
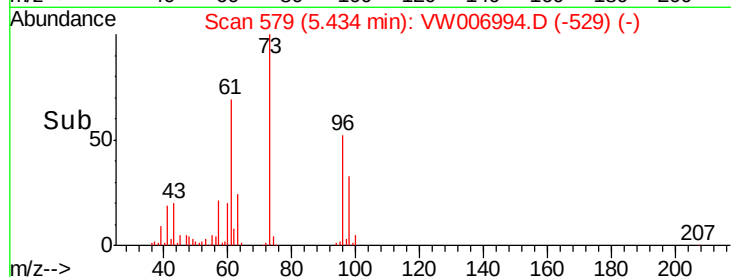
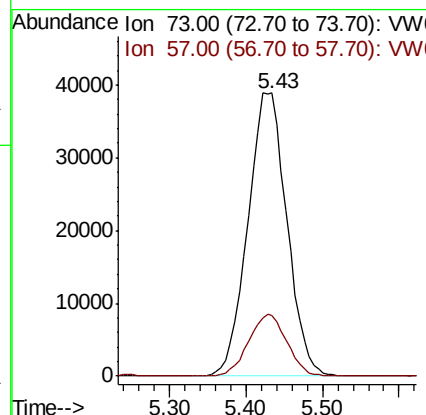
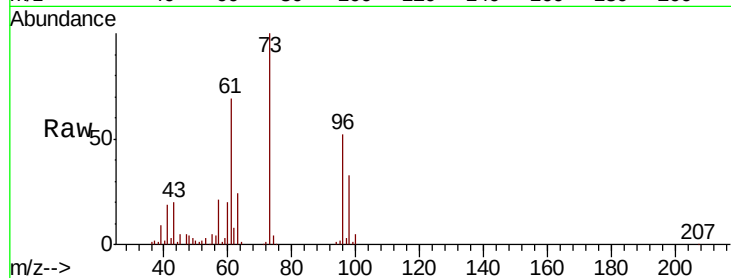
#19  
Methyl tert-butyl Ether  
Concen: 47.663 ug/l  
RT: 5.43 min Scan# 579  
Delta R.T. 0.01 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tot Ion: 73 Resp: 138008  
Ion Ratio Lower Upper  
73 100  
57 21.2 16.7 25.1

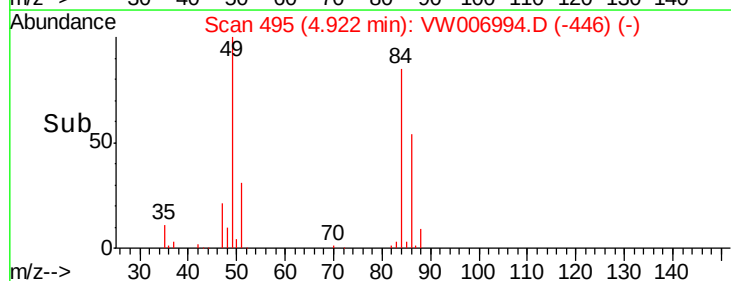
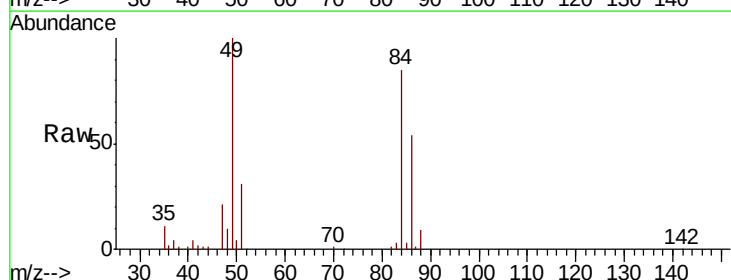
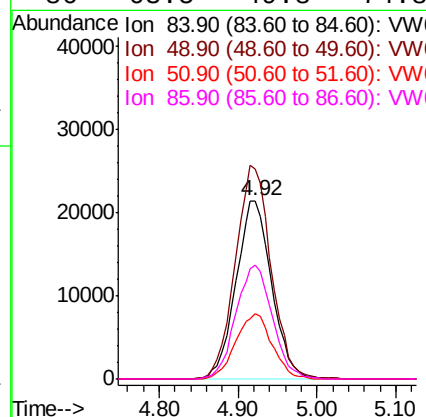
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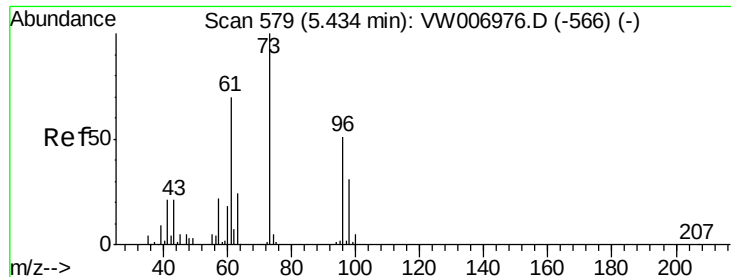
apatel  
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#20  
Methylene Chloride  
Concen: 48.332 ug/l  
RT: 4.92 min Scan# 495  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

Tgt Ion: 84 Resp: 67325  
Ion Ratio Lower Upper  
84 100  
49 117.5 93.4 140.0  
51 36.4 28.4 42.6  
86 63.5 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 48.600 ug/l

RT: 5.43 min Scan# 578

Delta R.T. -0.01 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

Instrument :

MSVOA\_W

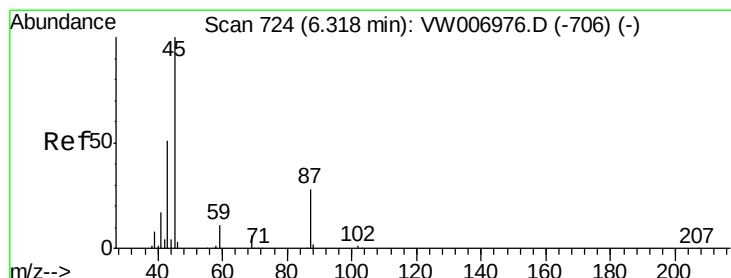
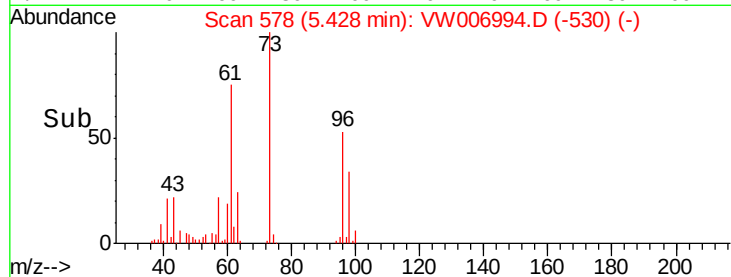
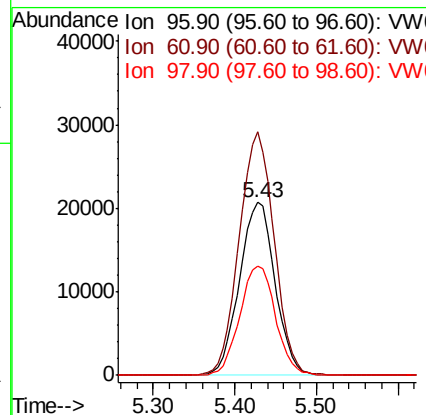
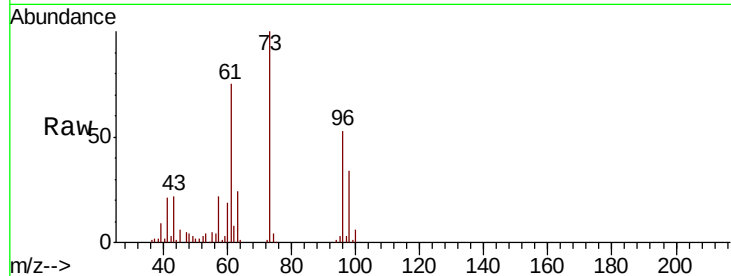
ClientSampleId :

VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 140.7 | 109.4 | 164.0 |
| 98      | 62.8  | 48.3  | 72.5  |

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#22

Diisopropyl ether

Concen: 48.741 ug/l

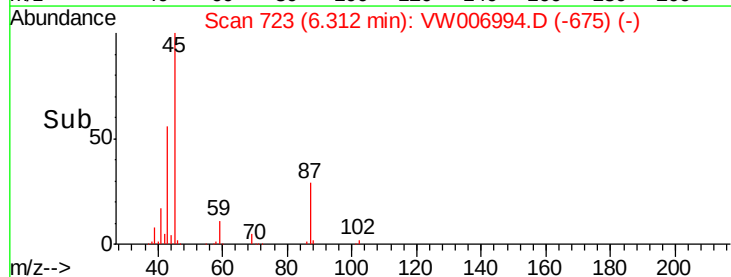
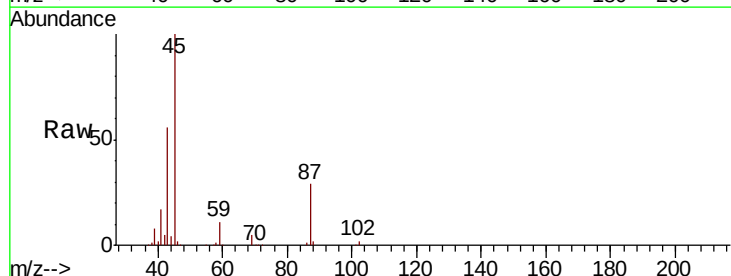
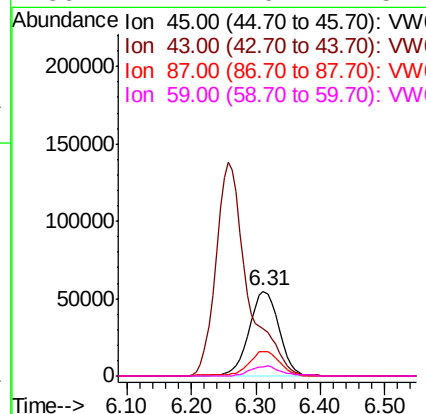
RT: 6.31 min Scan# 723

Delta R.T. -0.01 min

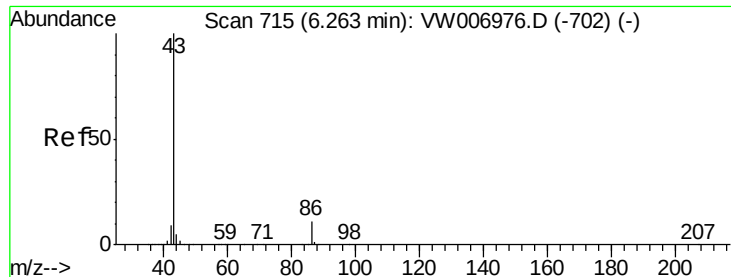
Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 55.2  | 42.5  | 63.7  |
| 87      | 28.9  | 22.8  | 34.2  |
| 59      | 11.1  | 9.1   | 13.7  |







#23

Vinyl Acetate

Concen: 248.989 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 473353

Ion Ratio Lower Upper

43 100

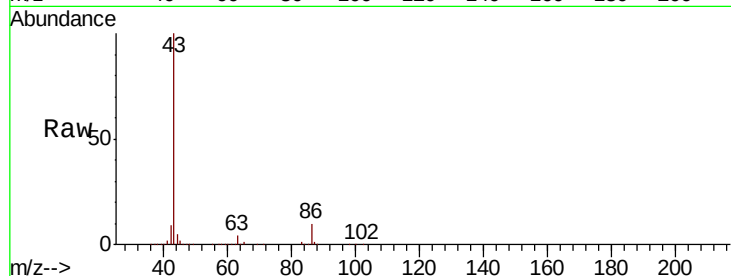
86 10.4 8.7 13.1

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

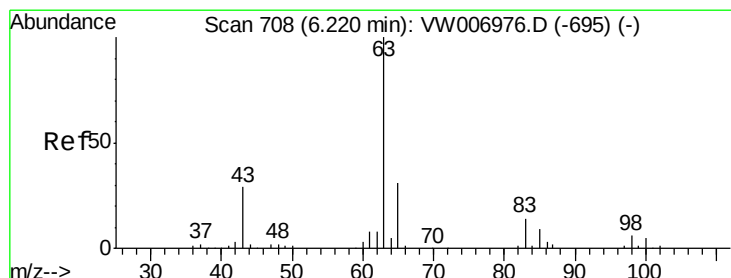
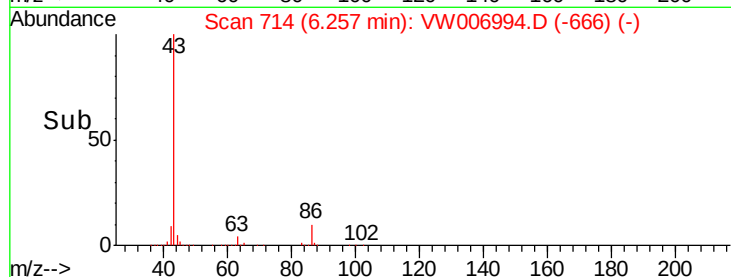
150000

100000

50000

0

Time-->



#24

1,1-Dichloroethane

Concen: 48.239 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

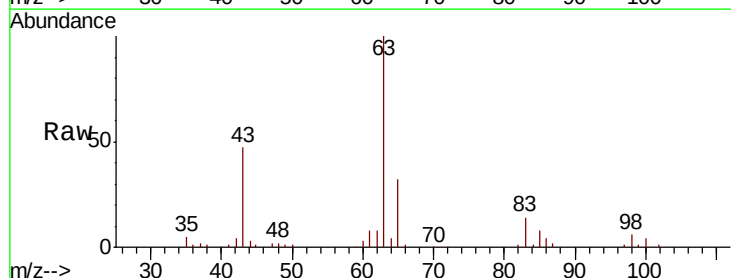
Tgt Ion: 63 Resp: 105057

Ion Ratio Lower Upper

63 100

98 5.9 3.1 9.4

100 4.0 2.3 6.9



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

6.22

40000

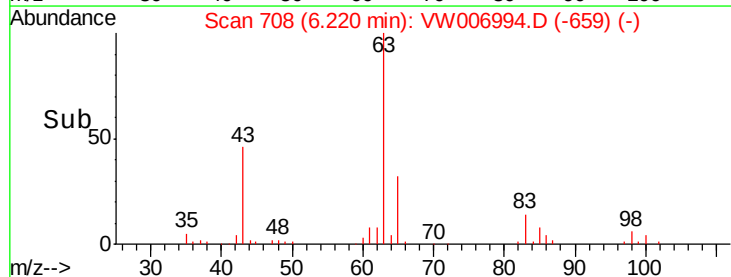
30000

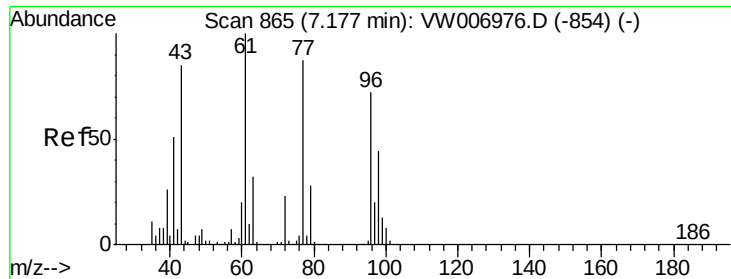
20000

10000

0

Time-->





#25

2-Butanone

Concen: 230.505 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.00 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 68751

Ion Ratio Lower Upper

43 100

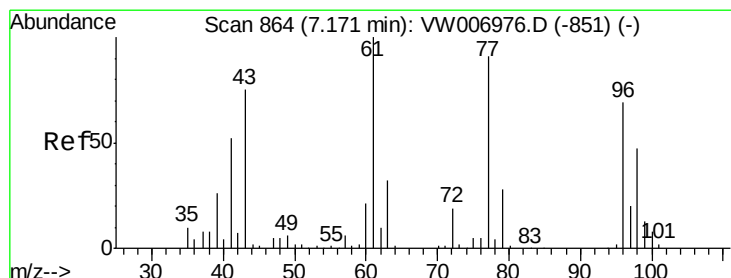
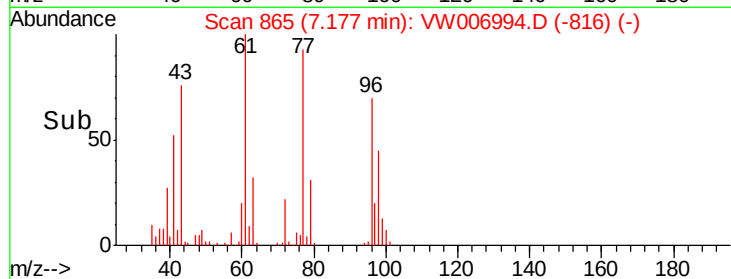
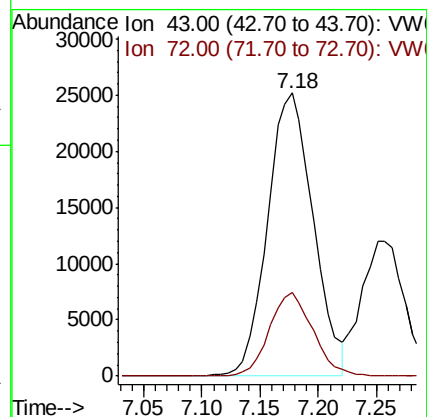
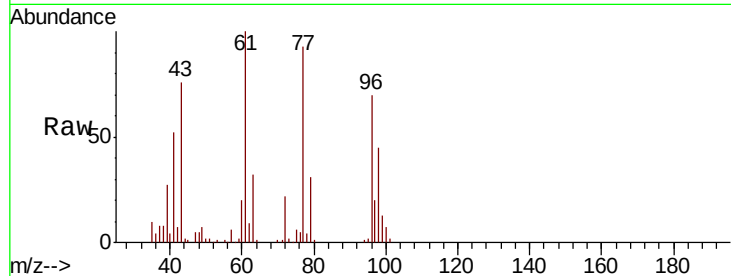
72 29.5 21.3 31.9

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#26

2,2-Dichloropropane

Concen: 49.726 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW006994.D

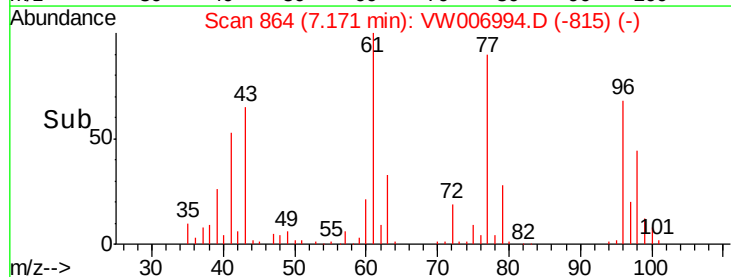
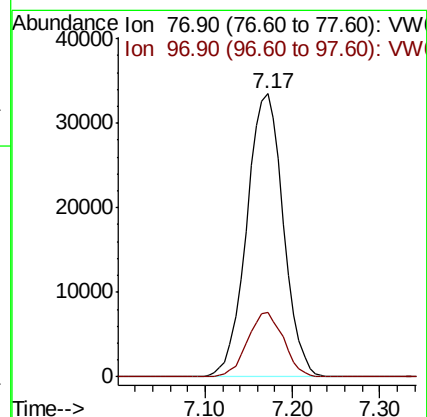
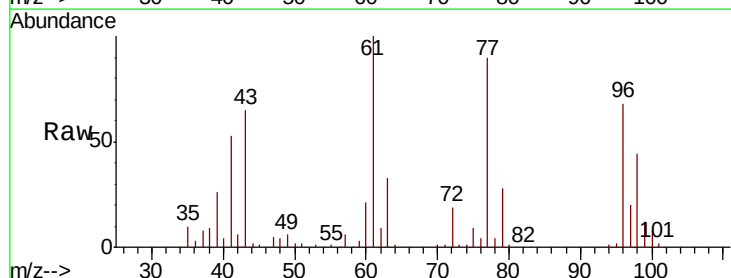
Acq: 21 Nov 2018 11:29

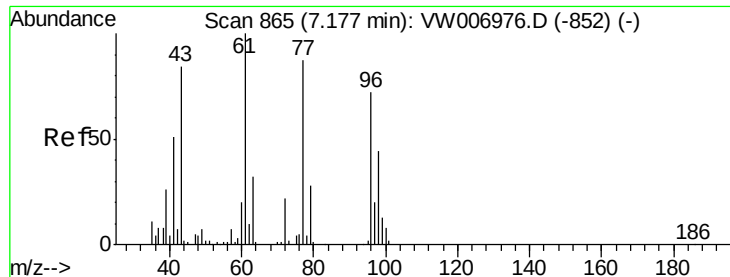
Tgt Ion: 77 Resp: 97386

Ion Ratio Lower Upper

77 100

97 22.5 11.4 34.1





#27

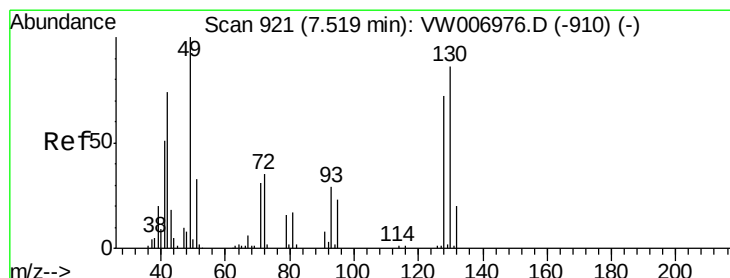
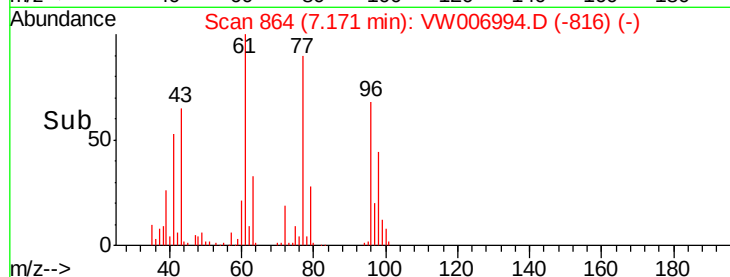
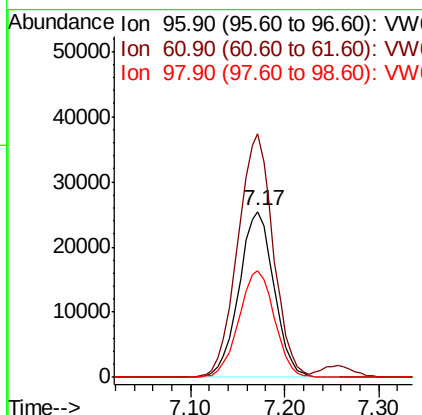
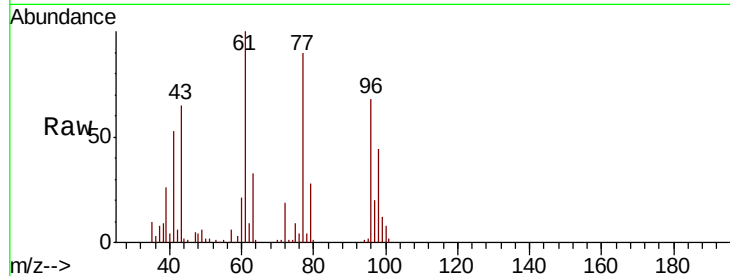
cis-1,2-Dichloroethene  
Concen: 48.003 ug/l  
RT: 7.17 min Scan# 864  
Delta R.T. -0.01 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 66035 |       |       |
| 61      | 148.8 | 0.0   | 292.6 |       |
| 98      | 65.6  | 0.0   | 129.8 |       |

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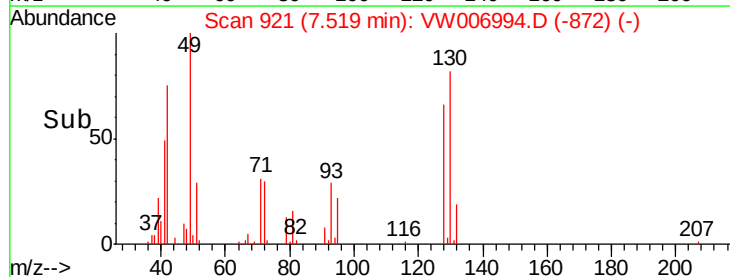
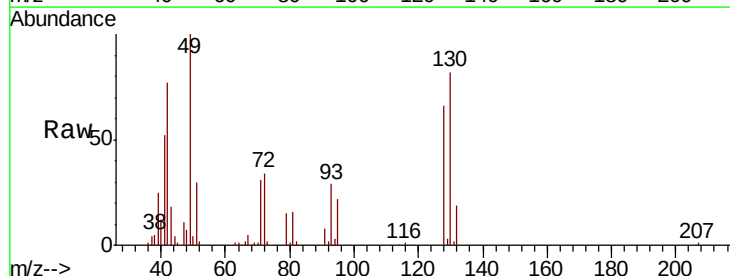
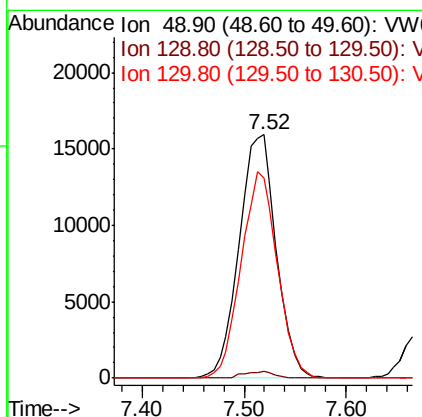
apatel  
11/26/2018 12:16:19 PM

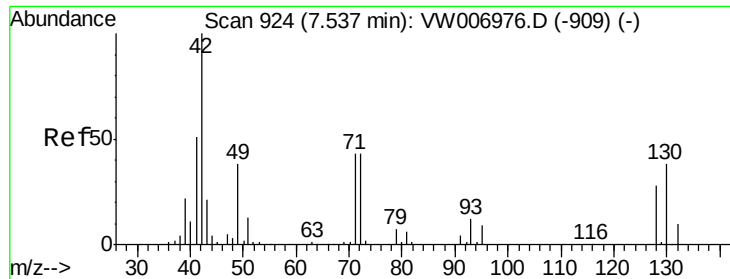


#28

Bromochloromethane  
Concen: 49.396 ug/l  
RT: 7.52 min Scan# 921  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 40207 |       |       |
| 129     | 2.2   | 0.0   | 2.0#  |       |
| 130     | 83.0  | 69.0  | 103.4 |       |





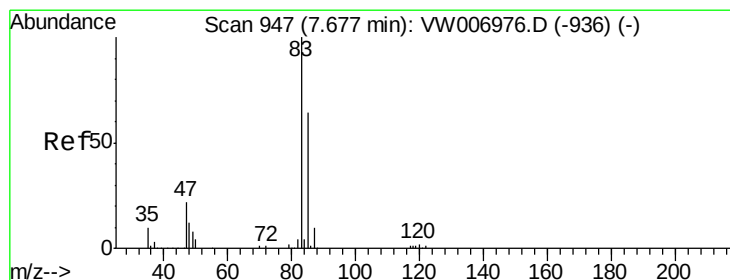
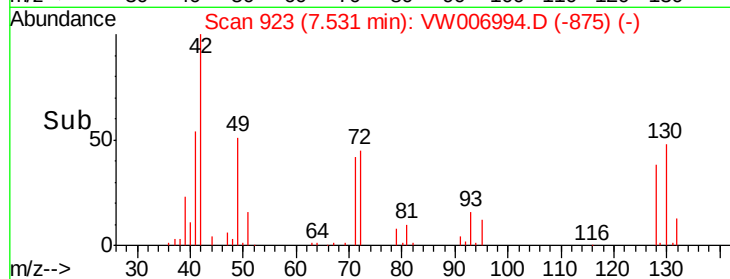
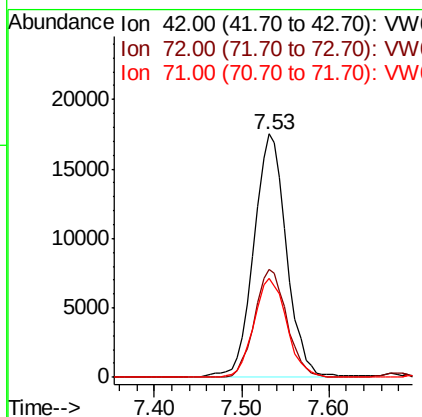
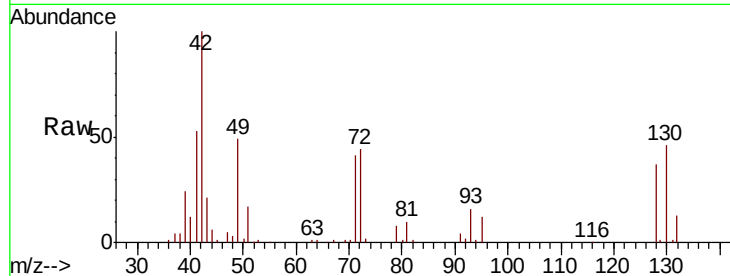
#29  
Tetrahydrofuran  
Concen: 236.197 ug/l  
RT: 7.53 min Scan# 923  
Delta R.T. -0.01 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 43.5  | 36.2  | 54.4  |
| 71      | 40.8  | 33.8  | 50.8  |

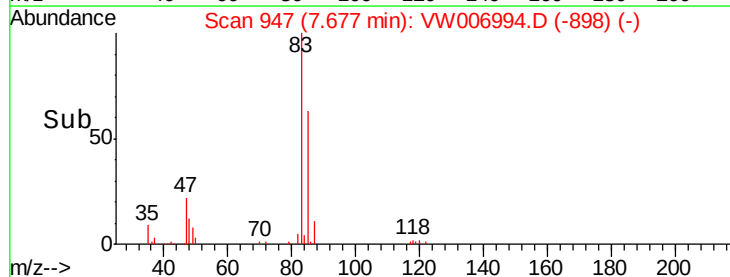
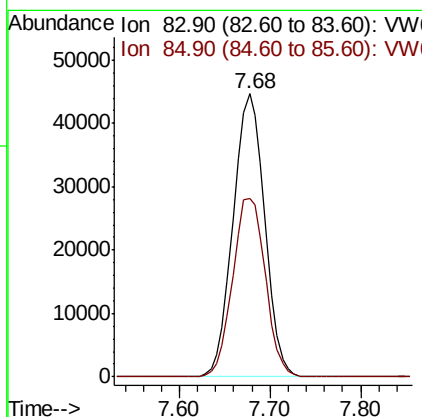
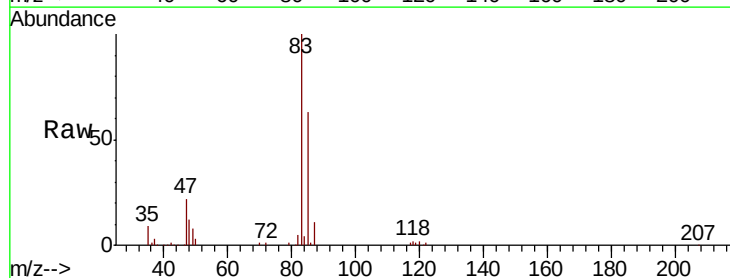
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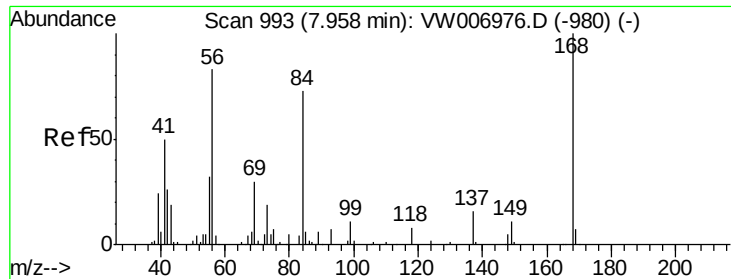
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#30  
Chloroform  
Concen: 46.755 ug/l  
RT: 7.68 min Scan# 947  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.2  | 50.9  | 76.3  |





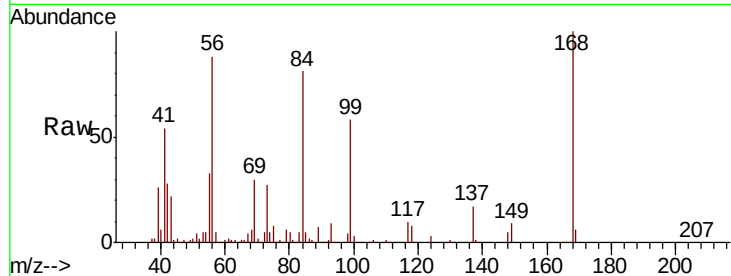
#31  
Cyclohexane  
Concen: 48.535 ug/l  
RT: 7.96 min Scan# 993  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 34.6  | 29.1  | 43.7  |
| 84      | 90.5  | 70.6  | 105.8 |

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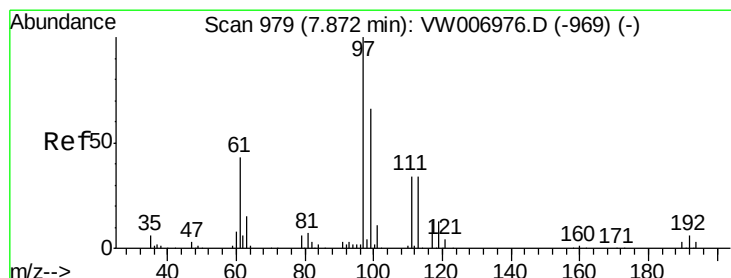
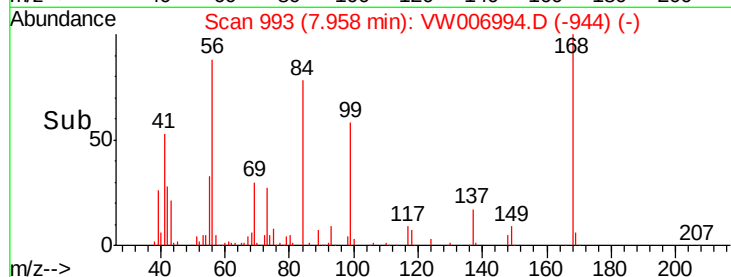
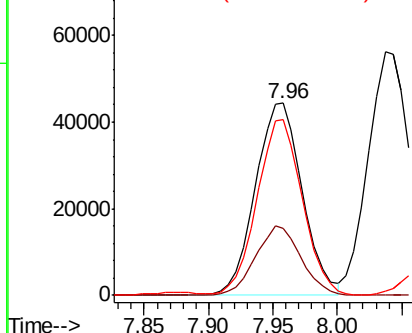


Abundance

Ion 56.00 (55.70 to 56.70): VW

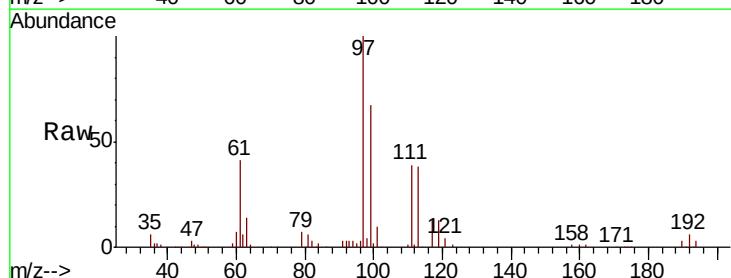
Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW



#32  
1,1,1-Trichloroethane  
Concen: 49.716 ug/l  
RT: 7.87 min Scan# 979  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 65.3  | 51.9  | 77.9  |
| 61      | 42.1  | 33.4  | 50.2  |

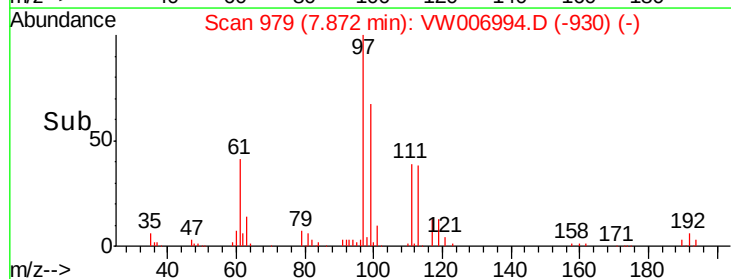
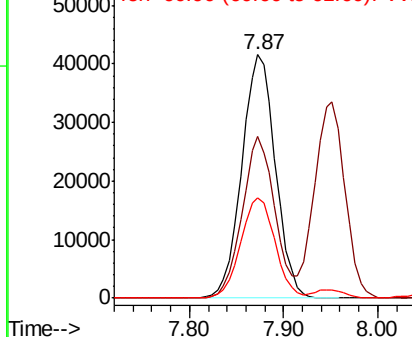


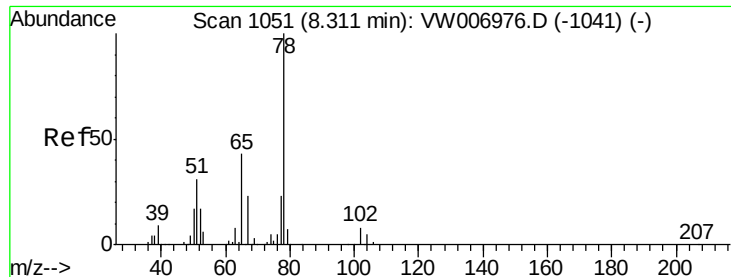
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 98.90 (98.60 to 99.60): VW

Ion 60.90 (60.60 to 61.60): VW





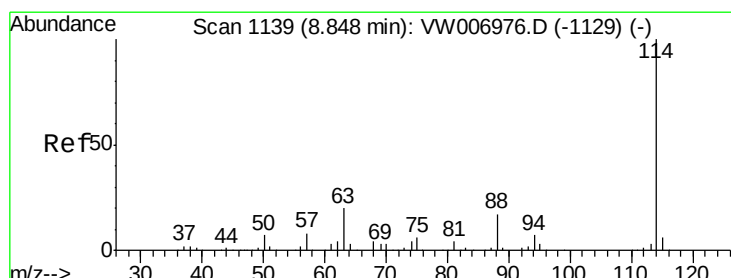
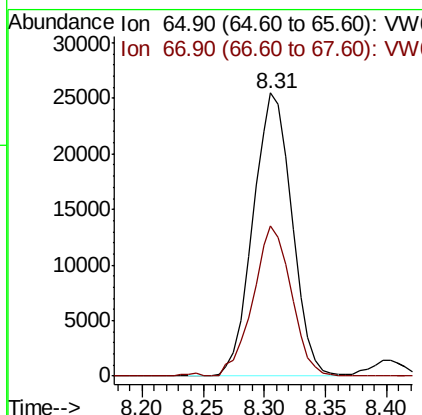
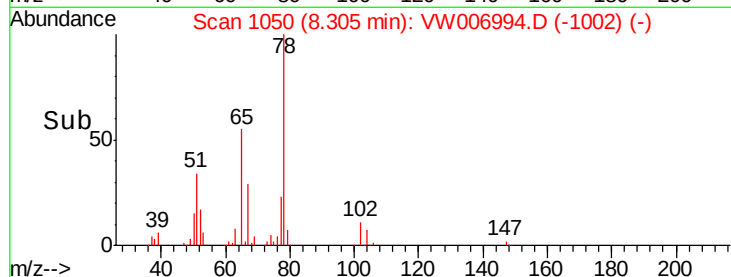
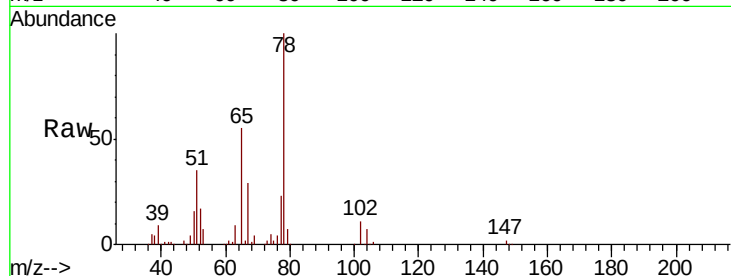
#33  
 1,2-Dichloroethane-d4  
 Concen: 47.023 ug/l  
 RT: 8.31 min Scan# 1050  
 Delta R.T. -0.01 min  
 Lab File: VW006994.D  
 Acq: 21 Nov 2018 11:29

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 65      | 100   |      |       |       |
| 67      | 52.0  | 0.0  | 106.2 |       |

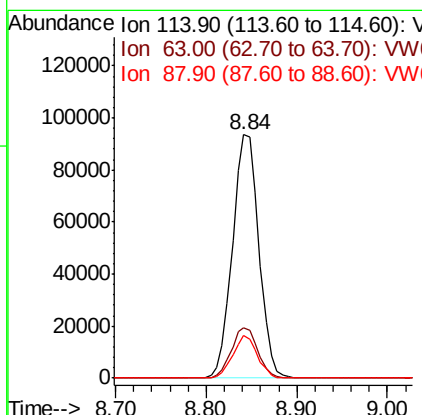
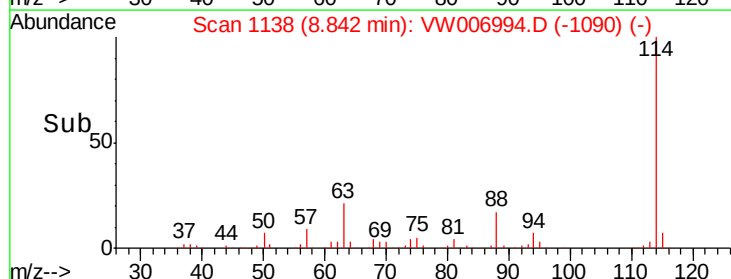
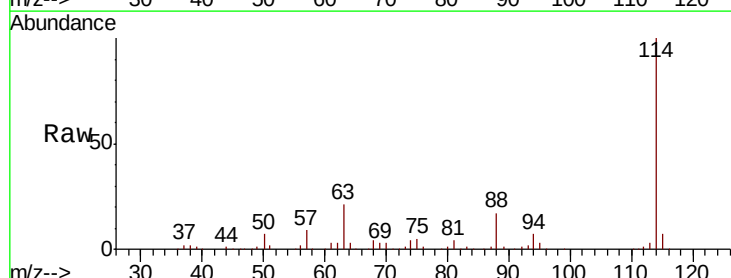
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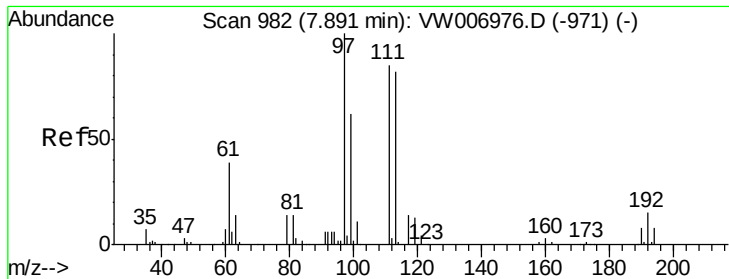
apatel  
 11/26/2018 12:16:19 PM



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 8.84 min Scan# 1138  
 Delta R.T. -0.01 min  
 Lab File: VW006994.D  
 Acq: 21 Nov 2018 11:29

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 114     | 100   |      |       |       |
| 63      | 20.7  | 0.0  | 39.4  |       |
| 88      | 17.4  | 0.0  | 34.2  |       |





#35

Dibromofluoromethane

Concen: 49.407 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.01 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

Instrument :

MSVOA\_W

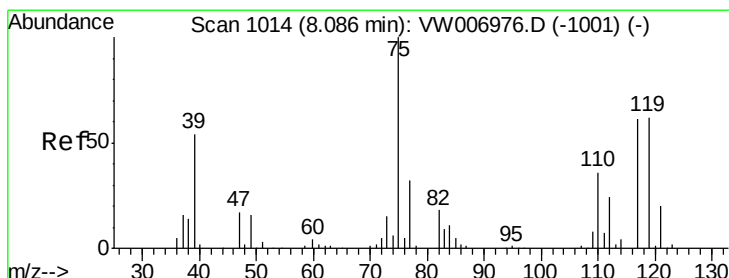
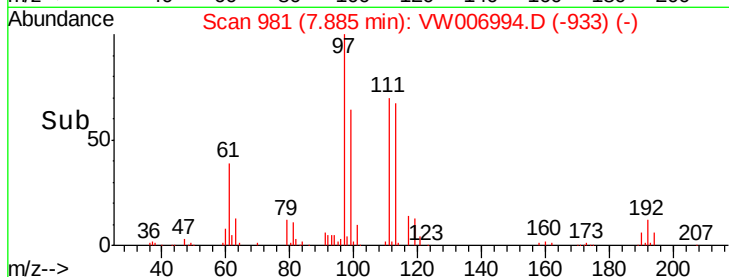
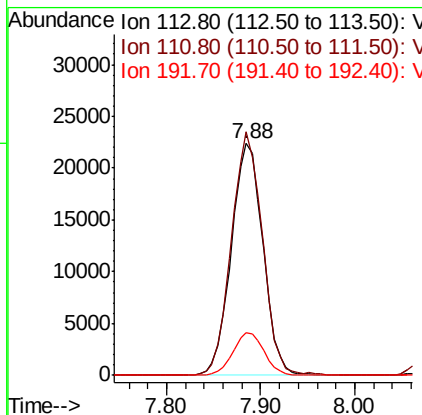
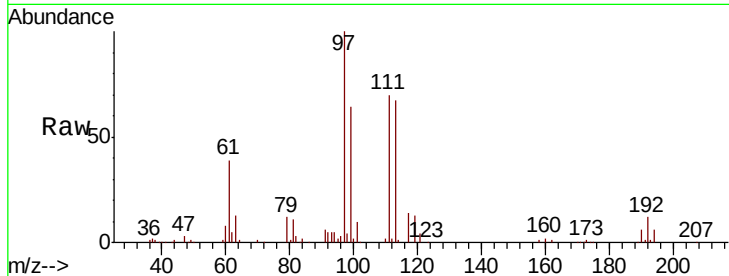
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 52563 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 102.6 | 81.0  | 121.6 |
| 192      | 18.0  | 15.0  | 22.6  |

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#36

1,1-Dichloropropene

Concen: 51.188 ug/l

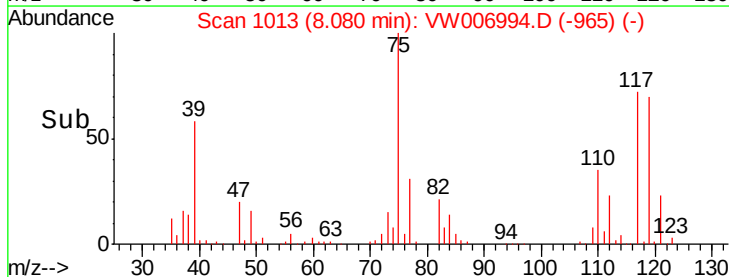
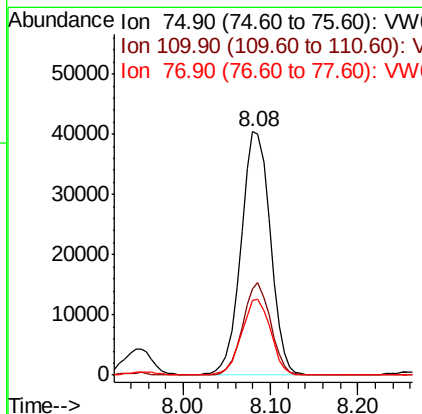
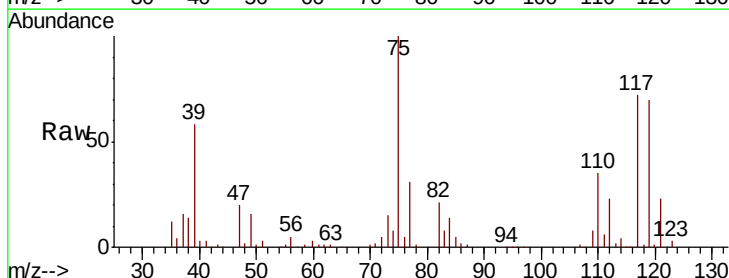
RT: 8.08 min Scan# 1013

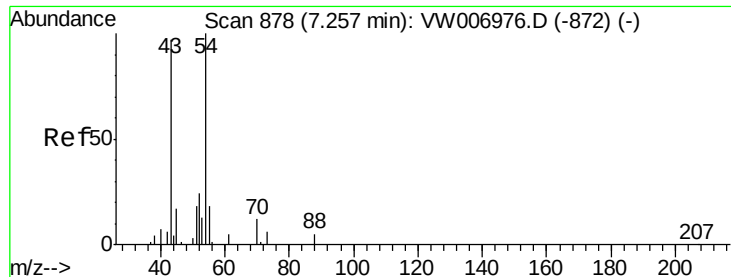
Delta R.T. -0.01 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 94234 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 36.0  | 18.0  | 54.0  |
| 77       | 30.9  | 24.9  | 37.3  |





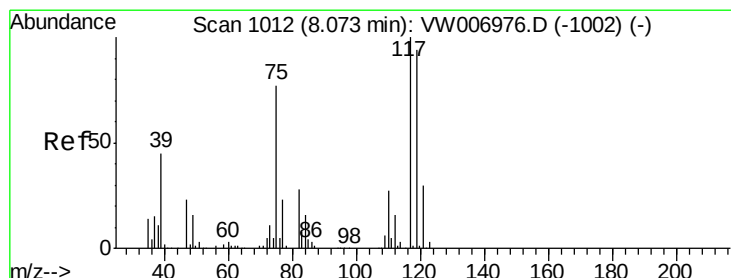
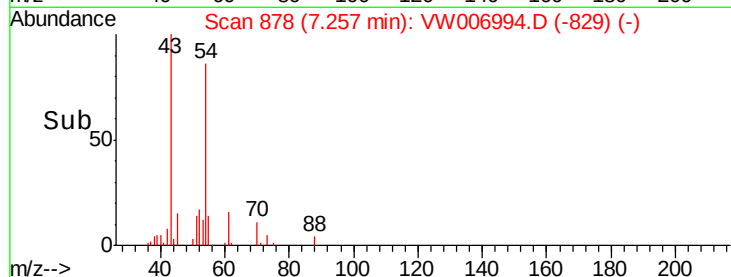
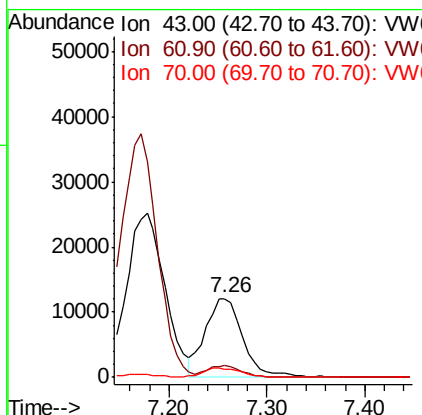
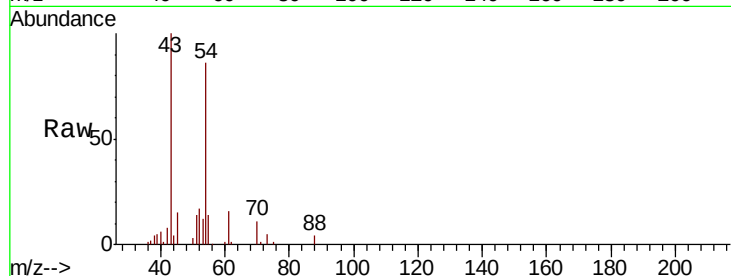
#37  
Ethyl Acetate  
Concen: 47.758 ug/l  
RT: 7.26 min Scan# 878  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 14.0  | 10.4  | 15.6  |
| 70      | 11.9  | 8.8   | 13.2  |

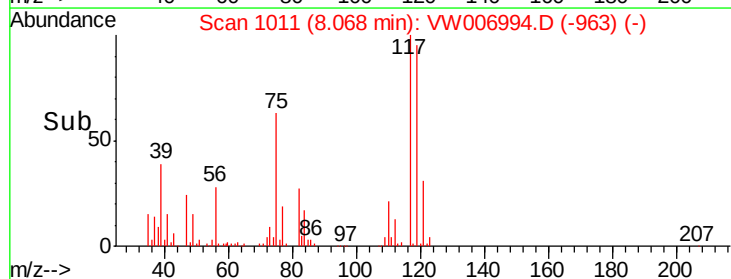
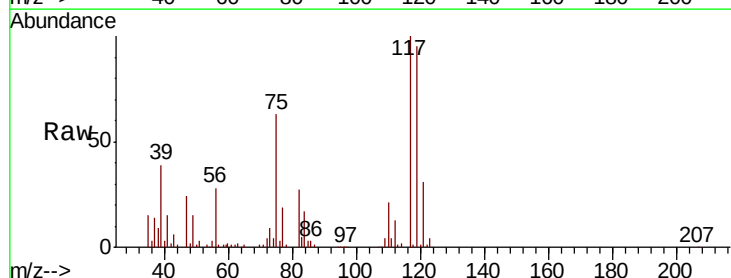
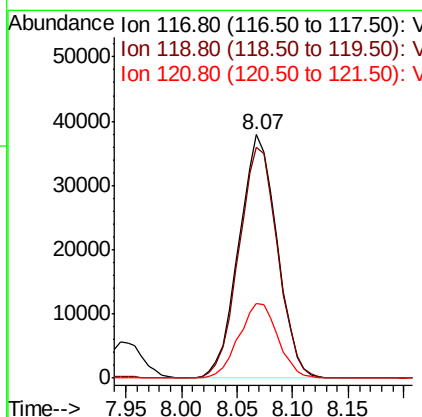
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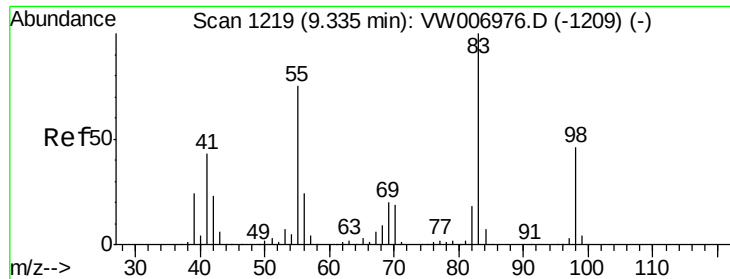


#38  
Carbon Tetrachloride  
Concen: 51.229 ug/l  
RT: 8.07 min Scan# 1011  
Delta R.T. -0.01 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 119     | 95.0  | 74.9  | 112.3 |
| 121     | 30.6  | 23.6  | 35.4  |







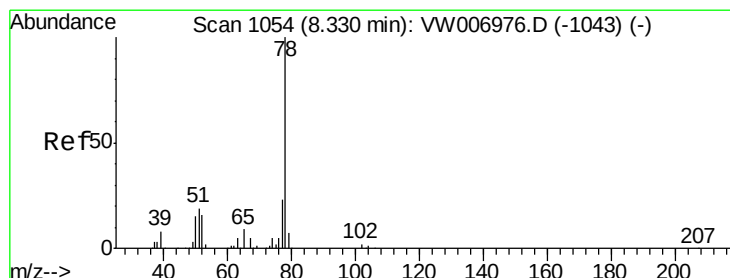
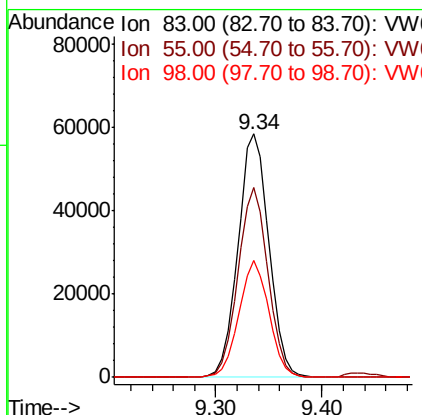
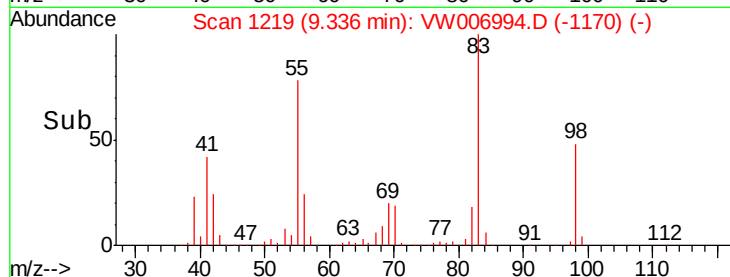
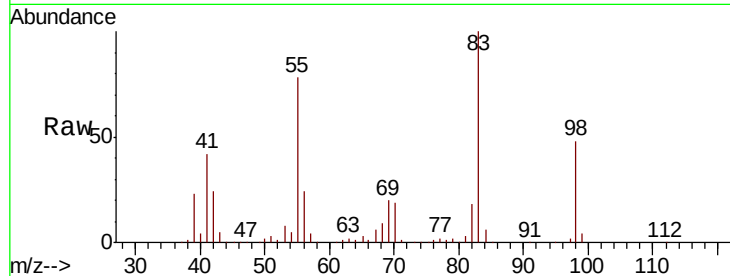
#39  
Methylvlcyclohexane  
Concen: 51.568 ug/l  
RT: 9.34 min Scan# 1219  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 77.9  | 59.6  | 89.4  |
| 98      | 48.1  | 37.1  | 55.7  |

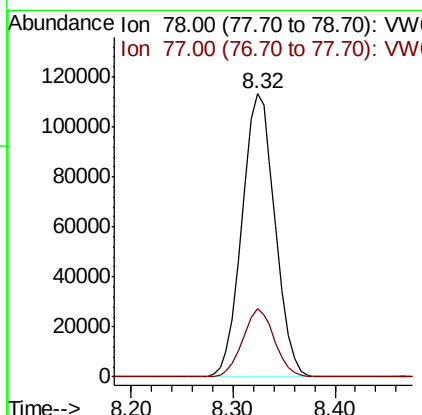
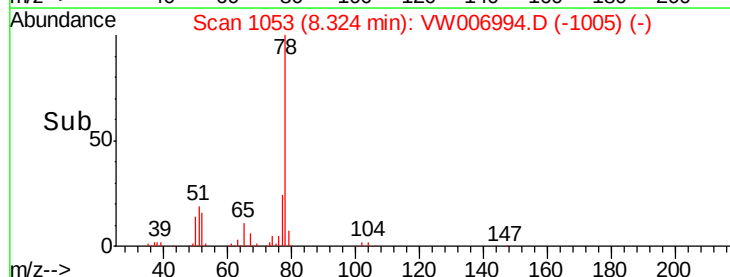
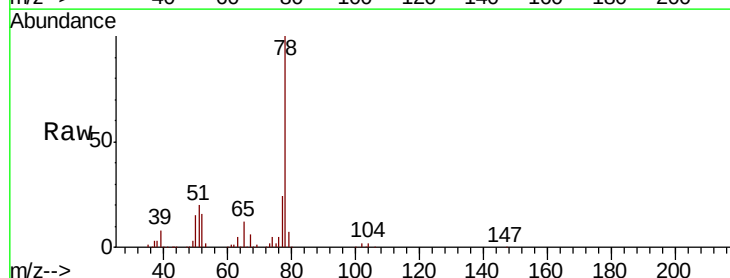
Manual Integrations  
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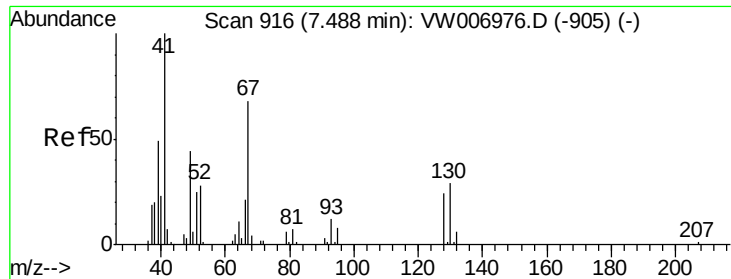
apatel  
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#40  
Benzene  
Concen: 51.120 ug/l  
RT: 8.32 min Scan# 1053  
Delta R.T. -0.01 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.1  | 18.6  | 28.0  |





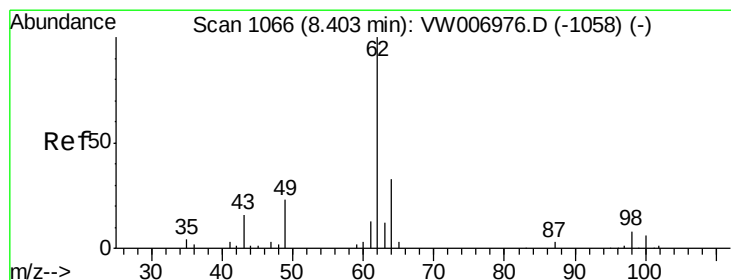
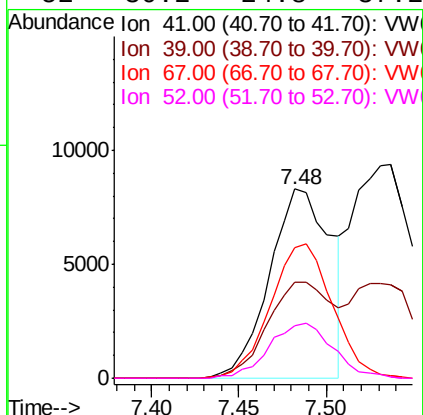
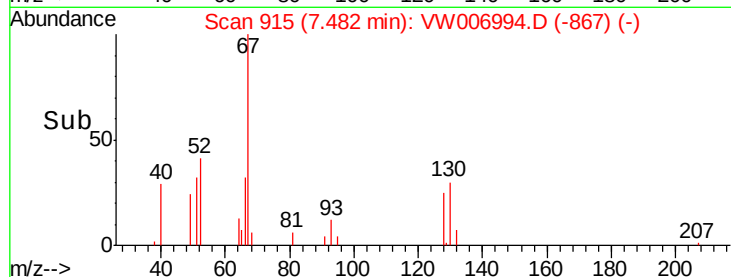
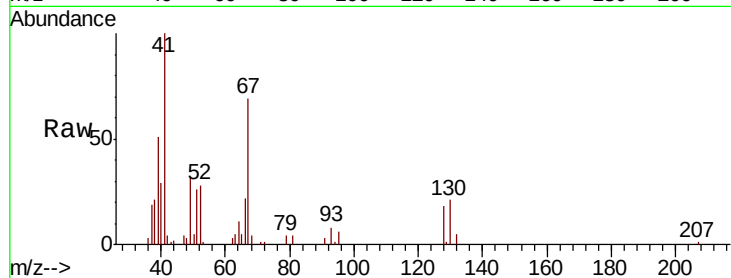
#41  
Methacrylonitrile  
Concen: 48.971 ug/l  
RT: 7.48 min Scan# 915  
Delta R.T. -0.01 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 53.9  | 48.6  | 73.0  |
| 67      | 71.8  | 59.8  | 89.8  |
| 52      | 30.2  | 24.8  | 37.2  |

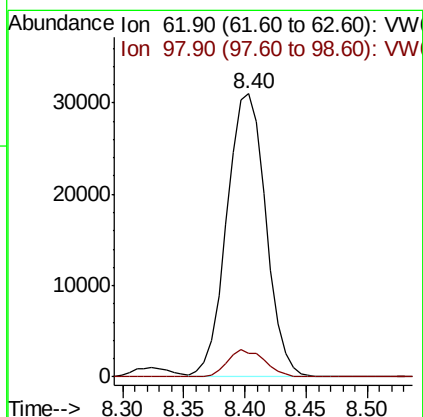
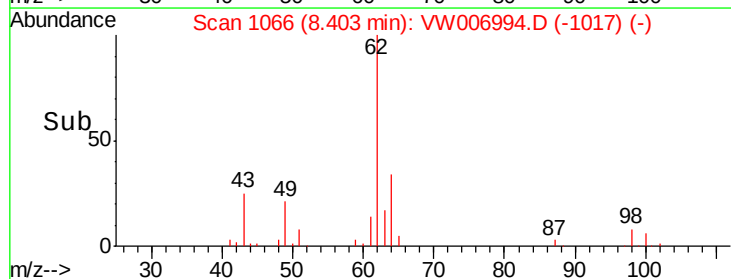
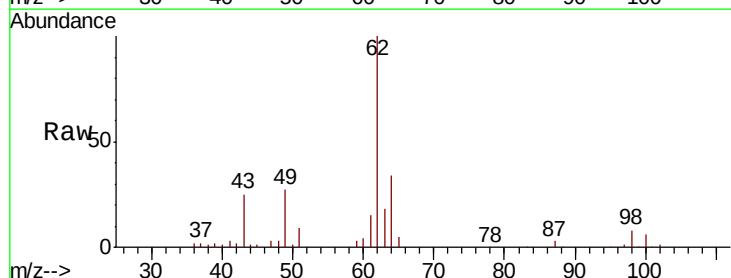
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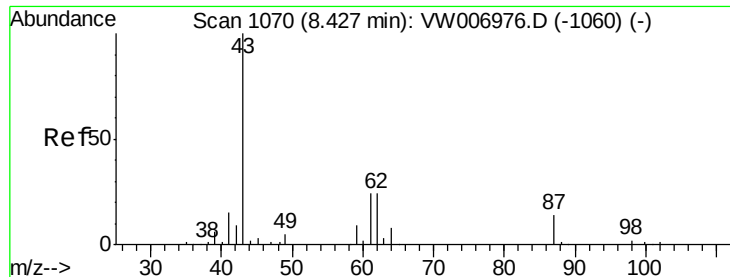
apatel  
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#42  
1,2-Dichloroethane  
Concen: 47.605 ug/l  
RT: 8.40 min Scan# 1066  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 62      | 100   |       |       |
| 98      | 9.2   | 0.0   | 18.6  |





#43

Isopropyl Acetate

Concen: 49.209 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

Instrument :

MSVOA\_W

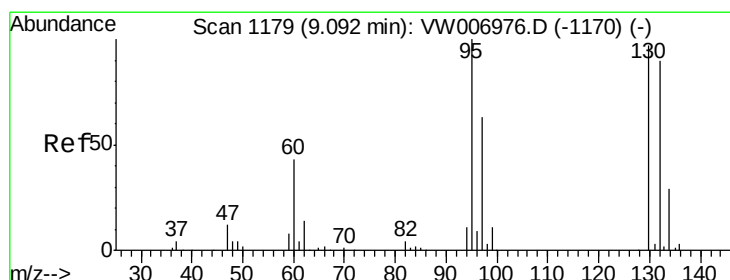
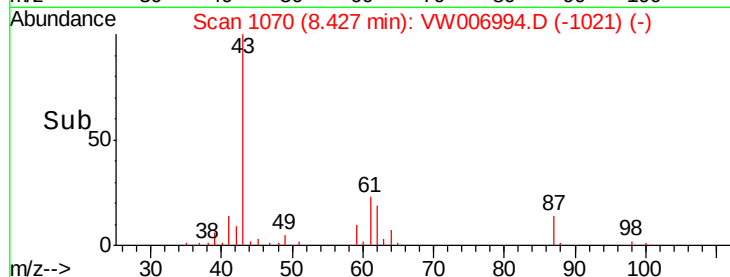
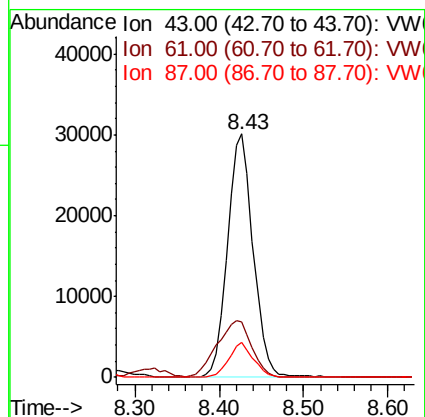
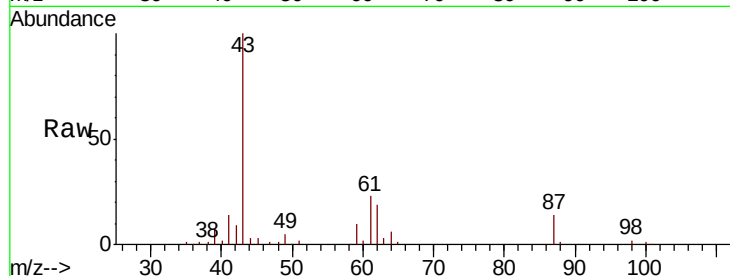
ClientSampleId :

VSTDCCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 62559 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 31.7  | 26.1  | 39.1  |
| 87       | 13.5  | 11.2  | 16.8  |

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#44

Trichloroethene

Concen: 50.338 ug/l

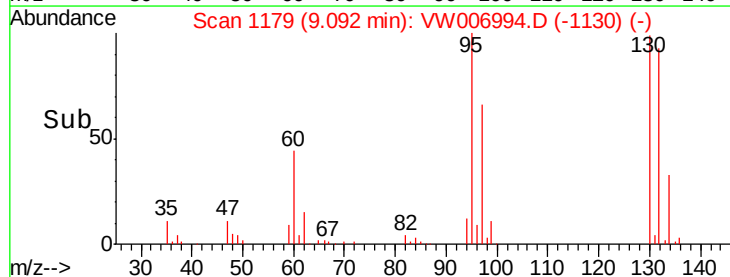
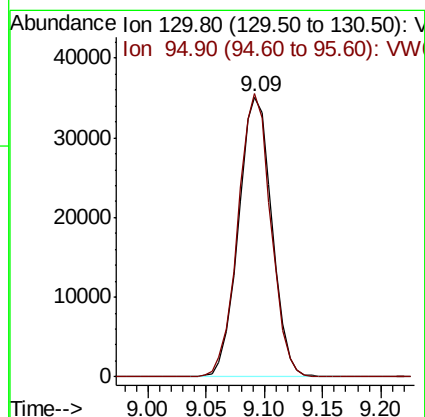
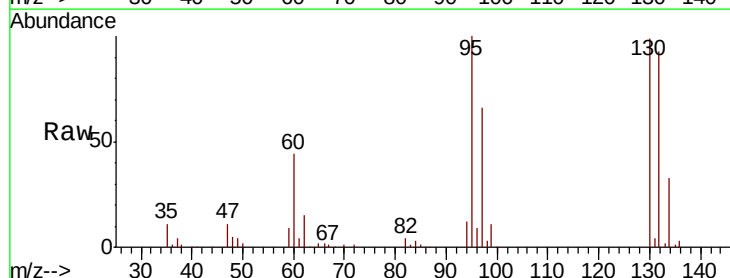
RT: 9.09 min Scan# 1179

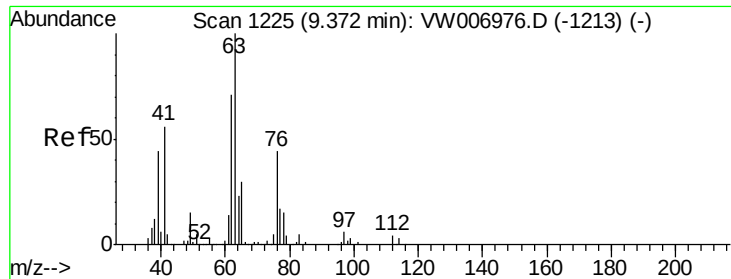
Delta R.T. 0.00 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 130   | Resp: | 70122 |
| Ion      | Ratio | Lower | Upper |
| 130      | 100   |       |       |
| 95       | 101.2 | 0.0   | 206.4 |





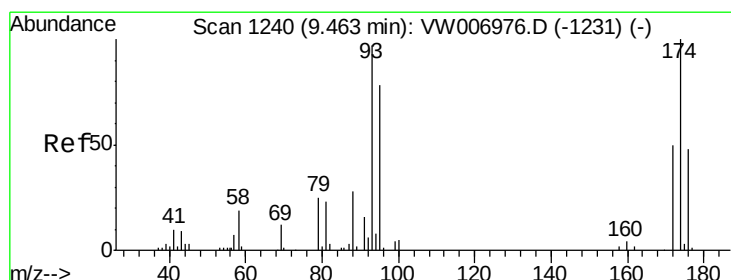
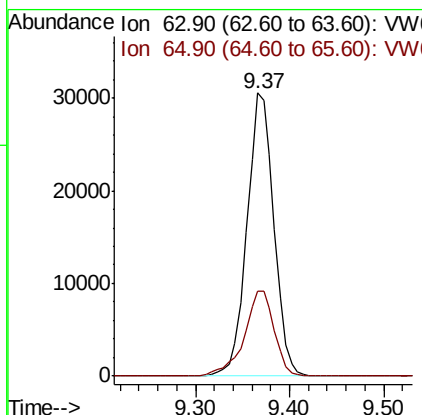
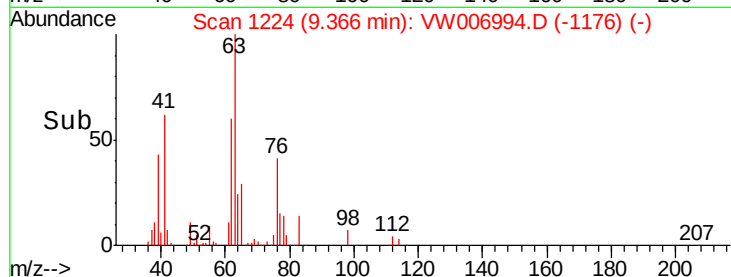
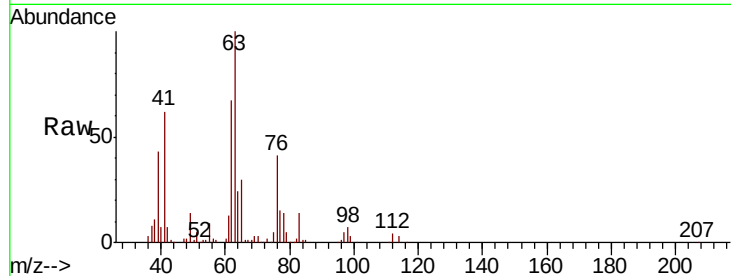
#45  
 1,2-Dichloropropane  
 Concen: 49.859 ug/l  
 RT: 9.37 min Scan# 1224  
 Delta R.T. -0.01 min  
 Lab File: VW006994.D  
 Acq: 21 Nov 2018 11:29

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 63 Resp: 61076  
 Ion Ratio Lower Upper  
 63 100  
 65 30.0 24.4 36.6

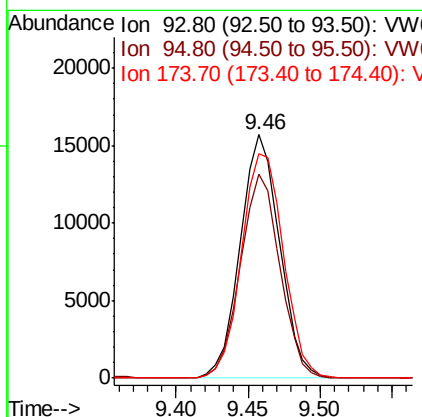
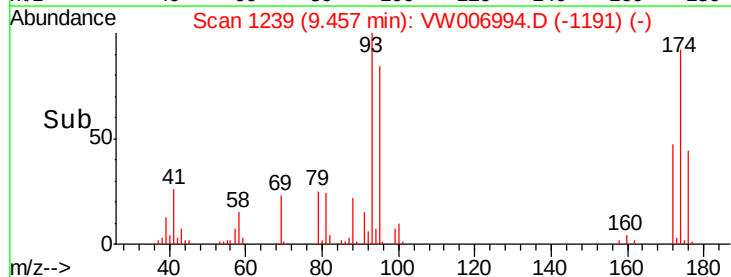
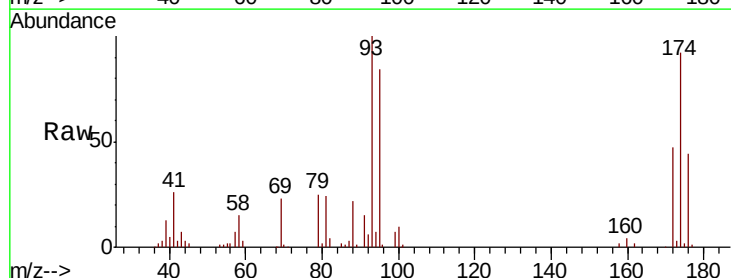
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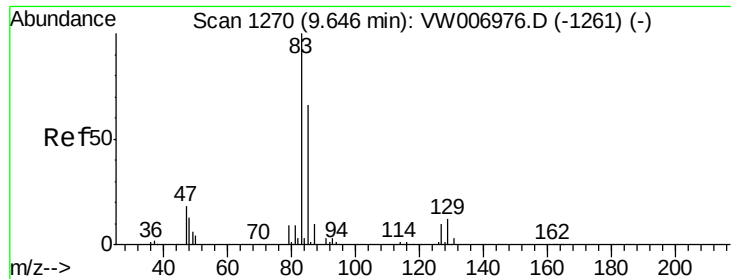
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#46  
 Dibromomethane  
 Concen: 48.487 ug/l  
 RT: 9.46 min Scan# 1239  
 Delta R.T. -0.01 min  
 Lab File: VW006994.D  
 Acq: 21 Nov 2018 11:29

Tgt Ion: 93 Resp: 29744  
 Ion Ratio Lower Upper  
 93 100  
 95 84.1 66.1 99.1  
 174 98.2 79.7 119.5





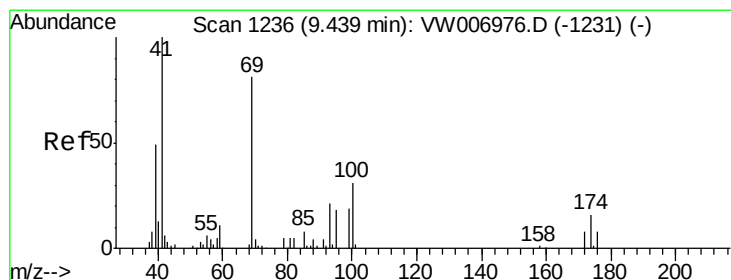
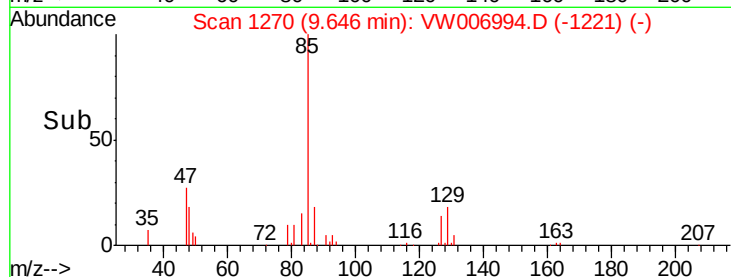
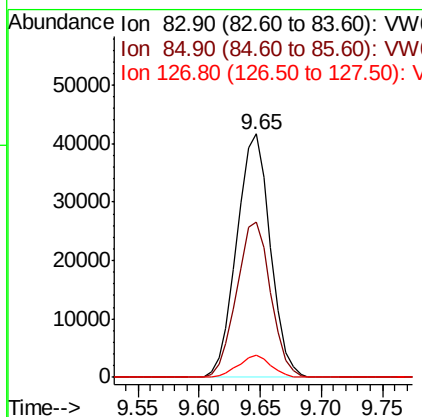
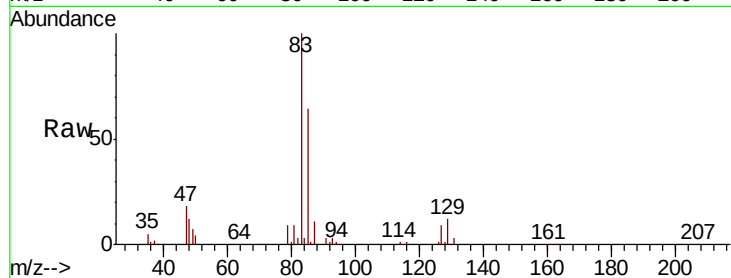
#47  
Bromodichloromethane  
Concen: 49.189 ug/l  
RT: 9.65 min Scan# 1270  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 63.6  | 52.9  | 79.3  |
| 127     | 8.9   | 7.8   | 11.6  |

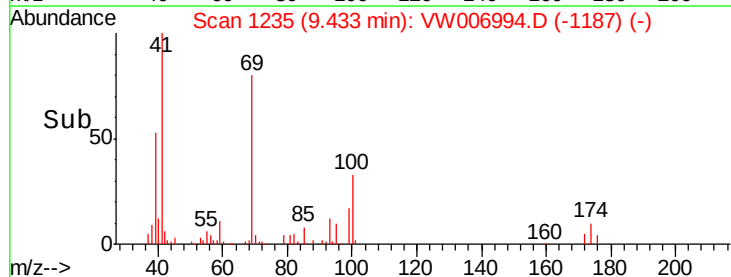
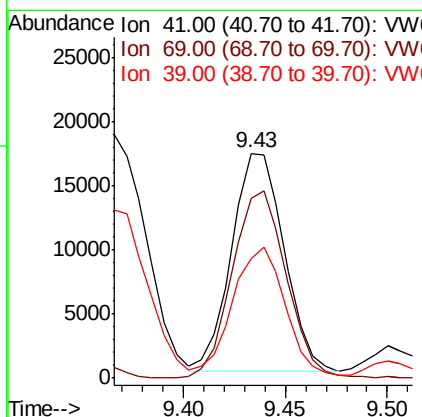
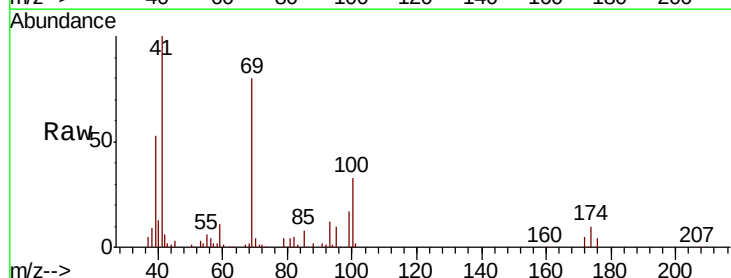
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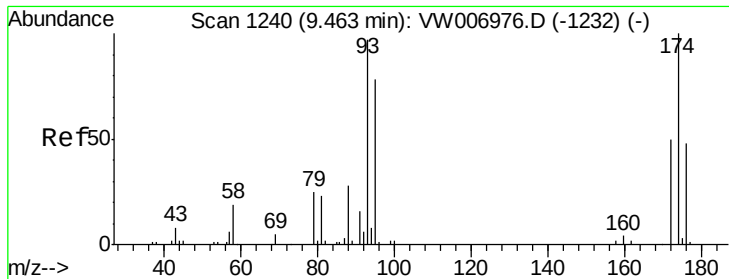
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#48  
Methyl methacrylate  
Concen: 49.773 ug/l  
RT: 9.43 min Scan# 1235  
Delta R.T. -0.01 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 88.6  | 71.4  | 107.0 |
| 39      | 57.3  | 44.8  | 67.2  |





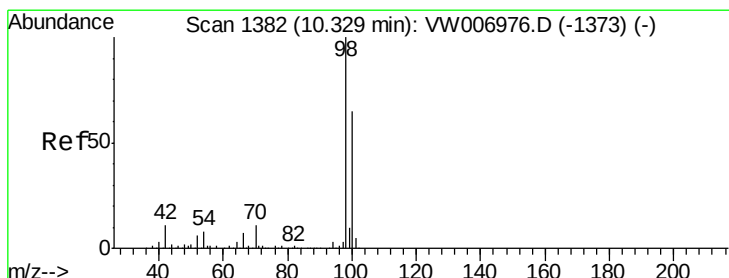
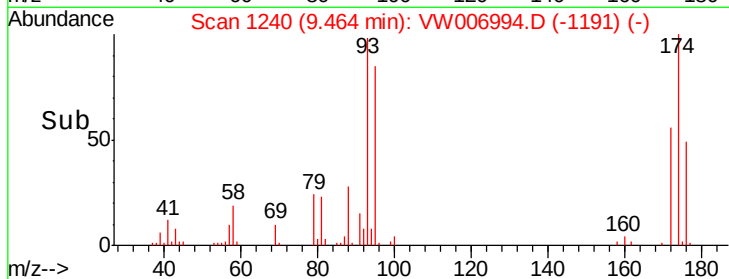
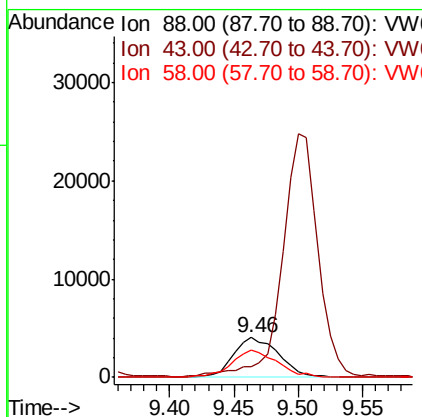
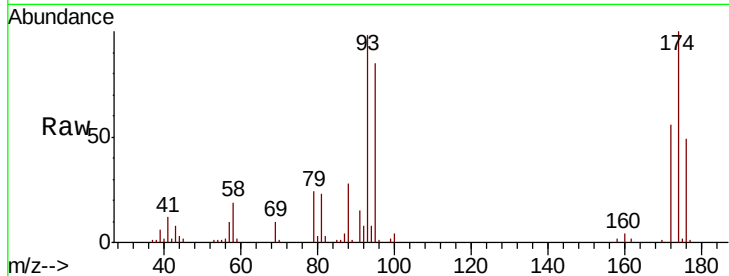
#49  
1,4-Dioxane  
Concen: 1075.924 ug/l  
RT: 9.46 min Scan# 1240  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 0.0   | 0.0   | 0.0   |
| 58      | 69.1  | 59.0  | 88.6  |

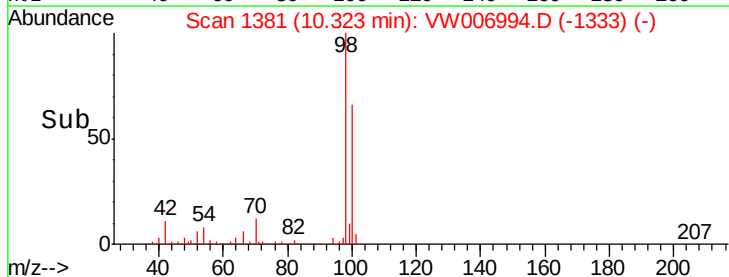
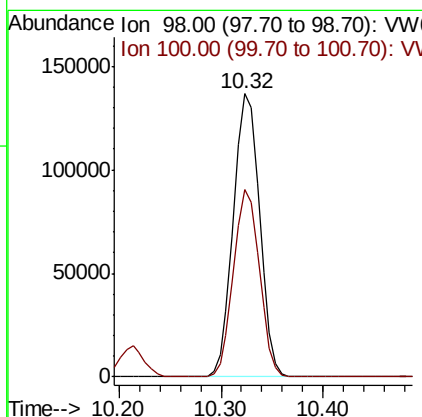
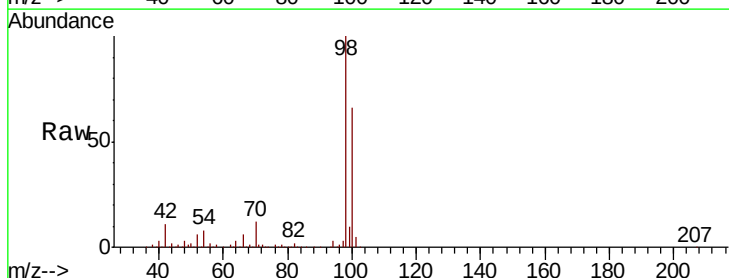
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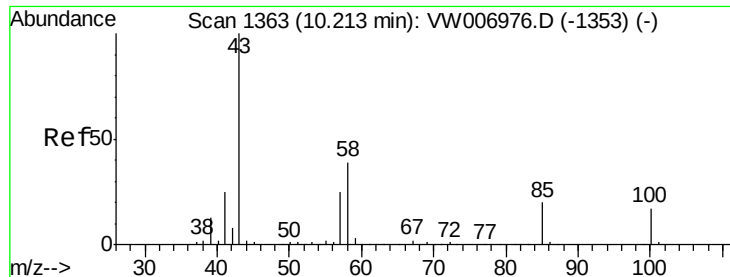
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#50  
Toluene-d8  
Concen: 51.893 ug/l  
RT: 10.32 min Scan# 1381  
Delta R.T. -0.01 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 98      | 100   |       |       |
| 100     | 65.4  | 52.2  | 78.2  |





#51

4-Methyl-2-Pentanone

Concen: 247.157 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.00 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 158786

Ion Ratio Lower Upper

43 100

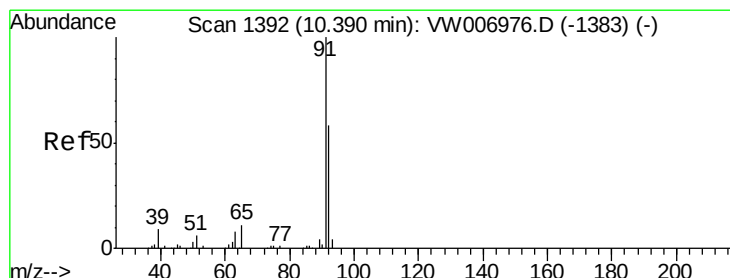
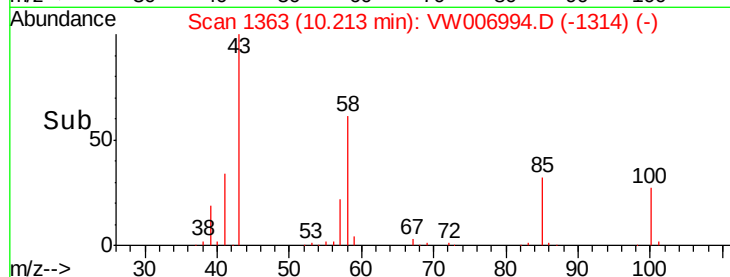
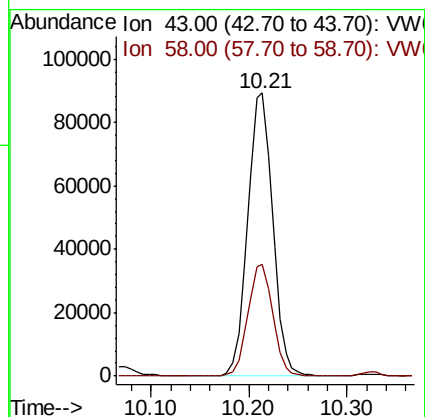
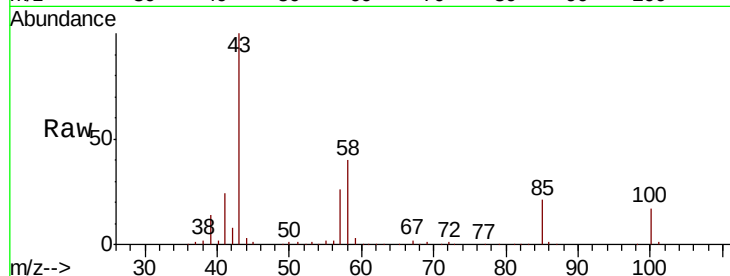
58 39.2 31.8 47.6

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#52

Toluene

Concen: 52.379 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006994.D

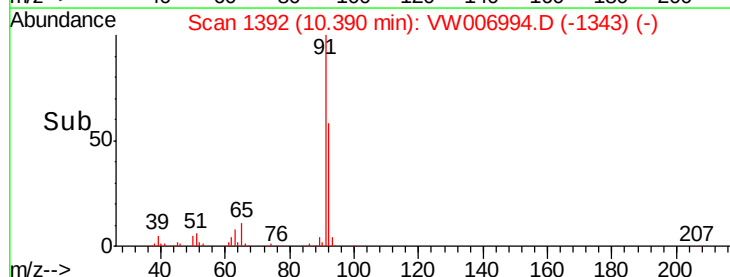
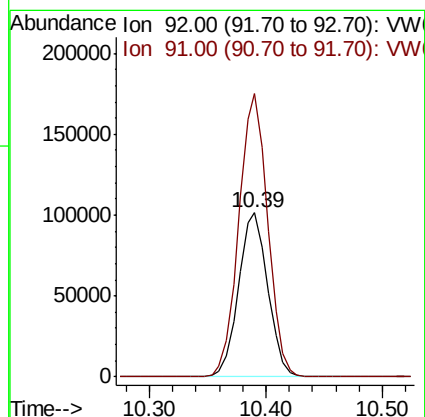
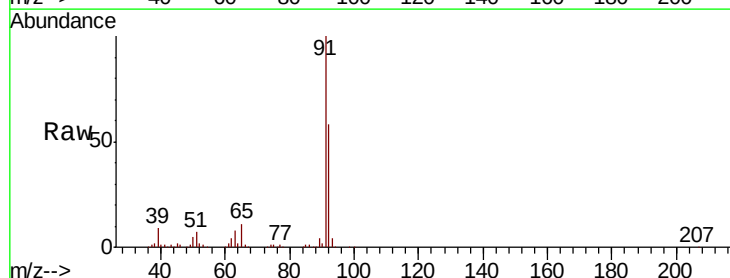
Acq: 21 Nov 2018 11:29

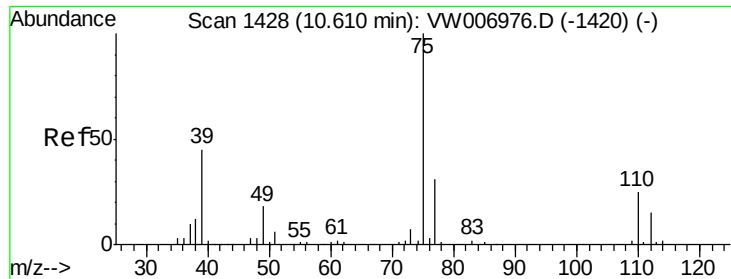
Tgt Ion: 92 Resp: 177140

Ion Ratio Lower Upper

92 100

91 170.7 137.3 205.9





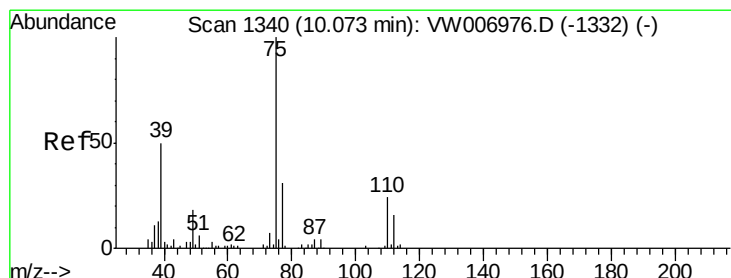
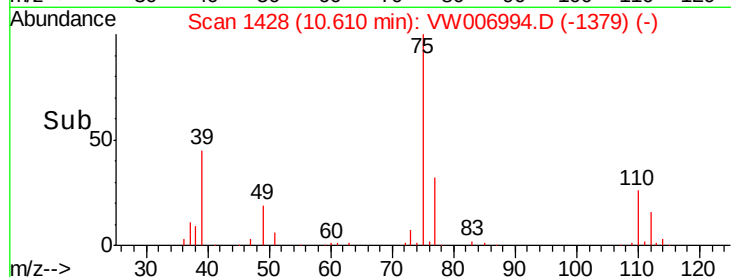
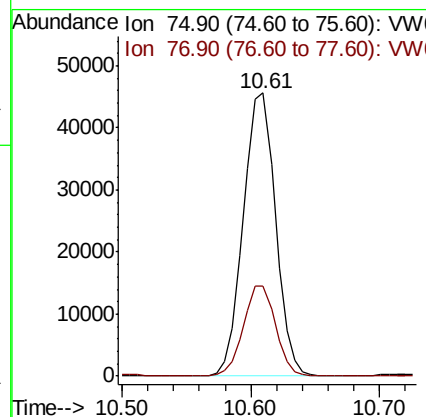
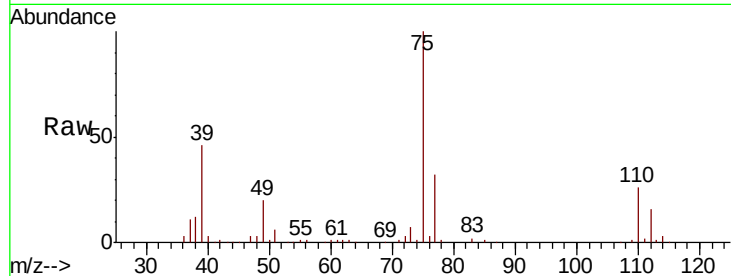
#53  
 t-1,3-Dichloropropene  
 Concen: 50.516 ug/l  
 RT: 10.61 min Scan# 1428  
 Delta R.T. 0.00 min  
 Lab File: VW006994.D  
 Acq: 21 Nov 2018 11:29

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 75 Resp: 79092  
 Ion Ratio Lower Upper  
 75 100  
 77 31.8 24.7 37.1

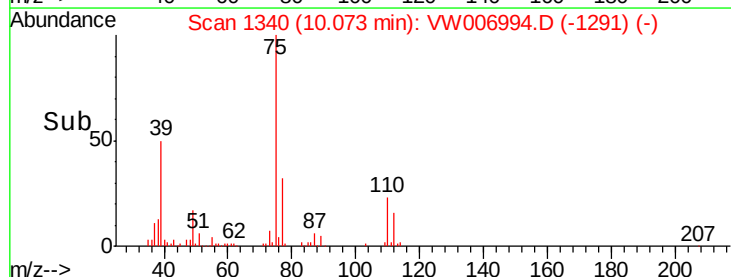
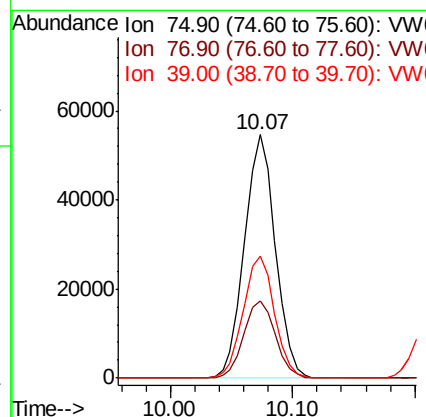
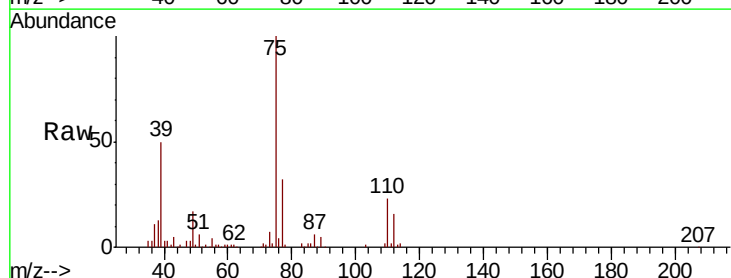
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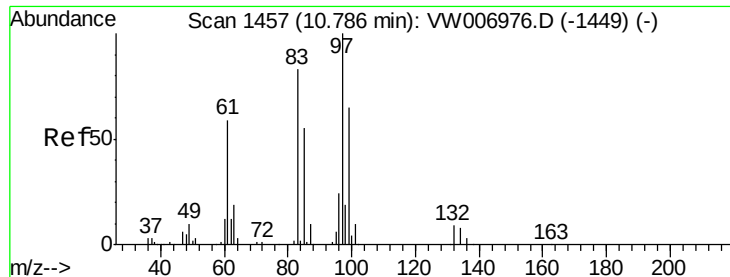


#54  
 cis-1,3-Dichloropropene  
 Concen: 50.642 ug/l  
 RT: 10.07 min Scan# 1340  
 Delta R.T. 0.00 min  
 Lab File: VW006994.D  
 Acq: 21 Nov 2018 11:29

Tgt Ion: 75 Resp: 95793  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 25.0 37.6  
 39 49.9 39.9 59.9







#55

1,1,2-Trichloroethane

Concen: 47.342 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

Instrument :

MSVOA\_W

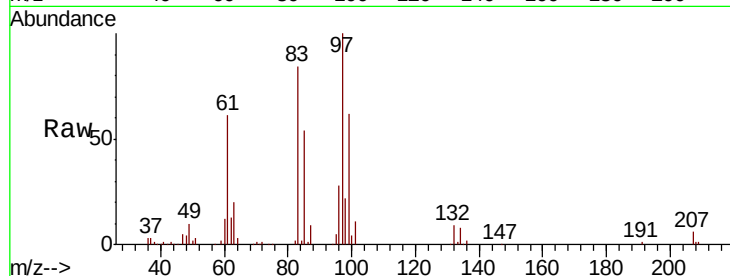
ClientSampleId :

VSTDCCC050

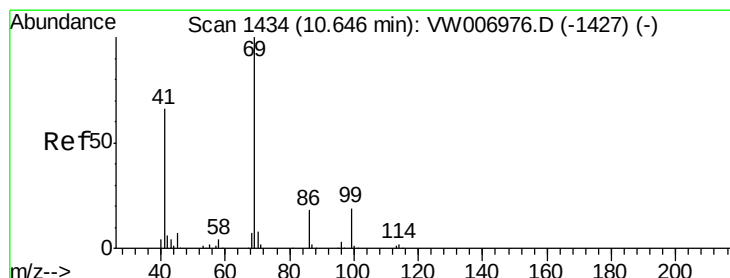
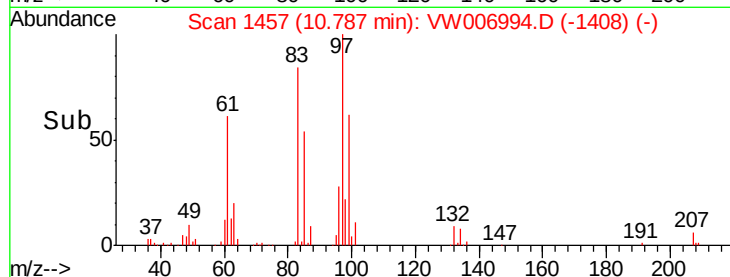
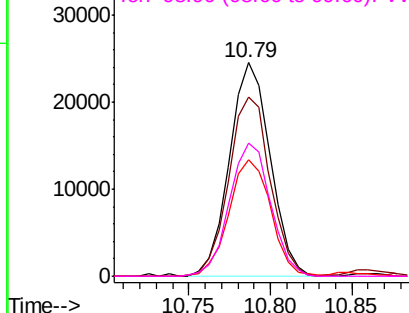
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 42728 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 83.5  | 66.4  | 99.6  |
| 85       | 53.9  | 44.1  | 66.1  |
| 99       | 62.5  | 51.7  | 77.5  |

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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: 52.742 ug/l

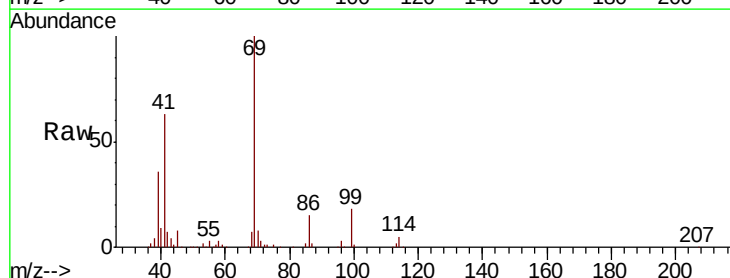
RT: 10.65 min Scan# 1434

Delta R.T. 0.00 min

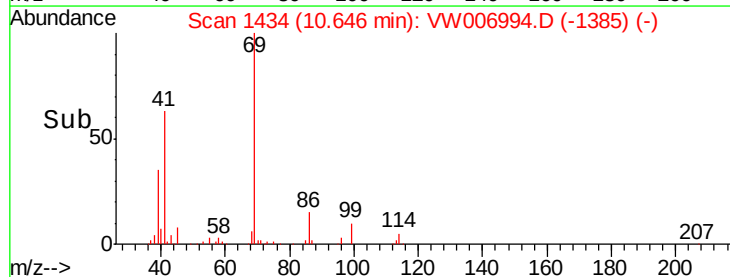
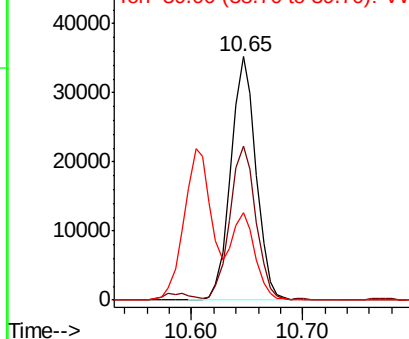
Lab File: VW006994.D

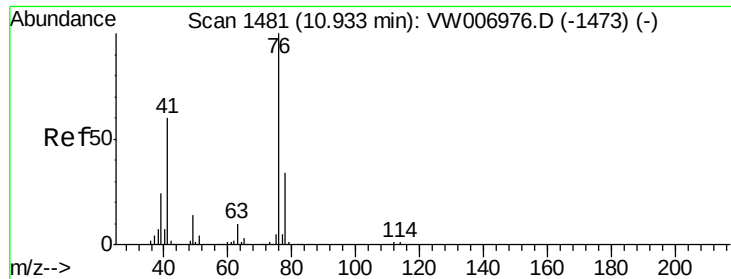
Acq: 21 Nov 2018 11:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 55255 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 65.5  | 53.4  | 80.0  |
| 39       | 34.2  | 28.2  | 42.4  |



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





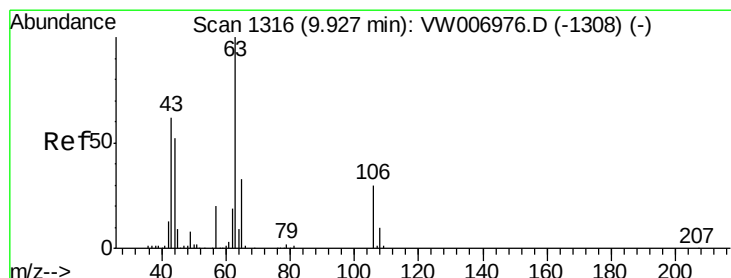
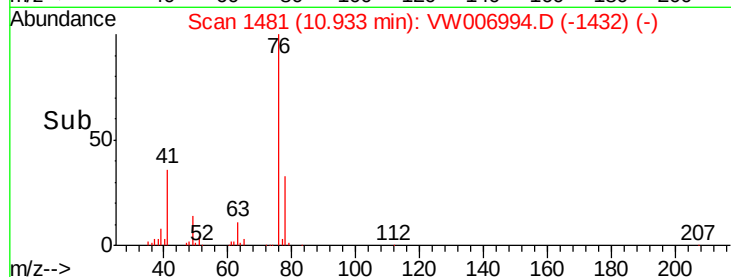
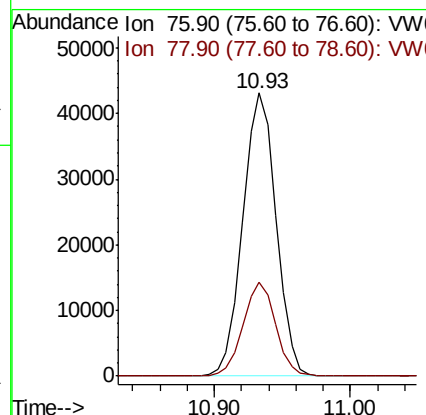
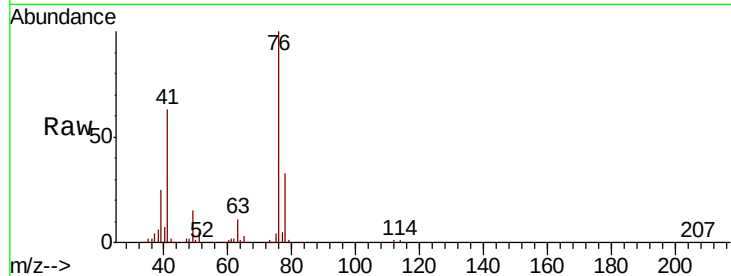
#57  
 1,3-Dichloropropane  
 Concen: 48.750 ug/l  
 RT: 10.93 min Scan# 1481  
 Delta R.T. 0.00 min  
 Lab File: VW006994.D  
 Acq: 21 Nov 2018 11:29

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

Tot Ion: 76 Resp: 73735  
 Ion Ratio Lower Upper  
 76 100  
 78 32.3 25.8 38.6

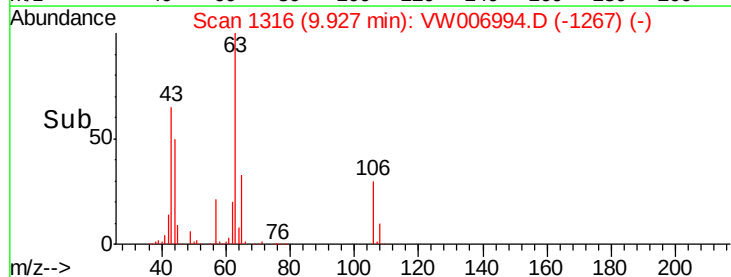
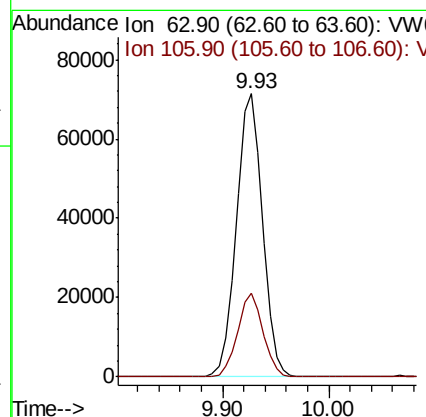
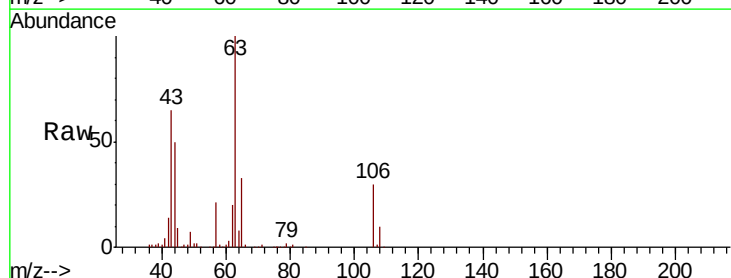
Manual Integrations  
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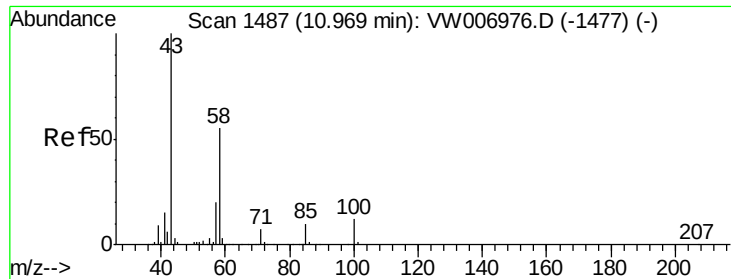
apatel  
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#58  
 2-Chloroethyl Vinyl ether  
 Concen: 224.232 ug/l  
 RT: 9.93 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VW006994.D  
 Acq: 21 Nov 2018 11:29

Tgt Ion: 63 Resp: 122757  
 Ion Ratio Lower Upper  
 63 100  
 106 28.9 23.5 35.3





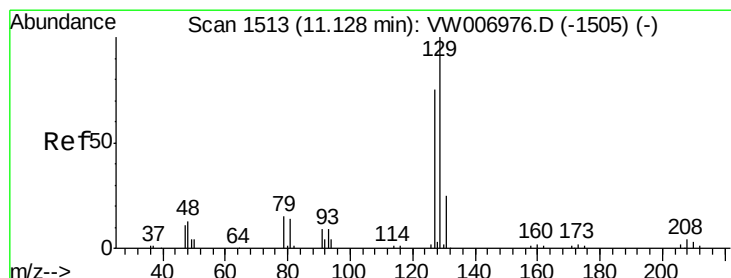
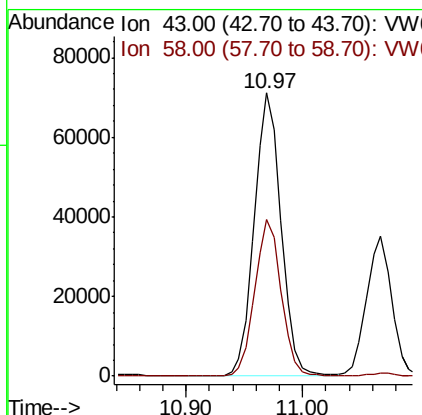
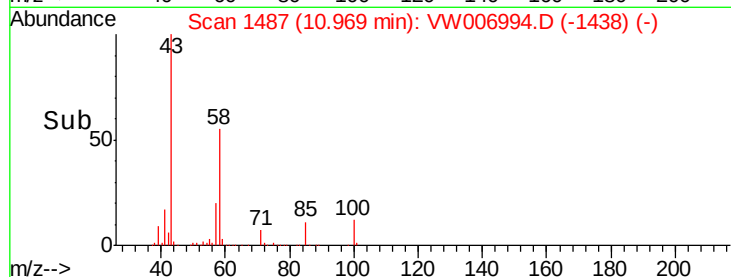
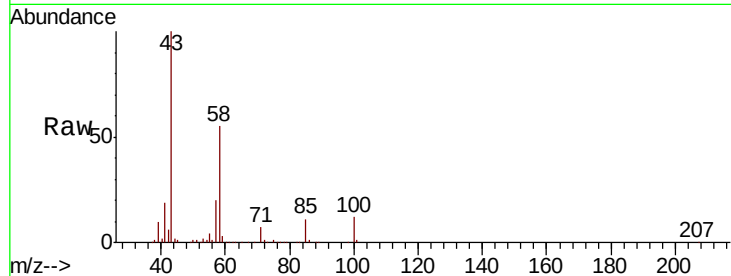
#59  
2-Hexanone  
Concen: 260.928 ug/l  
RT: 10.97 min Scan# 1487  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 43   | Resp  | 114794 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 43        | 100  |       |        |
| 58        | 54.4 | 27.3  | 81.8   |

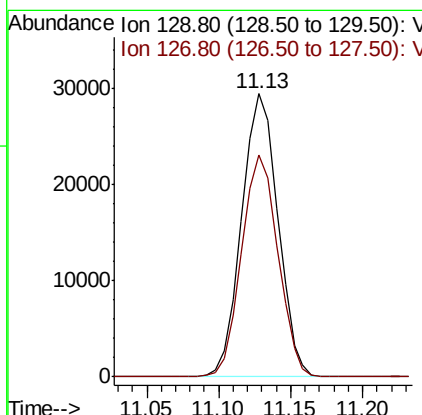
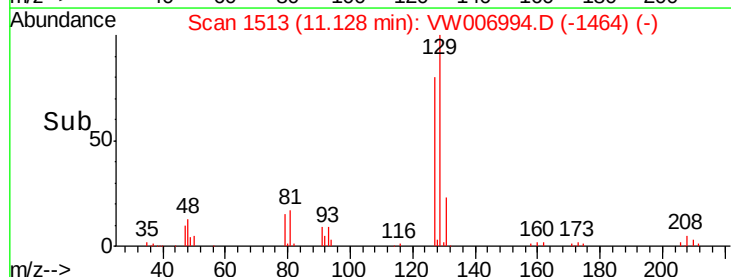
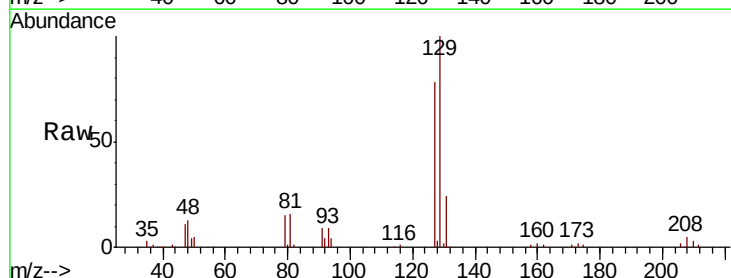
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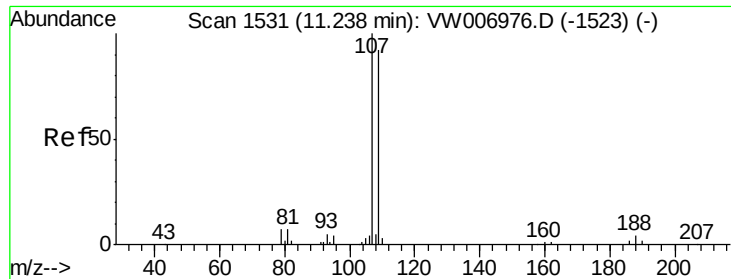
apatel  
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#60  
Dibromochloromethane  
Concen: 49.968 ug/l  
RT: 11.13 min Scan# 1513  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

| Tgt Ion   | 129  | Resp  | 51388 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 129       | 100  |       |       |
| 127       | 78.6 | 38.3  | 114.8 |





#61

1,2-Dibromoethane

Concen: 48.907 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 40379

Ion Ratio Lower Upper

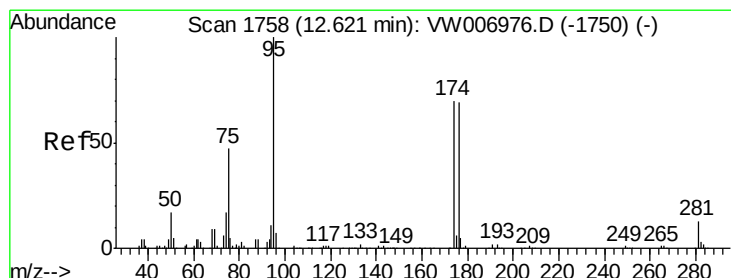
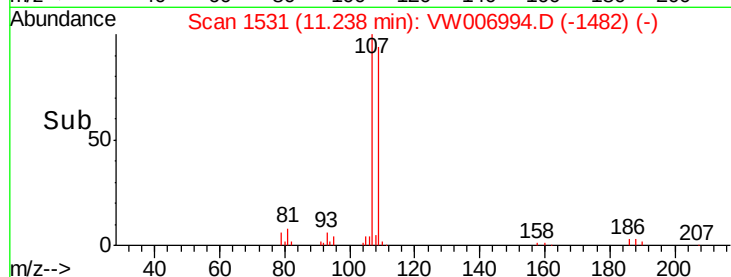
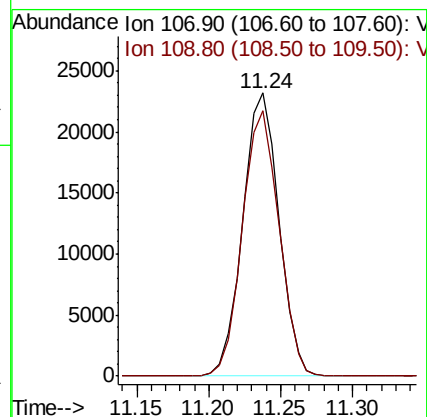
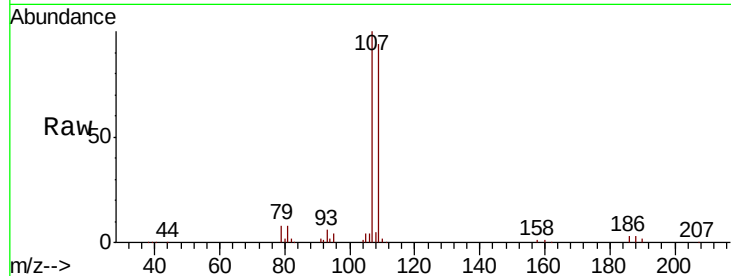
107 100

109 94.8 75.1 112.7

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#62

4-Bromofluorobenzene

Concen: 50.324 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

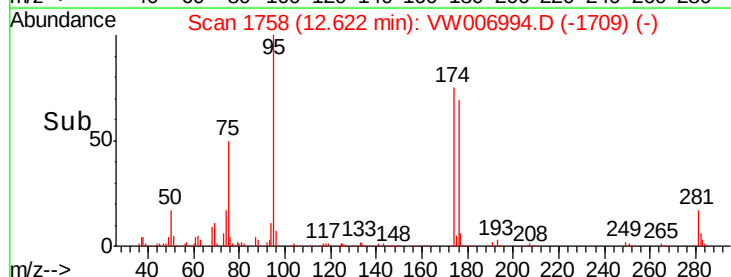
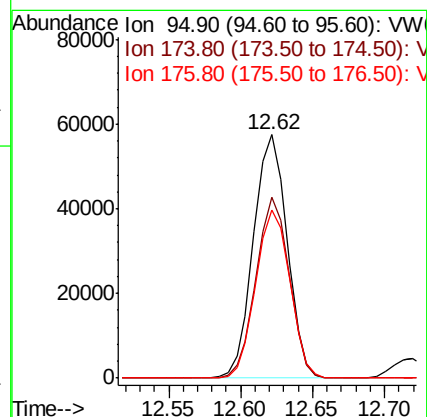
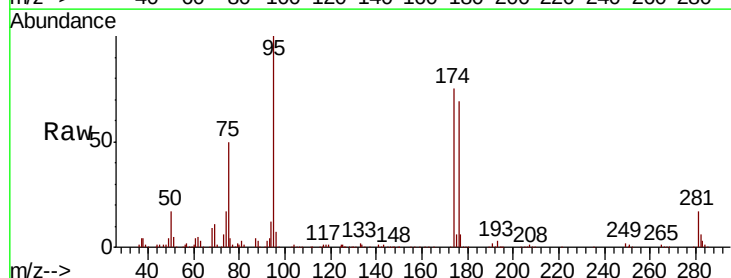
Tgt Ion: 95 Resp: 93035

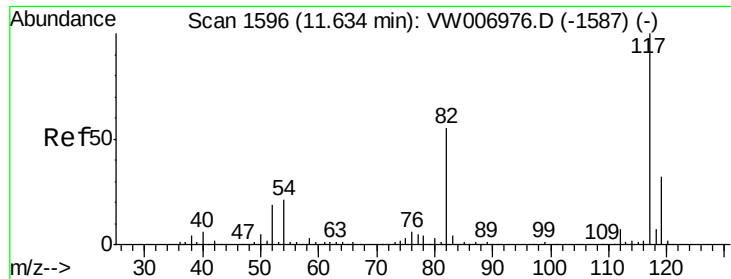
Ion Ratio Lower Upper

95 100

174 73.1 0.0 143.6

176 69.8 0.0 140.4





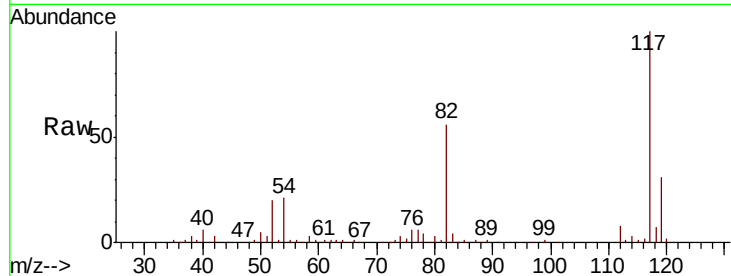
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 11.63 min Scan# 1596  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 55.9  | 44.2  | 66.2  |
| 119     | 31.5  | 25.9  | 38.9  |

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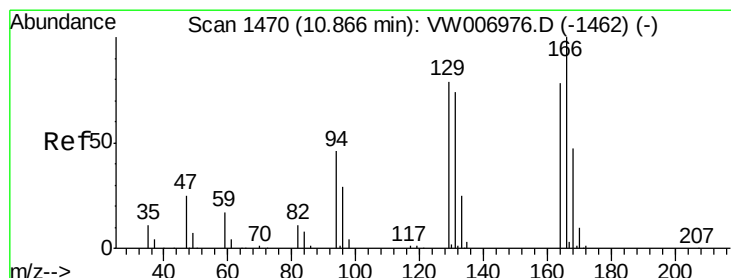
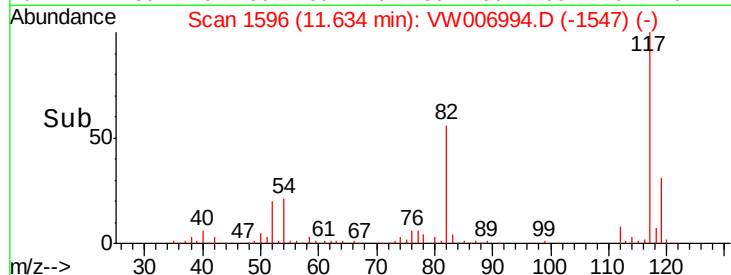
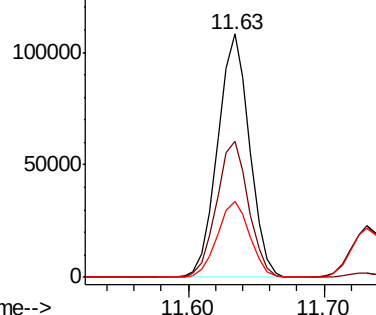


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): V



#64  
Tetrachloroethene  
Concen: 51.044 ug/l  
RT: 10.87 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 122.9 | 102.1 | 153.1 |
| 129     | 97.9  | 80.4  | 120.6 |
| 131     | 92.1  | 75.2  | 112.8 |

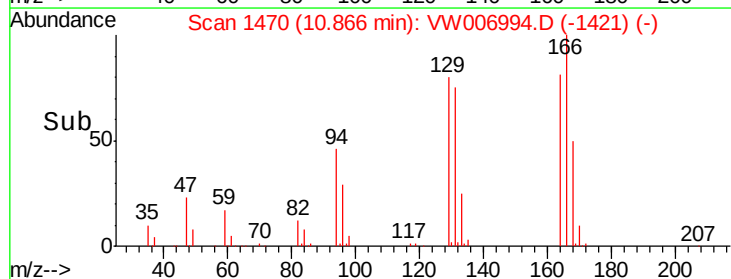
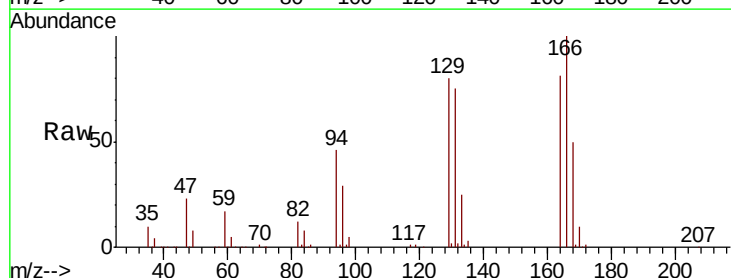
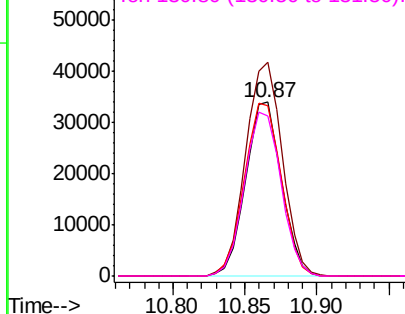
Abundance

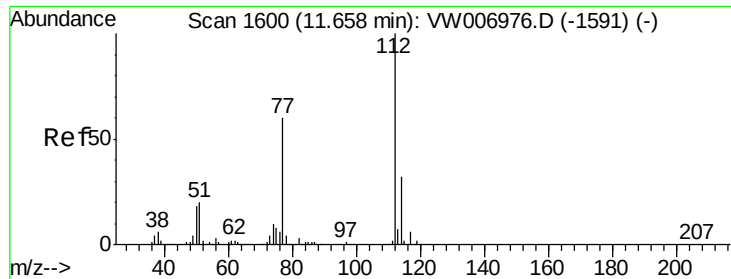
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





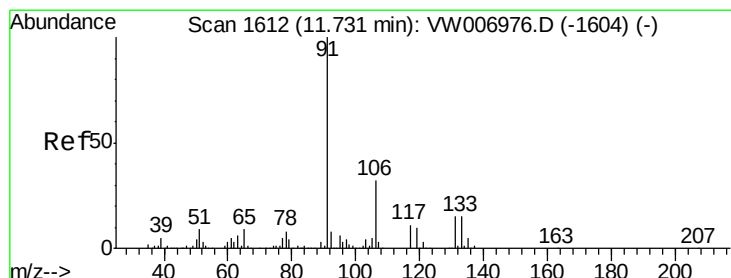
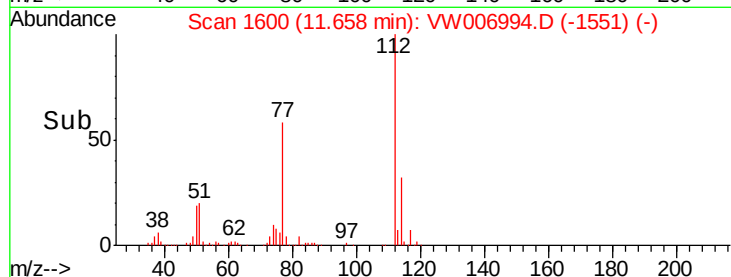
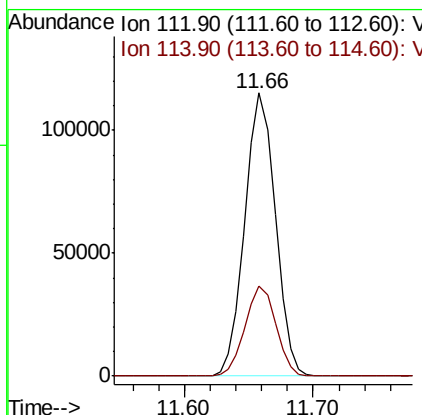
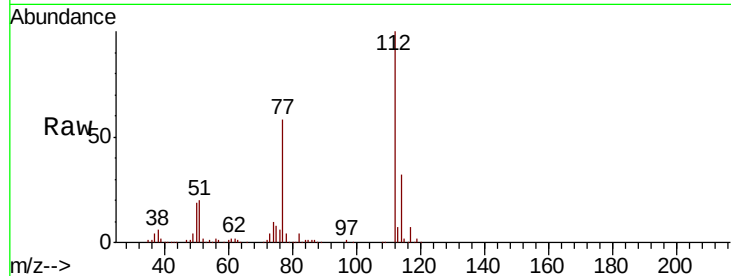
#65  
Chlorobenzene  
Concen: 51.068 ug/l  
RT: 11.66 min Scan# 1600  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 31.6  | 25.8  | 38.8  |

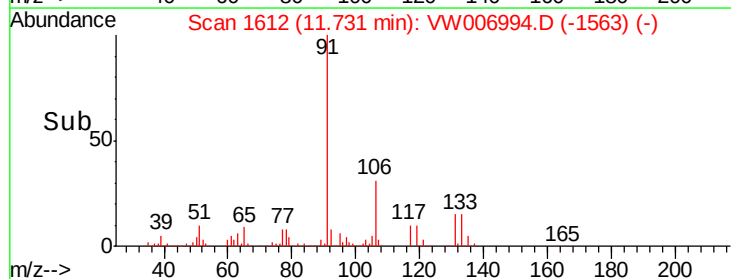
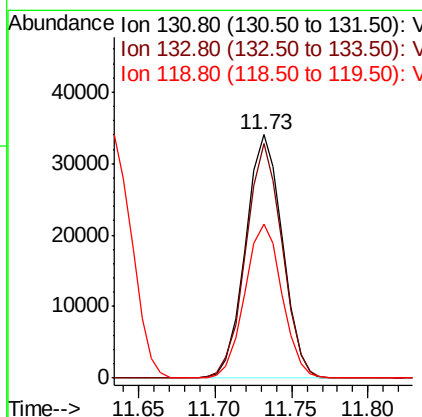
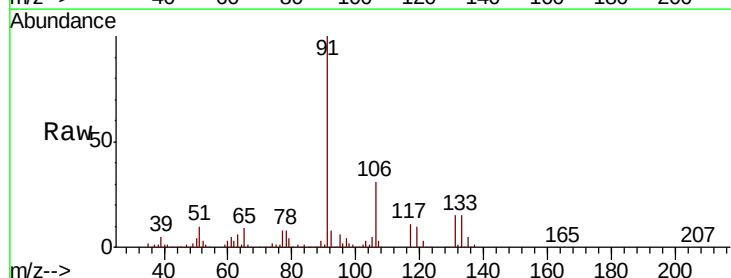
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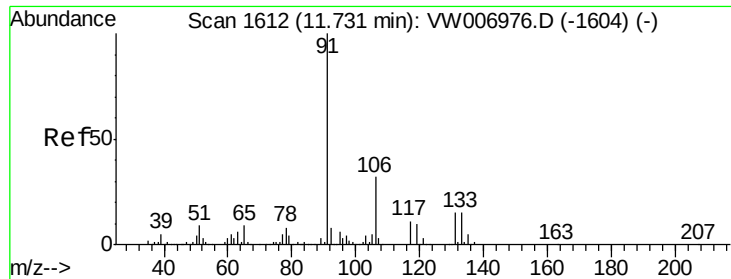
apatel  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.032 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 95.3  | 47.7  | 143.1 |
| 119     | 63.7  | 31.8  | 95.3  |





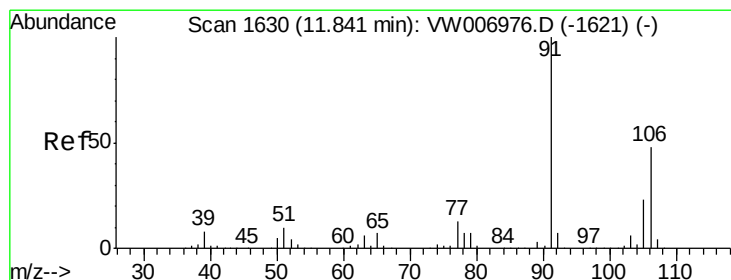
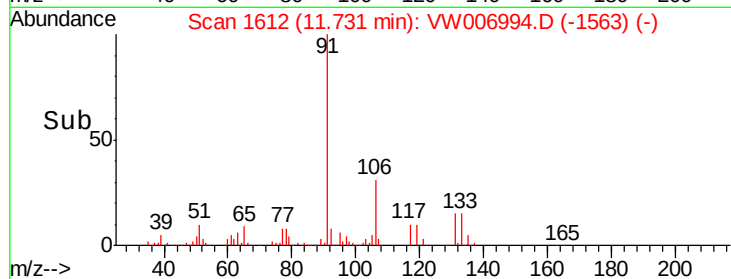
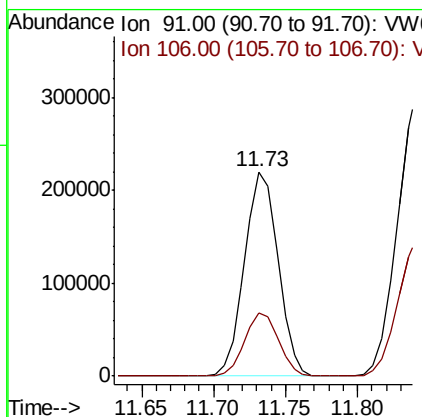
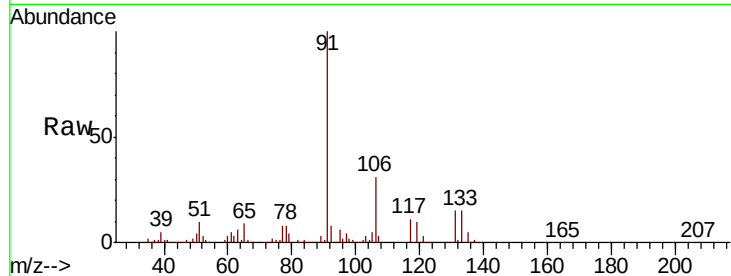
#67  
Ethyl Benzene  
Concen: 52.311 ug/l  
RT: 11.73 min Scan# 1612  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion   | 91    | Resp  | 355961 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 106       | 30.9  | 25.4  | 38.2   |

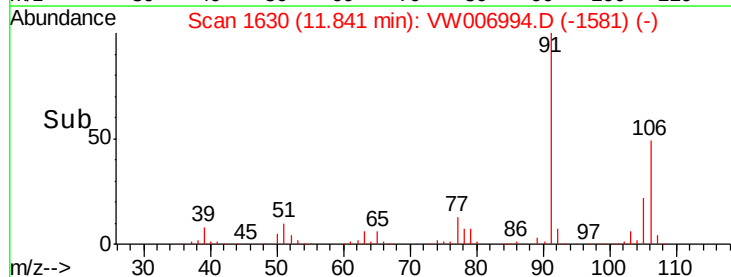
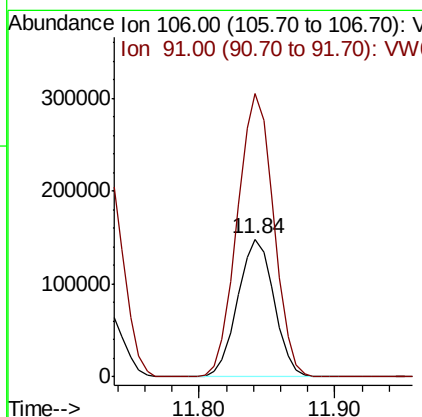
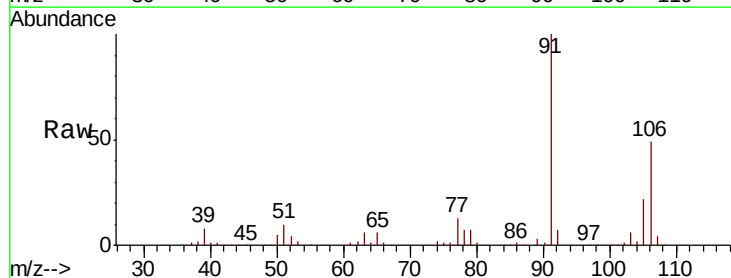
Manual Integrations  
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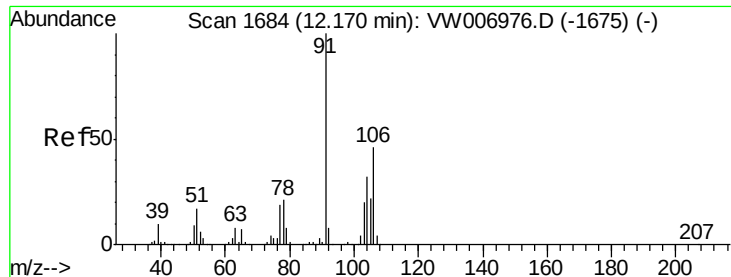
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#68  
m/p-Xylenes  
Concen: 103.492 ug/l  
RT: 11.84 min Scan# 1630  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

| Tgt Ion   | 106   | Resp  | 276294 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 106       | 100   |       |        |
| 91        | 206.1 | 164.8 | 247.2  |





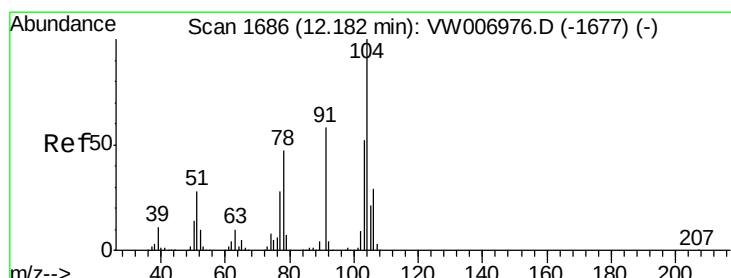
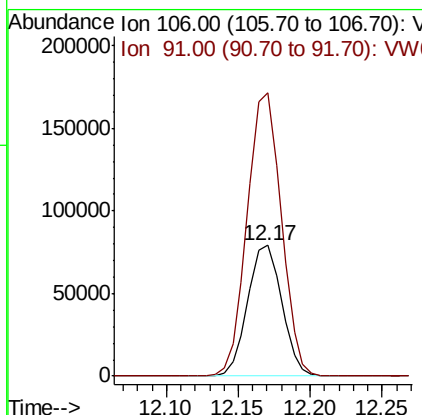
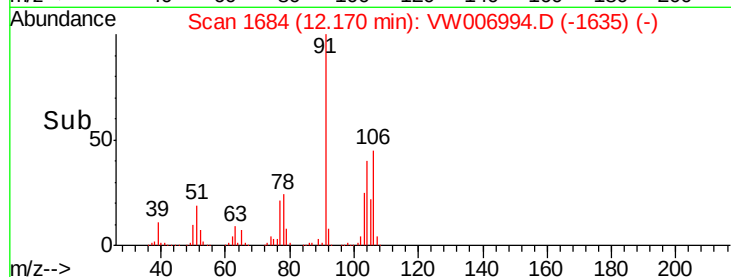
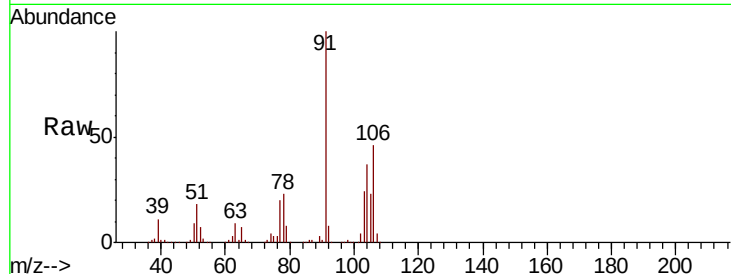
#69  
o-Xylene  
Concen: 51.729 ug/l  
RT: 12.17 min Scan# 1684  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 215.9 | 107.9 | 323.8 |

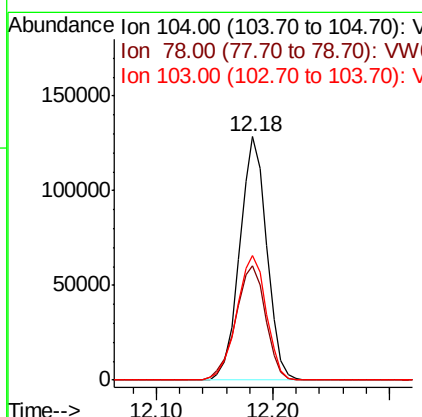
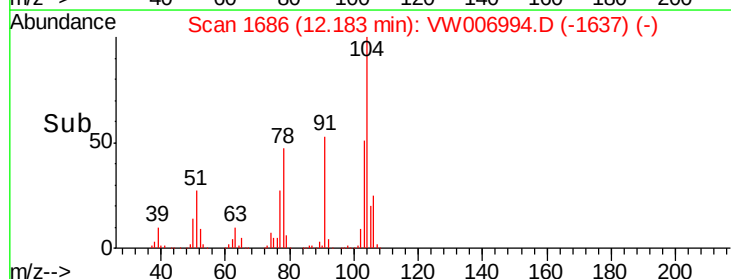
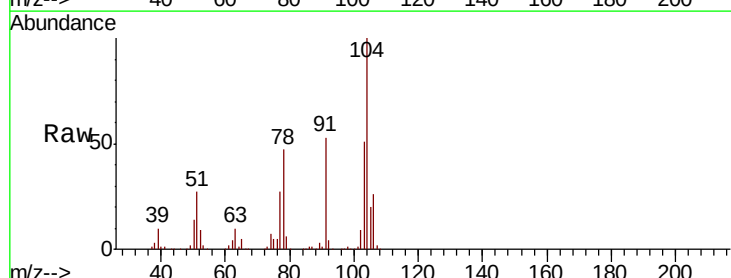
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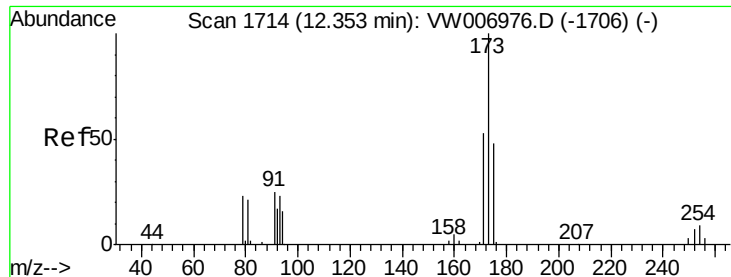


#70  
Styrene  
Concen: 51.764 ug/l  
RT: 12.18 min Scan# 1686  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 52.2  | 41.8  | 62.8  |
| 103     | 56.2  | 44.4  | 66.6  |







#71

Bromoform

Concen: 50.826 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.00 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 26829

Ion Ratio Lower Upper

173 100

175 48.0 24.0 72.0

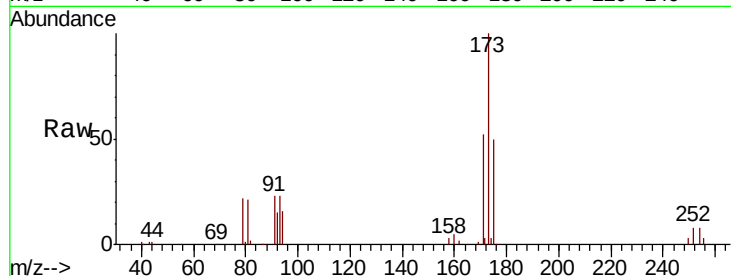
254 0.0 0.0 0.0

Manual Integrations

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apatel

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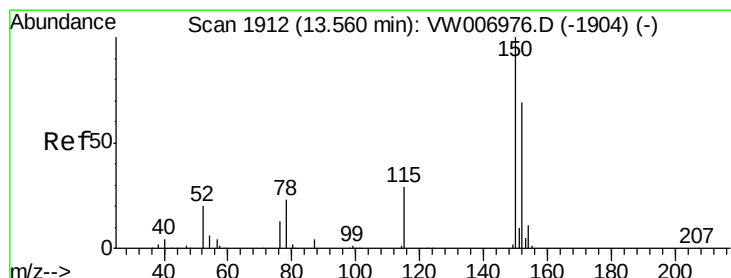
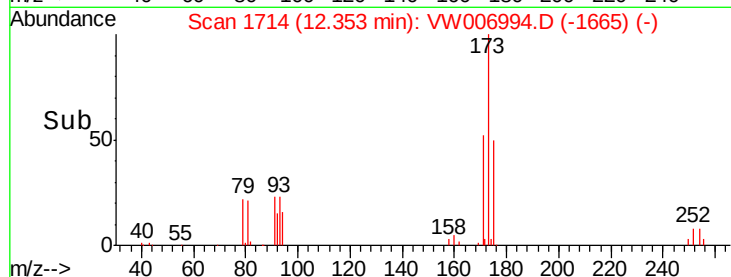
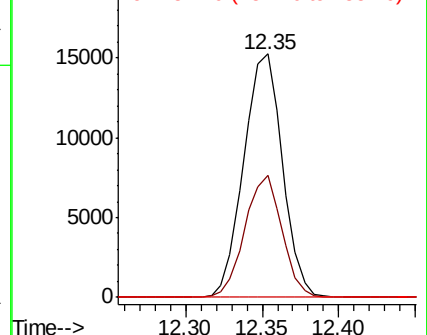


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

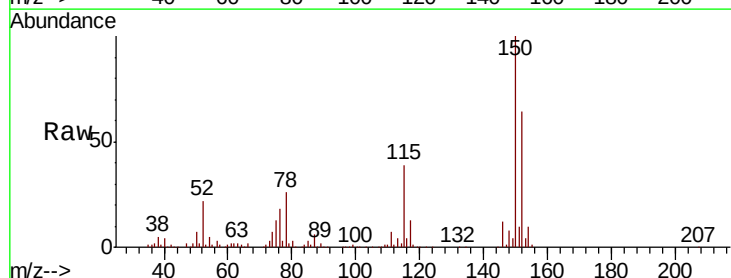
Tgt Ion:152 Resp: 88370

Ion Ratio Lower Upper

152 100

115 61.3 31.4 94.2

150 173.5 0.0 353.4

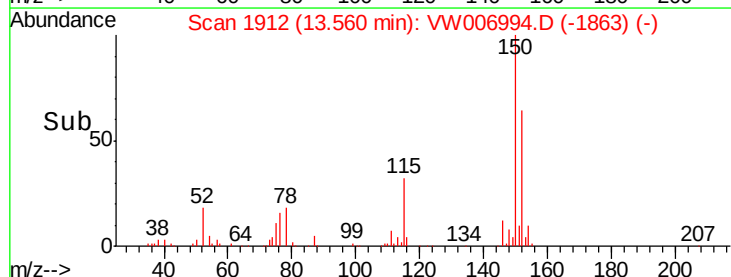
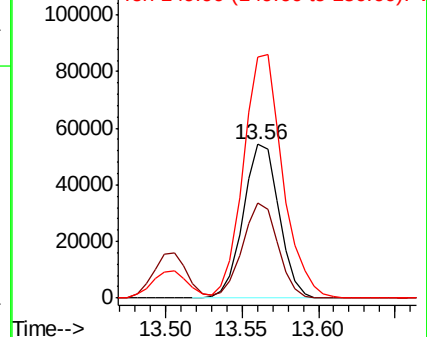


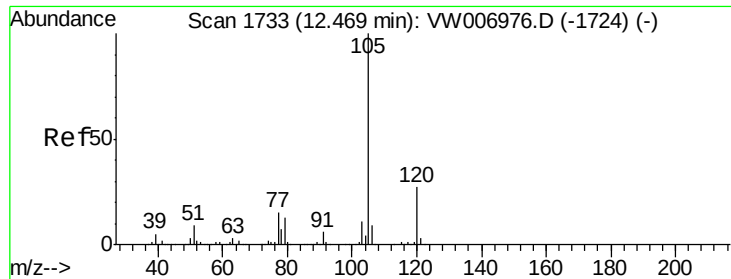
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 52.363 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 359632

Ion Ratio Lower Upper

105 100

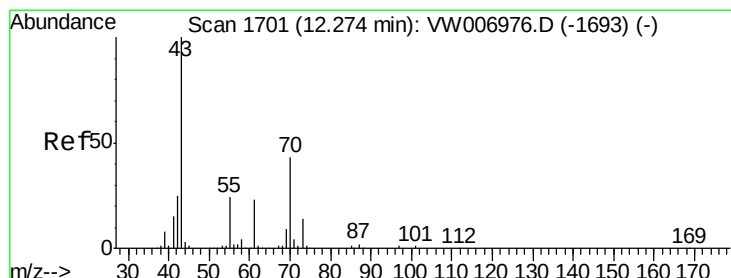
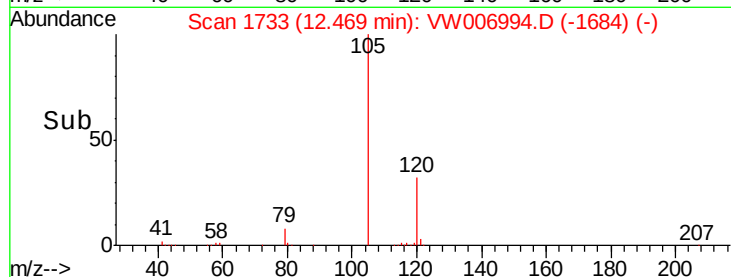
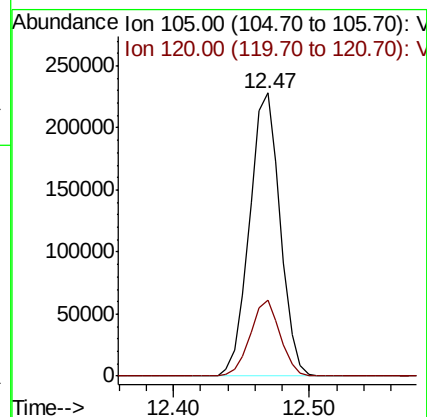
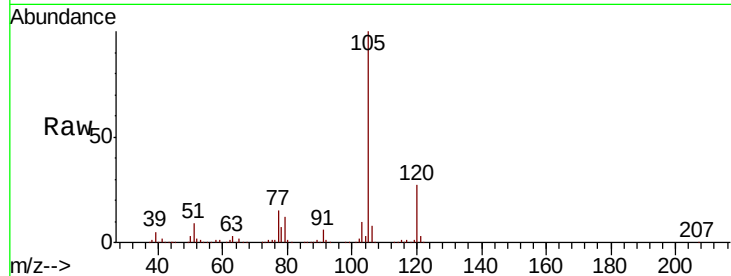
120 26.1 13.3 39.8

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#74

N-ethyl acetate

Concen: 52.443 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

Tgt Ion: 43 Resp: 60366

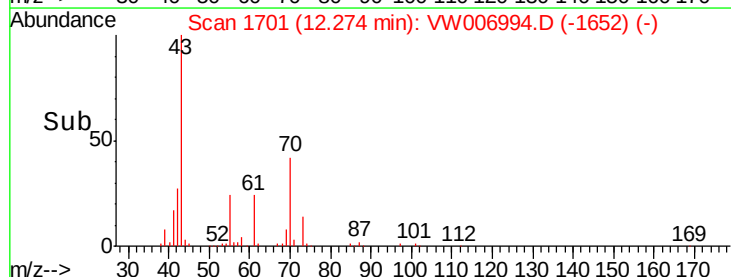
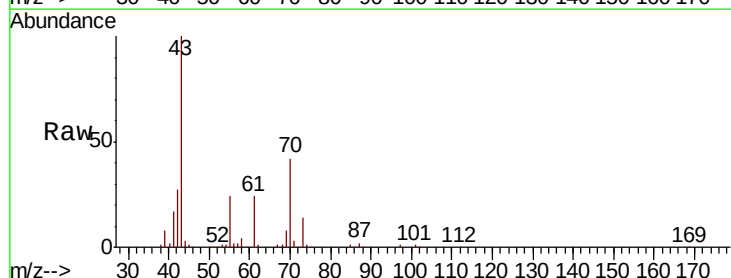
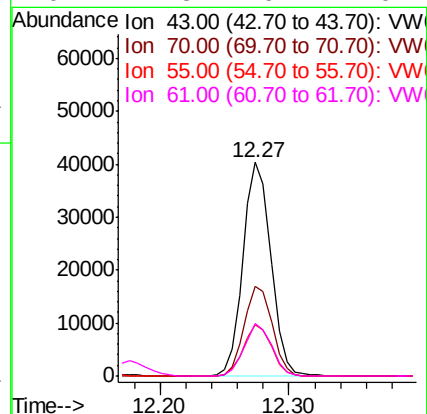
Ion Ratio Lower Upper

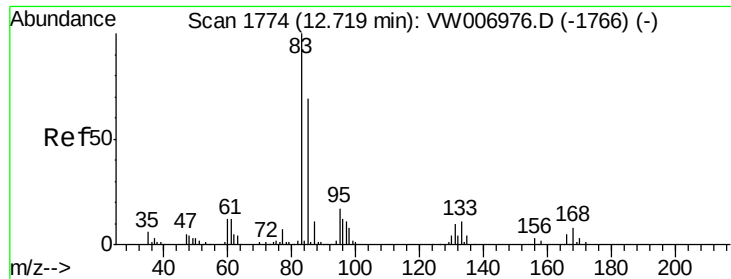
43 100

70 42.3 34.0 51.0

55 24.4 19.4 29.0

61 24.3 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 49.570 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

Instrument :

MSVOA\_W

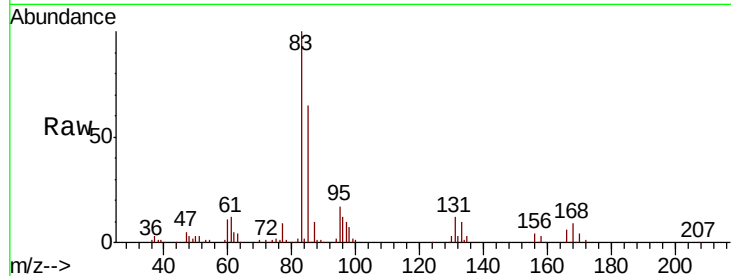
ClientSampleId :

VSTDCCC050

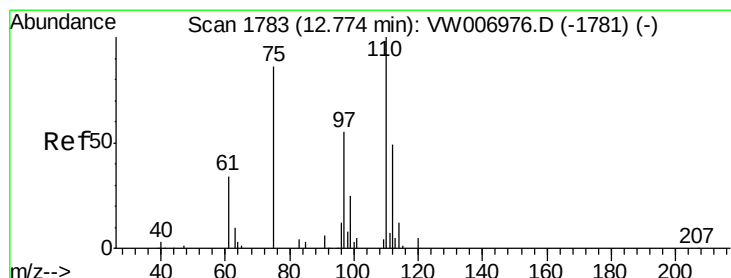
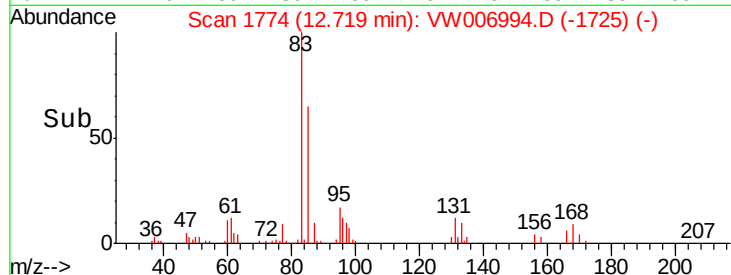
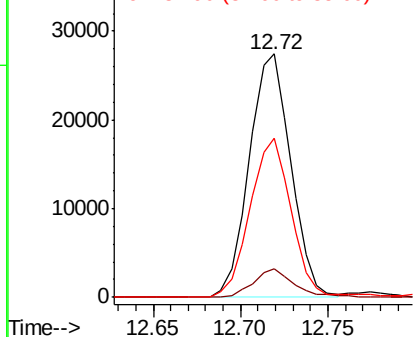
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 45308 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 131      | 11.5  | 5.7   | 17.1  |
| 85       | 64.4  | 33.1  | 99.2  |

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Abundance Ion 82.90 (82.60 to 83.60): VW  
Ion 130.80 (130.50 to 131.50): V  
Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 48.372 ug/l m

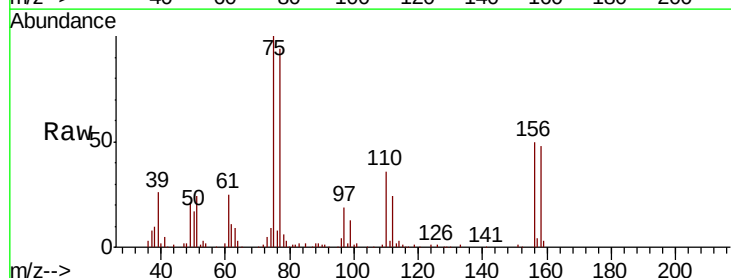
RT: 12.77 min Scan# 1782

Delta R.T. -0.01 min

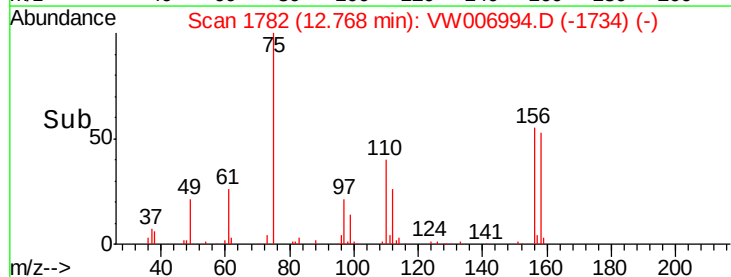
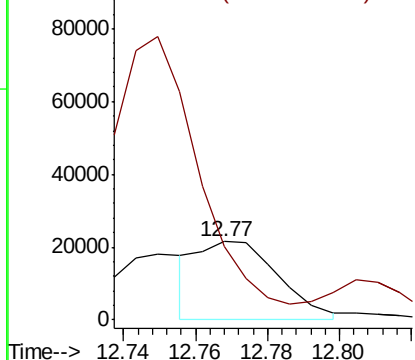
Lab File: VW006994.D

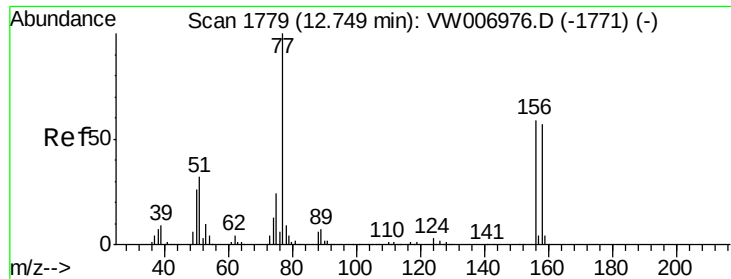
Acq: 21 Nov 2018 11:29

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 33590 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 77       | 415.4 | 0.0   | 0.0#  |



Abundance Ion 74.90 (74.60 to 75.60): VW  
Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 50.596 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW006994.D

Acq: 21 Nov 2018 11:29

Instrument :

MSVOA\_W

ClientSampleId :

VSTDCCC050

Tot Ion:156 Resp: 74635

Ion Ratio Lower Upper

156 100

77 187.0 94.6 283.8

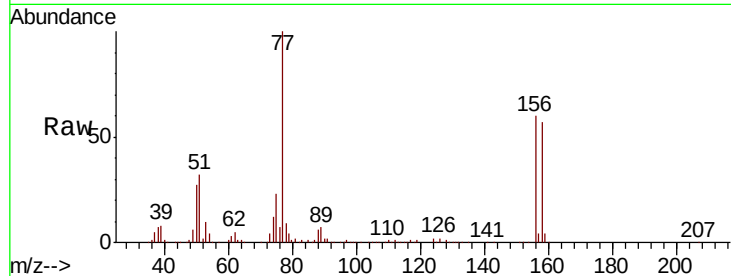
158 97.0 48.9 146.7

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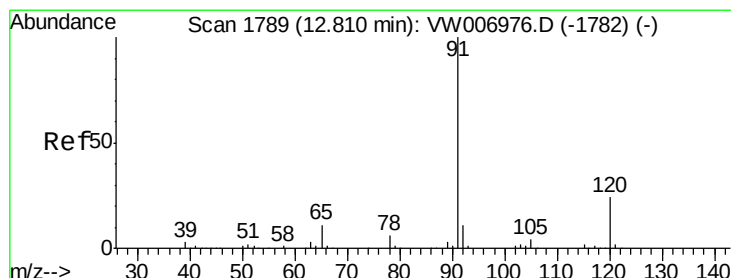
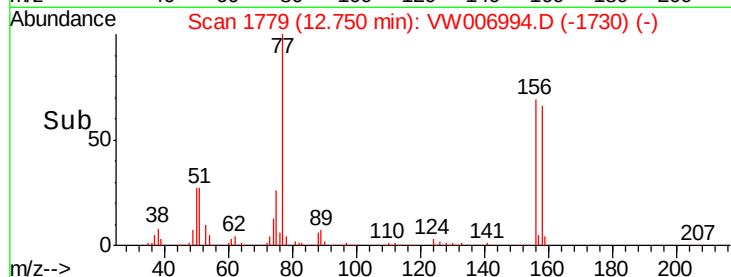
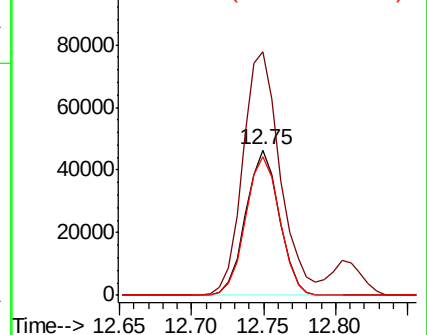
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 51.978 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VW006994.D

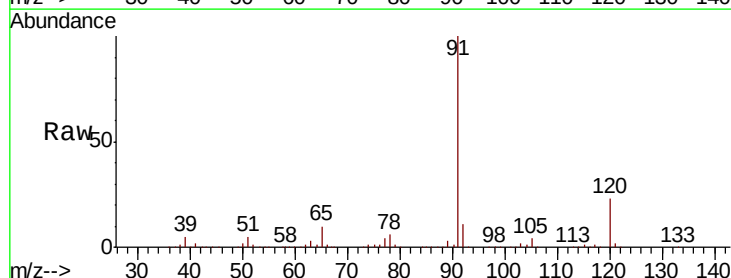
Acq: 21 Nov 2018 11:29

Tgt Ion: 91 Resp: 432418

Ion Ratio Lower Upper

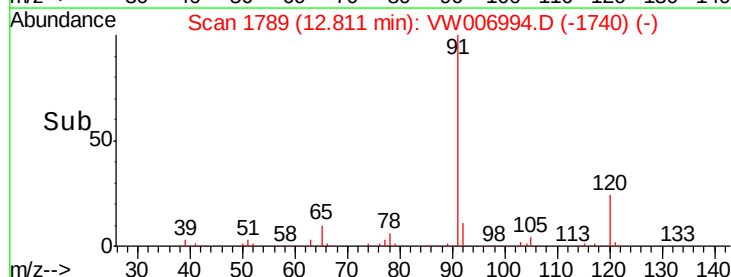
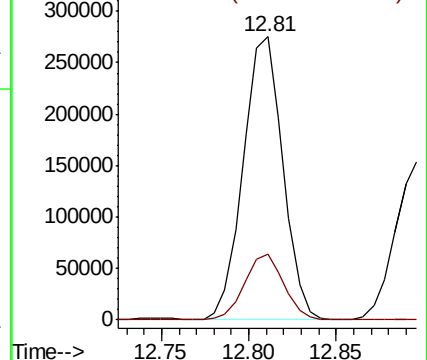
91 100

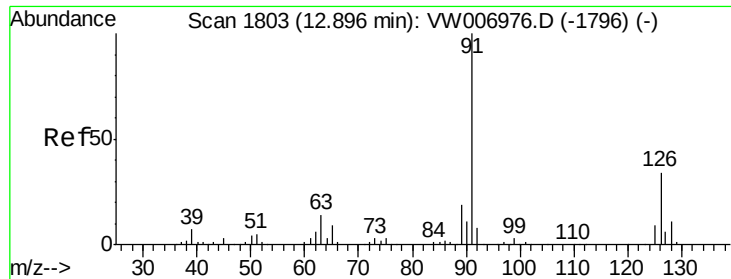
120 23.0 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





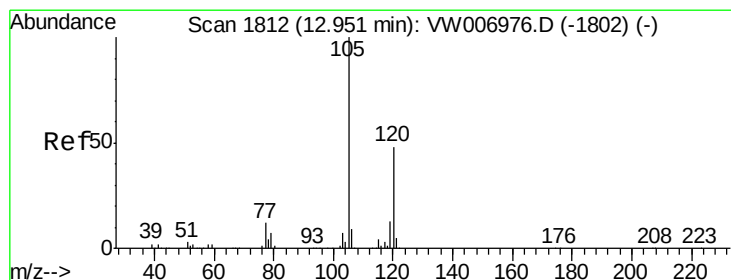
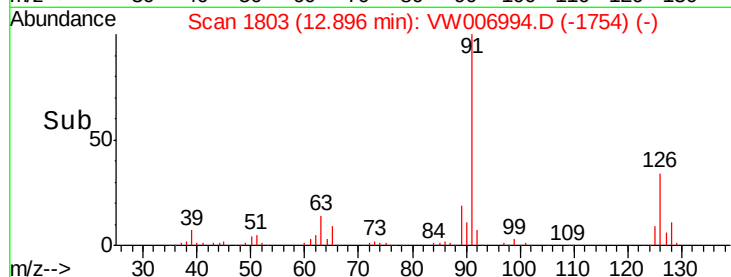
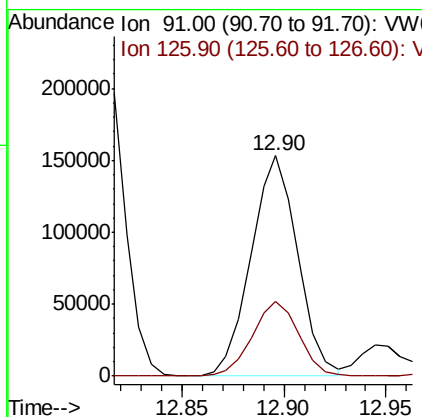
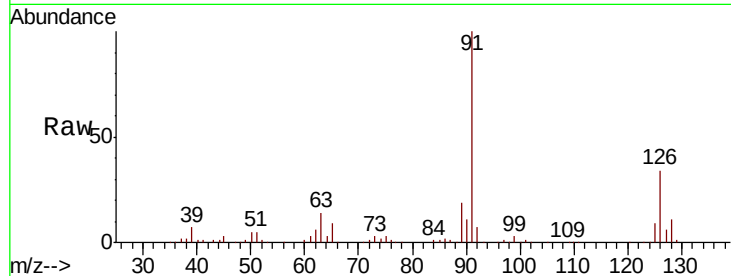
#79  
2-Chlorotoluene  
Concen: 50.826 ug/l  
RT: 12.90 min Scan# 1803  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

Tot Ion: 91 Resp: 243803  
Ion Ratio Lower Upper  
91 100  
126 33.6 16.7 50.0

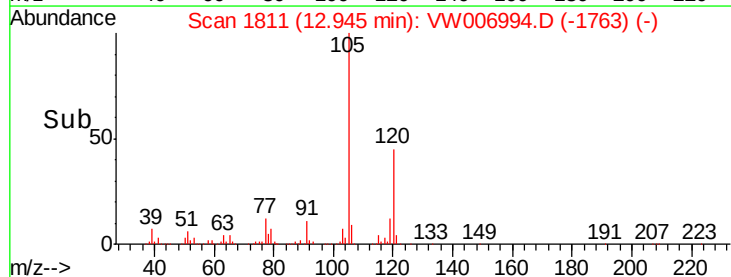
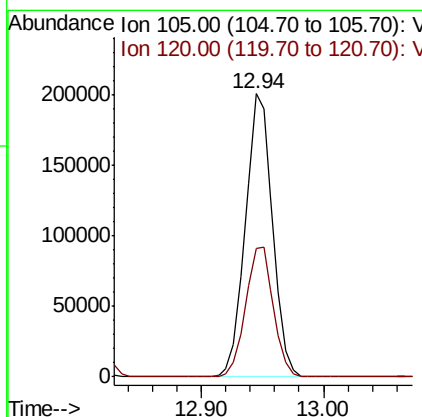
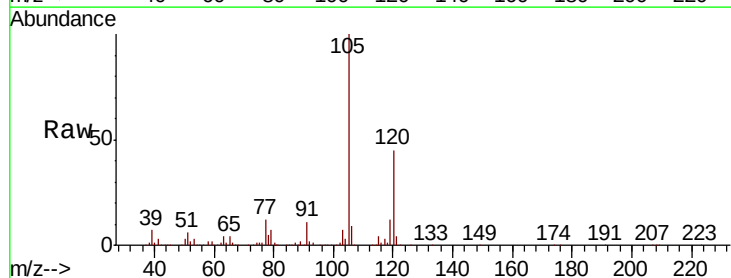
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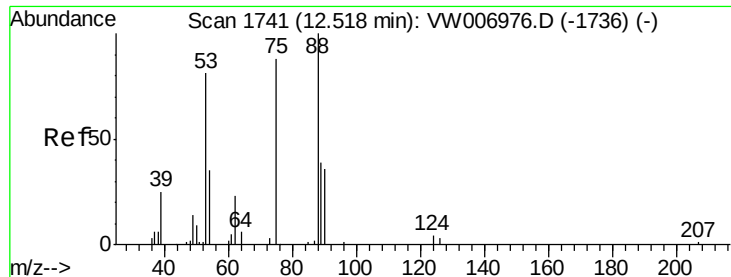
apatel  
11/26/2018 12:16:19 PM



#80  
1,3,5-Trimethylbenzene  
Concen: 51.777 ug/l  
RT: 12.94 min Scan# 1811  
Delta R.T. -0.01 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

Tgt Ion:105 Resp: 307508  
Ion Ratio Lower Upper  
105 100  
120 47.2 23.8 71.2





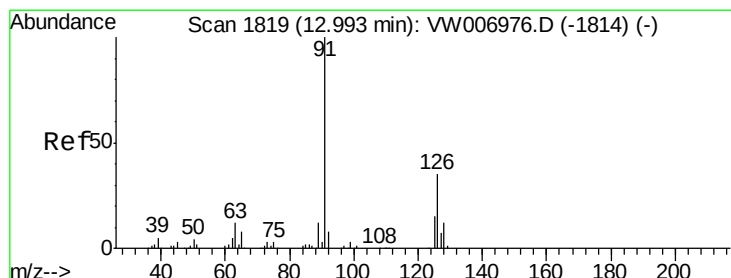
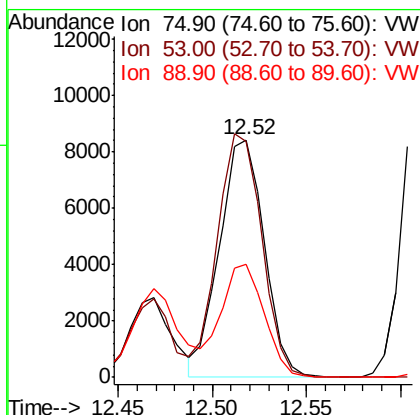
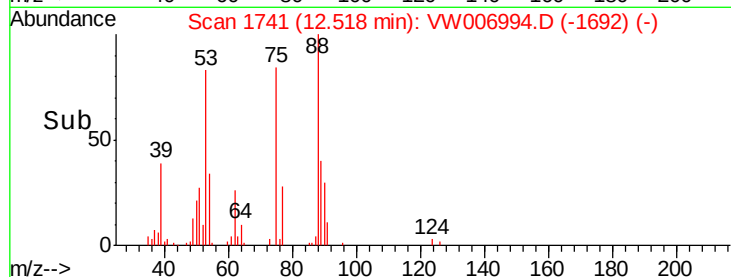
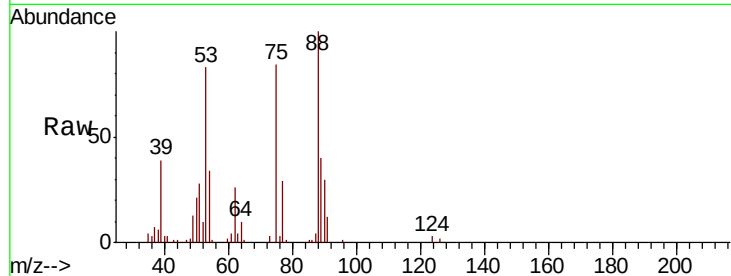
#81  
trans-1,4-Dichloro-2-butene  
Concen: 50.302 ug/l  
RT: 12.52 min Scan# 1741  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 53      | 101.9 | 77.6  | 116.4 |
| 89      | 45.9  | 39.3  | 58.9  |

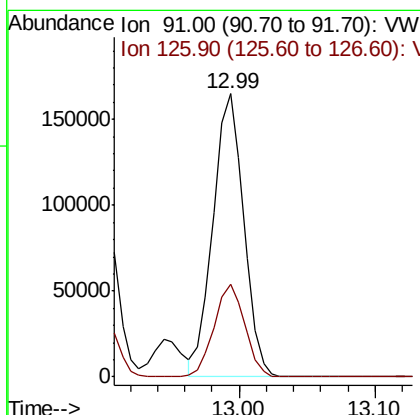
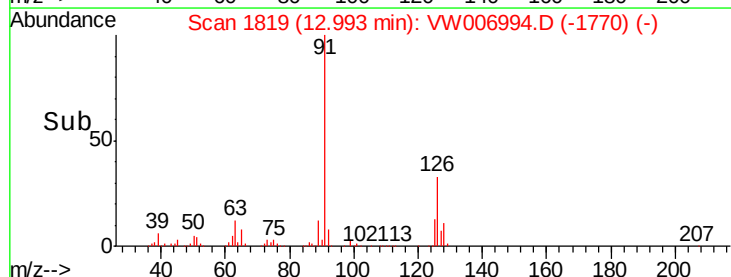
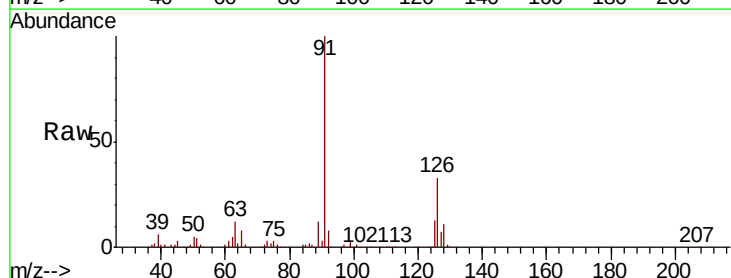
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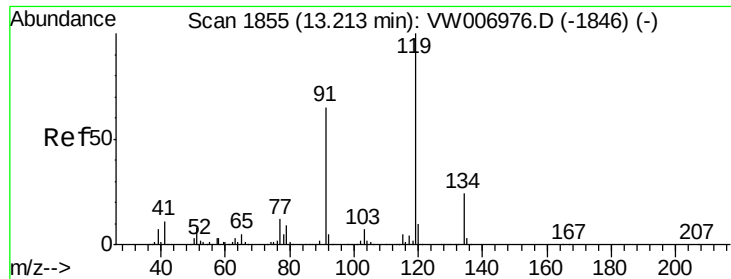
apatel  
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#82  
4-Chlorotoluene  
Concen: 51.362 ug/l  
RT: 12.99 min Scan# 1819  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 126     | 32.8  | 16.6  | 49.7  |





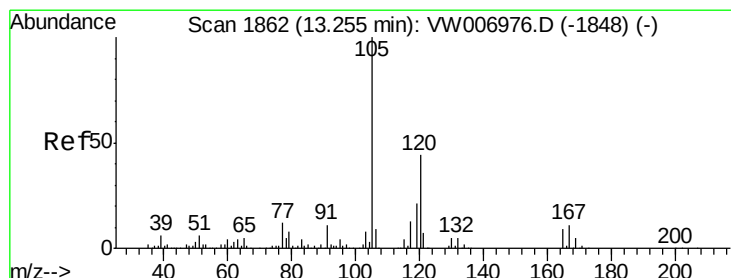
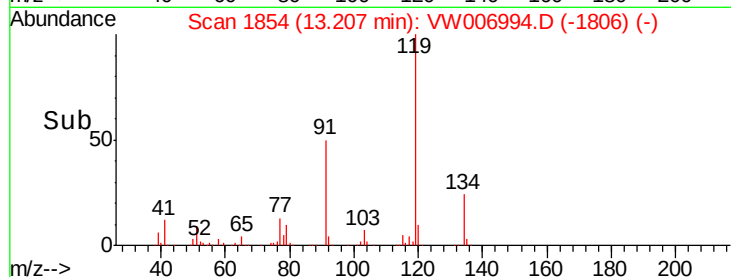
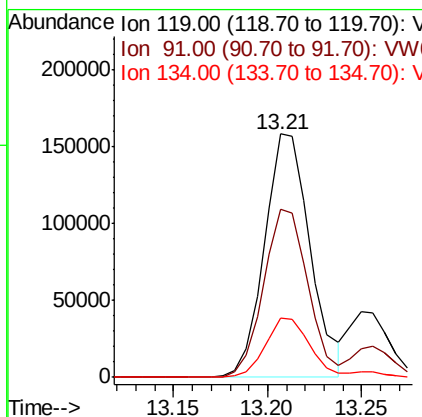
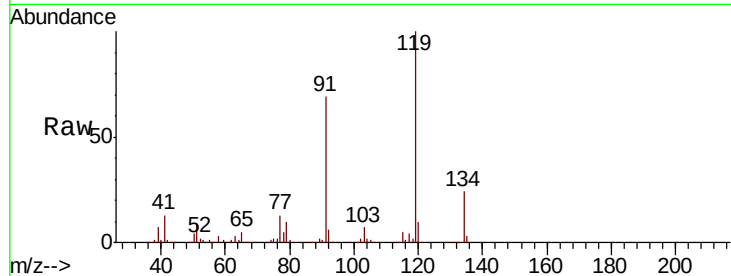
#83  
 tert-Butylbenzene  
 Concen: 51.753 ug/l  
 RT: 13.21 min Scan# 1854  
 Delta R.T. -0.01 min  
 Lab File: VW006994.D  
 Acq: 21 Nov 2018 11:29

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 266114 |       |       |
| 91      | 67.1  | 33.5   | 100.5 |       |
| 134     | 23.9  | 12.6   | 37.8  |       |

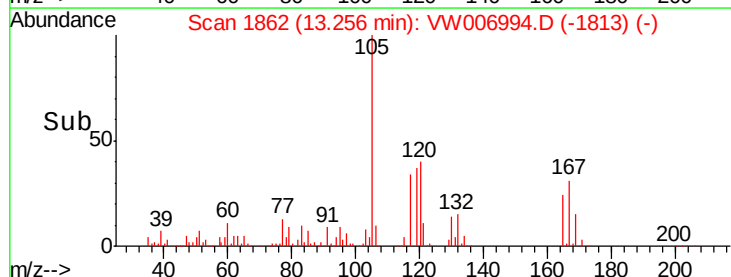
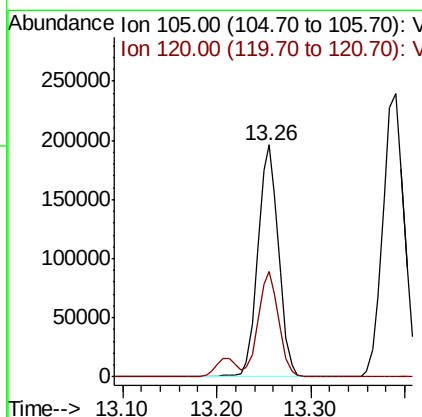
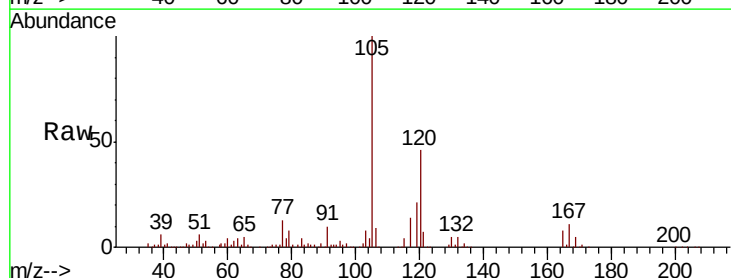
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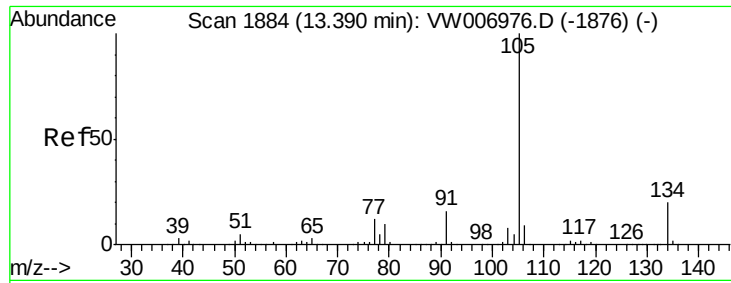
apatel  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 51.384 ug/l  
 RT: 13.26 min Scan# 1862  
 Delta R.T. 0.00 min  
 Lab File: VW006994.D  
 Acq: 21 Nov 2018 11:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 304049 |       |       |
| 120     | 44.8  | 21.8   | 65.3  |       |





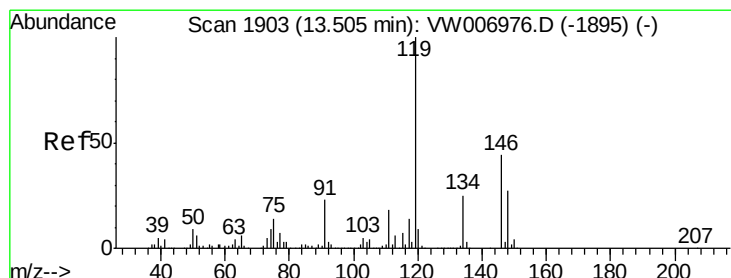
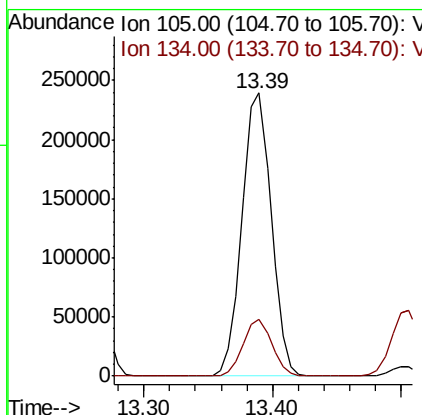
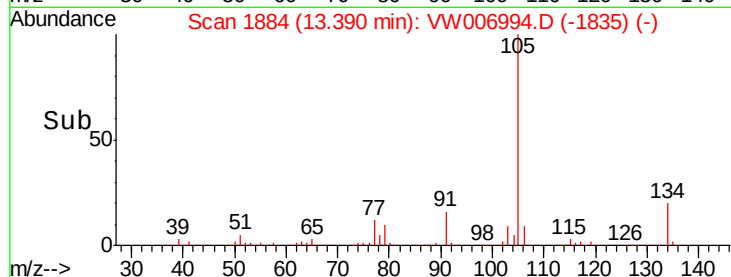
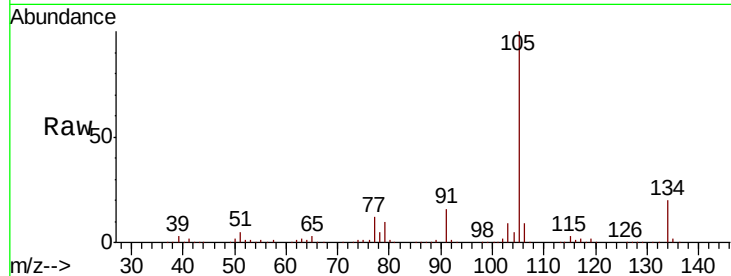
#85  
 sec-Butylbenzene  
 Concen: 51.760 ug/l  
 RT: 13.39 min Scan# 1884  
 Delta R.T. 0.00 min  
 Lab File: VW006994.D  
 Acq: 21 Nov 2018 11:29

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 134     | 19.8  | 9.8   | 29.3  |

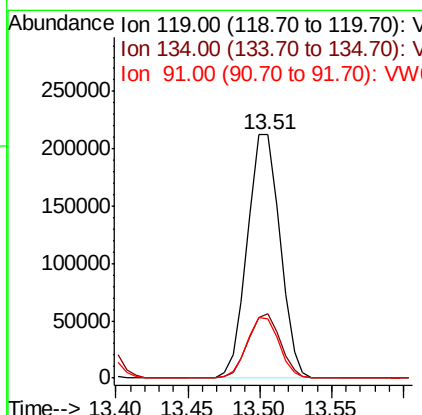
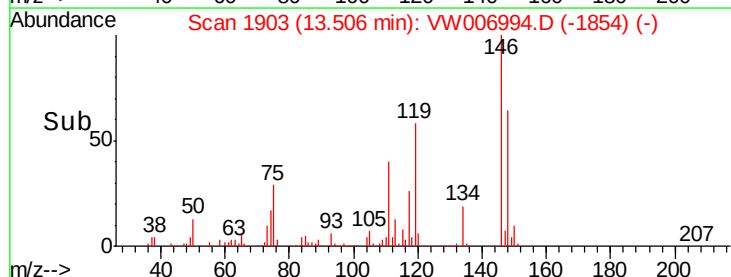
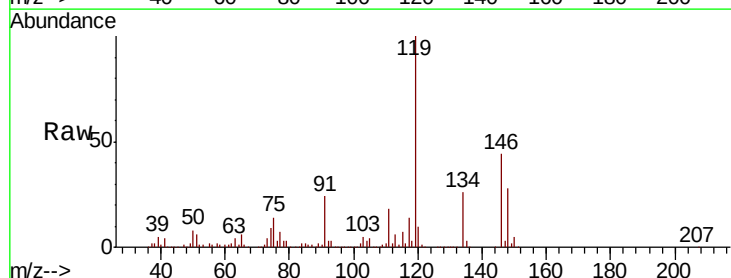
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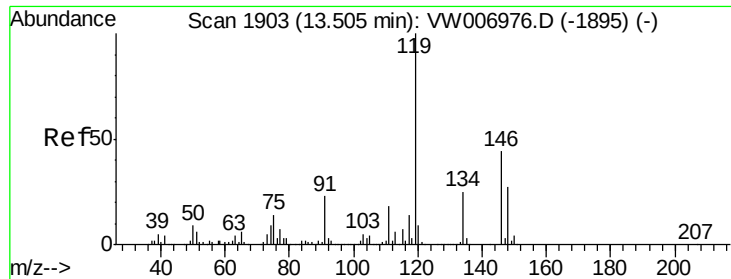


#86  
 p-Isopropyltoluene  
 Concen: 51.986 ug/l  
 RT: 13.51 min Scan# 1903  
 Delta R.T. 0.00 min  
 Lab File: VW006994.D  
 Acq: 21 Nov 2018 11:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 26.0  | 12.8  | 38.3  |
| 91      | 24.5  | 12.2  | 36.6  |







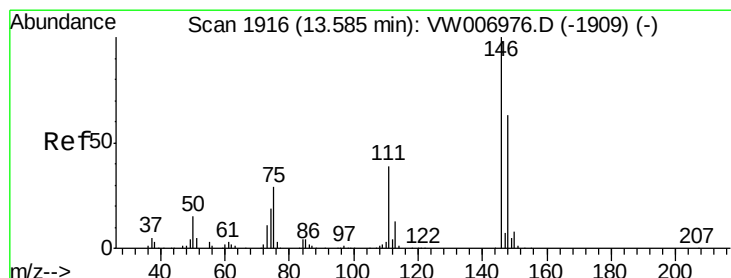
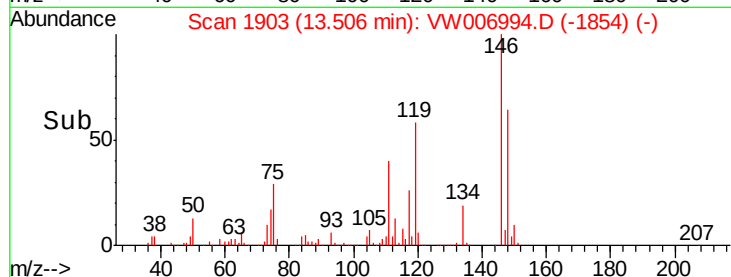
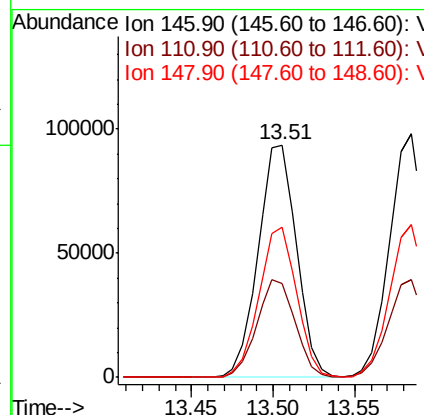
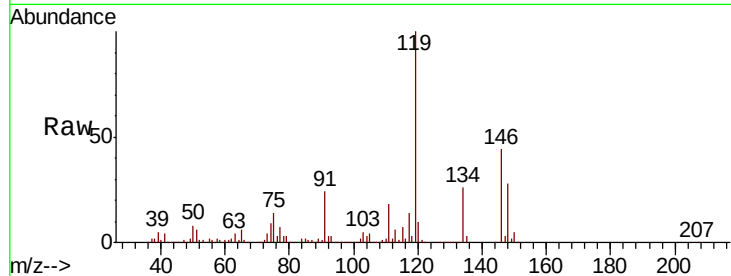
#87  
 1,3-Dichlorobenzene  
 Concen: 51.030 ug/l  
 RT: 13.51 min Scan# 1903  
 Delta R.T. 0.00 min  
 Lab File: VW006994.D  
 Acq: 21 Nov 2018 11:29

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 153678 |       |       |
| 111     | 41.8  | 21.1   | 63.3  |       |
| 148     | 63.2  | 31.6   | 94.8  |       |

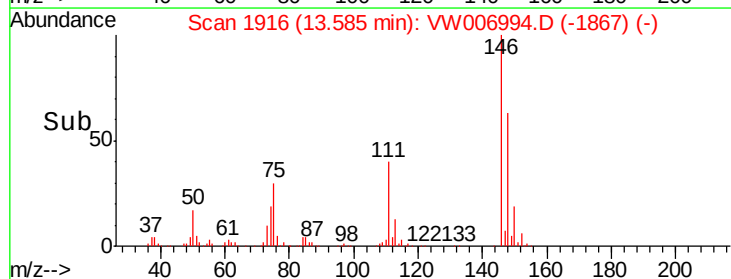
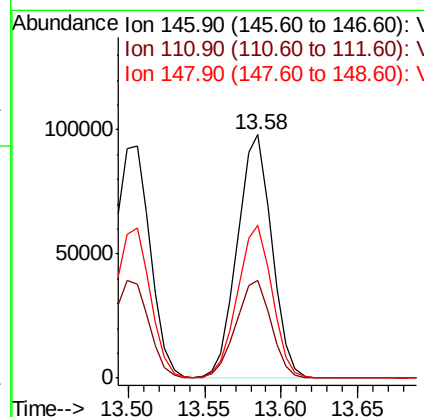
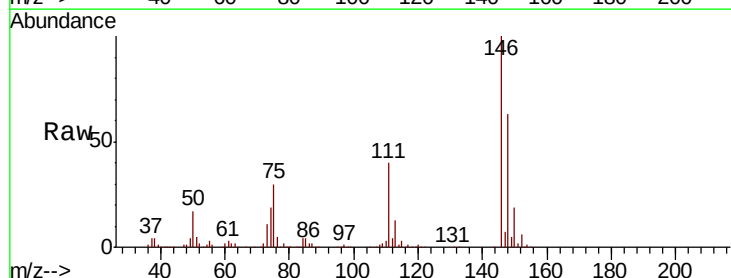
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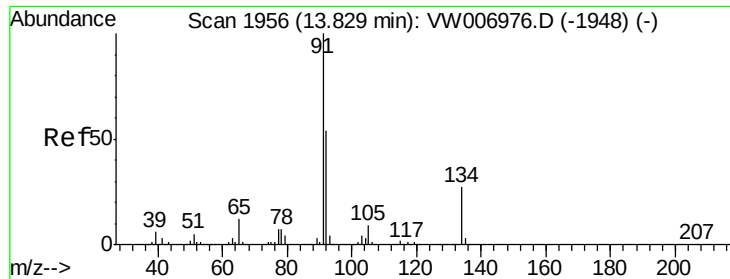
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#88  
 1,4-Dichlorobenzene  
 Concen: 51.143 ug/l  
 RT: 13.58 min Scan# 1916  
 Delta R.T. 0.00 min  
 Lab File: VW006994.D  
 Acq: 21 Nov 2018 11:29

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 153561 |       |       |
| 111     | 41.2  | 20.6   | 61.8  |       |
| 148     | 62.9  | 32.3   | 96.8  |       |





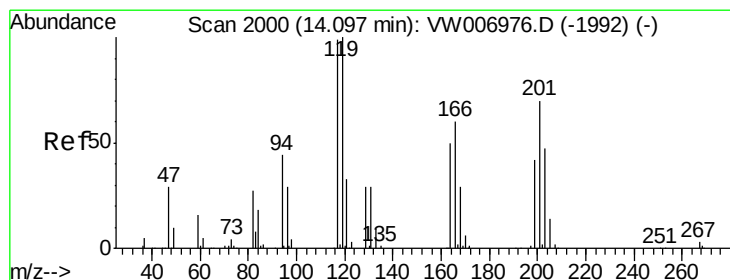
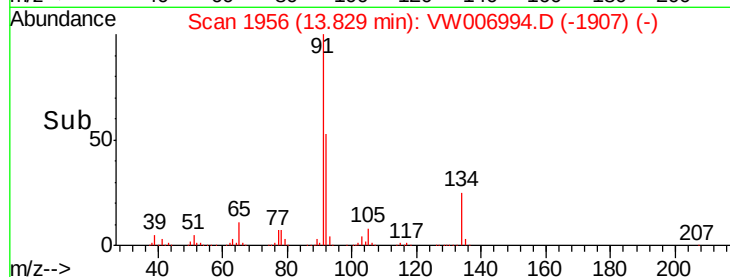
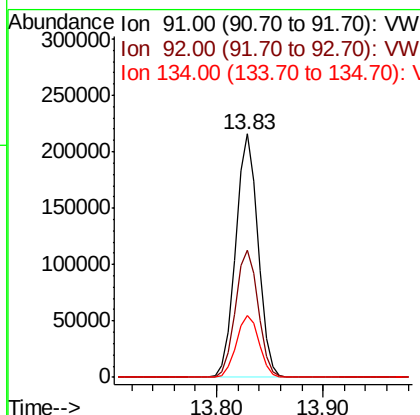
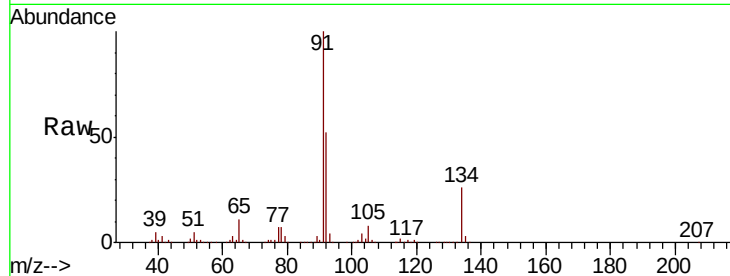
#89  
n-Butylbenzene  
Concen: 52.748 ug/l  
RT: 13.83 min Scan# 1956  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 91      | 100   |      |       |       |
| 92      | 53.4  | 26.8 | 80.4  |       |
| 134     | 26.0  | 13.3 | 39.8  |       |

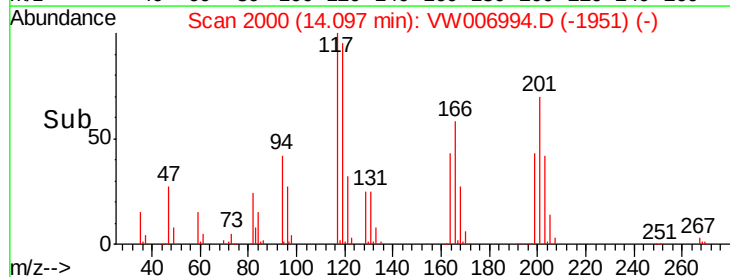
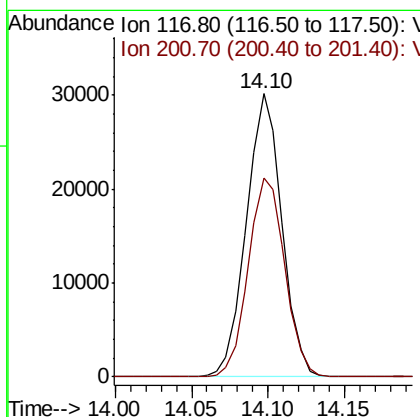
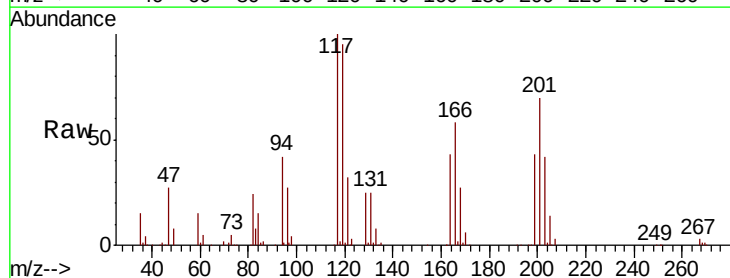
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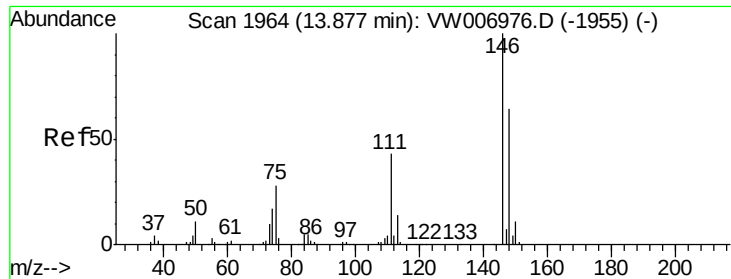
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#90  
Hexachloroethane  
Concen: 51.963 ug/l  
RT: 14.10 min Scan# 2000  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 201     | 72.3  | 35.9 | 107.5 |       |





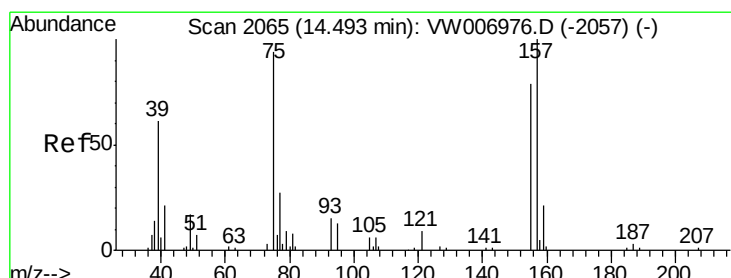
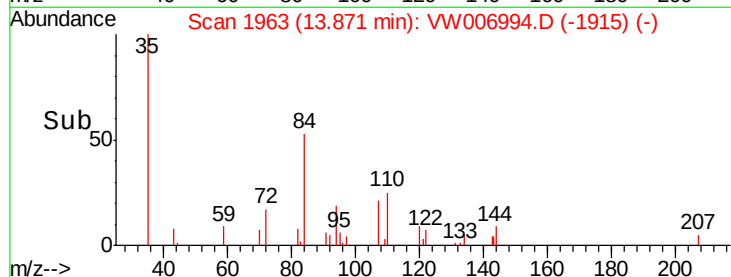
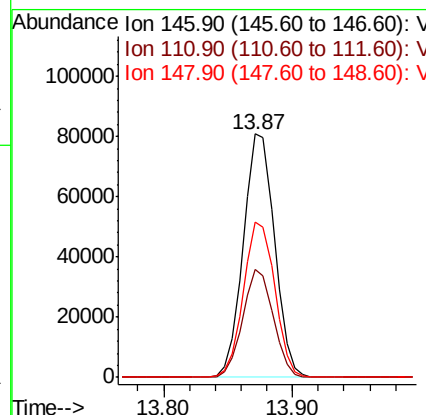
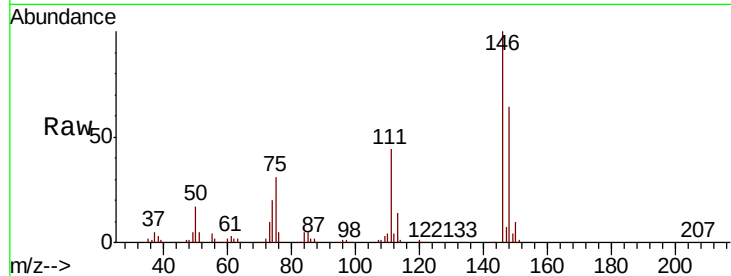
#91  
 1,2-Dichlorobenzene  
 Concen: 51.337 ug/l  
 RT: 13.87 min Scan# 1963  
 Delta R.T. -0.01 min  
 Lab File: VW006994.D  
 Acq: 21 Nov 2018 11:29

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.1  | 21.9  | 65.7  |
| 148     | 64.0  | 32.2  | 96.6  |

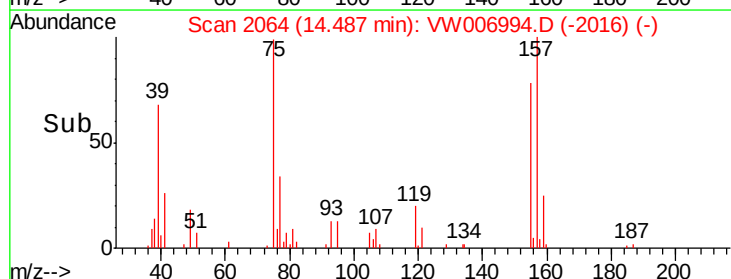
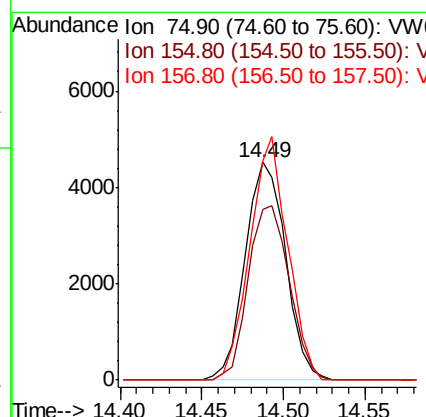
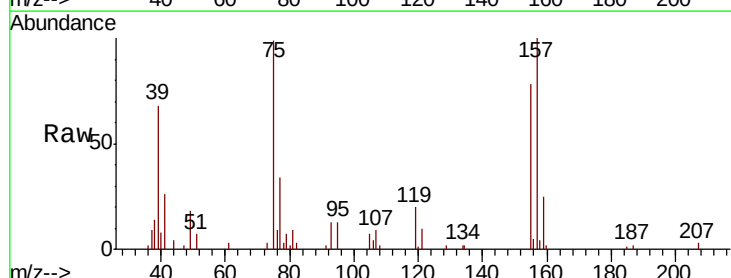
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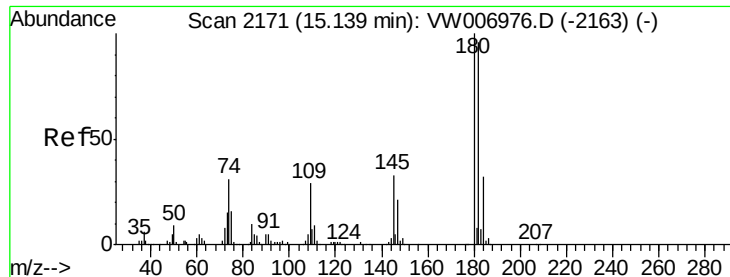
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 50.619 ug/l  
 RT: 14.49 min Scan# 2064  
 Delta R.T. -0.01 min  
 Lab File: VW006994.D  
 Acq: 21 Nov 2018 11:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 81.3  | 42.6  | 127.8 |
| 157     | 103.9 | 55.0  | 165.0 |





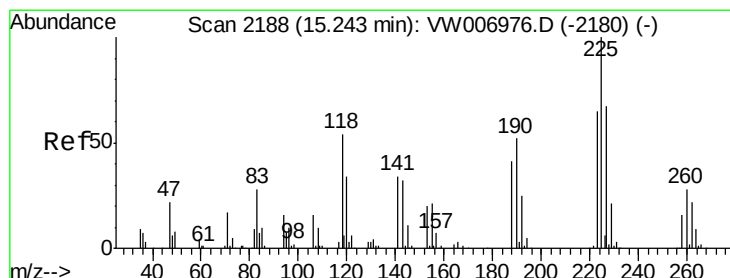
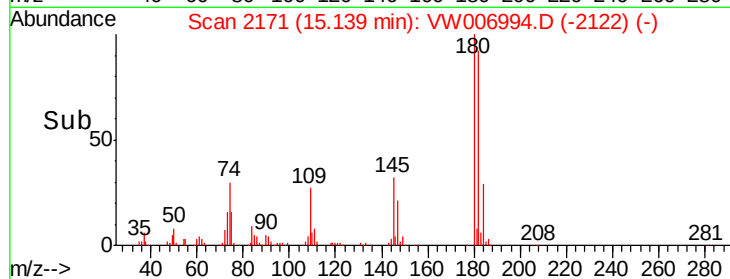
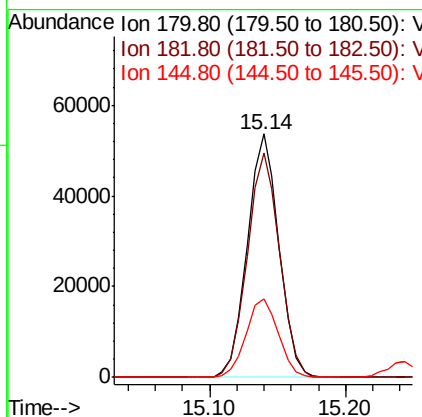
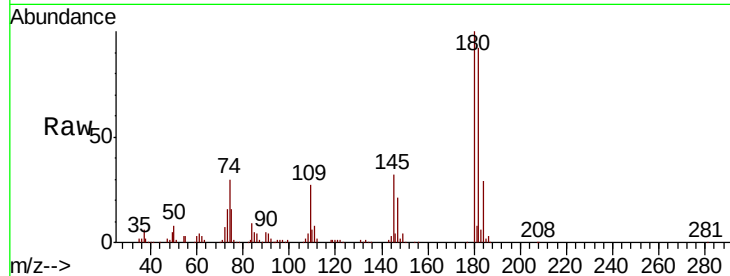
#93  
 1,2,4-Trichlorobenzene  
 Concen: 50.131 ug/l  
 RT: 15.14 min Scan# 2171  
 Delta R.T. 0.00 min  
 Lab File: VW006994.D  
 Acq: 21 Nov 2018 11:29

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.4  | 47.1  | 141.3 |
| 145     | 33.0  | 16.5  | 49.5  |

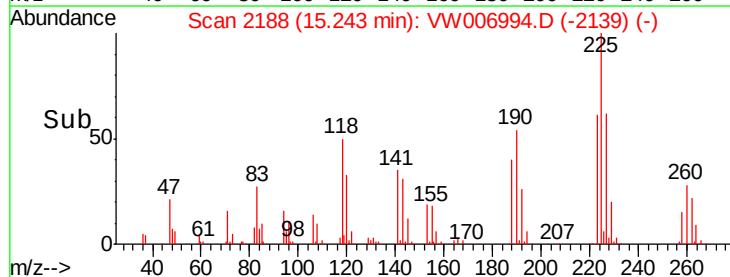
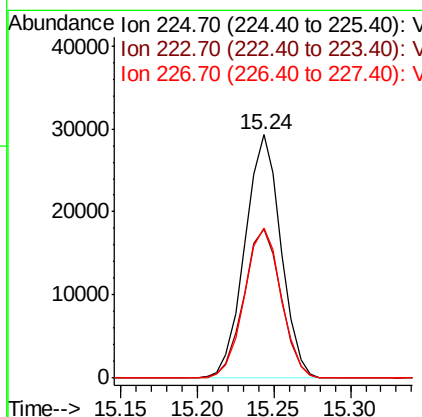
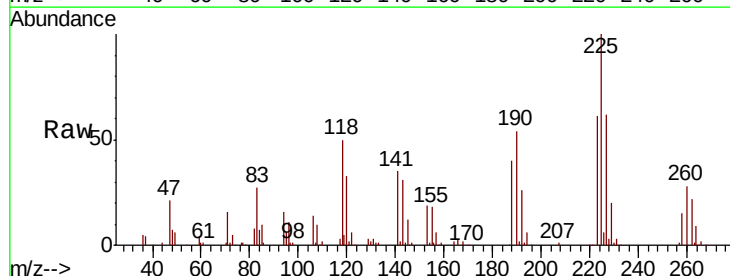
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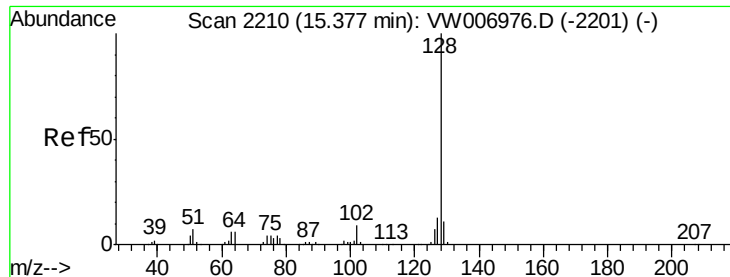
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#94  
 Hexachlorobutadiene  
 Concen: 50.770 ug/l  
 RT: 15.24 min Scan# 2188  
 Delta R.T. 0.00 min  
 Lab File: VW006994.D  
 Acq: 21 Nov 2018 11:29

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 63.2  | 32.4  | 97.0  |
| 227     | 62.6  | 31.9  | 95.5  |





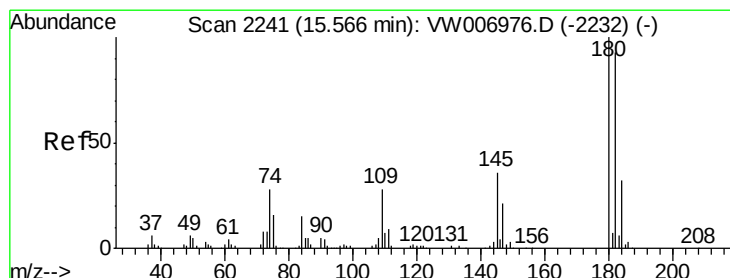
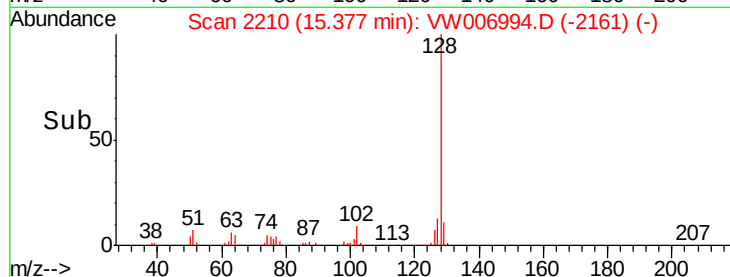
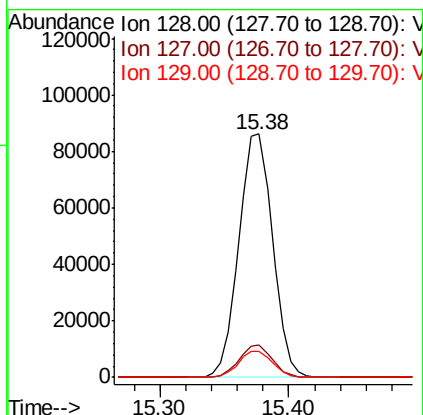
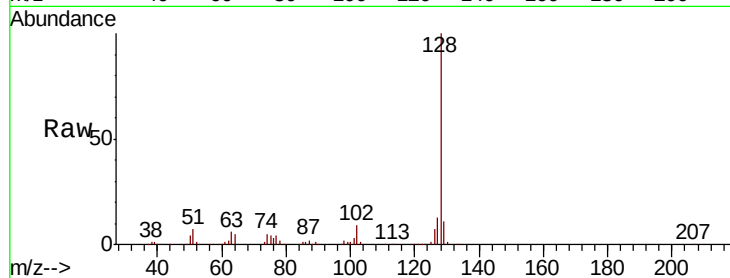
#95  
Naphthalene  
Concen: 49.598 ug/l  
RT: 15.38 min Scan# 2210  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

Instrument :  
MSVOA\_W  
ClientSampleId :  
VSTDCCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 156658 |       |       |
| 127     | 13.0  |        | 10.5  | 15.7  |
| 129     | 10.7  |        | 8.7   | 13.1  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 50.651 ug/l  
RT: 15.57 min Scan# 2241  
Delta R.T. 0.00 min  
Lab File: VW006994.D  
Acq: 21 Nov 2018 11:29

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 73120 |       |       |
| 182     | 93.6  |       | 47.0  | 141.2 |
| 145     | 34.9  |       | 18.0  | 54.0  |

