

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100118\  
 Data File : VF060393.D  
 Acq On : 1 Oct 2018 20:05  
 Operator : VA/AP  
 Sample : VSTDICC150  
 Misc : 5.00/5mL/MSVOA F/SOIL  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDICC150

Manual Integrations  
 APPROVED

apatel  
 10/2/2018 12:29:46 PM

Quant Time: Oct 02 11:43:52 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F100118S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 02 00:00:09 2018  
 Response via : Initial Calibration

| Internal Standards            | R.T.  | QIon | Response | Conc     | Units   | Dev(Min) |
|-------------------------------|-------|------|----------|----------|---------|----------|
| 1) Pentafluorobenzene         | 5.02  | 168  | 280706   | 50.00    | ug/l    | 0.00     |
| 34) 1,4-Difluorobenzene       | 5.75  | 114  | 490332   | 50.00    | ug/l    | 0.00     |
| 63) Chlorobenzene-d5          | 9.89  | 117  | 425857   | 50.00    | ug/l    | 0.00     |
| 72) 1,4-Dichlorobenzene-d4    | 12.62 | 152  | 221382   | 50.00    | ug/l    | 0.00     |
| System Monitoring Compounds   |       |      |          |          |         |          |
| 33) 1,2-Dichloroethane-d4     | 5.00  | 65   | 605951   | 153.88   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =        | 307.76% |          |
| 35) Dibromofluoromethane      | 4.27  | 113  | 618322   | 138.75   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =        | 277.50% |          |
| 50) Toluene-d8                | 7.69  | 98   | 1503730  | 131.43   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =        | 262.86% |          |
| 62) 4-Bromofluorobenzene      | 11.49 | 95   | 660599   | 132.46   | ug/l    | 0.00     |
| Spiked Amount 50.000          |       |      | Recovery | =        | 264.92% |          |
| Target Compounds              |       |      |          |          |         |          |
|                               |       |      |          |          | Qvalue  |          |
| 2) Dichlorodifluoromethane    | 0.99  | 85   | 823089   | 153.091  | ug/l    | 97       |
| 3) Chloromethane              | 1.13  | 50   | 532659   | 136.382  | ug/l    | 98       |
| 4) Vinyl Chloride             | 1.17  | 62   | 558405   | 139.621  | ug/l    | 96       |
| 5) Bromomethane               | 1.36  | 94   | 392505   | 141.503  | ug/l    | 98       |
| 6) Chloroethane               | 1.42  | 64   | 253016   | 132.034  | ug/l    | 98       |
| 7) Trichlorofluoromethane     | 1.54  | 101  | 1151387  | 148.263  | ug/l    | 97       |
| 8) Diethyl Ether              | 1.69  | 74   | 173127   | 140.916  | ug/l    | 86       |
| 9) 1,1,2-Trichlorotrifluoroet | 1.89  | 101  | 572372   | 142.527  | ug/l    | 95       |
| 10) Methyl Iodide             | 1.96  | 142  | 957166   | 149.266  | ug/l    | 95       |
| 11) Tert butyl alcohol        | 2.67  | 59   | 195398   | 775.475  | ug/l #  | 85       |
| 12) 1,1-Dichloroethene        | 1.85  | 96   | 468809   | 144.025  | ug/l    | 87       |
| 13) Acrolein                  | 2.08  | 56   | 145516   | 1008.970 | ug/l    | 87       |
| 14) Allyl chloride            | 2.18  | 41   | 795169   | 141.341  | ug/l    | 88       |
| 15) Acrylonitrile             | 3.05  | 53   | 338684   | 641.466  | ug/l    | 88       |
| 17) Carbon Disulfide          | 1.89  | 76   | 1416380  | 141.498  | ug/l    | 98       |
| 18) Methyl Acetate            | 2.43  | 43   | 244431   | 134.963  | ug/l    | 94       |
| 19) Methyl tert-butyl Ether   | 2.52  | 73   | 1184738  | 144.980  | ug/l    | 98       |
| 20) Methylene Chloride        | 2.27  | 84   | 434355m  | 113.988  | ug/l    |          |
| 21) trans-1,2-Dichloroethene  | 2.39  | 96   | 484997   | 143.514  | ug/l    | 95       |
| 22) Diisopropyl ether         | 2.91  | 45   | 1401536  | 133.154  | ug/l #  | 92       |
| 23) Vinyl Acetate             | 3.31  | 43   | 2812701  | 677.037  | ug/l #  | 94       |
| 24) 1,1-Dichloroethane        | 2.98  | 63   | 910585   | 131.162  | ug/l    | 99       |
| 25) 2-Butanone                | 4.48  | 43   | 758451   | 551.699  | ug/l #  | 91       |
| 26) 2,2-Dichloropropane       | 3.73  | 77   | 473573   | 120.932  | ug/l    | 99       |
| 27) cis-1,2-Dichloroethene    | 3.61  | 96   | 555340   | 129.083  | ug/l    | 95       |
| 28) Bromochloromethane        | 3.86  | 49   | 344575   | 127.512  | ug/l    | 92       |
| 29) Tetrahydrofuran           | 4.22  | 42   | 318792   | 616.938  | ug/l    | 100      |
| 30) Chloroform                | 4.01  | 83   | 1117583  | 134.184  | ug/l    | 99       |
| 31) Cyclohexane               | 3.84  | 56   | 713089   | 124.442  | ug/l    | 96       |
| 32) 1,1,1-Trichloroethane     | 4.25  | 97   | 907459   | 135.979  | ug/l    | 95       |
| 36) 1,1-Dichloropropene       | 4.43  | 75   | 804243   | 130.423  | ug/l    | 98       |
| 37) Ethyl Acetate             | 4.27  | 43   | 306163   | 120.159  | ug/l #  | 73       |
| 38) Carbon Tetrachloride      | 4.14  | 117  | 955879m  | 137.705  | ug/l    |          |
| 39) Methylcyclohexane         | 5.60  | 83   | 784895   | 121.133  | ug/l    | 93       |

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 ClientSampleID :  
 VSTDICC150

Manual Integrations  
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 10/2/2018 12:29:46 PM

Quant Time: Oct 02 11:43:52 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F100118S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 02 00:00:09 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|----------|--------|----------|
| 40) Benzene                    | 4.79  | 78   | 1623033  | 119.670  | ug/l   | 99       |
| 41) Methacrylonitrile          | 4.90  | 41   | 173370   | 126.842  | ug/l   | 95       |
| 42) 1,2-Dichloroethane         | 5.09  | 62   | 761105   | 144.952  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 7.09  | 43   | 414589   | 135.020  | ug/l   | 100      |
| 44) Trichloroethene            | 5.65  | 130  | 494389   | 121.682  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 6.38  | 63   | 444433   | 125.781  | ug/l   | 97       |
| 46) Dibromomethane             | 6.23  | 93   | 338055   | 130.972  | ug/l   | 93       |
| 47) Bromodichloromethane       | 6.52  | 83   | 821284   | 131.767  | ug/l   | 100      |
| 48) Methyl methacrylate        | 6.85  | 41   | 274237   | 125.569  | ug/l   | 99       |
| 49) 1,4-Dioxane                | 6.84  | 88   | 49607    | 2566.622 | ug/l # | 80       |
| 51) 4-Methyl-2-Pentanone       | 8.39  | 43   | 1318591  | 572.047  | ug/l   | 93       |
| 52) Toluene                    | 7.76  | 92   | 1060528  | 122.536  | ug/l   | 87       |
| 53) t-1,3-Dichloropropene      | 8.41  | 75   | 655807   | 131.987  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 7.43  | 75   | 763980   | 122.538  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 8.61  | 97   | 344617   | 131.234  | ug/l   | 94       |
| 56) Ethyl methacrylate         | 8.74  | 69   | 411155   | 129.498  | ug/l   | 92       |
| 57) 1,3-Dichloropropane        | 8.98  | 76   | 587589   | 134.558  | ug/l   | 95       |
| 58) 2-Chloroethyl Vinyl ether  | 7.76  | 63   | 182998   | 635.902  | ug/l # | 100      |
| 59) 2-Hexanone                 | 9.61  | 43   | 934011   | 573.057  | ug/l   | 98       |
| 60) Dibromochloromethane       | 8.84  | 129  | 544513   | 137.588  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.12  | 107  | 401081   | 135.639  | ug/l   | 95       |
| 64) Tetrachloroethene          | 8.28  | 164  | 452224   | 118.953  | ug/l   | 95       |
| 65) Chlorobenzene              | 9.91  | 112  | 1211086  | 126.896  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.05 | 131  | 513432   | 127.754  | ug/l   | 97       |
| 67) Ethyl Benzene              | 10.02 | 91   | 2119720  | 119.581  | ug/l   | 94       |
| 68) m/p-Xylenes                | 10.25 | 106  | 1509590  | 246.720  | ug/l   | 80       |
| 69) o-Xylene                   | 10.81 | 106  | 848359   | 123.890  | ug/l   | 86       |
| 70) Stvrene                    | 10.88 | 104  | 1197163  | 124.300  | ug/l   | 99       |
| 71) Bromoform                  | 10.87 | 173  | 302983   | 138.238  | ug/l   | 90       |
| 73) Isopropylbenzene           | 11.21 | 105  | 2294550  | 117.402  | ug/l   | 93       |
| 74) N-amyl acetate             | 11.44 | 43   | 607427   | 143.461  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.77 | 83   | 446027   | 128.563  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.87 | 75   | 328549   | 130.896  | ug/l   | 94       |
| 77) Bromobenzene               | 11.58 | 156  | 545936   | 129.296  | ug/l   | 93       |
| 78) n-propylbenzene            | 11.67 | 91   | 2547027  | 109.742  | ug/l   | 95       |
| 79) 2-Chlorotoluene            | 11.80 | 91   | 1600137  | 119.552  | ug/l   | 91       |
| 80) 1,3,5-Trimethylbenzene     | 11.90 | 105  | 1838635  | 116.316  | ug/l   | 89       |
| 81) trans-1,4-Dichloro-2-buten | 11.95 | 75   | 177302m  | 135.377  | ug/l   |          |
| 82) 4-Chlorotoluene            | 11.97 | 91   | 1636824  | 122.250  | ug/l   | 94       |
| 83) tert-Butylbenzene          | 12.20 | 119  | 1800452  | 112.034  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 12.27 | 105  | 1893437  | 117.315  | ug/l   | 94       |
| 85) sec-Butylbenzene           | 12.38 | 105  | 2487240  | 112.395  | ug/l   | 93       |
| 86) p-Isopropyltoluene         | 12.53 | 119  | 2007539  | 113.987  | ug/l   | 94       |
| 87) 1,3-Dichlorobenzene        | 12.55 | 146  | 966632   | 121.926  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 12.64 | 146  | 958648   | 122.849  | ug/l   | 95       |
| 89) n-Butylbenzene             | 12.90 | 91   | 2055931  | 109.608  | ug/l   | 92       |
| 90) Hexachloroethane           | 12.98 | 117  | 581804   | 128.630  | ug/l   | 77       |
| 91) 1,2-Dichlorobenzene        | 13.01 | 146  | 926493   | 122.084  | ug/l   | 95       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.70 | 75   | 98626    | 150.142  | ug/l   | 93       |
| 93) 1,2,4-Trichlorobenzene     | 14.25 | 180  | 689781   | 124.505  | ug/l   | 96       |

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Misc : 5.00/5mL/MSVOA F/SOIL  
ALS Vial : 37 Sample Multiplier: 1

Instrument :  
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Manual Integrations  
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Quant Title : SW846 8260  
QLast Update : Tue Oct 02 00:00:09 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|----------------------------|-------|------|----------|---------|-------|----------|
| 94) Hexachlorobutadiene    | 14.24 | 225  | 492219   | 131.555 | ug/l  | 97       |
| 95) Naphthalene            | 14.51 | 128  | 1456851  | 148.895 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 14.66 | 180  | 683991   | 133.889 | ug/l  | 95       |

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

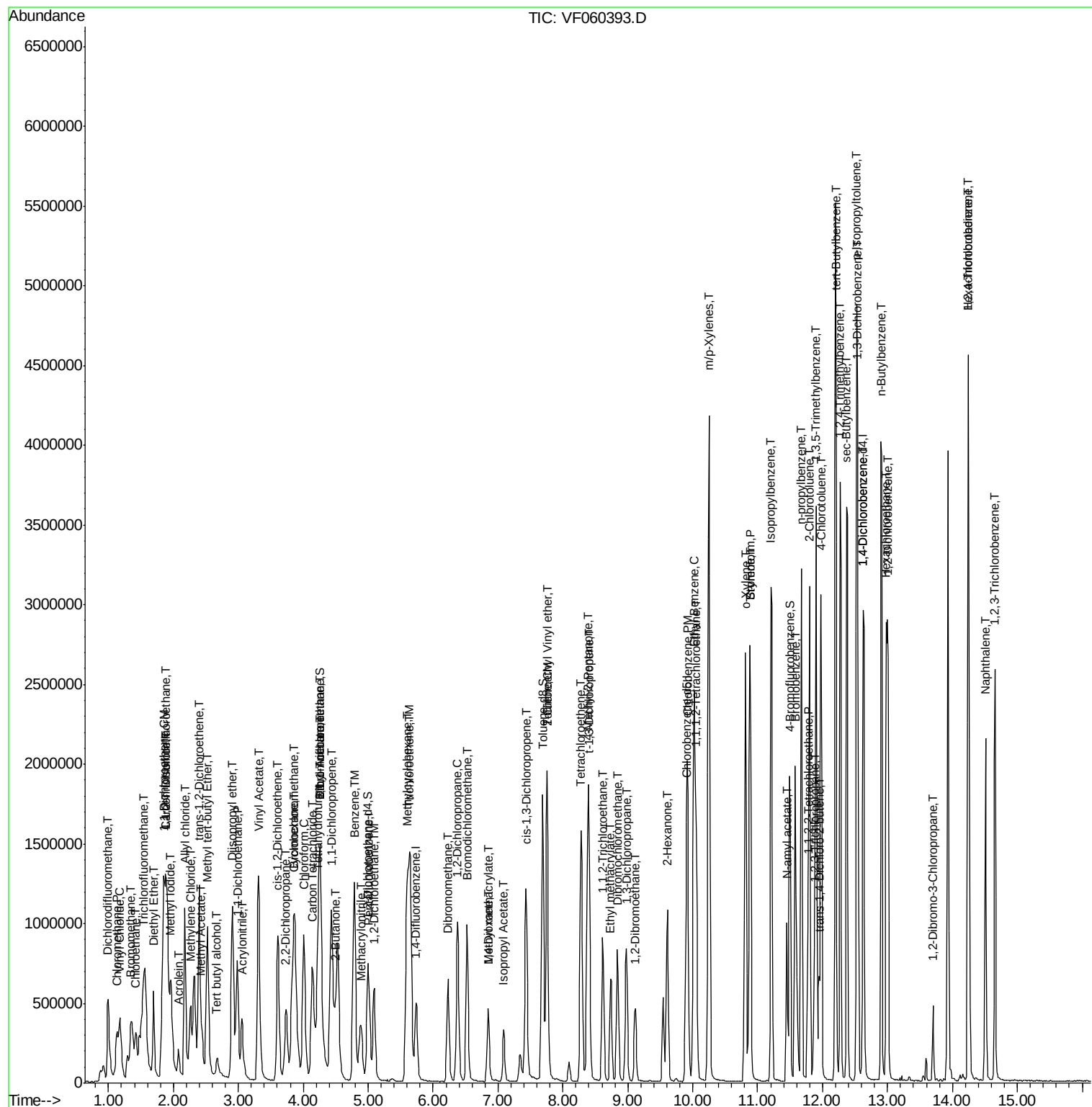
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF100118\  
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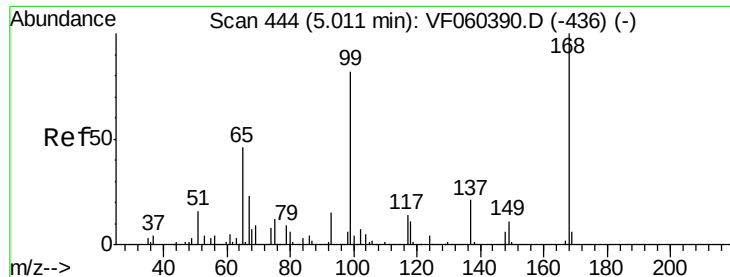
Instrument :  
 MSVOA\_F  
 Client Sample Id :  
 VSTDICC150

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 10/2/2018 12:29:46 PM

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 445

Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 280706

Ion Ratio Lower Upper

168 100

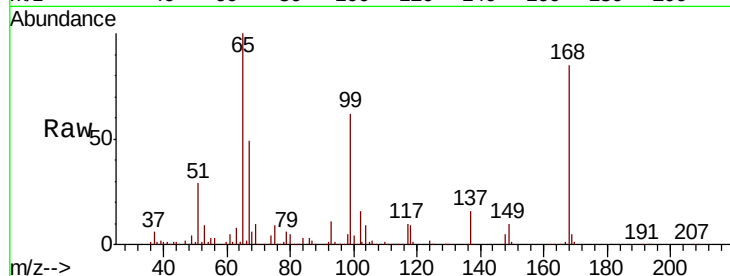
99 73.3 65.3 97.9

Manual Integrations

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10/2/2018 12:29:46 PM



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.02

100000

80000

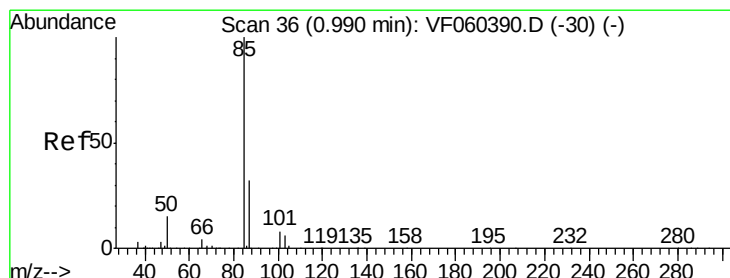
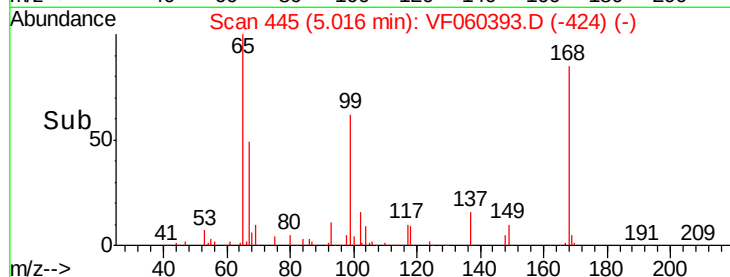
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 153.091 ug/l

RT: 0.99 min Scan# 37

Delta R.T. 0.00 min

Lab File: VF060393.D

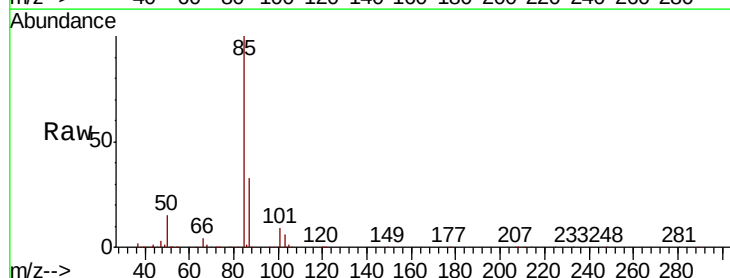
Acq: 1 Oct 2018 20:05

Tgt Ion: 85 Resp: 823089

Ion Ratio Lower Upper

85 100

87 33.2 15.9 47.6



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.99

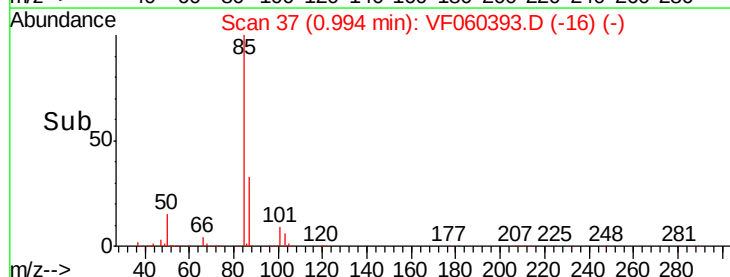
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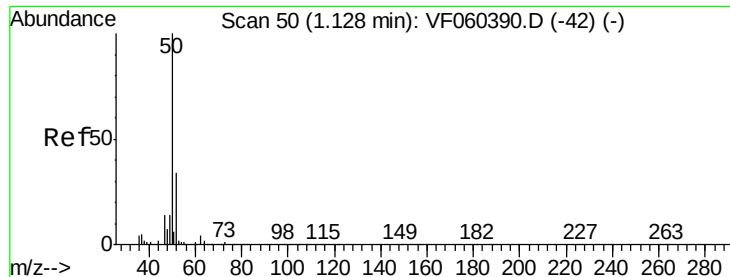
200000

100000

0

Time-->





#3

Chloromethane

Concen: 136.382 ug/l

RT: 1.13 min Scan# 51

Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 532659

Ion Ratio Lower Upper

50 100

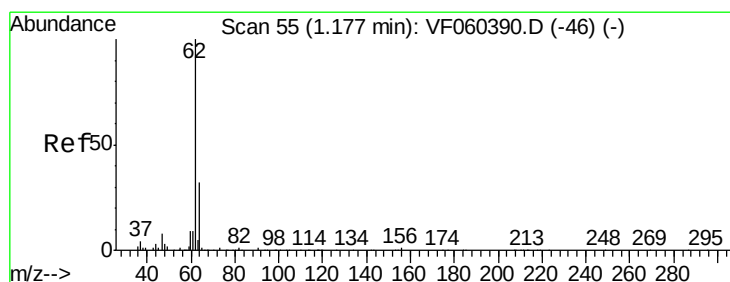
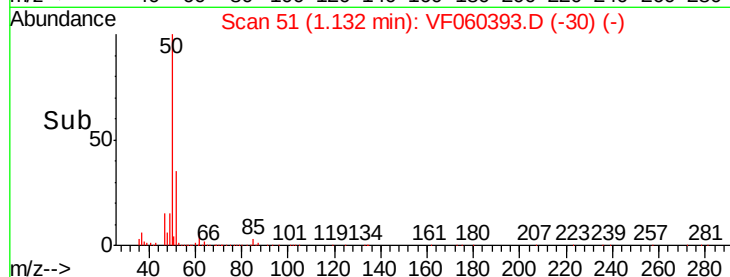
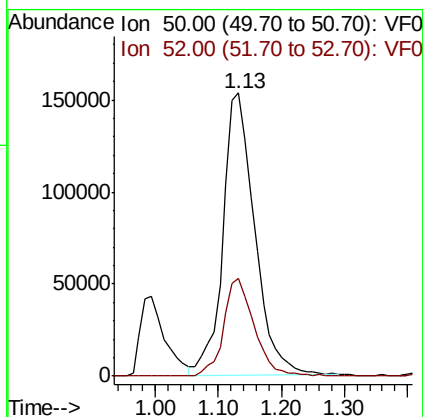
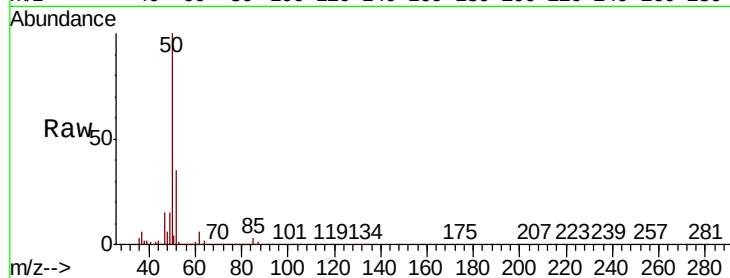
52 34.7 26.9 40.3

Manual Integrations

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10/2/2018 12:29:46 PM



#4

Vinyl Chloride

Concen: 139.621 ug/l

RT: 1.17 min Scan# 55

Delta R.T. -0.01 min

Lab File: VF060393.D

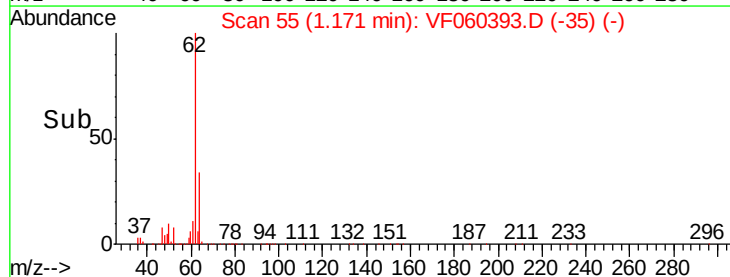
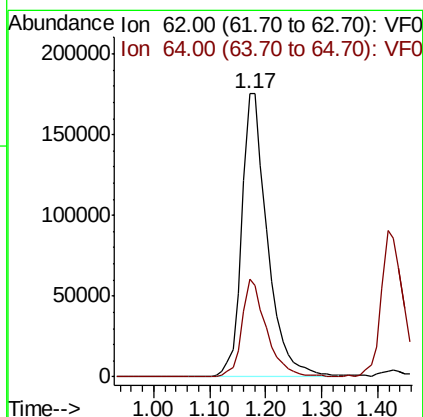
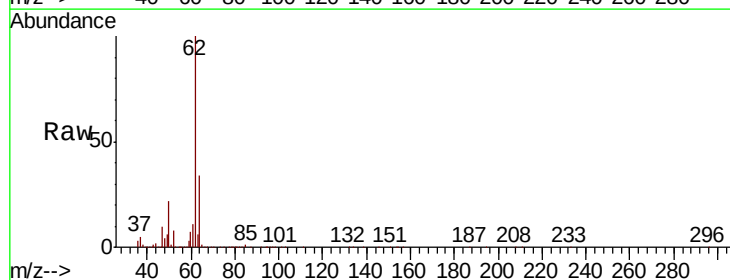
Acq: 1 Oct 2018 20:05

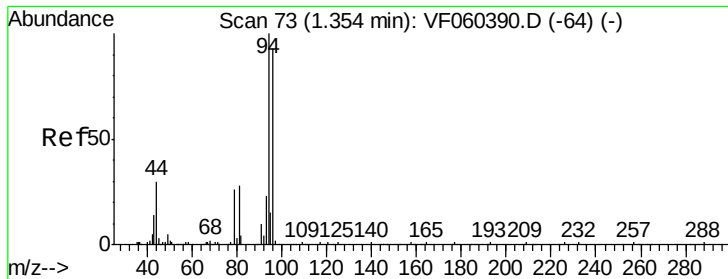
Tgt Ion: 62 Resp: 558405

Ion Ratio Lower Upper

62 100

64 34.4 25.8 38.6





#5

Bromomethane

Concen: 141.503 ug/l

RT: 1.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

Tot Ion: 94 Resp: 392505

Ion Ratio Lower Upper

94 100

96 95.1 74.3 111.5

Instrument :

MSVOA\_F

ClientSampleId :

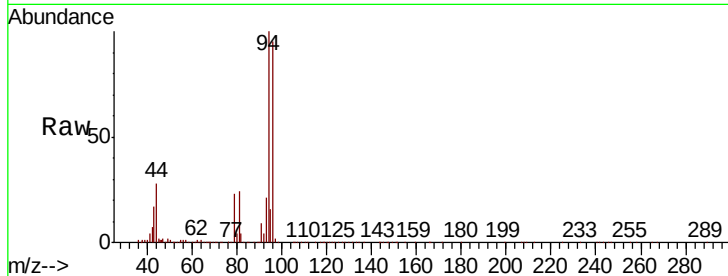
VSTDIC150

Manual Integrations

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Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0

100000

80000

60000

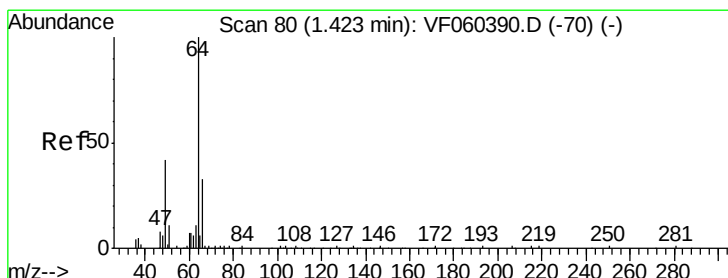
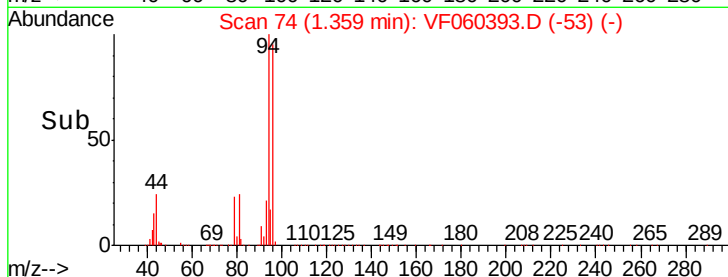
40000

20000

0

1.20 1.30 1.40 1.50

Time-->



#6

Chloroethane

Concen: 132.034 ug/l

RT: 1.42 min Scan# 80

Delta R.T. -0.01 min

Lab File: VF060393.D

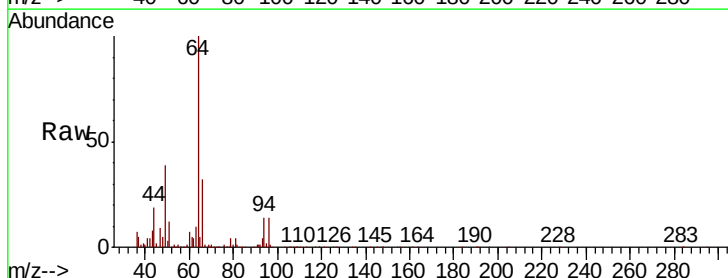
Acq: 1 Oct 2018 20:05

Tgt Ion: 64 Resp: 253016

Ion Ratio Lower Upper

64 100

66 31.8 26.3 39.5



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0

100000

80000

60000

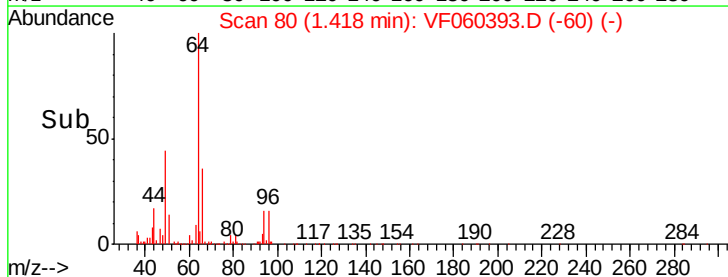
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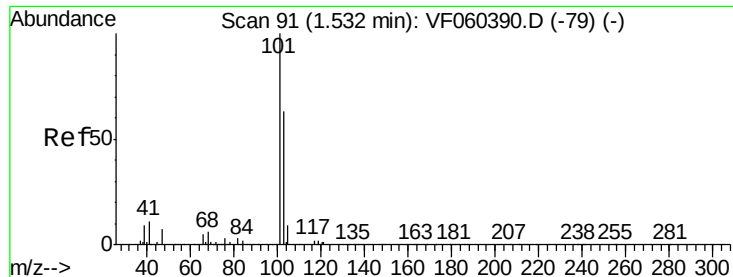
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1.30 1.40 1.50 1.60

Time-->







#7

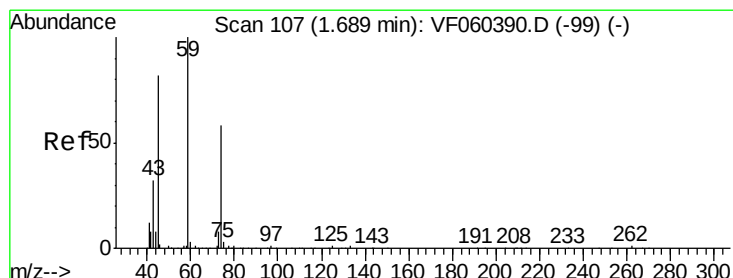
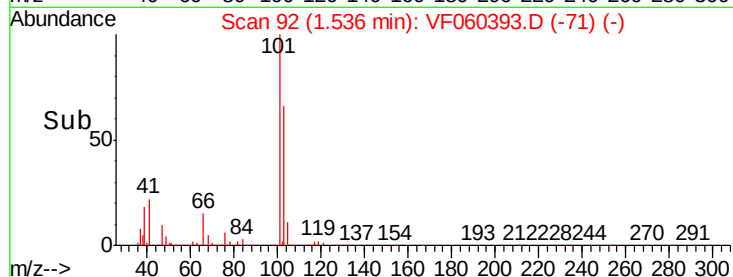
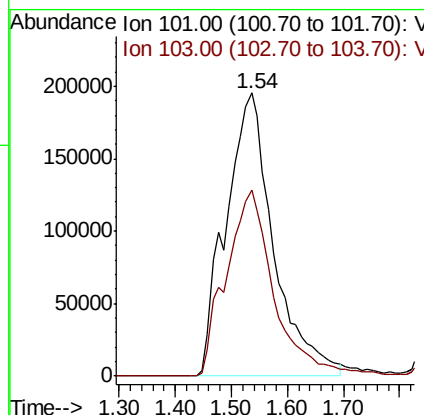
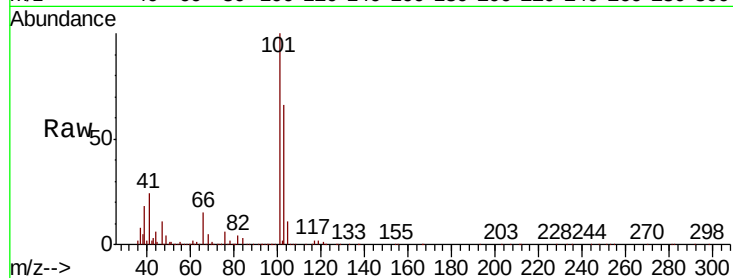
Trichlorofluoromethane  
 Concen: 148.263 ug/l  
 RT: 1.54 min Scan# 92  
 Delta R.T. 0.00 min  
 Lab File: VF060393.D  
 Acq: 1 Oct 2018 20:05

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC150

Tot Ion:101 Resp: 1151387  
 Ion Ratio Lower Upper  
 101 100  
 103 66.0 51.0 76.4

Manual Integrations  
 APPROVED

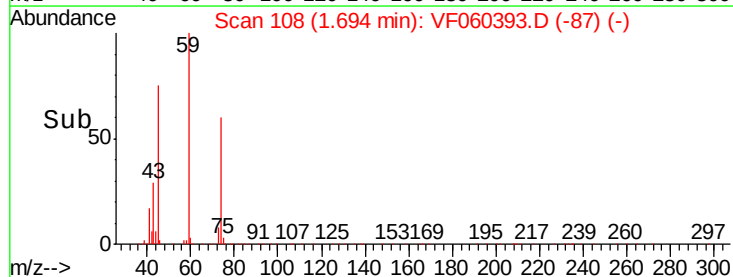
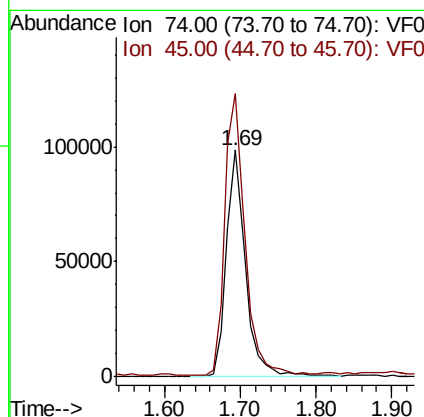
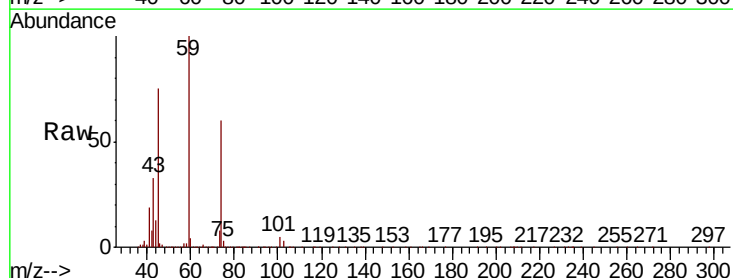
apatel  
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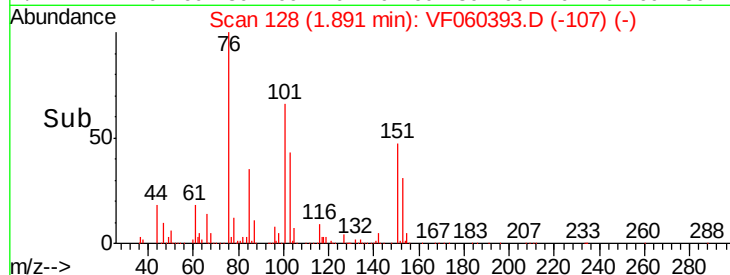
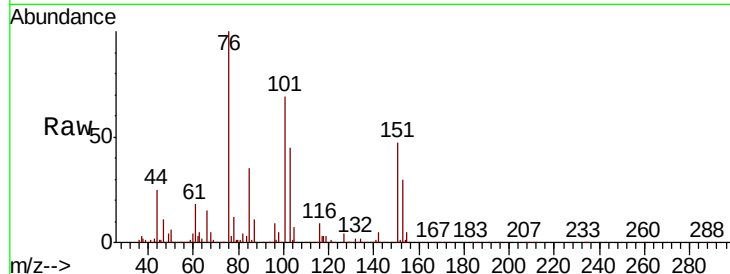
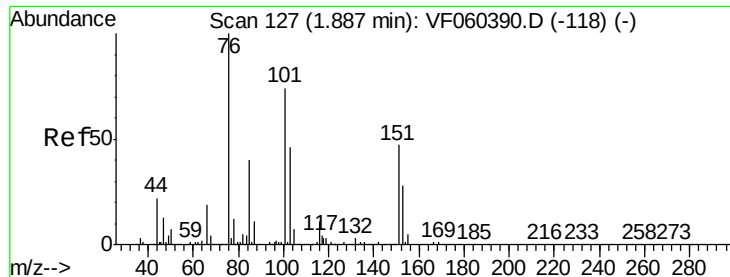
#8

Diethyl Ether  
 Concen: 140.916 ug/l  
 RT: 1.69 min Scan# 108  
 Delta R.T. 0.00 min  
 Lab File: VF060393.D  
 Acq: 1 Oct 2018 20:05

Tgt Ion: 74 Resp: 173127  
 Ion Ratio Lower Upper  
 74 100  
 45 124.7 71.3 213.8







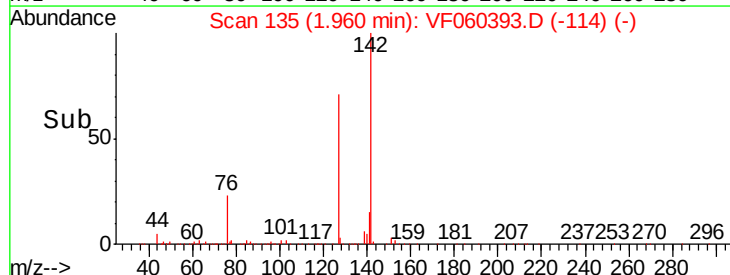
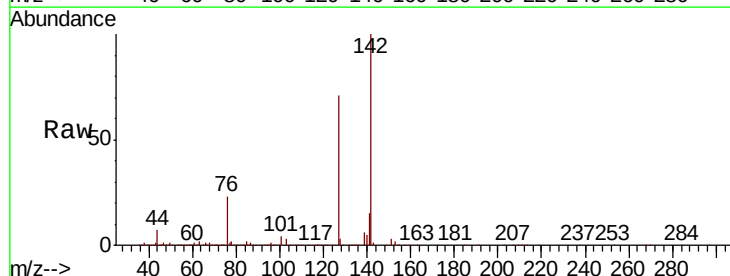
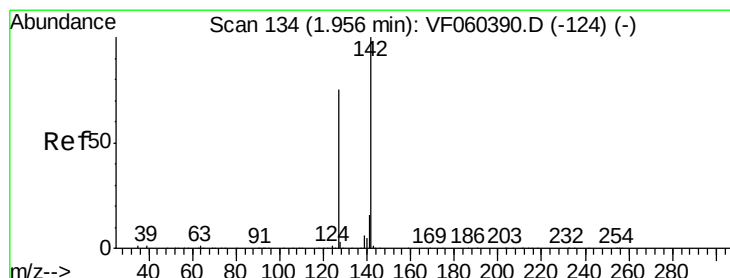
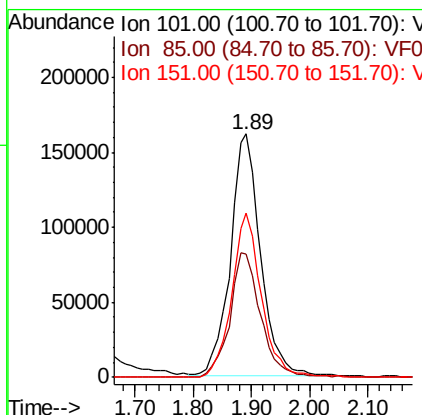
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 142.527 ug/l  
RT: 1.89 min Scan# 128  
Delta R.T. 0.00 min  
Lab File: VF060393.D  
Acq: 1 Oct 2018 20:05

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 85      | 50.5  | 42.5  | 63.7  |
| 151     | 67.4  | 49.8  | 74.8  |

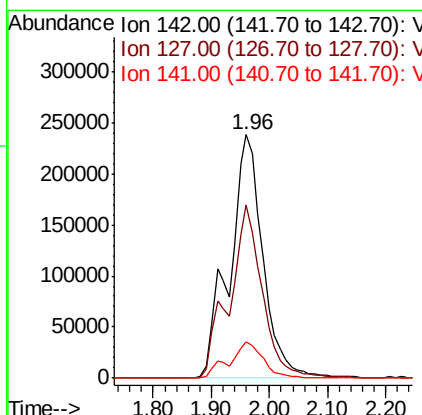
Manual Integrations  
APPROVED

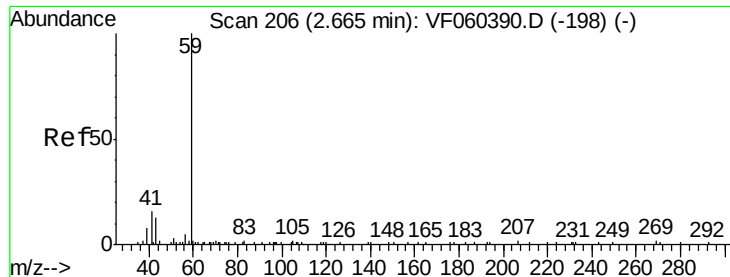
apatel  
10/2/2018 12:29:46 PM



#10  
Methyl Iodide  
Concen: 149.266 ug/l  
RT: 1.96 min Scan# 135  
Delta R.T. 0.00 min  
Lab File: VF060393.D  
Acq: 1 Oct 2018 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 142     | 100   |       |       |
| 127     | 70.9  | 60.2  | 90.2  |
| 141     | 15.1  | 13.1  | 19.7  |





#11

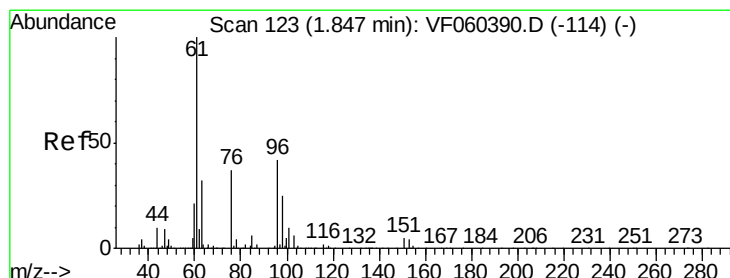
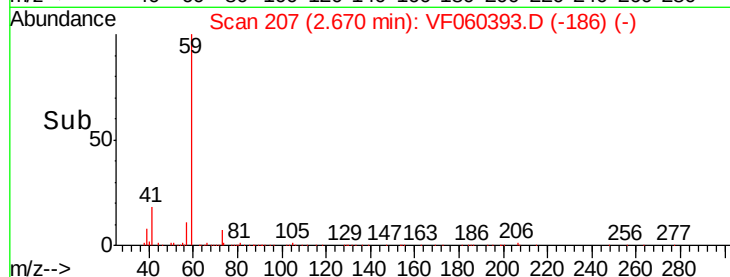
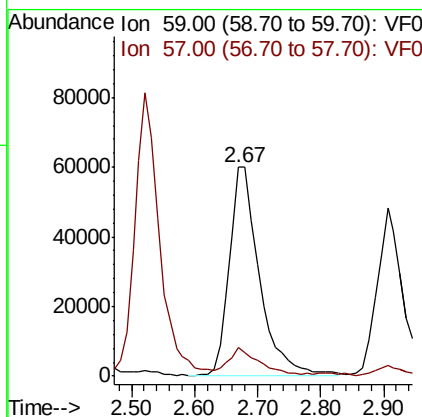
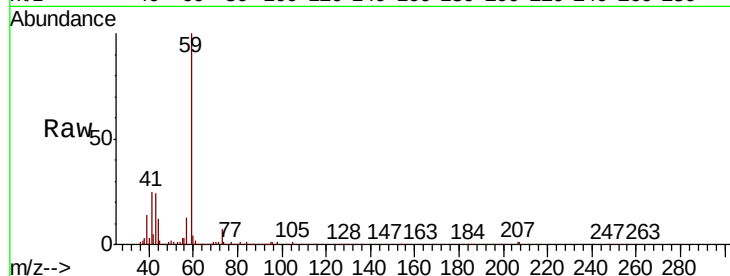
Tert butyl alcohol  
 Concen: 775.475 ug/l  
 RT: 2.67 min Scan# 207  
 Delta R.T. 0.00 min  
 Lab File: VF060393.D  
 Acq: 1 Oct 2018 20:05

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 13.5  | 6.5   | 9.7#  |

Manual Integrations  
 APPROVED

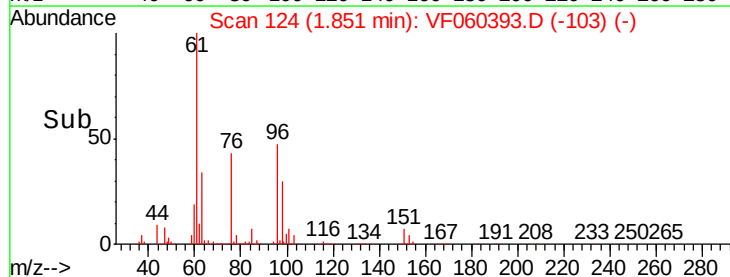
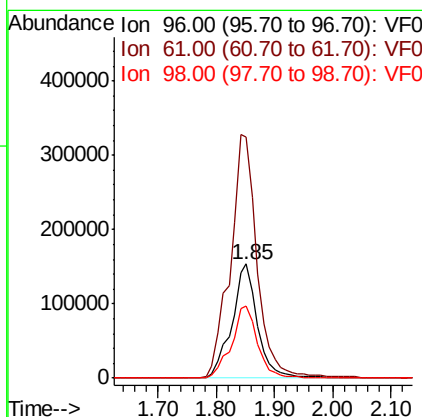
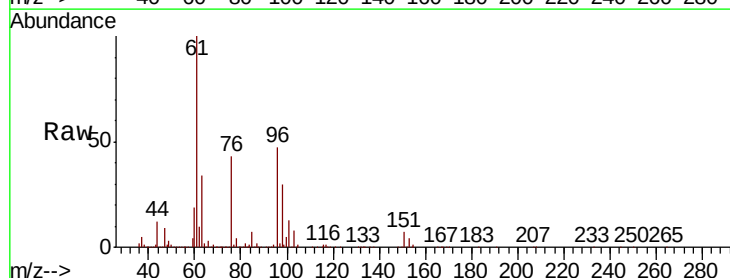
apatel  
 10/2/2018 12:29:46 PM

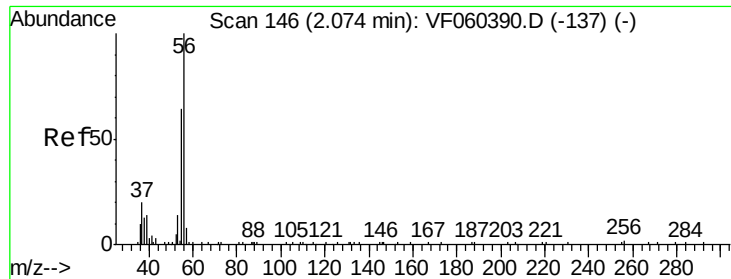


#12

1,1-Dichloroethene  
 Concen: 144.025 ug/l  
 RT: 1.85 min Scan# 124  
 Delta R.T. 0.00 min  
 Lab File: VF060393.D  
 Acq: 1 Oct 2018 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 211.5 | 189.4 | 284.0 |
| 98      | 62.9  | 47.8  | 71.6  |





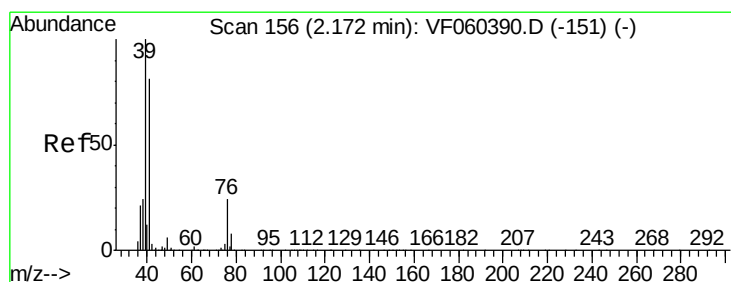
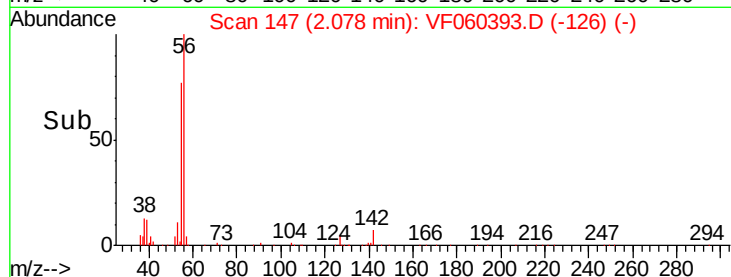
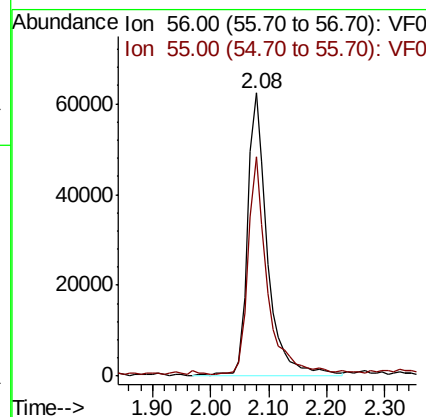
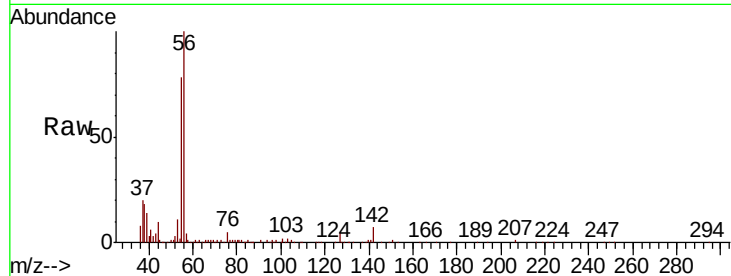
#13  
Acrolein  
Concen: 1008.970 ug/l  
RT: 2.08 min Scan# 147  
Delta R.T. 0.00 min  
Lab File: VF060393.D  
Acq: 1 Oct 2018 20:05

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

| Tot Ion | 56  | 55   | Ratio | Lower | Upper |
|---------|-----|------|-------|-------|-------|
| 145516  | 100 | 77.5 |       | 53.9  | 80.9  |

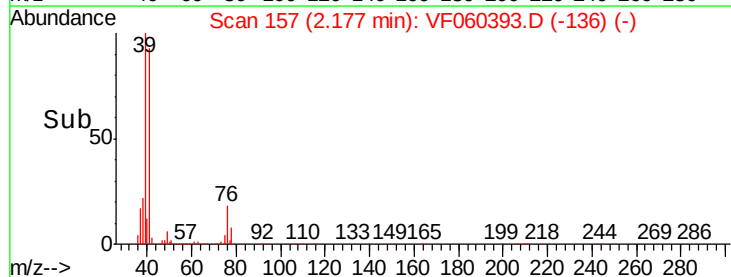
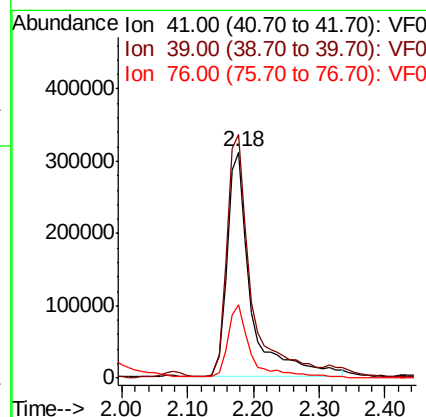
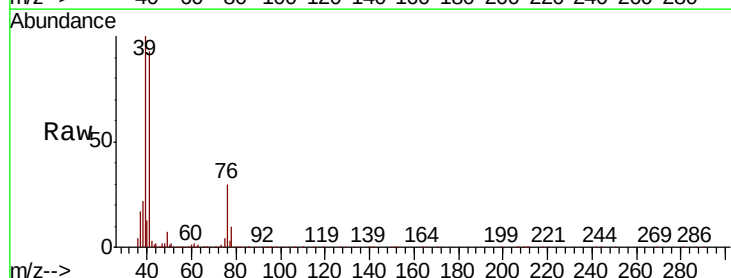
Manual Integrations  
APPROVED

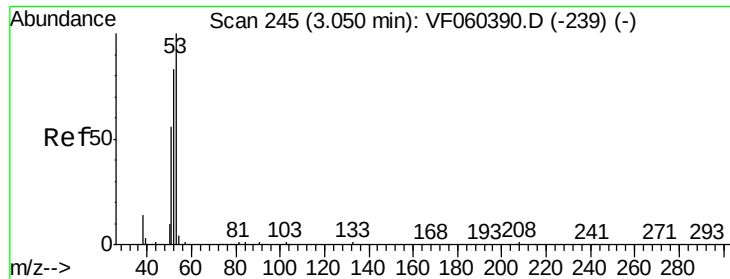
apatel  
10/2/2018 12:29:46 PM



#14  
Allyl chloride  
Concen: 141.341 ug/l  
RT: 2.18 min Scan# 157  
Delta R.T. 0.00 min  
Lab File: VF060393.D  
Acq: 1 Oct 2018 20:05

| Tgt Ion | 41  | 39    | 76   | Ratio | Lower | Upper |
|---------|-----|-------|------|-------|-------|-------|
| 795169  | 100 | 107.8 | 32.4 |       | 98.3  | 147.5 |





#15

Acrylonitrile

Concen: 641.466 ug/l

RT: 3.05 min Scan# 246

Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

Instrument :

MSVOA\_F

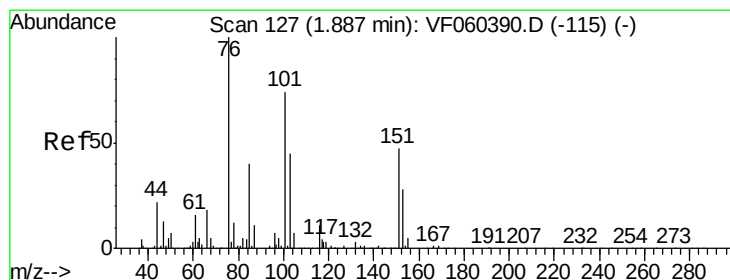
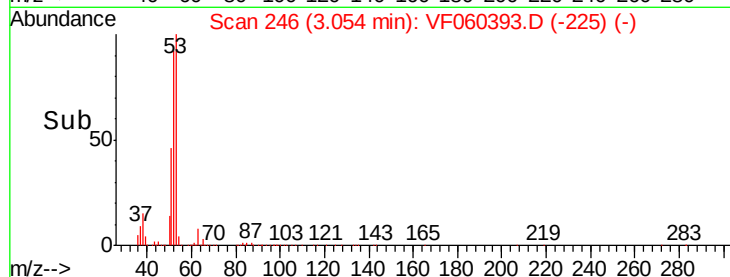
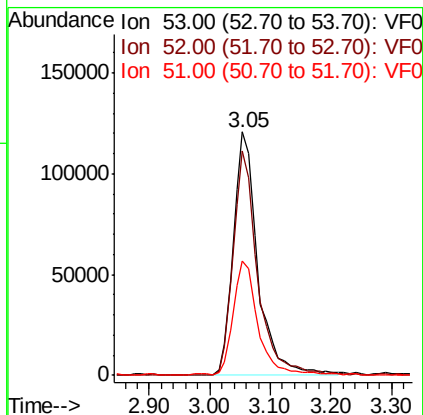
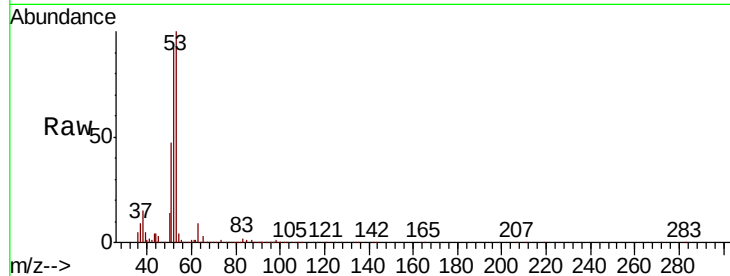
ClientSampleId :

VSTDIC150

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 53    | Resp: | 338684 |
| Ion      | Ratio | Lower | Upper  |
| 53       | 100   |       |        |
| 52       | 92.4  | 66.0  | 99.0   |
| 51       | 46.8  | 45.6  | 68.4   |

Manual Integrations  
APPROVED

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#17

Carbon Disulfide

Concen: 141.498 ug/l

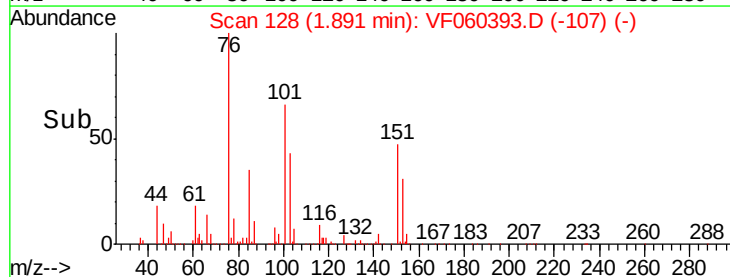
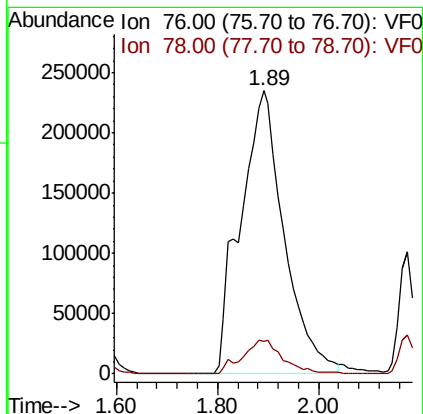
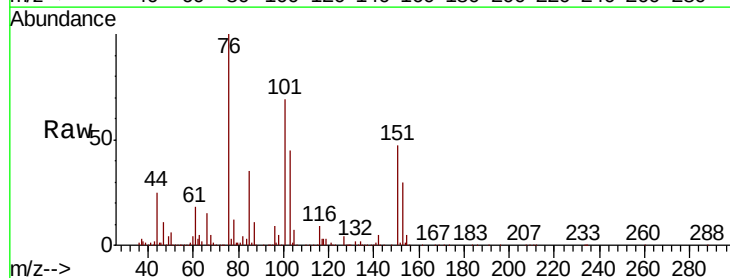
RT: 1.89 min Scan# 128

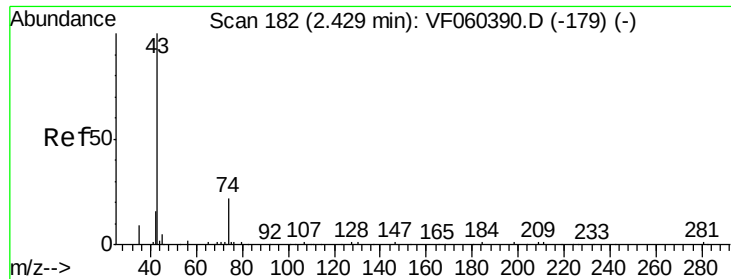
Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

|          |       |       |         |
|----------|-------|-------|---------|
| Tgt Ion: | 76    | Resp: | 1416380 |
| Ion      | Ratio | Lower | Upper   |
| 76       | 100   |       |         |
| 78       | 11.7  | 10.1  | 15.1    |





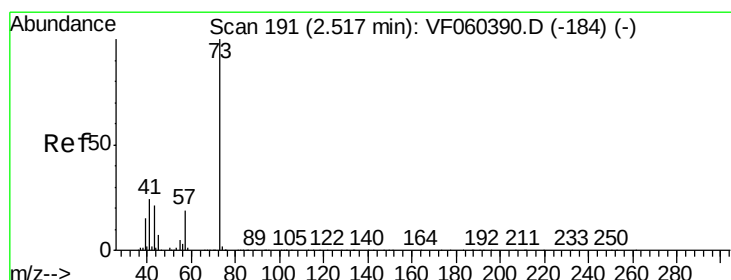
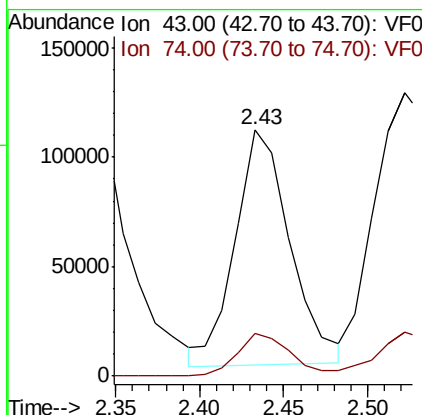
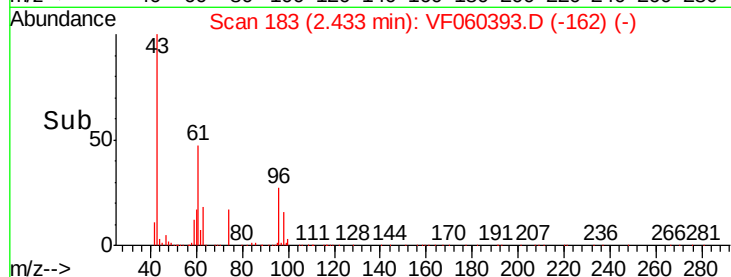
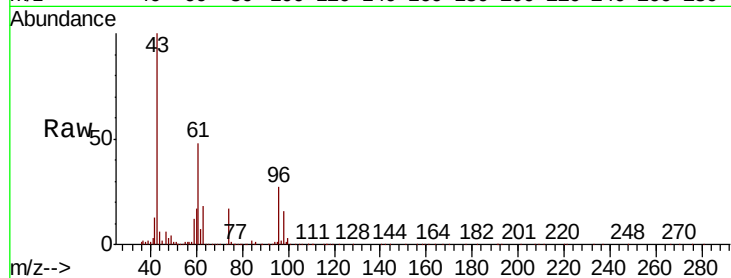
#18  
Methyl Acetate  
Concen: 134.963 ug/l  
RT: 2.43 min Scan# 183  
Delta R.T. 0.00 min  
Lab File: VF060393.D  
Acq: 1 Oct 2018 20:05

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 17.1  | 15.8  | 23.8  |

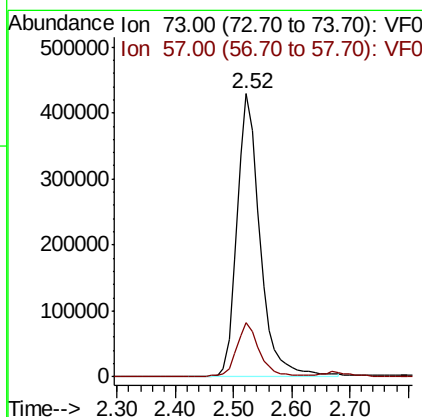
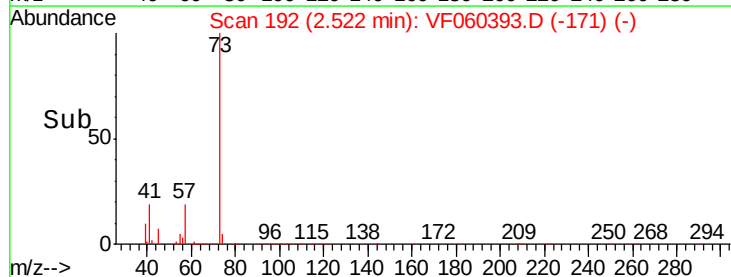
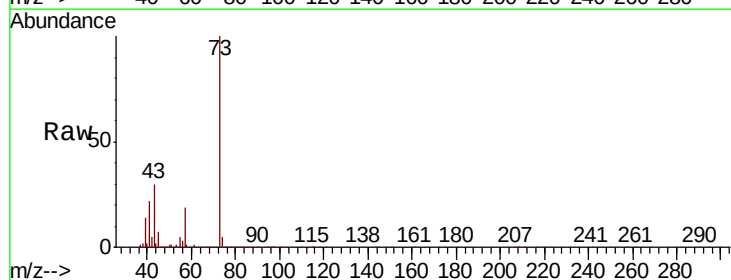
Manual Integrations  
APPROVED

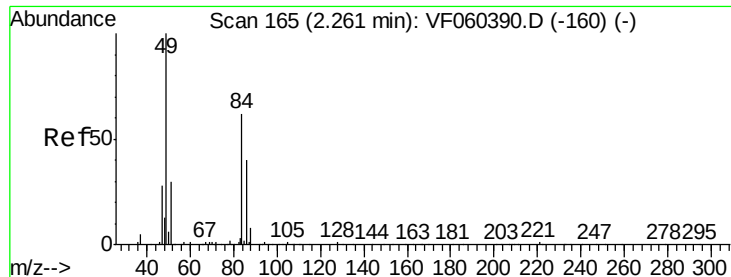
apatel  
10/2/2018 12:29:46 PM



#19  
Methyl tert-butyl Ether  
Concen: 144.980 ug/l  
RT: 2.52 min Scan# 192  
Delta R.T. 0.00 min  
Lab File: VF060393.D  
Acq: 1 Oct 2018 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 18.9  | 15.9  | 23.9  |





#20

Methylene Chloride

Concen: 113.988 ug/l m

RT: 2.27 min Scan# 166

Delta R.T. 0.00 min

Lab File: VF060393.D

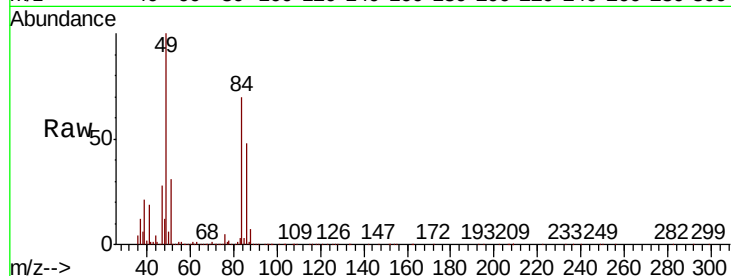
Acq: 1 Oct 2018 20:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 84    | Resp: | 434355 |
| Ion Ratio | Lower | Upper |        |
| 84        | 100   |       |        |
| 49        | 142.7 | 130.2 | 195.2  |
| 51        | 44.1  | 41.0  | 61.6   |
| 86        | 67.9  | 51.5  | 77.3   |

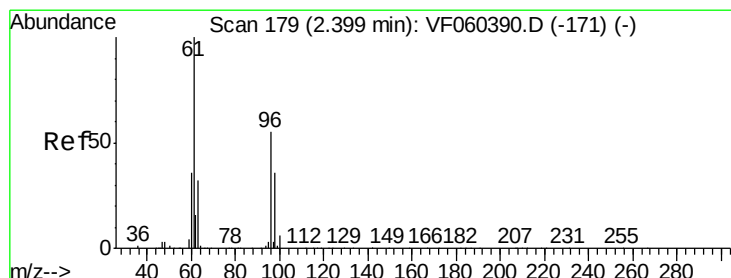
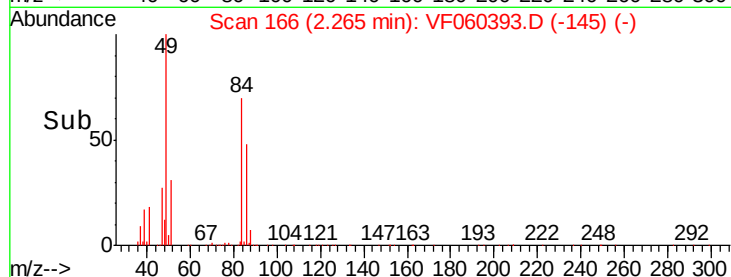
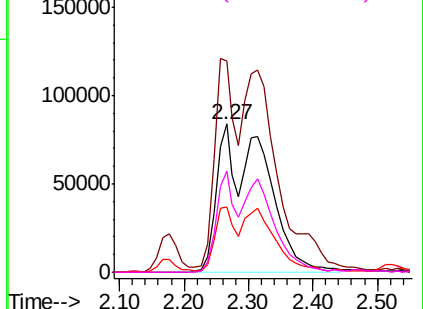
Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

Manual Integrations  
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Abundance Ion 84.00 (83.70 to 84.70): VF0  
Ion 49.00 (48.70 to 49.70): VF0  
Ion 51.00 (50.70 to 51.70): VF0  
Ion 86.00 (85.70 to 86.70): VF0



#21

trans-1,2-Dichloroethene

Concen: 143.514 ug/l

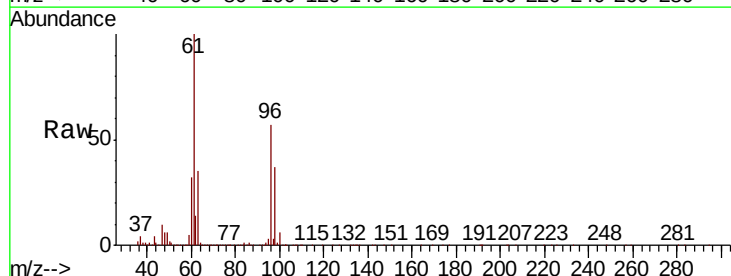
RT: 2.39 min Scan# 179

Delta R.T. -0.01 min

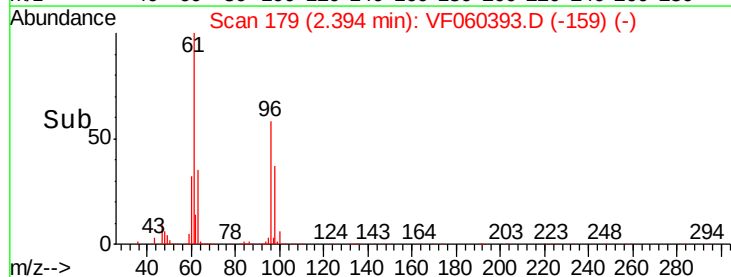
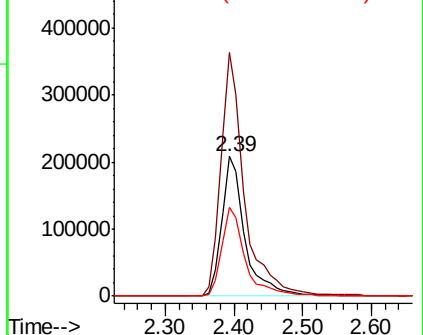
Lab File: VF060393.D

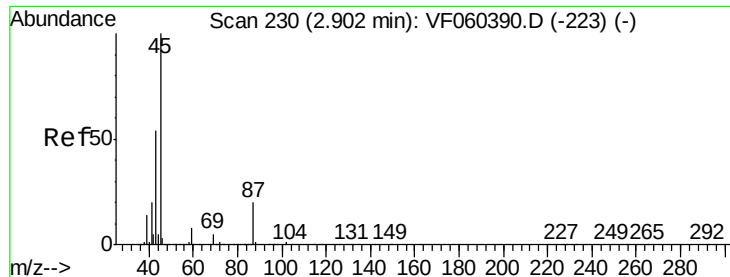
Acq: 1 Oct 2018 20:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 96    | Resp: | 484997 |
| Ion Ratio | Lower | Upper |        |
| 96        | 100   |       |        |
| 61        | 174.3 | 146.2 | 219.2  |
| 98        | 63.9  | 52.6  | 78.8   |



Abundance Ion 96.00 (95.70 to 96.70): VF0  
Ion 61.00 (60.70 to 61.70): VF0  
Ion 98.00 (97.70 to 98.70): VF0





#22

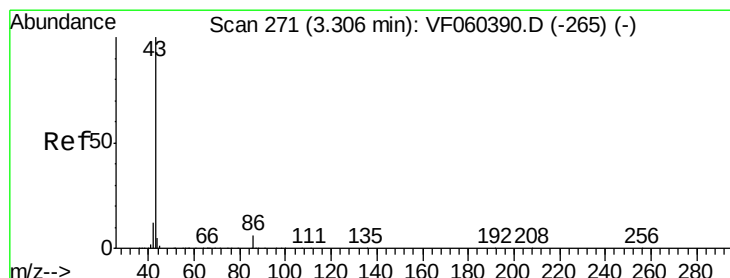
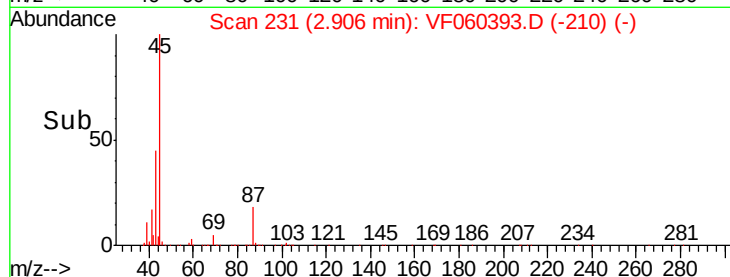
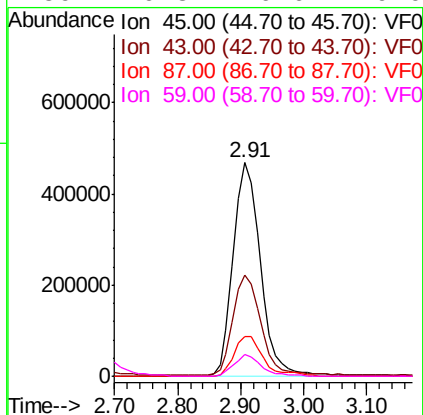
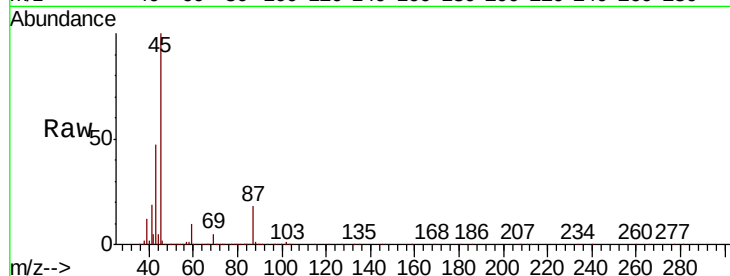
Diisopropyl ether  
 Concen: 133.154 ug/l  
 RT: 2.91 min Scan# 231  
 Delta R.T. 0.00 min  
 Lab File: VF060393.D  
 Acq: 1 Oct 2018 20:05

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 47.5  | 43.8  | 65.8  |
| 87      | 18.4  | 16.3  | 24.5  |
| 59      | 10.3  | 6.6   | 10.0  |

Manual Integrations  
 APPROVED

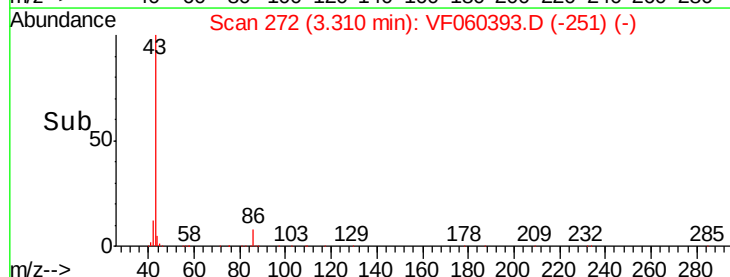
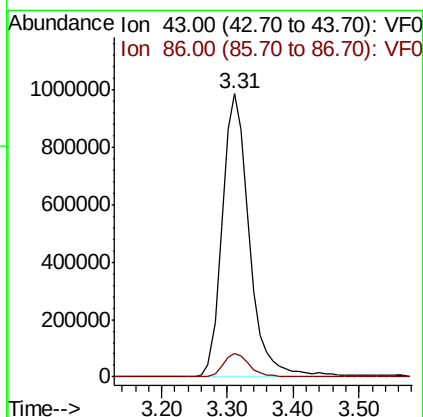
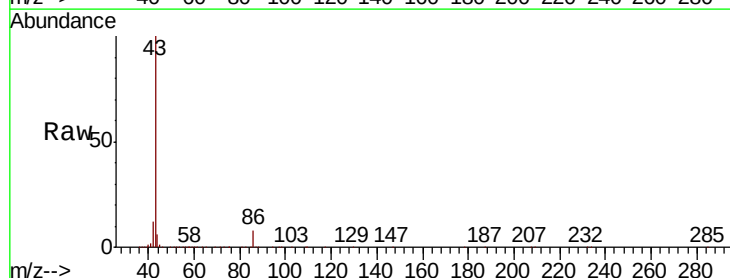
apatel  
 10/2/2018 12:29:46 PM



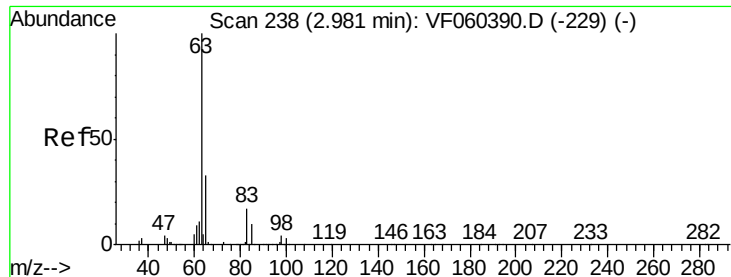
#23

Vinyl Acetate  
 Concen: 677.037 ug/l  
 RT: 3.31 min Scan# 272  
 Delta R.T. 0.00 min  
 Lab File: VF060393.D  
 Acq: 1 Oct 2018 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 86      | 8.5   | 5.1   | 7.7   |







#24

1,1-Dichloroethane

Concen: 131.162 ug/l

RT: 2.98 min Scan# 239

Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

Instrument :

MSVOA\_F

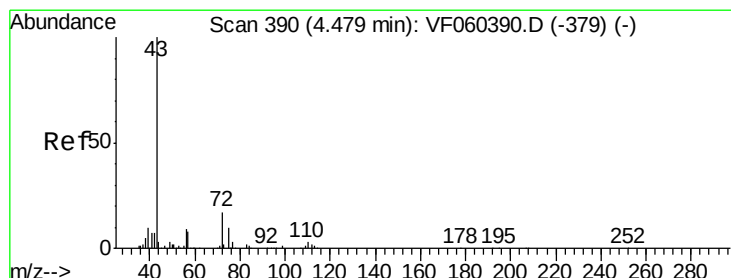
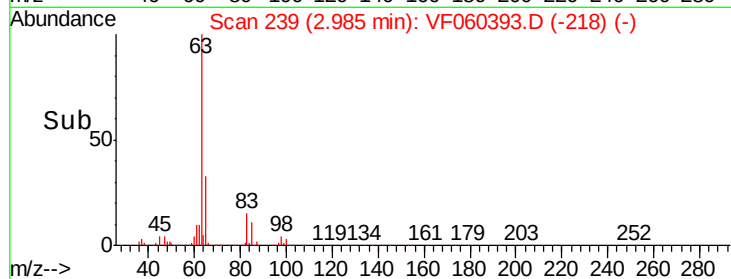
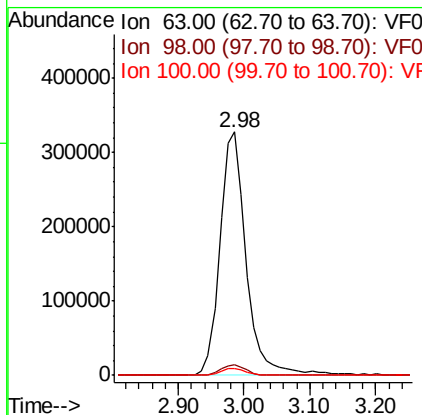
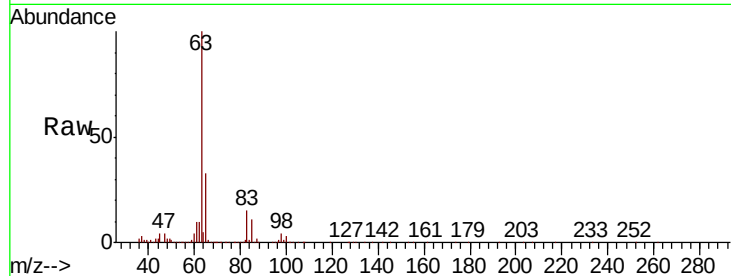
ClientSampleId :

VSTDIC150

|           |     |       |        |
|-----------|-----|-------|--------|
| Tot Ion:  | 63  | Resp: | 910585 |
| Ion Ratio |     | Lower | Upper  |
| 63        | 100 |       |        |
| 98        | 4.4 | 2.0   | 5.8    |
| 100       | 2.8 | 1.4   | 4.2    |

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#25

2-Butanone

Concen: 551.699 ug/l

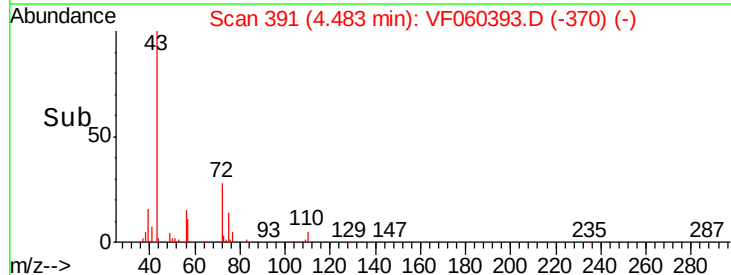
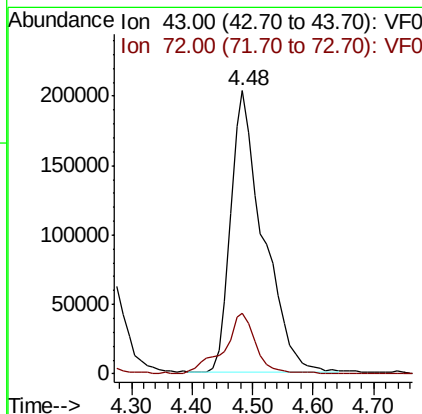
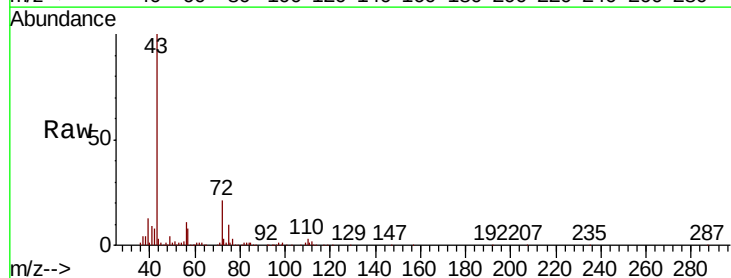
RT: 4.48 min Scan# 391

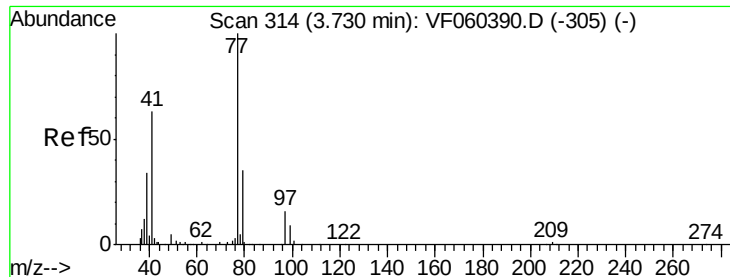
Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 758451 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 72        | 21.4 | 14.1  | 21.1#  |





#26

2,2-Dichloropropane

Concen: 120.932 ug/l

RT: 3.73 min Scan# 315

Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

Tot Ion: 77 Resp: 473573

Ion Ratio Lower Upper

77 100

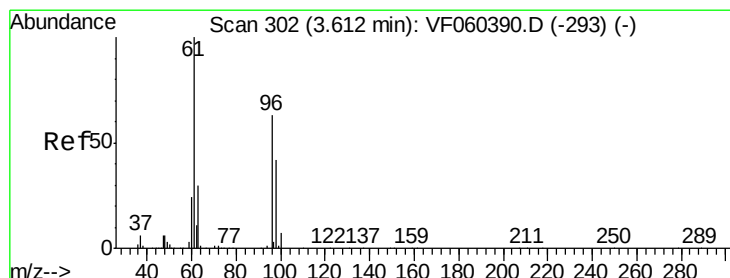
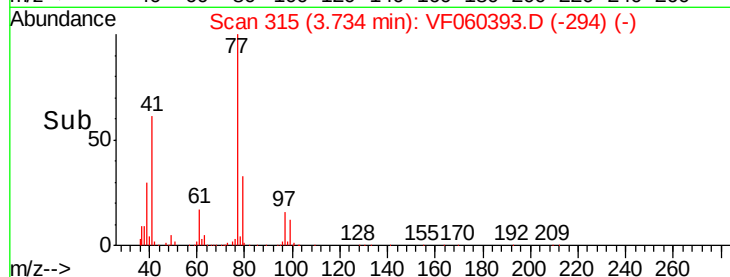
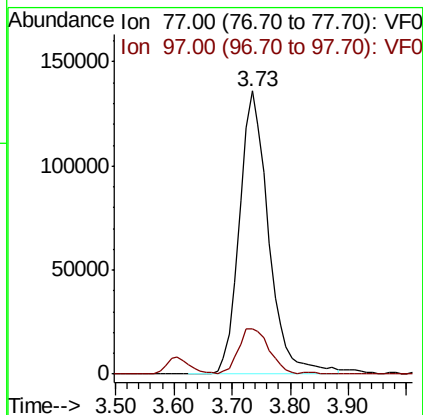
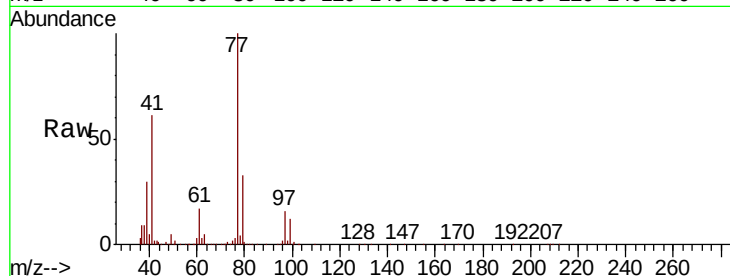
97 16.2 8.3 25.1

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#27

cis-1,2-Dichloroethene

Concen: 129.083 ug/l

RT: 3.61 min Scan# 302

Delta R.T. -0.01 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

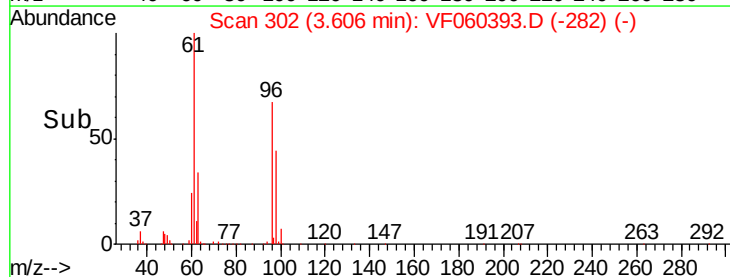
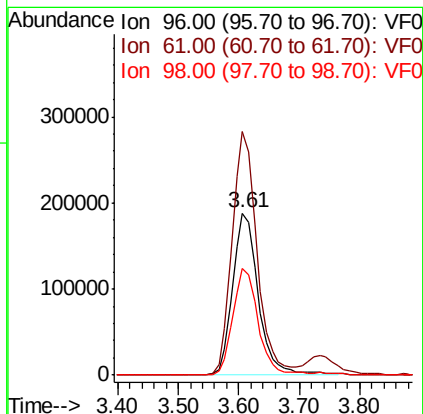
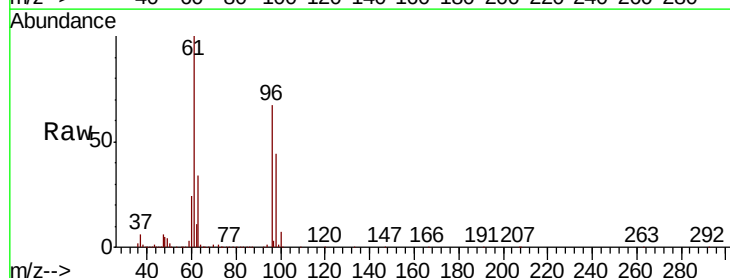
Tgt Ion: 96 Resp: 555340

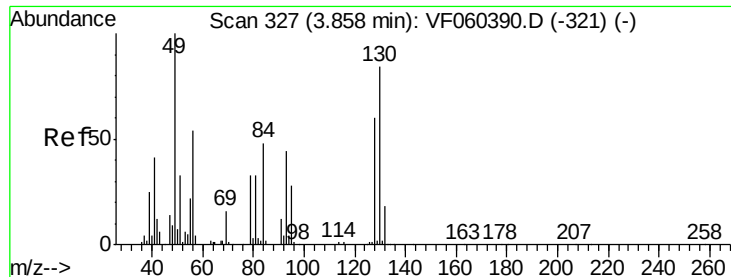
Ion Ratio Lower Upper

96 100

61 150.3 0.0 318.2

98 66.0 0.0 134.0





#28

Bromochloromethane

Concen: 127.512 ug/l

RT: 3.86 min Scan# 328

Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

Instrument :

MSVOA\_F

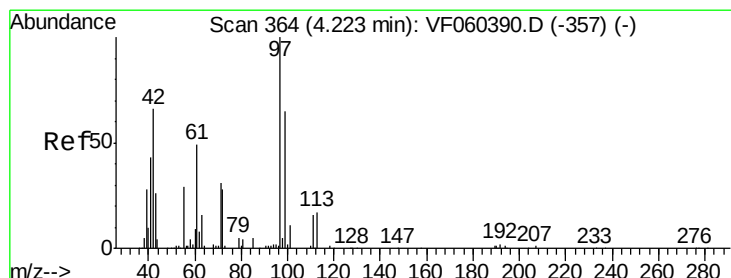
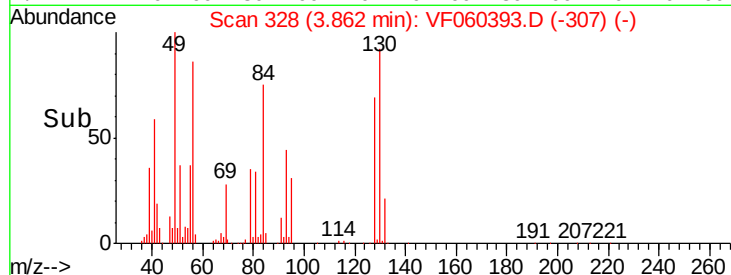
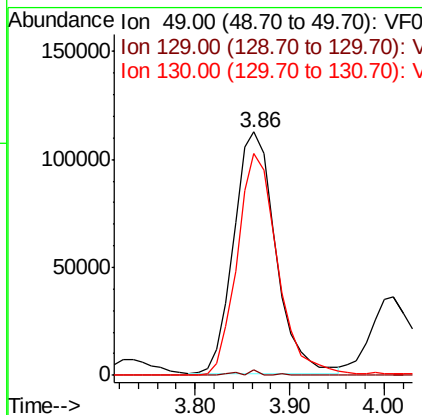
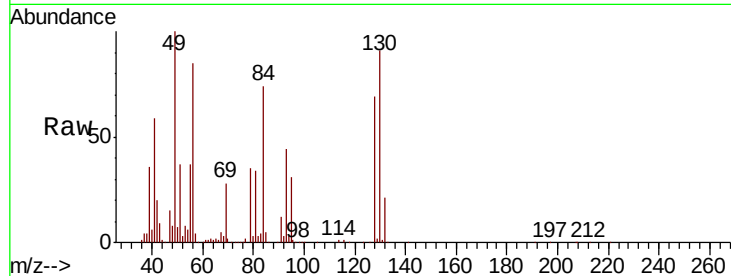
ClientSampleId :

VSTDIC150

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 49    | Resp: | 344575 |
| Ion Ratio | Lower | Upper |        |
| 49        | 100   |       |        |
| 129       | 2.2   | 0.0   | 4.6    |
| 130       | 91.1  | 67.3  | 100.9  |

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#29

Tetrahydrofuran

Concen: 616.938 ug/l

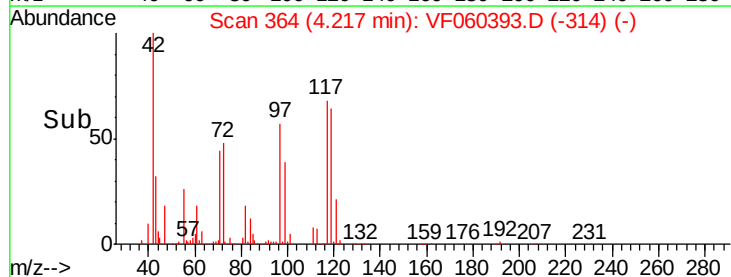
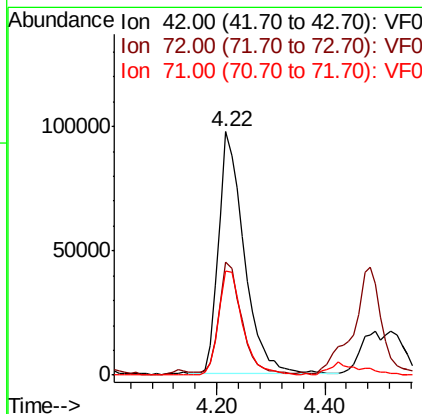
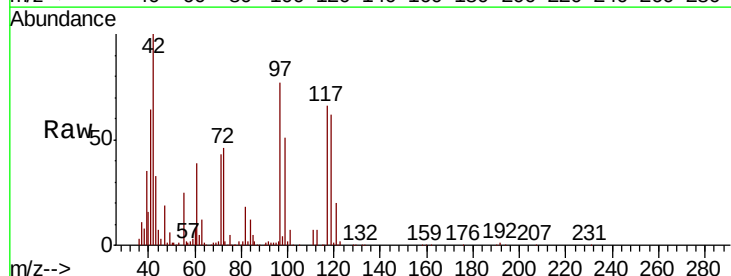
RT: 4.22 min Scan# 364

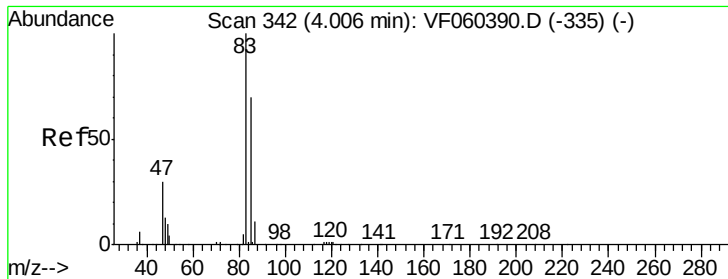
Delta R.T. -0.01 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 42    | Resp: | 318792 |
| Ion Ratio | Lower | Upper |        |
| 42        | 100   |       |        |
| 72        | 41.7  | 33.6  | 50.4   |
| 71        | 40.8  | 32.7  | 49.1   |





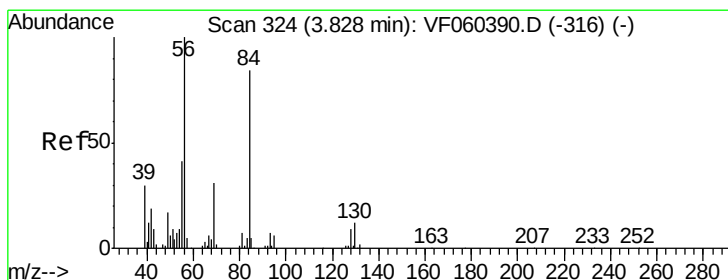
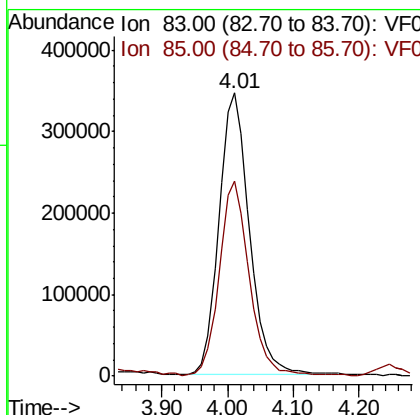
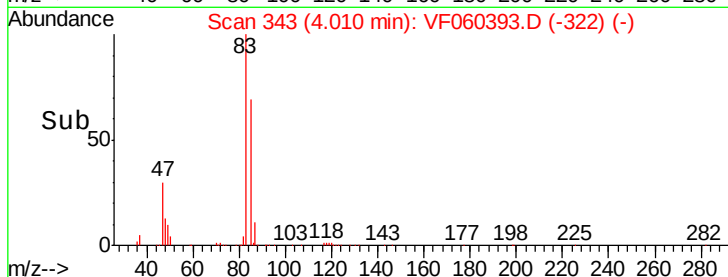
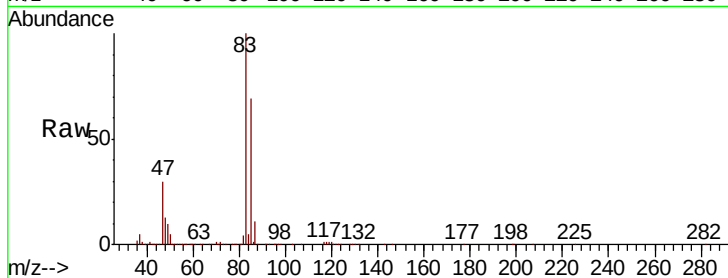
#30  
Chloroform  
Concen: 134.184 ug/l  
RT: 4.01 min Scan# 343  
Delta R.T. 0.00 min  
Lab File: VF060393.D  
Acq: 1 Oct 2018 20:05

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

Tot Ion: 83 Resp: 1117583  
Ion Ratio Lower Upper  
83 100  
85 68.9 55.9 83.9

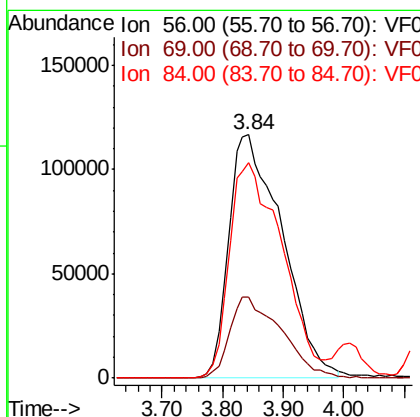
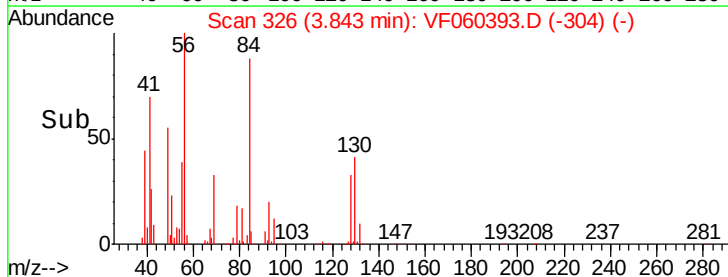
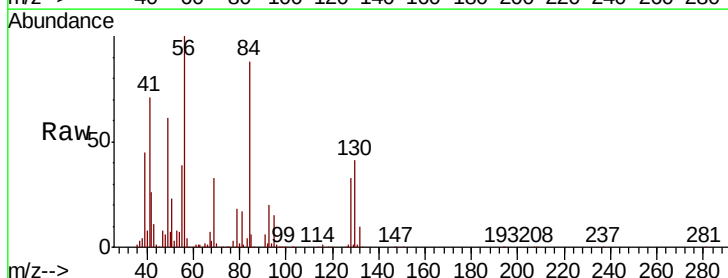
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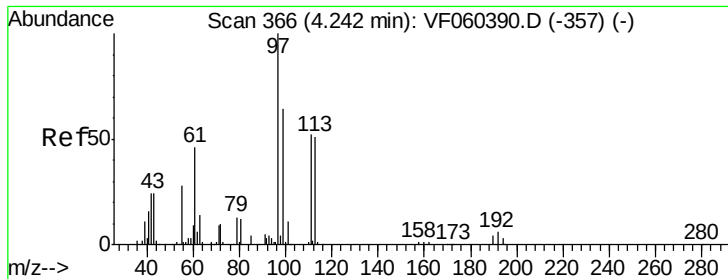
apatel  
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#31  
Cyclohexane  
Concen: 124.442 ug/l  
RT: 3.84 min Scan# 326  
Delta R.T. 0.01 min  
Lab File: VF060393.D  
Acq: 1 Oct 2018 20:05

Tgt Ion: 56 Resp: 713089  
Ion Ratio Lower Upper  
56 100  
69 33.4 25.5 38.3  
84 88.3 67.4 101.0





#32

1,1,1-Trichloroethane

Concen: 135.979 ug/l

RT: 4.25 min Scan# 367

Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

Instrument :

MSVOA\_F

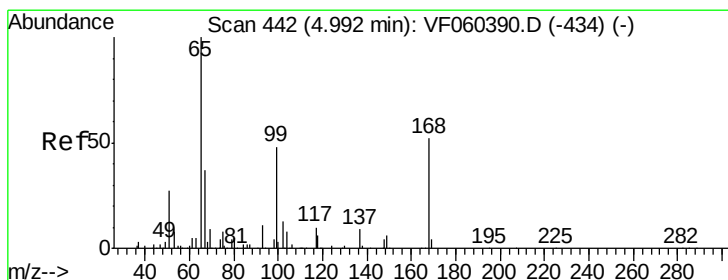
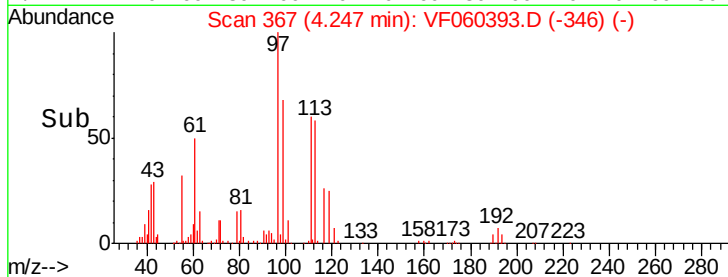
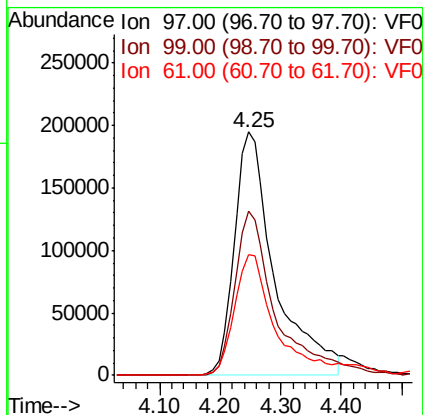
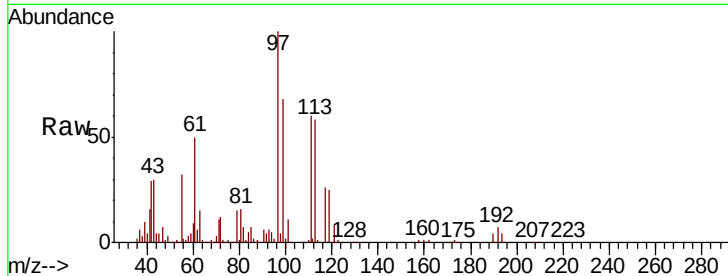
ClientSampleId :

VSTDIC150

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 907459 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 67.7  | 51.0  | 76.4   |
| 61       | 49.6  | 37.5  | 56.3   |

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#33

1,2-Dichloroethane-d4

Concen: 153.879 ug/l

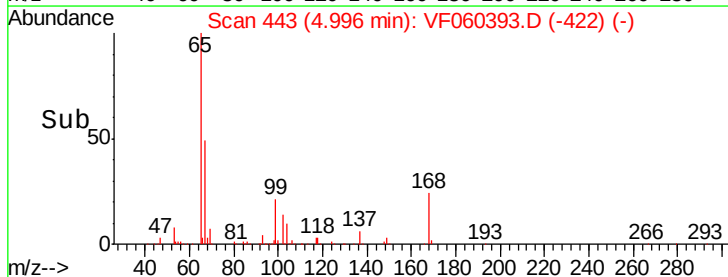
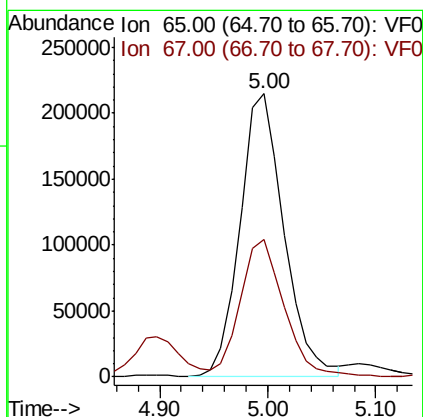
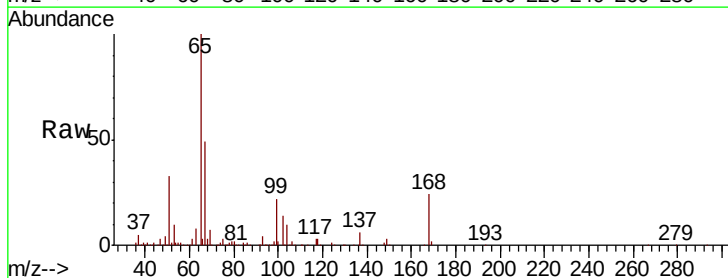
RT: 5.00 min Scan# 443

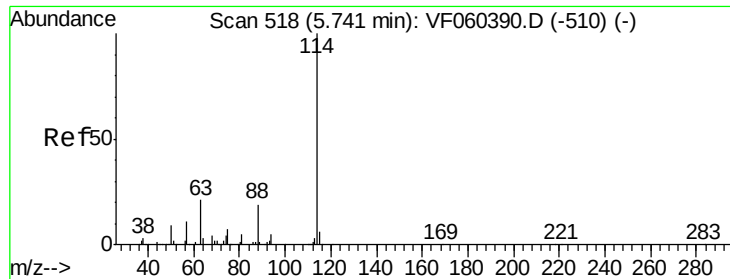
Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 65    | Resp: | 605951 |
| Ion      | Ratio | Lower | Upper  |
| 65       | 100   |       |        |
| 67       | 48.6  | 0.0   | 89.4   |





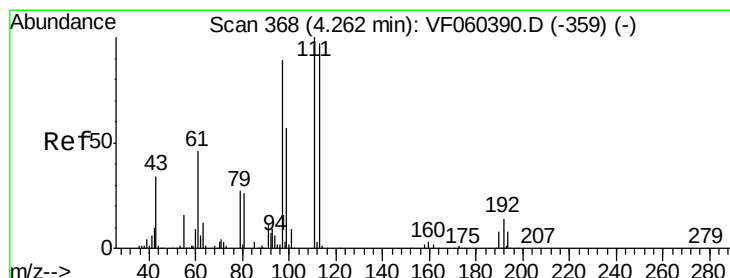
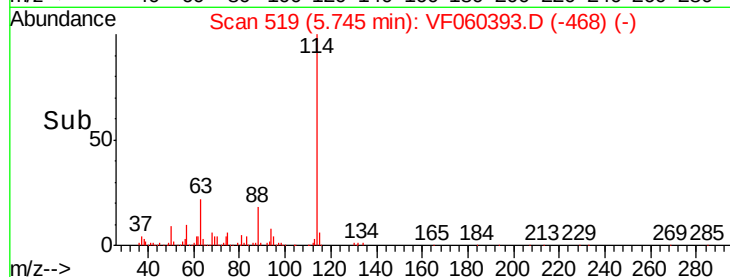
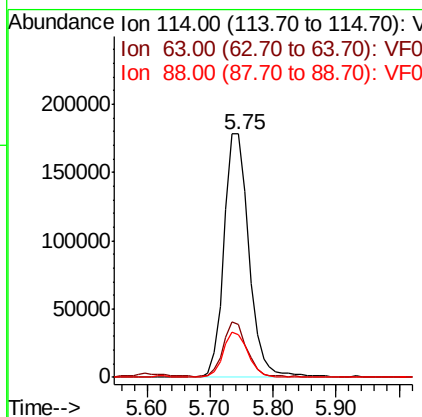
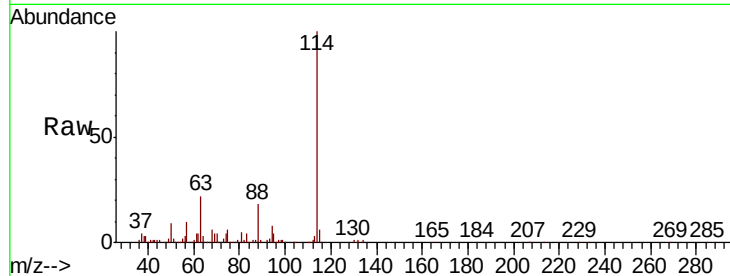
#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.75 min Scan# 519  
 Delta R.T. 0.00 min  
 Lab File: VF060393.D  
 Acq: 1 Oct 2018 20:05

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 114     | 100   |            |       |
| 63      | 21.9  | 0.0        | 42.2  |
| 88      | 17.6  | 0.0        | 38.8  |

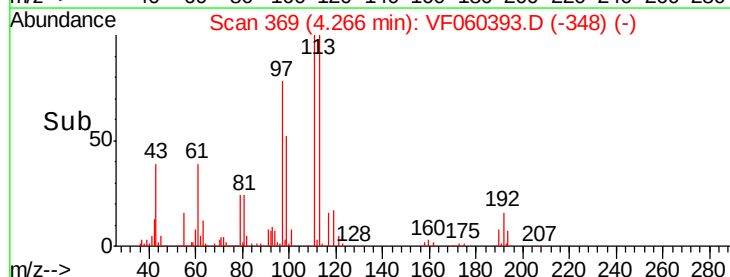
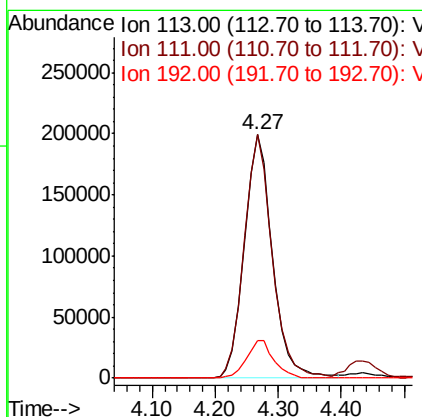
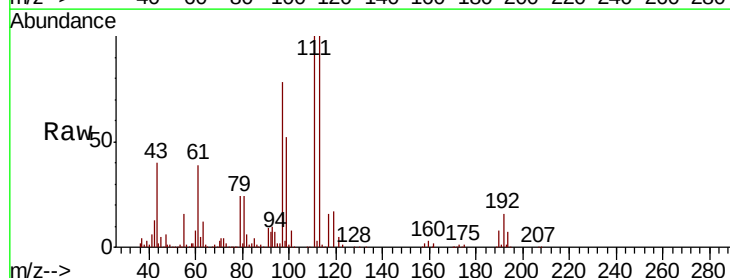
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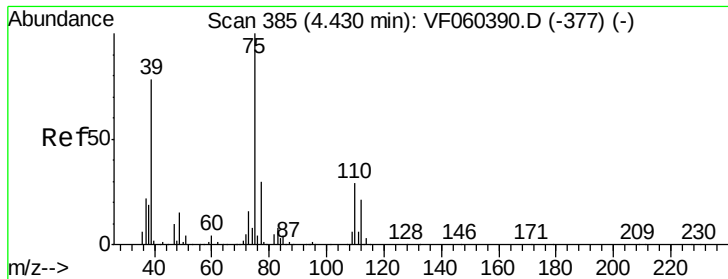
apatel  
 10/2/2018 12:29:46 PM



#35  
 Dibromofluoromethane  
 Concen: 138.752 ug/l  
 RT: 4.27 min Scan# 369  
 Delta R.T. 0.00 min  
 Lab File: VF060393.D  
 Acq: 1 Oct 2018 20:05

| Tgt Ion | Ratio | Resp Lower | Upper |
|---------|-------|------------|-------|
| 113     | 100   |            |       |
| 111     | 99.9  | 82.3       | 123.5 |
| 192     | 15.6  | 11.8       | 17.6  |





#36

1,1-Dichloropropene

Concen: 130.423 ug/l

RT: 4.43 min Scan# 386

Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

Instrument :

MSVOA\_F

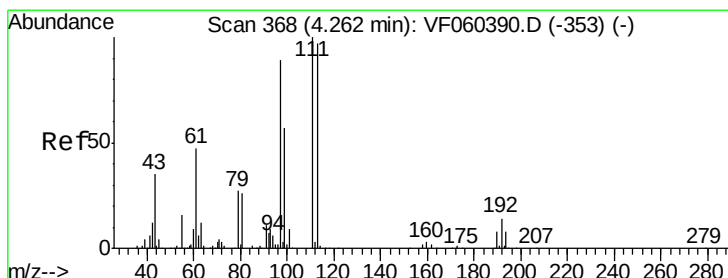
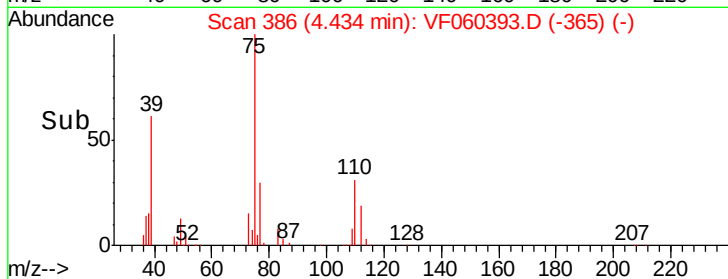
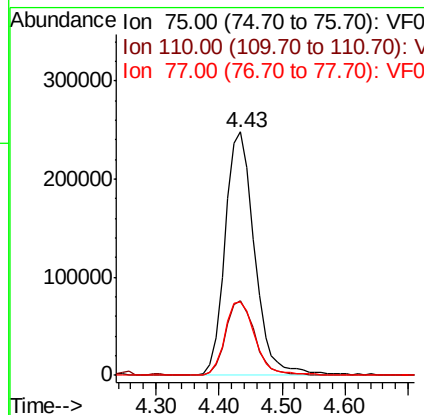
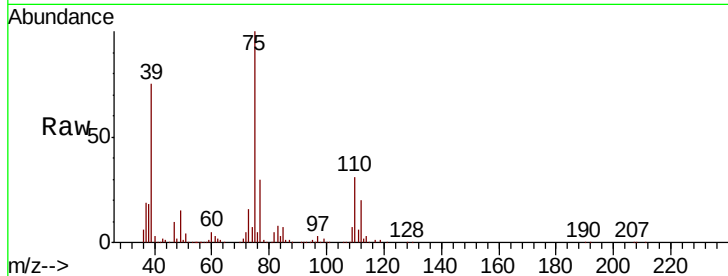
ClientSampleId :

VSTDIC150

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 75    | Resp: | 804243 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 30.9  | 14.5  | 43.6   |
| 77        | 30.3  | 24.3  | 36.5   |

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#37

Ethyl Acetate

Concen: 120.159 ug/l

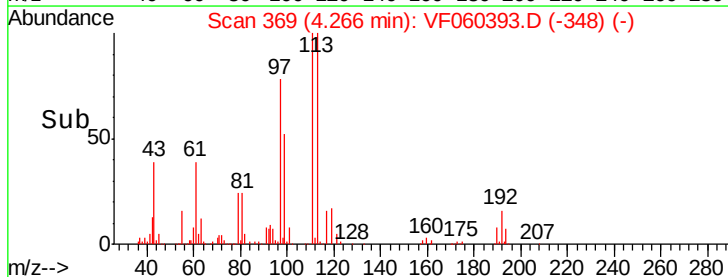
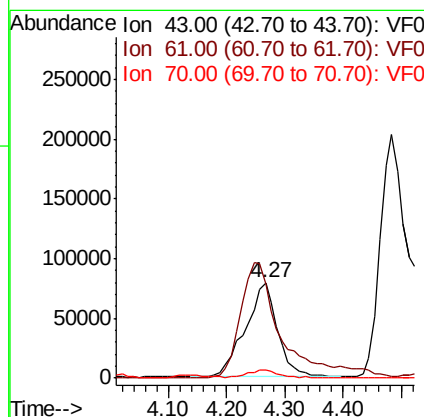
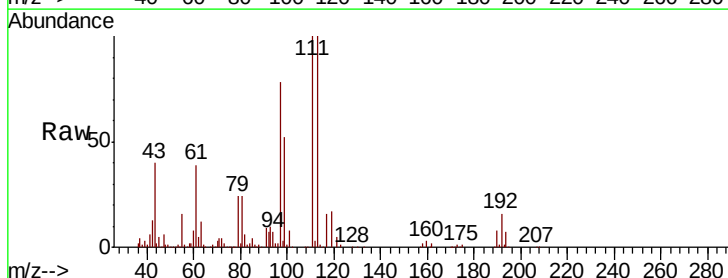
RT: 4.27 min Scan# 369

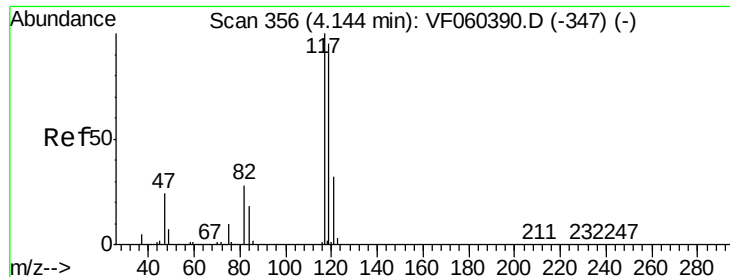
Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 306163 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 61        | 98.3  | 105.1 | 157.7# |
| 70        | 8.7   | 8.0   | 12.0   |





#38

Carbon Tetrachloride

Concen: 137.705 ug/l m

RT: 4.14 min Scan# 356

Delta R.T. -0.01 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

Instrument :

MSVOA\_F

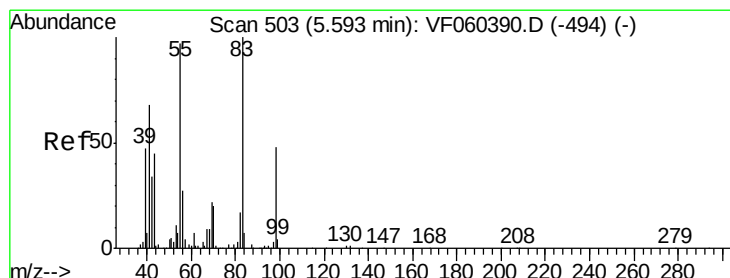
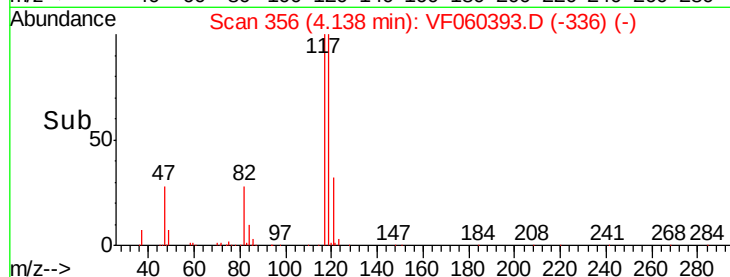
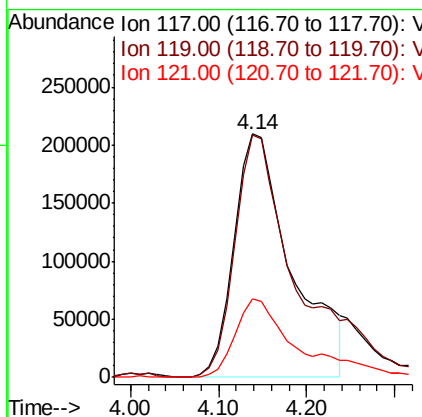
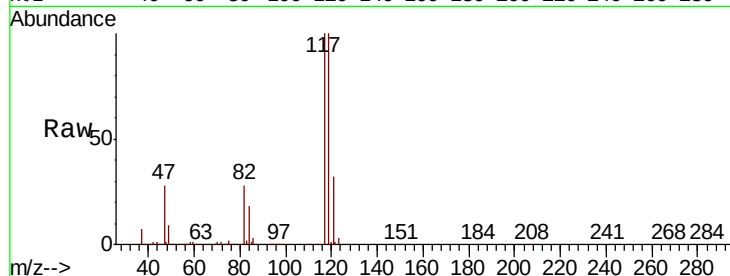
ClientSampleId :

VSTDIC150

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 117   | Resp: | 955879 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 99.5  | 75.5  | 113.3  |
| 121       | 32.4  | 25.4  | 38.0   |

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#39

Methylcyclohexane

Concen: 121.133 ug/l

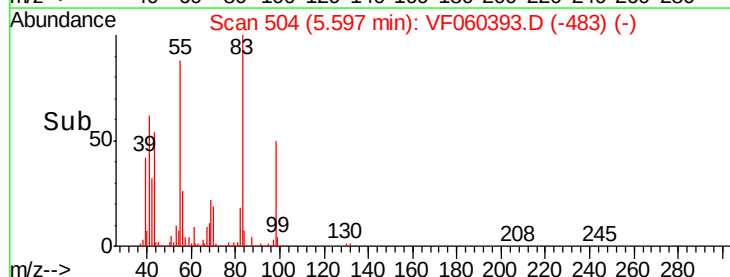
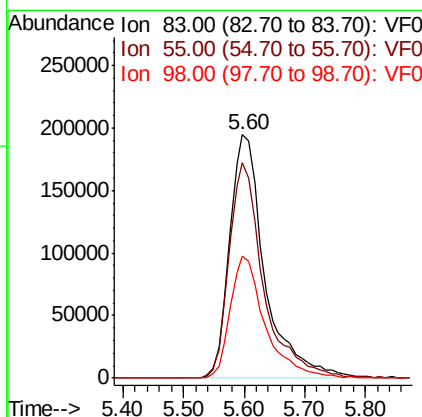
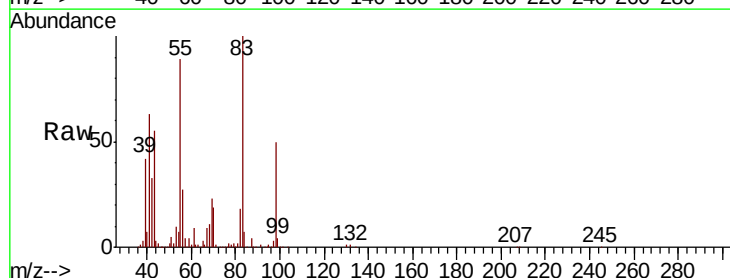
RT: 5.60 min Scan# 504

Delta R.T. 0.00 min

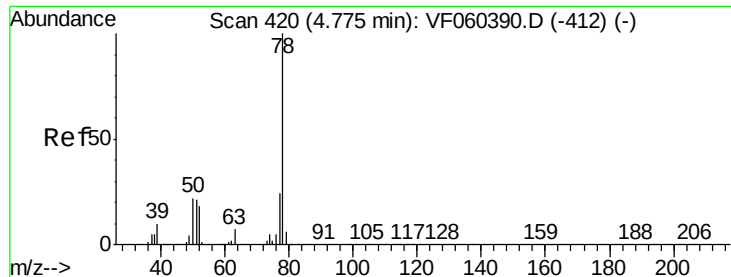
Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 784895 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 55        | 88.6  | 77.5  | 116.3  |
| 98        | 50.1  | 38.7  | 58.1   |







#40

Benzene

Concen: 119.670 ug/l

RT: 4.79 min Scan# 422

Delta R.T. 0.01 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

Tot Ion: 78 Resp: 1623033

Ion Ratio Lower Upper

78 100

77 24.7 19.2 28.8

Instrument :

MSVOA\_F

ClientSampleId :

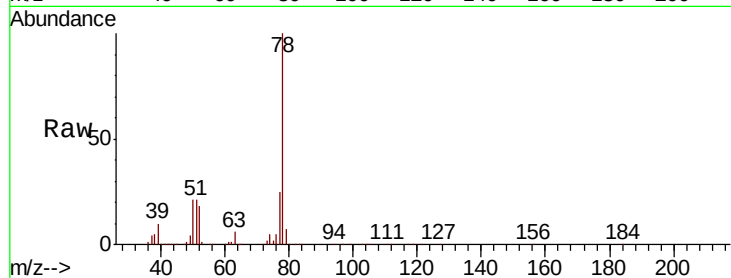
VSTDIC150

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Abundance Ion 78.10 (77.80 to 78.80): VF0

Ion 77.00 (76.70 to 77.70): VF0

600000

500000

400000

300000

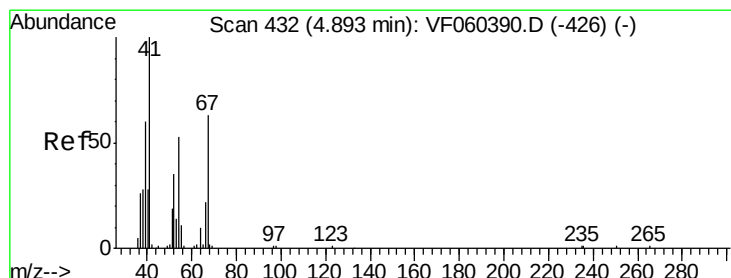
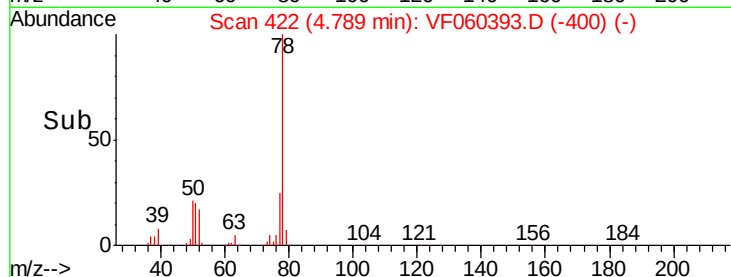
200000

100000

0

4.60 4.70 4.80 4.90 5.00

Time-->



#41

Methacrylonitrile

Concen: 126.842 ug/l

RT: 4.90 min Scan# 433

Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

Tgt Ion: 41 Resp: 173370

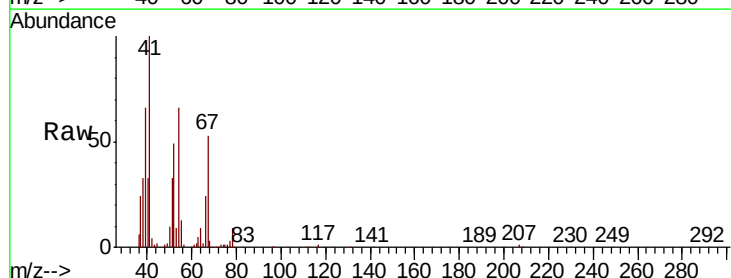
Ion Ratio Lower Upper

41 100

39 65.7 55.0 82.4

67 53.2 49.6 74.4

52 48.7 38.8 58.2



Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

150000

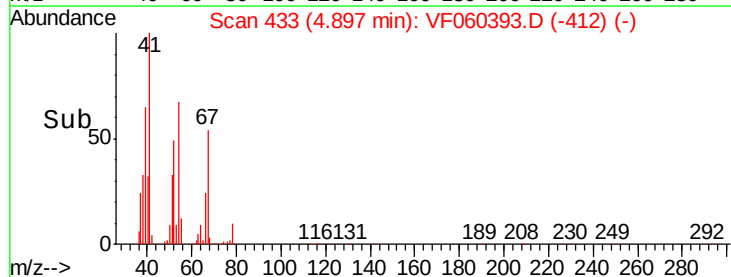
100000

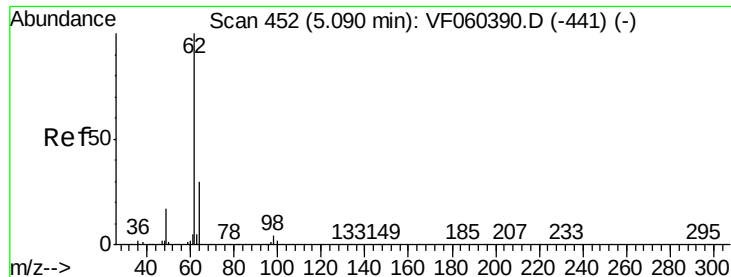
50000

0

4.80 4.90 5.00

Time-->





#42

1,2-Dichloroethane

Concen: 144.952 ug/l

RT: 5.09 min Scan# 453

Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

Tot Ion: 62 Resp: 761105

Ion Ratio Lower Upper

62 100

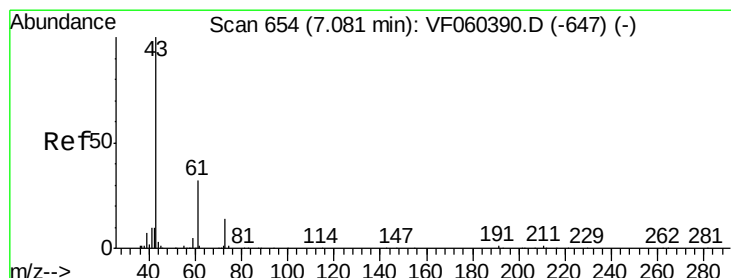
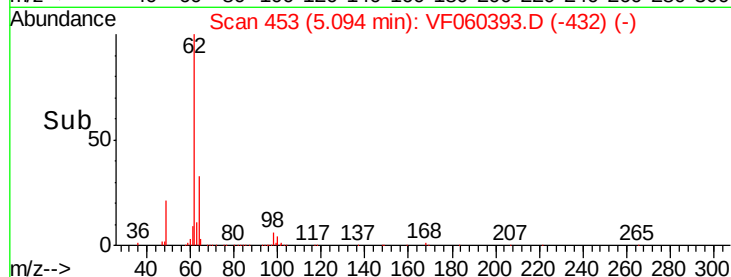
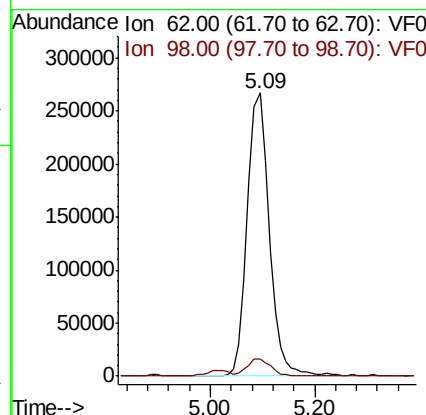
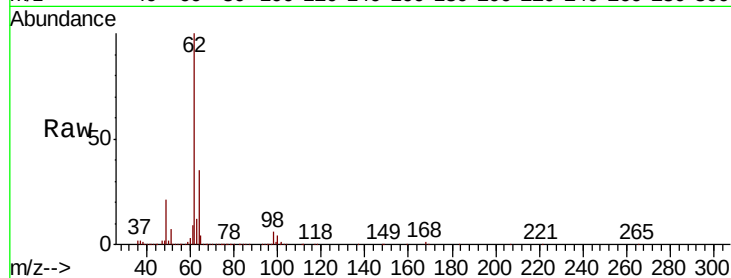
98 6.2 0.0 11.2

Manual Integrations

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#43

Isopropyl Acetate

Concen: 135.020 ug/l

RT: 7.09 min Scan# 655

Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

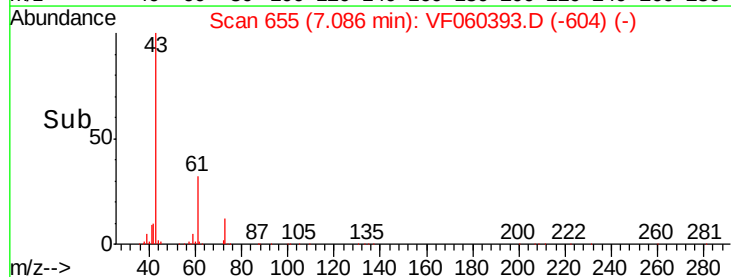
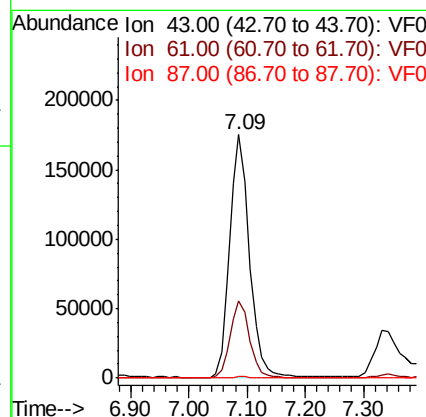
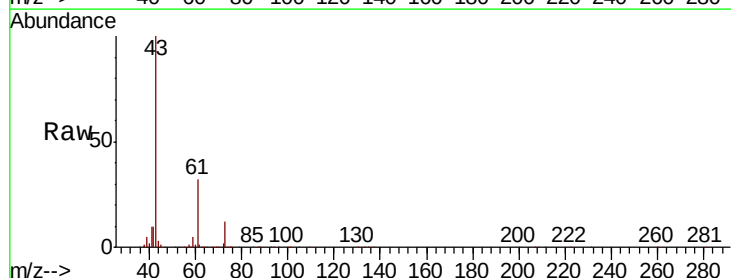
Tgt Ion: 43 Resp: 414589

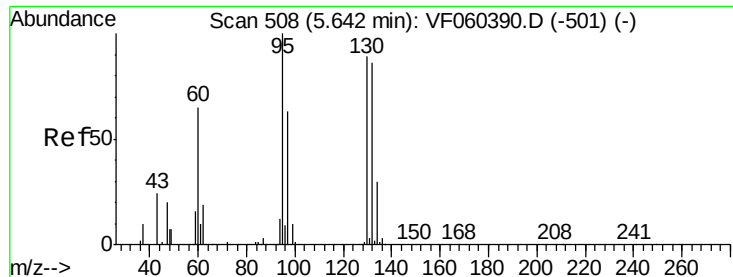
Ion Ratio Lower Upper

43 100

61 31.5 25.4 38.2

87 0.4 0.3 0.5





#44

Trichloroethene

Concen: 121.682 ug/l

RT: 5.65 min Scan# 509

Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

Tot Ion:130 Resp: 494389

Ion Ratio Lower Upper

130 100

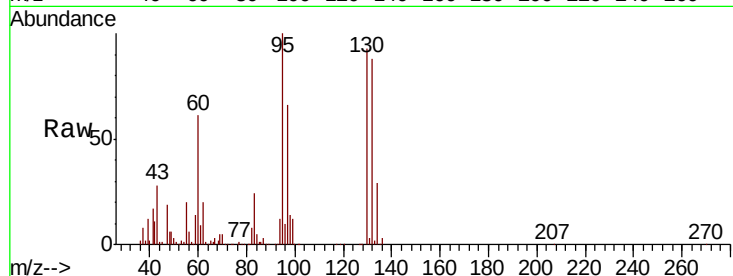
95 107.4 0.0 224.4

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Abundance Ion 129.90 (129.60 to 130.60): VF0

Ion 94.90 (94.60 to 95.60): VF0

5.65

200000

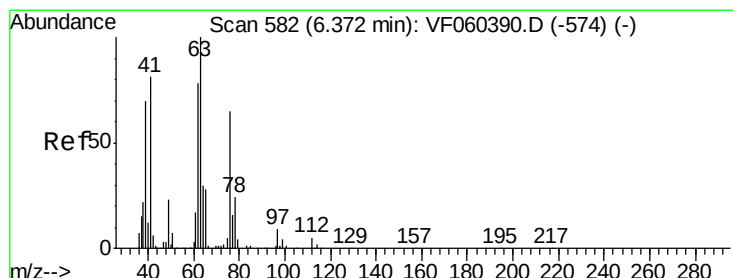
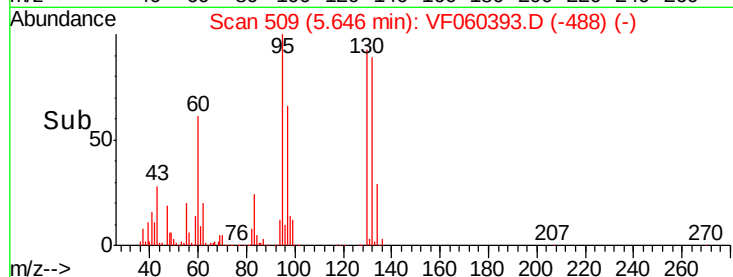
150000

100000

50000

0

Time-->



#45

1,2-Dichloropropane

Concen: 125.781 ug/l

RT: 6.38 min Scan# 583

Delta R.T. 0.00 min

Lab File: VF060393.D

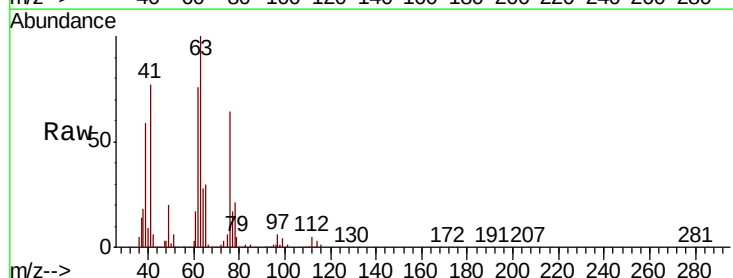
Acq: 1 Oct 2018 20:05

Tgt Ion: 63 Resp: 444433

Ion Ratio Lower Upper

63 100

65 30.2 22.7 34.1



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

6.38

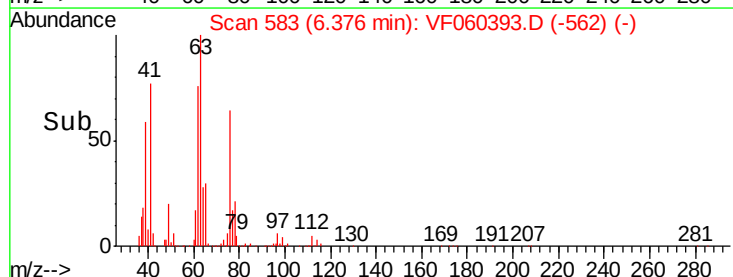
150000

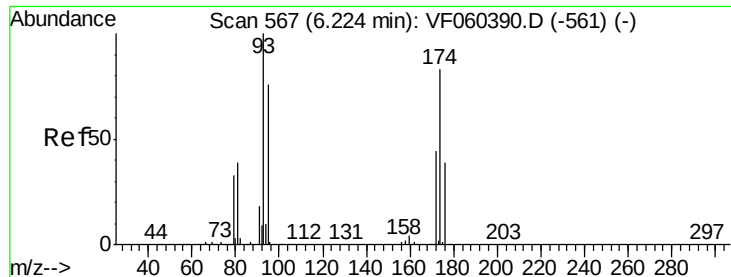
100000

50000

0

Time-->





#46

Dibromomethane

Concen: 130.972 ug/l

RT: 6.23 min Scan# 568

Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

Instrument :

MSVOA\_F

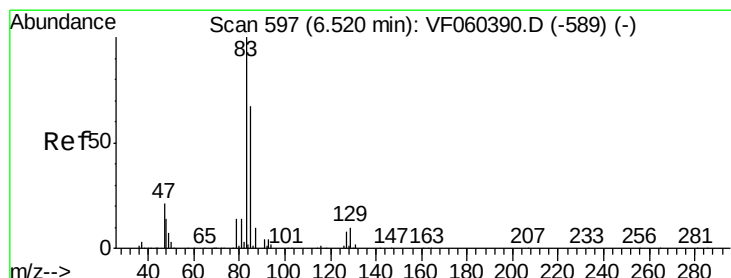
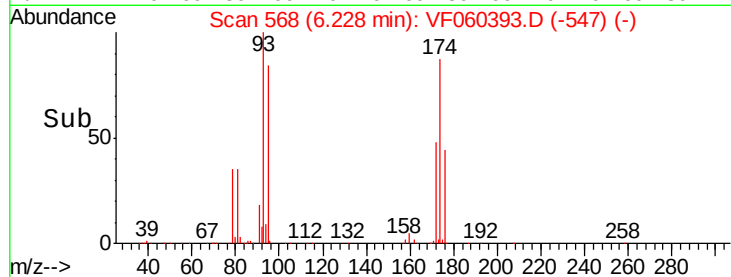
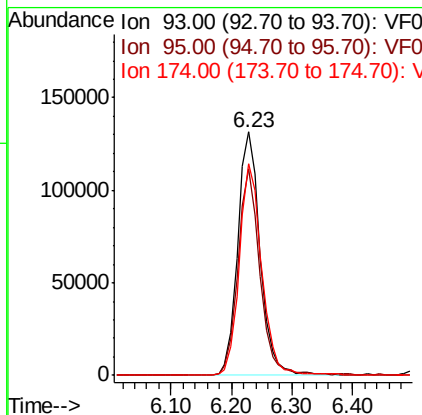
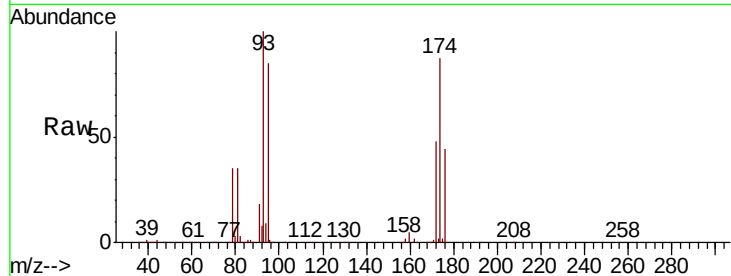
ClientSampleId :

VSTDIC150

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 93    | Resp: | 338055 |
| Ion Ratio | Lower | Upper |        |
| 93        | 100   |       |        |
| 95        | 85.7  | 61.1  | 91.7   |
| 174       | 86.8  | 66.7  | 100.1  |

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#47

Bromodichloromethane

Concen: 131.767 ug/l

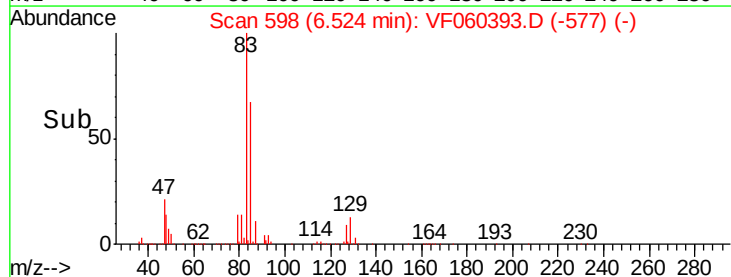
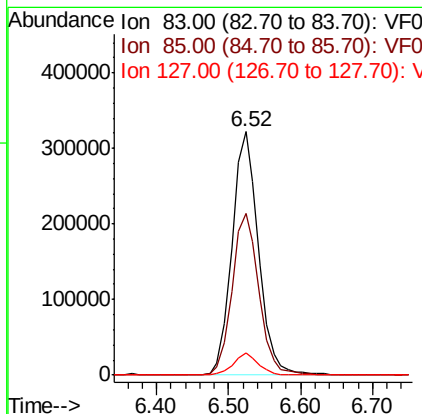
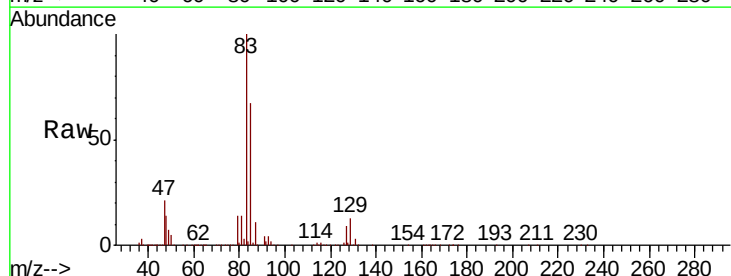
RT: 6.52 min Scan# 598

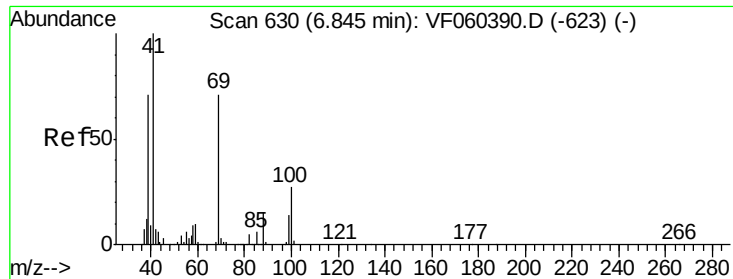
Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 83    | Resp: | 821284 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 66.6  | 53.2  | 79.8   |
| 127       | 8.9   | 6.6   | 9.8    |





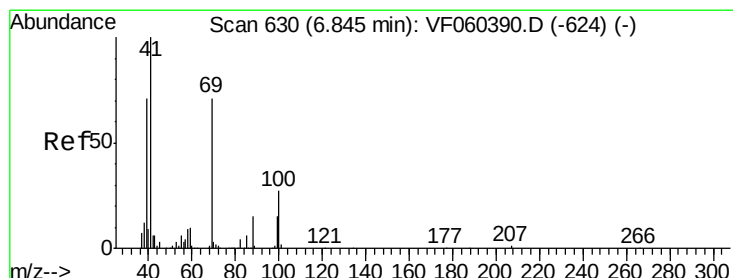
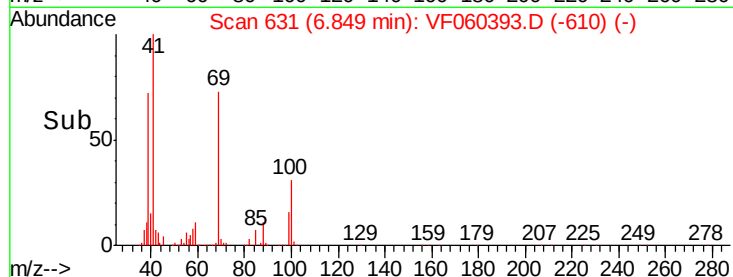
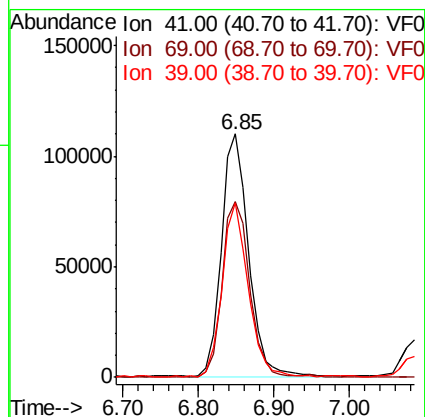
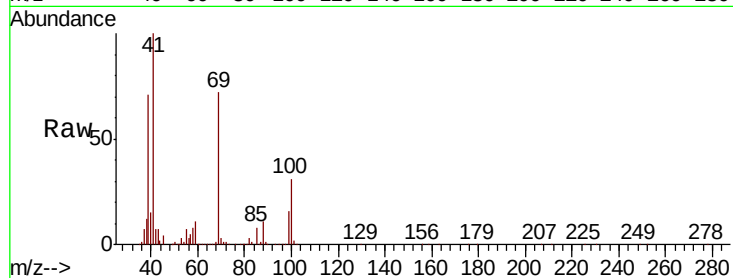
#48  
Methvl methacrylate  
Concen: 125.569 ug/l  
RT: 6.85 min Scan# 631  
Delta R.T. 0.00 min  
Lab File: VF060393.D  
Acq: 1 Oct 2018 20:05

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 69      | 72.3  | 56.3  | 84.5  |
| 39      | 71.5  | 56.9  | 85.3  |

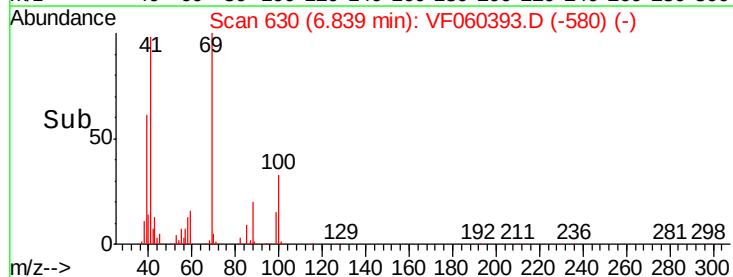
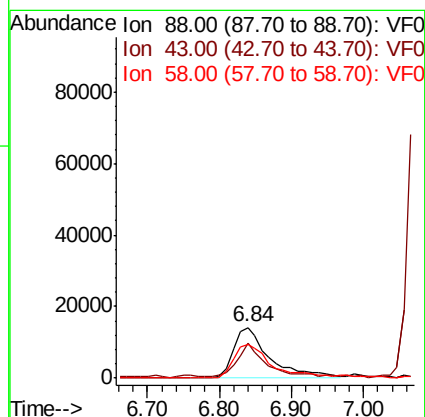
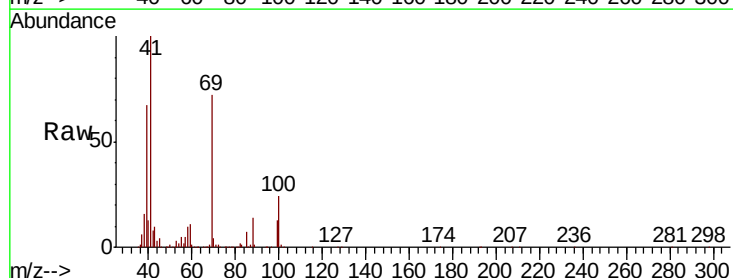
Manual Integrations  
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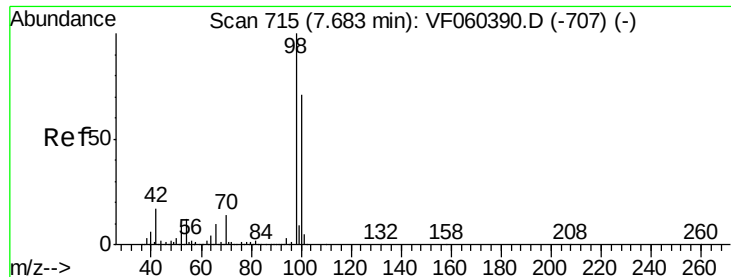
apatel  
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#49  
1,4-Dioxane  
Concen: 2566.622 ug/l  
RT: 6.84 min Scan# 630  
Delta R.T. -0.01 min  
Lab File: VF060393.D  
Acq: 1 Oct 2018 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 88      | 100   |       |       |
| 43      | 69.1  | 38.3  | 57.5# |
| 58      | 67.6  | 47.4  | 71.2  |





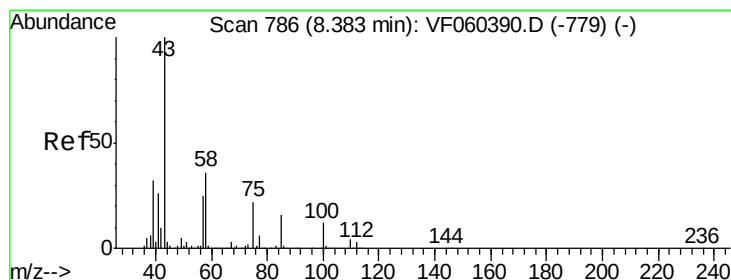
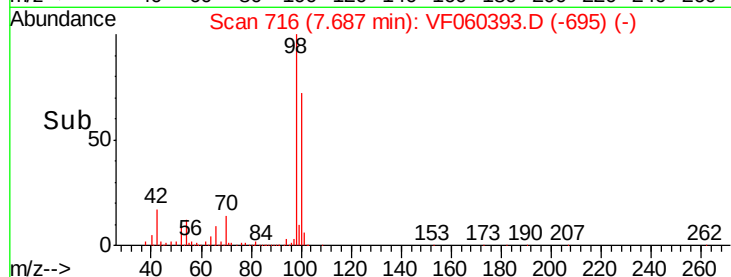
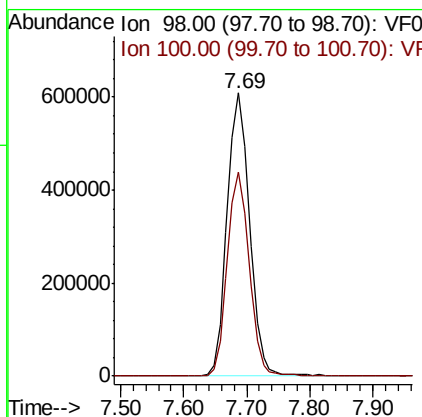
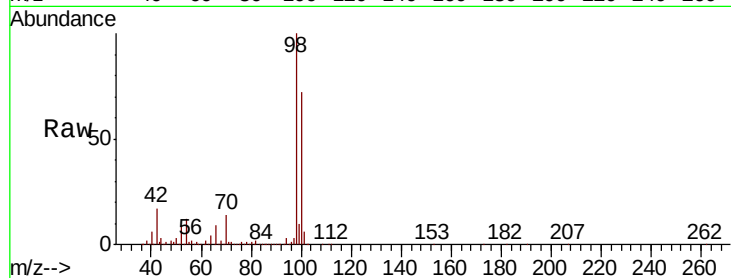
#50  
Toluene-d8  
Concen: 131.433 ug/l  
RT: 7.69 min Scan# 716  
Delta R.T. 0.00 min  
Lab File: VF060393.D  
Acq: 1 Oct 2018 20:05

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

Tot Ion: 98 Resp: 1503730  
Ion Ratio Lower Upper  
98 100  
100 71.9 56.5 84.7

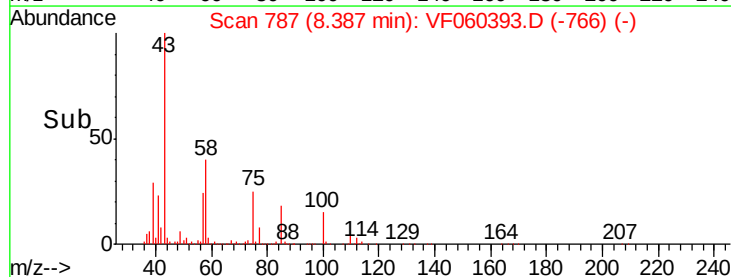
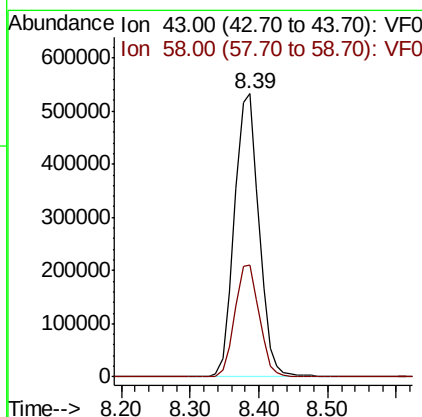
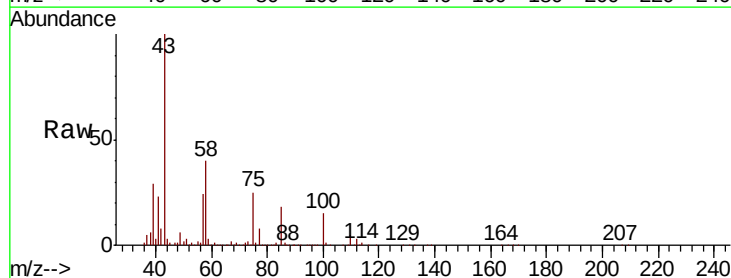
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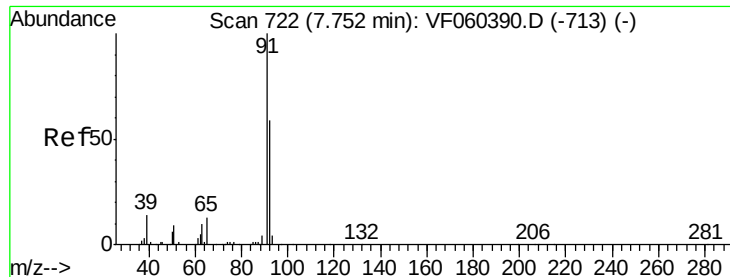
apatel  
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#51  
4-Methyl-2-Pentanone  
Concen: 572.047 ug/l  
RT: 8.39 min Scan# 787  
Delta R.T. 0.00 min  
Lab File: VF060393.D  
Acq: 1 Oct 2018 20:05

Tgt Ion: 43 Resp: 1318591  
Ion Ratio Lower Upper  
43 100  
58 39.7 28.5 42.7





#52

Toluene

Concen: 122.536 ug/l

RT: 7.76 min Scan# 723

Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

Tot Ion: 92 Resp: 1060528

Ion Ratio Lower Upper

92 100

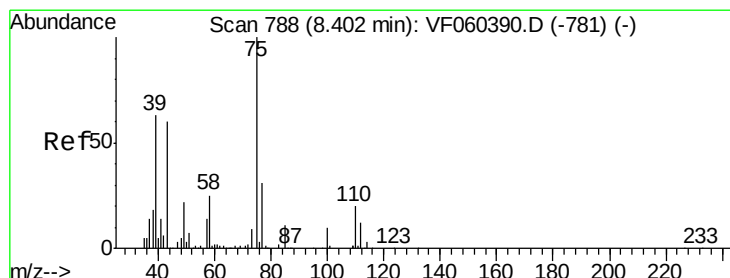
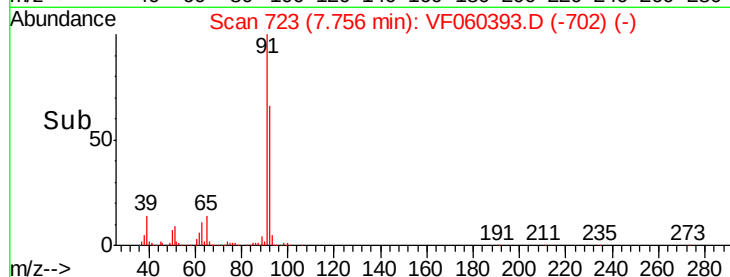
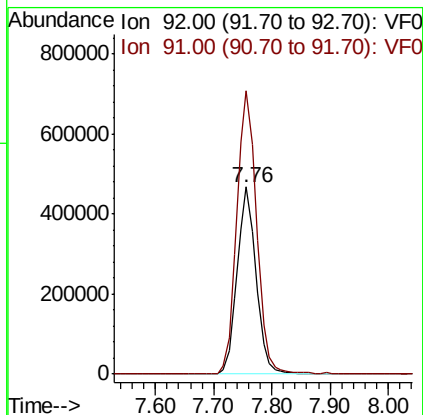
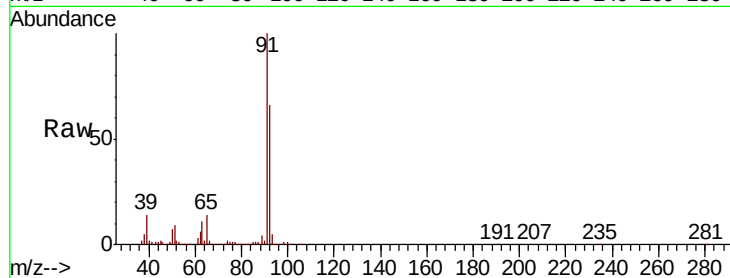
91 151.1 135.4 203.0

Manual Integrations

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#53

t-1,3-Dichloropropene

Concen: 131.987 ug/l

RT: 8.41 min Scan# 789

Delta R.T. 0.00 min

Lab File: VF060393.D

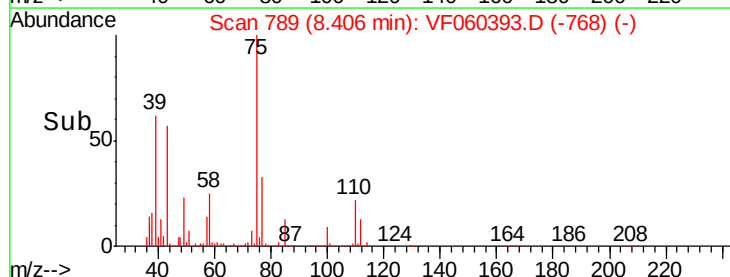
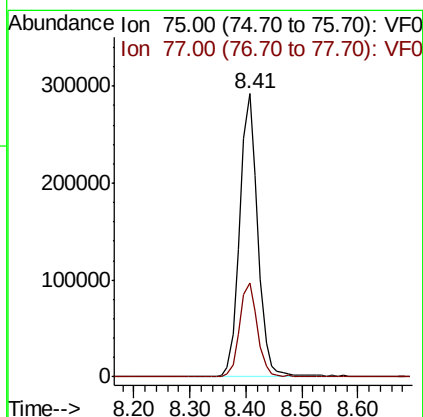
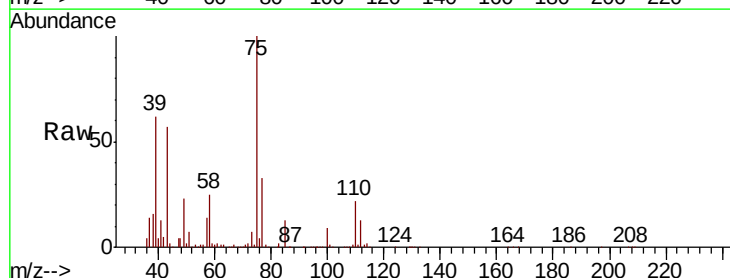
Acq: 1 Oct 2018 20:05

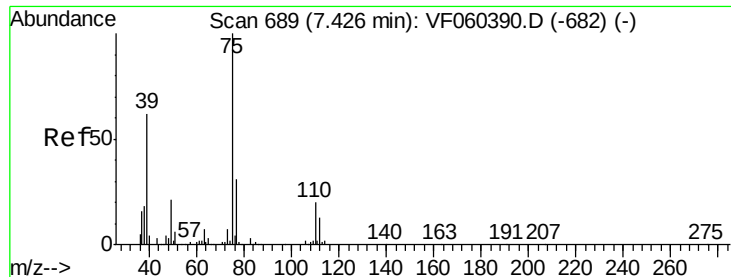
Tgt Ion: 75 Resp: 655807

Ion Ratio Lower Upper

75 100

77 33.1 24.6 36.8





#54

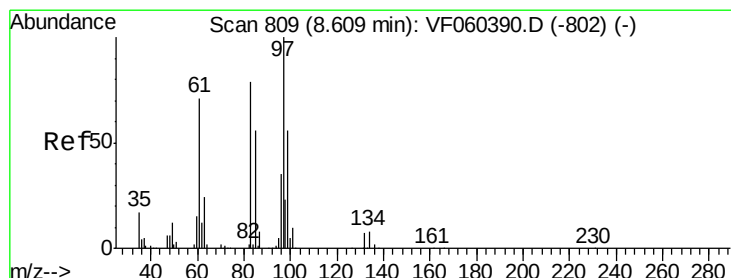
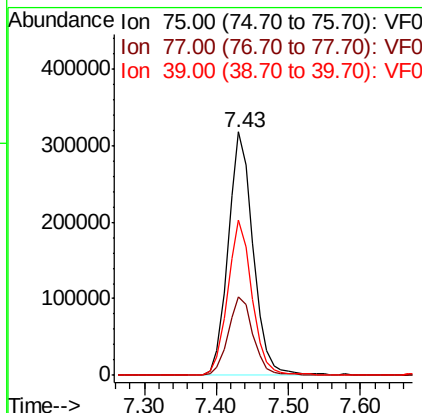
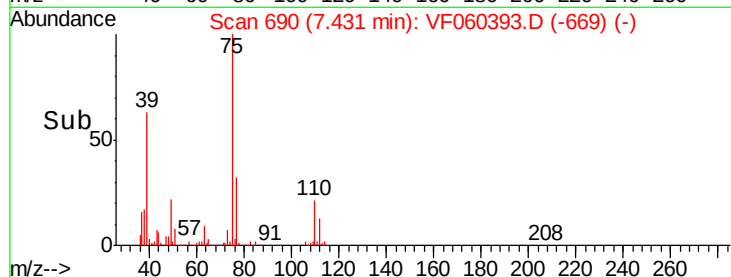
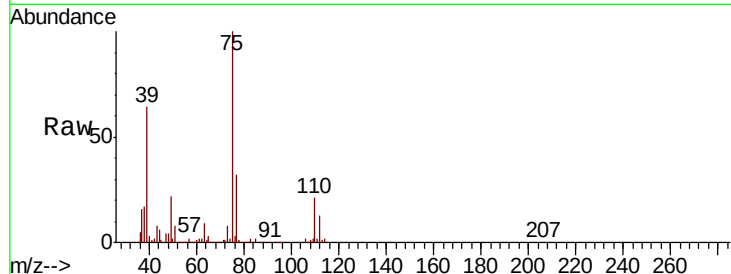
cis-1,3-Dichloropropene  
Concen: 122.538 ug/l  
RT: 7.43 min Scan# 690  
Delta R.T. 0.00 min  
Lab File: VF060393.D  
Acq: 1 Oct 2018 20:05

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 75    | Resp: | 763980 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 77        | 32.4  | 25.2  | 37.8   |
| 39        | 63.6  | 49.7  | 74.5   |

Manual Integrations  
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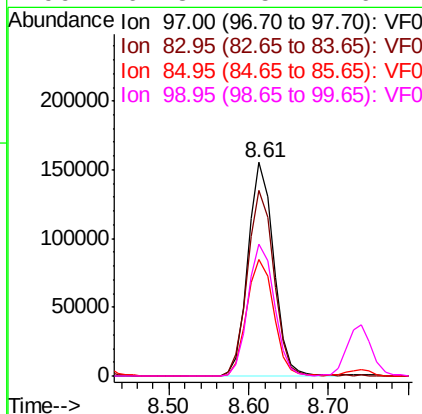
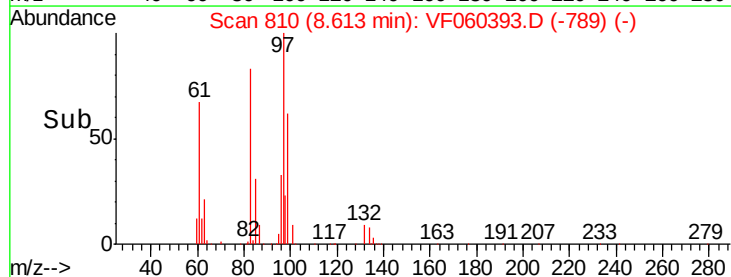
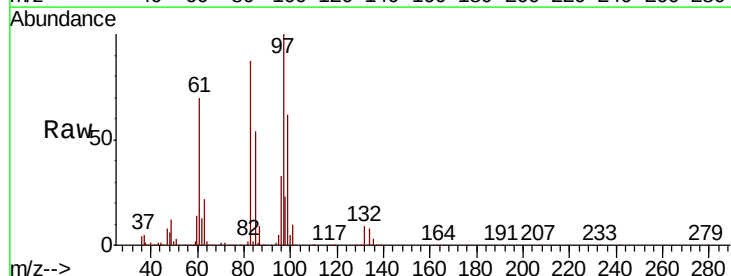
apatel  
10/2/2018 12:29:46 PM



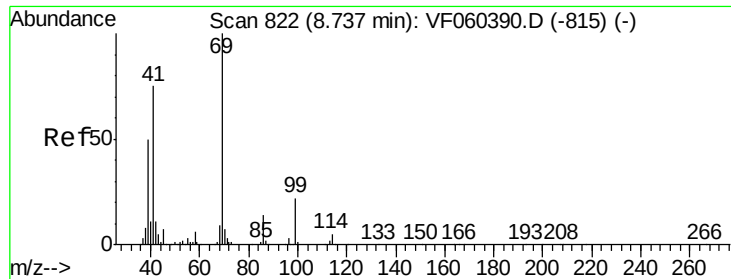
#55

1,1,2-Trichloroethane  
Concen: 131.234 ug/l  
RT: 8.61 min Scan# 810  
Delta R.T. 0.00 min  
Lab File: VF060393.D  
Acq: 1 Oct 2018 20:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 97    | Resp: | 344617 |
| Ion Ratio | Lower | Upper |        |
| 97        | 100   |       |        |
| 83        | 87.0  | 63.4  | 95.0   |
| 85        | 54.3  | 44.5  | 66.7   |
| 99        | 61.8  | 45.1  | 67.7   |







#56

Ethyl methacrylate

Concen: 129.498 ug/l

RT: 8.74 min Scan# 823

Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

Instrument :

MSVOA\_F

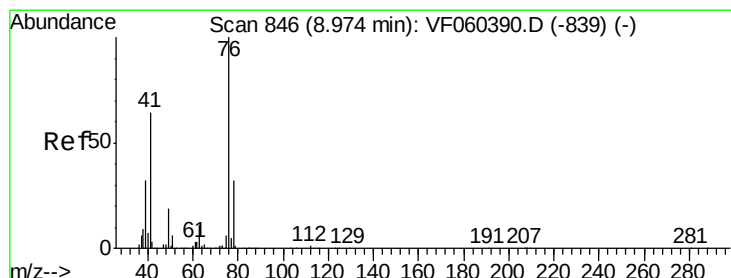
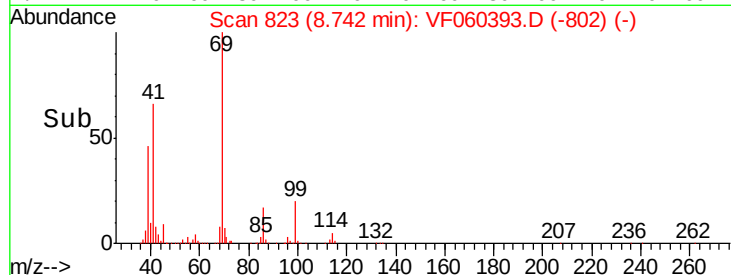
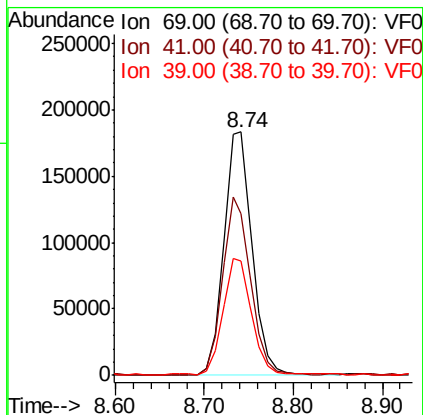
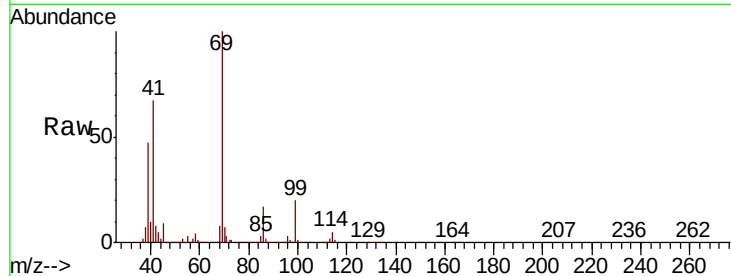
ClientSampleId :

VSTDIC150

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 69    | Resp: | 411155 |
| Ion Ratio | Lower | Upper |        |
| 69        | 100   |       |        |
| 41        | 66.6  | 60.2  | 90.4   |
| 39        | 46.8  | 40.2  | 60.2   |

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#57

1,3-Dichloropropane

Concen: 134.558 ug/l

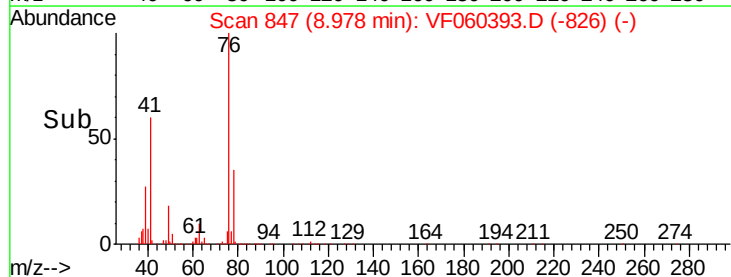
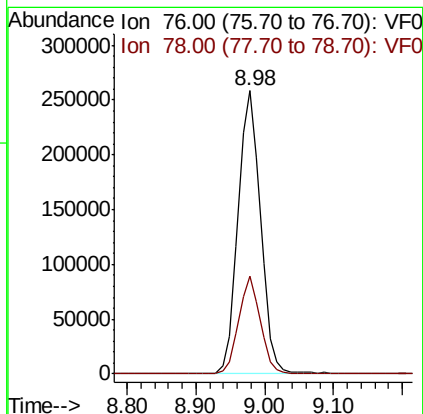
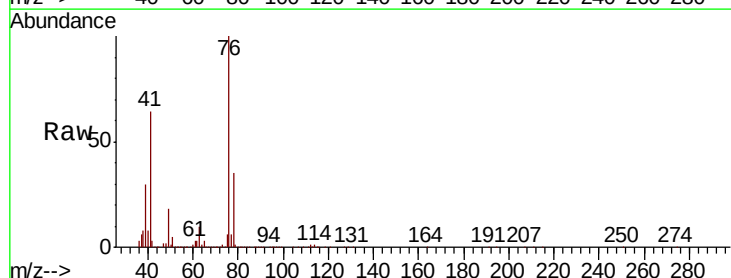
RT: 8.98 min Scan# 847

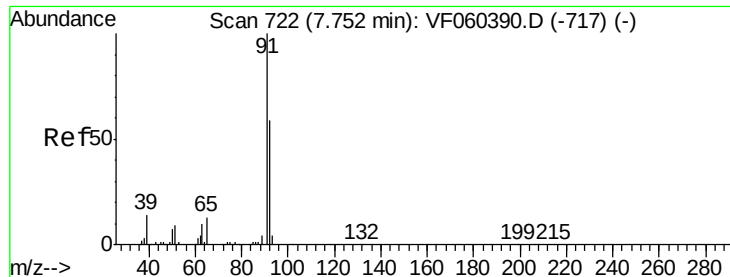
Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 76    | Resp: | 587589 |
| Ion Ratio | Lower | Upper |        |
| 76        | 100   |       |        |
| 78        | 34.6  | 25.3  | 37.9   |





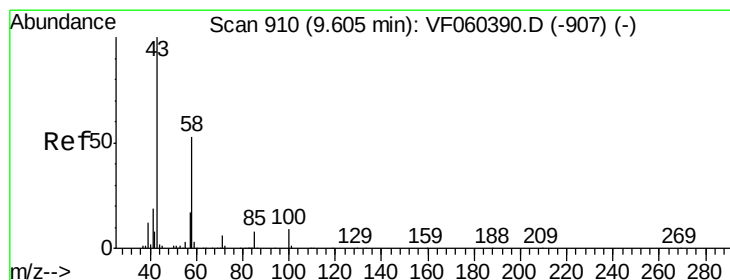
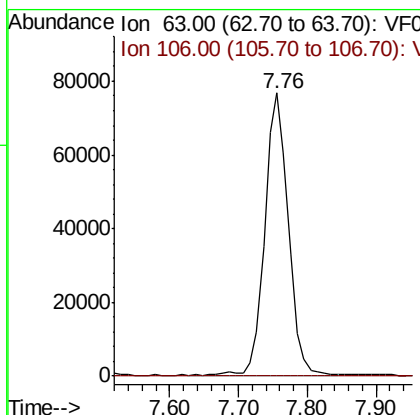
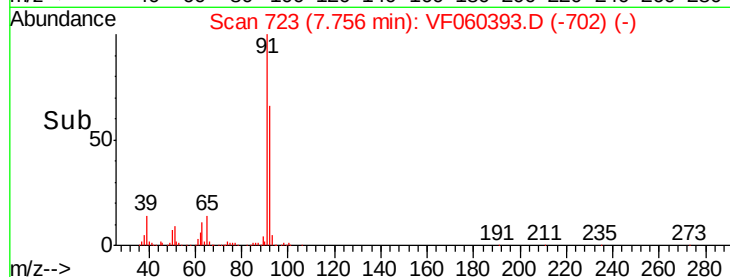
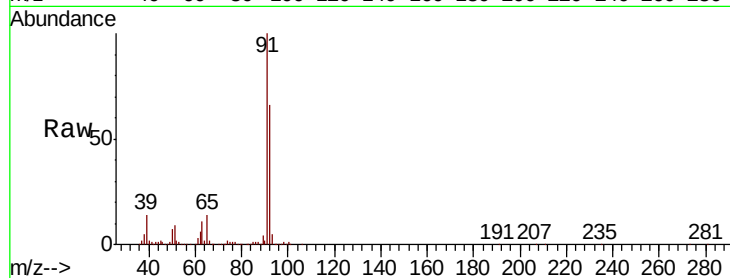
#58  
2-Chloroethyl Vinyl ether  
Concen: 635.902 ug/l  
RT: 7.76 min Scan# 723  
Delta R.T. 0.00 min  
Lab File: VF060393.D  
Acq: 1 Oct 2018 20:05

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

Tot Ion: 63 Resp: 182998  
Ion Ratio Lower Upper  
63 100  
106 0.1 0.0 0.0#

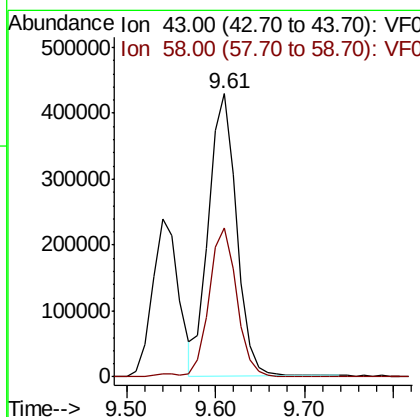
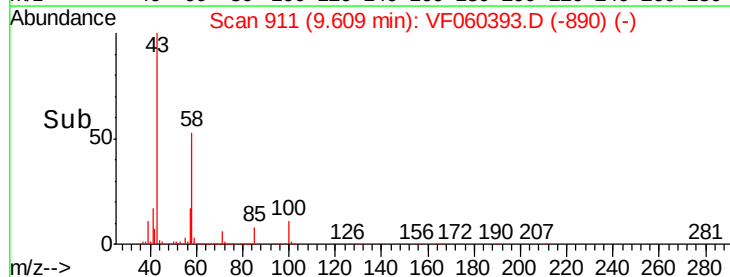
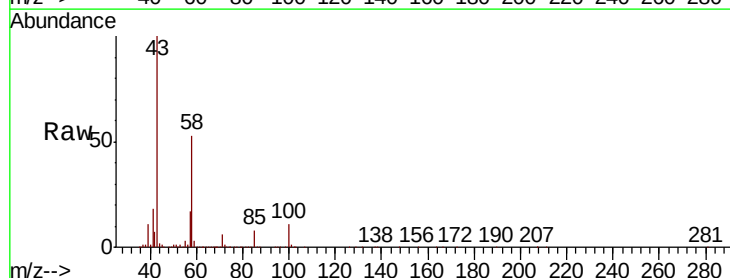
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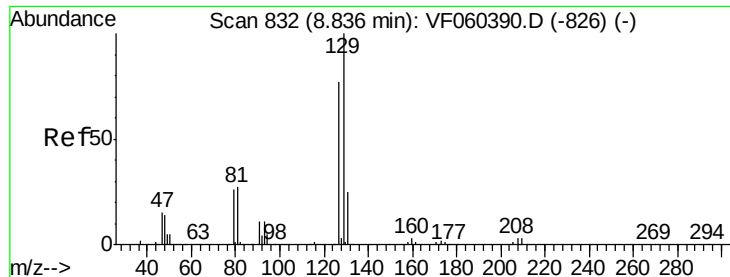
apatel  
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#59  
2-Hexanone  
Concen: 573.057 ug/l  
RT: 9.61 min Scan# 911  
Delta R.T. 0.00 min  
Lab File: VF060393.D  
Acq: 1 Oct 2018 20:05

Tgt Ion: 43 Resp: 934011  
Ion Ratio Lower Upper  
43 100  
58 52.6 25.6 76.6





#60

Dibromochloromethane

Concen: 137.588 ug/l

RT: 8.84 min Scan# 833

Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

Tot Ion:129 Resp: 544513

Ion Ratio Lower Upper

129 100

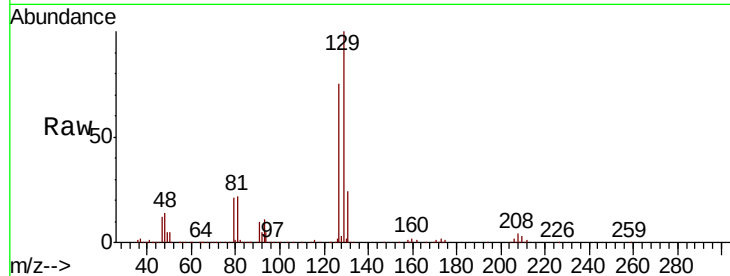
127 74.5 38.3 114.8

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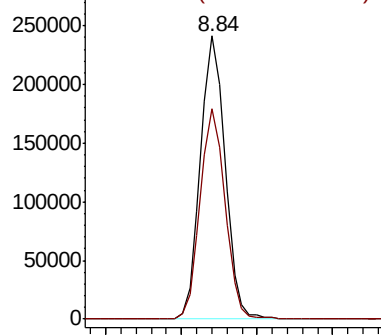
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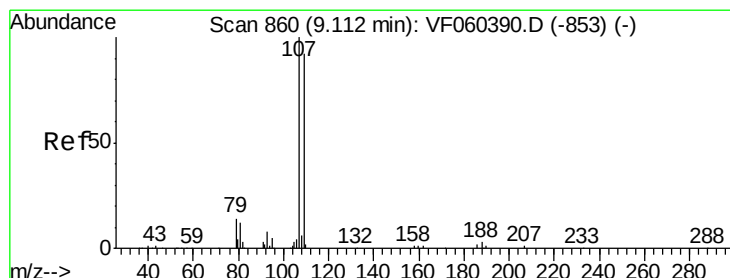
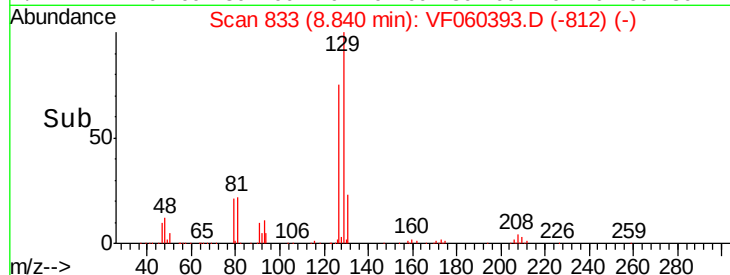


Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



Time-->



#61

1,2-Dibromoethane

Concen: 135.639 ug/l

RT: 9.12 min Scan# 861

Delta R.T. 0.00 min

Lab File: VF060393.D

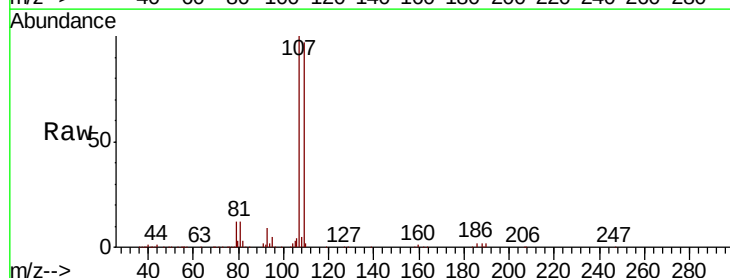
Acq: 1 Oct 2018 20:05

Tgt Ion:107 Resp: 401081

Ion Ratio Lower Upper

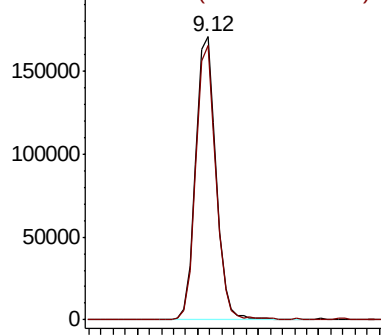
107 100

109 97.1 73.7 110.5

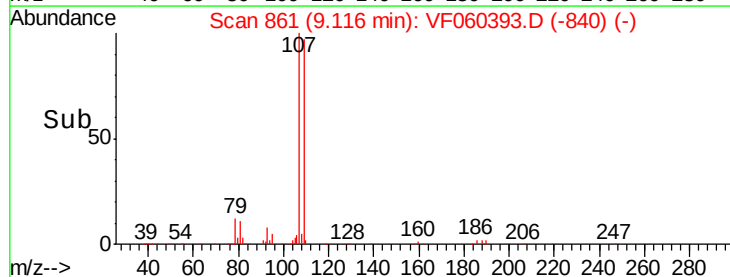


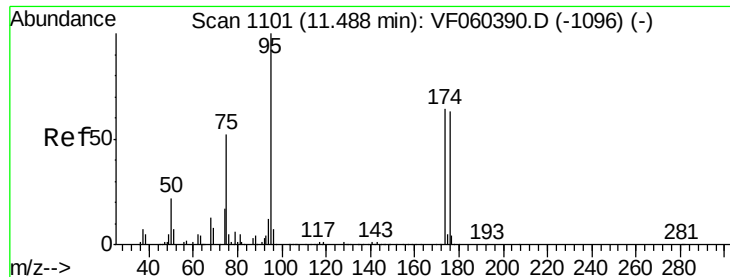
Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



Time-->





#62

4-Bromofluorobenzene

Concen: 132.458 ug/l

RT: 11.49 min Scan# 1102

Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

Instrument :

MSVOA\_F

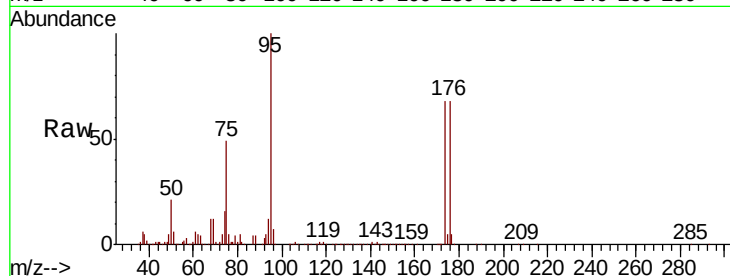
ClientSampleId :

VSTDIC150

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 95    | Resp: | 660599 |
| Ion Ratio | Lower | Upper |        |
| 95        | 100   |       |        |
| 174       | 68.3  | 0.0   | 129.0  |
| 176       | 67.7  | 0.0   | 125.6  |

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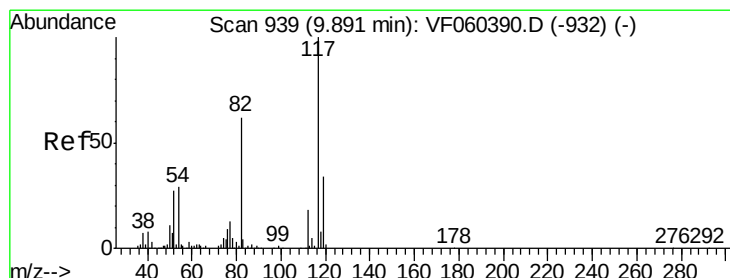
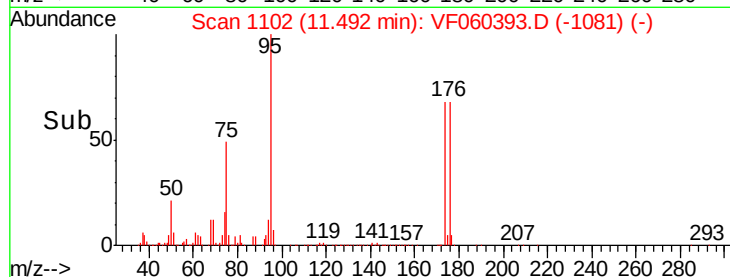
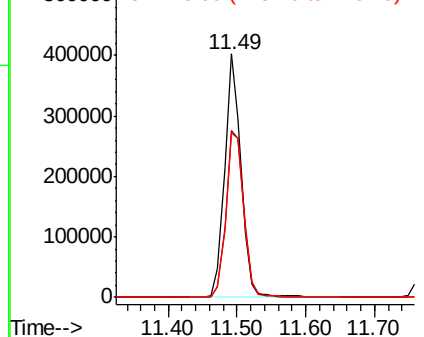


Abundance

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

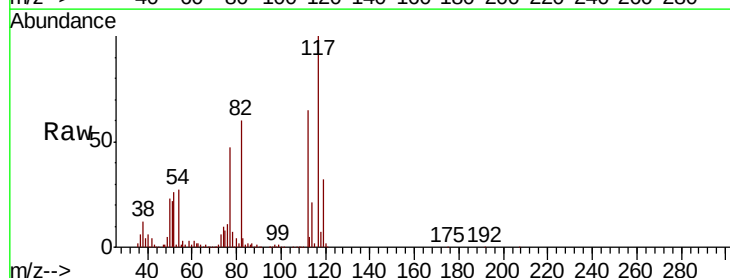
RT: 9.89 min Scan# 940

Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 425857 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 82        | 59.8  | 49.5  | 74.3   |
| 119       | 32.1  | 27.0  | 40.6   |

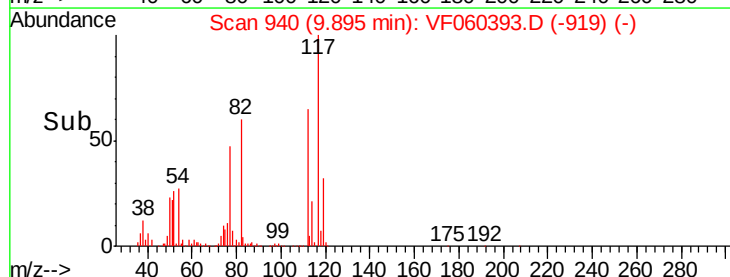
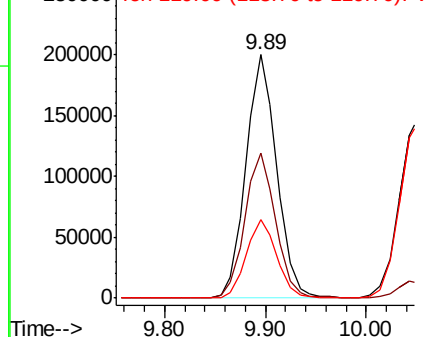


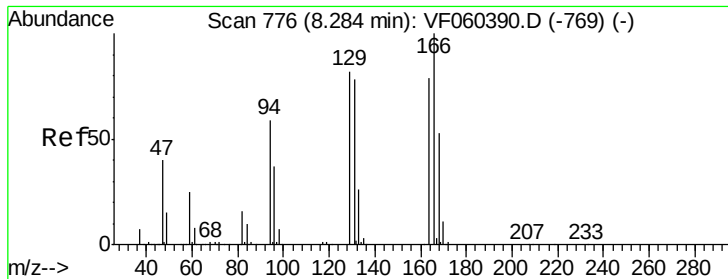
Abundance

Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 119.00 (118.70 to 119.70): V





#64

Tetrachloroethene

Concen: 118.953 ug/l

RT: 8.28 min Scan# 776

Delta R.T. -0.01 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

Tot Ion:164 Resp: 452224

Ion Ratio Lower Upper

164 100

166 137.7 101.0 151.6

129 101.8 82.5 123.7

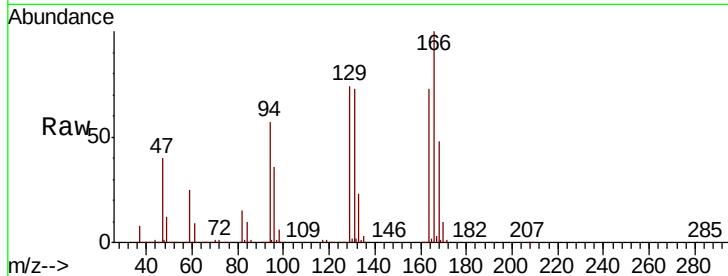
131 100.8 79.2 118.8

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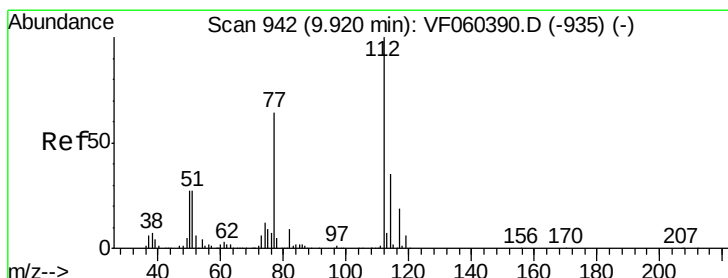
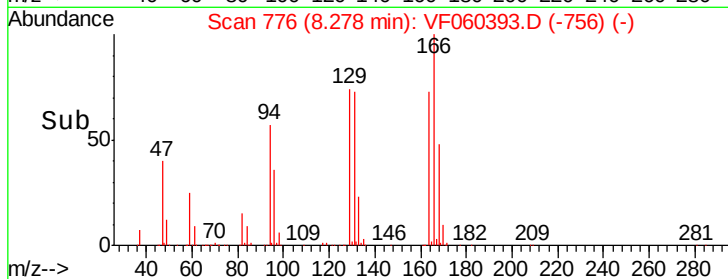
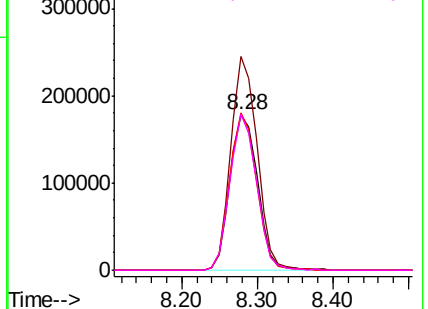


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.90 (128.60 to 129.60): V

Ion 130.90 (130.60 to 131.60): V



#65

Chlorobenzene

Concen: 126.896 ug/l

RT: 9.91 min Scan# 942

Delta R.T. -0.01 min

Lab File: VF060393.D

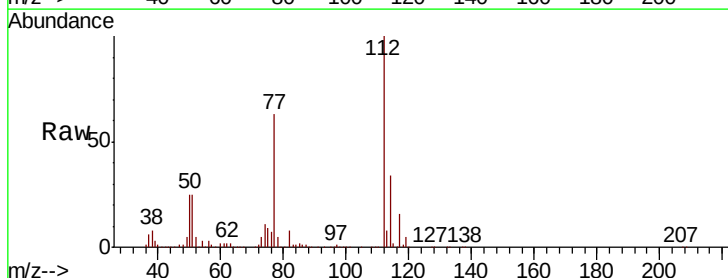
Acq: 1 Oct 2018 20:05

Tgt Ion:112 Resp: 1211086

Ion Ratio Lower Upper

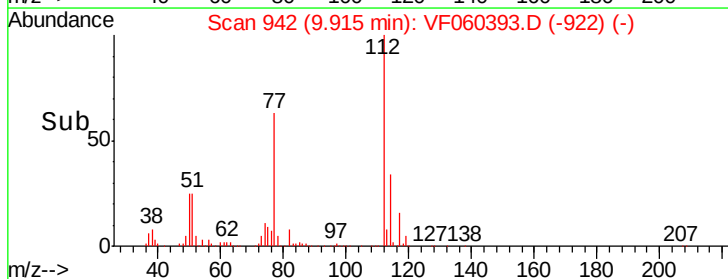
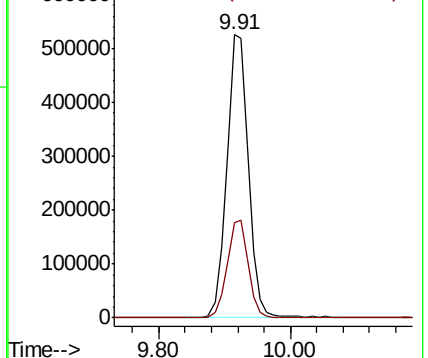
112 100

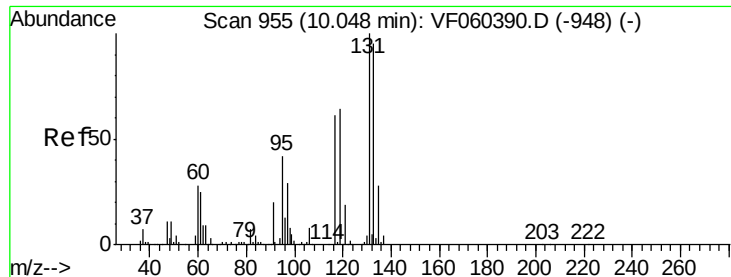
114 33.6 27.7 41.5



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V





#66

1,1,1,2-Tetrachloroethane

Concen: 127.754 ug/l

RT: 10.05 min Scan# 956

Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

Instrument :

MSVOA\_F

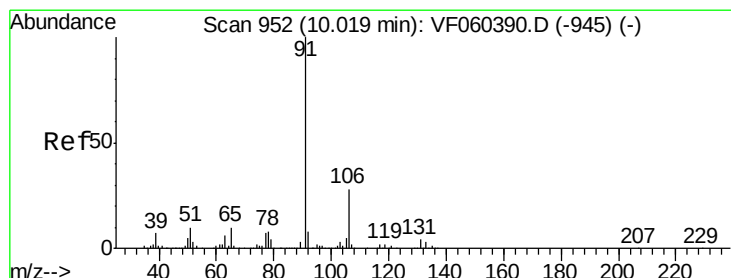
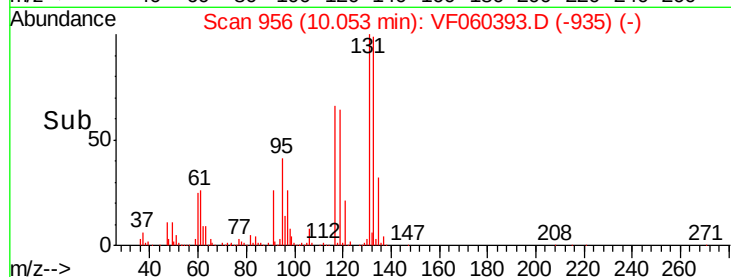
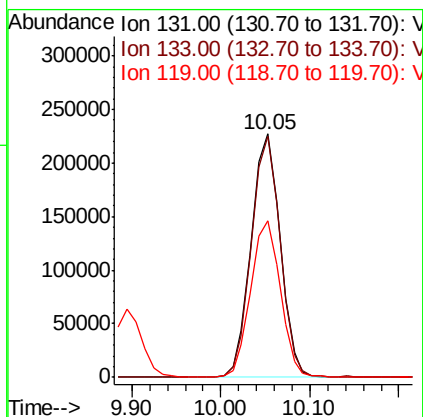
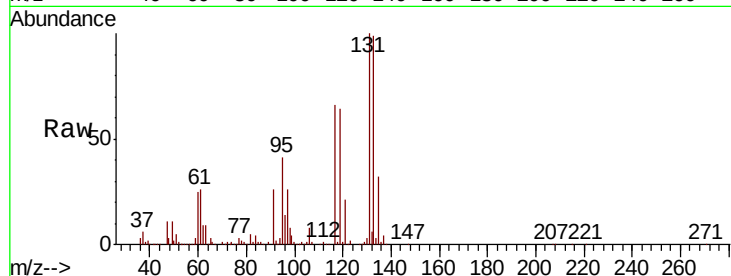
ClientSampleId :

VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 98.8  | 47.3  | 141.8 |
| 119     | 64.5  | 32.3  | 96.9  |

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#67

Ethyl Benzene

Concen: 119.581 ug/l

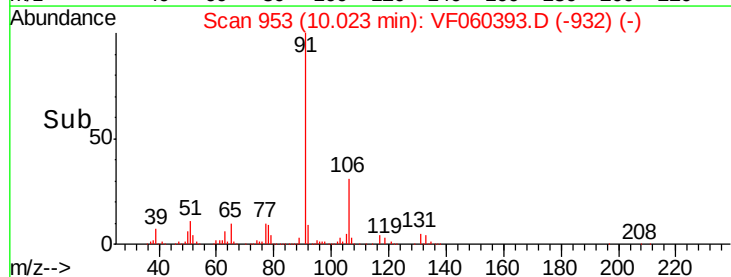
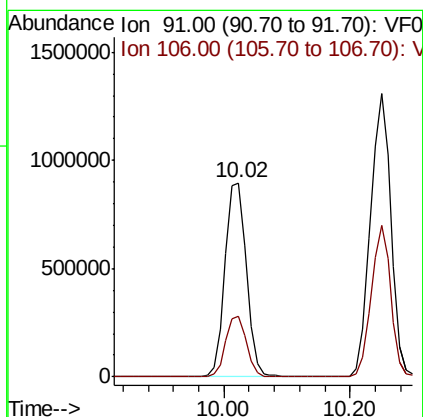
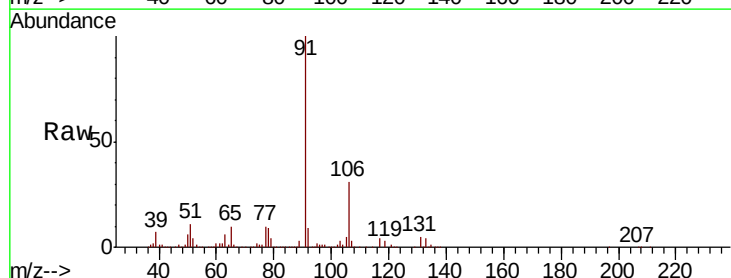
RT: 10.02 min Scan# 953

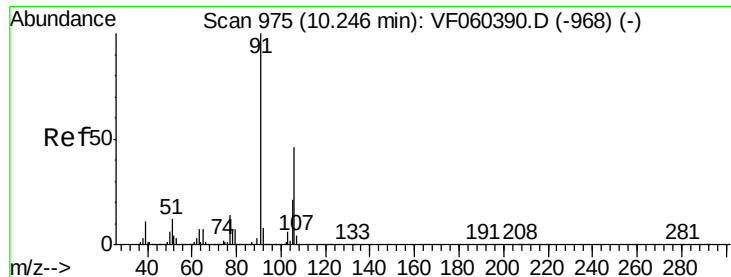
Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 31.1  | 22.5  | 33.7  |





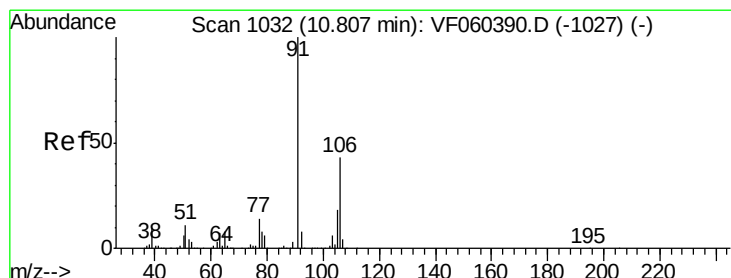
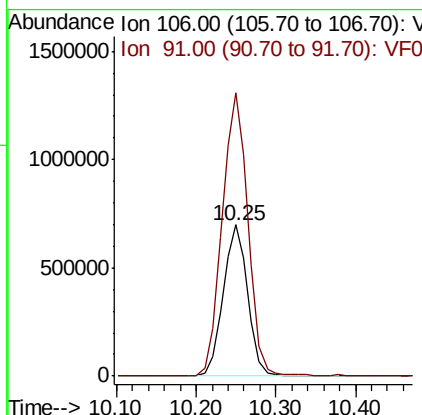
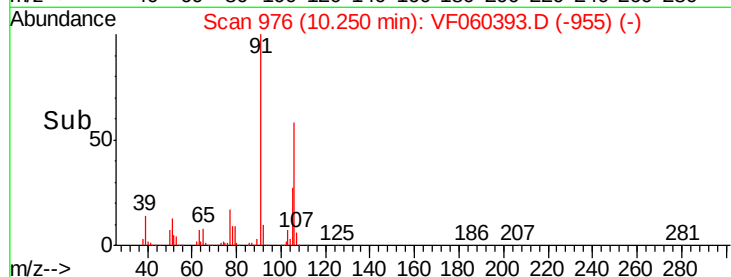
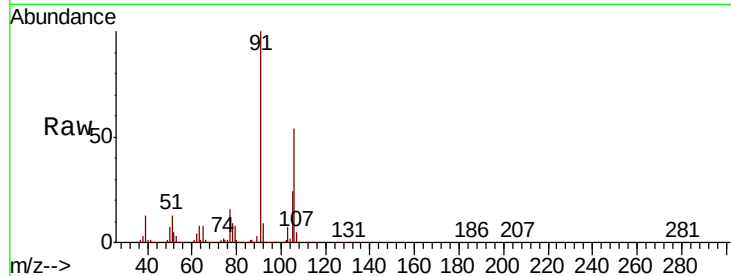
#68  
m/p-Xylenes  
Concen: 246.720 ug/l  
RT: 10.25 min Scan# 976  
Delta R.T. 0.00 min  
Lab File: VF060393.D  
Acq: 1 Oct 2018 20:05

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

Tot Ion:106 Resp: 1509590  
Ion Ratio Lower Upper  
106 100  
91 186.8 175.0 262.6

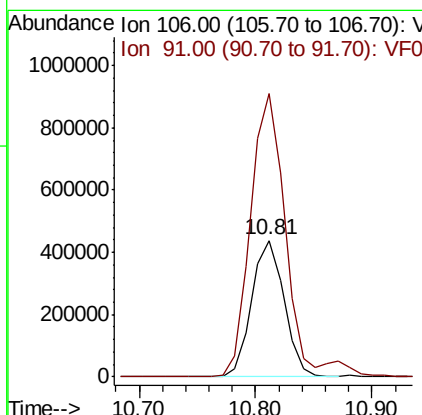
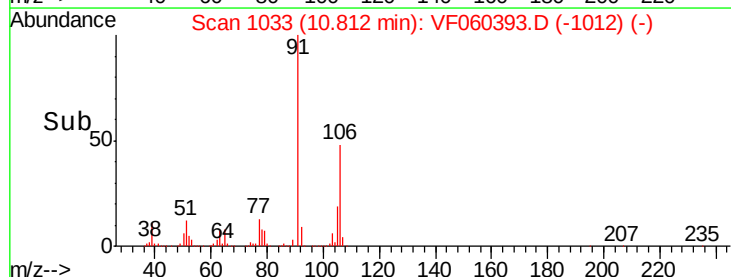
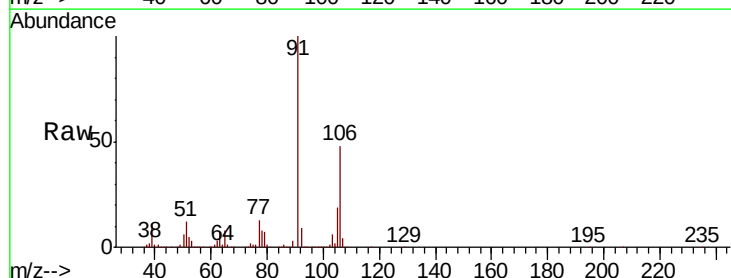
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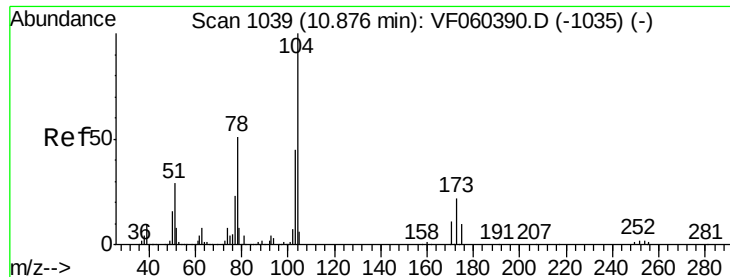
apatel  
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#69  
o-Xylene  
Concen: 123.890 ug/l  
RT: 10.81 min Scan# 1033  
Delta R.T. 0.00 min  
Lab File: VF060393.D  
Acq: 1 Oct 2018 20:05

Tgt Ion:106 Resp: 848359  
Ion Ratio Lower Upper  
106 100  
91 207.0 115.1 345.2





#70

Stvrene

Concen: 124.300 ug/l

RT: 10.88 min Scan# 1040

Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

Tot Ion:104 Resp: 1197163

Ion Ratio Lower Upper

104 100

78 51.4 41.0 61.4

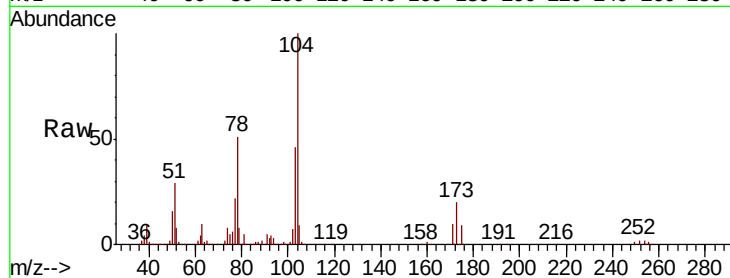
103 46.0 36.4 54.6

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Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VF0

Ion 103.00 (102.70 to 103.70): V

800000

600000

400000

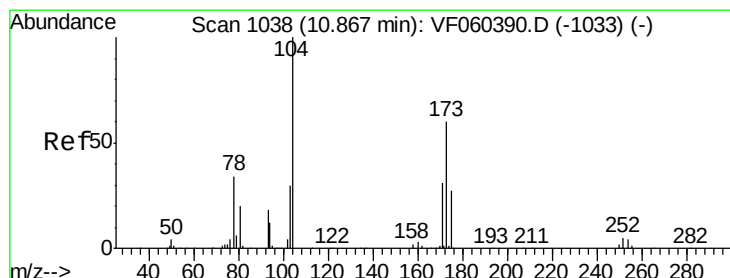
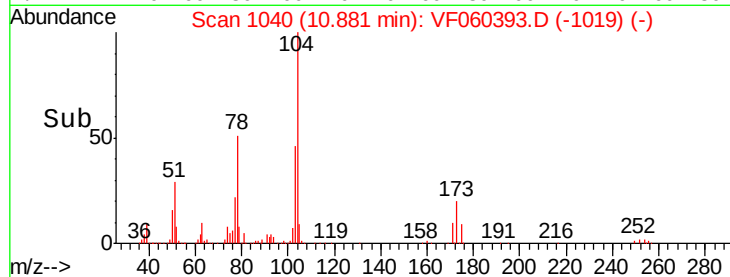
200000

0

10.88

10.80 10.90 11.00

Time-->



#71

Bromoform

Concen: 138.238 ug/l

RT: 10.87 min Scan# 1039

Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

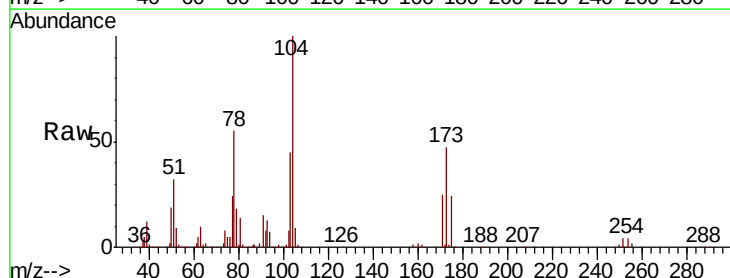
Tgt Ion:173 Resp: 302983

Ion Ratio Lower Upper

173 100

175 50.5 22.1 66.1

254 0.0 0.0 0.0



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V

200000

150000

100000

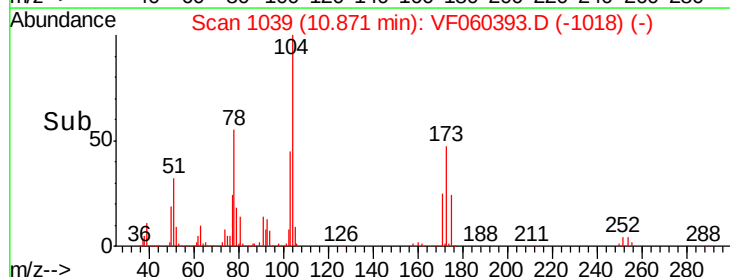
50000

0

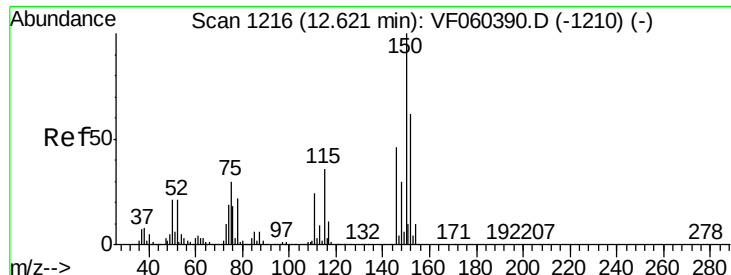
10.87

10.80 10.90 11.00

Time-->







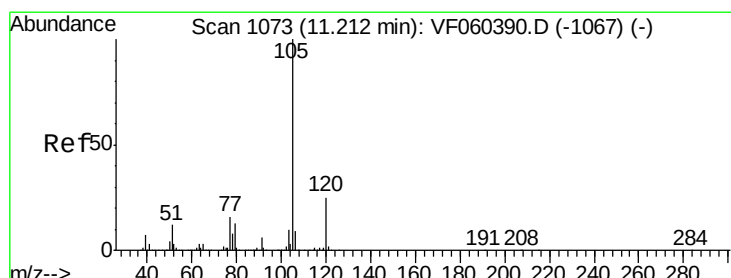
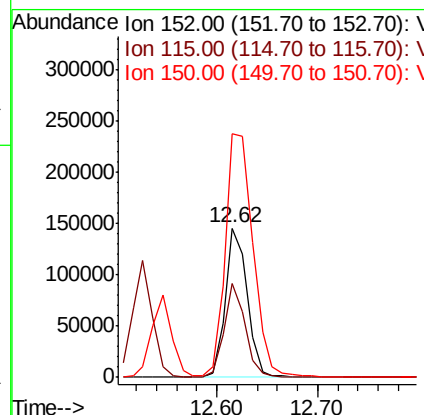
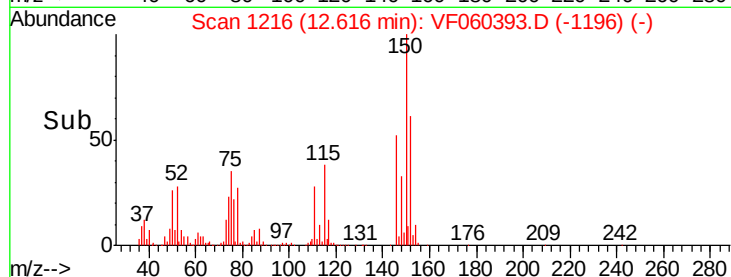
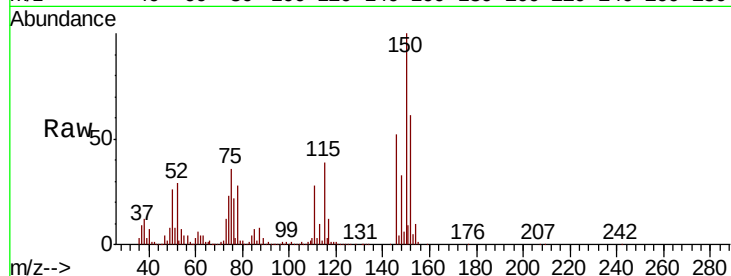
#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.62 min Scan# 1216  
 Delta R.T. -0.01 min  
 Lab File: VF060393.D  
 Acq: 1 Oct 2018 20:05

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 62.8  | 28.6  | 85.8  |
| 150     | 163.1 | 0.0   | 324.6 |

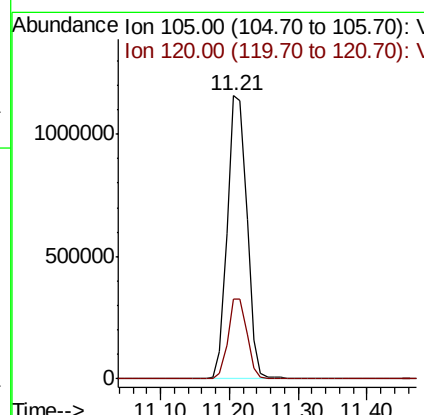
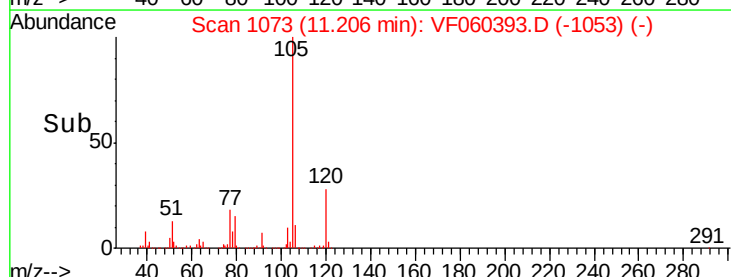
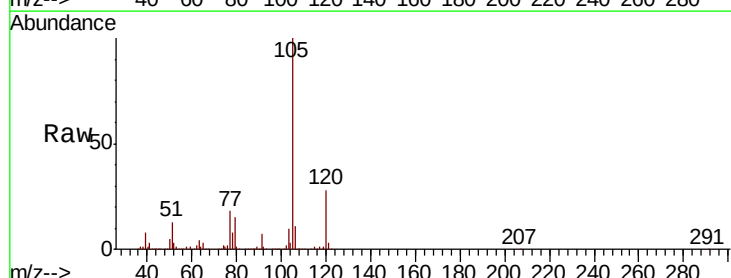
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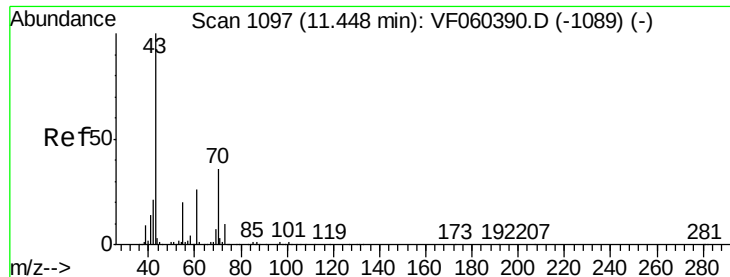
apatel  
 10/2/2018 12:29:46 PM



#73  
 Isopropylbenzene  
 Concen: 117.402 ug/l  
 RT: 11.21 min Scan# 1073  
 Delta R.T. -0.01 min  
 Lab File: VF060393.D  
 Acq: 1 Oct 2018 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 28.1  | 12.3  | 36.9  |





#74

N-amvl acetate

Concen: 143.461 ug/l

RT: 11.44 min Scan# 1097

Delta R.T. -0.01 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

Instrument :

MSVOA\_F

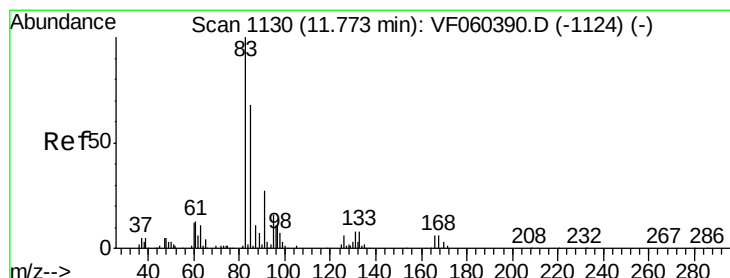
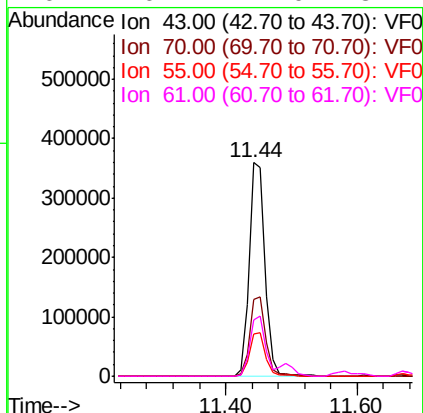
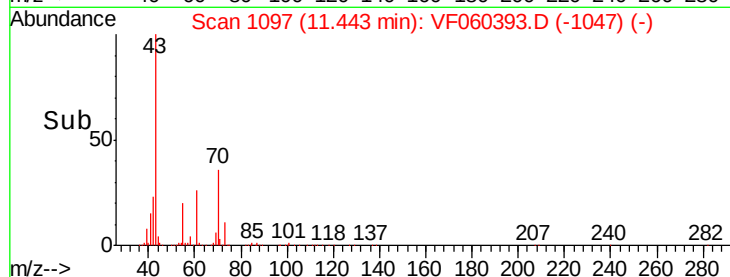
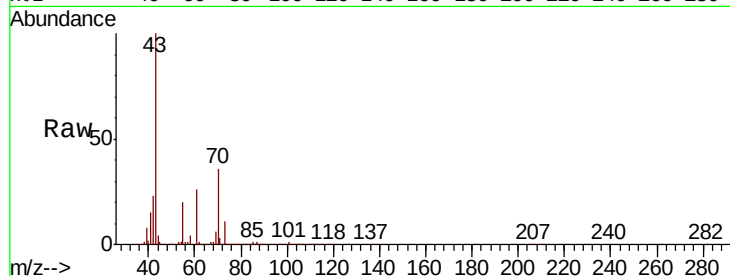
ClientSampleId :

VSTDIC150

| Tot Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 43      | 100  |       |       |       |
| 70      | 36.0 | 29.1  | 43.7  |       |
| 55      | 19.9 | 16.3  | 24.5  |       |
| 61      | 26.2 | 21.0  | 31.4  |       |

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#75

1,1,2,2-Tetrachloroethane

Concen: 128.563 ug/l

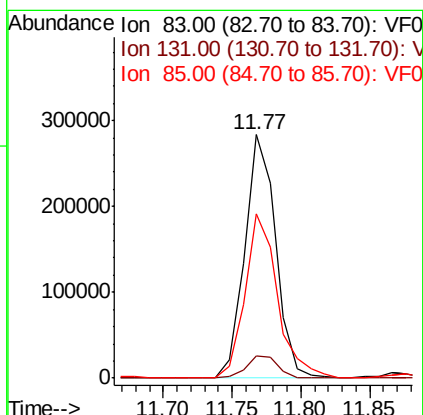
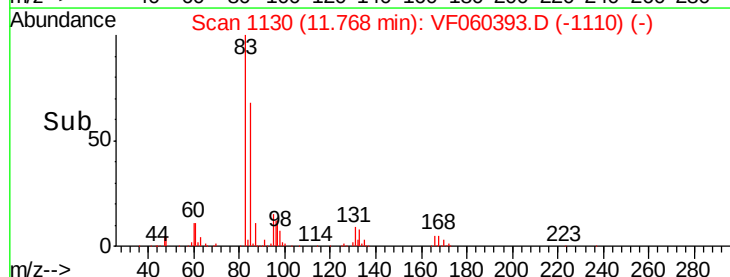
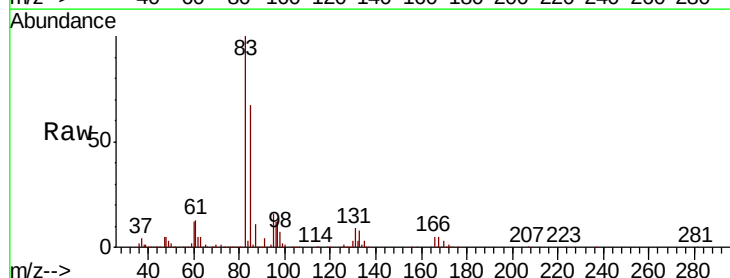
RT: 11.77 min Scan# 1130

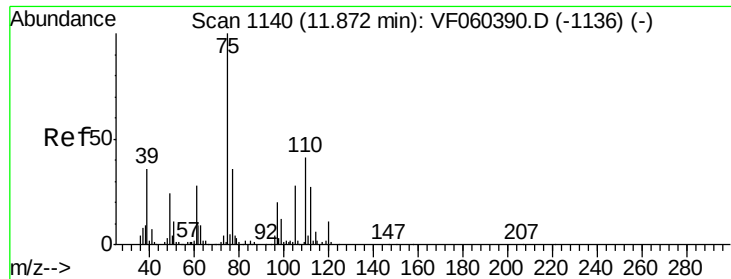
Delta R.T. -0.01 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

| Tgt Ion | Ion  | Ratio | Lower | Upper |
|---------|------|-------|-------|-------|
| 83      | 100  |       |       |       |
| 131     | 9.0  | 4.0   | 12.0  |       |
| 85      | 67.4 | 34.0  | 102.0 |       |





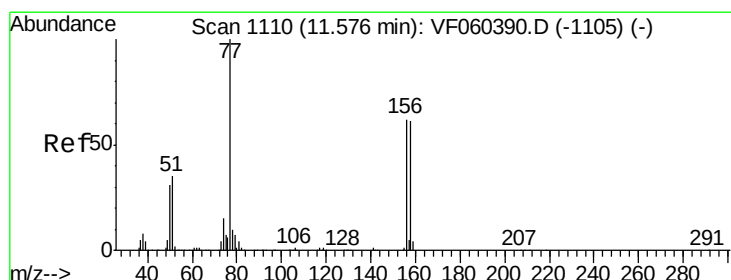
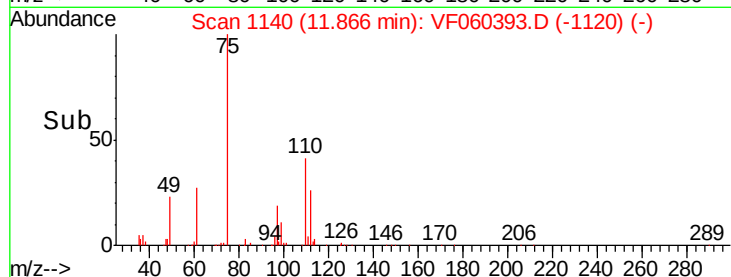
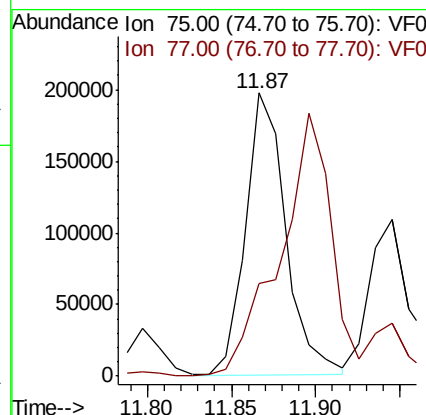
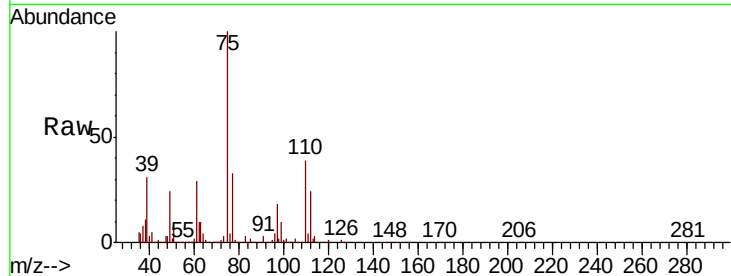
#76  
 1,2,3-Trichloropropane  
 Concen: 130.896 ug/l  
 RT: 11.87 min Scan# 1140  
 Delta R.T. -0.01 min  
 Lab File: VF060393.D  
 Acq: 1 Oct 2018 20:05

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 77      | 32.7  | 18.1  | 54.4  |

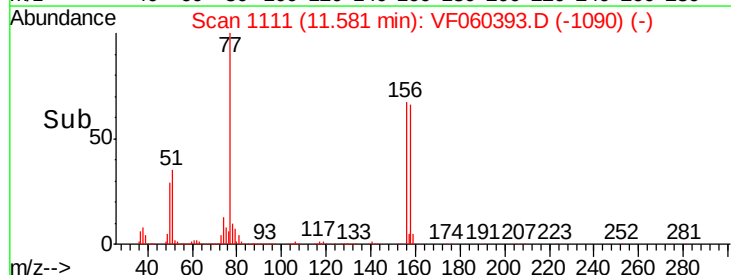
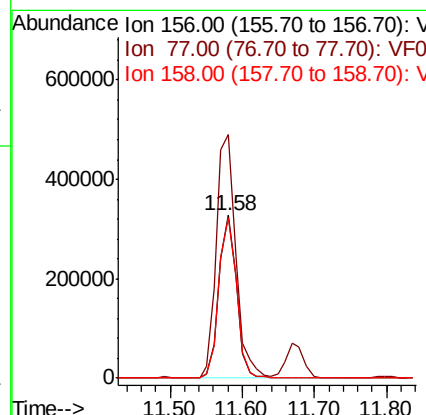
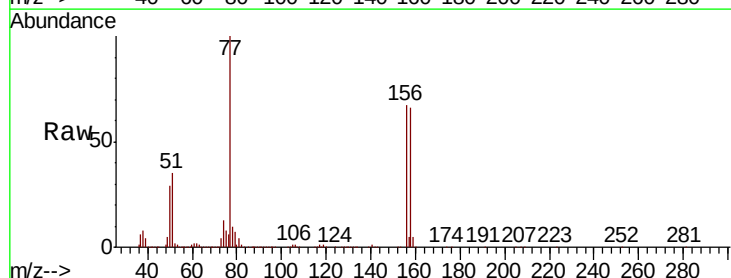
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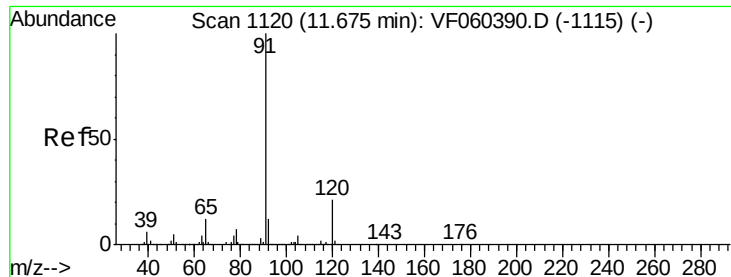
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#77  
 Bromobenzene  
 Concen: 129.296 ug/l  
 RT: 11.58 min Scan# 1111  
 Delta R.T. 0.00 min  
 Lab File: VF060393.D  
 Acq: 1 Oct 2018 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 149.5 | 81.3  | 243.9 |
| 158     | 98.1  | 49.6  | 149.0 |





#78

n-propylbenzene

Concen: 109.742 ug/l

RT: 11.67 min Scan# 1120

Delta R.T. -0.01 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2547027

Ion Ratio Lower Upper

91 100

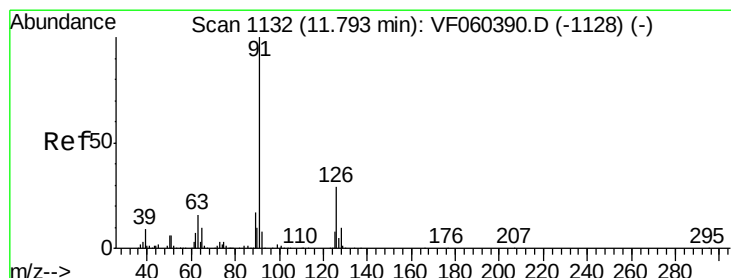
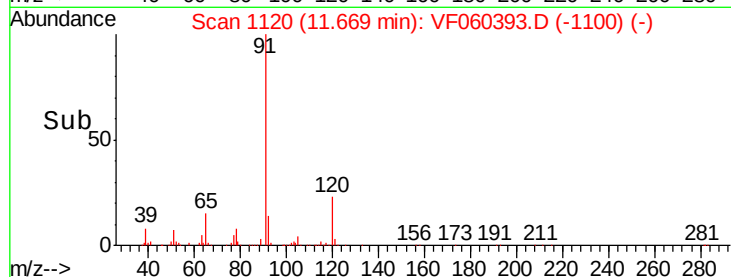
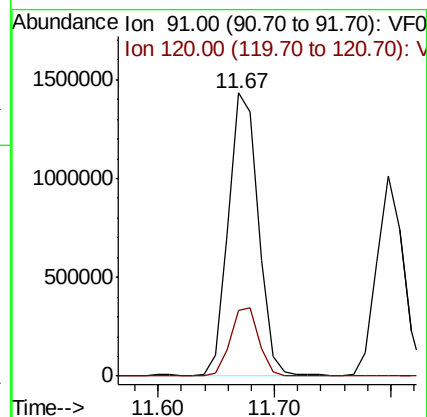
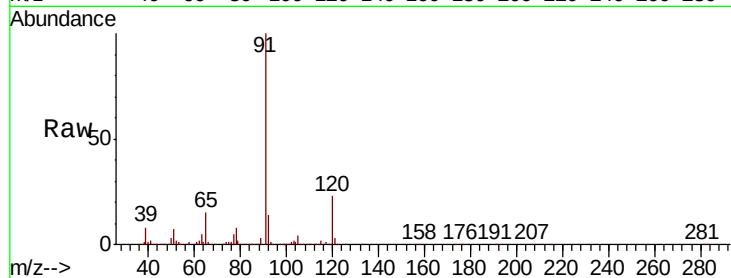
120 23.2 10.5 31.6

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#79

2-Chlorotoluene

Concen: 119.552 ug/l

RT: 11.80 min Scan# 1133

Delta R.T. 0.00 min

Lab File: VF060393.D

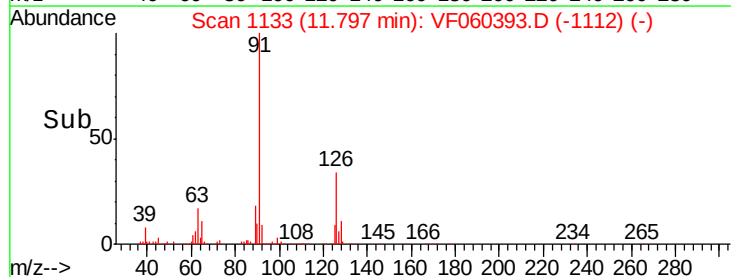
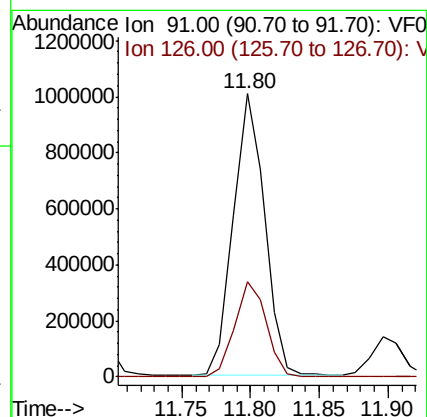
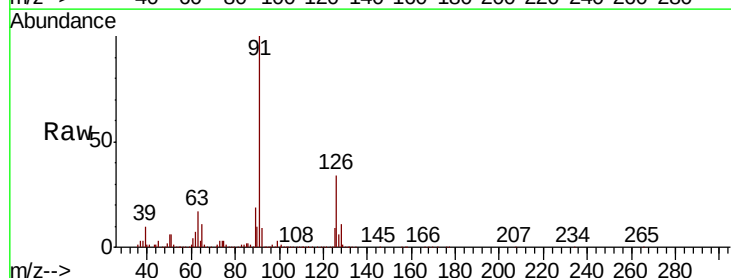
Acq: 1 Oct 2018 20:05

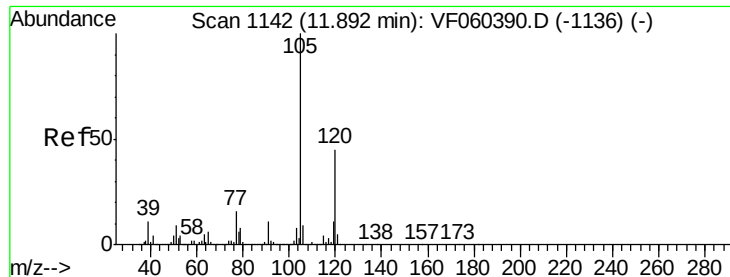
Tgt Ion: 91 Resp: 1600137

Ion Ratio Lower Upper

91 100

126 33.6 14.4 43.4





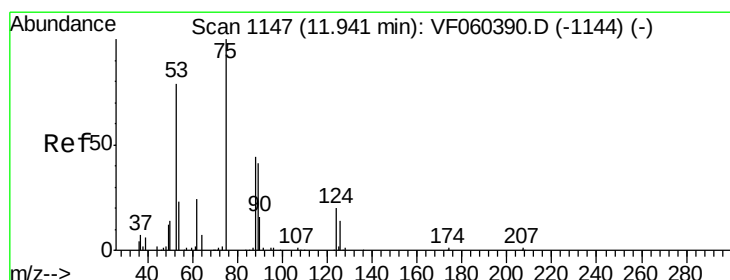
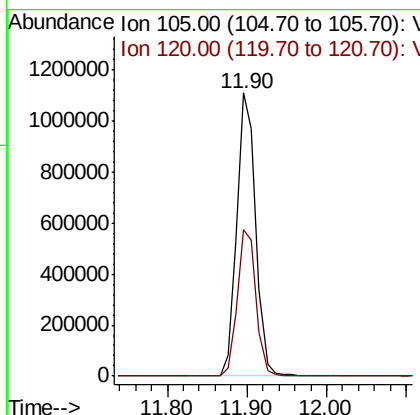
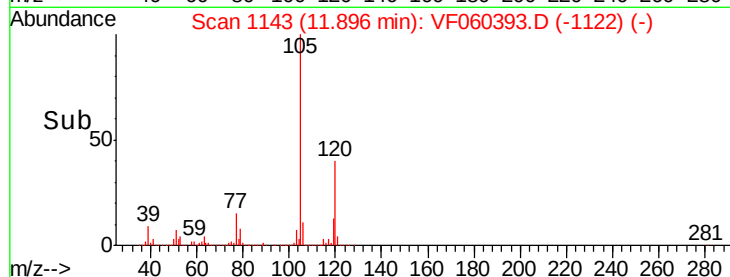
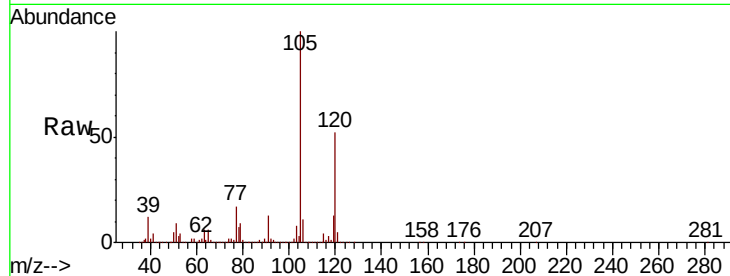
#80  
 1,3,5-Trimethylbenzene  
 Concen: 116.316 ug/l  
 RT: 11.90 min Scan# 1143  
 Delta R.T. 0.00 min  
 Lab File: VF060393.D  
 Acq: 1 Oct 2018 20:05

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC150

Tot Ion:105 Resp: 1838635  
 Ion Ratio Lower Upper  
 105 100  
 120 51.7 22.3 66.9

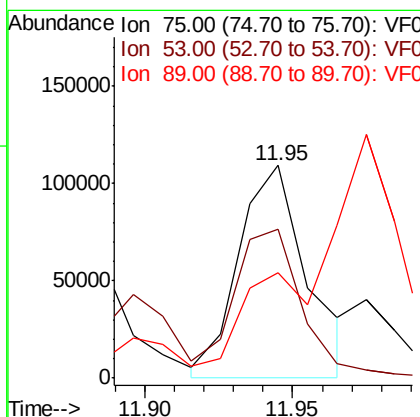
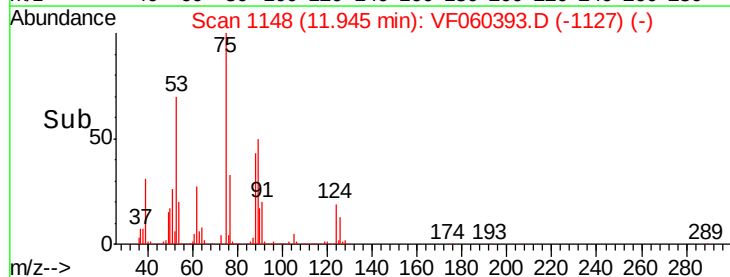
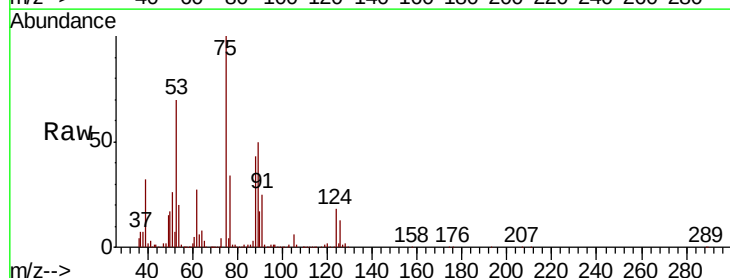
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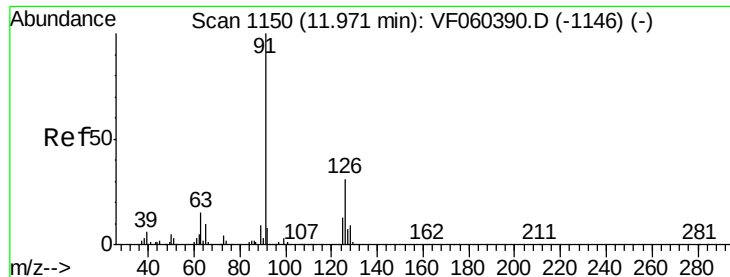
apatel  
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#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 135.377 ug/l m  
 RT: 11.95 min Scan# 1148  
 Delta R.T. 0.00 min  
 Lab File: VF060393.D  
 Acq: 1 Oct 2018 20:05

Tgt Ion: 75 Resp: 177302  
 Ion Ratio Lower Upper  
 75 100  
 53 70.0 67.8 101.8  
 89 49.6 36.7 55.1





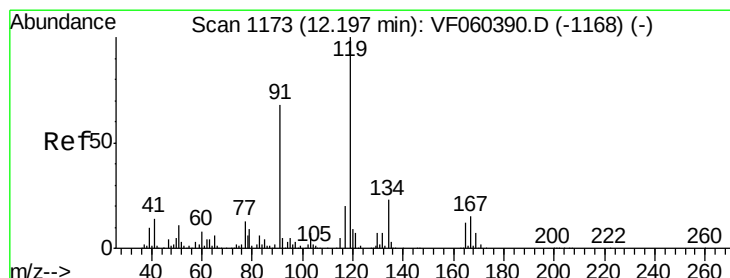
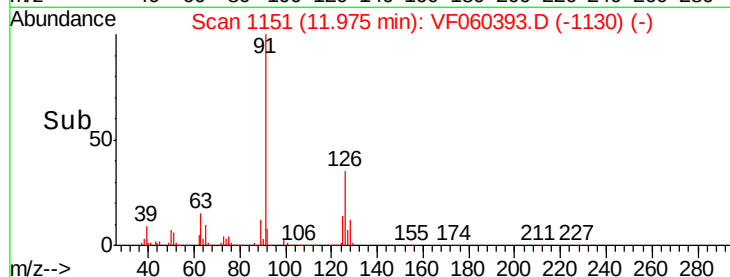
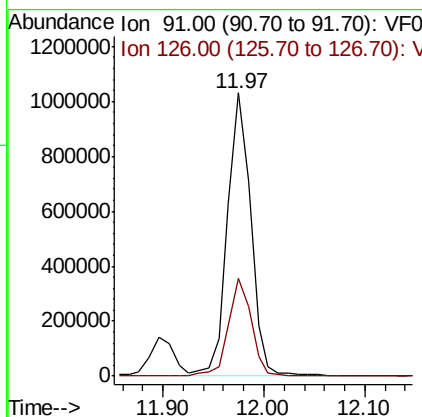
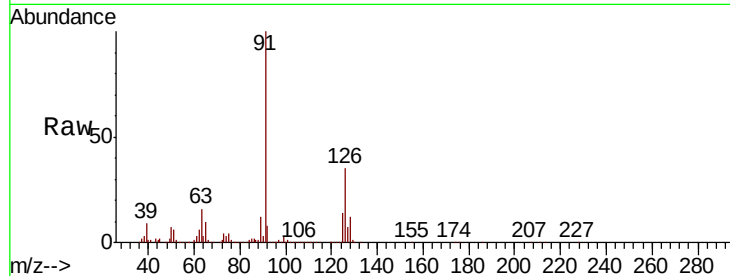
#82  
4-Chlorotoluene  
Concen: 122.250 ug/l  
RT: 11.97 min Scan# 1151  
Delta R.T. 0.00 min  
Lab File: VF060393.D  
Acq: 1 Oct 2018 20:05

Instrument :  
MSVOA\_F  
ClientSampled :  
VSTDIC150

Tot Ion: 91 Resp: 1636824  
Ion Ratio Lower Upper  
91 100  
126 34.6 15.7 47.0

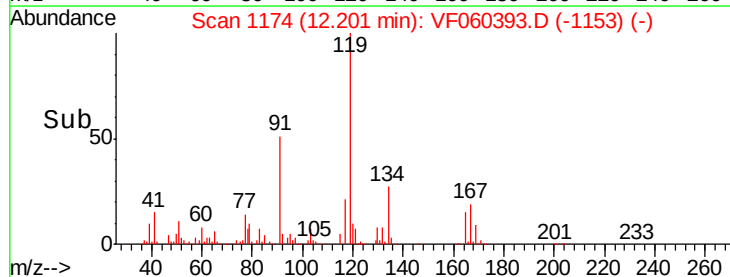
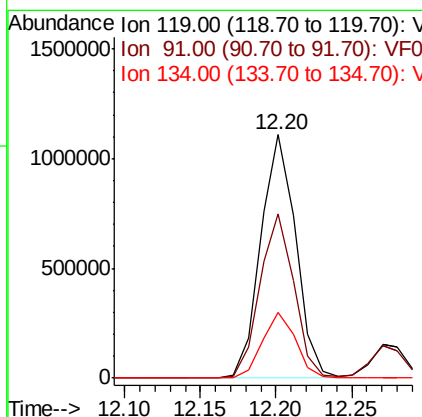
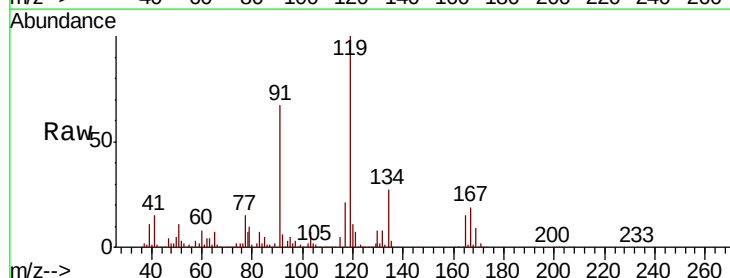
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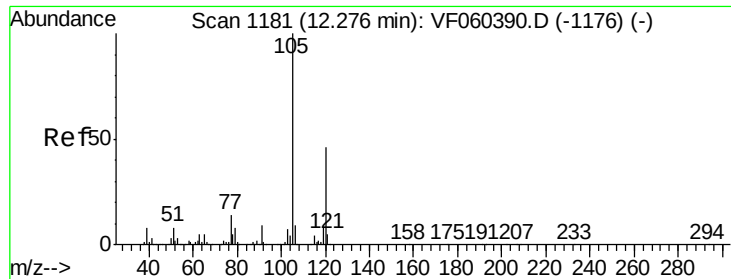
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#83  
tert-Butylbenzene  
Concen: 112.034 ug/l  
RT: 12.20 min Scan# 1174  
Delta R.T. 0.00 min  
Lab File: VF060393.D  
Acq: 1 Oct 2018 20:05

Tgt Ion: 119 Resp: 1800452  
Ion Ratio Lower Upper  
119 100  
91 67.4 34.0 102.0  
134 26.8 11.7 35.0





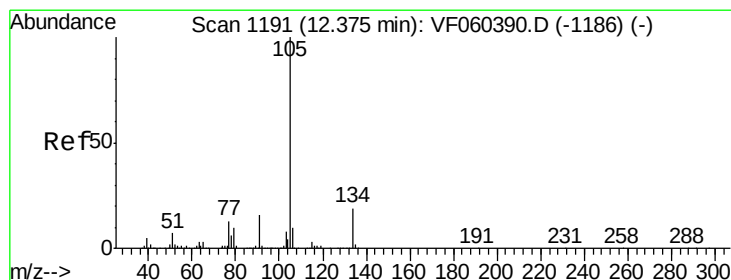
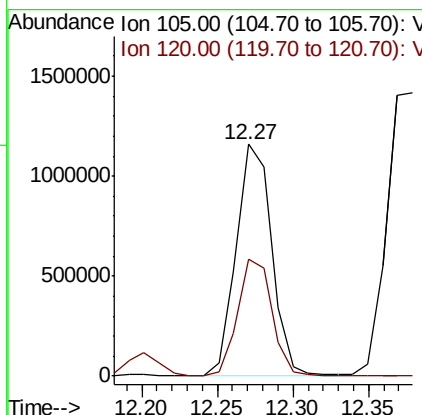
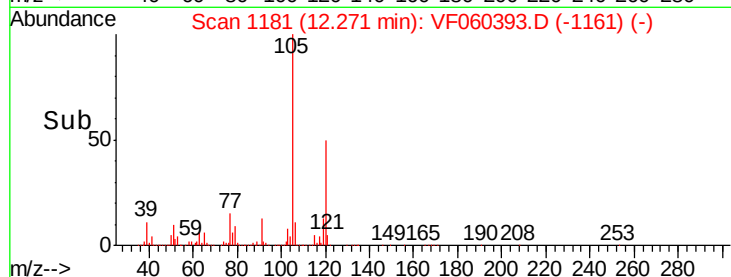
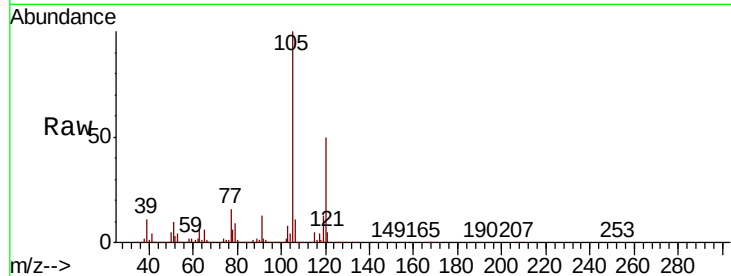
#84  
 1,2,4-Trimethylbenzene  
 Concen: 117.315 ug/l  
 RT: 12.27 min Scan# 1181  
 Delta R.T. -0.01 min  
 Lab File: VF060393.D  
 Acq: 1 Oct 2018 20:05

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC150

Tot Ion:105 Resp: 1893437  
 Ion Ratio Lower Upper  
 105 100  
 120 50.3 23.1 69.2

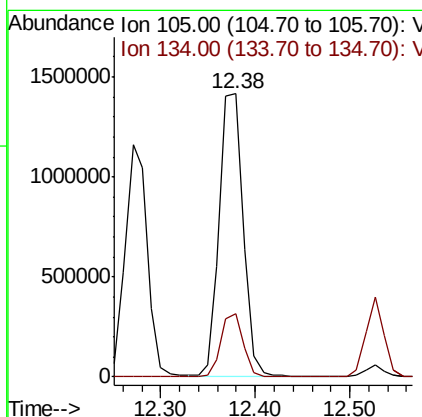
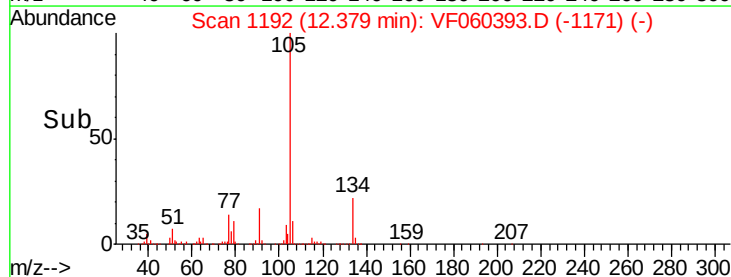
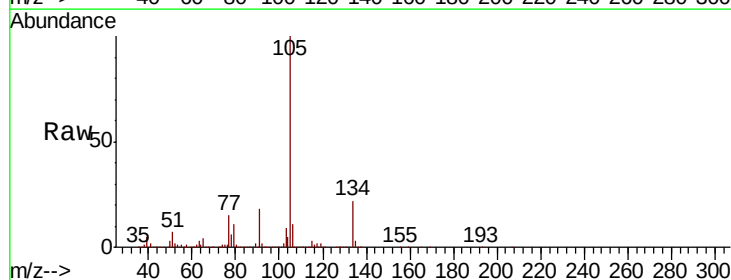
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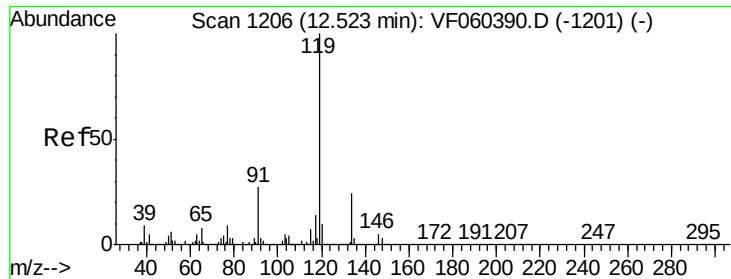
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 10/2/2018 12:29:46 PM



#85  
 sec-Butylbenzene  
 Concen: 112.395 ug/l  
 RT: 12.38 min Scan# 1192  
 Delta R.T. 0.00 min  
 Lab File: VF060393.D  
 Acq: 1 Oct 2018 20:05

Tgt Ion:105 Resp: 2487240  
 Ion Ratio Lower Upper  
 105 100  
 134 22.2 9.4 28.3





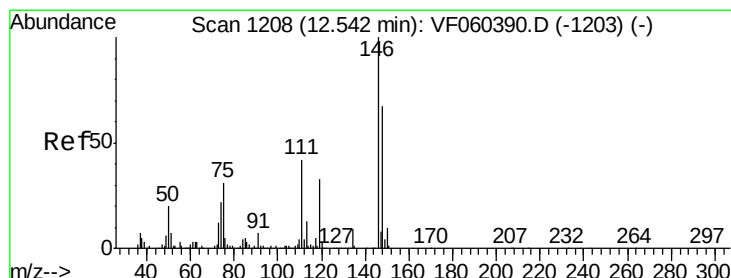
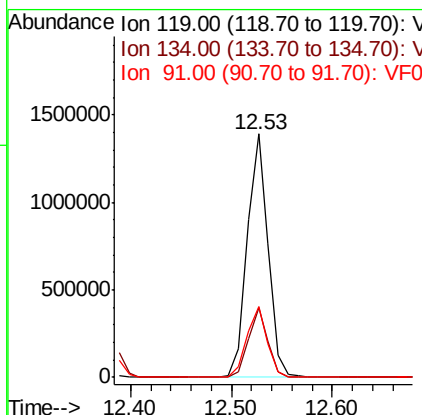
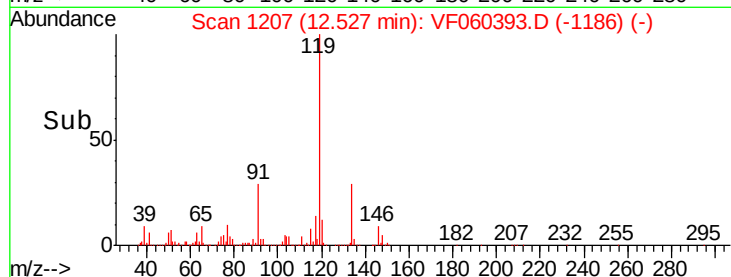
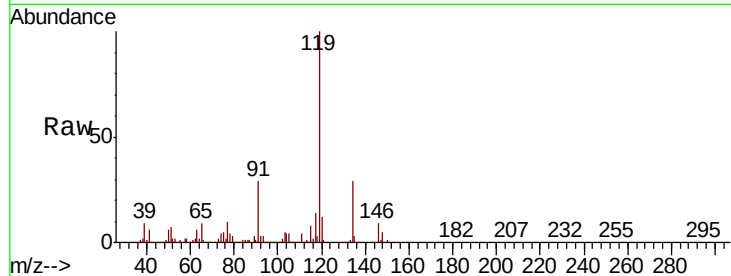
#86  
 p-Isopropyltoluene  
 Concen: 113.987 ug/l  
 RT: 12.53 min Scan# 1207  
 Delta R.T. 0.00 min  
 Lab File: VF060393.D  
 Acq: 1 Oct 2018 20:05

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 134     | 28.8  | 12.3  | 36.8  |
| 91      | 29.0  | 13.5  | 40.4  |

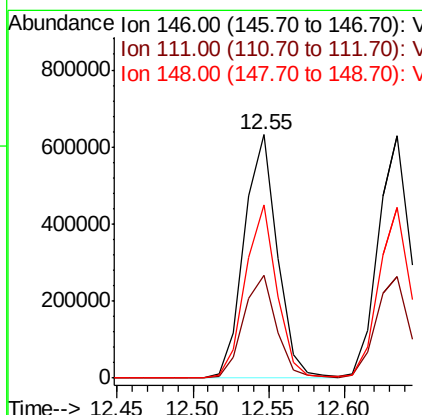
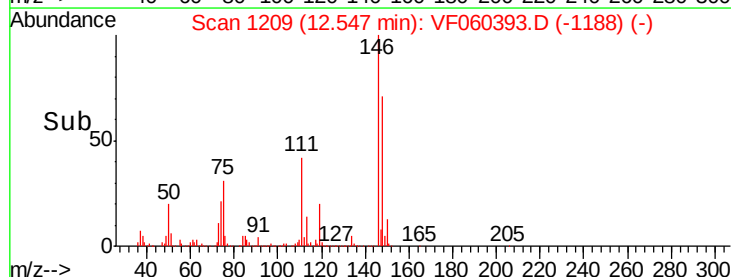
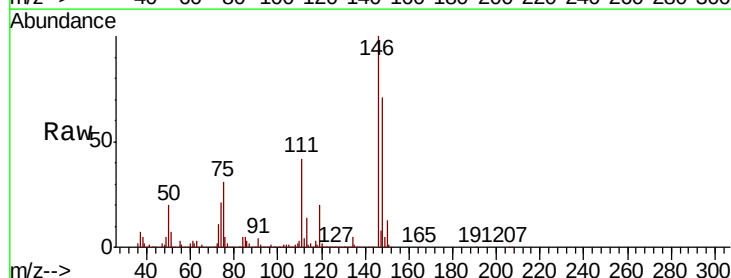
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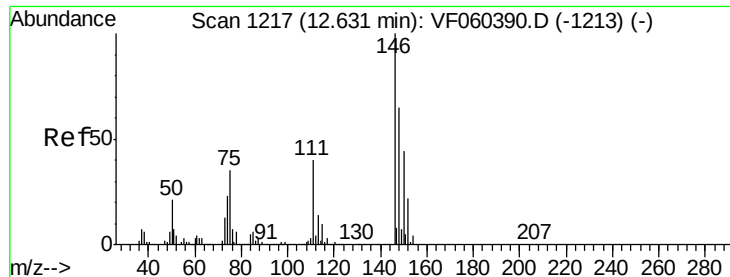


#87  
 1,3-Dichlorobenzene  
 Concen: 121.926 ug/l  
 RT: 12.55 min Scan# 1209  
 Delta R.T. 0.00 min  
 Lab File: VF060393.D  
 Acq: 1 Oct 2018 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.1  | 20.9  | 62.7  |
| 148     | 71.2  | 33.6  | 100.8 |







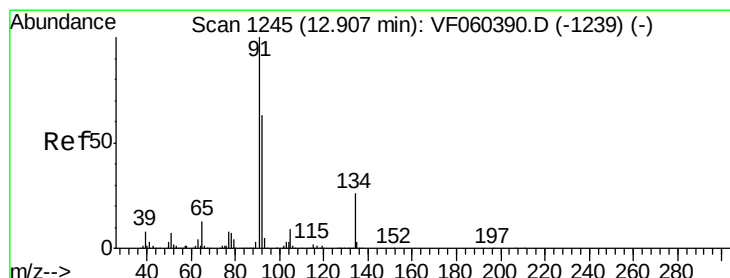
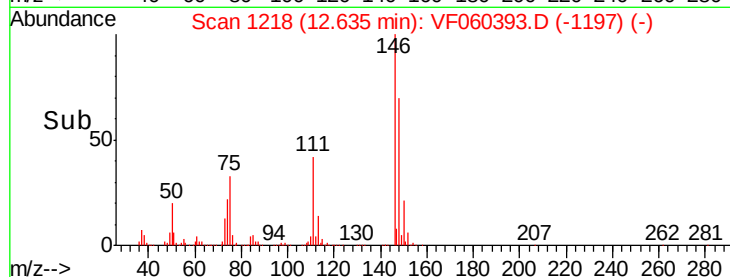
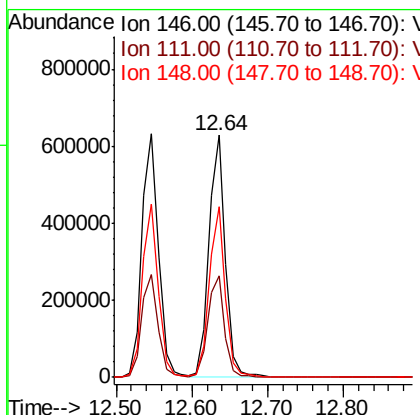
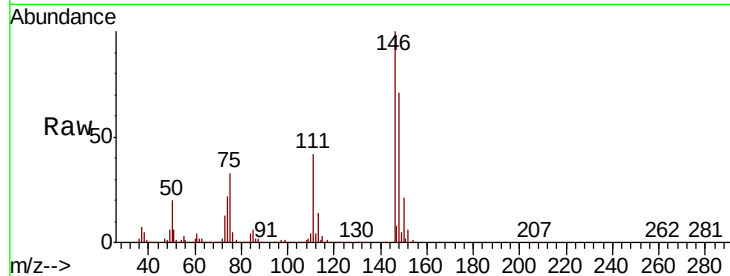
#88  
 1,4-Dichlorobenzene  
 Concen: 122.849 ug/l  
 RT: 12.64 min Scan# 1218  
 Delta R.T. 0.00 min  
 Lab File: VF060393.D  
 Acq: 1 Oct 2018 20:05

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.7  | 20.2  | 60.6  |
| 148     | 70.5  | 32.6  | 97.8  |

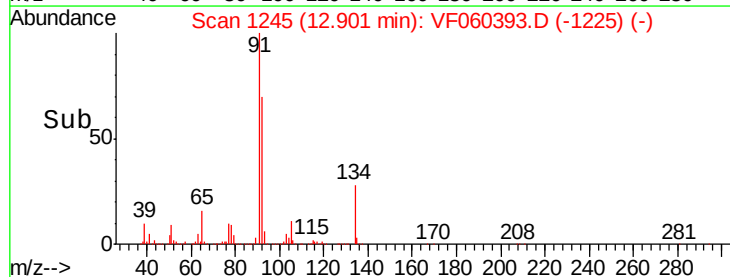
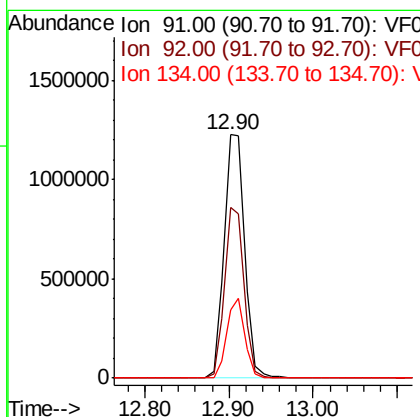
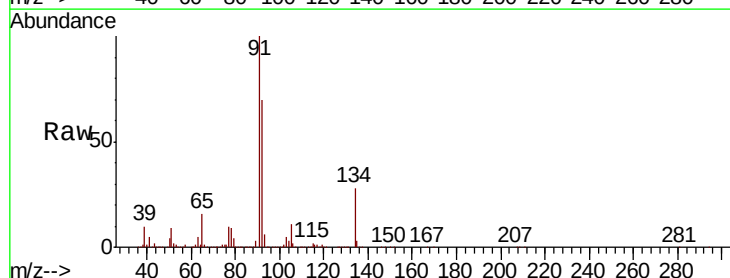
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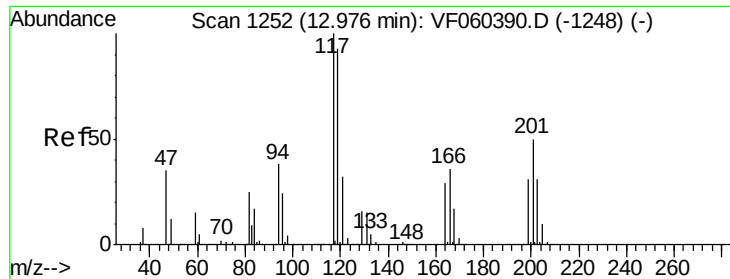
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#89  
 n-Butylbenzene  
 Concen: 109.608 ug/l  
 RT: 12.90 min Scan# 1245  
 Delta R.T. -0.01 min  
 Lab File: VF060393.D  
 Acq: 1 Oct 2018 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 70.0  | 31.3  | 93.9  |
| 134     | 27.8  | 13.0  | 38.9  |





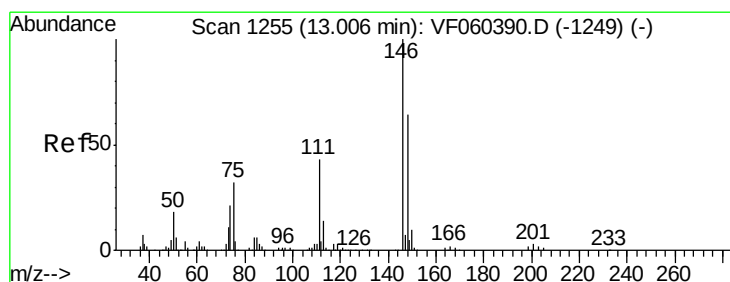
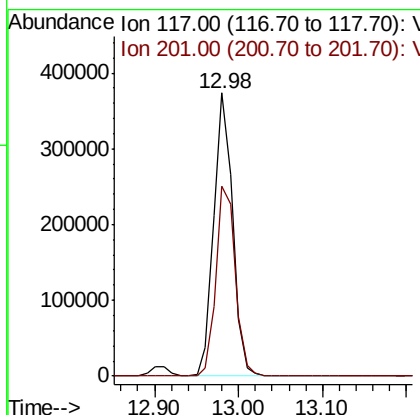
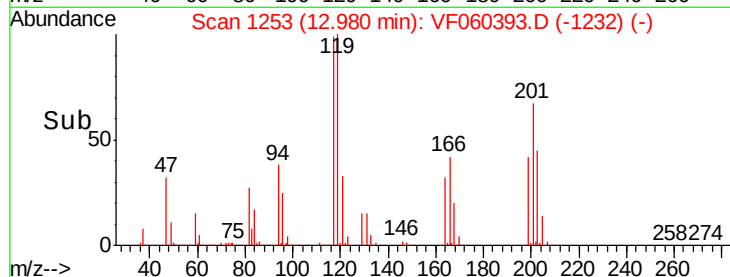
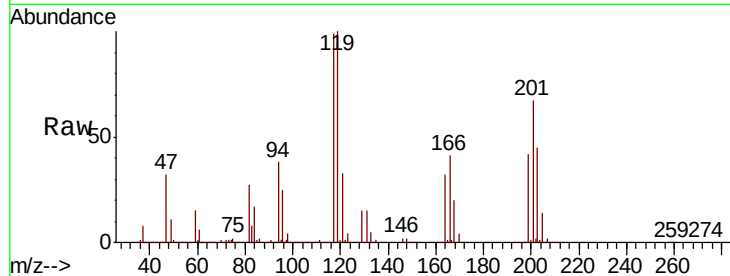
#90  
Hexachloroethane  
Concen: 128.630 ug/l  
RT: 12.98 min Scan# 1253  
Delta R.T. 0.00 min  
Lab File: VF060393.D  
Acq: 1 Oct 2018 20:05

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

Tot Ion:117 Resp: 581804  
Ion Ratio Lower Upper  
117 100  
201 67.3 25.5 76.5

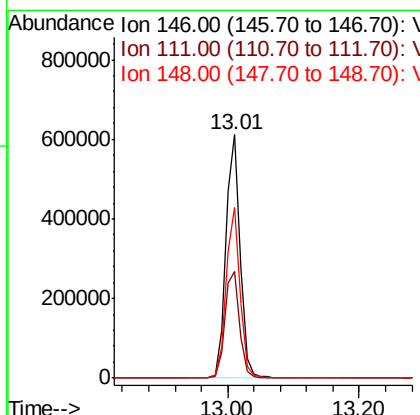
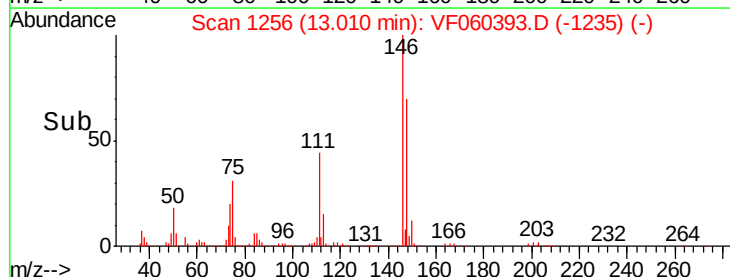
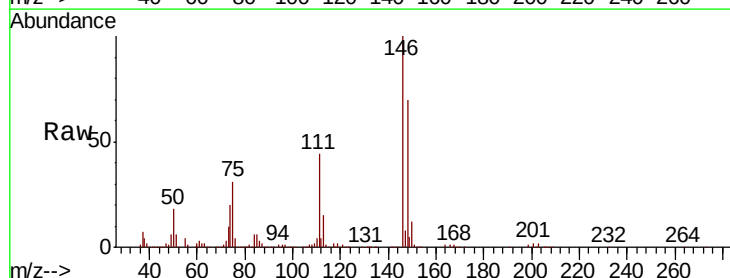
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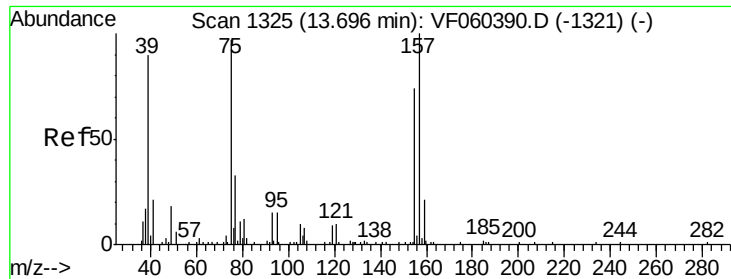
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#91  
1,2-Dichlorobenzene  
Concen: 122.084 ug/l  
RT: 13.01 min Scan# 1256  
Delta R.T. 0.00 min  
Lab File: VF060393.D  
Acq: 1 Oct 2018 20:05

Tgt Ion:146 Resp: 926493  
Ion Ratio Lower Upper  
146 100  
111 43.8 21.3 64.0  
148 70.2 32.2 96.6





#92

1,2-Dibromo-3-Chloropropane

Concen: 150.142 ug/l

RT: 13.70 min Scan# 1326

Delta R.T. 0.00 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

Instrument :

MSVOA\_F

ClientSampleId :

VSTDIC150

Tot Ion: 75 Resp: 98626

Ion Ratio Lower Upper

75 100

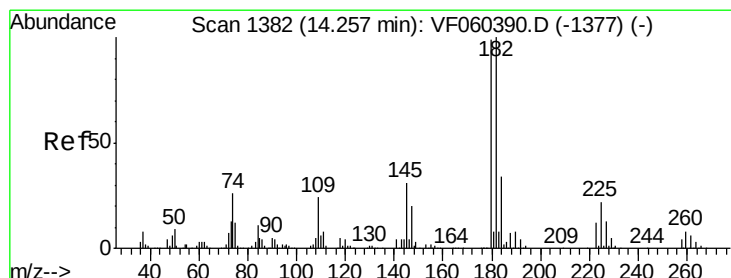
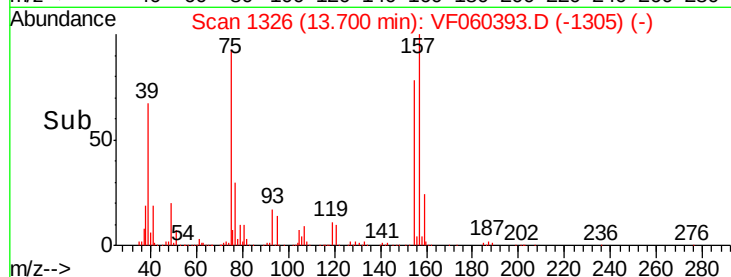
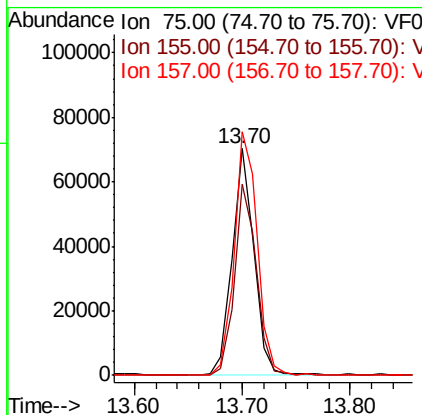
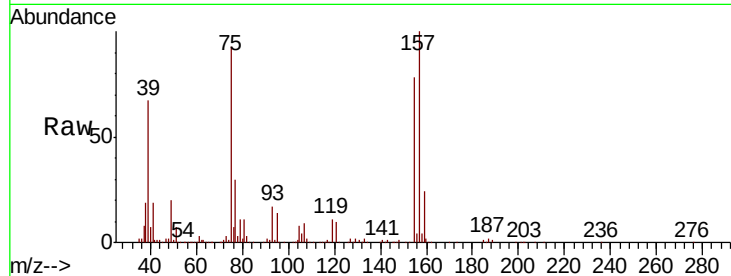
155 84.2 37.9 113.6

157 107.4 51.3 154.0

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#93

1,2,4-Trichlorobenzene

Concen: 124.505 ug/l

RT: 14.25 min Scan# 1382

Delta R.T. -0.01 min

Lab File: VF060393.D

Acq: 1 Oct 2018 20:05

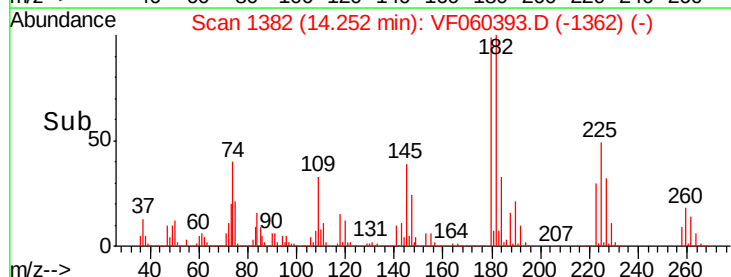
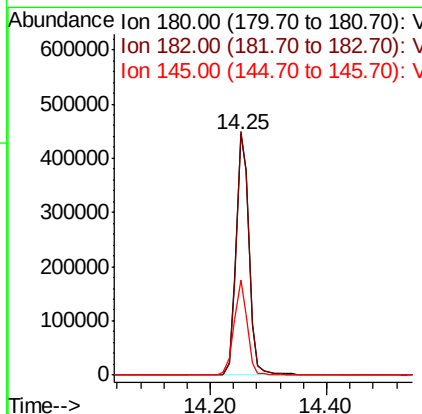
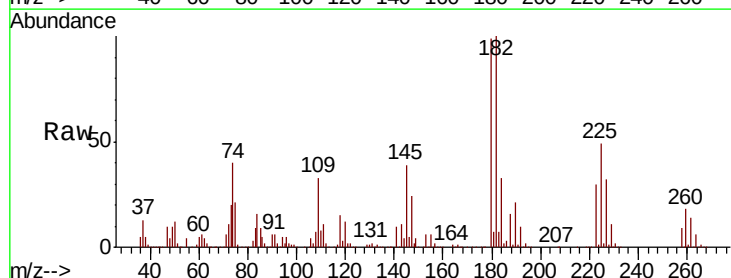
Tgt Ion: 180 Resp: 689781

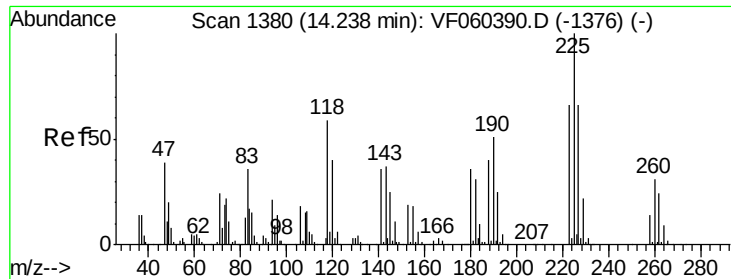
Ion Ratio Lower Upper

180 100

182 101.1 50.3 150.9

145 39.4 15.5 46.5





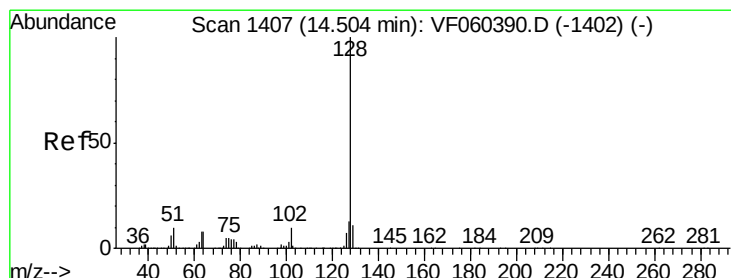
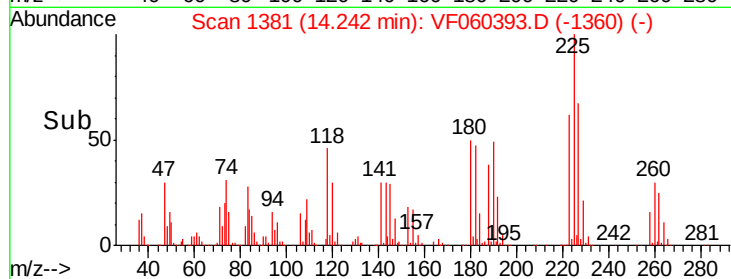
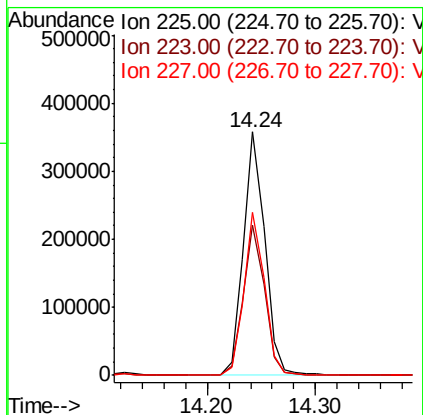
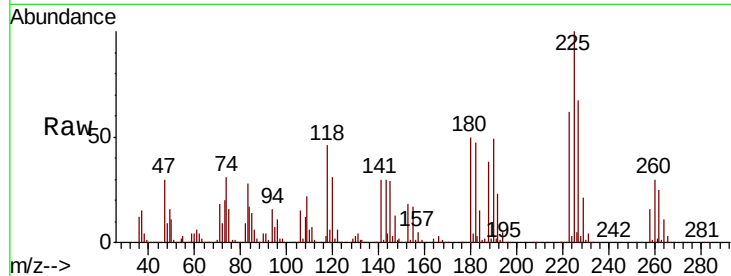
#94  
Hexachlorobutadiene  
Concen: 131.555 ug/l  
RT: 14.24 min Scan# 1381  
Delta R.T. 0.00 min  
Lab File: VF060393.D  
Acq: 1 Oct 2018 20:05

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDIC150

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 61.6  | 32.8  | 98.4  |
| 227     | 66.7  | 33.0  | 99.0  |

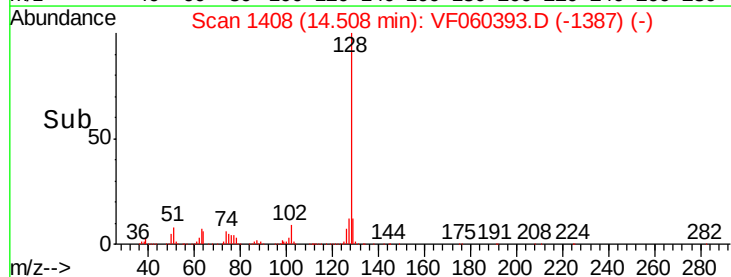
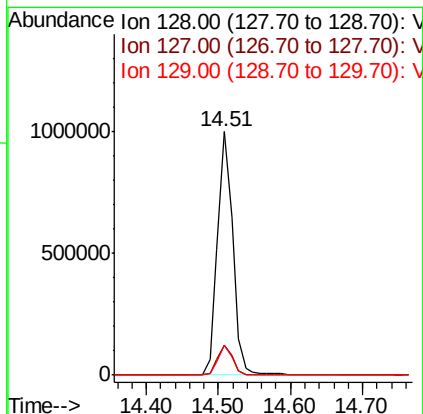
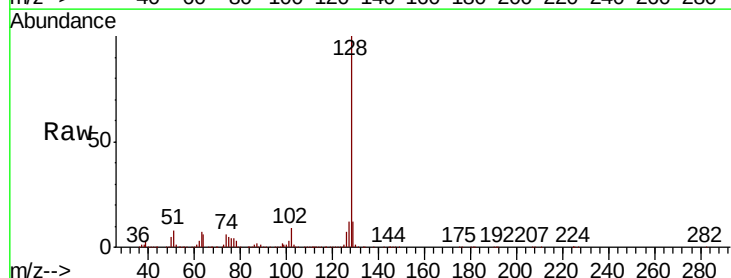
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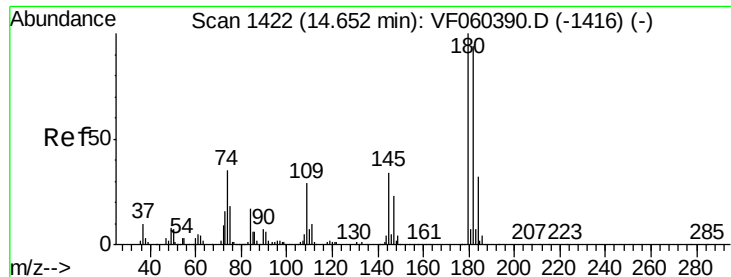
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#95  
Naphthalene  
Concen: 148.895 ug/l  
RT: 14.51 min Scan# 1408  
Delta R.T. 0.00 min  
Lab File: VF060393.D  
Acq: 1 Oct 2018 20:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.2  | 10.0  | 15.0  |
| 129     | 12.2  | 8.7   | 13.1  |





#96  
 1,2,3-Trichlorobenzene  
 Concen: 133.889 ug/l  
 RT: 14.66 min Scan# 1423  
 Delta R.T. 0.00 min  
 Lab File: VF060393.D  
 Acq: 1 Oct 2018 20:05

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDIC150

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 683991 |       |       |
| 182     | 100.1 | 46.8   | 140.3 |       |
| 145     | 34.0  | 16.9   | 50.6  |       |

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