

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF100418\  
 Data File : VF060440.D  
 Acq On : 4 Oct 2018 17:15  
 Operator : VA/AP  
 Sample : VF1004SBSD01  
 Misc : 5.00/5mL/MSVOA F/SOIL  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF1004SBSD01

Manual Integrations  
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apatel  
 10/5/2018 12:26:30 PM

Quant Time: Oct 04 17:38:24 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F100118S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 02 11:42:56 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.03  | 168  | 275713   | 50.00 | ug/l  | 0.01     |
| 34) 1,4-Difluorobenzene    | 5.75  | 114  | 450605   | 50.00 | ug/l  | 0.01     |
| 63) Chlorobenzene-d5       | 9.90  | 117  | 394257   | 50.00 | ug/l  | 0.01     |
| 72) 1,4-Dichlorobenzene-d4 | 12.63 | 152  | 231359   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 5.01   | 65  | 221642   | 51.37 | ug/l    | 0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.74% |      |
| 35) Dibromofluoromethane  | 4.28   | 113 | 212588   | 50.22 | ug/l    | 0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.44% |      |
| 50) Toluene-d8            | 7.70   | 98  | 533441   | 51.17 | ug/l    | 0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 102.34% |      |
| 62) 4-Bromofluorobenzene  | 11.50  | 95  | 229820   | 48.28 | ug/l    | 0.01 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.56%  |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 0.98 | 85  | 143486 | 20.924  | ug/l   | 95     |
| 3) Chloromethane              | 1.12 | 50  | 81902  | 21.876  | ug/l # | 86     |
| 4) Vinyl Chloride             | 1.17 | 62  | 81852  | 21.016  | ug/l   | 94     |
| 5) Bromomethane               | 1.36 | 94  | 62838  | 20.830  | ug/l   | 94     |
| 6) Chloroethane               | 1.43 | 64  | 39660  | 20.406  | ug/l   | 89     |
| 7) Trichlorofluoromethane     | 1.53 | 101 | 182517 | 20.199  | ug/l   | 97     |
| 8) Diethyl Ether              | 1.69 | 74  | 23585  | 19.045  | ug/l   | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 1.89 | 101 | 88986  | 20.559  | ug/l   | 98     |
| 10) Methyl Iodide             | 1.96 | 142 | 133362 | 20.204  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 2.68 | 59  | 28355  | 108.657 | ug/l # | 76     |
| 12) 1,1-Dichloroethene        | 1.85 | 96  | 69272  | 20.713  | ug/l   | 98     |
| 13) Acrolein                  | 2.09 | 56  | 20876  | 99.474  | ug/l   | 100    |
| 14) Allyl chloride            | 2.19 | 41  | 111296 | 20.769  | ug/l   | 98     |
| 15) Acrylonitrile             | 3.06 | 53  | 45762  | 102.341 | ug/l # | 93     |
| 16) Acetone                   | 2.33 | 43  | 124342 | 128.393 | ug/l   | 97     |
| 17) Carbon Disulfide          | 1.89 | 76  | 205119 | 20.255  | ug/l   | 99     |
| 18) Methyl Acetate            | 2.44 | 43  | 34224  | 20.042  | ug/l   | 99     |
| 19) Methyl tert-butyl Ether   | 2.53 | 73  | 167696 | 20.587  | ug/l   | 97     |
| 20) Methylene Chloride        | 2.31 | 84  | 72114m | 19.505  | ug/l   |        |
| 21) trans-1,2-Dichloroethene  | 2.40 | 96  | 67318  | 20.154  | ug/l   | 91     |
| 22) Diisopropyl ether         | 2.92 | 45  | 187881 | 19.316  | ug/l # | 96     |
| 23) Vinyl Acetate             | 3.32 | 43  | 433317 | 112.147 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 2.99 | 63  | 131447 | 19.984  | ug/l   | 99     |
| 25) 2-Butanone                | 4.49 | 43  | 132897 | 118.965 | ug/l # | 83     |
| 26) 2,2-Dichloropropane       | 3.74 | 77  | 82172  | 22.057  | ug/l   | 97     |
| 27) cis-1,2-Dichloroethene    | 3.63 | 96  | 81019  | 21.695  | ug/l   | 97     |
| 28) Bromochloromethane        | 3.88 | 49  | 51549  | 21.264  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 4.25 | 42  | 54095  | 126.280 | ug/l   | 96     |
| 30) Chloroform                | 4.02 | 83  | 169249 | 20.853  | ug/l   | 99     |
| 31) Cyclohexane               | 3.85 | 56  | 108579 | 22.988  | ug/l # | 88     |
| 32) 1,1,1-Trichloroethane     | 4.27 | 97  | 150900 | 22.342  | ug/l   | 93     |
| 36) 1,1-Dichloropropene       | 4.44 | 75  | 113992 | 20.518  | ug/l   | 92     |
| 37) Ethyl Acetate             | 4.28 | 43  | 49996  | 23.500  | ug/l   | 88     |
| 38) Carbon Tetrachloride      | 4.16 | 117 | 165524 | 24.477  | ug/l   | 97     |

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 Misc : 5.00/5mL/MSVOA F/SOIL  
 ALS Vial : 34 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
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 VF1004SBSD01

Manual Integrations  
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apatel  
 10/5/2018 12:26:30 PM

Quant Time: Oct 04 17:38:24 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F100118S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue Oct 02 11:42:56 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 5.62  | 83   | 115316   | 21.173  | ug/l   | 91       |
| 40) Benzene                    | 4.80  | 78   | 251533   | 22.807  | ug/l   | 97       |
| 41) Methacrylonitrile          | 4.91  | 41   | 26365    | 23.373  | ug/l   | 93       |
| 42) 1,2-Dichloroethane         | 5.10  | 62   | 116942   | 22.225  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 7.10  | 43   | 58863    | 22.895  | ug/l   | 92       |
| 44) Trichloroethene            | 5.66  | 130  | 74927    | 21.173  | ug/l   | 87       |
| 45) 1,2-Dichloropropane        | 6.39  | 63   | 67165    | 22.868  | ug/l   | 97       |
| 46) Dibromomethane             | 6.24  | 93   | 50589    | 21.423  | ug/l   | 92       |
| 47) Bromodichloromethane       | 6.53  | 83   | 126767   | 21.675  | ug/l   | 95       |
| 48) Methyl methacrylate        | 6.87  | 41   | 39454    | 21.378  | ug/l   | 91       |
| 49) 1,4-Dioxane                | 6.85  | 88   | 8268     | 519.587 | ug/l # | 85       |
| 51) 4-Methyl-2-Pentanone       | 8.40  | 43   | 230196   | 125.780 | ug/l   | 100      |
| 52) Toluene                    | 7.77  | 92   | 159495   | 21.291  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 8.42  | 75   | 98881    | 21.574  | ug/l   | 92       |
| 54) cis-1,3-Dichloropropene    | 7.45  | 75   | 122203   | 22.813  | ug/l   | 92       |
| 55) 1,1,2-Trichloroethane      | 8.62  | 97   | 52705    | 22.197  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 8.75  | 69   | 65869    | 24.412  | ug/l   | 94       |
| 57) 1,3-Dichloropropane        | 8.99  | 76   | 92320    | 22.983  | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether  | 7.77  | 63   | 27570    | 100.035 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.62  | 43   | 180683   | 134.598 | ug/l   | 100      |
| 60) Dibromochloromethane       | 8.85  | 129  | 76131    | 21.295  | ug/l   | 91       |
| 61) 1,2-Dibromoethane          | 9.13  | 107  | 57062    | 21.962  | ug/l   | 93       |
| 64) Tetrachloroethene          | 8.30  | 164  | 73268    | 23.378  | ug/l   | 92       |
| 65) Chlorobenzene              | 9.93  | 112  | 187143   | 23.108  | ug/l   | 96       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.06 | 131  | 75947    | 21.477  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.03 | 91   | 362273   | 23.526  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.26 | 106  | 241875   | 45.692  | ug/l   | 100      |
| 69) o-Xylene                   | 10.82 | 106  | 131264   | 22.749  | ug/l   | 98       |
| 70) Styrene                    | 10.89 | 104  | 190402   | 23.199  | ug/l   | 96       |
| 71) Bromoform                  | 10.88 | 173  | 41902    | 22.256  | ug/l # | 88       |
| 73) Isopropylbenzene           | 11.23 | 105  | 405301   | 22.249  | ug/l   | 100      |
| 74) N-amyl acetate             | 11.46 | 43   | 101566   | 24.293  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.78 | 83   | 75452    | 22.719  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.88 | 75   | 54934    | 22.468  | ug/l   | 84       |
| 77) Bromobenzene               | 11.59 | 156  | 84063    | 20.644  | ug/l   | 95       |
| 78) n-propylbenzene            | 11.68 | 91   | 480454   | 21.756  | ug/l   | 94       |
| 79) 2-Chlorotoluene            | 11.81 | 91   | 280077   | 21.681  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 11.91 | 105  | 339515   | 21.937  | ug/l   | 95       |
| 81) trans-1,4-Dichloro-2-buten | 11.95 | 75   | 25404m   | 23.439  | ug/l   |          |
| 82) 4-Chlorotoluene            | 11.98 | 91   | 286703   | 21.691  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.21 | 119  | 335676   | 21.989  | ug/l   | 96       |
| 84) 1,2,4-Trimethylbenzene     | 12.28 | 105  | 352975   | 22.997  | ug/l   | 95       |
| 85) sec-Butylbenzene           | 12.38 | 105  | 460083   | 21.835  | ug/l   | 96       |
| 86) p-Isopropyltoluene         | 12.54 | 119  | 376502   | 21.871  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 12.56 | 146  | 166304   | 21.703  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.64 | 146  | 162778   | 21.543  | ug/l   | 97       |
| 89) n-Butylbenzene             | 12.91 | 91   | 425171   | 23.341  | ug/l   | 93       |
| 90) Hexachloroethane           | 12.99 | 117  | 86484    | 19.438  | ug/l   | 89       |
| 91) 1,2-Dichlorobenzene        | 13.02 | 146  | 159534   | 21.729  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.71 | 75   | 12754    | 19.809  | ug/l   | 88       |

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Sample : VF1004SBSD01  
Misc : 5.00/5mL/MSVOA F/SOIL  
ALS Vial : 34 Sample Multiplier: 1

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1004SBSD01

Manual Integrations  
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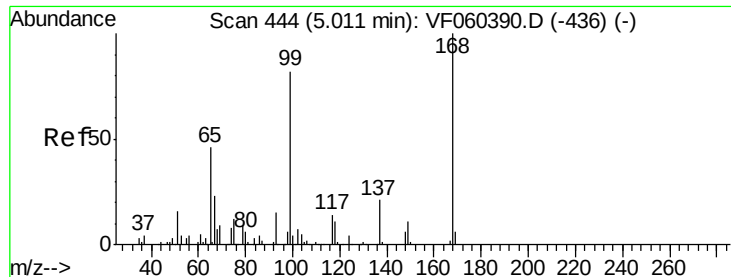
apatel  
10/5/2018 12:26:30 PM

Quant Time: Oct 04 17:38:24 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_F\METHODS\82F100118S.M  
Quant Title : SW846 8260  
QLast Update : Tue Oct 02 11:42:56 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.26 | 180  | 122934   | 22.402 | ug/l  | 94       |
| 94) Hexachlorobutadiene    | 14.25 | 225  | 79151    | 20.666 | ug/l  | 98       |
| 95) Naphthalene            | 14.52 | 128  | 221787   | 22.605 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 14.67 | 180  | 111668   | 21.708 | ug/l  | 95       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. 0.01 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

Instrument :

MSVOA\_F

ClientSampleId :

VF1004SBSD01

Tot Ion:168 Resp: 275713

Ion Ratio Lower Upper

168 100

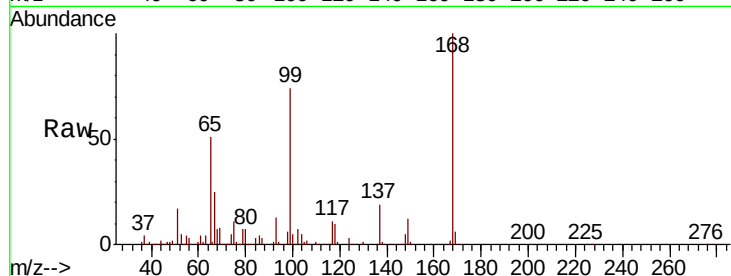
99 73.8 65.3 97.9

Manual Integrations

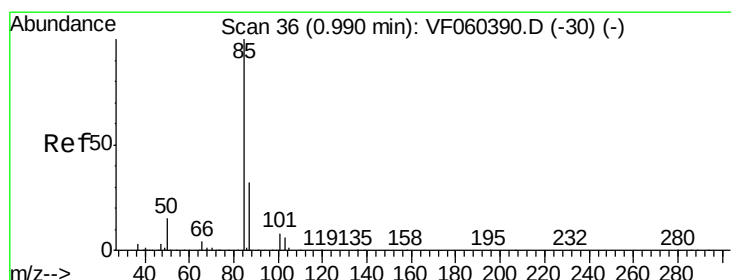
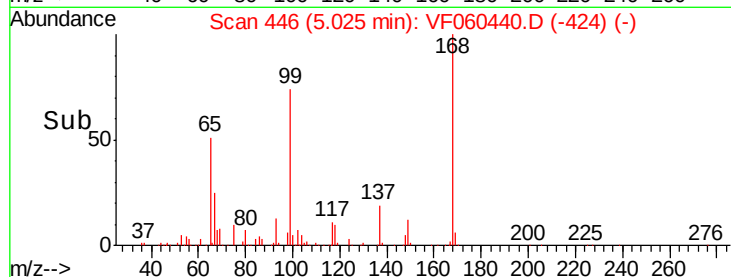
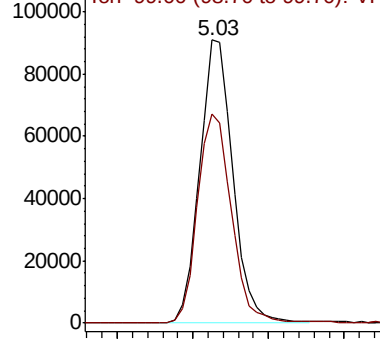
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Abundance Ion 168.00 (167.70 to 168.70): VF0



#2

Dichlorodifluoromethane

Concen: 20.924 ug/l

RT: 0.98 min Scan# 36

Delta R.T. -0.01 min

Lab File: VF060440.D

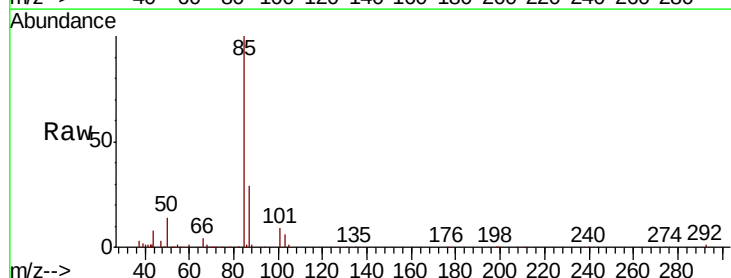
Acq: 4 Oct 2018 17:15

Tgt Ion: 85 Resp: 143486

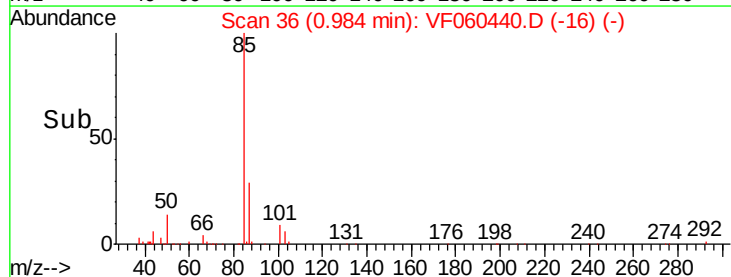
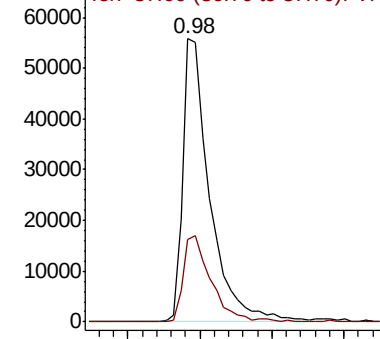
Ion Ratio Lower Upper

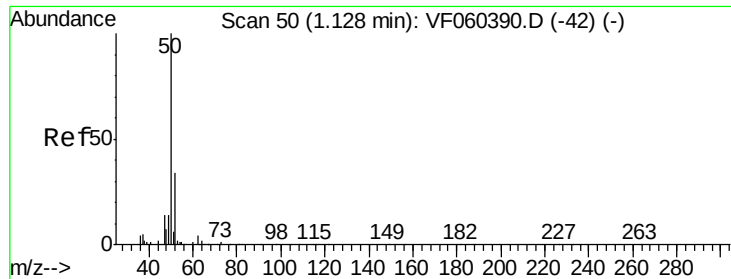
85 100

87 29.1 15.9 47.6



Abundance Ion 85.00 (84.70 to 85.70): VF0





#3

Chloromethane

Concen: 21.876 ug/l

RT: 1.12 min Scan# 50

Delta R.T. -0.01 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

Instrument :

MSVOA\_F

ClientSampleId :

VF1004SBSD01

Tot Ion: 50 Resp: 81902

Ion Ratio Lower Upper

50 100

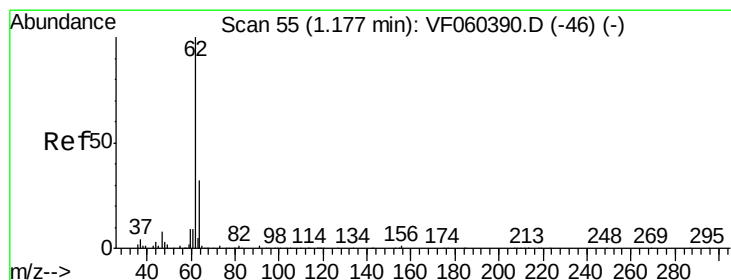
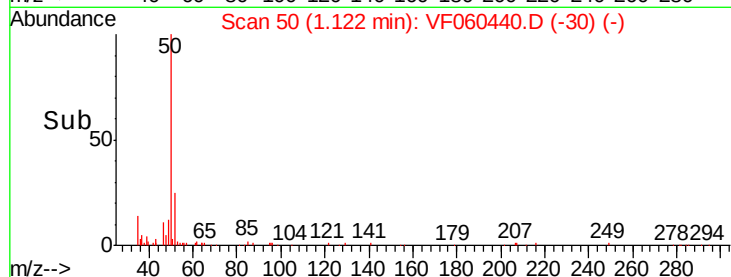
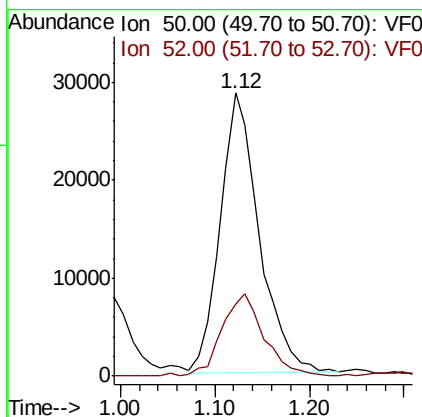
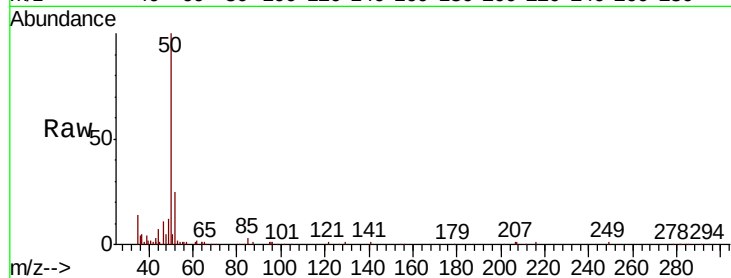
52 25.5 26.9 40.3#

Manual Integrations

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#4

Vinyl Chloride

Concen: 21.016 ug/l

RT: 1.17 min Scan# 55

Delta R.T. -0.01 min

Lab File: VF060440.D

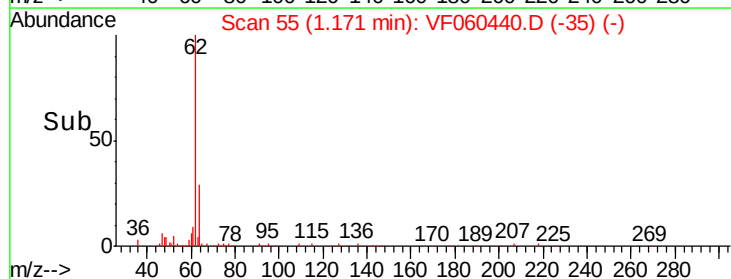
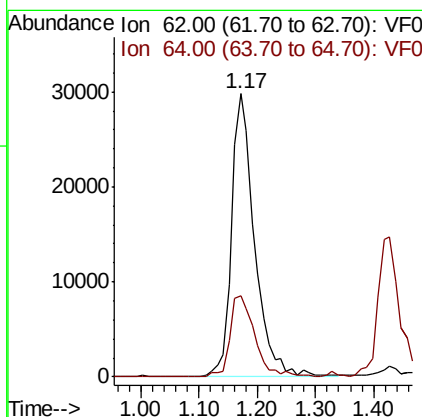
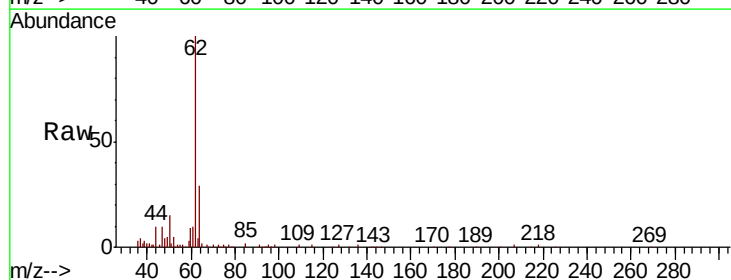
Acq: 4 Oct 2018 17:15

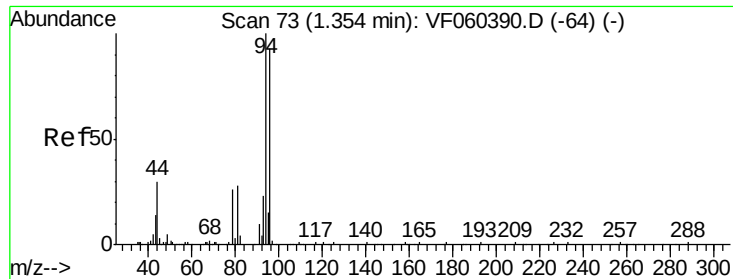
Tgt Ion: 62 Resp: 81852

Ion Ratio Lower Upper

62 100

64 28.8 25.8 38.6





#5

Bromomethane

Concen: 20.830 ug/l

RT: 1.36 min Scan# 74

Delta R.T. 0.00 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

Tot Ion: 94 Resp: 62838

Ion Ratio Lower Upper

94 100

96 86.9 74.3 111.5

Instrument :

MSVOA\_F

ClientSampleId :

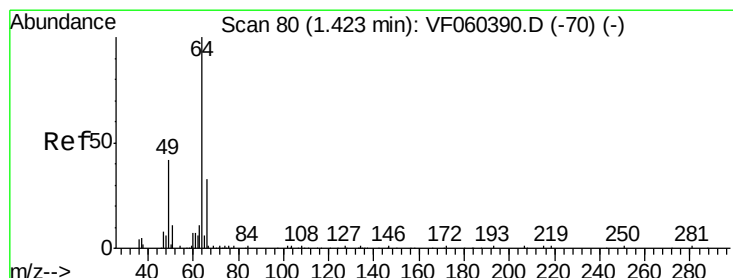
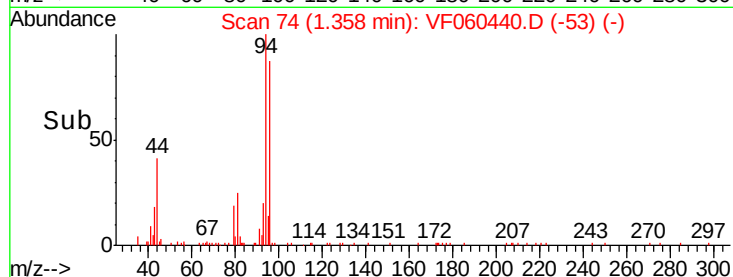
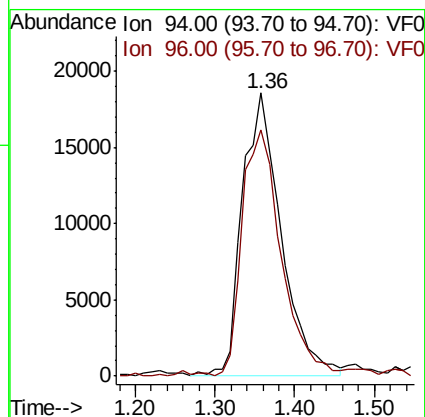
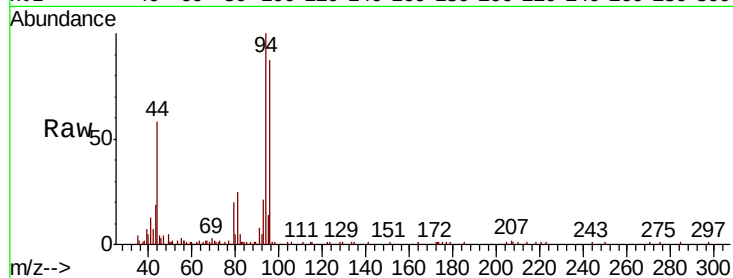
VF1004SBSD01

Manual Integrations

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#6

Chloroethane

Concen: 20.406 ug/l

RT: 1.43 min Scan# 81

Delta R.T. 0.00 min

Lab File: VF060440.D

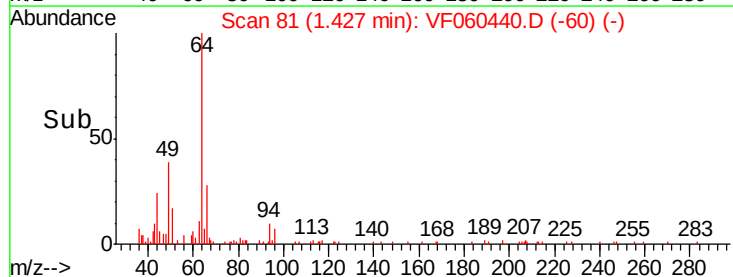
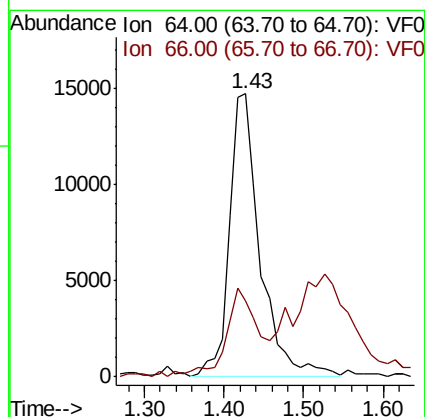
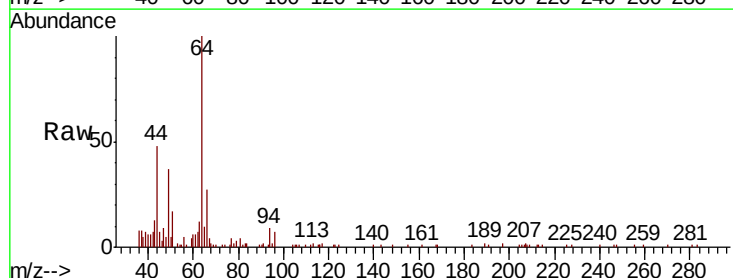
Acq: 4 Oct 2018 17:15

Tgt Ion: 64 Resp: 39660

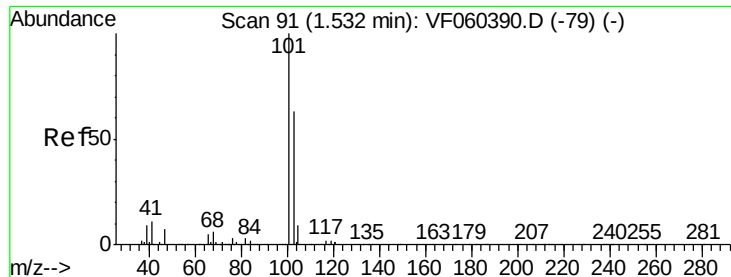
Ion Ratio Lower Upper

64 100

66 26.8 26.3 39.5







#7

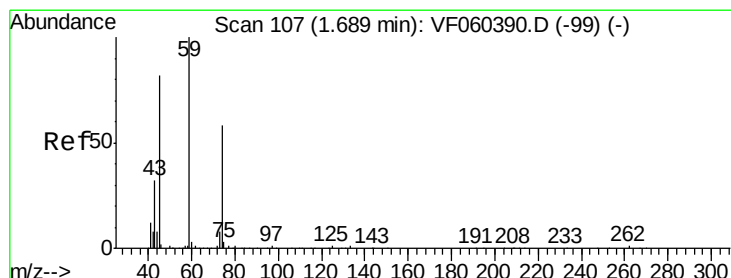
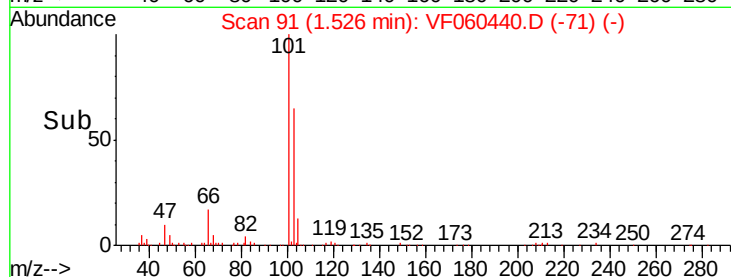
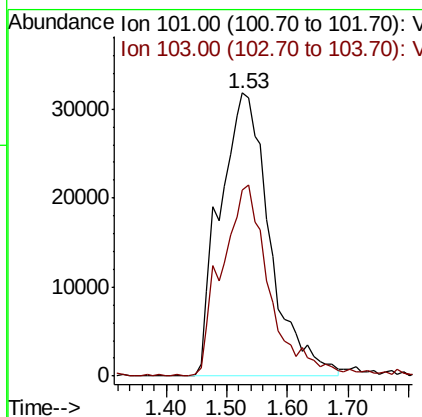
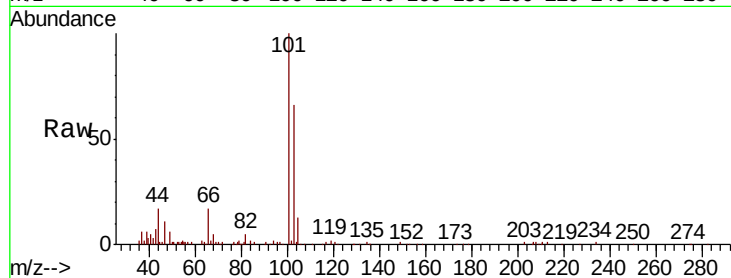
Trichlorofluoromethane  
Concen: 20.199 ug/l  
RT: 1.53 min Scan# 91  
Delta R.T. -0.01 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1004SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 65.8  | 51.0  | 76.4  |

Manual Integrations  
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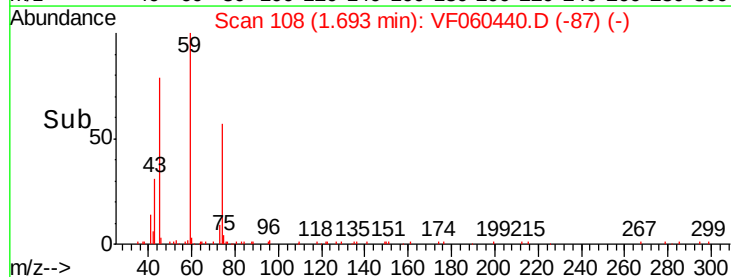
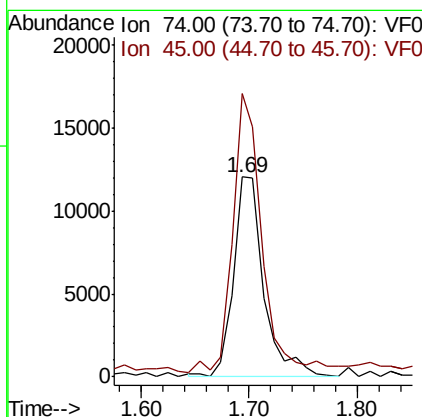
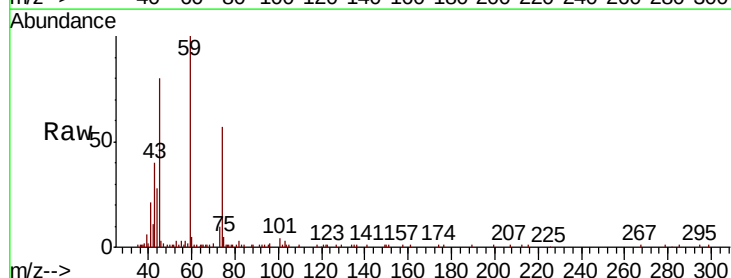
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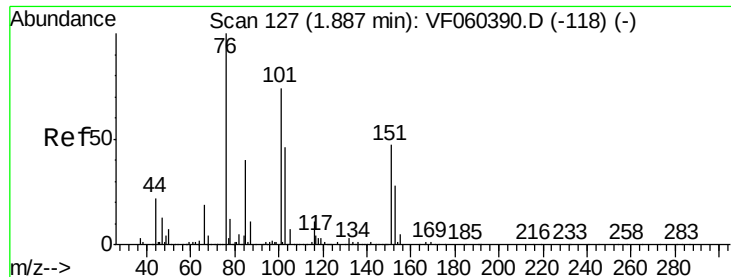
#8

Diethyl Ether  
Concen: 19.045 ug/l  
RT: 1.69 min Scan# 108  
Delta R.T. 0.00 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 141.6 | 71.3  | 213.8 |







#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.559 ug/l

RT: 1.89 min Scan# 128

Delta R.T. 0.00 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

Instrument :

MSVOA\_F

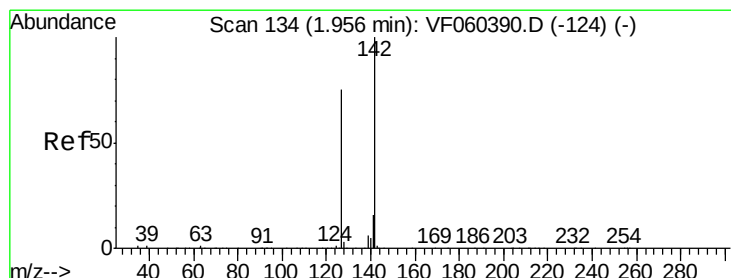
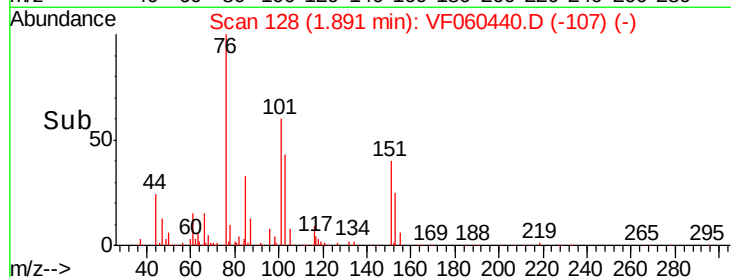
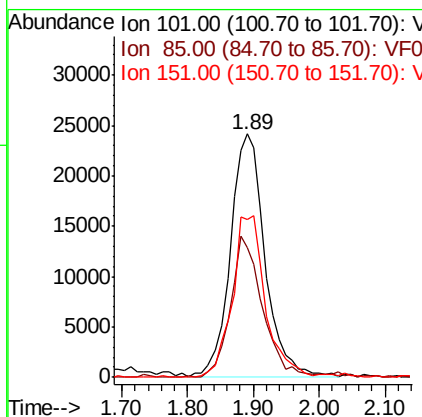
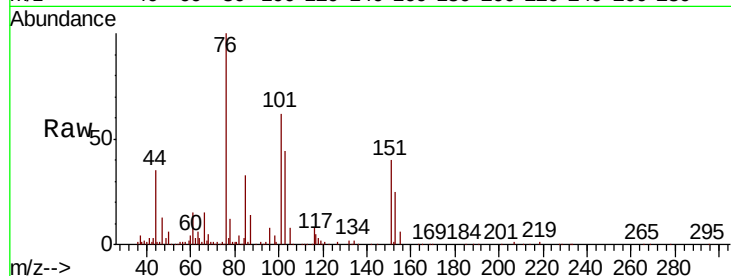
ClientSampleId :

VF1004SBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 88986 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 53.0  | 42.5  | 63.7  |
| 151       | 64.7  | 49.8  | 74.8  |

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#10

Methyl Iodide

Concen: 20.204 ug/l

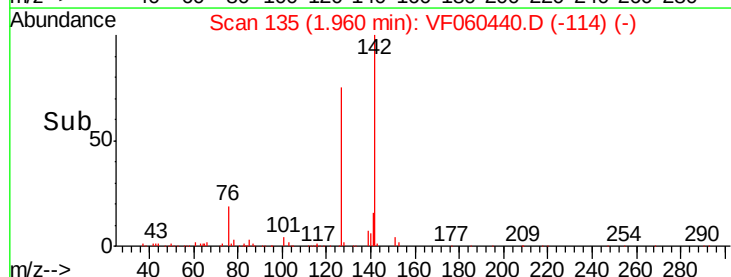
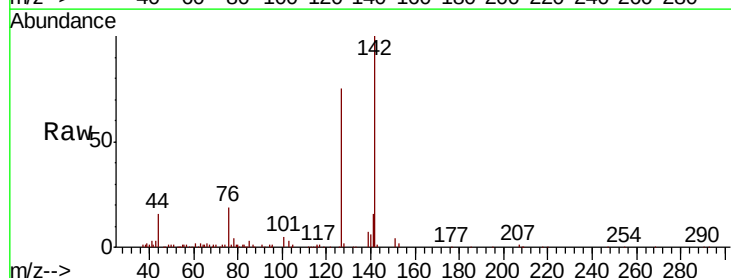
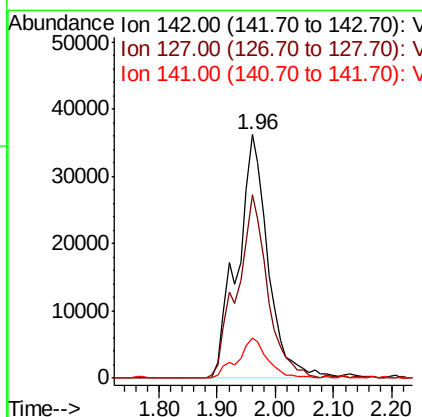
RT: 1.96 min Scan# 135

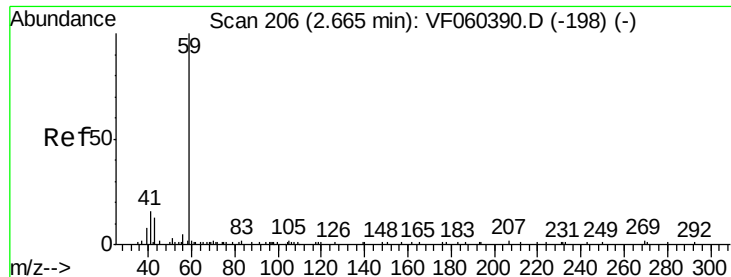
Delta R.T. 0.00 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 133362 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 74.7  | 60.2  | 90.2   |
| 141       | 16.1  | 13.1  | 19.7   |





#11

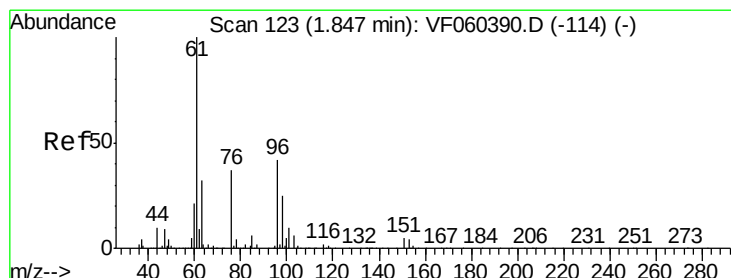
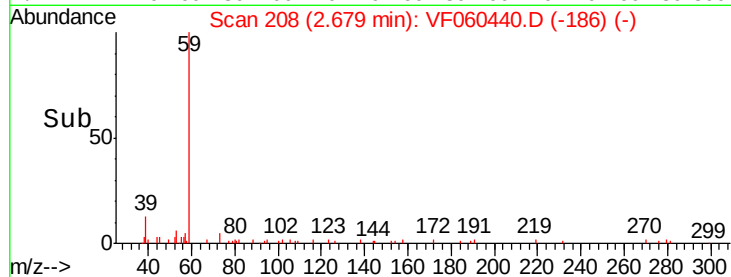
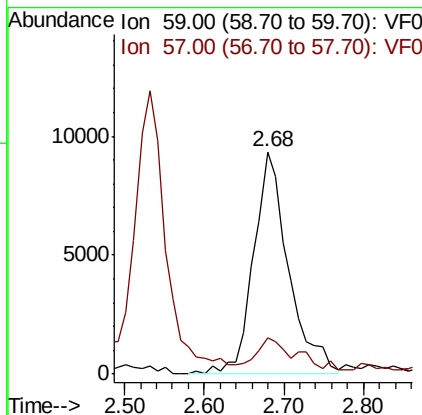
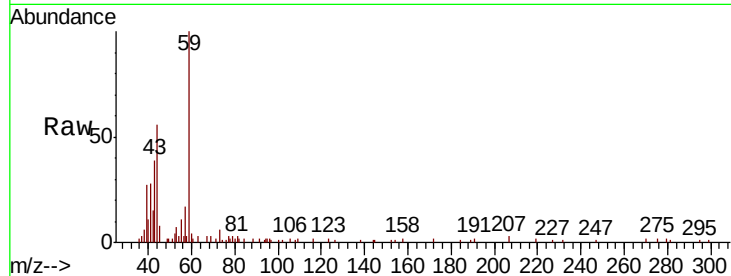
Tert butyl alcohol  
 Concen: 108.657 ug/l  
 RT: 2.68 min Scan# 208  
 Delta R.T. 0.01 min  
 Lab File: VF060440.D  
 Acq: 4 Oct 2018 17:15

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF1004SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 16.5  | 6.5   | 9.7#  |

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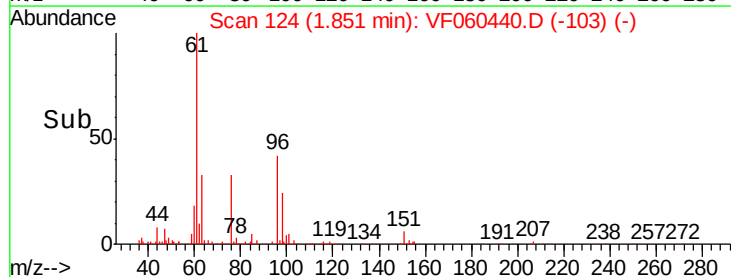
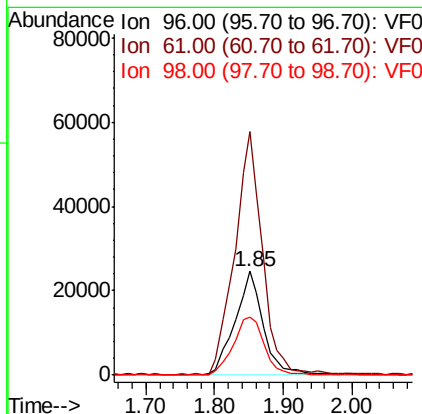
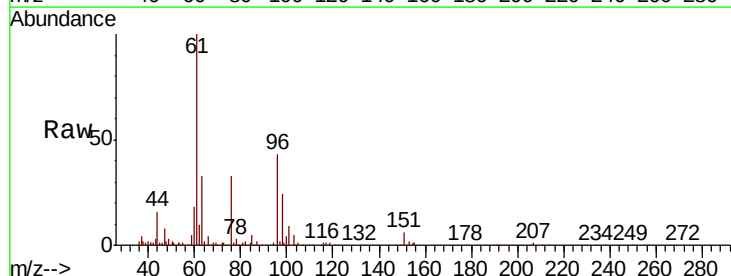
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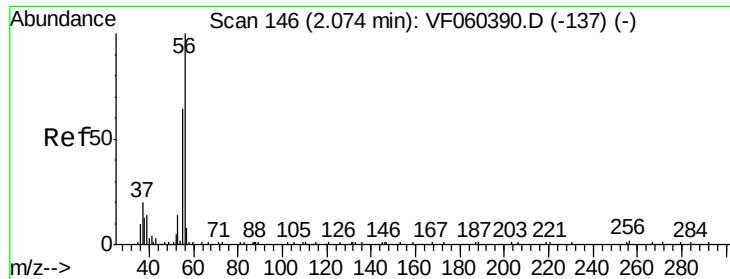


#12

1,1-Dichloroethene  
 Concen: 20.713 ug/l  
 RT: 1.85 min Scan# 124  
 Delta R.T. 0.00 min  
 Lab File: VF060440.D  
 Acq: 4 Oct 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 235.2 | 189.4 | 284.0 |
| 98      | 56.6  | 47.8  | 71.6  |





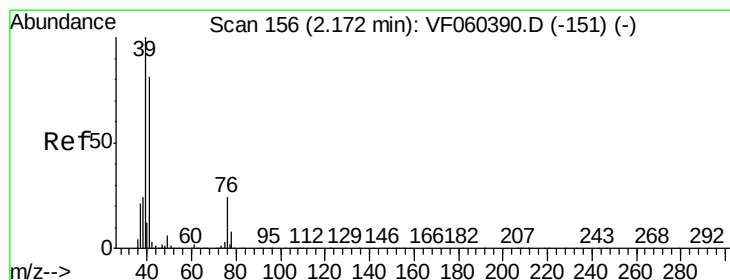
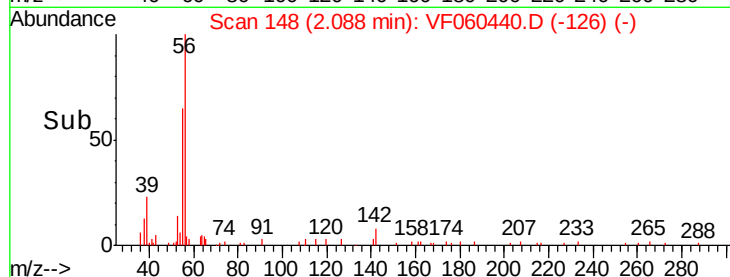
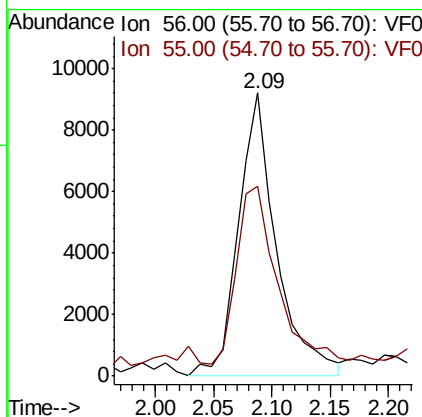
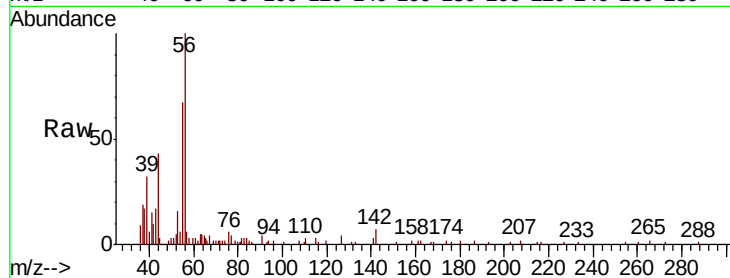
#13  
Acrolein  
Concen: 99.474 ug/l  
RT: 2.09 min Scan# 148  
Delta R.T. 0.01 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1004SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 55      | 67.3  | 53.9  | 80.9  |

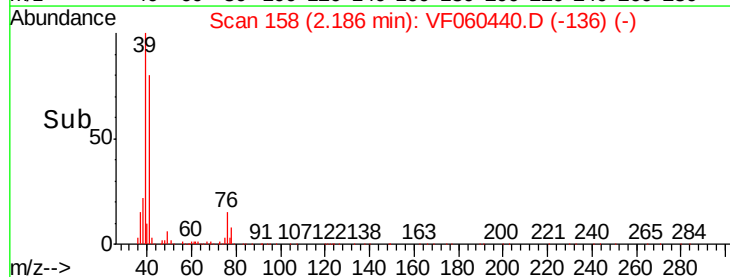
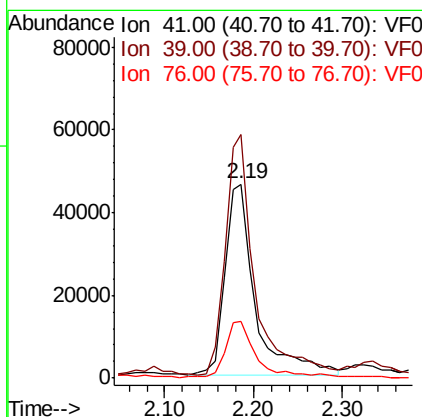
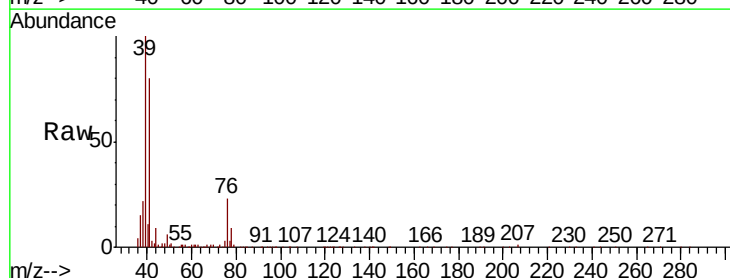
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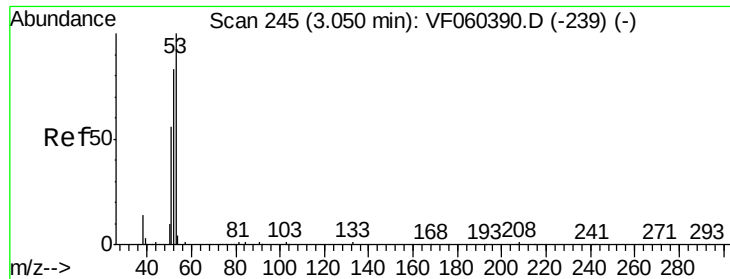
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#14  
Allyl chloride  
Concen: 20.769 ug/l  
RT: 2.19 min Scan# 158  
Delta R.T. 0.01 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 41      | 100   |       |       |
| 39      | 125.4 | 98.3  | 147.5 |
| 76      | 29.2  | 23.9  | 35.9  |





#15

Acrylonitrile

Concen: 102.341 ug/l

RT: 3.06 min Scan# 247

Delta R.T. 0.01 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

Instrument :

MSVOA\_F

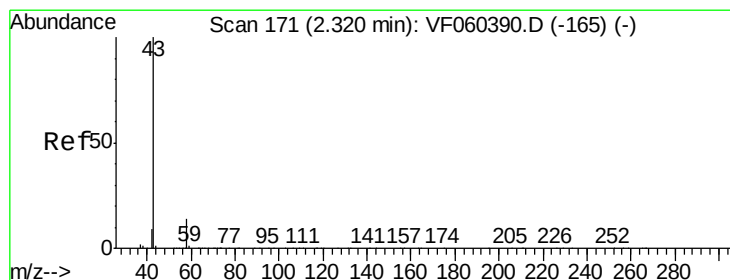
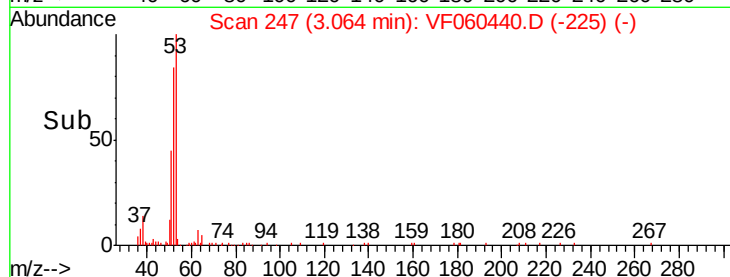
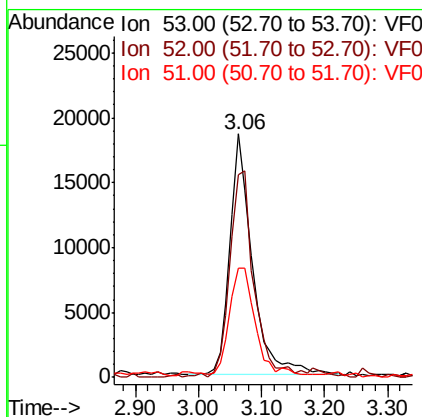
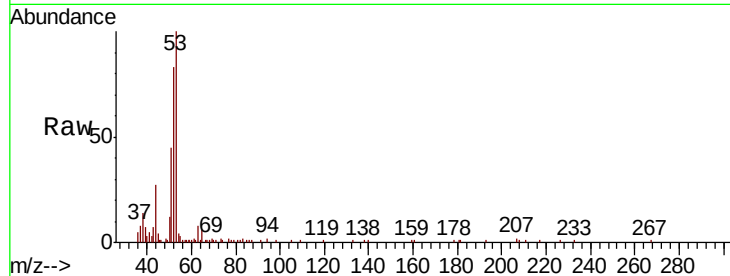
ClientSampleId :

VF1004SBSD01

| Tot Ion   | 53    | Resp  | 45762 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 53        | 100   |       |       |
| 52        | 83.2  | 66.0  | 99.0  |
| 51        | 44.6  | 45.6  | 68.4# |

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#16

Acetone

Concen: 128.393 ug/l

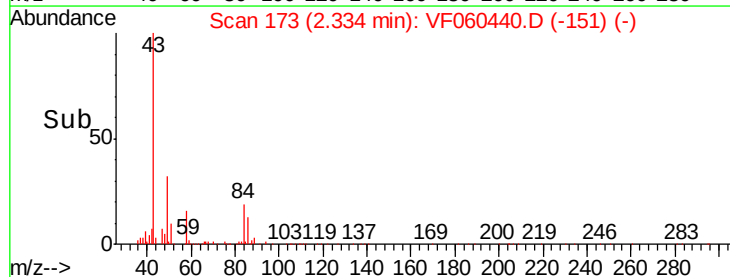
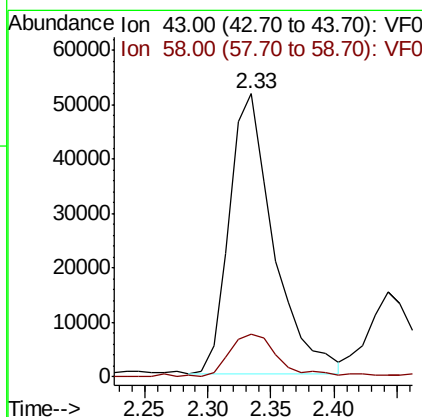
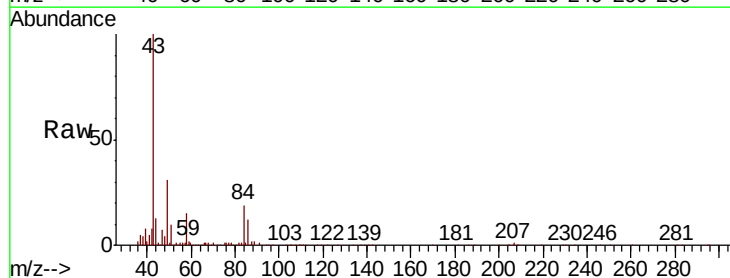
RT: 2.33 min Scan# 173

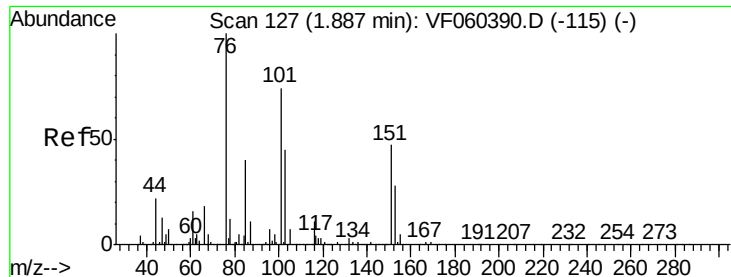
Delta R.T. 0.01 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

| Tgt Ion   | 43    | Resp  | 124342 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 58        | 15.2  | 11.2  | 16.8   |





#17

Carbon Disulfide

Concen: 20.255 ug/l

RT: 1.89 min Scan# 128

Delta R.T. 0.00 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

Instrument :

MSVOA\_F

ClientSampleId :

VF1004SBSD01

Tot Ion: 76 Resp: 205119

Ion Ratio Lower Upper

76 100

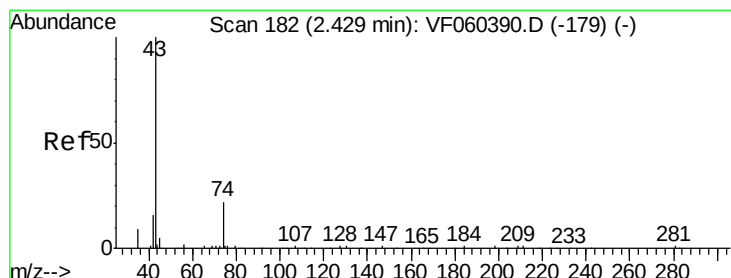
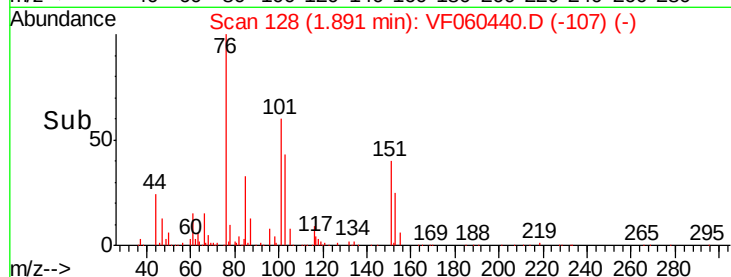
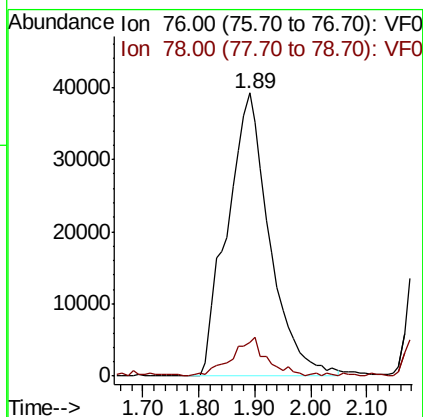
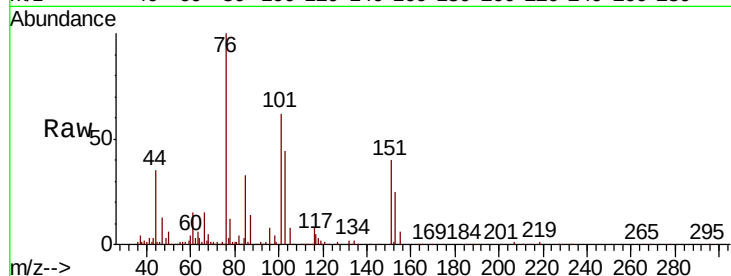
78 12.1 10.1 15.1

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#18

Methyl Acetate

Concen: 20.042 ug/l

RT: 2.44 min Scan# 184

Delta R.T. 0.01 min

Lab File: VF060440.D

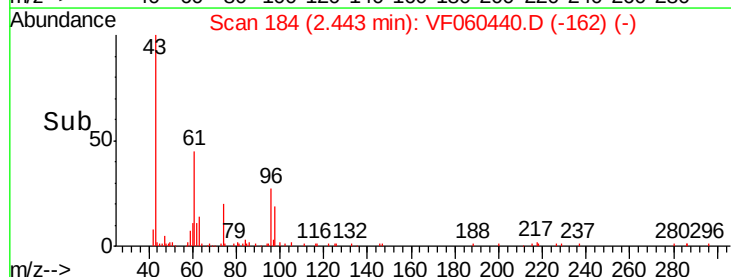
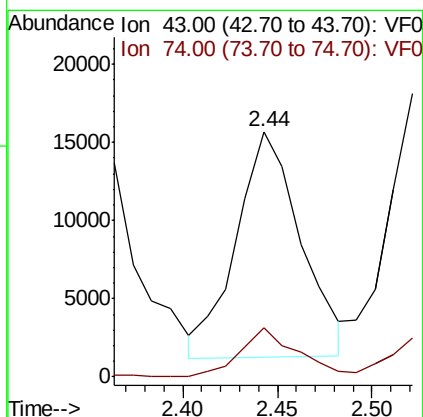
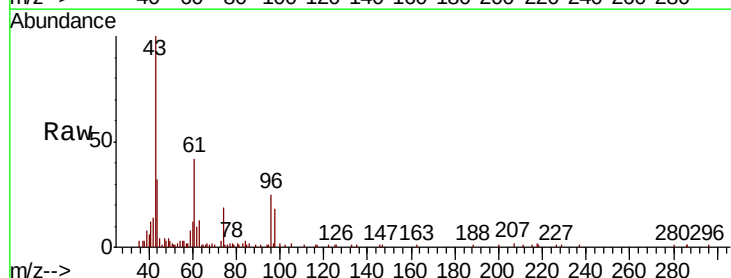
Acq: 4 Oct 2018 17:15

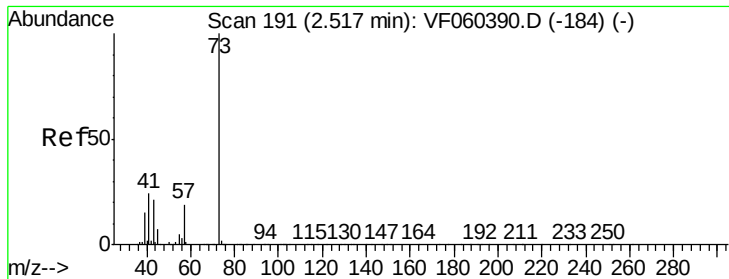
Tgt Ion: 43 Resp: 34224

Ion Ratio Lower Upper

43 100

74 20.2 15.8 23.8





#19

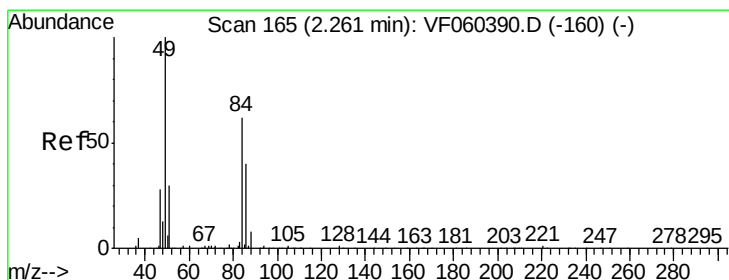
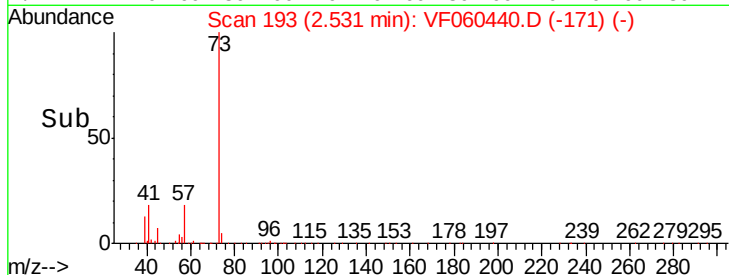
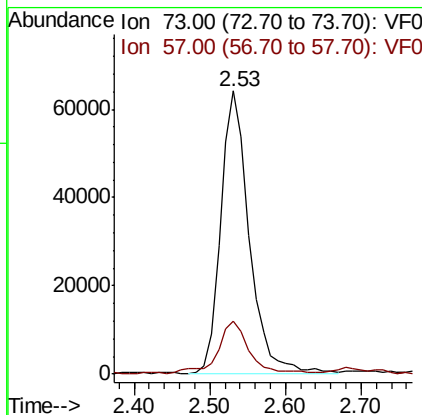
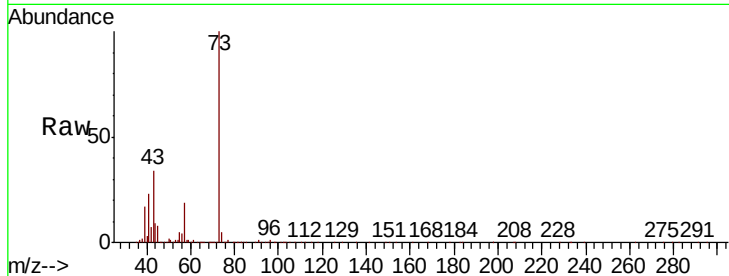
Methyl tert-butyl Ether  
 Concen: 20.587 ug/l  
 RT: 2.53 min Scan# 193  
 Delta R.T. 0.01 min  
 Lab File: VF060440.D  
 Acq: 4 Oct 2018 17:15

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF1004SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 18.6  | 15.9  | 23.9  |

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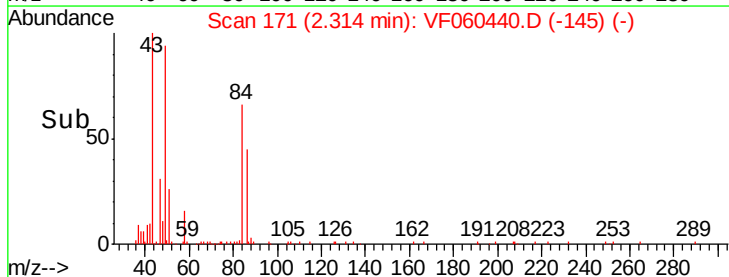
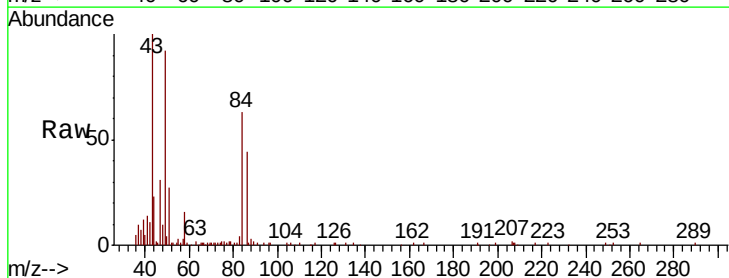
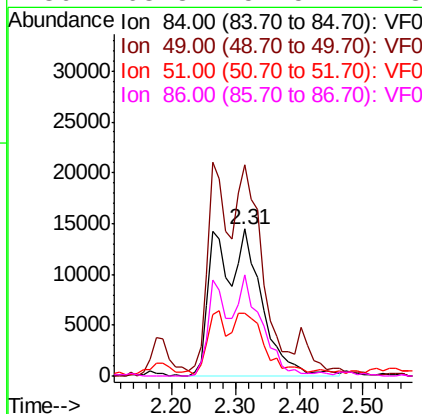
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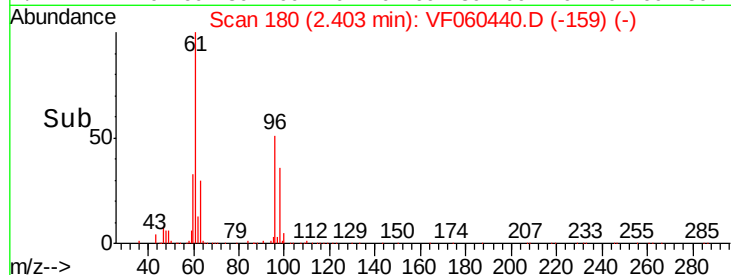
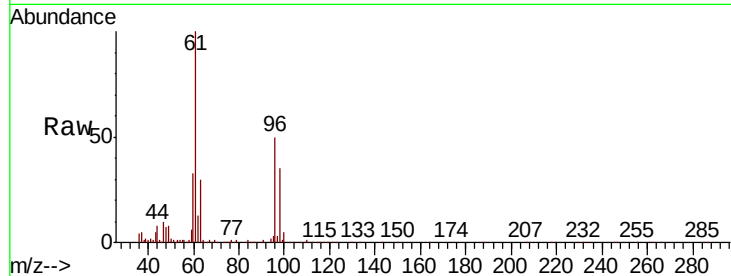
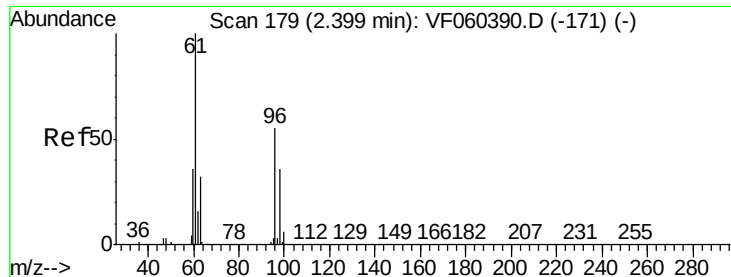


#20

Methylene Chloride  
 Concen: 19.505 ug/l m  
 RT: 2.31 min Scan# 171  
 Delta R.T. 0.05 min  
 Lab File: VF060440.D  
 Acq: 4 Oct 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 144.2 | 130.2 | 195.2 |
| 51      | 42.8  | 41.0  | 61.6  |
| 86      | 68.8  | 51.5  | 77.3  |





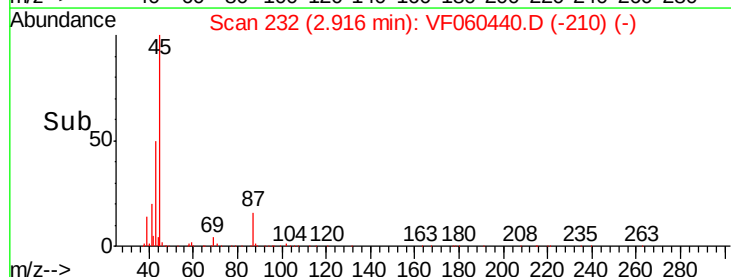
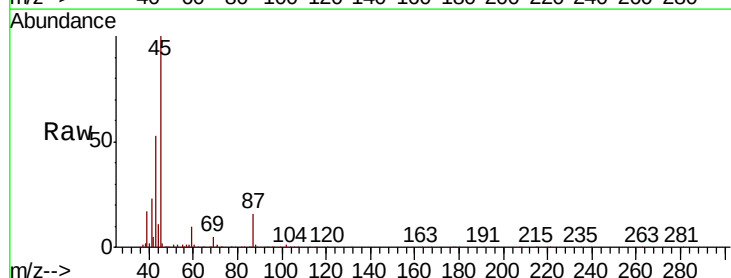
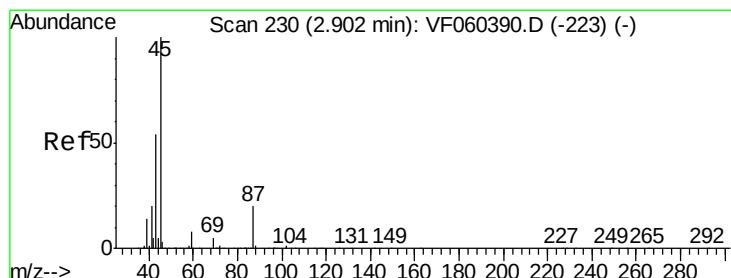
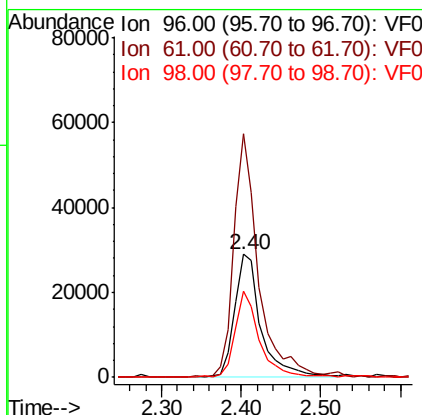
#21  
trans-1,2-Dichloroethene  
Concen: 20.154 ug/l  
RT: 2.40 min Scan# 180  
Delta R.T. 0.00 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 198.3 | 146.2 | 219.2 |
| 98      | 69.9  | 52.6  | 78.8  |

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1004SBSD01

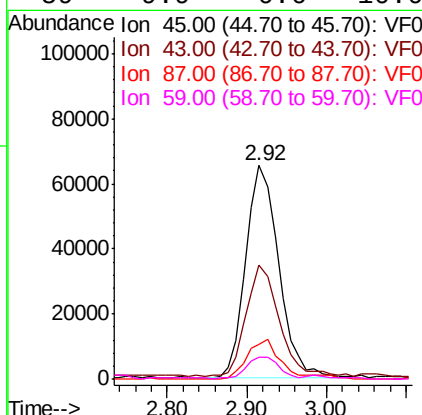
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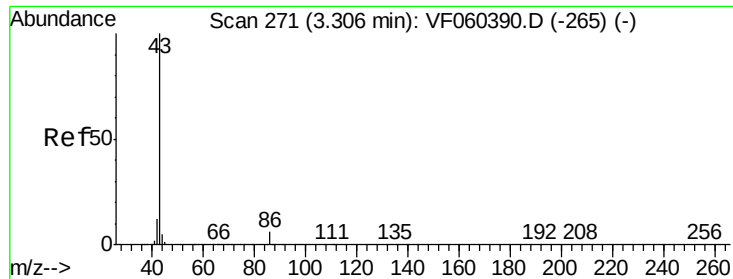


#22  
Diisopropyl ether  
Concen: 19.316 ug/l  
RT: 2.92 min Scan# 232  
Delta R.T. 0.01 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 45      | 100   |       |       |
| 43      | 53.4  | 43.8  | 65.8  |
| 87      | 16.3  | 16.3  | 24.5  |
| 59      | 9.9   | 6.6   | 10.0  |







#23

Vinyl Acetate

Concen: 112.147 ug/l

RT: 3.32 min Scan# 273

Delta R.T. 0.01 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

Instrument :

MSVOA\_F

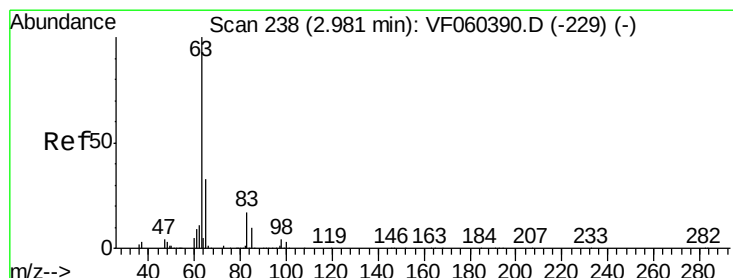
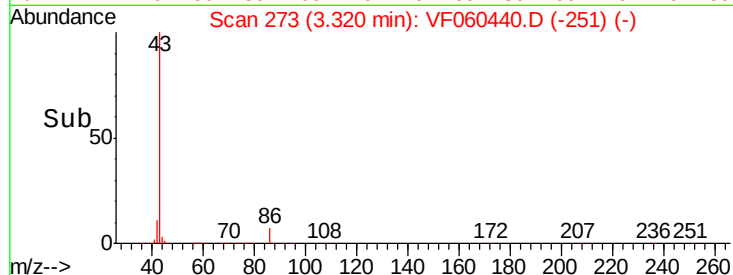
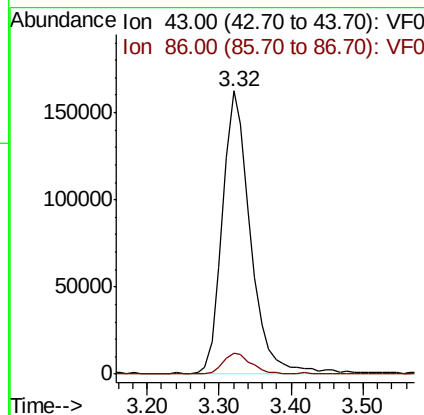
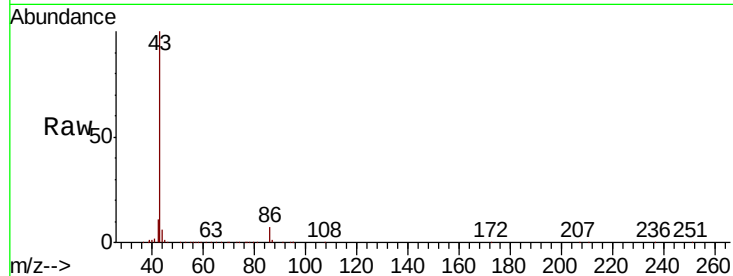
ClientSampleId :

VF1004SBSD01

| Tot Ion | 43    | Resp  | 433317 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 43      | 100   |       |        |
| 86      | 7.4   | 5.1   | 7.7    |

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10/5/2018 12:26:30 PM



#24

1,1-Dichloroethane

Concen: 19.984 ug/l

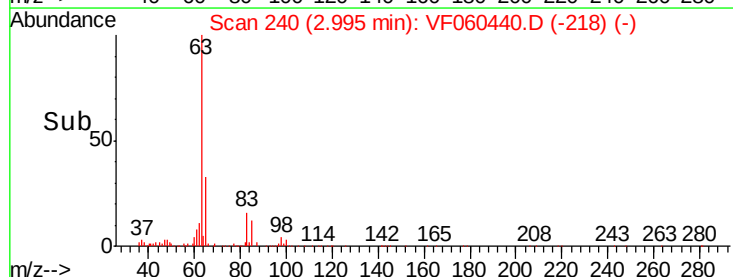
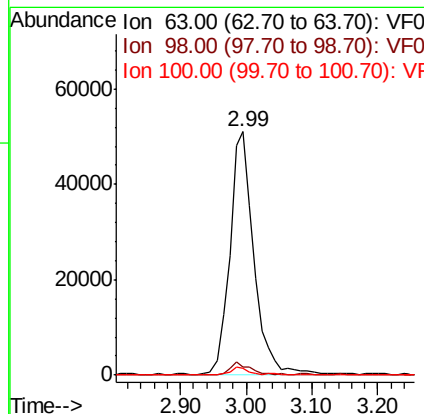
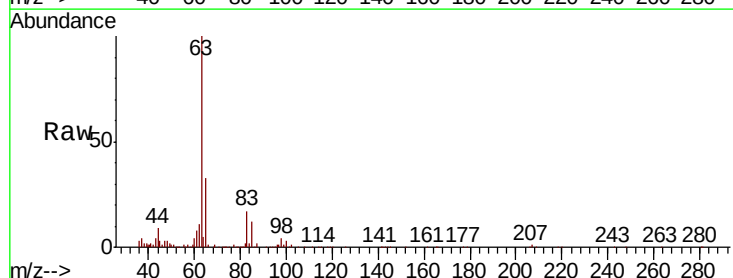
RT: 2.99 min Scan# 240

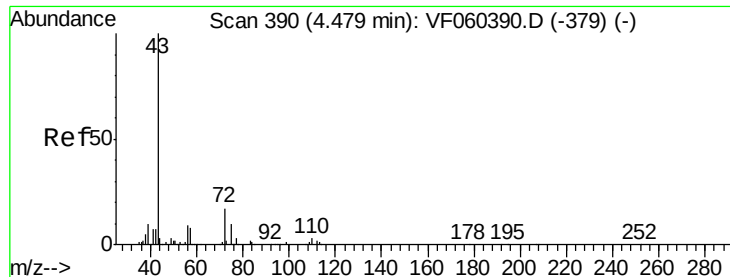
Delta R.T. 0.01 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

| Tgt Ion | 63    | Resp  | 131447 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 63      | 100   |       |        |
| 98      | 3.5   | 2.0   | 5.8    |
| 100     | 2.6   | 1.4   | 4.2    |





#25

2-Butanone

Concen: 118.965 ug/l

RT: 4.49 min Scan# 392

Delta R.T. 0.01 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

Instrument :

MSVOA\_F

ClientSampleId :

VF1004SBSD01

Tot Ion: 43 Resp: 132897

Ion Ratio Lower Upper

43 100

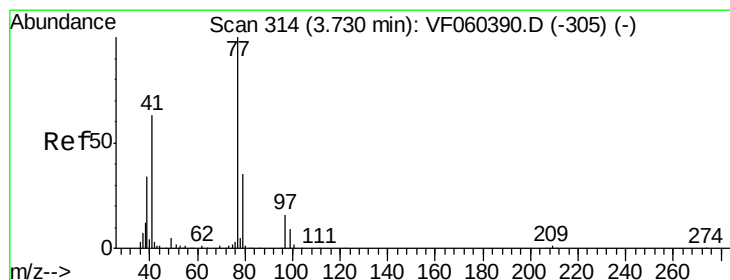
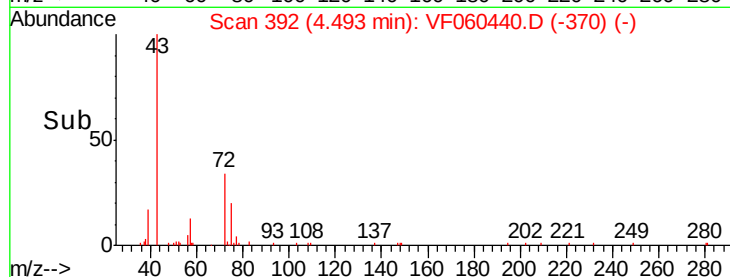
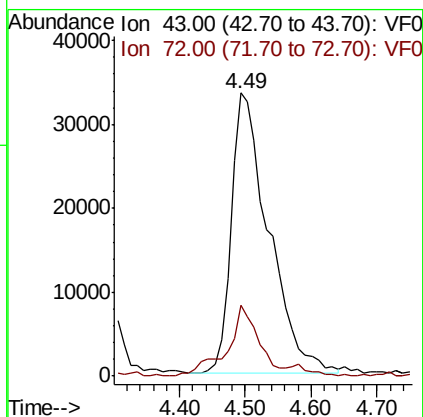
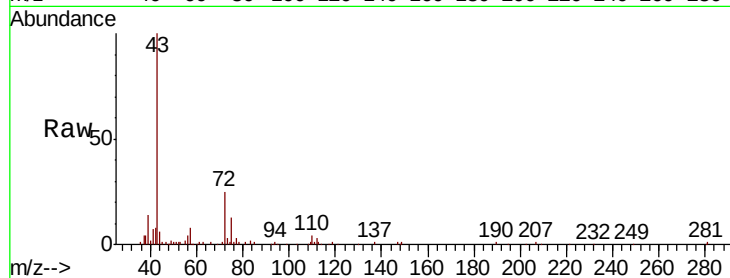
72 25.0 14.1 21.1#

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 22.057 ug/l

RT: 3.74 min Scan# 316

Delta R.T. 0.01 min

Lab File: VF060440.D

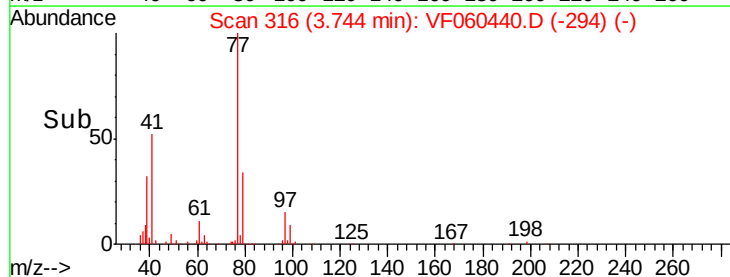
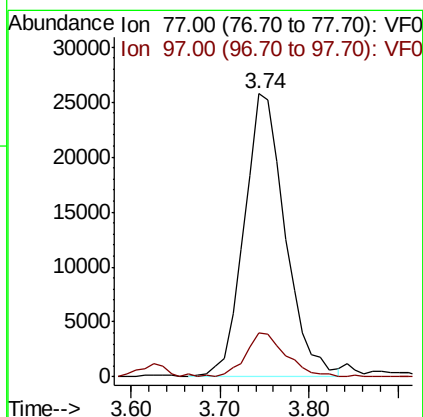
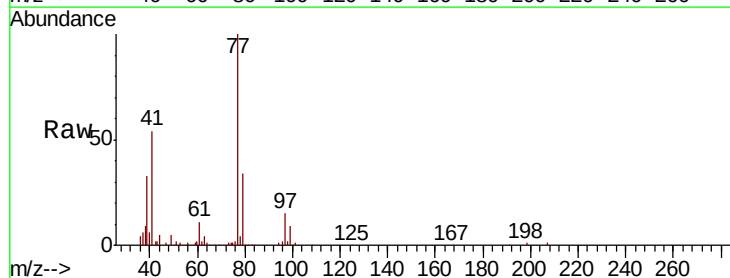
Acq: 4 Oct 2018 17:15

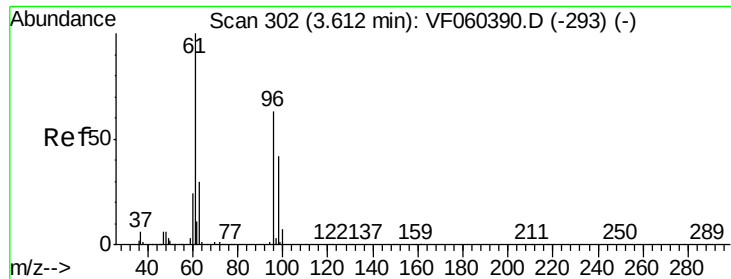
Tgt Ion: 77 Resp: 82172

Ion Ratio Lower Upper

77 100

97 15.4 8.3 25.1





#27

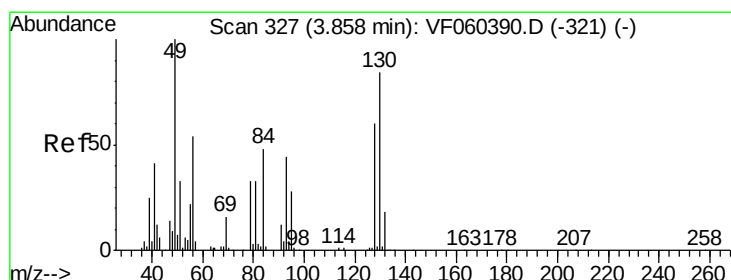
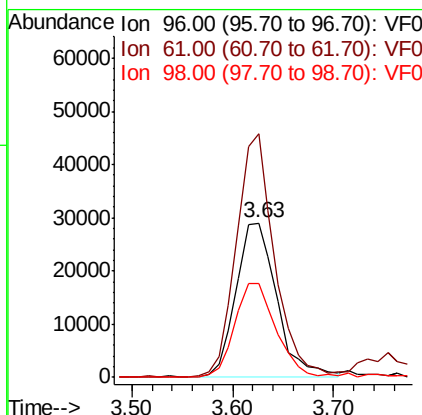
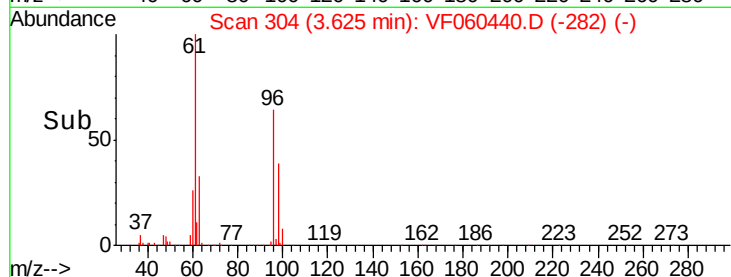
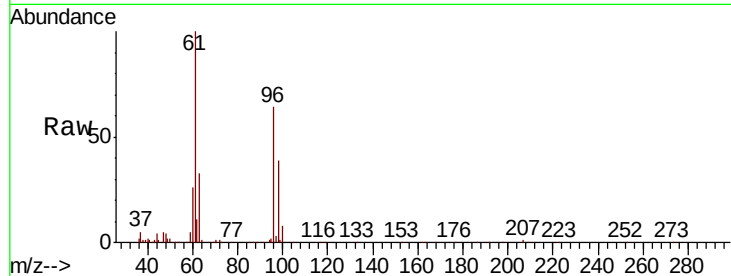
cis-1,2-Dichloroethene  
 Concen: 21.695 ug/l  
 RT: 3.63 min Scan# 304  
 Delta R.T. 0.01 min  
 Lab File: VF060440.D  
 Acq: 4 Oct 2018 17:15

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF1004SBSD01

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 81019 |       |       |
| 61      | 157.5 | 0.0   | 318.2 |       |
| 98      | 61.8  | 0.0   | 134.0 |       |

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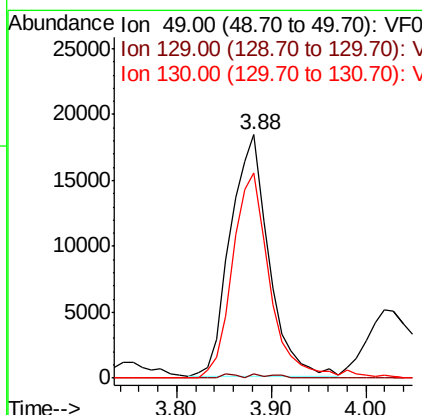
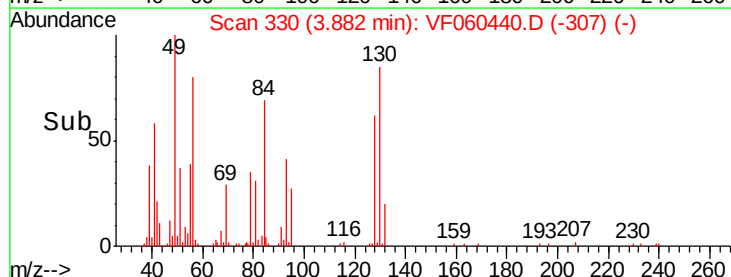
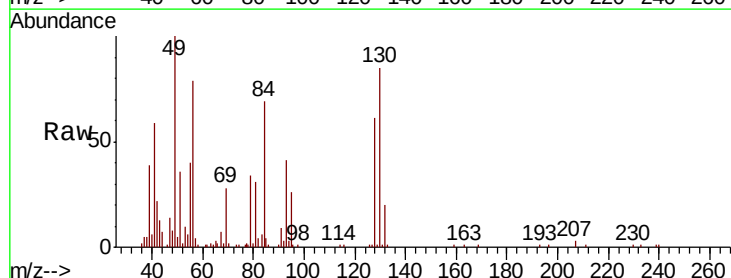
apatel  
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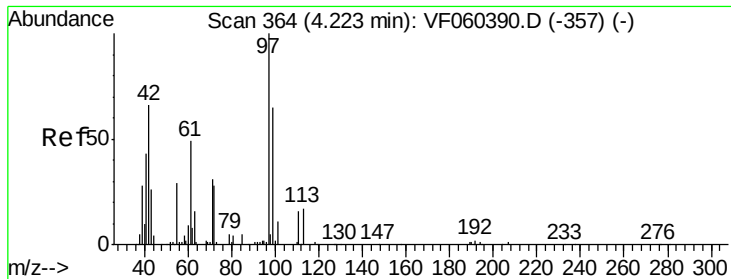


#28

Bromochloromethane  
 Concen: 21.264 ug/l  
 RT: 3.88 min Scan# 330  
 Delta R.T. 0.02 min  
 Lab File: VF060440.D  
 Acq: 4 Oct 2018 17:15

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 51549 |       |       |
| 129     | 1.5   | 0.0   | 4.6   |       |
| 130     | 84.5  | 67.3  | 100.9 |       |





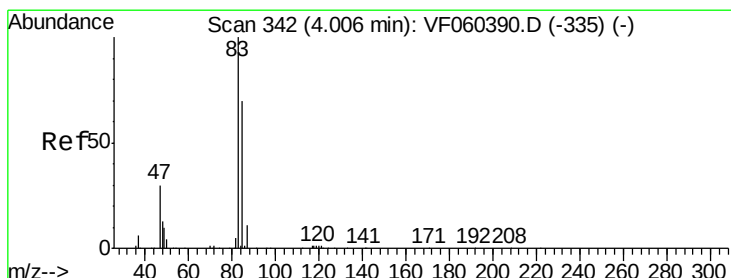
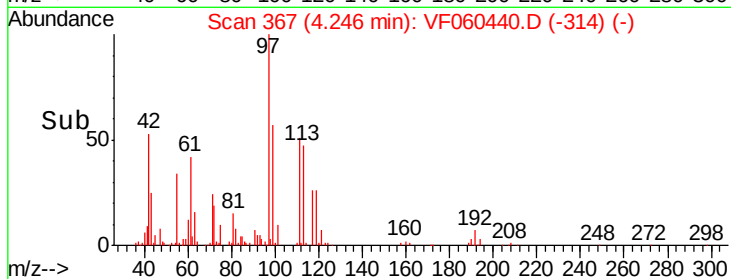
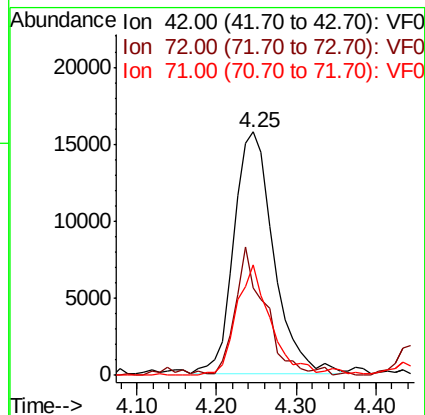
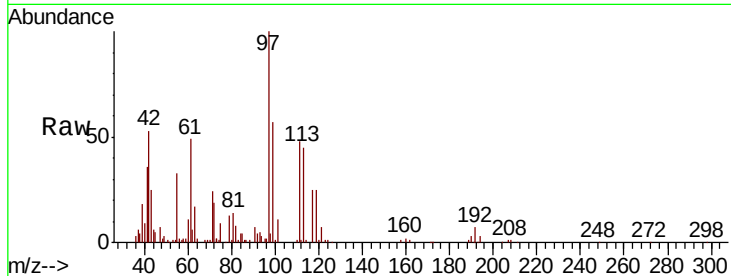
#29  
Tetrahydrofuran  
Concen: 126.280 ug/l  
RT: 4.25 min Scan# 367  
Delta R.T. 0.02 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1004SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 37.8  | 33.6  | 50.4  |
| 71      | 39.8  | 32.7  | 49.1  |

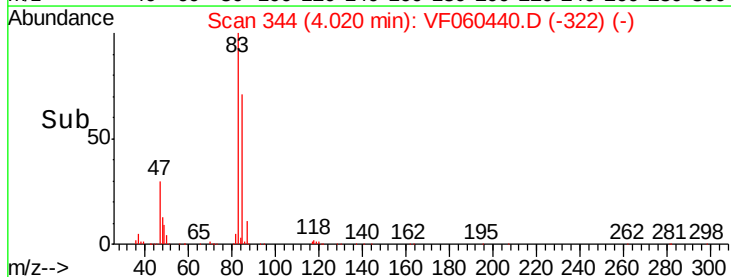
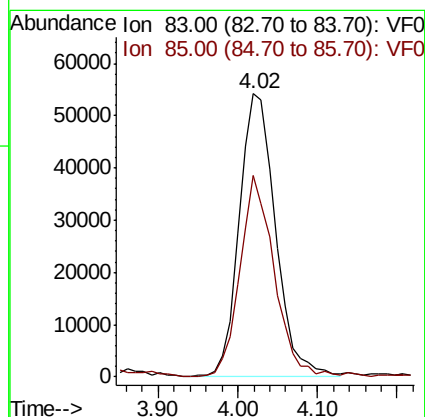
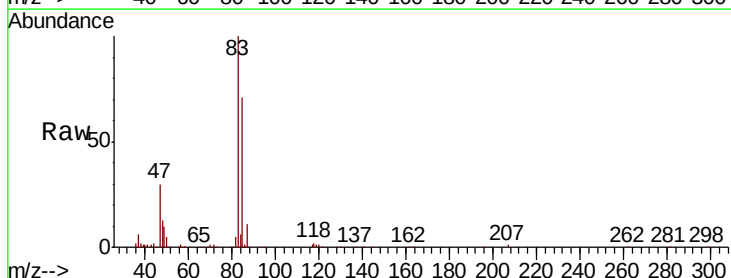
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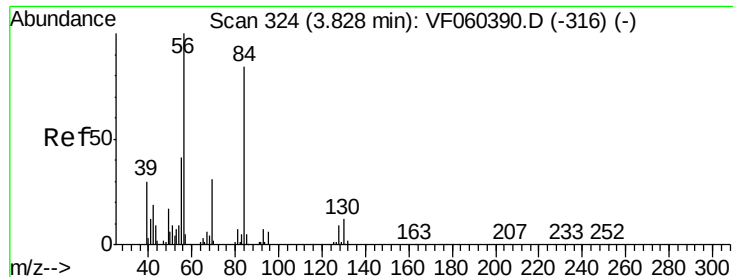
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#30  
Chloroform  
Concen: 20.853 ug/l  
RT: 4.02 min Scan# 344  
Delta R.T. 0.01 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 71.1  | 55.9  | 83.9  |





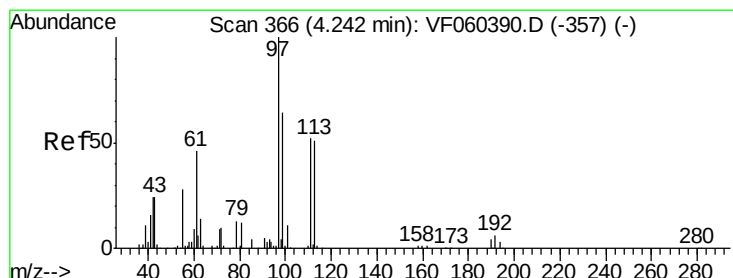
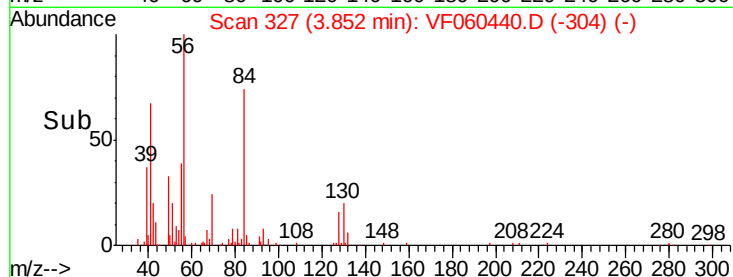
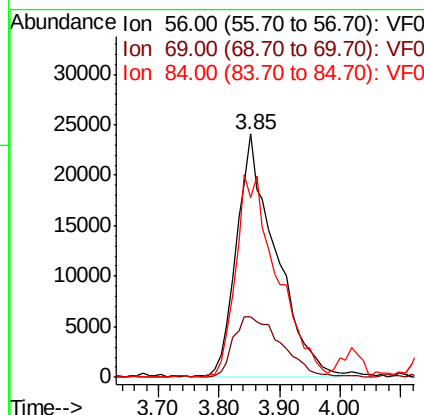
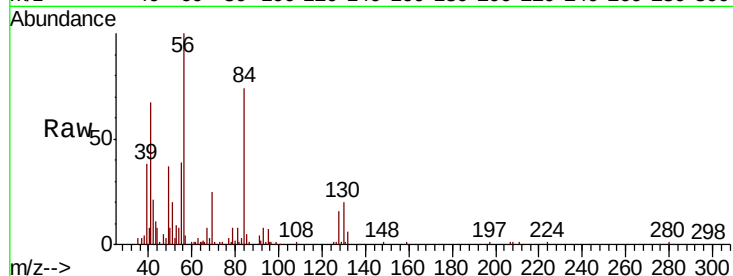
#31  
Cyclohexane  
Concen: 22.988 ug/l  
RT: 3.85 min Scan# 327  
Delta R.T. 0.02 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1004SBSD01

| Tot Ion   | 56   | Resp  | 108579 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 56        | 100  |       |        |
| 69        | 24.9 | 25.5  | 38.3#  |
| 84        | 73.5 | 67.4  | 101.0  |

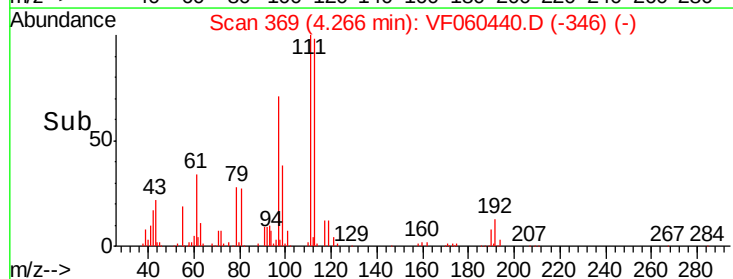
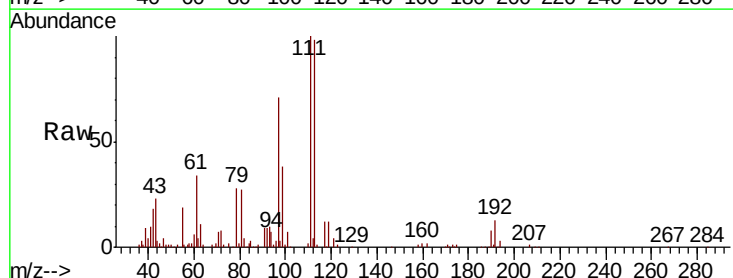
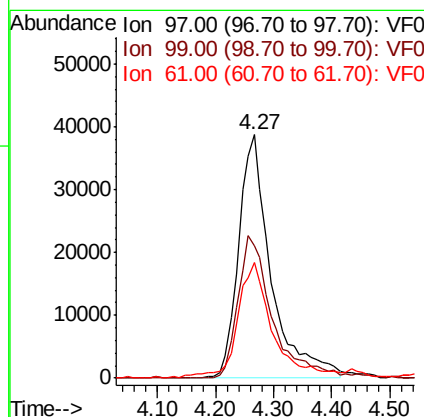
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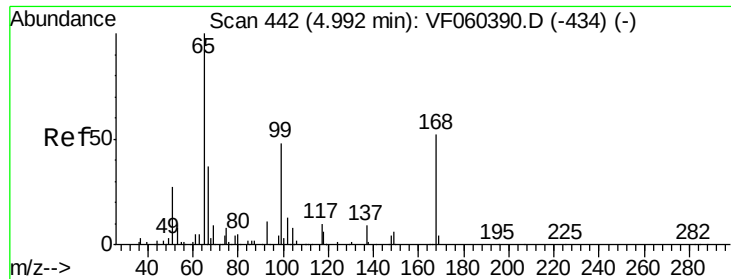
apatel  
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#32  
1,1,1-Trichloroethane  
Concen: 22.342 ug/l  
RT: 4.27 min Scan# 369  
Delta R.T. 0.02 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

| Tgt Ion   | 97   | Resp  | 150900 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 97        | 100  |       |        |
| 99        | 54.4 | 51.0  | 76.4   |
| 61        | 47.5 | 37.5  | 56.3   |





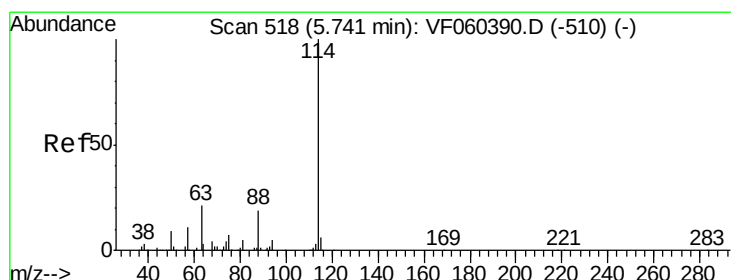
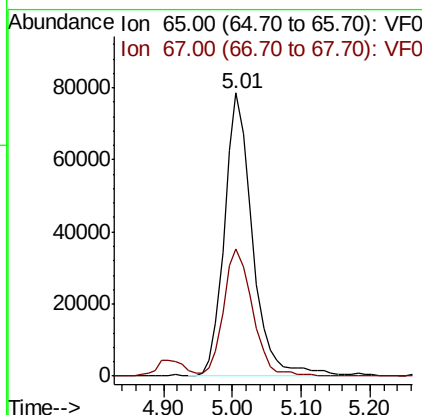
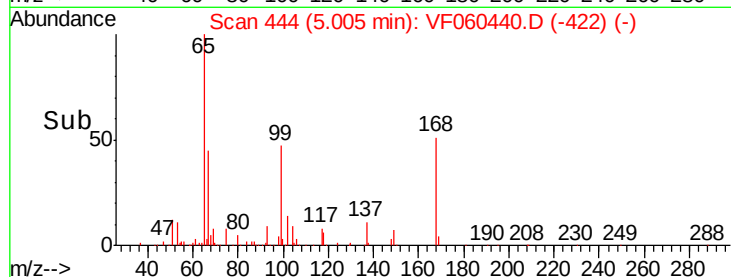
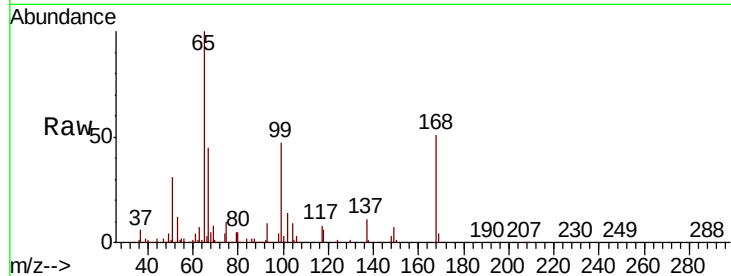
#33  
1,2-Dichloroethane-d4  
Concen: 51.374 ug/l  
RT: 5.01 min Scan# 444  
Delta R.T. 0.01 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1004SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 65      | 100   |       |       |
| 67      | 44.9  | 0.0   | 89.4  |

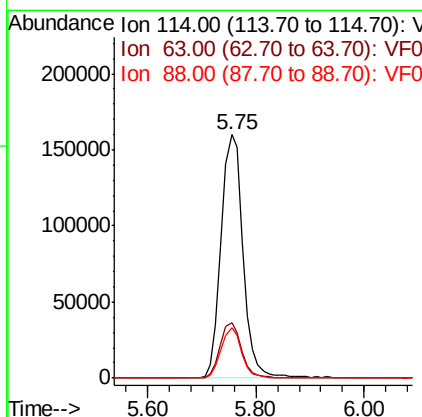
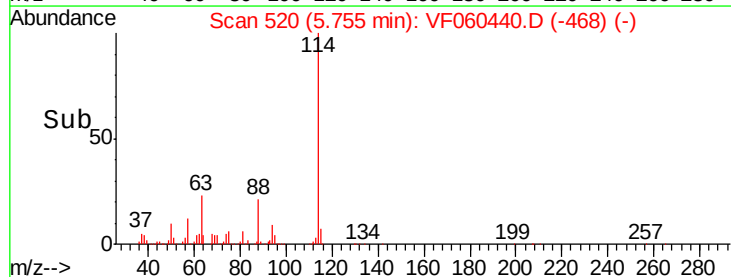
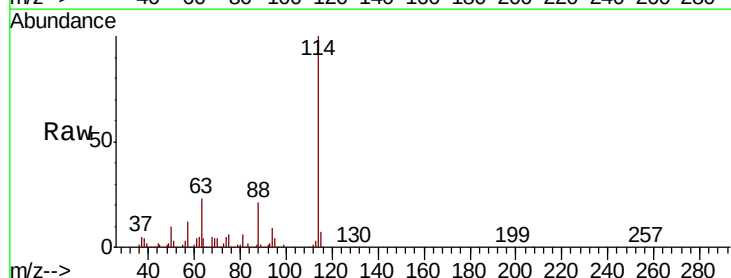
Manual Integrations  
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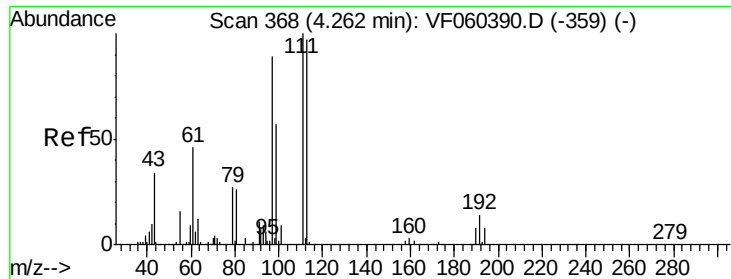
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#34  
1,4-Difluorobenzene  
Concen: 50.000 ug/l  
RT: 5.75 min Scan# 520  
Delta R.T. 0.01 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 114     | 100   |       |       |
| 63      | 22.9  | 0.0   | 42.2  |
| 88      | 20.6  | 0.0   | 38.8  |





#35

Dibromofluoromethane

Concen: 50.220 ug/l

RT: 4.28 min Scan# 370

Delta R.T. 0.01 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

Instrument :

MSVOA\_F

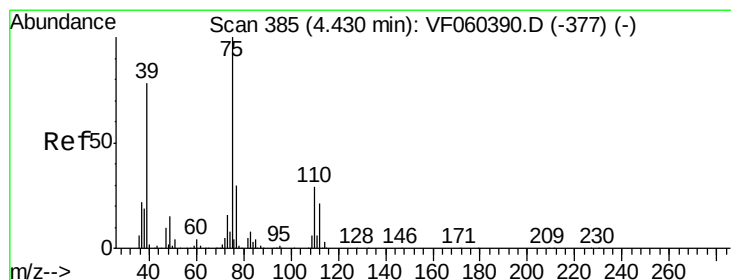
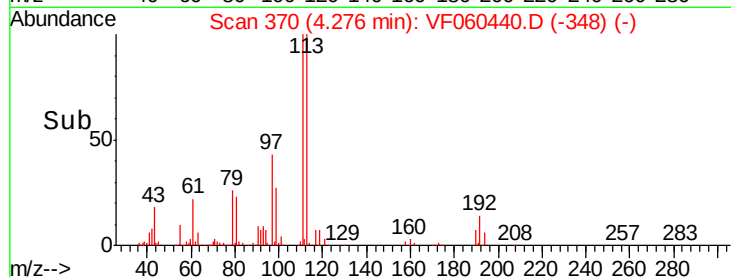
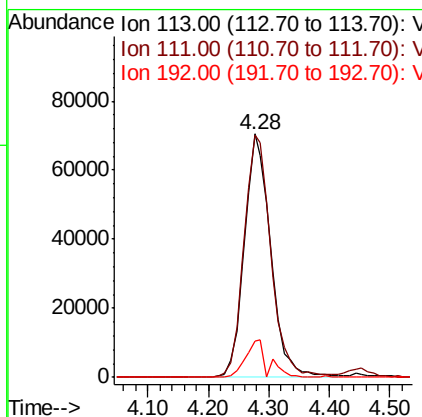
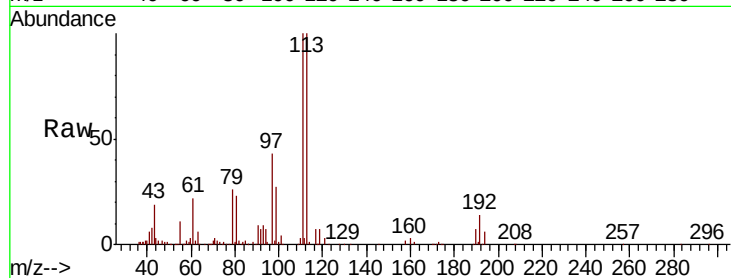
ClientSampleId :

VF1004SBSD01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 113   | Resp: | 212588 |
| Ion Ratio | Lower | Upper |        |
| 113       | 100   |       |        |
| 111       | 99.8  | 82.3  | 123.5  |
| 192       | 14.7  | 11.8  | 17.6   |

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#36

1,1-Dichloropropene

Concen: 20.518 ug/l

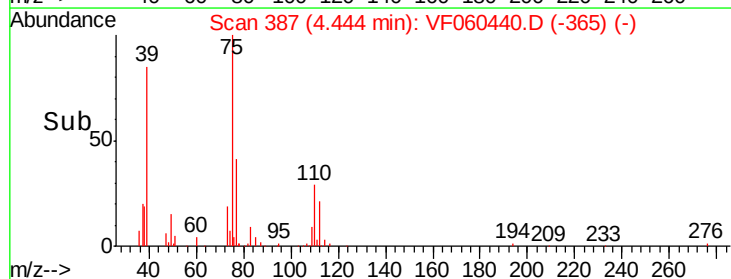
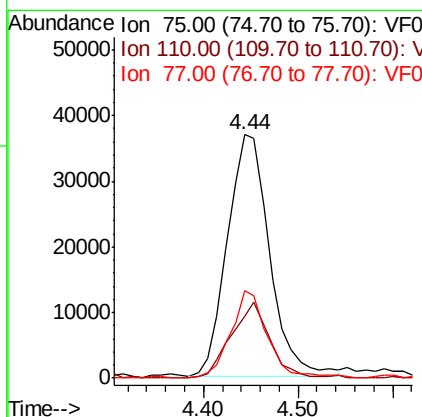
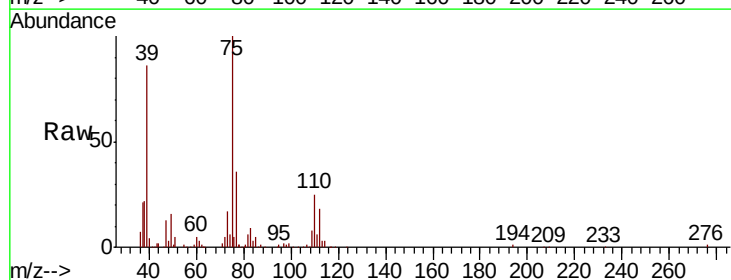
RT: 4.44 min Scan# 387

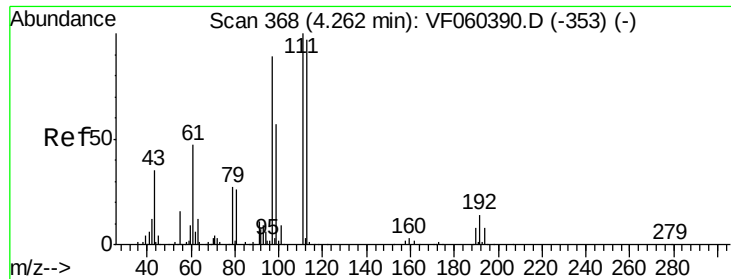
Delta R.T. 0.01 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 75    | Resp: | 113992 |
| Ion Ratio | Lower | Upper |        |
| 75        | 100   |       |        |
| 110       | 25.5  | 14.5  | 43.6   |
| 77        | 35.7  | 24.3  | 36.5   |





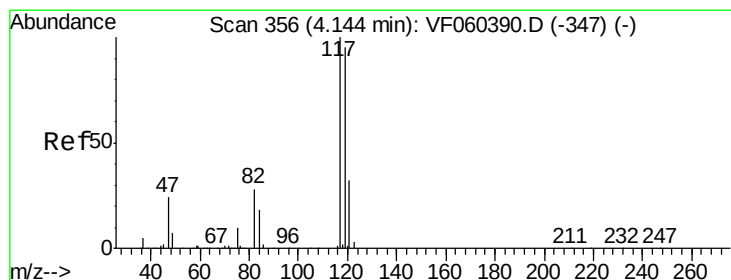
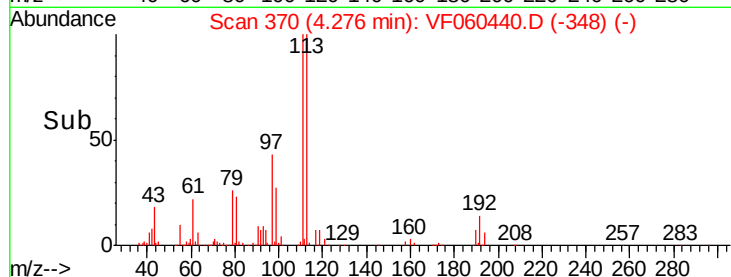
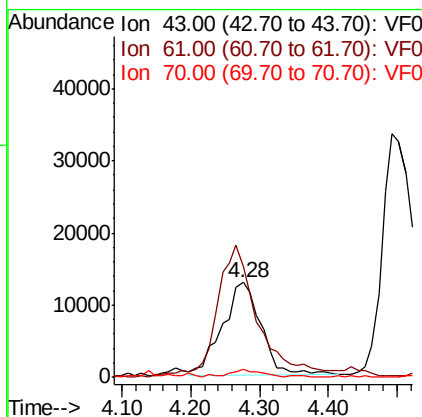
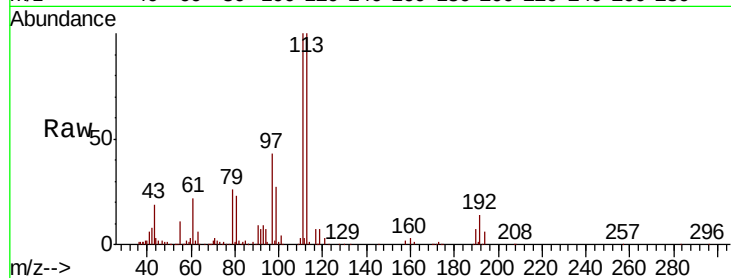
#37  
Ethyl Acetate  
Concen: 23.500 ug/l  
RT: 4.28 min Scan# 370  
Delta R.T. 0.01 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1004SBSD01

| Tot Ion   | 43    | Resp  | 49996 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 43        | 100   |       |       |
| 61        | 117.0 | 105.1 | 157.7 |
| 70        | 9.1   | 8.0   | 12.0  |

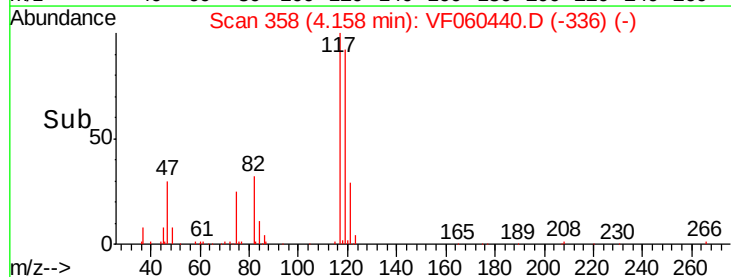
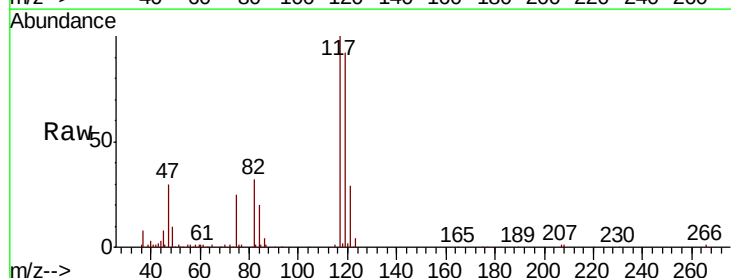
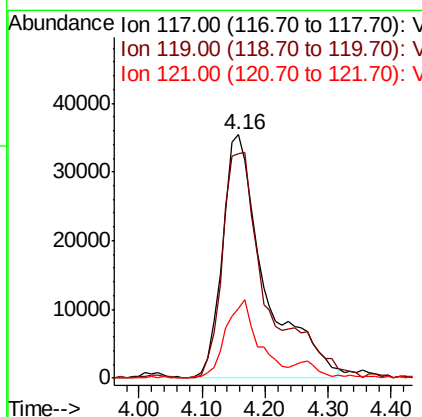
Manual Integrations  
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10/5/2018 12:26:30 PM

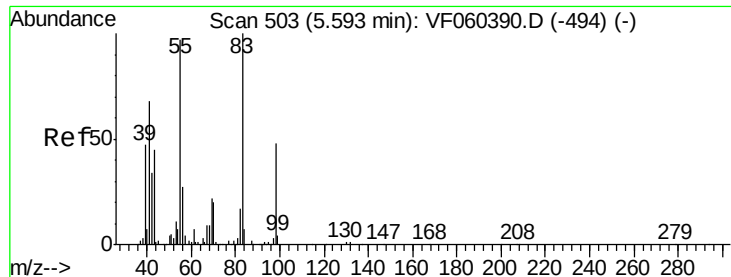


#38  
Carbon Tetrachloride  
Concen: 24.477 ug/l  
RT: 4.16 min Scan# 358  
Delta R.T. 0.01 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

| Tgt Ion   | 117  | Resp  | 165524 |
|-----------|------|-------|--------|
| Ion Ratio | 100  | Lower | Upper  |
| 117       | 100  |       |        |
| 119       | 92.2 | 75.5  | 113.3  |
| 121       | 28.6 | 25.4  | 38.0   |







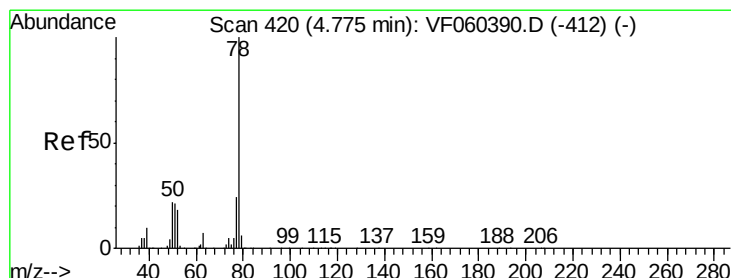
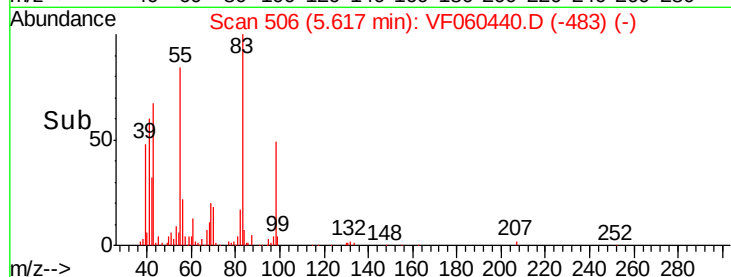
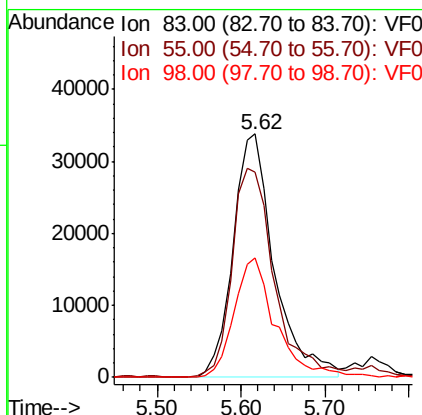
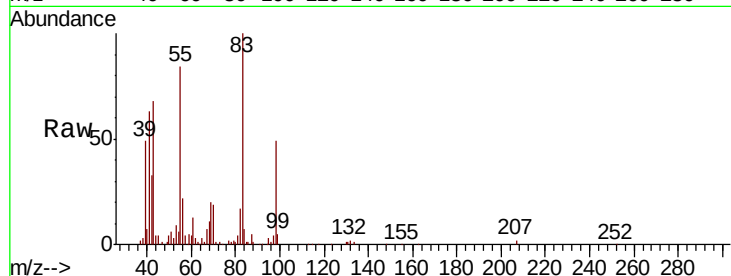
#39  
Methylvlcyclohexane  
Concen: 21.173 ug/l  
RT: 5.62 min Scan# 506  
Delta R.T. 0.02 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1004SBSD01

| Tot Ion   | 83.00 | Resp  | 115316 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 55        | 84.5  | 77.5  | 116.3  |
| 98        | 48.8  | 38.7  | 58.1   |

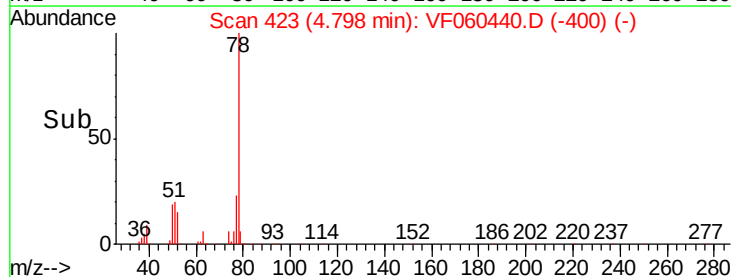
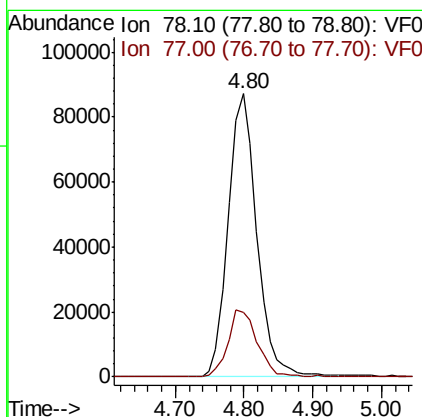
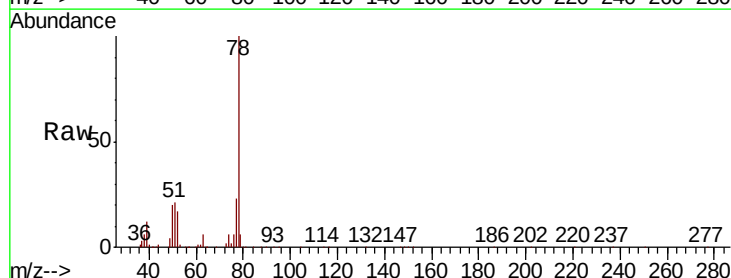
Manual Integrations  
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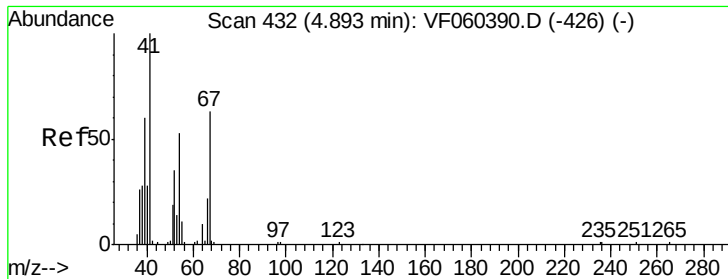
apatel  
10/5/2018 12:26:30 PM



#40  
Benzene  
Concen: 22.807 ug/l  
RT: 4.80 min Scan# 423  
Delta R.T. 0.02 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

| Tgt Ion   | 78    | Resp  | 251533 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 78        | 100   |       |        |
| 77        | 22.7  | 19.2  | 28.8   |





#41

Methacrylonitrile

Concen: 23.373 ug/l

RT: 4.91 min Scan# 434

Delta R.T. 0.01 min

Lab File: VF060440.D

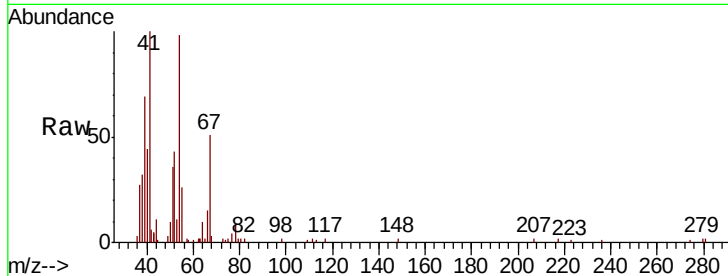
Acq: 4 Oct 2018 17:15

| Tot Ion   | 41    | Resp  | 26365 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 39        | 68.6  | 55.0  | 82.4  |
| 67        | 51.3  | 49.6  | 74.4  |
| 52        | 43.5  | 38.8  | 58.2  |

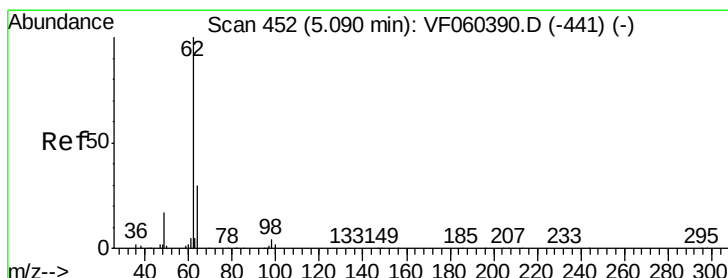
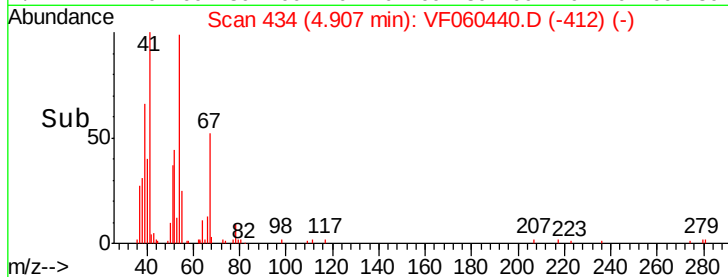
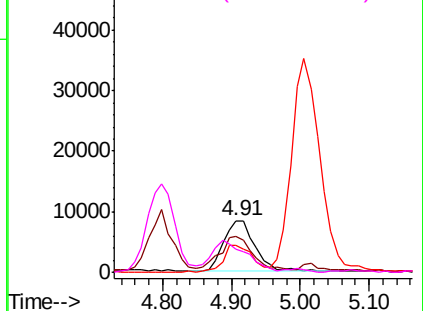
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1004SBSD01

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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



#42

1,2-Dichloroethane

Concen: 22.225 ug/l

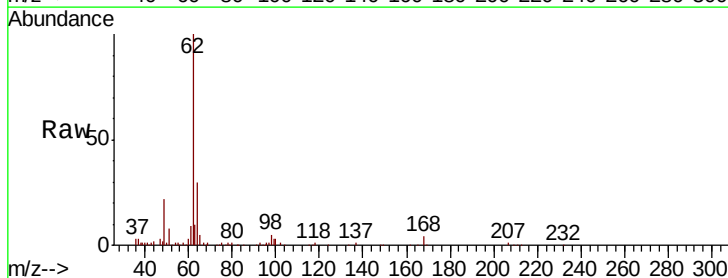
RT: 5.10 min Scan# 454

Delta R.T. 0.01 min

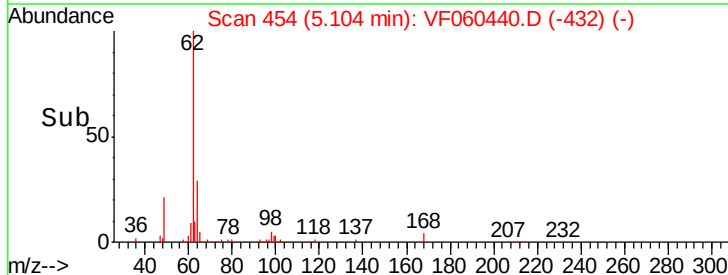
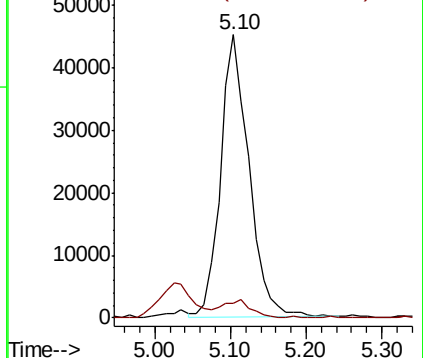
Lab File: VF060440.D

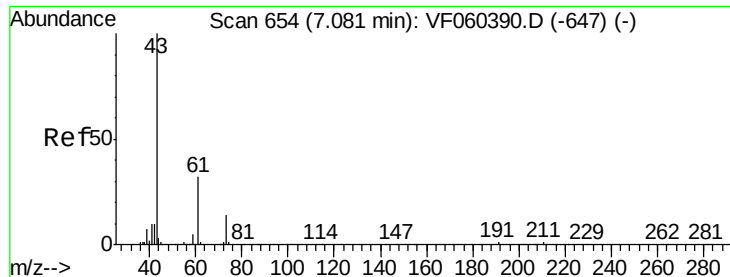
Acq: 4 Oct 2018 17:15

| Tgt Ion   | 62    | Resp  | 116942 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 62        | 100   |       |        |
| 98        | 5.1   | 0.0   | 11.2   |



Abundance Ion 62.00 (61.70 to 62.70): VF0  
Ion 98.00 (97.70 to 98.70): VF0





#43

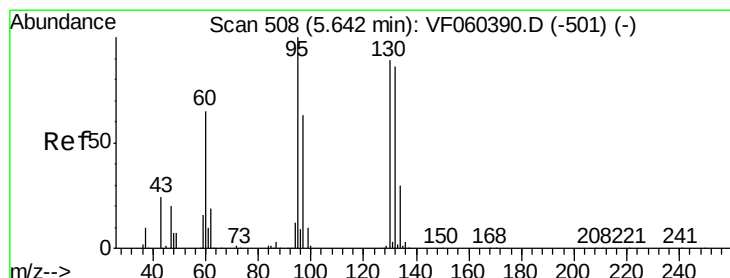
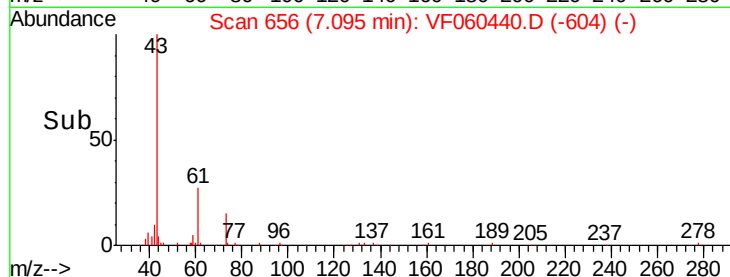
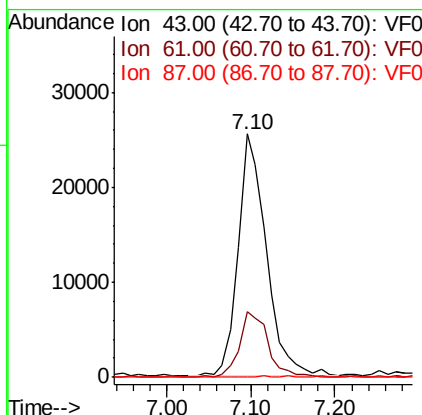
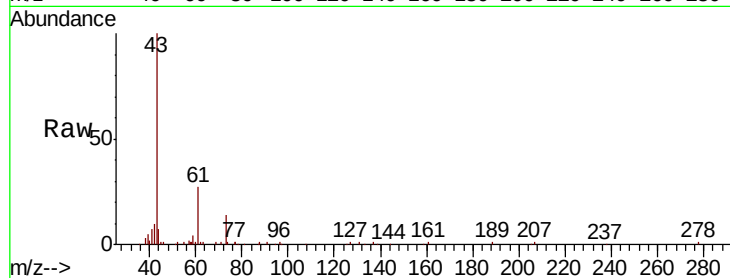
Isopropyl Acetate  
 Concen: 22.895 ug/l  
 RT: 7.10 min Scan# 656  
 Delta R.T. 0.01 min  
 Lab File: VF060440.D  
 Acq: 4 Oct 2018 17:15

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF1004SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 27.1  | 25.4  | 38.2  |
| 87      | 0.4   | 0.3   | 0.5   |

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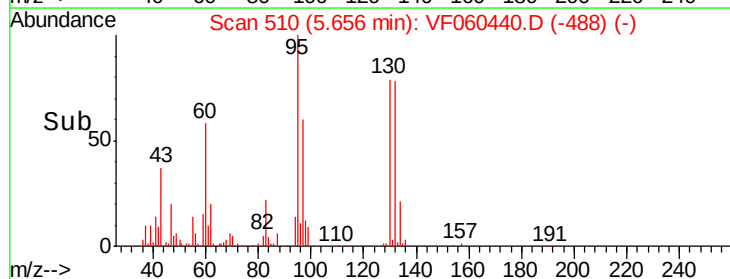
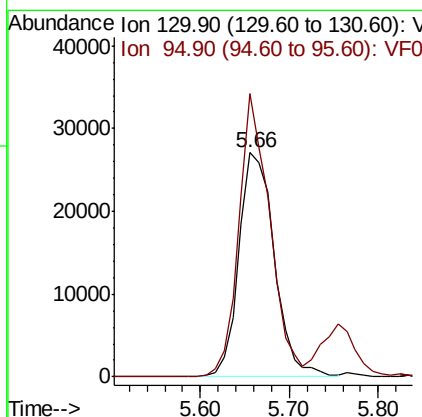
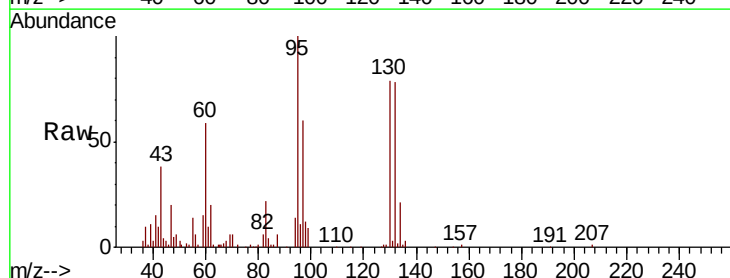
apatel  
 10/5/2018 12:26:30 PM

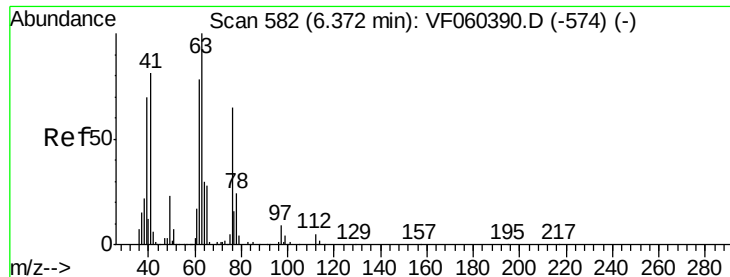


#44

Trichloroethene  
 Concen: 21.173 ug/l  
 RT: 5.66 min Scan# 510  
 Delta R.T. 0.01 min  
 Lab File: VF060440.D  
 Acq: 4 Oct 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 126.3 | 0.0   | 224.4 |





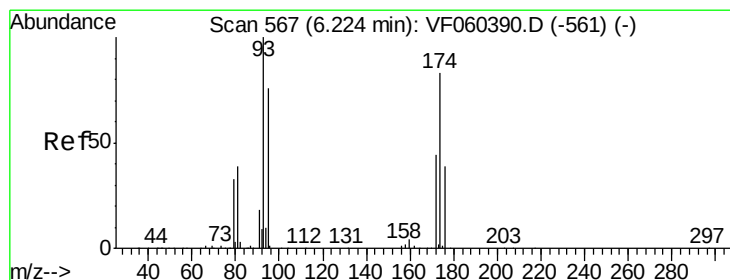
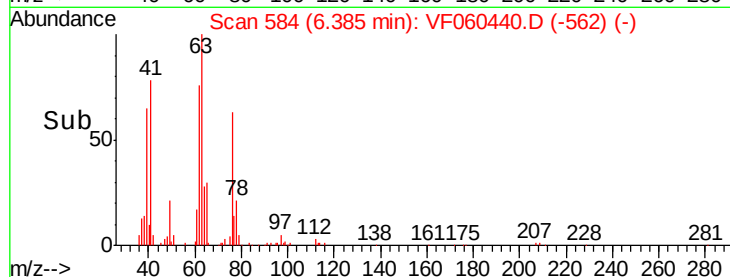
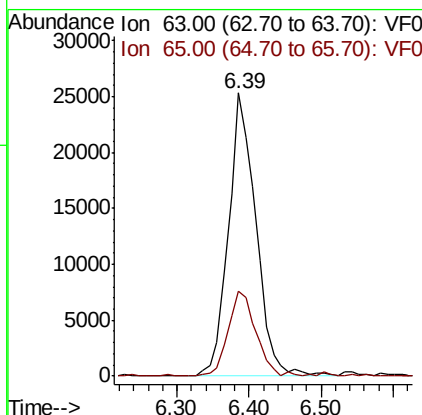
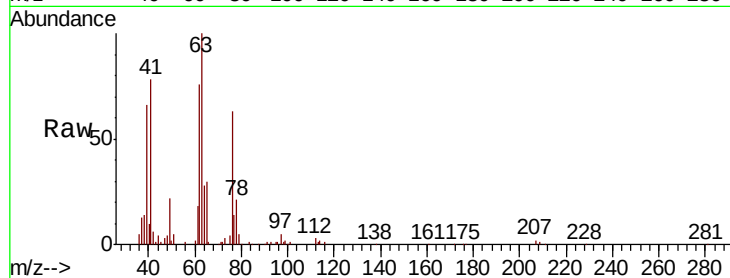
#45  
 1,2-Dichloropropane  
 Concen: 22.868 ug/l  
 RT: 6.39 min Scan# 584  
 Delta R.T. 0.01 min  
 Lab File: VF060440.D  
 Acq: 4 Oct 2018 17:15

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF1004SBSD01

| Tot Ion   | 63    | Resp  | 67165 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 63        | 100   |       |       |
| 65        | 30.2  | 22.7  | 34.1  |

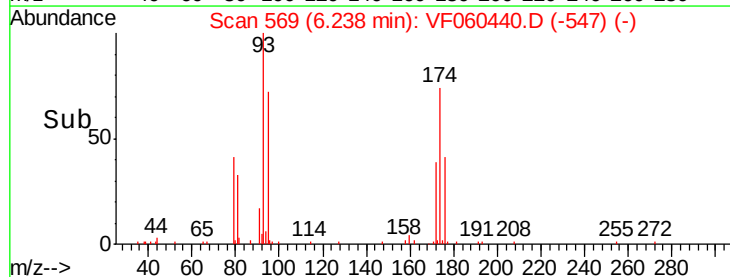
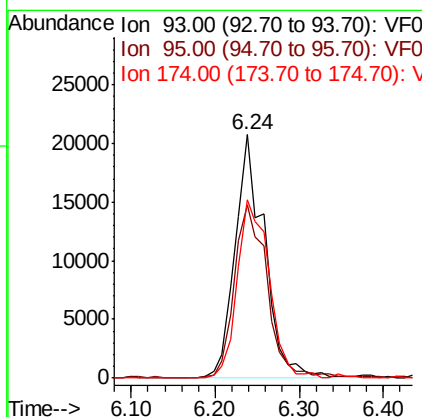
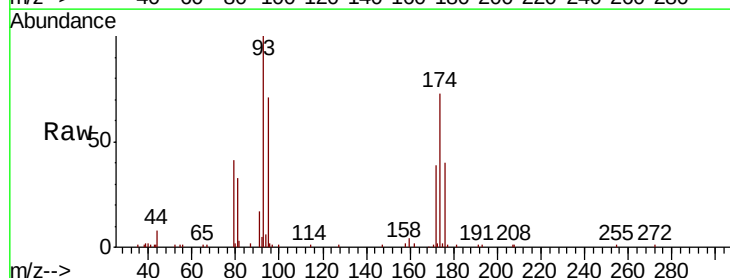
Manual Integrations  
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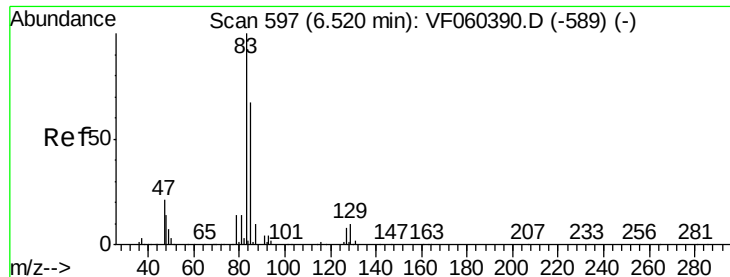
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#46  
 Dibromomethane  
 Concen: 21.423 ug/l  
 RT: 6.24 min Scan# 569  
 Delta R.T. 0.01 min  
 Lab File: VF060440.D  
 Acq: 4 Oct 2018 17:15

| Tgt Ion   | 93    | Resp  | 50589 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 93        | 100   |       |       |
| 95        | 72.9  | 61.1  | 91.7  |
| 174       | 73.5  | 66.7  | 100.1 |





#47

Bromodichloromethane

Concen: 21.675 ug/l

RT: 6.53 min Scan# 599

Delta R.T. 0.01 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

Instrument :

MSVOA\_F

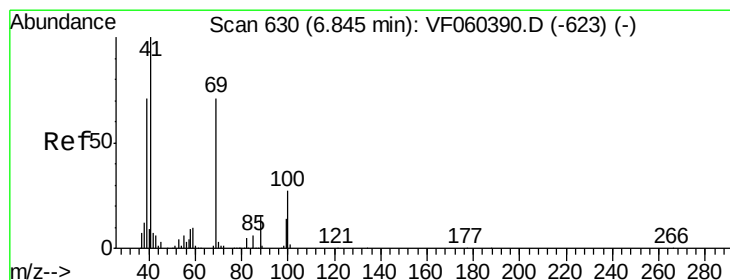
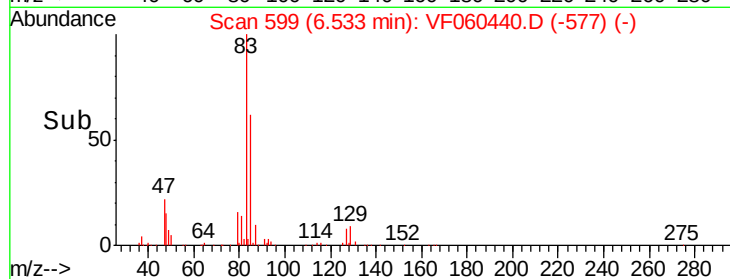
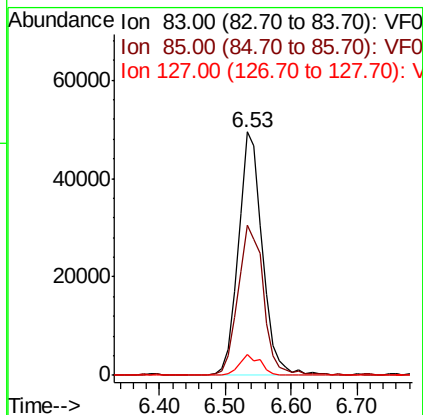
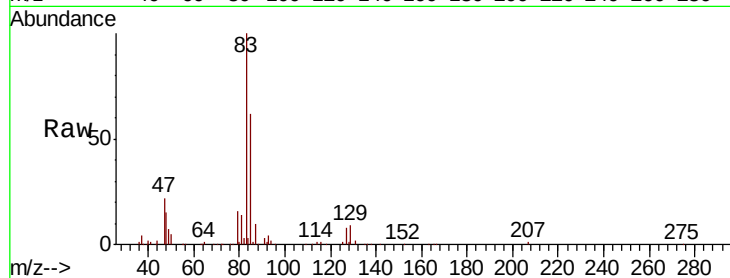
ClientSampleId :

VF1004SBS01

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 126767 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 61.6  | 53.2  | 79.8   |
| 127       | 8.3   | 6.6   | 9.8    |

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#48

Methyl methacrylate

Concen: 21.378 ug/l

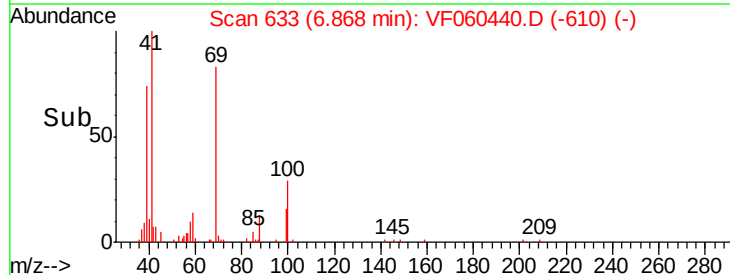
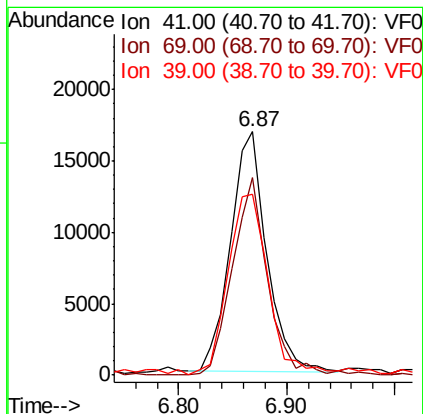
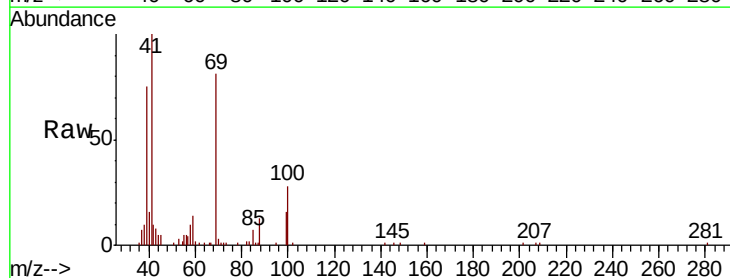
RT: 6.87 min Scan# 633

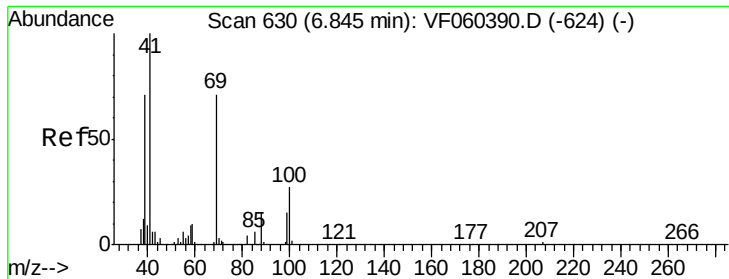
Delta R.T. 0.02 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 39454 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 81.1  | 56.3  | 84.5  |
| 39        | 74.5  | 56.9  | 85.3  |





#49

1,4-Dioxane

Concen: 519.587 ug/l

RT: 6.85 min Scan# 631

Delta R.T. 0.00 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

Instrument :

MSVOA\_F

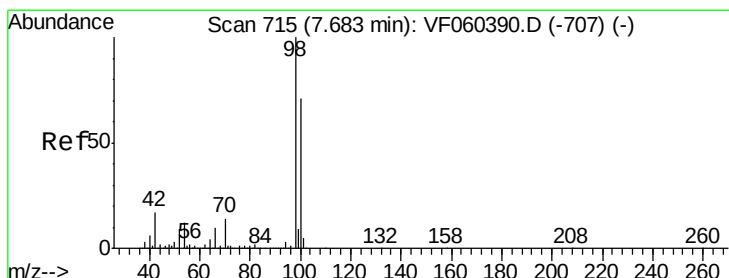
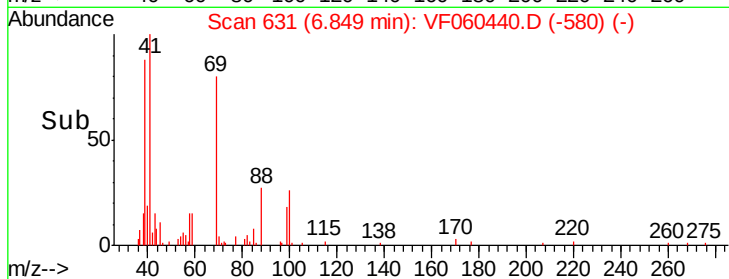
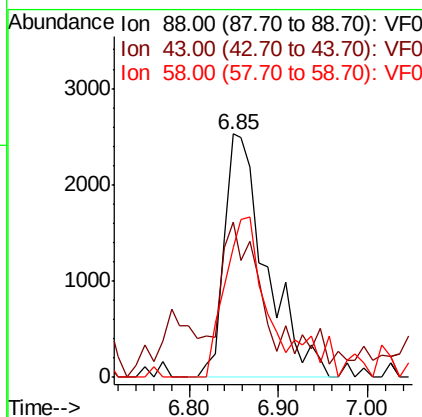
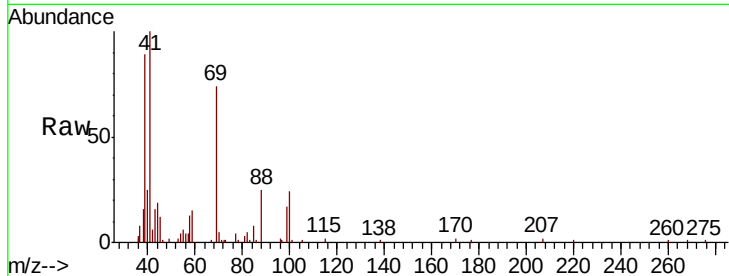
ClientSampleId :

VF1004SBSD01

| Tot Ion | 88    | Resp  | 8268  |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 63.7  | 38.3  | 57.5# |
| 58      | 53.4  | 47.4  | 71.2  |

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#50

Toluene-d8

Concen: 51.167 ug/l

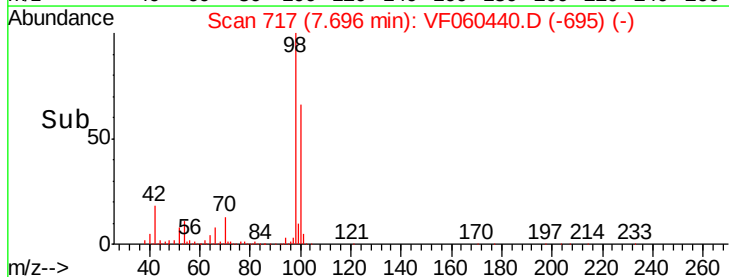
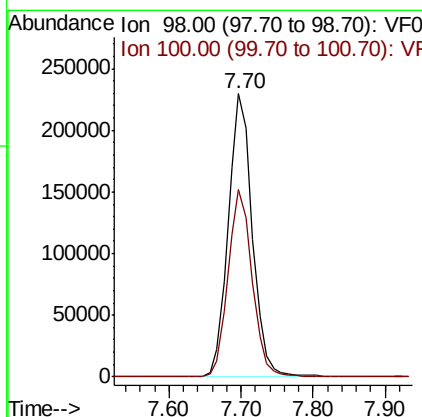
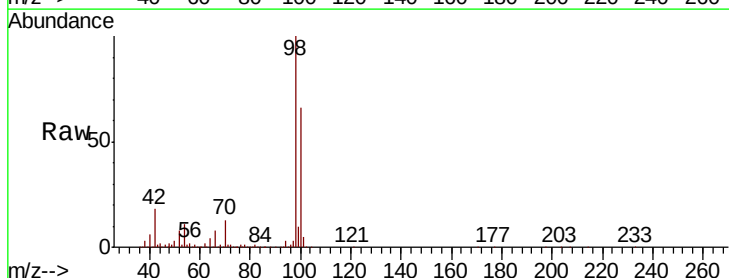
RT: 7.70 min Scan# 717

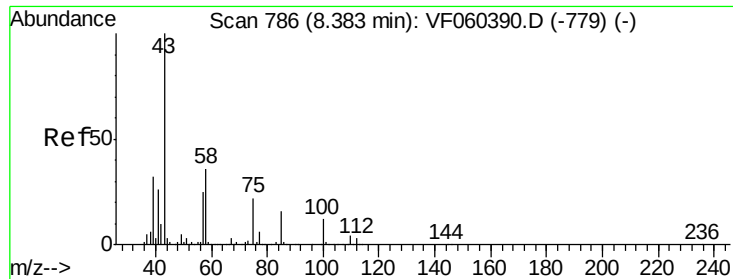
Delta R.T. 0.01 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

| Tgt Ion | 98    | Resp  | 533441 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 66.0  | 56.5  | 84.7   |





#51

4-Methyl-2-Pentanone

Concen: 125.780 ug/l

RT: 8.40 min Scan# 788

Delta R.T. 0.01 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

Instrument :

MSVOA\_F

ClientSampleId :

VF1004SBSD01

Tot Ion: 43 Resp: 230196

Ion Ratio Lower Upper

43 100

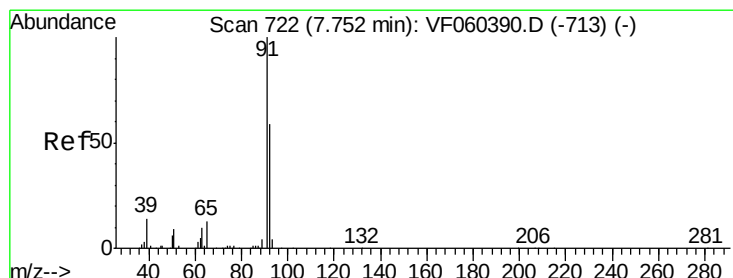
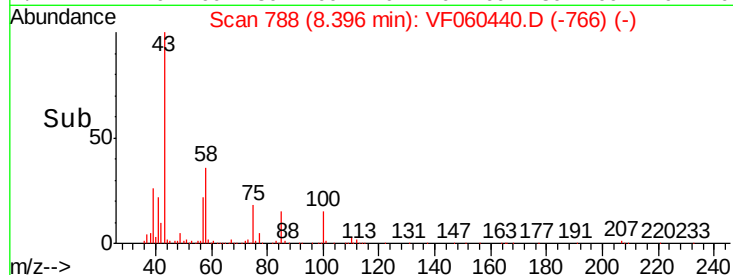
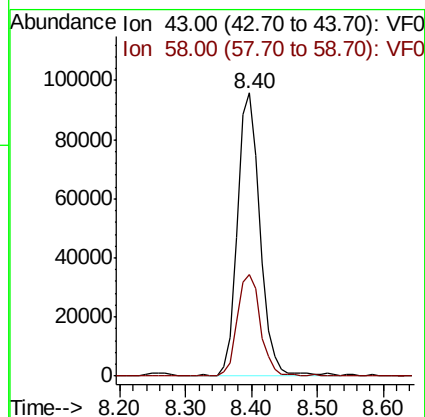
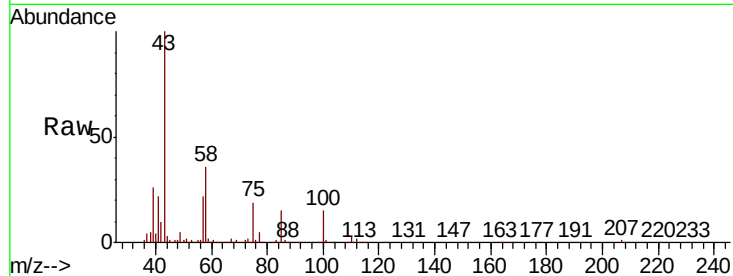
58 35.9 28.5 42.7

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#52

Toluene

Concen: 21.291 ug/l

RT: 7.77 min Scan# 724

Delta R.T. 0.01 min

Lab File: VF060440.D

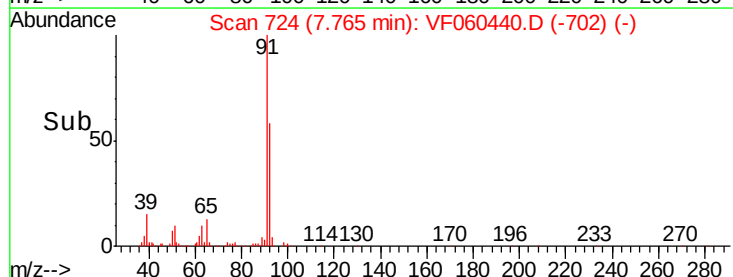
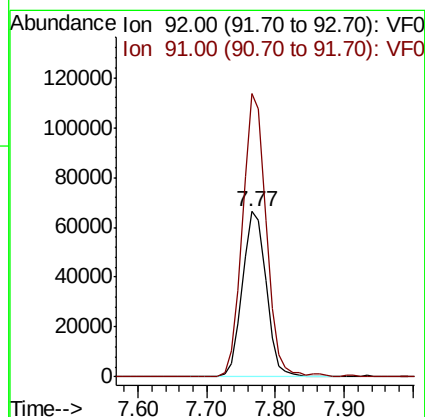
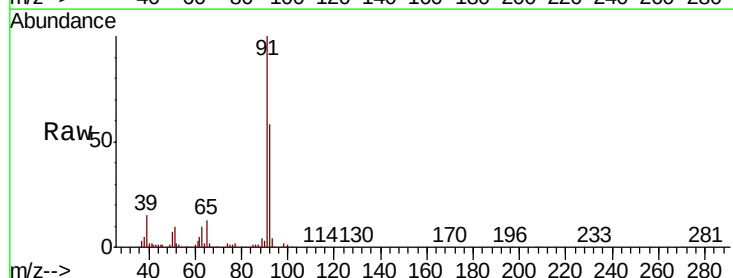
Acq: 4 Oct 2018 17:15

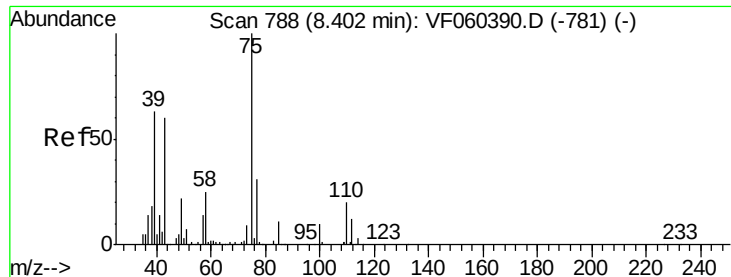
Tgt Ion: 92 Resp: 159495

Ion Ratio Lower Upper

92 100

91 171.5 135.4 203.0





#53

t-1,3-Dichloropropene

Concen: 21.574 ug/l

RT: 8.42 min Scan# 790

Delta R.T. 0.01 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

Instrument :

MSVOA\_F

ClientSampleId :

VF1004SBSD01

Tot Ion: 75 Resp: 98881

Ion Ratio Lower Upper

75 100

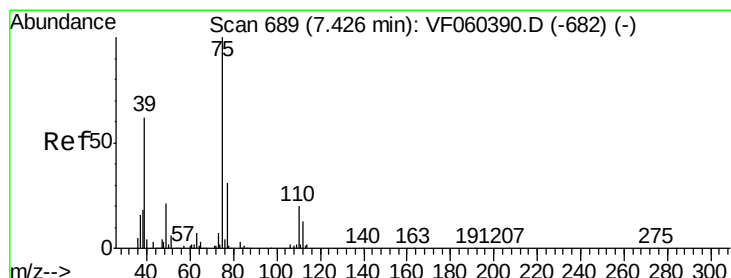
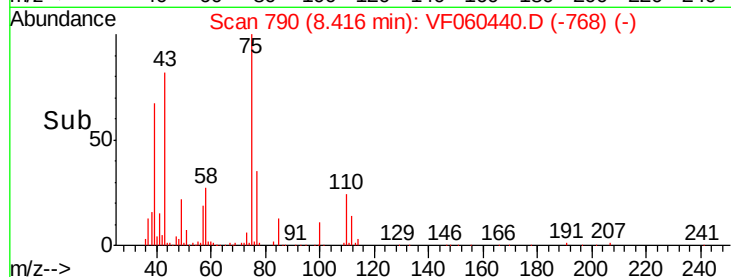
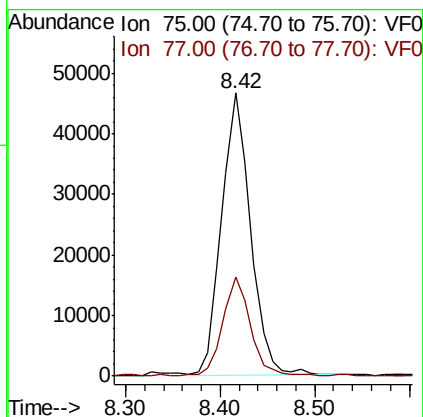
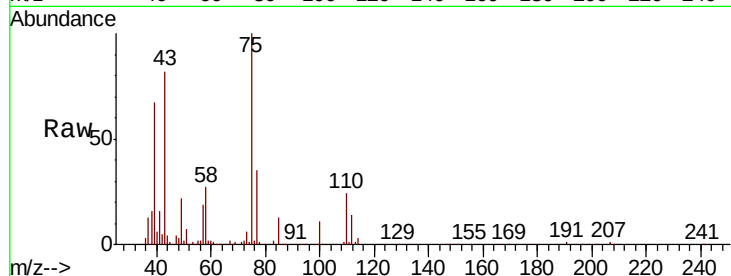
77 35.0 24.6 36.8

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#54

cis-1,3-Dichloropropene

Concen: 22.813 ug/l

RT: 7.45 min Scan# 692

Delta R.T. 0.02 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

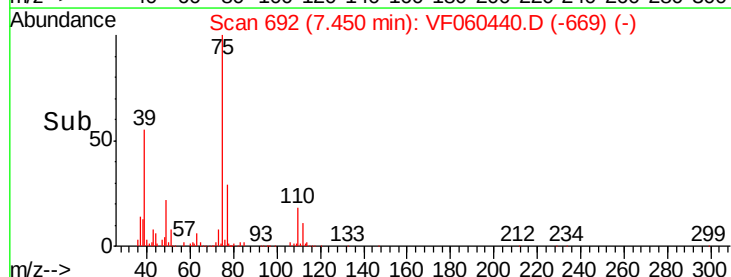
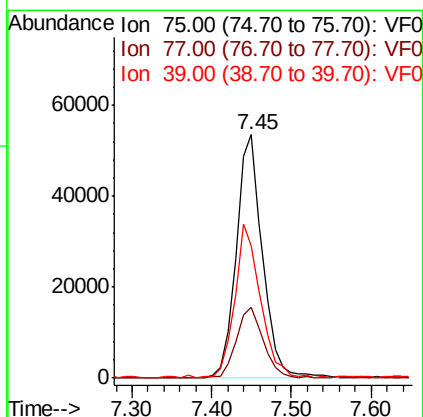
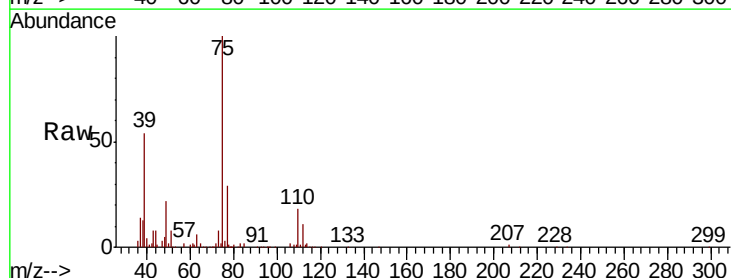
Tgt Ion: 75 Resp: 122203

Ion Ratio Lower Upper

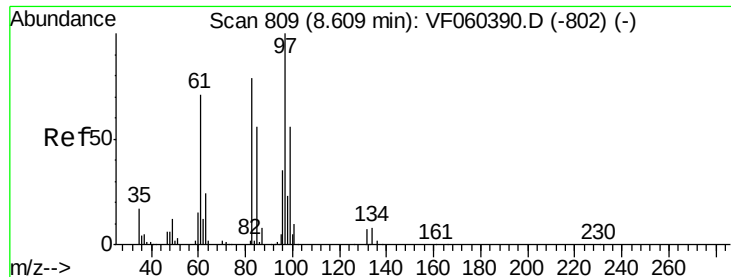
75 100

77 29.2 25.2 37.8

39 54.4 49.7 74.5







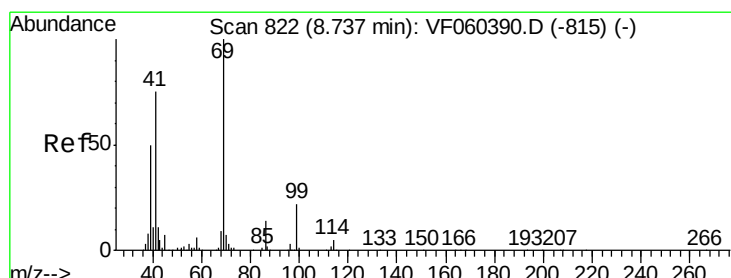
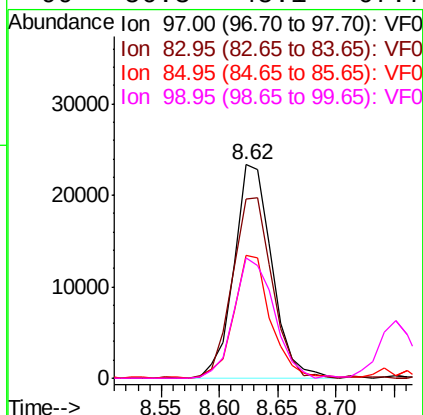
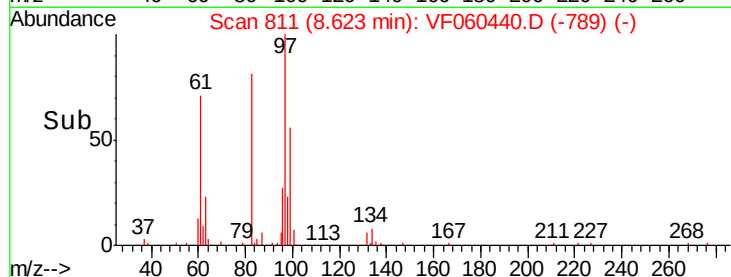
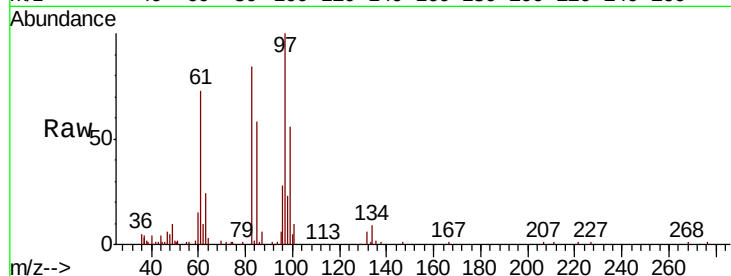
#55  
 1,1,2-Trichloroethane  
 Concen: 22.197 ug/l  
 RT: 8.62 min Scan# 811  
 Delta R.T. 0.01 min  
 Lab File: VF060440.D  
 Acq: 4 Oct 2018 17:15

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF1004SBSD01

| Tot Ion | 97    | Resp  | 52705 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 97      | 100   |       |       |
| 83      | 83.9  | 63.4  | 95.0  |
| 85      | 57.6  | 44.5  | 66.7  |
| 99      | 56.3  | 45.1  | 67.7  |

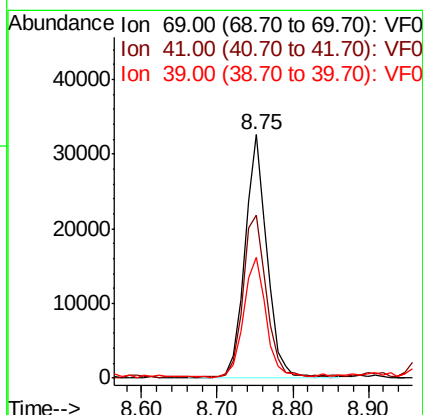
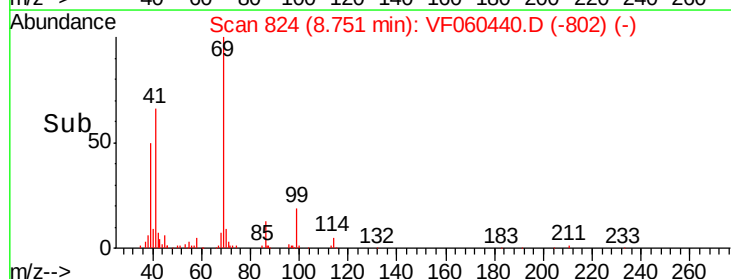
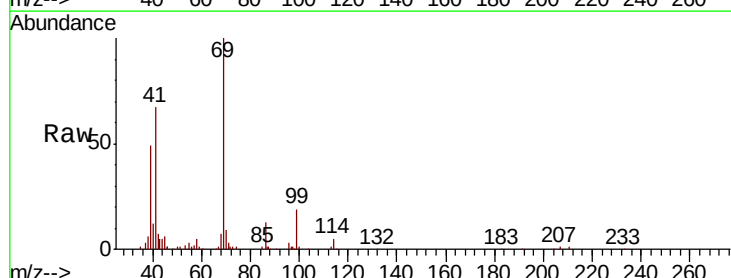
Manual Integrations  
 APPROVED

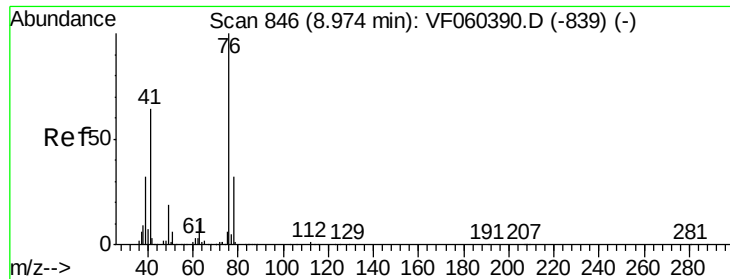
apatel  
 10/5/2018 12:26:30 PM



#56  
 Ethyl methacrylate  
 Concen: 24.412 ug/l  
 RT: 8.75 min Scan# 824  
 Delta R.T. 0.01 min  
 Lab File: VF060440.D  
 Acq: 4 Oct 2018 17:15

| Tgt Ion | 69    | Resp  | 65869 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 69      | 100   |       |       |
| 41      | 67.0  | 60.2  | 90.4  |
| 39      | 49.3  | 40.2  | 60.2  |





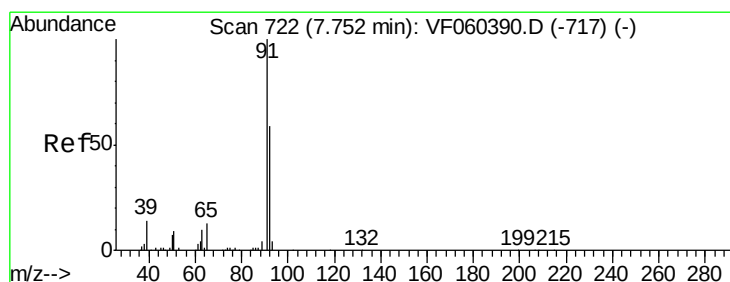
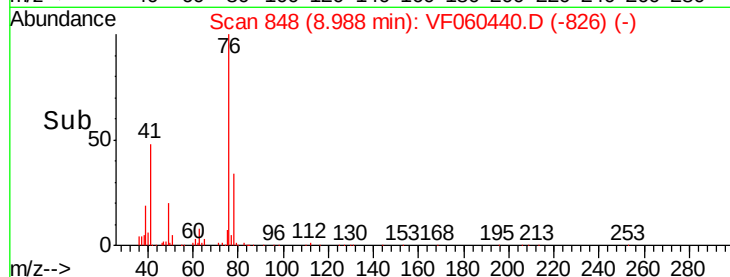
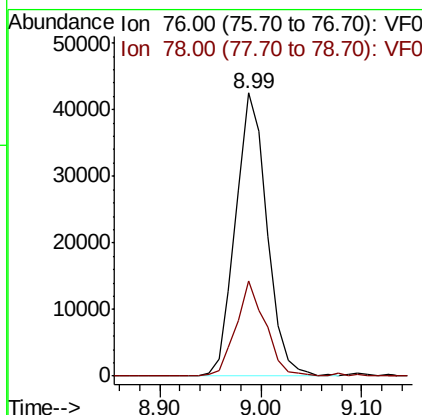
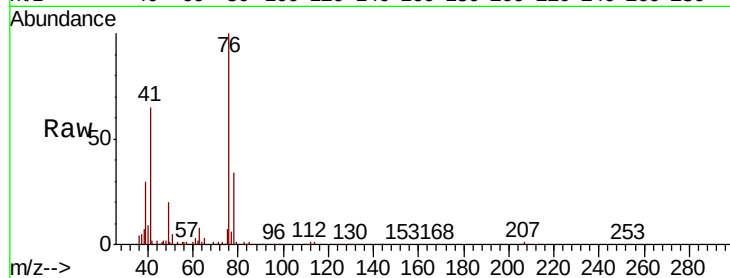
#57  
 1,3-Dichloropropane  
 Concen: 22.983 ug/l  
 RT: 8.99 min Scan# 848  
 Delta R.T. 0.01 min  
 Lab File: VF060440.D  
 Acq: 4 Oct 2018 17:15

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF1004SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 33.7  | 25.3  | 37.9  |

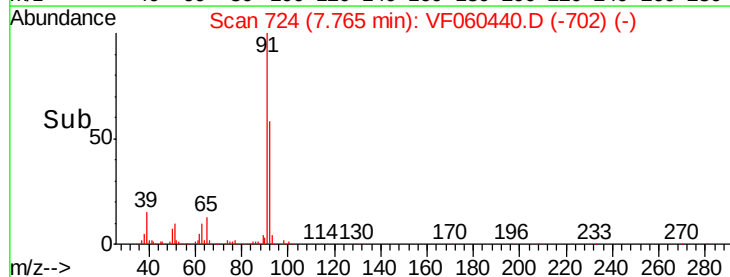
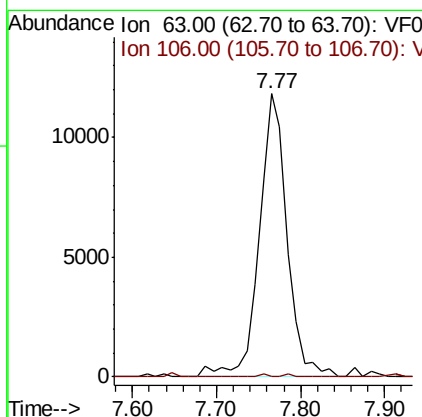
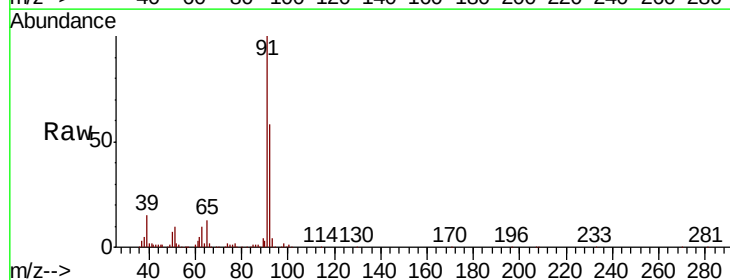
Manual Integrations  
 APPROVED

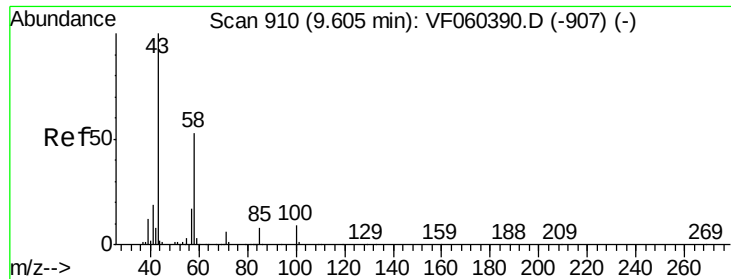
apatel  
 10/5/2018 12:26:30 PM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 100.035 ug/l  
 RT: 7.77 min Scan# 724  
 Delta R.T. 0.01 min  
 Lab File: VF060440.D  
 Acq: 4 Oct 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 0.0   | 0.0   | 0.0   |





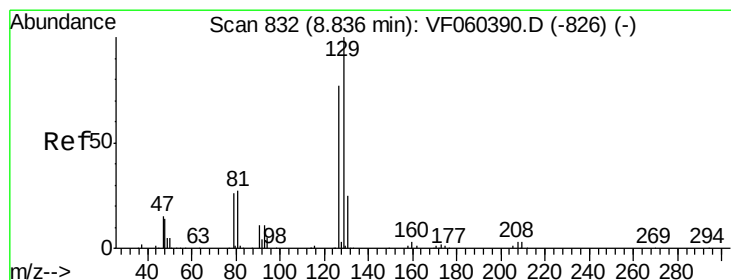
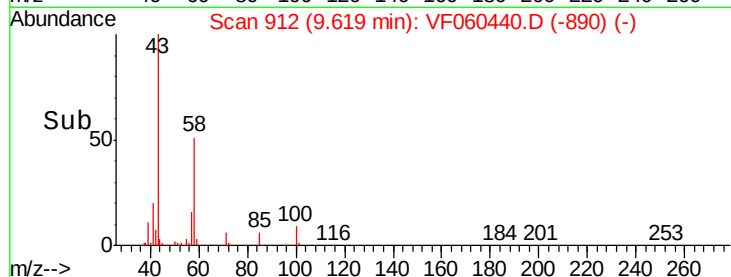
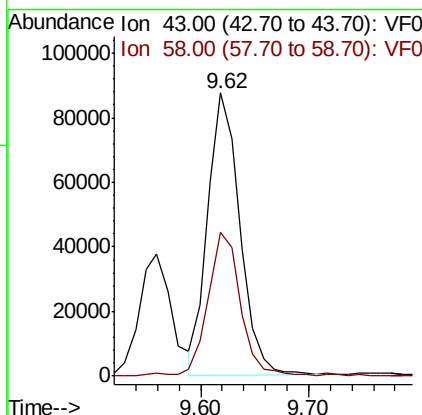
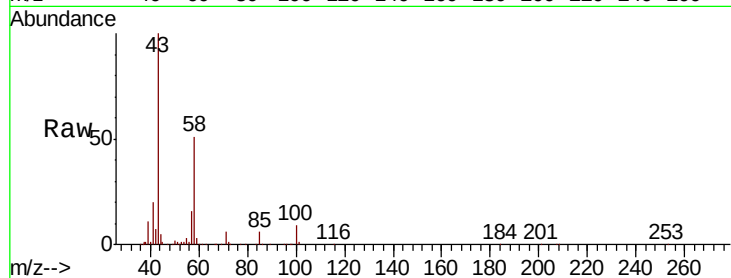
#59  
2-Hexanone  
Concen: 134.598 ug/l  
RT: 9.62 min Scan# 912  
Delta R.T. 0.01 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1004SBSD01

Tot Ion: 43 Resp: 180683  
Ion Ratio Lower Upper  
43 100  
58 51.0 25.6 76.6

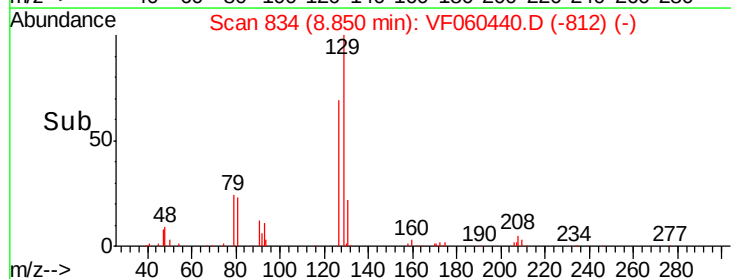
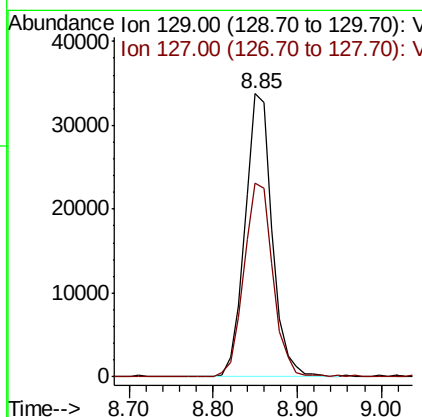
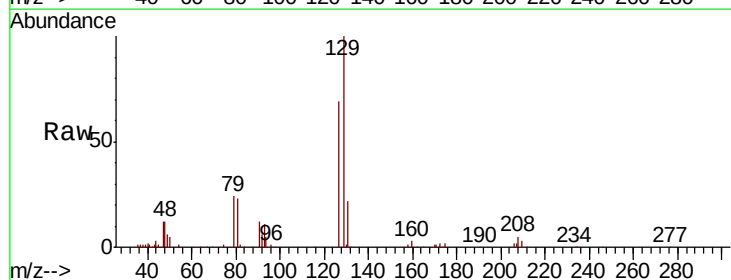
Manual Integrations  
APPROVED

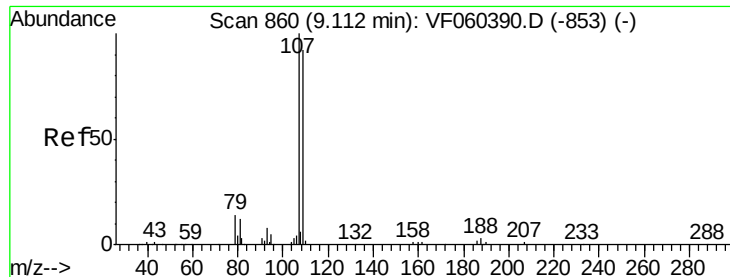
apatel  
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#60  
Dibromochloromethane  
Concen: 21.295 ug/l  
RT: 8.85 min Scan# 834  
Delta R.T. 0.01 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

Tgt Ion: 129 Resp: 76131  
Ion Ratio Lower Upper  
129 100  
127 68.5 38.3 114.8





#61

1,2-Dibromoethane

Concen: 21.962 ug/l

RT: 9.13 min Scan# 862

Delta R.T. 0.01 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

Instrument :

MSVOA\_F

ClientSampleId :

VF1004SBSD01

Tot Ion:107 Resp: 57062

Ion Ratio Lower Upper

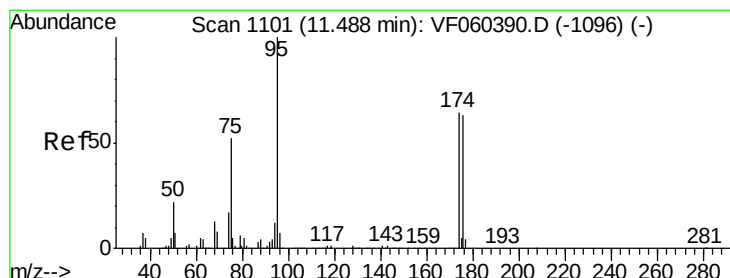
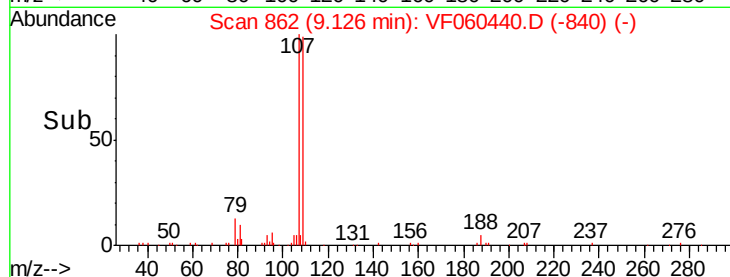
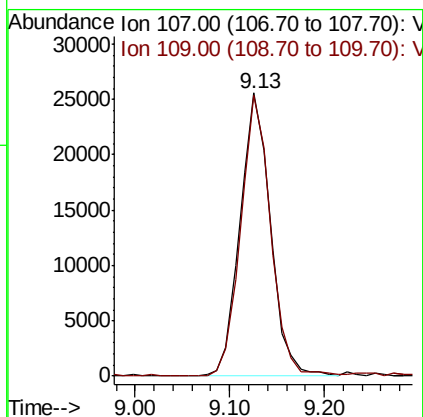
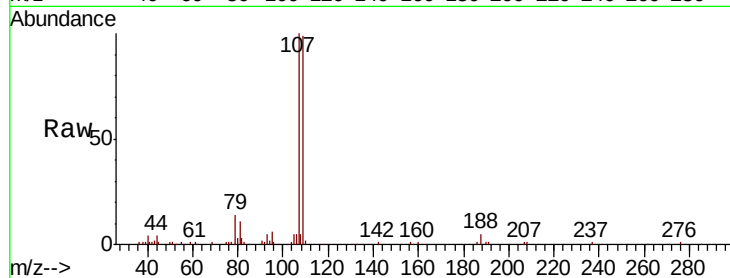
107 100

109 99.1 73.7 110.5

Manual Integrations  
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#62

4-Bromofluorobenzene

Concen: 48.280 ug/l

RT: 11.50 min Scan# 1103

Delta R.T. 0.01 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

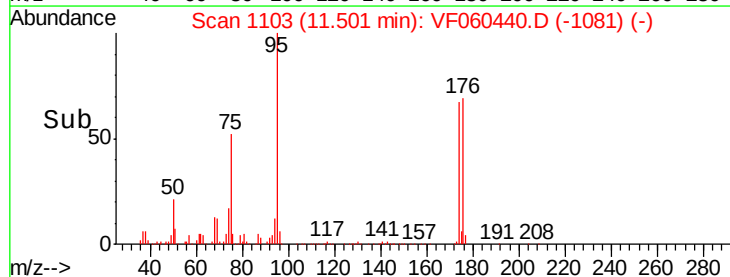
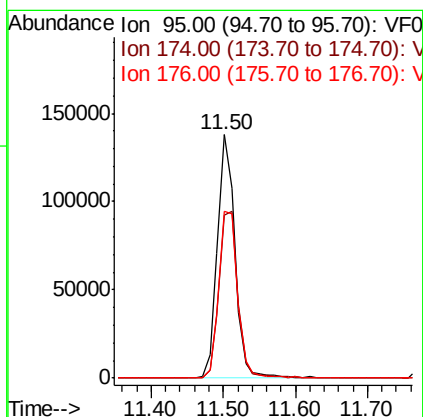
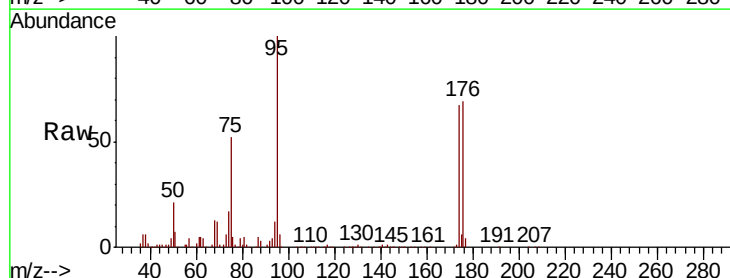
Tgt Ion: 95 Resp: 229820

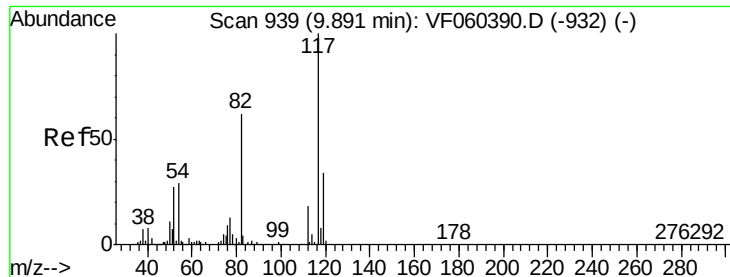
Ion Ratio Lower Upper

95 100

174 66.8 0.0 129.0

176 68.5 0.0 125.6





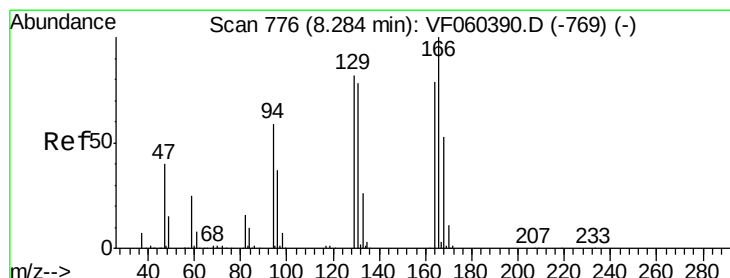
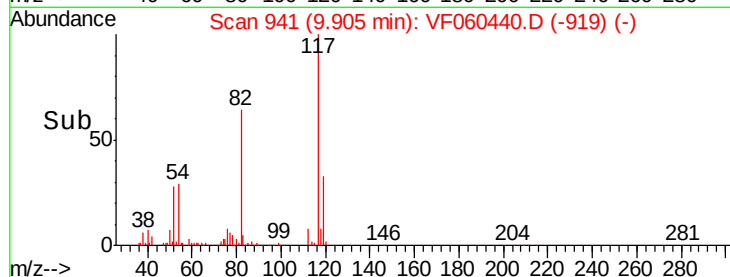
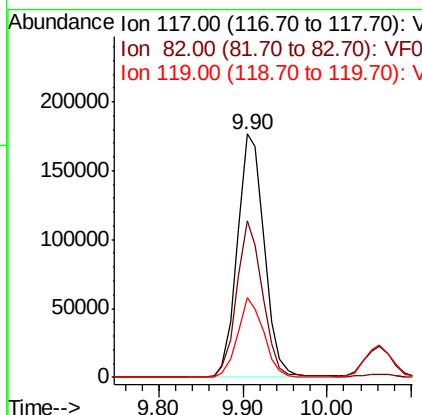
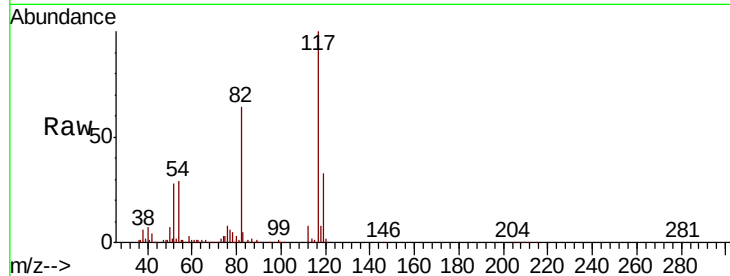
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.90 min Scan# 941  
Delta R.T. 0.01 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1004SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 64.3  | 49.5  | 74.3  |
| 119     | 32.6  | 27.0  | 40.6  |

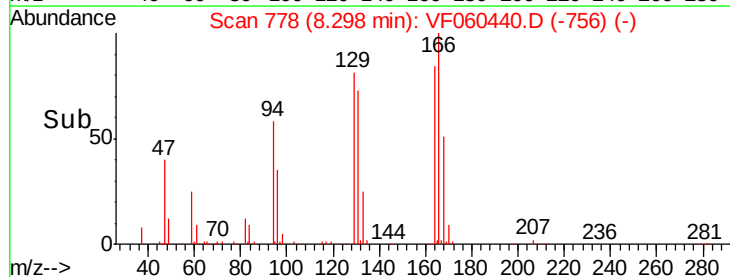
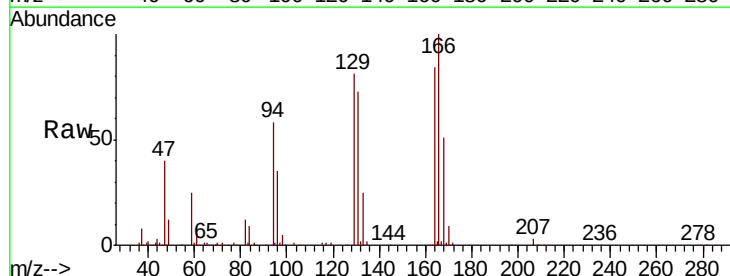
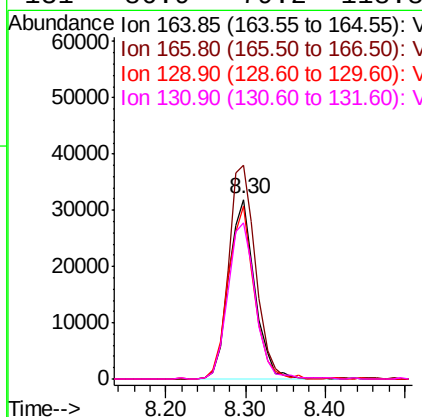
Manual Integrations  
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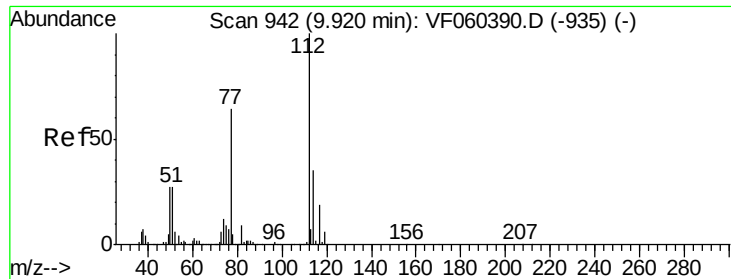
apatel  
10/5/2018 12:26:30 PM



#64  
Tetrachloroethene  
Concen: 23.378 ug/l  
RT: 8.30 min Scan# 778  
Delta R.T. 0.01 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 118.9 | 101.0 | 151.6 |
| 129     | 96.4  | 82.5  | 123.7 |
| 131     | 86.9  | 79.2  | 118.8 |





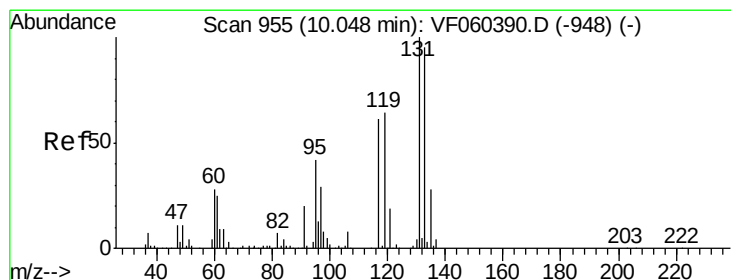
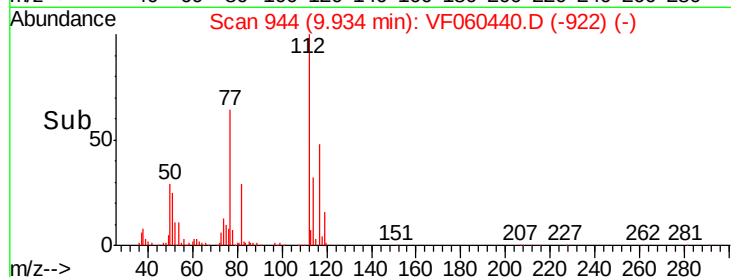
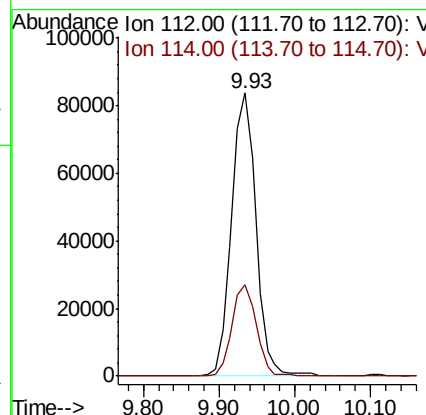
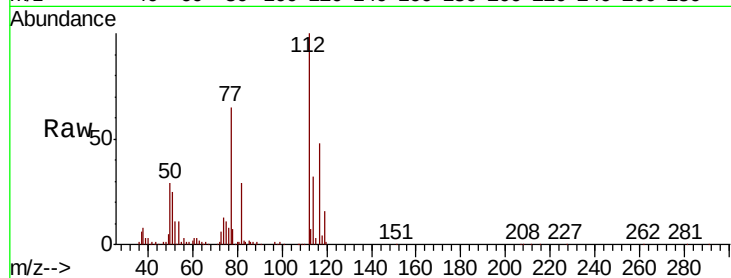
#65  
Chlorobenzene  
Concen: 23.108 ug/l  
RT: 9.93 min Scan# 944  
Delta R.T. 0.01 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1004SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 32.2  | 27.7  | 41.5  |

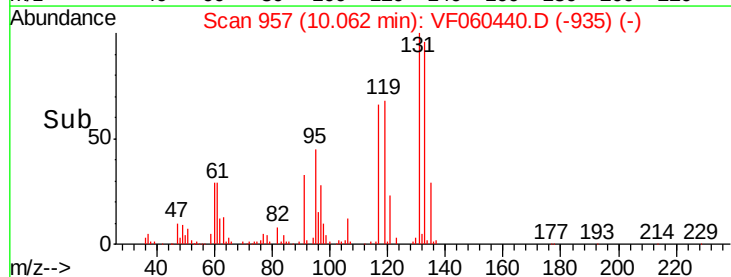
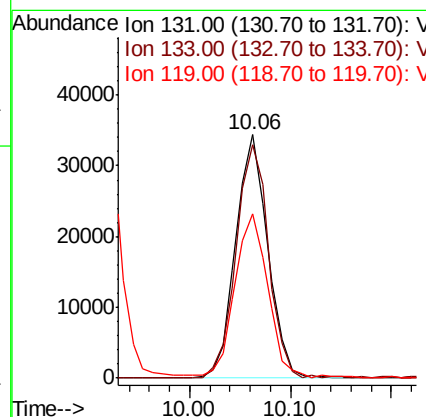
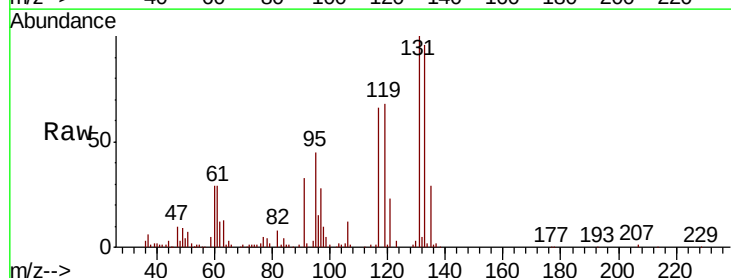
Manual Integrations  
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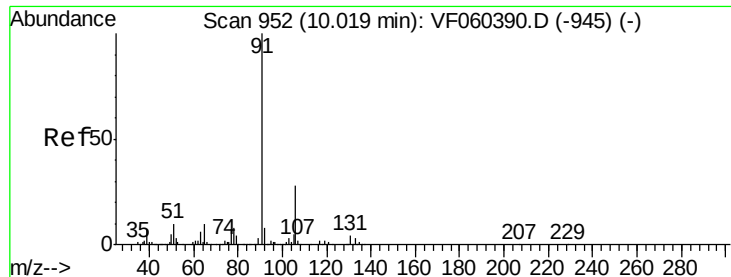
apatel  
10/5/2018 12:26:30 PM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.477 ug/l  
RT: 10.06 min Scan# 957  
Delta R.T. 0.01 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 96.0  | 47.3  | 141.8 |
| 119     | 67.6  | 32.3  | 96.9  |





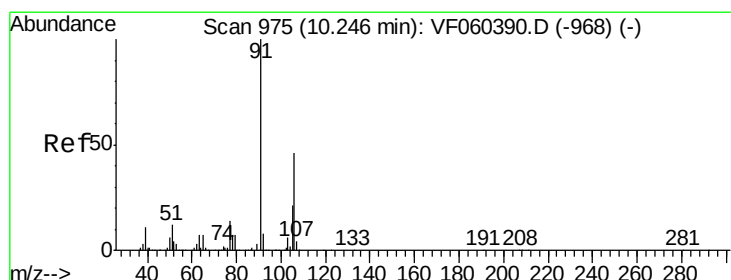
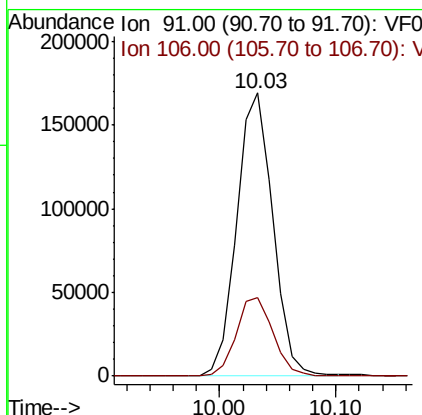
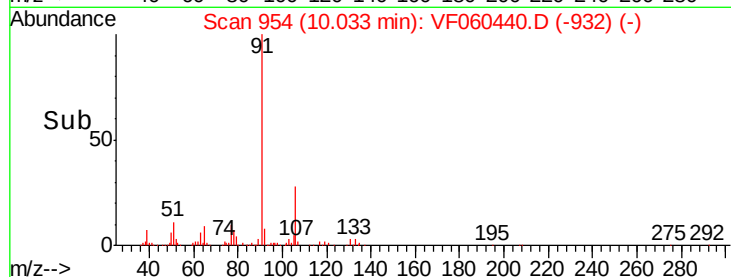
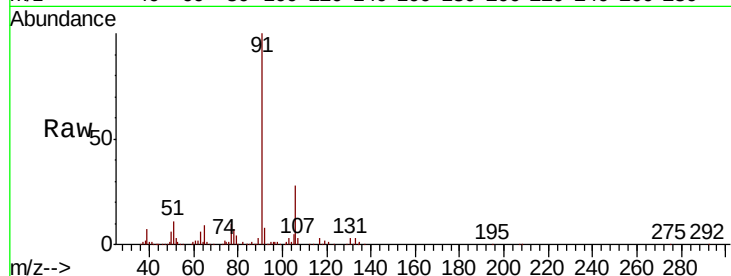
#67  
Ethyl Benzene  
Concen: 23.526 ug/l  
RT: 10.03 min Scan# 954  
Delta R.T. 0.01 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1004SBSD01

Tot Ion: 91 Resp: 362273  
Ion Ratio Lower Upper  
91 100  
106 28.0 22.5 33.7

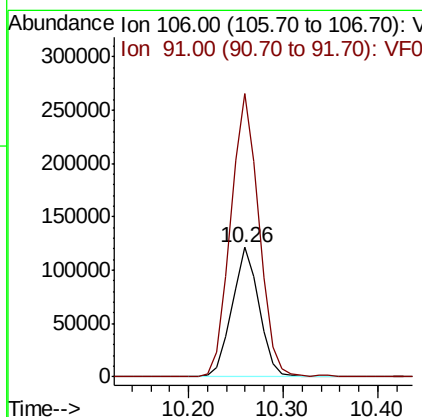
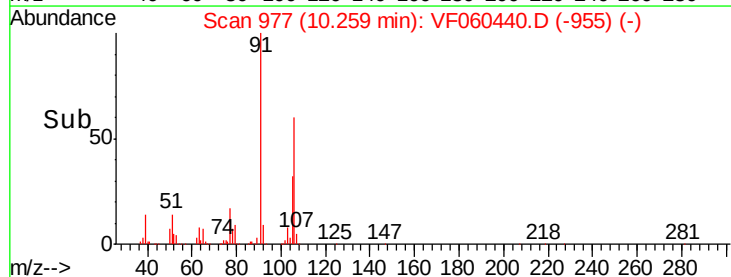
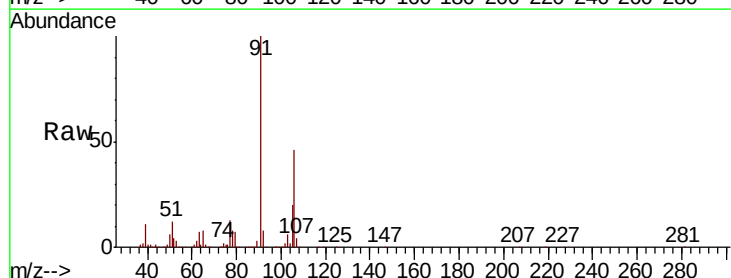
Manual Integrations  
APPROVED

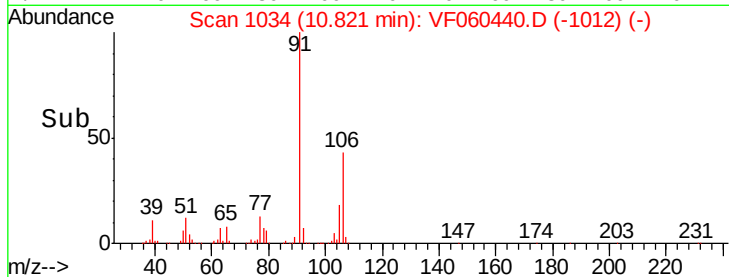
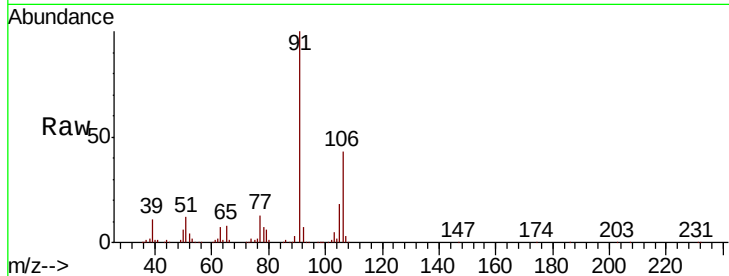
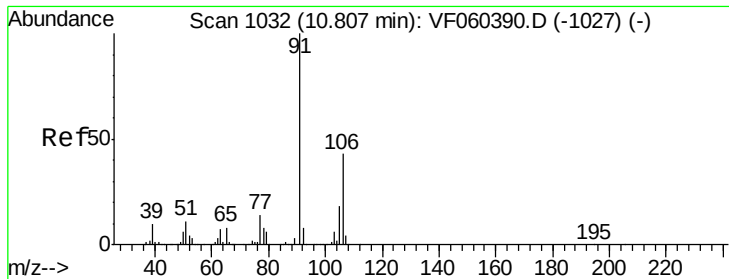
apatel  
10/5/2018 12:26:30 PM



#68  
m/p-Xylenes  
Concen: 45.692 ug/l  
RT: 10.26 min Scan# 977  
Delta R.T. 0.01 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

Tgt Ion: 106 Resp: 241875  
Ion Ratio Lower Upper  
106 100  
91 218.3 175.0 262.6





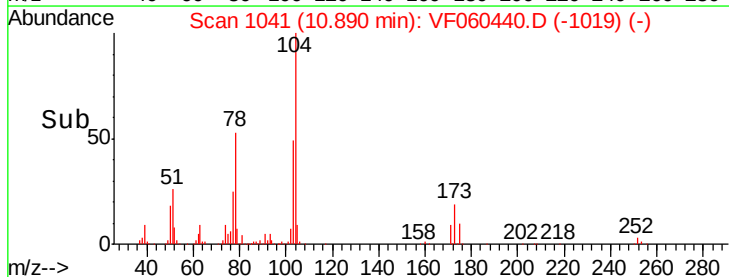
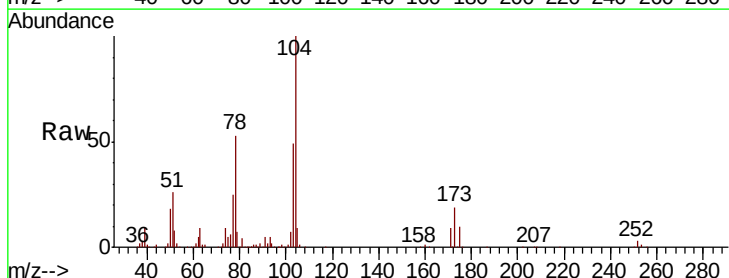
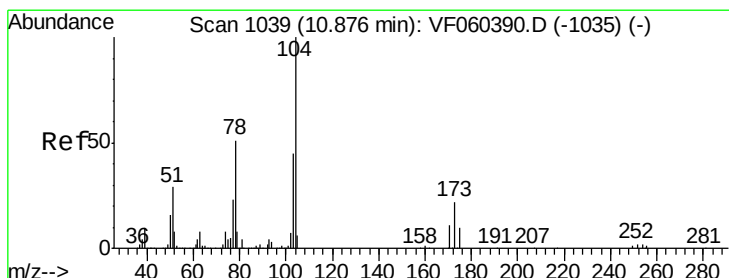
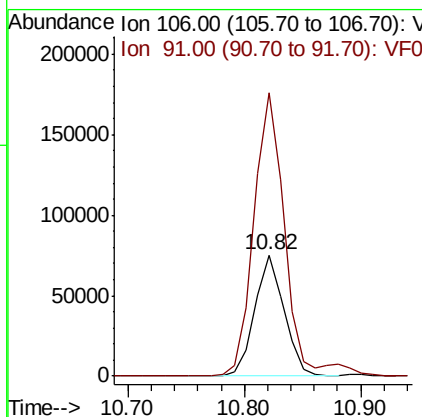
#69  
o-Xylene  
Concen: 22.749 ug/l  
RT: 10.82 min Scan# 1034  
Delta R.T. 0.01 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1004SBSD01

Tot Ion:106 Resp: 131264  
Ion Ratio Lower Upper  
106 100  
91 234.1 115.1 345.2

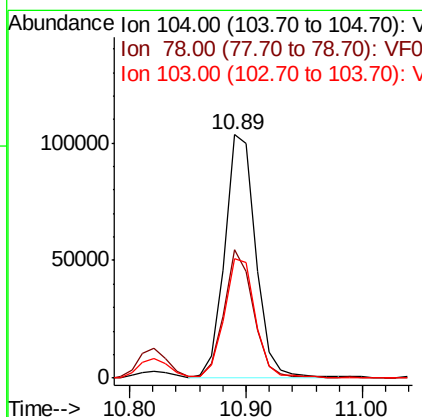
Manual Integrations  
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10/5/2018 12:26:30 PM

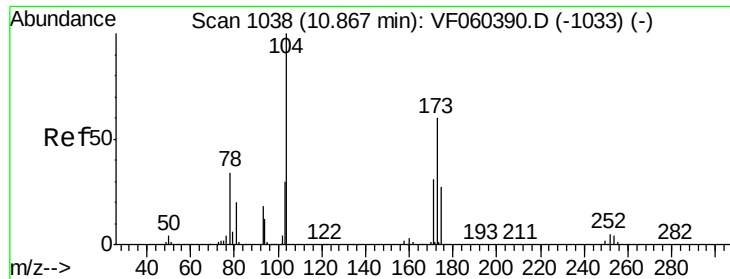


#70  
Styrene  
Concen: 23.199 ug/l  
RT: 10.89 min Scan# 1041  
Delta R.T. 0.01 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

Tgt Ion:104 Resp: 190402  
Ion Ratio Lower Upper  
104 100  
78 52.8 41.0 61.4  
103 49.1 36.4 54.6







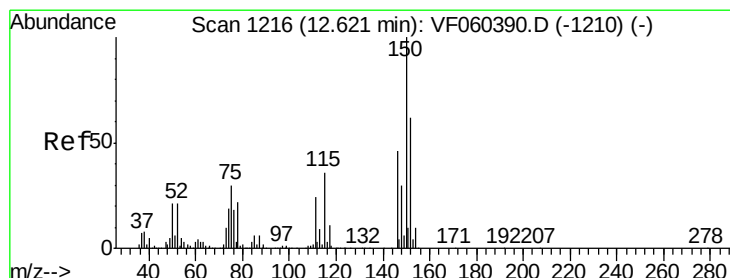
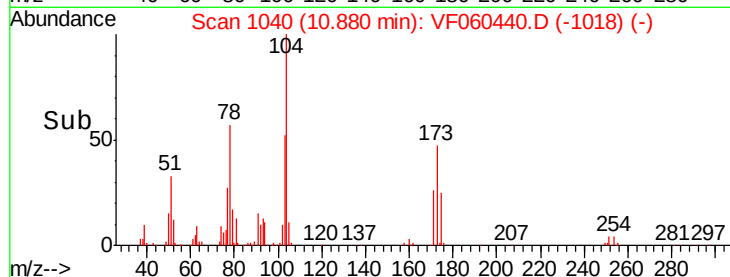
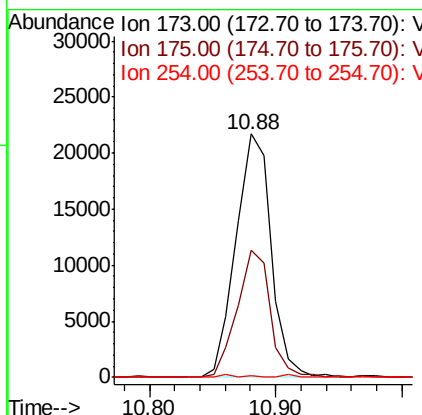
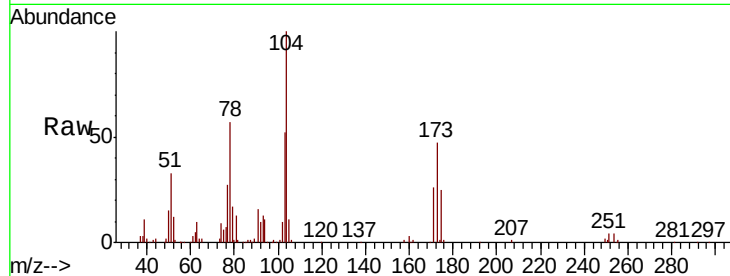
#71  
Bromoform  
Concen: 22.256 ug/l  
RT: 10.88 min Scan# 1040  
Delta R.T. 0.01 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1004SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 173     | 100   |       |       |
| 175     | 52.1  | 22.1  | 66.1  |
| 254     | 0.7   | 0.0   | 0.0   |

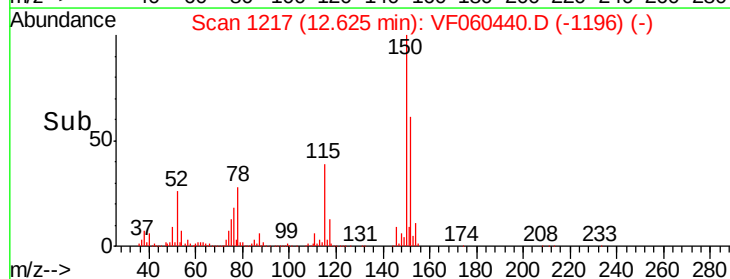
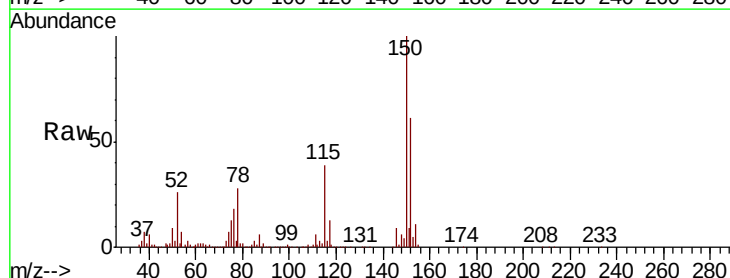
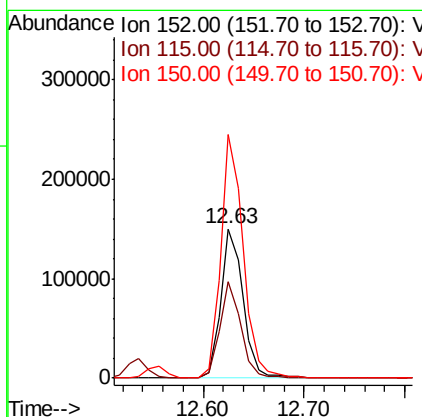
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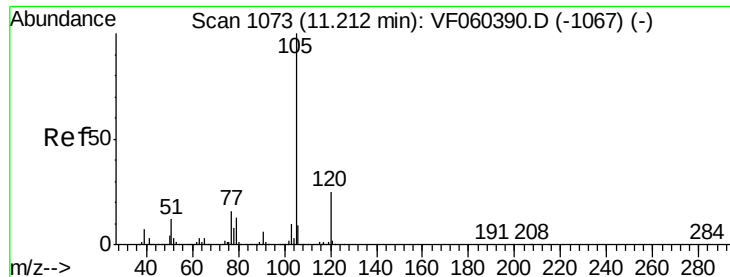
apatel  
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#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.63 min Scan# 1217  
Delta R.T. 0.00 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 152     | 100   |       |       |
| 115     | 64.3  | 28.6  | 85.8  |
| 150     | 163.3 | 0.0   | 324.6 |





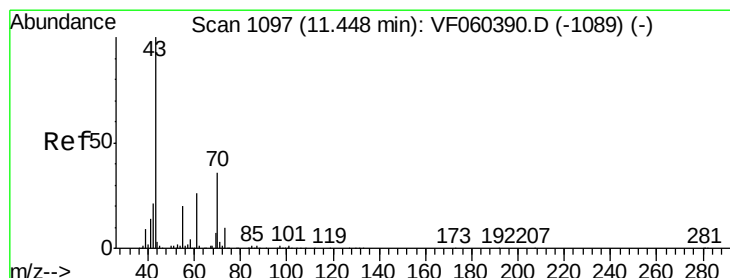
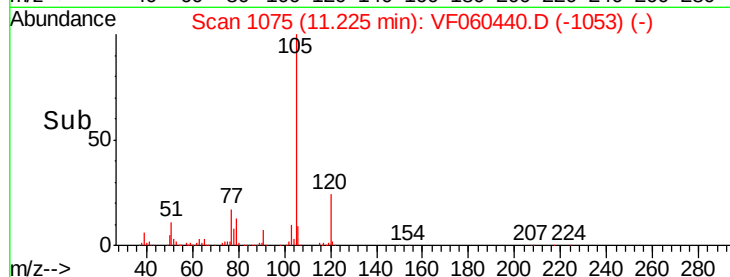
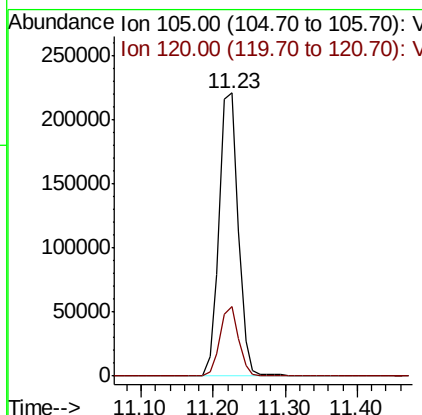
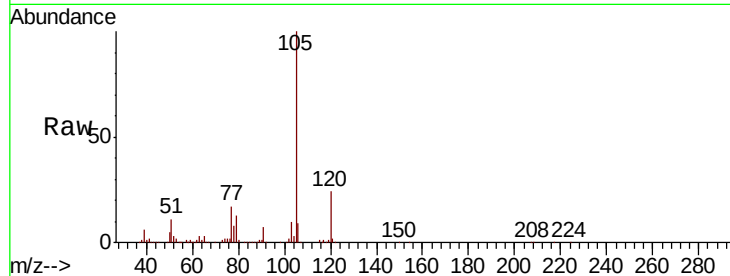
#73  
Isopropylbenzene  
Concen: 22.249 ug/l  
RT: 11.23 min Scan# 1075  
Delta R.T. 0.01 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1004SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 24.4  | 12.3  | 36.9  |

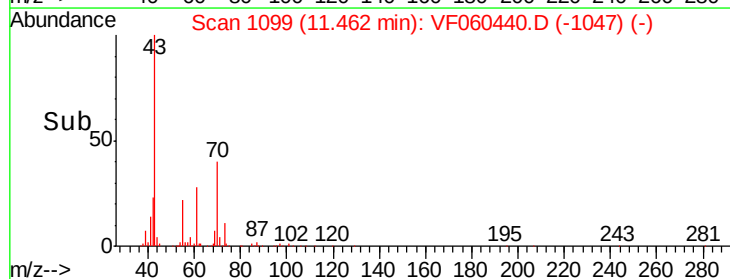
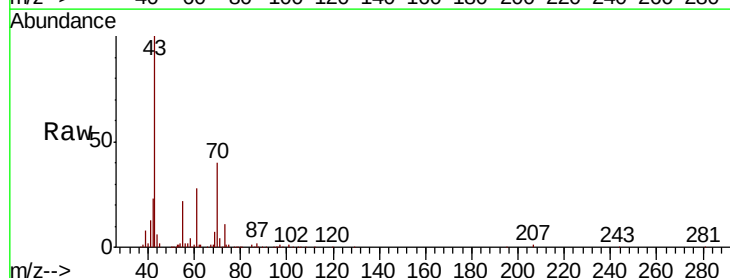
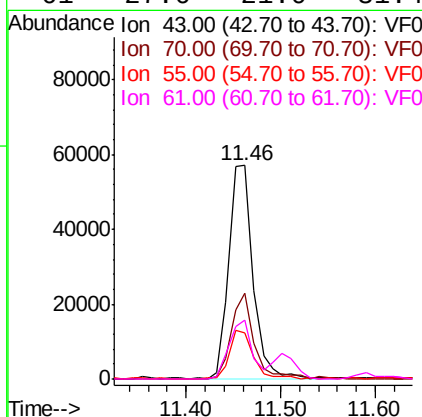
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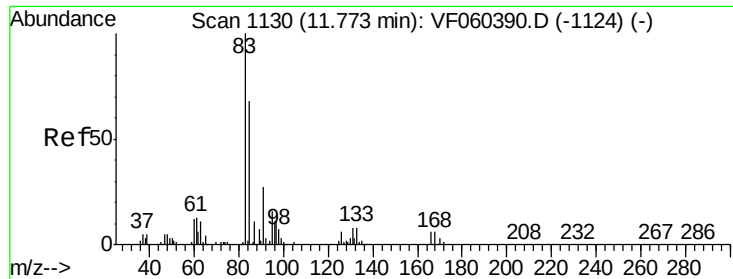
apatel  
10/5/2018 12:26:30 PM



#74  
N-ethyl acetate  
Concen: 24.293 ug/l  
RT: 11.46 min Scan# 1099  
Delta R.T. 0.01 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 70      | 39.9  | 29.1  | 43.7  |
| 55      | 21.9  | 16.3  | 24.5  |
| 61      | 27.6  | 21.0  | 31.4  |





#75

1,1,2,2-Tetrachloroethane

Concen: 22.719 ug/l

RT: 11.78 min Scan# 1131

Delta R.T. 0.00 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

Instrument :

MSVOA\_F

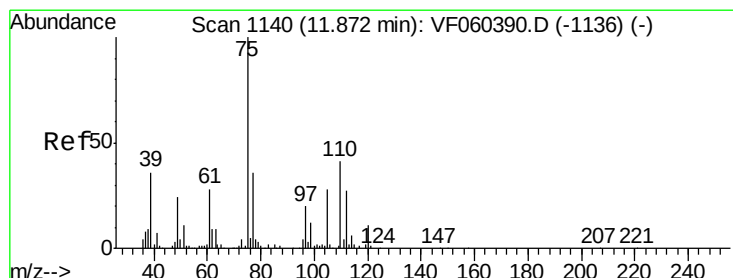
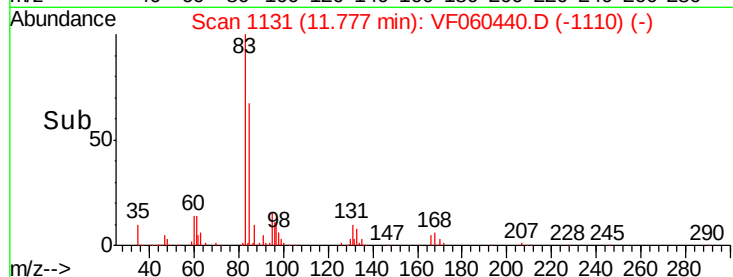
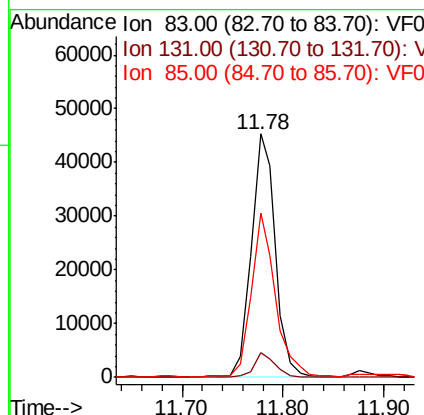
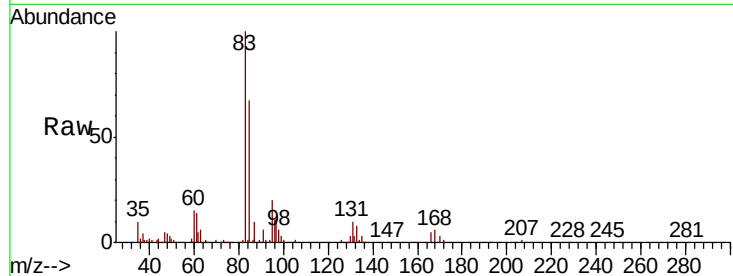
ClientSampleId :

VF1004SBSD01

| Tot Ion   | 83   | Resp  | 75452 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 83        | 100  |       |       |
| 131       | 10.3 | 4.0   | 12.0  |
| 85        | 67.3 | 34.0  | 102.0 |

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#76

1,2,3-Trichloropropane

Concen: 22.468 ug/l

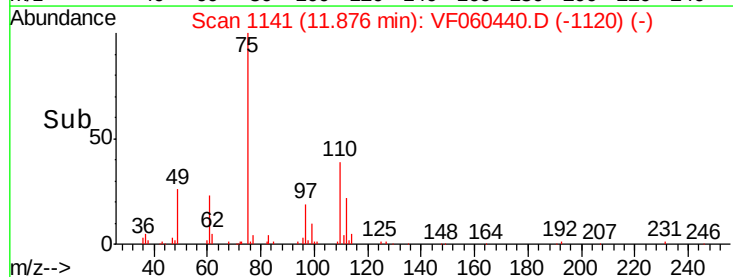
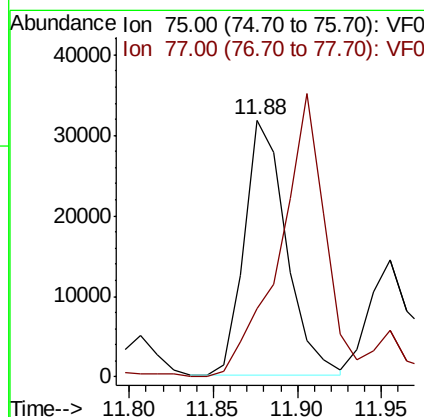
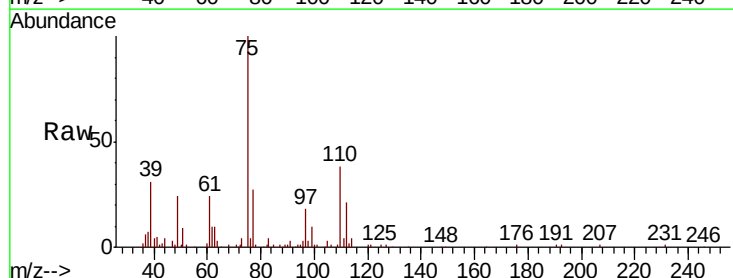
RT: 11.88 min Scan# 1141

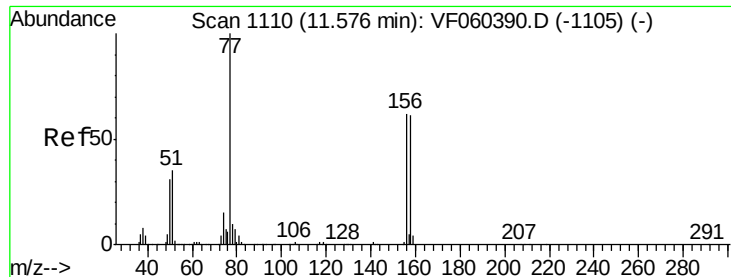
Delta R.T. 0.00 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

| Tgt Ion   | 75   | Resp  | 54934 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 75        | 100  |       |       |
| 77        | 26.6 | 18.1  | 54.4  |





#77

Bromobenzene

Concen: 20.644 ug/l

RT: 11.59 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

Instrument :

MSVOA\_F

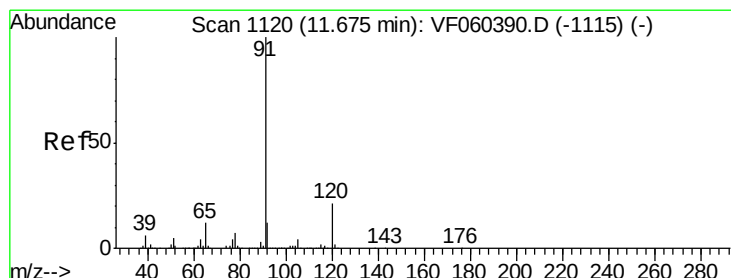
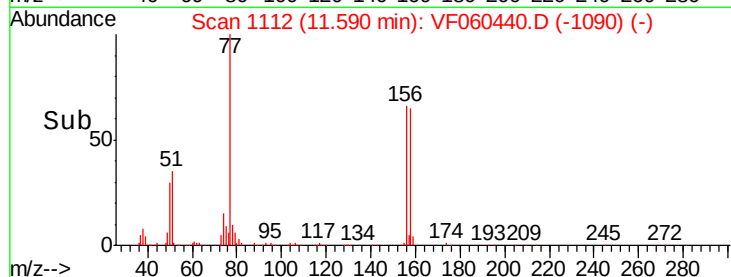
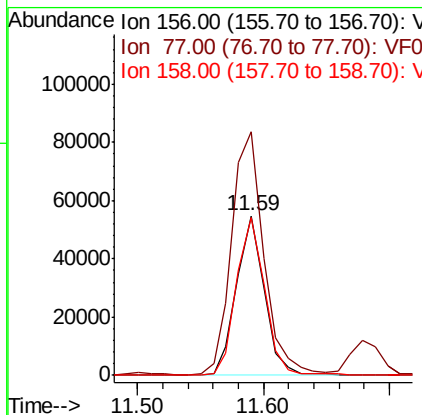
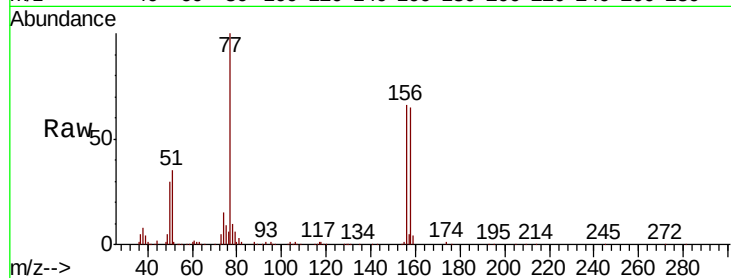
ClientSampleId :

VF1004SBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 156   | Resp: | 84063 |
| Ion Ratio | Lower | Upper |       |
| 156       | 100   |       |       |
| 77        | 152.6 | 81.3  | 243.9 |
| 158       | 98.6  | 49.6  | 149.0 |

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#78

n-propylbenzene

Concen: 21.756 ug/l

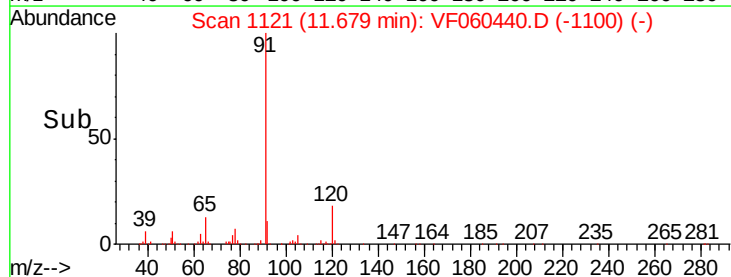
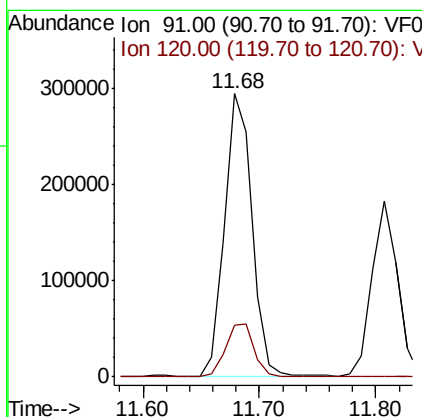
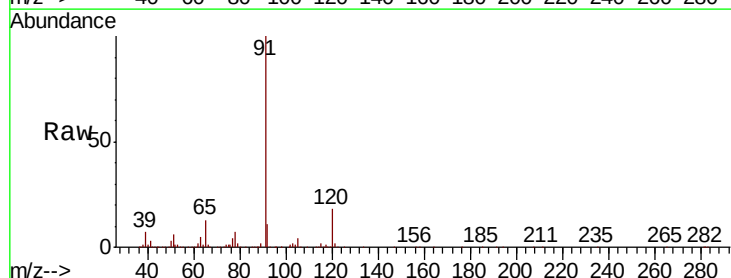
RT: 11.68 min Scan# 1121

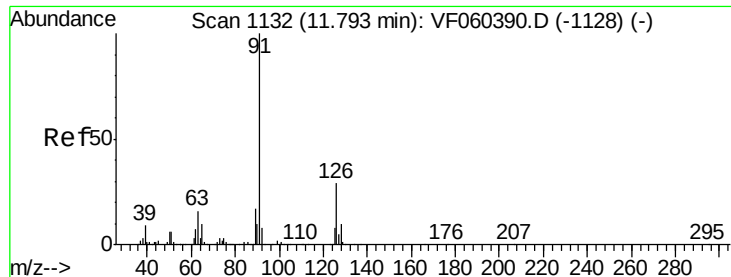
Delta R.T. 0.00 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 480454 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 120       | 18.4  | 10.5  | 31.6   |





#79

2-Chlorotoluene

Concen: 21.681 ug/l

RT: 11.81 min Scan# 1134

Delta R.T. 0.01 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

Instrument :

MSVOA\_F

ClientSampleId :

VF1004SBSD01

Tot Ion: 91 Resp: 280077

Ion Ratio Lower Upper

91 100

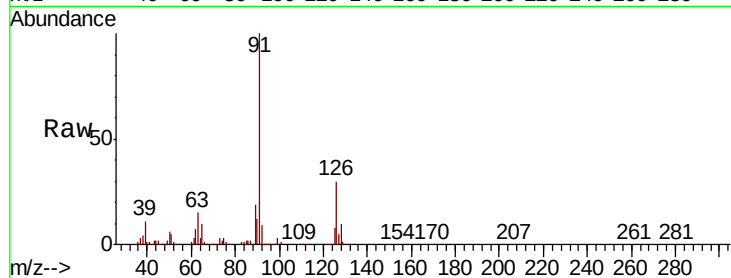
126 30.4 14.4 43.4

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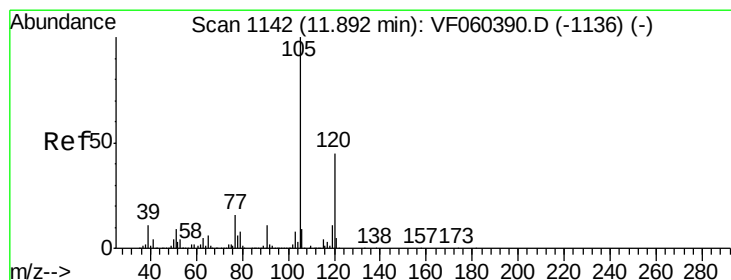
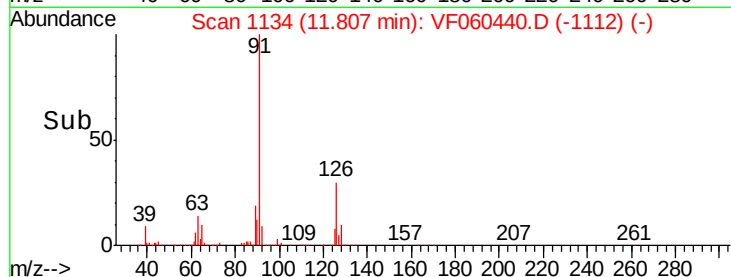
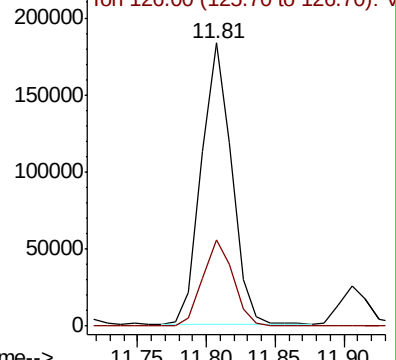
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Abundance Ion 91.00 (90.70 to 91.70): VF060390.D (-1128) (-)



#80

1,3,5-Trimethylbenzene

Concen: 21.937 ug/l

RT: 11.91 min Scan# 1144

Delta R.T. 0.01 min

Lab File: VF060440.D

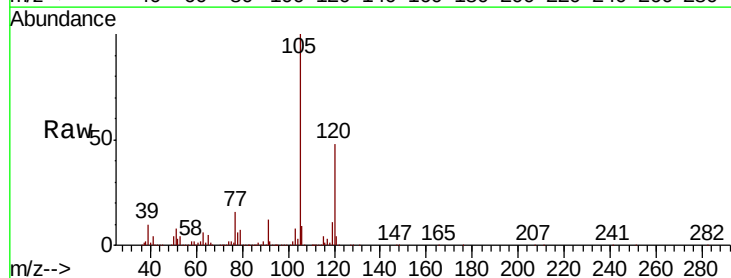
Acq: 4 Oct 2018 17:15

Tgt Ion: 105 Resp: 339515

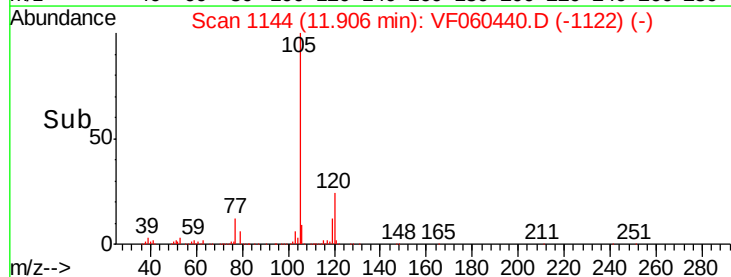
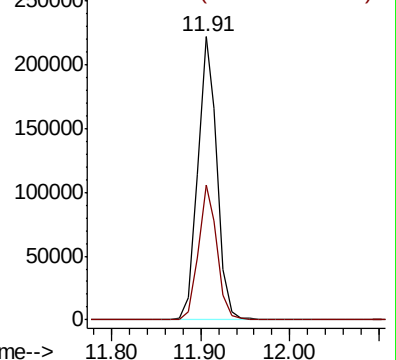
Ion Ratio Lower Upper

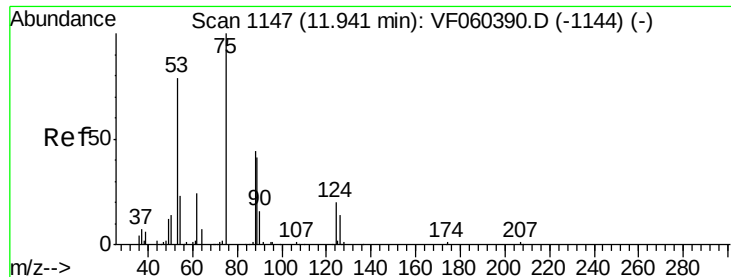
105 100

120 47.6 22.3 66.9



Abundance Ion 105.00 (104.70 to 105.70): VF060390.D (-1136) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 23.439 ug/l m

RT: 11.95 min Scan# 1149

Delta R.T. 0.01 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

Instrument :

MSVOA\_F

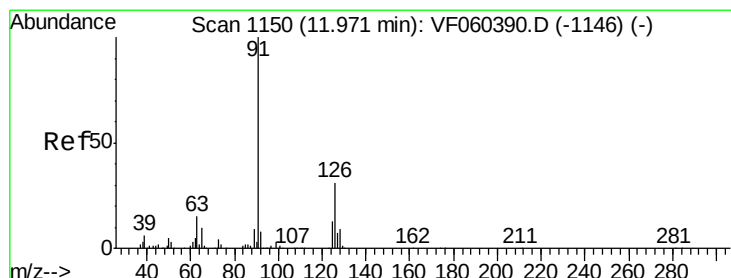
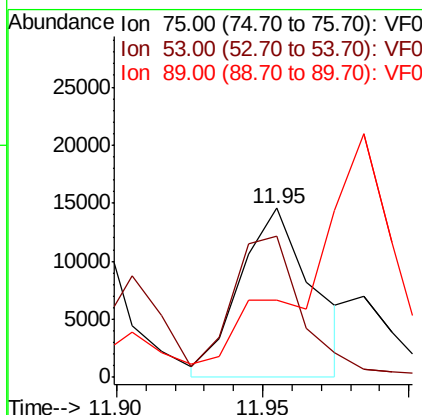
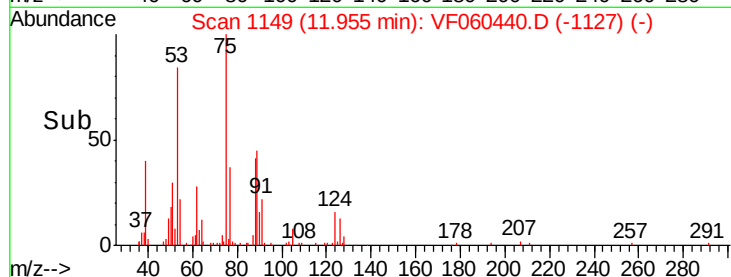
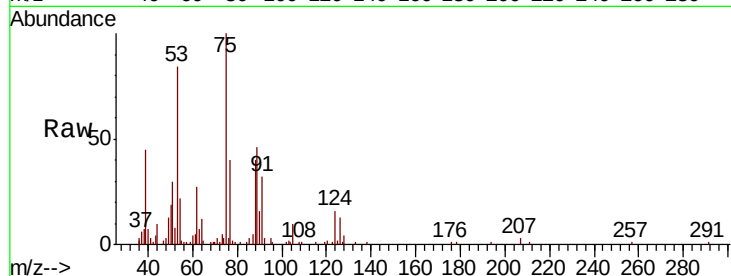
ClientSampleId :

VF1004SBSD01

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 75    | Resp: | 25404 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 53        | 83.7  | 67.8  | 101.8 |
| 89        | 45.6  | 36.7  | 55.1  |

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#82

4-Chlorotoluene

Concen: 21.691 ug/l

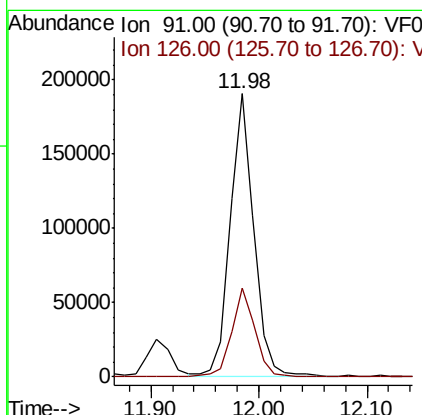
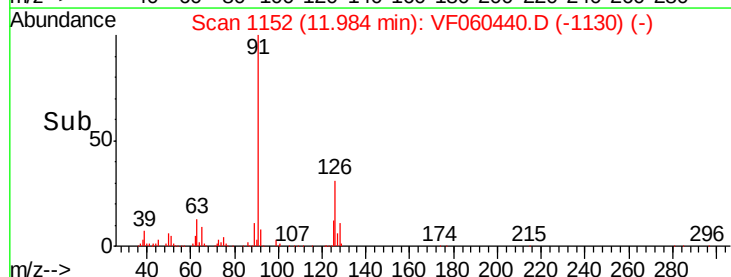
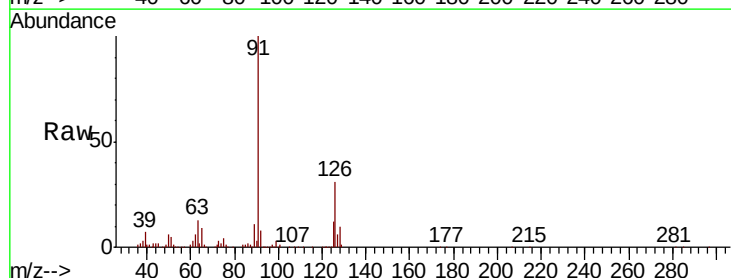
RT: 11.98 min Scan# 1152

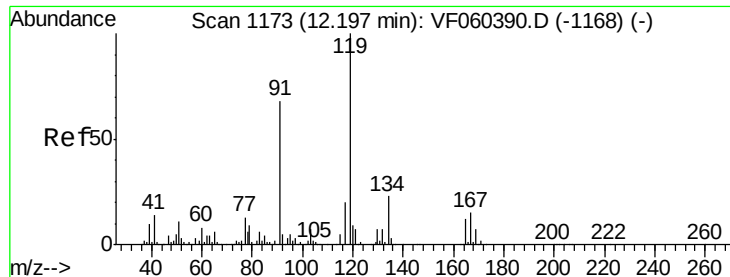
Delta R.T. 0.01 min

Lab File: VF060440.D

Acq: 4 Oct 2018 17:15

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 91    | Resp: | 286703 |
| Ion Ratio | Lower | Upper |        |
| 91        | 100   |       |        |
| 126       | 31.2  | 15.7  | 47.0   |





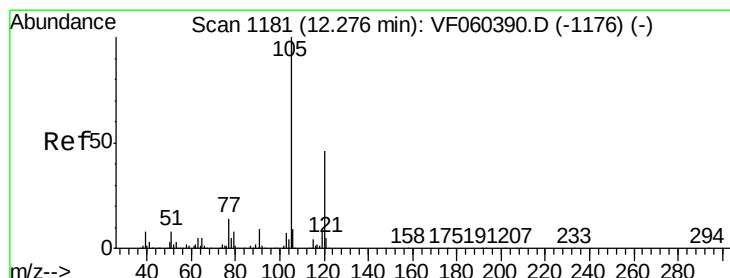
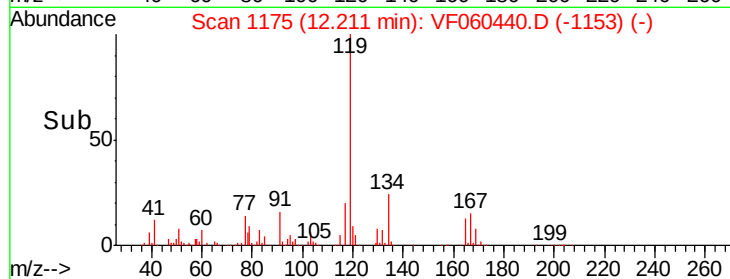
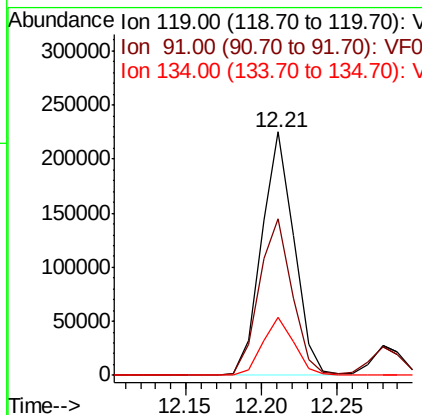
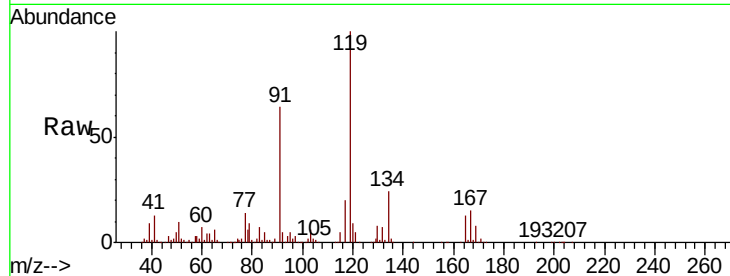
#83  
 tert-Butylbenzene  
 Concen: 21.989 ug/l  
 RT: 12.21 min Scan# 1175  
 Delta R.T. 0.01 min  
 Lab File: VF060440.D  
 Acq: 4 Oct 2018 17:15

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF1004SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 64.5  | 34.0  | 102.0 |
| 134     | 23.8  | 11.7  | 35.0  |

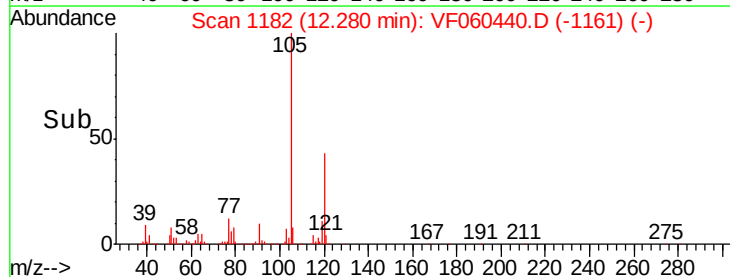
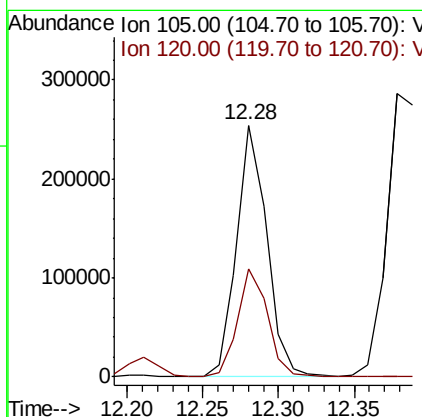
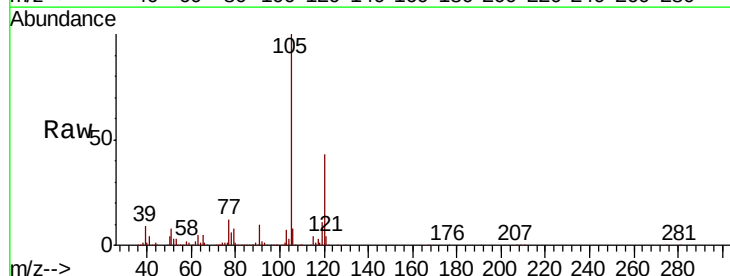
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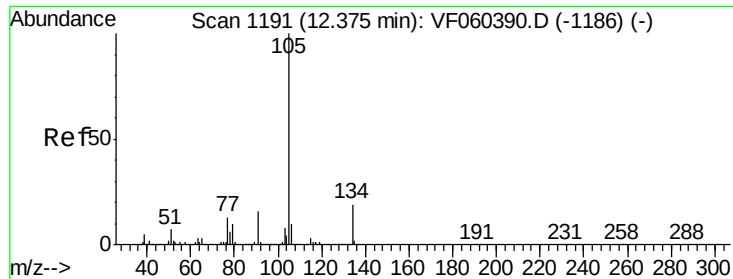
apatel  
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 22.997 ug/l  
 RT: 12.28 min Scan# 1182  
 Delta R.T. 0.00 min  
 Lab File: VF060440.D  
 Acq: 4 Oct 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 42.8  | 23.1  | 69.2  |





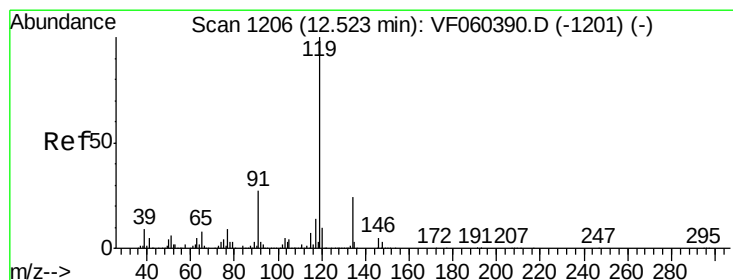
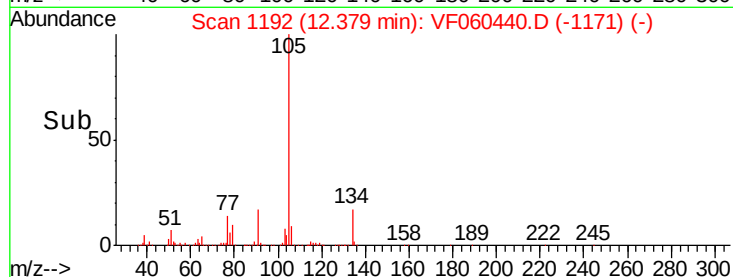
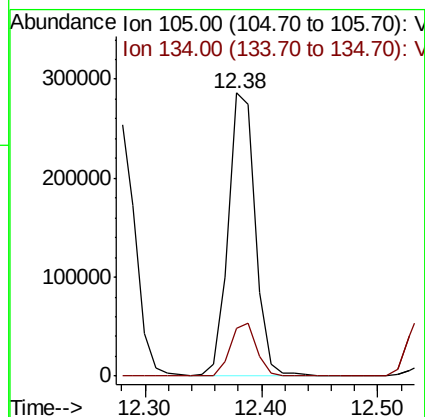
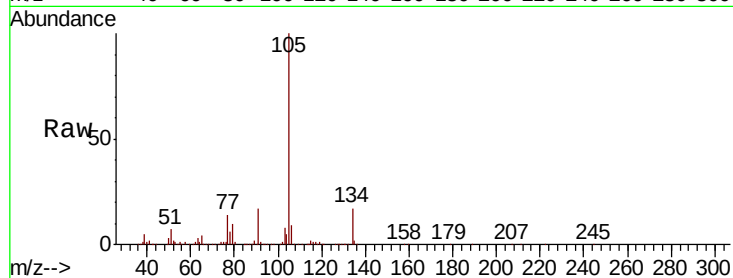
#85  
 sec-Butylbenzene  
 Concen: 21.835 ug/l  
 RT: 12.38 min Scan# 1192  
 Delta R.T. 0.00 min  
 Lab File: VF060440.D  
 Acq: 4 Oct 2018 17:15

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF1004SBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 460083 |       |       |
| 134     | 17.1  | 9.4    | 28.3  |       |

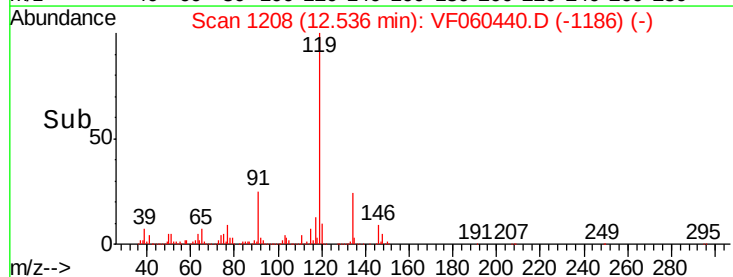
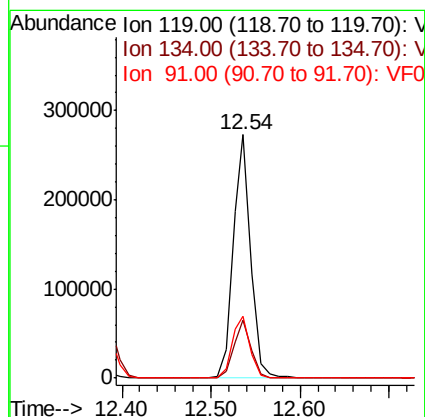
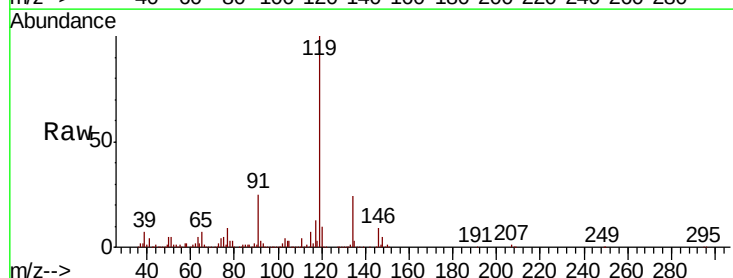
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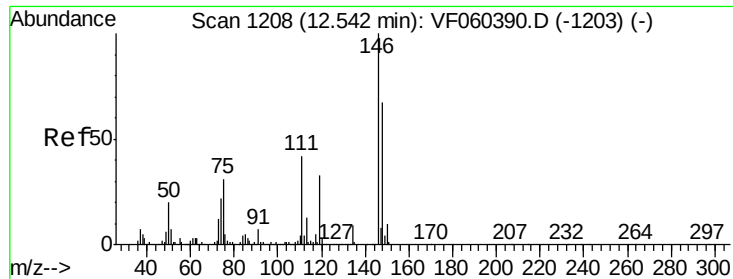


#86  
 p-Isopropyltoluene  
 Concen: 21.871 ug/l  
 RT: 12.54 min Scan# 1208  
 Delta R.T. 0.01 min  
 Lab File: VF060440.D  
 Acq: 4 Oct 2018 17:15

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 376502 |       |       |
| 134     | 23.7  | 12.3   | 36.8  |       |
| 91      | 25.3  | 13.5   | 40.4  |       |







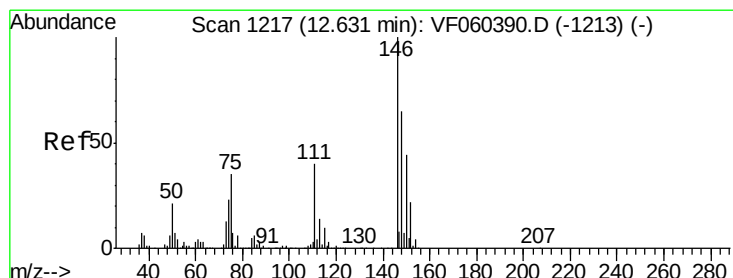
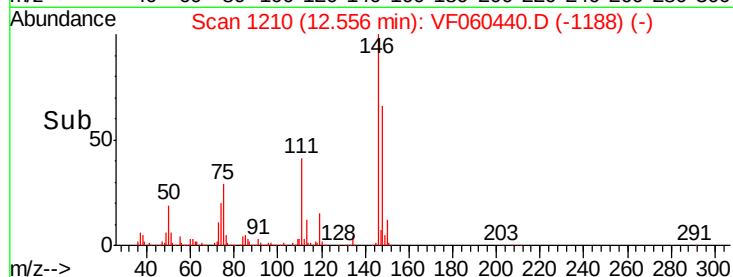
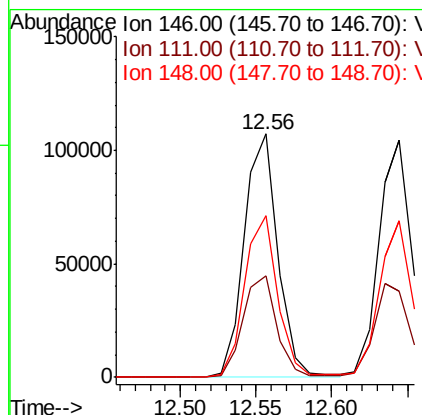
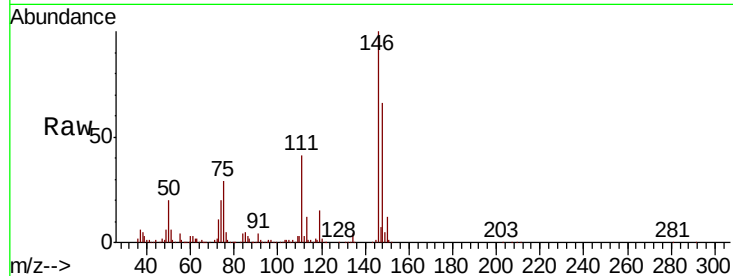
#87  
 1,3-Dichlorobenzene  
 Concen: 21.703 ug/l  
 RT: 12.56 min Scan# 1210  
 Delta R.T. 0.01 min  
 Lab File: VF060440.D  
 Acq: 4 Oct 2018 17:15

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF1004SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 41.4  | 20.9  | 62.7  |
| 148     | 66.4  | 33.6  | 100.8 |

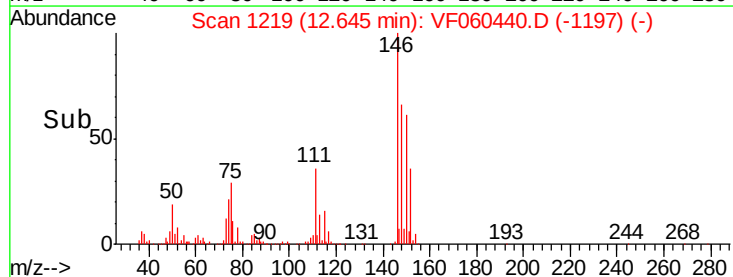
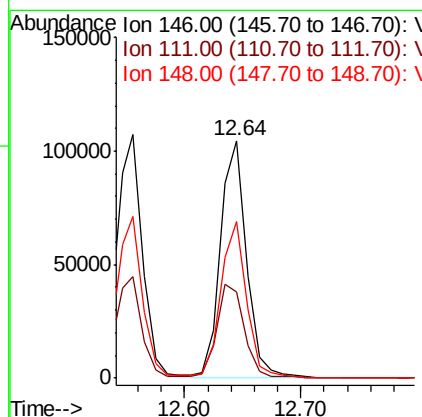
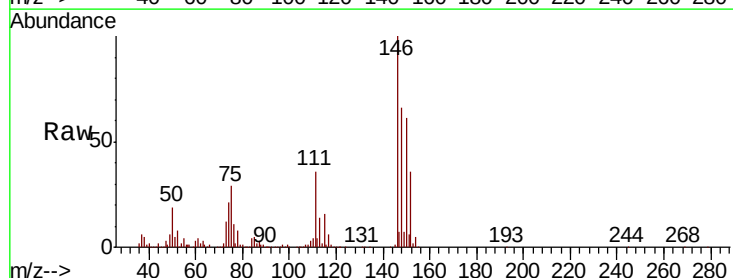
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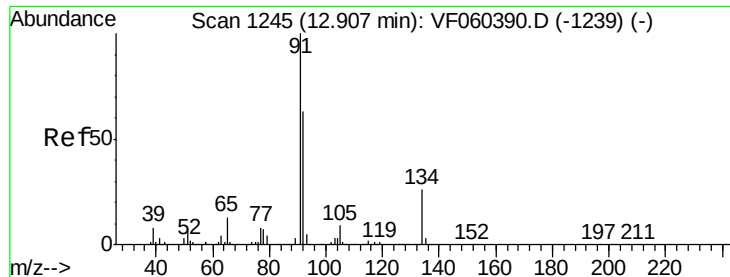
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#88  
 1,4-Dichlorobenzene  
 Concen: 21.543 ug/l  
 RT: 12.64 min Scan# 1219  
 Delta R.T. 0.01 min  
 Lab File: VF060440.D  
 Acq: 4 Oct 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 36.1  | 20.2  | 60.6  |
| 148     | 66.1  | 32.6  | 97.8  |





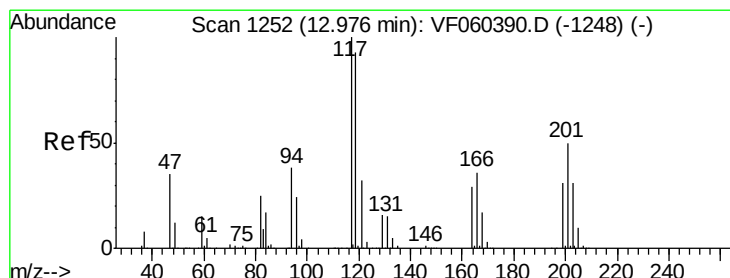
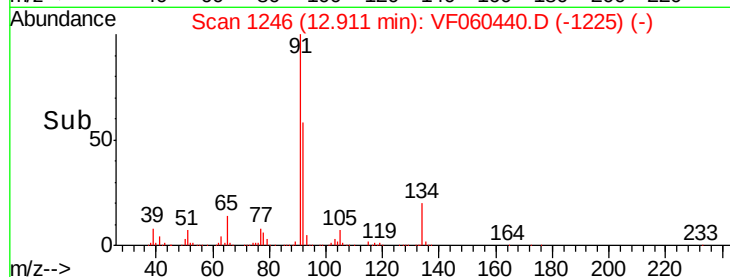
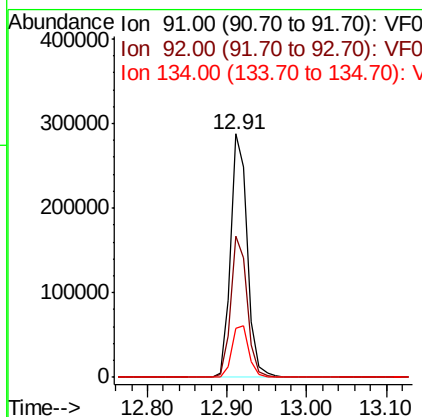
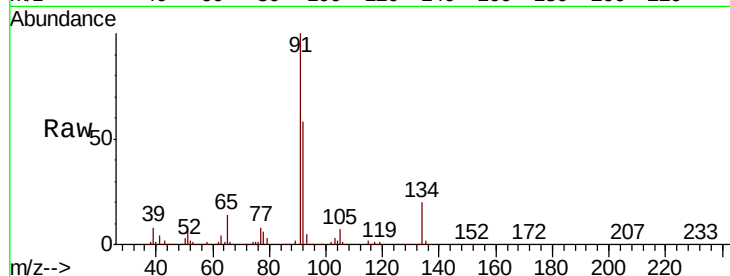
#89  
n-Butylbenzene  
Concen: 23.341 ug/l  
RT: 12.91 min Scan# 1246  
Delta R.T. 0.00 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1004SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 58.2  | 31.3  | 93.9  |
| 134     | 20.1  | 13.0  | 38.9  |

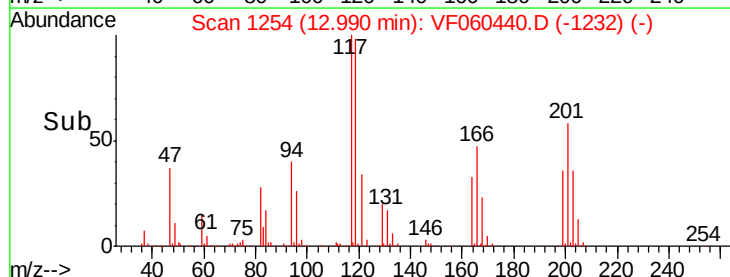
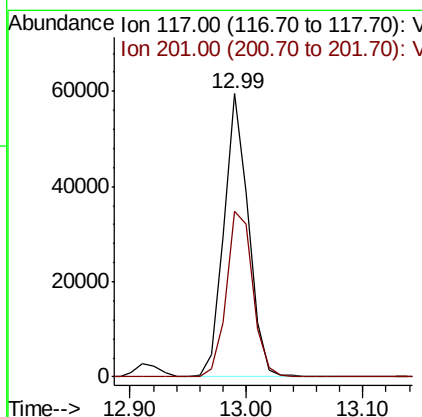
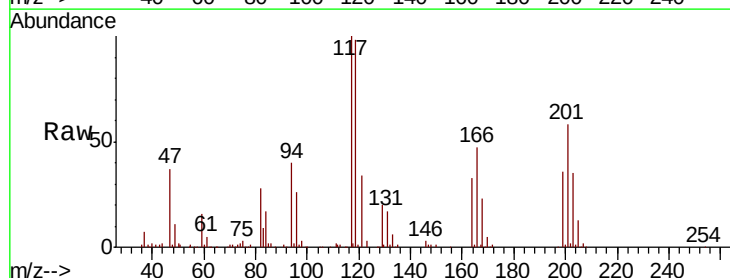
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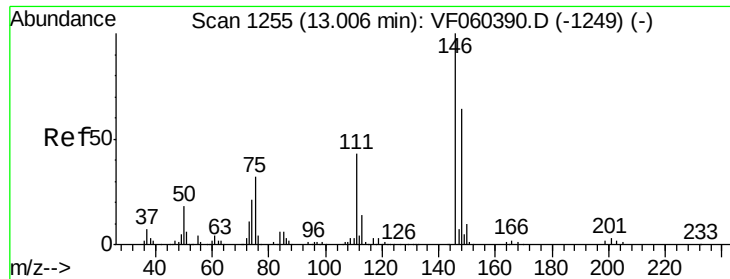
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#90  
Hexachloroethane  
Concen: 19.438 ug/l  
RT: 12.99 min Scan# 1254  
Delta R.T. 0.01 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 58.3  | 25.5  | 76.5  |





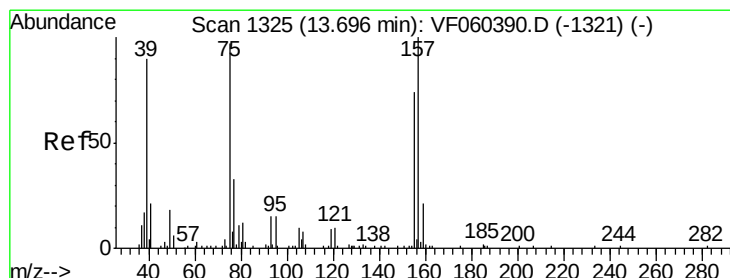
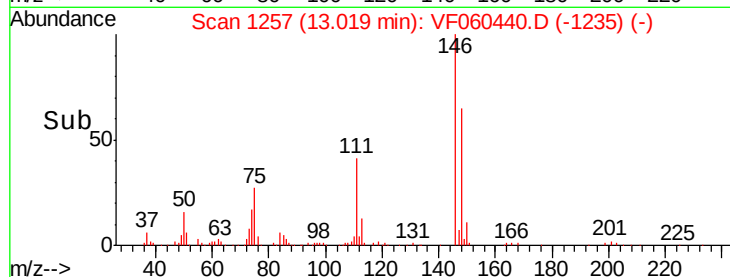
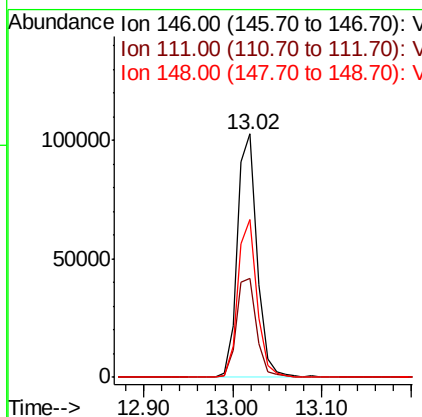
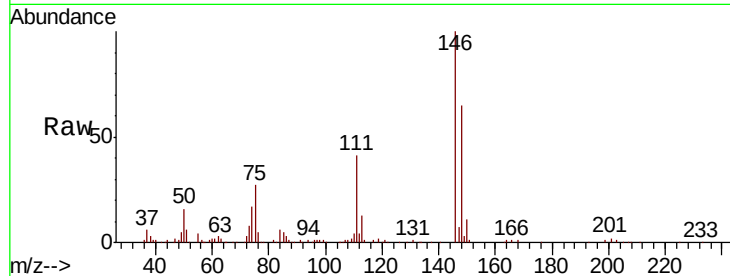
#91  
 1,2-Dichlorobenzene  
 Concen: 21.729 ug/l  
 RT: 13.02 min Scan# 1257  
 Delta R.T. 0.01 min  
 Lab File: VF060440.D  
 Acq: 4 Oct 2018 17:15

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF1004SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 40.7  | 21.3  | 64.0  |
| 148     | 65.1  | 32.2  | 96.6  |

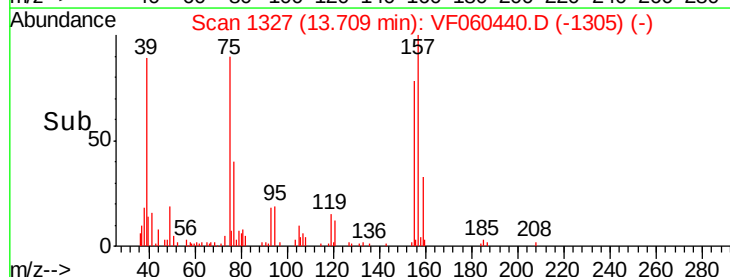
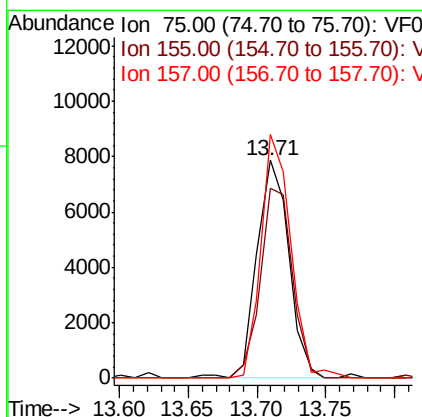
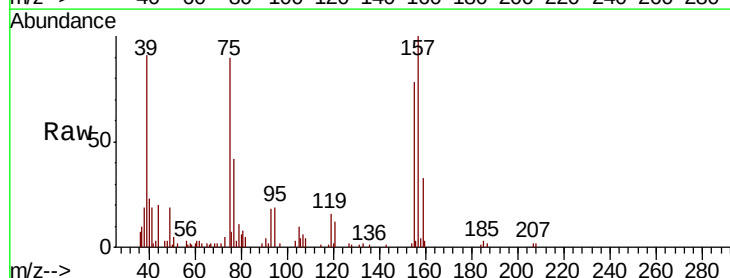
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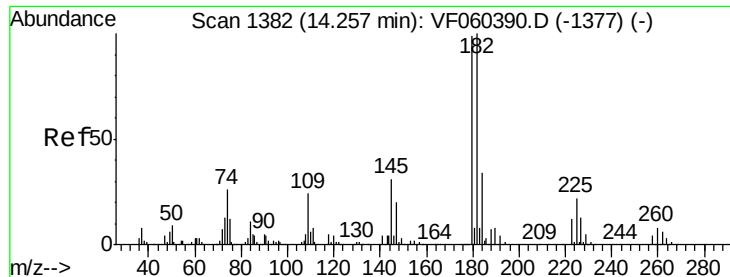
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.809 ug/l  
 RT: 13.71 min Scan# 1327  
 Delta R.T. 0.01 min  
 Lab File: VF060440.D  
 Acq: 4 Oct 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 90.4  | 37.9  | 113.6 |
| 157     | 111.7 | 51.3  | 154.0 |





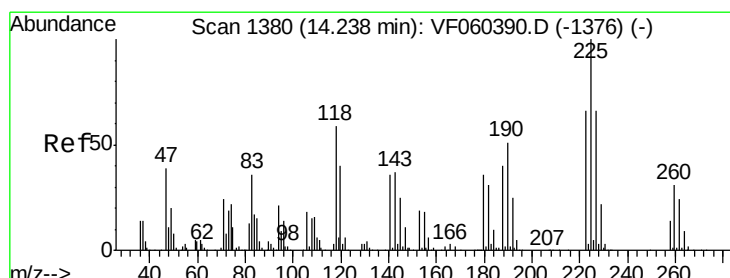
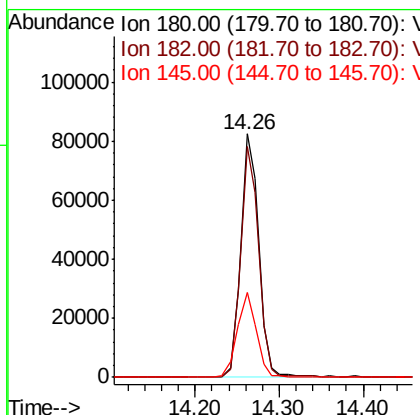
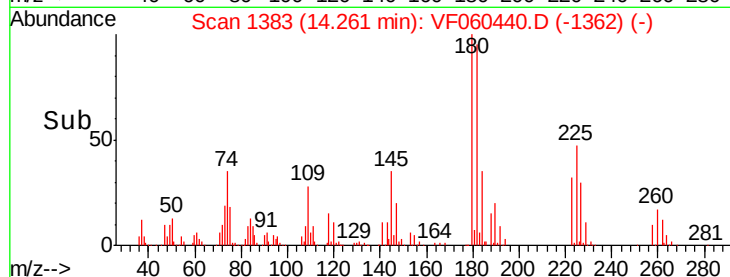
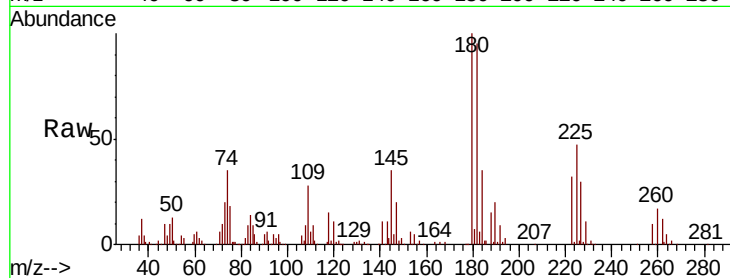
#93  
 1,2,4-Trichlorobenzene  
 Concen: 22.402 ug/l  
 RT: 14.26 min Scan# 1383  
 Delta R.T. 0.00 min  
 Lab File: VF060440.D  
 Acq: 4 Oct 2018 17:15

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF1004SBSD01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 122934 |       |       |
| 182     | 94.9  | 50.3   | 150.9 |       |
| 145     | 34.7  | 15.5   | 46.5  |       |

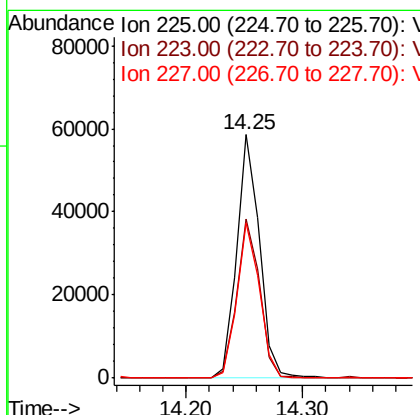
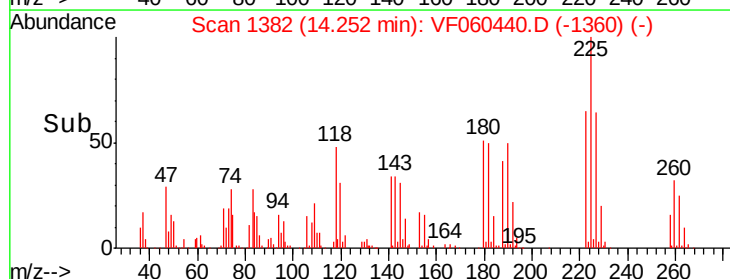
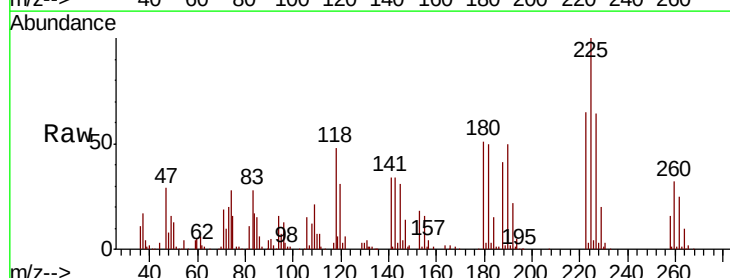
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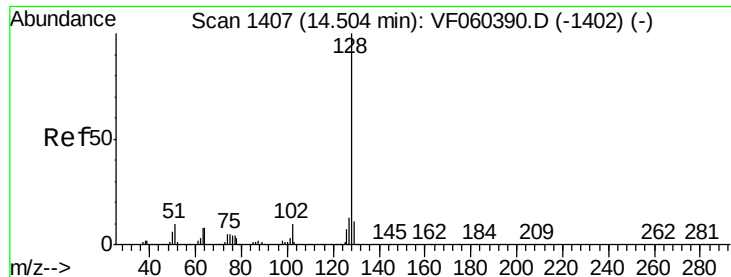
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#94  
 Hexachlorobutadiene  
 Concen: 20.666 ug/l  
 RT: 14.25 min Scan# 1382  
 Delta R.T. 0.01 min  
 Lab File: VF060440.D  
 Acq: 4 Oct 2018 17:15

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 225     | 100   | 79151 |       |       |
| 223     | 65.5  | 32.8  | 98.4  |       |
| 227     | 63.6  | 33.0  | 99.0  |       |





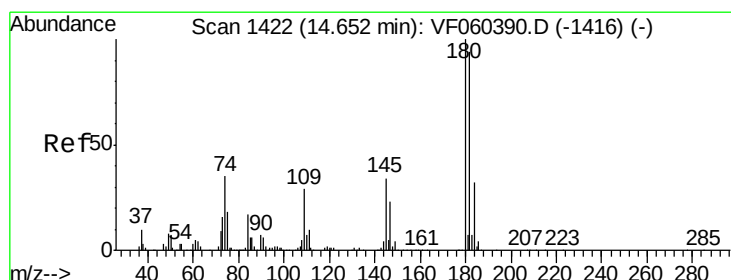
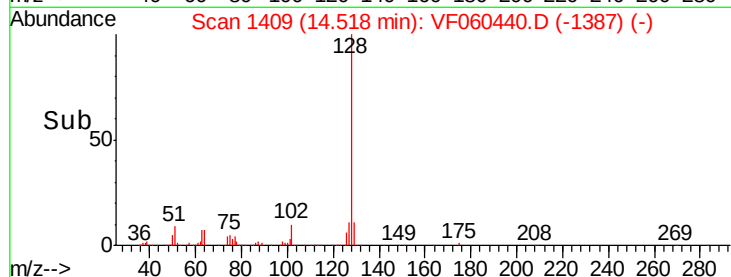
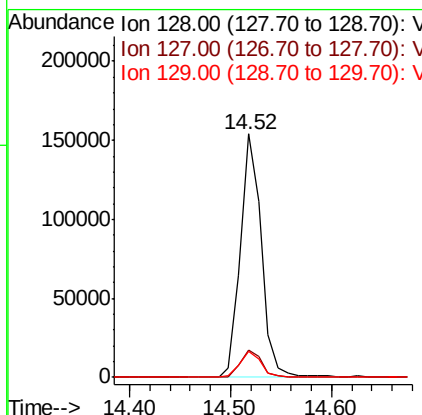
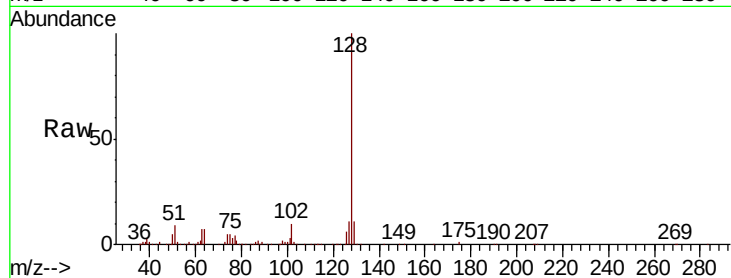
#95  
Naphthalene  
Concen: 22.605 ug/l  
RT: 14.52 min Scan# 1409  
Delta R.T. 0.01 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF1004SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 11.4  | 10.0  | 15.0  |
| 129     | 10.6  | 8.7   | 13.1  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 21.708 ug/l  
RT: 14.67 min Scan# 1424  
Delta R.T. 0.01 min  
Lab File: VF060440.D  
Acq: 4 Oct 2018 17:15

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 99.6  | 46.8  | 140.3 |
| 145     | 32.7  | 16.9  | 50.6  |

