

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF081618\  
 Data File : VF059971.D  
 Acq On : 16 Aug 2018 20:36  
 Operator : VA/AP  
 Sample : VSTDICCC050  
 Misc : 5.00µl/5mL/MSVOA F/SOIL  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

apatel  
 8/17/2018 11:24:21 AM

Quant Time: Aug 17 04:58:08 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F081618S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 17 04:39:04 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.04  | 168  | 122365   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.77  | 114  | 175654   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.92  | 117  | 188084   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.63 | 152  | 133449   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 5.02   | 65  | 142265   | 63.81 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 127.62% |      |
| 35) Dibromofluoromethane  | 4.29   | 113 | 94081    | 52.71 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 105.42% |      |
| 50) Toluene-d8            | 7.72   | 98  | 200468   | 51.61 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 103.22% |      |
| 62) 4-Bromofluorobenzene  | 11.51  | 95  | 133668   | 60.77 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 121.54% |      |

## Target Compounds

|                               |      |     |        |        |      | Qvalue |
|-------------------------------|------|-----|--------|--------|------|--------|
| 2) Dichlorodifluoromethane    | 0.96 | 85  | 101590 | 54.98  | ug/l | 100    |
| 3) Chloromethane              | 1.07 | 50  | 42772  | 54.27  | ug/l | 100    |
| 4) Vinyl Chloride             | 1.12 | 62  | 58513  | 62.72  | ug/l | 100    |
| 5) Bromomethane               | 1.32 | 94  | 52005  | 61.61  | ug/l | 100    |
| 6) Chloroethane               | 1.39 | 64  | 32369  | 54.85  | ug/l | 100    |
| 7) Trichlorofluoromethane     | 1.48 | 101 | 152270 | 57.45  | ug/l | 100    |
| 8) Diethyl Ether              | 1.70 | 74  | 30248  | 76.13  | ug/l | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 1.86 | 101 | 83369  | 60.76  | ug/l | 100    |
| 10) Methyl Iodide             | 1.93 | 142 | 100544 | 49.08  | ug/l | 100    |
| 11) Tert butyl alcohol        | 2.70 | 59  | 49923  | 484.96 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 1.83 | 96  | 54986  | 55.59  | ug/l | 100    |
| 13) Acrolein                  | 2.09 | 56  | 24339  | 455.38 | ug/l | 100    |
| 14) Allyl chloride            | 2.20 | 41  | 90220  | 61.15  | ug/l | 100    |
| 15) Acrylonitrile             | 3.08 | 53  | 79215  | 496.82 | ug/l | 100    |
| 16) Acetone                   | 2.34 | 43  | 232751 | 454.06 | ug/l | 100    |
| 17) Carbon Disulfide          | 1.84 | 76  | 170712 | 63.92  | ug/l | 100    |
| 18) Methyl Acetate            | 2.46 | 43  | 89608  | 112.30 | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 2.54 | 73  | 214838 | 70.67  | ug/l | 100    |
| 20) Methylene Chloride        | 2.28 | 84  | 66508  | 57.76  | ug/l | 100    |
| 21) trans-1,2-Dichloroethene  | 2.41 | 96  | 58030  | 59.14  | ug/l | 100    |
| 22) Diisopropyl ether         | 2.93 | 45  | 225861 | 66.57  | ug/l | 100    |
| 23) Vinyl Acetate             | 3.34 | 43  | 511459 | 312.64 | ug/l | 100    |
| 24) 1,1-Dichloroethane        | 3.00 | 63  | 151089 | 63.76  | ug/l | 100    |
| 25) 2-Butanone                | 4.51 | 43  | 180681 | 375.21 | ug/l | 100    |
| 26) 2,2-Dichloropropane       | 3.76 | 77  | 134426 | 81.43  | ug/l | 100    |
| 27) cis-1,2-Dichloroethene    | 3.64 | 96  | 56274  | 53.47  | ug/l | 100    |
| 28) Bromochloromethane        | 3.89 | 49  | 42143  | 50.70  | ug/l | 100    |
| 29) Tetrahydrofuran           | 4.27 | 42  | 68838  | 407.06 | ug/l | 100    |
| 30) Chloroform                | 4.04 | 83  | 168389 | 53.90  | ug/l | 100    |
| 31) Cyclohexane               | 3.85 | 56  | 56836  | 50.87  | ug/l | 100    |
| 32) 1,1,1-Trichloroethane     | 4.28 | 97  | 159956 | 60.54  | ug/l | 100    |
| 36) 1,1-Dichloropropene       | 4.46 | 75  | 95583  | 49.12  | ug/l | 100    |
| 37) Ethyl Acetate             | 4.29 | 43  | 75970  | 79.99  | ug/l | 100    |
| 38) Carbon Tetrachloride      | 4.17 | 117 | 139520 | 44.16  | ug/l | 100    |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF081618\  
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 Operator : VA/AP  
 Sample : VSTDICCC050  
 Misc : 5.00µ/5mL/MSVOA F/SOIL  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDICCC050

Manual Integrations  
 APPROVED

apatel  
 8/17/2018 11:24:21 AM

Quant Time: Aug 17 04:58:08 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F081618S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Aug 17 04:39:04 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units | Dev(Min) |
|--------------------------------|-------|------|----------|---------|-------|----------|
| 39) Methylcyclohexane          | 5.63  | 83   | 70259    | 49.77   | ug/l  | 100      |
| 40) Benzene                    | 4.82  | 78   | 158089   | 48.34   | ug/l  | 100      |
| 41) Methacrylonitrile          | 4.93  | 41   | 32498    | 71.88   | ug/l  | 100      |
| 42) 1,2-Dichloroethane         | 5.12  | 62   | 157263   | 58.45   | ug/l  | 100      |
| 43) Isopropyl Acetate          | 7.11  | 43   | 83425    | 80.42   | ug/l  | 100      |
| 44) Trichloroethene            | 5.67  | 130  | 63323    | 49.94   | ug/l  | 100      |
| 45) 1,2-Dichloropropane        | 6.40  | 63   | 48643    | 54.82   | ug/l  | 100      |
| 46) Dibromomethane             | 6.26  | 93   | 54949    | 61.12   | ug/l  | 100      |
| 47) Bromodichloromethane       | 6.55  | 83   | 136620   | 54.14   | ug/l  | 100      |
| 48) Methyl methacrylate        | 6.88  | 41   | 61194    | 80.32   | ug/l  | 100      |
| 49) 1,4-Dioxane                | 6.88  | 88   | 11888    | 1933.12 | ug/l  | 100      |
| 51) 4-Methyl-2-Pentanone       | 8.41  | 43   | 388277   | 393.99  | ug/l  | 100      |
| 52) Toluene                    | 7.78  | 92   | 124436   | 50.82   | ug/l  | 100      |
| 53) t-1,3-Dichloropropene      | 8.44  | 75   | 121566   | 58.02   | ug/l  | 100      |
| 54) cis-1,3-Dichloropropene    | 7.46  | 75   | 113907   | 57.45   | ug/l  | 100      |
| 55) 1,1,2-Trichloroethane      | 8.64  | 97   | 57543    | 64.95   | ug/l  | 100      |
| 56) Ethyl methacrylate         | 8.76  | 69   | 75460    | 76.16   | ug/l  | 100      |
| 57) 1,3-Dichloropropane        | 9.01  | 76   | 107050   | 65.96   | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 7.78  | 63   | 31330    | 259.50  | ug/l  | 100      |
| 59) 2-Hexanone                 | 9.64  | 43   | 319216   | 430.93  | ug/l  | 100      |
| 60) Dibromochloromethane       | 8.87  | 129  | 107778   | 62.66   | ug/l  | 100      |
| 61) 1,2-Dibromoethane          | 9.13  | 107  | 77658    | 69.27   | ug/l  | 100      |
| 64) Tetrachloroethene          | 8.31  | 164  | 68797    | 47.10   | ug/l  | 100      |
| 65) Chlorobenzene              | 9.94  | 112  | 178956   | 49.31   | ug/l  | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.07 | 131  | 84542    | 48.29   | ug/l  | 100      |
| 67) Ethyl Benzene              | 10.04 | 91   | 320499   | 49.86   | ug/l  | 100      |
| 68) m/p-Xylenes                | 10.27 | 106  | 215729   | 99.59   | ug/l  | 100      |
| 69) o-Xylene                   | 10.83 | 106  | 118240   | 50.35   | ug/l  | 100      |
| 70) Styrene                    | 10.91 | 104  | 190784   | 54.15   | ug/l  | 100      |
| 71) Bromoform                  | 10.89 | 173  | 74668    | 64.61   | ug/l  | 100      |
| 73) Isopropylbenzene           | 11.23 | 105  | 394107   | 47.77   | ug/l  | 100      |
| 74) N-amyl acetate             | 11.46 | 43   | 141193   | 70.60   | ug/l  | 100      |
| 75) 1,1,2,2-Tetrachloroethane  | 11.79 | 83   | 95141    | 63.68   | ug/l  | 100      |
| 76) 1,2,3-Trichloropropane     | 11.89 | 75   | 85992    | 66.38   | ug/l  | 100      |
| 77) Bromobenzene               | 11.60 | 156  | 110168   | 49.99   | ug/l  | 100      |
| 78) n-propylbenzene            | 11.69 | 91   | 466890   | 48.01   | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 11.82 | 91   | 288291   | 47.16   | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.91 | 105  | 353750   | 46.00   | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.96 | 75   | 36924m   | 68.15   | ug/l  |          |
| 82) 4-Chlorotoluene            | 11.99 | 91   | 322210   | 47.63   | ug/l  | 100      |
| 83) tert-Butylbenzene          | 12.22 | 119  | 345690   | 45.92   | ug/l  | 100      |
| 84) 1,2,4-Trimethylbenzene     | 12.29 | 105  | 367987   | 47.60   | ug/l  | 100      |
| 85) sec-Butylbenzene           | 12.39 | 105  | 444310   | 46.39   | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 12.55 | 119  | 397990   | 47.00   | ug/l  | 100      |
| 87) 1,3-Dichlorobenzene        | 12.56 | 146  | 199403   | 47.97   | ug/l  | 100      |
| 88) 1,4-Dichlorobenzene        | 12.64 | 146  | 201265   | 49.31   | ug/l  | 100      |
| 89) n-Butylbenzene             | 12.92 | 91   | 399235   | 48.72   | ug/l  | 100      |
| 90) Hexachloroethane           | 13.00 | 117  | 89426    | 43.06   | ug/l  | 100      |
| 91) 1,2-Dichlorobenzene        | 13.02 | 146  | 205997   | 50.54   | ug/l  | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.72 | 75   | 31819    | 75.53   | ug/l  | 100      |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF081618\  
Data File : VF059971.D  
Acq On : 16 Aug 2018 20:36  
Operator : VA/AP  
Sample : VSTDICCC050  
Misc : 5.00g/5mL/MSVOA F/SOIL  
ALS Vial : 35 Sample Multiplier: 1

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

Manual Integrations  
APPROVED

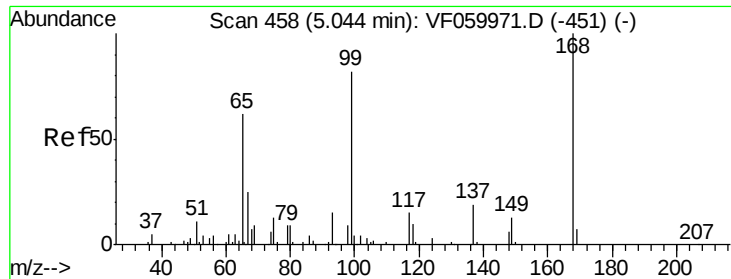
apatel  
8/17/2018 11:24:21 AM

Quant Time: Aug 17 04:58:08 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_F\METHODS\82F081618S.M  
Quant Title : SW846 8260  
QLast Update : Fri Aug 17 04:39:04 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.27 | 180  | 166738   | 51.51 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 14.26 | 225  | 104364   | 45.93 | ug/l  | 100      |
| 95) Naphthalene            | 14.53 | 128  | 319892   | 58.90 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.67 | 180  | 166180   | 53.38 | ug/l  | 100      |

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





#1

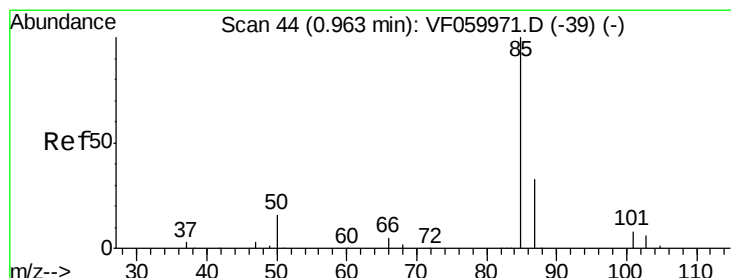
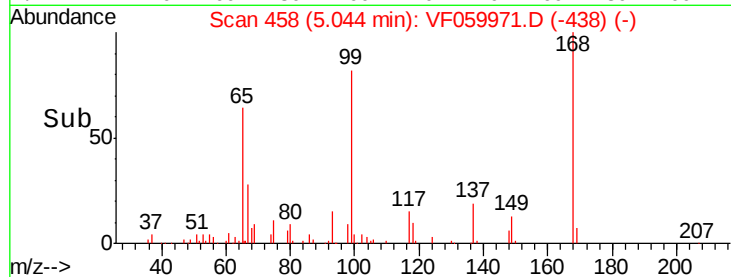
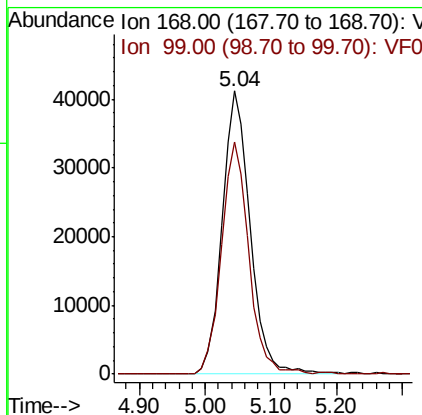
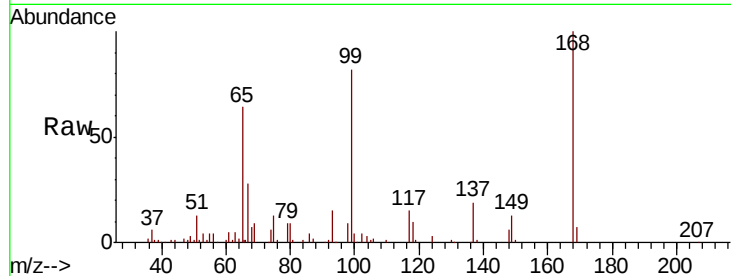
Pentafluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.04 min Scan# 458  
 Delta R.T. 0.00 min  
 Lab File: VF059971.D  
 Acq: 16 Aug 2018 20:36

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 168     | 100   | 122365 |       |       |
| 99      | 82.1  | 65.7   | 98.5  |       |

Manual Integrations  
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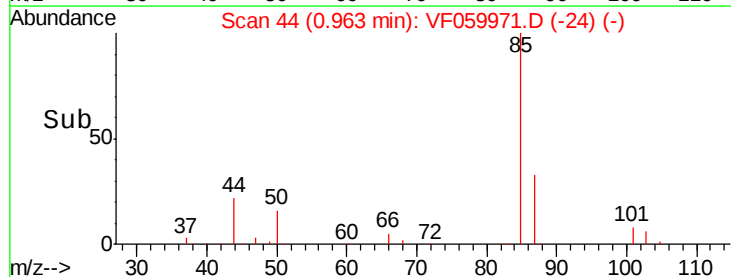
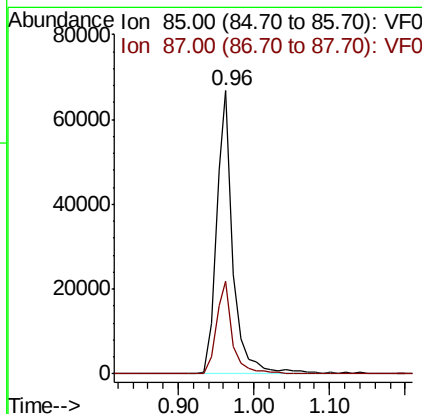
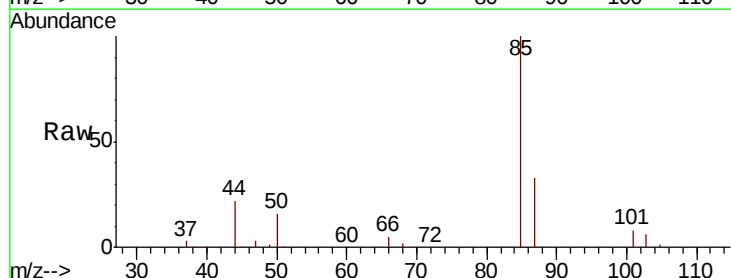
apatel  
 8/17/2018 11:24:21 AM

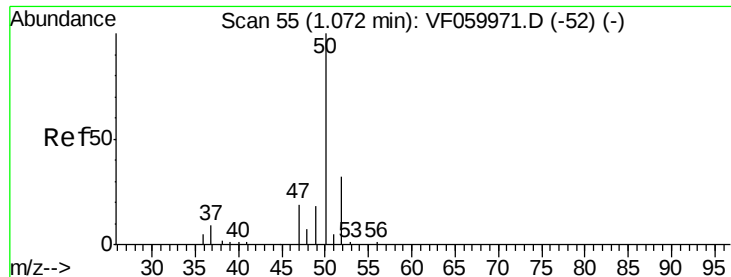


#2

Dichlorodifluoromethane  
 Concen: 54.98 ug/l  
 RT: 0.96 min Scan# 44  
 Delta R.T. 0.00 min  
 Lab File: VF059971.D  
 Acq: 16 Aug 2018 20:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 85      | 100   | 101590 |       |       |
| 87      | 32.9  | 16.4   | 49.4  |       |





#3

Chloromethane

Concen: 54.27 ug/l

RT: 1.07 min Scan# 55

Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

Instrument :

MSVOA\_F

ClientSampleId :

VSTDICCC050

Tot Ion: 50 Resp: 42772

Ion Ratio Lower Upper

50 100

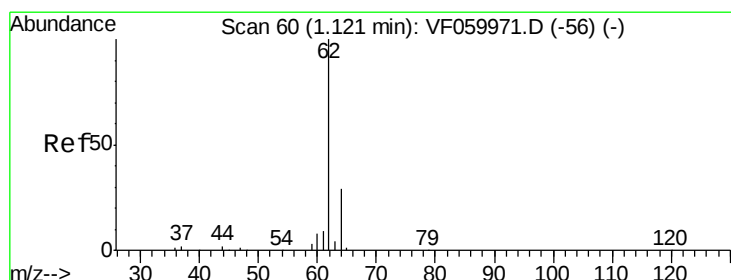
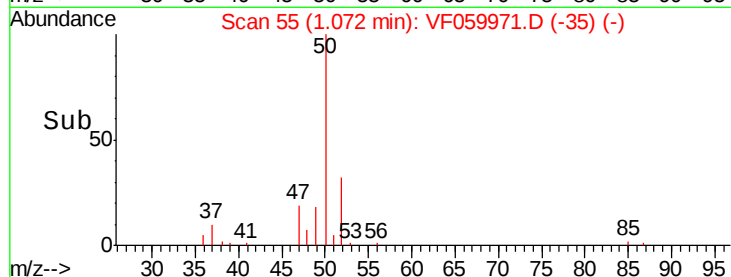
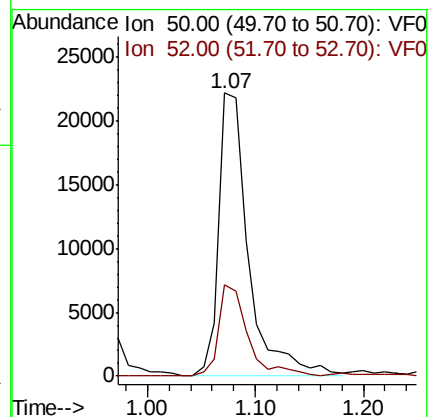
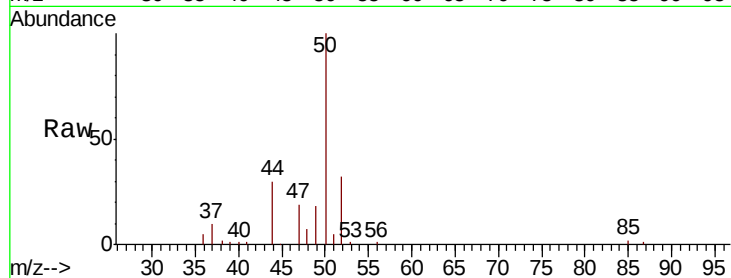
52 32.1 25.7 38.5

Manual Integrations

APPROVED

apatel

8/17/2018 11:24:21 AM



#4

Vinyl Chloride

Concen: 62.72 ug/l

RT: 1.12 min Scan# 60

Delta R.T. 0.00 min

Lab File: VF059971.D

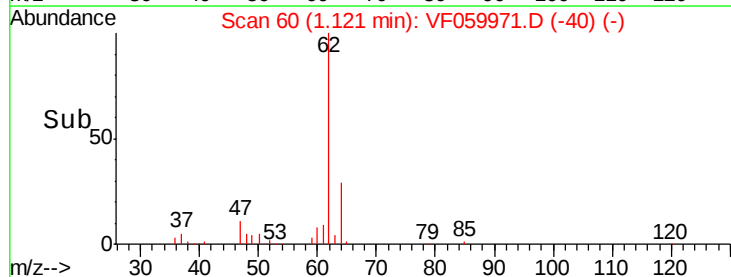
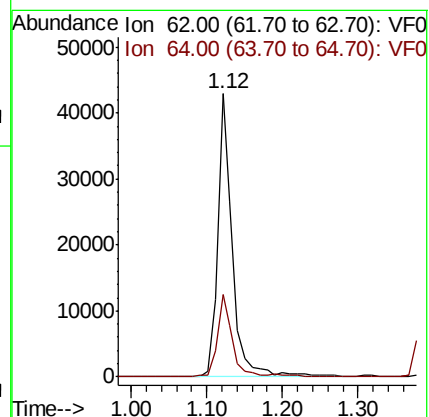
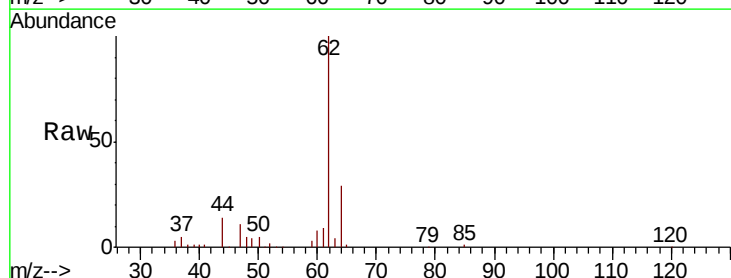
Acq: 16 Aug 2018 20:36

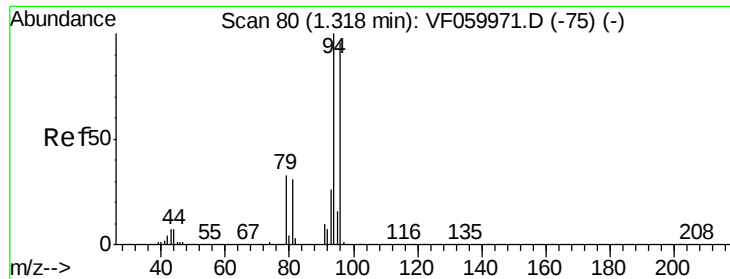
Tgt Ion: 62 Resp: 58513

Ion Ratio Lower Upper

62 100

64 28.9 23.1 34.7





#5

Bromomethane

Concen: 61.61 ug/l

RT: 1.32 min Scan# 80

Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

Instrument :

MSVOA\_F

ClientSampleId :

VSTDICCC050

Tot Ion: 94 Resp: 52005

Ion Ratio Lower Upper

94 100

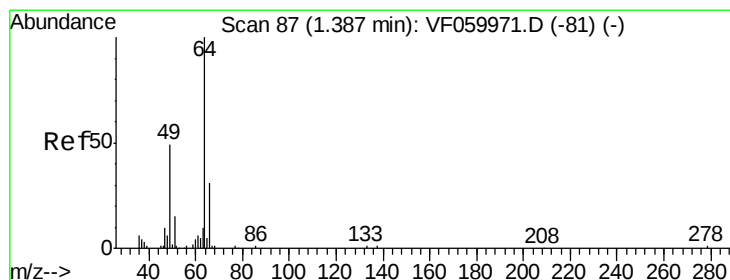
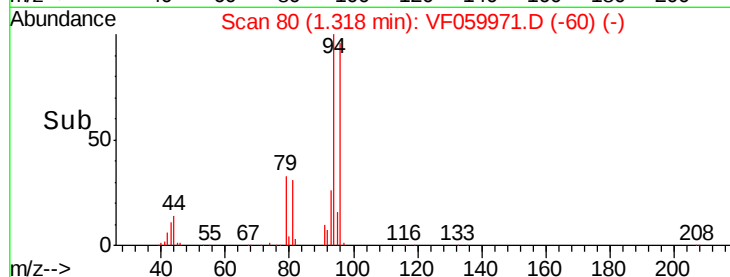
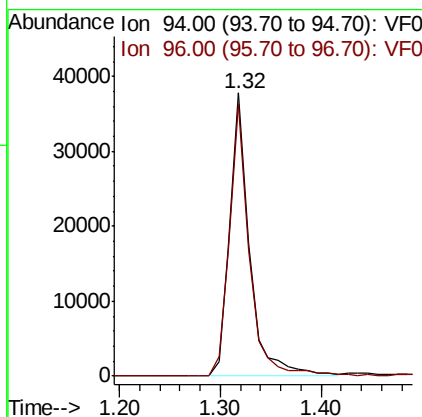
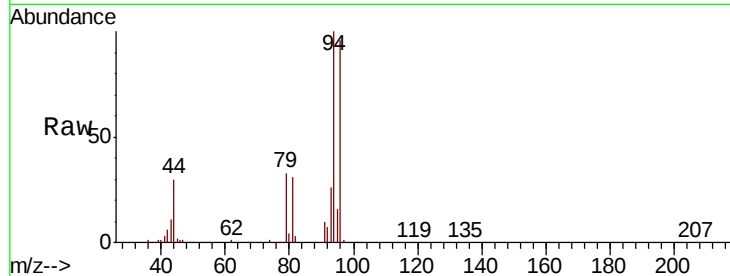
96 95.9 76.7 115.1

Manual Integrations

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apatel

8/17/2018 11:24:21 AM



#6

Chloroethane

Concen: 54.85 ug/l

RT: 1.39 min Scan# 87

Delta R.T. 0.00 min

Lab File: VF059971.D

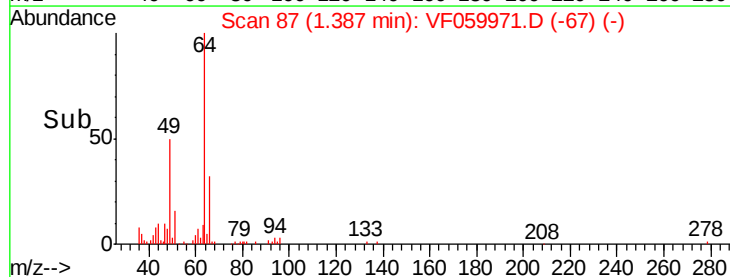
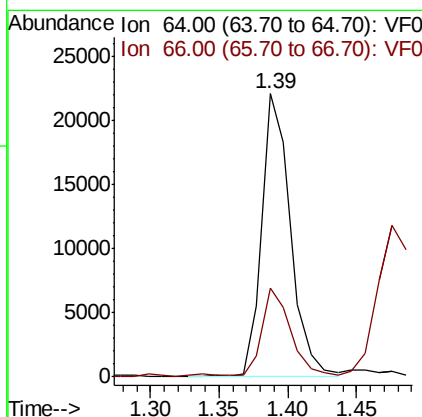
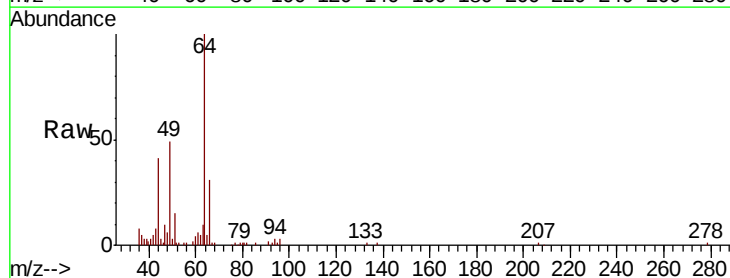
Acq: 16 Aug 2018 20:36

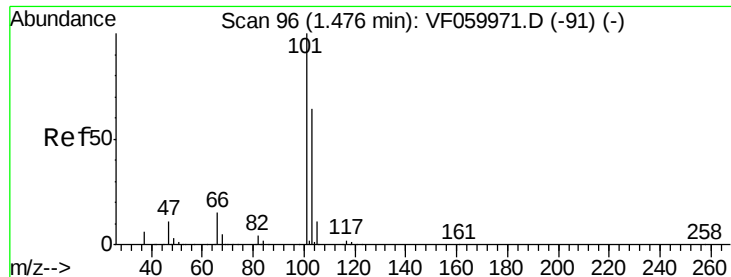
Tgt Ion: 64 Resp: 32369

Ion Ratio Lower Upper

64 100

66 31.2 25.0 37.4





#7

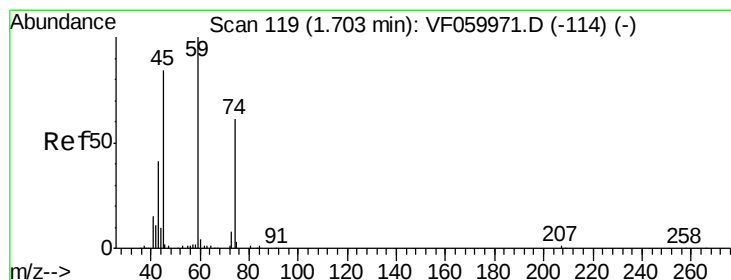
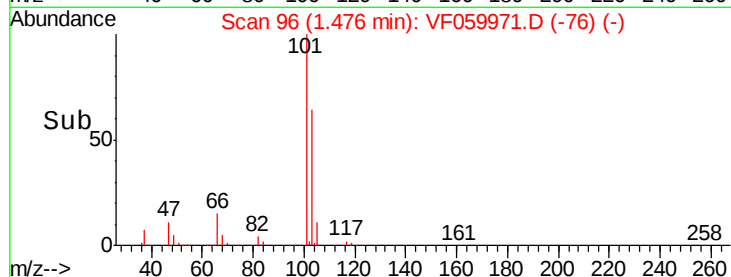
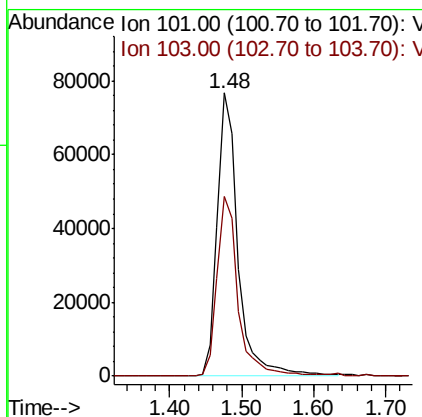
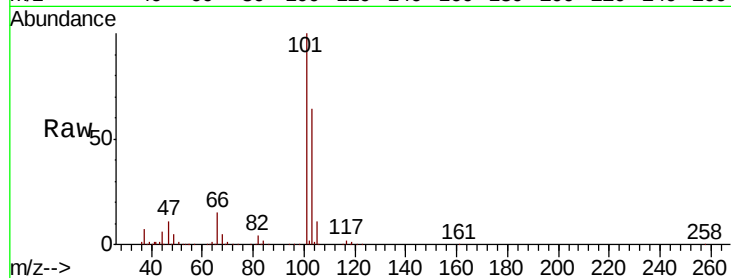
Trichlorofluoromethane  
Concen: 57.45 ug/l  
RT: 1.48 min Scan# 96  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.6  | 50.9  | 76.3  |

Manual Integrations  
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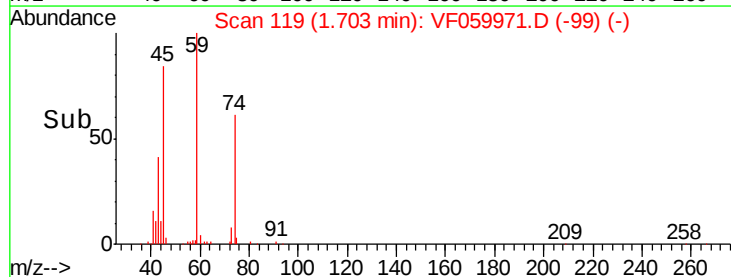
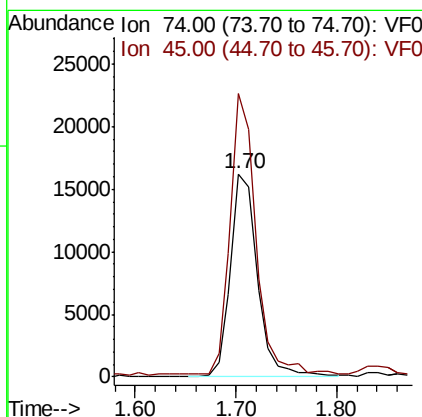
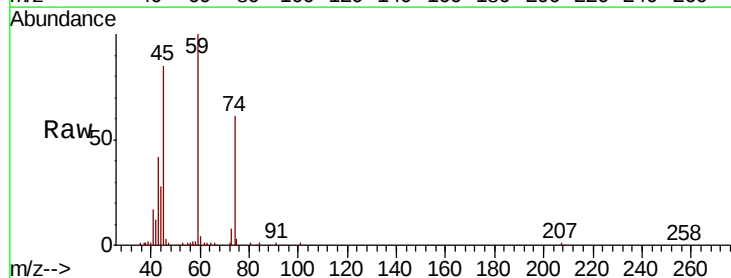
apatel  
8/17/2018 11:24:21 AM

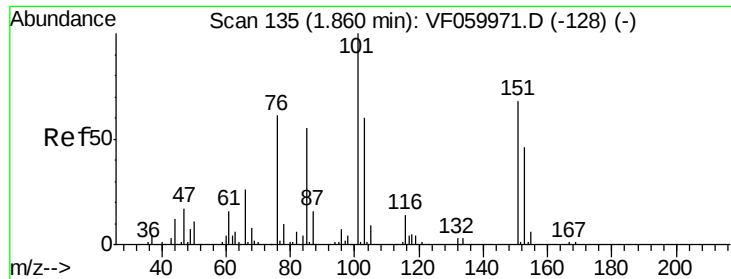


#8

Diethyl Ether  
Concen: 76.13 ug/l  
RT: 1.70 min Scan# 119  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 139.6 | 69.8  | 209.4 |





#9

1,1,2-Trichlorotrifluoroethane

Concen: 60.76 ug/l

RT: 1.86 min Scan# 135

Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

Instrument :

MSVOA\_F

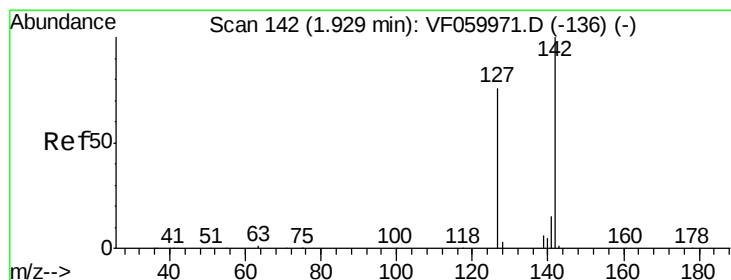
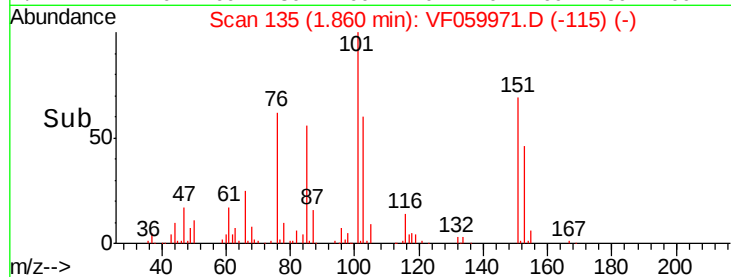
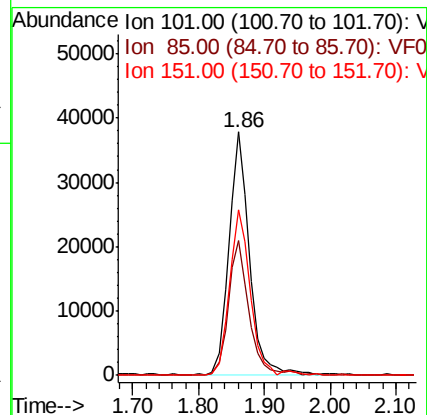
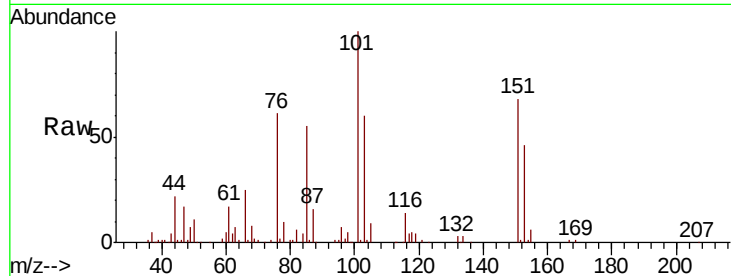
ClientSampleId :

VSTDICCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 101   | Resp: | 83369 |
| Ion Ratio | Lower | Upper |       |
| 101       | 100   |       |       |
| 85        | 55.3  | 44.2  | 66.4  |
| 151       | 68.1  | 54.5  | 81.7  |

Manual Integrations  
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apatel  
8/17/2018 11:24:21 AM



#10

Methyl Iodide

Concen: 49.08 ug/l

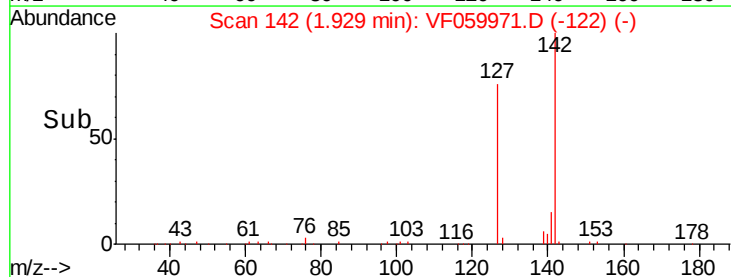
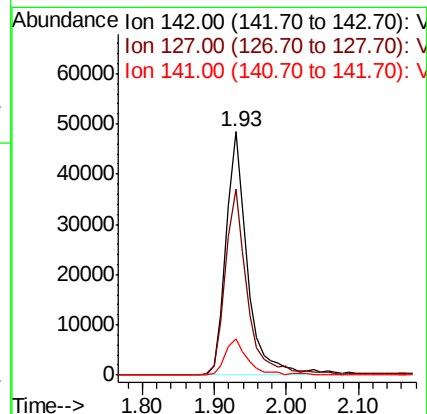
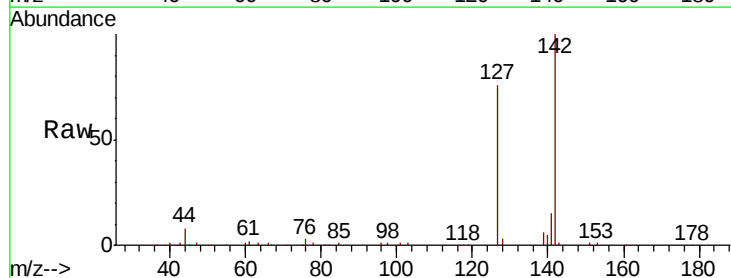
RT: 1.93 min Scan# 142

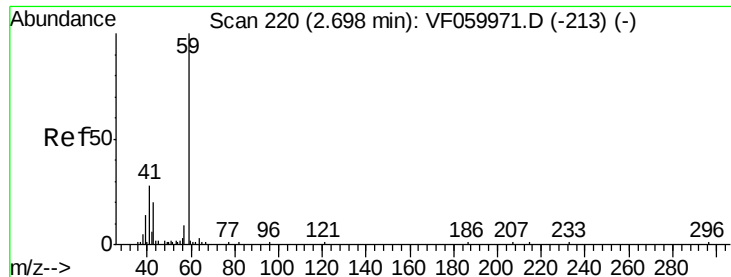
Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 100544 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 76.3  | 61.0  | 91.6   |
| 141       | 15.1  | 12.1  | 18.1   |





#11

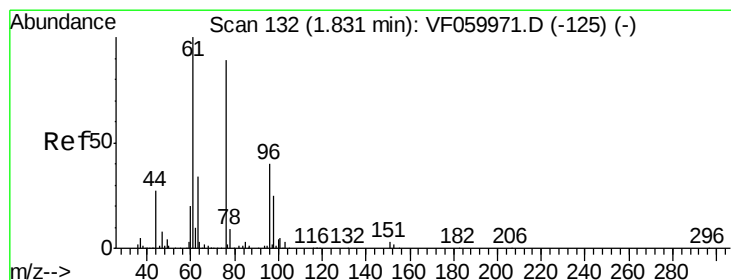
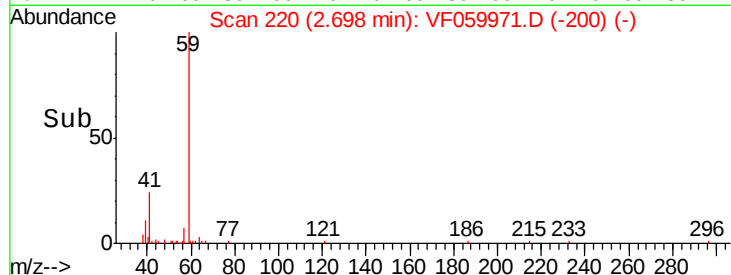
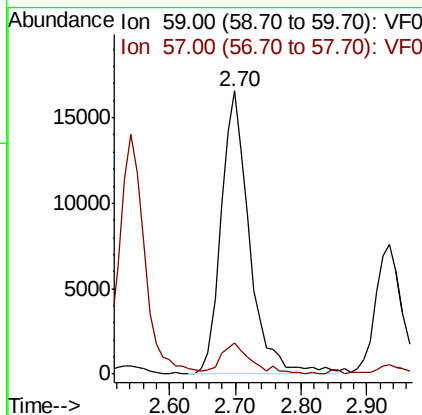
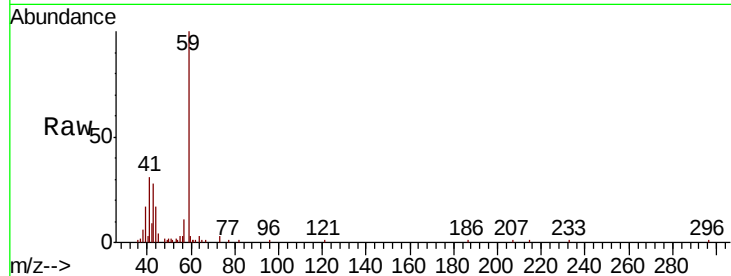
Tert butyl alcohol  
 Concen: 484.96 ug/l  
 RT: 2.70 min Scan# 220  
 Delta R.T. 0.00 min  
 Lab File: VF059971.D  
 Acq: 16 Aug 2018 20:36

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 11.0  | 8.8   | 13.2  |

Manual Integrations  
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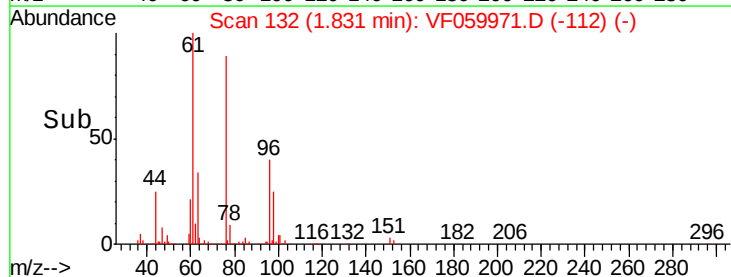
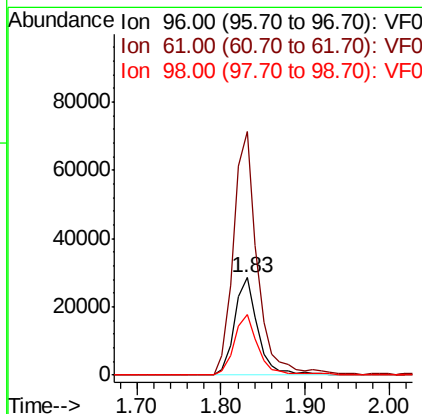
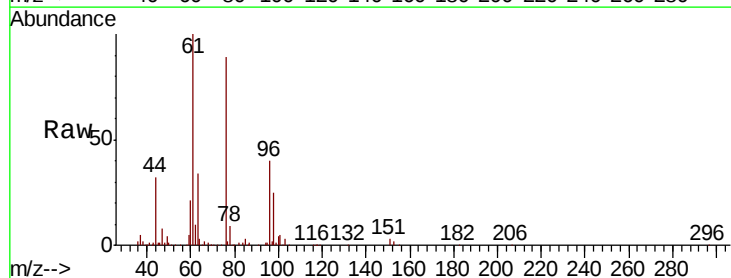
apatel  
 8/17/2018 11:24:21 AM

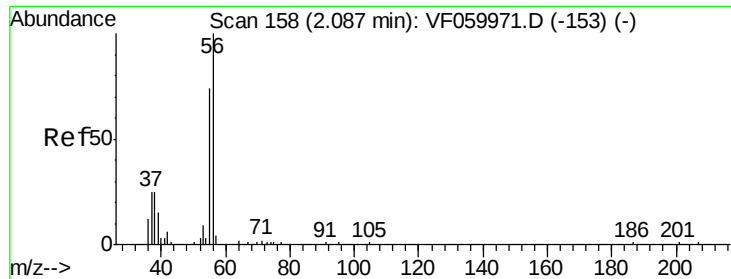


#12

1,1-Dichloroethene  
 Concen: 55.59 ug/l  
 RT: 1.83 min Scan# 132  
 Delta R.T. 0.00 min  
 Lab File: VF059971.D  
 Acq: 16 Aug 2018 20:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 250.0 | 200.0 | 300.0 |
| 98      | 62.3  | 49.8  | 74.8  |





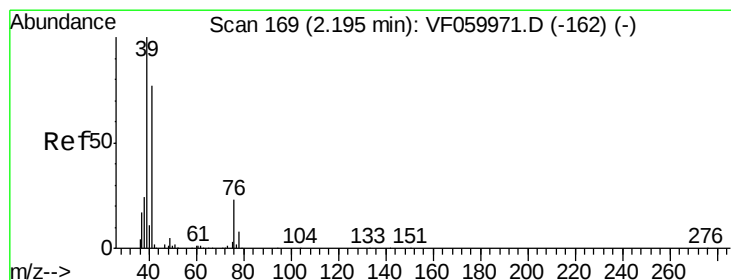
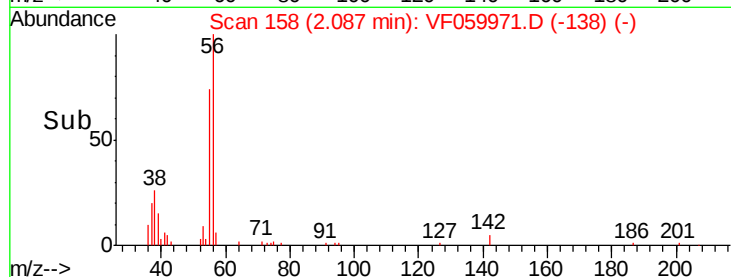
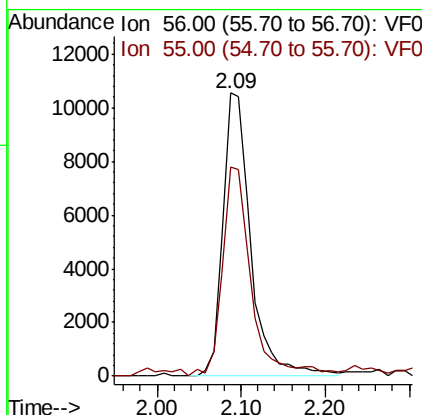
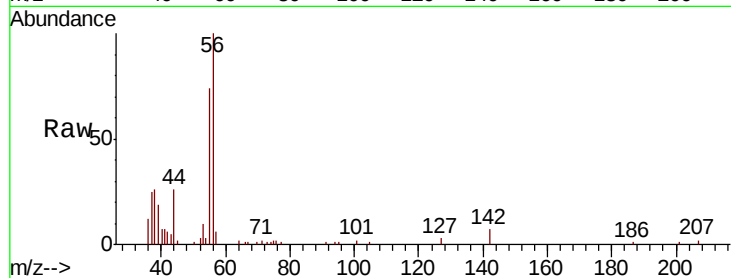
#13  
 Acrolein  
 Concen: 455.38 ug/l  
 RT: 2.09 min Scan# 158  
 Delta R.T. 0.00 min  
 Lab File: VF059971.D  
 Acq: 16 Aug 2018 20:36

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion   | 56   | Resp  | 24339 |
|-----------|------|-------|-------|
| Ion Ratio | 100  | Lower | Upper |
| 55        | 74.0 | 59.2  | 88.8  |

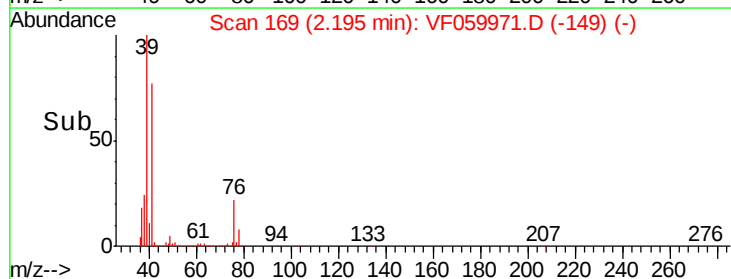
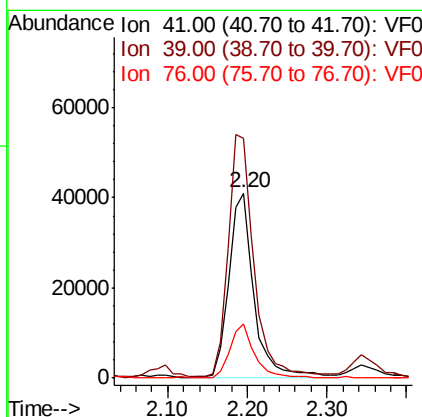
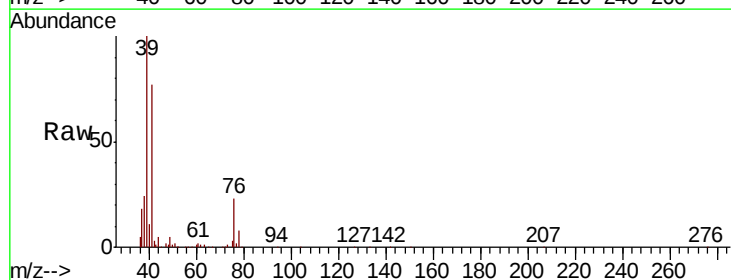
Manual Integrations  
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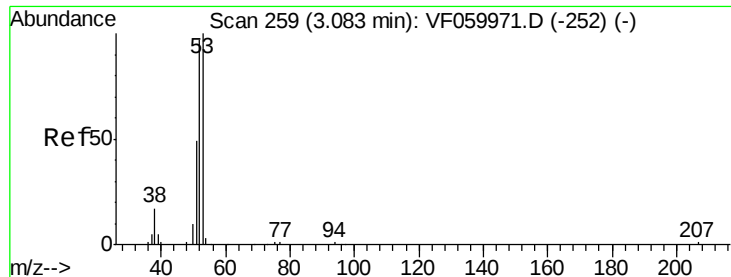
apatel  
 8/17/2018 11:24:21 AM



#14  
 Allyl chloride  
 Concen: 61.15 ug/l  
 RT: 2.20 min Scan# 169  
 Delta R.T. 0.00 min  
 Lab File: VF059971.D  
 Acq: 16 Aug 2018 20:36

| Tgt Ion   | 41    | Resp  | 90220 |
|-----------|-------|-------|-------|
| Ion Ratio | 100   | Lower | Upper |
| 39        | 129.5 | 103.6 | 155.4 |
| 76        | 29.4  | 23.5  | 35.3  |





#15

Acrylonitrile

Concen: 496.82 ug/l

RT: 3.08 min Scan# 259

Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

Instrument :

MSVOA\_F

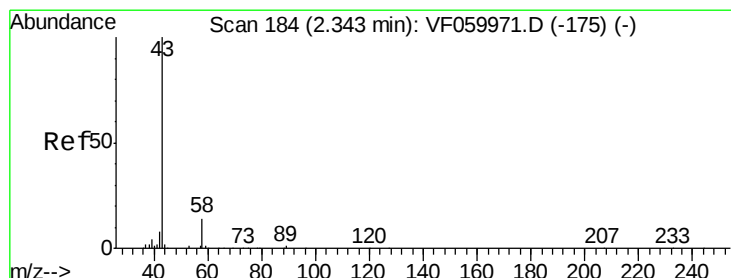
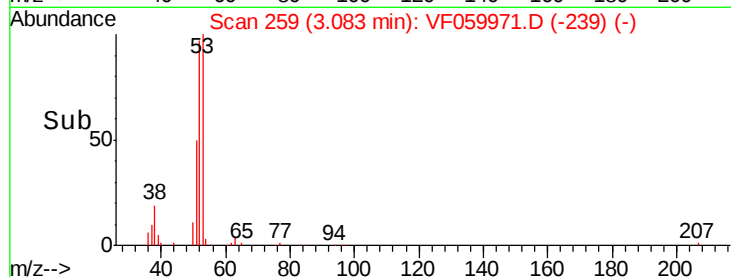
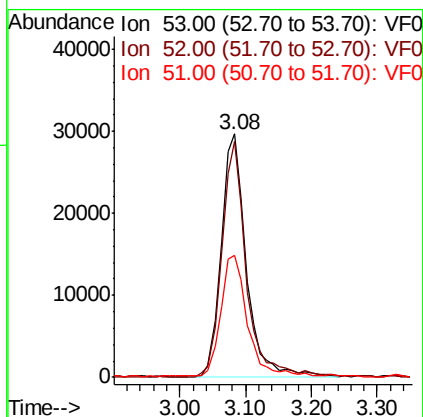
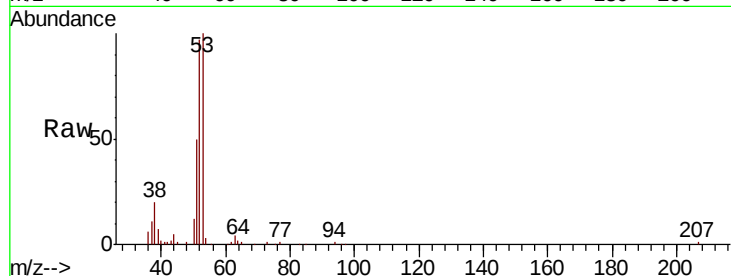
ClientSampleId :

VSTDICCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 79215 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 97.0  | 77.6  | 116.4 |
| 51       | 50.2  | 40.2  | 60.2  |

Manual Integrations  
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apatel  
8/17/2018 11:24:21 AM



#16

Acetone

Concen: 454.06 ug/l

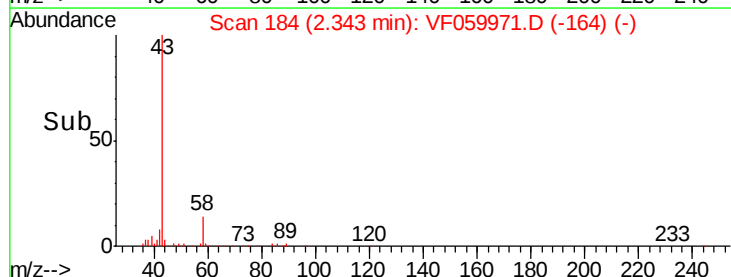
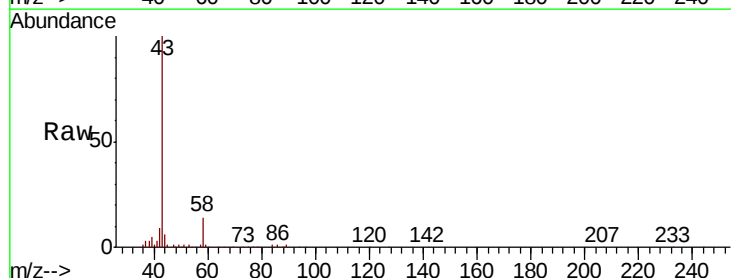
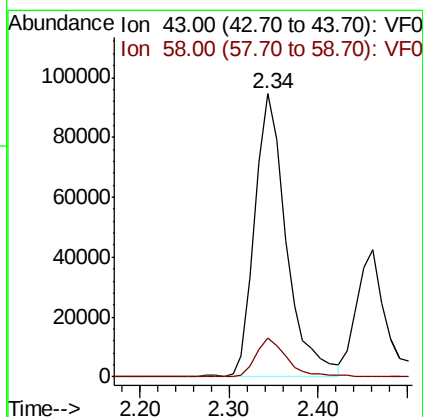
RT: 2.34 min Scan# 184

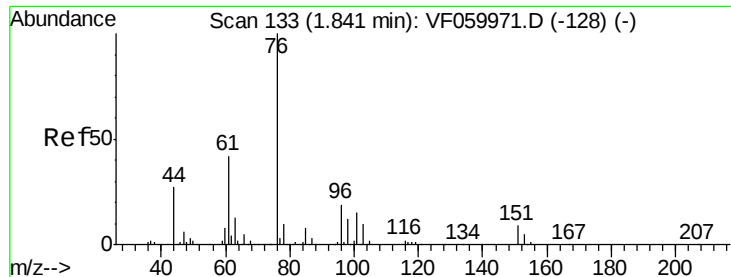
Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 232751 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 13.9  | 11.1  | 16.7   |





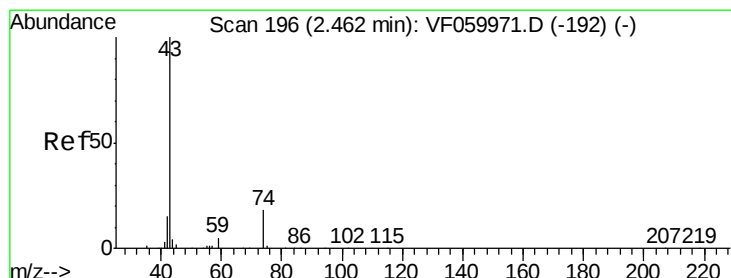
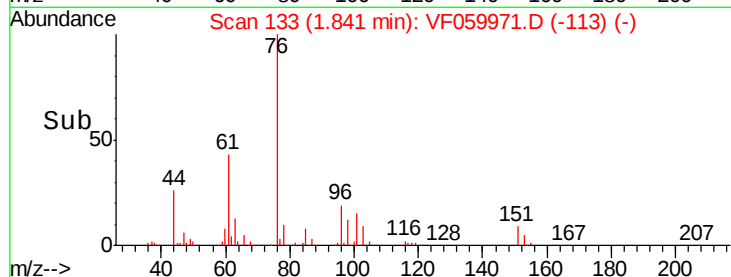
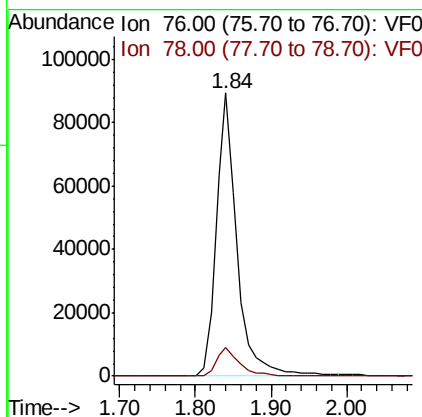
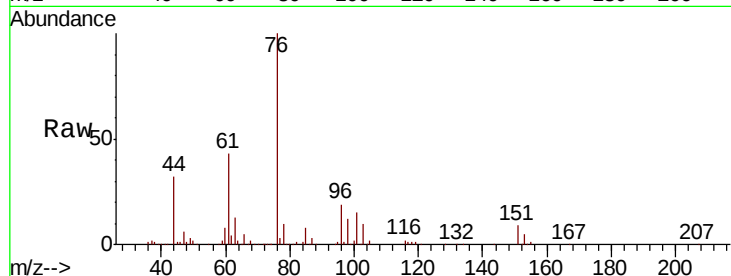
#17  
Carbon Disulfide  
Concen: 63.92 ug/l  
RT: 1.84 min Scan# 133  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 10.0  | 8.0   | 12.0  |

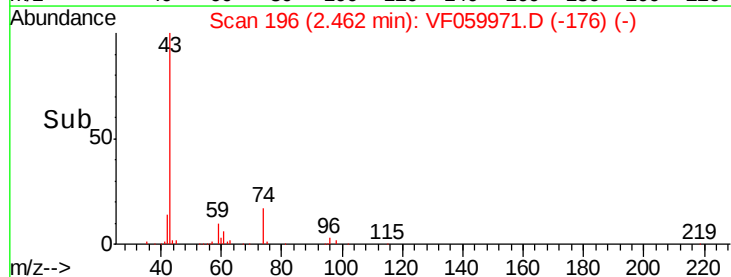
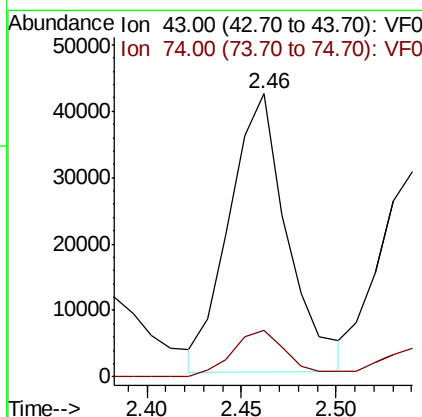
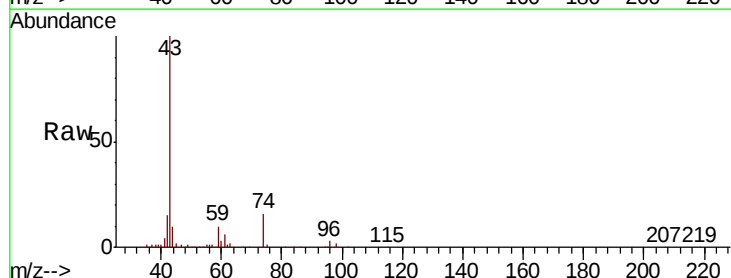
Manual Integrations  
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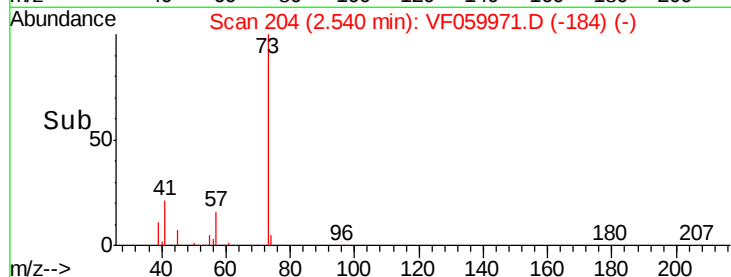
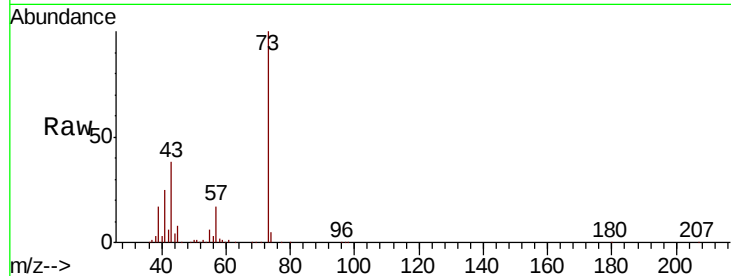
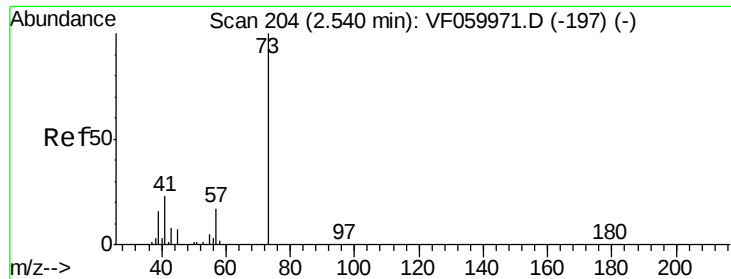
apatel  
8/17/2018 11:24:21 AM



#18  
Methyl Acetate  
Concen: 112.30 ug/l  
RT: 2.46 min Scan# 196  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 74      | 16.5  | 13.2  | 19.8  |





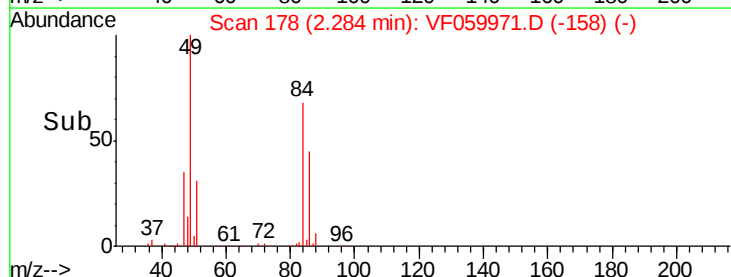
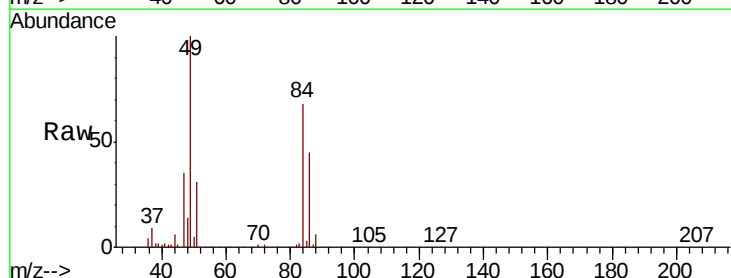
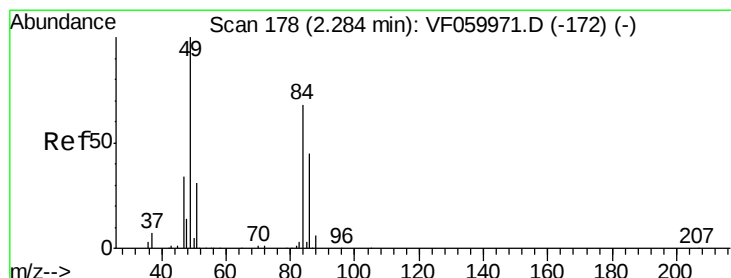
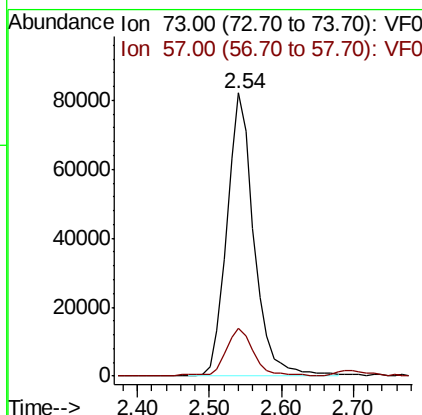
#19  
Methvl tert-butvl Ether  
Concen: 70.67 ug/l  
RT: 2.54 min Scan# 204  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

Tot Ion: 73 Resp: 214838  
Ion Ratio Lower Upper  
73 100  
57 17.1 13.7 20.5

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

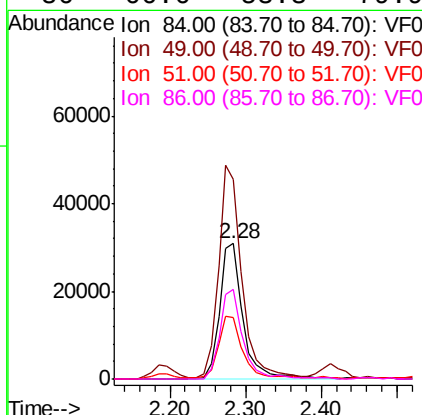
Manual Integrations  
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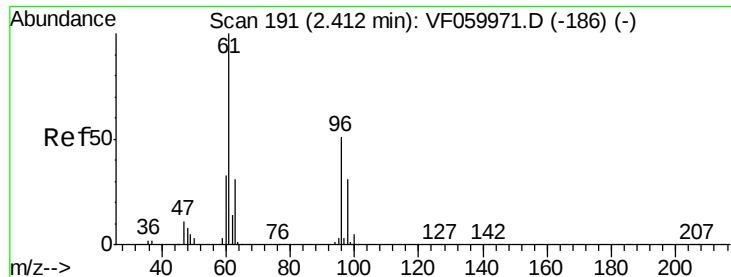
apatel  
8/17/2018 11:24:21 AM



#20  
Methylene Chloride  
Concen: 57.76 ug/l  
RT: 2.28 min Scan# 178  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

Tgt Ion: 84 Resp: 66508  
Ion Ratio Lower Upper  
84 100  
49 147.7 118.2 177.2  
51 45.4 36.3 54.5  
86 66.6 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 59.14 ug/l

RT: 2.41 min Scan# 191

Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

Instrument :

MSVOA\_F

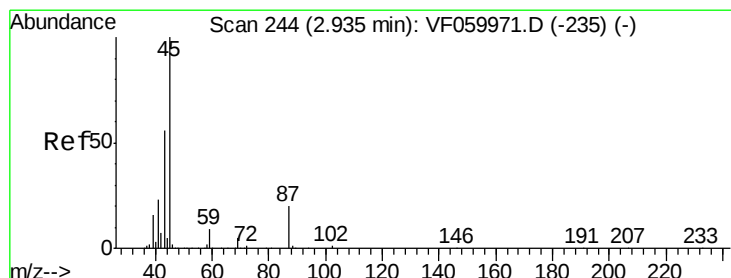
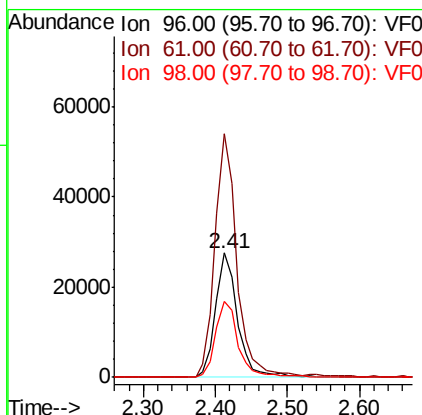
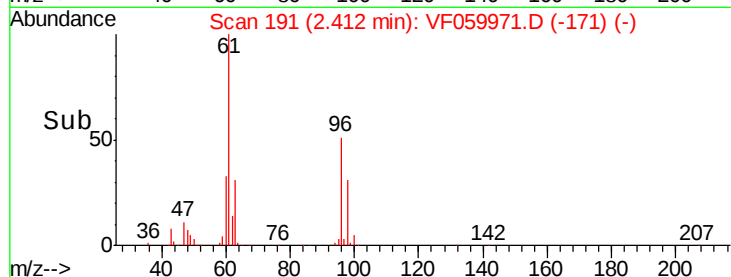
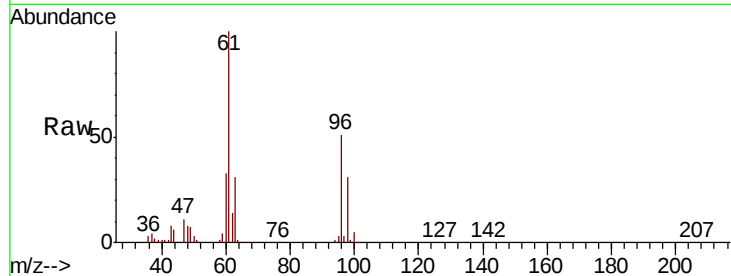
ClientSampled :

VSTDICCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 96    | Resp: | 58030 |
| Ion Ratio | Lower | Upper |       |
| 96        | 100   |       |       |
| 61        | 196.1 | 156.9 | 235.3 |
| 98        | 60.8  | 48.6  | 73.0  |

Manual Integrations  
APPROVED

apatel  
8/17/2018 11:24:21 AM



#22

Diisopropyl ether

Concen: 66.57 ug/l

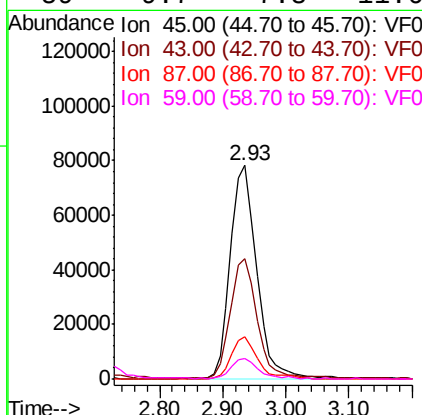
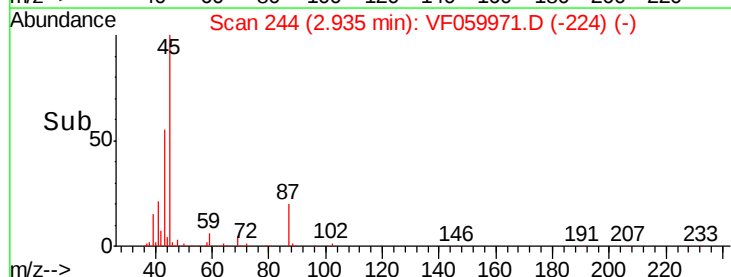
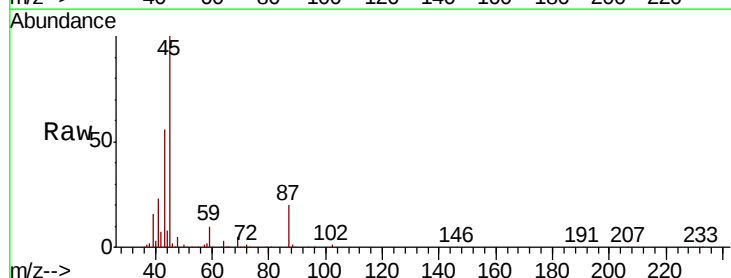
RT: 2.93 min Scan# 244

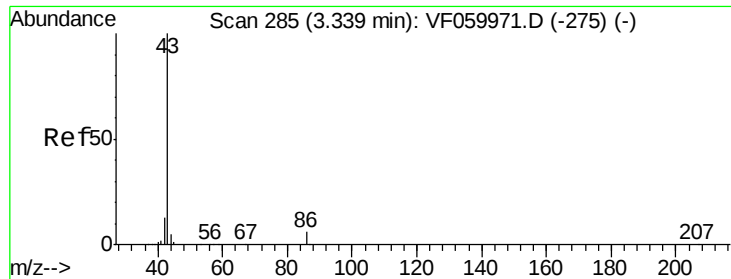
Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 45    | Resp: | 225861 |
| Ion Ratio | Lower | Upper |        |
| 45        | 100   |       |        |
| 43        | 56.1  | 44.9  | 67.3   |
| 87        | 19.7  | 15.8  | 23.6   |
| 59        | 9.7   | 7.8   | 11.6   |





#23

Vinyl Acetate

Concen: 312.64 ug/l

RT: 3.34 min Scan# 285

Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

Instrument :

MSVOA\_F

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 511459

Ion Ratio Lower Upper

43 100

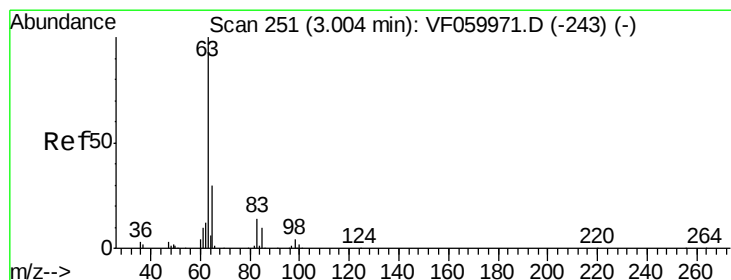
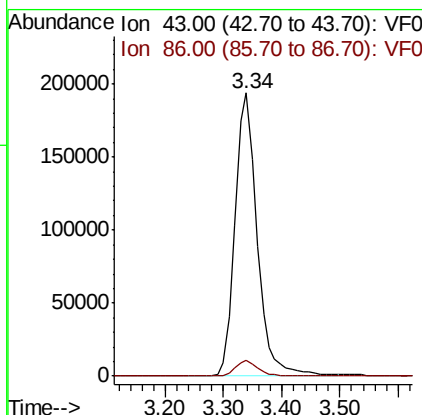
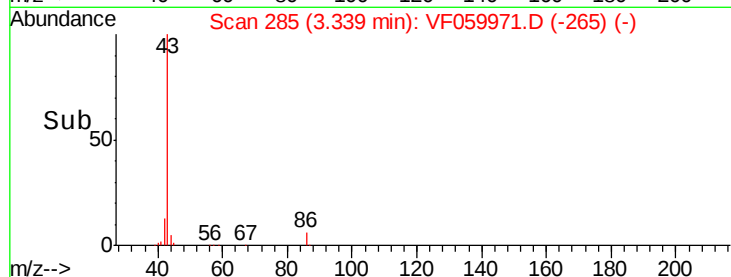
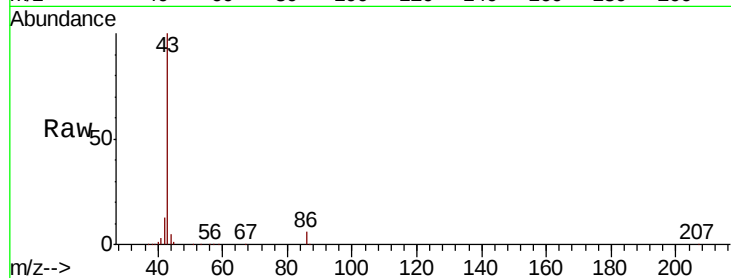
86 5.6 4.5 6.7

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 63.76 ug/l

RT: 3.00 min Scan# 251

Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

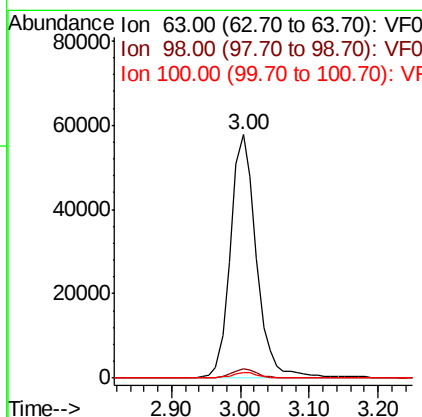
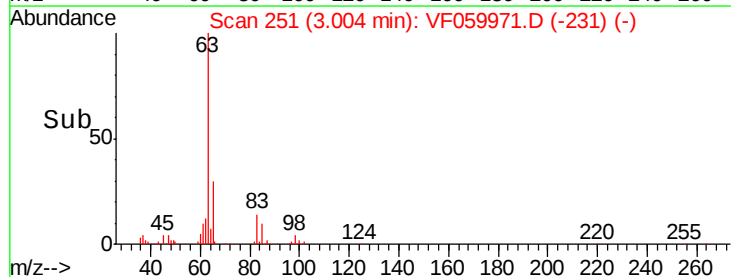
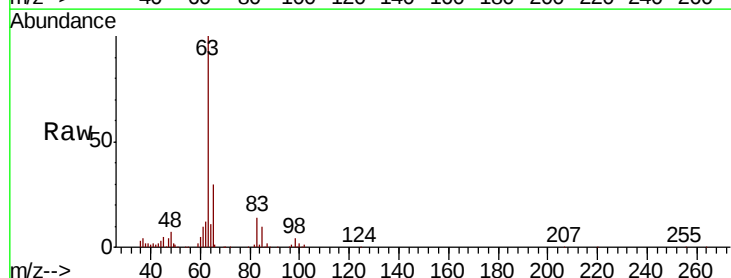
Tgt Ion: 63 Resp: 151089

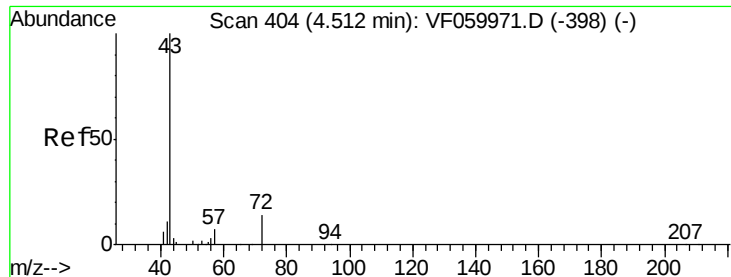
Ion Ratio Lower Upper

63 100

98 3.6 1.8 5.4

100 2.1 1.1 3.1





#25

2-Butanone

Concen: 375.21 ug/l

RT: 4.51 min Scan# 404

Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

Instrument :

MSVOA\_F

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 180681

Ion Ratio Lower Upper

43 100

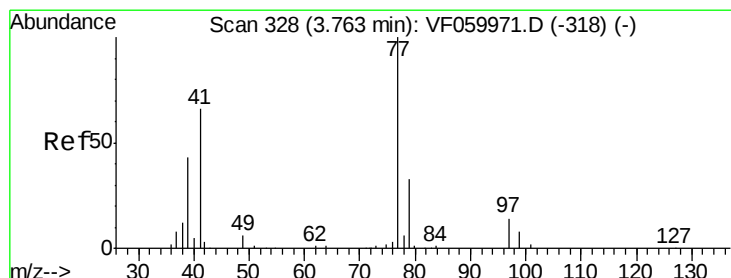
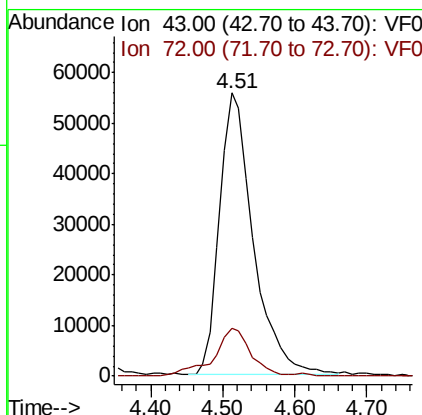
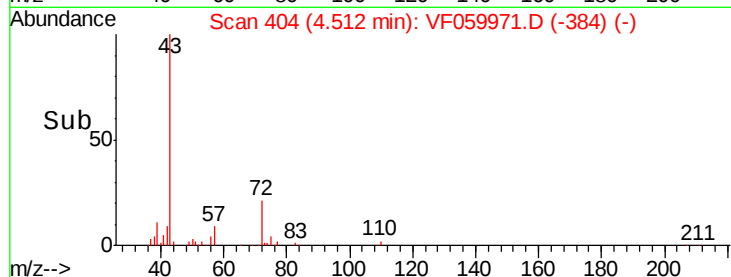
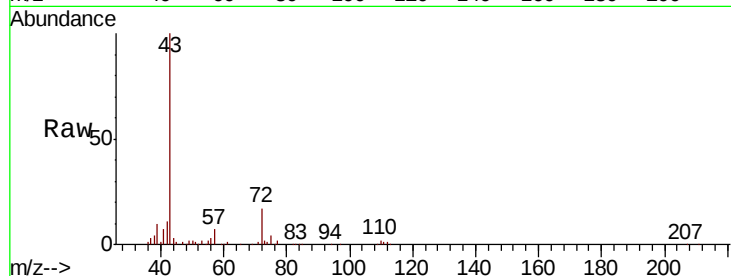
72 16.8 13.4 20.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 81.43 ug/l

RT: 3.76 min Scan# 328

Delta R.T. 0.00 min

Lab File: VF059971.D

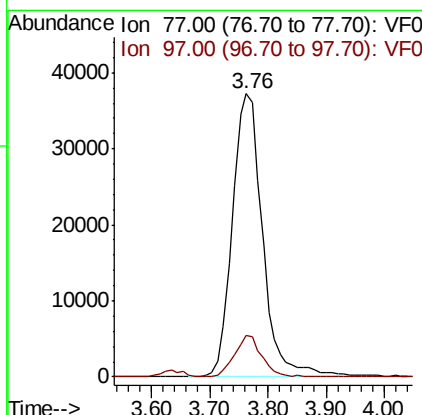
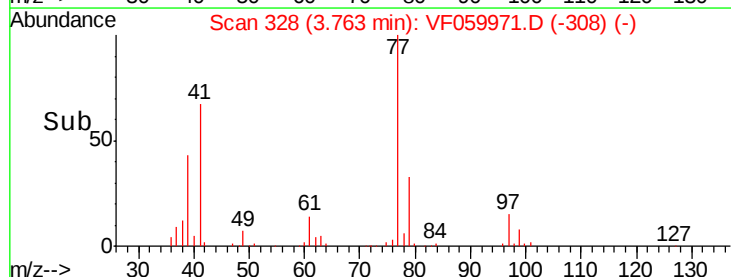
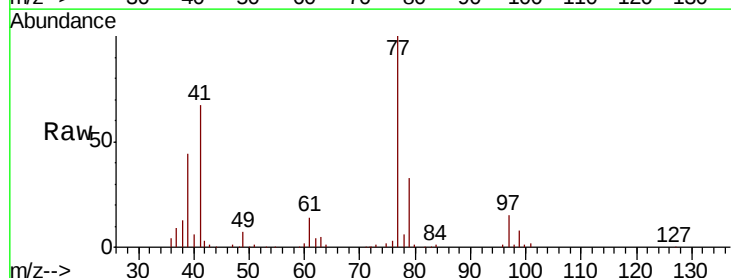
Acq: 16 Aug 2018 20:36

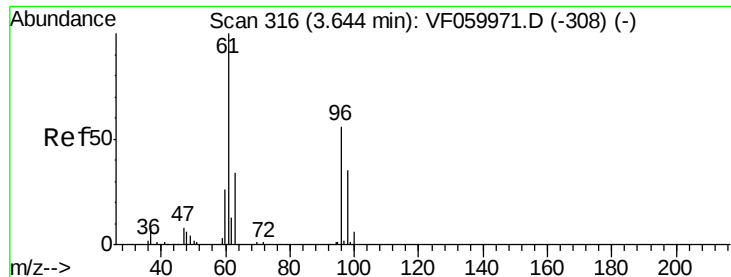
Tgt Ion: 77 Resp: 134426

Ion Ratio Lower Upper

77 100

97 14.9 7.4 22.3





#27

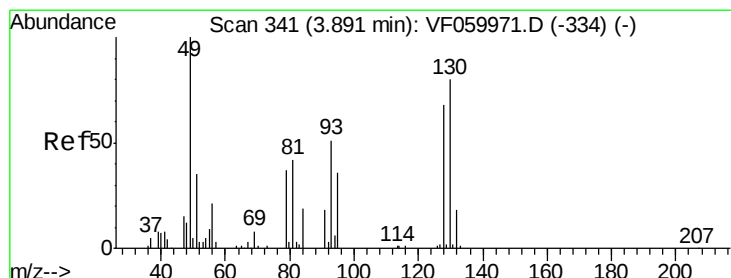
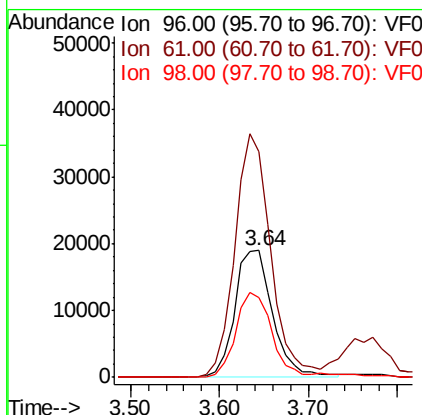
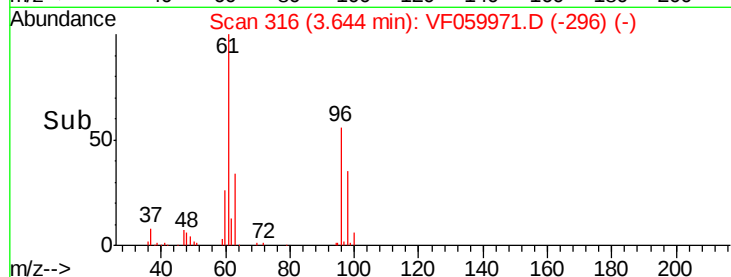
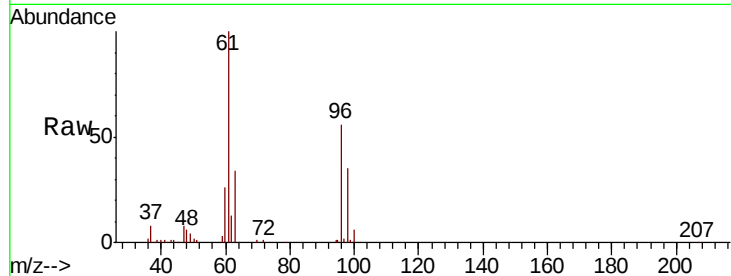
cis-1,2-Dichloroethene  
Concen: 53.47 ug/l  
RT: 3.64 min Scan# 316  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 56274 |       |       |
| 61      | 178.2 |       | 0.0   | 356.4 |
| 98      | 62.6  |       | 0.0   | 125.2 |

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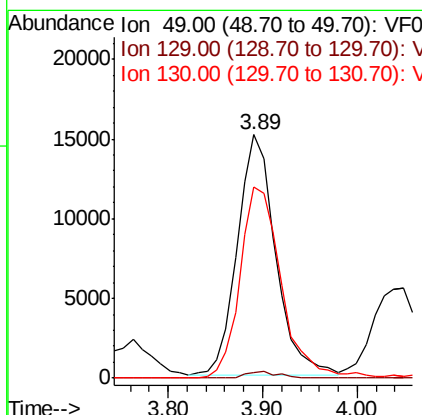
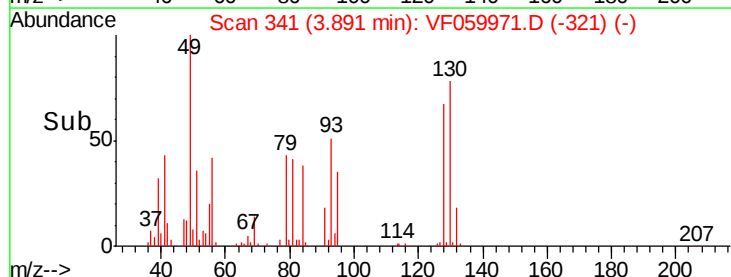
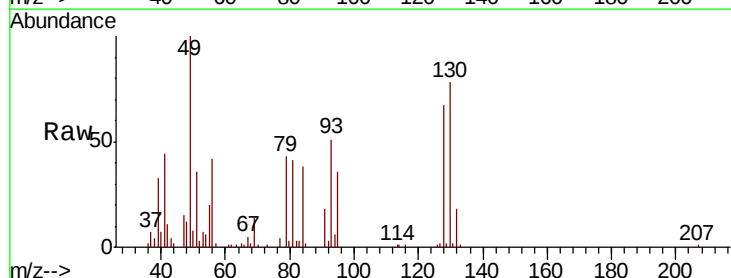
apatel  
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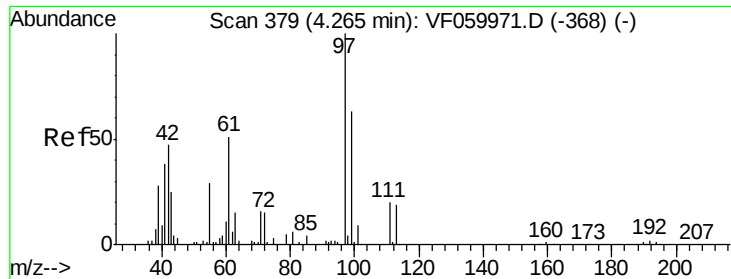


#28

Bromochloromethane  
Concen: 50.70 ug/l  
RT: 3.89 min Scan# 341  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 42143 |       |       |
| 129     | 2.3   |       | 0.0   | 4.6   |
| 130     | 80.0  |       | 64.0  | 96.0  |





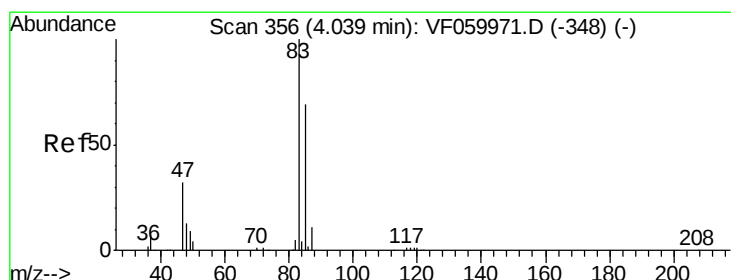
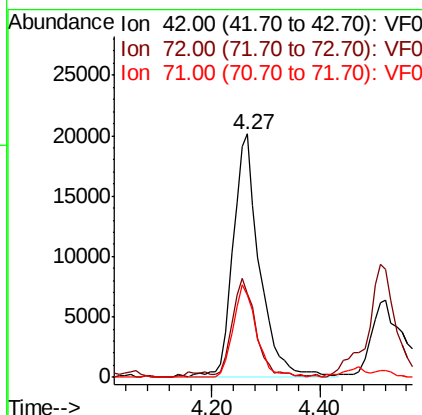
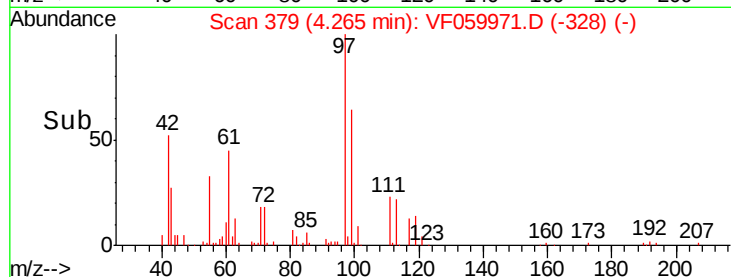
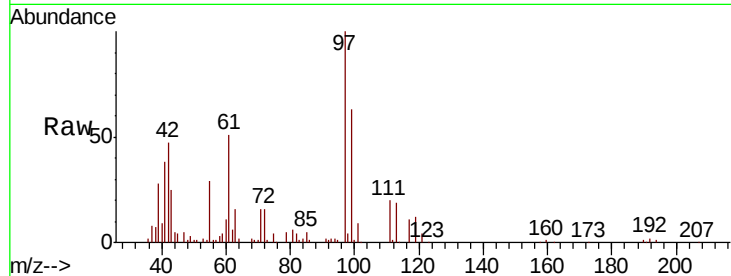
#29  
Tetrahydrofuran  
Concen: 407.06 ug/l  
RT: 4.27 min Scan# 379  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 42      | 100   | 68838 |       |       |
| 72      | 34.9  |       | 27.9  | 41.9  |
| 71      | 33.6  |       | 26.9  | 40.3  |

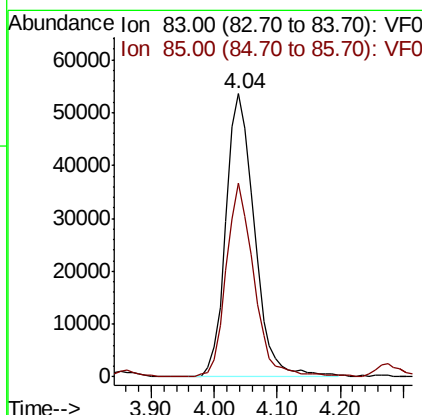
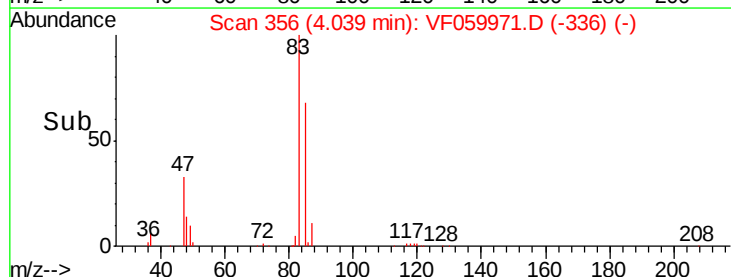
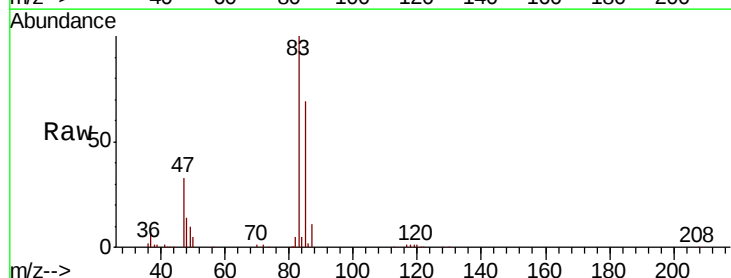
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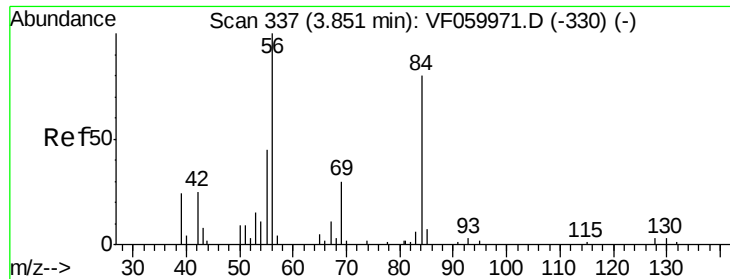
apatel  
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#30  
Chloroform  
Concen: 53.90 ug/l  
RT: 4.04 min Scan# 356  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 83      | 100   | 168389 |       |       |
| 85      | 68.6  |        | 54.9  | 82.3  |





#31

Cyclohexane

Concen: 50.87 ug/l

RT: 3.85 min Scan# 337

Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

Instrument :

MSVOA\_F

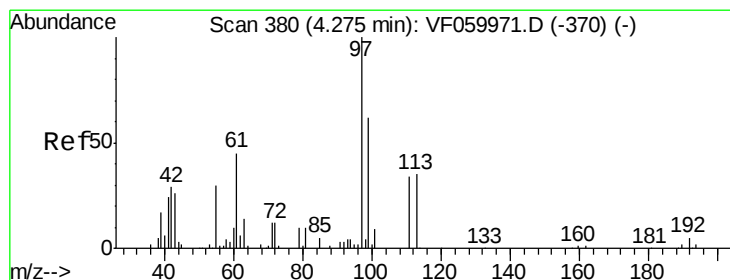
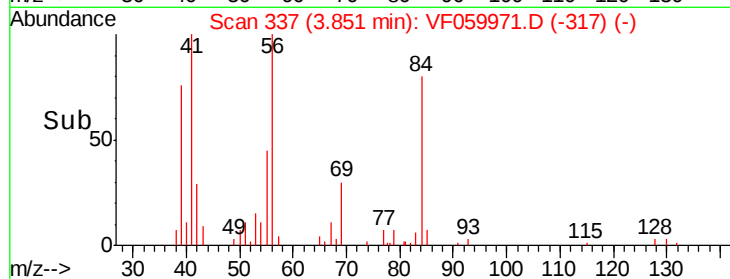
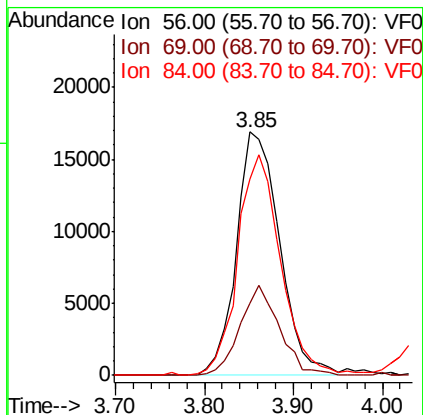
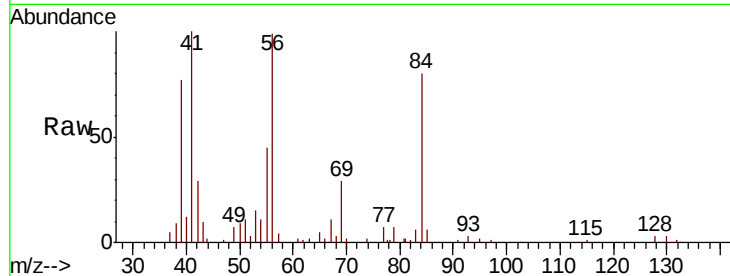
ClientSampleId :

VSTDICCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 56    | Resp: | 56836 |
| Ion      | Ratio | Lower | Upper |
| 56       | 100   |       |       |
| 69       | 29.7  | 23.8  | 35.6  |
| 84       | 80.4  | 64.3  | 96.5  |

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#32

1,1,1-Trichloroethane

Concen: 60.54 ug/l

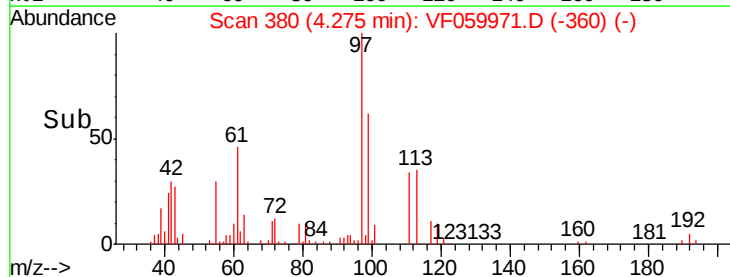
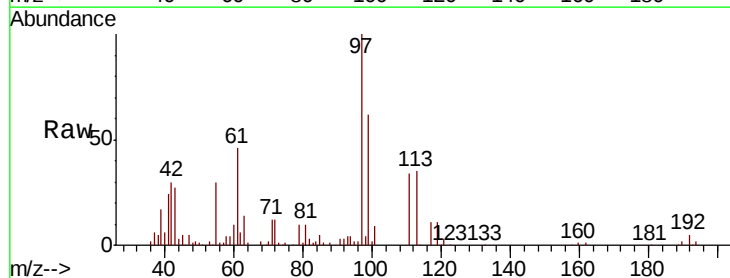
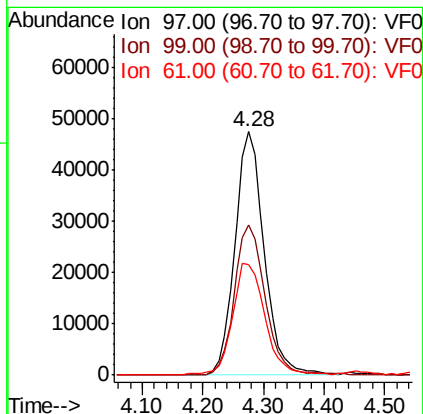
RT: 4.28 min Scan# 380

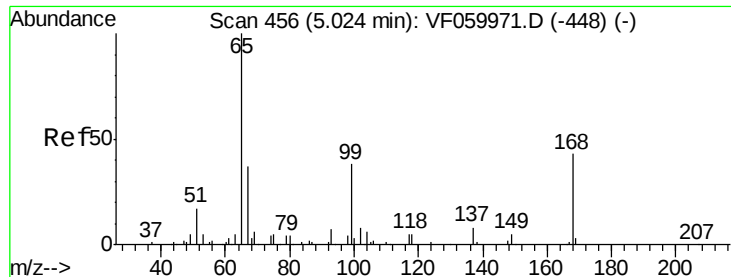
Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 97    | Resp: | 159956 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 99       | 61.6  | 49.3  | 73.9   |
| 61       | 45.6  | 36.5  | 54.7   |





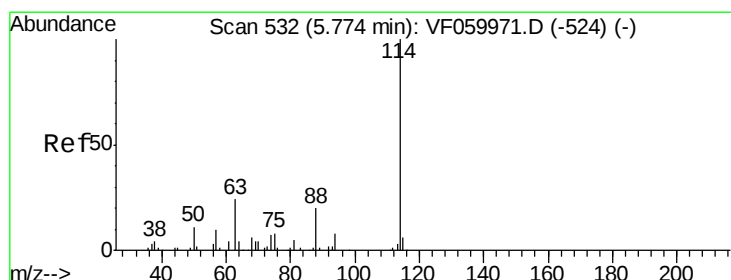
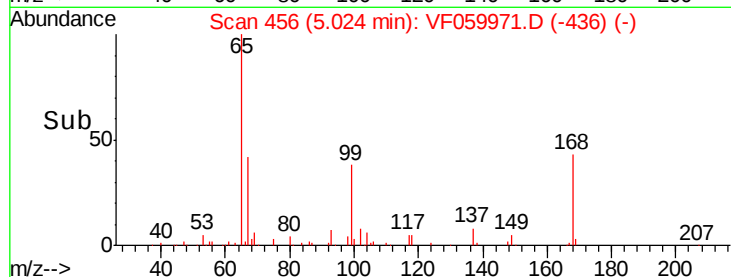
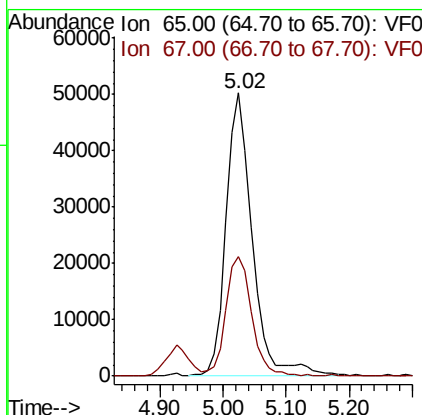
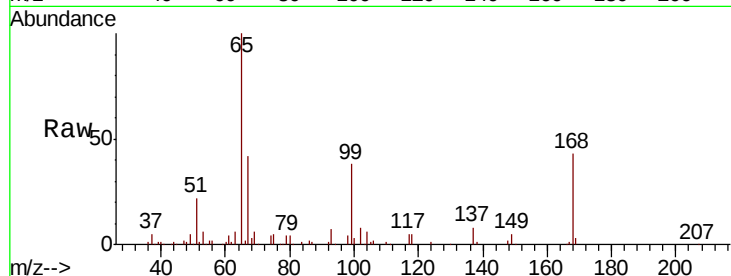
#33  
 1,2-Dichloroethane-d4  
 Concen: 63.81 ug/l  
 RT: 5.02 min Scan# 456  
 Delta R.T. 0.00 min  
 Lab File: VF059971.D  
 Acq: 16 Aug 2018 20:36

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 65      | 100   | 142265 |       |       |
| 67      | 42.4  | 0.0    | 84.8  |       |

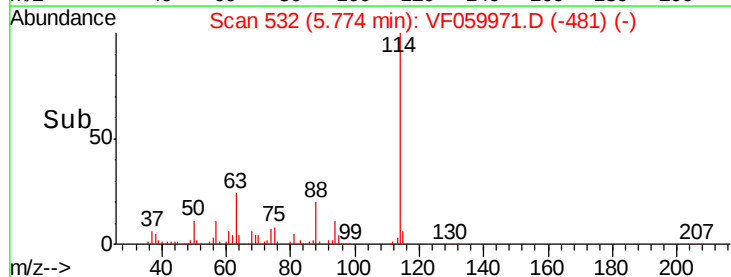
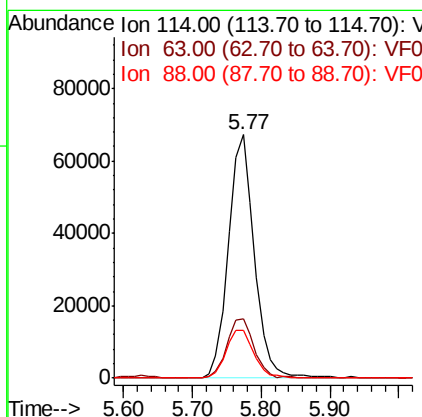
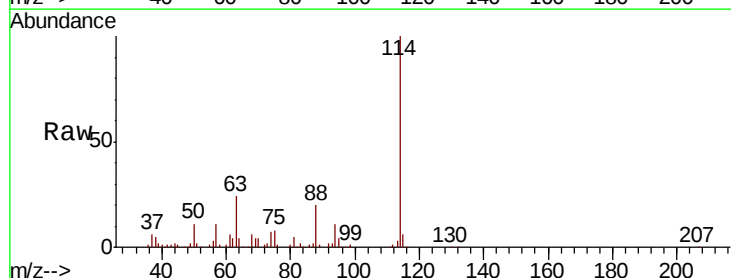
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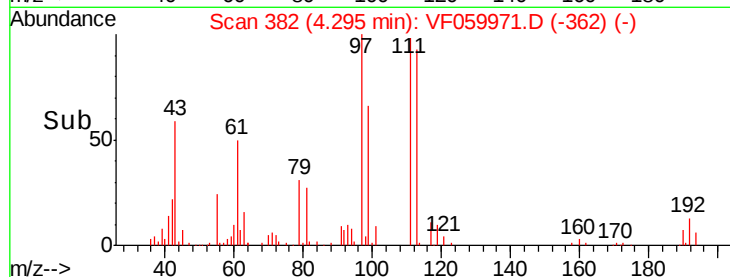
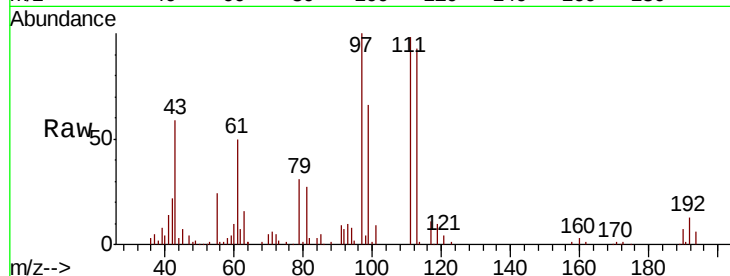
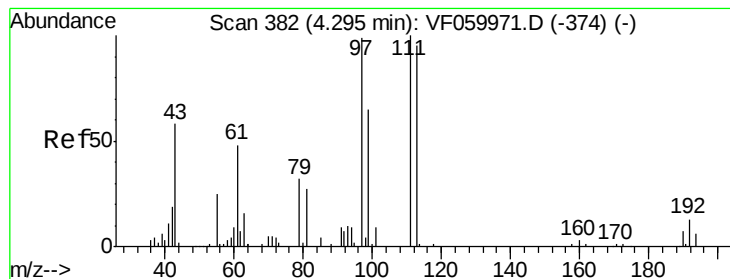
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#34  
 1,4-Difluorobenzene  
 Concen: 50.00 ug/l  
 RT: 5.77 min Scan# 532  
 Delta R.T. 0.00 min  
 Lab File: VF059971.D  
 Acq: 16 Aug 2018 20:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 114     | 100   | 175654 |       |       |
| 63      | 24.4  | 0.0    | 48.8  |       |
| 88      | 19.8  | 0.0    | 39.6  |       |





#35

Dibromofluoromethane

Concen: 52.71 ug/l

RT: 4.29 min Scan# 382

Delta R.T. 0.00 min

Lab File: VF059971.D

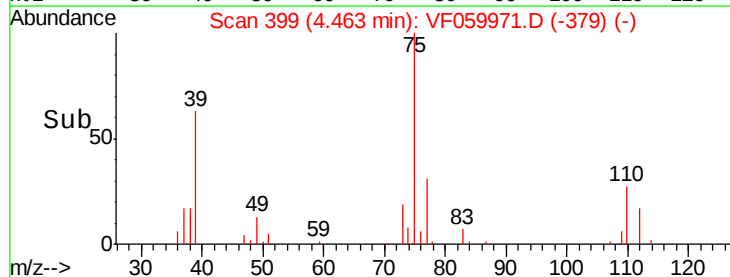
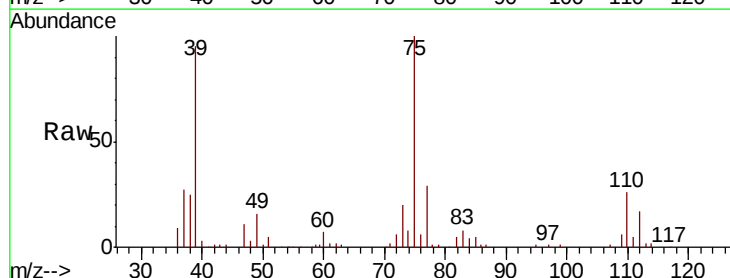
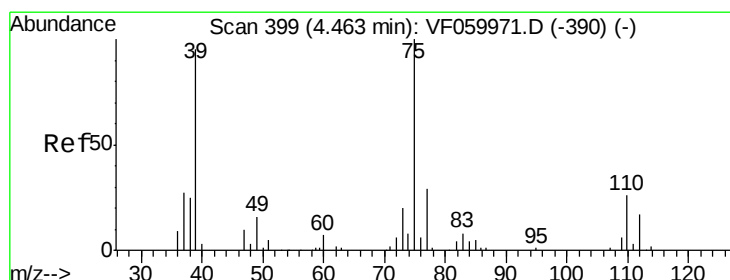
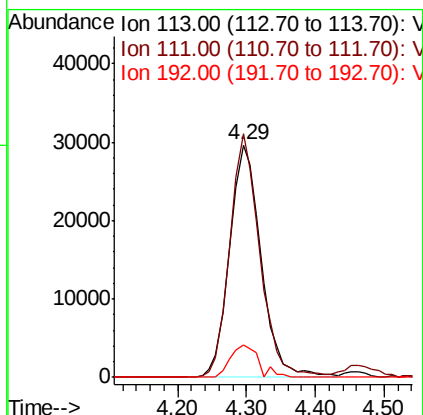
Acq: 16 Aug 2018 20:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 113   | Resp: | 94081 |
| Ion      | Ratio | Lower | Upper |
| 113      | 100   |       |       |
| 111      | 104.9 | 83.9  | 125.9 |
| 192      | 14.1  | 11.3  | 16.9  |

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

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#36

1,1-Dichloropropene

Concen: 49.12 ug/l

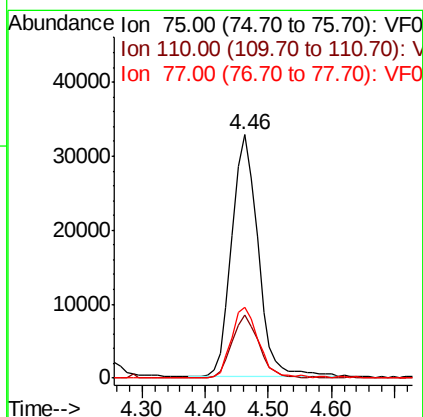
RT: 4.46 min Scan# 399

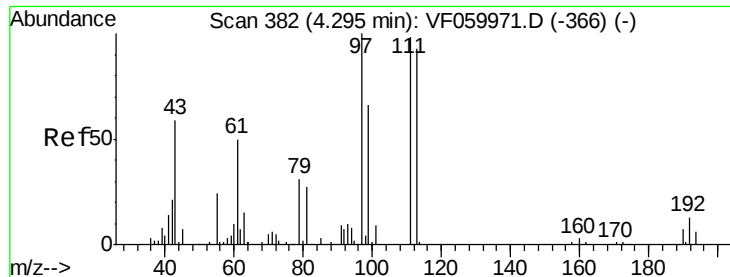
Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 75    | Resp: | 95583 |
| Ion      | Ratio | Lower | Upper |
| 75       | 100   |       |       |
| 110      | 26.2  | 13.1  | 39.3  |
| 77       | 29.2  | 23.4  | 35.0  |





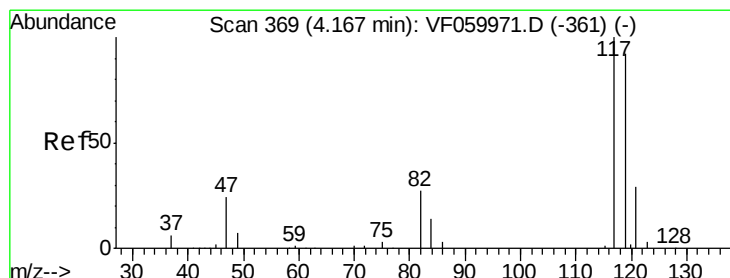
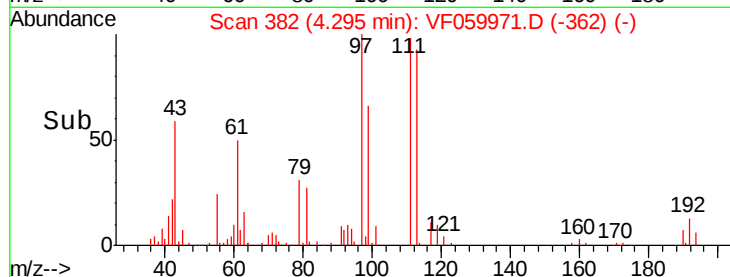
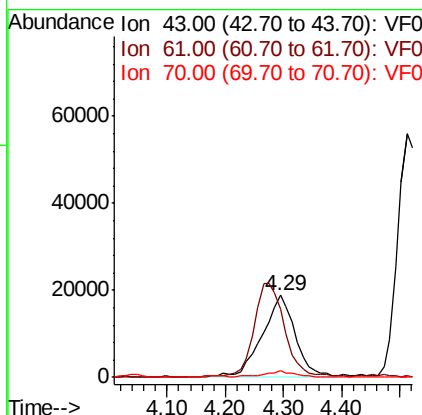
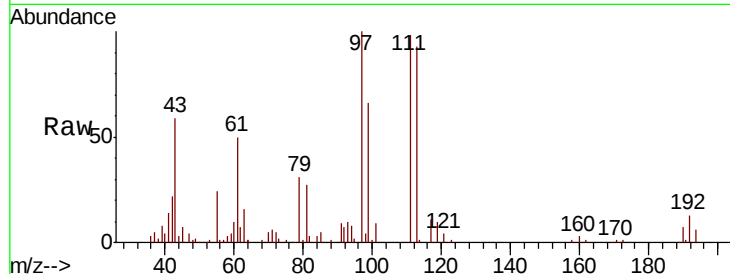
#37  
Ethyl Acetate  
Concen: 79.99 ug/l  
RT: 4.29 min Scan# 382  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

| Tot Ion | 43   | 61   | 70    | Ratio | Lower | Upper |
|---------|------|------|-------|-------|-------|-------|
| 43      | 100  |      |       |       |       |       |
| 61      | 83.7 | 67.0 | 100.4 |       |       |       |
| 70      | 8.4  | 6.7  | 10.1  |       |       |       |

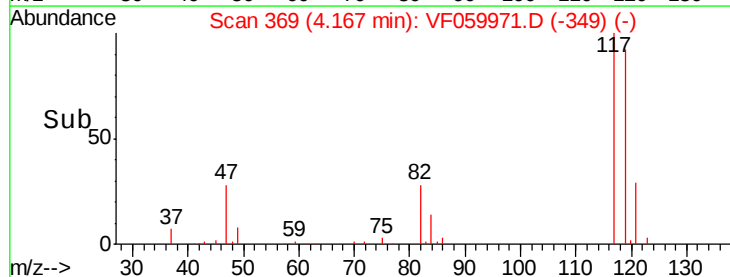
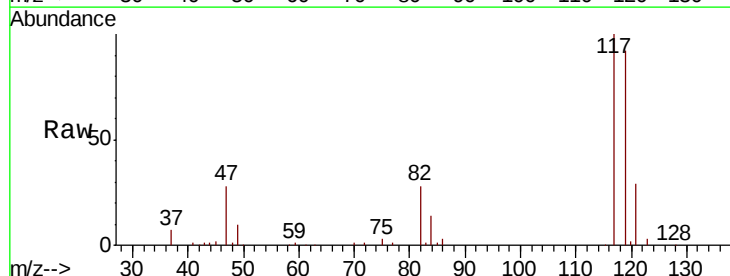
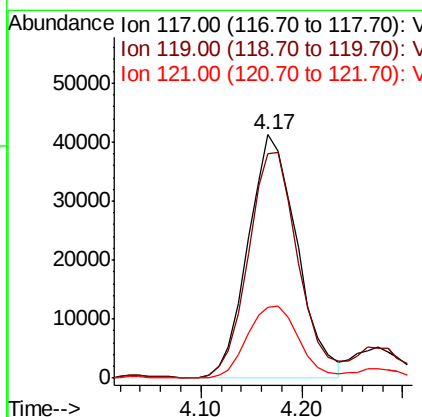
Manual Integrations  
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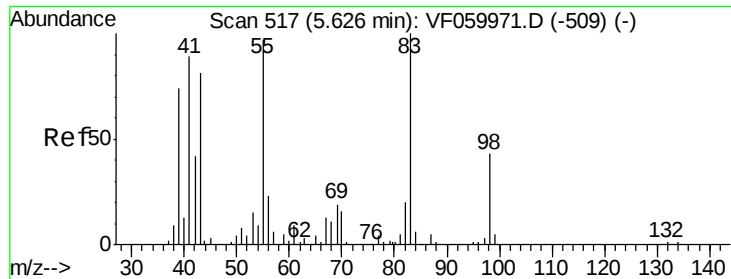
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#38  
Carbon Tetrachloride  
Concen: 44.16 ug/l  
RT: 4.17 min Scan# 369  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

| Tgt Ion | 117  | 119  | 121   | Ratio | Lower | Upper |
|---------|------|------|-------|-------|-------|-------|
| 117     | 100  |      |       |       |       |       |
| 119     | 92.0 | 73.6 | 110.4 |       |       |       |
| 121     | 29.3 | 23.4 | 35.2  |       |       |       |





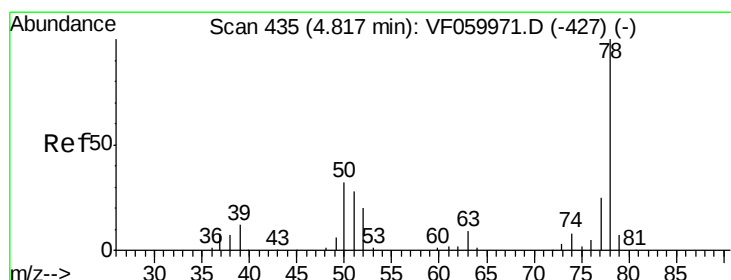
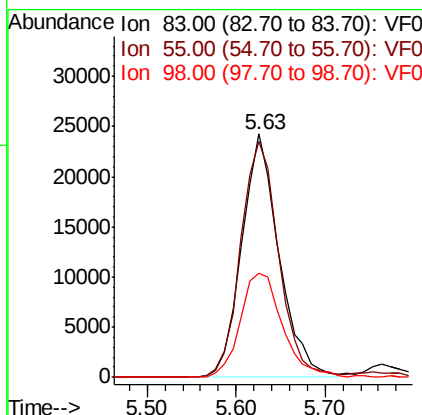
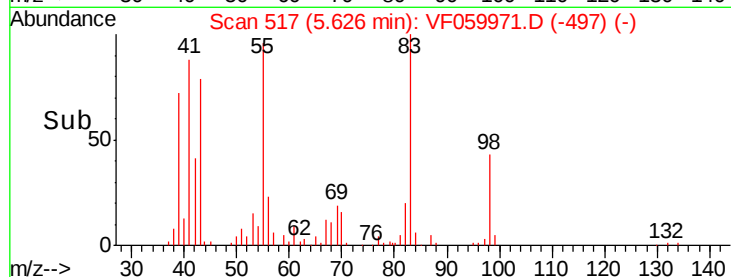
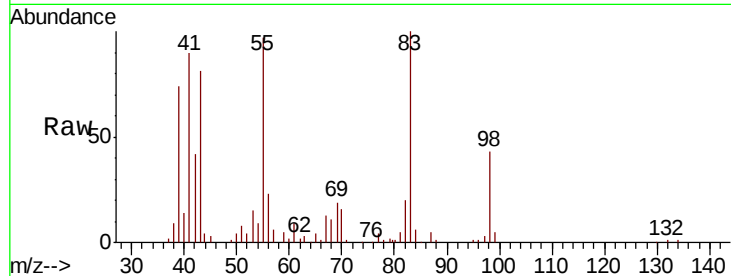
#39  
Methvlcvclohexane  
Concen: 49.77 ug/l  
RT: 5.63 min Scan# 517  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 97.1  | 77.7  | 116.5 |
| 98      | 42.8  | 34.2  | 51.4  |

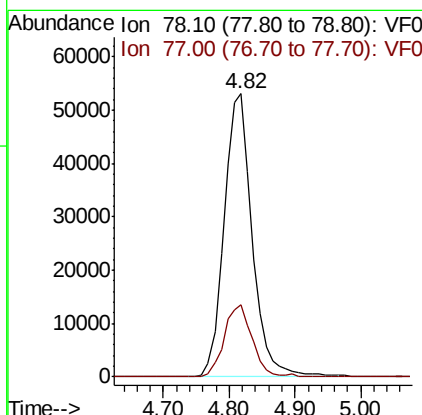
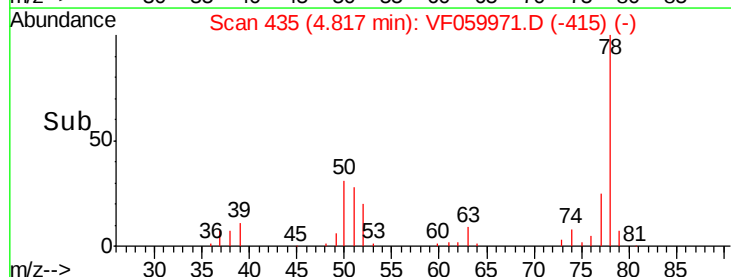
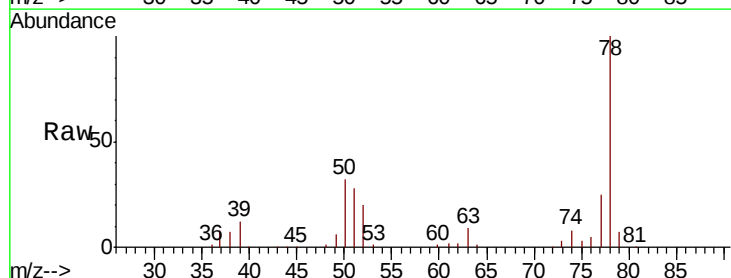
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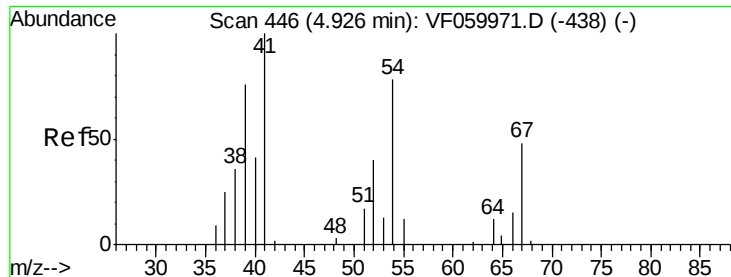
apatel  
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#40  
Benzene  
Concen: 48.34 ug/l  
RT: 4.82 min Scan# 435  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 25.4  | 20.3  | 30.5  |





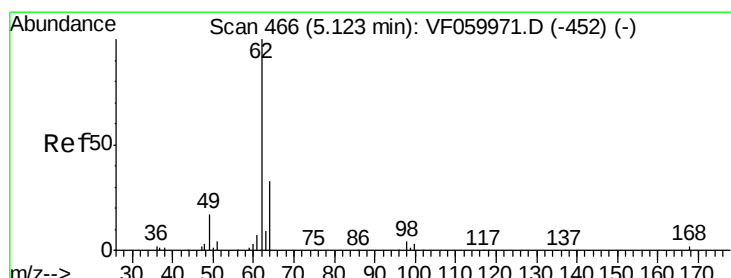
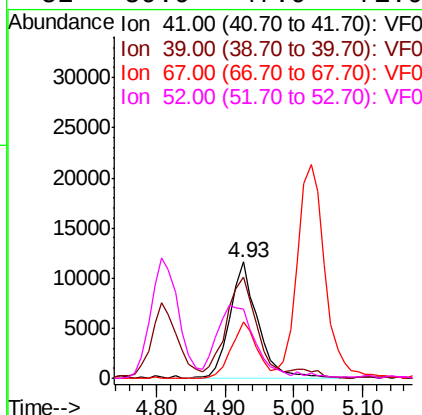
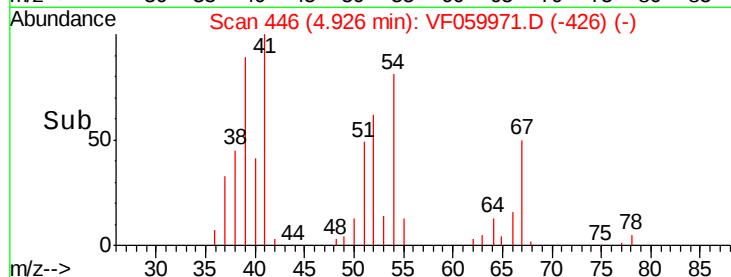
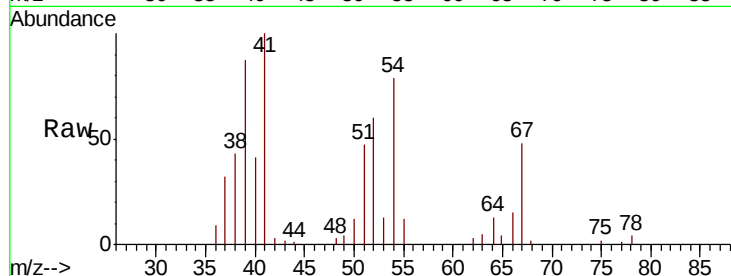
#41  
Methacrylonitrile  
Concen: 71.88 ug/l  
RT: 4.93 min Scan# 446  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 32498 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 87.4  | 69.9  | 104.9 |
| 67       | 48.3  | 38.6  | 58.0  |
| 52       | 59.9  | 47.9  | 71.9  |

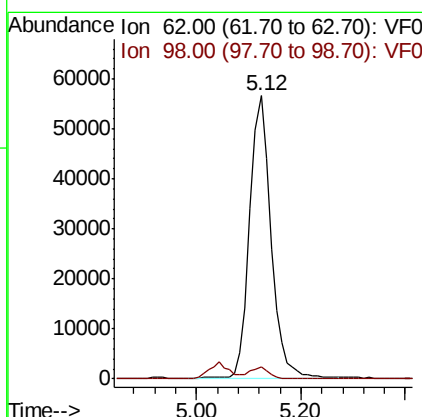
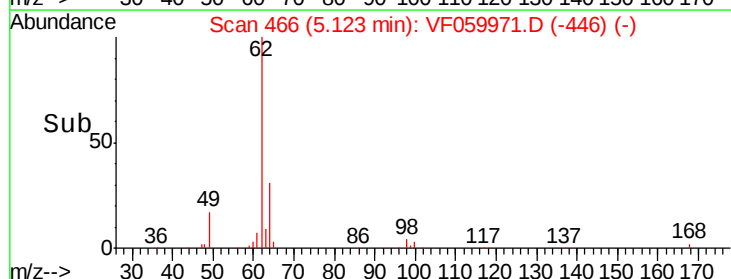
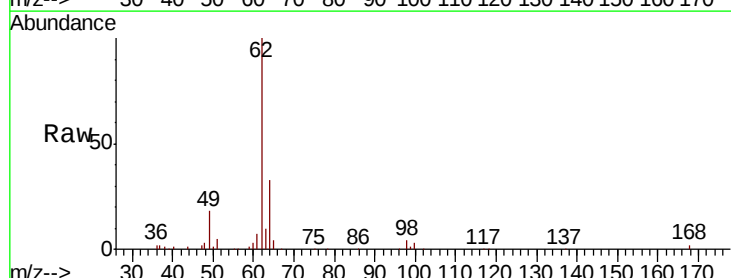
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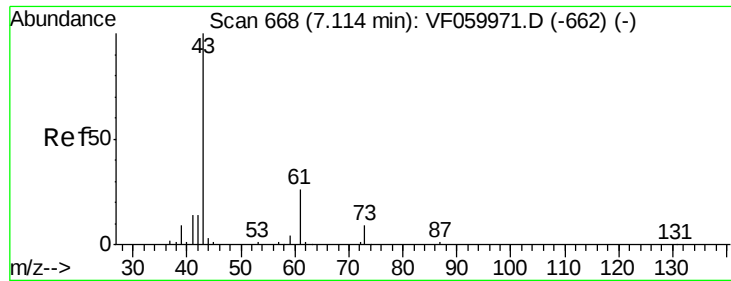
apatel  
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#42  
1,2-Dichloroethane  
Concen: 58.45 ug/l  
RT: 5.12 min Scan# 466  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 157263 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 4.1   | 0.0   | 8.2    |





#43

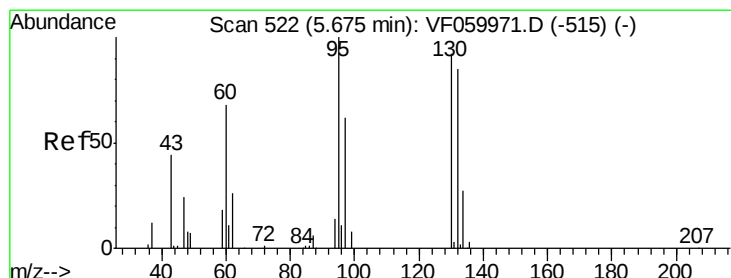
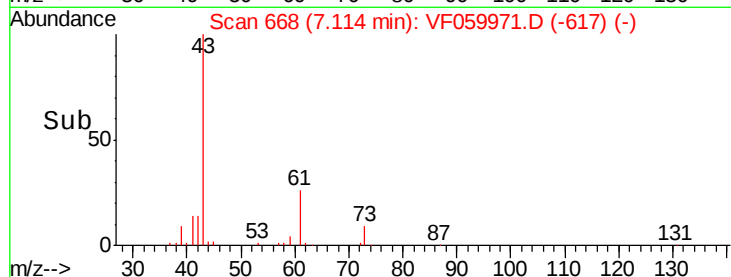
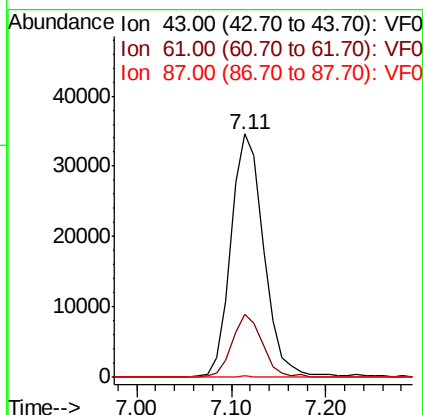
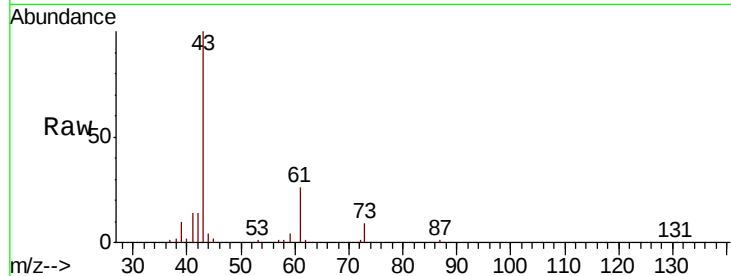
Isopropyl Acetate  
 Concen: 80.42 ug/l  
 RT: 7.11 min Scan# 668  
 Delta R.T. 0.00 min  
 Lab File: VF059971.D  
 Acq: 16 Aug 2018 20:36

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 26.0  | 20.8  | 31.2  |
| 87      | 0.6   | 0.5   | 0.7   |

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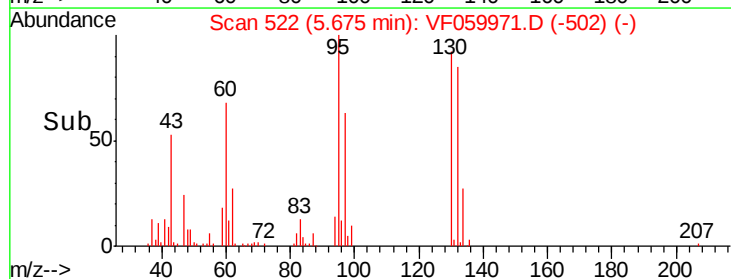
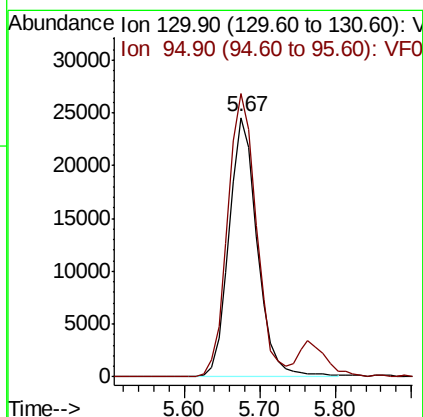
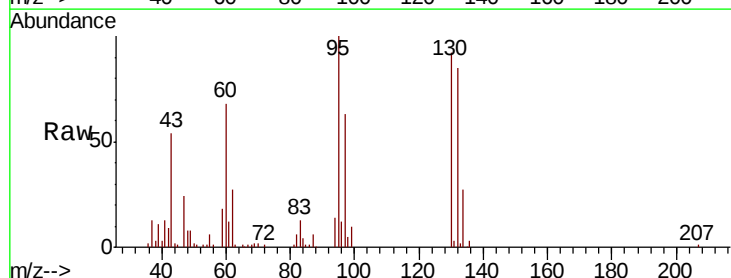
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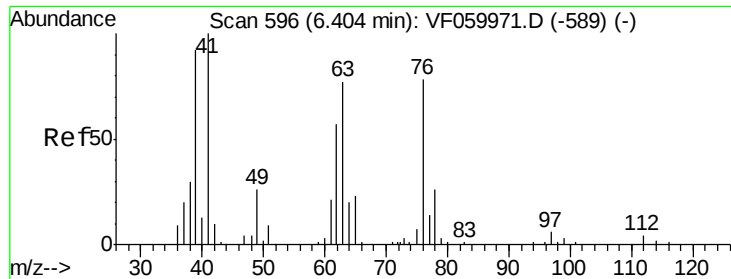


#44

Trichloroethene  
 Concen: 49.94 ug/l  
 RT: 5.67 min Scan# 522  
 Delta R.T. 0.00 min  
 Lab File: VF059971.D  
 Acq: 16 Aug 2018 20:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 109.2 | 0.0   | 218.4 |





#45

1,2-Dichloropropane

Concen: 54.82 ug/l

RT: 6.40 min Scan# 596

Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

Instrument :

MSVOA\_F

ClientSampleId :

VSTDICCC050

Tot Ion: 63 Resp: 48643

Ion Ratio Lower Upper

63 100

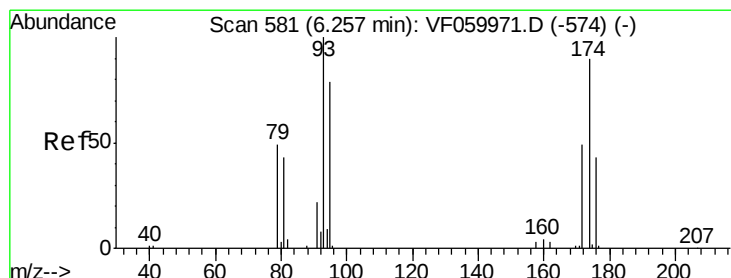
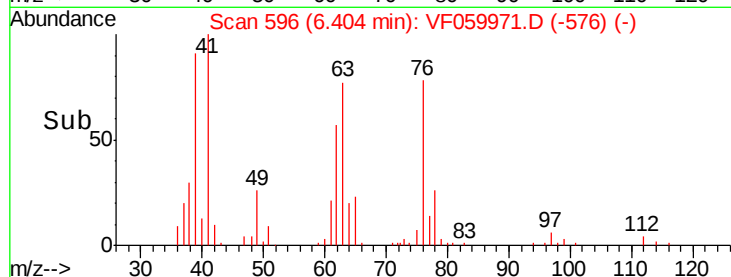
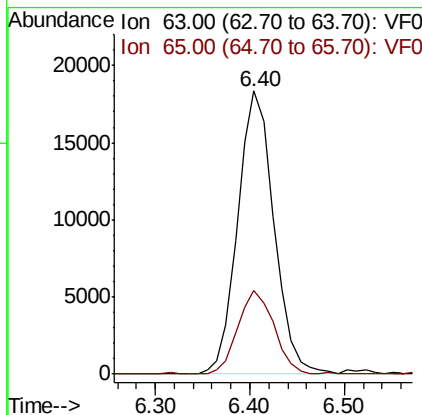
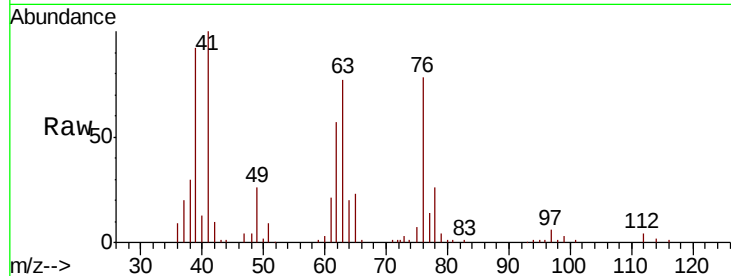
65 29.7 23.8 35.6

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#46

Dibromomethane

Concen: 61.12 ug/l

RT: 6.26 min Scan# 581

Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

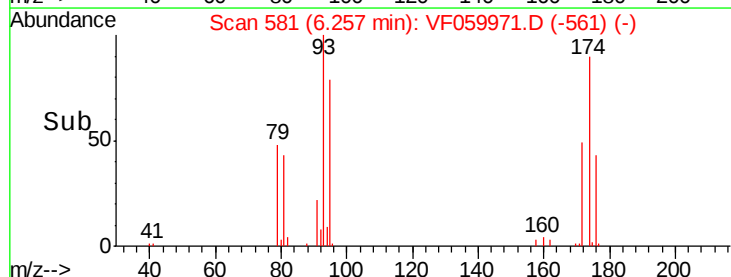
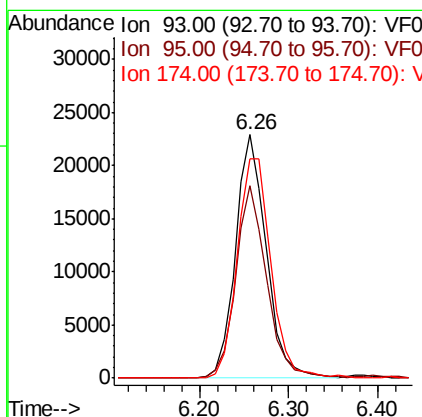
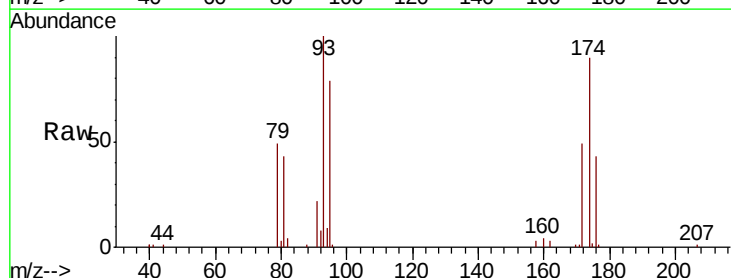
Tgt Ion: 93 Resp: 54949

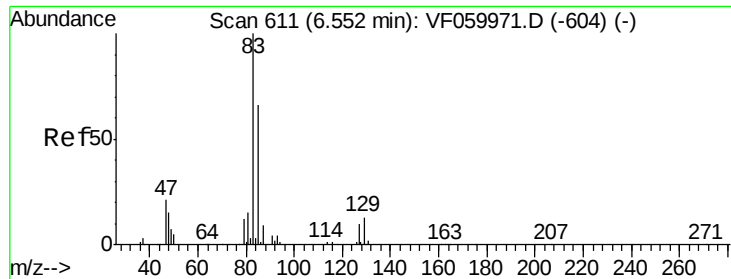
Ion Ratio Lower Upper

93 100

95 80.0 64.0 96.0

174 89.8 71.8 107.8





#47

Bromodichloromethane

Concen: 54.14 ug/l

RT: 6.55 min Scan# 611

Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

Instrument :

MSVOA\_F

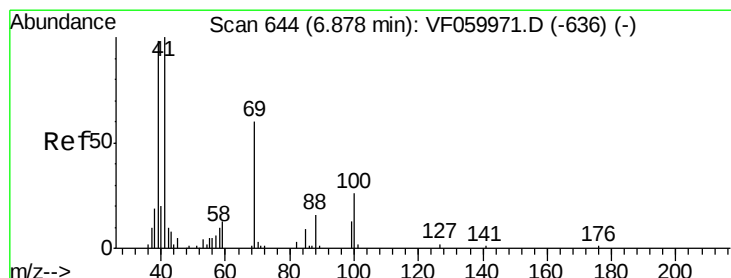
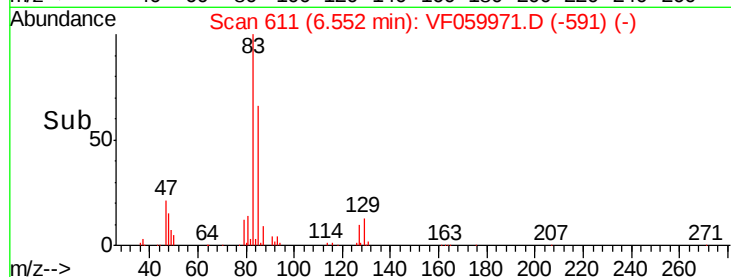
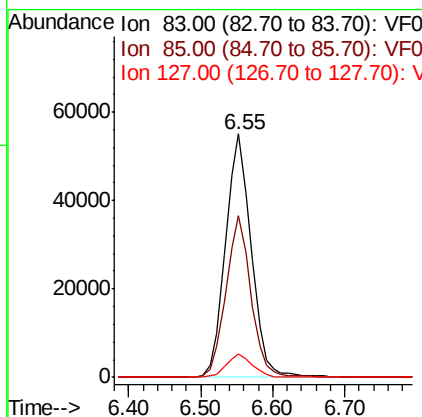
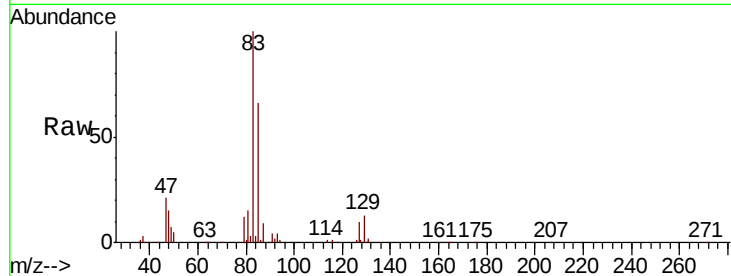
ClientSampleId :

VSTDICCC050

|           |       |       |        |
|-----------|-------|-------|--------|
| Tot Ion:  | 83    | Resp: | 136620 |
| Ion Ratio | Lower | Upper |        |
| 83        | 100   |       |        |
| 85        | 66.5  | 53.2  | 79.8   |
| 127       | 10.5  | 8.4   | 12.6   |

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#48

Methyl methacrylate

Concen: 80.32 ug/l

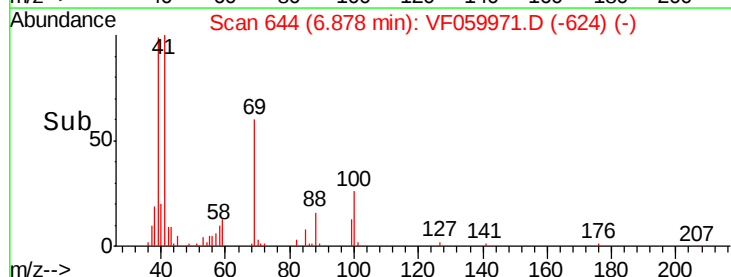
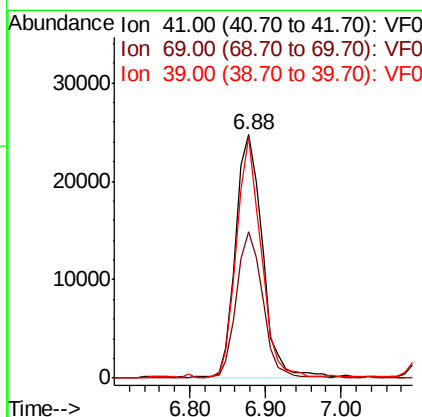
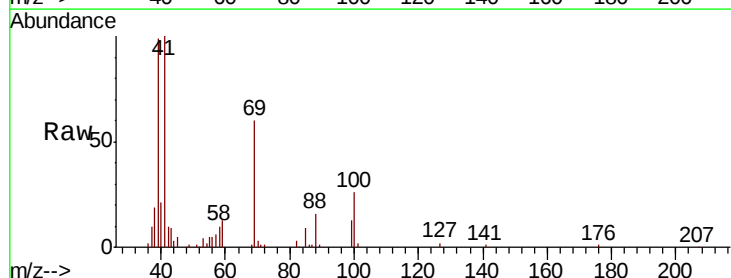
RT: 6.88 min Scan# 644

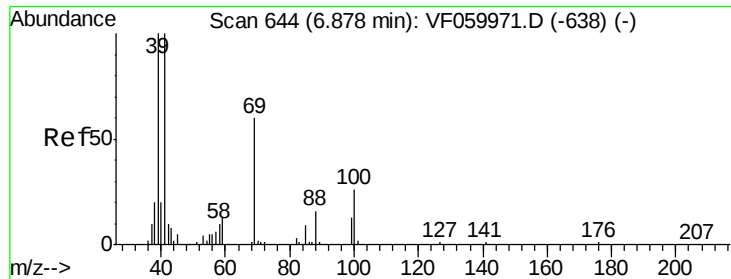
Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 41    | Resp: | 61194 |
| Ion Ratio | Lower | Upper |       |
| 41        | 100   |       |       |
| 69        | 60.1  | 48.1  | 72.1  |
| 39        | 99.1  | 79.3  | 118.9 |





#49

1,4-Dioxane

Concen: 1933.12 ug/l

RT: 6.88 min Scan# 644

Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

Instrument :

MSVOA\_F

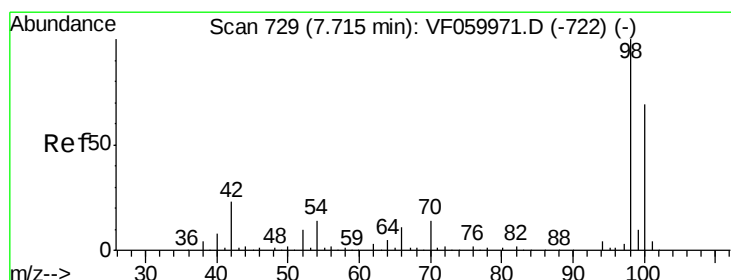
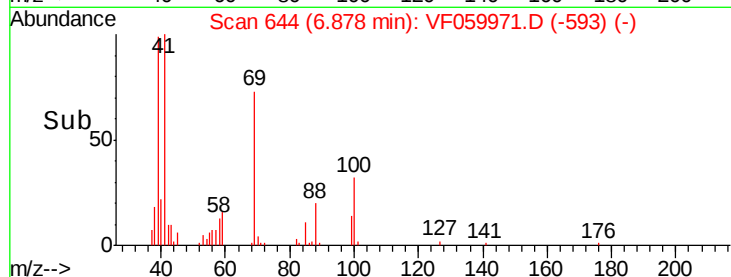
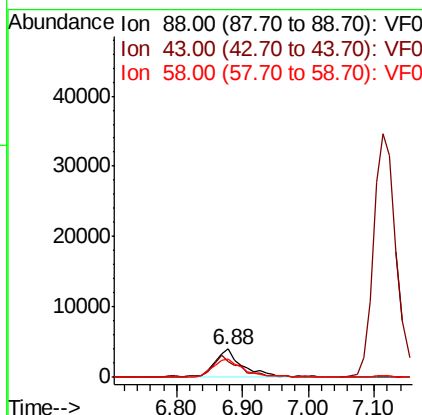
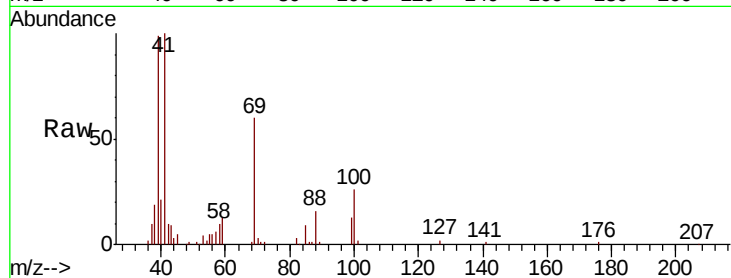
ClientSampleId :

VSTDICCC050

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 11888 |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 56.6  | 45.3  | 67.9  |
| 58       | 64.0  | 51.2  | 76.8  |

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#50

Toluene-d8

Concen: 51.61 ug/l

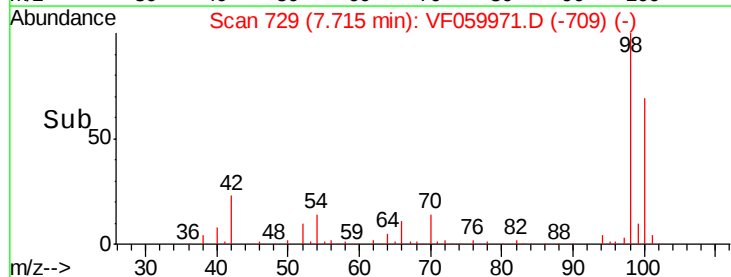
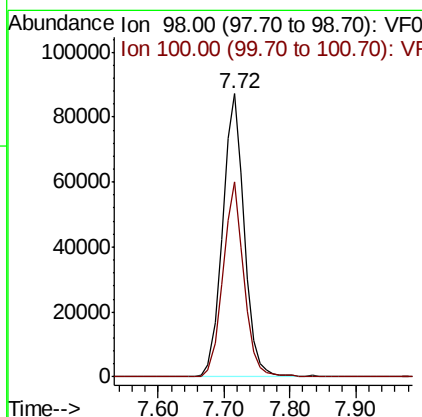
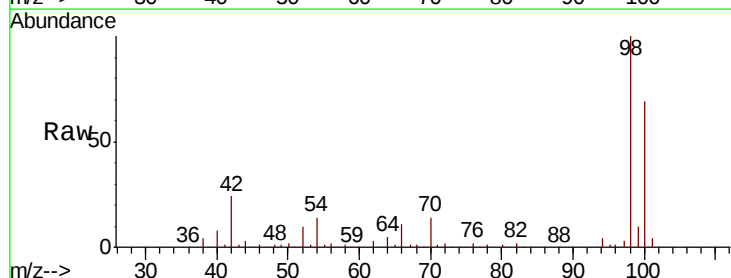
RT: 7.72 min Scan# 729

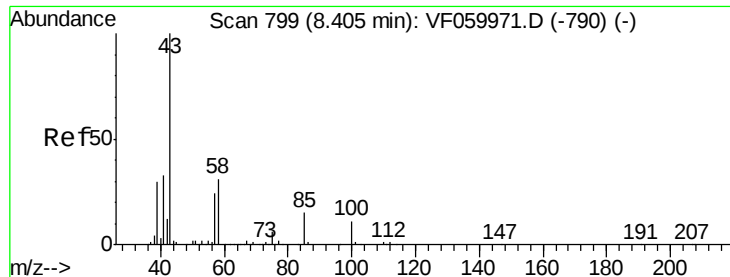
Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 200468 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 69.1  | 55.3  | 82.9   |





#51

4-Methyl-2-Pentanone

Concen: 393.99 ug/l

RT: 8.41 min Scan# 799

Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

Instrument :

MSVOA\_F

ClientSampleId :

VSTDICCC050

Tot Ion: 43 Resp: 388277

Ion Ratio Lower Upper

43 100

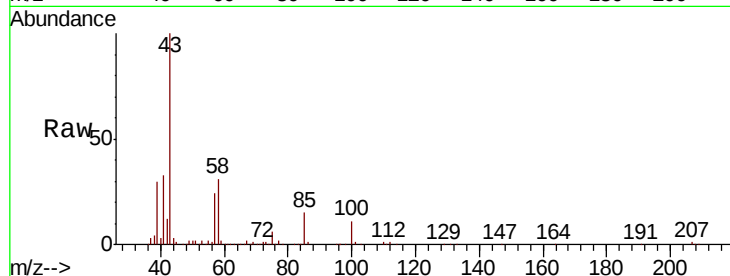
58 30.8 24.6 37.0

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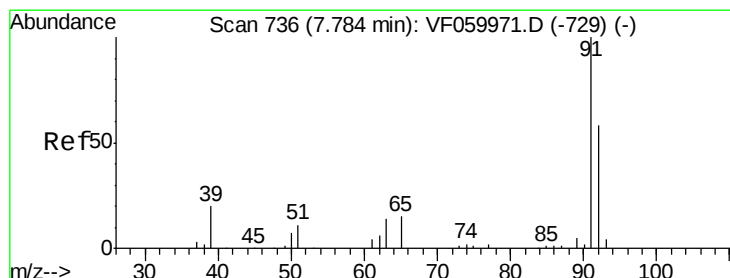
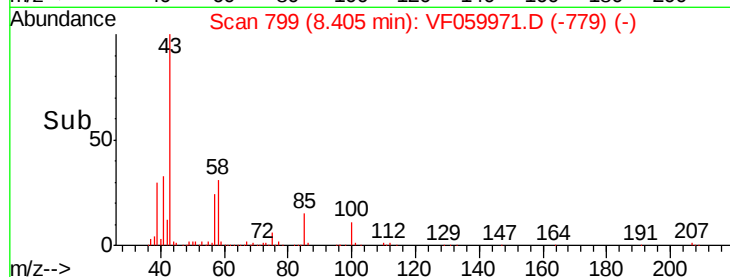
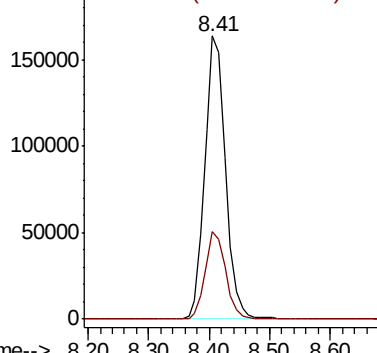
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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 50.82 ug/l

RT: 7.78 min Scan# 736

Delta R.T. 0.00 min

Lab File: VF059971.D

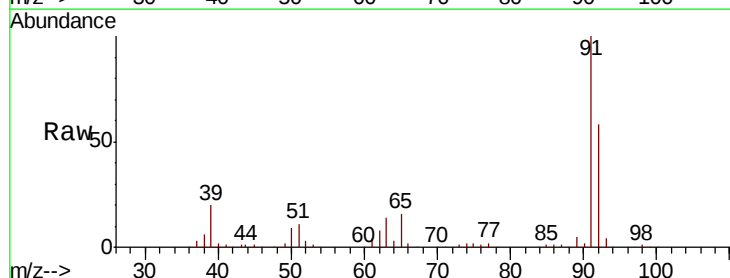
Acq: 16 Aug 2018 20:36

Tgt Ion: 92 Resp: 124436

Ion Ratio Lower Upper

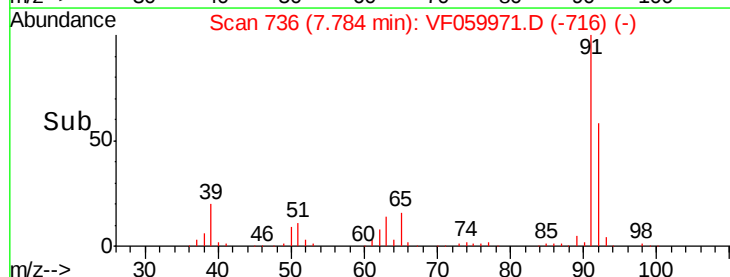
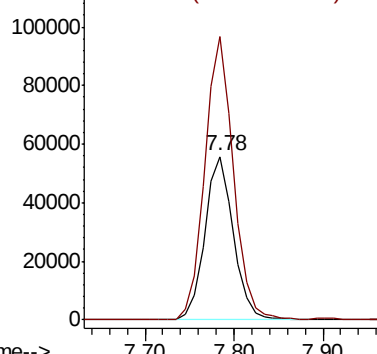
92 100

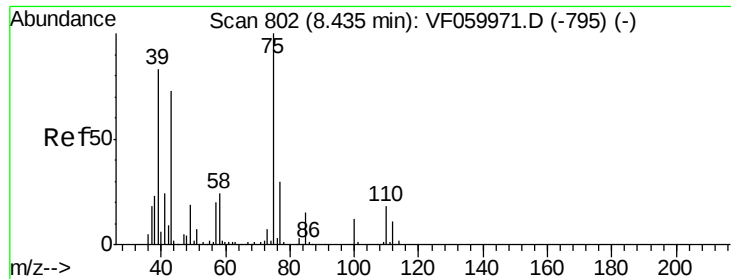
91 173.3 138.6 208.0



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0





#53

t-1,3-Dichloropropene

Concen: 58.02 ug/l

RT: 8.44 min Scan# 802

Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

Instrument :

MSVOA\_F

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 121566

Ion Ratio Lower Upper

75 100

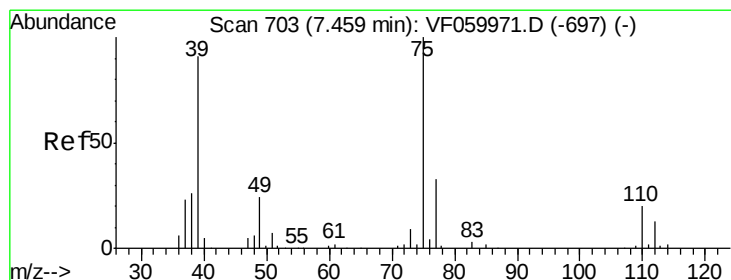
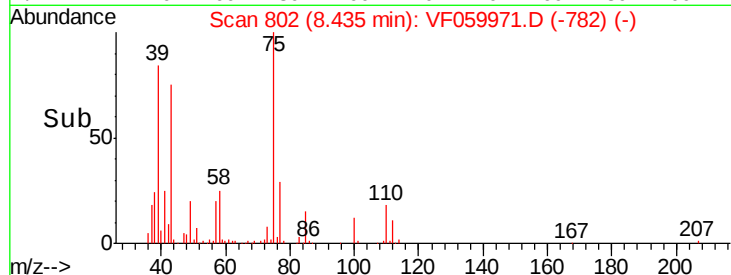
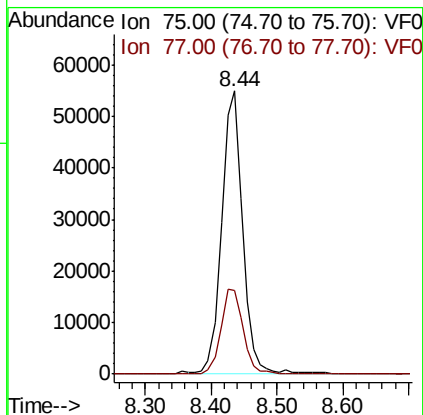
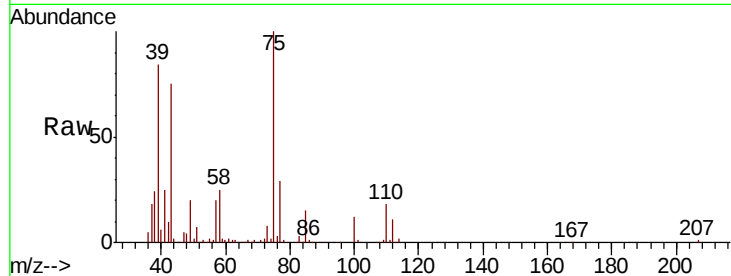
77 29.4 23.5 35.3

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#54

cis-1,3-Dichloropropene

Concen: 57.45 ug/l

RT: 7.46 min Scan# 703

Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

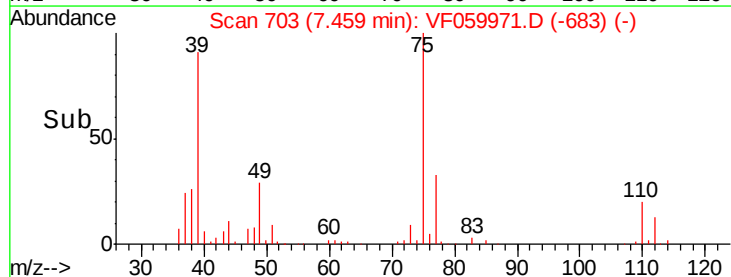
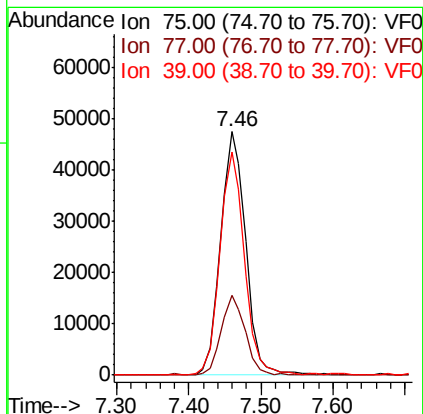
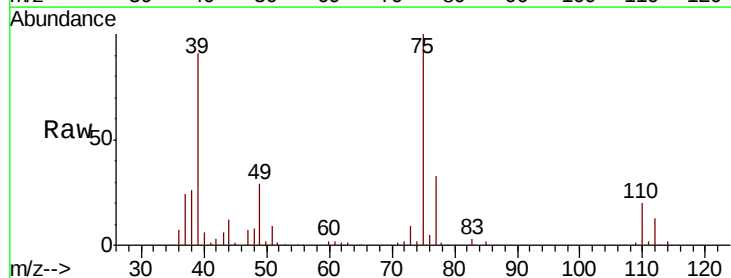
Tgt Ion: 75 Resp: 113907

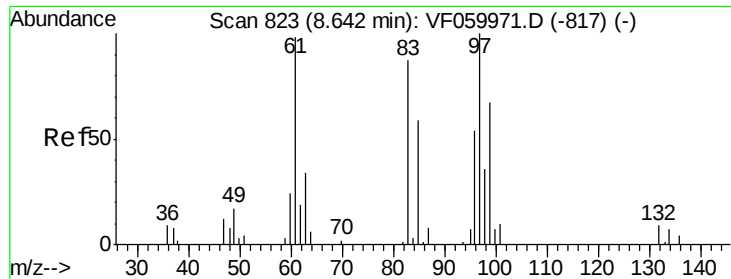
Ion Ratio Lower Upper

75 100

77 32.8 26.2 39.4

39 91.5 73.2 109.8





#55

1,1,2-Trichloroethane

Concen: 64.95 ug/l

RT: 8.64 min Scan# 823

Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

Instrument :

MSVOA\_F

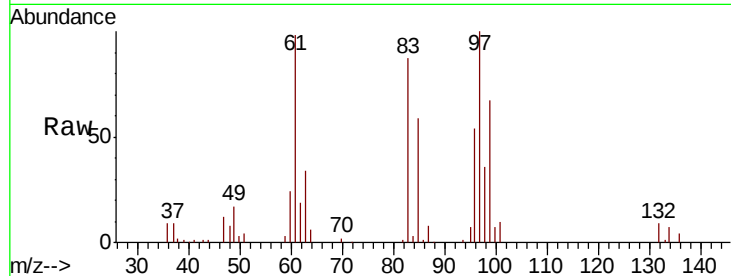
ClientSampleId :

VSTDICCC050

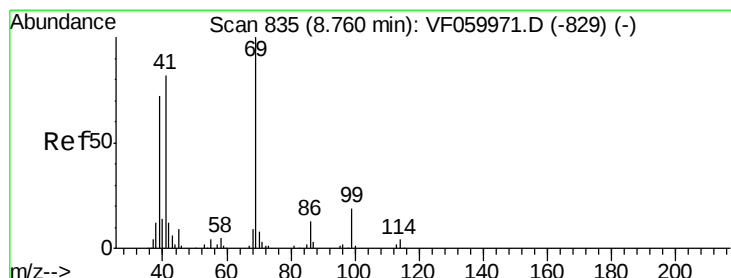
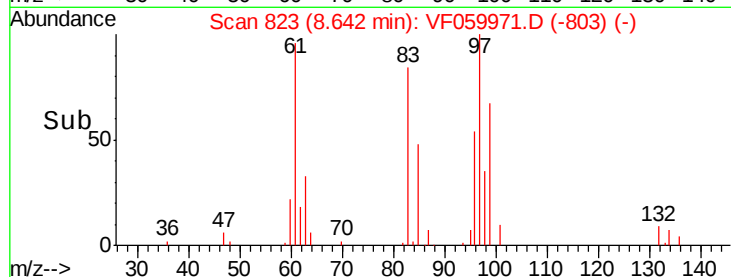
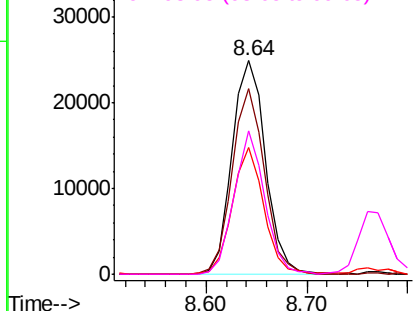
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 57543 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 87.1  | 69.7  | 104.5 |
| 85       | 59.3  | 47.4  | 71.2  |
| 99       | 67.2  | 53.8  | 80.6  |

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Abundance Ion 97.00 (96.70 to 97.70): VF0  
Ion 82.95 (82.65 to 83.65): VF0  
Ion 84.95 (84.65 to 85.65): VF0  
Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 76.16 ug/l

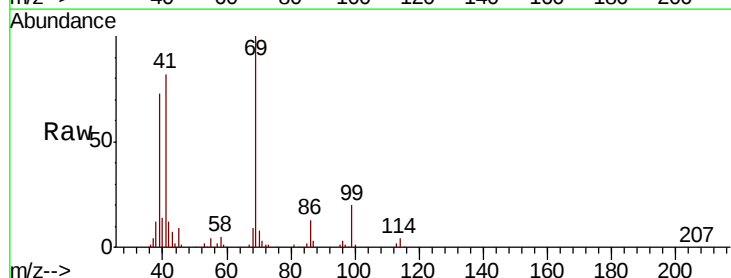
RT: 8.76 min Scan# 835

Delta R.T. 0.00 min

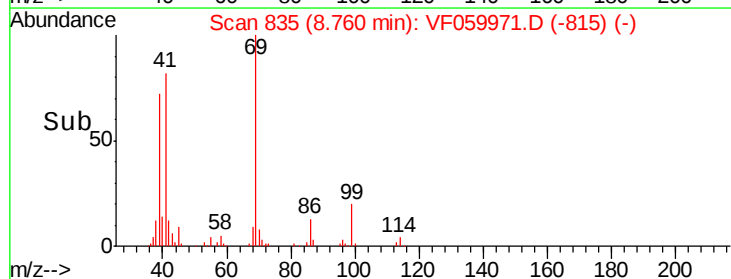
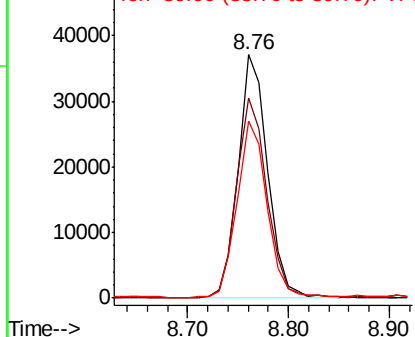
Lab File: VF059971.D

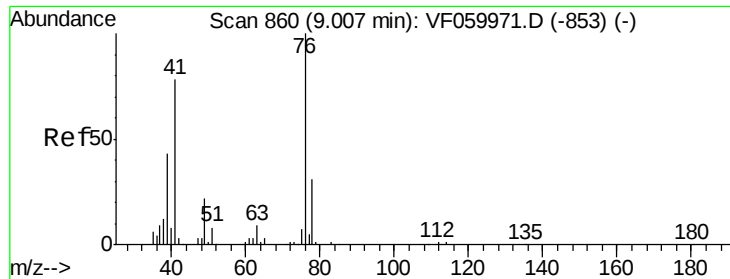
Acq: 16 Aug 2018 20:36

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 75460 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 82.0  | 65.6  | 98.4  |
| 39       | 72.6  | 58.1  | 87.1  |



Abundance Ion 69.00 (68.70 to 69.70): VF0  
Ion 41.00 (40.70 to 41.70): VF0  
Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 65.96 ug/l

RT: 9.01 min Scan# 860

Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

Instrument :

MSVOA\_F

ClientSampleId :

VSTDICCC050

Tot Ion: 76 Resp: 107050

Ion Ratio Lower Upper

76 100

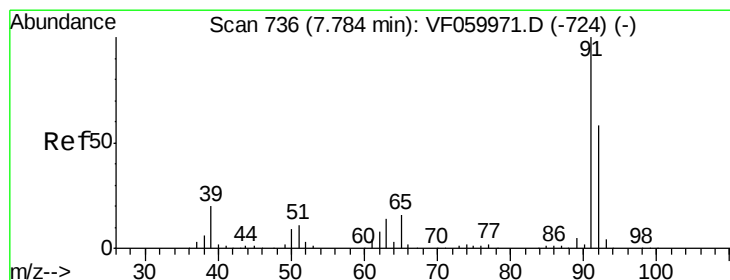
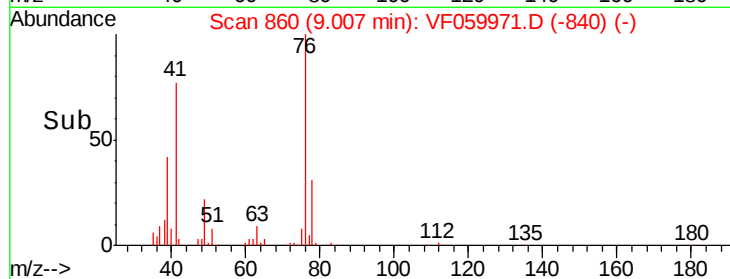
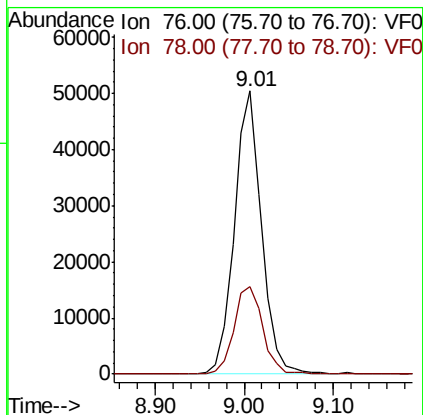
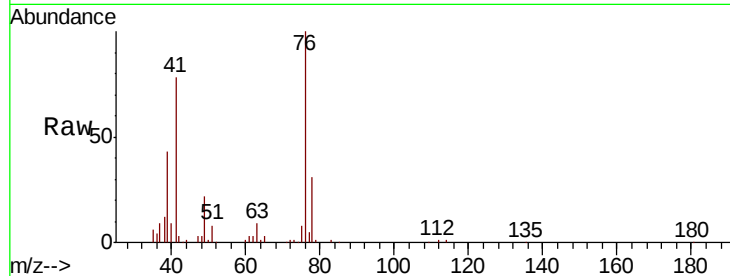
78 30.9 24.7 37.1

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#58

2-Chloroethyl Vinyl ether

Concen: 259.50 ug/l

RT: 7.78 min Scan# 736

Delta R.T. 0.00 min

Lab File: VF059971.D

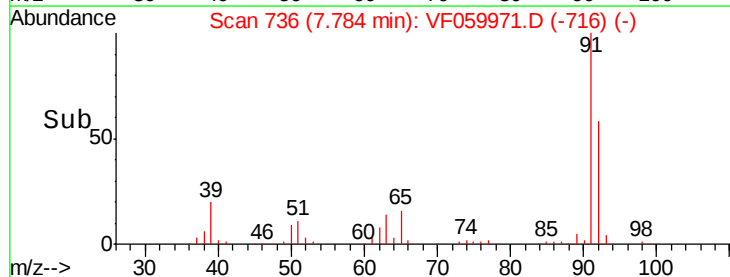
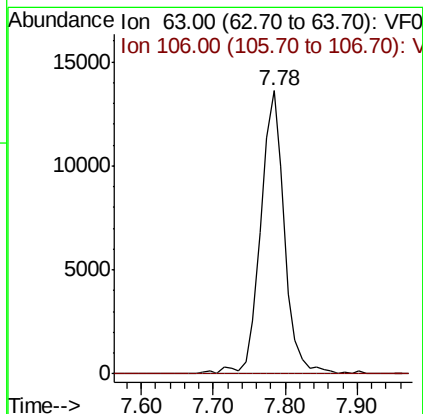
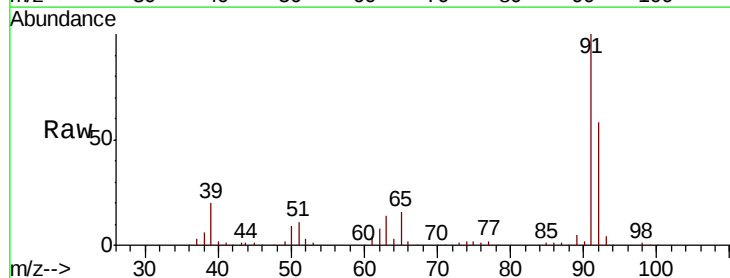
Acq: 16 Aug 2018 20:36

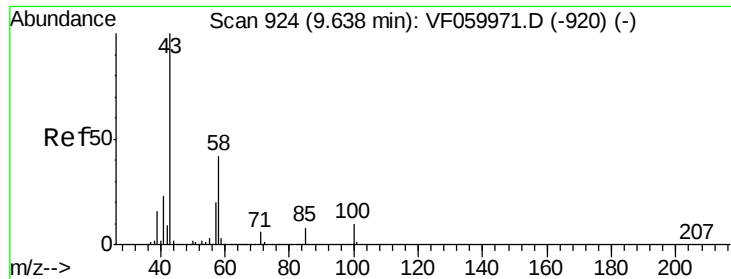
Tgt Ion: 63 Resp: 31330

Ion Ratio Lower Upper

63 100

106 0.0 0.0 0.0





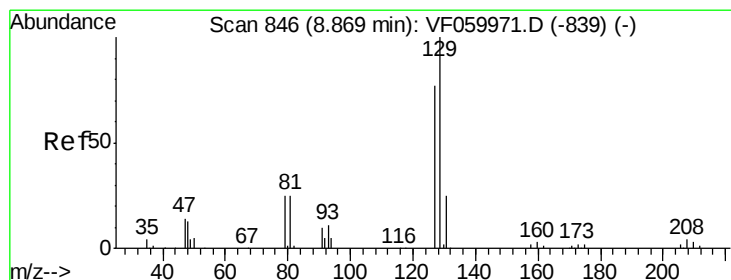
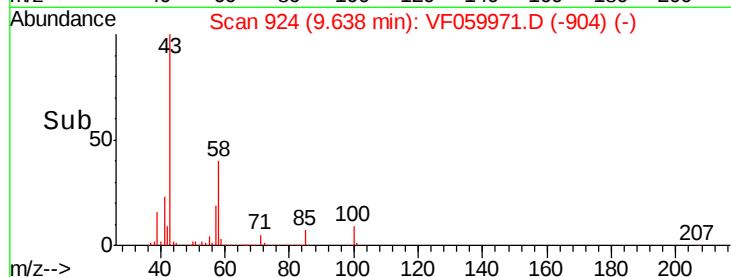
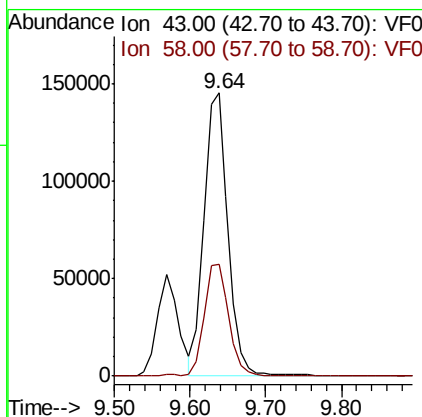
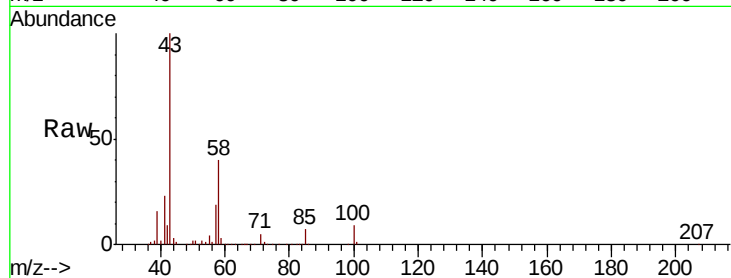
#59  
2-Hexanone  
Concen: 430.93 ug/l  
RT: 9.64 min Scan# 924  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 58      | 39.5  | 19.8  | 59.3  |

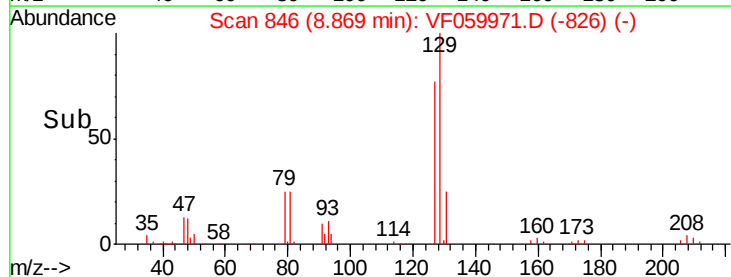
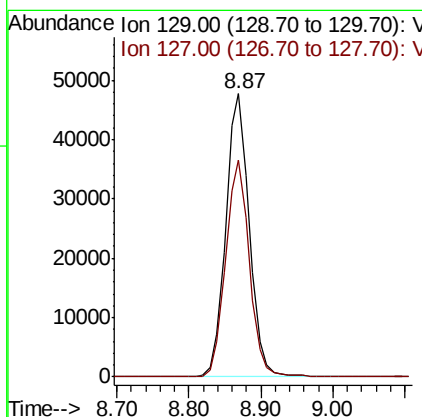
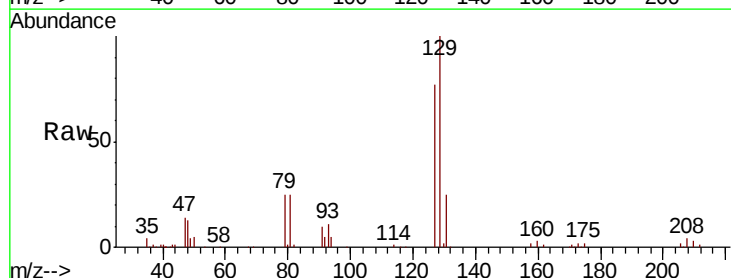
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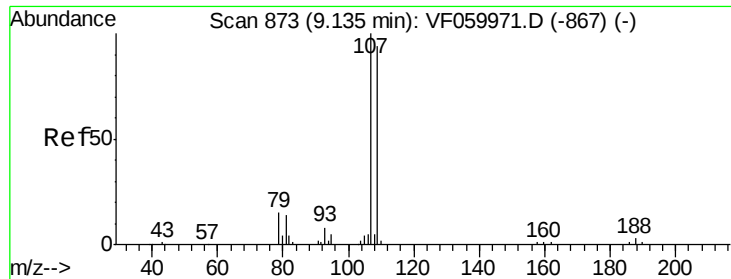
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#60  
Dibromochloromethane  
Concen: 62.66 ug/l  
RT: 8.87 min Scan# 846  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 129     | 100   |       |       |
| 127     | 76.8  | 38.4  | 115.2 |





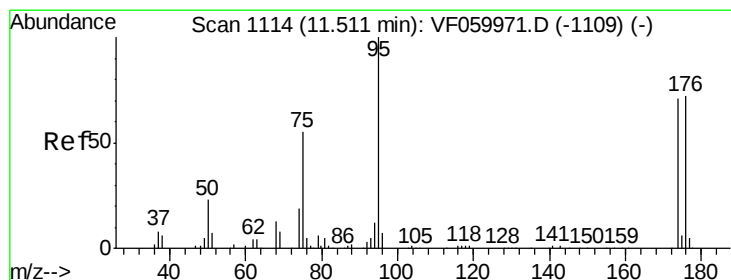
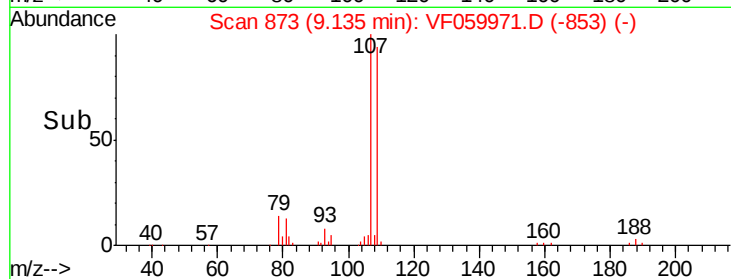
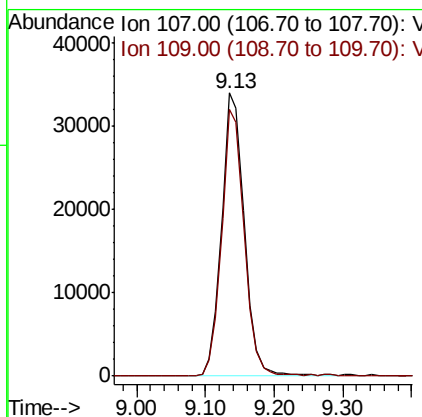
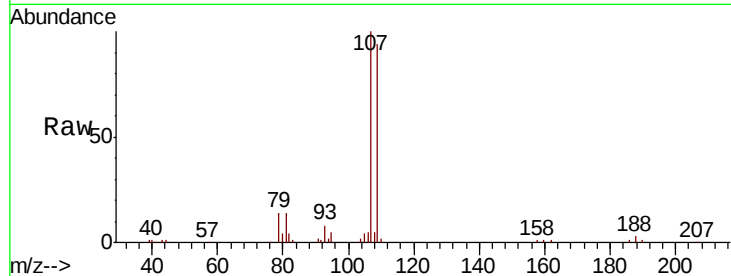
#61  
 1,2-Dibromoethane  
 Concen: 69.27 ug/l  
 RT: 9.13 min Scan# 873  
 Delta R.T. 0.00 min  
 Lab File: VF059971.D  
 Acq: 16 Aug 2018 20:36

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDICCC050

Tot Ion:107 Resp: 77658  
 Ion Ratio Lower Upper  
 107 100  
 109 94.2 75.4 113.0

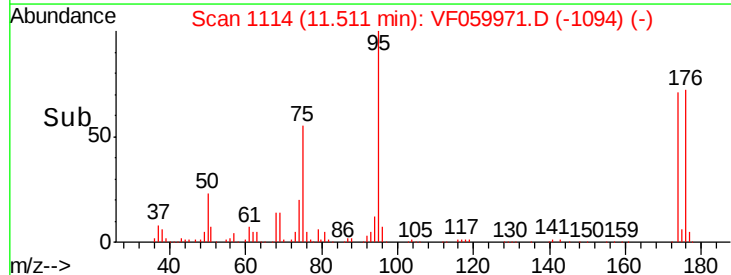
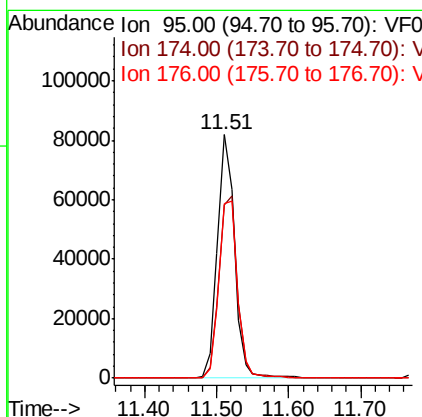
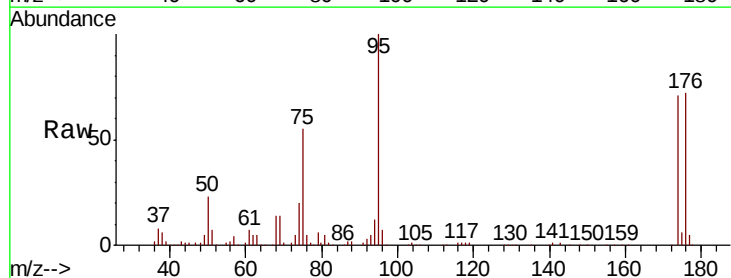
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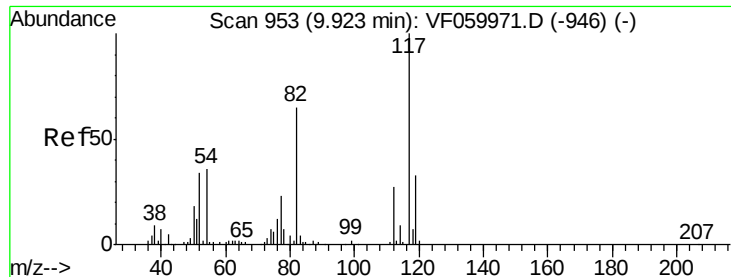
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#62  
 4-Bromofluorobenzene  
 Concen: 60.77 ug/l  
 RT: 11.51 min Scan# 1114  
 Delta R.T. 0.00 min  
 Lab File: VF059971.D  
 Acq: 16 Aug 2018 20:36

Tgt Ion: 95 Resp: 133668  
 Ion Ratio Lower Upper  
 95 100  
 174 71.4 0.0 142.8  
 176 71.7 0.0 143.4





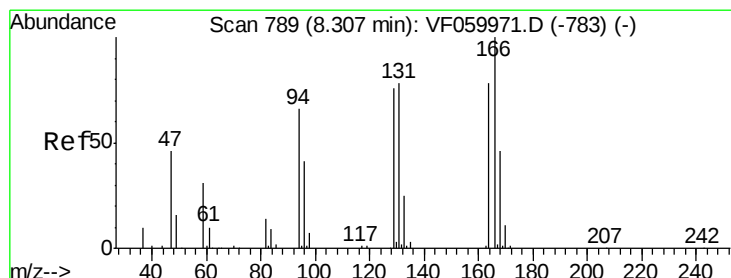
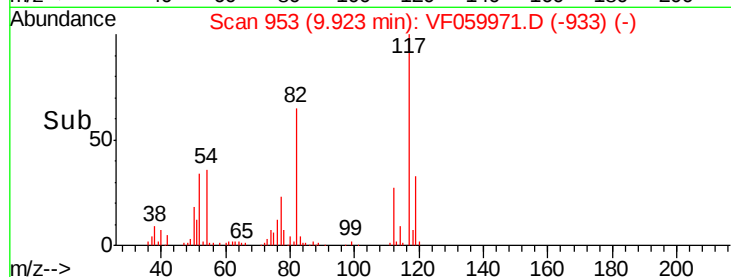
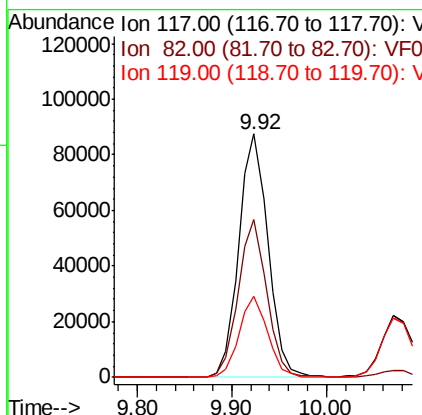
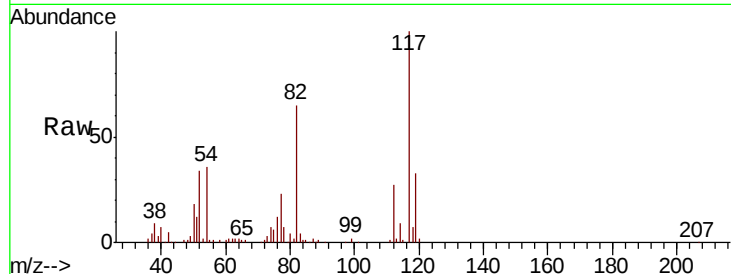
#63  
Chlorobenzene-d5  
Concen: 50.00 ug/l  
RT: 9.92 min Scan# 953  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 65.0  | 52.0  | 78.0  |
| 119     | 33.2  | 26.6  | 39.8  |

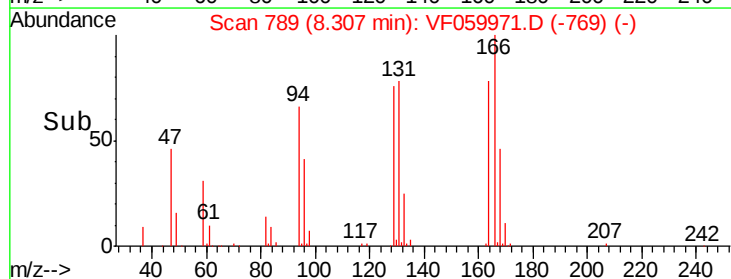
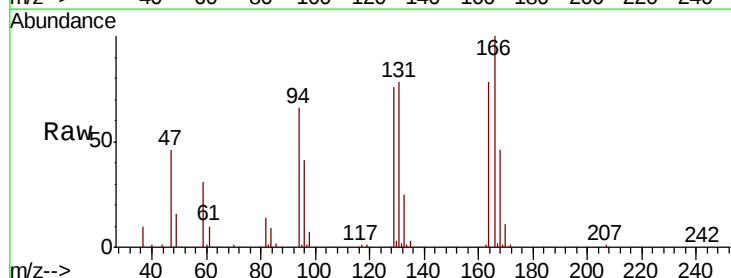
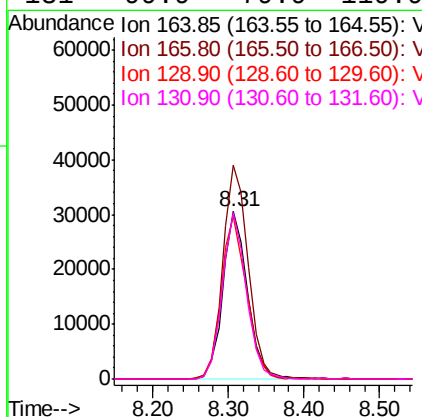
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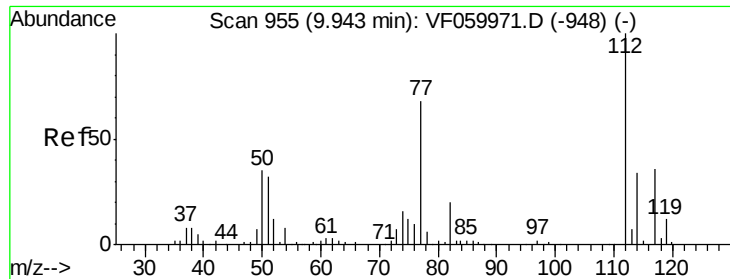
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#64  
Tetrachloroethene  
Concen: 47.10 ug/l  
RT: 8.31 min Scan# 789  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 127.7 | 102.2 | 153.2 |
| 129     | 97.2  | 77.8  | 116.6 |
| 131     | 99.9  | 79.9  | 119.9 |





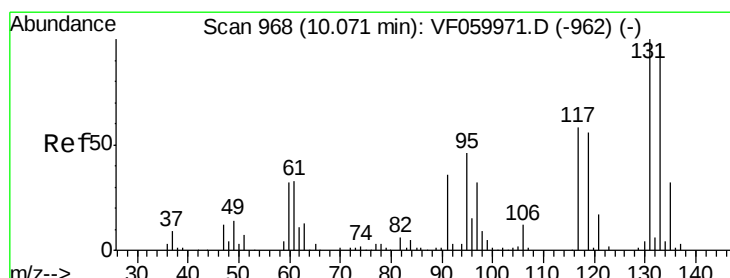
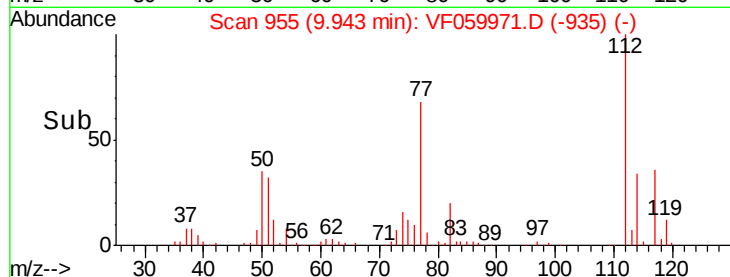
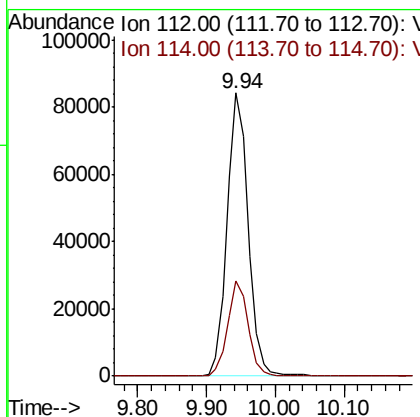
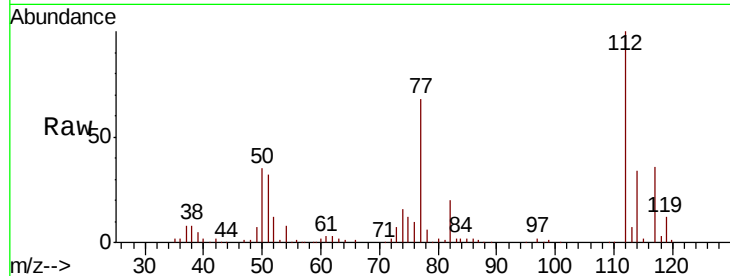
#65  
Chlorobenzene  
Concen: 49.31 ug/l  
RT: 9.94 min Scan# 955  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

Tot Ion:112 Resp: 178956  
Ion Ratio Lower Upper  
112 100  
114 33.7 27.0 40.4

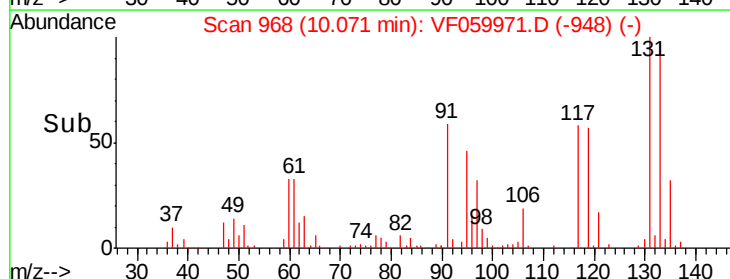
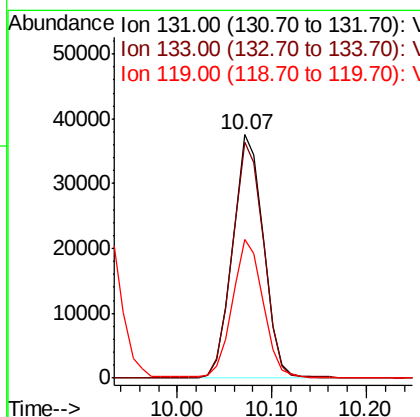
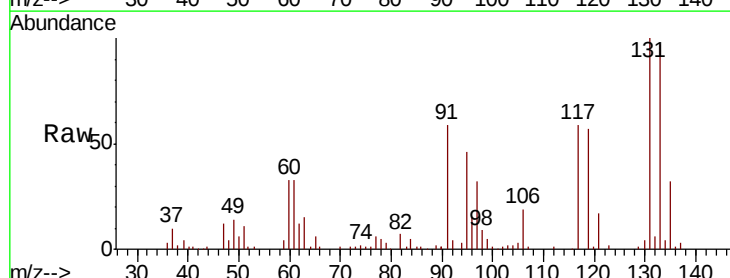
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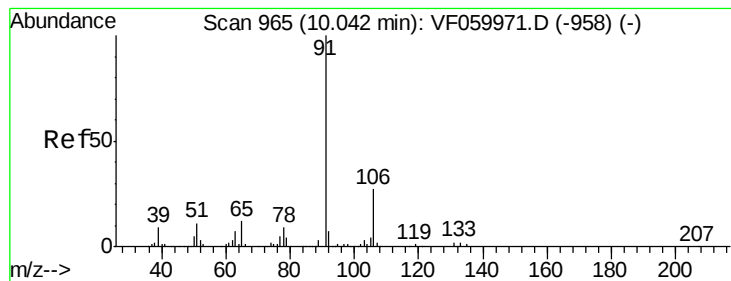
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.29 ug/l  
RT: 10.07 min Scan# 968  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

Tgt Ion:131 Resp: 84542  
Ion Ratio Lower Upper  
131 100  
133 97.1 48.5 145.6  
119 56.8 28.4 85.2





#67

Ethyl Benzene

Concen: 49.86 ug/l

RT: 10.04 min Scan# 965

Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

Instrument :

MSVOA\_F

ClientSampleId :

VSTDICCC050

Tot Ion: 91 Resp: 320499

Ion Ratio Lower Upper

91 100

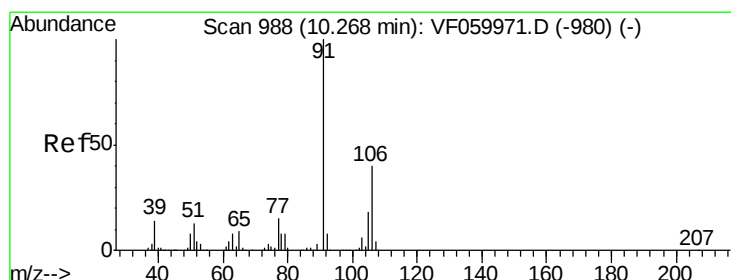
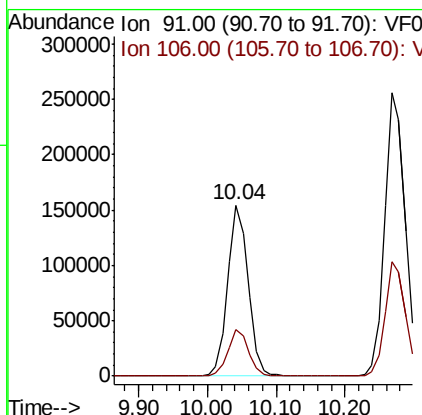
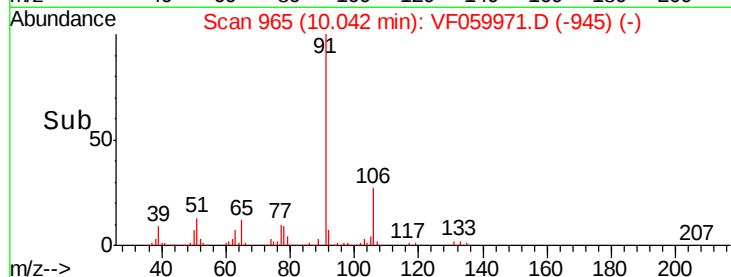
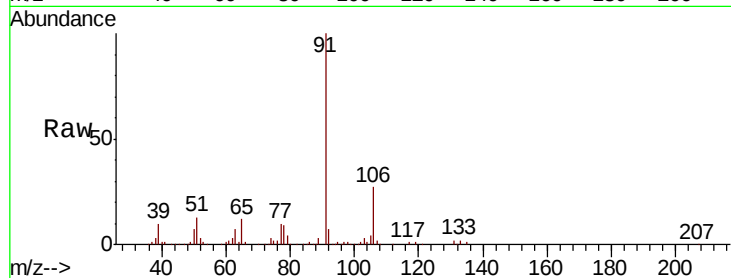
106 27.3 21.8 32.8

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#68

m/p-Xylenes

Concen: 99.59 ug/l

RT: 10.27 min Scan# 988

Delta R.T. 0.00 min

Lab File: VF059971.D

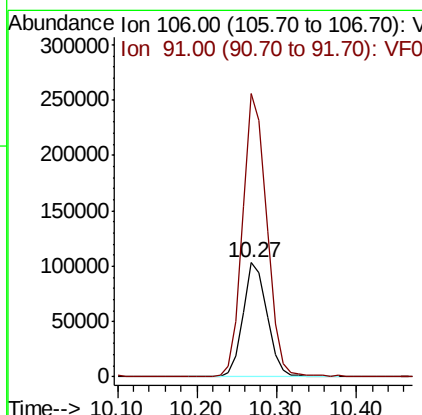
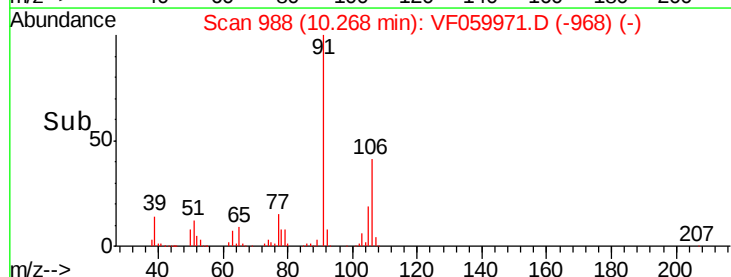
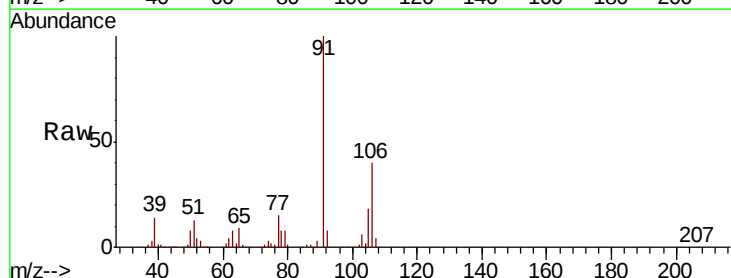
Acq: 16 Aug 2018 20:36

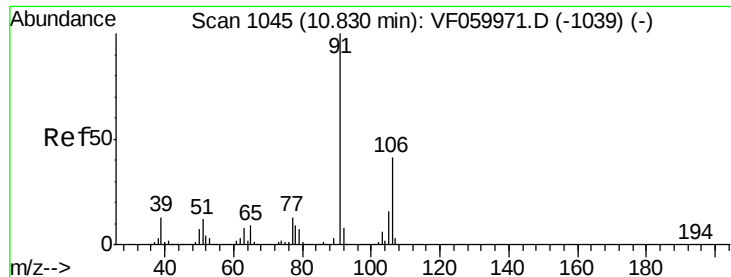
Tgt Ion: 106 Resp: 215729

Ion Ratio Lower Upper

106 100

91 247.5 198.0 297.0





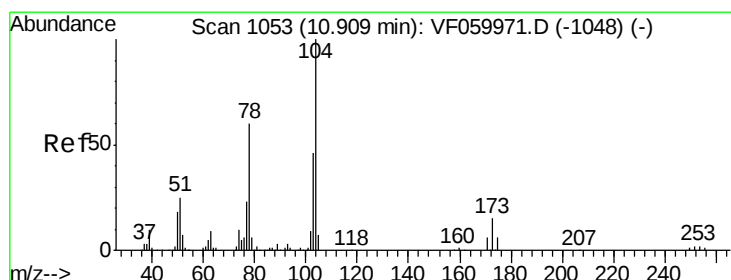
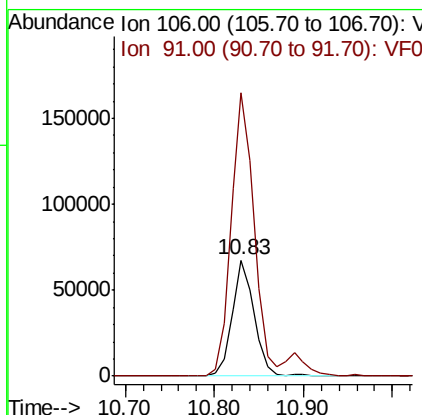
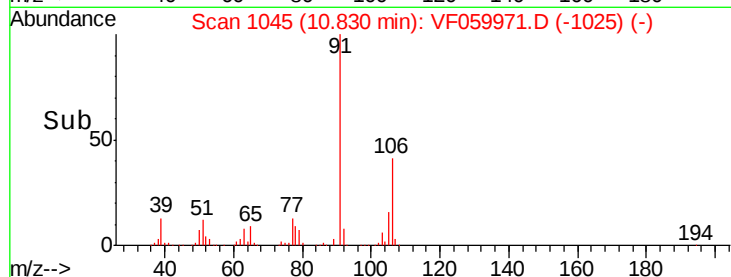
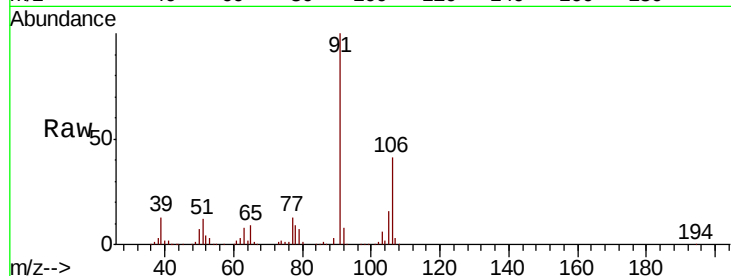
#69  
o-Xylene  
Concen: 50.35 ug/l  
RT: 10.83 min Scan# 1045  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 106     | 100   |       |       |
| 91      | 243.8 | 121.9 | 365.7 |

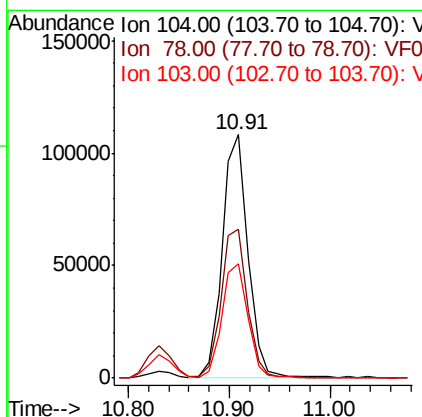
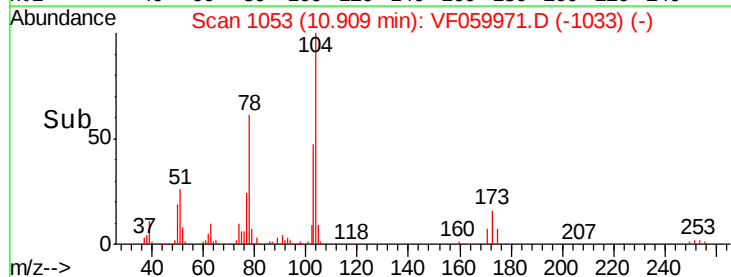
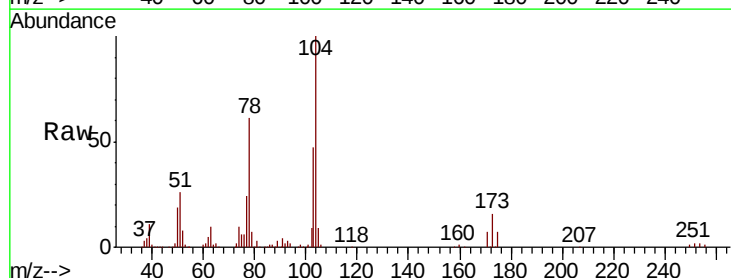
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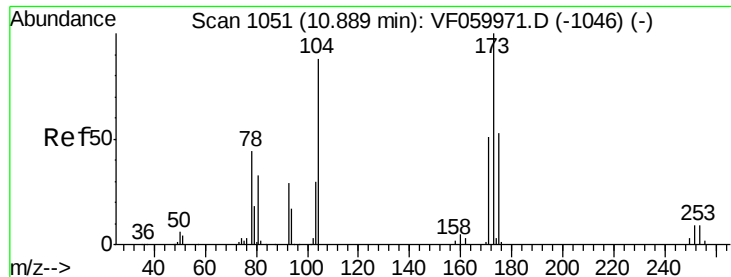
apatel  
8/17/2018 11:24:21 AM



#70  
Styrene  
Concen: 54.15 ug/l  
RT: 10.91 min Scan# 1053  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 104     | 100   |       |       |
| 78      | 61.2  | 49.0  | 73.4  |
| 103     | 46.9  | 37.5  | 56.3  |





#71

Bromoform

Concen: 64.61 ug/l

RT: 10.89 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

Instrument :

MSVOA\_F

ClientSampleId :

VSTDICCC050

Tot Ion:173 Resp: 74668

Ion Ratio Lower Upper

173 100

175 52.5 26.3 78.8

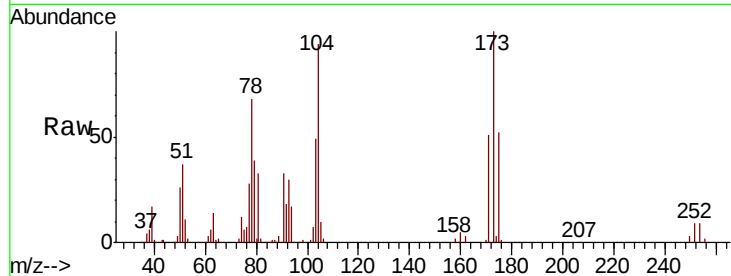
254 0.0 0.0 0.0

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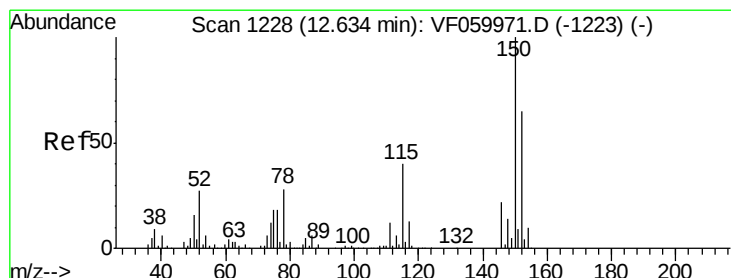
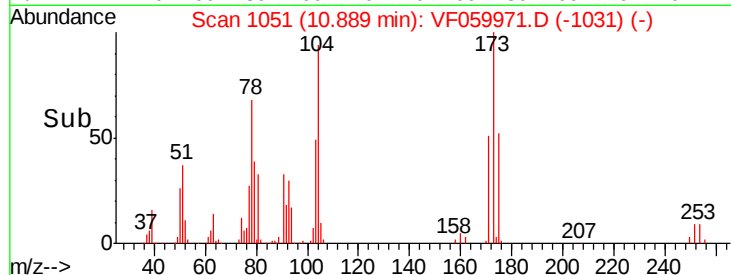
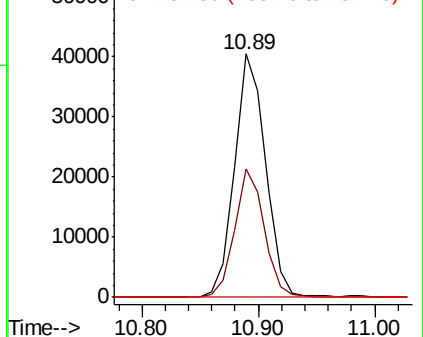
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Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.63 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

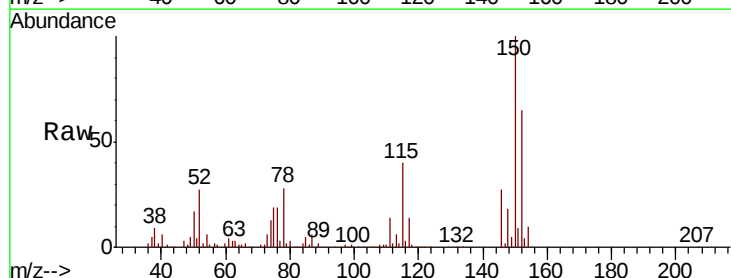
Tgt Ion:152 Resp: 133449

Ion Ratio Lower Upper

152 100

115 61.3 30.6 92.0

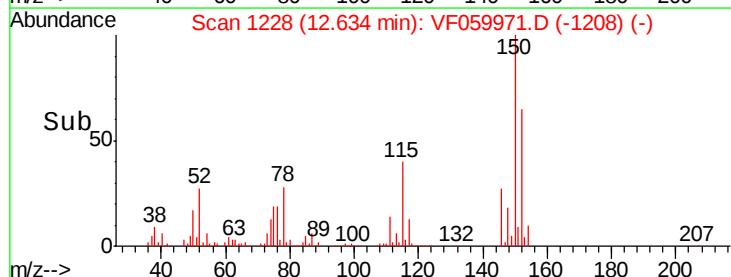
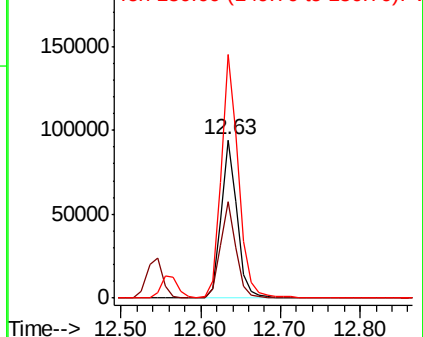
150 154.1 0.0 308.2

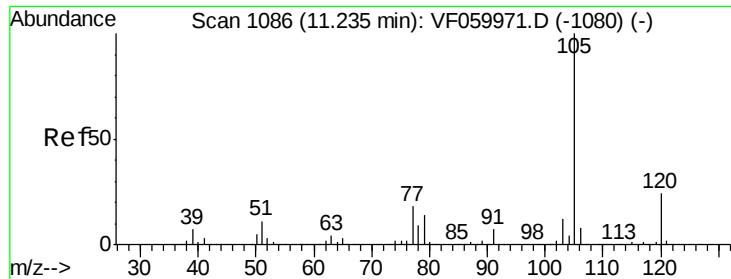


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 47.77 ug/l

RT: 11.23 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

Instrument :

MSVOA\_F

ClientSampleId :

VSTDICCC050

Tot Ion: 105 Resp: 394107

Ion Ratio Lower Upper

105 100

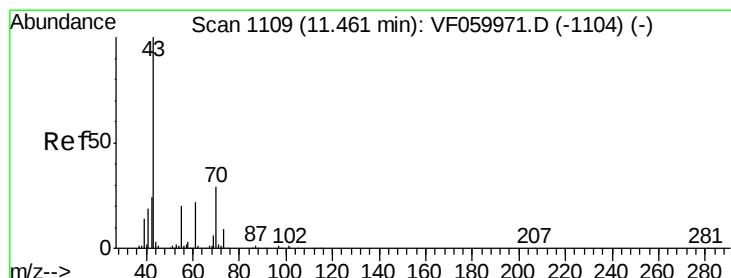
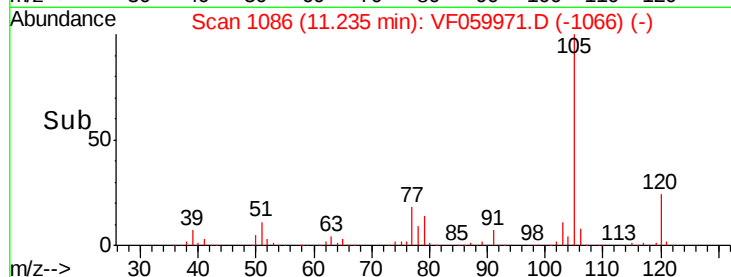
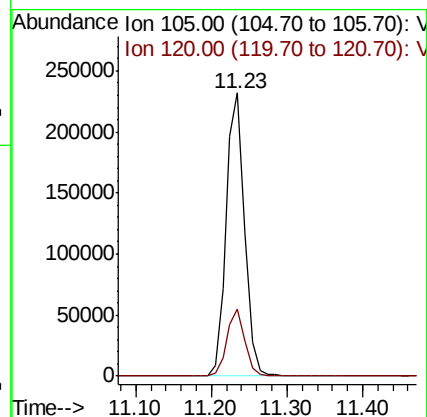
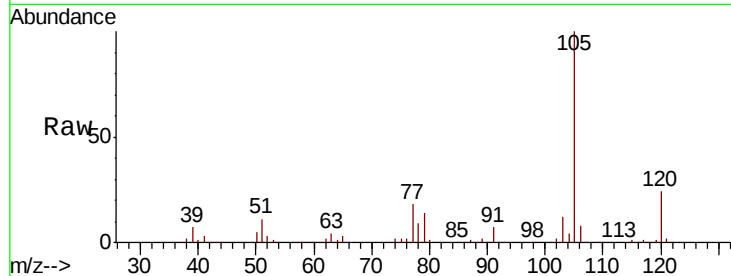
120 23.7 11.9 35.5

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#74

N-ethyl acetate

Concen: 70.60 ug/l

RT: 11.46 min Scan# 1109

Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

Tgt Ion: 43 Resp: 141193

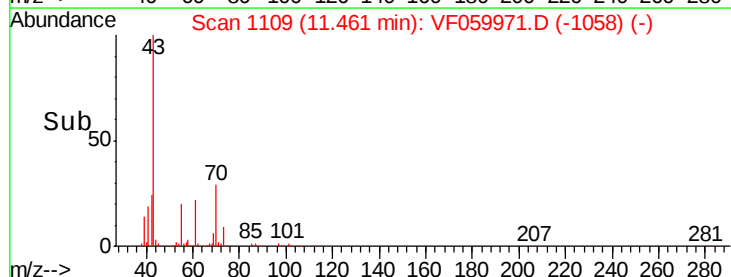
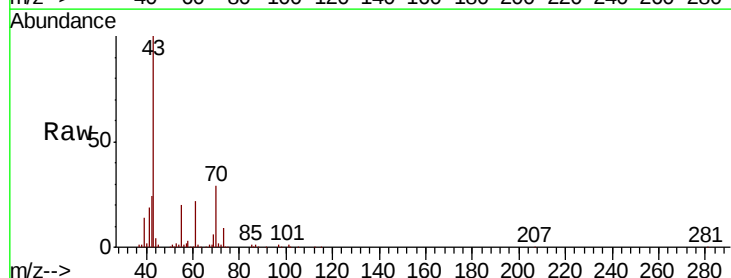
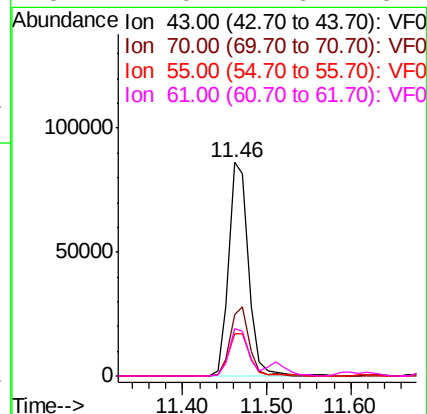
Ion Ratio Lower Upper

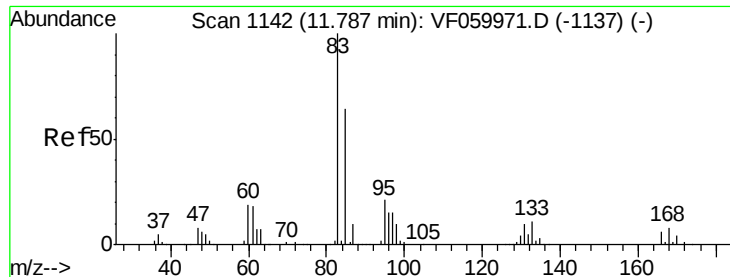
43 100

70 29.0 23.2 34.8

55 19.8 15.8 23.8

61 22.0 17.6 26.4





#75

1,1,2,2-Tetrachloroethane

Concen: 63.68 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

Instrument :

MSVOA\_F

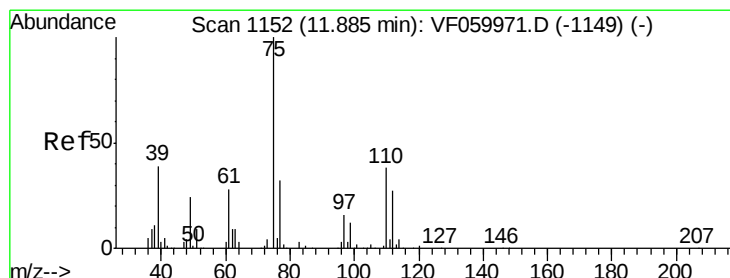
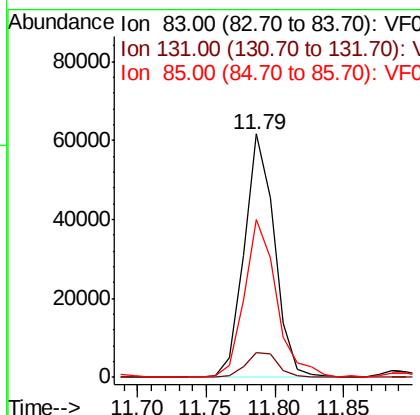
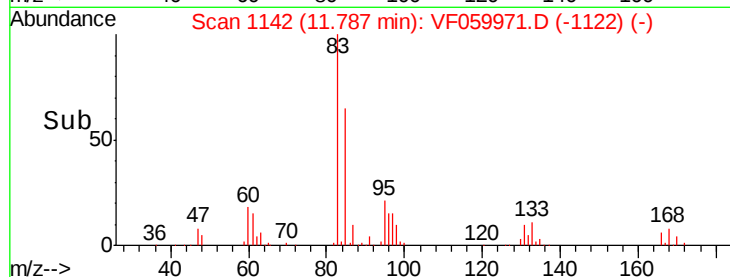
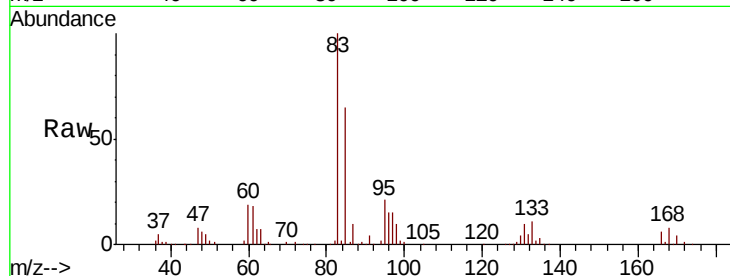
ClientSampleId :

VSTDICCC050

|           |       |       |       |
|-----------|-------|-------|-------|
| Tot Ion:  | 83    | Resp: | 95141 |
| Ion Ratio | Lower | Upper |       |
| 83        | 100   |       |       |
| 131       | 10.3  | 5.1   | 15.4  |
| 85        | 64.6  | 32.3  | 96.9  |

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#76

1,2,3-Trichloropropane

Concen: 66.38 ug/l

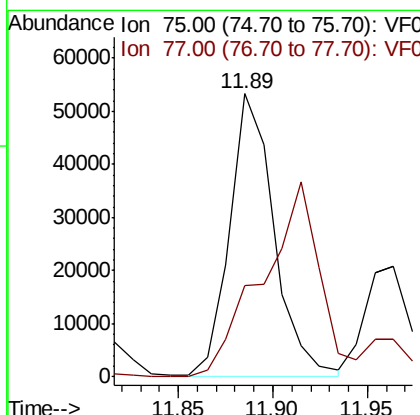
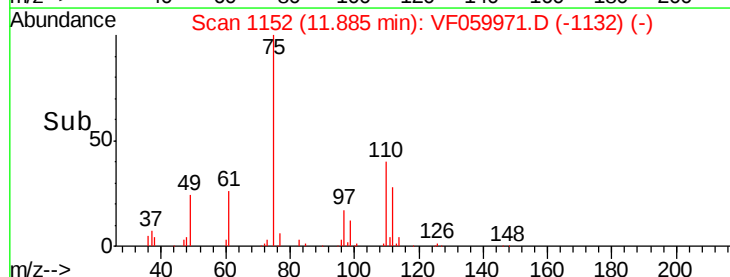
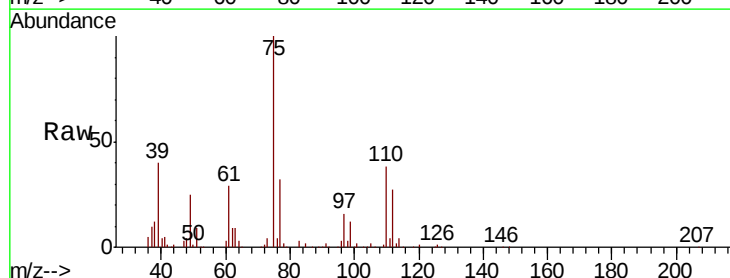
RT: 11.89 min Scan# 1152

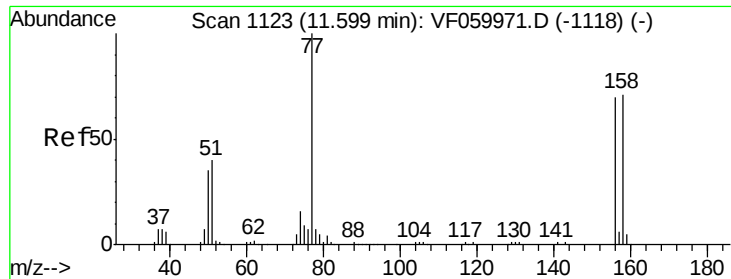
Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 75    | Resp: | 85992 |
| Ion Ratio | Lower | Upper |       |
| 75        | 100   |       |       |
| 77        | 32.3  | 16.2  | 48.5  |





#77

Bromobenzene

Concen: 49.99 ug/l

RT: 11.60 min Scan# 1123

Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

Instrument :

MSVOA\_F

ClientSampleId :

VSTDICCC050

Tot Ion:156 Resp: 110168

Ion Ratio Lower Upper

156 100

77 143.7 71.9 215.6

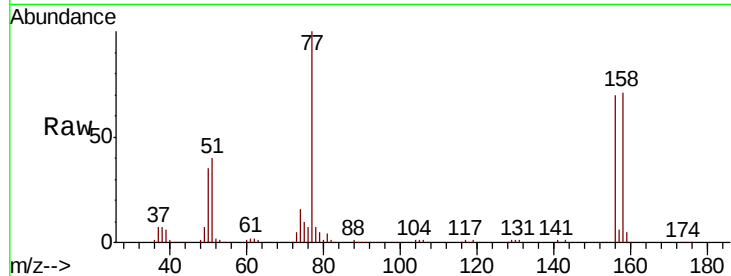
158 102.4 51.2 153.6

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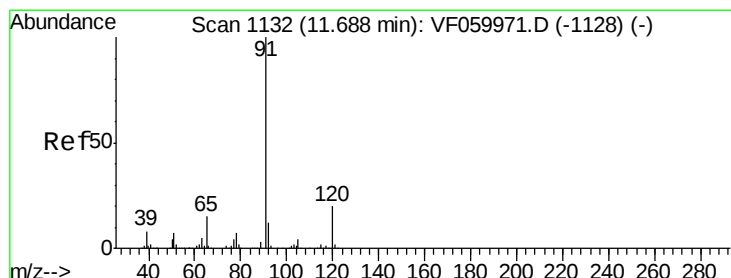
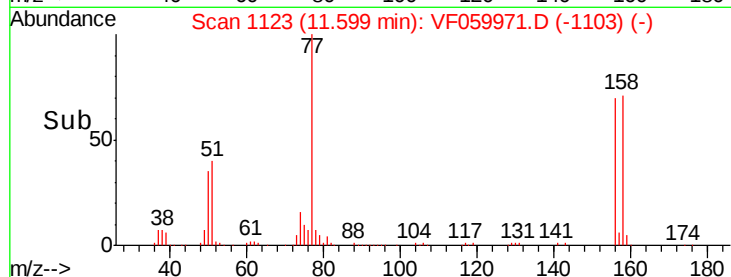
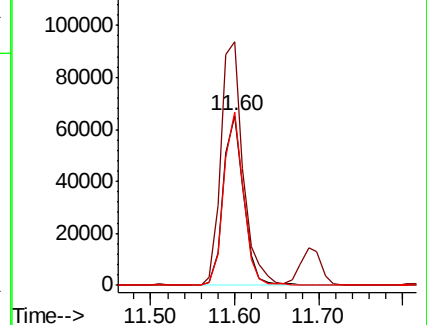
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Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 48.01 ug/l

RT: 11.69 min Scan# 1132

Delta R.T. 0.00 min

Lab File: VF059971.D

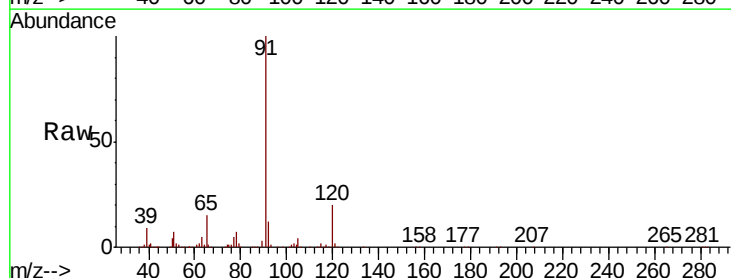
Acq: 16 Aug 2018 20:36

Tgt Ion: 91 Resp: 466890

Ion Ratio Lower Upper

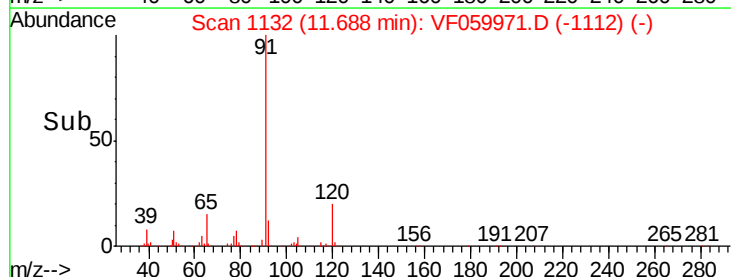
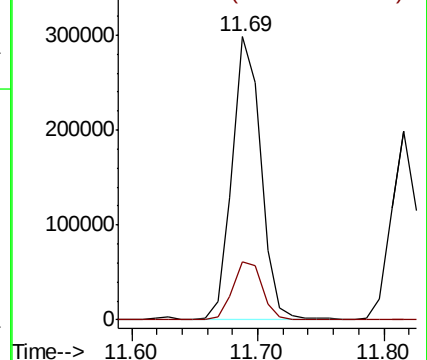
91 100

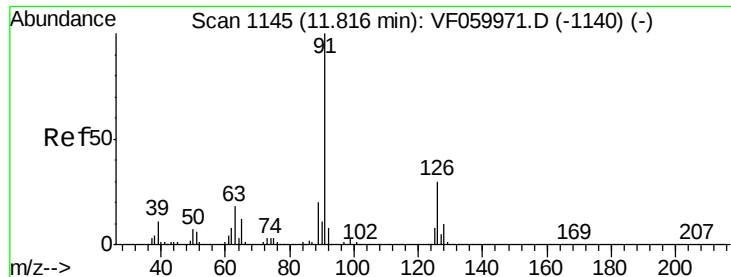
120 20.4 10.2 30.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





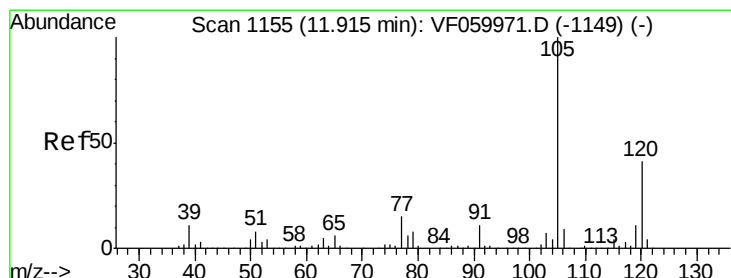
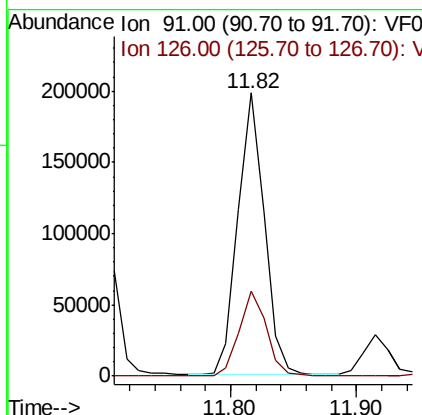
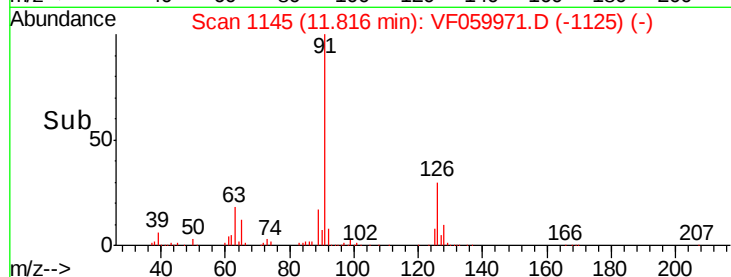
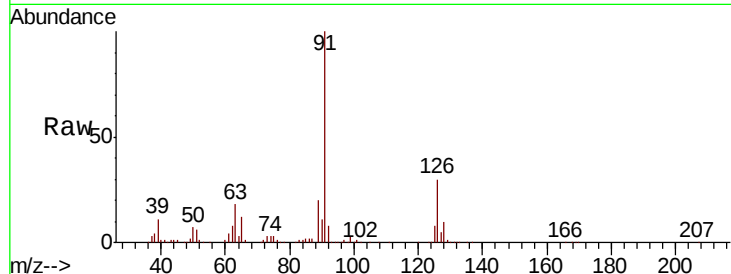
#79  
 2-Chlorotoluene  
 Concen: 47.16 ug/l  
 RT: 11.82 min Scan# 1145  
 Delta R.T. 0.00 min  
 Lab File: VF059971.D  
 Acq: 16 Aug 2018 20:36

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 91      | 100   | 288291 |       |       |
| 126     | 29.9  | 14.9   | 44.9  |       |

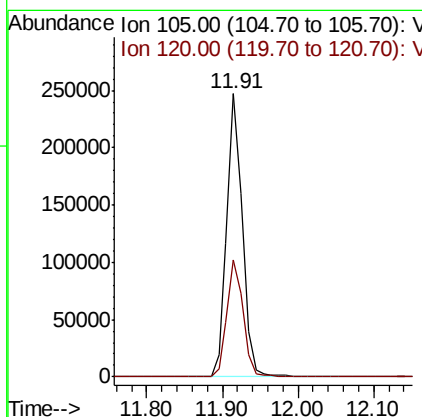
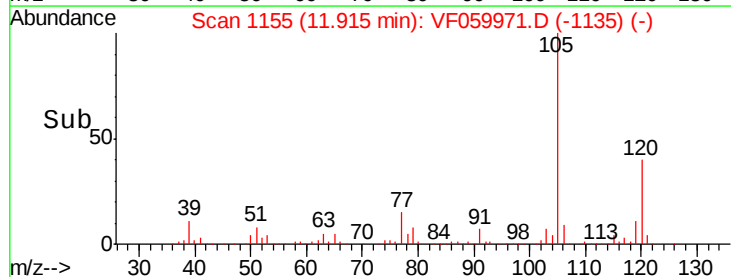
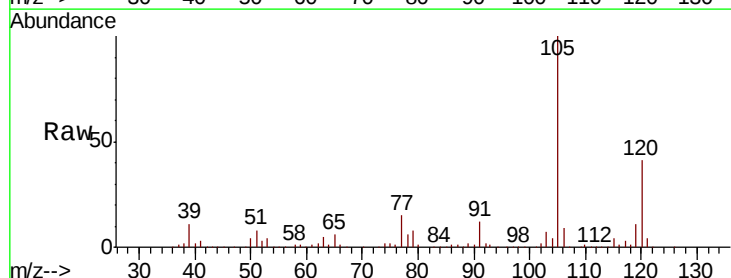
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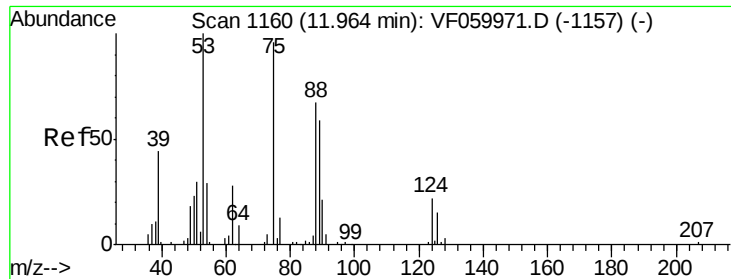
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#80  
 1,3,5-Trimethylbenzene  
 Concen: 46.00 ug/l  
 RT: 11.91 min Scan# 1155  
 Delta R.T. 0.00 min  
 Lab File: VF059971.D  
 Acq: 16 Aug 2018 20:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 353750 |       |       |
| 120     | 41.2  | 20.6   | 61.8  |       |





#81

trans-1,4-Dichloro-2-butene

Concen: 68.15 ug/l m

RT: 11.96 min Scan# 1160

Delta R.T. 0.00 min

Lab File: VF059971.D

Acq: 16 Aug 2018 20:36

Instrument :

MSVOA\_F

ClientSampleId :

VSTDICCC050

Tot Ion: 75 Resp: 36924

Ion Ratio Lower Upper

75 100

53 106.4 85.1 127.7

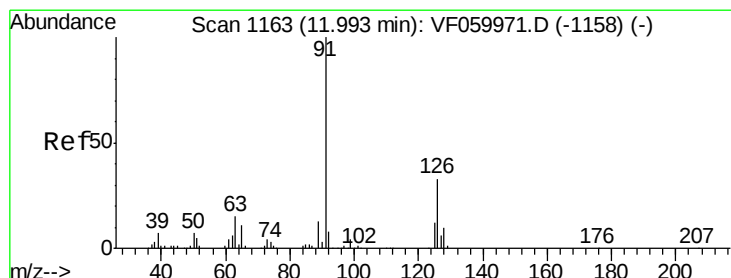
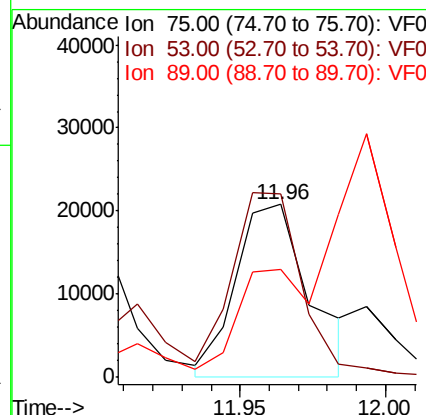
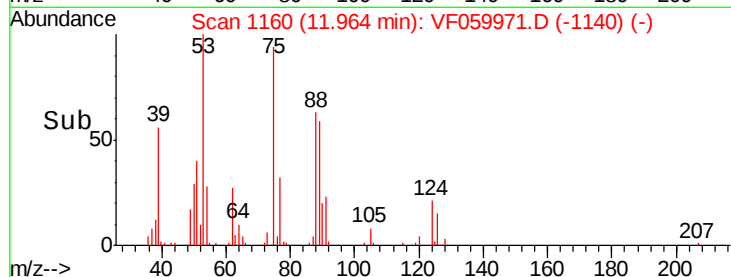
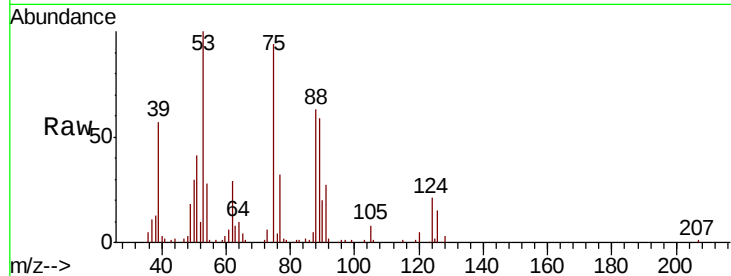
89 62.8 50.2 75.4

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#82

4-Chlorotoluene

Concen: 47.63 ug/l

RT: 11.99 min Scan# 1163

Delta R.T. 0.00 min

Lab File: VF059971.D

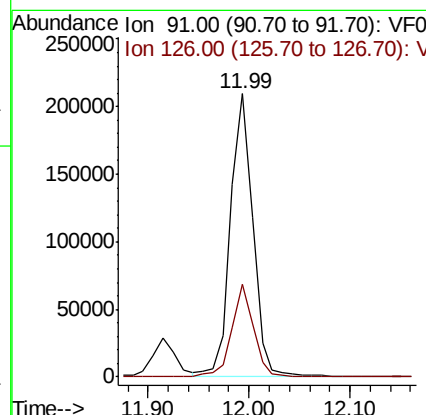
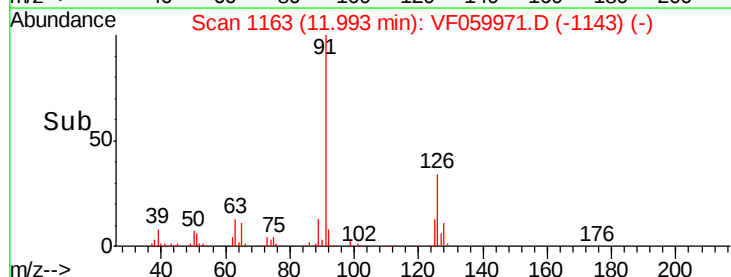
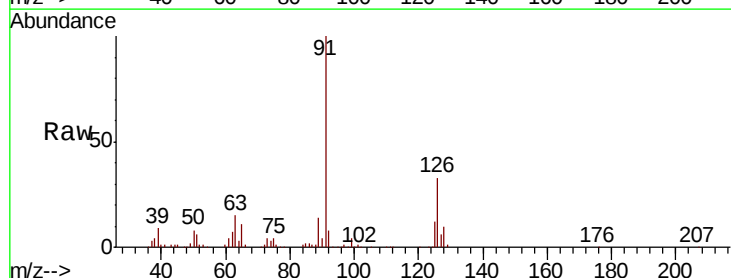
Acq: 16 Aug 2018 20:36

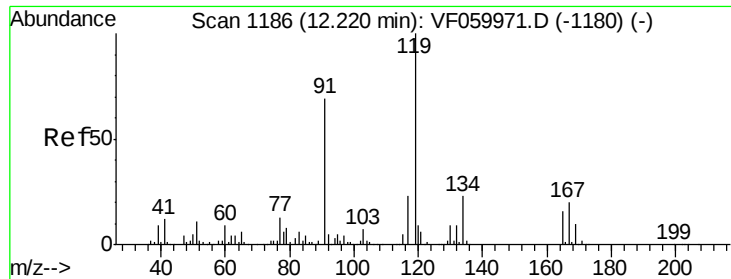
Tgt Ion: 91 Resp: 322210

Ion Ratio Lower Upper

91 100

126 32.8 16.4 49.2





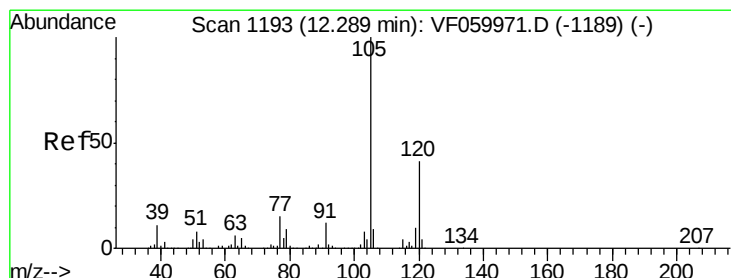
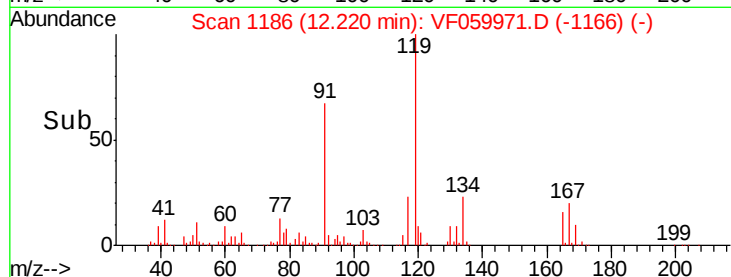
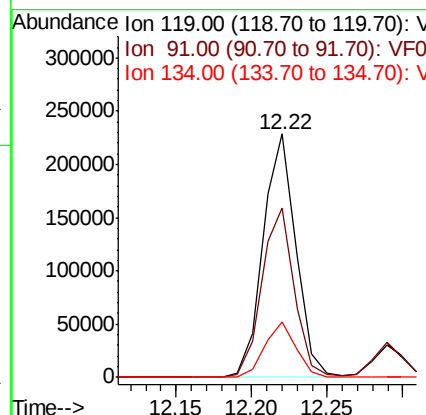
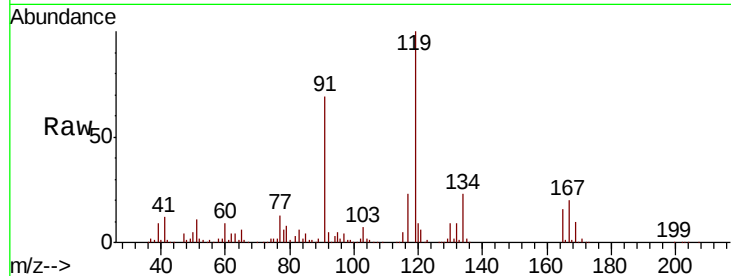
#83  
 tert-Butylbenzene  
 Concen: 45.92 ug/l  
 RT: 12.22 min Scan# 1186  
 Delta R.T. 0.00 min  
 Lab File: VF059971.D  
 Acq: 16 Aug 2018 20:36

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 345690 |       |       |
| 91      | 69.5  | 34.8   | 104.3 |       |
| 134     | 22.9  | 11.5   | 34.4  |       |

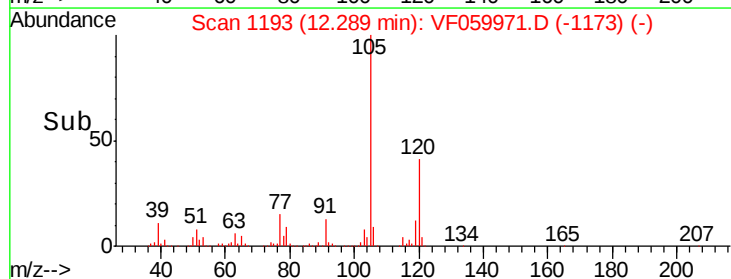
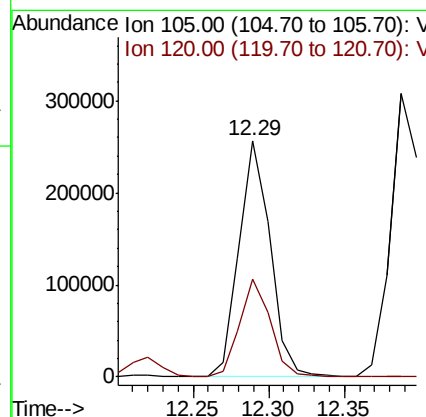
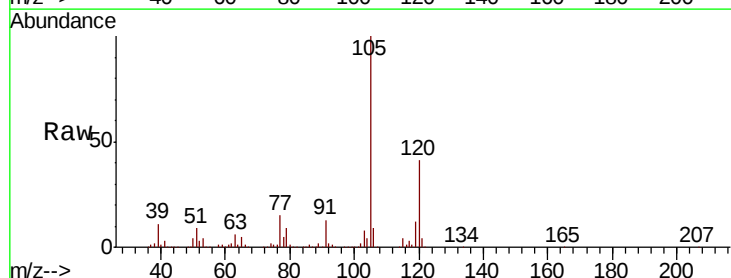
Manual Integrations  
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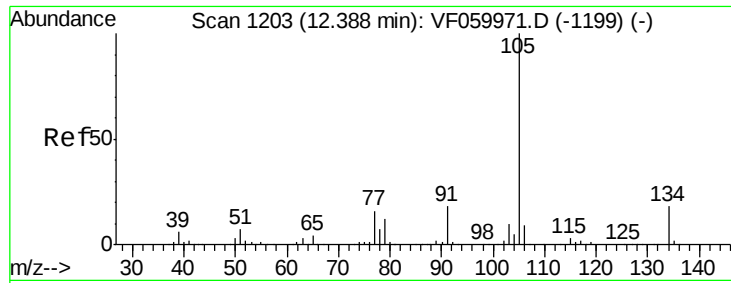
apatel  
 8/17/2018 11:24:21 AM



#84  
 1,2,4-Trimethylbenzene  
 Concen: 47.60 ug/l  
 RT: 12.29 min Scan# 1193  
 Delta R.T. 0.00 min  
 Lab File: VF059971.D  
 Acq: 16 Aug 2018 20:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 367987 |       |       |
| 120     | 41.2  | 20.6   | 61.8  |       |





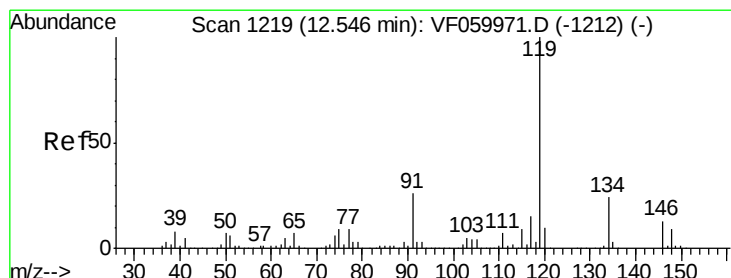
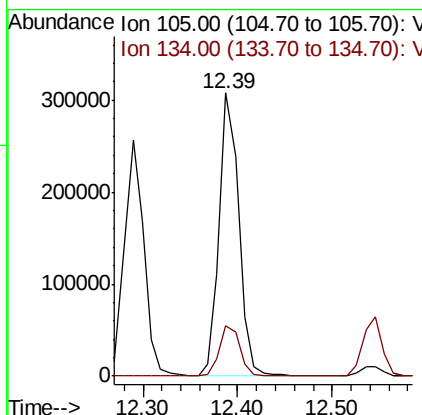
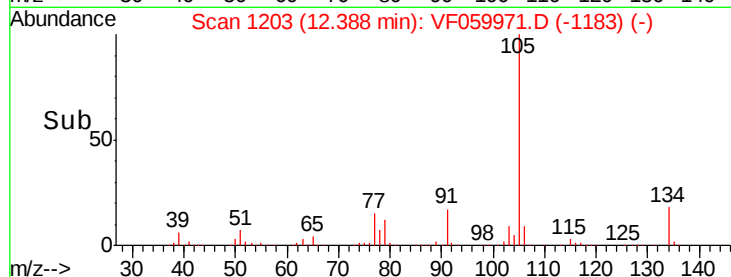
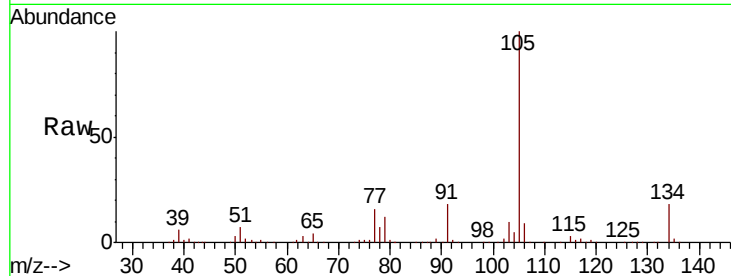
#85  
 sec-Butylbenzene  
 Concen: 46.39 ug/l  
 RT: 12.39 min Scan# 1203  
 Delta R.T. 0.00 min  
 Lab File: VF059971.D  
 Acq: 16 Aug 2018 20:36

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDICCC050

Tot Ion:105 Resp: 444310  
 Ion Ratio Lower Upper  
 105 100  
 134 17.8 8.9 26.7

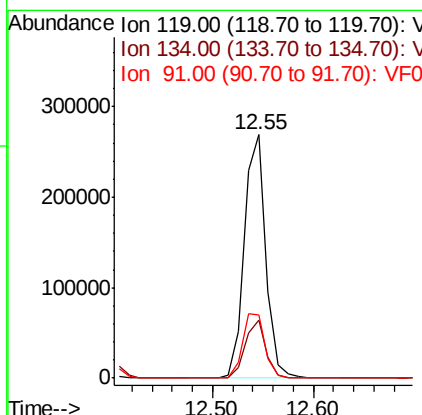
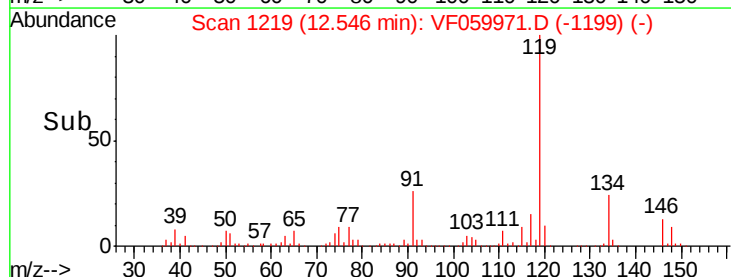
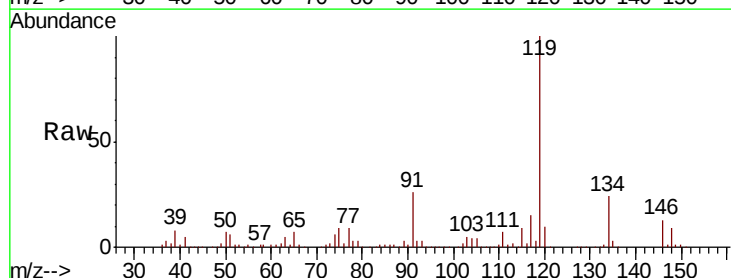
Manual Integrations  
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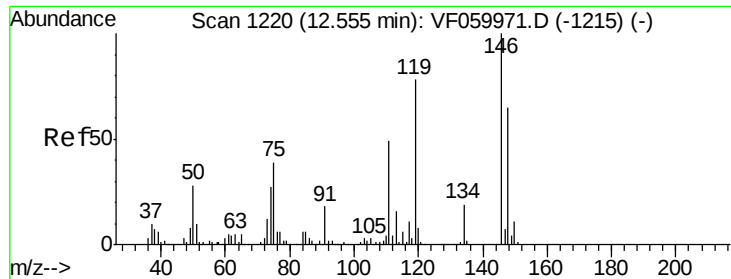
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#86  
 p-Isopropyltoluene  
 Concen: 47.00 ug/l  
 RT: 12.55 min Scan# 1219  
 Delta R.T. 0.00 min  
 Lab File: VF059971.D  
 Acq: 16 Aug 2018 20:36

Tgt Ion:119 Resp: 397990  
 Ion Ratio Lower Upper  
 119 100  
 134 24.1 12.0 36.1  
 91 26.1 13.1 39.1





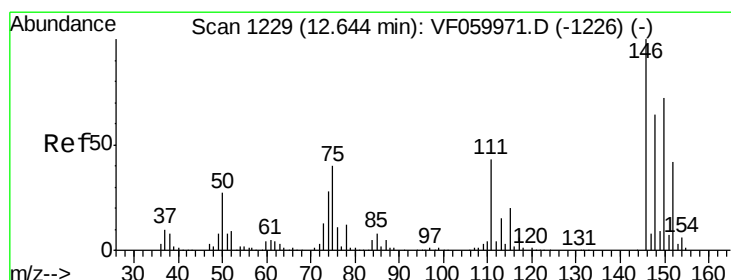
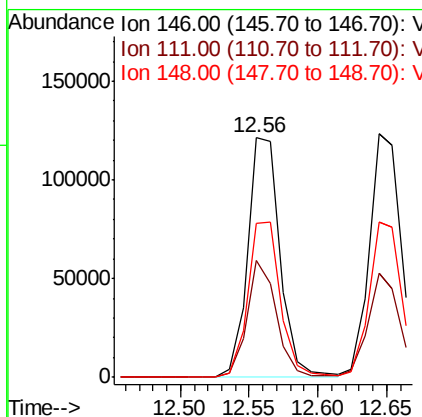
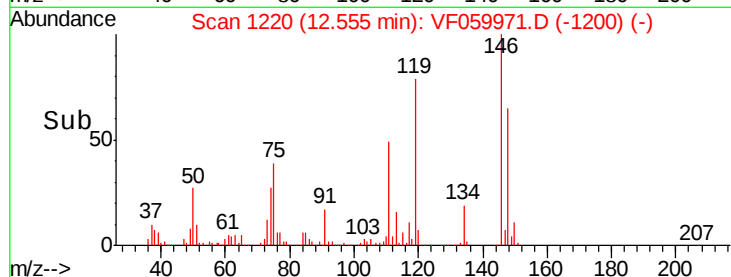
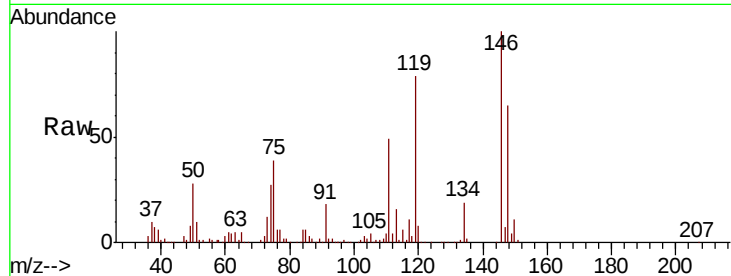
#87  
 1,3-Dichlorobenzene  
 Concen: 47.97 ug/l  
 RT: 12.56 min Scan# 1220  
 Delta R.T. 0.00 min  
 Lab File: VF059971.D  
 Acq: 16 Aug 2018 20:36

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 48.8  | 24.4  | 73.2  |
| 148     | 64.5  | 32.3  | 96.8  |

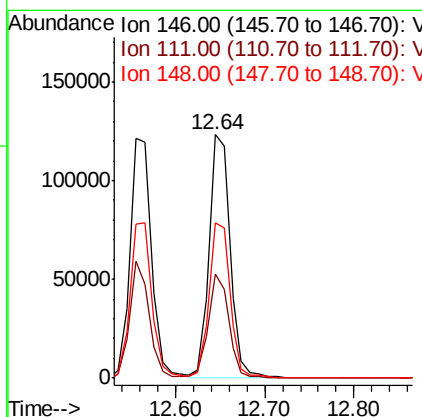
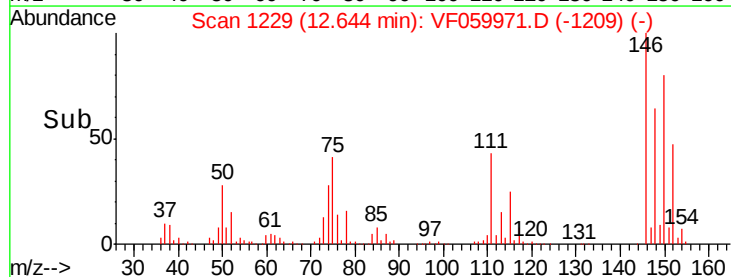
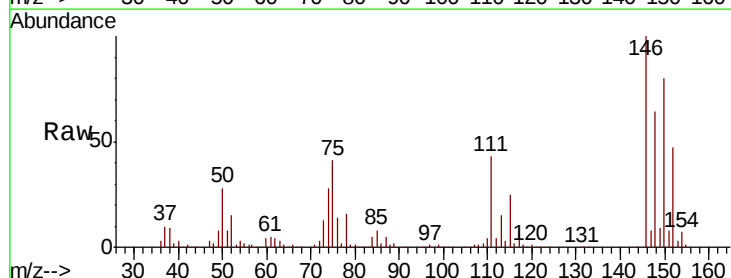
Manual Integrations  
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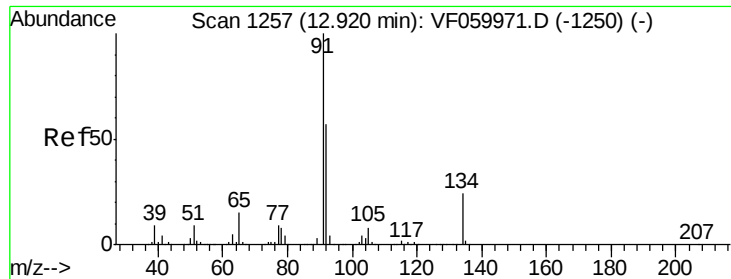
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#88  
 1,4-Dichlorobenzene  
 Concen: 49.31 ug/l  
 RT: 12.64 min Scan# 1229  
 Delta R.T. 0.00 min  
 Lab File: VF059971.D  
 Acq: 16 Aug 2018 20:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 42.8  | 21.4  | 64.2  |
| 148     | 63.8  | 31.9  | 95.7  |





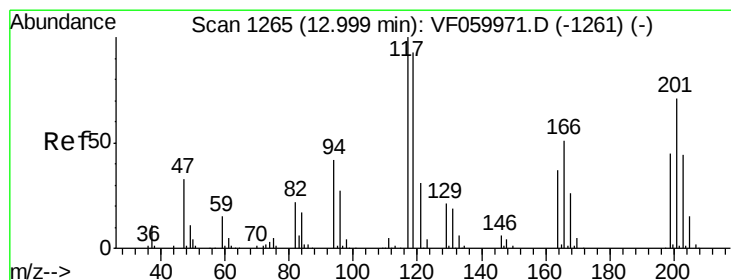
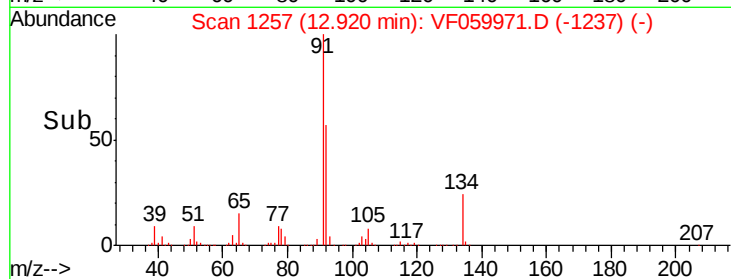
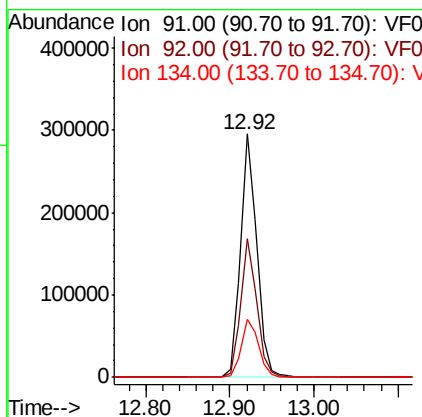
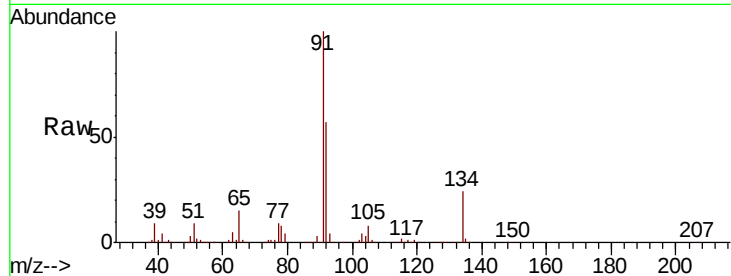
#89  
n-Butylbenzene  
Concen: 48.72 ug/l  
RT: 12.92 min Scan# 1257  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 91      | 100   |      |       |       |
| 92      | 56.7  | 28.3 | 85.0  |       |
| 134     | 23.8  | 11.9 | 35.7  |       |

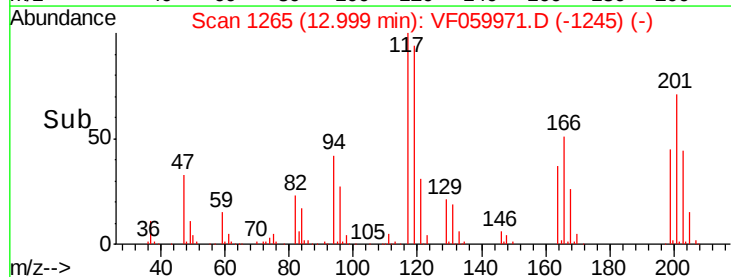
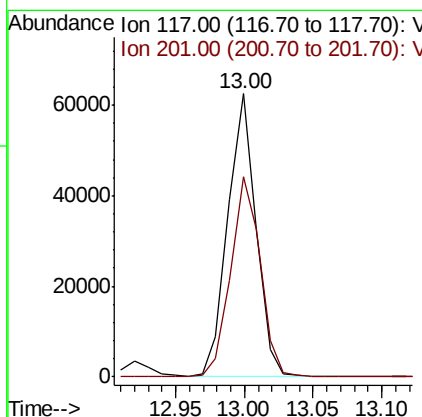
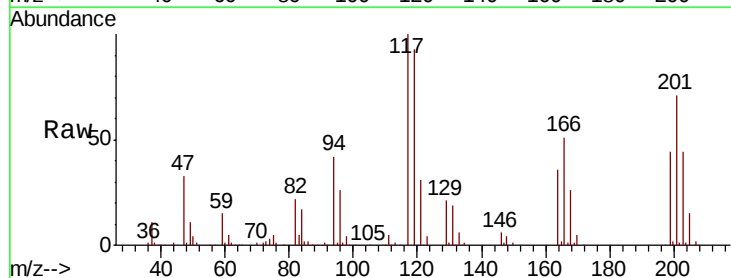
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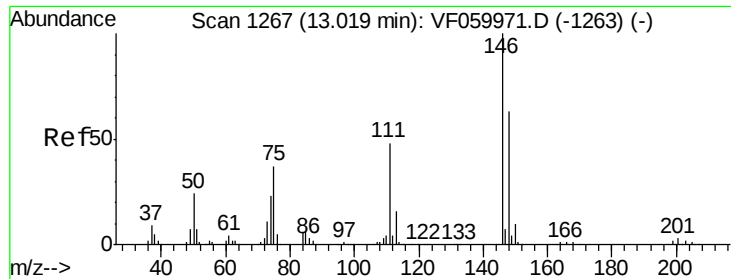
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#90  
Hexachloroethane  
Concen: 43.06 ug/l  
RT: 13.00 min Scan# 1265  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 117     | 100   |      |       |       |
| 201     | 70.5  | 35.3 | 105.7 |       |





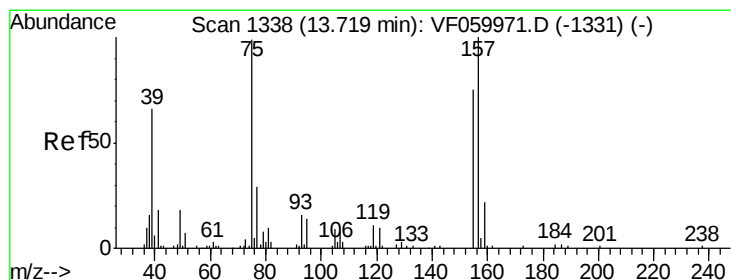
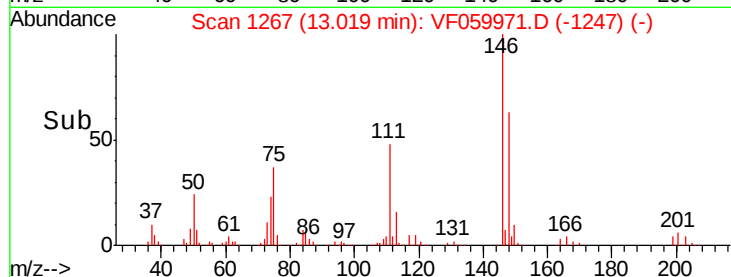
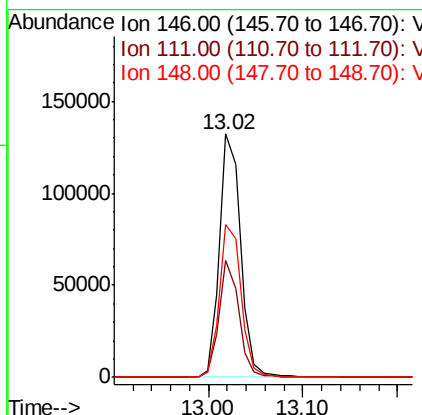
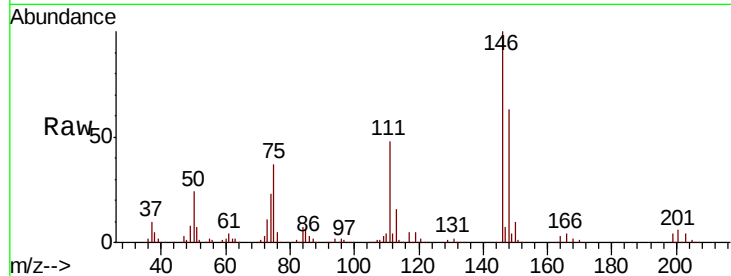
#91  
 1,2-Dichlorobenzene  
 Concen: 50.54 ug/l  
 RT: 13.02 min Scan# 1267  
 Delta R.T. 0.00 min  
 Lab File: VF059971.D  
 Acq: 16 Aug 2018 20:36

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 47.9  | 23.9  | 71.8  |
| 148     | 62.9  | 31.4  | 94.3  |

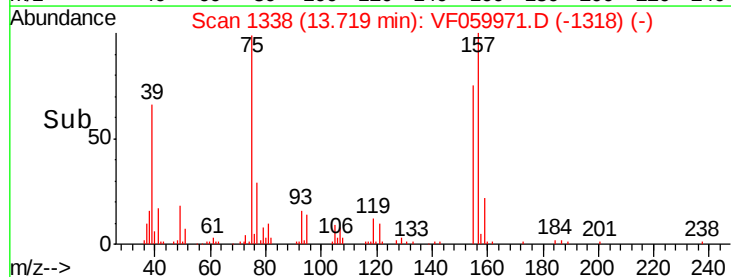
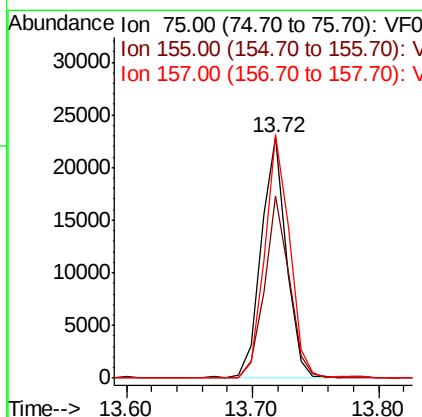
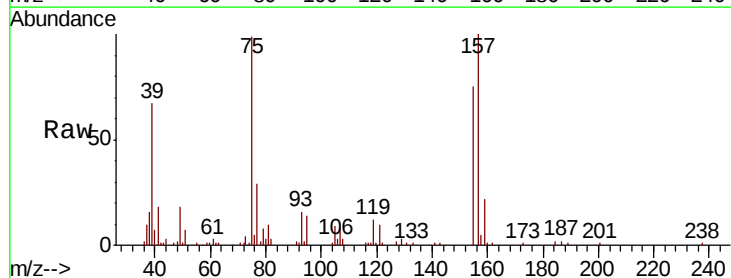
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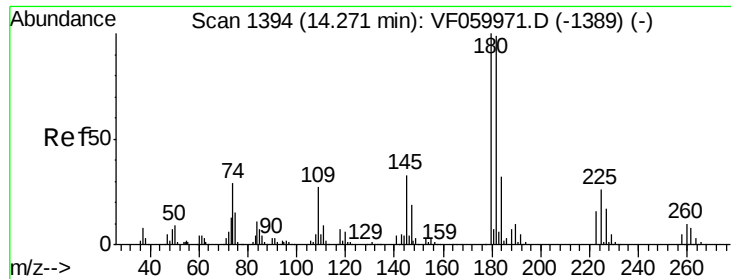
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 75.53 ug/l  
 RT: 13.72 min Scan# 1338  
 Delta R.T. 0.00 min  
 Lab File: VF059971.D  
 Acq: 16 Aug 2018 20:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 76.0  | 38.0  | 114.0 |
| 157     | 101.2 | 50.6  | 151.8 |





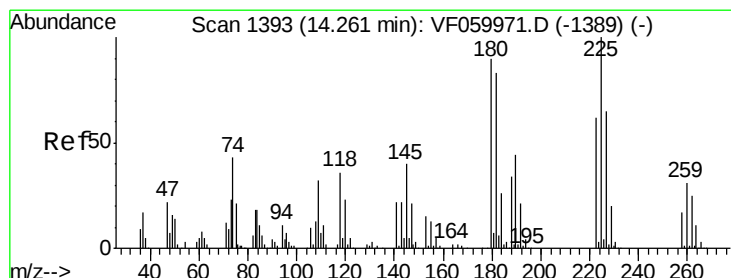
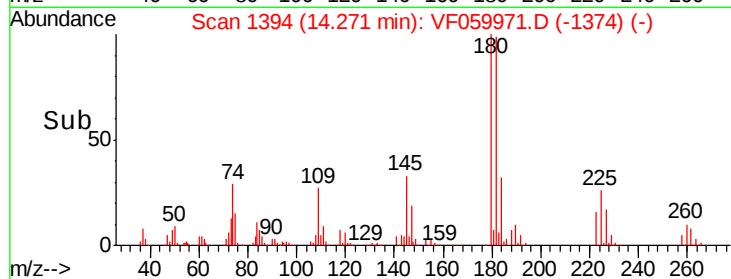
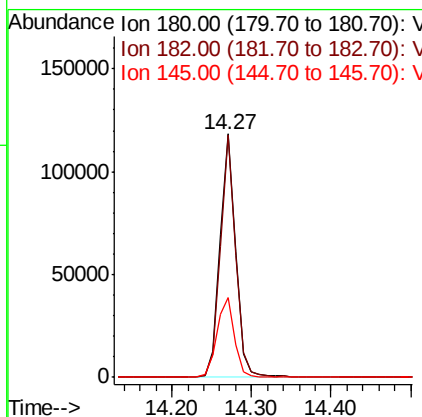
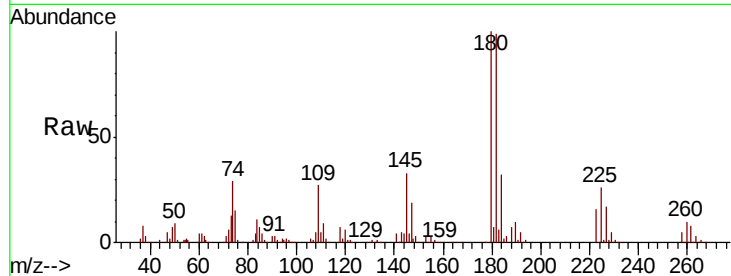
#93  
 1,2,4-Trichlorobenzene  
 Concen: 51.51 ug/l  
 RT: 14.27 min Scan# 1394  
 Delta R.T. 0.00 min  
 Lab File: VF059971.D  
 Acq: 16 Aug 2018 20:36

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VSTDICCC050

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 166738 |       |       |
| 182     | 99.4  | 49.7   | 149.1 |       |
| 145     | 32.9  | 16.4   | 49.4  |       |

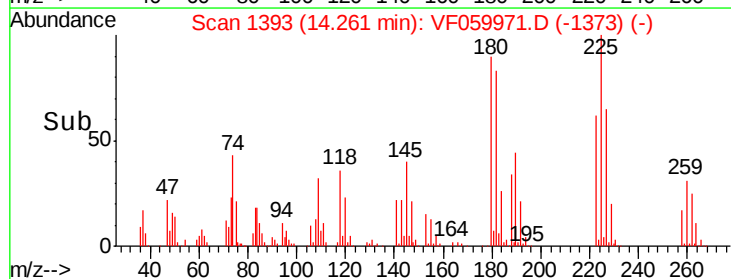
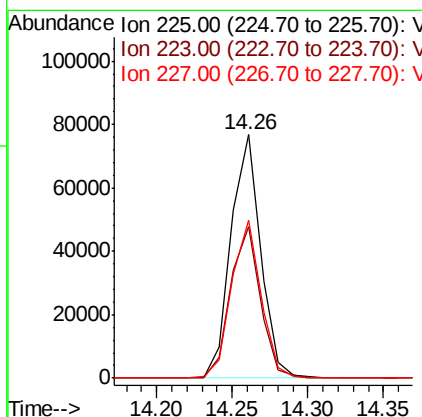
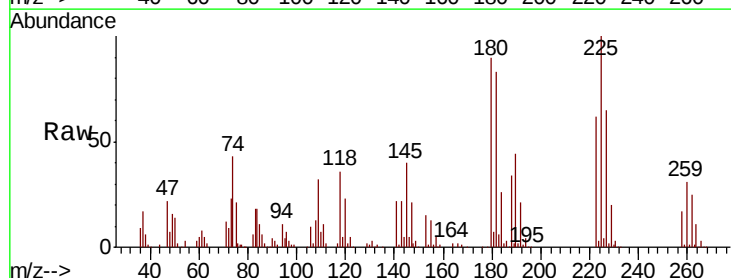
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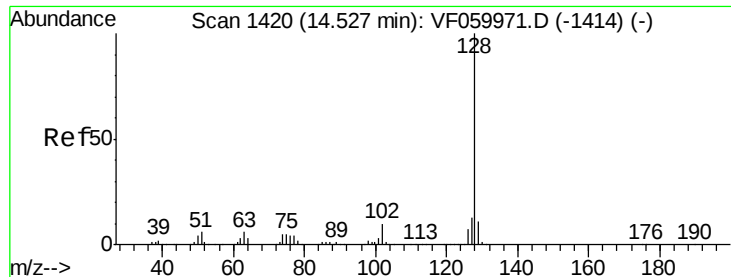
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#94  
 Hexachlorobutadiene  
 Concen: 45.93 ug/l  
 RT: 14.26 min Scan# 1393  
 Delta R.T. 0.00 min  
 Lab File: VF059971.D  
 Acq: 16 Aug 2018 20:36

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 104364 |       |       |
| 223     | 62.0  | 31.0   | 93.0  |       |
| 227     | 64.8  | 32.4   | 97.2  |       |





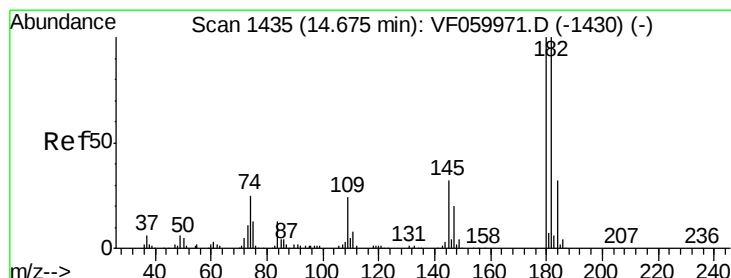
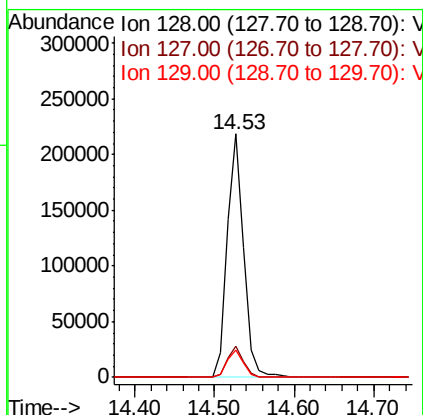
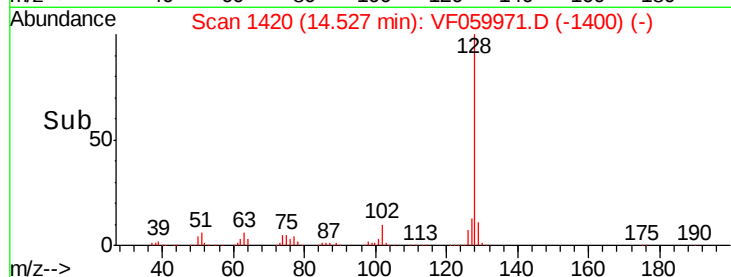
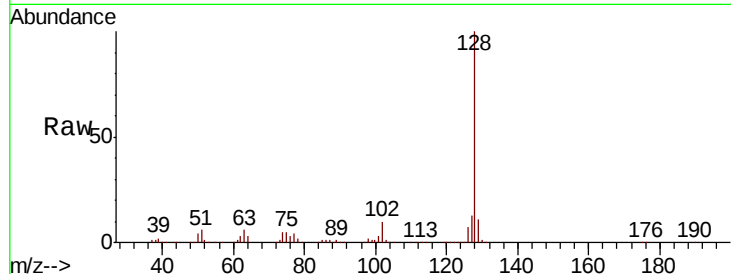
#95  
Naphthalene  
Concen: 58.90 ug/l  
RT: 14.53 min Scan# 1420  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

Instrument :  
MSVOA\_F  
ClientSampleId :  
VSTDICCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.8  | 10.2  | 15.4  |
| 129     | 11.0  | 8.8   | 13.2  |

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#96  
1,2,3-Trichlorobenzene  
Concen: 53.38 ug/l  
RT: 14.67 min Scan# 1435  
Delta R.T. 0.00 min  
Lab File: VF059971.D  
Acq: 16 Aug 2018 20:36

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 99.8  | 49.9  | 149.7 |
| 145     | 32.3  | 16.2  | 48.5  |

