

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_F\DATA\VF121918\  
 Data File : VF061075.D  
 Acq On : 18 Dec 2018 21:47  
 Operator : VA/AP  
 Sample : VSTDICV050  
 Misc : 5.00G/5mL/MSVOA-F/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 ICVVF121918

Manual Integrations  
 APPROVED

apatel  
 12/20/2018 10:29:10 AM

Quant Time: Dec 19 06:39:29 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F121918S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 19 06:31:00 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.86  | 168  | 223328   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.59  | 114  | 370694   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.78  | 117  | 350302   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.55 | 152  | 173256   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |        |     |          |       |         |      |
|---------------------------|--------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 4.84   | 65  | 142043   | 49.45 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.90%  |      |
| 35) Dibromofluoromethane  | 4.11   | 113 | 149118   | 50.22 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 100.44% |      |
| 50) Toluene-d8            | 7.55   | 98  | 408037   | 48.49 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 96.98%  |      |
| 62) 4-Bromofluorobenzene  | 11.41  | 95  | 190287   | 49.05 | ug/l    | 0.00 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 98.10%  |      |

## Target Compounds

|                               |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 0.97 | 85  | 204938  | 41.281  | ug/l   | 97     |
| 3) Chloromethane              | 1.11 | 50  | 133829  | 47.061  | ug/l   | 100    |
| 4) Vinyl Chloride             | 1.14 | 62  | 123003  | 46.628  | ug/l   | 90     |
| 5) Bromomethane               | 1.34 | 94  | 90555   | 49.491  | ug/l   | 96     |
| 6) Chloroethane               | 1.39 | 64  | 60485   | 49.760  | ug/l   | 93     |
| 7) Trichlorofluoromethane     | 1.50 | 101 | 223983  | 44.468  | ug/l   | 94     |
| 8) Diethyl Ether              | 1.63 | 74  | 33799   | 49.002  | ug/l   | 87     |
| 9) 1,1,2-Trichlorotrifluoroet | 1.84 | 101 | 116672  | 44.675  | ug/l   | 92     |
| 10) Methyl Iodide             | 1.91 | 142 | 189603m | 46.057  | ug/l   |        |
| 11) Tert butyl alcohol        | 2.58 | 59  | 28050   | 241.993 | ug/l   | 96     |
| 12) 1,1-Dichloroethene        | 1.80 | 96  | 91311   | 46.383  | ug/l   | 95     |
| 13) Acrolein                  | 2.00 | 56  | 17871   | 221.496 | ug/l   | 99     |
| 14) Allyl chloride            | 2.09 | 41  | 93680   | 45.727  | ug/l   | 92     |
| 15) Acrylonitrile             | 2.94 | 53  | 64805   | 241.778 | ug/l   | 96     |
| 16) Acetone                   | 2.24 | 43  | 120426  | 209.721 | ug/l # | 93     |
| 17) Carbon Disulfide          | 1.84 | 76  | 280940  | 47.223  | ug/l   | 96     |
| 18) Methyl Acetate            | 2.34 | 43  | 55752   | 46.929  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 2.43 | 73  | 207574  | 47.503  | ug/l   | 98     |
| 20) Methylene Chloride        | 2.25 | 84  | 87510m  | 43.910  | ug/l   |        |
| 21) trans-1,2-Dichloroethene  | 2.31 | 96  | 94680m  | 44.967  | ug/l   |        |
| 22) Diisopropyl ether         | 2.79 | 45  | 339143  | 49.697  | ug/l   | 95     |
| 23) Vinyl Acetate             | 3.19 | 43  | 812034  | 257.939 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 2.87 | 63  | 186836  | 46.209  | ug/l   | 99     |
| 25) 2-Butanone                | 4.33 | 43  | 205959  | 221.158 | ug/l   | 95     |
| 26) 2,2-Dichloropropane       | 3.59 | 77  | 105105  | 45.297  | ug/l   | 96     |
| 27) cis-1,2-Dichloroethene    | 3.47 | 96  | 147058  | 45.621  | ug/l   | 99     |
| 28) Bromochloromethane        | 3.71 | 49  | 95572   | 46.585  | ug/l   | 83     |
| 29) Tetrahydrofuran           | 4.06 | 42  | 93352   | 246.286 | ug/l   | 99     |
| 30) Chloroform                | 3.86 | 83  | 261485  | 43.131  | ug/l   | 95     |
| 31) Cyclohexane               | 3.68 | 56  | 191462m | 45.634  | ug/l   |        |
| 32) 1,1,1-Trichloroethane     | 4.08 | 97  | 155716  | 42.852  | ug/l   | 95     |
| 36) 1,1-Dichloropropene       | 4.27 | 75  | 207357  | 46.342  | ug/l   | 94     |
| 37) Ethyl Acetate             | 4.11 | 43  | 86622   | 49.728  | ug/l   | 93     |
| 38) Carbon Tetrachloride      | 3.99 | 117 | 153783  | 45.130  | ug/l   | 99     |

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 Sample : VSTDICV050  
 Misc : 5.00G/5mL/MSVOA-F/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleID :  
 ICVVF121918

Manual Integrations  
 APPROVED

apatel  
 12/20/2018 10:29:10 AM

Quant Time: Dec 19 06:39:29 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F121918S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Dec 19 06:31:00 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 5.45  | 83   | 192024   | 47.836  | ug/l   | 98       |
| 40) Benzene                    | 4.63  | 78   | 441448   | 45.877  | ug/l   | 97       |
| 41) Methacrylonitrile          | 4.75  | 41   | 46242    | 48.935  | ug/l   | 97       |
| 42) 1,2-Dichloroethane         | 4.94  | 62   | 162523   | 44.461  | ug/l   | 95       |
| 43) Isopropyl Acetate          | 6.96  | 43   | 107946   | 49.963  | ug/l   | 97       |
| 44) Trichloroethene            | 5.50  | 130  | 140259   | 46.233  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 6.23  | 63   | 122232   | 46.690  | ug/l   | 97       |
| 46) Dibromomethane             | 6.09  | 93   | 80575    | 47.454  | ug/l   | 98       |
| 47) Bromodichloromethane       | 6.38  | 83   | 209906   | 47.578  | ug/l # | 99       |
| 48) Methyl methacrylate        | 6.72  | 41   | 73625    | 48.814  | ug/l   | 93       |
| 49) 1,4-Dioxane                | 6.70  | 88   | 10798    | 986.655 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.26  | 43   | 361363   | 243.878 | ug/l   | 98       |
| 52) Toluene                    | 7.63  | 92   | 295212   | 46.347  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 8.28  | 75   | 168816   | 47.433  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 7.30  | 75   | 214617   | 48.047  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 8.48  | 97   | 89690    | 46.970  | ug/l   | 96       |
| 56) Ethyl methacrylate         | 8.61  | 69   | 101545   | 49.145  | ug/l   | 97       |
| 57) 1,3-Dichloropropane        | 8.85  | 76   | 164057   | 47.503  | ug/l   | 95       |
| 58) 2-Chloroethyl Vinyl ether  | 7.29  | 63   | 99137    | 249.819 | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.49  | 43   | 238945   | 222.988 | ug/l   | 97       |
| 60) Dibromochloromethane       | 8.71  | 129  | 129076   | 47.156  | ug/l   | 96       |
| 61) 1,2-Dibromoethane          | 8.99  | 107  | 96245    | 47.194  | ug/l   | 93       |
| 64) Tetrachloroethene          | 8.15  | 164  | 129182   | 47.939  | ug/l   | 99       |
| 65) Chlorobenzene              | 9.80  | 112  | 330898   | 45.725  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 9.92  | 131  | 133264   | 45.062  | ug/l   | 99       |
| 67) Ethyl Benzene              | 9.89  | 91   | 618622   | 46.922  | ug/l   | 96       |
| 68) m/p-Xylenes                | 10.13 | 106  | 407869   | 87.907  | ug/l   | 99       |
| 69) o-Xylene                   | 10.71 | 106  | 240321   | 46.702  | ug/l   | 91       |
| 70) Styrene                    | 10.78 | 104  | 321607   | 51.429  | ug/l   | 99       |
| 71) Bromoform                  | 10.77 | 173  | 65183    | 47.641  | ug/l # | 97       |
| 73) Isopropylbenzene           | 11.12 | 105  | 675620   | 45.251  | ug/l   | 98       |
| 74) N-amyl acetate             | 11.37 | 43   | 169474   | 51.127  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.69 | 83   | 113023   | 45.611  | ug/l   | 95       |
| 76) 1,2,3-Trichloropropane     | 11.79 | 75   | 80862    | 43.849  | ug/l   | 97       |
| 77) Bromobenzene               | 11.49 | 156  | 148876   | 46.321  | ug/l   | 88       |
| 78) n-propylbenzene            | 11.59 | 91   | 799092   | 45.661  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.72 | 91   | 449682   | 43.905  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.82 | 105  | 540089   | 43.931  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.87 | 75   | 37471m   | 47.287  | ug/l   |          |
| 82) 4-Chlorotoluene            | 11.90 | 91   | 450508   | 42.519  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.12 | 119  | 578454   | 45.724  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 12.20 | 105  | 552602   | 45.074  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 12.30 | 105  | 721076   | 43.676  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.46 | 119  | 607187   | 44.308  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.47 | 146  | 259830   | 49.481  | ug/l   | 95       |
| 88) 1,4-Dichlorobenzene        | 12.57 | 146  | 270912   | 45.904  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.84 | 91   | 613641   | 42.902  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.91 | 117  | 161972   | 47.840  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 12.94 | 146  | 257983   | 44.899  | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.64 | 75   | 21586    | 47.472  | ug/l   | 90       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_F\DATA\VF121918\  
Data File : VF061075.D  
Acq On : 18 Dec 2018 21:47  
Operator : VA/AP  
Sample : VSTDICV050  
Misc : 5.00G/5mL/MSVOA-F/SOIL  
ALS Vial : 22 Sample Multiplier: 1

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF121918

Manual Integrations  
APPROVED

apatel  
12/20/2018 10:29:10 AM

Quant Time: Dec 19 06:39:29 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F121918S.M  
Quant Title : SW846 8260  
QLast Update : Wed Dec 19 06:31:00 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.20 | 180  | 190758   | 46.813 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 14.19 | 225  | 120593   | 46.465 | ug/l  | 98       |
| 95) Naphthalene            | 14.45 | 128  | 364897   | 49.039 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.60 | 180  | 181753   | 48.248 | ug/l  | 97       |

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

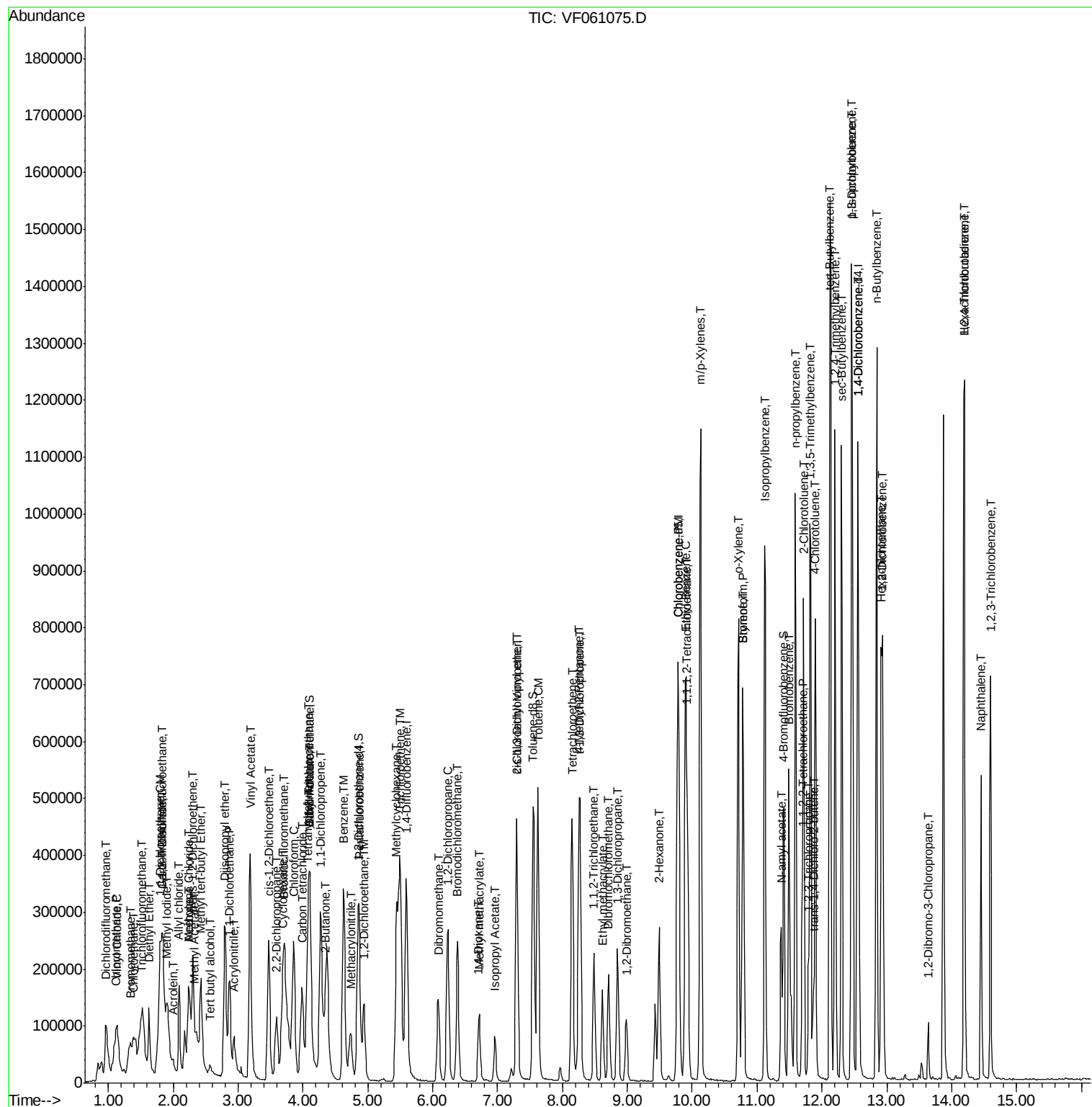
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 Data File : VF061075.D  
 Acq On : 18 Dec 2018 21:47  
 Operator : VA/AP  
 Sample : VSTDICV050  
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 ALS Vial : 22 Sample Multiplier: 1

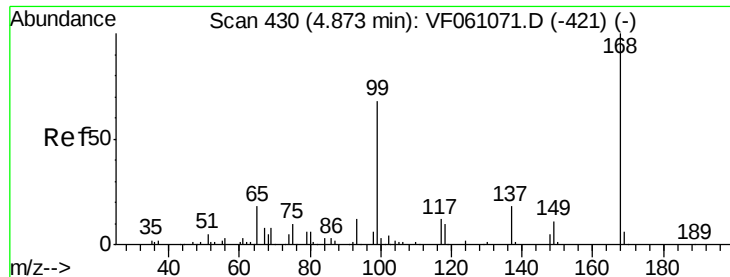
Instrument :  
 MSVOA\_F  
 Client Sample ID :  
 ICVVF121918

Manual Integrations  
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 12/20/2018 10:29:10 AM

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 Quant Title : SW846 8260  
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 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.86 min Scan# 429

Delta R.T. -0.01 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

Instrument :

MSVOA\_F

ClientSampleId :

ICVVF121918

Tgt Ion: 168 Resp: 223328

Ion Ratio Lower Upper

168 100

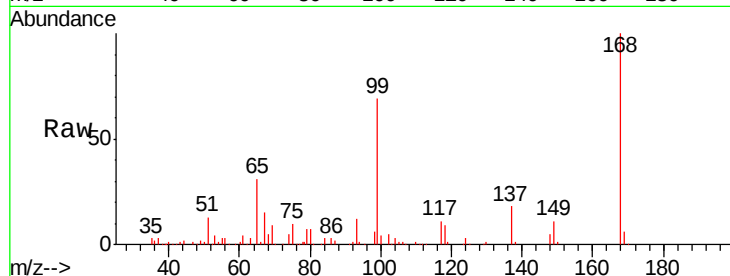
99 69.0 54.4 81.6

Manual Integrations

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12/20/2018 10:29:10 AM



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.86

80000

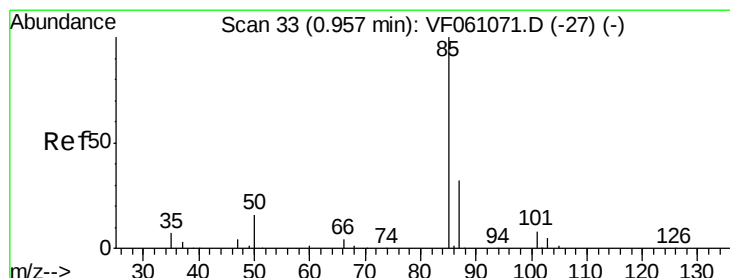
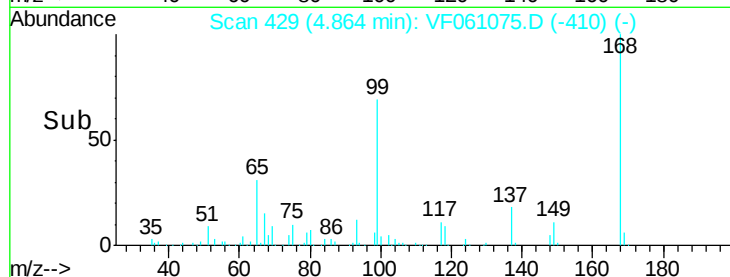
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 41.281 ug/l

RT: 0.97 min Scan# 34

Delta R.T. 0.01 min

Lab File: VF061075.D

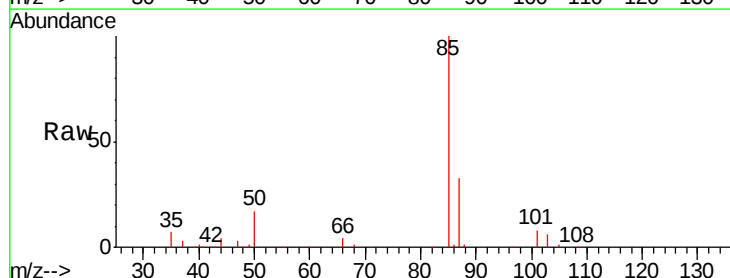
Acq: 18 Dec 2018 21:47

Tgt Ion: 85 Resp: 204938

Ion Ratio Lower Upper

85 100

87 33.1 15.9 47.6



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.97

60000

50000

40000

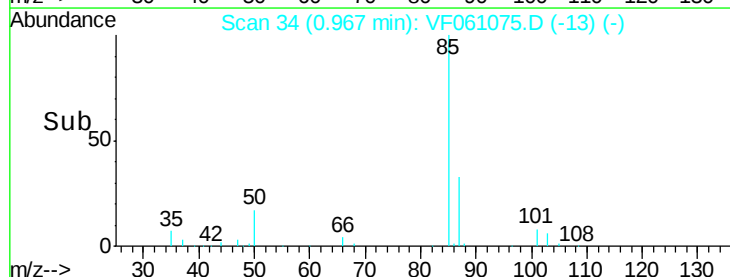
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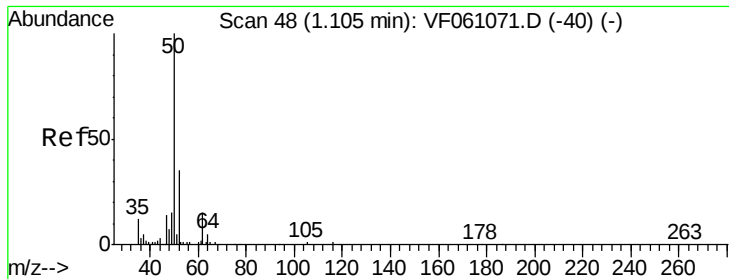
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10000

0

Time-->





#3

Chloromethane

Concen: 47.061 ug/l

RT: 1.11 min Scan# 48

Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

Instrument :

MSVOA\_F

ClientSampleId :

ICVVF121918

Tgt Ion: 50 Resp: 133829

Ion Ratio Lower Upper

50 100

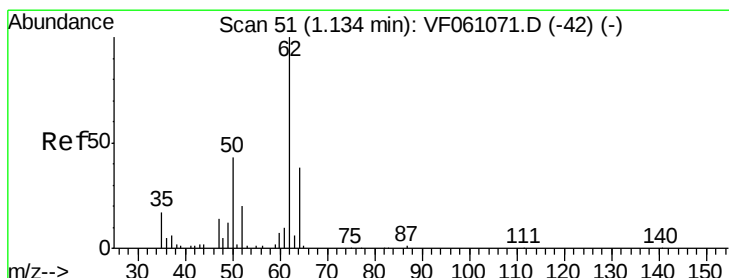
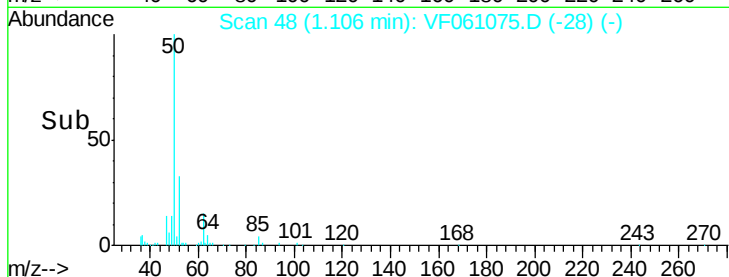
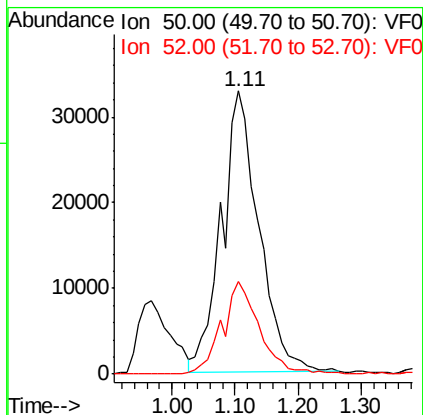
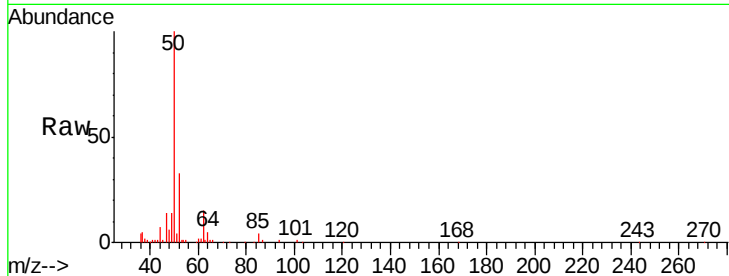
52 32.9 26.3 39.5

Manual Integrations

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12/20/2018 10:29:10 AM



#4

Vinyl Chloride

Concen: 46.628 ug/l

RT: 1.14 min Scan# 51

Delta R.T. 0.00 min

Lab File: VF061075.D

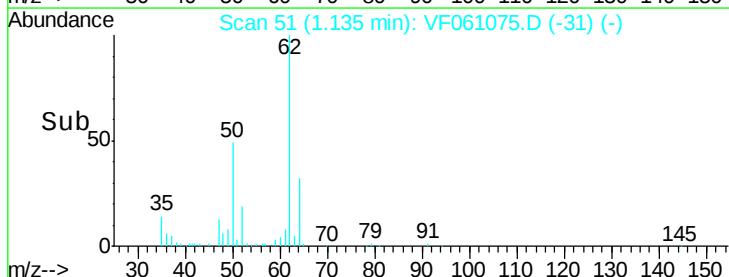
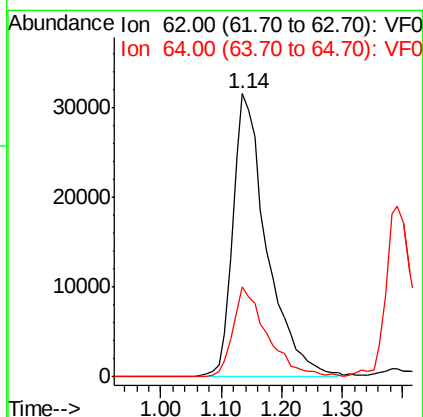
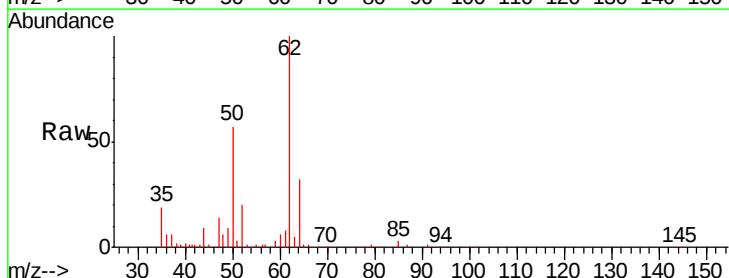
Acq: 18 Dec 2018 21:47

Tgt Ion: 62 Resp: 123003

Ion Ratio Lower Upper

62 100

64 31.9 30.4 45.6





#5

Bromomethane

Concen: 49.491 ug/l

RT: 1.34 min Scan# 72

Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

Instrument :

MSVOA\_F

ClientSampleId :

ICVVF121918

Tgt Ion: 94 Resp: 90555

Ion Ratio Lower Upper

94 100

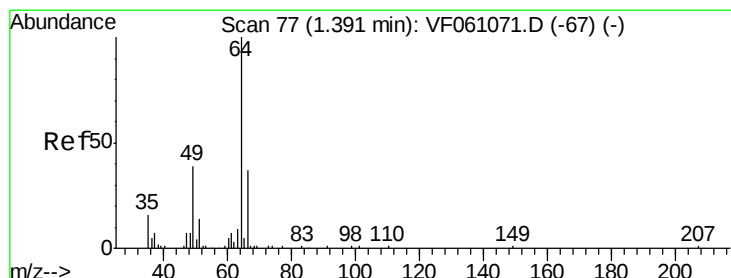
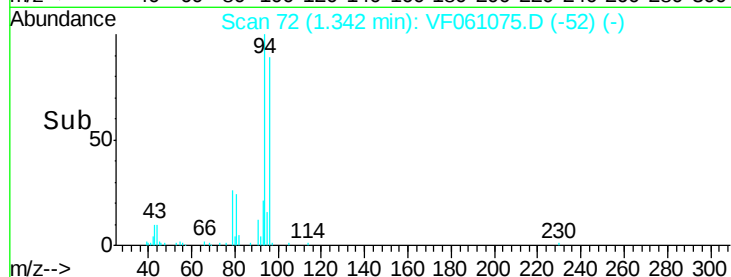
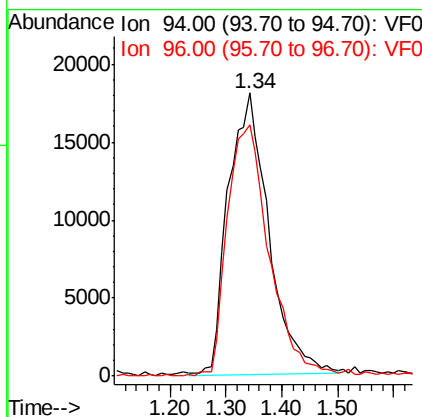
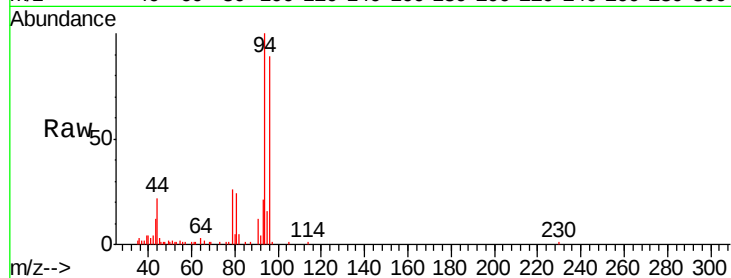
96 88.9 74.4 111.6

Manual Integrations

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apatel

12/20/2018 10:29:10 AM



#6

Chloroethane

Concen: 49.760 ug/l

RT: 1.39 min Scan# 77

Delta R.T. 0.00 min

Lab File: VF061075.D

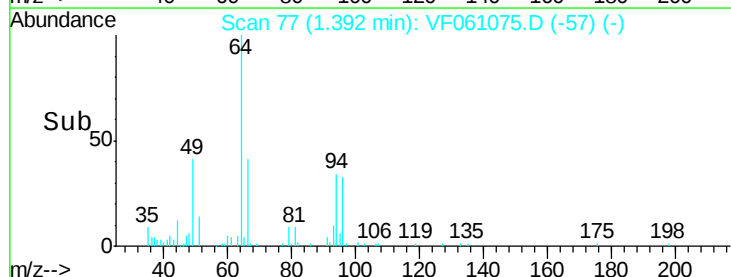
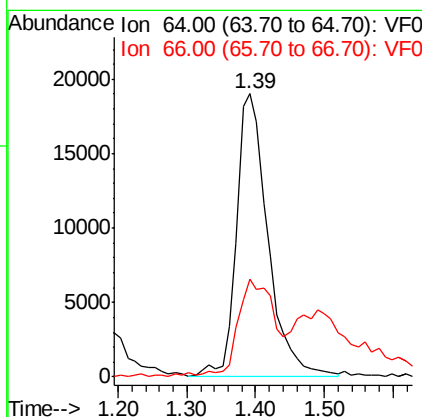
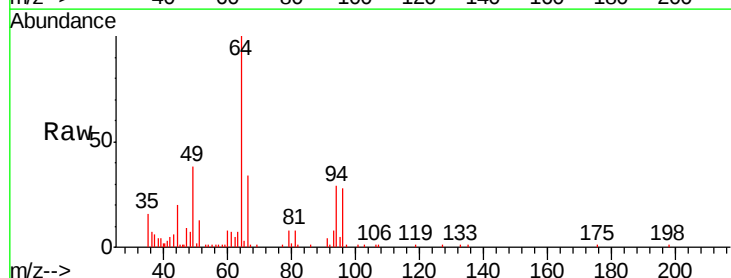
Acq: 18 Dec 2018 21:47

Tgt Ion: 64 Resp: 60485

Ion Ratio Lower Upper

64 100

66 34.4 30.9 46.3





#7

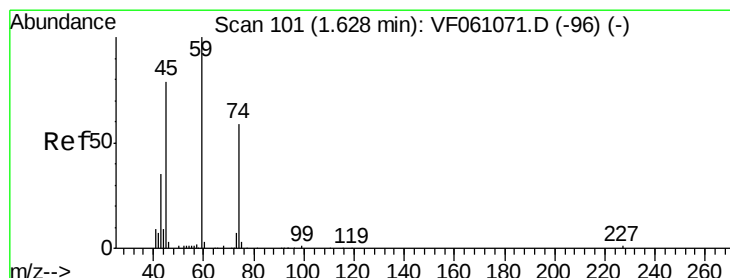
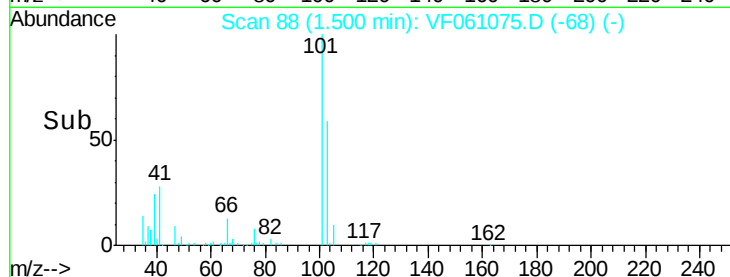
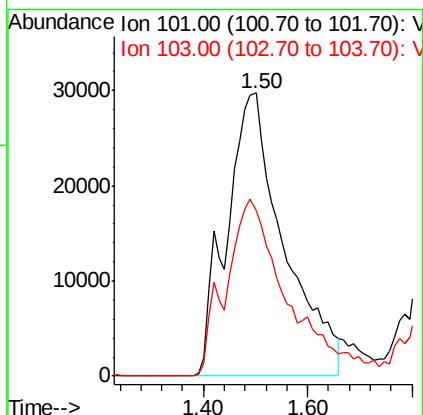
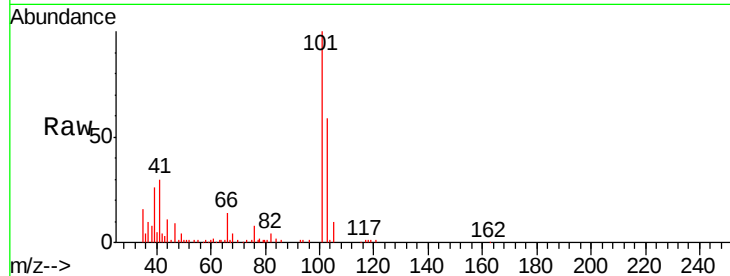
Trichlorofluoromethane  
Concen: 44.468 ug/l  
RT: 1.50 min Scan# 88  
Delta R.T. 0.00 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF121918

Tgt Ion: 101 Resp: 223983  
Ion Ratio Lower Upper  
101 100  
103 58.6 50.7 76.1

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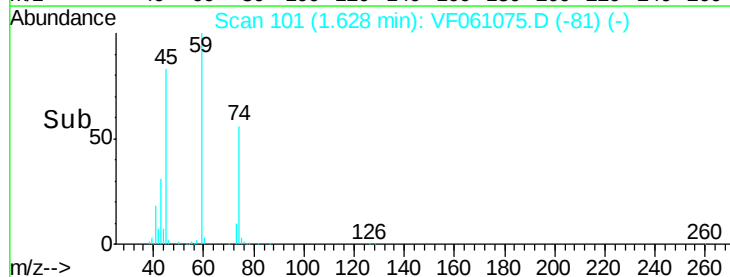
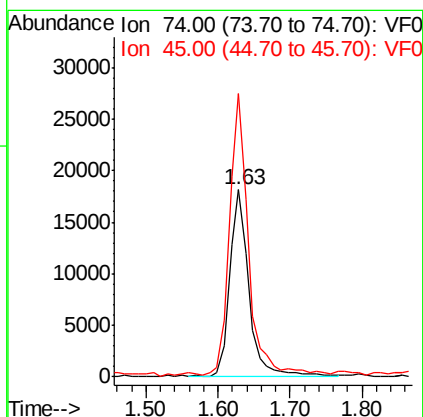
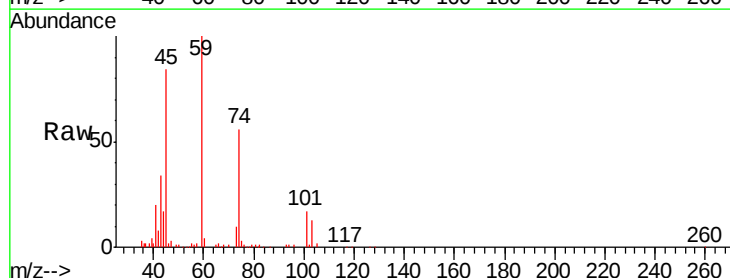
apatel  
12/20/2018 10:29:10 AM

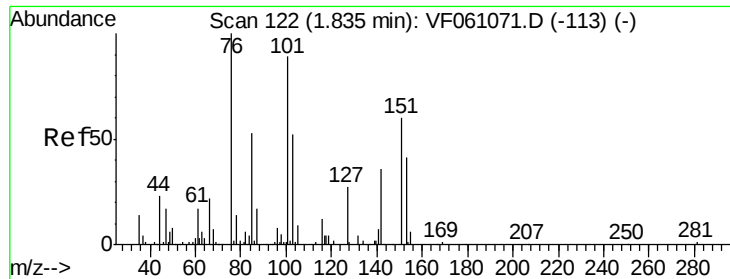


#8

Diethyl Ether  
Concen: 49.002 ug/l  
RT: 1.63 min Scan# 101  
Delta R.T. 0.00 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

Tgt Ion: 74 Resp: 33799  
Ion Ratio Lower Upper  
74 100  
45 151.1 67.8 203.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.675 ug/l

RT: 1.84 min Scan# 122

Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

Instrument :

MSVOA\_F

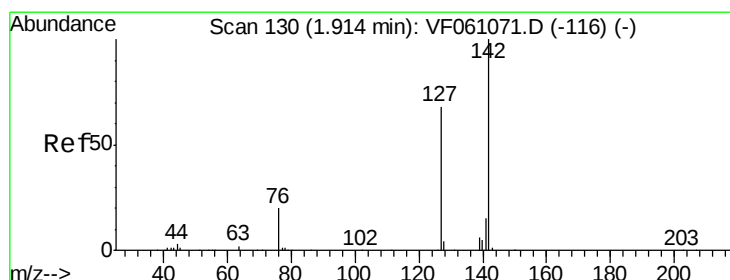
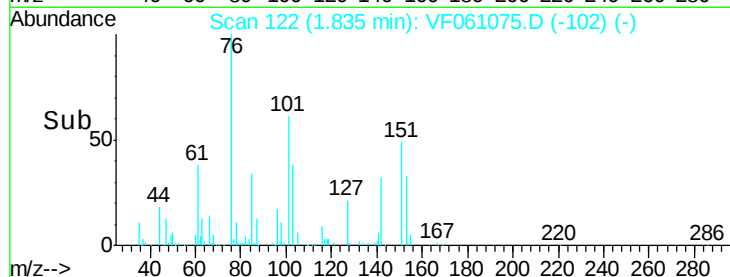
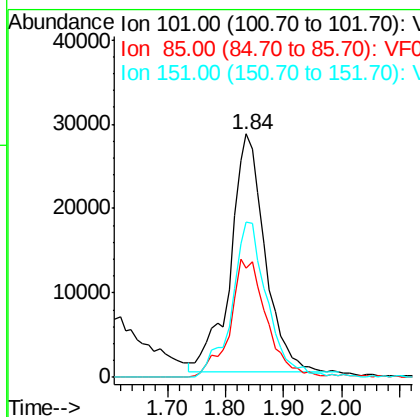
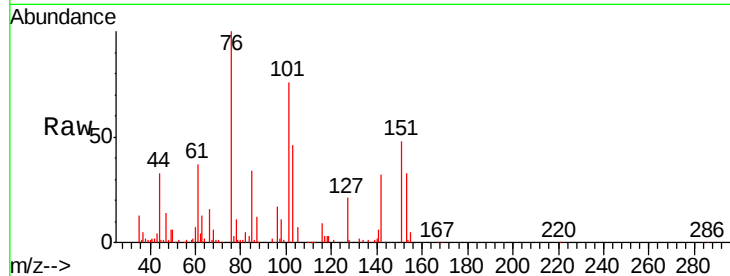
ClientSampleId :

ICVVF121918

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 101   | Resp: | 116672 |
| Ion Ratio | Lower | Upper |        |
| 101       | 100   |       |        |
| 85        | 44.8  | 44.5  | 66.7   |
| 151       | 63.8  | 49.9  | 74.9   |

Manual Integrations  
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#10

Methyl Iodide

Concen: 46.057 ug/l m

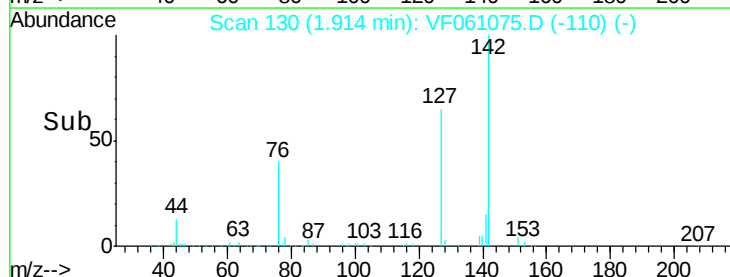
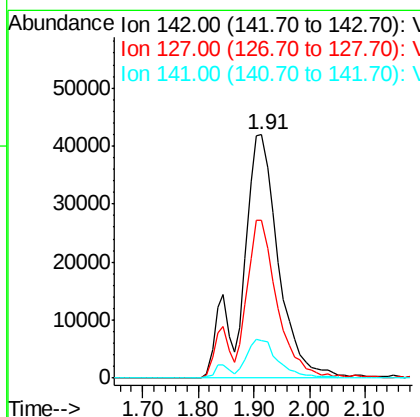
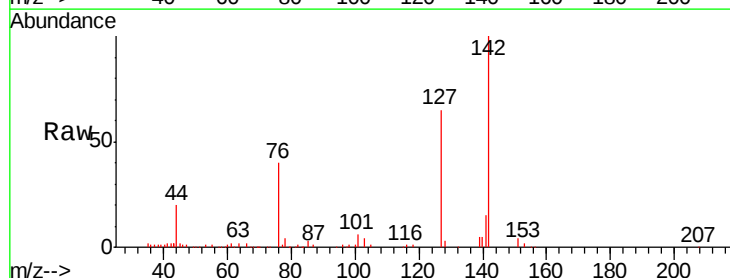
RT: 1.91 min Scan# 130

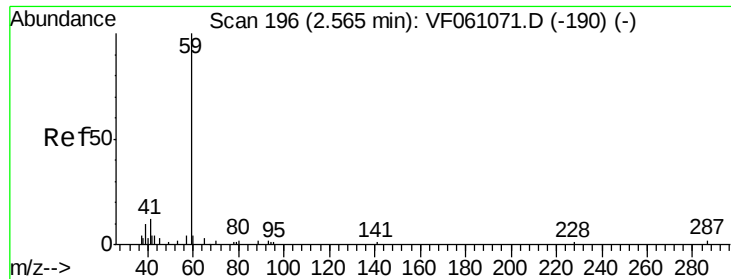
Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 142   | Resp: | 189603 |
| Ion Ratio | Lower | Upper |        |
| 142       | 100   |       |        |
| 127       | 65.0  | 54.7  | 82.1   |
| 141       | 15.4  | 12.2  | 18.2   |





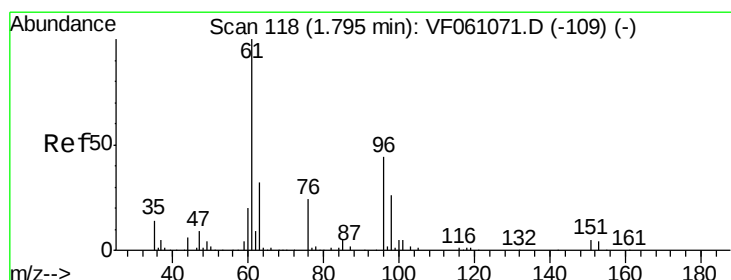
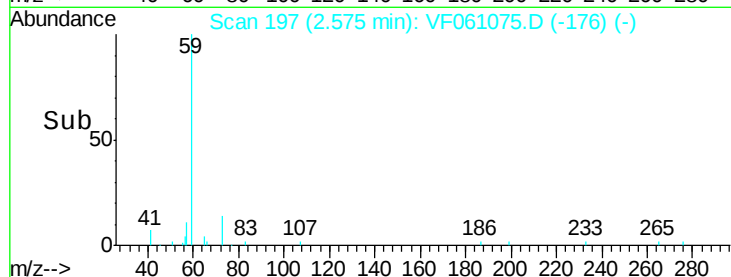
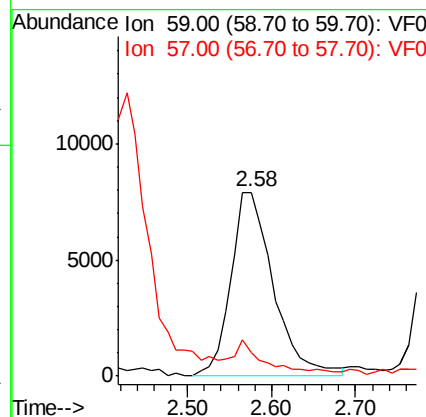
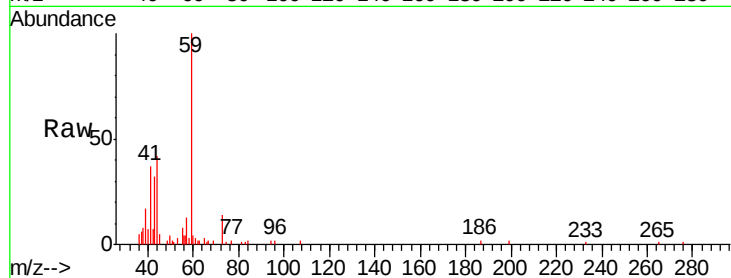
#11  
Tert butyl alcohol  
Concen: 241.993 ug/l  
RT: 2.58 min Scan# 197  
Delta R.T. 0.01 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF121918

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 12.6  | 11.5  | 17.3  |

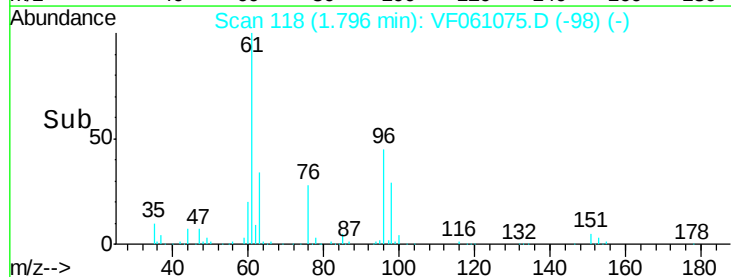
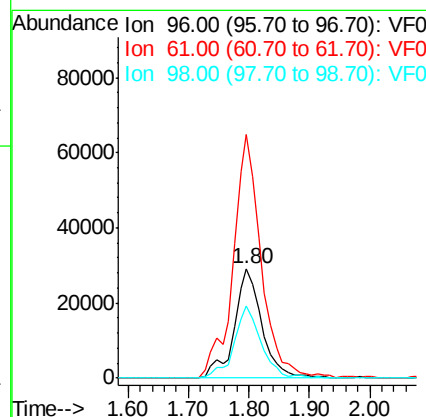
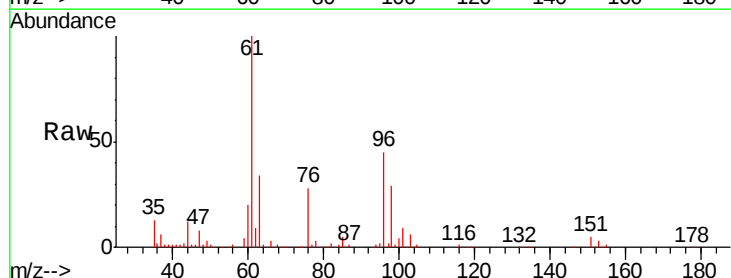
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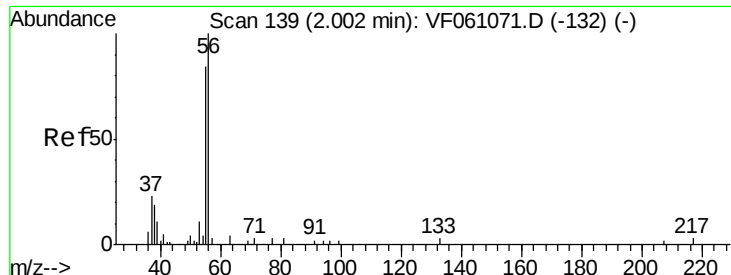
apatel  
12/20/2018 10:29:10 AM



#12  
1,1-Dichloroethene  
Concen: 46.383 ug/l  
RT: 1.80 min Scan# 118  
Delta R.T. 0.00 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 221.8 | 182.0 | 273.0 |
| 98      | 65.1  | 46.5  | 69.7  |





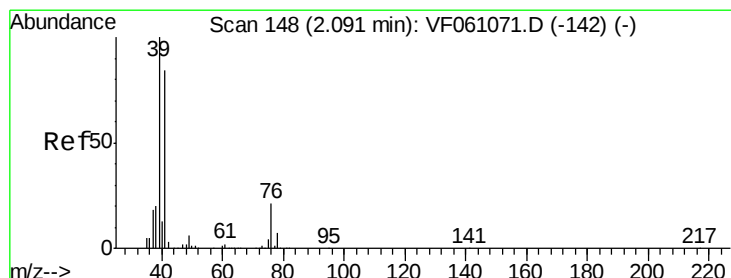
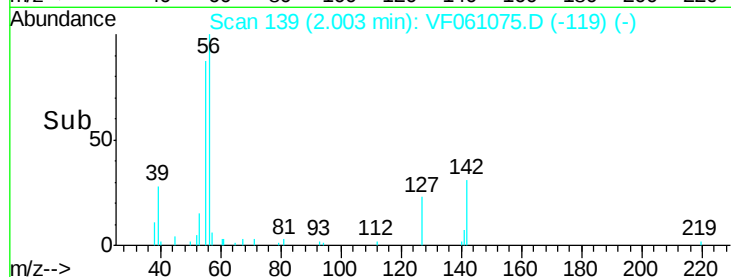
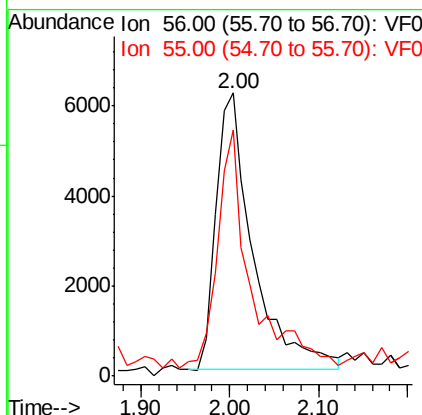
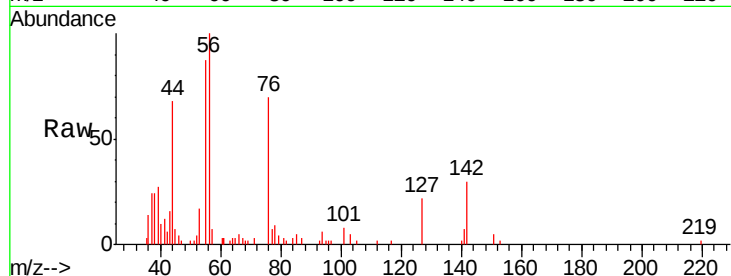
#13  
Acrolein  
Concen: 221.496 ug/l  
RT: 2.00 min Scan# 139  
Delta R.T. 0.00 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF121918

Tgt Ion: 56 Resp: 17871  
Ion Ratio Lower Upper  
56 100  
55 86.9 70.2 105.2

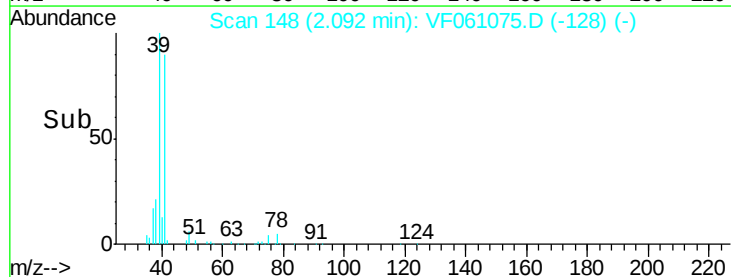
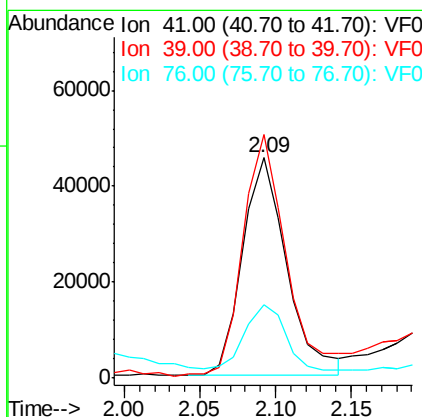
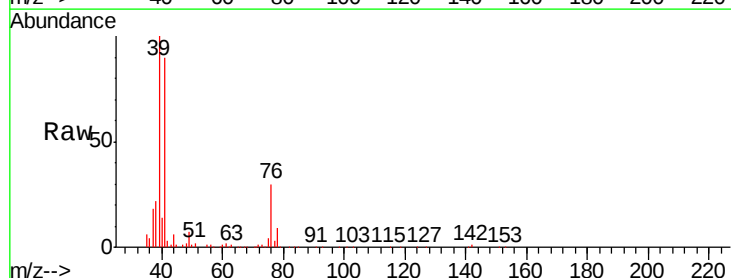
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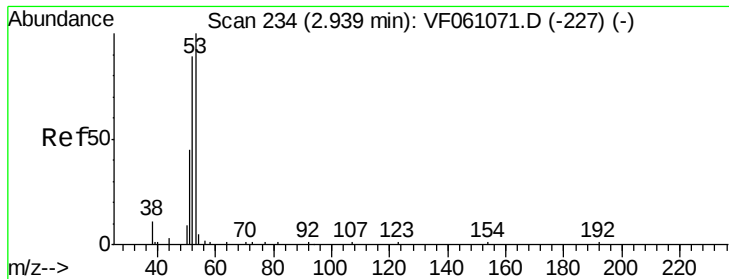
apatel  
12/20/2018 10:29:10 AM



#14  
Allyl chloride  
Concen: 45.727 ug/l  
RT: 2.09 min Scan# 148  
Delta R.T. 0.00 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

Tgt Ion: 41 Resp: 93680  
Ion Ratio Lower Upper  
41 100  
39 110.5 96.4 144.6  
76 33.1 25.4 38.0





#15

Acrylonitrile

Concen: 241.778 ug/l

RT: 2.94 min Scan# 234

Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

Instrument :

MSVOA\_F

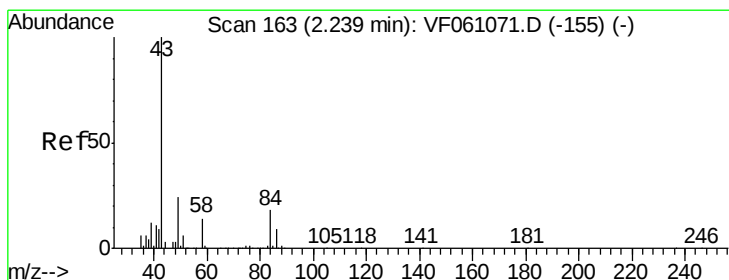
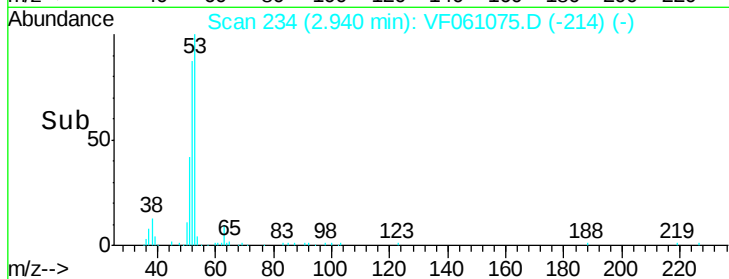
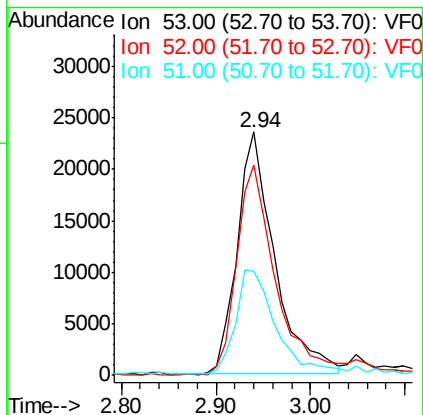
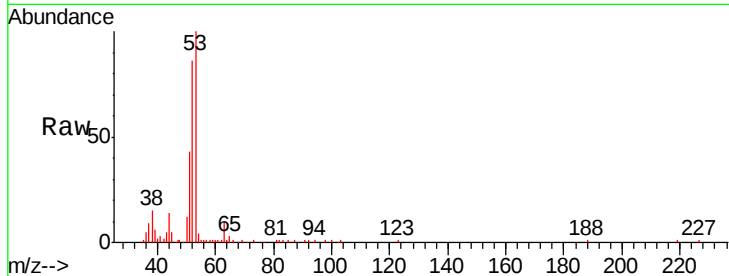
ClientSampleId :

ICVVF121918

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 53    | Resp: | 64805 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 86.5  | 71.3  | 106.9 |
| 51       | 42.7  | 36.8  | 55.2  |

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#16

Acetone

Concen: 209.721 ug/l

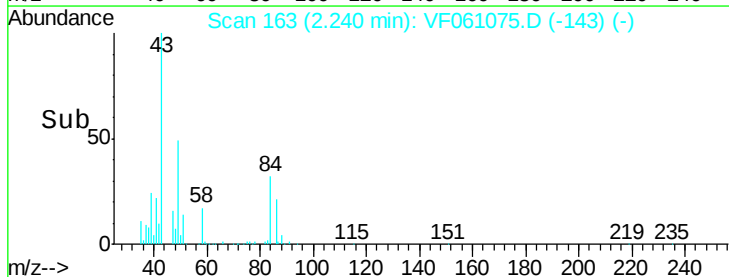
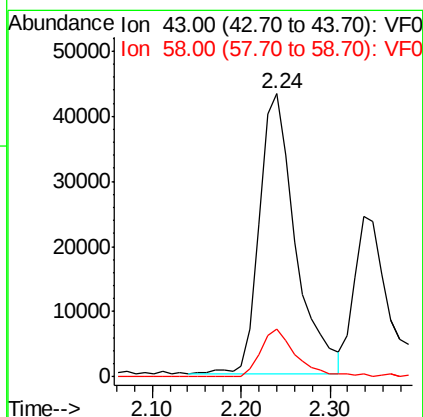
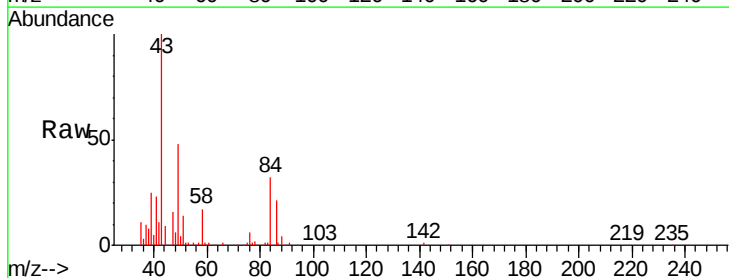
RT: 2.24 min Scan# 163

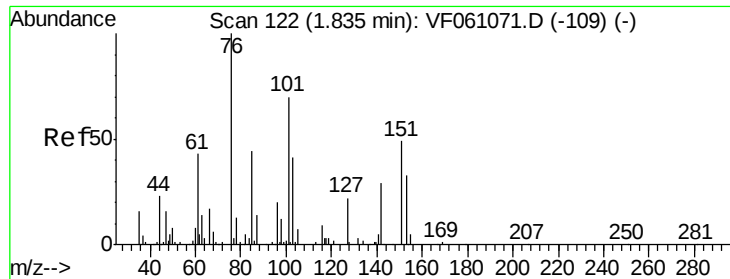
Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 43    | Resp: | 120426 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 58       | 16.9  | 11.1  | 16.7#  |





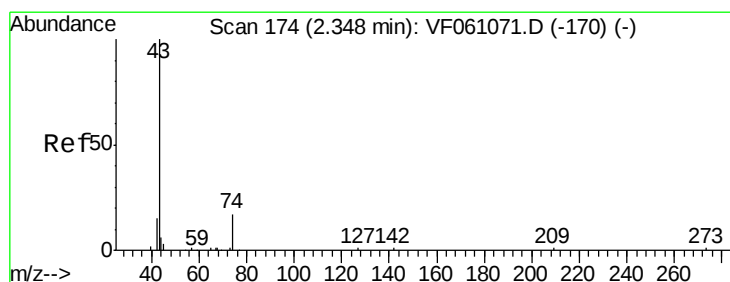
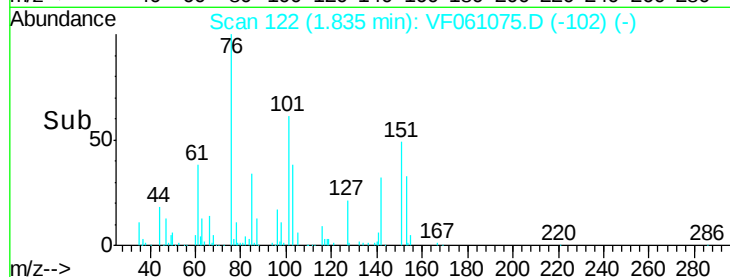
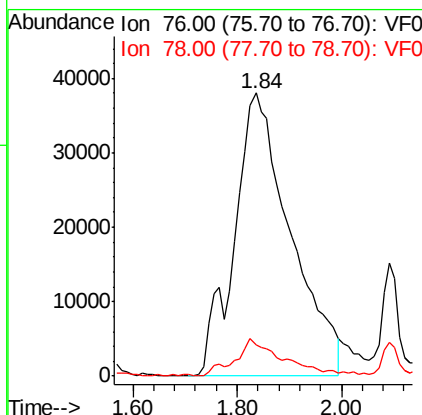
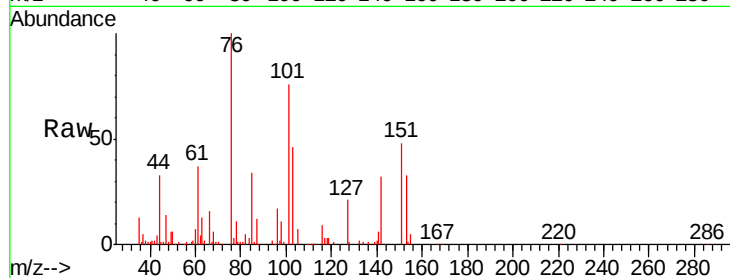
#17  
Carbon Disulfide  
Concen: 47.223 ug/l  
RT: 1.84 min Scan# 122  
Delta R.T. 0.00 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF121918

Tgt Ion: 76 Resp: 280940  
Ion Ratio Lower Upper  
76 100  
78 11.1 10.2 15.4

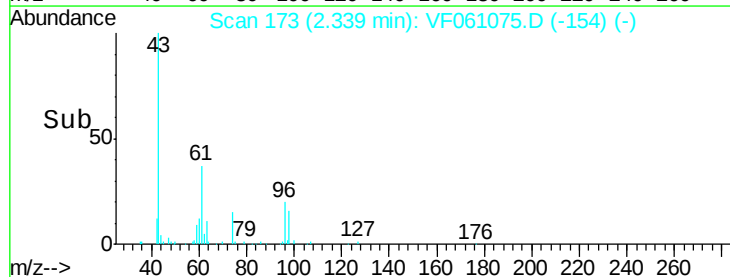
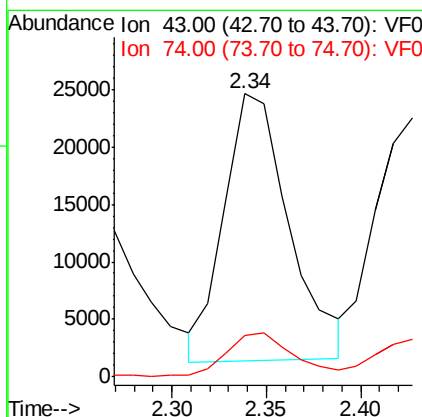
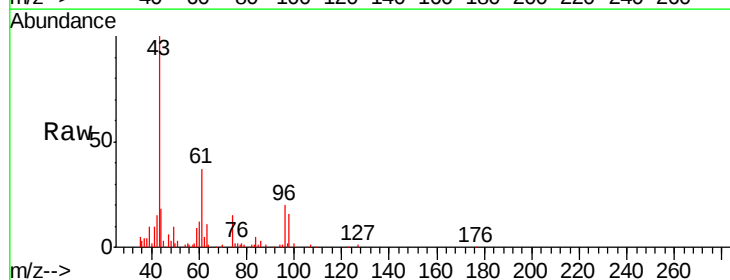
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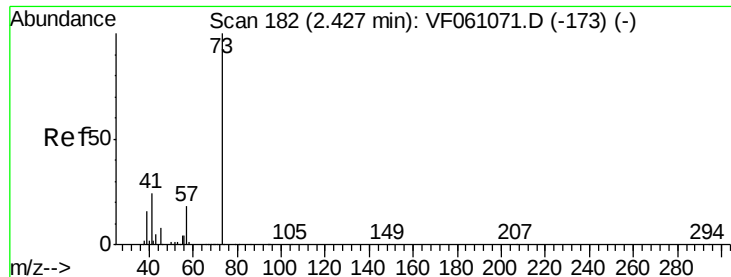
apatel  
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#18  
Methyl Acetate  
Concen: 46.929 ug/l  
RT: 2.34 min Scan# 173  
Delta R.T. -0.01 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

Tgt Ion: 43 Resp: 55752  
Ion Ratio Lower Upper  
43 100  
74 14.7 11.0 16.6





#19

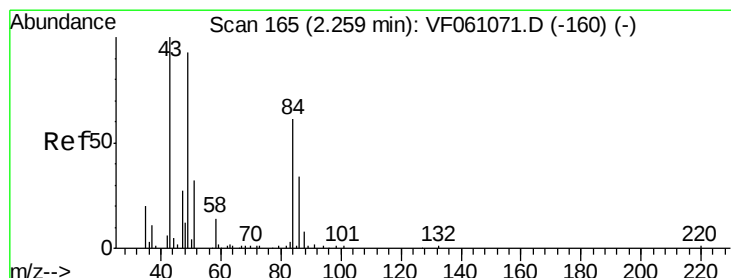
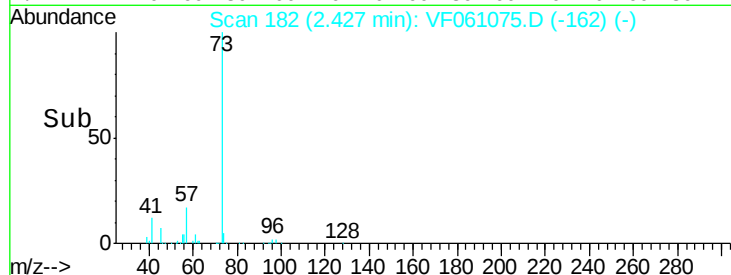
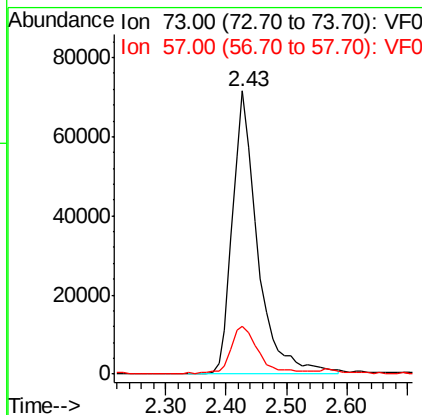
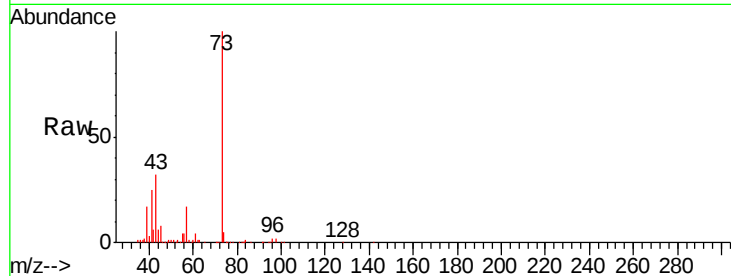
Methyl tert-butyl Ether  
Concen: 47.503 ug/l  
RT: 2.43 min Scan# 182  
Delta R.T. 0.00 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF121918

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 73      | 100   |       |       |
| 57      | 17.0  | 14.5  | 21.7  |

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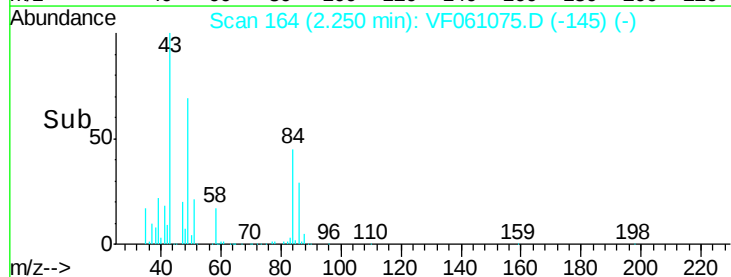
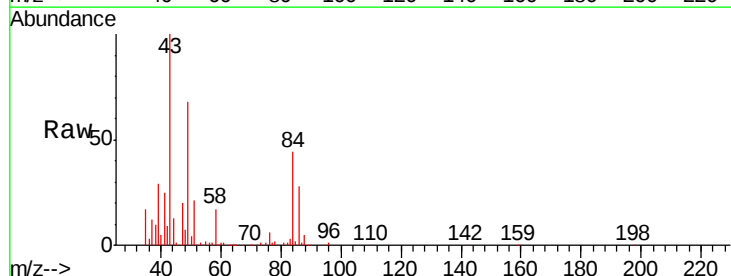
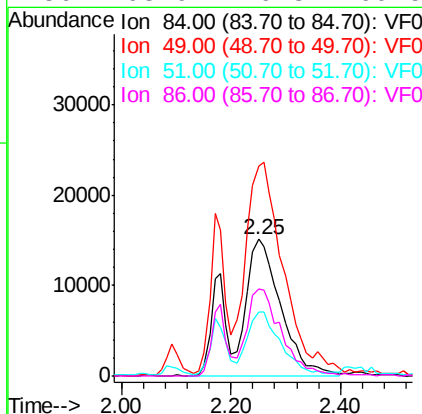
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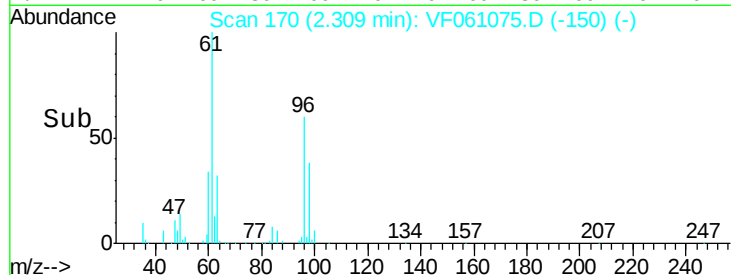
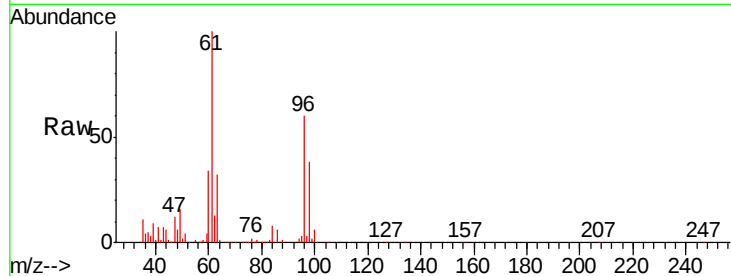
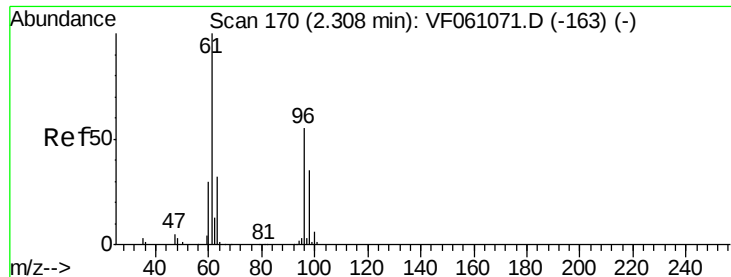


#20

Methylene Chloride  
Concen: 43.910 ug/l m  
RT: 2.25 min Scan# 164  
Delta R.T. -0.01 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 84      | 100   |       |       |
| 49      | 153.7 | 129.4 | 194.2 |
| 51      | 47.2  | 44.0  | 66.0  |
| 86      | 63.9  | 46.3  | 69.5  |





#21

trans-1,2-Dichloroethene

Concen: 44.967 ug/l m

RT: 2.31 min Scan# 170

Delta R.T. 0.00 min

Lab File: VF061075.D

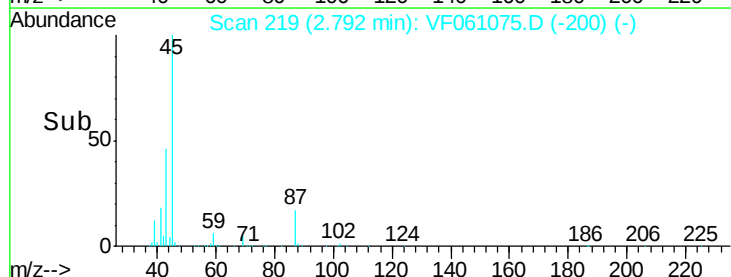
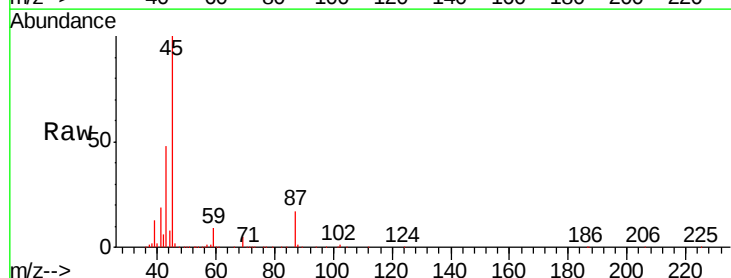
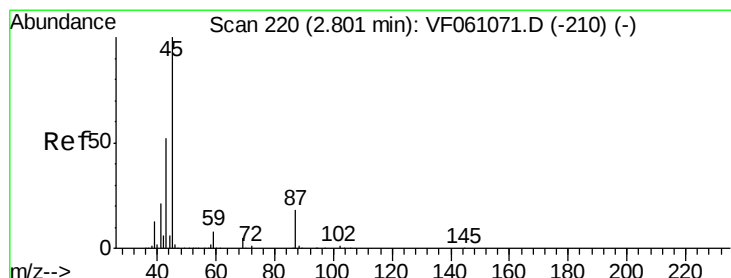
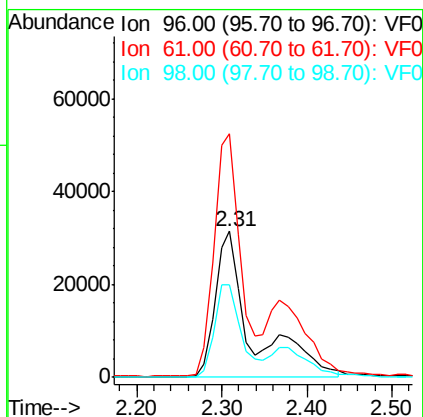
Acq: 18 Dec 2018 21:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 96    | Resp: | 94680 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 166.7 | 146.0 | 219.0 |
| 98       | 63.7  | 51.6  | 77.4  |

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF121918

Manual Integrations  
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apatel  
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#22

Diisopropyl ether

Concen: 49.697 ug/l

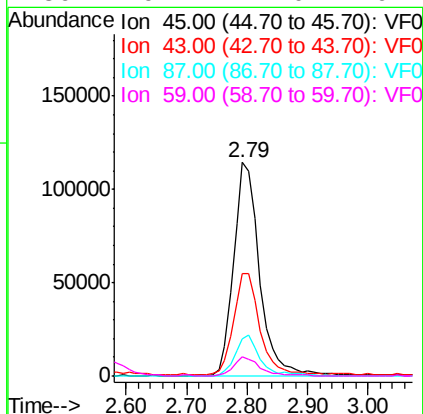
RT: 2.79 min Scan# 219

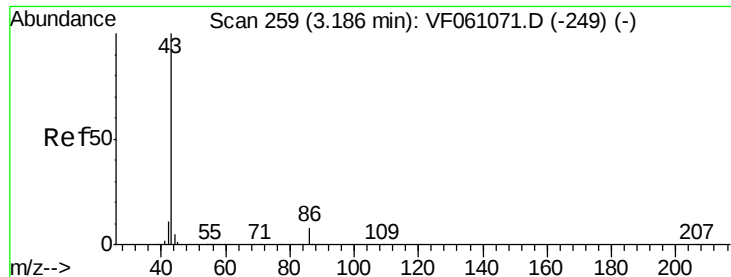
Delta R.T. -0.01 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 339143 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 47.7  | 42.2  | 63.2   |
| 87       | 17.4  | 14.6  | 22.0   |
| 59       | 9.2   | 7.0   | 10.4   |





#23

Vinyl Acetate

Concen: 257.939 ug/l

RT: 3.19 min Scan# 259

Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

Instrument :

MSVOA\_F

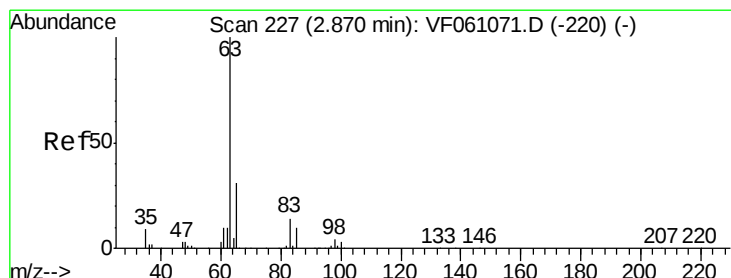
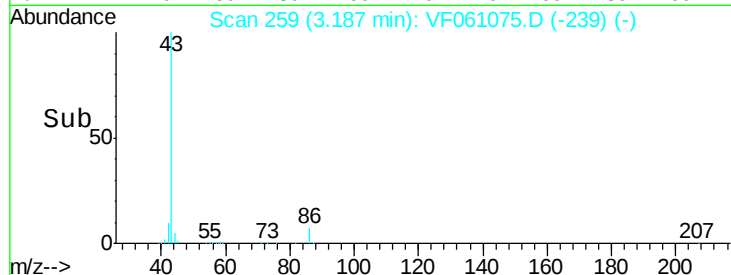
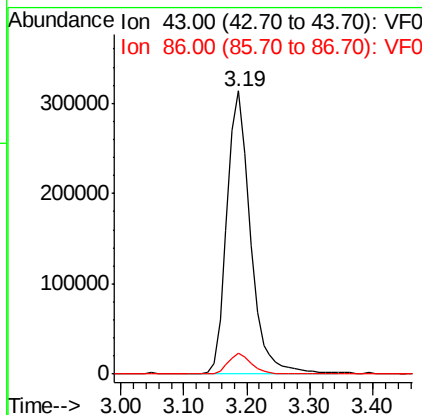
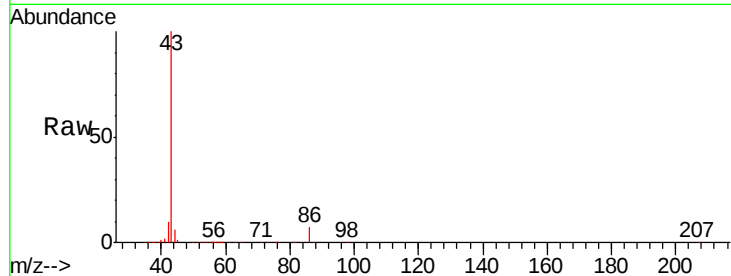
ClientSampleId :

ICVVF121918

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 43    | Resp: | 812034 |
| Ion Ratio | Lower | Upper |        |
| 43        | 100   |       |        |
| 86        | 7.4   | 6.3   | 9.5    |

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#24

1,1-Dichloroethane

Concen: 46.209 ug/l

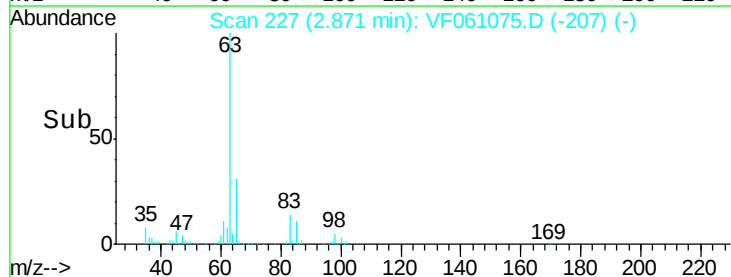
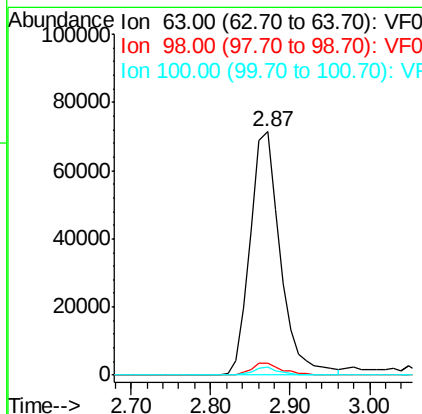
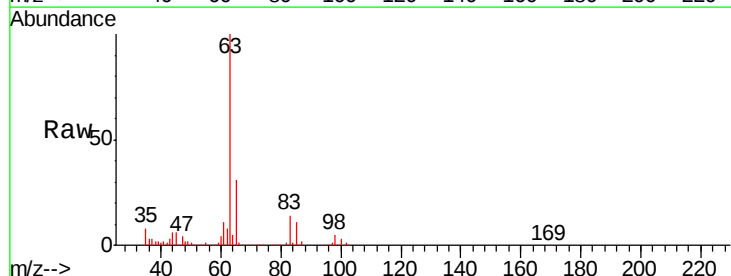
RT: 2.87 min Scan# 227

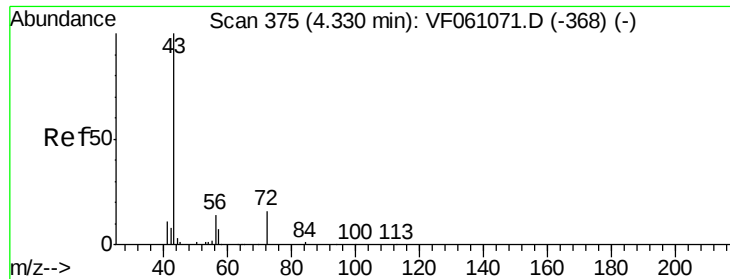
Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 63    | Resp: | 186836 |
| Ion Ratio | Lower | Upper |        |
| 63        | 100   |       |        |
| 98        | 5.0   | 2.1   | 6.5    |
| 100       | 3.1   | 1.7   | 5.1    |





#25

2-Butanone

Concen: 221.158 ug/l

RT: 4.33 min Scan# 375

Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

Instrument :

MSVOA\_F

ClientSampleId :

ICVVF121918

Tgt Ion: 43 Resp: 205959

Ion Ratio Lower Upper

43 100

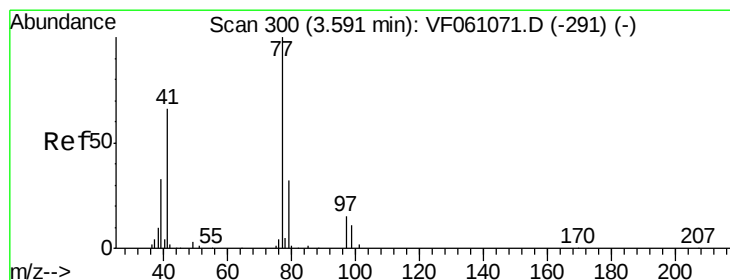
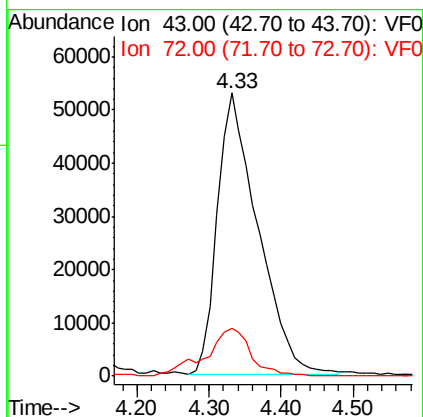
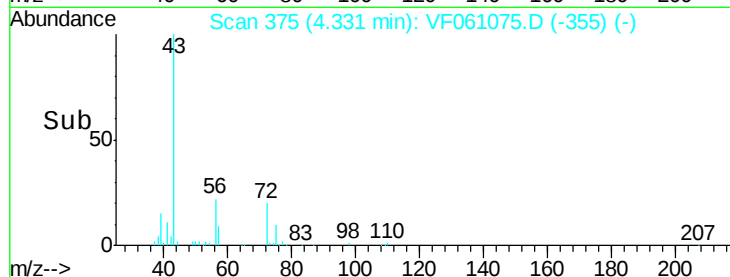
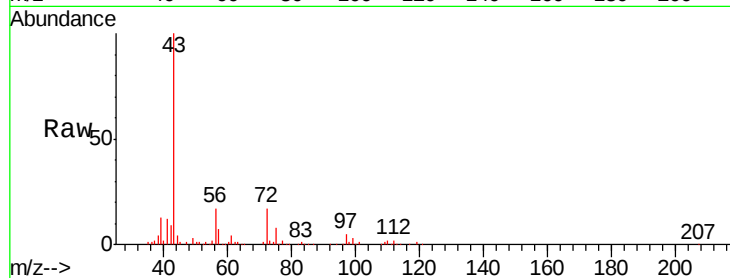
72 17.0 15.6 23.4

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#26

2,2-Dichloropropane

Concen: 45.297 ug/l

RT: 3.59 min Scan# 300

Delta R.T. 0.00 min

Lab File: VF061075.D

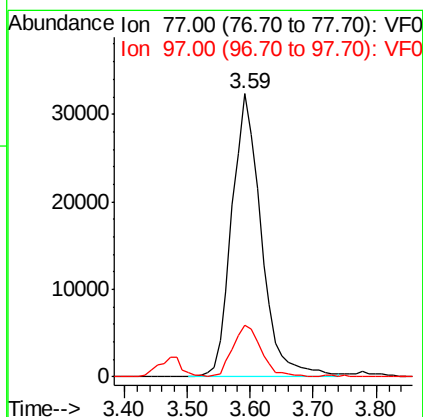
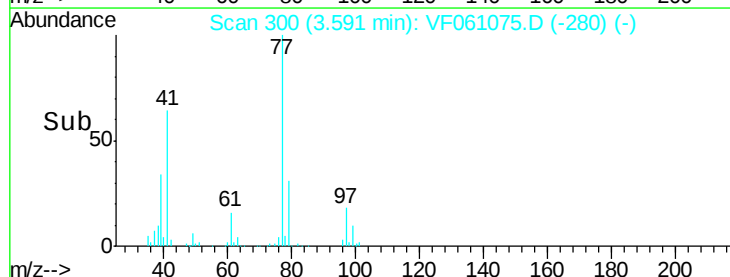
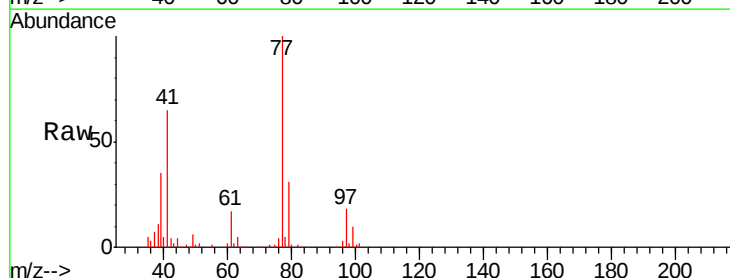
Acq: 18 Dec 2018 21:47

Tgt Ion: 77 Resp: 105105

Ion Ratio Lower Upper

77 100

97 18.2 8.2 24.4





#27

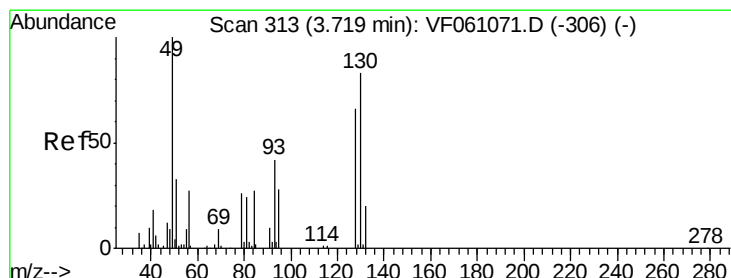
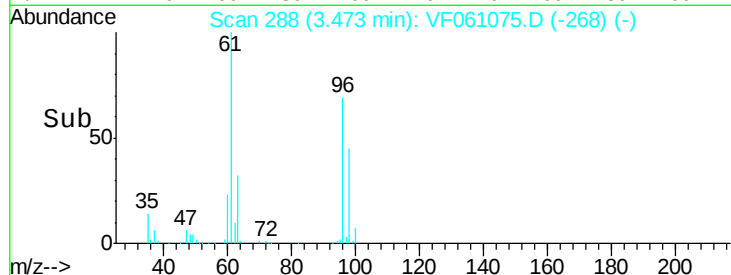
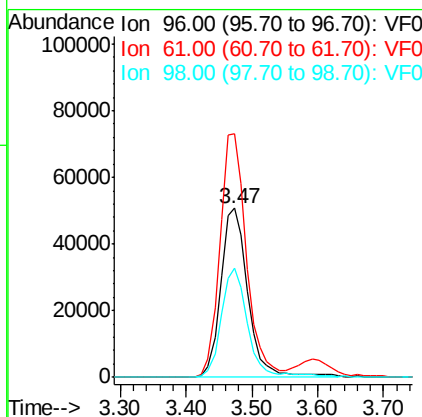
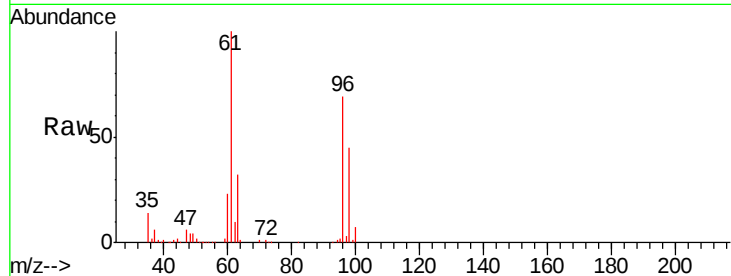
cis-1,2-Dichloroethene  
Concen: 45.621 ug/l  
RT: 3.47 min Scan# 288  
Delta R.T. 0.00 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF121918

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 96      | 100   |            |            |
| 61      | 144.1 | 0.0        | 287.8      |
| 98      | 64.4  | 0.0        | 134.2      |

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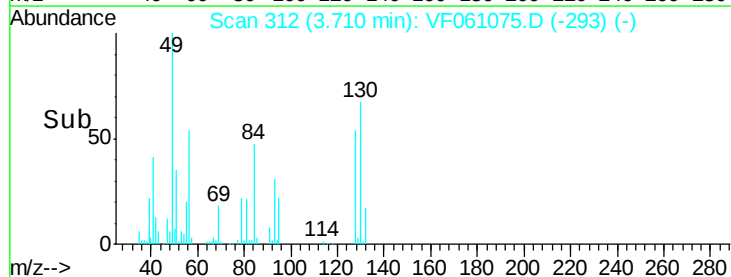
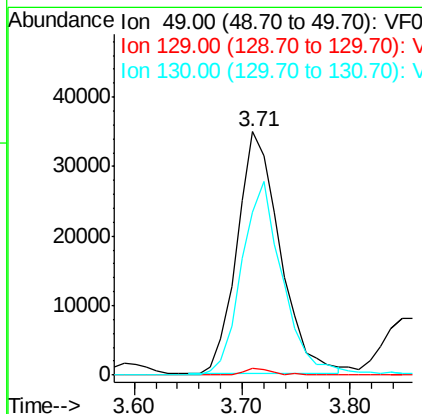
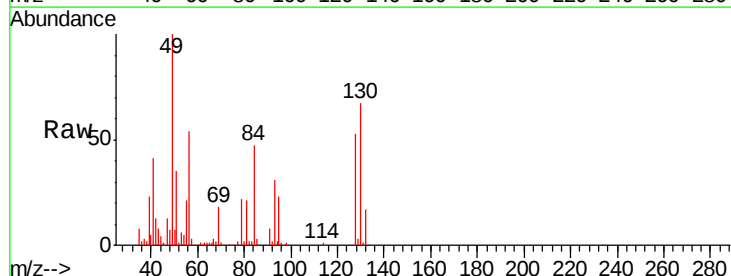
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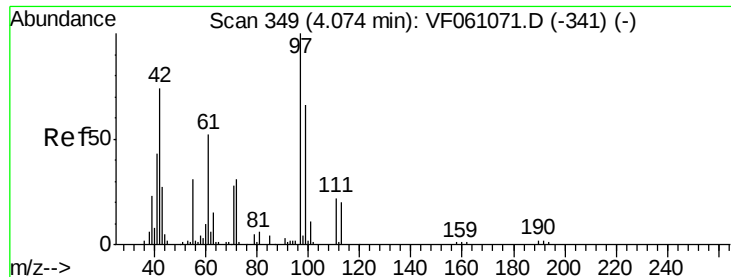


#28

Bromochloromethane  
Concen: 46.585 ug/l  
RT: 3.71 min Scan# 312  
Delta R.T. -0.01 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

| Tgt Ion | Ratio | Resp Lower | Resp Upper |
|---------|-------|------------|------------|
| 49      | 100   |            |            |
| 129     | 2.8   | 0.0        | 3.6        |
| 130     | 66.8  | 65.8       | 98.6       |





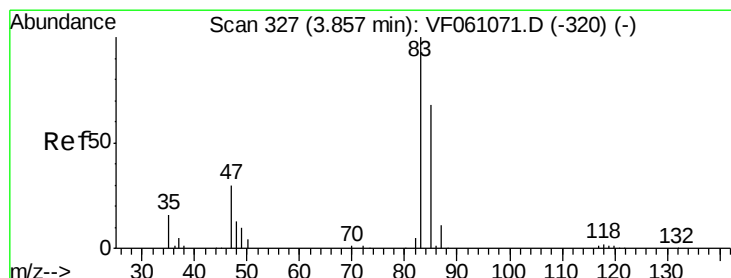
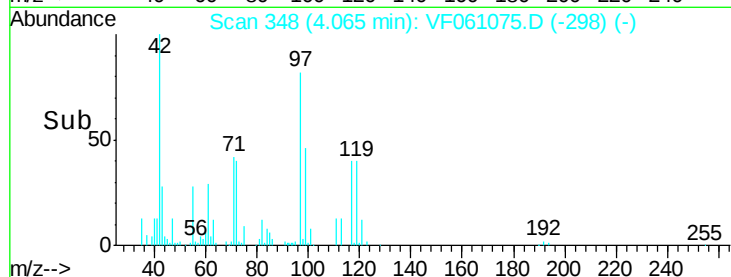
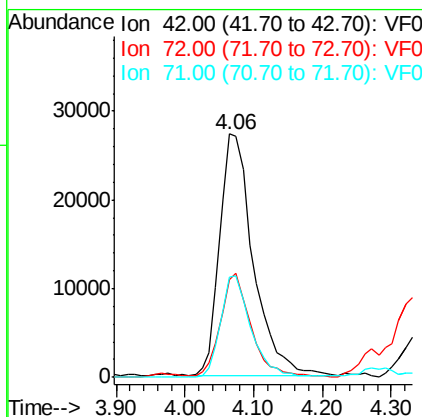
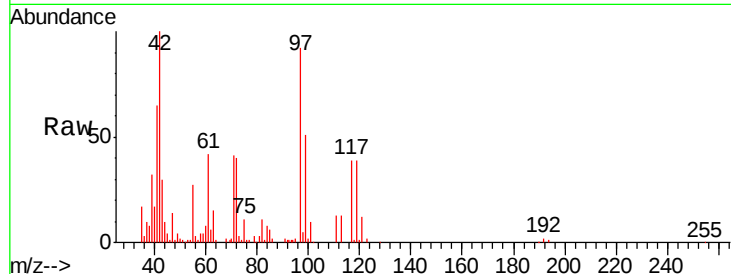
#29  
Tetrahydrofuran  
Concen: 246.286 ug/l  
RT: 4.06 min Scan# 348  
Delta R.T. -0.01 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF121918

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 42      | 100   |       |       |
| 72      | 39.2  | 31.8  | 47.8  |
| 71      | 38.1  | 29.7  | 44.5  |

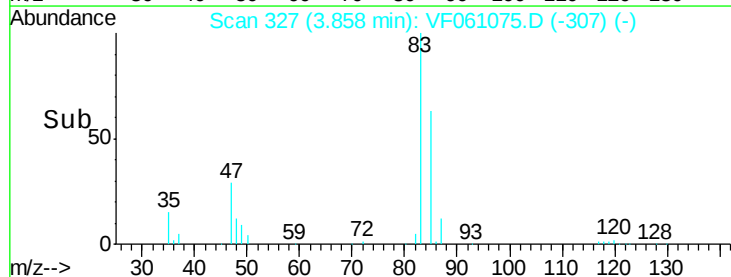
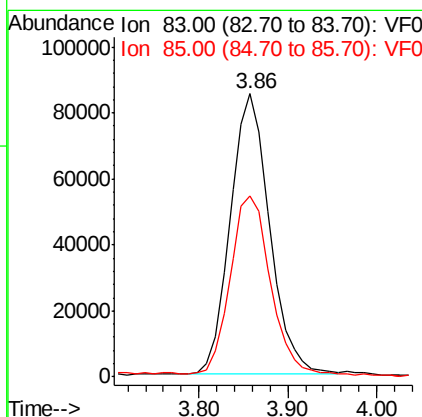
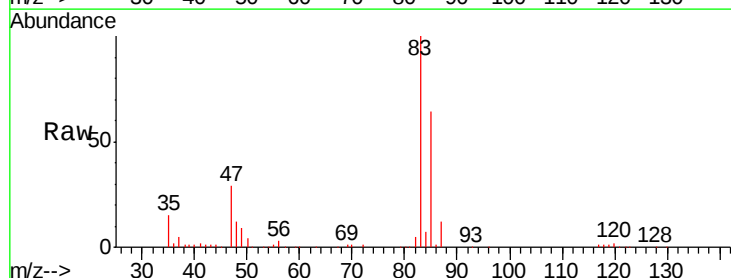
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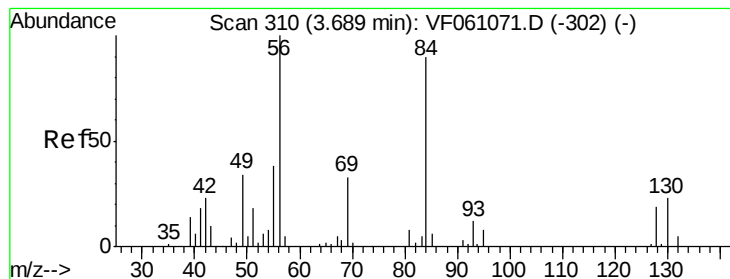
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#30  
Chloroform  
Concen: 43.131 ug/l  
RT: 3.86 min Scan# 327  
Delta R.T. 0.00 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 85      | 64.1  | 54.5  | 81.7  |





#31

Cyclohexane

Concen: 45.634 ug/l m

RT: 3.68 min Scan# 309

Delta R.T. -0.01 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

Instrument :

MSVOA\_F

ClientSampleId :

ICVVF121918

Tgt Ion: 56 Resp: 191462

Ion Ratio Lower Upper

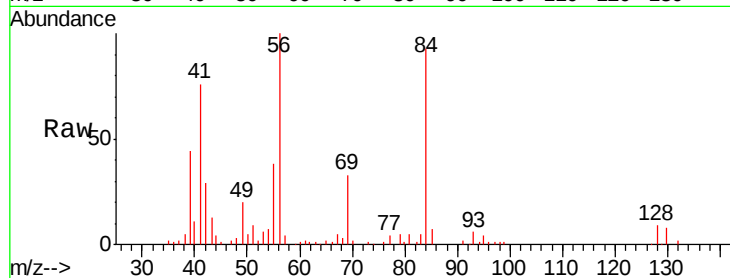
56 100

69 32.7 26.0 39.0

84 93.4 71.4 107.2

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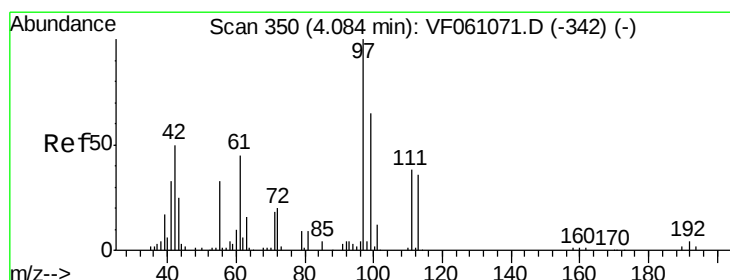
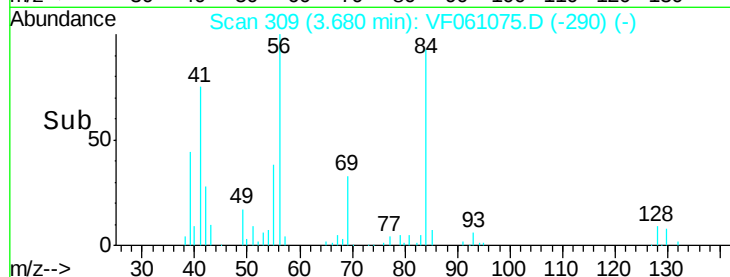
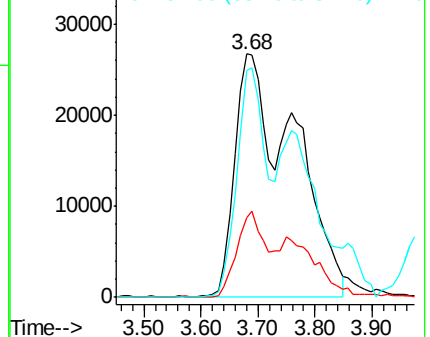
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Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0



#32

1,1,1-Trichloroethane

Concen: 42.852 ug/l

RT: 4.08 min Scan# 350

Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

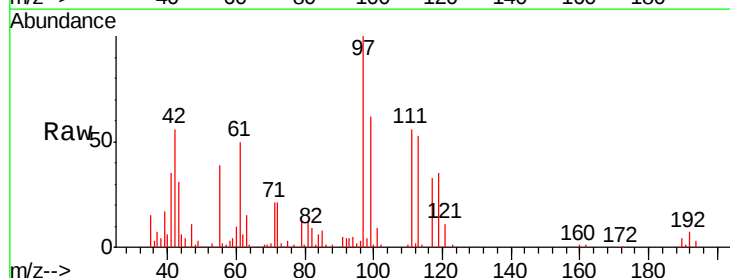
Tgt Ion: 97 Resp: 155716

Ion Ratio Lower Upper

97 100

99 62.4 51.6 77.4

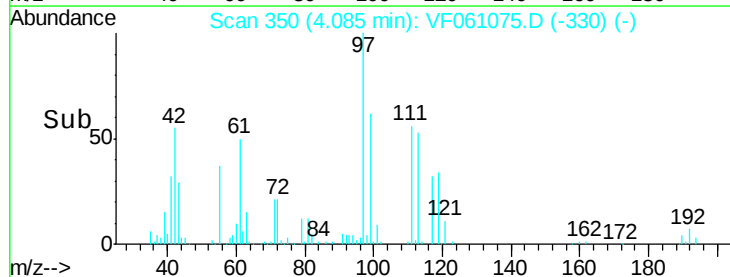
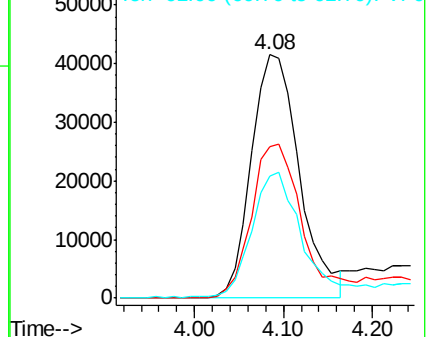
61 50.0 36.2 54.2

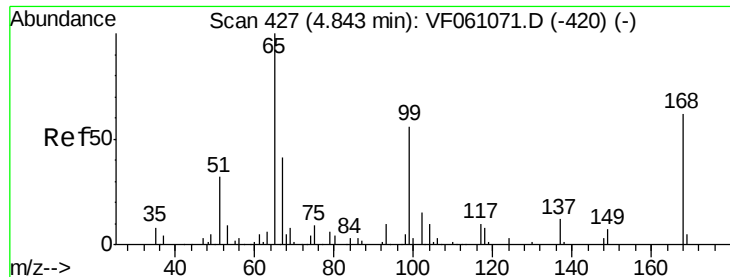


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





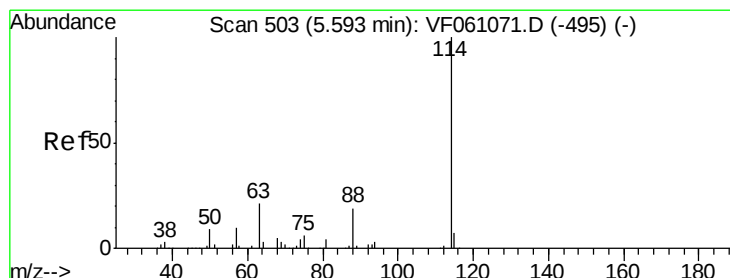
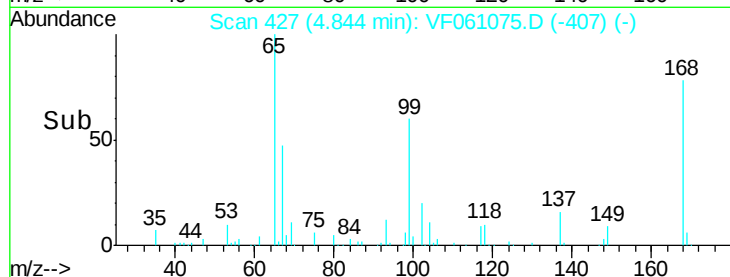
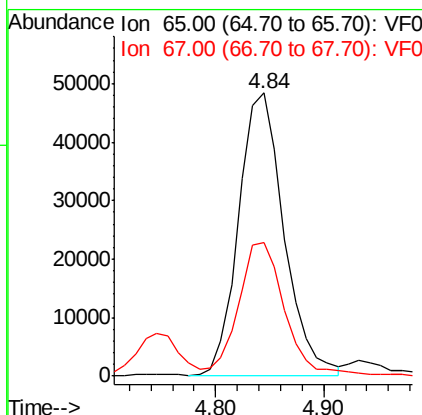
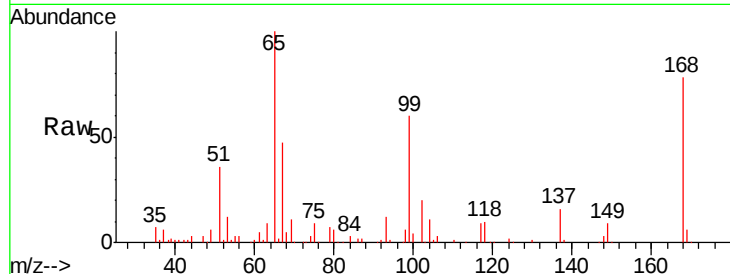
#33  
 1,2-Dichloroethane-d4  
 Concen: 49.451 ug/l  
 RT: 4.84 min Scan# 427  
 Delta R.T. 0.00 min  
 Lab File: VF061075.D  
 Acq: 18 Dec 2018 21:47

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 ICVVF121918

Tgt Ion: 65 Resp: 142043  
 Ion Ratio Lower Upper  
 65 100  
 67 47.4 0.0 94.6

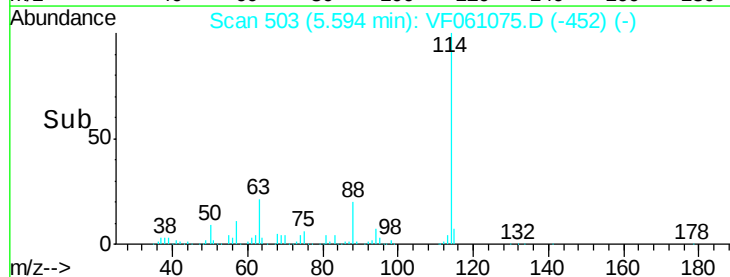
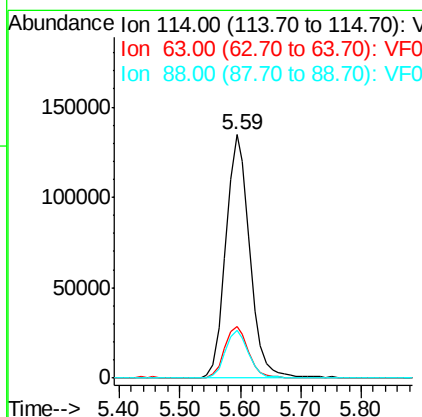
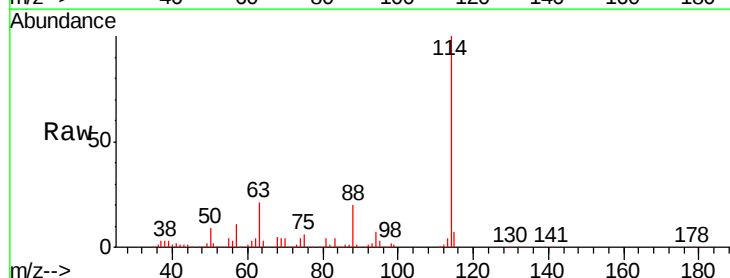
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#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.59 min Scan# 503  
 Delta R.T. 0.00 min  
 Lab File: VF061075.D  
 Acq: 18 Dec 2018 21:47

Tgt Ion: 114 Resp: 370694  
 Ion Ratio Lower Upper  
 114 100  
 63 21.3 0.0 41.6  
 88 19.7 0.0 38.0





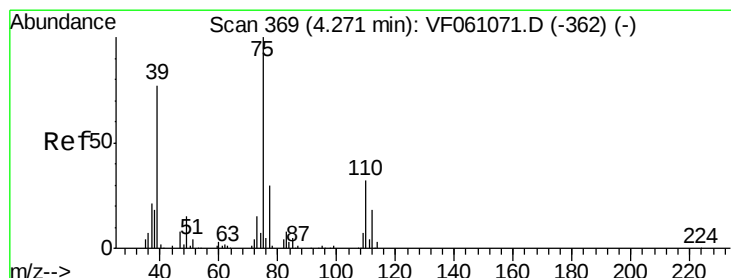
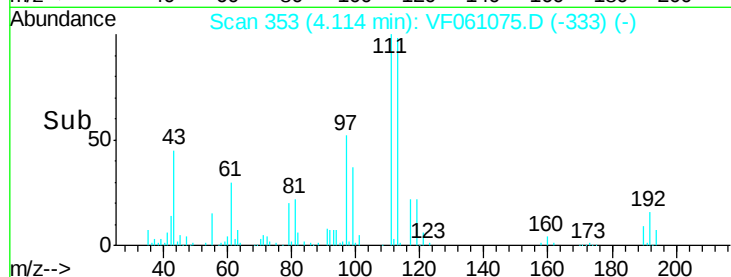
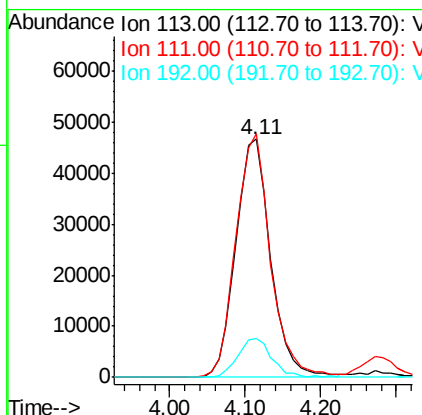
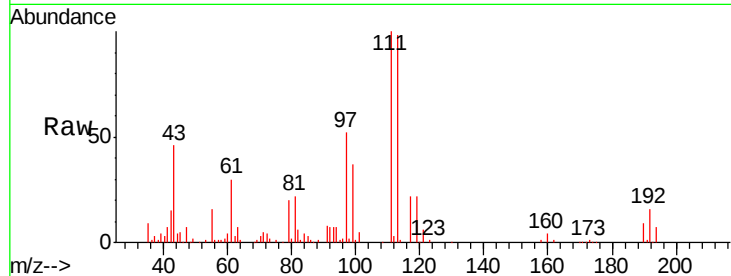
#35  
 Dibromofluoromethane  
 Concen: 50.217 ug/l  
 RT: 4.11 min Scan# 353  
 Delta R.T. 0.00 min  
 Lab File: VF061075.D  
 Acq: 18 Dec 2018 21:47

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 ICVVF121918

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 149118 |       |       |
| 111     | 102.3 | 85.2   | 127.8 |       |
| 192     | 16.3  | 12.8   | 19.2  |       |

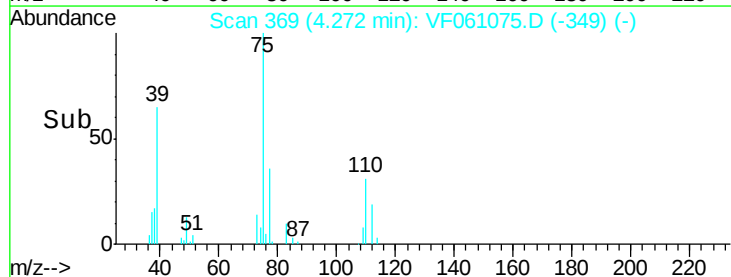
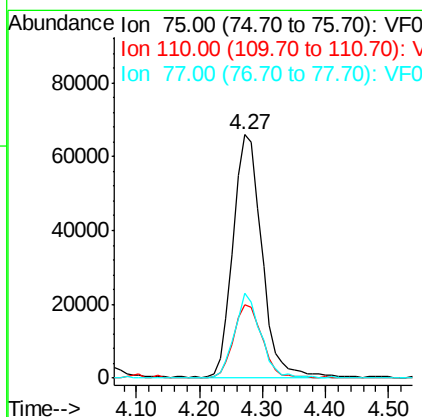
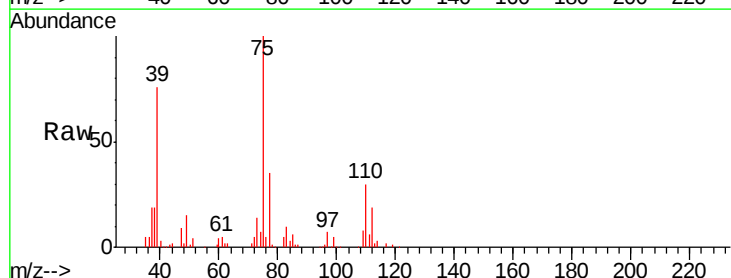
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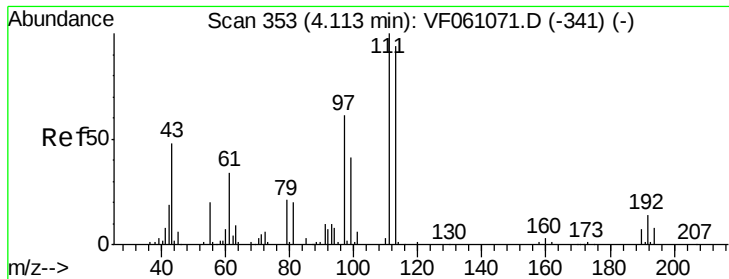
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#36  
 1,1-Dichloropropene  
 Concen: 46.342 ug/l  
 RT: 4.27 min Scan# 369  
 Delta R.T. 0.00 min  
 Lab File: VF061075.D  
 Acq: 18 Dec 2018 21:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 75      | 100   | 207357 |       |       |
| 110     | 30.0  | 16.1   | 48.2  |       |
| 77      | 34.8  | 24.5   | 36.7  |       |





#37

Ethyl Acetate

Concen: 49.728 ug/l

RT: 4.11 min Scan# 353

Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

Instrument :

MSVOA\_F

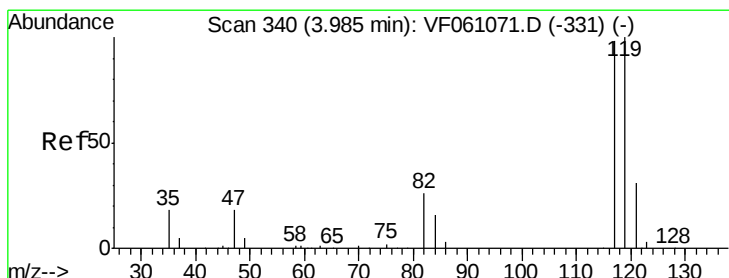
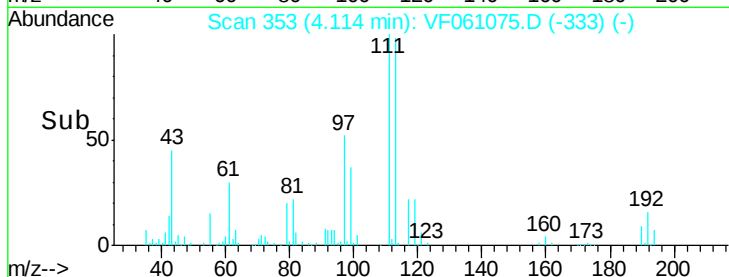
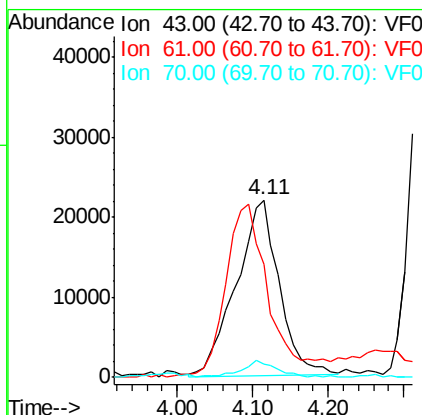
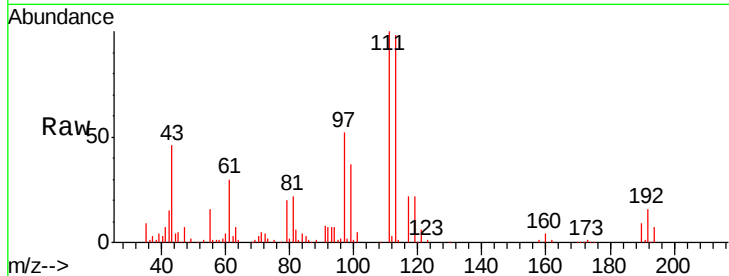
ClientSampleId :

ICVVF121918

|           |       |       |       |
|-----------|-------|-------|-------|
| Tgt Ion:  | 43    | Resp: | 86622 |
| Ion Ratio | Lower | Upper |       |
| 43        | 100   |       |       |
| 61        | 64.0  | 56.6  | 84.8  |
| 70        | 7.3   | 6.3   | 9.5   |

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#38

Carbon Tetrachloride

Concen: 45.130 ug/l

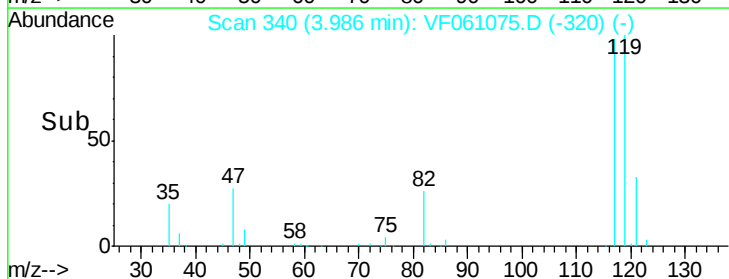
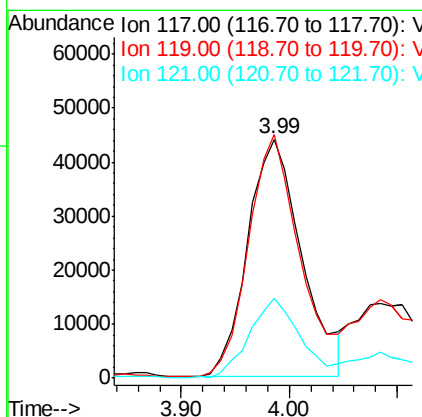
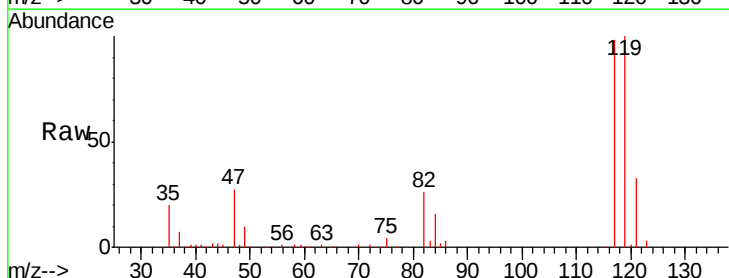
RT: 3.99 min Scan# 340

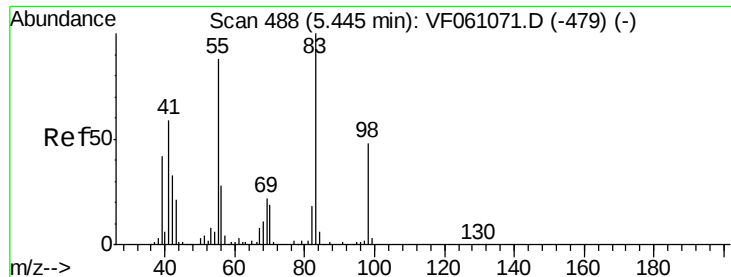
Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

|           |       |       |        |
|-----------|-------|-------|--------|
| Tgt Ion:  | 117   | Resp: | 153783 |
| Ion Ratio | Lower | Upper |        |
| 117       | 100   |       |        |
| 119       | 101.8 | 82.1  | 123.1  |
| 121       | 33.4  | 25.5  | 38.3   |





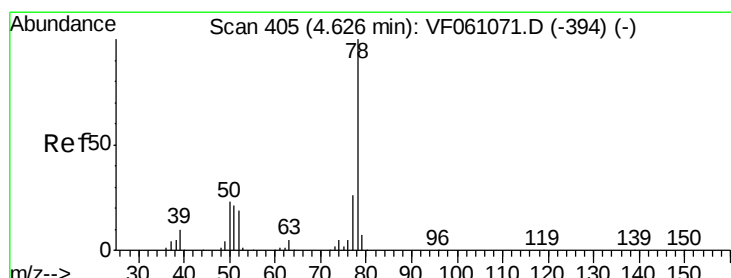
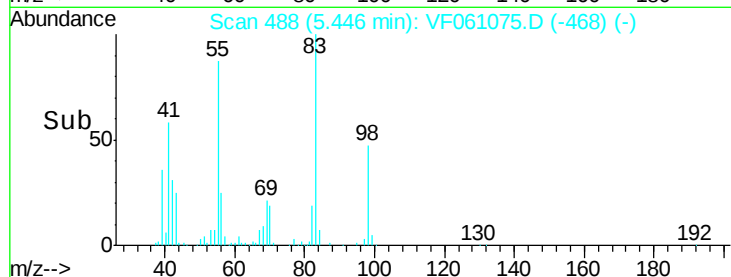
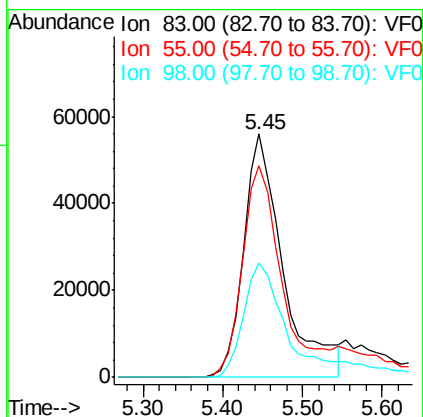
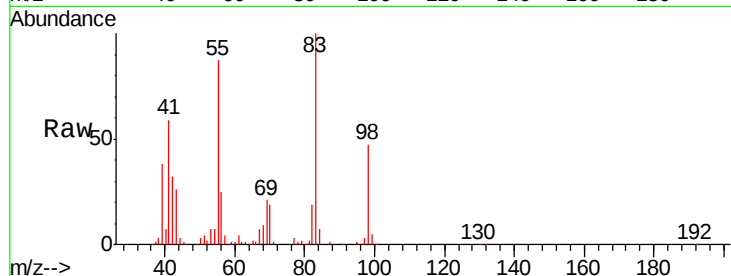
#39  
Methylcyclohexane  
Concen: 47.836 ug/l  
RT: 5.45 min Scan# 488  
Delta R.T. 0.00 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF121918

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 87.1  | 70.6  | 105.8 |
| 98      | 46.7  | 38.5  | 57.7  |

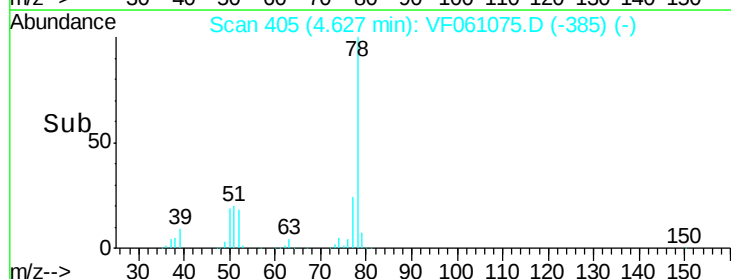
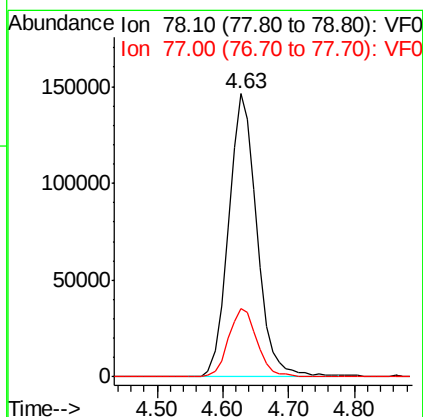
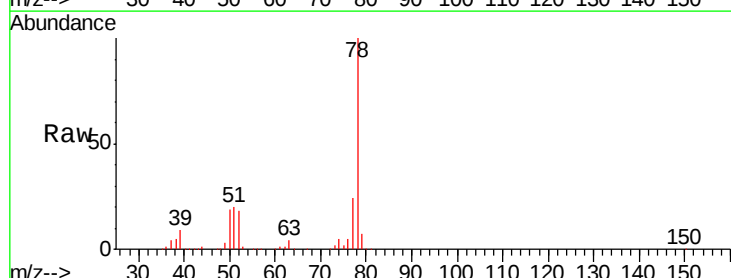
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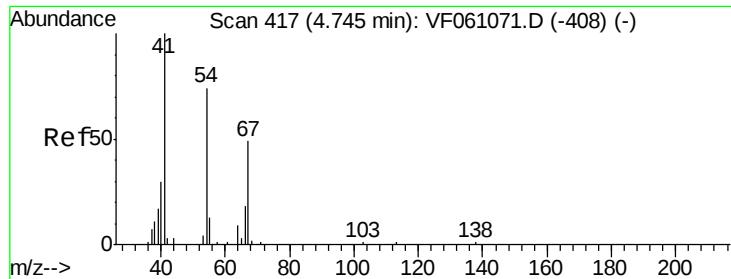
apatel  
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#40  
Benzene  
Concen: 45.877 ug/l  
RT: 4.63 min Scan# 405  
Delta R.T. 0.00 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.2  | 20.7  | 31.1  |





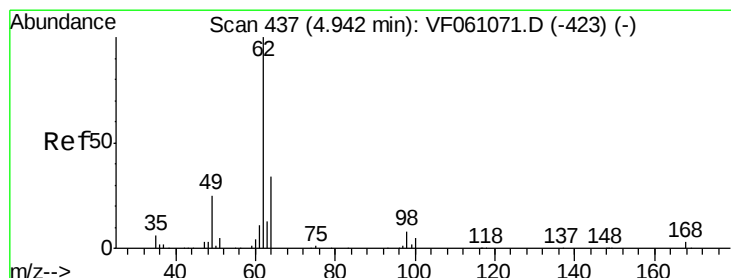
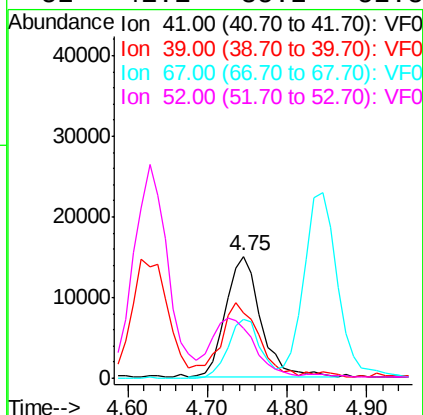
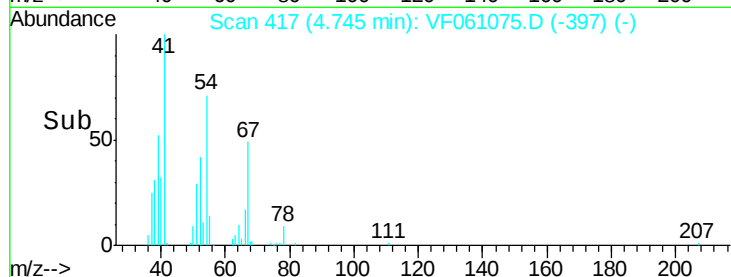
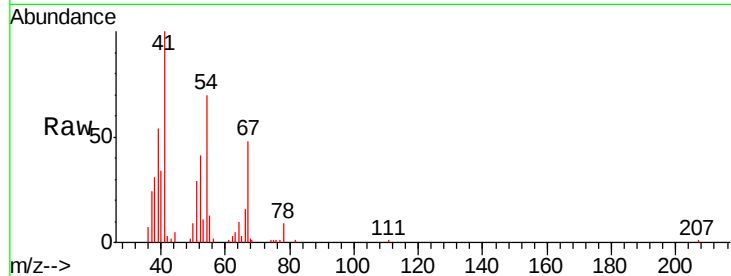
#41  
Methacrylonitrile  
Concen: 48.935 ug/l  
RT: 4.75 min Scan# 417  
Delta R.T. 0.00 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF121918

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 41      | 41  | 100   |       |       |
| 39      | 39  | 53.6  | 45.7  | 68.5  |
| 67      | 67  | 48.2  | 38.9  | 58.3  |
| 52      | 52  | 41.1  | 35.2  | 52.8  |

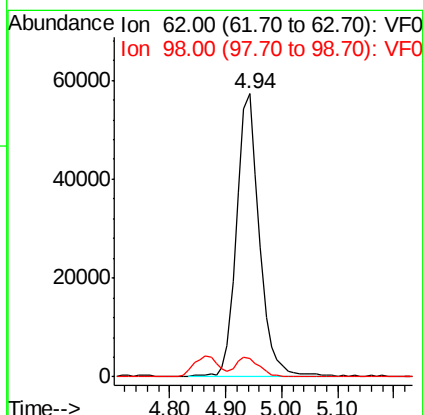
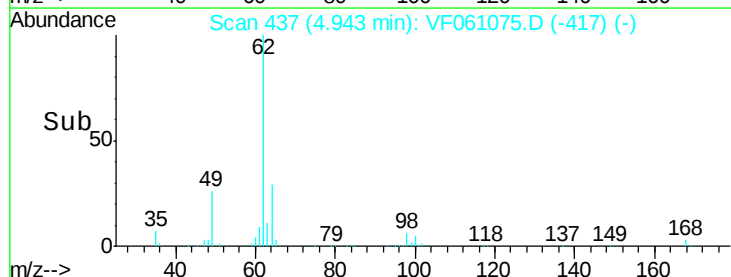
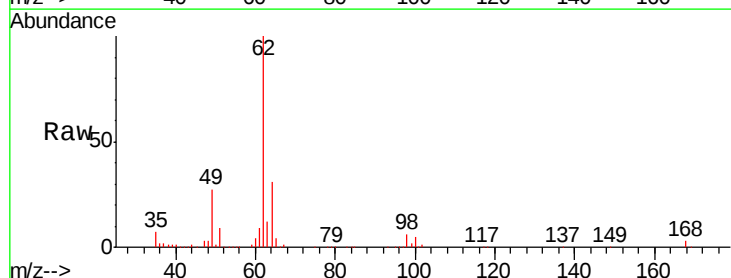
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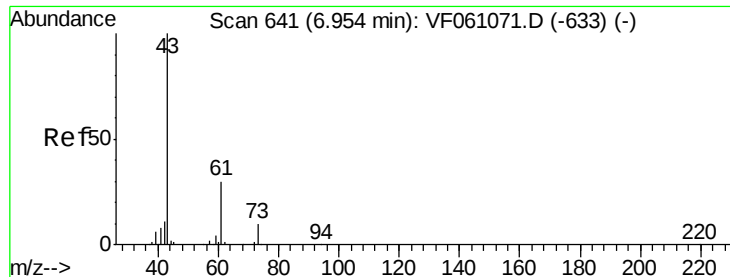
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#42  
1,2-Dichloroethane  
Concen: 44.461 ug/l  
RT: 4.94 min Scan# 437  
Delta R.T. 0.00 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

| Tgt Ion | Ion | Ratio | Lower | Upper |
|---------|-----|-------|-------|-------|
| 62      | 62  | 100   |       |       |
| 98      | 98  | 6.4   | 0.0   | 16.6  |





#43

Isopropyl Acetate

Concen: 49.963 ug/l

RT: 6.96 min Scan# 641

Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

Instrument :

MSVOA\_F

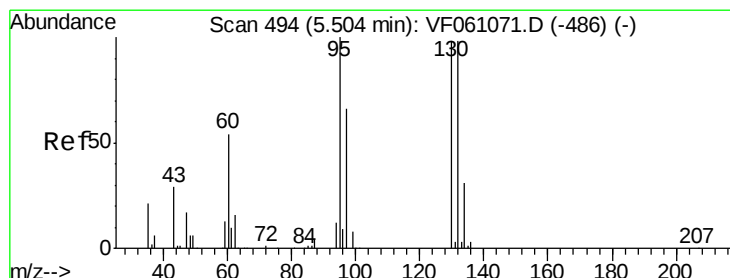
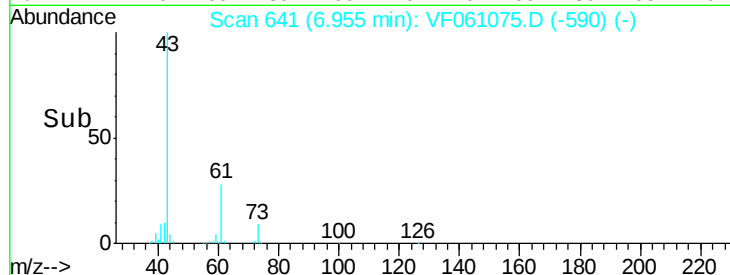
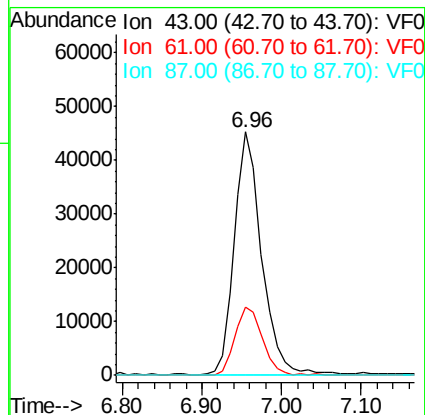
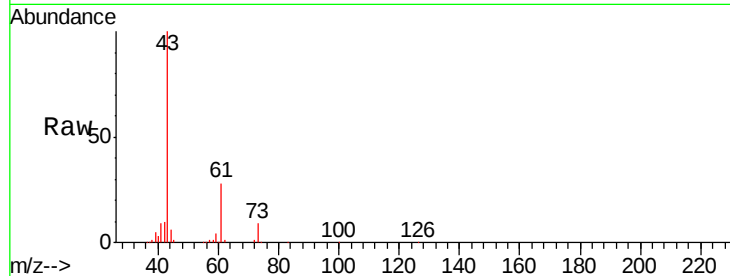
ClientSampleId :

ICVVF121918

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 43   | Resp: | 107946 |
| Ion Ratio |      | Lower | Upper  |
| 43        | 100  |       |        |
| 61        | 28.1 | 23.8  | 35.8   |
| 87        | 0.0  | 0.0   | 0.0    |

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#44

Trichloroethene

Concen: 46.233 ug/l

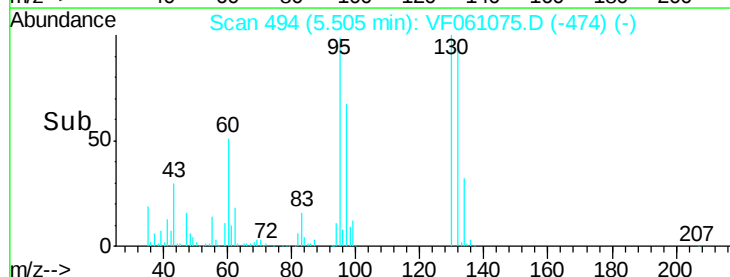
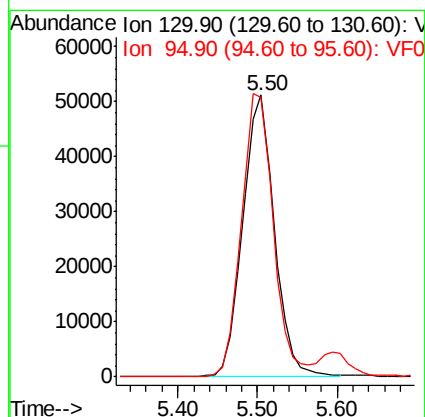
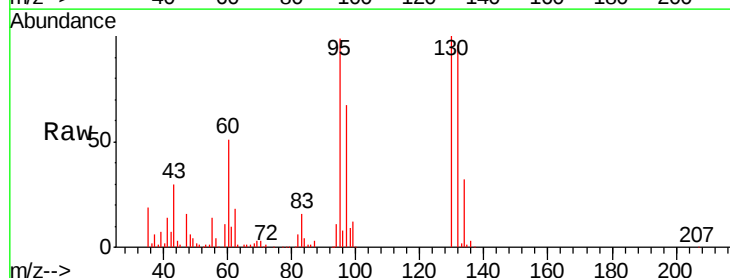
RT: 5.50 min Scan# 494

Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

|           |      |       |        |
|-----------|------|-------|--------|
| Tgt Ion:  | 130  | Resp: | 140259 |
| Ion Ratio |      | Lower | Upper  |
| 130       | 100  |       |        |
| 95        | 99.0 | 0.0   | 205.2  |





#45

1,2-Dichloropropane

Concen: 46.690 ug/l

RT: 6.23 min Scan# 568

Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

Instrument :

MSVOA\_F

ClientSampleId :

ICVVF121918

Tgt Ion: 63 Resp: 122232

Ion Ratio Lower Upper

63 100

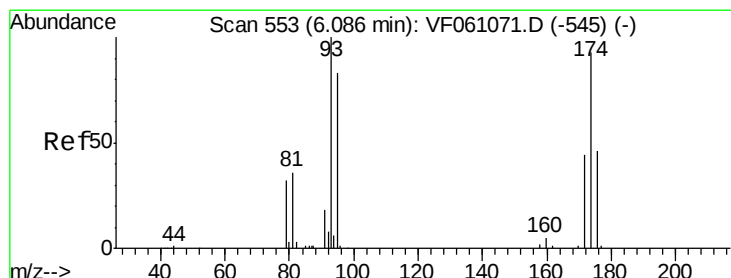
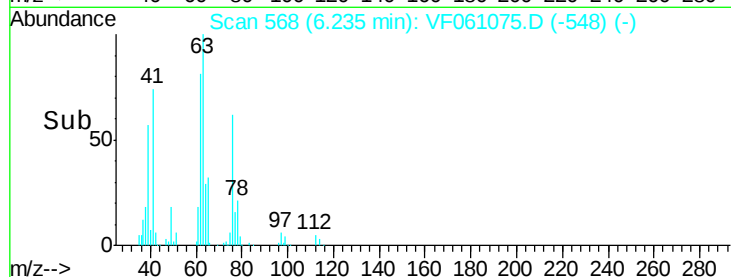
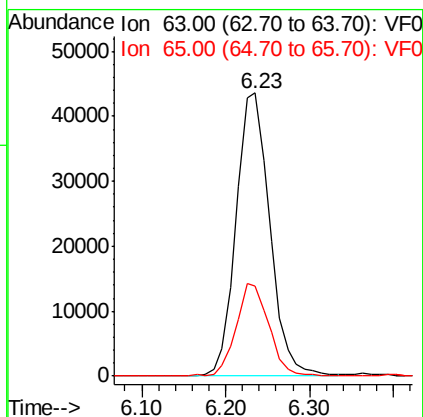
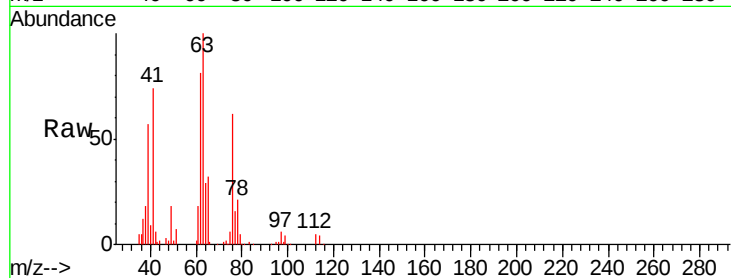
65 32.0 24.4 36.6

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#46

Dibromomethane

Concen: 47.454 ug/l

RT: 6.09 min Scan# 553

Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

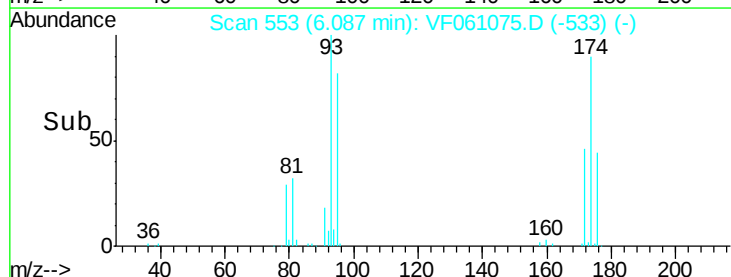
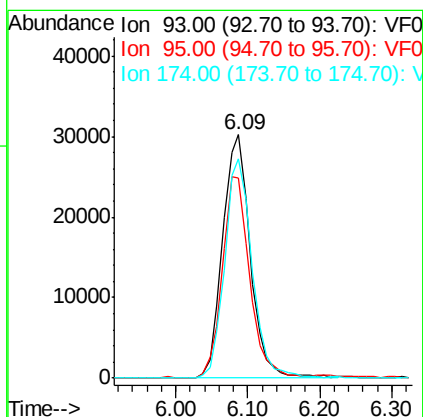
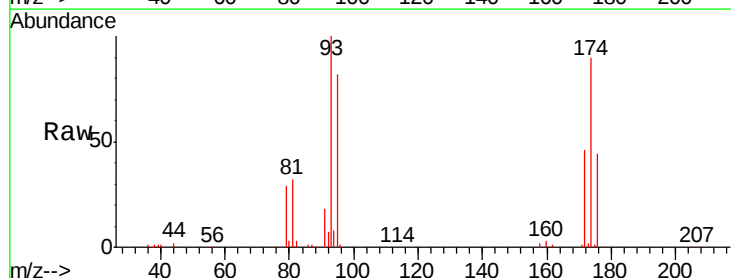
Tgt Ion: 93 Resp: 80575

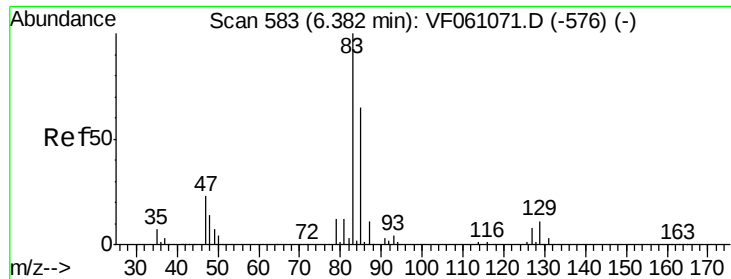
Ion Ratio Lower Upper

93 100

95 82.3 66.9 100.3

174 90.2 74.1 111.1





#47

Bromodichloromethane

Concen: 47.578 ug/l

RT: 6.38 min Scan# 583

Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

Instrument :

MSVOA\_F

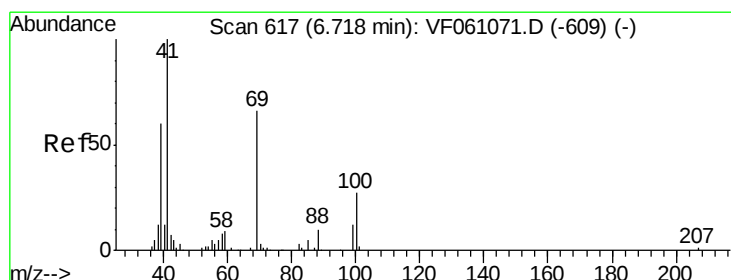
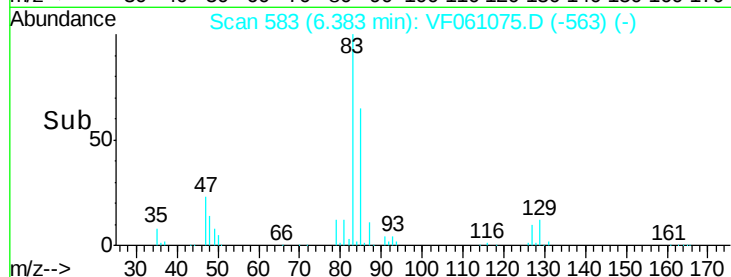
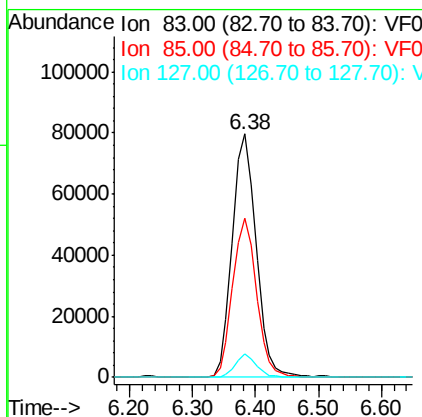
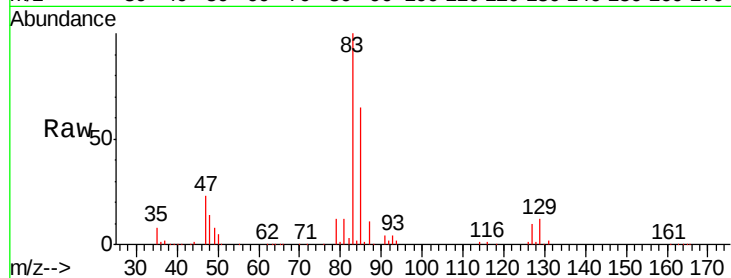
ClientSampleId :

ICVVF121918

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 209906 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 65.5  | 52.2  | 78.4   |
| 127      | 9.6   | 6.1   | 9.1#   |

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#48

Methyl methacrylate

Concen: 48.814 ug/l

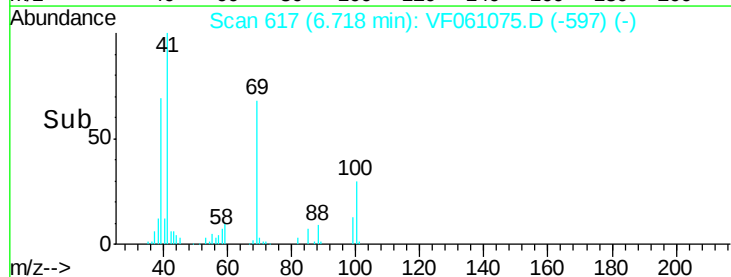
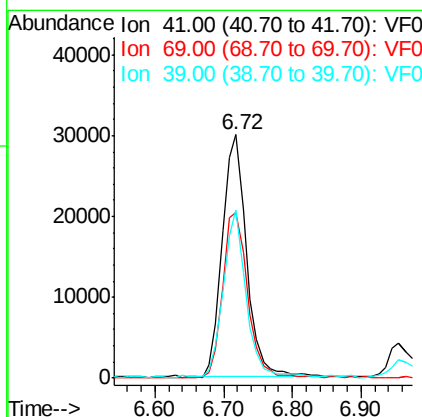
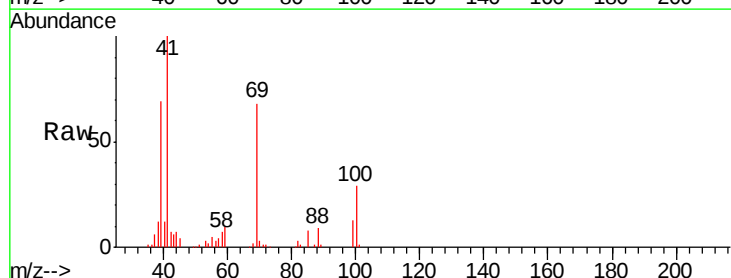
RT: 6.72 min Scan# 617

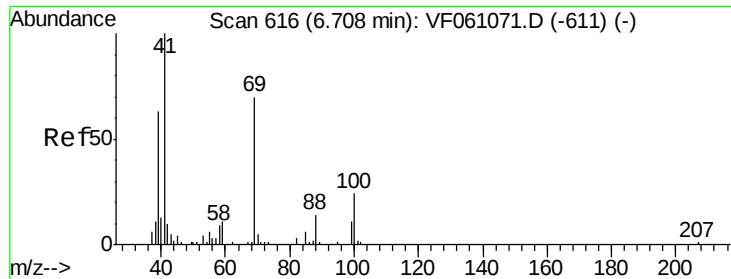
Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 73625 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 67.9  | 52.7  | 79.1  |
| 39       | 69.2  | 47.8  | 71.6  |





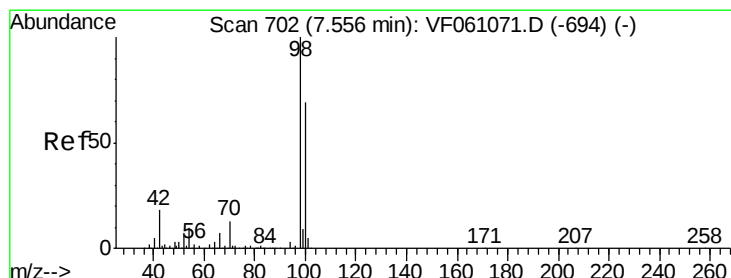
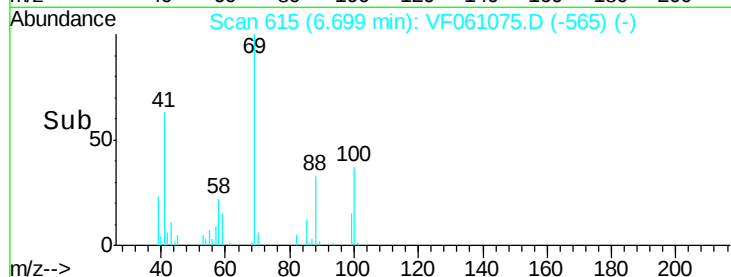
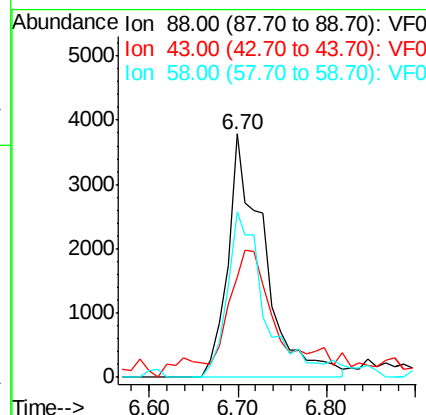
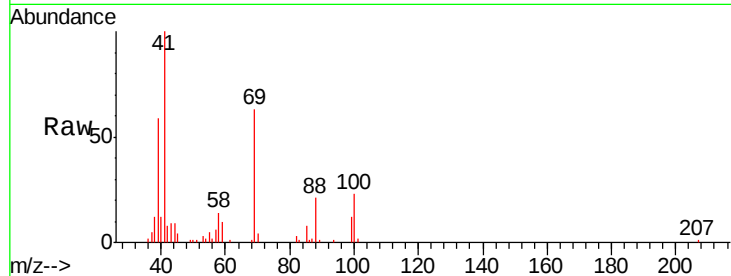
#49  
1,4-Dioxane  
Concen: 986.655 ug/l  
RT: 6.70 min Scan# 615  
Delta R.T. -0.01 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF121918

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 88      | 100   | 10798 |       |       |
| 43      | 41.2  | 33.3  | 49.9  |       |
| 58      | 68.0  | 53.2  | 79.8  |       |

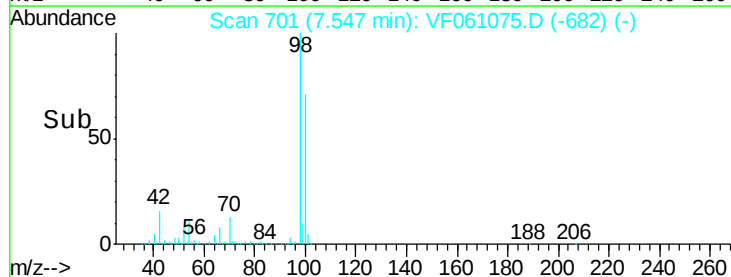
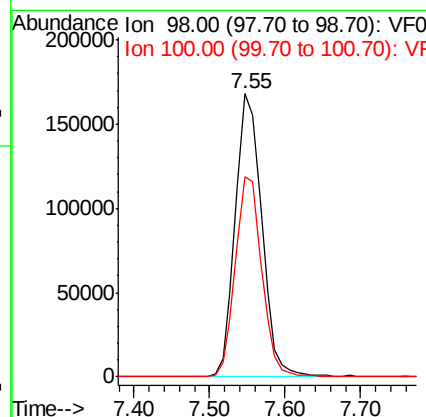
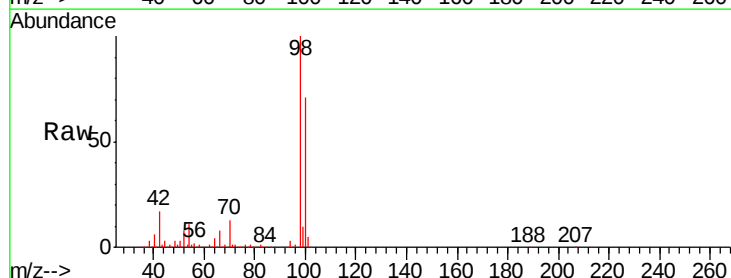
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#50  
Toluene-d8  
Concen: 48.489 ug/l  
RT: 7.55 min Scan# 701  
Delta R.T. -0.01 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 98      | 100   | 408037 |       |       |
| 100     | 70.9  | 55.3   | 82.9  |       |





#51

4-Methyl-2-Pentanone

Concen: 243.878 ug/l

RT: 8.26 min Scan# 773

Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

Instrument :

MSVOA\_F

ClientSampleId :

ICVVF121918

Tgt Ion: 43 Resp: 361363

Ion Ratio Lower Upper

43 100

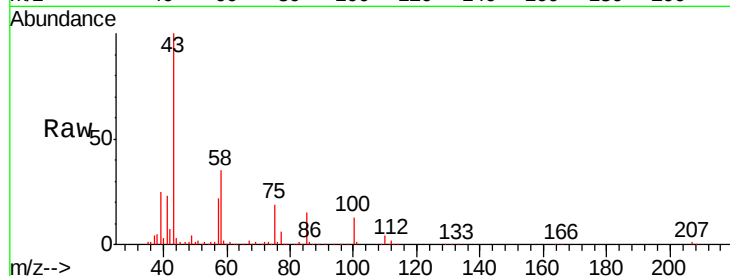
58 34.9 29.1 43.7

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Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.26

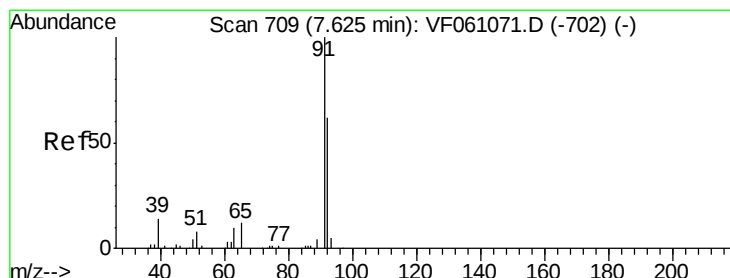
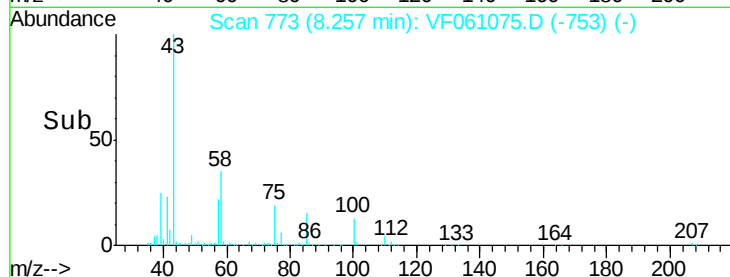
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 46.347 ug/l

RT: 7.63 min Scan# 709

Delta R.T. 0.00 min

Lab File: VF061075.D

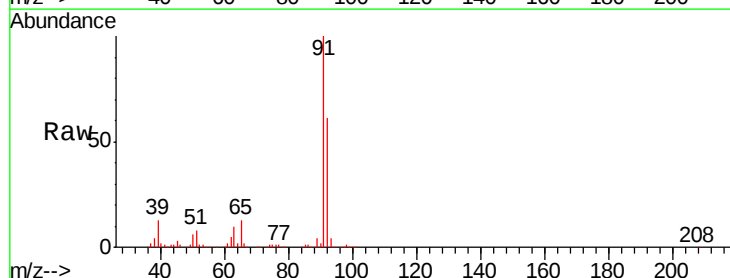
Acq: 18 Dec 2018 21:47

Tgt Ion: 92 Resp: 295212

Ion Ratio Lower Upper

92 100

91 163.8 128.8 193.2



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

7.63

200000

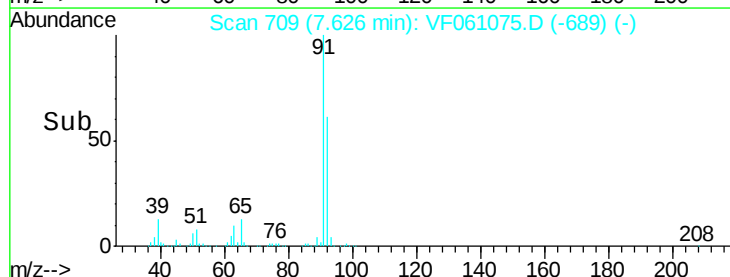
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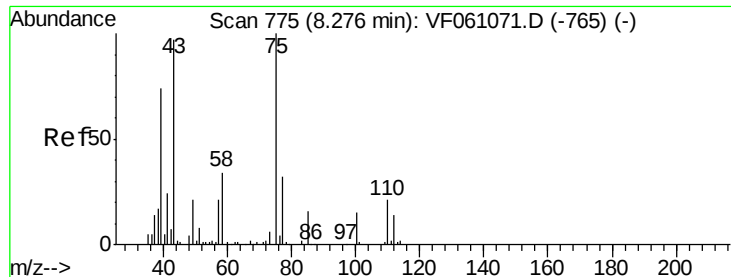
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 47.433 ug/l

RT: 8.28 min Scan# 775

Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

Instrument :

MSVOA\_F

ClientSampleId :

ICVVF121918

Tgt Ion: 75 Resp: 168816

Ion Ratio Lower Upper

75 100

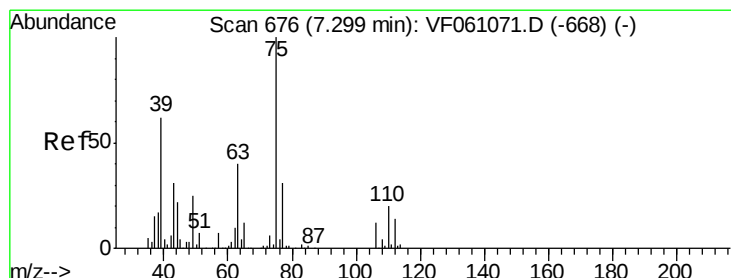
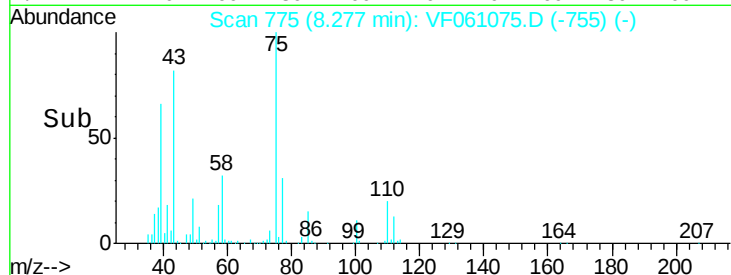
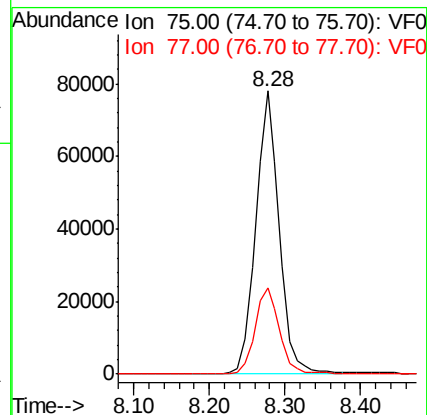
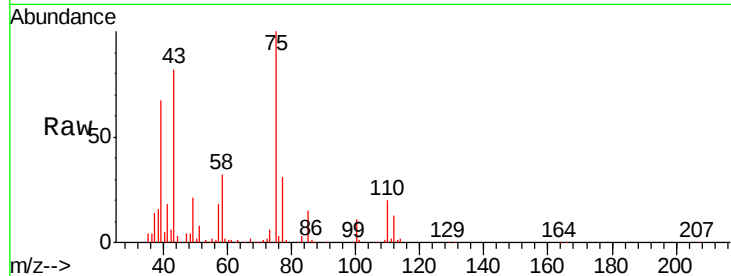
77 30.6 25.8 38.8

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#54

cis-1,3-Dichloropropene

Concen: 48.047 ug/l

RT: 7.30 min Scan# 676

Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

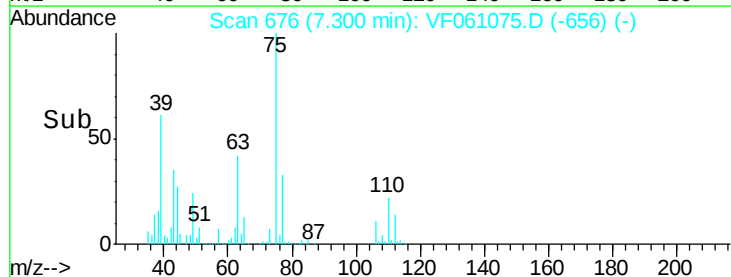
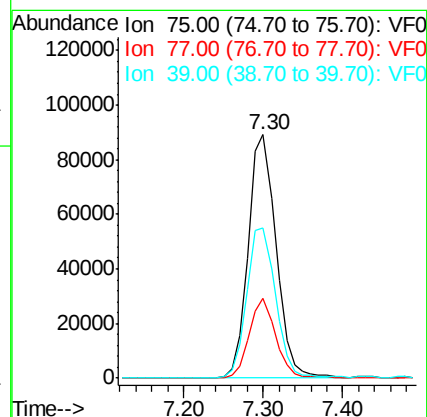
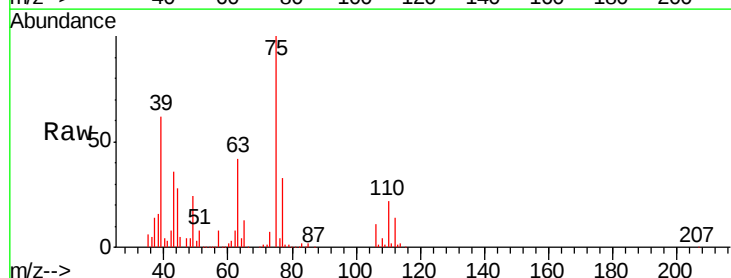
Tgt Ion: 75 Resp: 214617

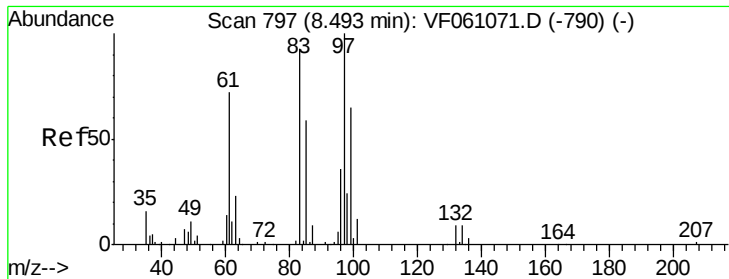
Ion Ratio Lower Upper

75 100

77 32.7 25.0 37.4

39 61.6 50.1 75.1





#55

1,1,2-Trichloroethane

Concen: 46.970 ug/l

RT: 8.48 min Scan# 796

Delta R.T. -0.01 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

Instrument :

MSVOA\_F

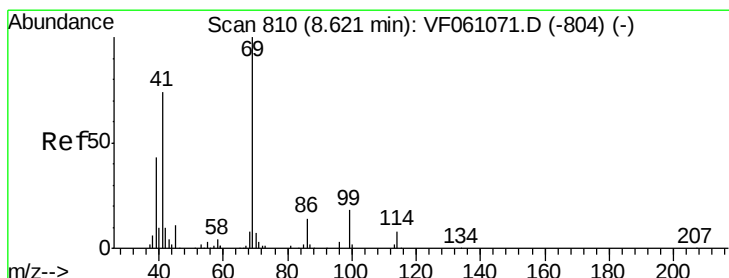
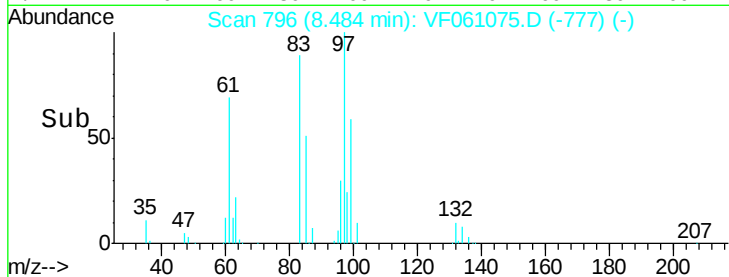
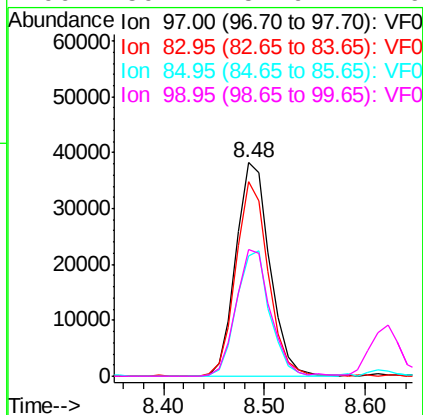
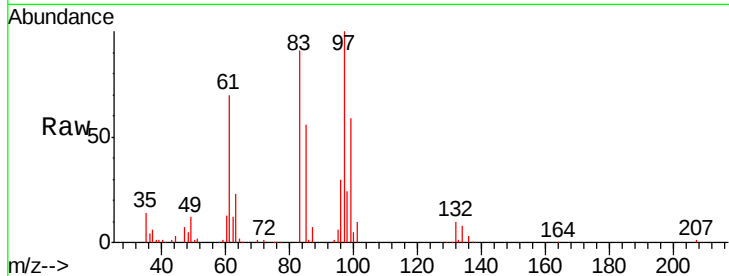
ClientSampleId :

ICVVF121918

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 97    | Resp: | 89690 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 91.4  | 75.0  | 112.4 |
| 85       | 56.1  | 47.5  | 71.3  |
| 99       | 59.2  | 51.9  | 77.9  |

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#56

Ethyl methacrylate

Concen: 49.145 ug/l

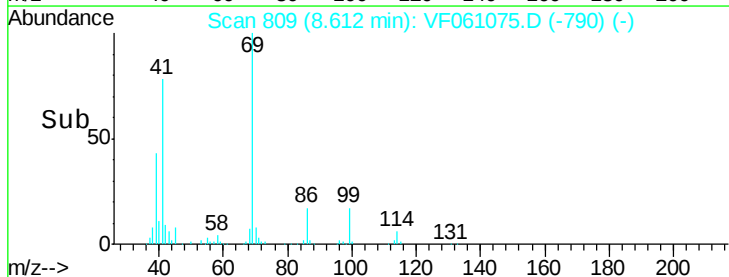
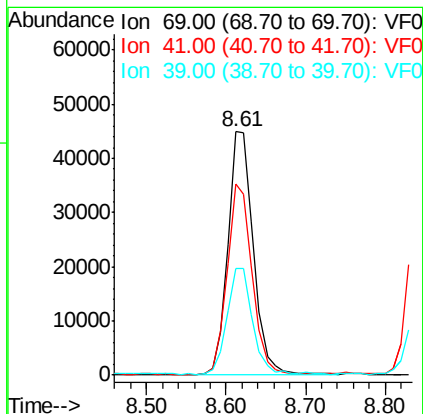
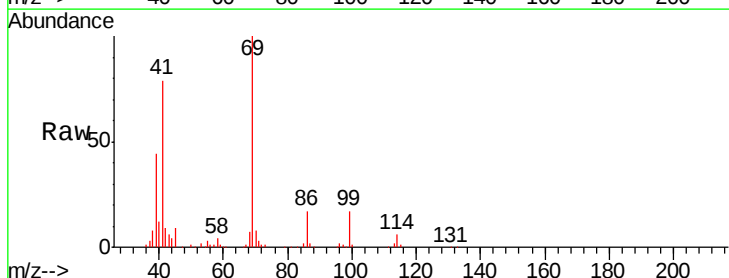
RT: 8.61 min Scan# 809

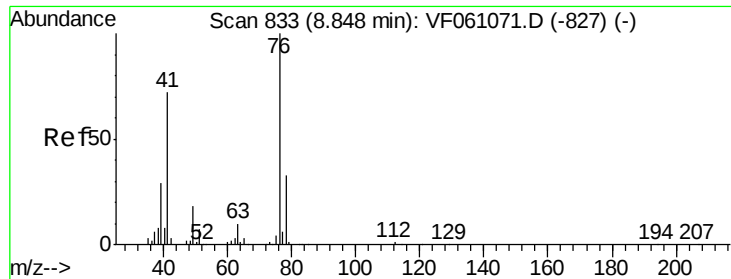
Delta R.T. -0.01 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 101545 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 78.7  | 59.7  | 89.5   |
| 39       | 44.0  | 35.0  | 52.6   |





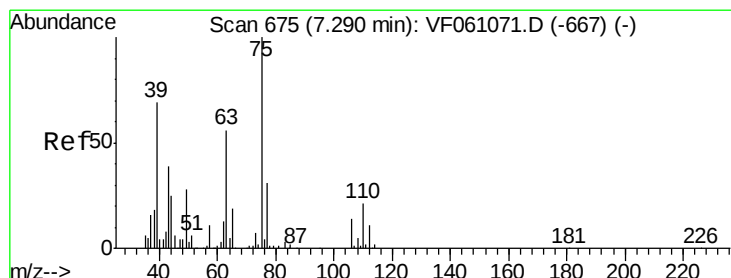
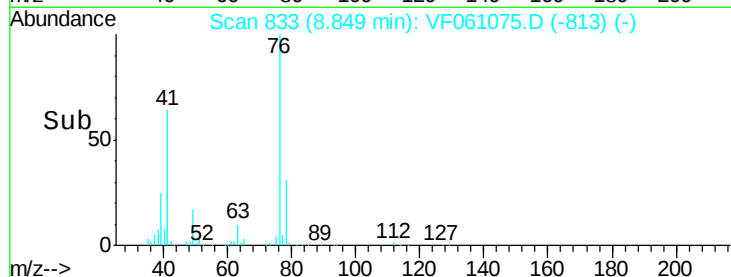
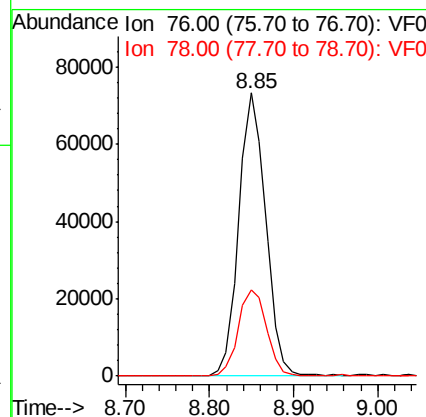
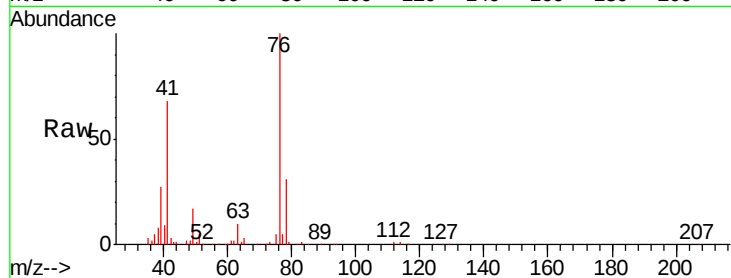
#57  
 1,3-Dichloropropane  
 Concen: 47.503 ug/l  
 RT: 8.85 min Scan# 833  
 Delta R.T. 0.00 min  
 Lab File: VF061075.D  
 Acq: 18 Dec 2018 21:47

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 ICVVF121918

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 76      | 100   |       |       |
| 78      | 30.5  | 26.5  | 39.7  |

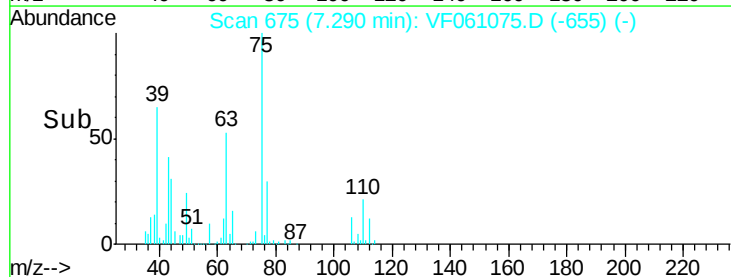
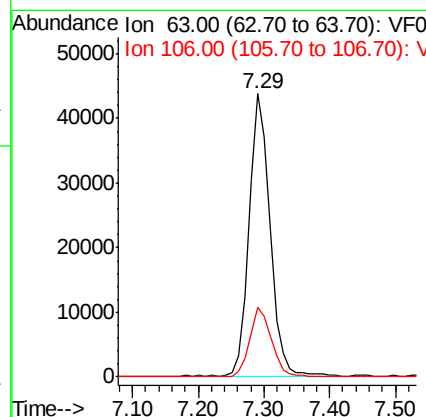
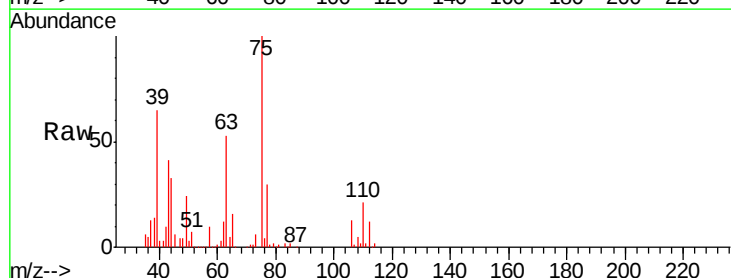
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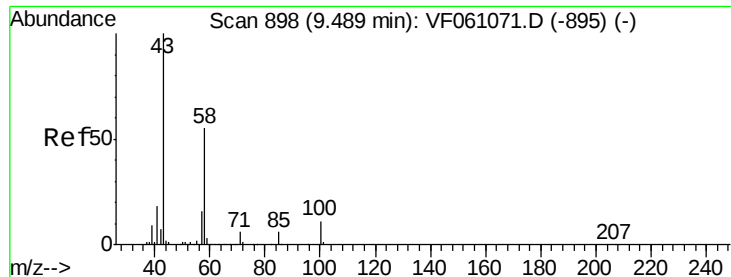
apatel  
 12/20/2018 10:29:10 AM



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 249.819 ug/l  
 RT: 7.29 min Scan# 675  
 Delta R.T. 0.00 min  
 Lab File: VF061075.D  
 Acq: 18 Dec 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 63      | 100   |       |       |
| 106     | 24.8  | 19.8  | 29.8  |





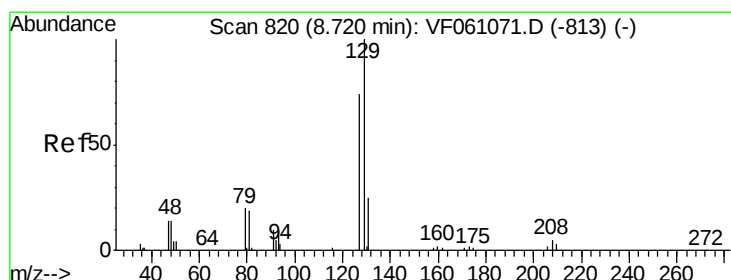
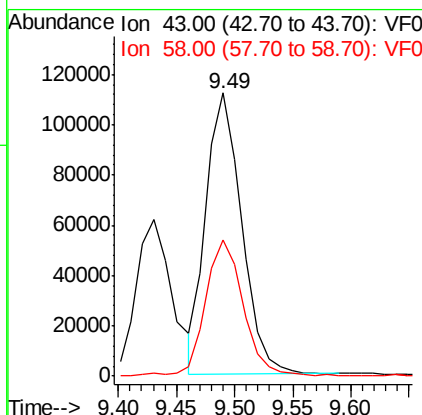
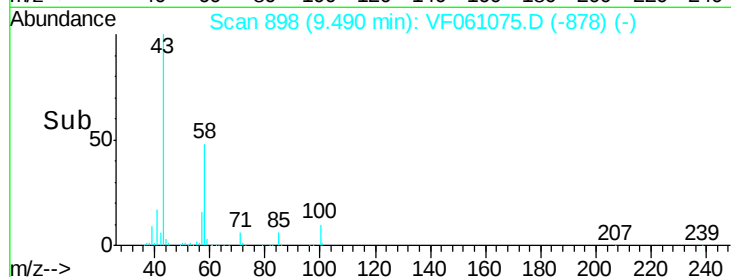
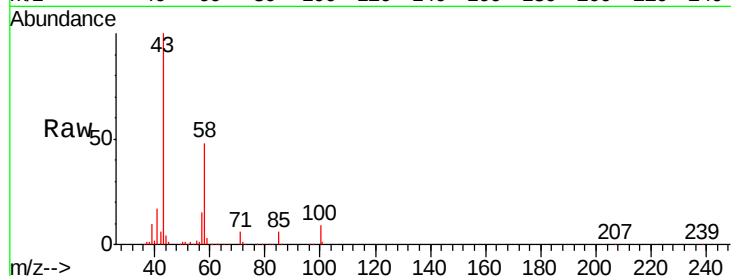
#59  
2-Hexanone  
Concen: 222.988 ug/l  
RT: 9.49 min Scan# 898  
Delta R.T. 0.00 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF121918

Tgt Ion: 43 Resp: 238945  
Ion Ratio Lower Upper  
43 100  
58 48.1 25.1 75.2

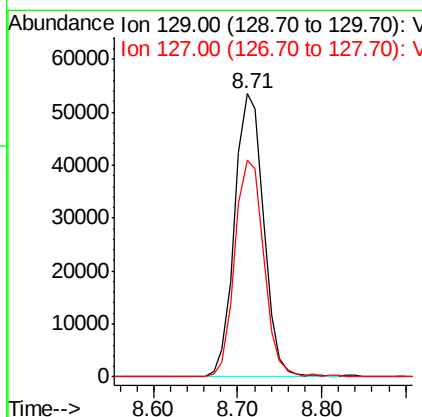
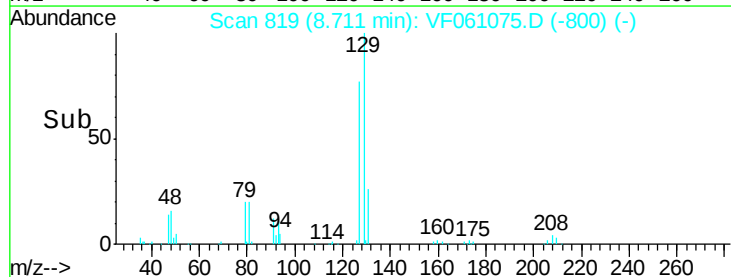
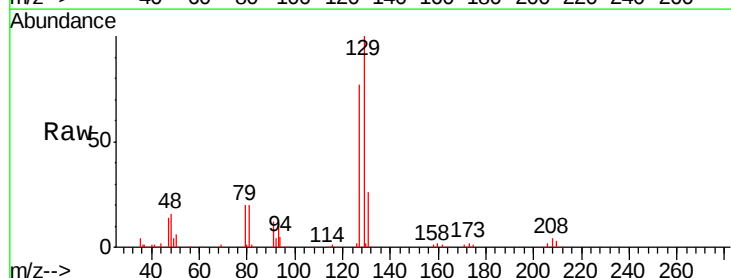
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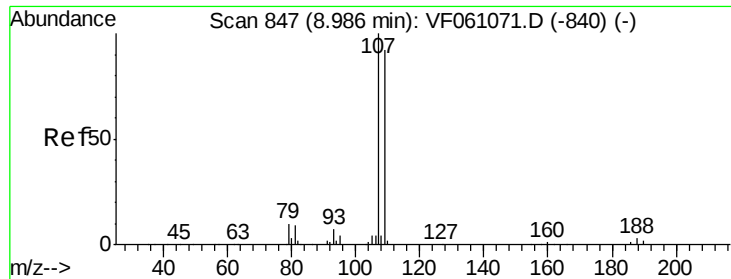
apatel  
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#60  
Dibromochloromethane  
Concen: 47.156 ug/l  
RT: 8.71 min Scan# 819  
Delta R.T. -0.01 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

Tgt Ion: 129 Resp: 129076  
Ion Ratio Lower Upper  
129 100  
127 76.7 36.8 110.3





#61

1,2-Dibromoethane

Concen: 47.194 ug/l

RT: 8.99 min Scan# 847

Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

Instrument :

MSVOA\_F

ClientSampleId :

ICVVF121918

Tgt Ion: 107 Resp: 96245

Ion Ratio Lower Upper

107 100

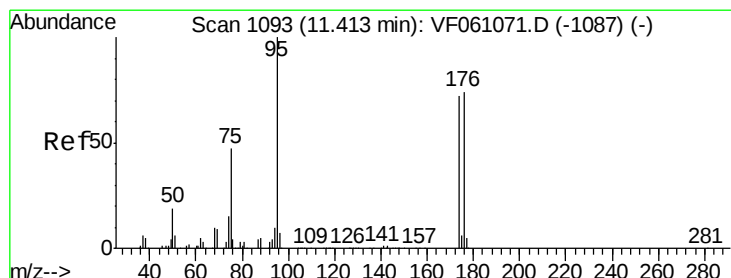
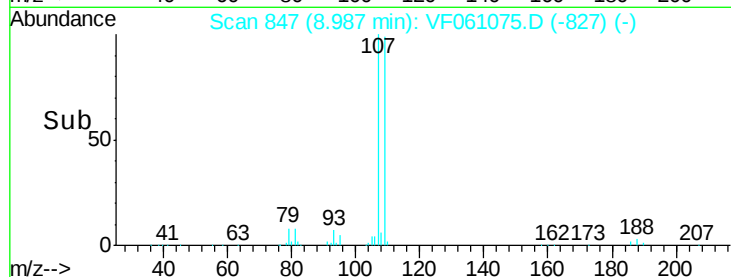
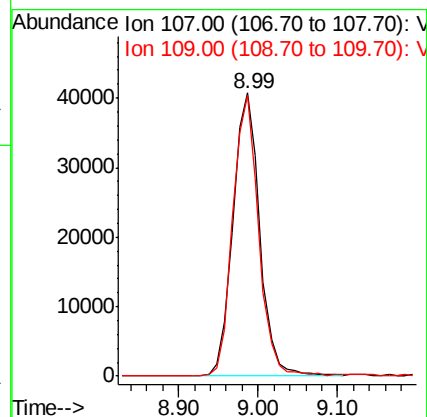
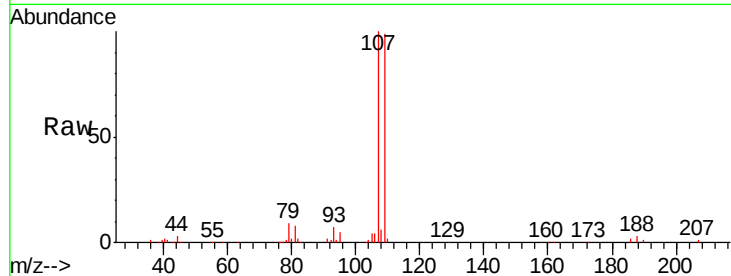
109 99.2 73.7 110.5

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 49.050 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

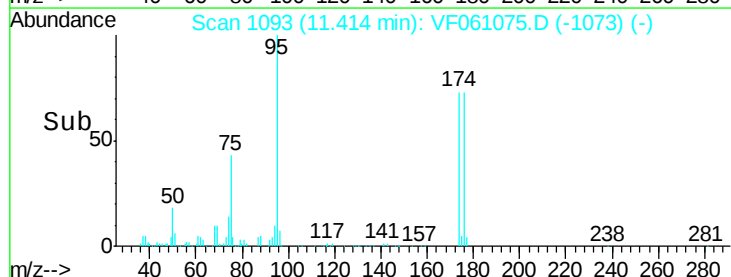
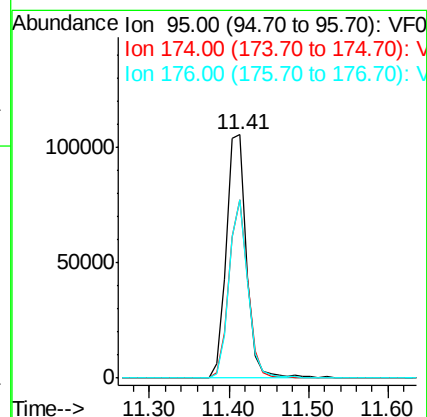
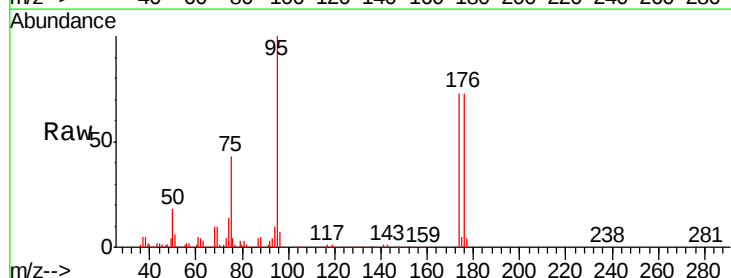
Tgt Ion: 95 Resp: 190287

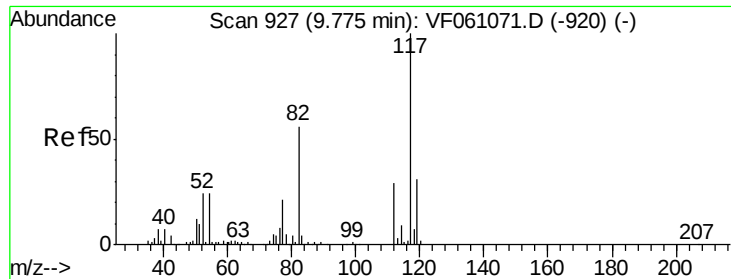
Ion Ratio Lower Upper

95 100

174 73.4 0.0 143.8

176 73.3 0.0 147.6





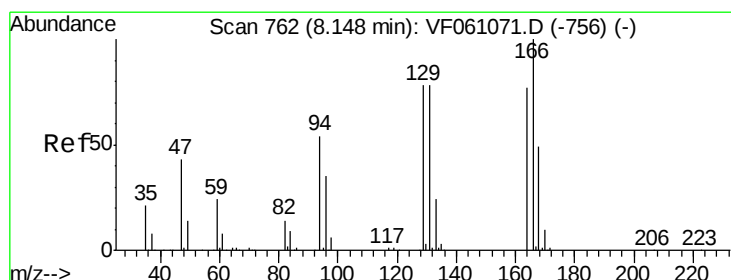
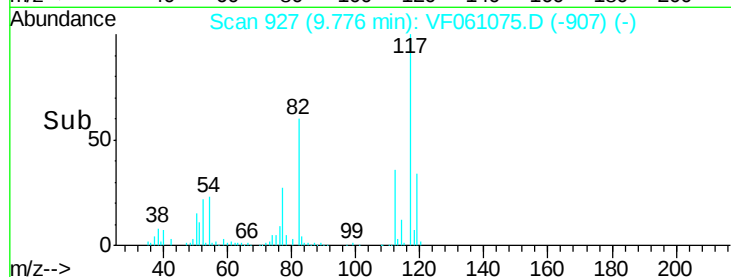
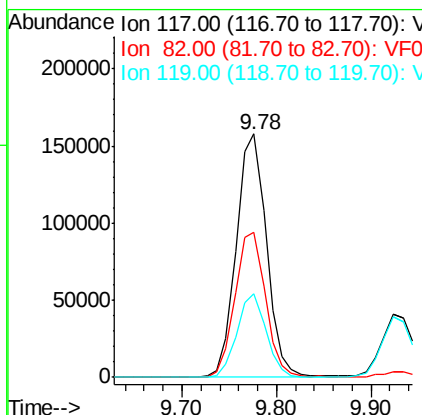
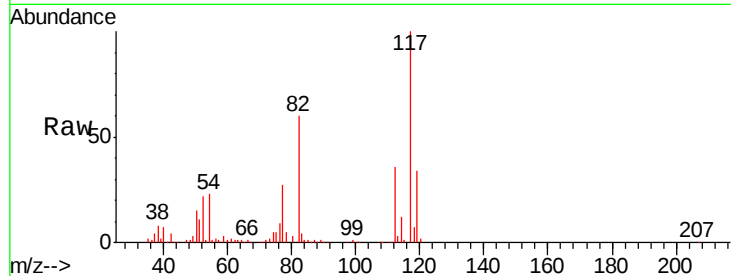
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.78 min Scan# 927  
Delta R.T. 0.00 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF121918

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 350302 |       |       |
| 82      | 59.8  | 45.0   | 67.4  |       |
| 119     | 34.3  | 24.8   | 37.2  |       |

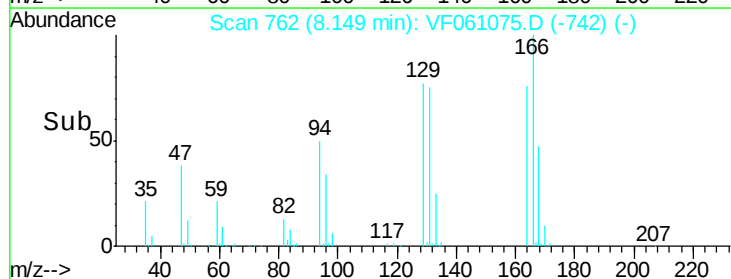
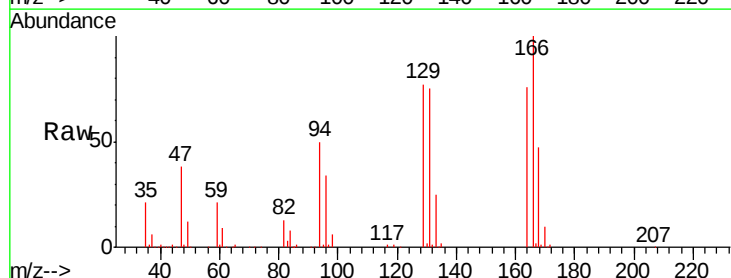
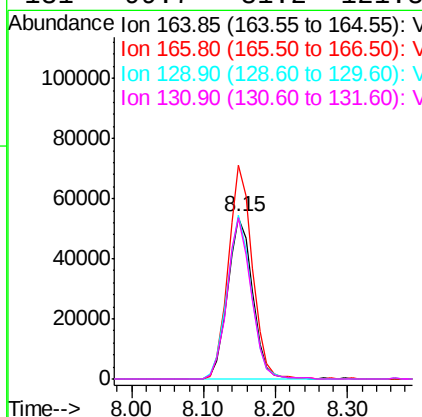
Manual Integrations  
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#64  
Tetrachloroethene  
Concen: 47.939 ug/l  
RT: 8.15 min Scan# 762  
Delta R.T. 0.00 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 164     | 100   | 129182 |       |       |
| 166     | 132.2 | 104.0  | 156.0 |       |
| 129     | 101.2 | 81.1   | 121.7 |       |
| 131     | 99.7  | 81.2   | 121.8 |       |





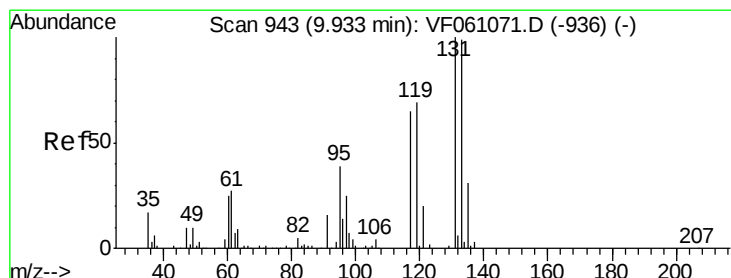
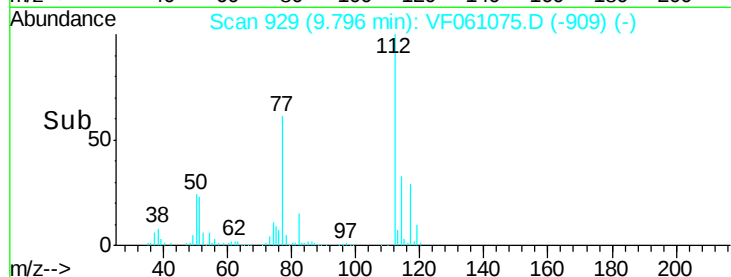
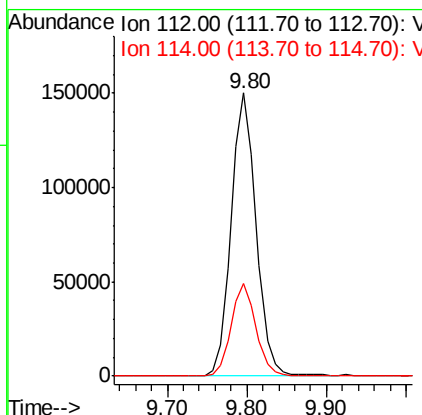
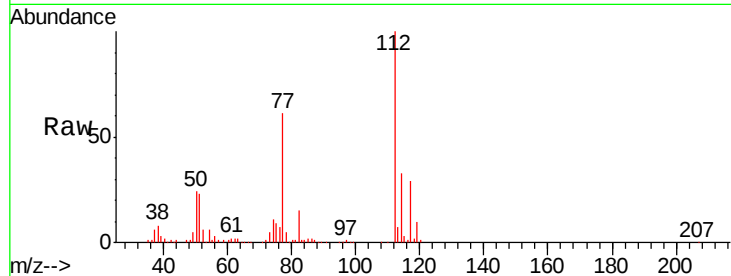
#65  
Chlorobenzene  
Concen: 45.725 ug/l  
RT: 9.80 min Scan# 929  
Delta R.T. 0.00 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF121918

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 112     | 100   | 330898 |       |       |
| 114     | 32.9  | 27.8   | 41.6  |       |

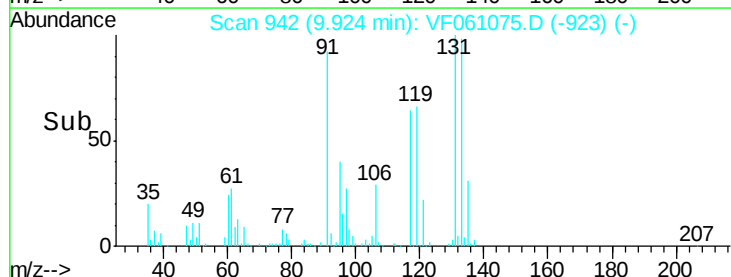
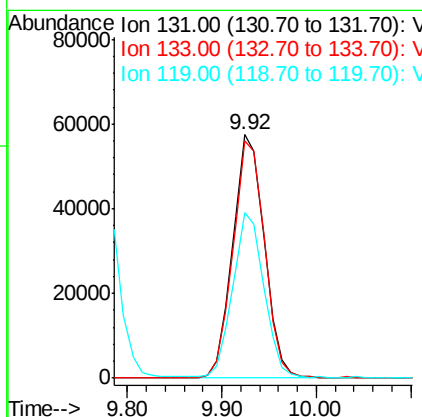
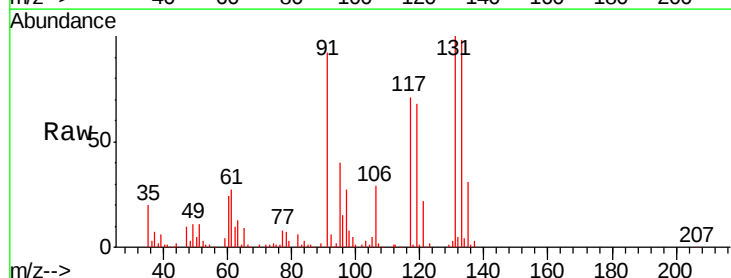
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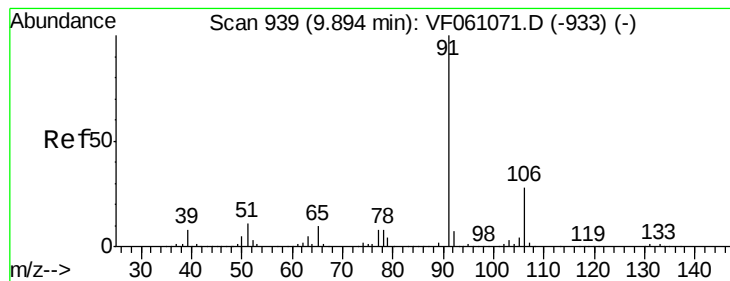
apatel  
12/20/2018 10:29:10 AM



#66  
1,1,1,2-Tetrachloroethane  
Concen: 45.062 ug/l  
RT: 9.92 min Scan# 942  
Delta R.T. -0.01 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 131     | 100   | 133264 |       |       |
| 133     | 97.6  | 49.5   | 148.7 |       |
| 119     | 68.2  | 34.5   | 103.5 |       |





#67

Ethyl Benzene

Concen: 46.922 ug/l

RT: 9.89 min Scan# 939

Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

Instrument :

MSVOA\_F

ClientSampleId :

ICVVF121918

Tgt Ion: 91 Resp: 618622

Ion Ratio Lower Upper

91 100

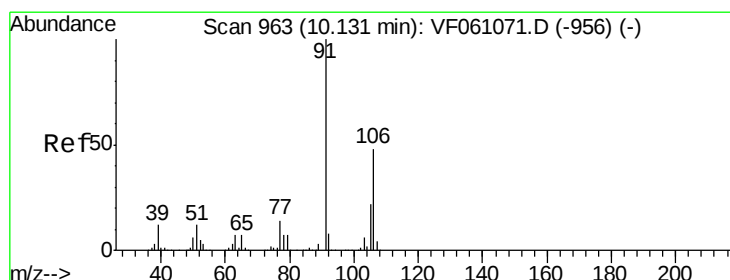
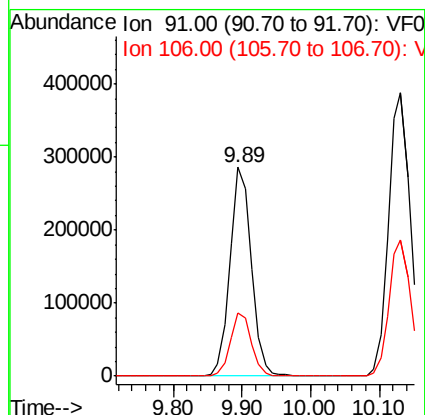
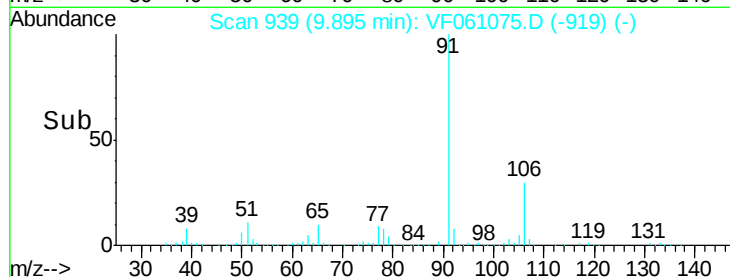
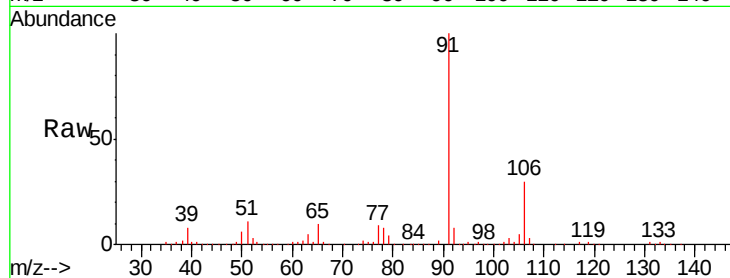
106 30.4 22.5 33.7

Manual Integrations

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#68

m/p-Xylenes

Concen: 87.907 ug/l

RT: 10.13 min Scan# 963

Delta R.T. 0.00 min

Lab File: VF061075.D

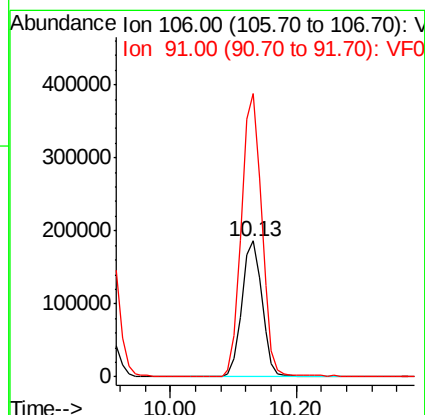
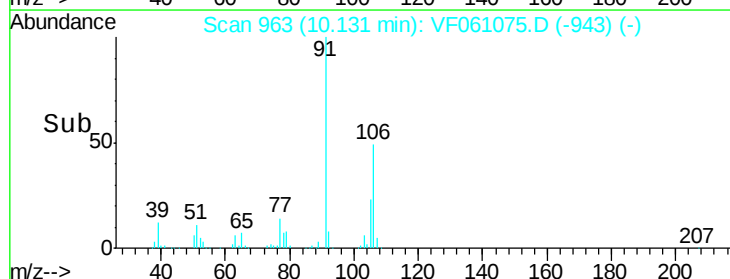
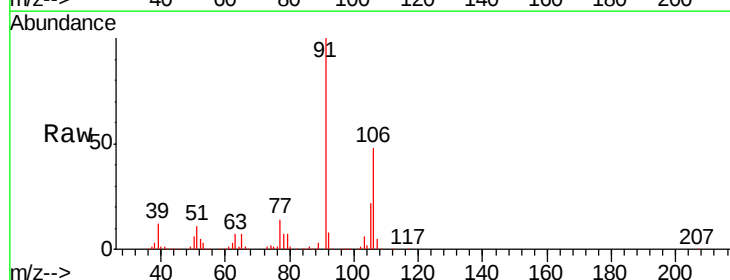
Acq: 18 Dec 2018 21:47

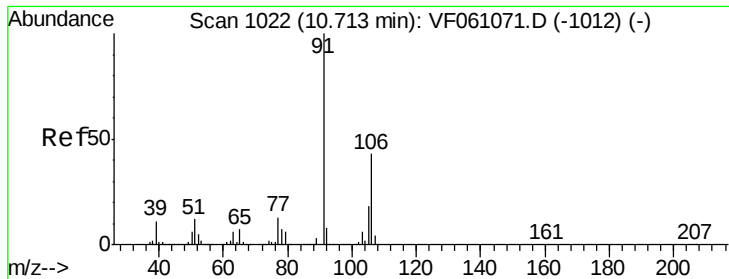
Tgt Ion: 106 Resp: 407869

Ion Ratio Lower Upper

106 100

91 208.6 168.2 252.2





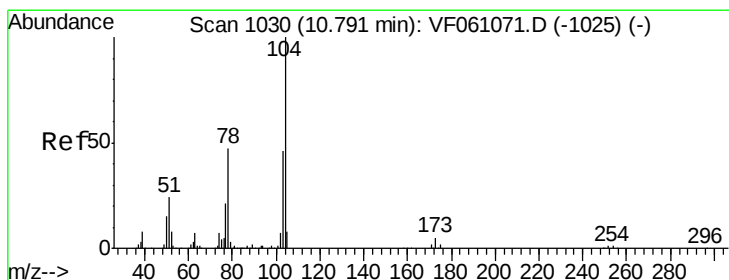
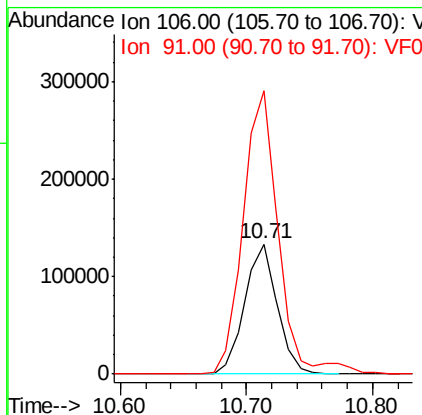
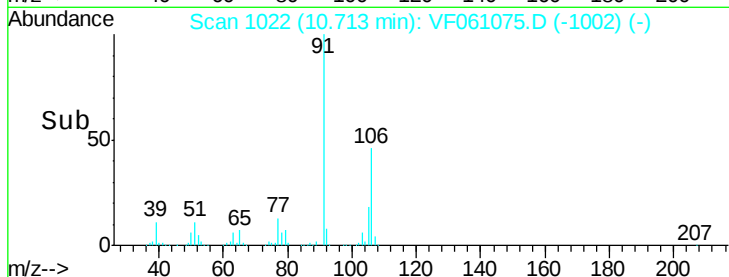
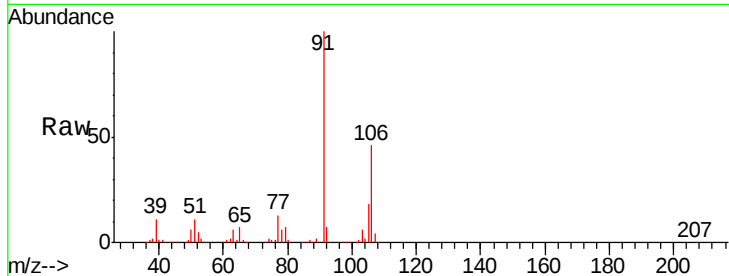
#69  
o-Xylene  
Concen: 46.702 ug/l  
RT: 10.71 min Scan# 1022  
Delta R.T. 0.00 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF121918

Tgt Ion:106 Resp: 240321  
Ion Ratio Lower Upper  
106 100  
91 217.4 115.9 347.7

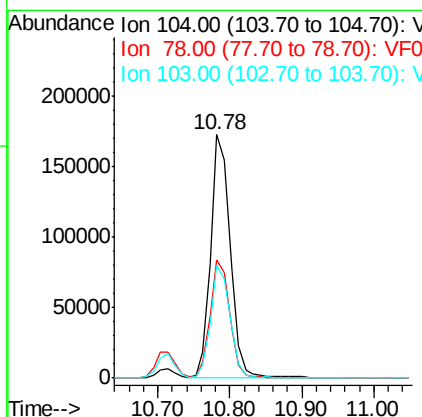
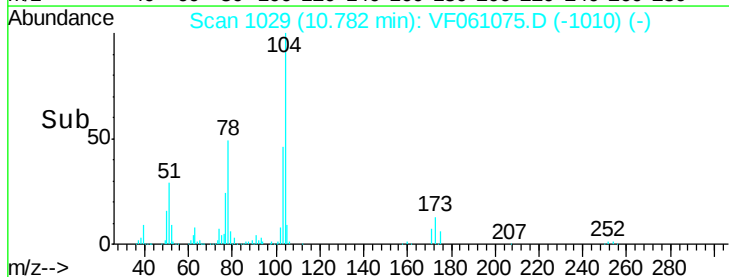
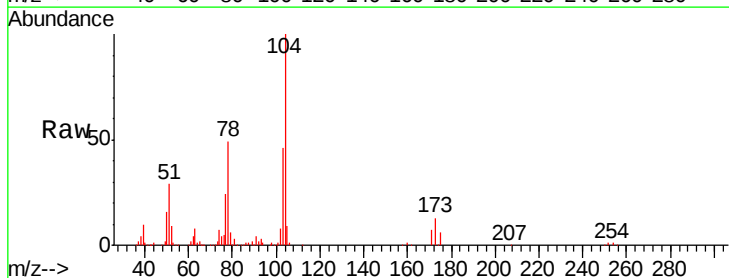
Manual Integrations  
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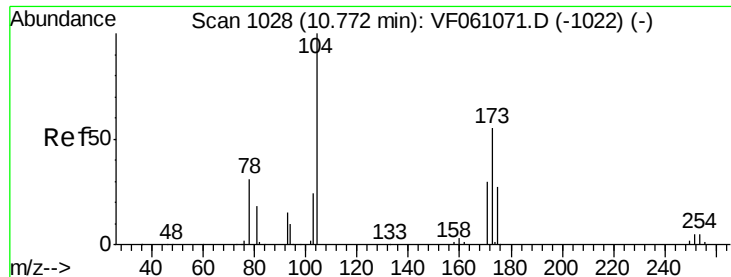
apatel  
12/20/2018 10:29:10 AM



#70  
Styrene  
Concen: 51.429 ug/l  
RT: 10.78 min Scan# 1029  
Delta R.T. -0.01 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

Tgt Ion:104 Resp: 321607  
Ion Ratio Lower Upper  
104 100  
78 48.6 38.4 57.6  
103 46.5 37.0 55.6





#71

Bromoform

Concen: 47.641 ug/l

RT: 10.77 min Scan# 1028

Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

Instrument :

MSVOA\_F

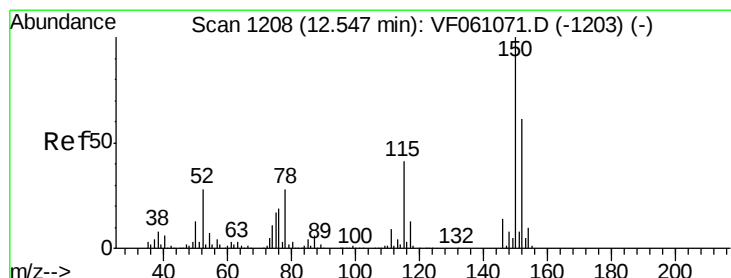
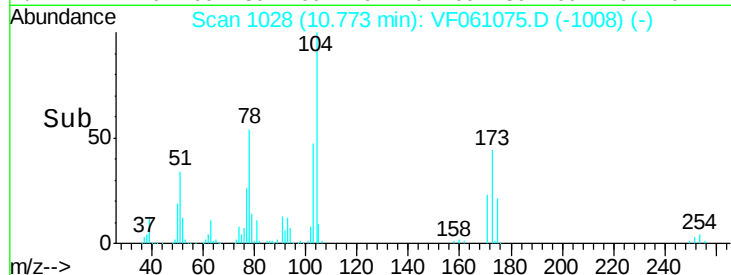
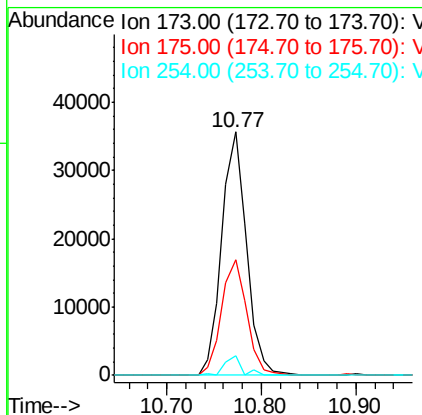
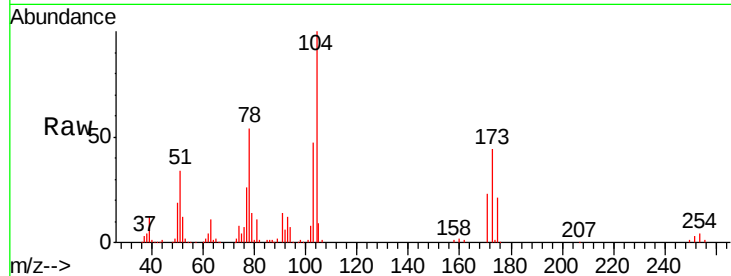
ClientSampleId :

ICVVF121918

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 173     | 100   | 65183 |       |       |
| 175     | 47.6  | 24.8  | 74.4  |       |
| 254     | 8.3   | 0.0   | 0.0   |       |

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

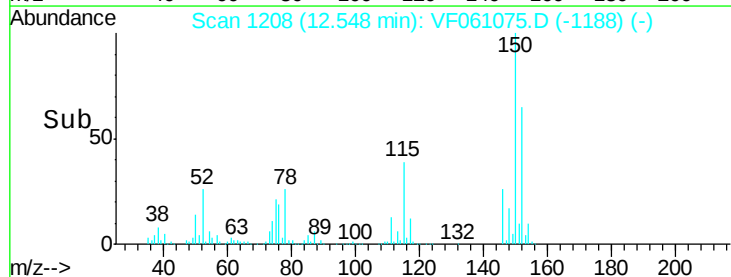
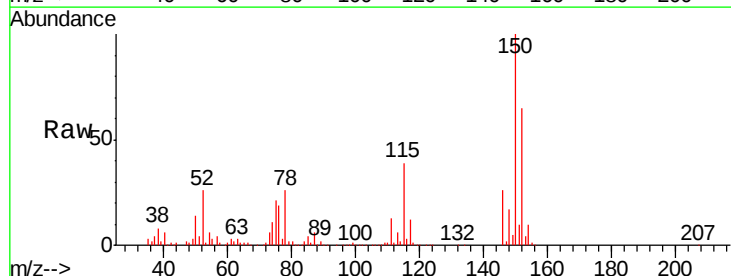
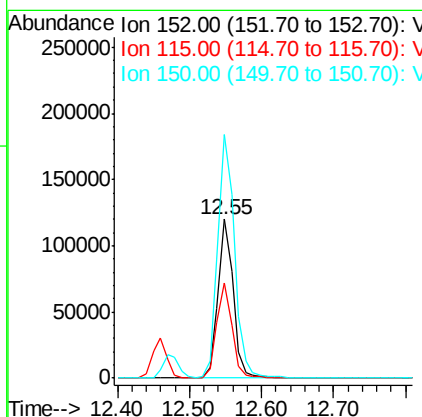
RT: 12.55 min Scan# 1208

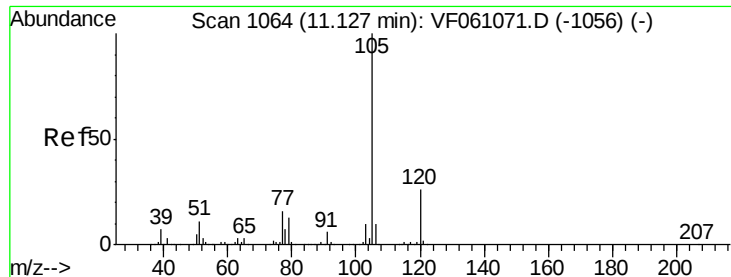
Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 152     | 100   | 173256 |       |       |
| 115     | 60.3  | 33.3   | 99.9  |       |
| 150     | 153.4 | 0.0    | 328.2 |       |





#73

Isopropylbenzene

Concen: 45.251 ug/l

RT: 11.12 min Scan# 1063

Delta R.T. -0.01 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

Instrument :

MSVOA\_F

ClientSampleId :

ICVVF121918

Tgt Ion: 105 Resp: 675620

Ion Ratio Lower Upper

105 100

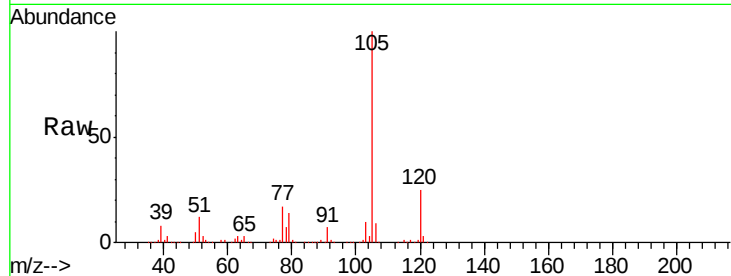
120 25.2 13.0 39.0

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

400000

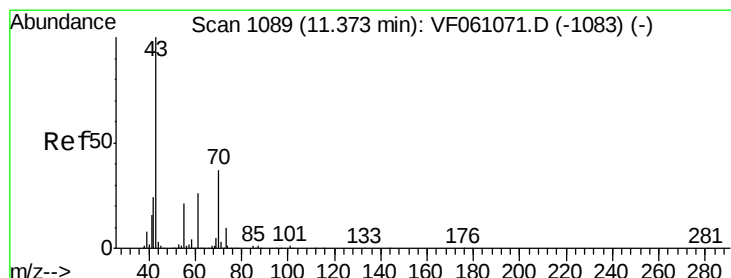
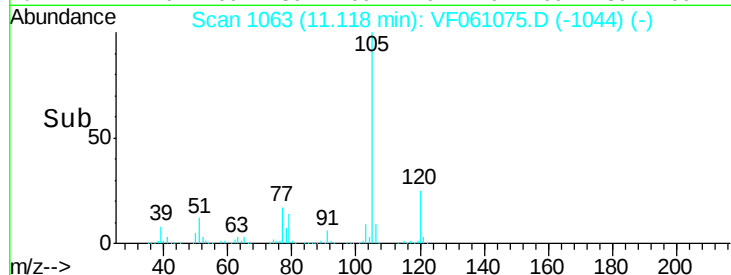
300000

200000

100000

0

Time-->



#74

N-ethyl acetate

Concen: 51.127 ug/l

RT: 11.37 min Scan# 1089

Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

Tgt Ion: 43 Resp: 169474

Ion Ratio Lower Upper

43 100

70 38.0 29.2 43.8

55 20.9 16.5 24.7

61 24.2 20.7 31.1

Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

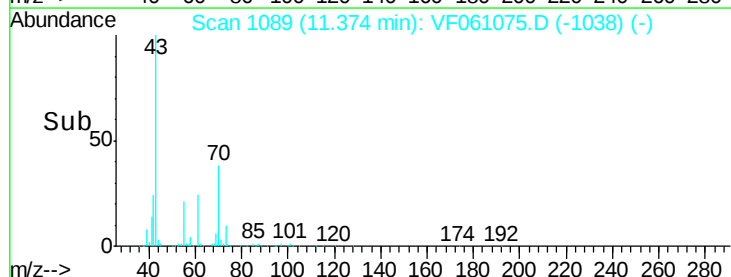
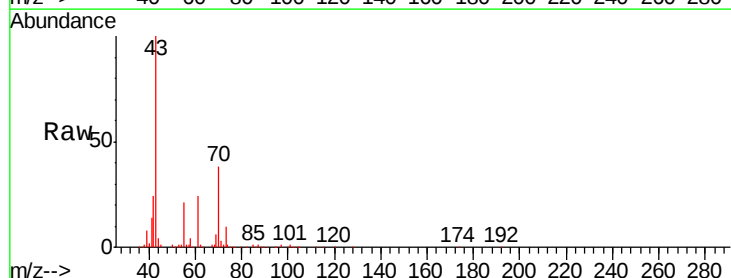
150000

100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 45.611 ug/l

RT: 11.69 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

Instrument :

MSVOA\_F

ClientSampleId :

ICVVF121918

Tgt Ion: 83 Resp: 113023  
Ion Ratio Lower Upper

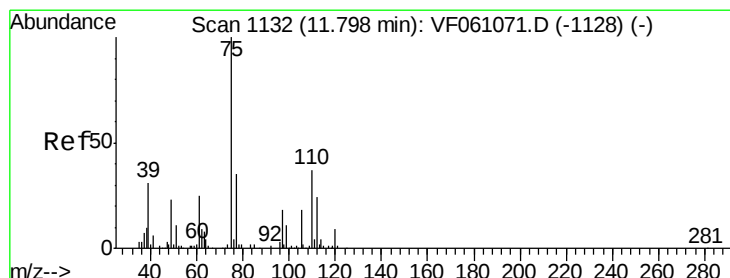
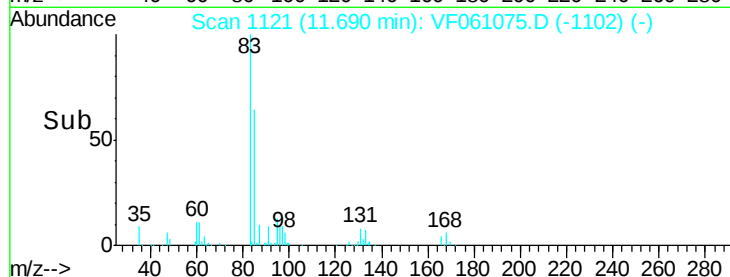
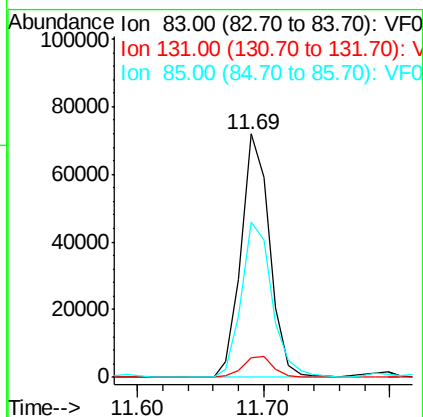
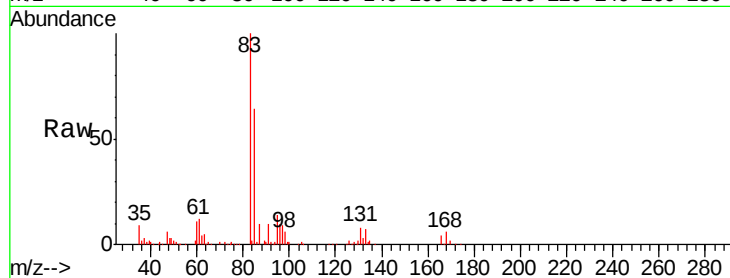
83 100

131 8.2 4.8 14.3

85 63.7 33.9 101.6

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#76

1,2,3-Trichloropropane

Concen: 43.849 ug/l

RT: 11.79 min Scan# 1131

Delta R.T. -0.01 min

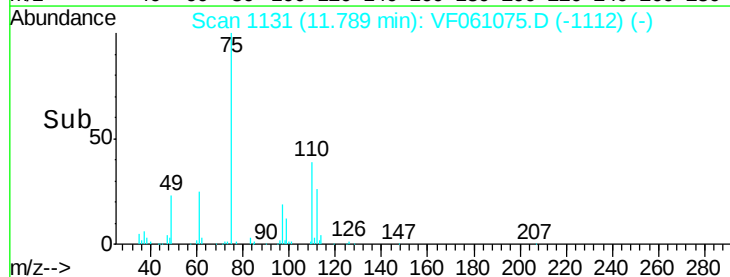
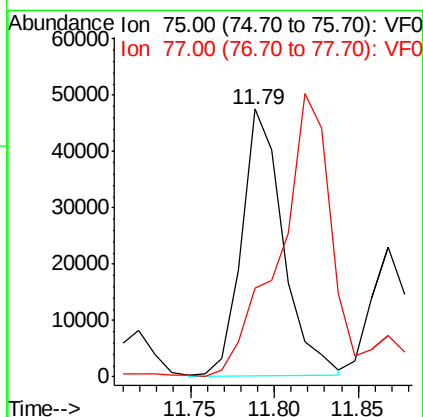
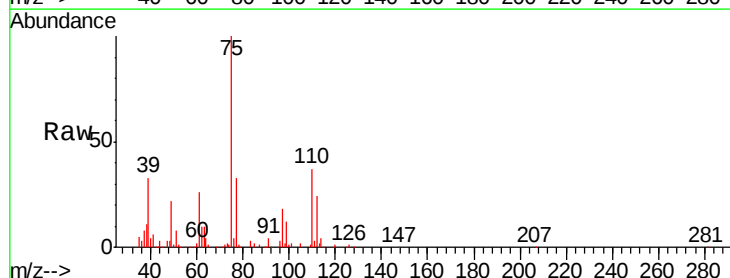
Lab File: VF061075.D

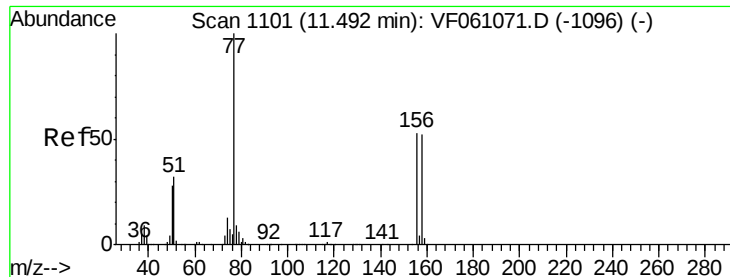
Acq: 18 Dec 2018 21:47

Tgt Ion: 75 Resp: 80862  
Ion Ratio Lower Upper

75 100

77 33.3 17.6 52.9





#77

Bromobenzene

Concen: 46.321 ug/l

RT: 11.49 min Scan# 1101

Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

Instrument :

MSVOA\_F

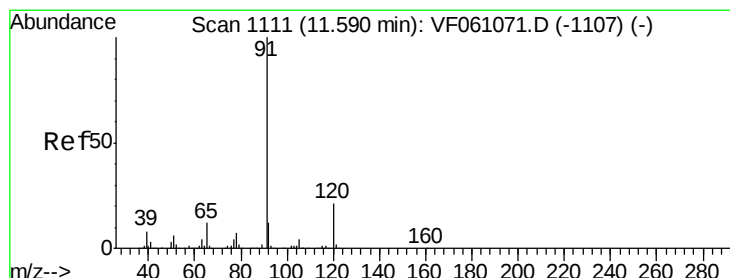
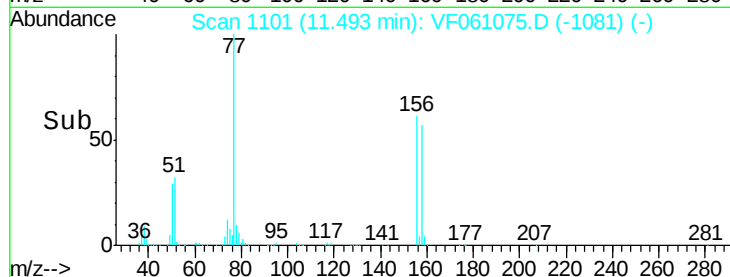
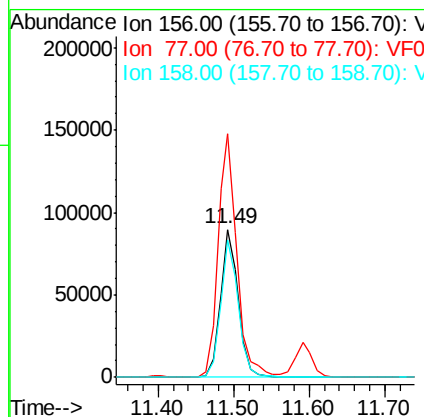
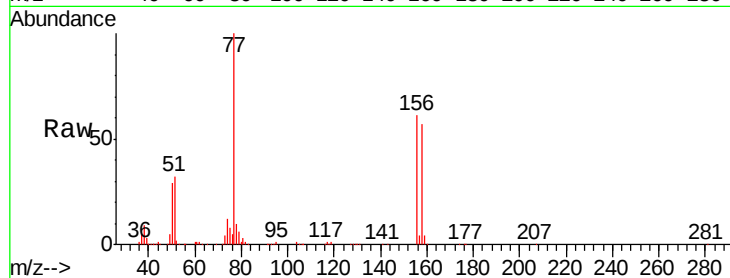
ClientSampleId :

ICVVF121918

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 156     | 100   |       |       |
| 77      | 164.9 | 93.8  | 281.4 |
| 158     | 93.2  | 48.9  | 146.8 |

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#78

n-propylbenzene

Concen: 45.661 ug/l

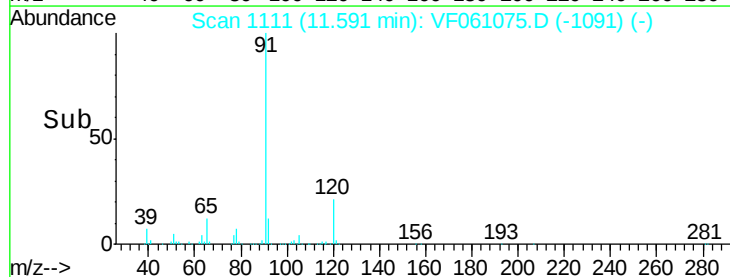
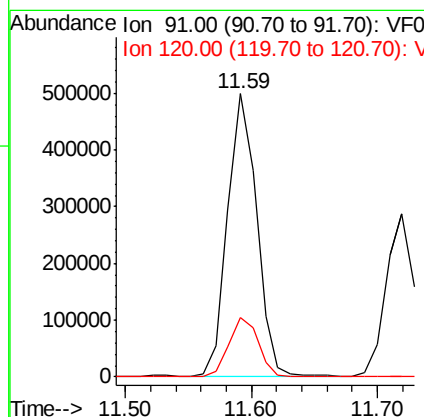
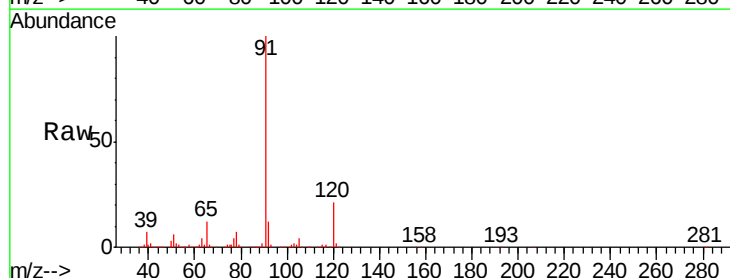
RT: 11.59 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 120     | 21.2  | 10.4  | 31.2  |





#79

2-Chlorotoluene

Concen: 43.905 ug/l

RT: 11.72 min Scan# 1124

Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

Instrument :

MSVOA\_F

ClientSampleId :

ICVVF121918

Tgt Ion: 91 Resp: 449682

Ion Ratio Lower Upper

91 100

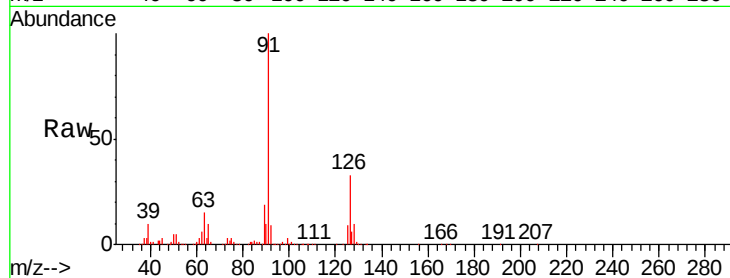
126 32.6 16.4 49.1

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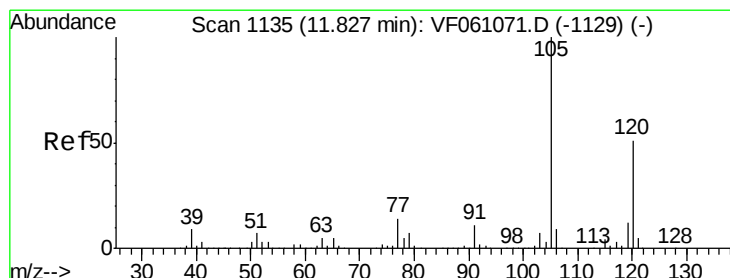
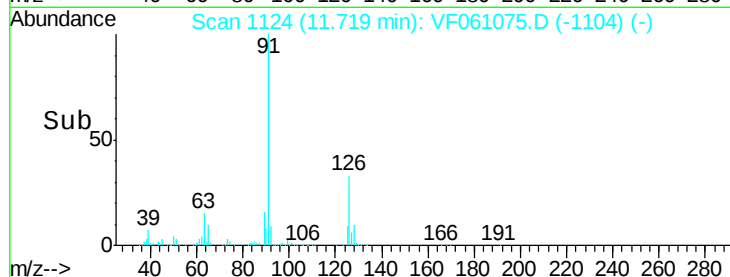
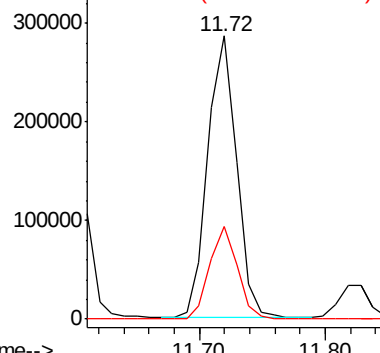
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Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#80

1,3,5-Trimethylbenzene

Concen: 43.931 ug/l

RT: 11.82 min Scan# 1134

Delta R.T. -0.01 min

Lab File: VF061075.D

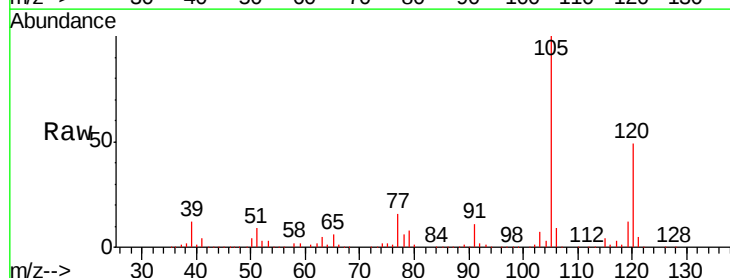
Acq: 18 Dec 2018 21:47

Tgt Ion: 105 Resp: 540089

Ion Ratio Lower Upper

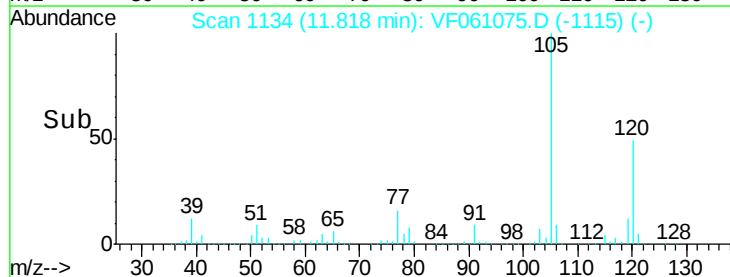
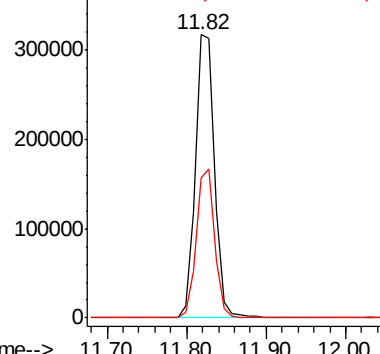
105 100

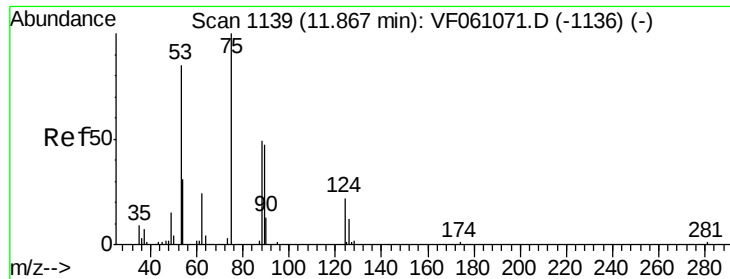
120 49.3 25.4 76.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 47.287 ug/l m

RT: 11.87 min Scan# 1139

Delta R.T. 0.00 min

Lab File: VF061075.D

Acq: 18 Dec 2018 21:47

Instrument :

MSVOA\_F

ClientSampleId :

ICVVF121918

Tgt Ion: 75 Resp: 37471  
Ion Ratio Lower Upper

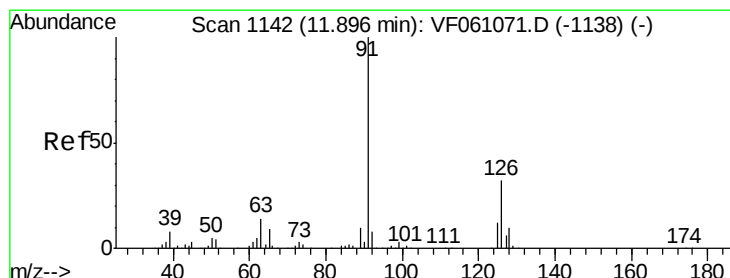
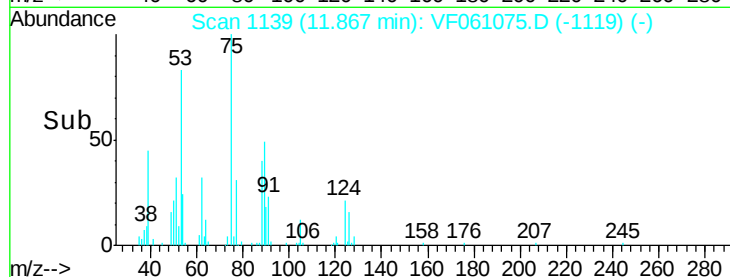
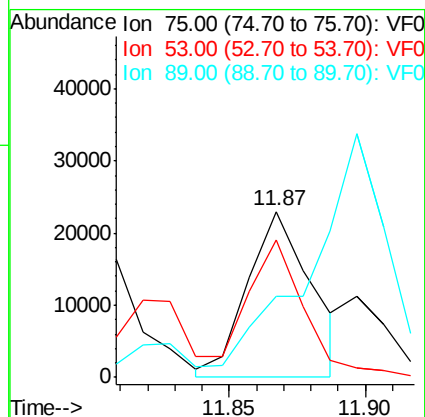
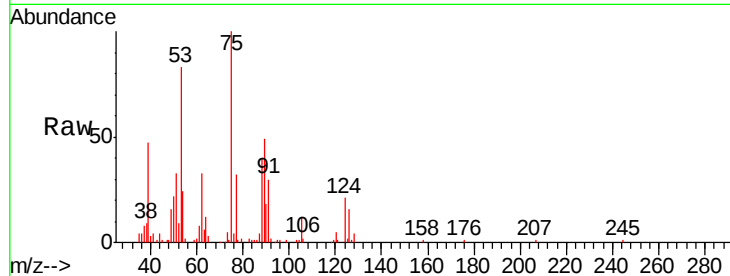
75 100

53 82.9 74.1 111.1

89 48.8 42.6 64.0

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#82

4-Chlorotoluene

Concen: 42.519 ug/l

RT: 11.90 min Scan# 1142

Delta R.T. 0.00 min

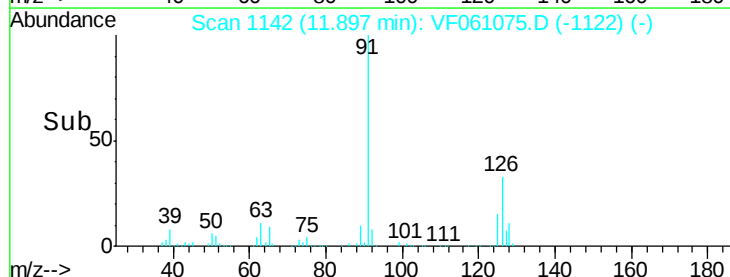
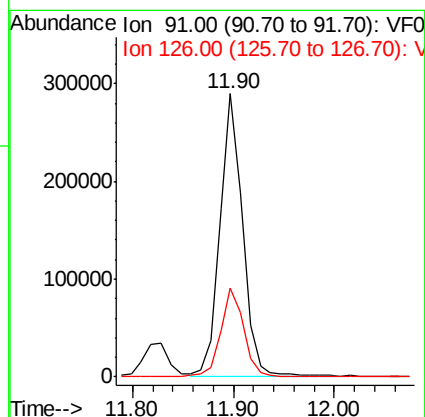
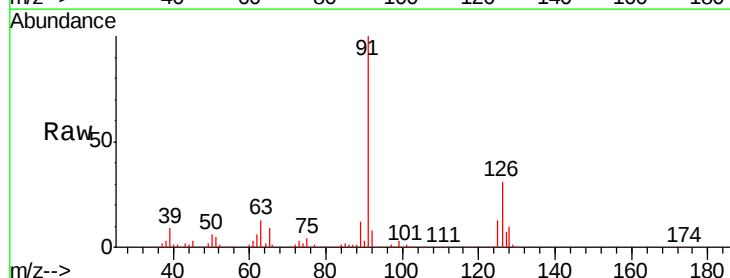
Lab File: VF061075.D

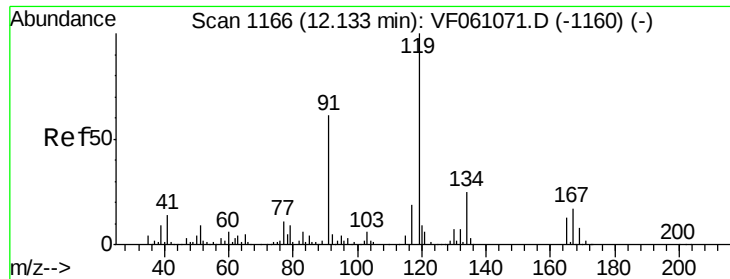
Acq: 18 Dec 2018 21:47

Tgt Ion: 91 Resp: 450508  
Ion Ratio Lower Upper

91 100

126 31.3 16.0 47.9





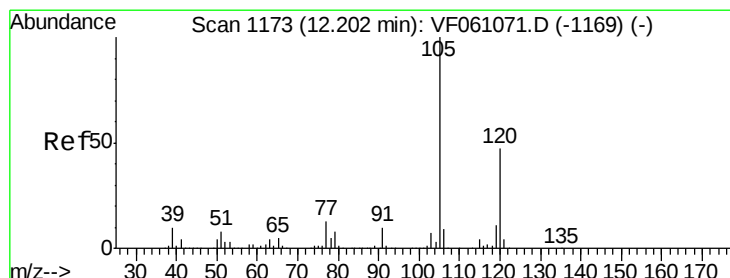
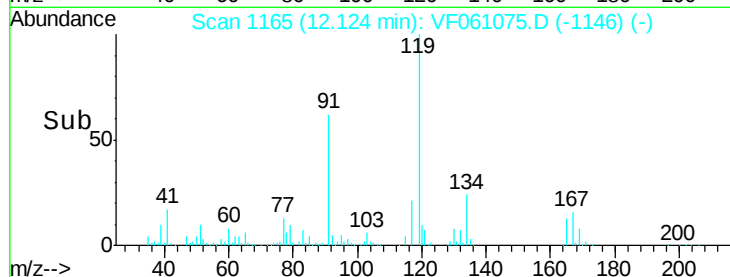
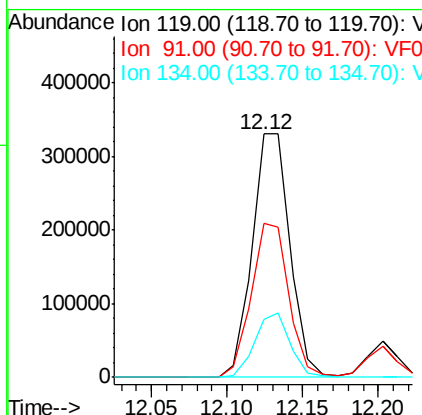
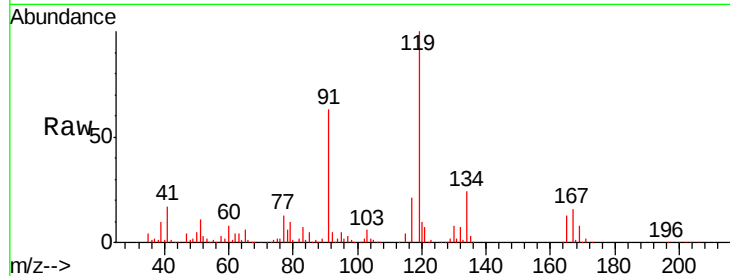
#83  
tert-Butylbenzene  
Concen: 45.724 ug/l  
RT: 12.12 min Scan# 1165  
Delta R.T. -0.01 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF121918

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 578454 |       |       |
| 91      | 63.1  | 30.5   | 91.5  |       |
| 134     | 23.8  | 12.4   | 37.4  |       |

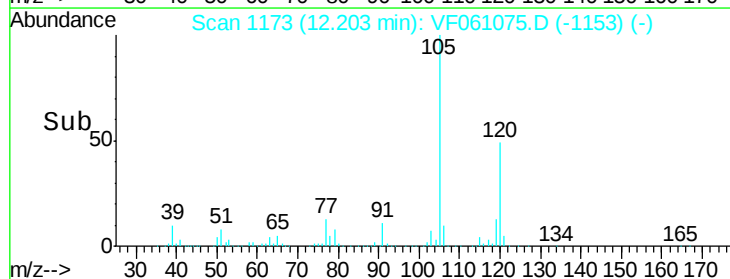
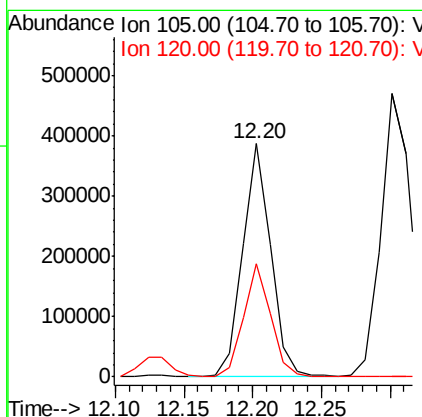
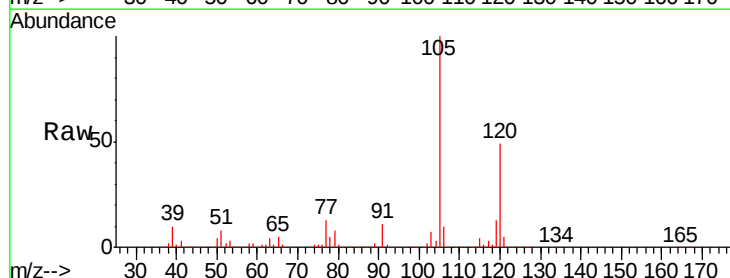
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#84  
1,2,4-Trimethylbenzene  
Concen: 45.074 ug/l  
RT: 12.20 min Scan# 1173  
Delta R.T. 0.00 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 552602 |       |       |
| 120     | 48.6  | 23.6   | 71.0  |       |





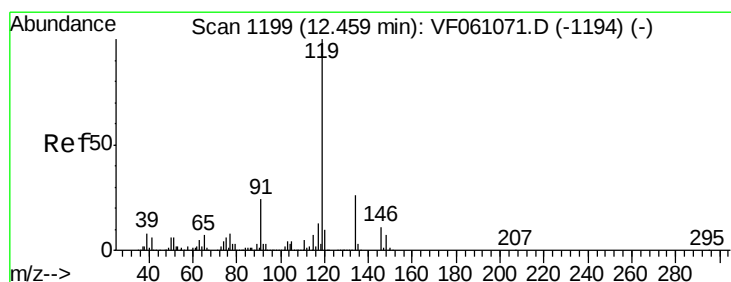
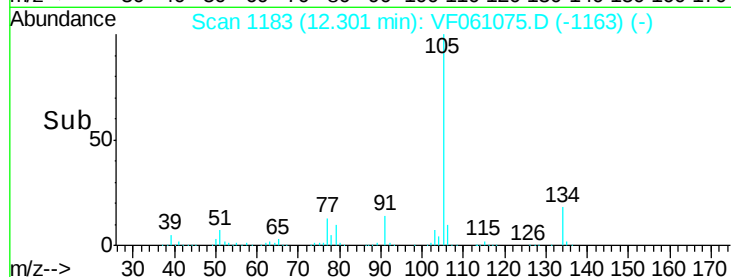
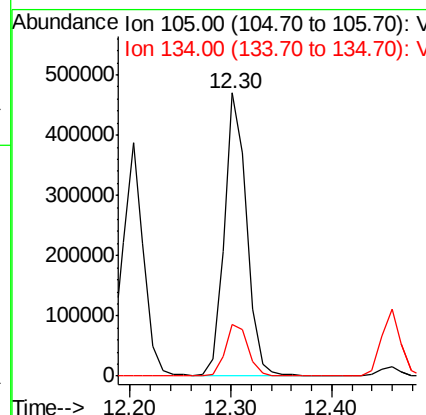
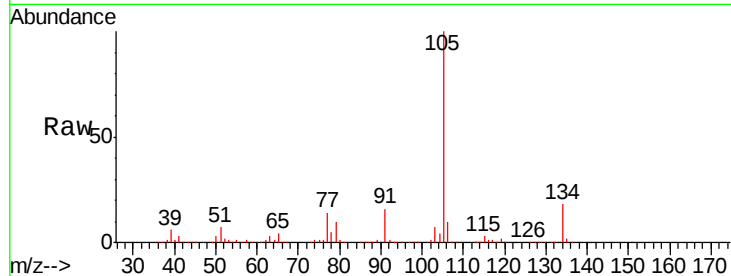
#85  
 sec-Butylbenzene  
 Concen: 43.676 ug/l  
 RT: 12.30 min Scan# 1183  
 Delta R.T. 0.00 min  
 Lab File: VF061075.D  
 Acq: 18 Dec 2018 21:47

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 ICVVF121918

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 721076 |       |       |
| 134     | 18.4  | 9.4    | 28.2  |       |

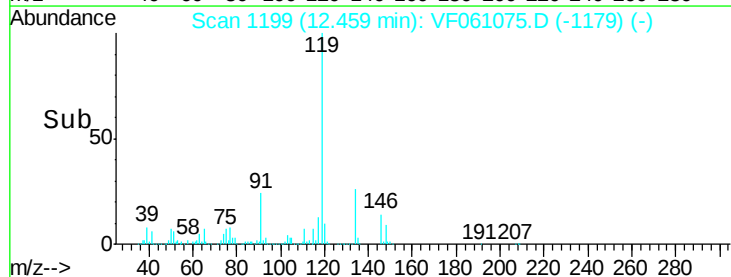
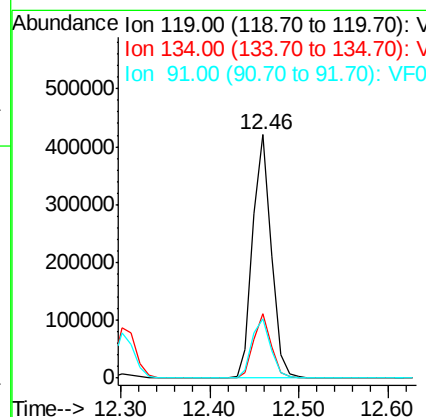
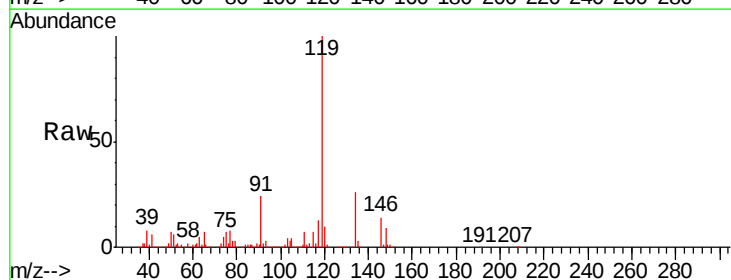
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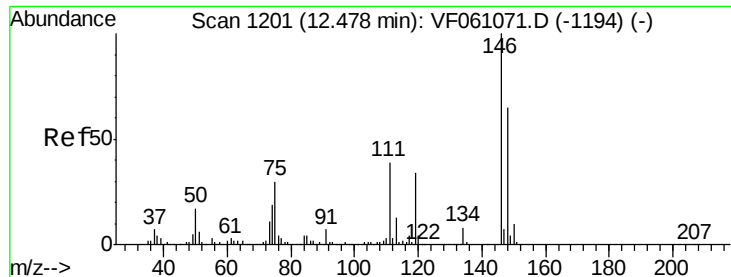
apatel  
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#86  
 p-Isopropyltoluene  
 Concen: 44.308 ug/l  
 RT: 12.46 min Scan# 1199  
 Delta R.T. 0.00 min  
 Lab File: VF061075.D  
 Acq: 18 Dec 2018 21:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 607187 |       |       |
| 134     | 26.4  | 12.8   | 38.4  |       |
| 91      | 24.5  | 12.2   | 36.6  |       |





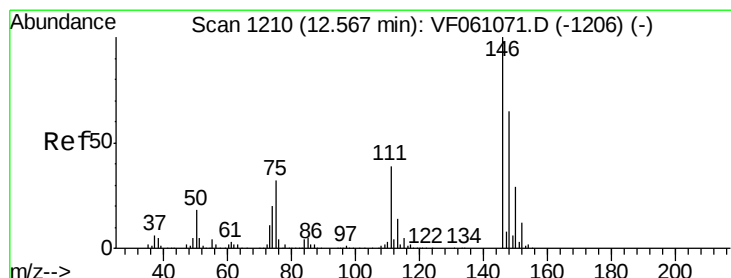
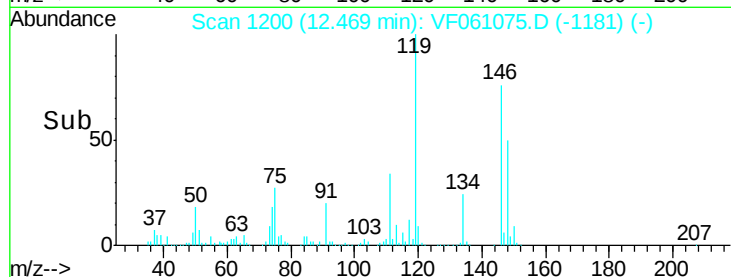
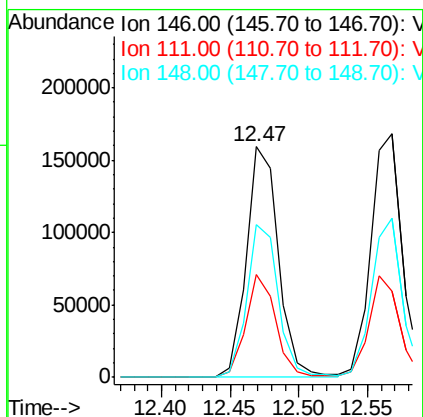
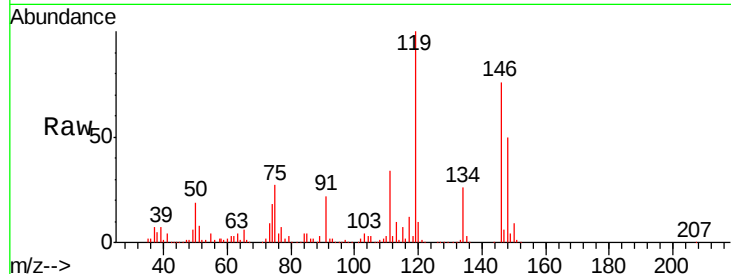
#87  
 1,3-Dichlorobenzene  
 Concen: 49.481 ug/l  
 RT: 12.47 min Scan# 1200  
 Delta R.T. -0.01 min  
 Lab File: VF061075.D  
 Acq: 18 Dec 2018 21:47

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 ICVVF121918

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 259830 |       |       |
| 111     | 44.7  | 19.3   | 57.9  |       |
| 148     | 66.1  | 32.4   | 97.2  |       |

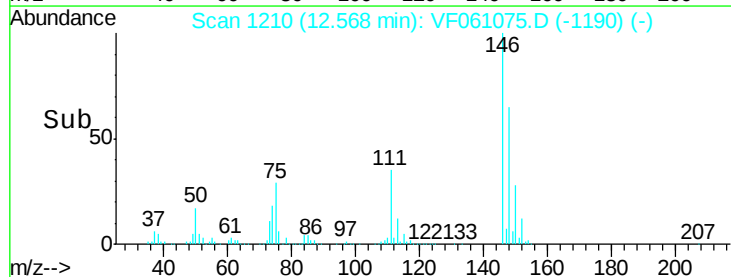
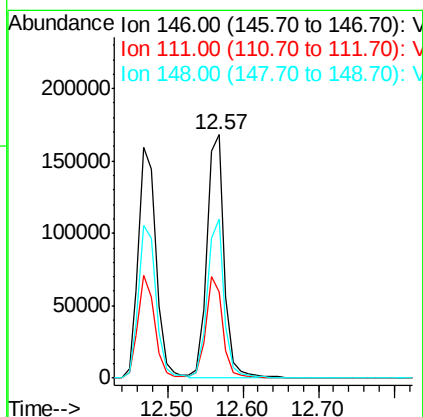
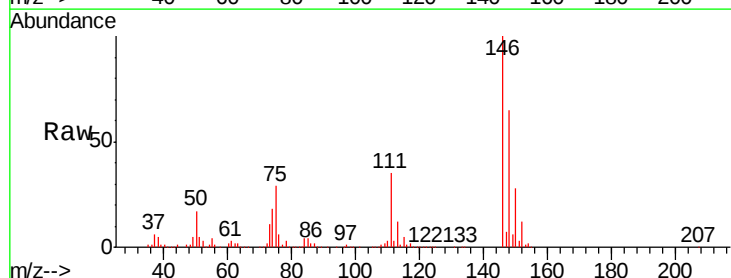
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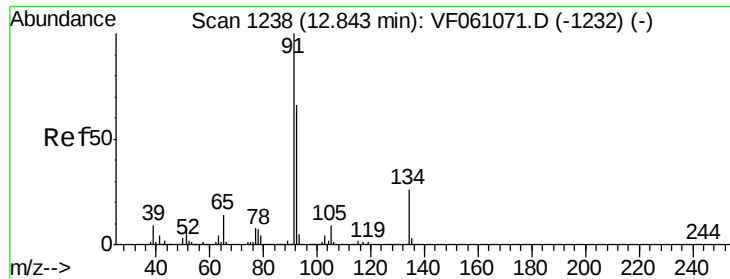
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 12/20/2018 10:29:10 AM



#88  
 1,4-Dichlorobenzene  
 Concen: 45.904 ug/l  
 RT: 12.57 min Scan# 1210  
 Delta R.T. 0.00 min  
 Lab File: VF061075.D  
 Acq: 18 Dec 2018 21:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 270912 |       |       |
| 111     | 35.5  | 19.4   | 58.4  |       |
| 148     | 65.2  | 32.4   | 97.0  |       |





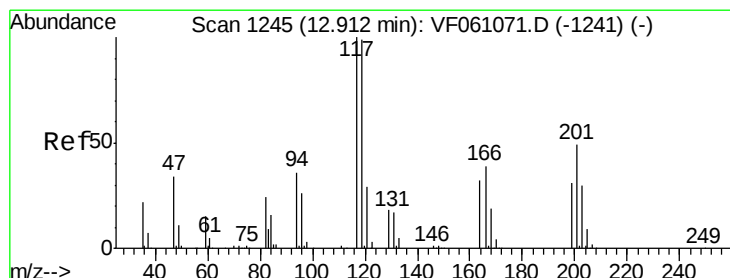
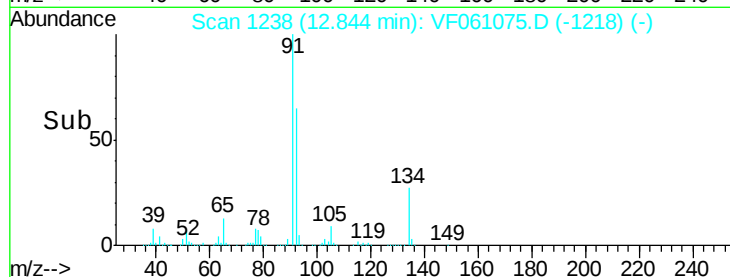
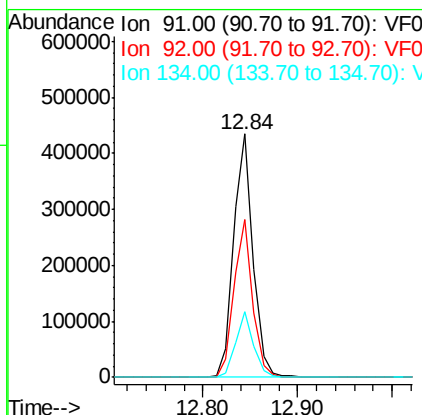
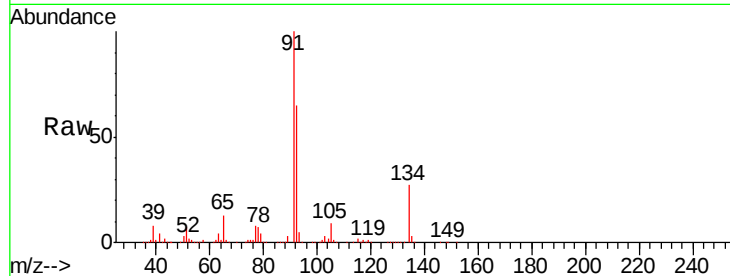
#89  
n-Butylbenzene  
Concen: 42.902 ug/l  
RT: 12.84 min Scan# 1238  
Delta R.T. 0.00 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF121918

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 64.7  | 32.8  | 98.4  |
| 134     | 26.9  | 13.2  | 39.5  |

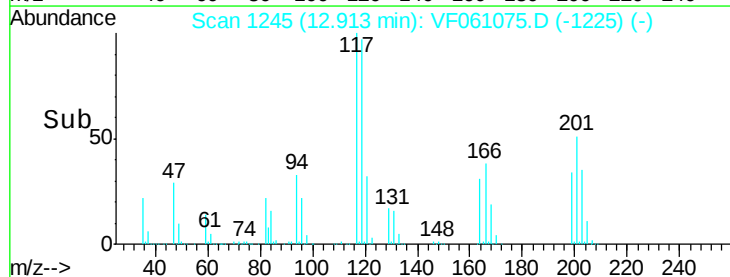
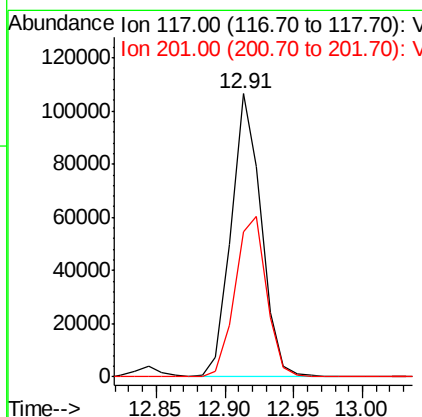
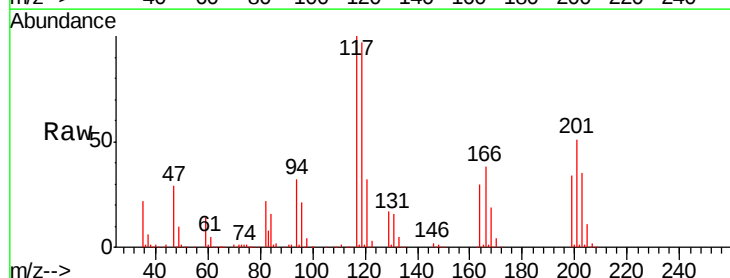
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#90  
Hexachloroethane  
Concen: 47.840 ug/l  
RT: 12.91 min Scan# 1245  
Delta R.T. 0.00 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 51.3  | 24.9  | 74.8  |





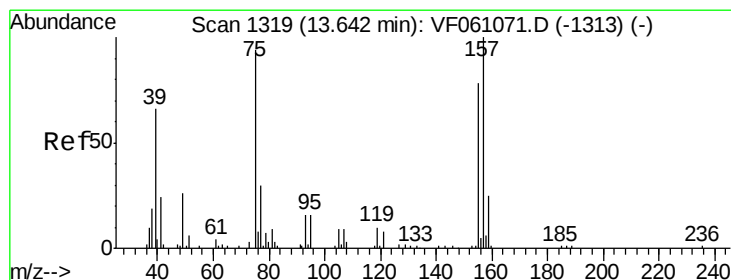
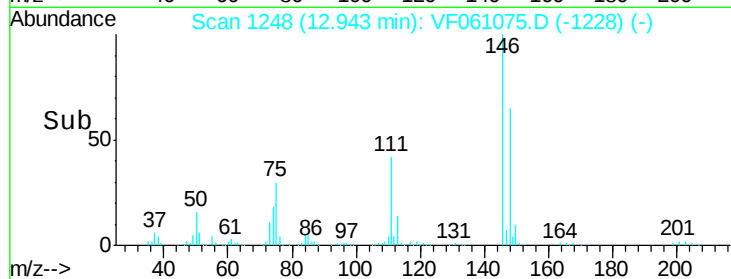
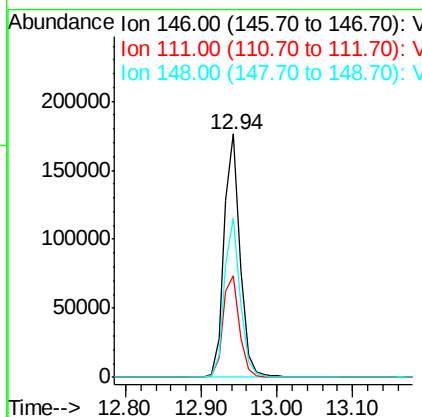
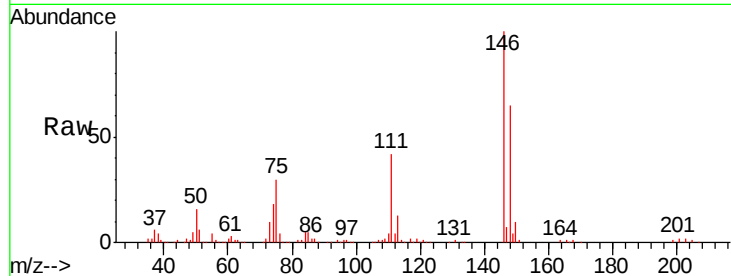
#91  
 1,2-Dichlorobenzene  
 Concen: 44.899 ug/l  
 RT: 12.94 min Scan# 1248  
 Delta R.T. 0.00 min  
 Lab File: VF061075.D  
 Acq: 18 Dec 2018 21:47

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 ICVVF121918

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 146     | 100   | 257983 |       |       |
| 111     | 41.6  | 23.2   | 69.5  |       |
| 148     | 65.1  | 32.4   | 97.0  |       |

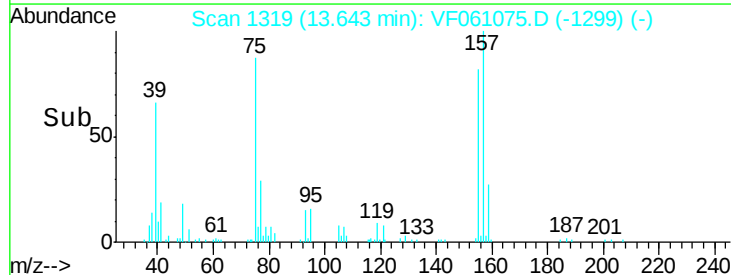
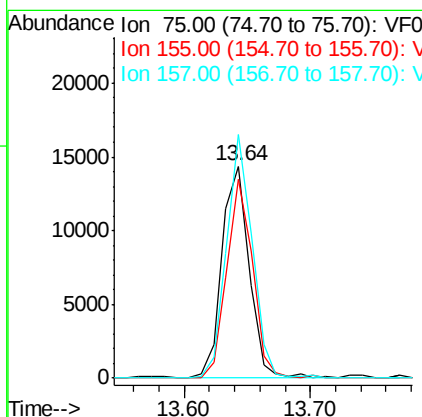
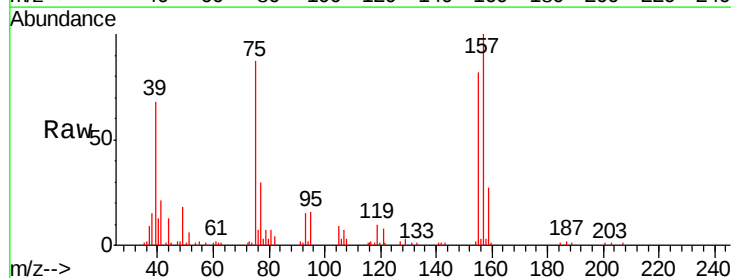
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 47.472 ug/l  
 RT: 13.64 min Scan# 1319  
 Delta R.T. 0.00 min  
 Lab File: VF061075.D  
 Acq: 18 Dec 2018 21:47

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 21586 |       |       |
| 155     | 94.1  | 41.5  | 124.5 |       |
| 157     | 115.1 | 53.2  | 159.6 |       |





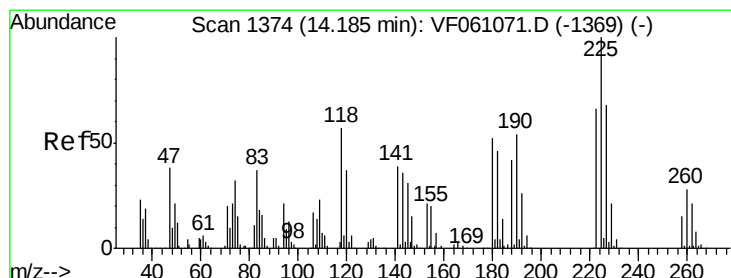
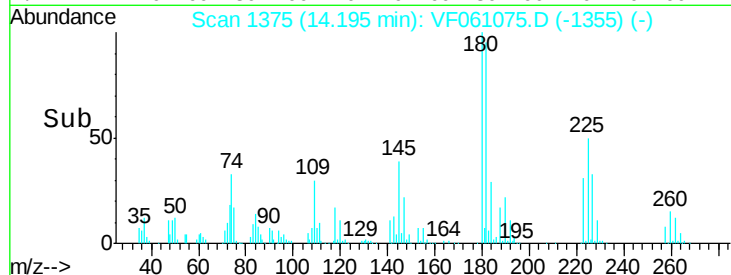
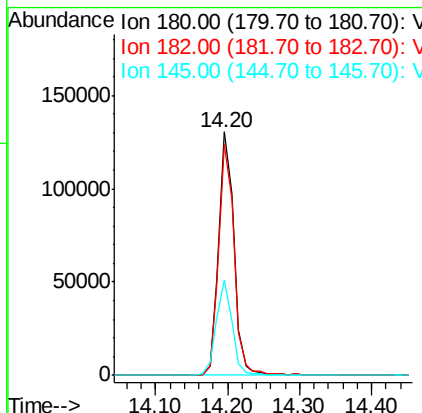
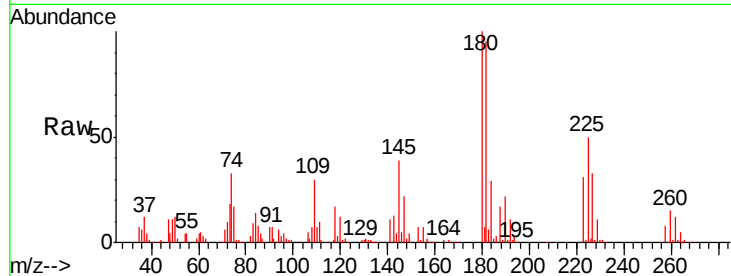
#93  
 1,2,4-Trichlorobenzene  
 Concen: 46.813 ug/l  
 RT: 14.20 min Scan# 1375  
 Delta R.T. 0.00 min  
 Lab File: VF061075.D  
 Acq: 18 Dec 2018 21:47

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 ICVVF121918

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 190758 |       |       |
| 182     | 95.0  | 46.9   | 140.6 |       |
| 145     | 39.2  | 20.5   | 61.6  |       |

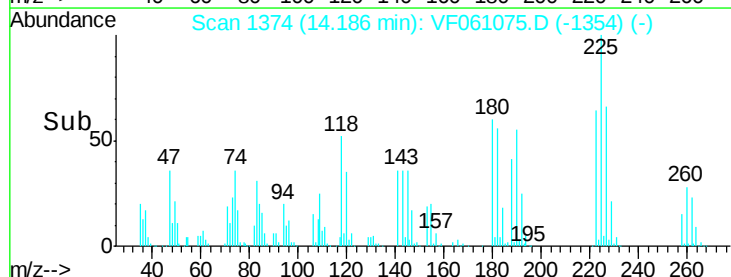
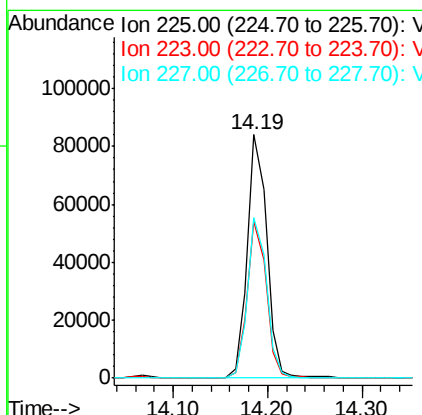
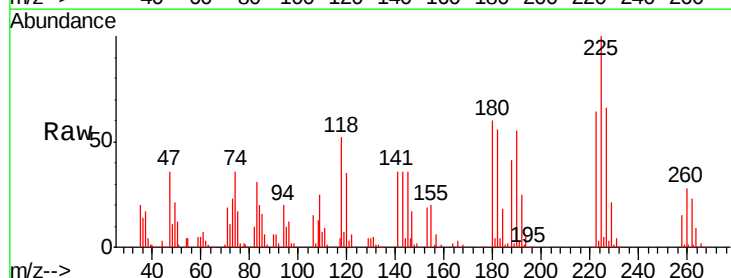
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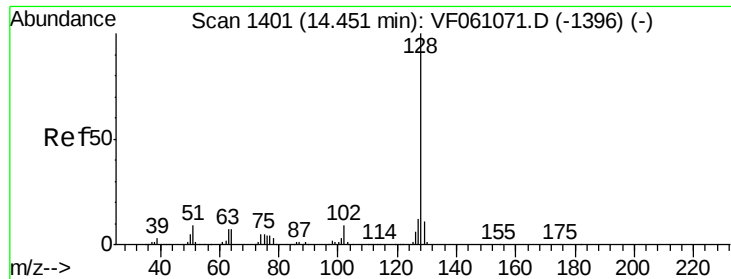
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#94  
 Hexachlorobutadiene  
 Concen: 46.465 ug/l  
 RT: 14.19 min Scan# 1374  
 Delta R.T. 0.00 min  
 Lab File: VF061075.D  
 Acq: 18 Dec 2018 21:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 225     | 100   | 120593 |       |       |
| 223     | 64.3  | 32.8   | 98.3  |       |
| 227     | 66.0  | 34.0   | 101.8 |       |





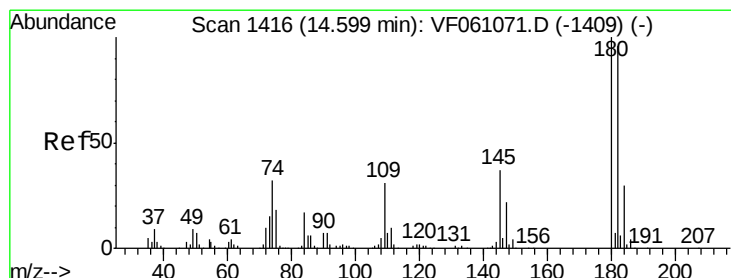
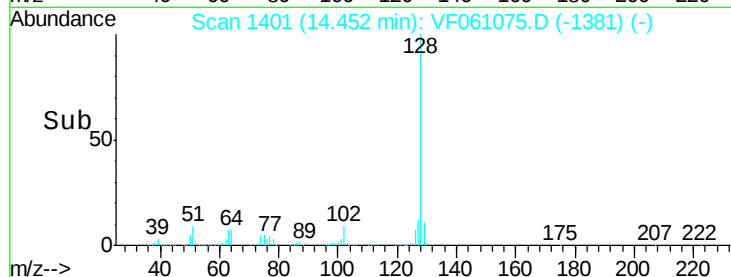
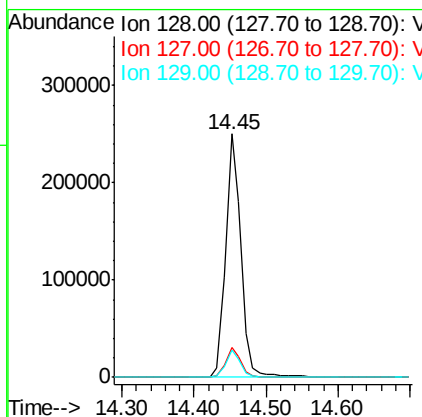
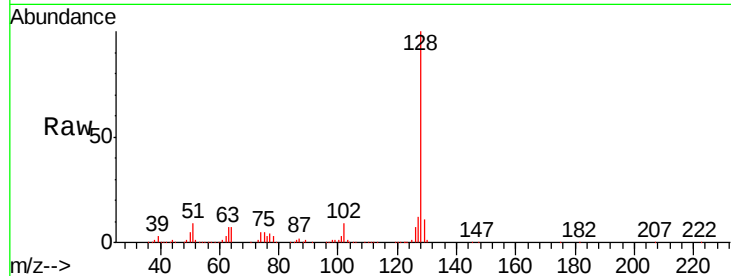
#95  
Naphthalene  
Concen: 49.039 ug/l  
RT: 14.45 min Scan# 1401  
Delta R.T. 0.00 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
ICVVF121918

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 364897 |       |       |
| 127     | 12.3  | 9.4    | 14.2  |       |
| 129     | 11.2  | 8.8    | 13.2  |       |

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#96  
1,2,3-Trichlorobenzene  
Concen: 48.248 ug/l  
RT: 14.60 min Scan# 1416  
Delta R.T. 0.00 min  
Lab File: VF061075.D  
Acq: 18 Dec 2018 21:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 180     | 100   | 181753 |       |       |
| 182     | 94.3  | 47.9   | 143.8 |       |
| 145     | 33.6  | 18.6   | 55.8  |       |

