

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF012419\  
 Data File : VF061495.D  
 Acq On : 24 Jan 2019 12:47  
 Operator : VA/AP  
 Sample : VF0124SBS01  
 Misc : 5.00g/5mL/MSVOA-F/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0124SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 1/25/2019 10:26:32 AM

Quant Time: Jan 25 04:45:59 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F011519S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 16 04:51:59 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.91  | 168  | 210576   | 50.00 | ug/l  | 0.05     |
| 34) 1,4-Difluorobenzene    | 5.64  | 114  | 381091   | 50.00 | ug/l  | 0.05     |
| 63) Chlorobenzene-d5       | 9.81  | 117  | 318755   | 50.00 | ug/l  | 0.05     |
| 72) 1,4-Dichlorobenzene-d4 | 12.57 | 152  | 162488   | 50.00 | ug/l  | 0.03     |

## System Monitoring Compounds

|                           |        |     |          |       |        |      |
|---------------------------|--------|-----|----------|-------|--------|------|
| 33) 1,2-Dichloroethane-d4 | 4.88   | 65  | 109352   | 42.06 | ug/l   | 0.05 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 84.12% |      |
| 35) Dibromofluoromethane  | 4.15   | 113 | 124561   | 41.42 | ug/l   | 0.05 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 82.84% |      |
| 50) Toluene-d8            | 7.59   | 98  | 350548   | 42.55 | ug/l   | 0.05 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 85.10% |      |
| 62) 4-Bromofluorobenzene  | 11.44  | 95  | 157973   | 41.04 | ug/l   | 0.04 |
| Spiked Amount             | 50.000 |     | Recovery | =     | 82.08% |      |

## Target Compounds

|                               |      |     |         |         |        | Qvalue |
|-------------------------------|------|-----|---------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 0.97 | 85  | 66647   | 16.108  | ug/l   | 96     |
| 3) Chloromethane              | 1.11 | 50  | 56820   | 18.729  | ug/l   | 99     |
| 4) Vinyl Chloride             | 1.15 | 62  | 49717   | 18.423  | ug/l   | 99     |
| 5) Bromomethane               | 1.33 | 94  | 33810   | 19.212  | ug/l   | 87     |
| 6) Chloroethane               | 1.41 | 64  | 21725   | 18.168  | ug/l   | 99     |
| 7) Trichlorofluoromethane     | 1.50 | 101 | 85253   | 16.250  | ug/l   | 98     |
| 8) Diethyl Ether              | 1.64 | 74  | 13644   | 20.296  | ug/l   | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 1.86 | 101 | 46453   | 18.427  | ug/l   | 97     |
| 10) Methyl Iodide             | 1.93 | 142 | 73567m  | 18.824  | ug/l   |        |
| 11) Tert butyl alcohol        | 2.60 | 59  | 9809    | 89.135  | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 1.81 | 96  | 35520   | 18.966  | ug/l   | 90     |
| 13) Acrolein                  | 2.02 | 56  | 6140m   | 72.435  | ug/l   |        |
| 14) Allyl chloride            | 2.12 | 41  | 51748   | 22.591  | ug/l   | 91     |
| 15) Acrylonitrile             | 2.98 | 53  | 27244   | 96.650  | ug/l   | 88     |
| 16) Acetone                   | 2.27 | 43  | 54079   | 103.688 | ug/l   | 99     |
| 17) Carbon Disulfide          | 1.84 | 76  | 101403m | 17.364  | ug/l   |        |
| 18) Methyl Acetate            | 2.37 | 43  | 21126   | 20.425  | ug/l # | 92     |
| 19) Methyl tert-butyl Ether   | 2.46 | 73  | 76583   | 18.241  | ug/l   | 95     |
| 20) Methylene Chloride        | 2.21 | 84  | 34155m  | 18.173  | ug/l   |        |
| 21) trans-1,2-Dichloroethene  | 2.33 | 96  | 35012   | 16.991  | ug/l   | 98     |
| 22) Diisopropyl ether         | 2.83 | 45  | 125344  | 18.807  | ug/l   | 99     |
| 23) Vinyl Acetate             | 3.22 | 43  | 313886  | 108.898 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 2.90 | 63  | 71334   | 17.053  | ug/l   | 96     |
| 25) 2-Butanone                | 4.38 | 43  | 102842  | 118.574 | ug/l   | 93     |
| 26) 2,2-Dichloropropane       | 3.64 | 77  | 42949   | 16.712  | ug/l   | 98     |
| 27) cis-1,2-Dichloroethene    | 3.51 | 96  | 59375   | 19.520  | ug/l   | 96     |
| 28) Bromochloromethane        | 3.75 | 49  | 37393   | 19.887  | ug/l   | 97     |
| 29) Tetrahydrofuran           | 4.12 | 42  | 37599   | 100.676 | ug/l   | 94     |
| 30) Chloroform                | 3.90 | 83  | 109131  | 19.331  | ug/l   | 96     |
| 31) Cyclohexane               | 3.73 | 56  | 81427m  | 19.487  | ug/l   |        |
| 32) 1,1,1-Trichloroethane     | 4.14 | 97  | 64878   | 15.674  | ug/l   | 97     |
| 36) 1,1-Dichloropropene       | 4.33 | 75  | 85692   | 19.394  | ug/l   | 99     |
| 37) Ethyl Acetate             | 4.15 | 43  | 33971   | 19.233  | ug/l   | 84     |
| 38) Carbon Tetrachloride      | 4.03 | 117 | 59159   | 15.315  | ug/l   | 92     |

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 Sample : VF0124SBS01  
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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleID :  
 VF0124SBS01

Manual Integrations  
 APPROVED

MMDadoda  
 1/25/2019 10:26:32 AM

Quant Time: Jan 25 04:45:59 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F011519S.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jan 16 04:51:59 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 5.49  | 83   | 85697    | 17.897  | ug/l   | 93       |
| 40) Benzene                    | 4.67  | 78   | 196107   | 19.946  | ug/l   | 99       |
| 41) Methacrylonitrile          | 4.78  | 41   | 19245    | 20.477  | ug/l # | 87       |
| 42) 1,2-Dichloroethane         | 4.98  | 62   | 62148    | 17.738  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.99  | 43   | 44141    | 19.912  | ug/l # | 90       |
| 44) Trichloroethene            | 5.54  | 130  | 58164    | 19.284  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 6.27  | 63   | 49059    | 19.012  | ug/l   | 97       |
| 46) Dibromomethane             | 6.12  | 93   | 30899    | 18.008  | ug/l   | 91       |
| 47) Bromodichloromethane       | 6.43  | 83   | 75938    | 17.887  | ug/l   | 94       |
| 48) Methyl methacrylate        | 6.75  | 41   | 30590    | 20.550  | ug/l   | 96       |
| 49) 1,4-Dioxane                | 6.75  | 88   | 4054     | 344.668 | ug/l   | 90       |
| 51) 4-Methyl-2-Pentanone       | 8.29  | 43   | 162417   | 99.663  | ug/l   | 100      |
| 52) Toluene                    | 7.66  | 92   | 116291   | 17.961  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 8.31  | 75   | 62809    | 18.632  | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 7.34  | 75   | 83836    | 19.896  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 8.53  | 97   | 35436    | 19.273  | ug/l   | 95       |
| 56) Ethyl methacrylate         | 8.66  | 69   | 45117    | 21.091  | ug/l   | 92       |
| 57) 1,3-Dichloropropane        | 8.89  | 76   | 60102    | 17.440  | ug/l   | 98       |
| 58) 2-Chloroethyl Vinyl ether  | 7.34  | 63   | 32338    | 155.813 | ug/l   | 98       |
| 59) 2-Hexanone                 | 9.53  | 43   | 122249   | 107.576 | ug/l   | 99       |
| 60) Dibromochloromethane       | 8.76  | 129  | 47463    | 17.657  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.02  | 107  | 36419    | 17.302  | ug/l   | 88       |
| 64) Tetrachloroethene          | 8.19  | 164  | 47068    | 19.636  | ug/l   | 95       |
| 65) Chlorobenzene              | 9.83  | 112  | 130325   | 20.105  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 9.97  | 131  | 53353    | 20.661  | ug/l   | 94       |
| 67) Ethyl Benzene              | 9.94  | 91   | 236600   | 19.978  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.17 | 106  | 171813   | 40.336  | ug/l   | 96       |
| 69) o-Xylene                   | 10.75 | 106  | 99730    | 21.602  | ug/l   | 92       |
| 70) Styrene                    | 10.82 | 104  | 133450   | 21.118  | ug/l   | 97       |
| 71) Bromoform                  | 10.81 | 173  | 23421    | 20.187  | ug/l   | 100      |
| 73) Isopropylbenzene           | 11.15 | 105  | 279381   | 21.140  | ug/l   | 100      |
| 74) N-amyl acetate             | 11.40 | 43   | 73616    | 23.557  | ug/l   | 94       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.72 | 83   | 49588    | 21.063  | ug/l   | 97       |
| 76) 1,2,3-Trichloropropane     | 11.82 | 75   | 34544    | 20.420  | ug/l   | 95       |
| 77) Bromobenzene               | 11.53 | 156  | 56600    | 20.280  | ug/l   | 96       |
| 78) n-propylbenzene            | 11.62 | 91   | 336226   | 19.508  | ug/l   | 95       |
| 79) 2-Chlorotoluene            | 11.74 | 91   | 191542   | 20.889  | ug/l   | 97       |
| 80) 1,3,5-Trimethylbenzene     | 11.85 | 105  | 229302   | 21.500  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 11.89 | 75   | 14720m   | 20.017  | ug/l   |          |
| 82) 4-Chlorotoluene            | 11.92 | 91   | 189504   | 20.481  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 12.16 | 119  | 231738   | 20.993  | ug/l   | 94       |
| 84) 1,2,4-Trimethylbenzene     | 12.23 | 105  | 224407   | 20.427  | ug/l   | 95       |
| 85) sec-Butylbenzene           | 12.33 | 105  | 305726   | 20.394  | ug/l   | 94       |
| 86) p-Isopropyltoluene         | 12.48 | 119  | 265280   | 21.557  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 12.50 | 146  | 111104   | 18.924  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.59 | 146  | 105021   | 19.913  | ug/l   | 96       |
| 89) n-Butylbenzene             | 12.87 | 91   | 267890   | 21.109  | ug/l   | 97       |
| 90) Hexachloroethane           | 12.94 | 117  | 63119    | 21.759  | ug/l   | 84       |
| 91) 1,2-Dichlorobenzene        | 12.97 | 146  | 107084   | 20.510  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.67 | 75   | 8195     | 19.625  | ug/l   | 84       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF012419\  
Data File : VF061495.D  
Acq On : 24 Jan 2019 12:47  
Operator : VA/AP  
Sample : VF0124SBSD01  
Misc : 5.00g/5mL/MSVOA-F/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0124SBSD01

Manual Integrations  
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_F\METHODS\82F011519S.M  
Quant Title : SW846 8260  
QLast Update : Wed Jan 16 04:51:59 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.22 | 180  | 73732    | 20.159 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 14.21 | 225  | 43022    | 18.956 | ug/l  | 99       |
| 95) Naphthalene            | 14.48 | 128  | 132166   | 19.020 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 14.62 | 180  | 65269    | 19.278 | ug/l  | 99       |

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

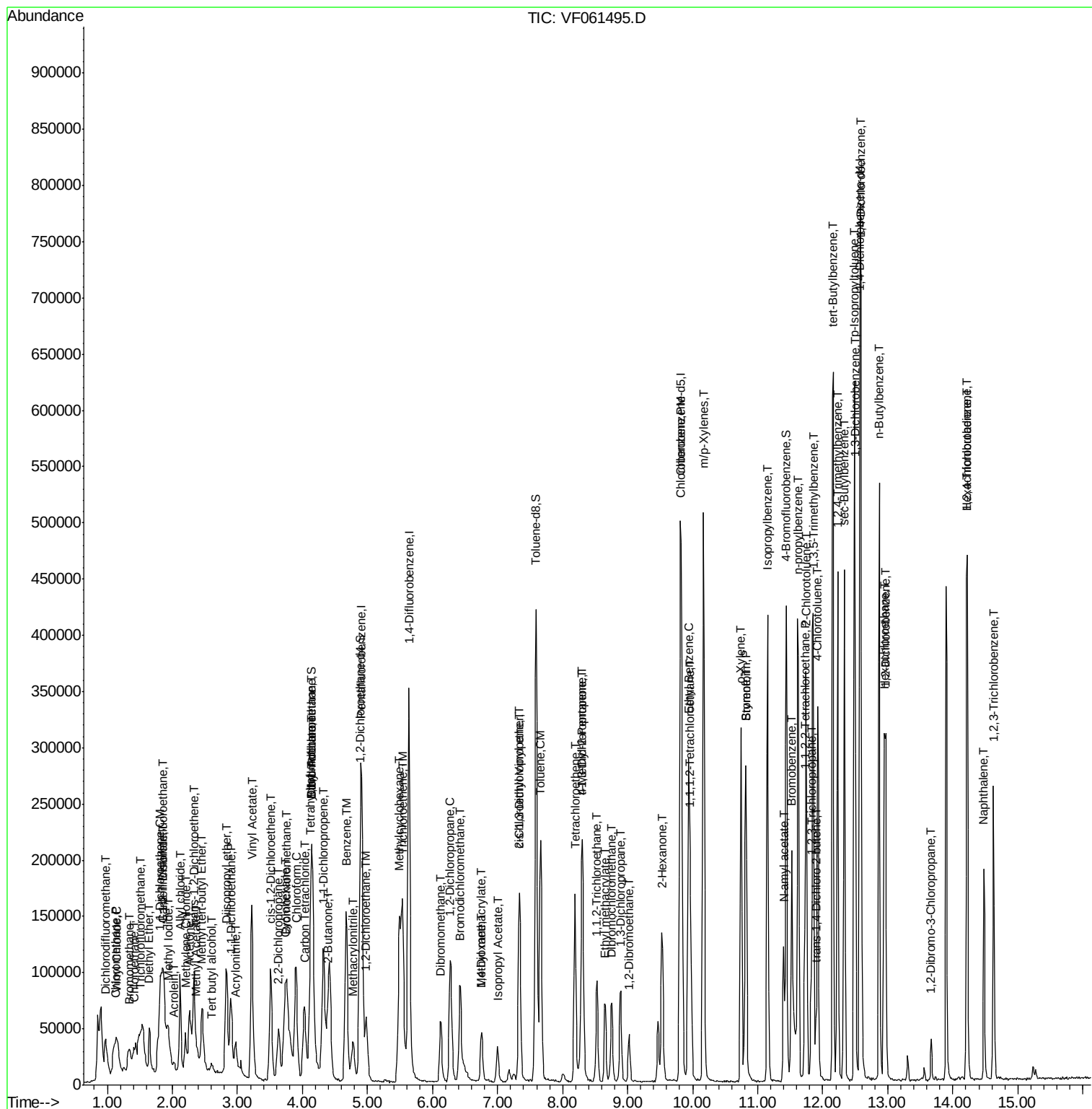
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Data File : VF061495.D  
Acq On : 24 Jan 2019 12:47  
Operator : VA/AP  
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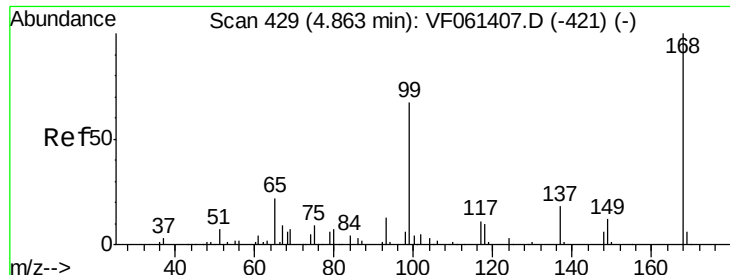
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0124SBSD01

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APPROVED

MMDadoda  
1/25/2019 10:26:32 AM

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Quant Title : SW846 8260  
QLast Update : Wed Jan 16 04:51:59 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.91 min Scan# 434

Delta R.T. 0.05 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

Instrument :

MSVOA\_F

ClientSampleId :

VF0124SBS01

Tot Ion:168 Resp: 210576

Ion Ratio Lower Upper

168 100

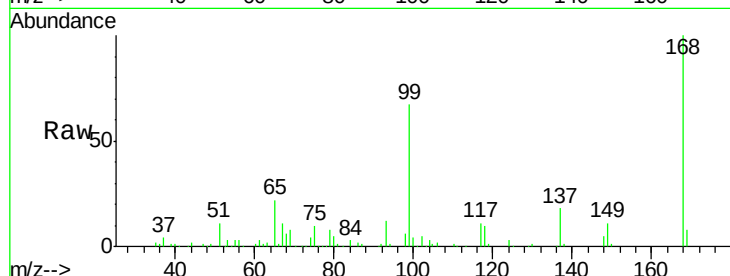
99 66.7 53.5 80.3

Manual Integrations

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Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.91

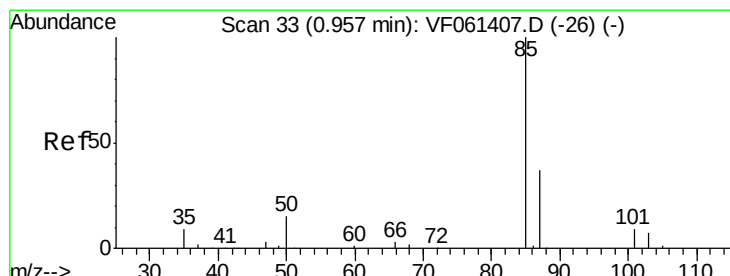
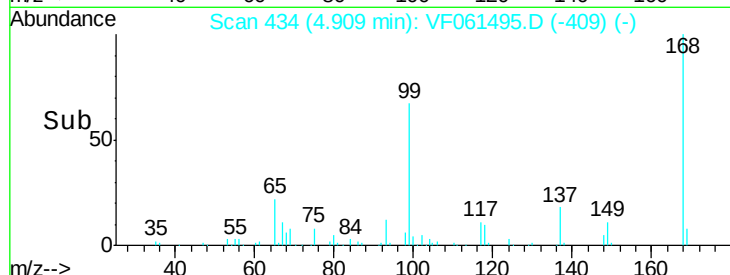
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 16.108 ug/l

RT: 0.97 min Scan# 35

Delta R.T. 0.02 min

Lab File: VF061495.D

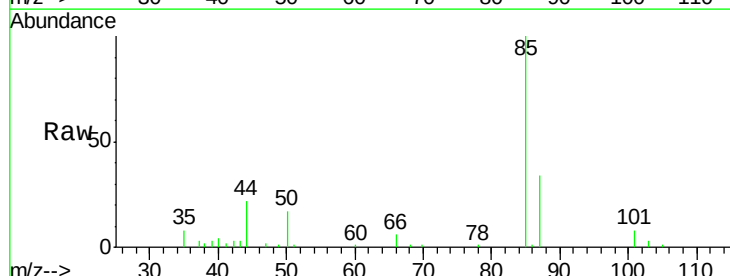
Acq: 24 Jan 2019 12:47

Tgt Ion: 85 Resp: 66647

Ion Ratio Lower Upper

85 100

87 34.4 18.4 55.0



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.97

20000

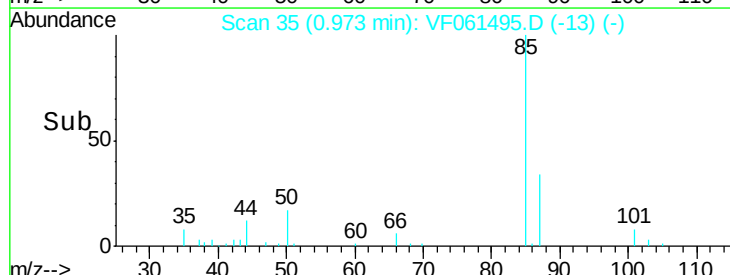
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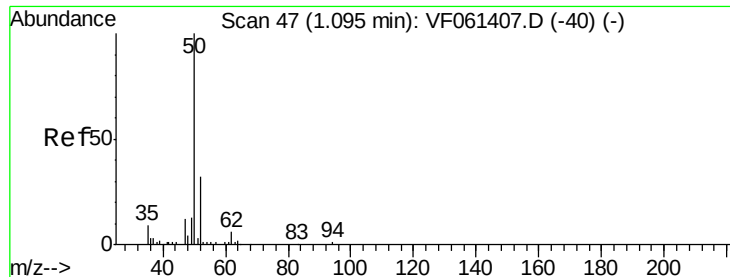
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5000

0

Time-->





#3

Chloromethane

Concen: 18.729 ug/l

RT: 1.11 min Scan# 49

Delta R.T. 0.02 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

Instrument :

MSVOA\_F

ClientSampleId :

VF0124SBS01

Tot Ion: 50 Resp: 56820

Ion Ratio Lower Upper

50 100

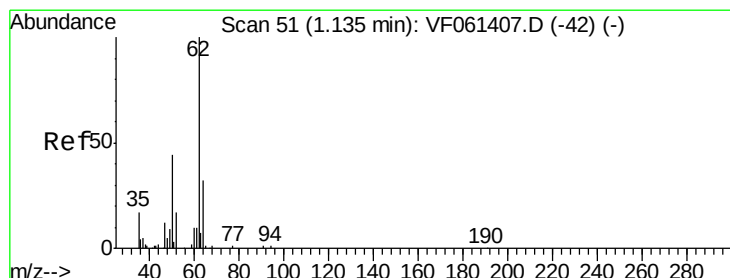
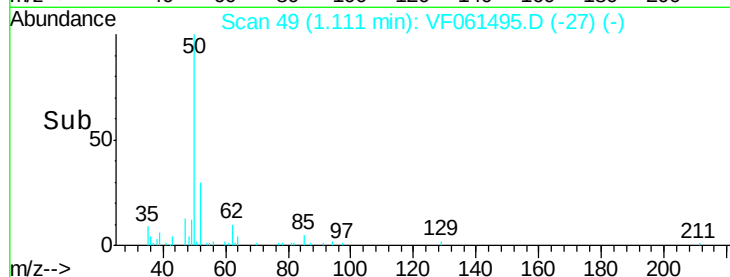
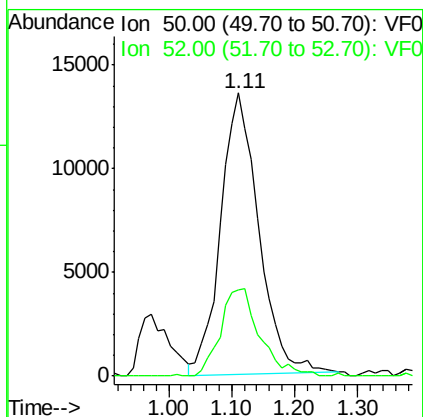
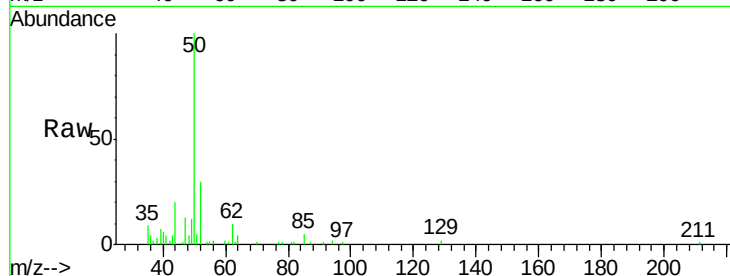
52 30.3 24.6 36.8

Manual Integrations

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1/25/2019 10:26:32 AM



#4

Vinyl Chloride

Concen: 18.423 ug/l

RT: 1.15 min Scan# 53

Delta R.T. 0.02 min

Lab File: VF061495.D

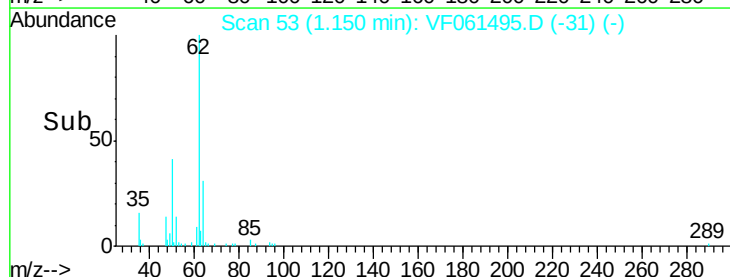
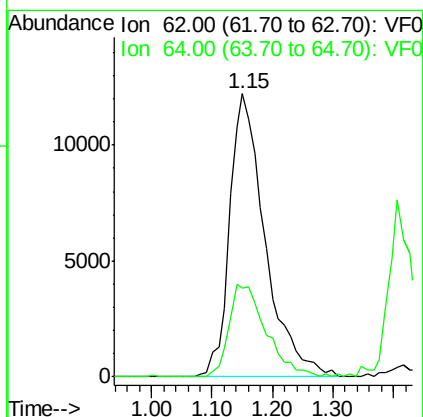
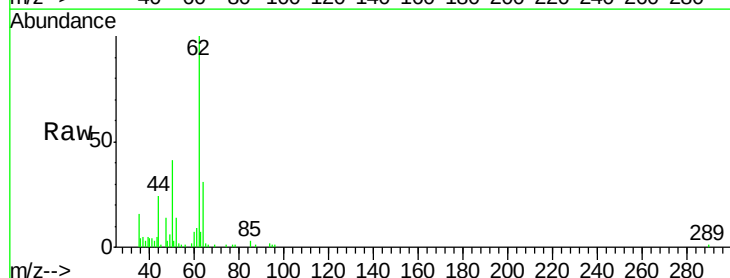
Acq: 24 Jan 2019 12:47

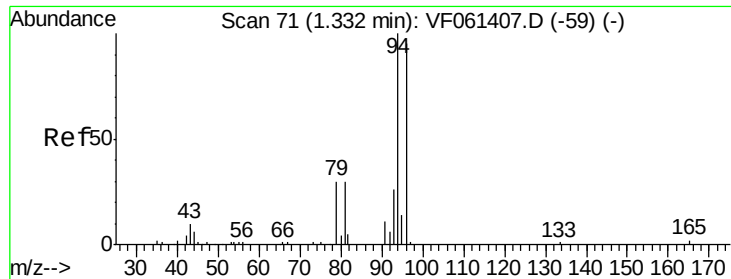
Tgt Ion: 62 Resp: 49717

Ion Ratio Lower Upper

62 100

64 31.2 25.6 38.4





#5

Bromomethane

Concen: 19.212 ug/l

RT: 1.33 min Scan# 71

Delta R.T. -0.00 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

Instrument :

MSVOA\_F

ClientSampleId :

VF0124SBS01

Tot Ion: 94 Resp: 33810

Ion Ratio Lower Upper

94 100

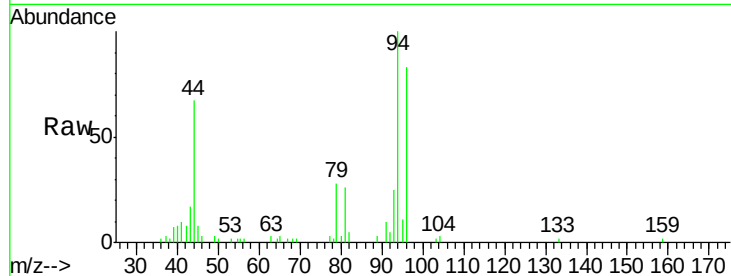
96 82.8 76.0 114.0

Manual Integrations

APPROVED

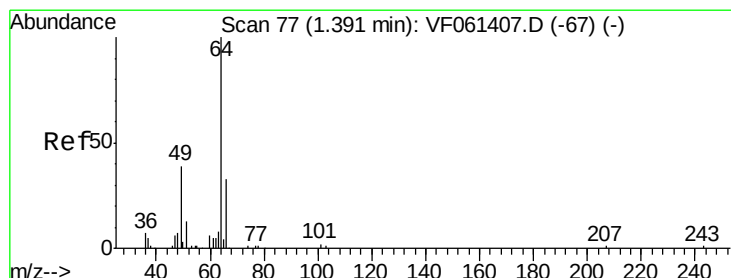
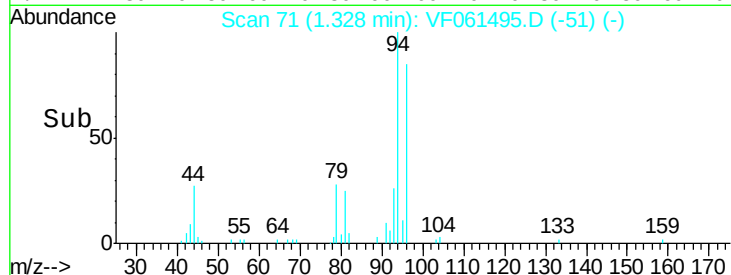
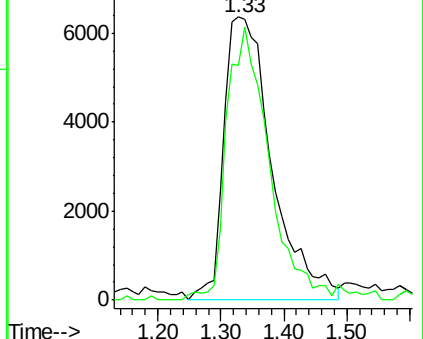
MMDadoda

1/25/2019 10:26:32 AM



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: 18.168 ug/l

RT: 1.41 min Scan# 79

Delta R.T. 0.02 min

Lab File: VF061495.D

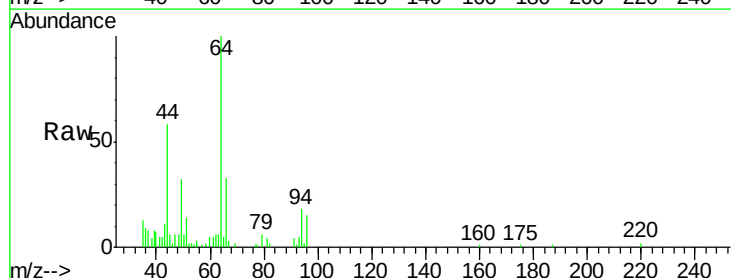
Acq: 24 Jan 2019 12:47

Tgt Ion: 64 Resp: 21725

Ion Ratio Lower Upper

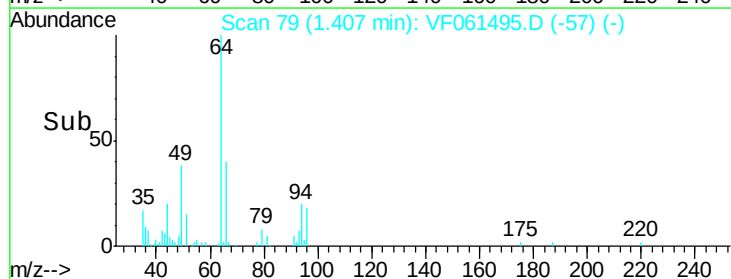
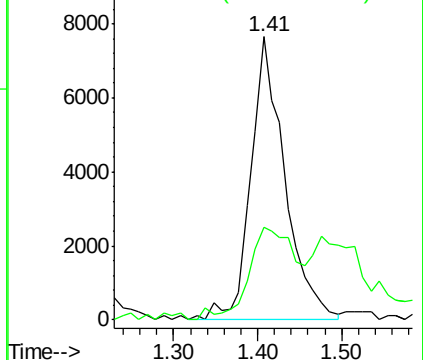
64 100

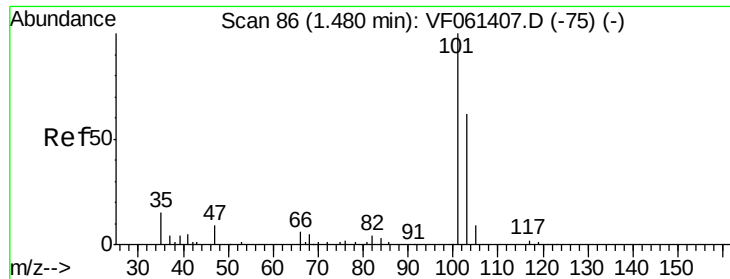
66 32.7 26.6 40.0



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0





#7

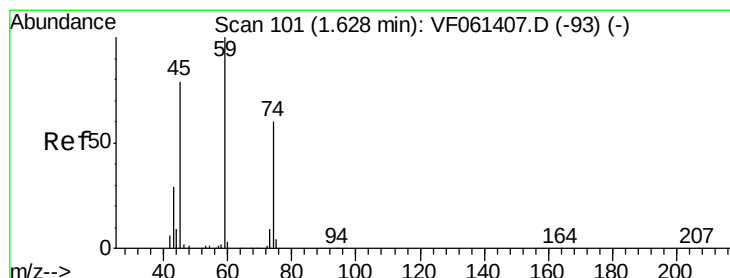
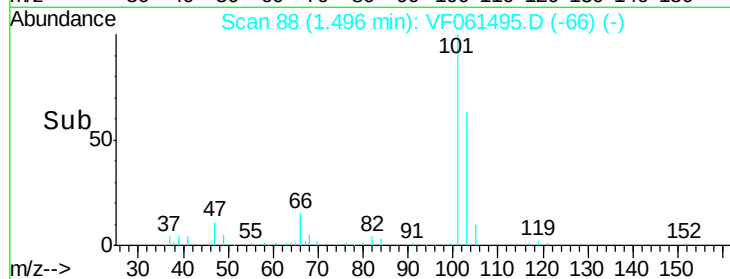
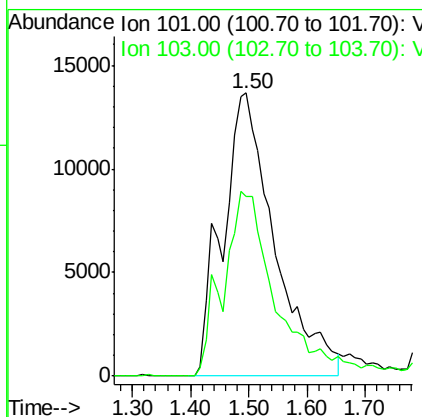
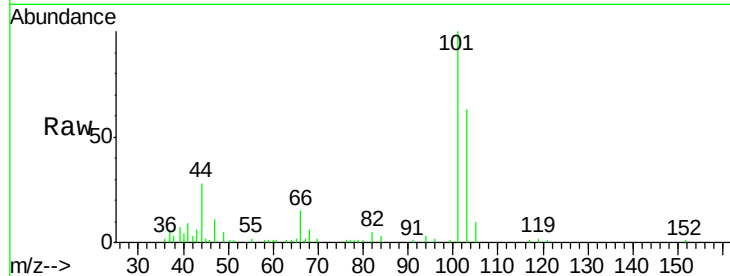
Trichlorofluoromethane  
 Concen: 16.250 ug/l  
 RT: 1.50 min Scan# 88  
 Delta R.T. 0.02 min  
 Lab File: VF061495.D  
 Acq: 24 Jan 2019 12:47

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 101     | 100   |       |       |
| 103     | 63.5  | 49.7  | 74.5  |

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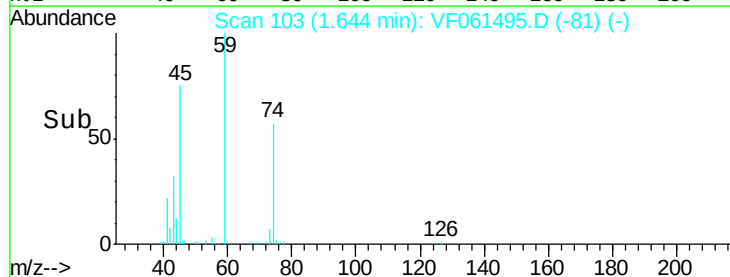
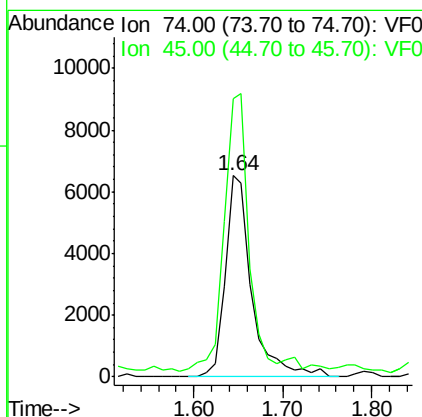
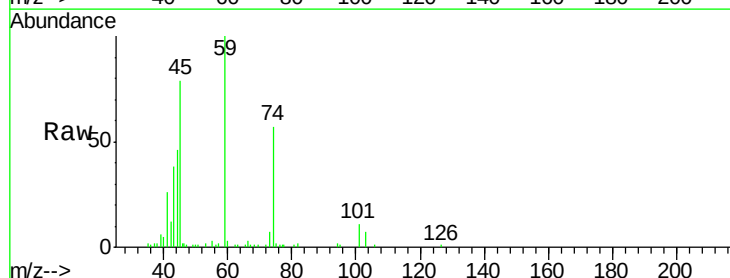
MMDadoda  
 1/25/2019 10:26:32 AM



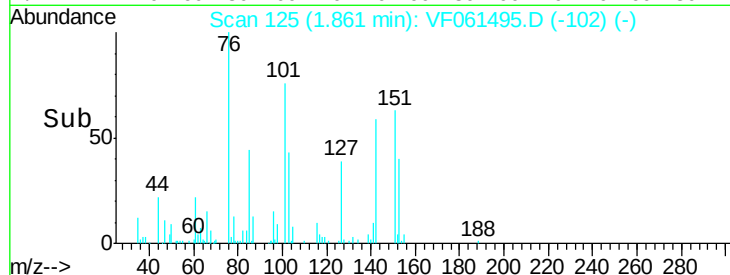
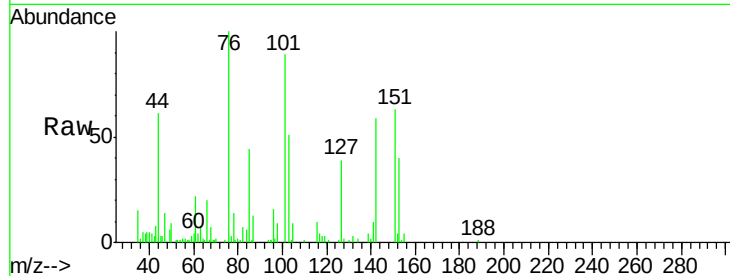
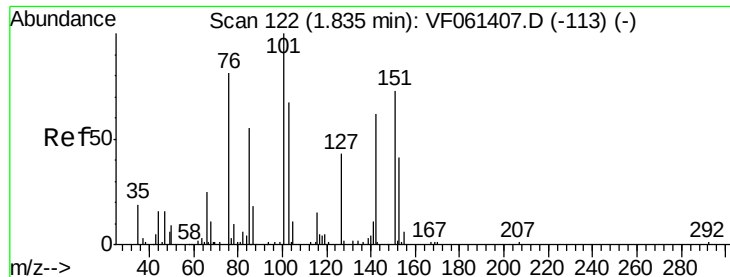
#8

Diethyl Ether  
 Concen: 20.296 ug/l  
 RT: 1.64 min Scan# 103  
 Delta R.T. 0.02 min  
 Lab File: VF061495.D  
 Acq: 24 Jan 2019 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 74      | 100   |       |       |
| 45      | 138.2 | 65.8  | 197.5 |







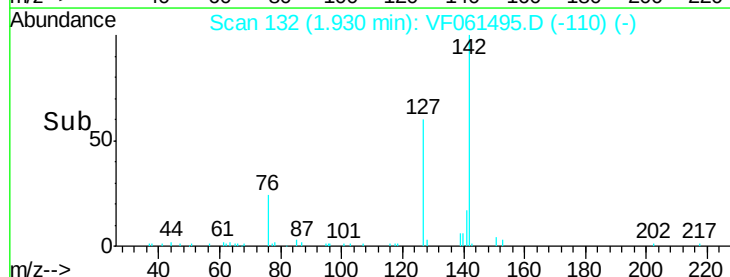
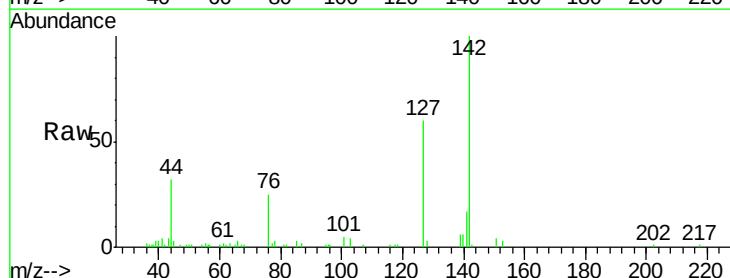
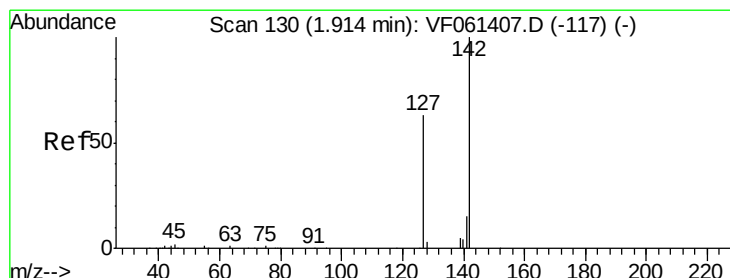
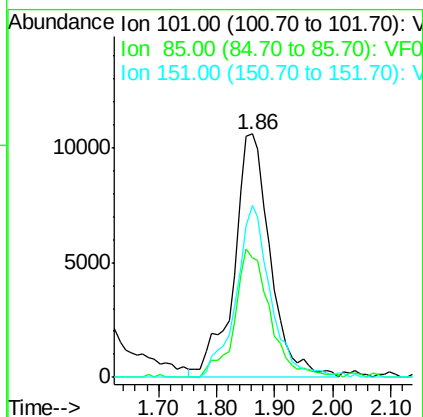
#9  
1,1,2-Trichlorotrifluoroethane  
Concen: 18.427 ug/l  
RT: 1.86 min Scan# 125  
Delta R.T. 0.03 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 101     | 100   | 46453 |       |       |
| 85      | 49.2  |       | 41.9  | 62.9  |
| 151     | 70.7  |       | 55.1  | 82.7  |

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0124SBS01

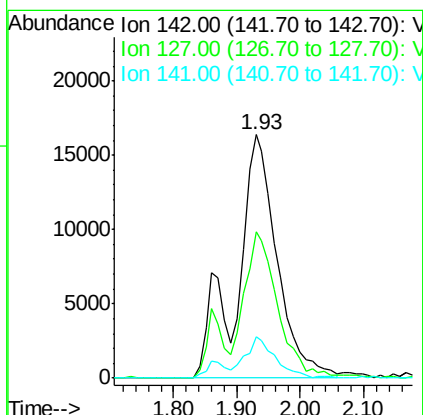
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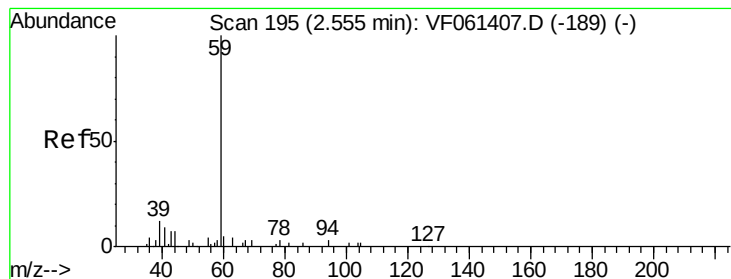
MMDadoda  
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#10  
Methyl Iodide  
Concen: 18.824 ug/l m  
RT: 1.93 min Scan# 132  
Delta R.T. 0.02 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 142     | 100   | 73567 |       |       |
| 127     | 60.0  |       | 50.7  | 76.1  |
| 141     | 16.9  |       | 11.8  | 17.6  |





#11

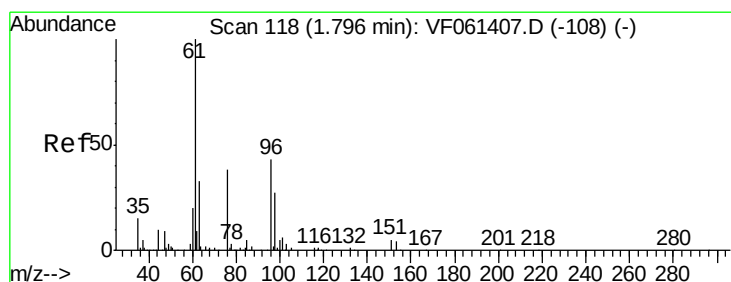
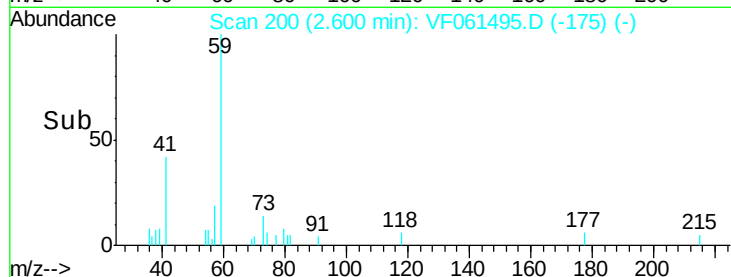
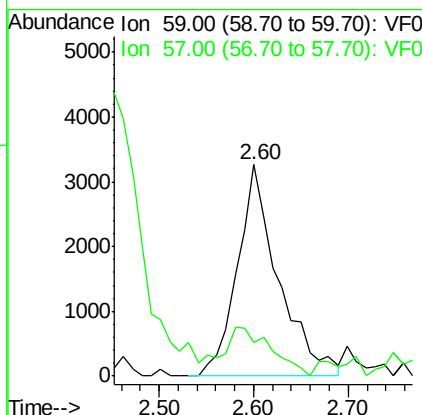
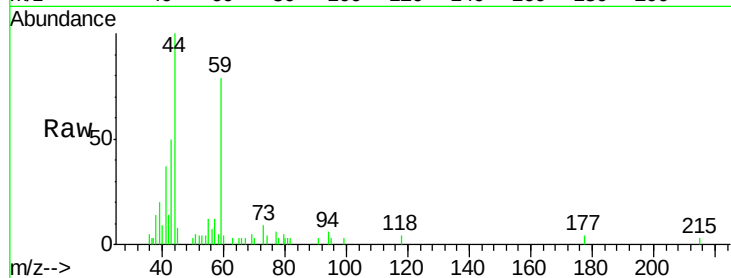
Tert butyl alcohol  
Concen: 89.135 ug/l  
RT: 2.60 min Scan# 200  
Delta R.T. 0.05 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 59      | 100   |       |       |
| 57      | 15.7  | 11.9  | 17.9  |

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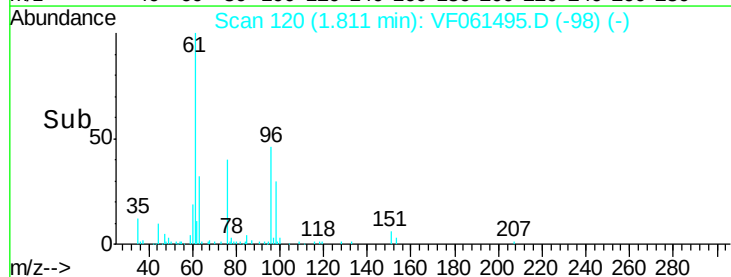
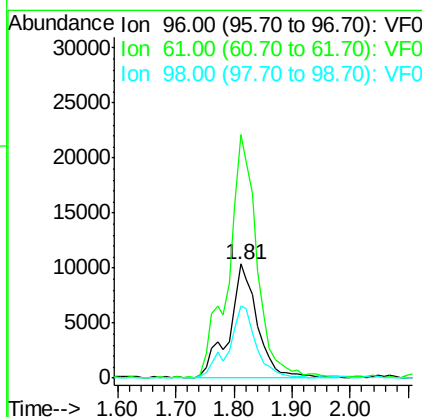
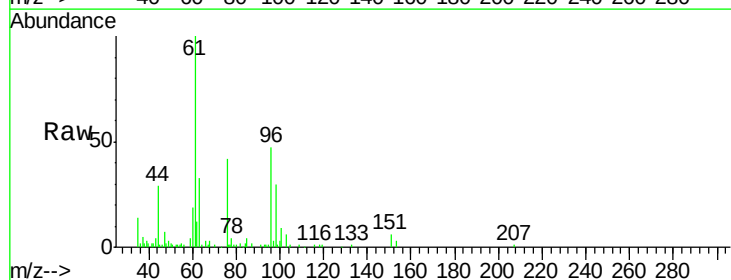
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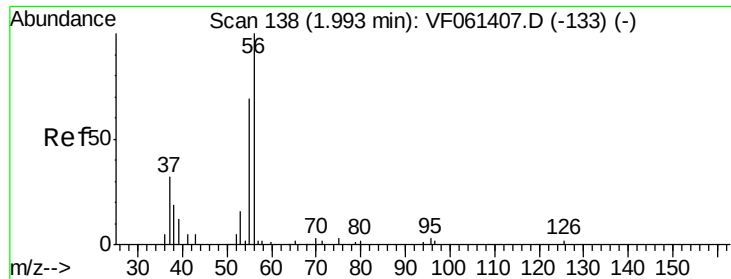


#12

1,1-Dichloroethene  
Concen: 18.966 ug/l  
RT: 1.81 min Scan# 120  
Delta R.T. 0.02 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 213.1 | 186.9 | 280.3 |
| 98      | 63.5  | 53.0  | 79.4  |





#13

Acrolein

Concen: 72.435 ug/l m

RT: 2.02 min Scan# 141

Delta R.T. 0.03 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

Instrument :

MSVOA\_F

ClientSampleId :

VF0124SBS01

Tot Ion: 56 Resp: 6140

Ion Ratio Lower Upper

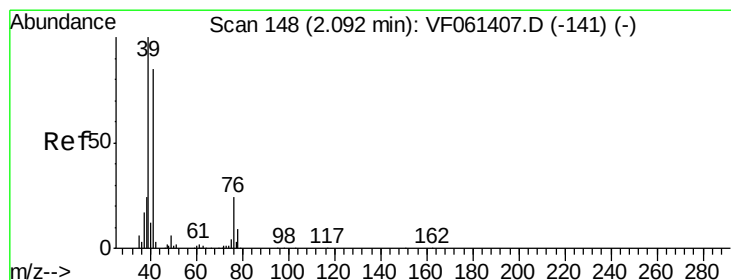
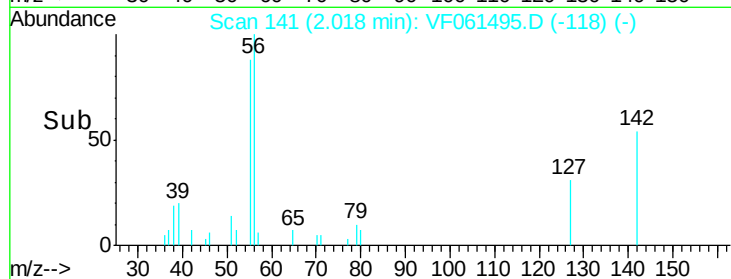
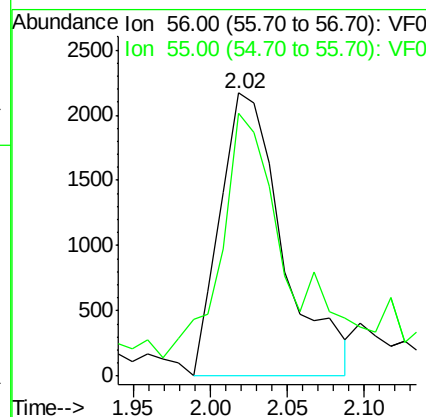
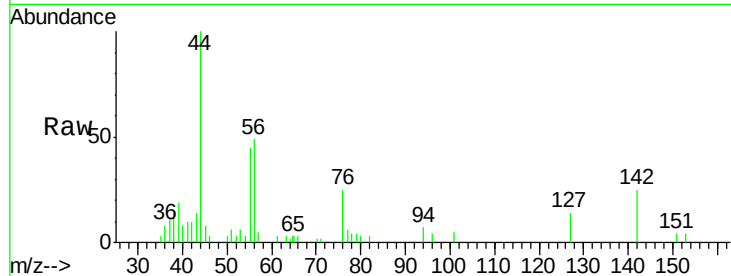
56 100

55 92.7 57.5 86.3#

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#14

Allyl chloride

Concen: 22.591 ug/l

RT: 2.12 min Scan# 151

Delta R.T. 0.03 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

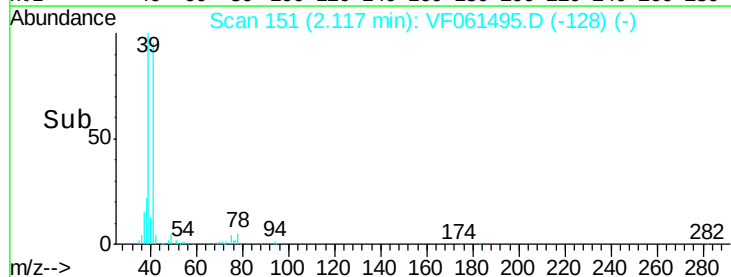
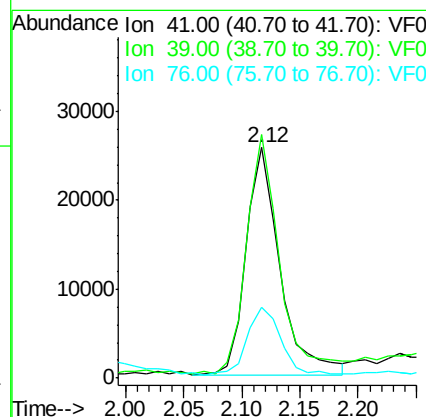
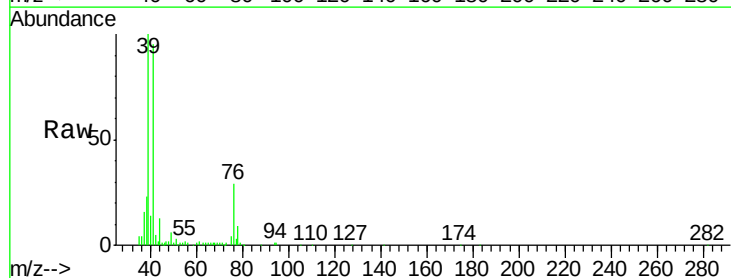
Tgt Ion: 41 Resp: 51748

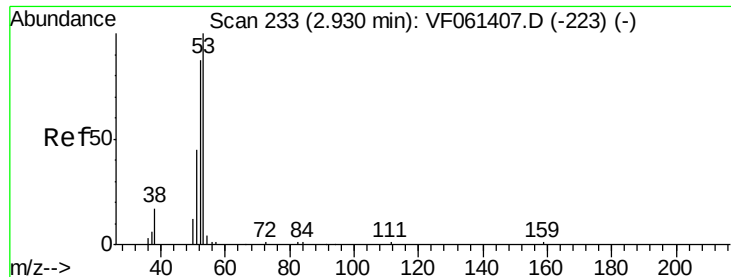
Ion Ratio Lower Upper

41 100

39 105.8 94.6 141.8

76 30.9 25.9 38.9





#15

Acrylonitrile

Concen: 96.650 ug/l

RT: 2.98 min Scan# 238

Delta R.T. 0.05 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

Instrument :

MSVOA\_F

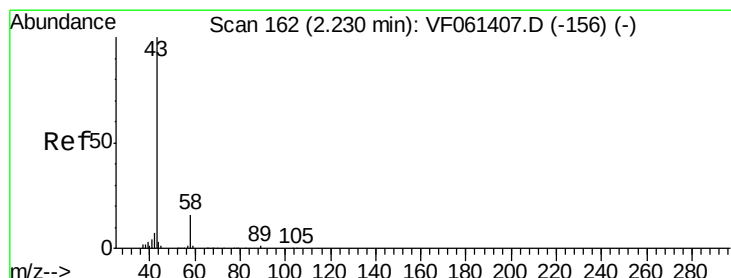
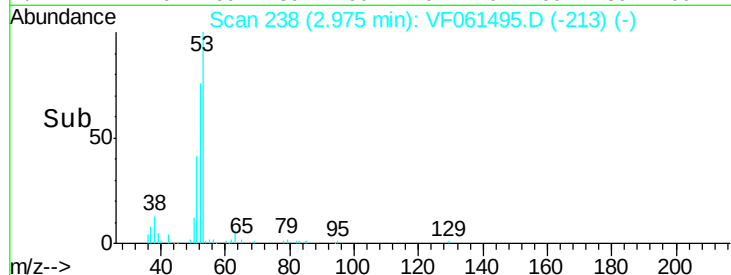
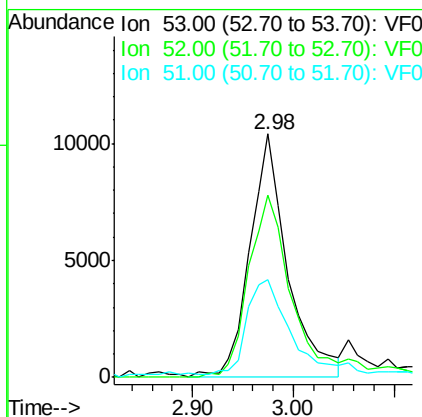
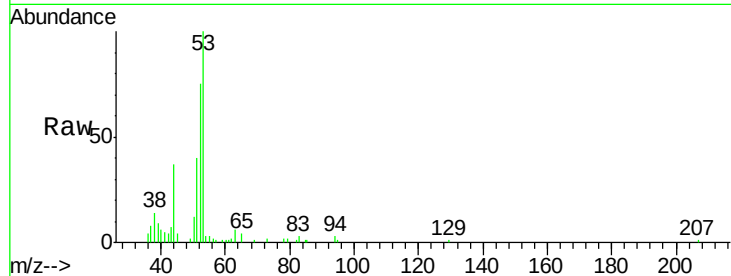
ClientSampleId :

VF0124SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 53    | Resp: | 27244 |
| Ion      | Ratio | Lower | Upper |
| 53       | 100   |       |       |
| 52       | 74.7  | 69.6  | 104.4 |
| 51       | 40.1  | 36.8  | 55.2  |

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#16

Acetone

Concen: 103.688 ug/l

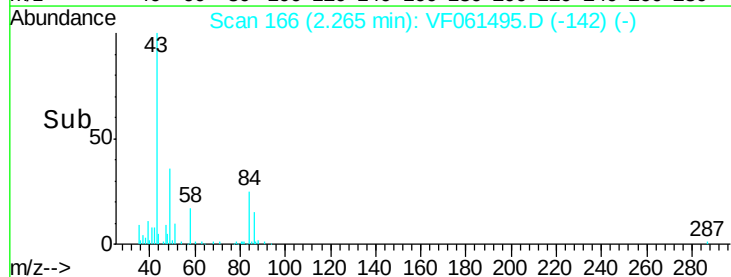
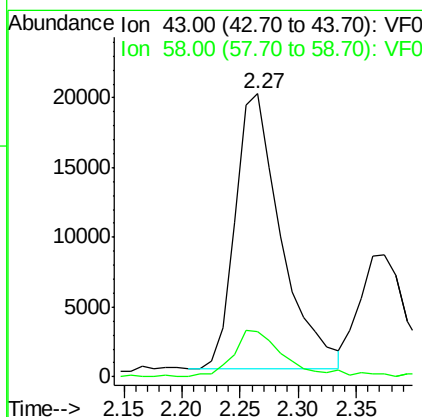
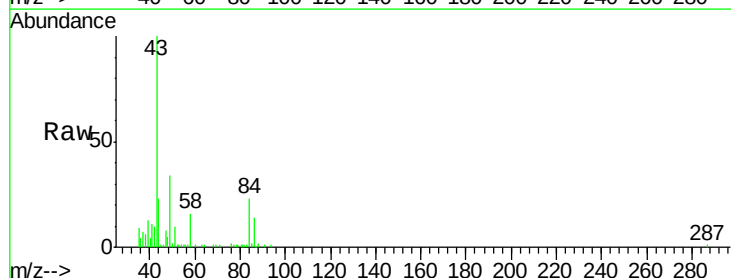
RT: 2.27 min Scan# 166

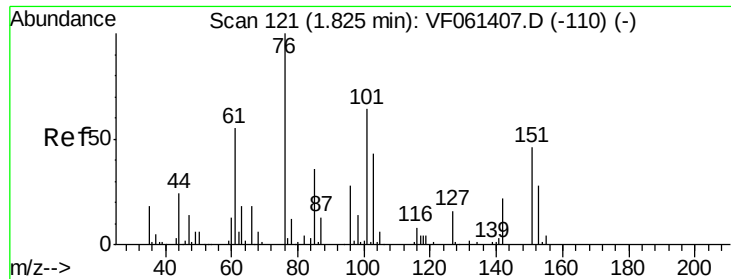
Delta R.T. 0.04 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 43    | Resp: | 54079 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 58       | 16.0  | 13.3  | 19.9  |





#17

Carbon Disulfide

Concen: 17.364 ug/l m

RT: 1.84 min Scan# 123

Delta R.T. 0.02 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

Instrument :

MSVOA\_F

ClientSampleId :

VF0124SBS01

Tot Ion: 76 Resp: 101403

Ion Ratio Lower Upper

76 100

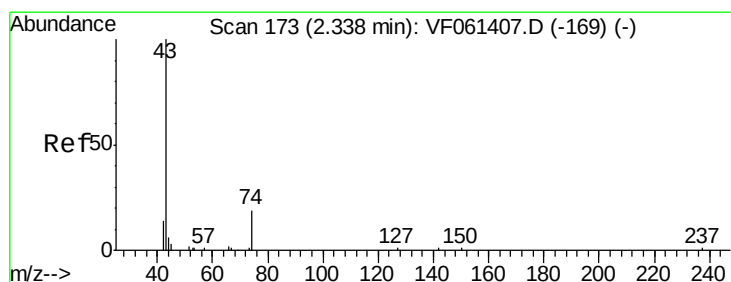
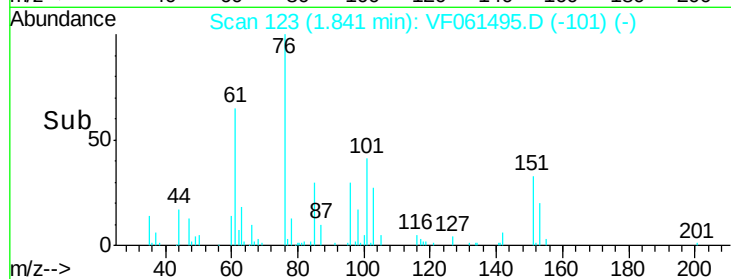
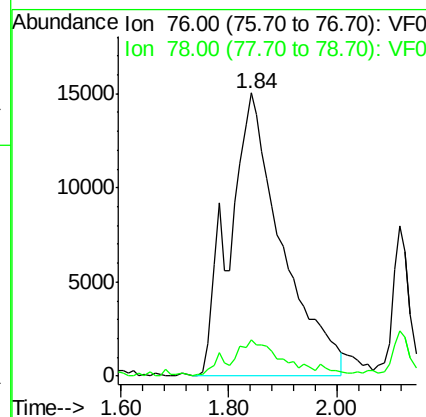
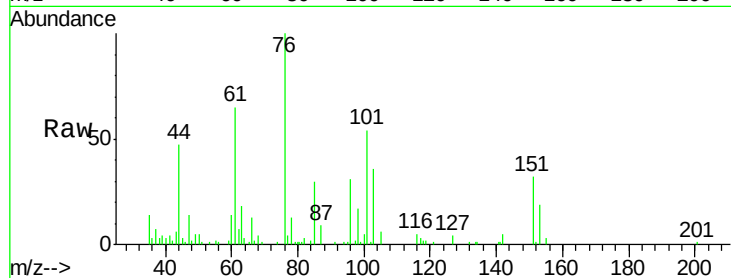
78 12.8 9.6 14.4

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#18

Methyl Acetate

Concen: 20.425 ug/l

RT: 2.37 min Scan# 177

Delta R.T. 0.04 min

Lab File: VF061495.D

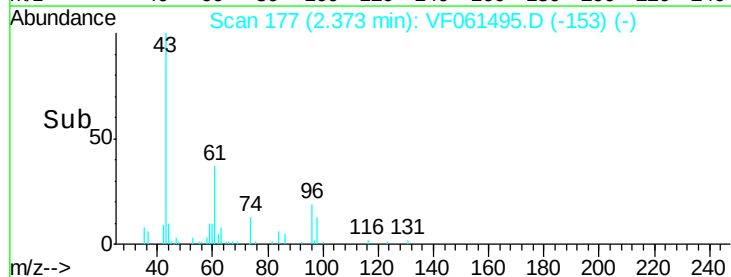
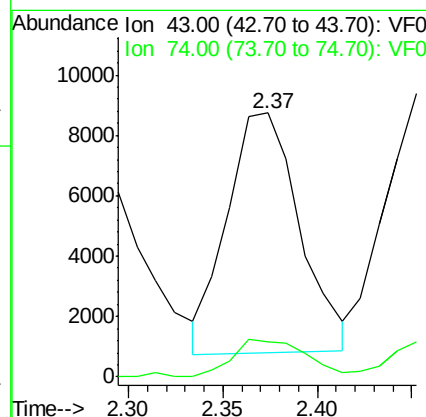
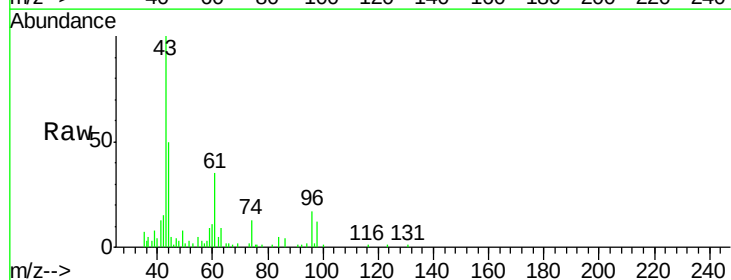
Acq: 24 Jan 2019 12:47

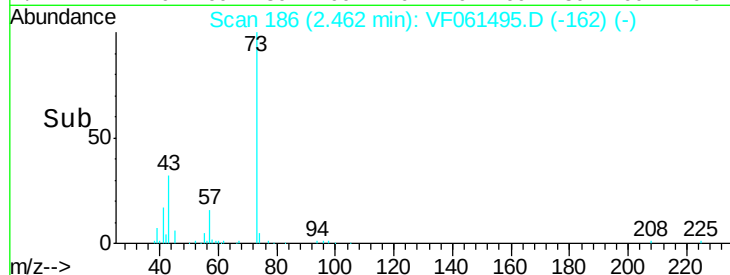
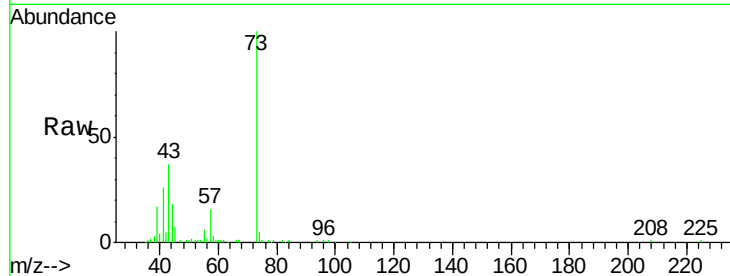
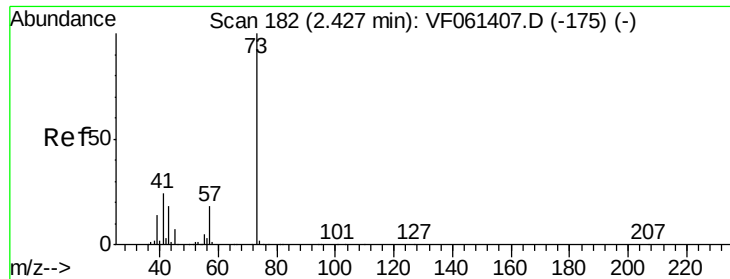
Tgt Ion: 43 Resp: 21126

Ion Ratio Lower Upper

43 100

74 13.1 13.4 20.0#





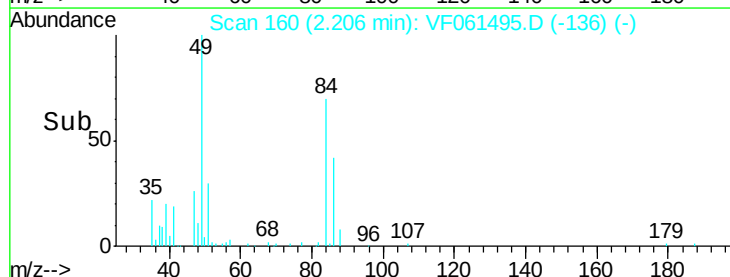
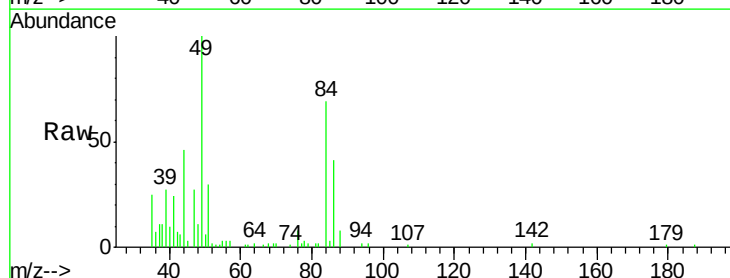
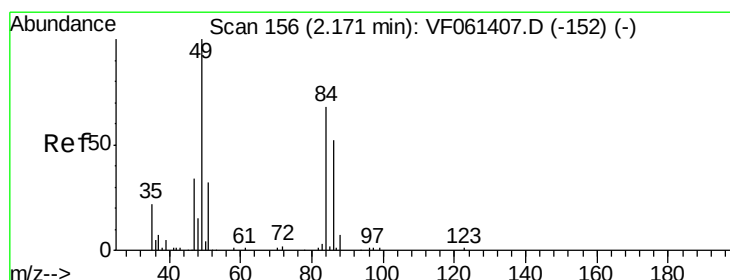
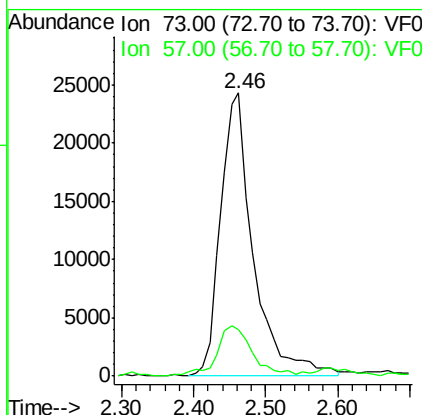
#19  
Methyl tert-butyl Ether  
Concen: 18.241 ug/l  
RT: 2.46 min Scan# 186  
Delta R.T. 0.04 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

Tot Ion: 73 Resp: 76583  
Ion Ratio Lower Upper  
73 100  
57 16.4 14.8 22.2

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0124SBS01

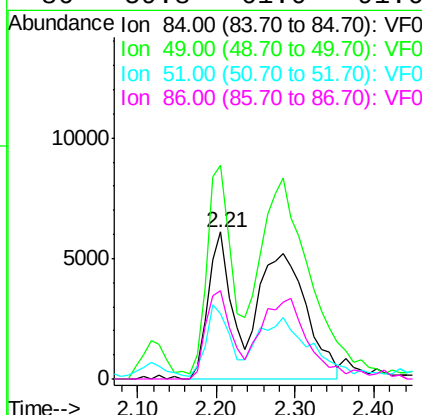
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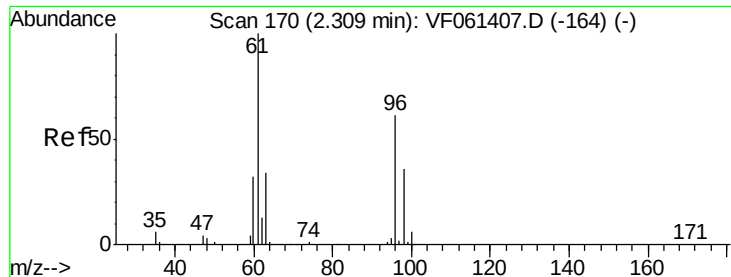
MMDadoda  
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#20  
Methylene Chloride  
Concen: 18.173 ug/l m  
RT: 2.21 min Scan# 160  
Delta R.T. 0.04 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

Tgt Ion: 84 Resp: 34155  
Ion Ratio Lower Upper  
84 100  
49 145.2 120.0 180.0  
51 44.2 38.6 58.0  
86 59.8 61.0 91.6#





#21

trans-1,2-Dichloroethene

Concen: 16.991 ug/l

RT: 2.33 min Scan# 173

Delta R.T. 0.03 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

Instrument :

MSVOA\_F

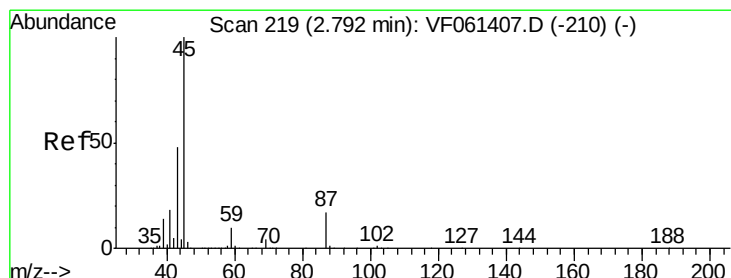
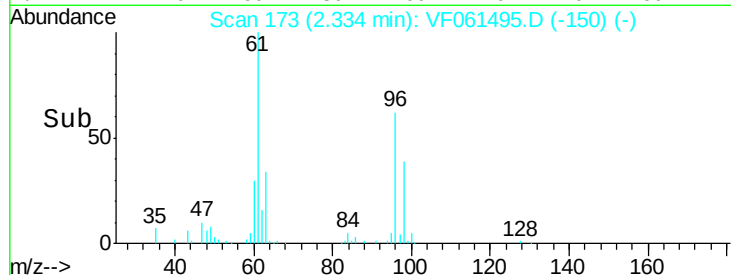
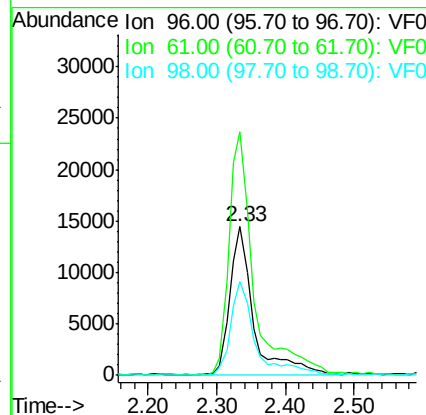
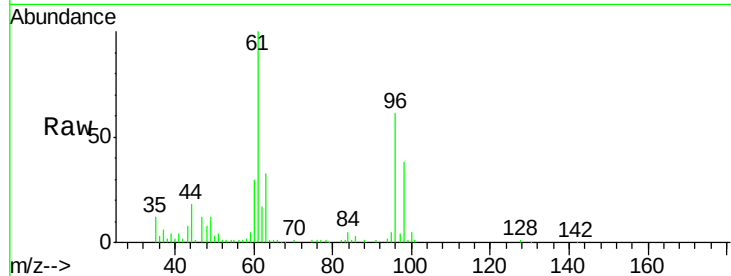
ClientSampleId :

VF0124SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 96    | Resp: | 35012 |
| Ion      | Ratio | Lower | Upper |
| 96       | 100   |       |       |
| 61       | 163.6 | 131.8 | 197.8 |
| 98       | 62.8  | 47.4  | 71.0  |

Manual Integrations  
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#22

Diisopropyl ether

Concen: 18.807 ug/l

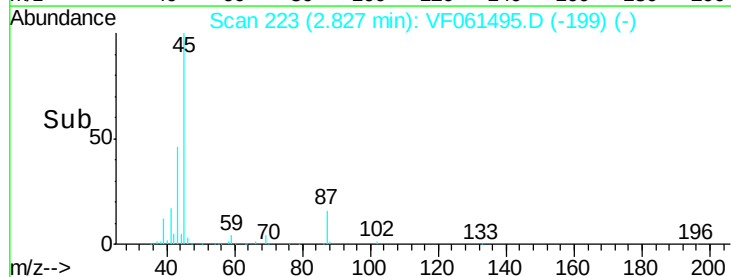
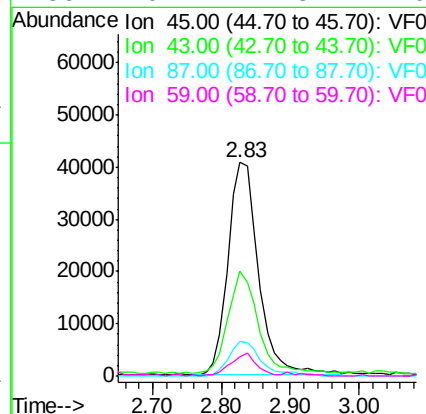
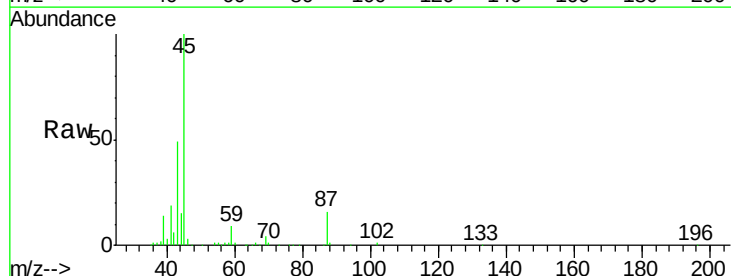
RT: 2.83 min Scan# 223

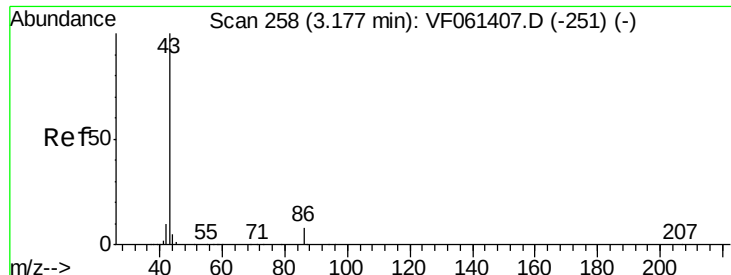
Delta R.T. 0.04 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 45    | Resp: | 125344 |
| Ion      | Ratio | Lower | Upper  |
| 45       | 100   |       |        |
| 43       | 49.2  | 39.0  | 58.6   |
| 87       | 16.2  | 13.9  | 20.9   |
| 59       | 9.1   | 7.8   | 11.6   |





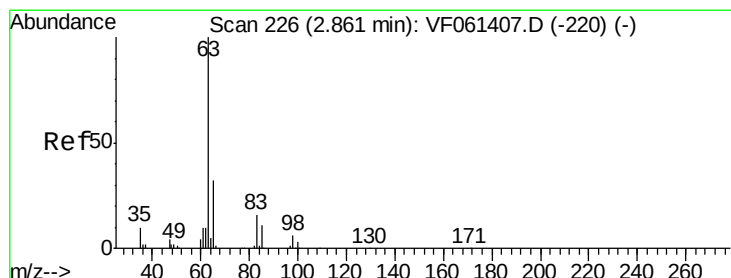
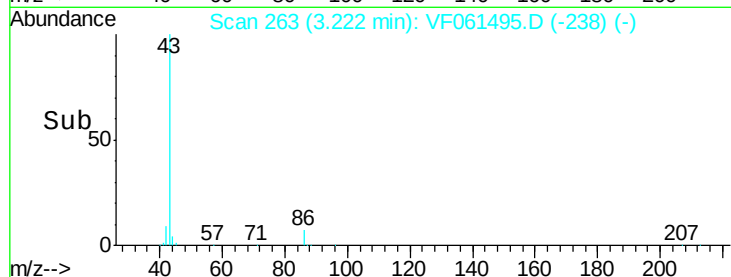
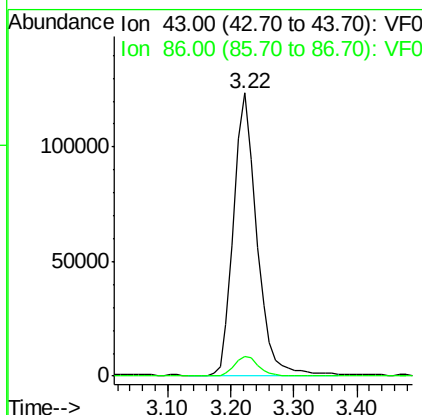
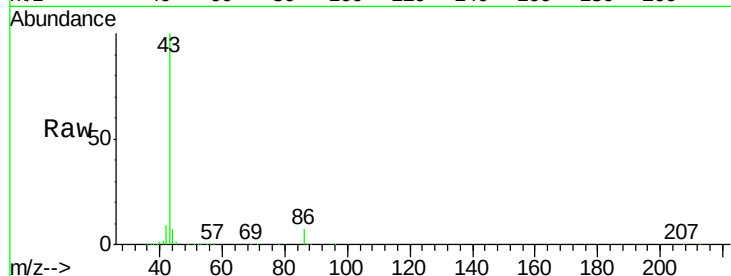
#23  
 Vinyl Acetate  
 Concen: 108.898 ug/l  
 RT: 3.22 min Scan# 263  
 Delta R.T. 0.05 min  
 Lab File: VF061495.D  
 Acq: 24 Jan 2019 12:47

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0124SBS01

| Tot Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 43      | 100   |      |       |       |
| 86      | 7.1   |      | 6.2   | 9.4   |

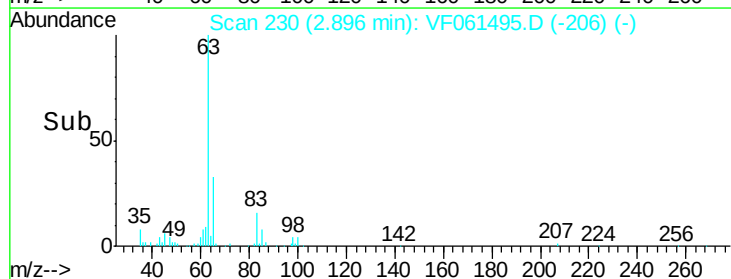
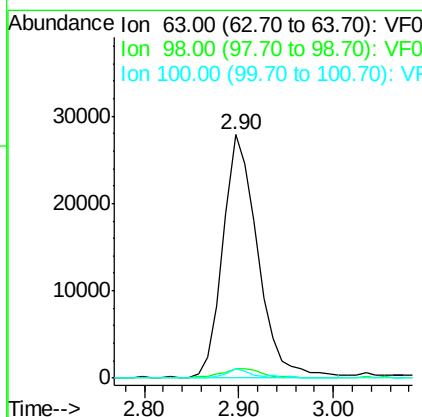
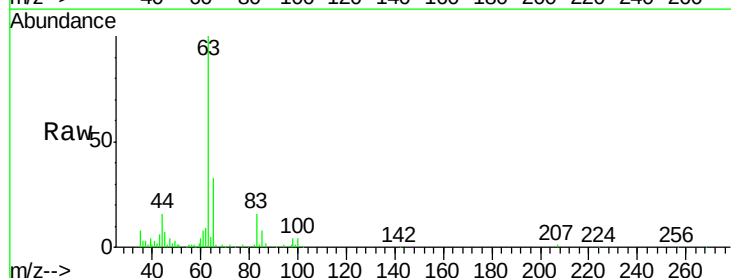
Manual Integrations  
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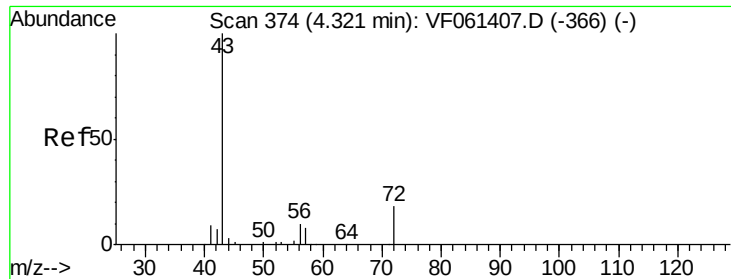


#24  
 1,1-Dichloroethane  
 Concen: 17.053 ug/l  
 RT: 2.90 min Scan# 230  
 Delta R.T. 0.04 min  
 Lab File: VF061495.D  
 Acq: 24 Jan 2019 12:47

| Tgt Ion | Ratio | Resp | Lower | Upper |
|---------|-------|------|-------|-------|
| 63      | 100   |      |       |       |
| 98      | 3.9   |      | 2.9   | 8.8   |
| 100     | 3.7   |      | 1.6   | 4.8   |







#25

2-Butanone

Concen: 118.574 ug/l

RT: 4.38 min Scan# 380

Delta R.T. 0.06 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

Instrument :

MSVOA\_F

ClientSampleId :

VF0124SBS01

Tot Ion: 43 Resp: 102842

Ion Ratio Lower Upper

43 100

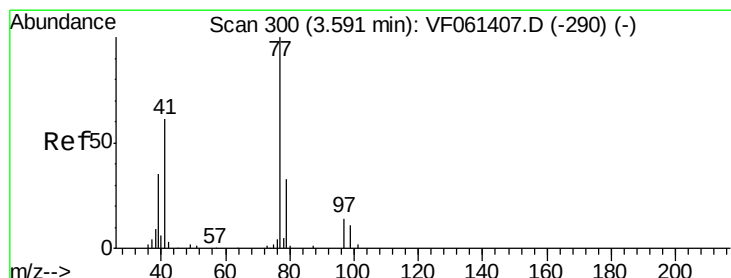
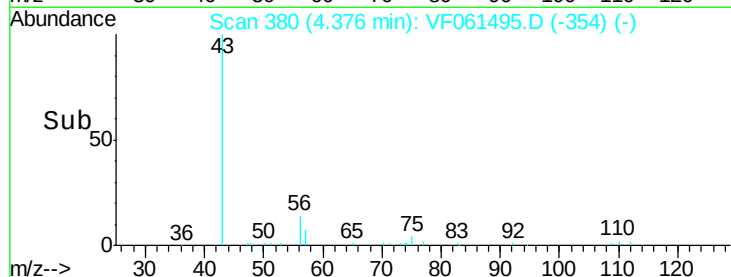
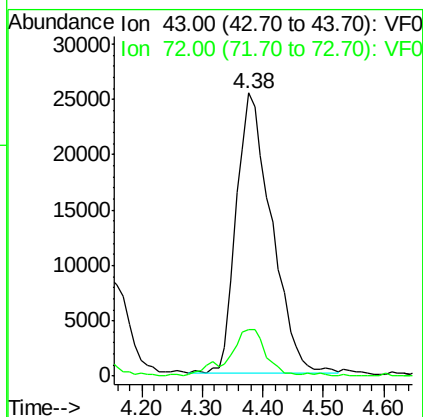
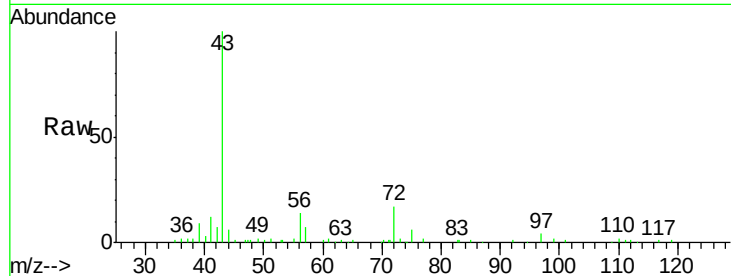
72 16.6 15.8 23.6

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#26

2,2-Dichloropropane

Concen: 16.712 ug/l

RT: 3.64 min Scan# 305

Delta R.T. 0.05 min

Lab File: VF061495.D

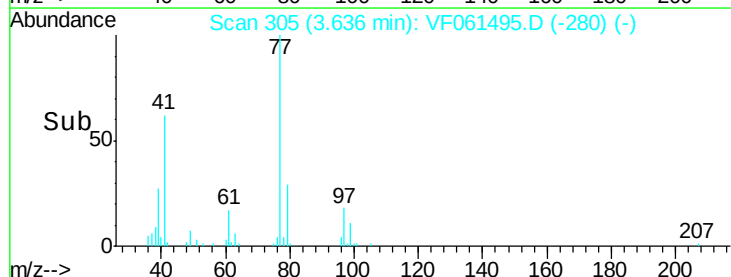
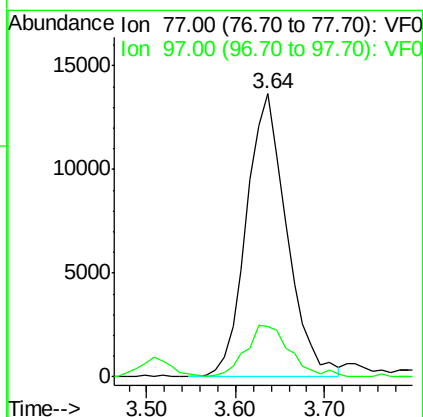
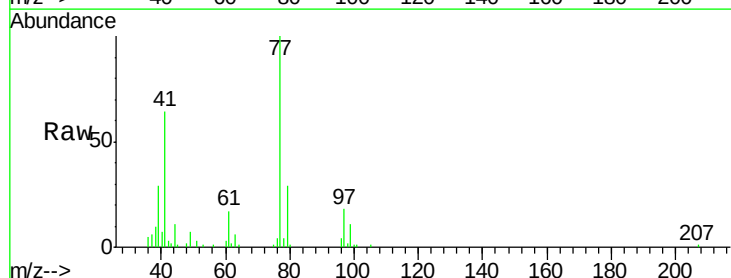
Acq: 24 Jan 2019 12:47

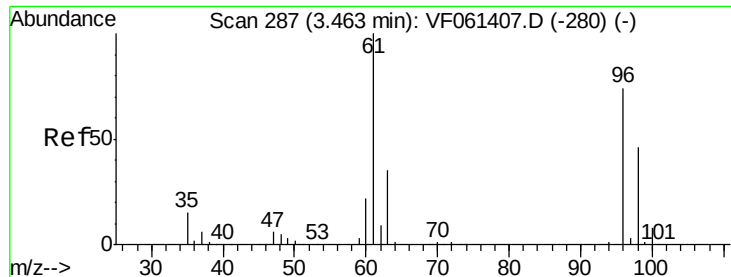
Tgt Ion: 77 Resp: 42949

Ion Ratio Lower Upper

77 100

97 17.8 8.5 25.5





#27

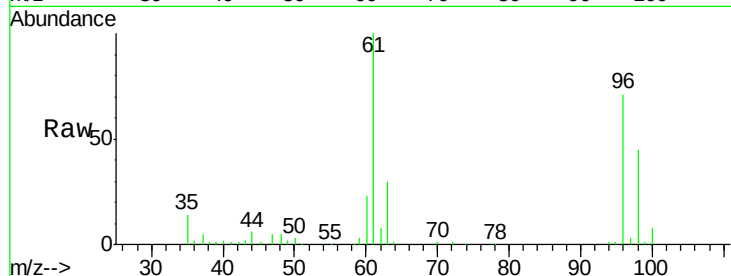
cis-1,2-Dichloroethene  
Concen: 19.520 ug/l  
RT: 3.51 min Scan# 292  
Delta R.T. 0.05 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0124SBS01

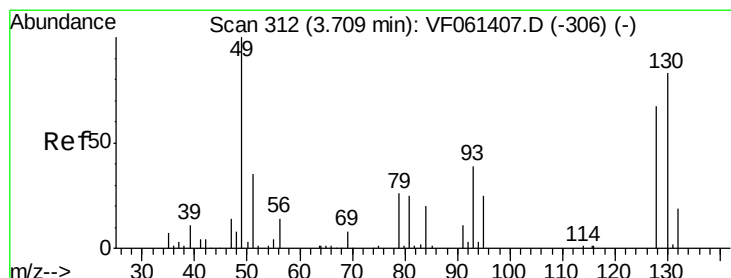
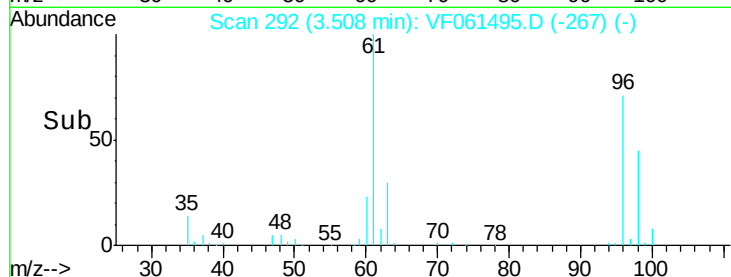
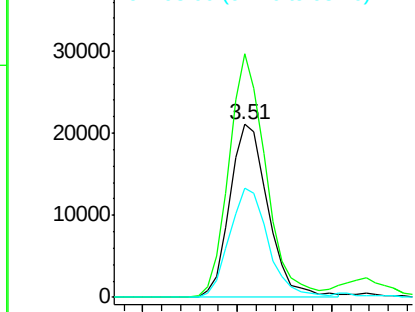
| Tot Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 96      | 100   | 59375 |       |       |
| 61      | 140.8 |       | 0.0   | 270.2 |
| 98      | 62.9  |       | 0.0   | 124.0 |

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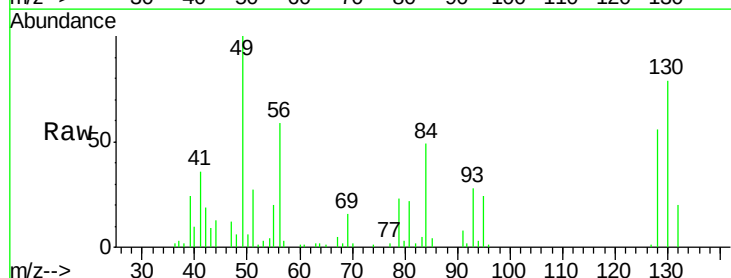
Abundance Ion 96.00 (95.70 to 96.70): VF0  
Ion 61.00 (60.70 to 61.70): VF0  
Ion 98.00 (97.70 to 98.70): VF0



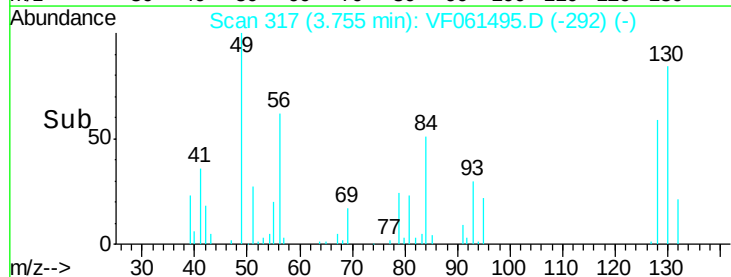
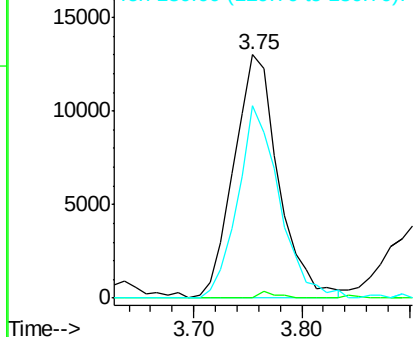
#28

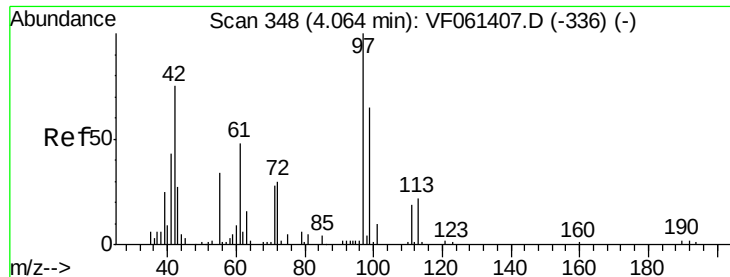
Bromochloromethane  
Concen: 19.887 ug/l  
RT: 3.75 min Scan# 317  
Delta R.T. 0.05 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 49      | 100   | 37393 |       |       |
| 129     | 0.0   |       | 0.0   | 0.0   |
| 130     | 79.2  |       | 65.4  | 98.2  |



Abundance Ion 49.00 (48.70 to 49.70): VF0  
Ion 129.00 (128.70 to 129.70): V  
Ion 130.00 (129.70 to 130.70): V





#29

Tetrahydrofuran

Concen: 100.676 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.06 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

Instrument :

MSVOA\_F

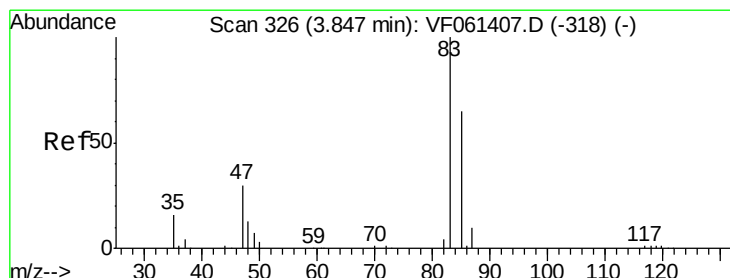
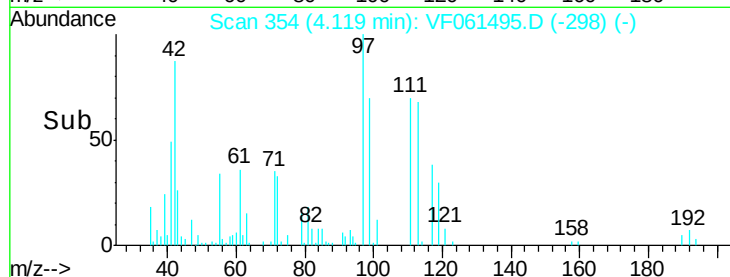
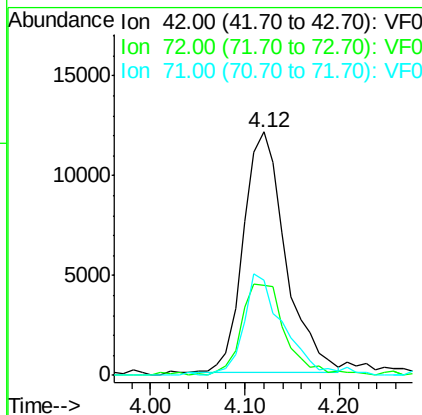
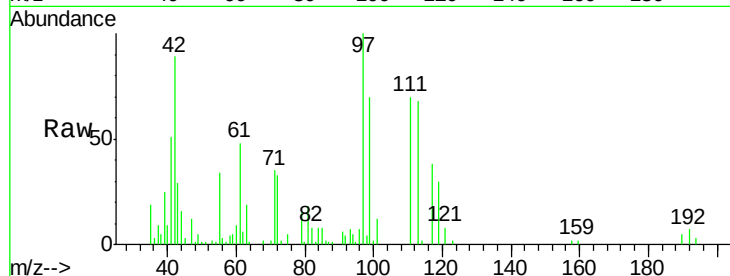
ClientSampleId :

VF0124SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 42    | Resp: | 37599 |
| Ion      | Ratio | Lower | Upper |
| 42       | 100   |       |       |
| 72       | 40.0  | 28.9  | 43.3  |
| 71       | 39.9  | 29.6  | 44.4  |

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#30

Chloroform

Concen: 19.331 ug/l

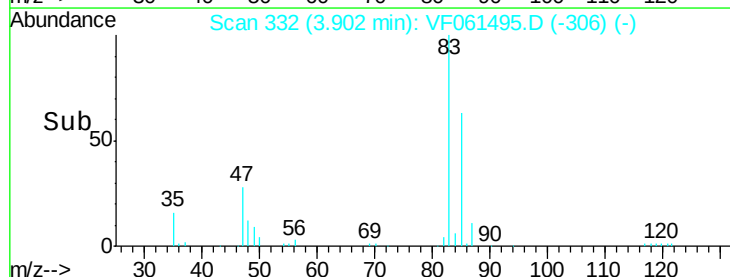
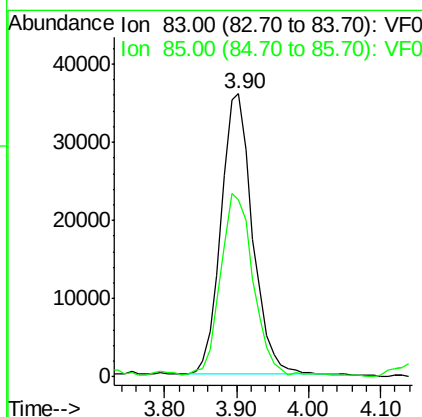
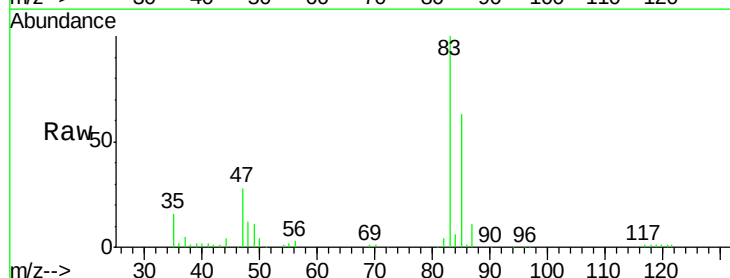
RT: 3.90 min Scan# 332

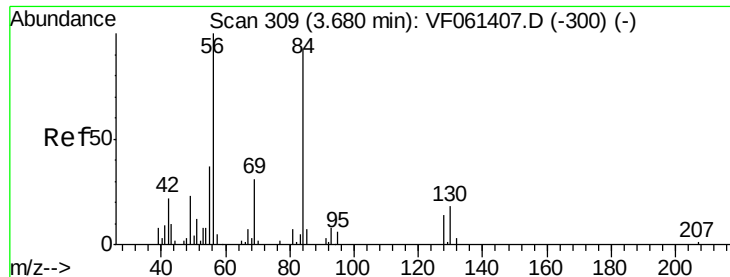
Delta R.T. 0.06 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 109131 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 85       | 62.6  | 52.7  | 79.1   |





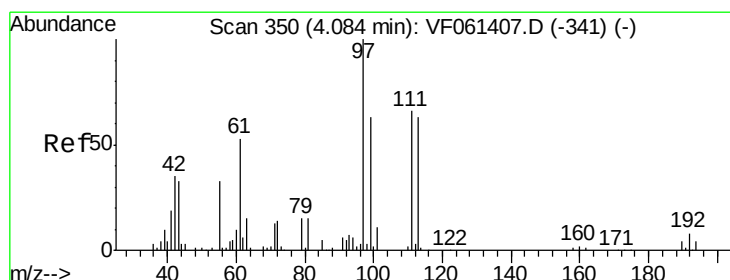
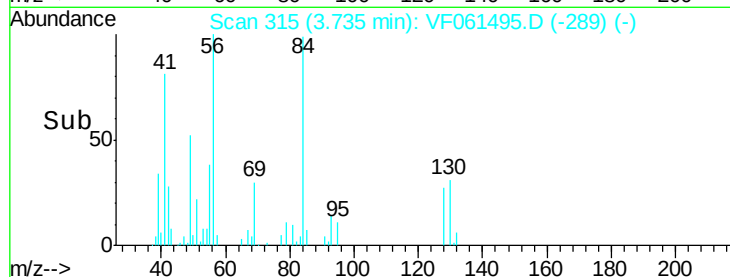
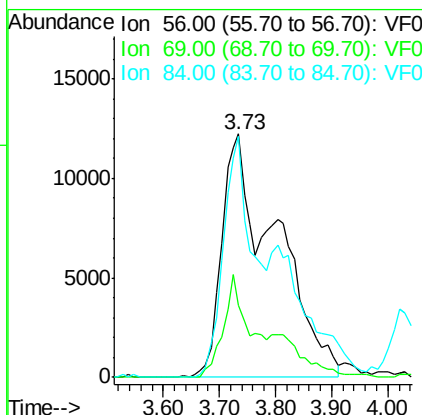
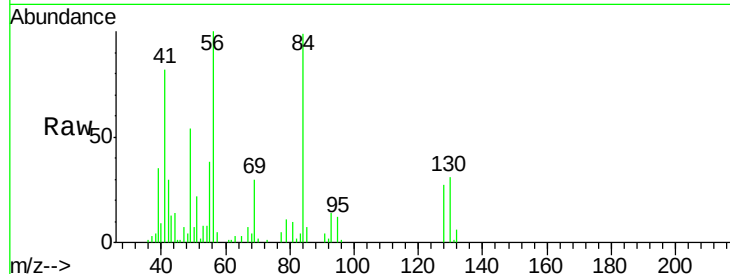
#31  
Cyclohexane  
Concen: 19.487 ug/l m  
RT: 3.73 min Scan# 315  
Delta R.T. 0.06 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 56      | 100   |       |       |
| 69      | 29.8  | 24.6  | 36.8  |
| 84      | 98.8  | 74.2  | 111.2 |

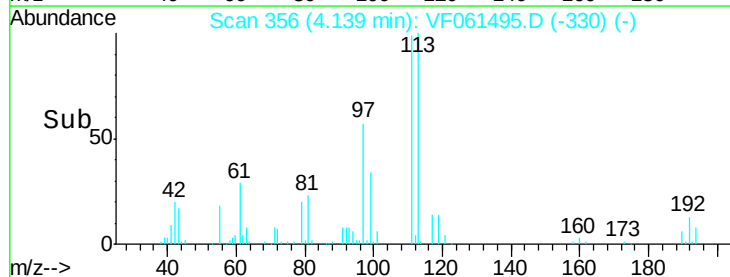
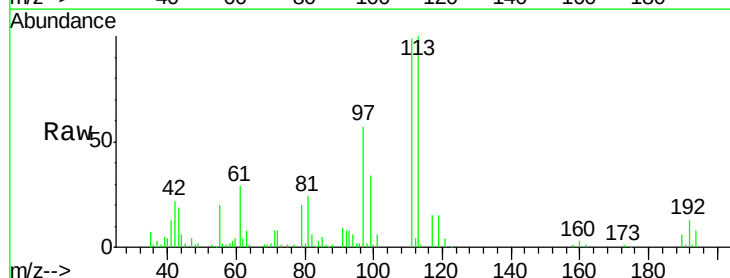
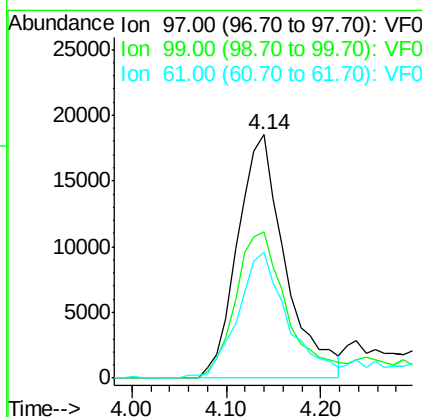
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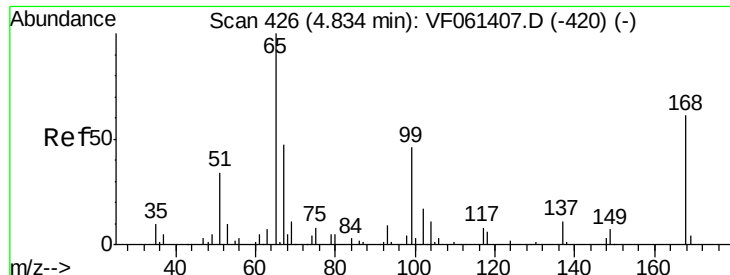
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#32  
1,1,1-Trichloroethane  
Concen: 15.674 ug/l  
RT: 4.14 min Scan# 356  
Delta R.T. 0.06 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 97      | 100   |       |       |
| 99      | 60.4  | 50.1  | 75.1  |
| 61      | 51.5  | 43.1  | 64.7  |





#33

1,2-Dichloroethane-d4

Concen: 42.061 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.05 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

Tot Ion: 65 Resp: 109352

Ion Ratio Lower Upper

65 100

67 50.4 0.0 99.8

Instrument :

MSVOA\_F

ClientSampleId :

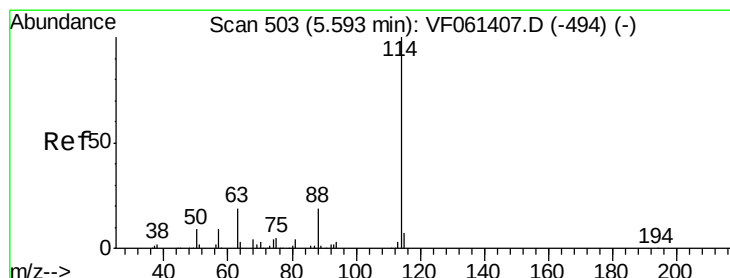
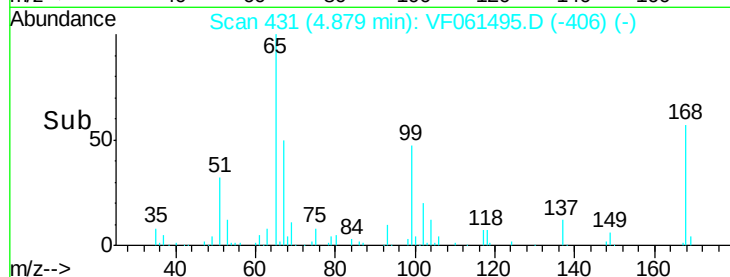
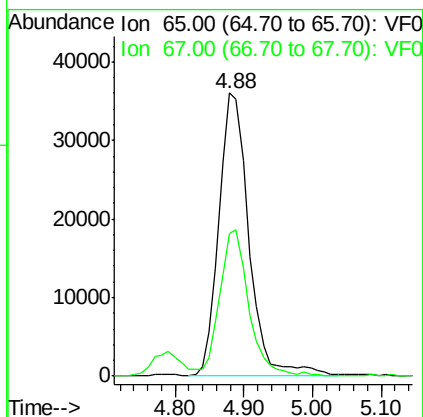
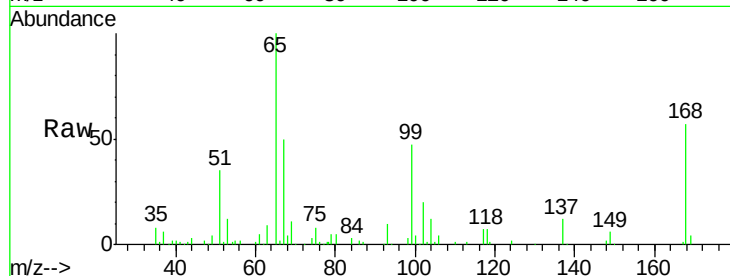
VF0124SBS01

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 508

Delta R.T. 0.05 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

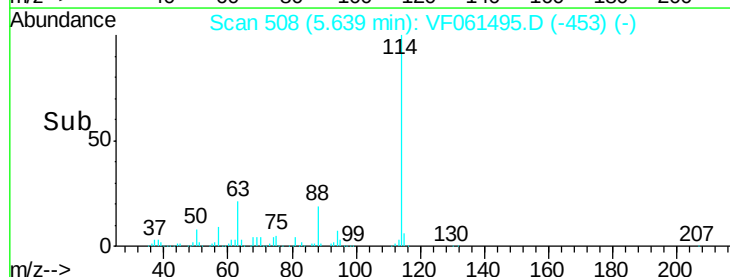
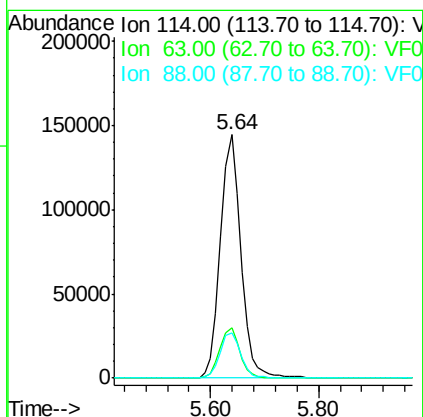
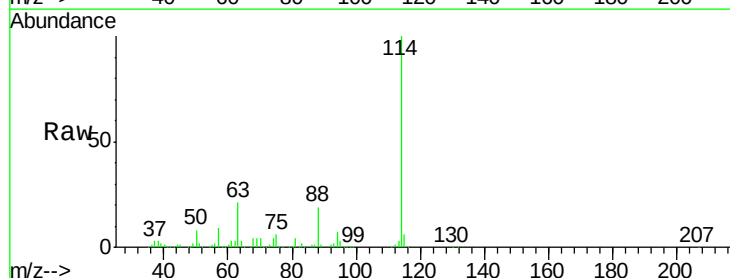
Tgt Ion: 114 Resp: 381091

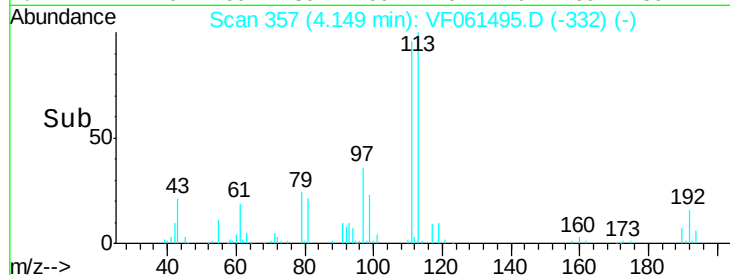
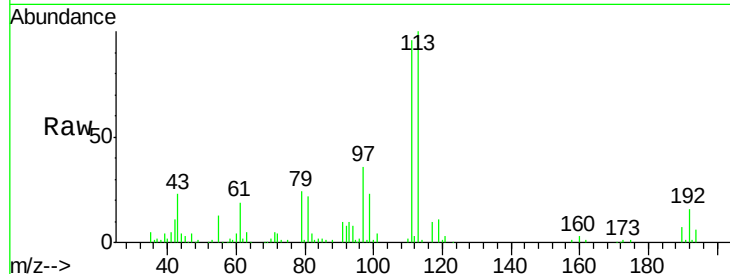
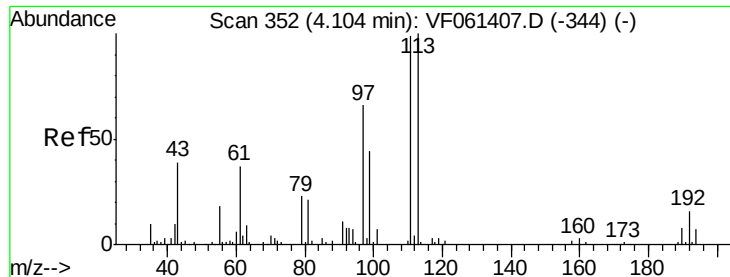
Ion Ratio Lower Upper

114 100

63 20.6 0.0 39.0

88 18.6 0.0 37.4





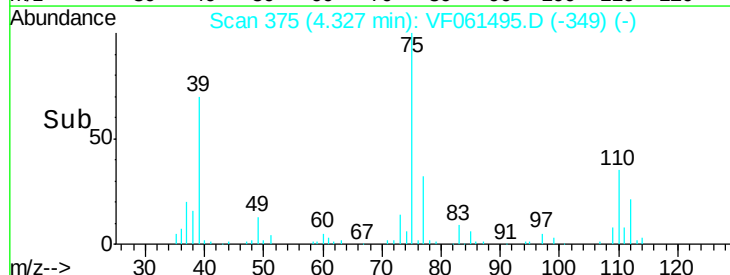
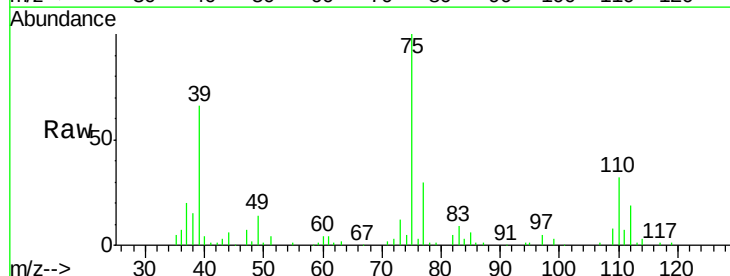
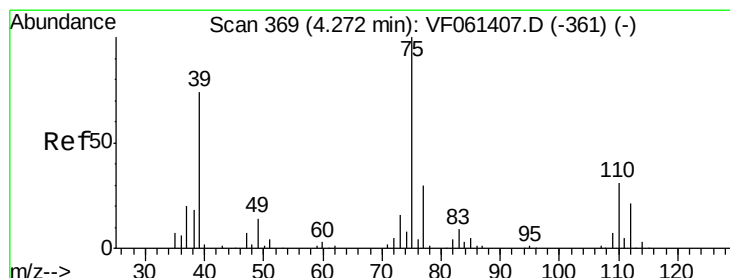
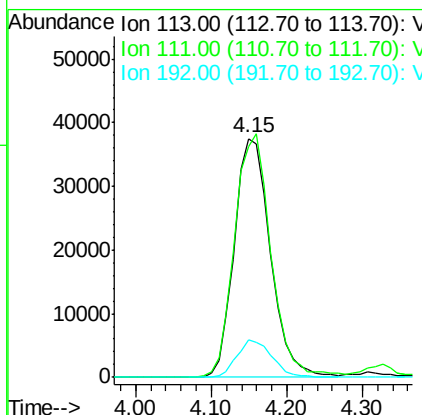
#35  
Dibromofluoromethane  
Concen: 41.422 ug/l  
RT: 4.15 min Scan# 357  
Delta R.T. 0.05 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 113     | 100   | 124561 |       |       |
| 111     | 96.5  | 79.4   | 119.0 |       |
| 192     | 16.5  | 12.4   | 18.6  |       |

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0124SBS01

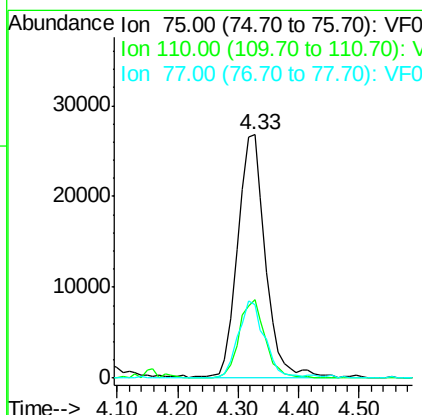
Manual Integrations  
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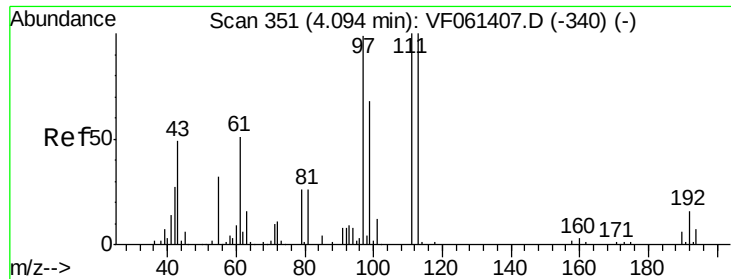
MMDadoda  
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#36  
1,1-Dichloropropene  
Concen: 19.394 ug/l  
RT: 4.33 min Scan# 375  
Delta R.T. 0.06 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 75      | 100   | 85692 |       |       |
| 110     | 32.1  | 15.8  | 47.3  |       |
| 77      | 30.0  | 24.0  | 36.0  |       |





#37

Ethyl Acetate

Concen: 19.233 ug/l

RT: 4.15 min Scan# 357

Delta R.T. 0.06 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

Instrument :

MSVOA\_F

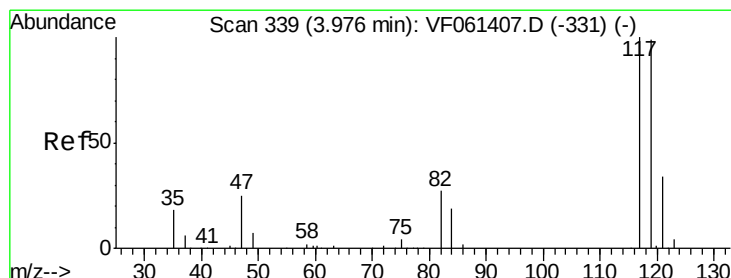
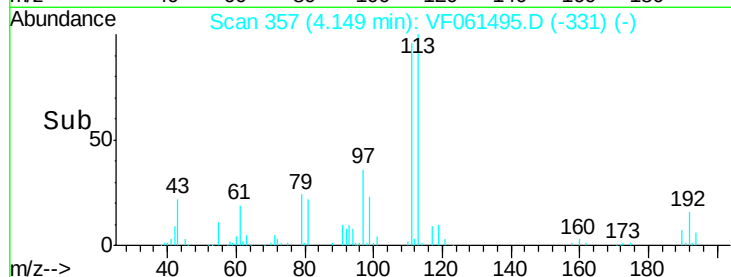
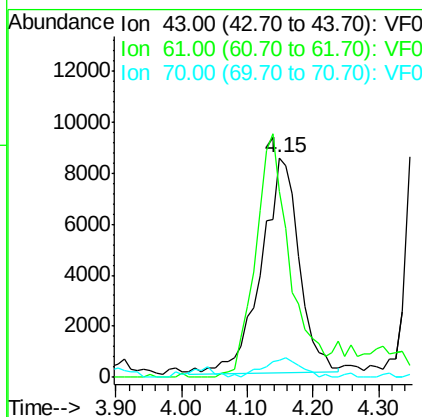
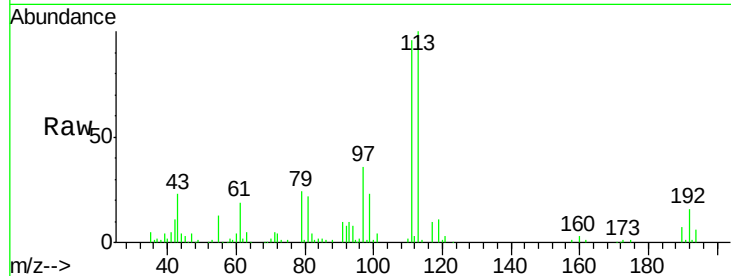
ClientSampleId :

VF0124SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 43    | Resp: | 33971 |
| Ion      | Ratio | Lower | Upper |
| 43       | 100   |       |       |
| 61       | 84.6  | 81.7  | 122.5 |
| 70       | 7.6   | 6.2   | 9.2   |

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#38

Carbon Tetrachloride

Concen: 15.315 ug/l

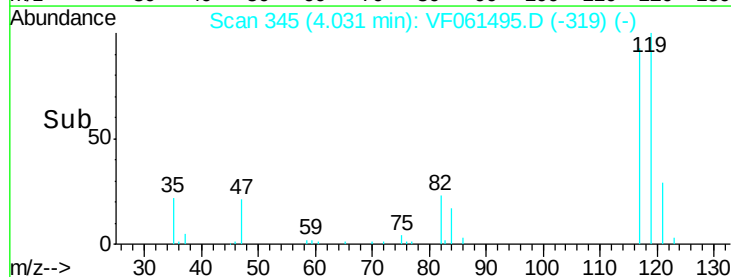
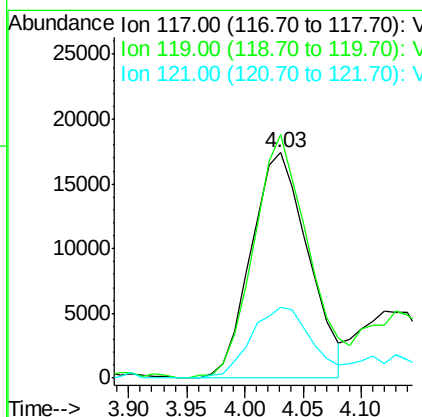
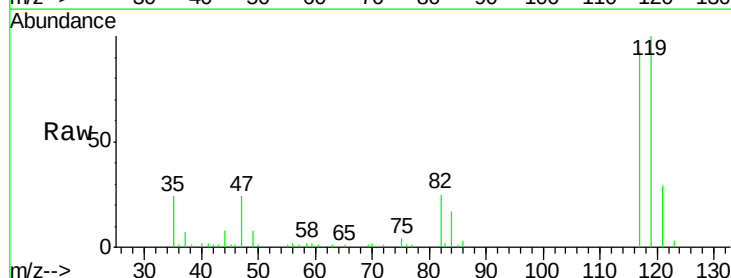
RT: 4.03 min Scan# 345

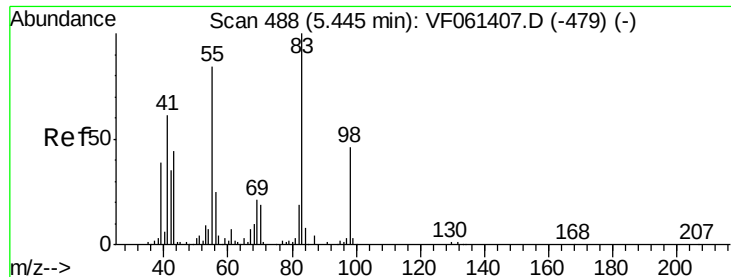
Delta R.T. 0.06 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 117   | Resp: | 59159 |
| Ion      | Ratio | Lower | Upper |
| 117      | 100   |       |       |
| 119      | 108.0 | 79.0  | 118.6 |
| 121      | 31.3  | 27.0  | 40.6  |





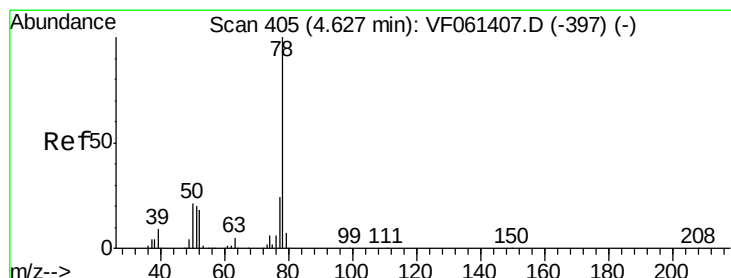
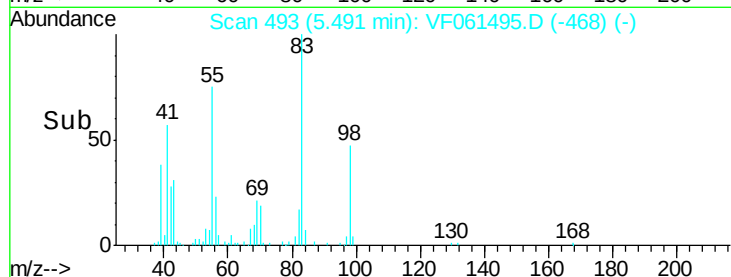
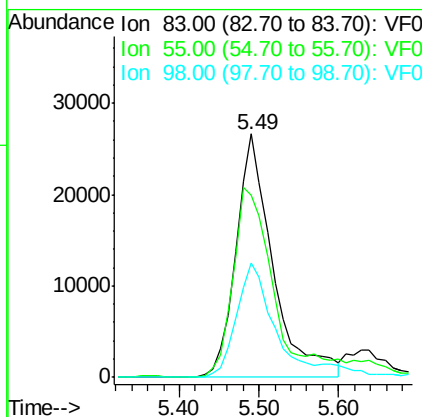
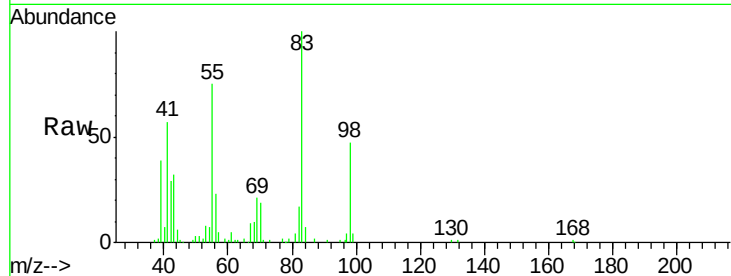
#39  
Methylvlcyclohexane  
Concen: 17.897 ug/l  
RT: 5.49 min Scan# 493  
Delta R.T. 0.05 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 74.9  | 67.4  | 101.2 |
| 98      | 46.9  | 36.7  | 55.1  |

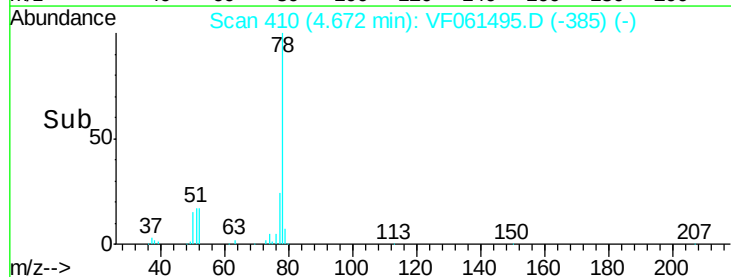
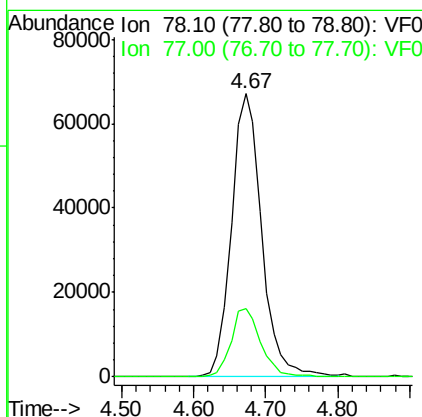
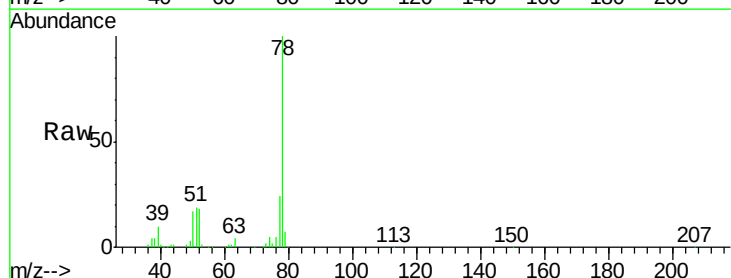
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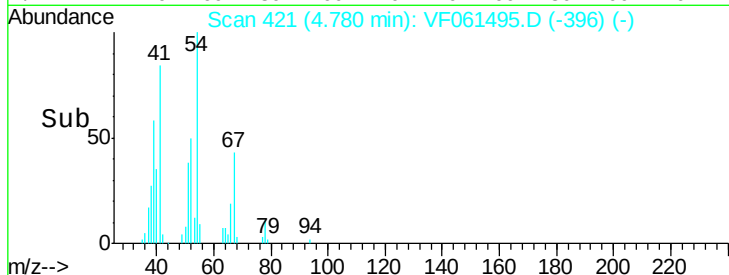
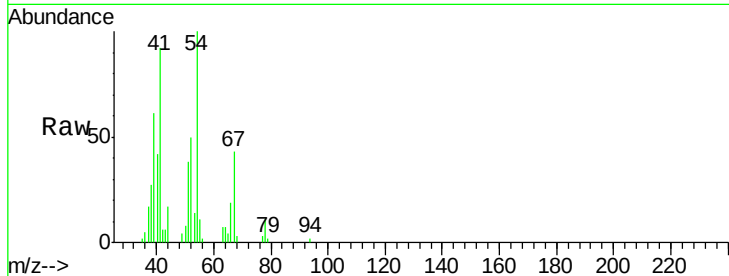
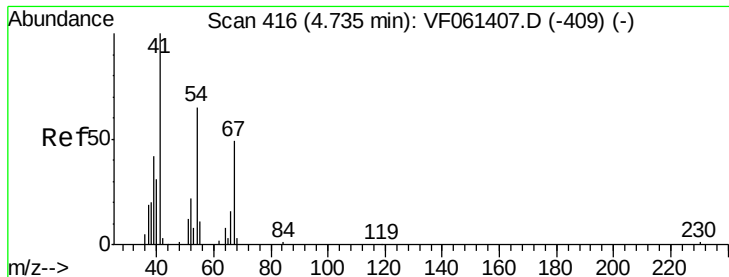


#40  
Benzene  
Concen: 19.946 ug/l  
RT: 4.67 min Scan# 410  
Delta R.T. 0.05 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 24.1  | 19.0  | 28.6  |







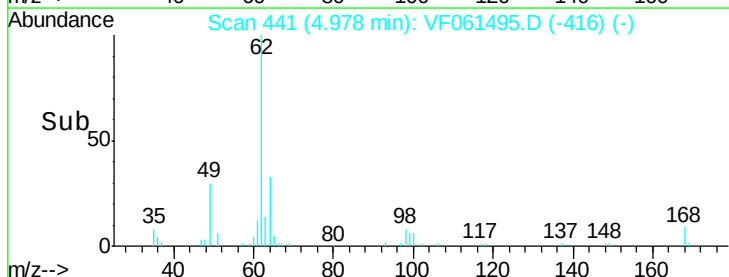
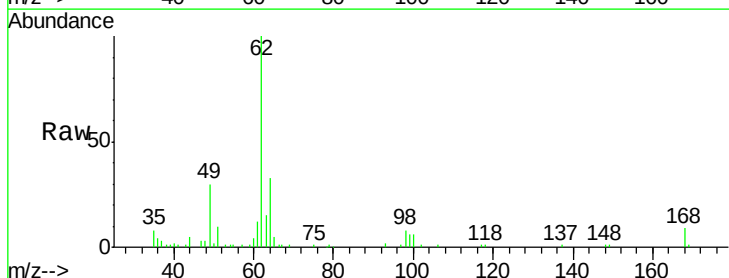
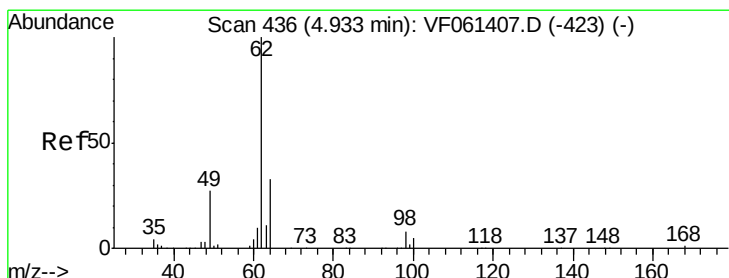
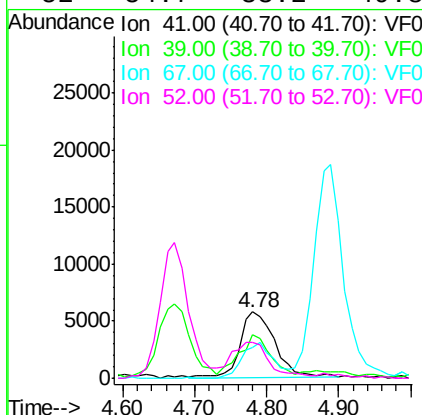
#41  
Methacrylonitrile  
Concen: 20.477 ug/l  
RT: 4.78 min Scan# 421  
Delta R.T. 0.05 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

| Tot Ion | Ion  | Ratio | Resp  | Lower | Upper |
|---------|------|-------|-------|-------|-------|
| 41      | 100  |       | 19245 |       |       |
| 39      | 66.1 | 43.1  | 64.7# |       |       |
| 67      | 47.1 | 38.8  | 58.2  |       |       |
| 52      | 54.7 | 33.2  | 49.8# |       |       |

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0124SBS01

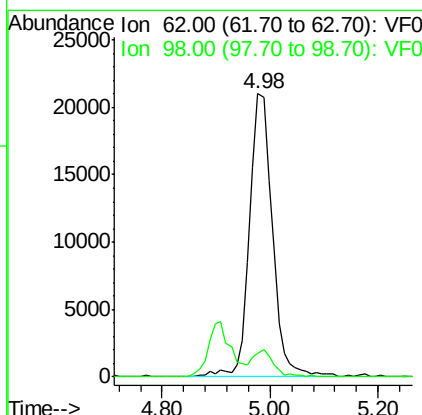
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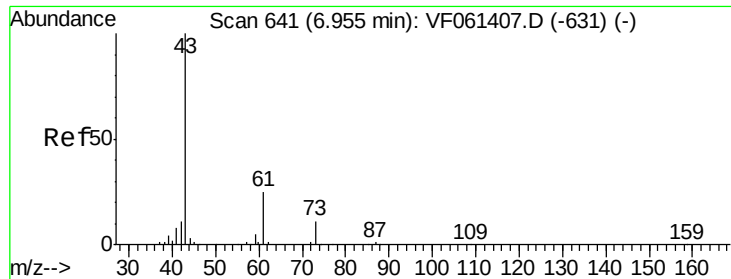
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#42  
1,2-Dichloroethane  
Concen: 17.738 ug/l  
RT: 4.98 min Scan# 441  
Delta R.T. 0.05 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

| Tgt Ion | Ion | Ratio | Resp  | Lower | Upper |
|---------|-----|-------|-------|-------|-------|
| 62      | 100 |       | 62148 |       |       |
| 98      | 8.2 | 0.0   | 17.0  |       |       |





#43

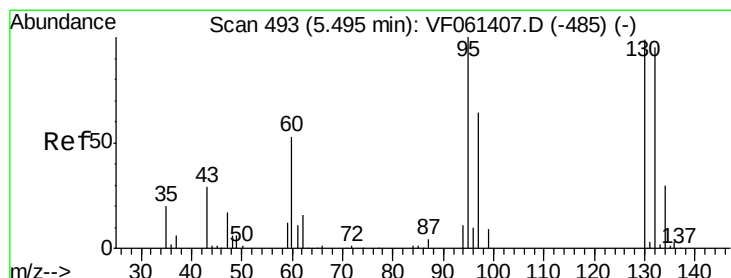
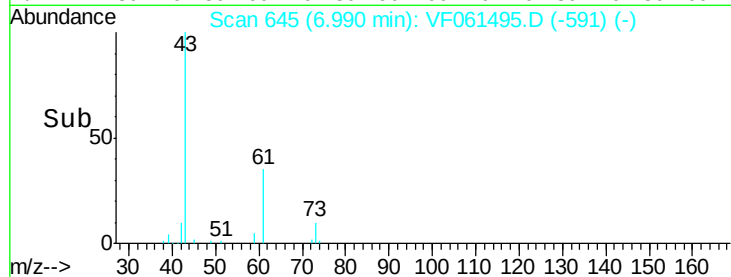
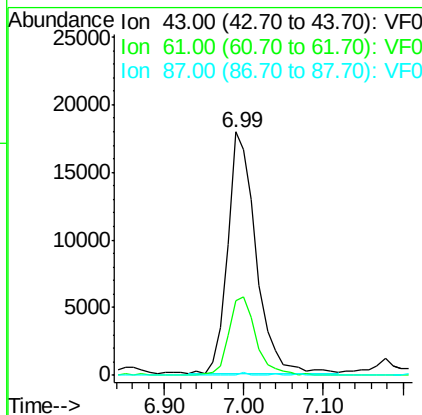
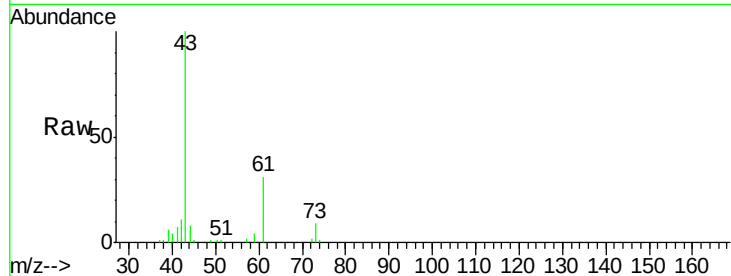
Isopropyl Acetate  
 Concen: 19.912 ug/l  
 RT: 6.99 min Scan# 645  
 Delta R.T. 0.04 min  
 Lab File: VF061495.D  
 Acq: 24 Jan 2019 12:47

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 43      | 100   |       |       |
| 61      | 30.8  | 20.3  | 30.5# |
| 87      | 0.0   | 0.5   | 0.7#  |

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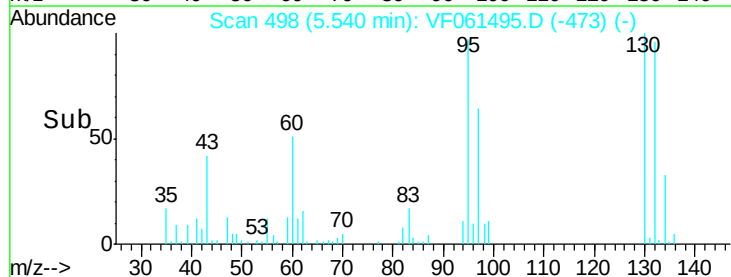
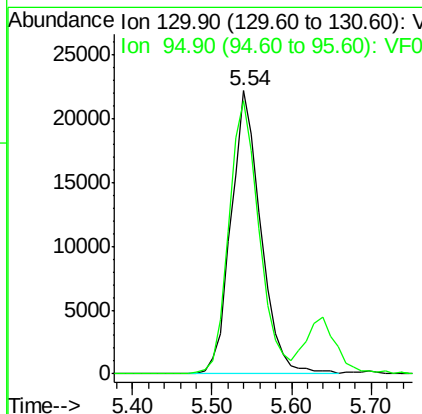
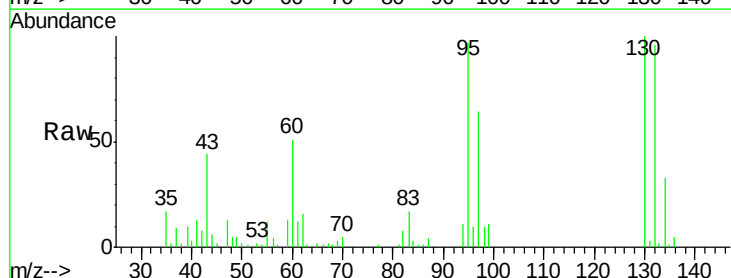
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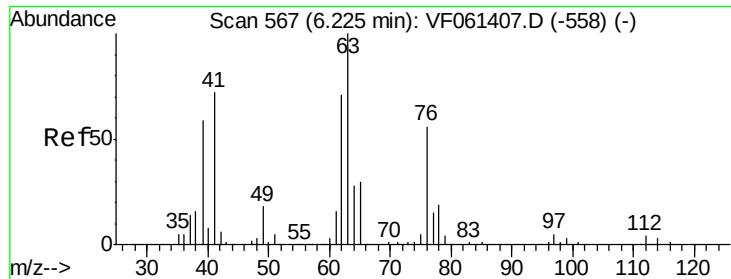


#44

Trichloroethene  
 Concen: 19.284 ug/l  
 RT: 5.54 min Scan# 498  
 Delta R.T. 0.05 min  
 Lab File: VF061495.D  
 Acq: 24 Jan 2019 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 130     | 100   |       |       |
| 95      | 96.6  | 0.0   | 202.8 |





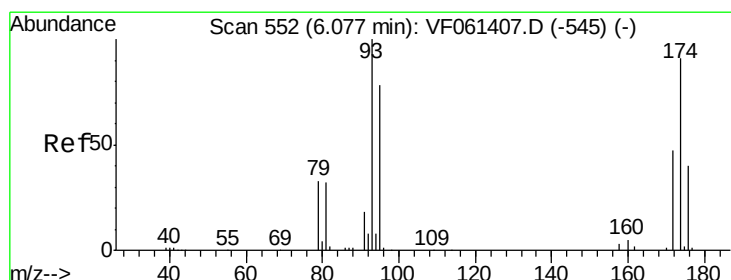
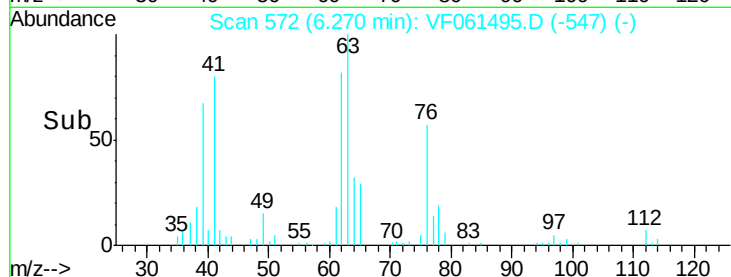
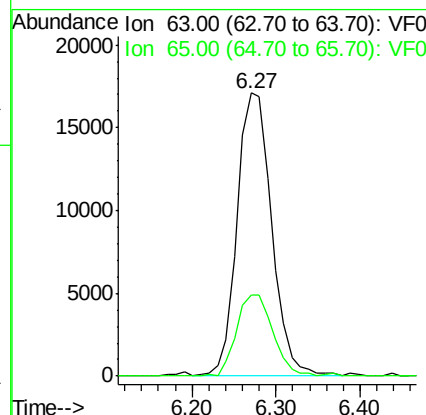
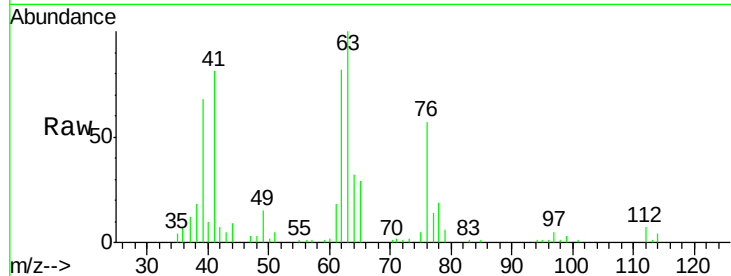
#45  
 1,2-Dichloropropane  
 Concen: 19.012 ug/l  
 RT: 6.27 min Scan# 572  
 Delta R.T. 0.05 min  
 Lab File: VF061495.D  
 Acq: 24 Jan 2019 12:47

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0124SBS01

Tot Ion: 63 Resp: 49059  
 Ion Ratio Lower Upper  
 63 100  
 65 28.8 24.4 36.6

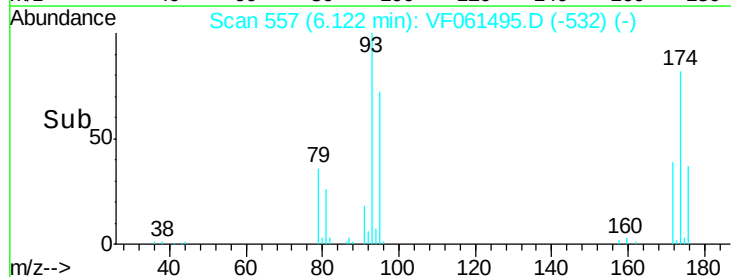
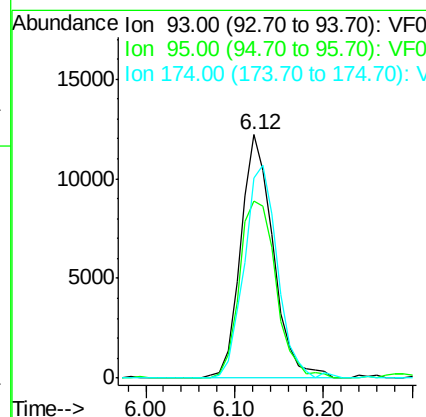
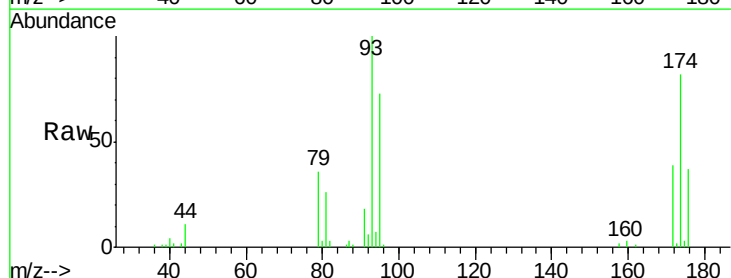
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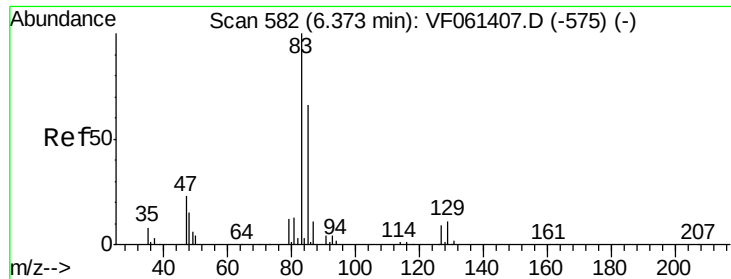
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#46  
 Dibromomethane  
 Concen: 18.008 ug/l  
 RT: 6.12 min Scan# 557  
 Delta R.T. 0.05 min  
 Lab File: VF061495.D  
 Acq: 24 Jan 2019 12:47

Tgt Ion: 93 Resp: 30899  
 Ion Ratio Lower Upper  
 93 100  
 95 72.9 62.1 93.1  
 174 82.4 74.6 111.8





#47

Bromodichloromethane

Concen: 17.887 ug/l

RT: 6.43 min Scan# 588

Delta R.T. 0.06 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

Instrument :

MSVOA\_F

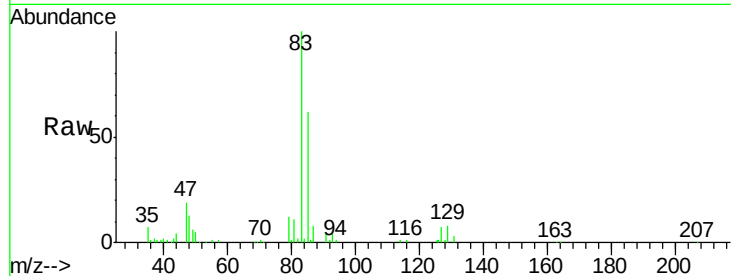
ClientSampleId :

VF0124SBS01

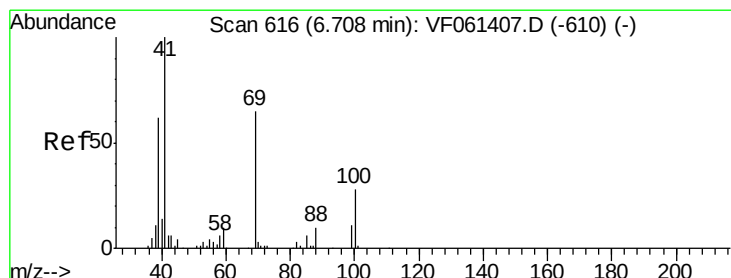
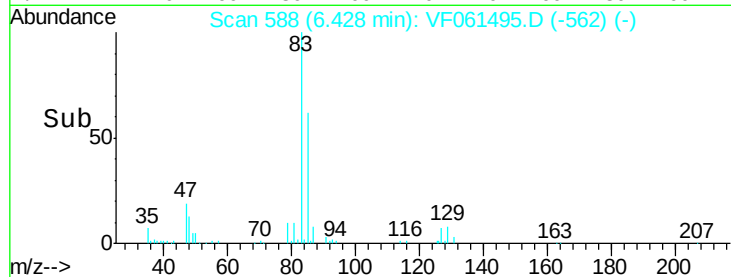
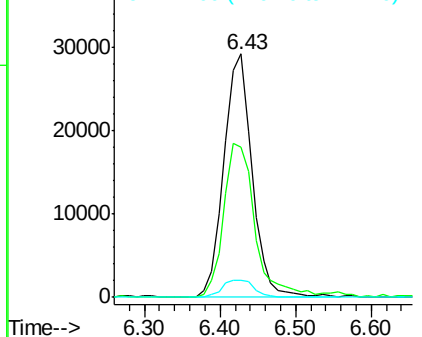
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 83    | Resp: | 75938 |
| Ion      | Ratio | Lower | Upper |
| 83       | 100   |       |       |
| 85       | 61.6  | 53.0  | 79.4  |
| 127      | 7.1   | 6.9   | 10.3  |

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Abundance Ion 83.00 (82.70 to 83.70): VF0  
Ion 85.00 (84.70 to 85.70): VF0  
Ion 127.00 (126.70 to 127.70): V



#48

Methyl methacrylate

Concen: 20.550 ug/l

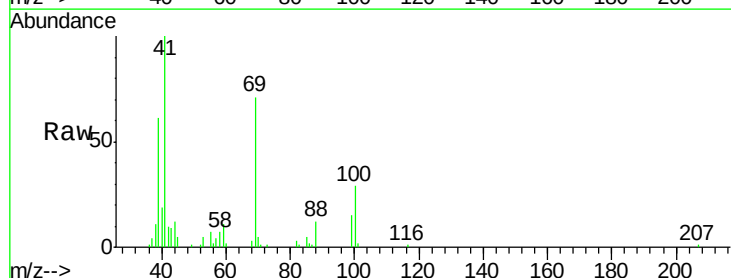
RT: 6.75 min Scan# 621

Delta R.T. 0.05 min

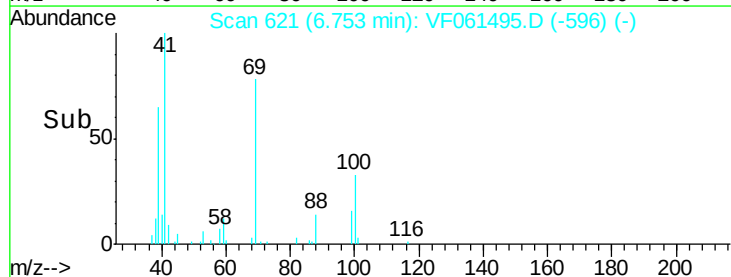
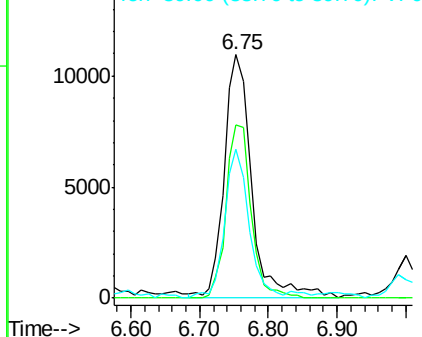
Lab File: VF061495.D

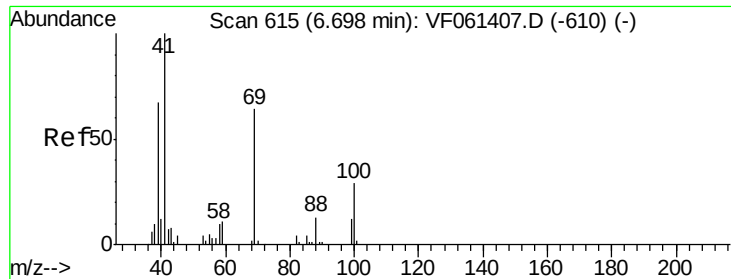
Acq: 24 Jan 2019 12:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 41    | Resp: | 30590 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 69       | 71.0  | 51.7  | 77.5  |
| 39       | 61.2  | 49.2  | 73.8  |



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





#49

1,4-Dioxane

Concen: 344.668 ug/l

RT: 6.75 min Scan# 621

Delta R.T. 0.06 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

Instrument :

MSVOA\_F

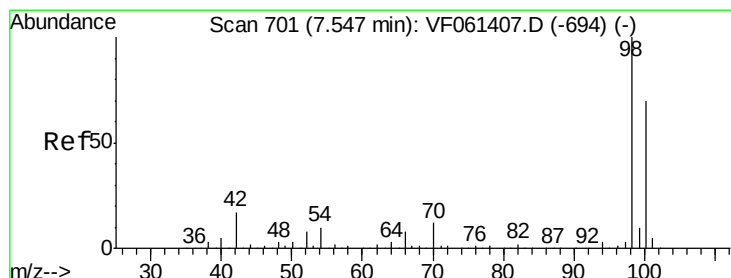
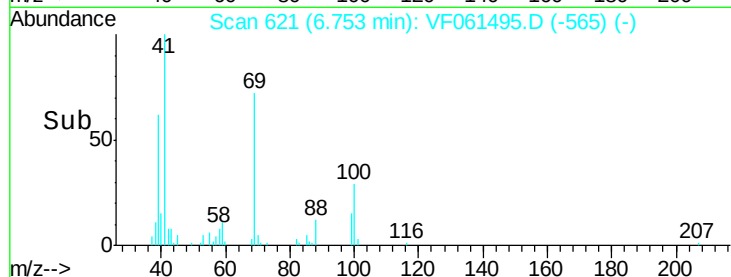
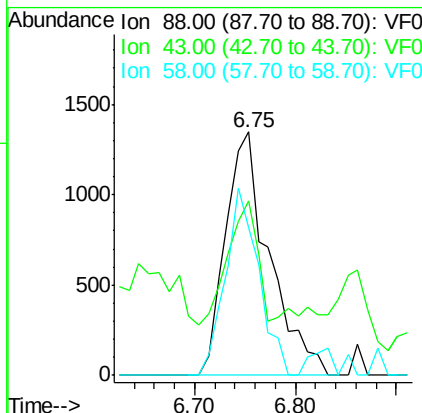
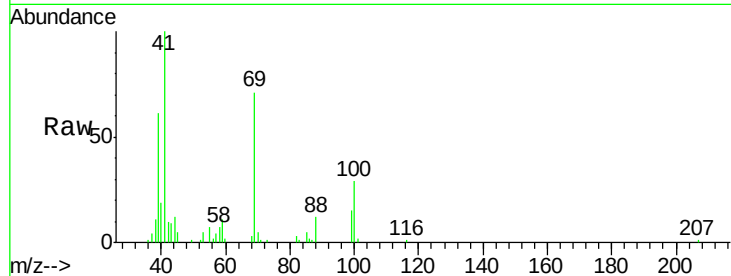
ClientSampleId :

VF0124SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 88    | Resp: | 4054  |
| Ion      | Ratio | Lower | Upper |
| 88       | 100   |       |       |
| 43       | 71.5  | 55.5  | 83.3  |
| 58       | 60.6  | 59.9  | 89.9  |

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#50

Toluene-d8

Concen: 42.547 ug/l

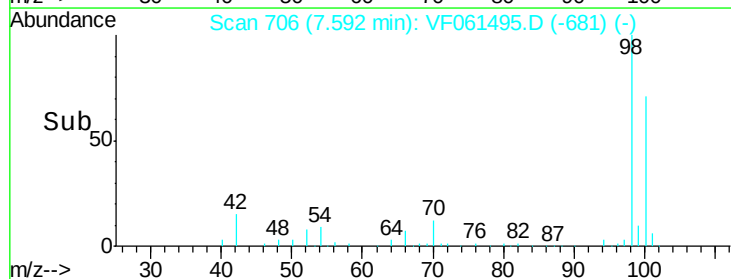
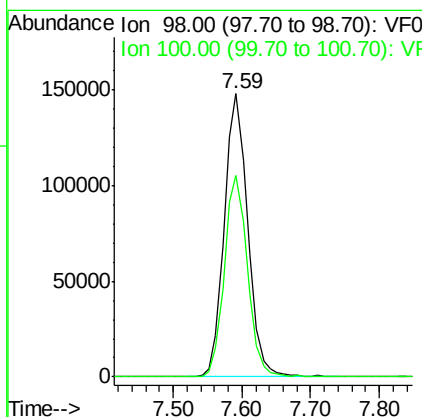
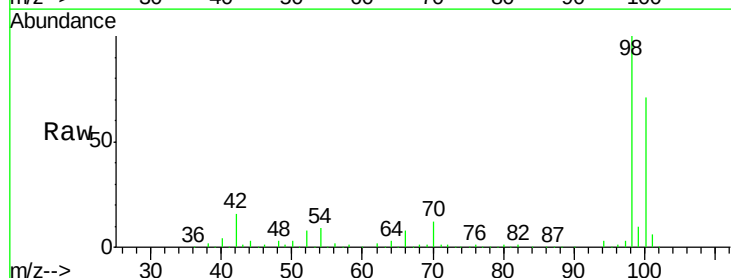
RT: 7.59 min Scan# 706

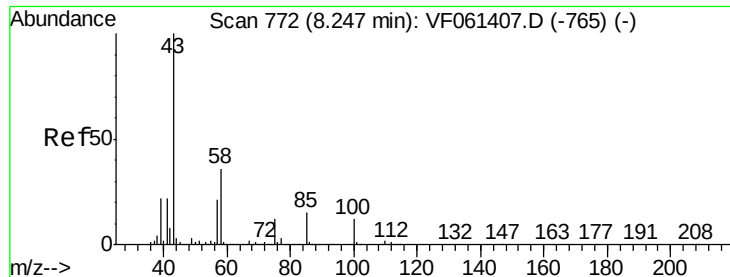
Delta R.T. 0.05 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 98    | Resp: | 350548 |
| Ion      | Ratio | Lower | Upper  |
| 98       | 100   |       |        |
| 100      | 71.2  | 55.6  | 83.4   |





#51

4-Methyl-2-Pentanone

Concen: 99.663 ug/l

RT: 8.29 min Scan# 777

Delta R.T. 0.05 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

Instrument :

MSVOA\_F

ClientSampleId :

VF0124SBS01

Tot Ion: 43 Resp: 162417

Ion Ratio Lower Upper

43 100

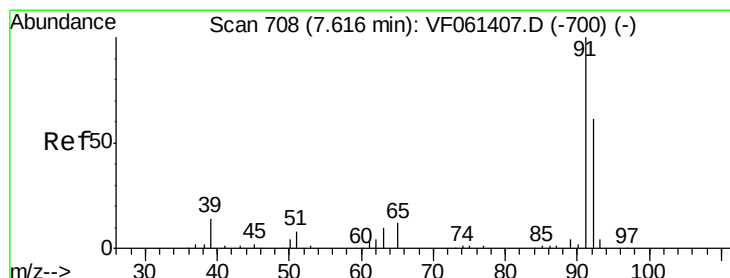
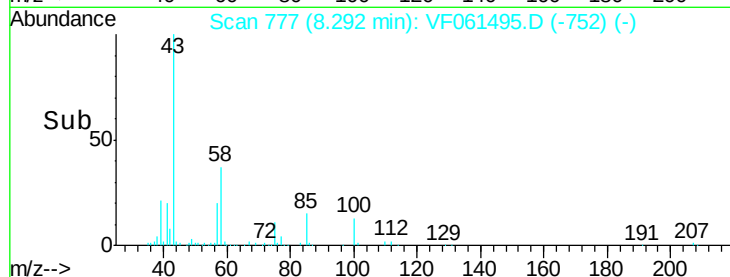
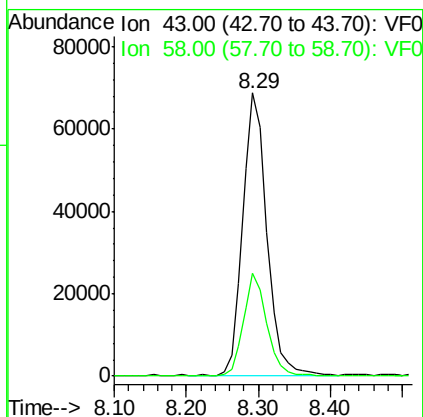
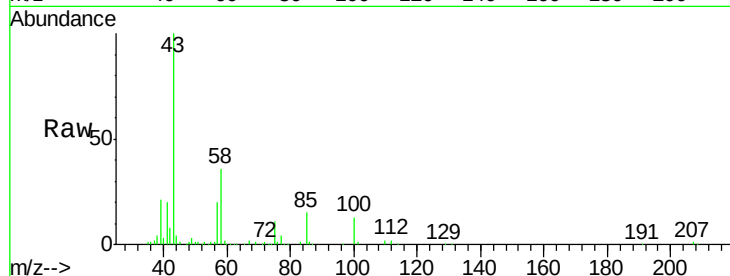
58 36.2 28.8 43.2

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#52

Toluene

Concen: 17.961 ug/l

RT: 7.66 min Scan# 713

Delta R.T. 0.05 min

Lab File: VF061495.D

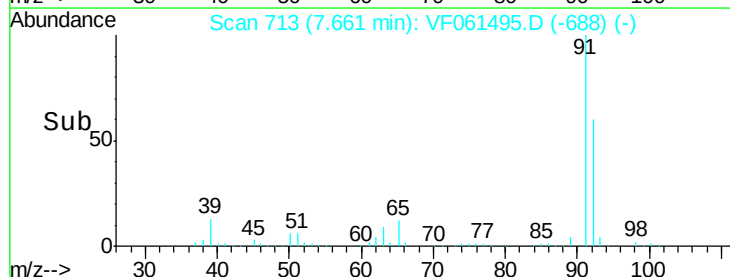
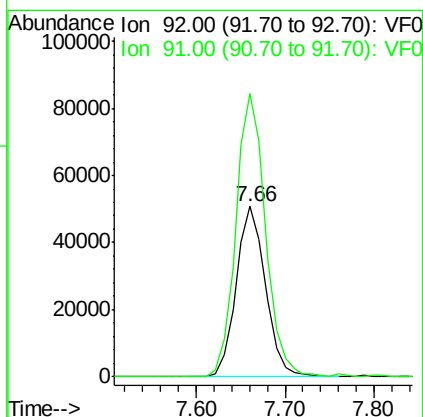
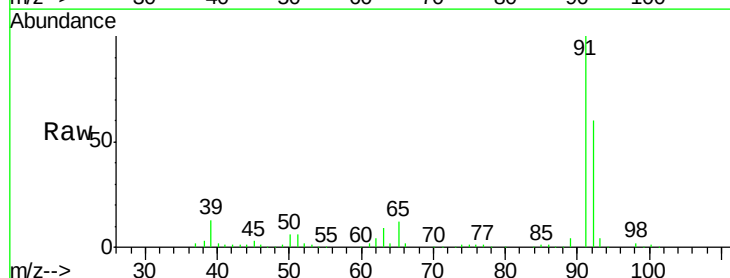
Acq: 24 Jan 2019 12:47

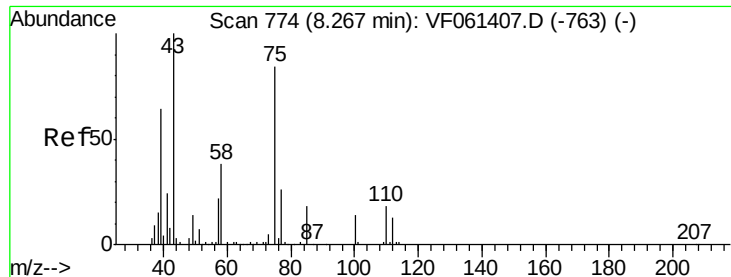
Tgt Ion: 92 Resp: 116291

Ion Ratio Lower Upper

92 100

91 166.0 131.2 196.8





#53

t-1,3-Dichloropropene

Concen: 18.632 ug/l

RT: 8.31 min Scan# 779

Delta R.T. 0.05 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

Instrument :

MSVOA\_F

ClientSampleId :

VF0124SBS01

Tot Ion: 75 Resp: 62809

Ion Ratio Lower Upper

75 100

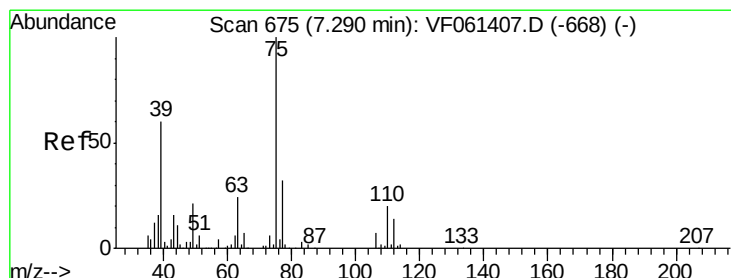
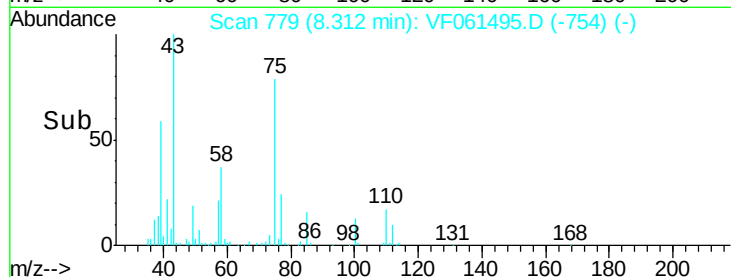
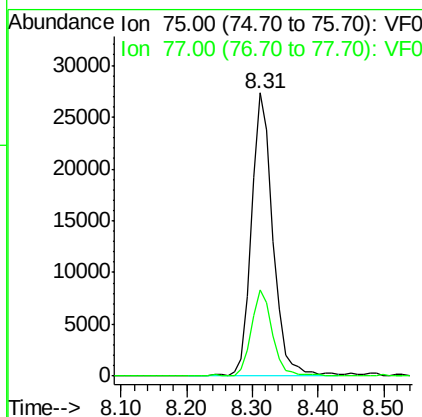
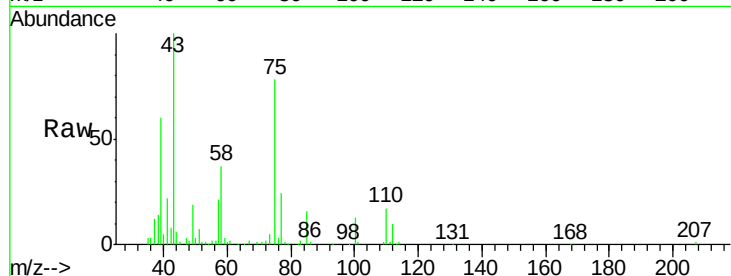
77 30.4 24.4 36.6

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#54

cis-1,3-Dichloropropene

Concen: 19.896 ug/l

RT: 7.34 min Scan# 680

Delta R.T. 0.05 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

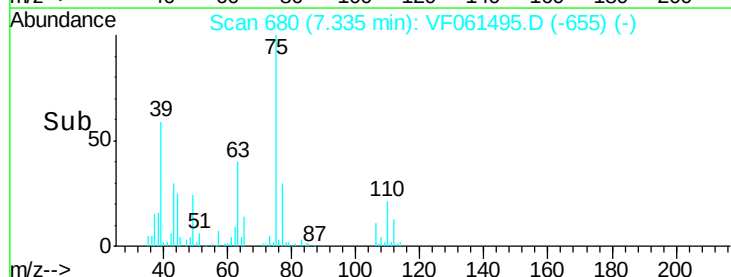
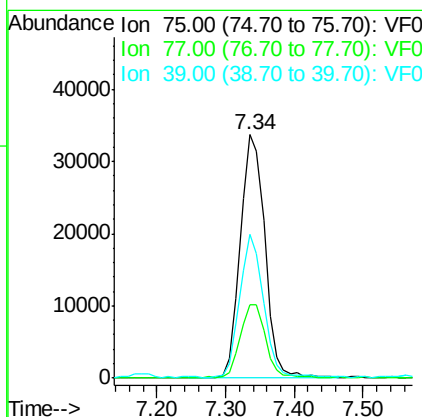
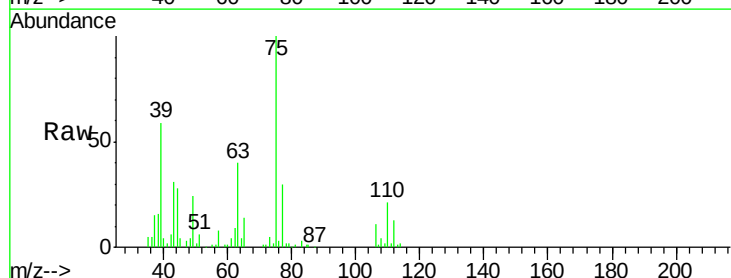
Tgt Ion: 75 Resp: 83836

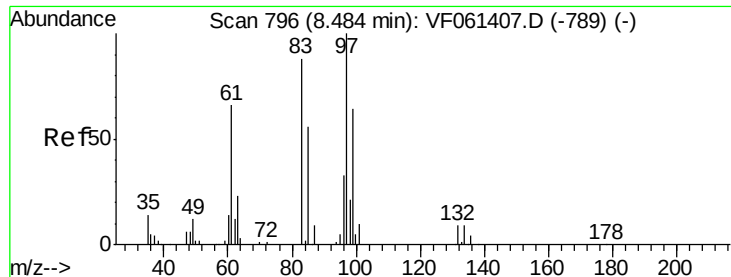
Ion Ratio Lower Upper

75 100

77 30.2 25.4 38.0

39 58.9 47.8 71.8





#55

1,1,2-Trichloroethane

Concen: 19.273 ug/l

RT: 8.53 min Scan# 801

Delta R.T. 0.05 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

Instrument :

MSVOA\_F

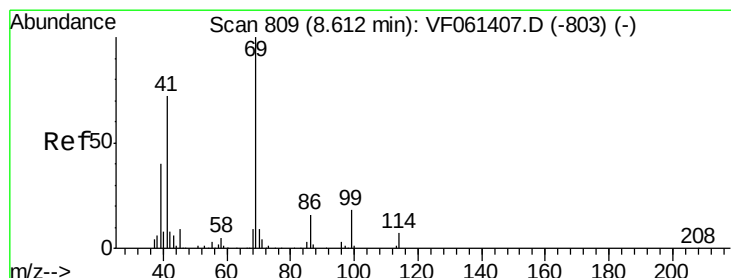
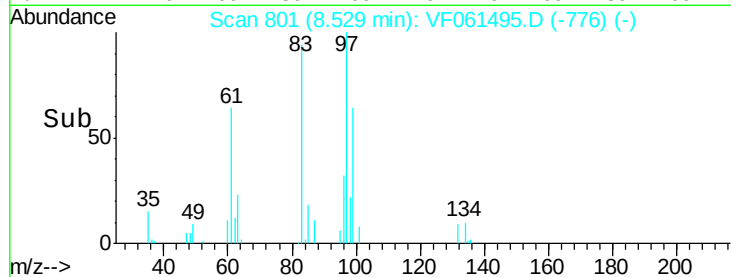
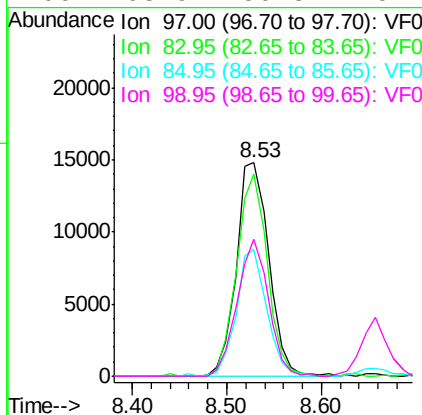
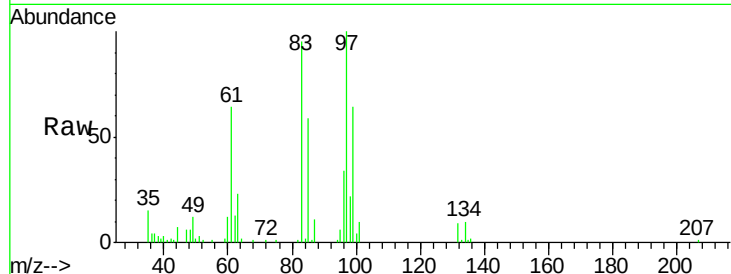
ClientSampleId :

VF0124SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 35436 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 94.8  | 70.4  | 105.6 |
| 85       | 59.3  | 44.7  | 67.1  |
| 99       | 63.9  | 50.8  | 76.2  |

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#56

Ethyl methacrylate

Concen: 21.091 ug/l

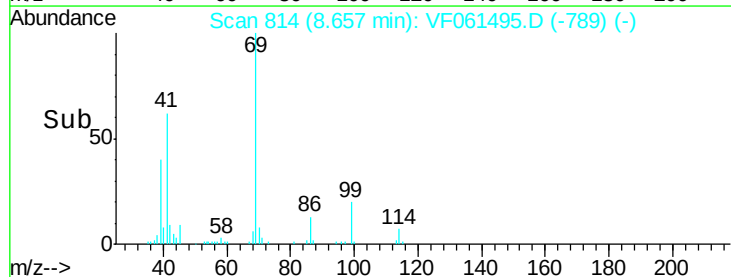
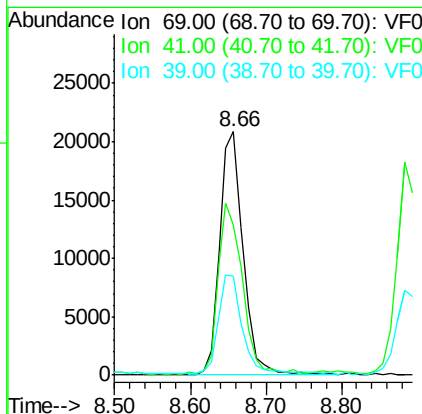
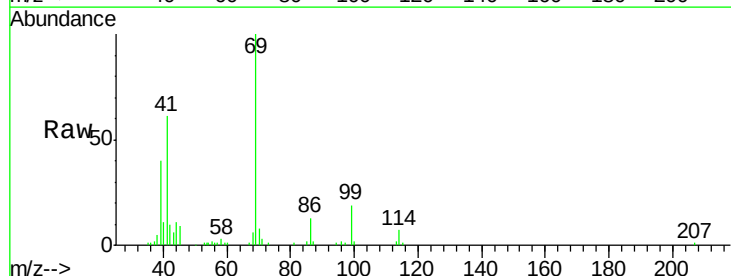
RT: 8.66 min Scan# 814

Delta R.T. 0.05 min

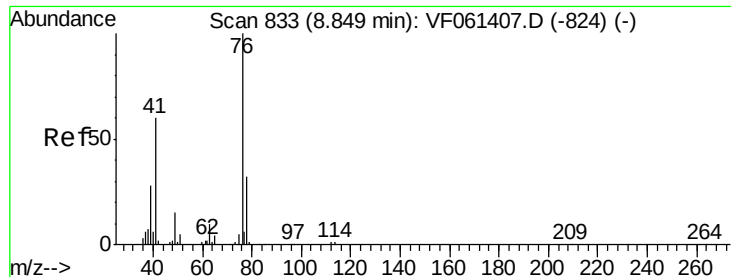
Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 45117 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 61.4  | 57.5  | 86.3  |
| 39       | 40.4  | 32.0  | 48.0  |







#57

1,3-Dichloropropane

Concen: 17.440 ug/l

RT: 8.89 min Scan# 838

Delta R.T. 0.05 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

Instrument :

MSVOA\_F

ClientSampleId :

VF0124SBS01

Tot Ion: 76 Resp: 60102

Ion Ratio Lower Upper

76 100

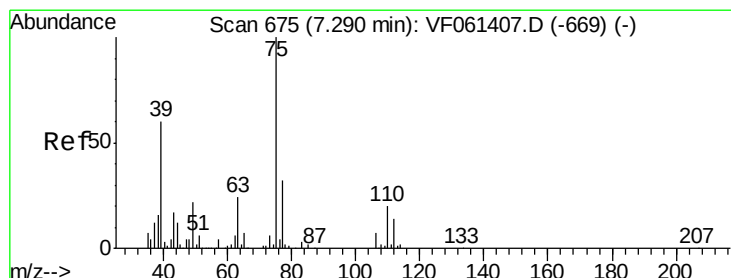
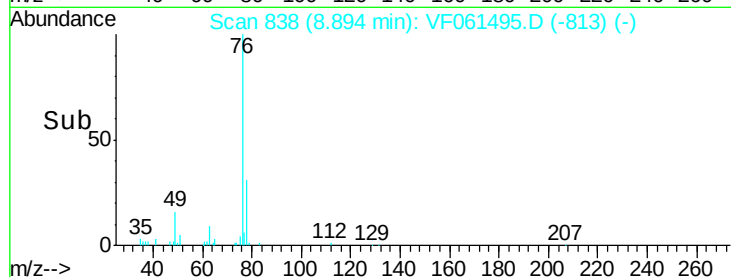
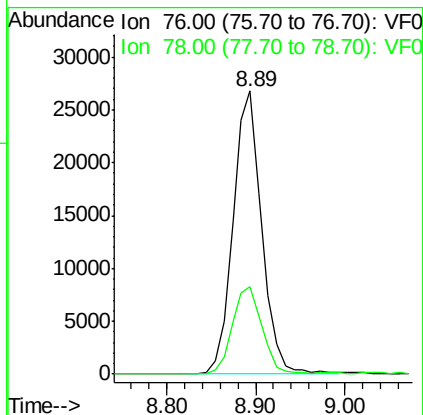
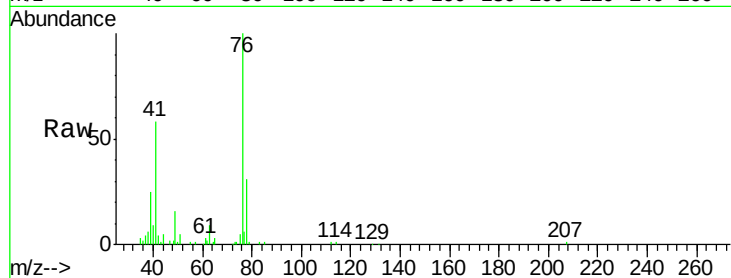
78 30.7 25.3 37.9

Manual Integrations

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1/25/2019 10:26:32 AM



#58

2-Chloroethyl Vinyl ether

Concen: 155.813 ug/l

RT: 7.34 min Scan# 680

Delta R.T. 0.05 min

Lab File: VF061495.D

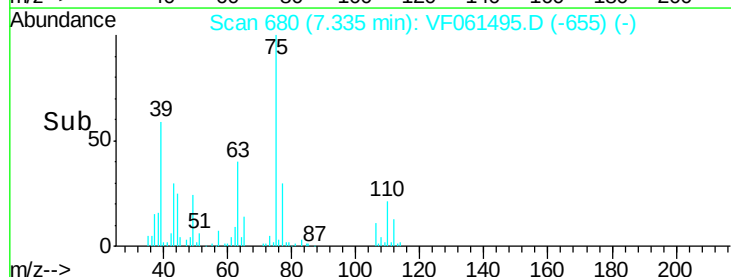
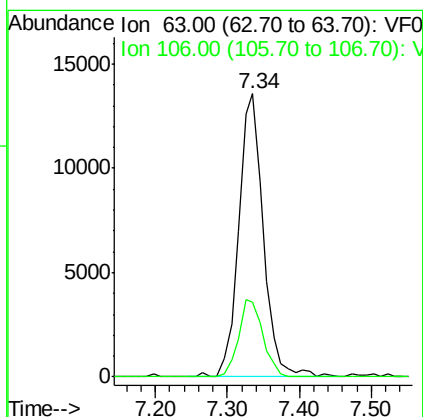
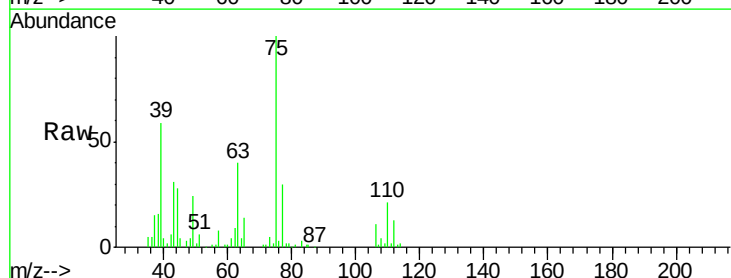
Acq: 24 Jan 2019 12:47

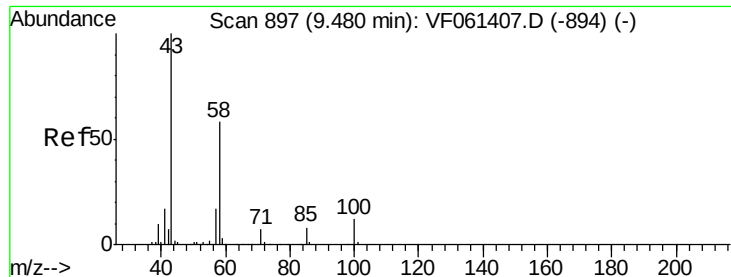
Tgt Ion: 63 Resp: 32338

Ion Ratio Lower Upper

63 100

106 26.2 21.9 32.9





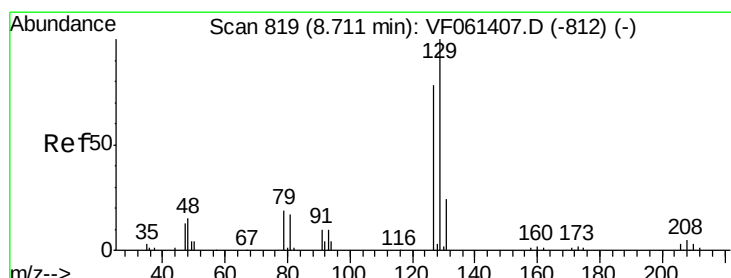
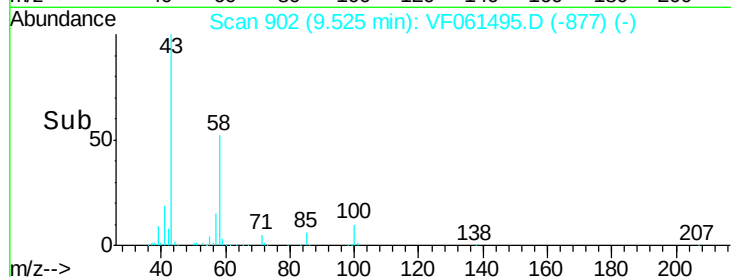
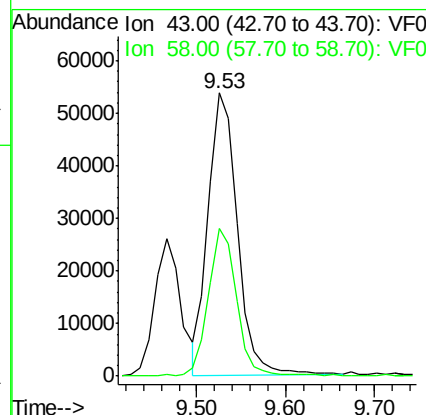
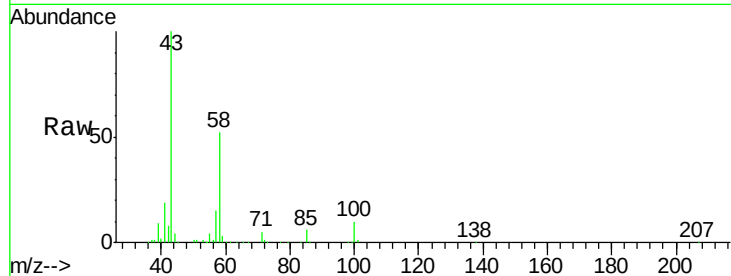
#59  
2-Hexanone  
Concen: 107.576 ug/l  
RT: 9.53 min Scan# 902  
Delta R.T. 0.05 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0124SBS01

Tot Ion: 43 Resp: 122249  
Ion Ratio Lower Upper  
43 100  
58 52.1 25.9 77.6

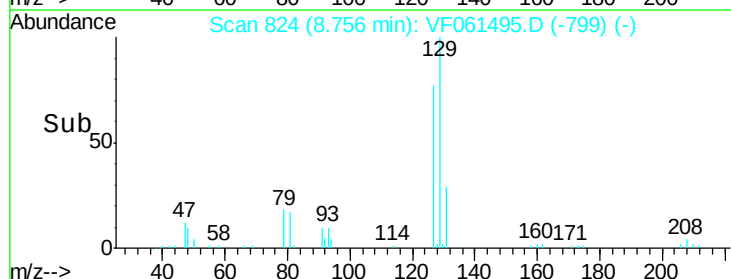
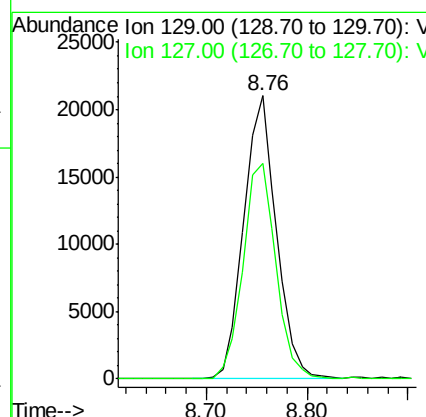
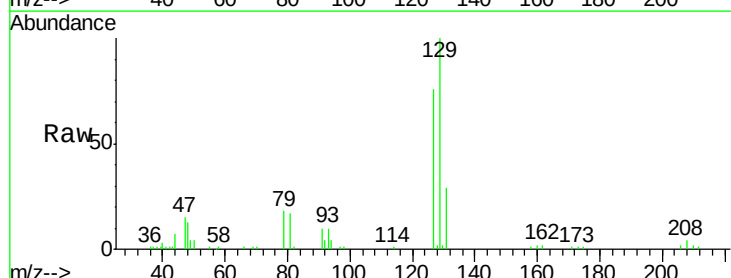
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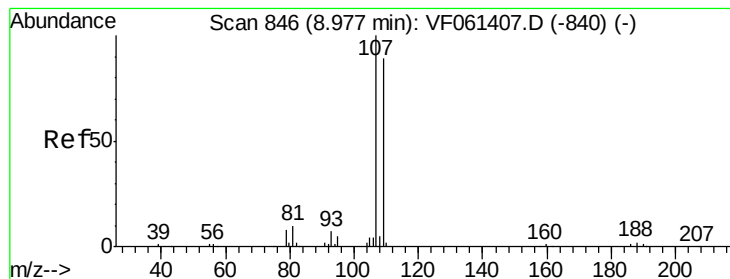
MMDadoda  
1/25/2019 10:26:32 AM



#60  
Dibromochloromethane  
Concen: 17.657 ug/l  
RT: 8.76 min Scan# 824  
Delta R.T. 0.05 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

Tgt Ion: 129 Resp: 47463  
Ion Ratio Lower Upper  
129 100  
127 76.2 39.1 117.2





#61

1,2-Dibromoethane

Concen: 17.302 ug/l

RT: 9.02 min Scan# 851

Delta R.T. 0.05 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

Instrument :

MSVOA\_F

ClientSampleId :

VF0124SBS01

Tot Ion: 107 Resp: 36419

Ion Ratio Lower Upper

107 100

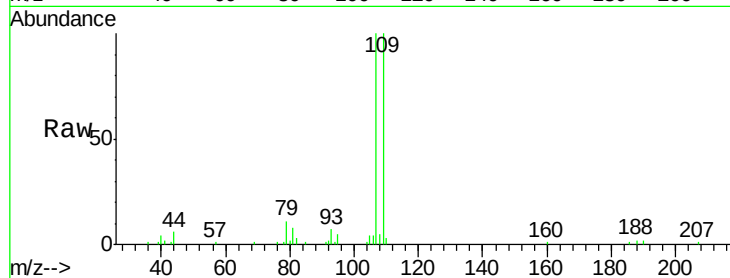
109 99.9 70.8 106.2

Manual Integrations

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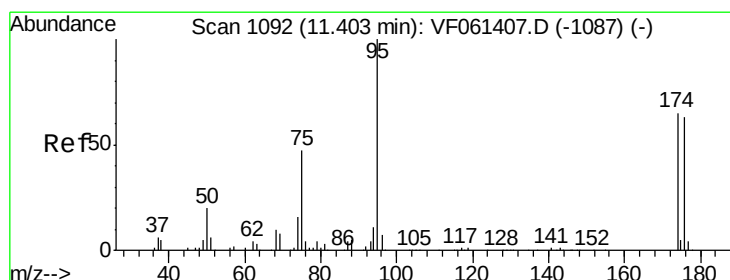
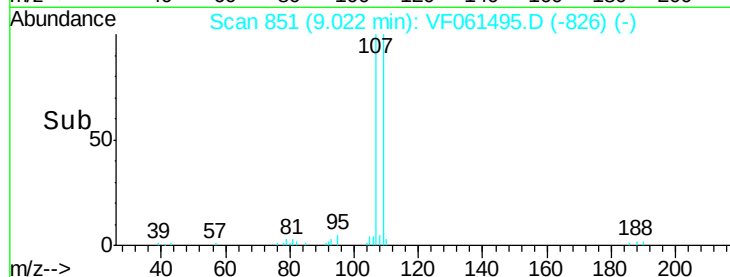
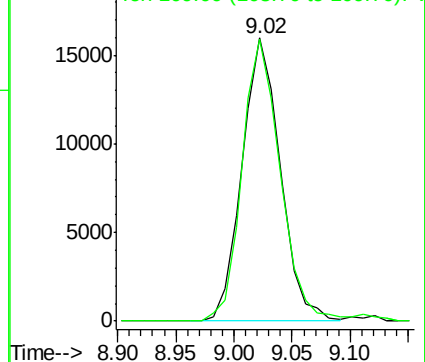
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Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 41.037 ug/l

RT: 11.44 min Scan# 1096

Delta R.T. 0.04 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

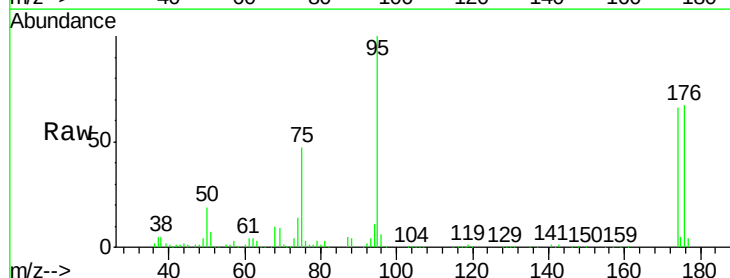
Tgt Ion: 95 Resp: 157973

Ion Ratio Lower Upper

95 100

174 66.3 0.0 130.4

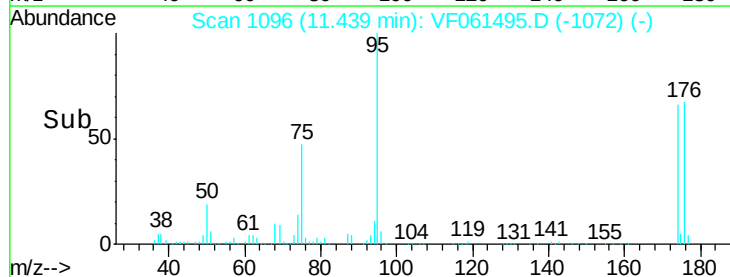
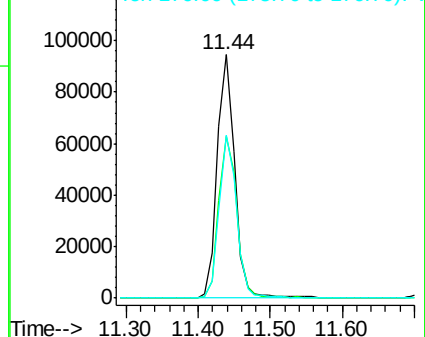
176 66.7 0.0 126.2

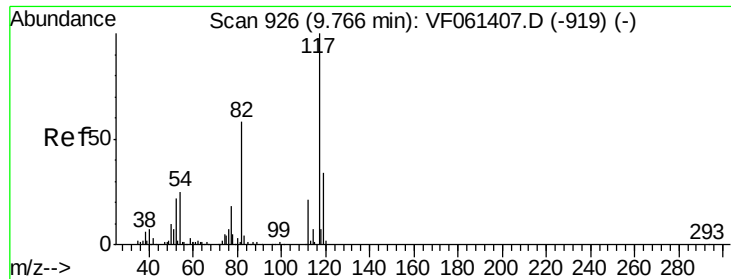


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V





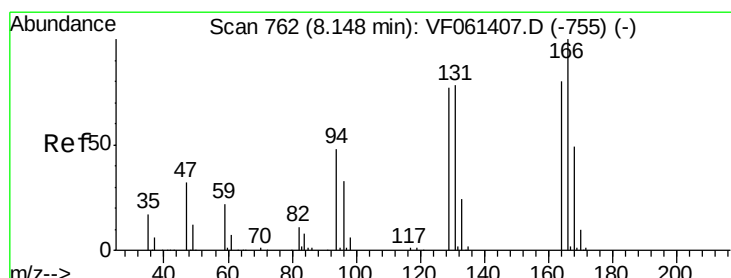
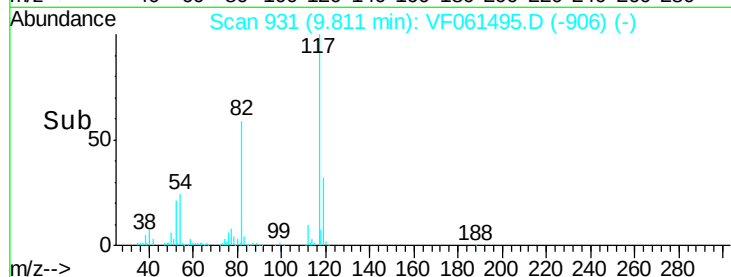
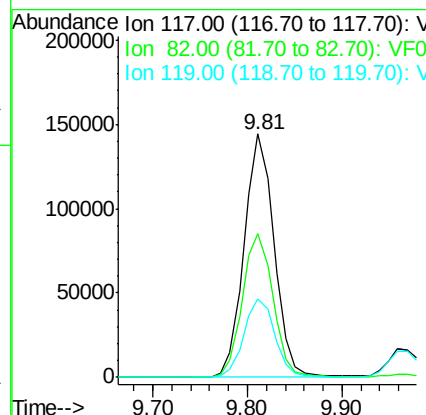
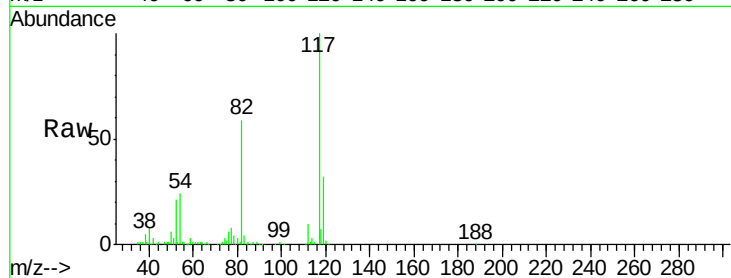
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.81 min Scan# 931  
Delta R.T. 0.05 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0124SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 117     | 100   | 318755 |       |       |
| 82      | 59.3  |        | 46.4  | 69.6  |
| 119     | 32.4  |        | 27.2  | 40.8  |

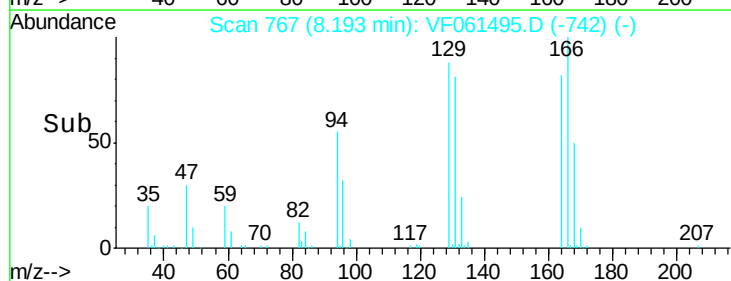
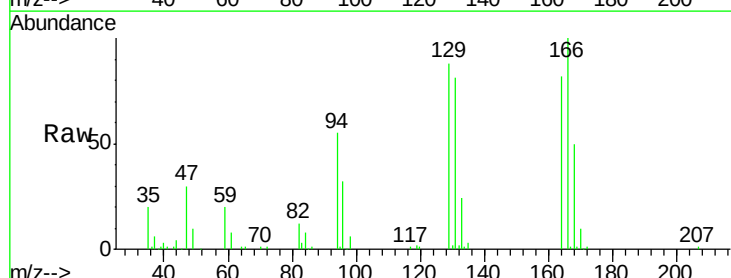
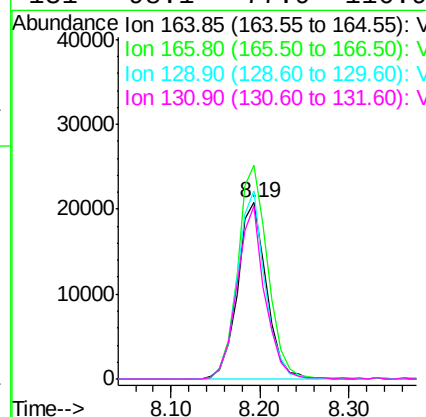
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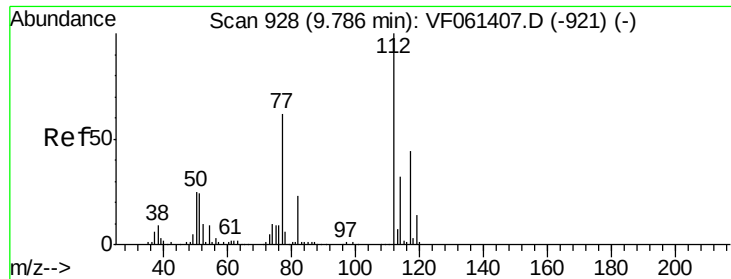
MMDadoda  
1/25/2019 10:26:32 AM



#64  
Tetrachloroethene  
Concen: 19.636 ug/l  
RT: 8.19 min Scan# 767  
Delta R.T. 0.05 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 164     | 100   | 47068 |       |       |
| 166     | 121.3 |       | 99.6  | 149.4 |
| 129     | 107.1 |       | 76.4  | 114.6 |
| 131     | 98.1  |       | 77.9  | 116.9 |





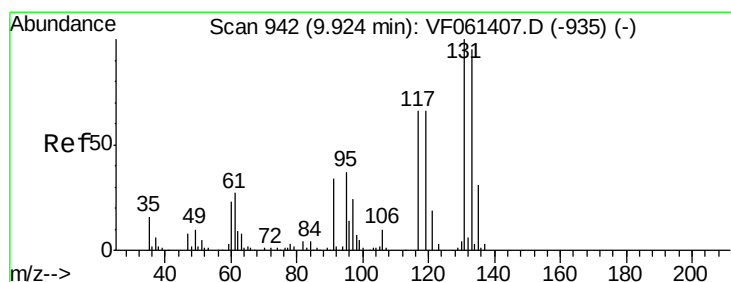
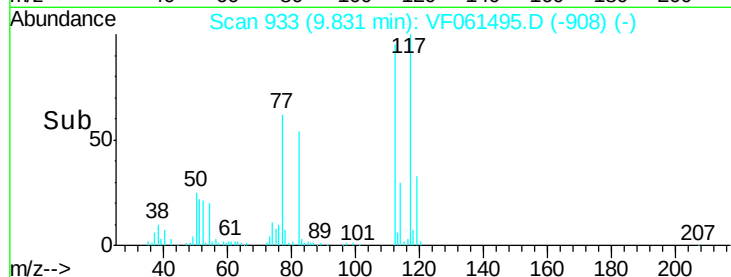
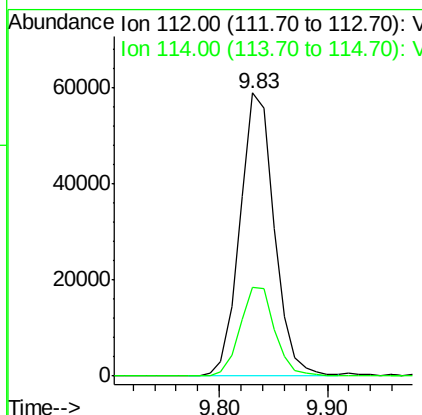
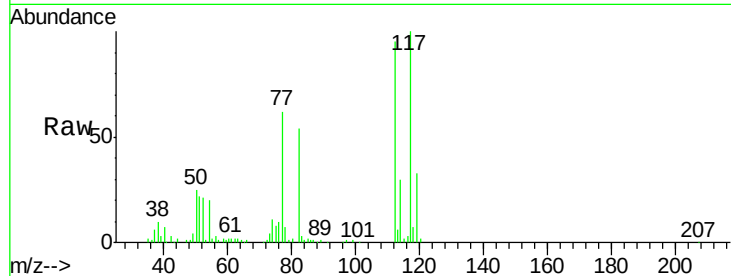
#65  
Chlorobenzene  
Concen: 20.105 ug/l  
RT: 9.83 min Scan# 933  
Delta R.T. 0.05 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0124SBS01

Tot Ion:112 Resp: 130325  
Ion Ratio Lower Upper  
112 100  
114 31.2 25.4 38.0

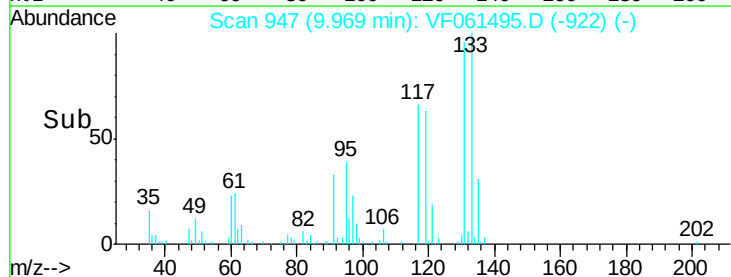
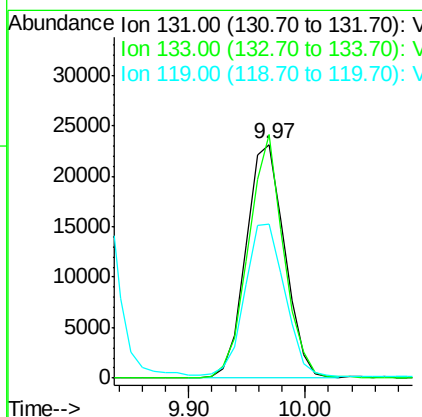
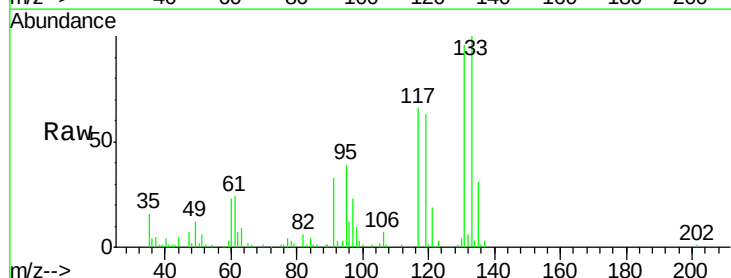
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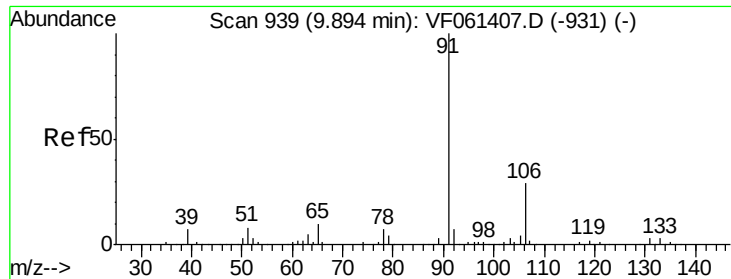
MMDadoda  
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#66  
1,1,1,2-Tetrachloroethane  
Concen: 20.661 ug/l  
RT: 9.97 min Scan# 947  
Delta R.T. 0.05 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

Tgt Ion:131 Resp: 53353  
Ion Ratio Lower Upper  
131 100  
133 104.1 47.4 142.2  
119 65.9 33.1 99.3





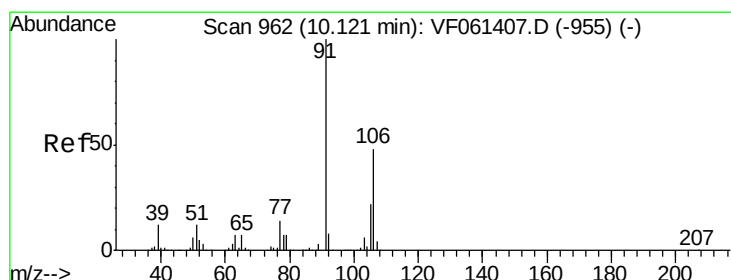
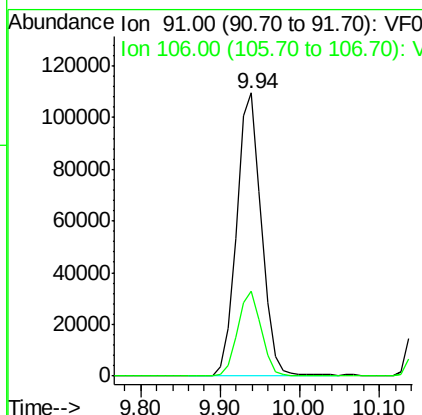
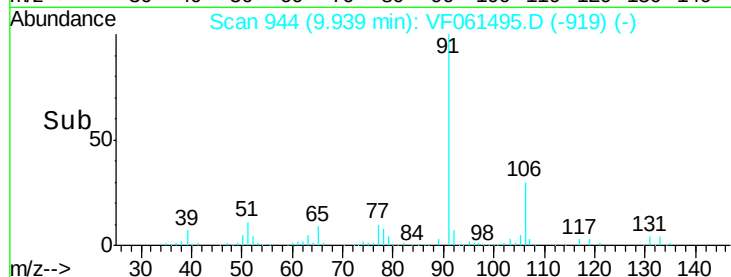
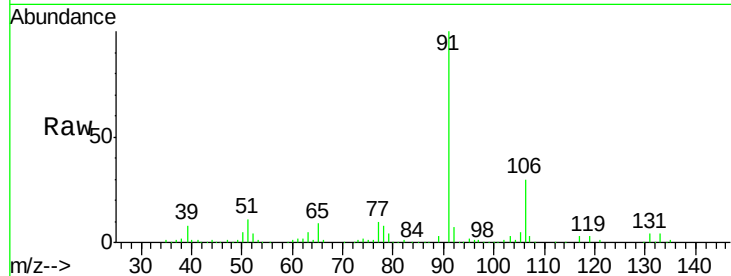
#67  
Ethyl Benzene  
Concen: 19.978 ug/l  
RT: 9.94 min Scan# 944  
Delta R.T. 0.05 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0124SBS01

Tot Ion: 91 Resp: 236600  
Ion Ratio Lower Upper  
91 100  
106 30.1 23.1 34.7

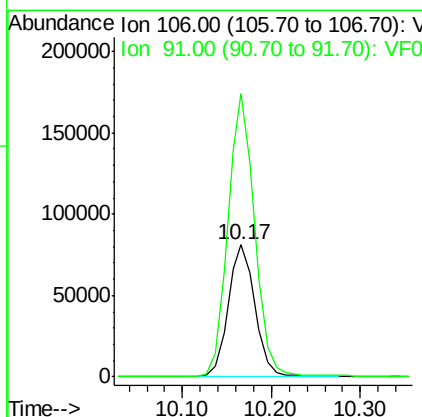
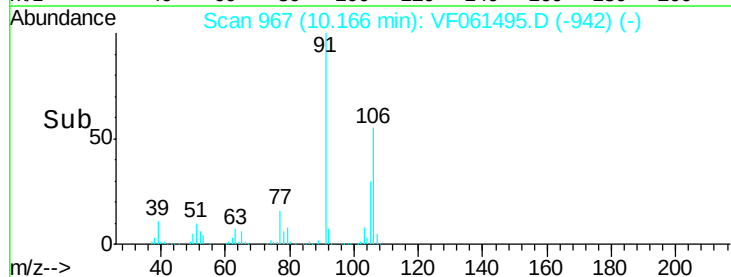
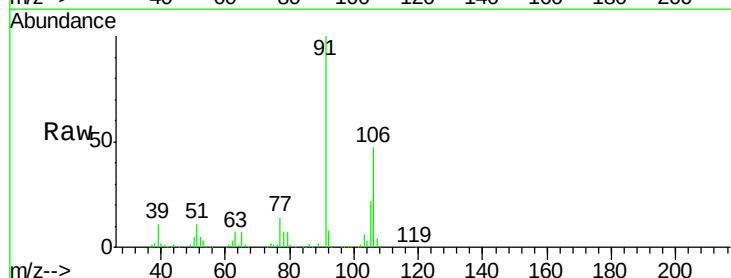
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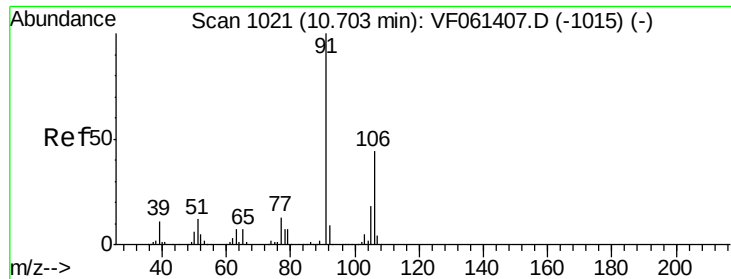
MMDadoda  
1/25/2019 10:26:32 AM



#68  
m/p-Xylenes  
Concen: 40.336 ug/l  
RT: 10.17 min Scan# 967  
Delta R.T. 0.05 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

Tgt Ion: 106 Resp: 171813  
Ion Ratio Lower Upper  
106 100  
91 214.6 166.2 249.4





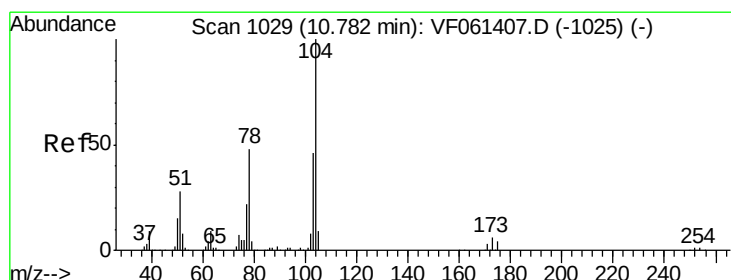
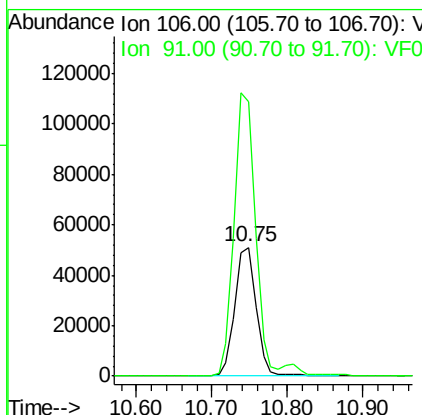
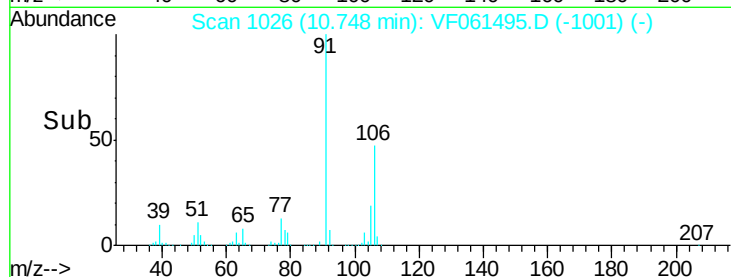
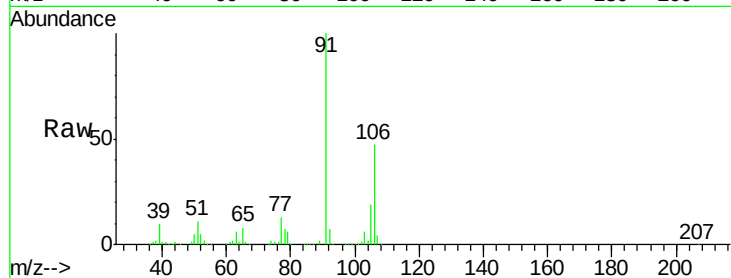
#69  
o-Xylene  
Concen: 21.602 ug/l  
RT: 10.75 min Scan# 1026  
Delta R.T. 0.05 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0124SBS01

Tot Ion:106 Resp: 99730  
Ion Ratio Lower Upper  
106 100  
91 213.8 113.3 339.8

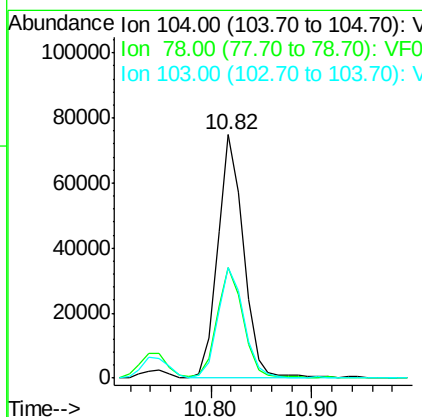
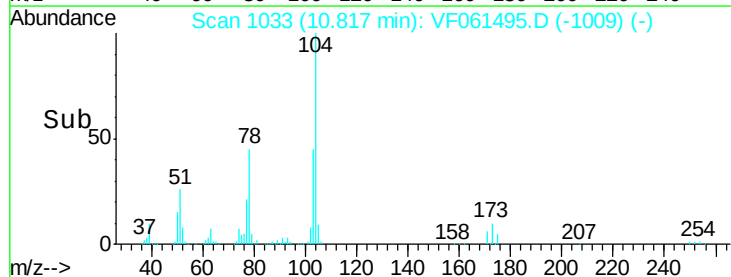
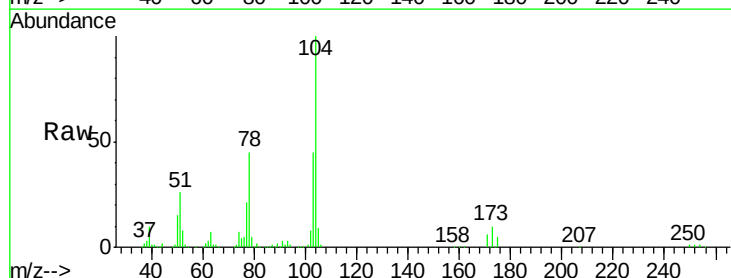
Manual Integrations  
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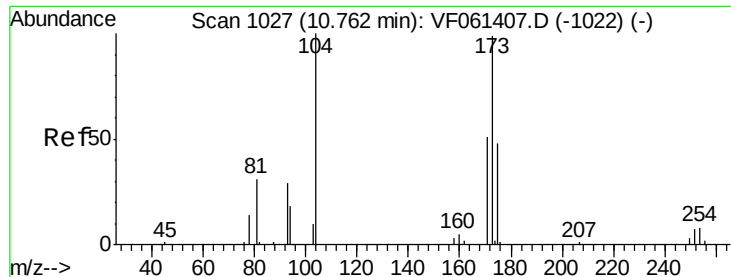
MMDadoda  
1/25/2019 10:26:32 AM



#70  
Styrene  
Concen: 21.118 ug/l  
RT: 10.82 min Scan# 1033  
Delta R.T. 0.04 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

Tgt Ion:104 Resp: 133450  
Ion Ratio Lower Upper  
104 100  
78 45.5 38.8 58.2  
103 45.3 37.0 55.6





#71

Bromoform

Concen: 20.187 ug/l

RT: 10.81 min Scan# 1032

Delta R.T. 0.05 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

Instrument :

MSVOA\_F

ClientSampleId :

VF0124SBS01

Tot Ion:173 Resp: 23421

Ion Ratio Lower Upper

173 100

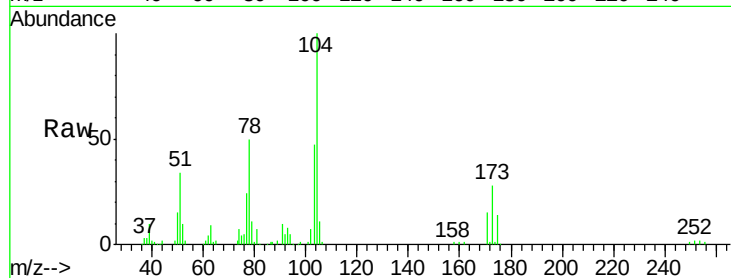
175 48.2 24.1 72.4

254 0.0 0.0 0.0

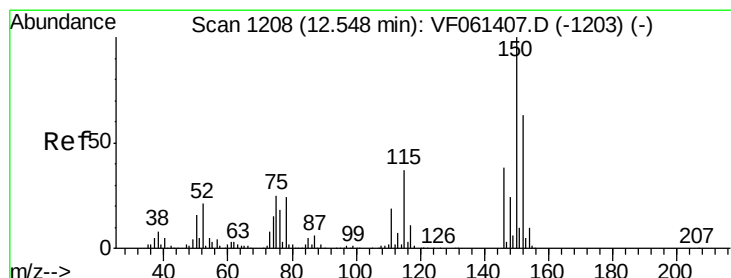
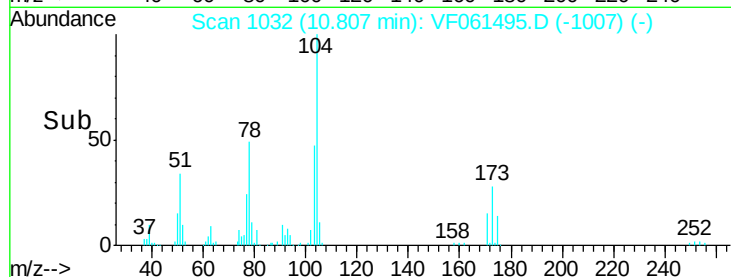
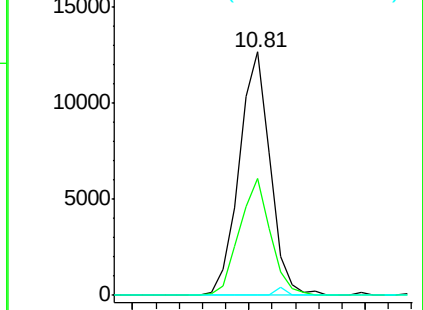
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Abundance Ion 173.00 (172.70 to 173.70): V  
Ion 175.00 (174.70 to 175.70): V  
Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.57 min Scan# 1211

Delta R.T. 0.03 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

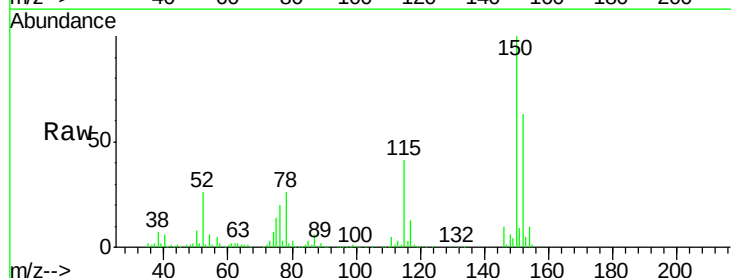
Tgt Ion:152 Resp: 162488

Ion Ratio Lower Upper

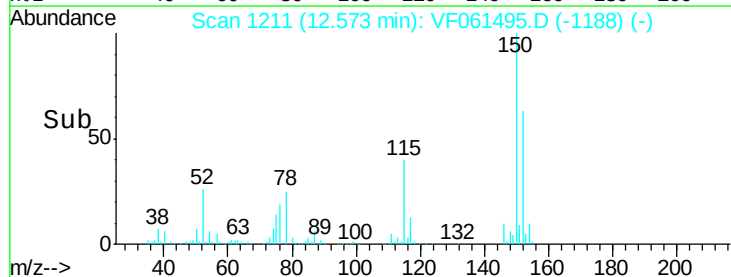
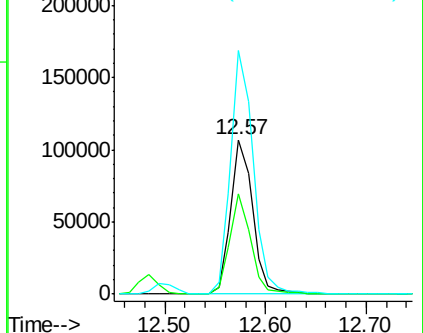
152 100

115 64.9 30.0 90.0

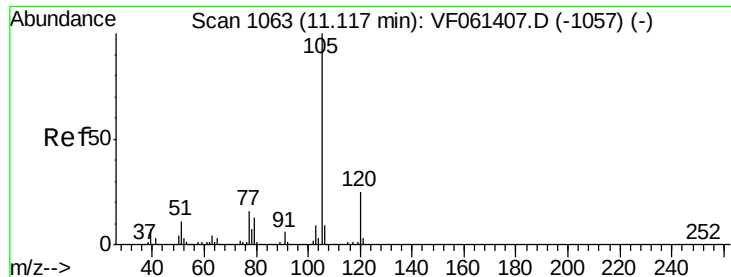
150 157.8 0.0 321.4



Abundance Ion 152.00 (151.70 to 152.70): V  
Ion 115.00 (114.70 to 115.70): V  
Ion 150.00 (149.70 to 150.70): V







#73

Isopropylbenzene

Concen: 21.140 ug/l

RT: 11.15 min Scan# 1067

Delta R.T. 0.04 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

Instrument :

MSVOA\_F

ClientSampleId :

VF0124SBS01

Tot Ion:105 Resp: 279381

Ion Ratio Lower Upper

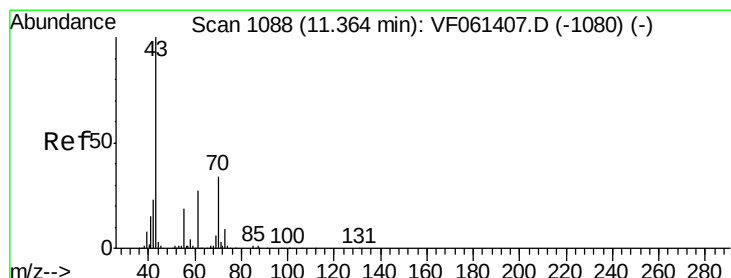
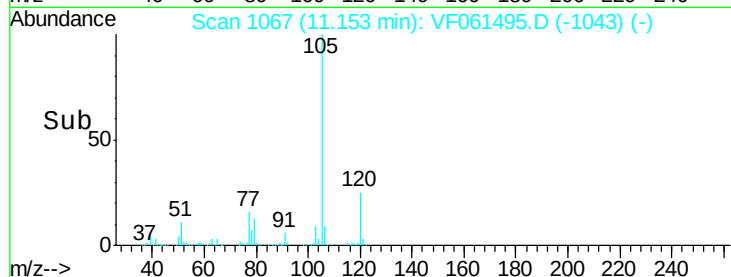
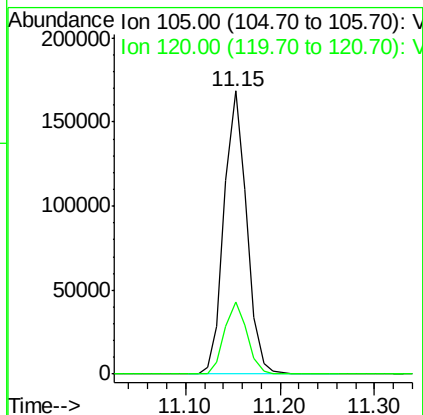
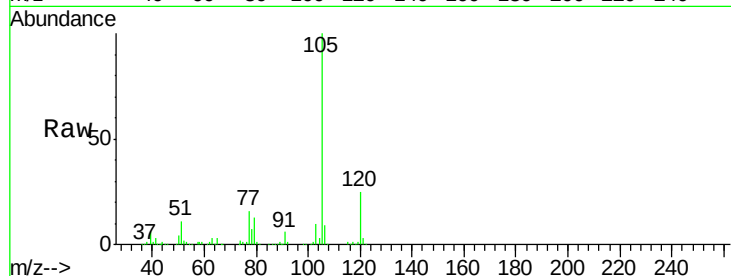
105 100

120 25.4 12.6 37.8

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#74

N-ethyl acetate

Concen: 23.557 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. 0.04 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

Tgt Ion: 43 Resp: 73616

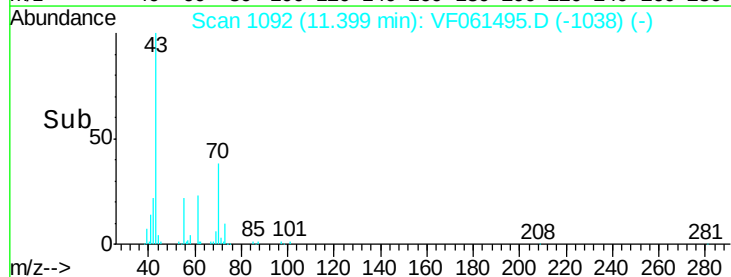
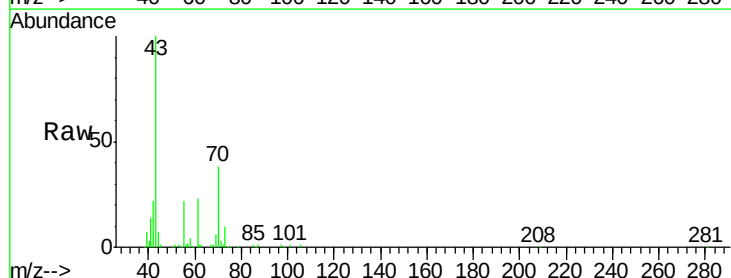
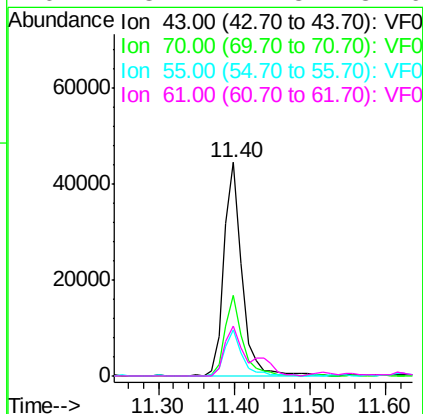
Ion Ratio Lower Upper

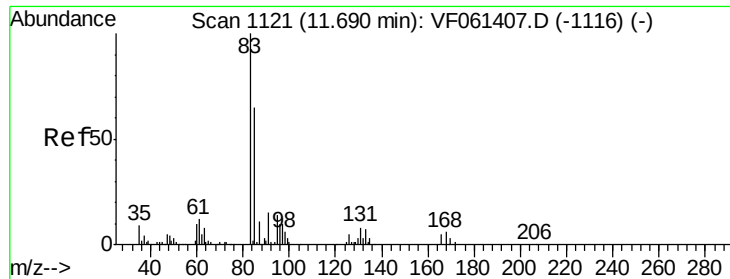
43 100

70 37.7 27.6 41.4

55 21.8 15.4 23.2

61 23.4 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 21.063 ug/l

RT: 11.72 min Scan# 1125

Delta R.T. 0.04 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

Instrument :

MSVOA\_F

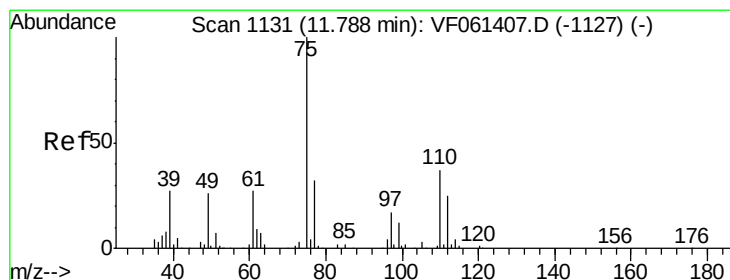
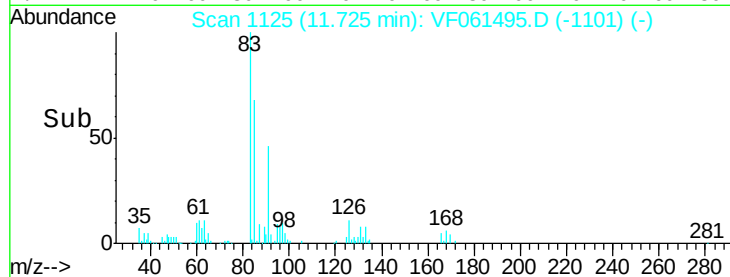
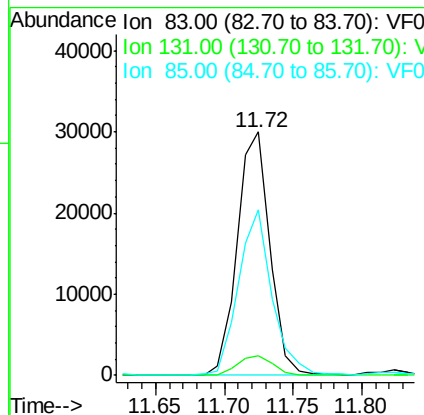
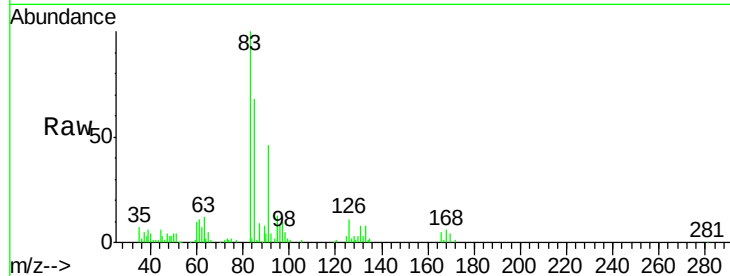
ClientSampleId :

VF0124SBSD01

| Tot Ion | 83    | Resp  | 49588 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 83      | 100   |       |       |
| 131     | 7.9   | 4.0   | 12.2  |
| 85      | 68.0  | 32.7  | 98.1  |

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#76

1,2,3-Trichloropropane

Concen: 20.420 ug/l

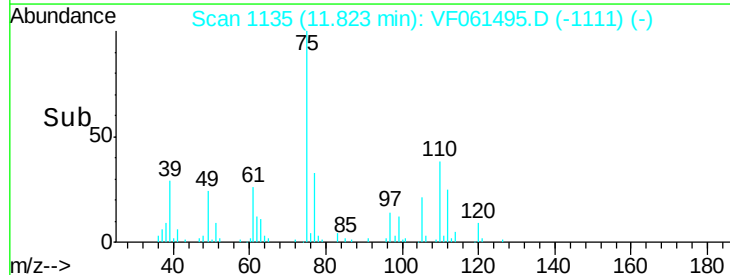
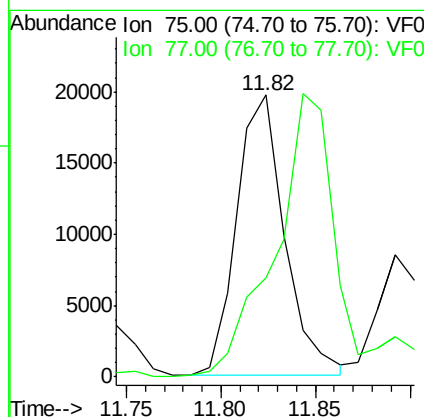
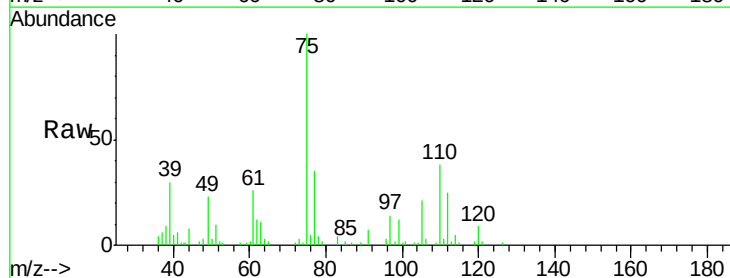
RT: 11.82 min Scan# 1135

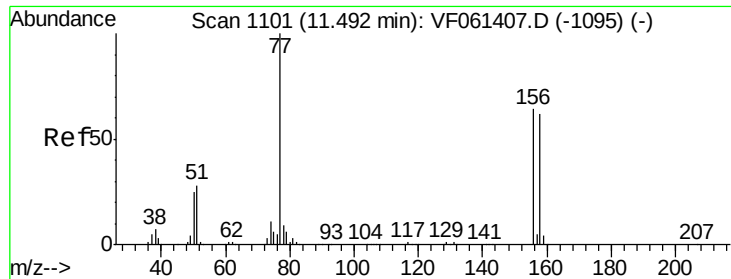
Delta R.T. 0.04 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

| Tgt Ion | 75    | Resp  | 34544 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 75      | 100   |       |       |
| 77      | 35.2  | 16.1  | 48.3  |





#77

Bromobenzene

Concen: 20.280 ug/l

RT: 11.53 min Scan# 1105

Delta R.T. 0.04 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

Instrument :

MSVOA\_F

ClientSampleId :

VF0124SBS01

Tot Ion:156 Resp: 56600

Ion Ratio Lower Upper

156 100

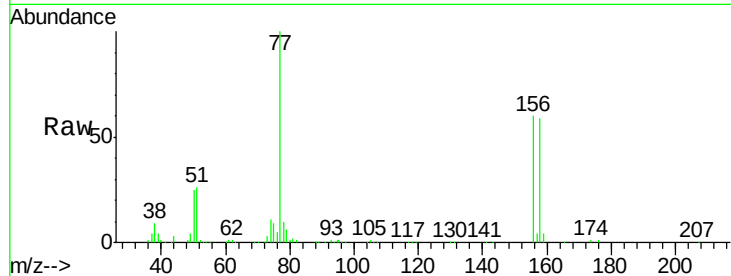
77 165.9 78.3 234.9

158 97.6 48.9 146.7

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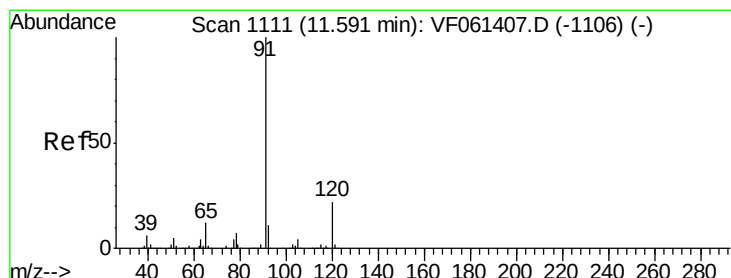
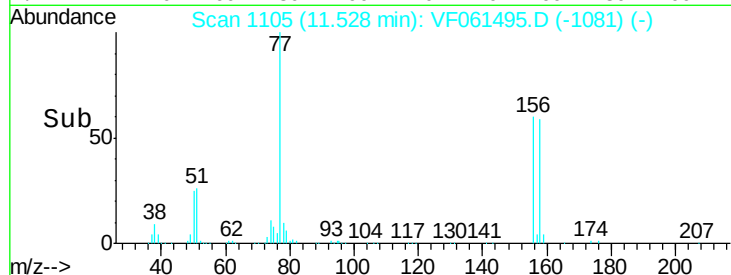
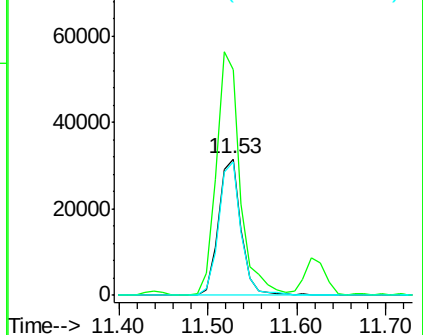
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Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 19.508 ug/l

RT: 11.62 min Scan# 1114

Delta R.T. 0.03 min

Lab File: VF061495.D

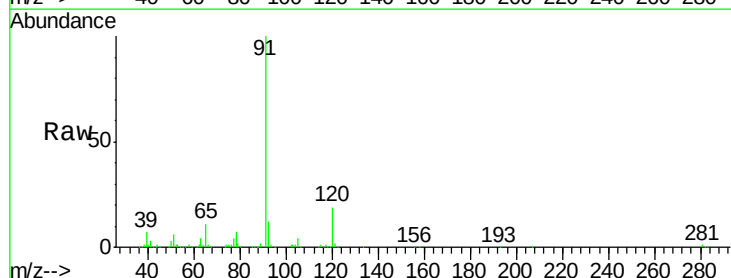
Acq: 24 Jan 2019 12:47

Tgt Ion: 91 Resp: 336226

Ion Ratio Lower Upper

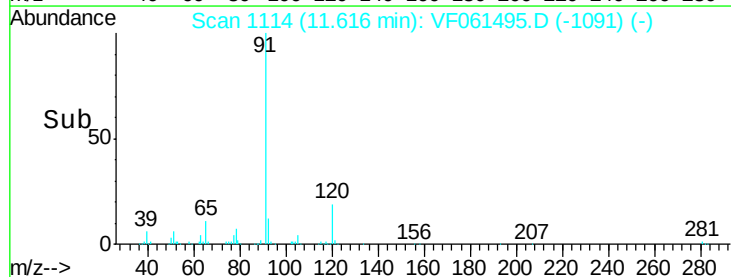
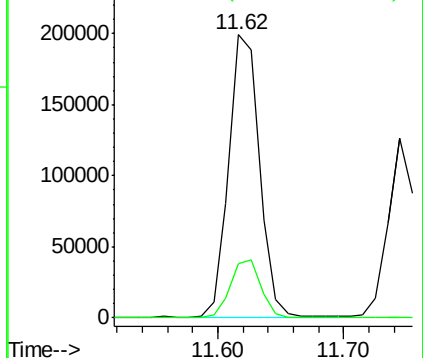
91 100

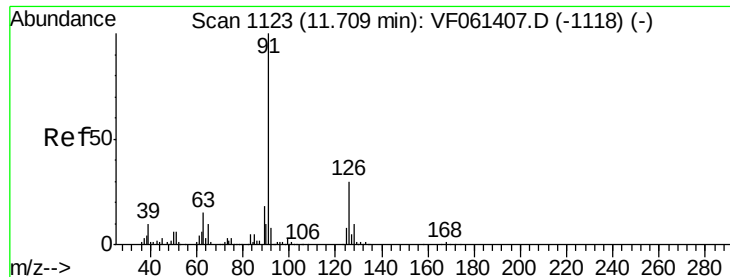
120 19.3 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.889 ug/l

RT: 11.74 min Scan# 1127

Delta R.T. 0.04 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

Instrument :

MSVOA\_F

ClientSampleId :

VF0124SBS01

Tot Ion: 91 Resp: 191542

Ion Ratio Lower Upper

91 100

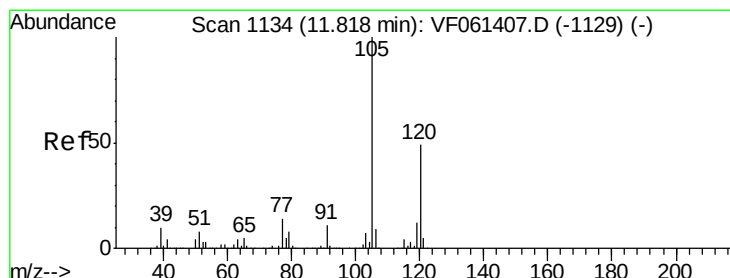
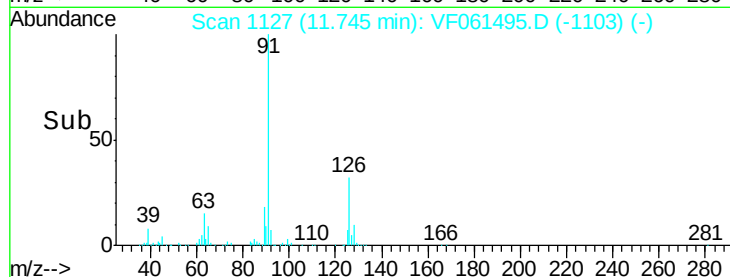
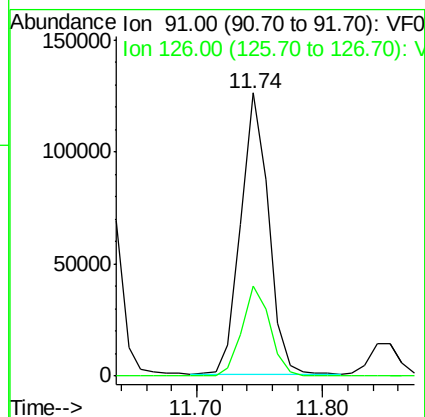
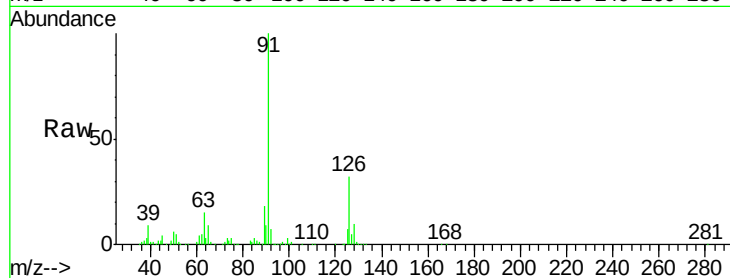
126 31.7 15.0 45.1

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#80

1,3,5-Trimethylbenzene

Concen: 21.500 ug/l

RT: 11.85 min Scan# 1138

Delta R.T. 0.04 min

Lab File: VF061495.D

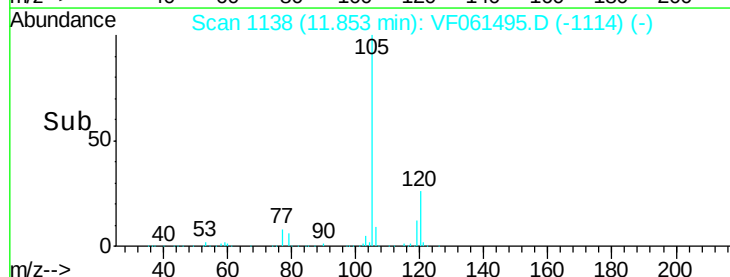
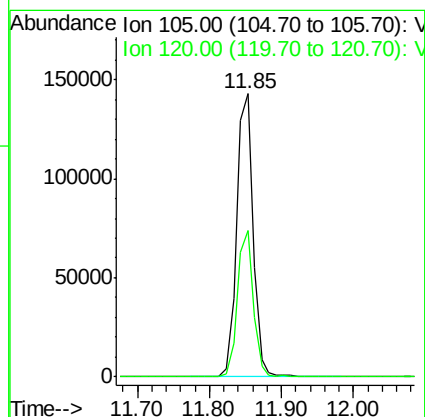
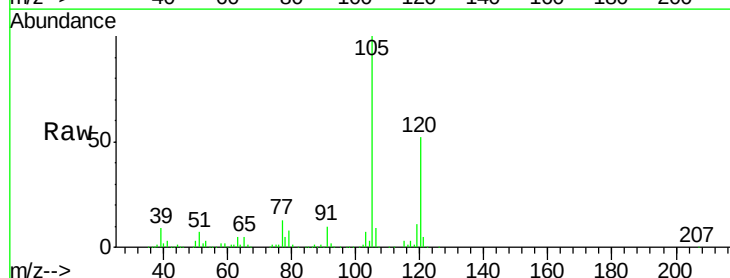
Acq: 24 Jan 2019 12:47

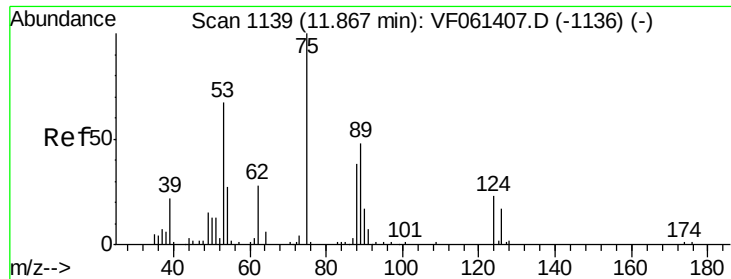
Tgt Ion: 105 Resp: 229302

Ion Ratio Lower Upper

105 100

120 51.7 24.7 74.1





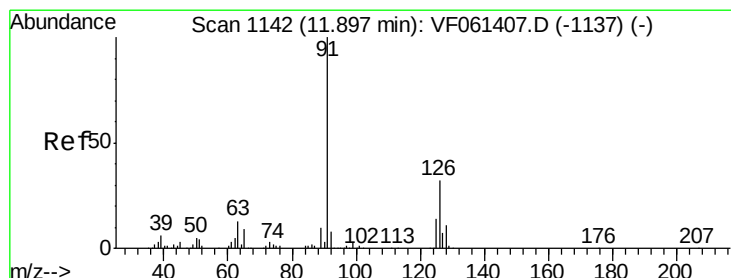
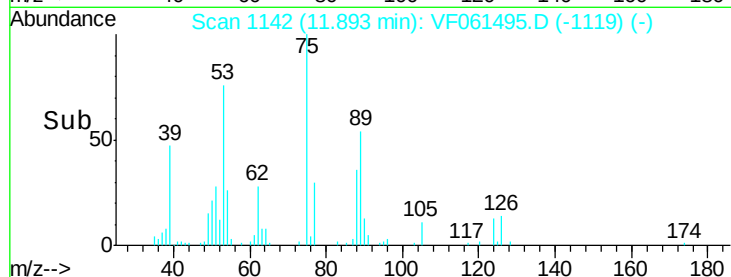
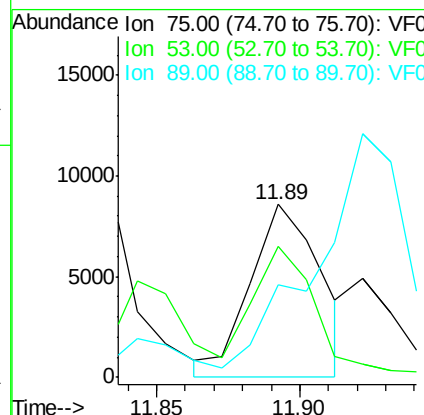
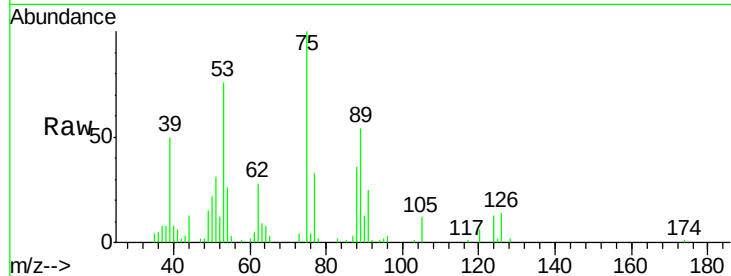
#81  
trans-1,4-Dichloro-2-butene  
Concen: 20.017 ug/l m  
RT: 11.89 min Scan# 1142  
Delta R.T. 0.03 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0124SBS01

Tot Ion: 75 Resp: 14720  
Ion Ratio Lower Upper  
75 100  
53 75.9 57.8 86.6  
89 53.8 40.7 61.1

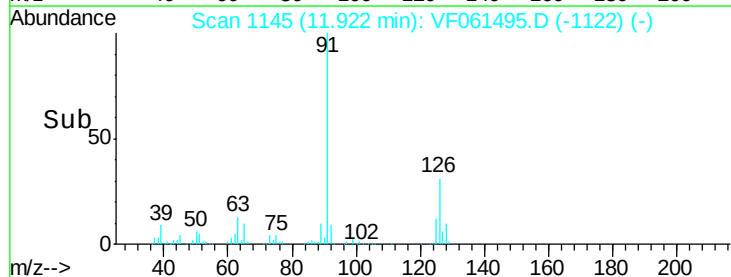
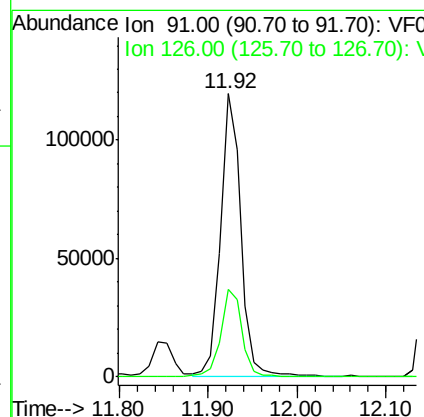
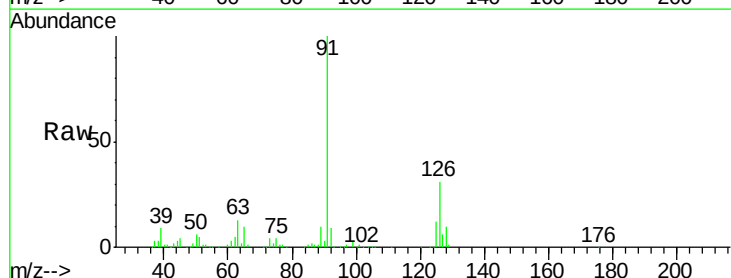
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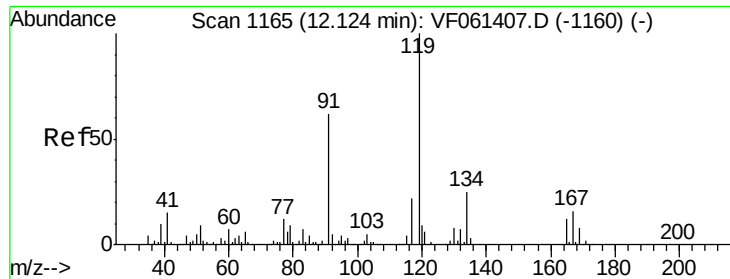
MMDadoda  
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#82  
4-Chlorotoluene  
Concen: 20.481 ug/l  
RT: 11.92 min Scan# 1145  
Delta R.T. 0.03 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

Tgt Ion: 91 Resp: 189504  
Ion Ratio Lower Upper  
91 100  
126 30.8 16.0 47.9





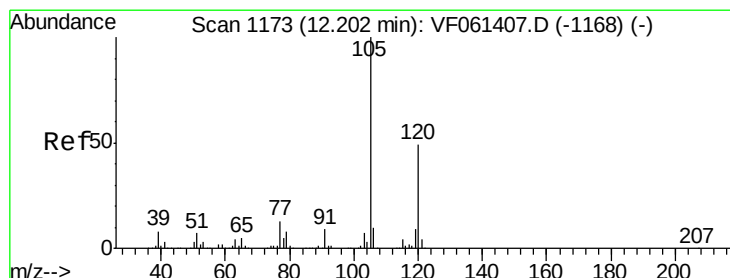
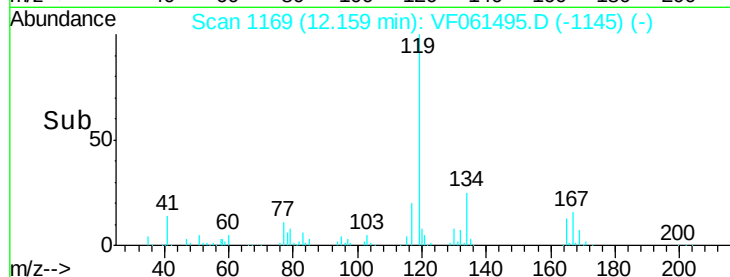
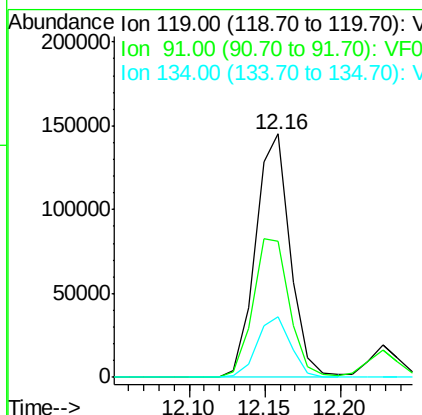
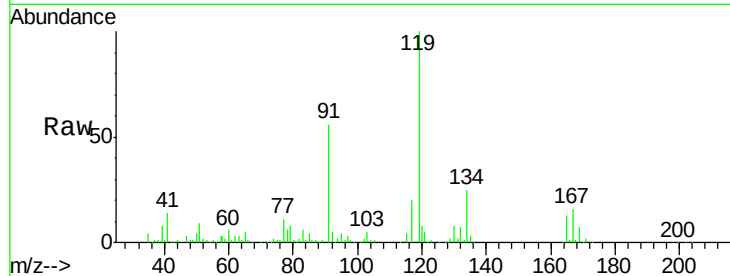
#83  
 tert-Butylbenzene  
 Concen: 20.993 ug/l  
 RT: 12.16 min Scan# 1169  
 Delta R.T. 0.04 min  
 Lab File: VF061495.D  
 Acq: 24 Jan 2019 12:47

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0124SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 119     | 100   | 231738 |       |       |
| 91      | 56.1  |        | 31.3  | 93.8  |
| 134     | 24.7  |        | 12.4  | 37.0  |

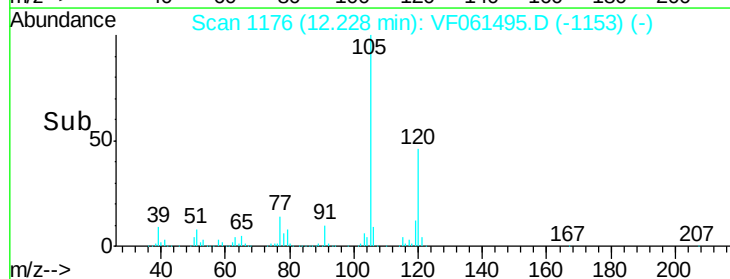
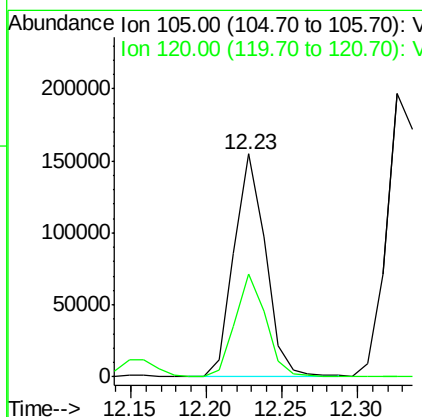
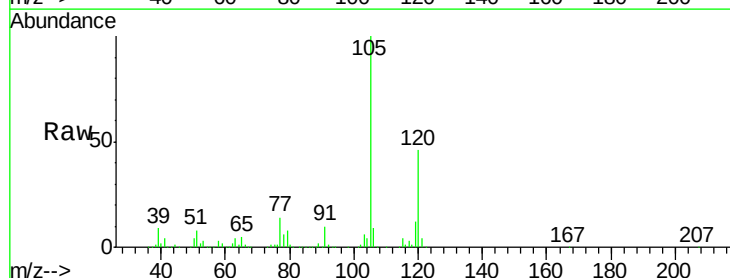
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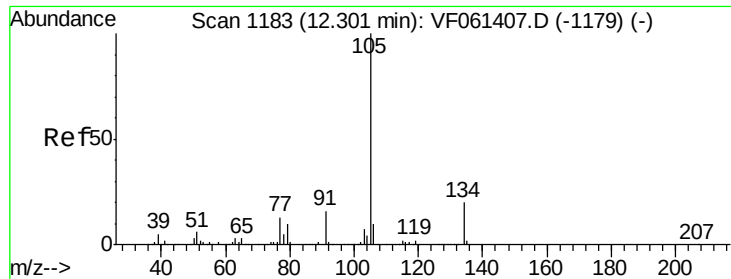
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#84  
 1,2,4-Trimethylbenzene  
 Concen: 20.427 ug/l  
 RT: 12.23 min Scan# 1176  
 Delta R.T. 0.03 min  
 Lab File: VF061495.D  
 Acq: 24 Jan 2019 12:47

| Tgt Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 105     | 100   | 224407 |       |       |
| 120     | 46.4  |        | 24.9  | 74.6  |





#85

sec-Butylbenzene

Concen: 20.394 ug/l

RT: 12.33 min Scan# 1186

Delta R.T. 0.03 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

Instrument :

MSVOA\_F

ClientSampleId :

VF0124SBS01

Tot Ion:105 Resp: 305726

Ion Ratio Lower Upper

105 100

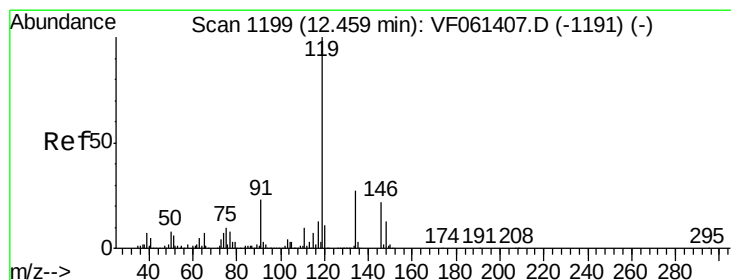
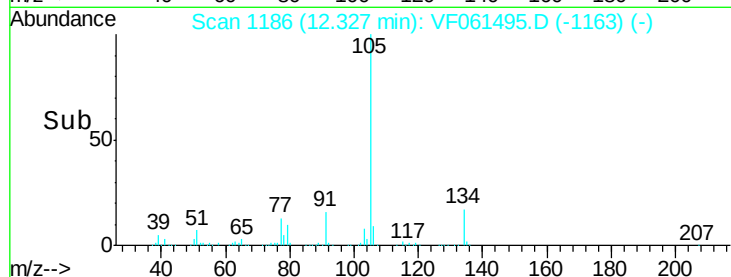
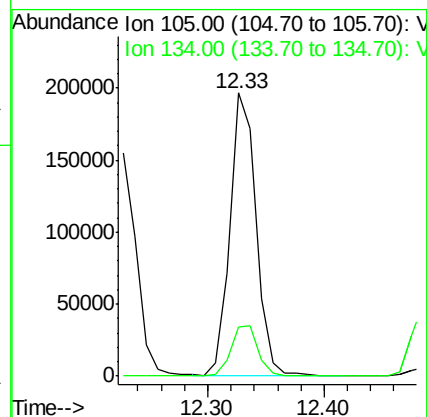
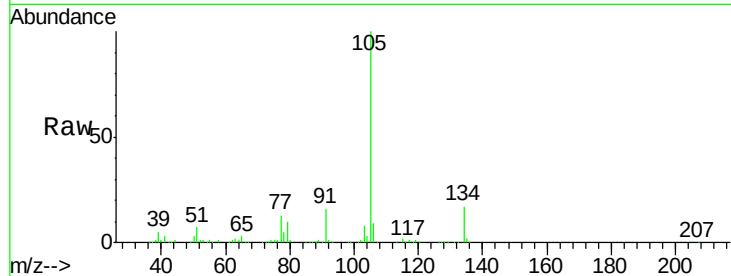
134 17.2 10.0 30.0

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 21.557 ug/l

RT: 12.48 min Scan# 1202

Delta R.T. 0.03 min

Lab File: VF061495.D

Acq: 24 Jan 2019 12:47

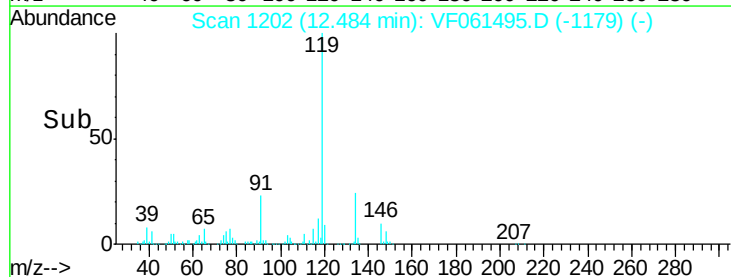
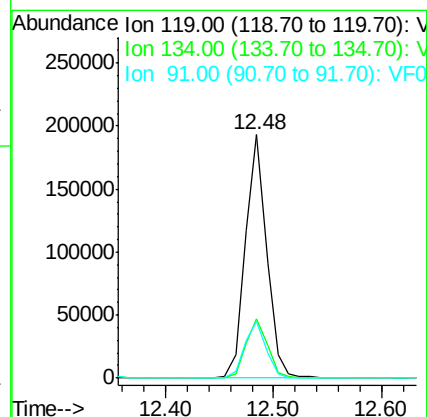
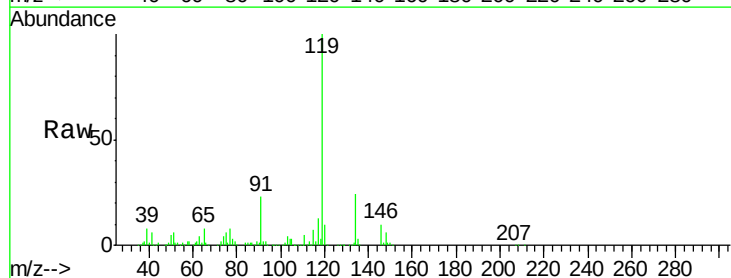
Tgt Ion:119 Resp: 265280

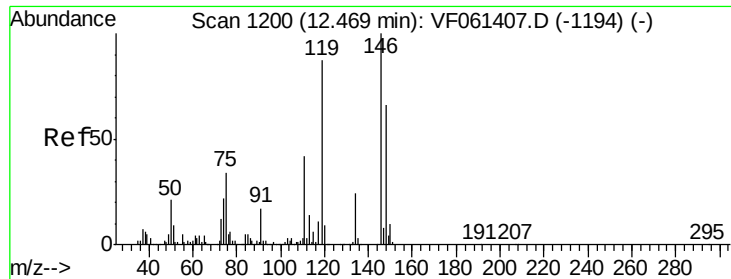
Ion Ratio Lower Upper

119 100

134 24.4 13.4 40.2

91 23.3 11.4 34.2





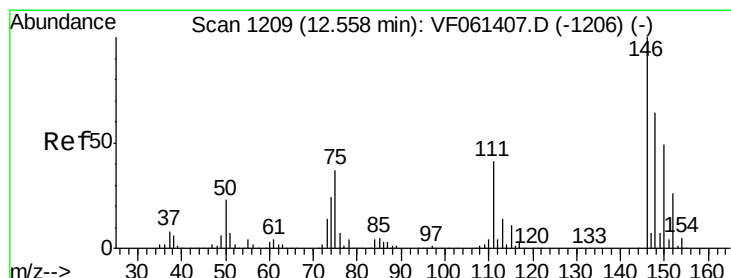
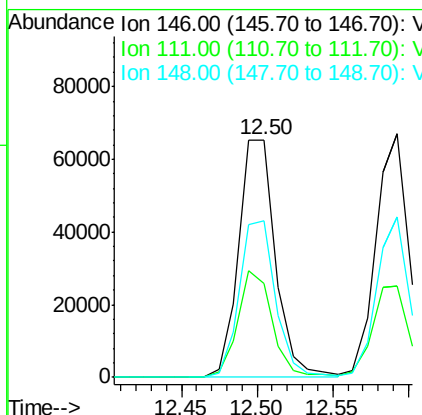
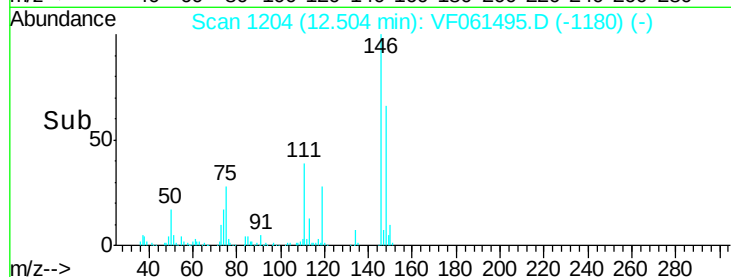
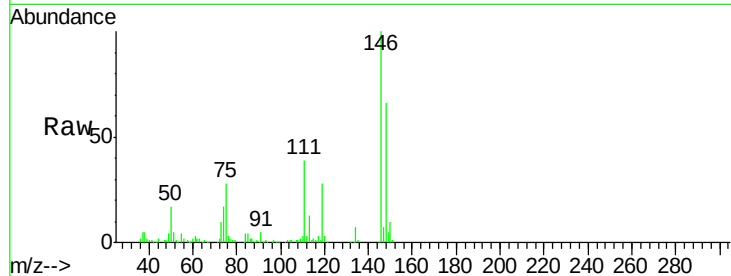
#87  
 1,3-Dichlorobenzene  
 Concen: 18.924 ug/l  
 RT: 12.50 min Scan# 1204  
 Delta R.T. 0.04 min  
 Lab File: VF061495.D  
 Acq: 24 Jan 2019 12:47

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.4  | 21.1  | 63.4  |
| 148     | 65.7  | 32.9  | 98.6  |

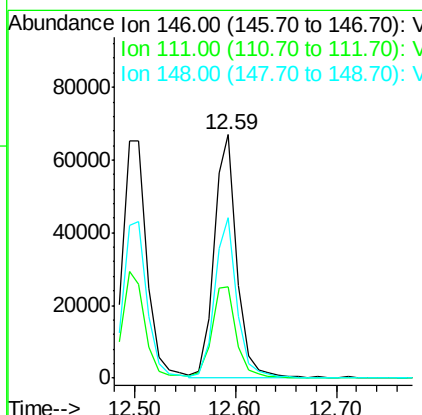
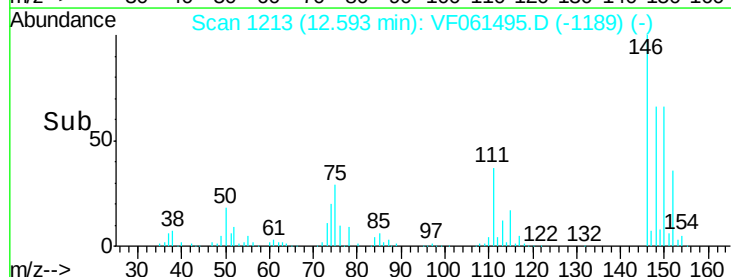
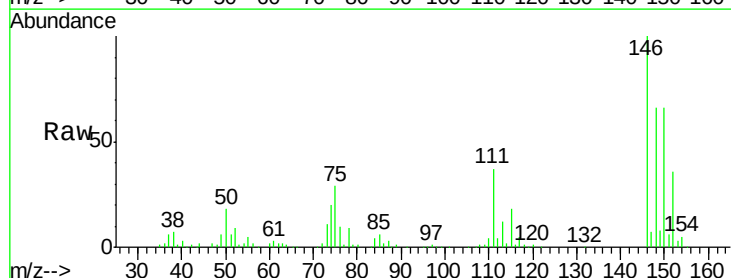
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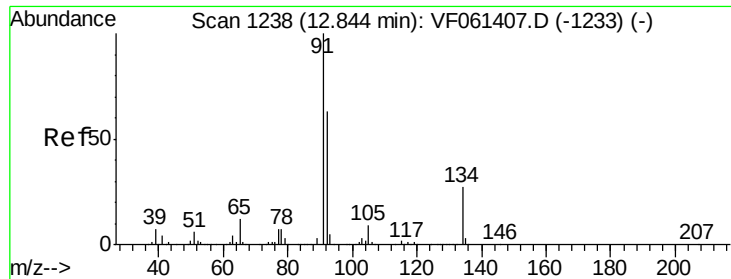


#88  
 1,4-Dichlorobenzene  
 Concen: 19.913 ug/l  
 RT: 12.59 min Scan# 1213  
 Delta R.T. 0.04 min  
 Lab File: VF061495.D  
 Acq: 24 Jan 2019 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.3  | 20.8  | 62.2  |
| 148     | 66.0  | 32.1  | 96.5  |







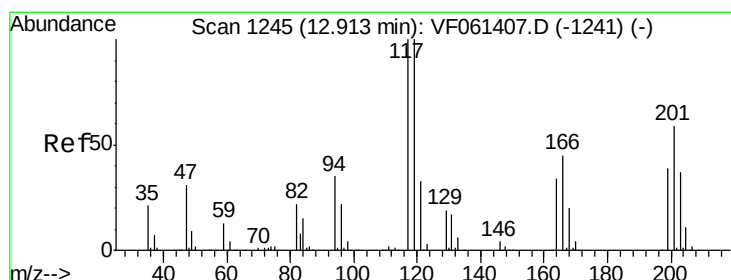
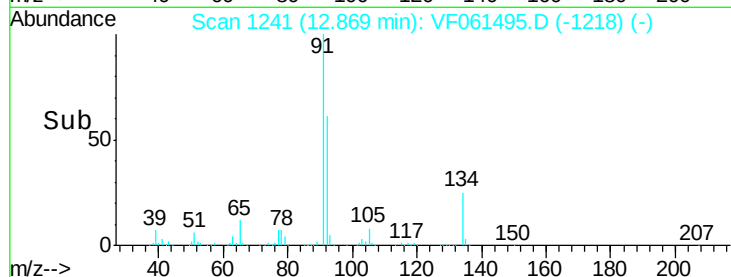
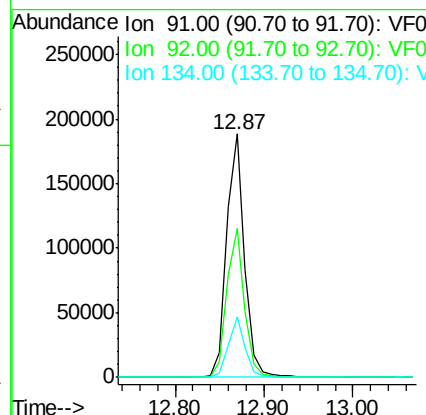
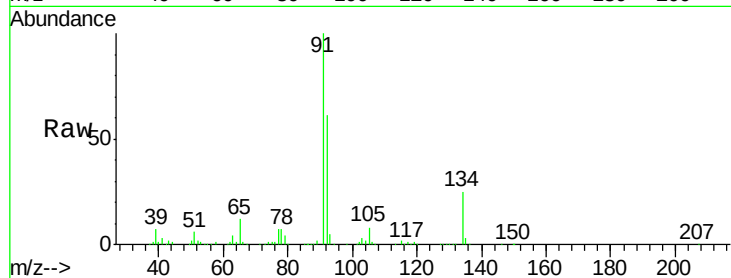
#89  
n-Butylbenzene  
Concen: 21.109 ug/l  
RT: 12.87 min Scan# 1241  
Delta R.T. 0.03 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 92      | 60.9  | 31.6  | 94.7  |
| 134     | 25.0  | 13.6  | 40.8  |

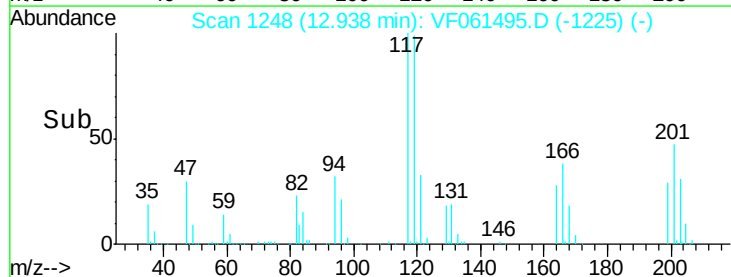
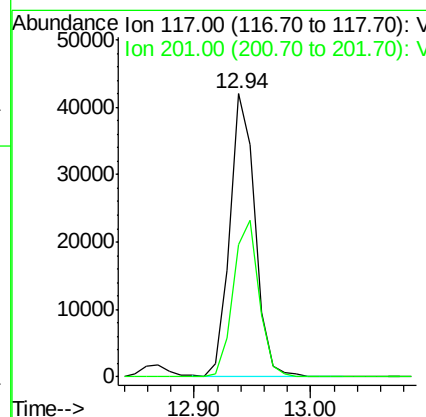
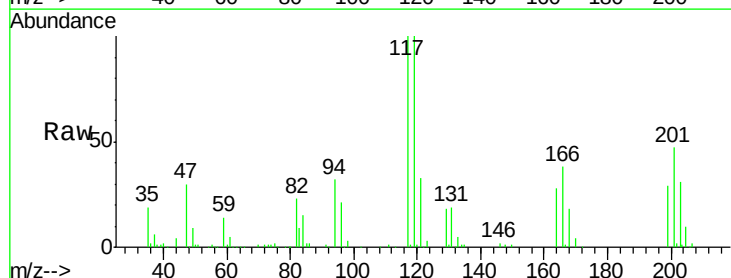
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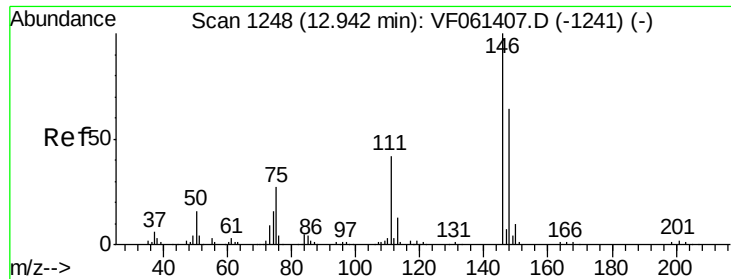
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#90  
Hexachloroethane  
Concen: 21.759 ug/l  
RT: 12.94 min Scan# 1248  
Delta R.T. 0.03 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 201     | 46.9  | 29.3  | 87.8  |





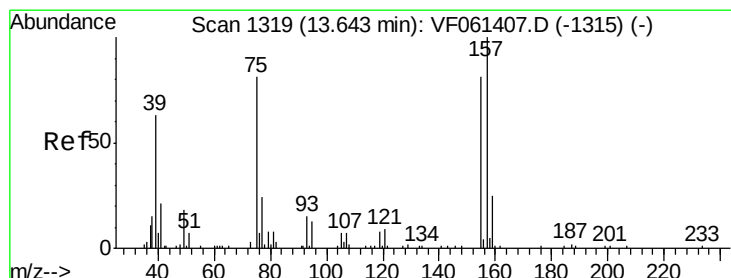
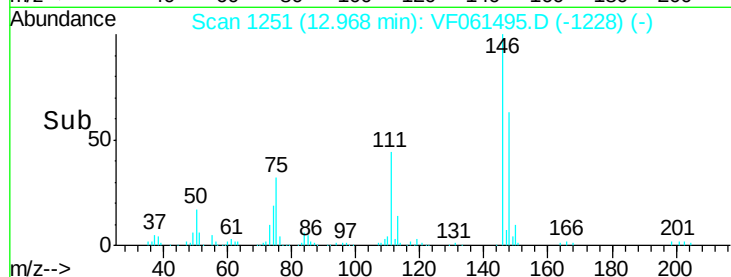
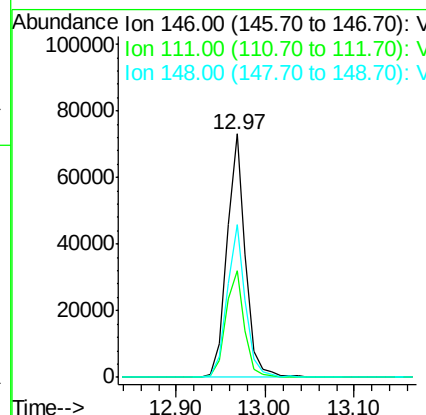
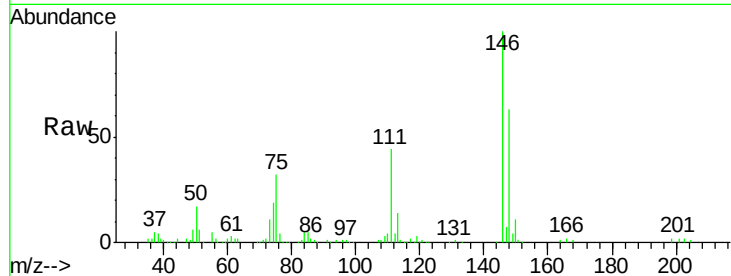
#91  
 1,2-Dichlorobenzene  
 Concen: 20.510 ug/l  
 RT: 12.97 min Scan# 1251  
 Delta R.T. 0.03 min  
 Lab File: VF061495.D  
 Acq: 24 Jan 2019 12:47

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0124SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 44.0  | 21.1  | 63.3  |
| 148     | 62.6  | 31.9  | 95.7  |

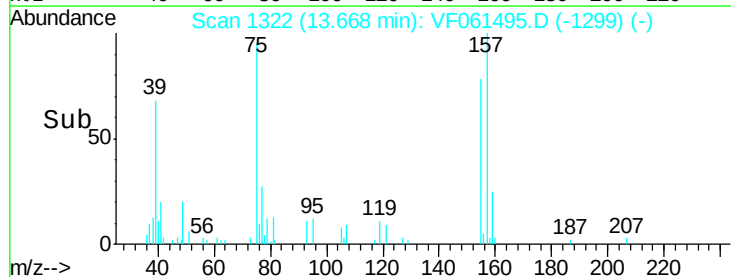
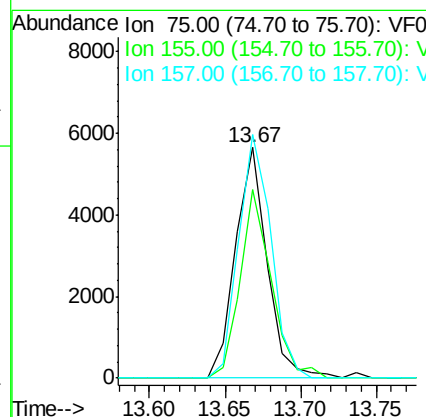
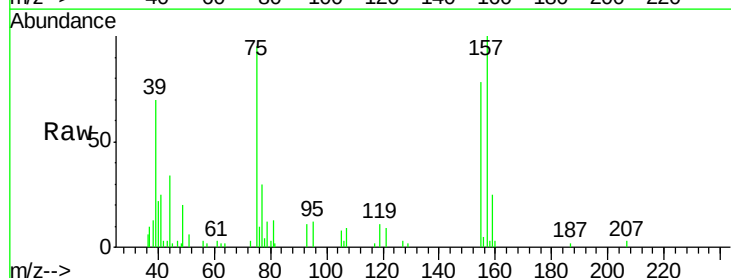
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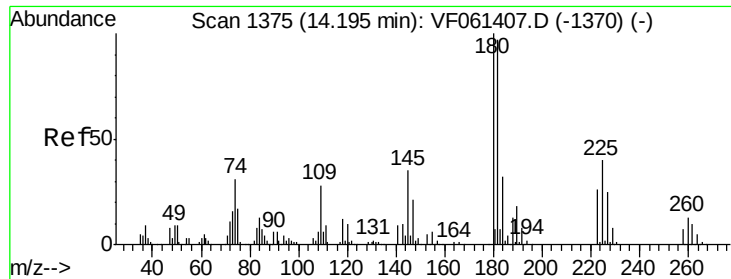
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#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.625 ug/l  
 RT: 13.67 min Scan# 1322  
 Delta R.T. 0.03 min  
 Lab File: VF061495.D  
 Acq: 24 Jan 2019 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 82.0  | 49.7  | 149.1 |
| 157     | 105.7 | 61.4  | 184.1 |





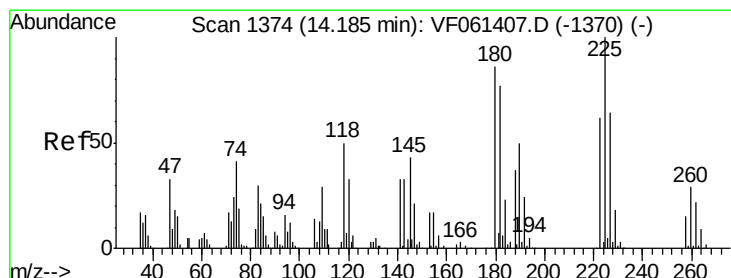
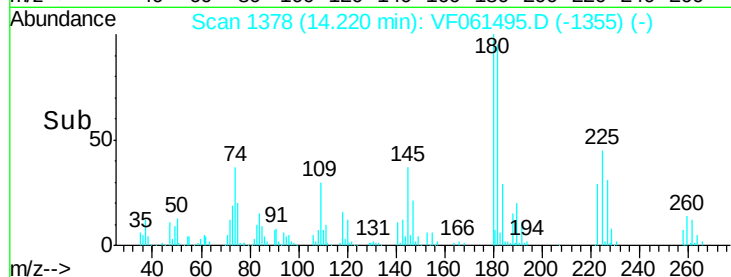
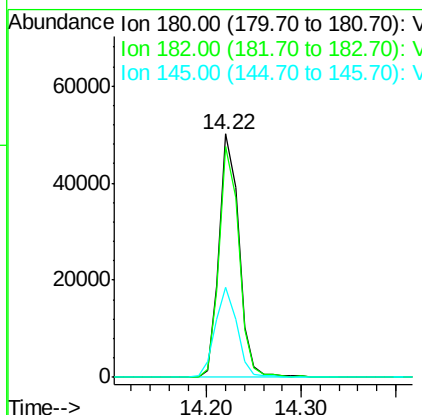
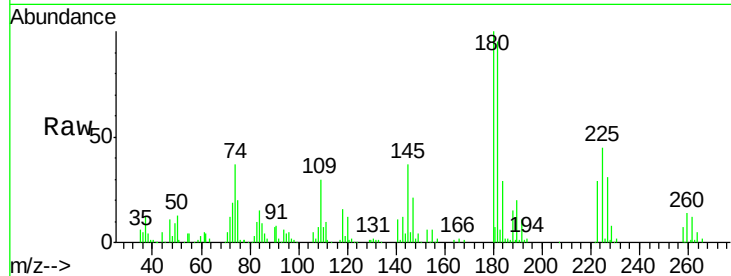
#93  
 1,2,4-Trichlorobenzene  
 Concen: 20.159 ug/l  
 RT: 14.22 min Scan# 1378  
 Delta R.T. 0.03 min  
 Lab File: VF061495.D  
 Acq: 24 Jan 2019 12:47

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0124SBSD01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 94.7  | 48.5  | 145.6 |
| 145     | 37.0  | 17.5  | 52.6  |

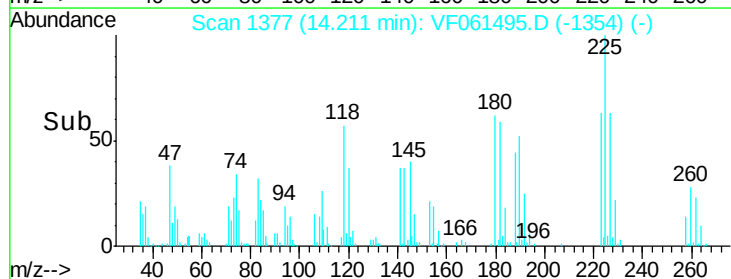
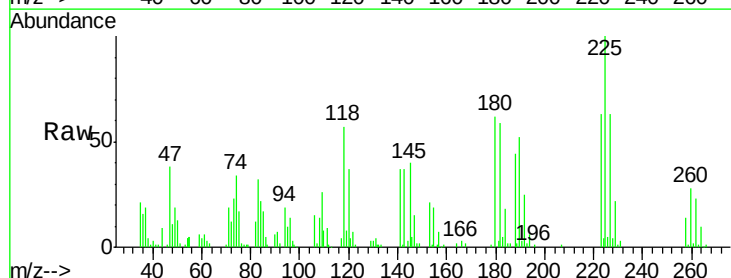
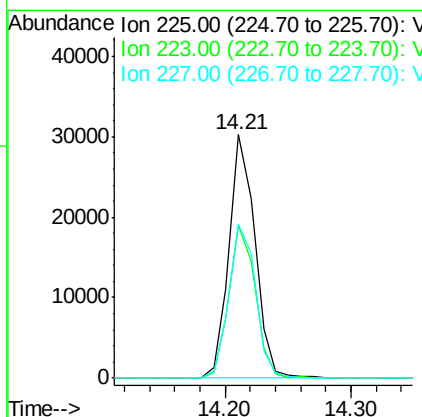
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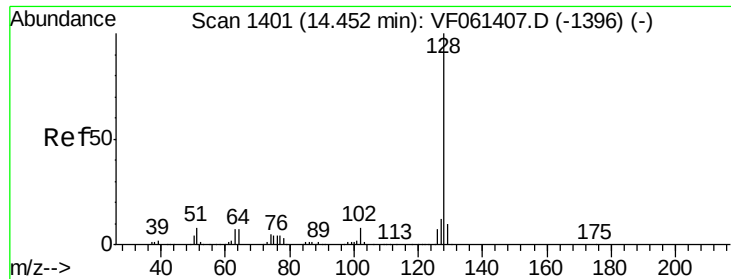
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#94  
 Hexachlorobutadiene  
 Concen: 18.956 ug/l  
 RT: 14.21 min Scan# 1377  
 Delta R.T. 0.03 min  
 Lab File: VF061495.D  
 Acq: 24 Jan 2019 12:47

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.6  | 31.1  | 93.2  |
| 227     | 63.1  | 32.2  | 96.6  |





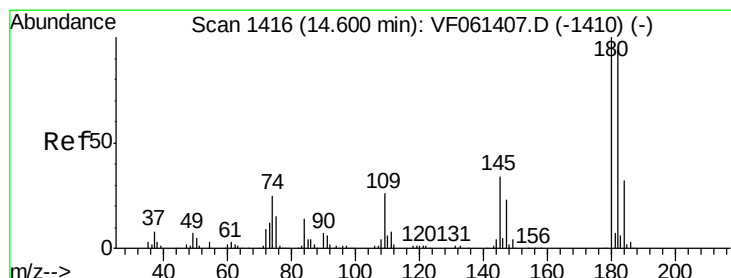
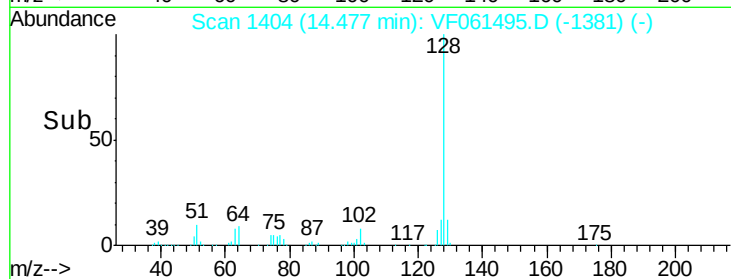
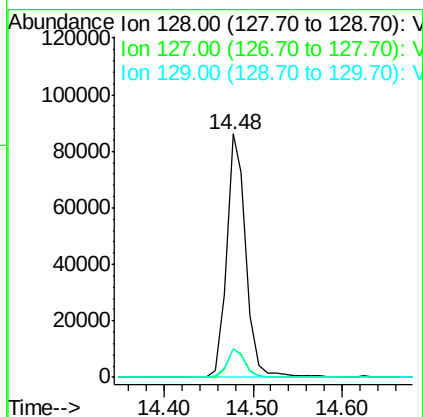
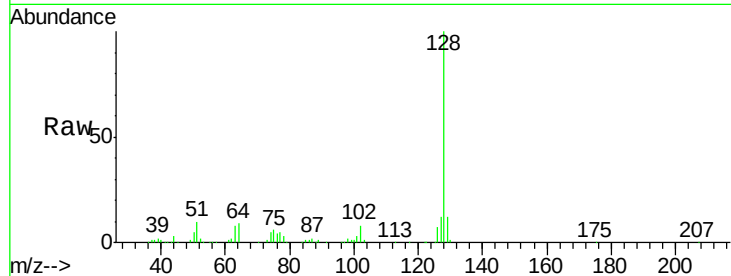
#95  
Naphthalene  
Concen: 19.020 ug/l  
RT: 14.48 min Scan# 1404  
Delta R.T. 0.03 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0124SBS01

| Tot Ion | Ratio | Resp   | Lower | Upper |
|---------|-------|--------|-------|-------|
| 128     | 100   | 132166 |       |       |
| 127     | 11.7  | 9.5    | 14.3  |       |
| 129     | 11.5  | 8.4    | 12.6  |       |

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#96  
1,2,3-Trichlorobenzene  
Concen: 19.278 ug/l  
RT: 14.62 min Scan# 1419  
Delta R.T. 0.03 min  
Lab File: VF061495.D  
Acq: 24 Jan 2019 12:47

| Tgt Ion | Ratio | Resp  | Lower | Upper |
|---------|-------|-------|-------|-------|
| 180     | 100   | 65269 |       |       |
| 182     | 93.5  | 47.0  | 141.2 |       |
| 145     | 36.0  | 17.1  | 51.2  |       |

