

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF021119\  
 Data File : VF061584.D  
 Acq On : 11 Feb 2019 14:20  
 Operator : VA/AP  
 Sample : VF0211SBSD01  
 Misc : 5.00g/5mL/MSVOA-F/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :

Quant Time: Feb 12 03:25:40 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      | 4.85  | 168  | 171979   | 50.00 | ug/l  | -0.02    |
| 34) 1,4-Difluorobenzene    | 5.58  | 114  | 283818   | 50.00 | ug/l  | -0.02    |
| 63) Chlorobenzene-d5       | 9.76  | 117  | 255592   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.54 | 152  | 129783   | 50.00 | ug/l  | 0.00     |

## System Monitoring Compounds

|                           |       |     |          |       |         |      |
|---------------------------|-------|-----|----------|-------|---------|------|
| 33) 1,2-Dichloroethane-d4 | 4.83  | 65  | 105745   | 49.80 | ug/l    | 0.00 |
| Spiked Amount             |       |     | Recovery | =     | 99.60%  |      |
| 35) Dibromofluoromethane  | 4.10  | 113 | 119238   | 53.24 | ug/l    | 0.00 |
| Spiked Amount             |       |     | Recovery | =     | 106.48% |      |
| 50) Toluene-d8            | 7.54  | 98  | 287362   | 46.83 | ug/l    | 0.00 |
| Spiked Amount             |       |     | Recovery | =     | 93.66%  |      |
| 62) 4-Bromofluorobenzene  | 11.40 | 95  | 136831   | 47.73 | ug/l    | 0.00 |
| Spiked Amount             |       |     | Recovery | =     | 95.46%  |      |

## Target Compounds

|                               |      |     |        |         |        | Qvalue |
|-------------------------------|------|-----|--------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 0.96 | 85  | 59334  | 17.559  | ug/l   | 95     |
| 3) Chloromethane              | 1.09 | 50  | 44102  | 17.799  | ug/l # | 86     |
| 4) Vinyl Chloride             | 1.14 | 62  | 41614  | 18.881  | ug/l   | 95     |
| 5) Bromomethane               | 1.31 | 94  | 28929  | 20.128  | ug/l   | 99     |
| 6) Chloroethane               | 1.40 | 64  | 19096  | 19.553  | ug/l   | 96     |
| 7) Trichlorofluoromethane     | 1.46 | 101 | 59670  | 13.926  | ug/l   | 96     |
| 8) Diethyl Ether              | 1.62 | 74  | 11498  | 20.943  | ug/l   | 88     |
| 9) 1,1,2-Trichlorotrifluoroet | 1.83 | 101 | 42764  | 20.771  | ug/l   | 92     |
| 10) Methyl Iodide             | 1.91 | 142 | 49331  | 15.456  | ug/l   | 92     |
| 11) Tert butyl alcohol        | 2.55 | 59  | 9134   | 101.630 | ug/l   | 94     |
| 12) 1,1-Dichloroethene        | 1.79 | 96  | 31706  | 20.729  | ug/l   | 89     |
| 13) Acrolein                  | 1.82 | 56  | 477    | 16.244  | ug/l   | 84     |
| 14) Allyl chloride            | 2.09 | 41  | 49382  | 28.749  | ug/l   | 87     |
| 15) Acrylonitrile             | 2.92 | 53  | 23187  | 100.718 | ug/l   | 96     |
| 16) Acetone                   | 2.22 | 43  | 51612  | 121.167 | ug/l # | 92     |
| 17) Carbon Disulfide          | 1.82 | 76  | 67519  | 14.157  | ug/l   | 96     |
| 18) Methyl Acetate            | 2.33 | 43  | 19441  | 23.014  | ug/l # | 90     |
| 19) Methyl tert-butyl Ether   | 2.41 | 73  | 68798  | 20.064  | ug/l   | 97     |
| 20) Methylene Chloride        | 2.24 | 84  | 17622  | 10.810  | ug/l   | 92     |
| 21) trans-1,2-Dichloroethene  | 2.30 | 96  | 34206  | 20.326  | ug/l   | 89     |
| 22) Diisopropyl ether         | 2.79 | 45  | 113052 | 20.769  | ug/l   | 96     |
| 23) Vinyl Acetate             | 3.17 | 43  | 258722 | 109.875 | ug/l   | 96     |
| 24) 1,1-Dichloroethane        | 2.86 | 63  | 67708  | 19.819  | ug/l   | 98     |
| 25) 2-Butanone                | 4.32 | 43  | 76887  | 108.543 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 3.58 | 77  | 41924  | 19.974  | ug/l   | 92     |
| 27) cis-1,2-Dichloroethene    | 3.47 | 96  | 50738  | 20.424  | ug/l   | 100    |
| 28) Bromochloromethane        | 3.70 | 49  | 31925  | 20.789  | ug/l # | 92     |
| 29) Tetrahydrofuran           | 4.05 | 42  | 30569  | 100.222 | ug/l   | 95     |
| 30) Chloroform                | 3.84 | 83  | 100150 | 21.722  | ug/l   | 99     |
| 31) Cyclohexane               | 3.67 | 56  | 39631  | 11.613  | ug/l   | 97     |
| 32) 1,1,1-Trichloroethane     | 4.08 | 97  | 60307  | 17.839  | ug/l   | 93     |
| 36) 1,1-Dichloropropene       | 4.27 | 75  | 67913  | 20.638  | ug/l   | 94     |
| 37) Ethyl Acetate             | 4.09 | 43  | 29533  | 22.452  | ug/l   | 95     |
| 38) Carbon Tetrachloride      | 3.97 | 117 | 55898  | 19.430  | ug/l   | 96     |

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 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :

Quant Time: Feb 12 03:25:40 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          | 5.44  | 83   | 74434    | 20.872  | ug/l   | 95       |
| 40) Benzene                    | 4.61  | 78   | 153433   | 20.954  | ug/l   | 99       |
| 41) Methacrylonitrile          | 4.73  | 41   | 13940    | 19.916  | ug/l   | 94       |
| 42) 1,2-Dichloroethane         | 4.93  | 62   | 57279    | 21.952  | ug/l   | 95       |
| 43) Isopropyl Acetate          | 6.94  | 43   | 34061    | 20.631  | ug/l # | 100      |
| 44) Trichloroethene            | 5.49  | 130  | 50086    | 22.297  | ug/l   | 95       |
| 45) 1,2-Dichloropropane        | 6.22  | 63   | 40545    | 21.097  | ug/l   | 95       |
| 46) Dibromomethane             | 6.06  | 93   | 26258    | 20.548  | ug/l # | 86       |
| 47) Bromodichloromethane       | 6.37  | 83   | 67926    | 21.484  | ug/l   | 97       |
| 48) Methyl methacrylate        | 6.70  | 41   | 21750    | 19.619  | ug/l   | 95       |
| 49) 1,4-Dioxane                | 6.69  | 88   | 3659     | 433.509 | ug/l # | 78       |
| 51) 4-Methyl-2-Pentanone       | 8.24  | 43   | 128612   | 105.967 | ug/l   | 100      |
| 52) Toluene                    | 7.61  | 92   | 94845    | 19.669  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 8.26  | 75   | 52808    | 21.034  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 7.28  | 75   | 67153    | 21.399  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 8.48  | 97   | 27636    | 20.182  | ug/l   | 94       |
| 56) Ethyl methacrylate         | 8.61  | 69   | 32489    | 20.393  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 8.83  | 76   | 50607    | 19.717  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 7.27  | 63   | 24037    | 155.564 | ug/l   | 97       |
| 59) 2-Hexanone                 | 9.47  | 43   | 100771   | 119.068 | ug/l   | 93       |
| 60) Dibromochloromethane       | 8.71  | 129  | 42428    | 21.194  | ug/l   | 95       |
| 61) 1,2-Dibromoethane          | 8.97  | 107  | 29766    | 18.988  | ug/l   | 93       |
| 64) Tetrachloroethene          | 8.13  | 164  | 39124    | 20.355  | ug/l   | 92       |
| 65) Chlorobenzene              | 9.78  | 112  | 105087   | 20.218  | ug/l   | 97       |
| 66) 1,1,1,2-Tetrachloroethane  | 9.92  | 131  | 46650    | 22.530  | ug/l   | 98       |
| 67) Ethyl Benzene              | 9.89  | 91   | 195774   | 20.616  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.12 | 106  | 139319   | 40.790  | ug/l   | 93       |
| 69) o-Xylene                   | 10.70 | 106  | 80501    | 21.746  | ug/l   | 99       |
| 70) Styrene                    | 10.78 | 104  | 108337   | 21.380  | ug/l   | 99       |
| 71) Bromoform                  | 10.76 | 173  | 20801    | 22.359  | ug/l   | 96       |
| 73) Isopropylbenzene           | 11.11 | 105  | 245483   | 23.256  | ug/l   | 100      |
| 74) N-amyl acetate             | 11.36 | 43   | 62273    | 24.949  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.68 | 83   | 39565    | 21.040  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane     | 11.78 | 75   | 29382    | 21.745  | ug/l   | 97       |
| 77) Bromobenzene               | 11.48 | 156  | 51737    | 23.209  | ug/l   | 88       |
| 78) n-propylbenzene            | 11.59 | 91   | 277093   | 20.152  | ug/l   | 97       |
| 79) 2-Chlorotoluene            | 11.70 | 91   | 160445   | 21.907  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.81 | 105  | 192001   | 22.539  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.85 | 75   | 17201    | 29.285  | ug/l # | 87       |
| 82) 4-Chlorotoluene            | 11.89 | 91   | 159751   | 21.616  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 12.12 | 119  | 207878   | 23.578  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 12.19 | 105  | 197311   | 22.487  | ug/l   | 91       |
| 85) sec-Butylbenzene           | 12.30 | 105  | 273077   | 22.807  | ug/l   | 98       |
| 86) p-Isopropyltoluene         | 12.44 | 119  | 231738   | 23.577  | ug/l   | 96       |
| 87) 1,3-Dichlorobenzene        | 12.46 | 146  | 99463    | 21.268  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.55 | 146  | 93027    | 22.084  | ug/l   | 97       |
| 89) n-Butylbenzene             | 12.83 | 91   | 233054   | 22.991  | ug/l   | 95       |
| 90) Hexachloroethane           | 12.91 | 117  | 53975    | 23.296  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene        | 12.93 | 146  | 88470    | 21.215  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.63 | 75   | 6751     | 20.241  | ug/l   | 76       |

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Acq On : 11 Feb 2019 14:20  
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Sample : VF0211SBSD01  
Misc : 5.00g/5mL/MSVOA-F/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
MSVOA\_F  
ClientSampleId :

Quant Time: Feb 12 03:25:40 2019  
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

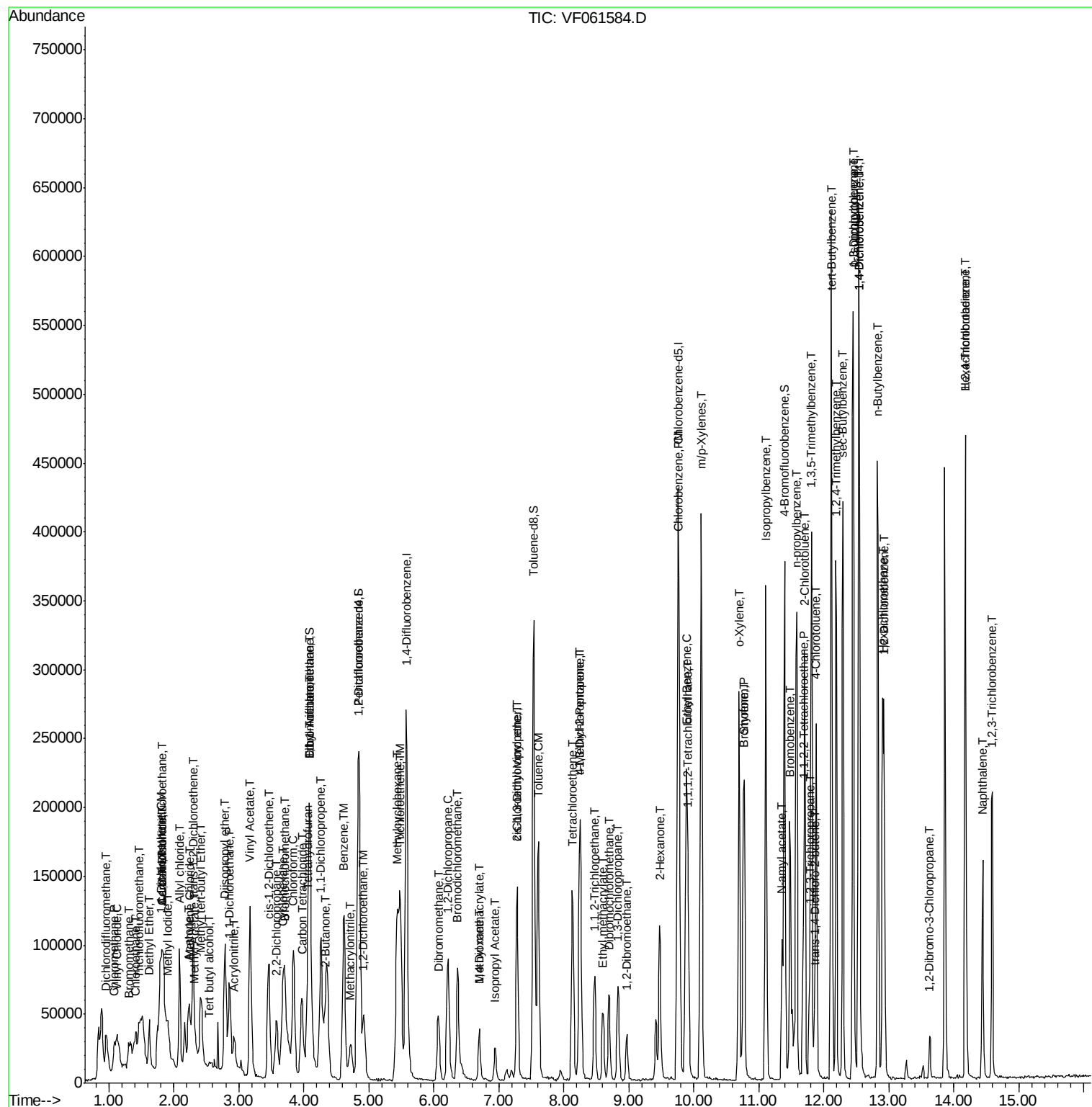
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.19 | 180  | 64465    | 22.067 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 14.18 | 225  | 39909    | 22.016 | ug/l  | 95       |
| 95) Naphthalene            | 14.45 | 128  | 111845   | 20.151 | ug/l  | 97       |
| 96) 1,2,3-Trichlorobenzene | 14.59 | 180  | 61195    | 22.629 | ug/l  | 97       |

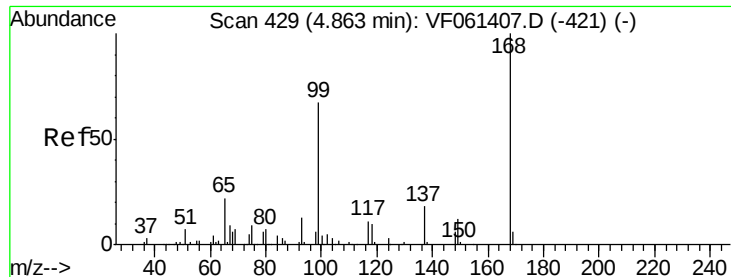
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF021119\  
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Sample : VF0211SBSD01  
Misc : 5.00µ/5mL/MSVOA-F/SOIL  
ALS Vial : 5 Sample Multiplier: 1

Instrument :  
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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: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Instrument :

MSVOA\_F

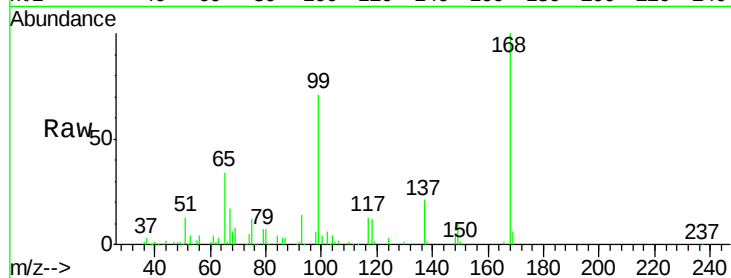
ClientSampled :

Tot Ion:168 Resp: 171979

Ion Ratio Lower Upper

168 100

99 71.5 53.5 80.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

60000

50000

40000

30000

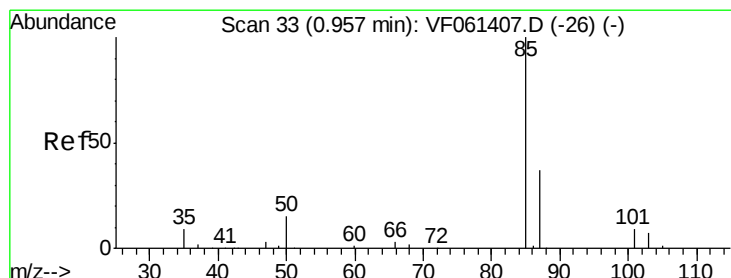
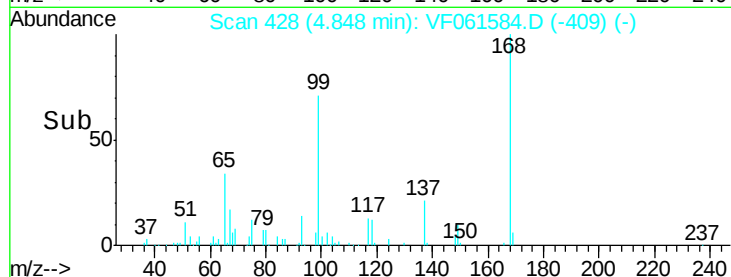
20000

10000

0

Time-->

4.70 4.80 4.90 5.00



#2

Dichlorodifluoromethane

Concen: 17.559 ug/l

RT: 0.96 min Scan# 34

Delta R.T. 0.00 min

Lab File: VF061584.D

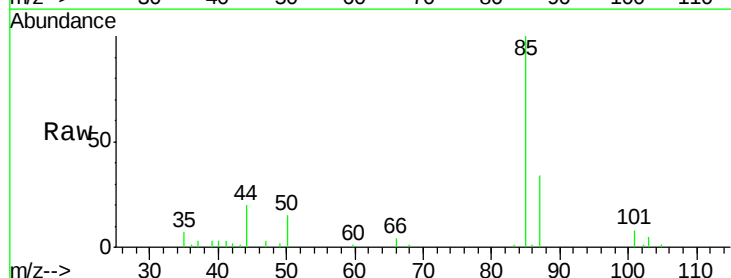
Acq: 11 Feb 2019 14:20

Tgt Ion: 85 Resp: 59334

Ion Ratio Lower Upper

85 100

87 33.8 18.4 55.0



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.96

15000

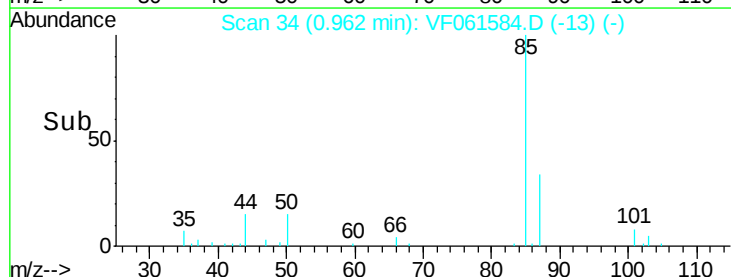
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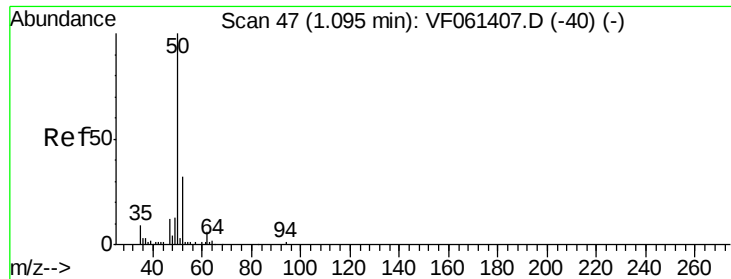
5000

0

Time-->

0.90 1.00 1.10





#3

Chloromethane

Concen: 17.799 ug/l

RT: 1.09 min Scan# 47

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Instrument :

MSVOA\_F

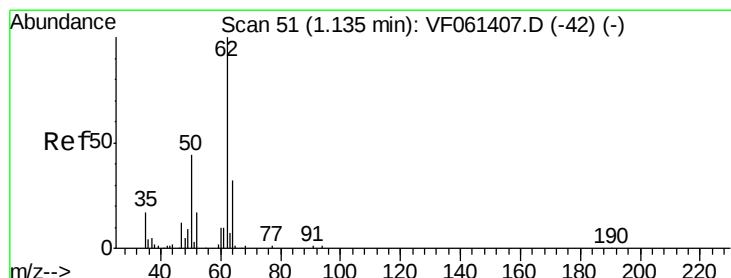
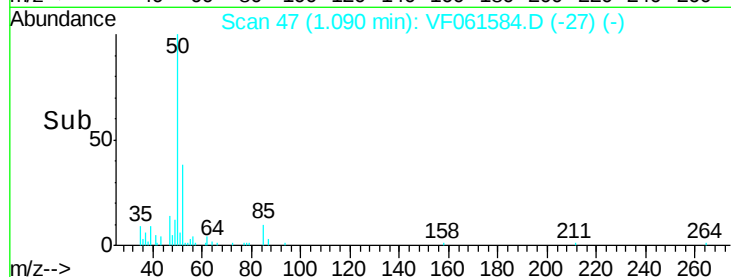
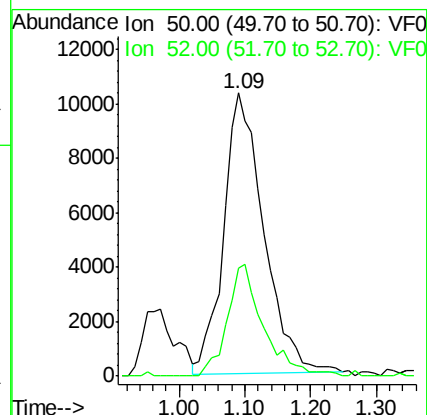
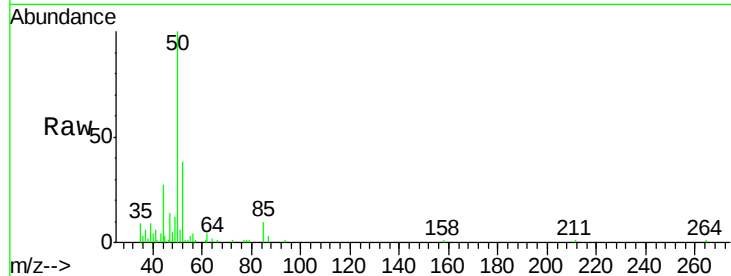
ClientSampled :

Tot Ion: 50 Resp: 44102

Ion Ratio Lower Upper

50 100

52 38.3 24.6 36.8#



#4

Vinyl Chloride

Concen: 18.881 ug/l

RT: 1.14 min Scan# 52

Delta R.T. 0.00 min

Lab File: VF061584.D

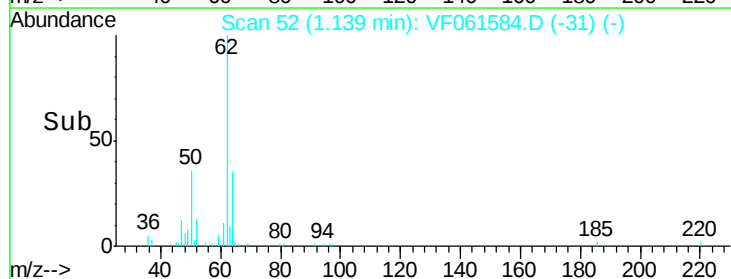
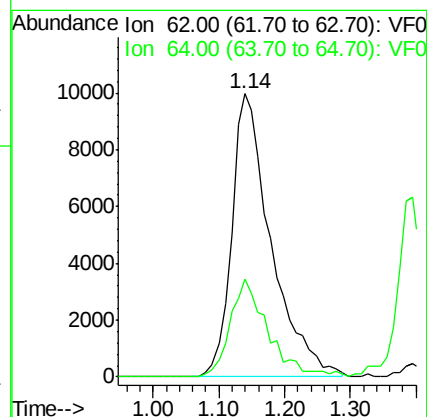
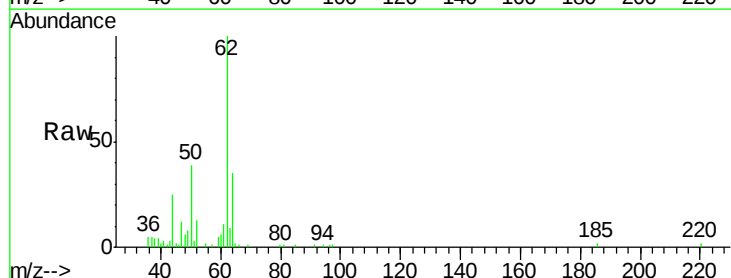
Acq: 11 Feb 2019 14:20

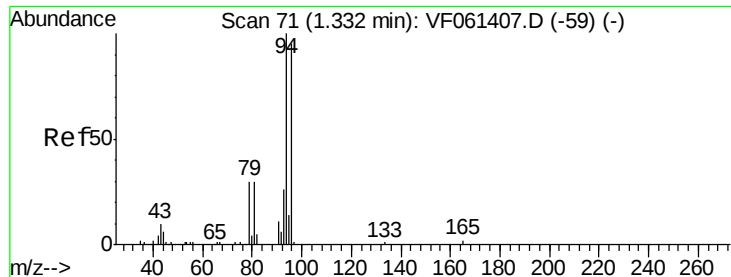
Tgt Ion: 62 Resp: 41614

Ion Ratio Lower Upper

62 100

64 34.7 25.6 38.4





#5

Bromomethane

Concen: 20.128 ug/l

RT: 1.31 min Scan# 69

Delta R.T. -0.03 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

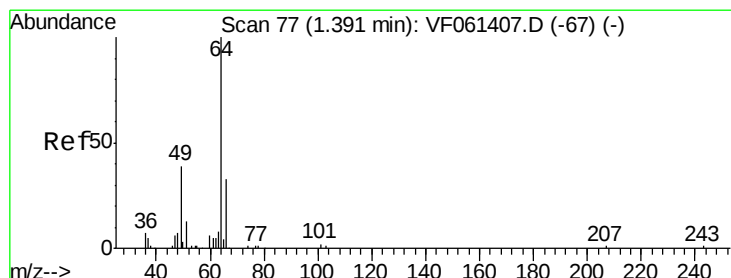
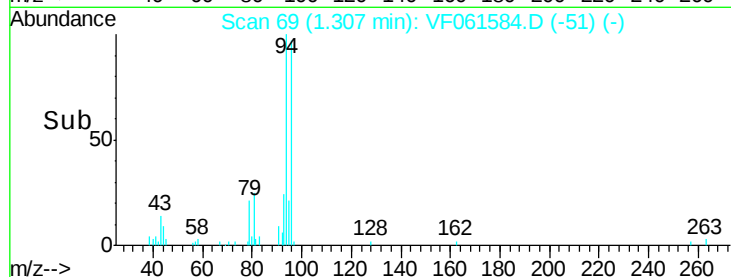
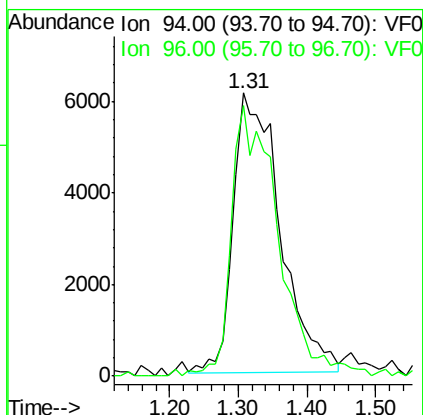
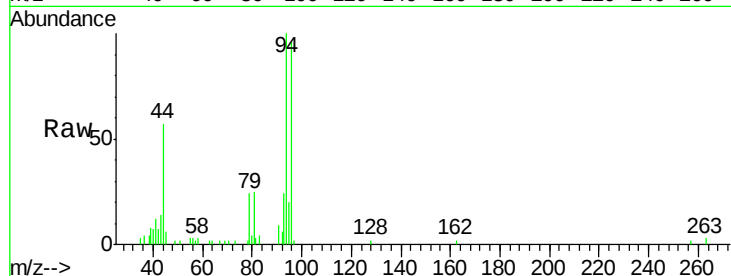
Instrument :  
MSVOA\_F  
ClientSampleId :

Tot Ion: 94 Resp: 28929

Ion Ratio Lower Upper

94 100

96 95.6 76.0 114.0



#6

Chloroethane

Concen: 19.553 ug/l

RT: 1.40 min Scan# 78

Delta R.T. 0.00 min

Lab File: VF061584.D

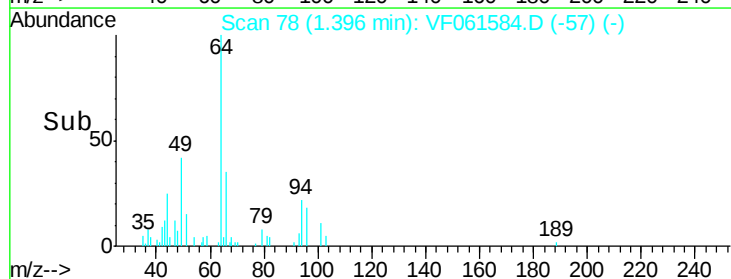
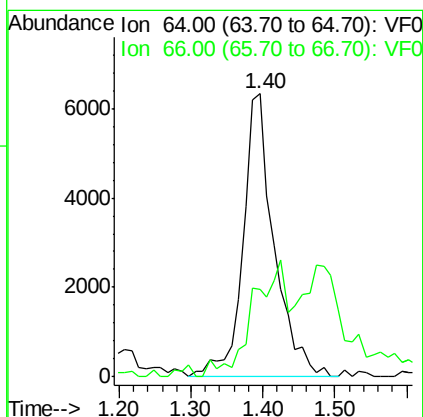
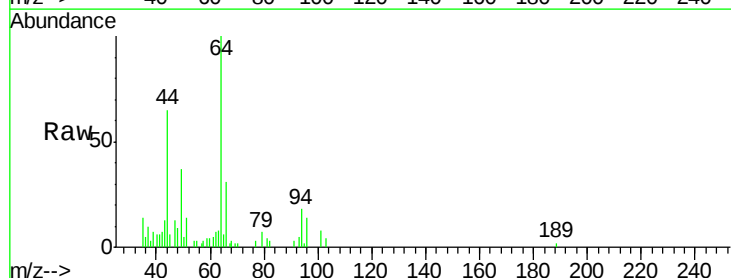
Acq: 11 Feb 2019 14:20

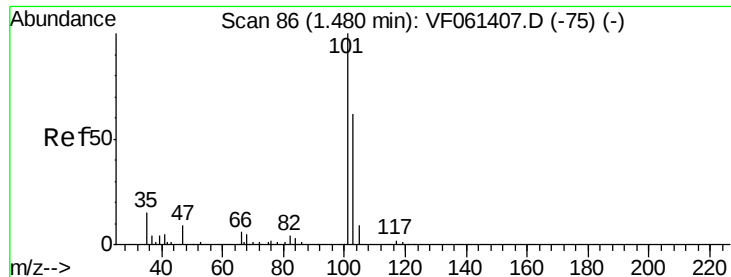
Tgt Ion: 64 Resp: 19096

Ion Ratio Lower Upper

64 100

66 30.9 26.6 40.0



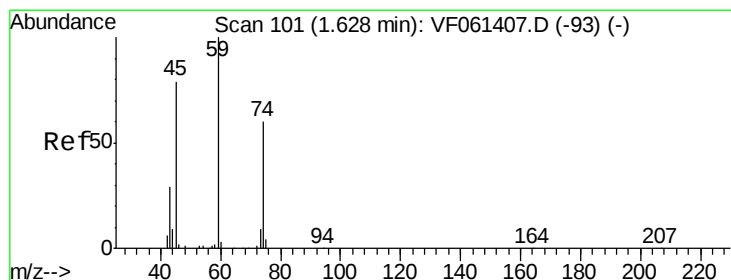
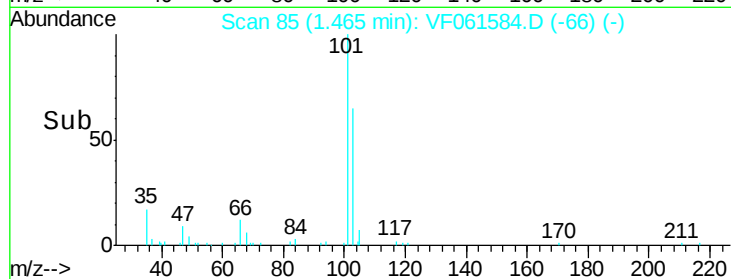
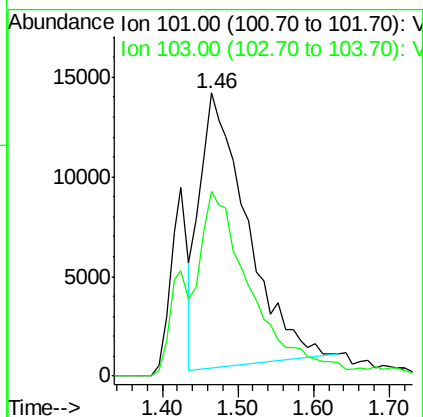
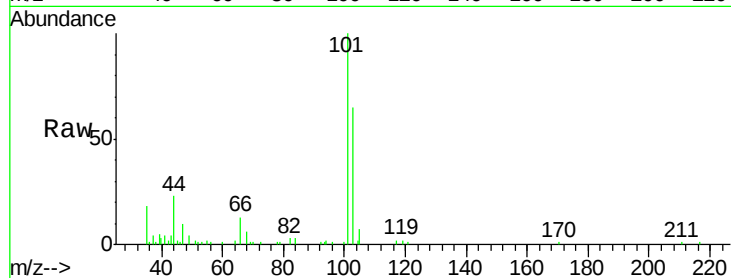


#7

Trichlorofluoromethane  
 Concen: 13.926 ug/l  
 RT: 1.46 min Scan# 85  
 Delta R.T. -0.02 min  
 Lab File: VF061584.D  
 Acq: 11 Feb 2019 14:20

Instrument :  
 MSVOA\_F  
 ClientSampleId :

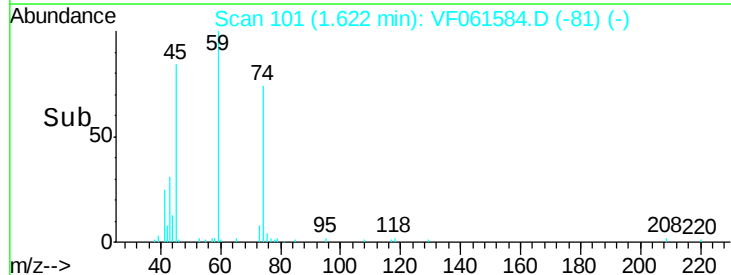
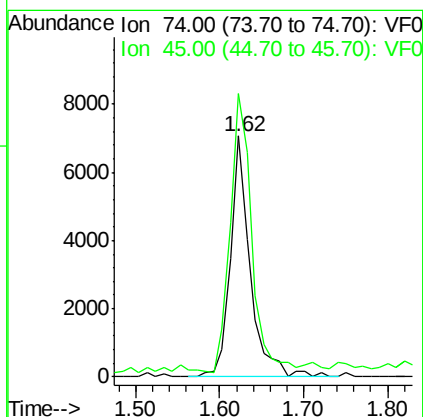
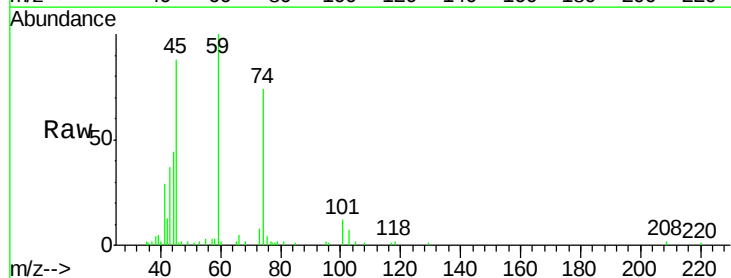
Tot Ion:101 Resp: 59670  
 Ion Ratio Lower Upper  
 101 100  
 103 65.4 49.7 74.5

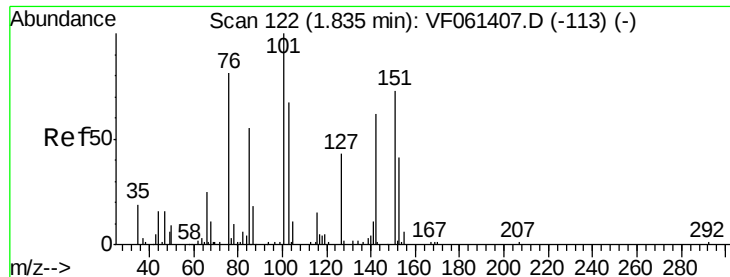


#8

Diethyl Ether  
 Concen: 20.943 ug/l  
 RT: 1.62 min Scan# 101  
 Delta R.T. -0.01 min  
 Lab File: VF061584.D  
 Acq: 11 Feb 2019 14:20

Tgt Ion: 74 Resp: 11498  
 Ion Ratio Lower Upper  
 74 100  
 45 117.7 65.8 197.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.771 ug/l

RT: 1.83 min Scan# 122

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Instrument :

MSVOA\_F

ClientSampleId :

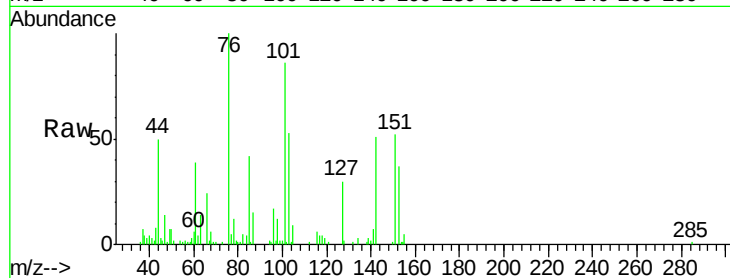
Tot Ion:101 Resp: 42764

Ion Ratio Lower Upper

101 100

85 49.6 41.9 62.9

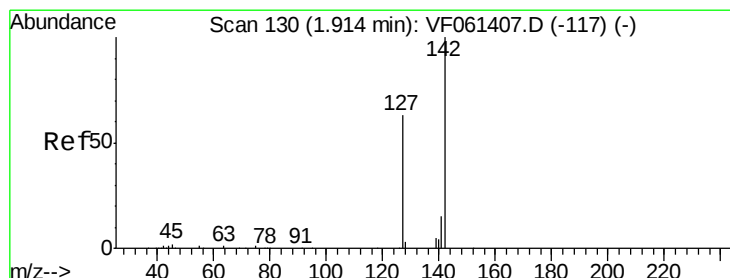
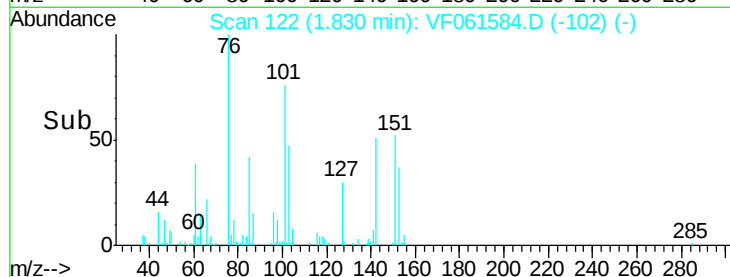
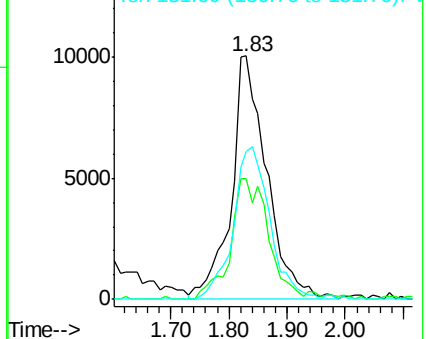
151 60.5 55.1 82.7



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 15.456 ug/l

RT: 1.91 min Scan# 130

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

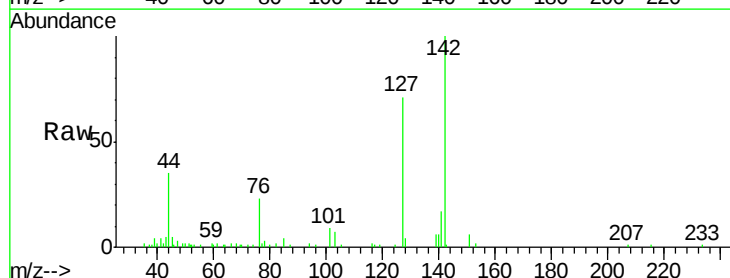
Tgt Ion:142 Resp: 49331

Ion Ratio Lower Upper

142 100

127 69.6 50.7 76.1

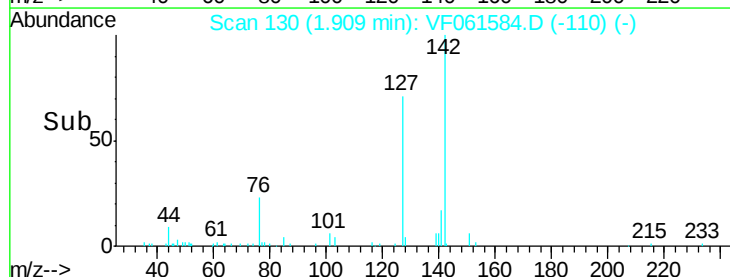
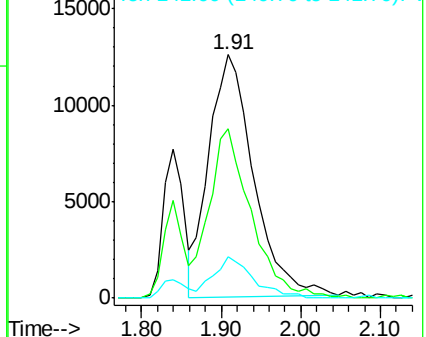
141 17.0 11.8 17.6

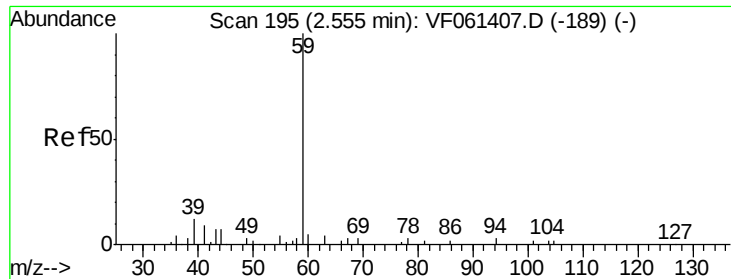


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V

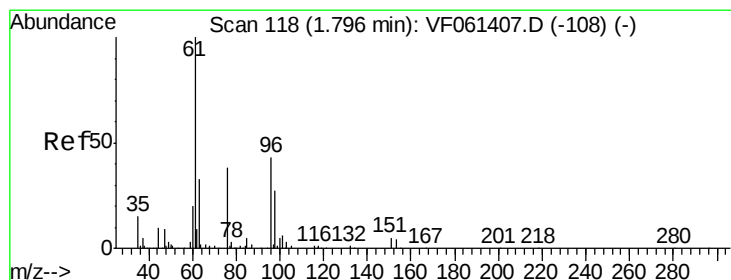
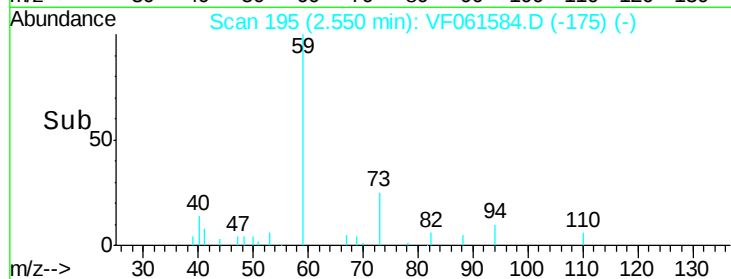
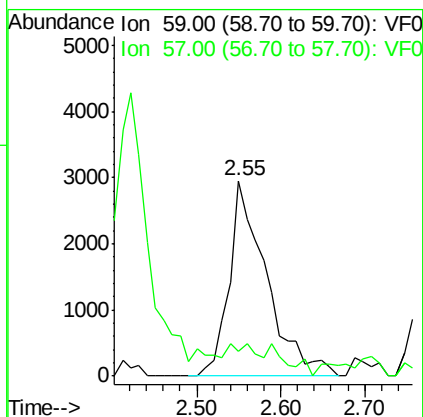
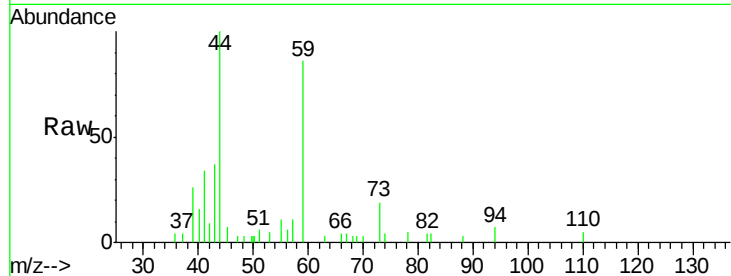




#11  
Tert butyl alcohol  
Concen: 101.630 ug/l  
RT: 2.55 min Scan# 195  
Delta R.T. -0.01 min  
Lab File: VF061584.D  
Acq: 11 Feb 2019 14:20

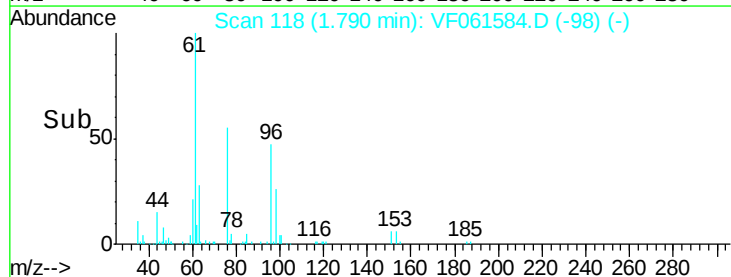
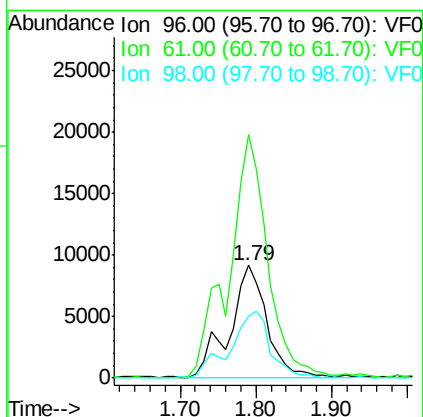
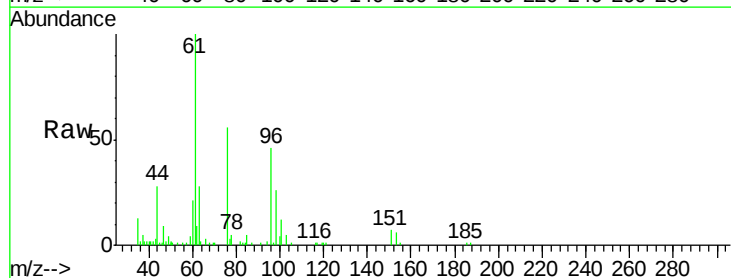
Instrument :  
MSVOA\_F  
ClientSampleId :

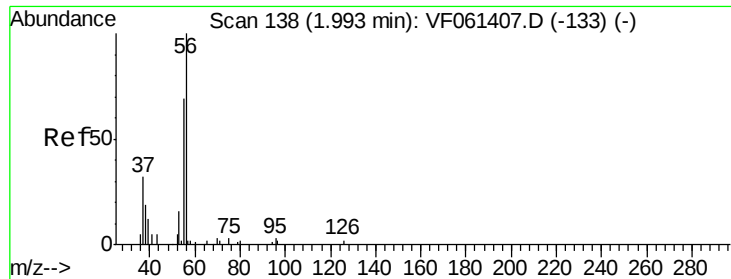
Tot Ion: 59 Resp: 9134  
Ion Ratio Lower Upper  
59 100  
57 12.6 11.9 17.9



#12  
1,1-Dichloroethene  
Concen: 20.729 ug/l  
RT: 1.79 min Scan# 118  
Delta R.T. -0.01 min  
Lab File: VF061584.D  
Acq: 11 Feb 2019 14:20

Tgt Ion: 96 Resp: 31706  
Ion Ratio Lower Upper  
96 100  
61 216.0 186.9 280.3  
98 55.2 53.0 79.4





#13

Acrolein

Concen: 16.244 ug/l

RT: 1.82 min Scan# 121

Delta R.T. -0.17 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

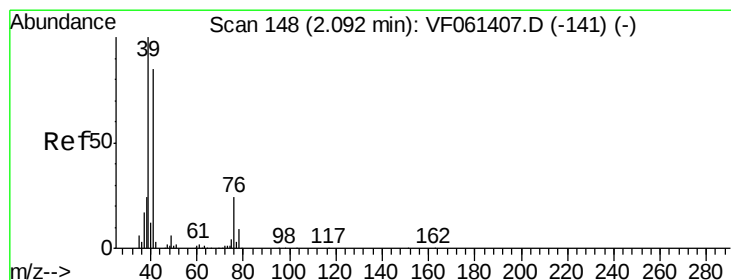
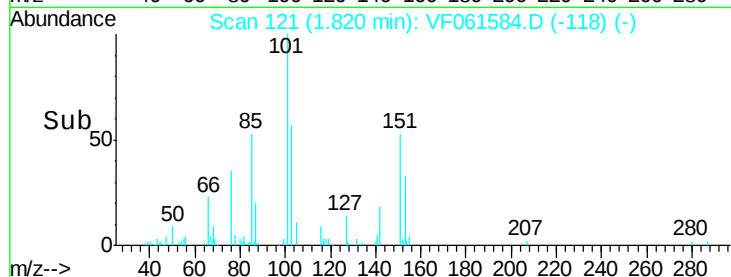
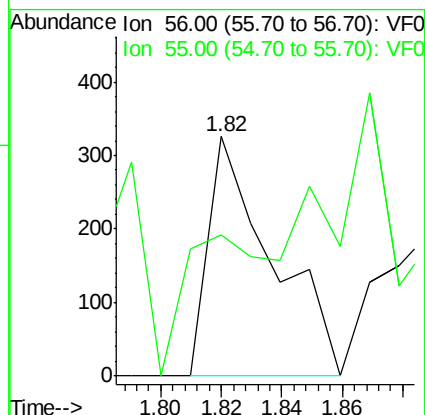
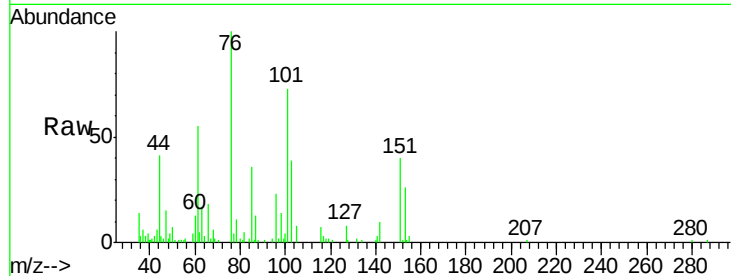
Instrument :  
MSVOA\_F  
ClientSampleId :

Tot Ion: 56 Resp: 477

Ion Ratio Lower Upper

56 100

55 58.9 57.5 86.3



#14

Allyl chloride

Concen: 28.749 ug/l

RT: 2.09 min Scan# 148

Delta R.T. -0.00 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

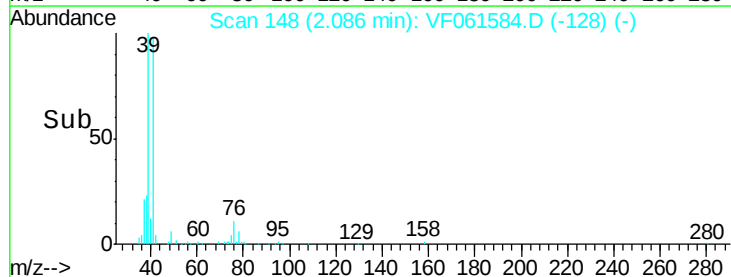
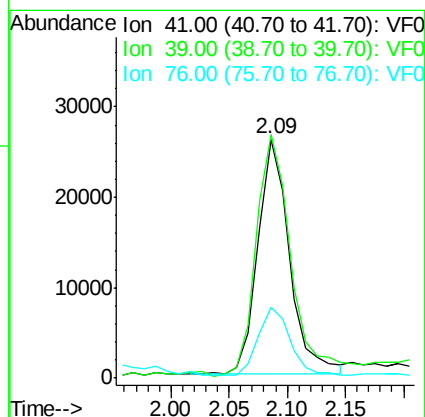
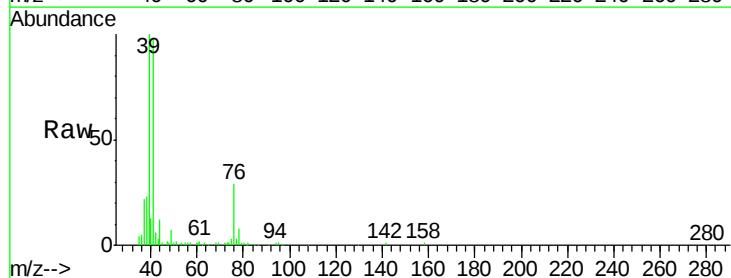
Tgt Ion: 41 Resp: 49382

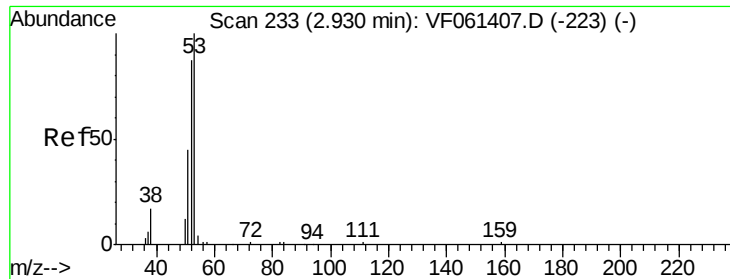
Ion Ratio Lower Upper

41 100

39 102.1 94.6 141.8

76 29.6 25.9 38.9





#15

Acrylonitrile

Concen: 100.718 ug/l

RT: 2.92 min Scan# 233

Delta R.T. -0.01 min

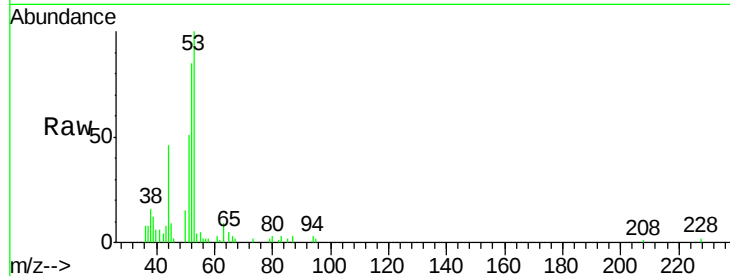
Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Instrument :  
MSVOA\_F  
ClientSampleId :

Tot Ion: 53 Resp: 23187

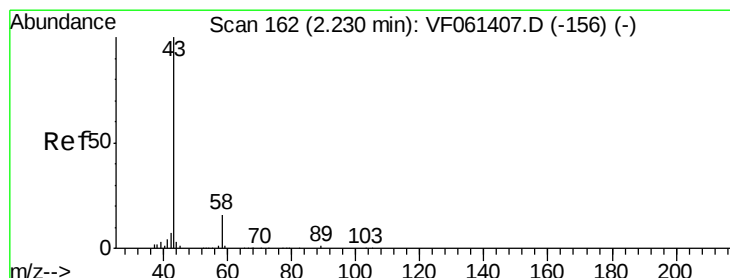
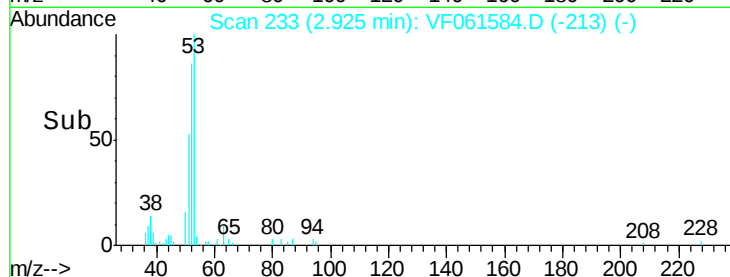
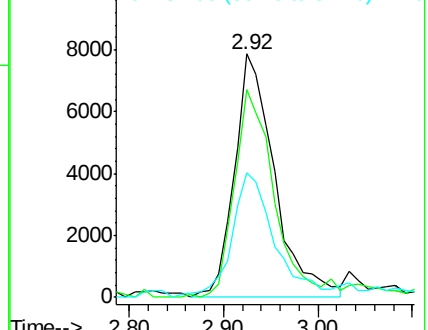
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 85.5  | 69.6  | 104.4 |
| 51  | 51.2  | 36.8  | 55.2  |



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 121.167 ug/l

RT: 2.22 min Scan# 162

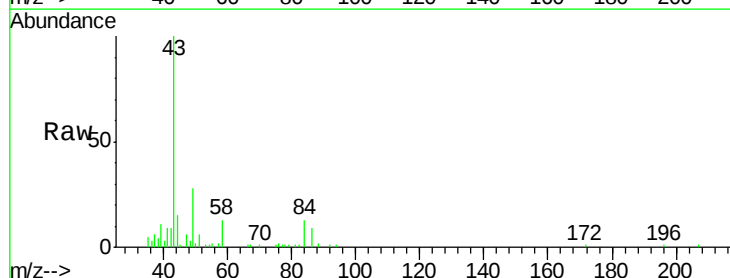
Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

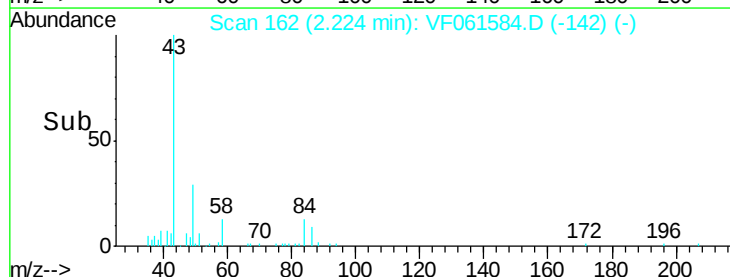
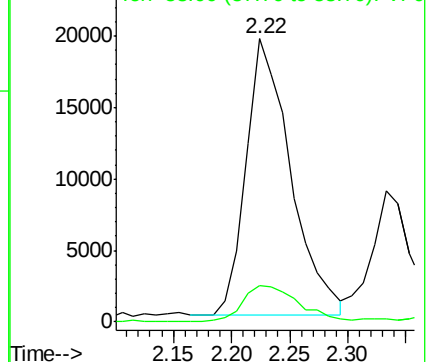
Tgt Ion: 43 Resp: 51612

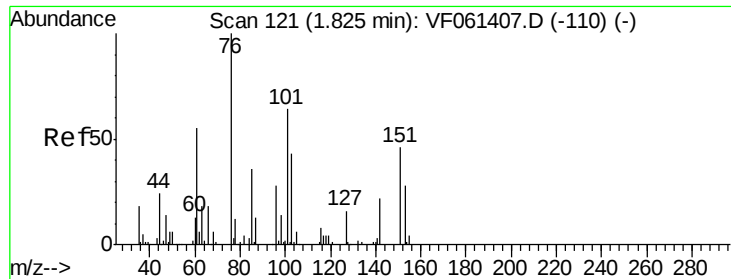
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 13.0  | 13.3  | 19.9# |



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

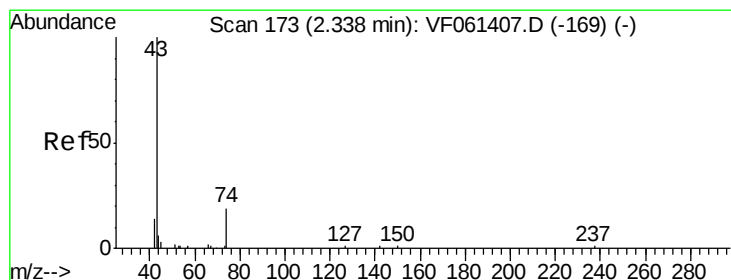
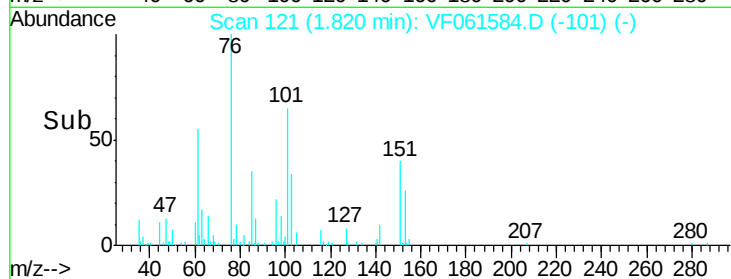
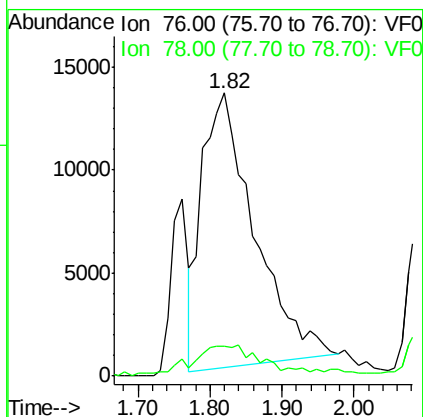
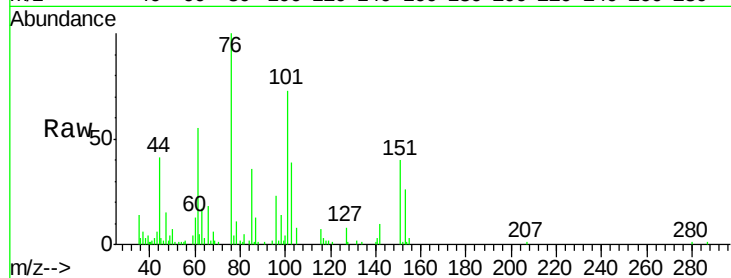




#17  
Carbon Disulfide  
Concen: 14.157 ug/l  
RT: 1.82 min Scan# 121  
Delta R.T. -0.01 min  
Lab File: VF061584.D  
Acq: 11 Feb 2019 14:20

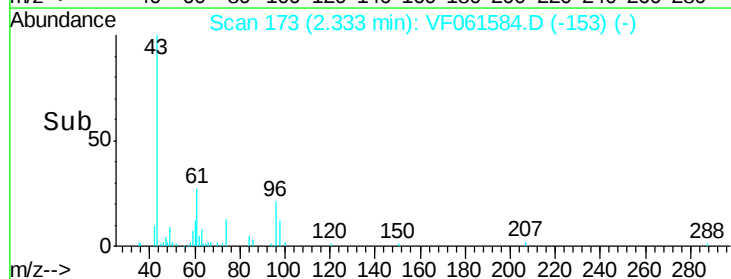
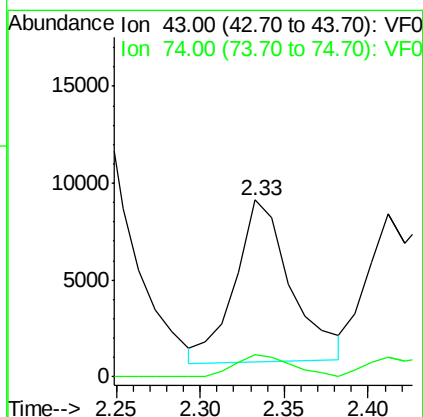
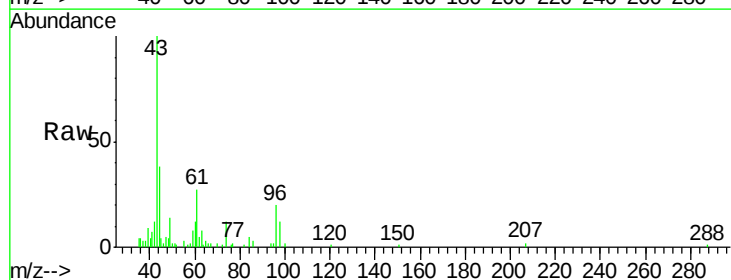
Instrument :  
MSVOA\_F  
ClientSampleId :

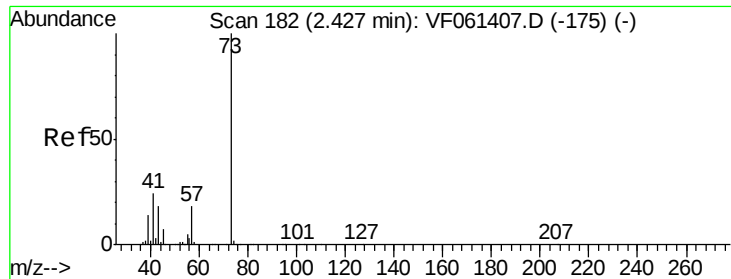
Tot Ion: 76 Resp: 67519  
Ion Ratio Lower Upper  
76 100  
78 10.6 9.6 14.4



#18  
Methyl Acetate  
Concen: 23.014 ug/l  
RT: 2.33 min Scan# 173  
Delta R.T. -0.01 min  
Lab File: VF061584.D  
Acq: 11 Feb 2019 14:20

Tgt Ion: 43 Resp: 19441  
Ion Ratio Lower Upper  
43 100  
74 12.5 13.4 20.0#



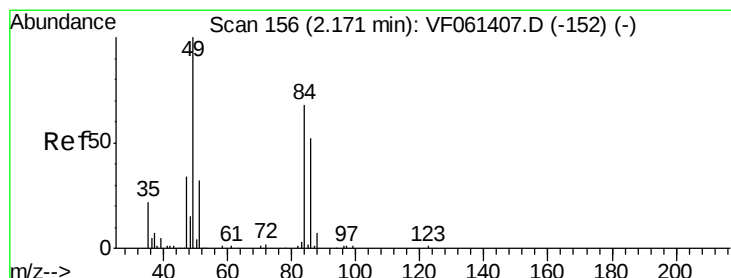
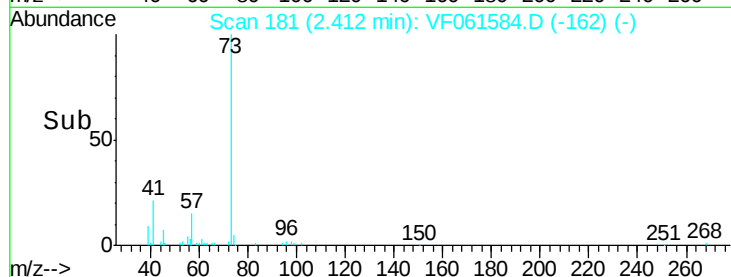
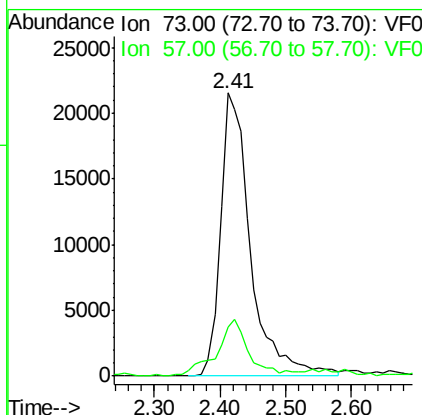
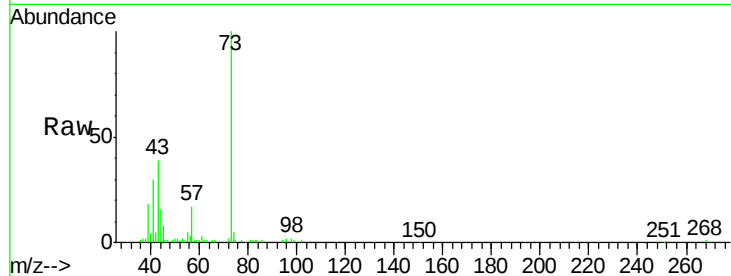


#19

Methyl tert-butyl Ether  
 Concen: 20.064 ug/l  
 RT: 2.41 min Scan# 181  
 Delta R.T. -0.02 min  
 Lab File: VF061584.D  
 Acq: 11 Feb 2019 14:20

Instrument :  
 MSVOA\_F  
 ClientSampleId :

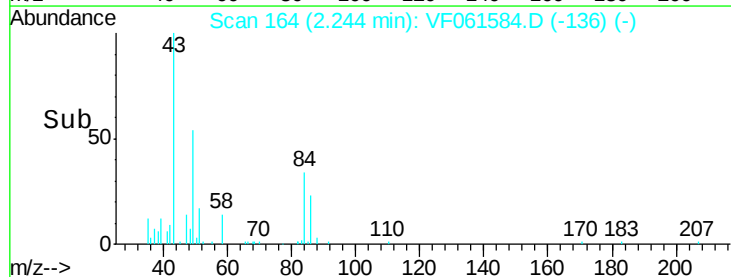
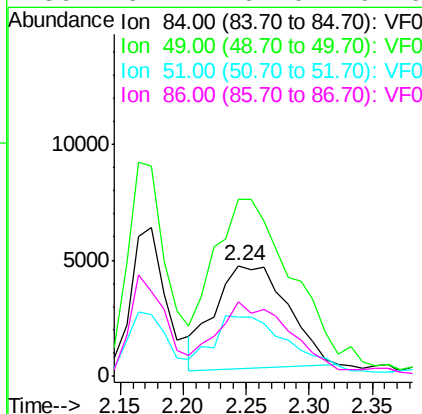
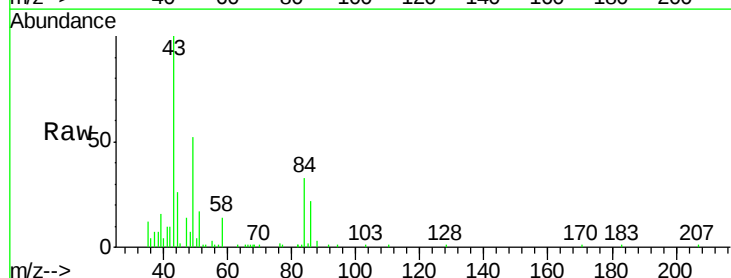
Tot Ion: 73 Resp: 68798  
 Ion Ratio Lower Upper  
 73 100  
 57 17.3 14.8 22.2

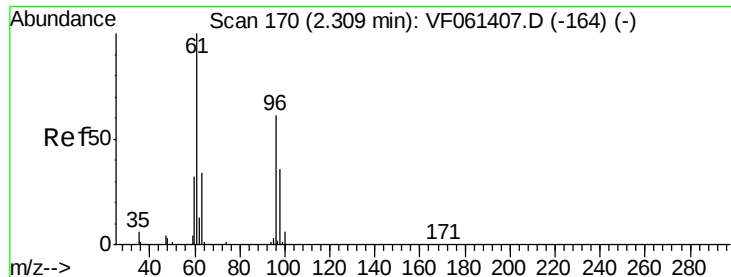


#20

Methylene Chloride  
 Concen: 10.810 ug/l  
 RT: 2.24 min Scan# 164  
 Delta R.T. 0.07 min  
 Lab File: VF061584.D  
 Acq: 11 Feb 2019 14:20

Tgt Ion: 84 Resp: 17622  
 Ion Ratio Lower Upper  
 84 100  
 49 159.8 120.0 180.0  
 51 53.0 38.6 58.0  
 86 67.7 61.0 91.6





#21

trans-1,2-Dichloroethene

Concen: 20.326 ug/l

RT: 2.30 min Scan# 170

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Instrument :  
MSVOA\_F  
ClientSampleId :

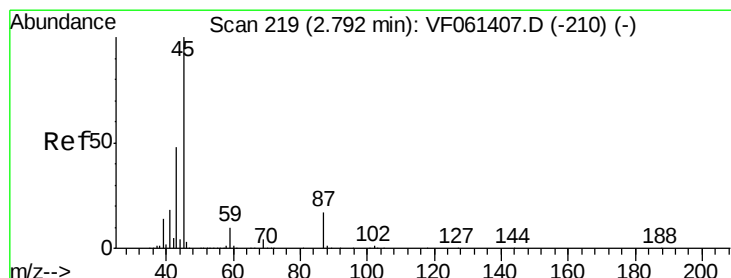
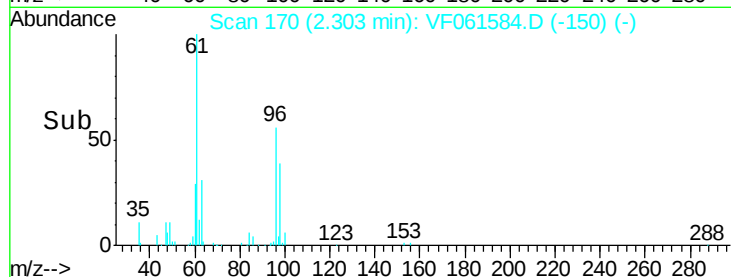
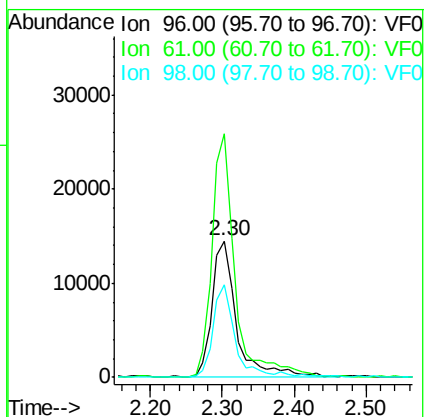
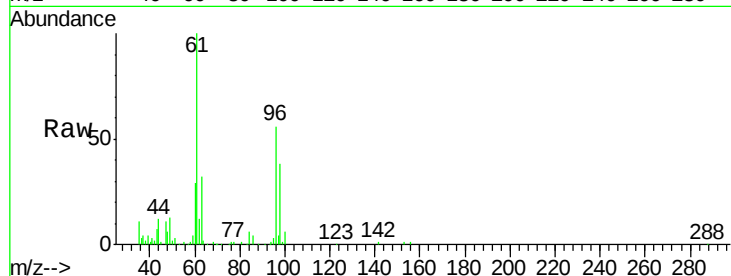
Tot Ion: 96 Resp: 34206

Ion Ratio Lower Upper

96 100

61 178.5 131.8 197.8

98 68.2 47.4 71.0



#22

Diisopropyl ether

Concen: 20.769 ug/l

RT: 2.79 min Scan# 219

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Tgt Ion: 45 Resp: 113052

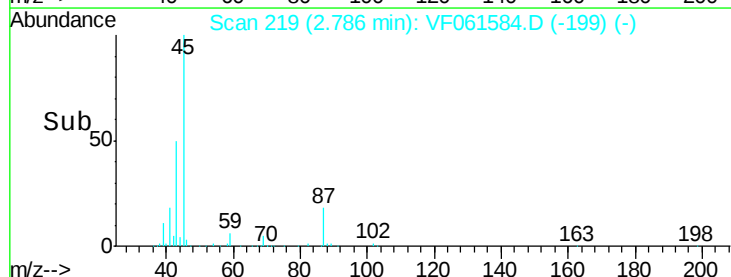
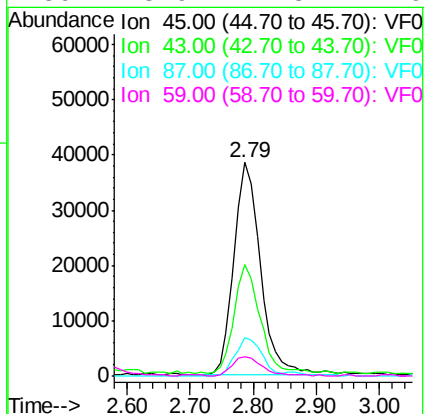
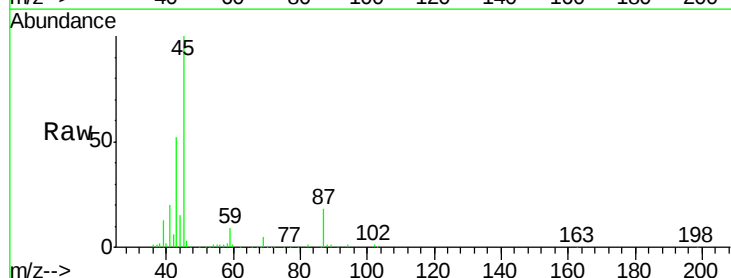
Ion Ratio Lower Upper

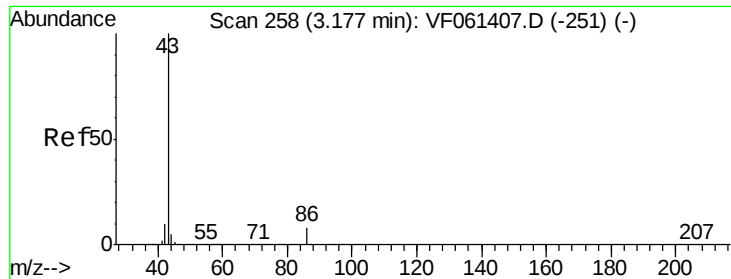
45 100

43 52.2 39.0 58.6

87 18.1 13.9 20.9

59 8.9 7.8 11.6





#23

Vinyl Acetate

Concen: 109.875 ug/l

RT: 3.17 min Scan# 258

Delta R.T. -0.00 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

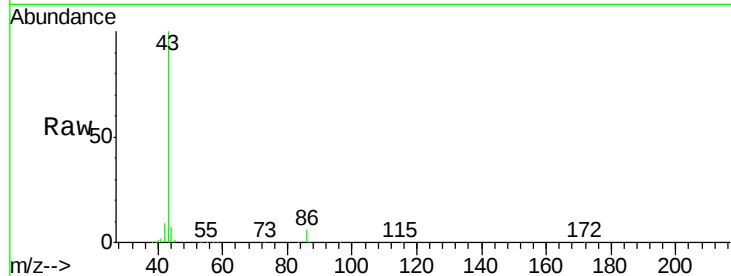
Instrument :  
MSVOA\_F  
ClientSampled :

Tot Ion: 43 Resp: 258722

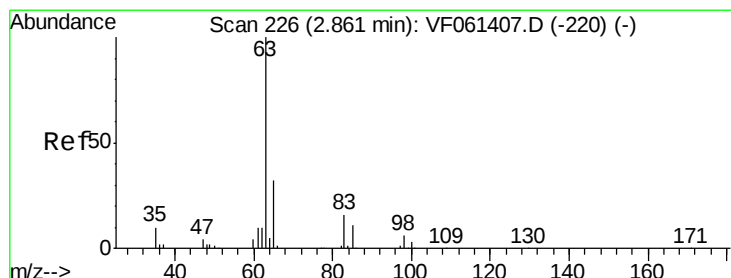
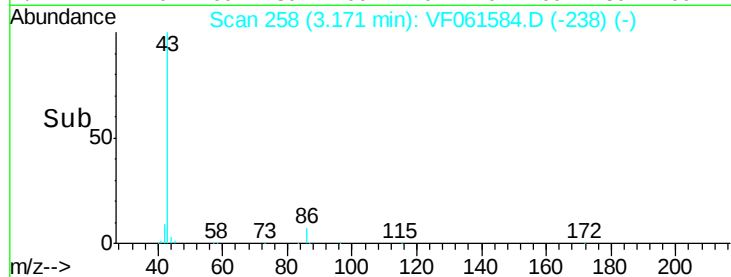
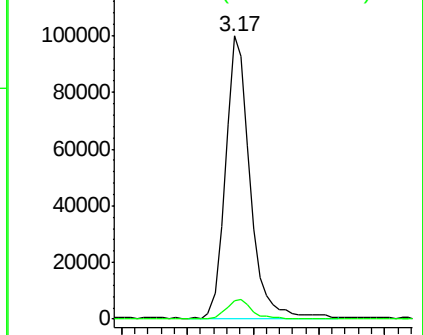
Ion Ratio Lower Upper

43 100

86 6.5 6.2 9.4



Abundance Ion 43.00 (42.70 to 43.70): VF0  
Ion 86.00 (85.70 to 86.70): VF0



#24

1,1-Dichloroethane

Concen: 19.819 ug/l

RT: 2.86 min Scan# 226

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

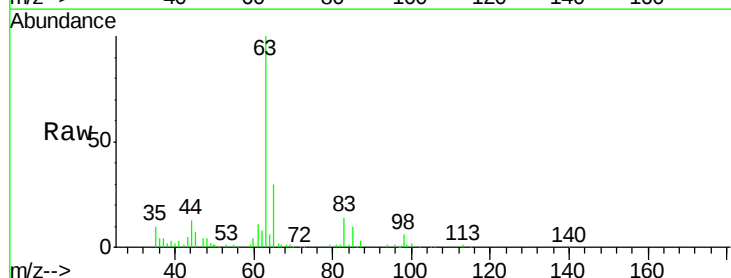
Tgt Ion: 63 Resp: 67708

Ion Ratio Lower Upper

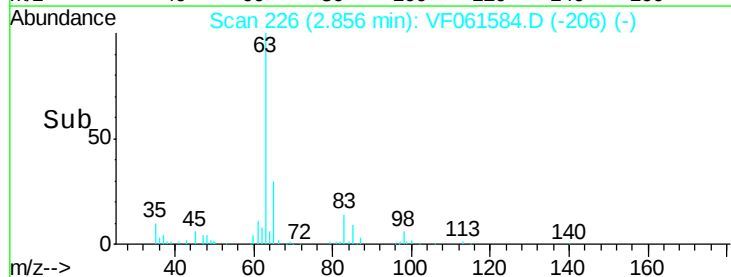
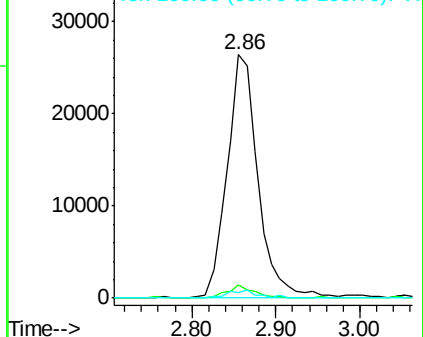
63 100

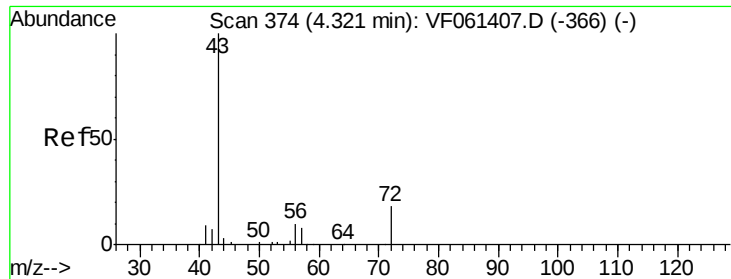
98 5.5 2.9 8.8

100 2.4 1.6 4.8



Abundance Ion 63.00 (62.70 to 63.70): VF0  
Ion 98.00 (97.70 to 98.70): VF0  
Ion 100.00 (99.70 to 100.70): VF0





#25

2-Butanone

Concen: 108.543 ug/l

RT: 4.32 min Scan# 374

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Instrument :

MSVOA\_F

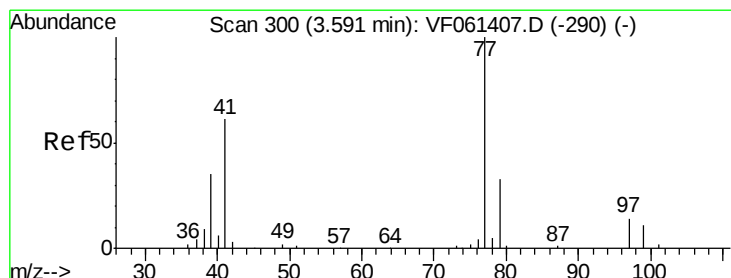
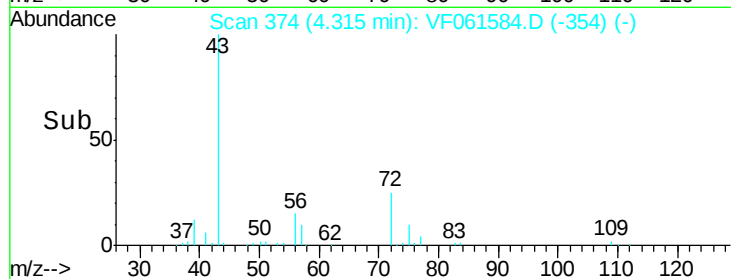
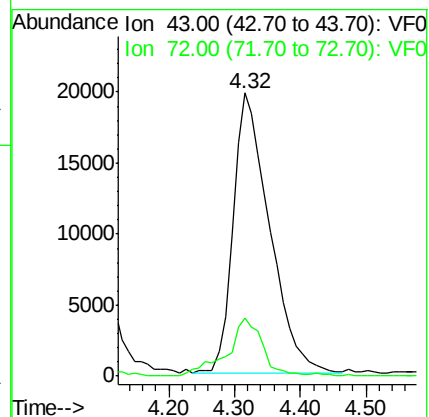
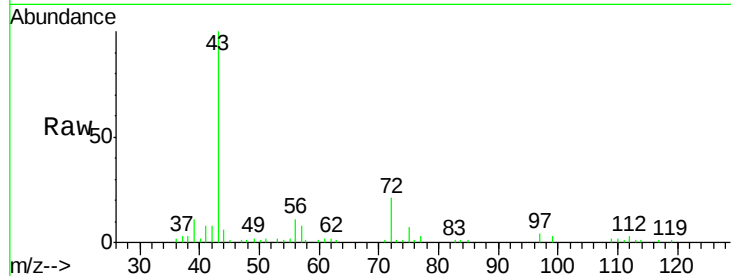
ClientSampleId :

Tot Ion: 43 Resp: 76887

Ion Ratio Lower Upper

43 100

72 20.6 15.8 23.6



#26

2,2-Dichloropropane

Concen: 19.974 ug/l

RT: 3.58 min Scan# 299

Delta R.T. -0.01 min

Lab File: VF061584.D

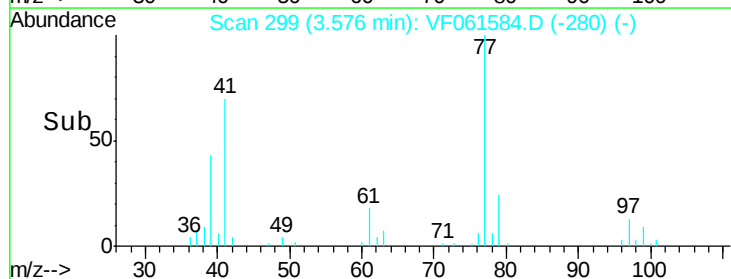
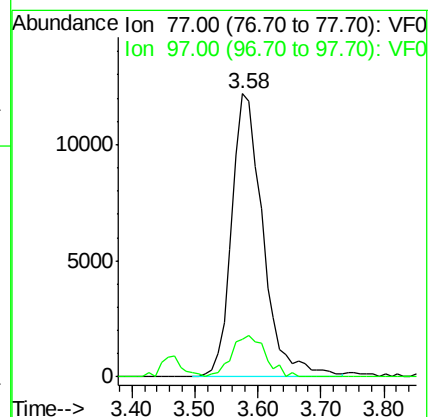
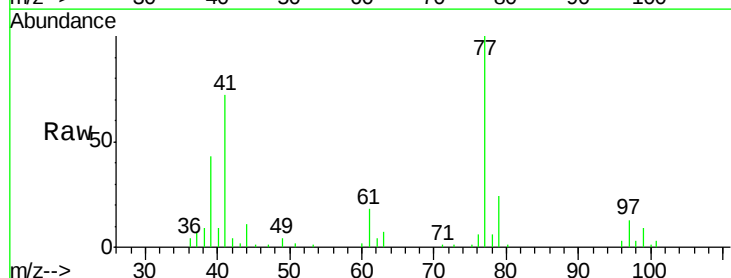
Acq: 11 Feb 2019 14:20

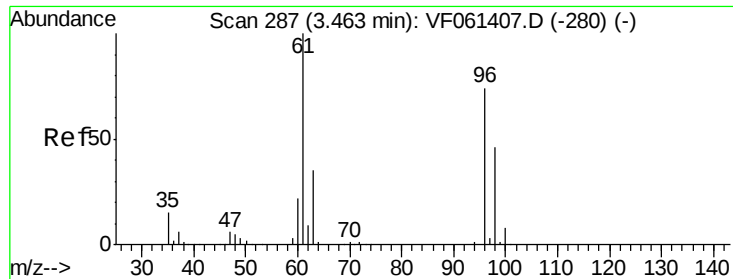
Tgt Ion: 77 Resp: 41924

Ion Ratio Lower Upper

77 100

97 13.4 8.5 25.5



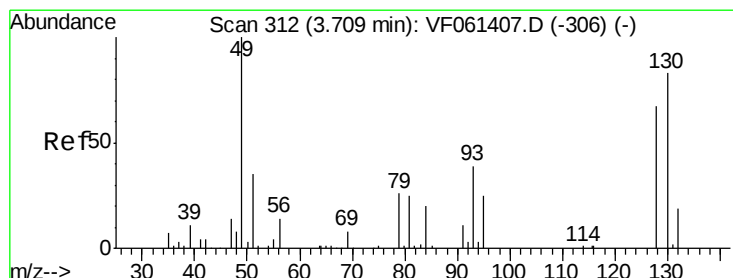
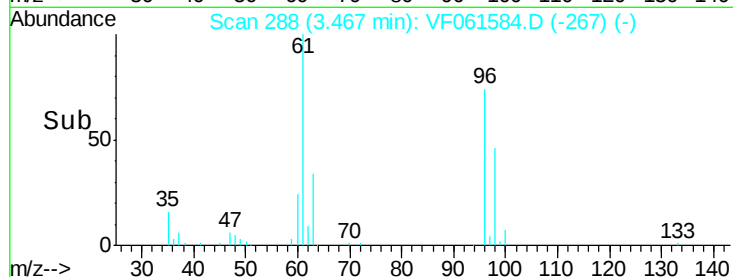
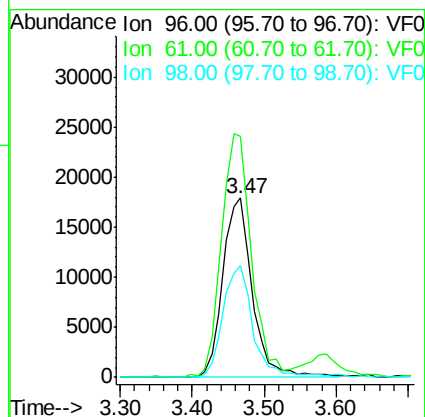
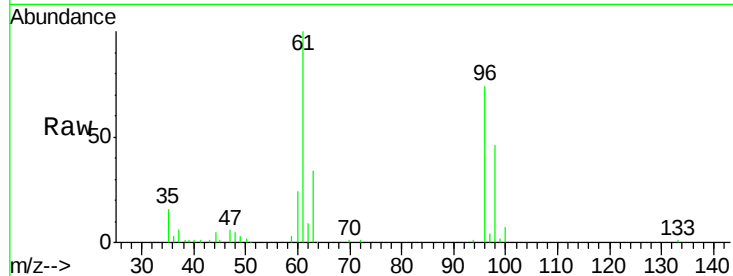


#27

cis-1,2-Dichloroethene  
 Concen: 20.424 ug/l  
 RT: 3.47 min Scan# 288  
 Delta R.T. 0.00 min  
 Lab File: VF061584.D  
 Acq: 11 Feb 2019 14:20

Instrument :  
 MSVOA\_F  
 ClientSampleId :

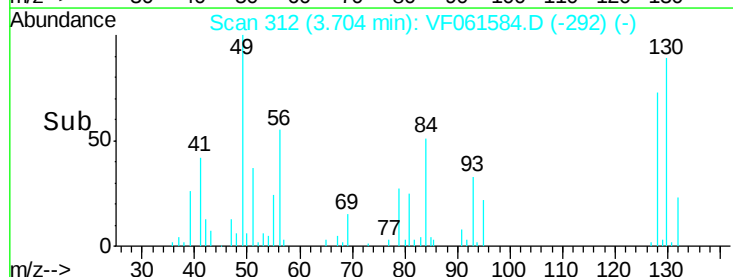
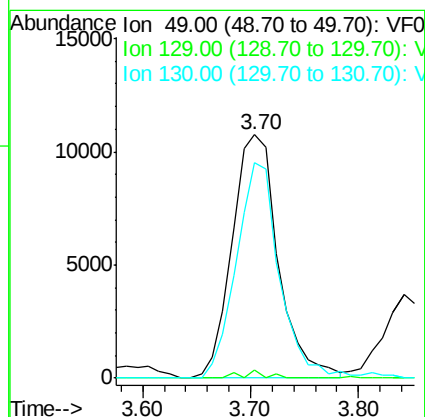
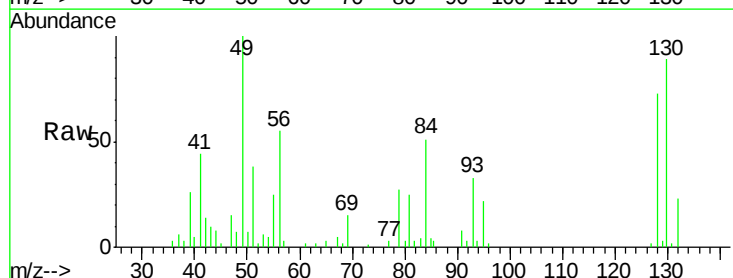
Tot Ion: 96 Resp: 50738  
 Ion Ratio Lower Upper  
 96 100  
 61 134.7 0.0 270.2  
 98 62.0 0.0 124.0

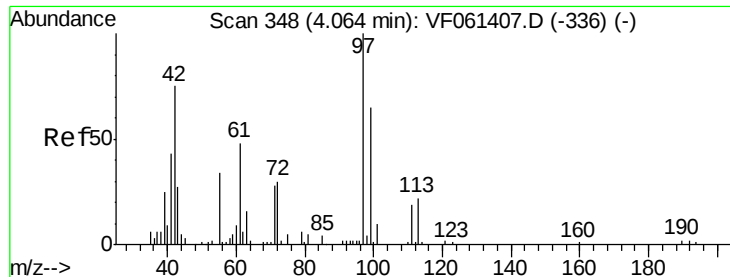


#28

Bromochloromethane  
 Concen: 20.789 ug/l  
 RT: 3.70 min Scan# 312  
 Delta R.T. -0.01 min  
 Lab File: VF061584.D  
 Acq: 11 Feb 2019 14:20

Tgt Ion: 49 Resp: 31925  
 Ion Ratio Lower Upper  
 49 100  
 129 3.2 0.0 0.0#  
 130 88.7 65.4 98.2





#29

Tetrahydrofuran

Concen: 100.222 ug/l

RT: 4.05 min Scan# 347

Delta R.T. -0.02 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Instrument :

MSVOA\_F

ClientSampleId :

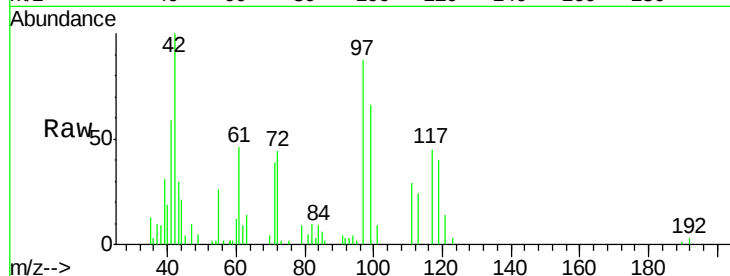
Tot Ion: 42 Resp: 30569

Ion Ratio Lower Upper

42 100

72 40.6 28.9 43.3

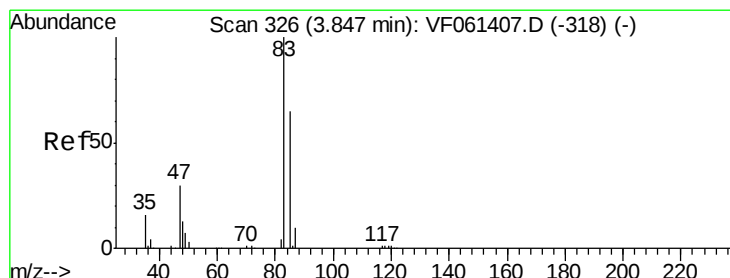
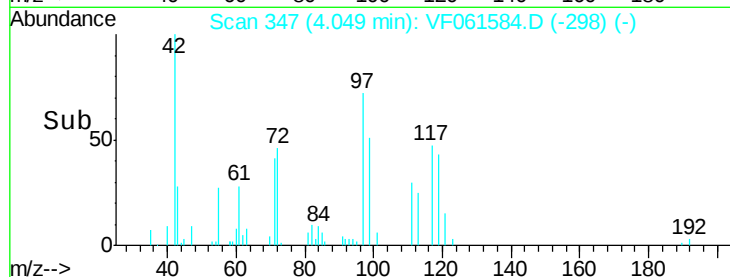
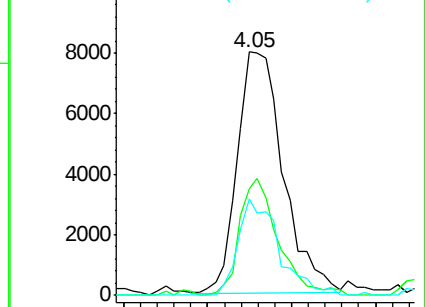
71 35.3 29.6 44.4



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



#30

Chloroform

Concen: 21.722 ug/l

RT: 3.84 min Scan# 326

Delta R.T. -0.01 min

Lab File: VF061584.D

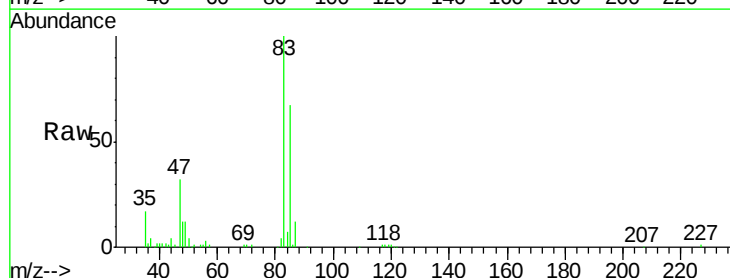
Acq: 11 Feb 2019 14:20

Tgt Ion: 83 Resp: 100150

Ion Ratio Lower Upper

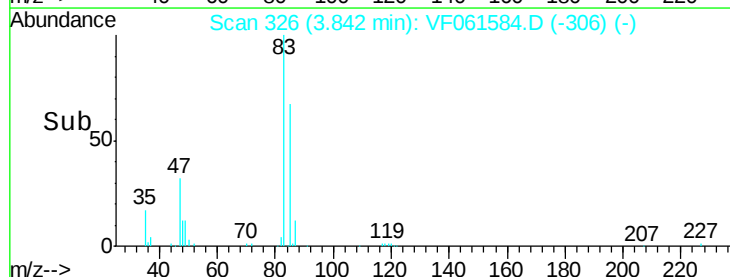
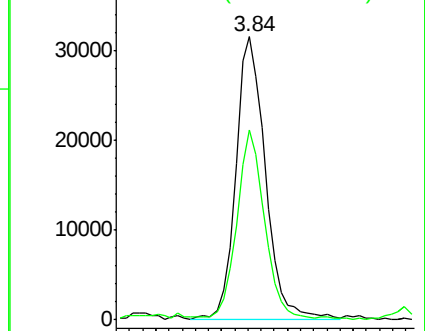
83 100

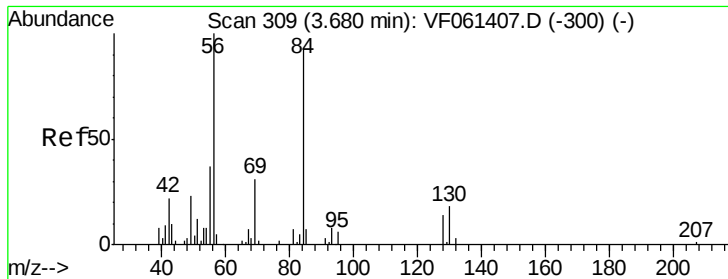
85 66.9 52.7 79.1



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

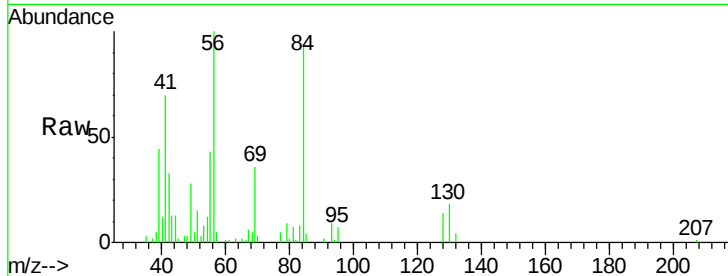




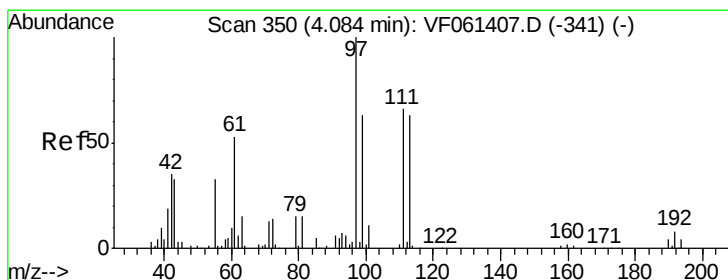
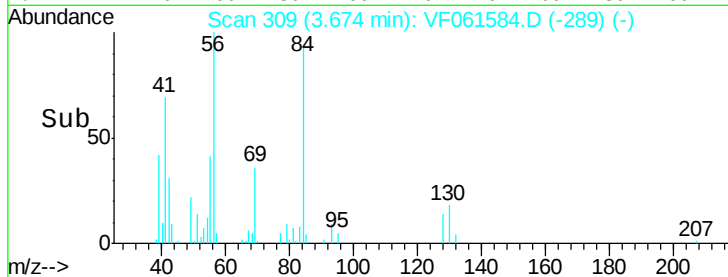
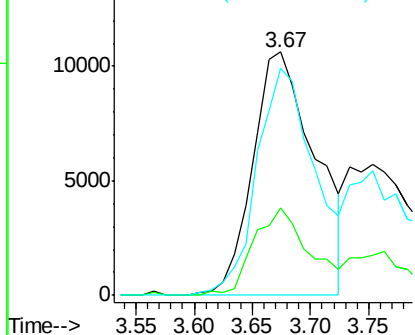
#31  
Cyclohexane  
Concen: 11.613 ug/l  
RT: 3.67 min Scan# 309  
Delta R.T. -0.01 min  
Lab File: VF061584.D  
Acq: 11 Feb 2019 14:20

Instrument :  
MSVOA\_F  
ClientSampleId :

Tot Ion: 56 Resp: 39631  
Ion Ratio Lower Upper  
56 100  
69 35.7 24.6 36.8  
84 93.5 74.2 111.2

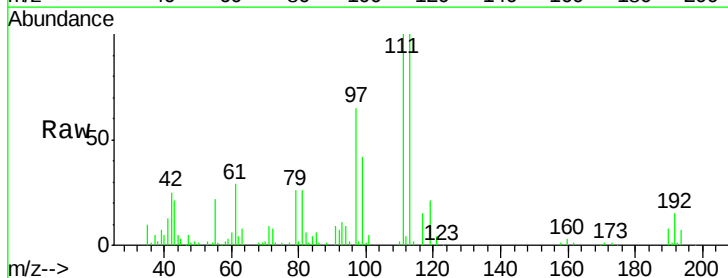


Abundance Ion 56.00 (55.70 to 56.70): VF0  
Ion 69.00 (68.70 to 69.70): VF0  
Ion 84.00 (83.70 to 84.70): VF0

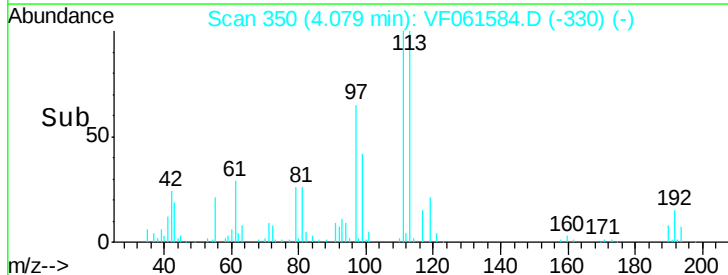
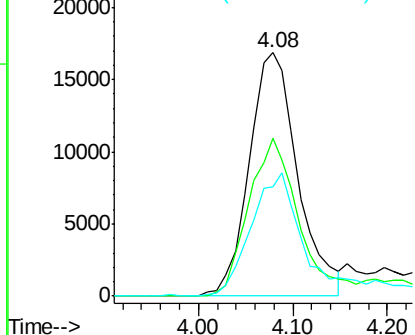


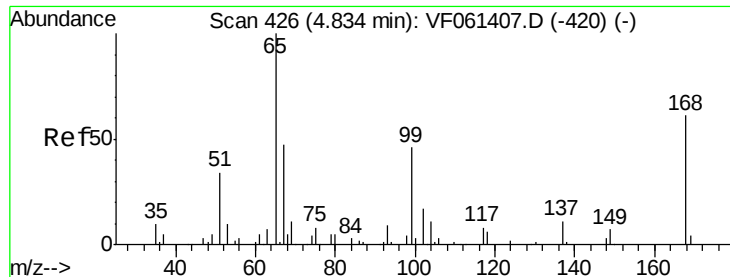
#32  
1,1,1-Trichloroethane  
Concen: 17.839 ug/l  
RT: 4.08 min Scan# 350  
Delta R.T. -0.01 min  
Lab File: VF061584.D  
Acq: 11 Feb 2019 14:20

Tgt Ion: 97 Resp: 60307  
Ion Ratio Lower Upper  
97 100  
99 65.0 50.1 75.1  
61 44.9 43.1 64.7



Abundance Ion 97.00 (96.70 to 97.70): VF0  
Ion 99.00 (98.70 to 99.70): VF0  
Ion 61.00 (60.70 to 61.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 49.802 ug/l

RT: 4.83 min Scan# 426

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Instrument :

MSVOA\_F

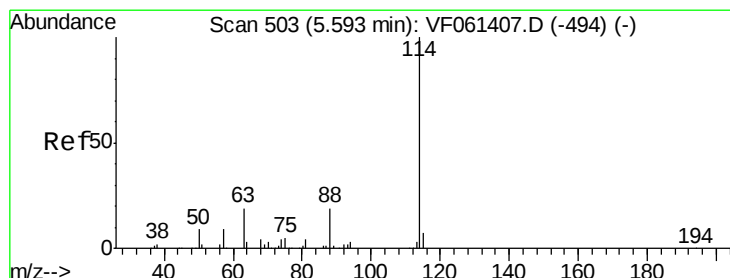
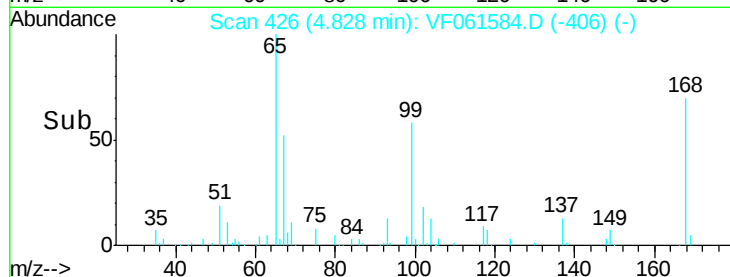
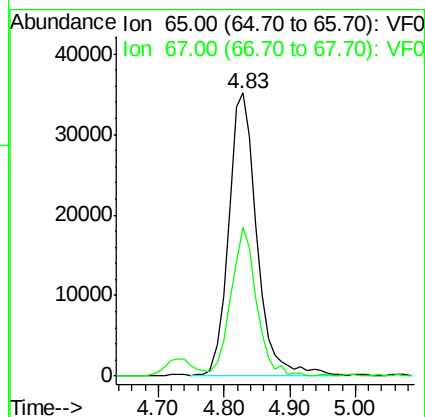
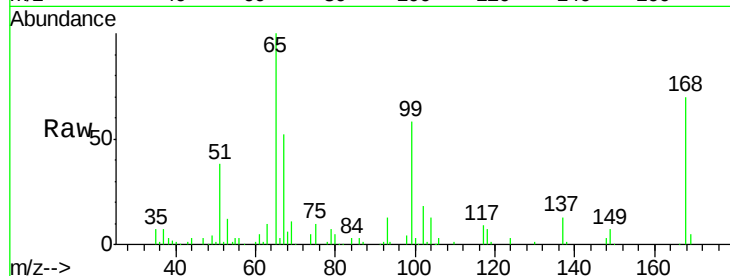
ClientSampleId :

Tot Ion: 65 Resp: 105745

Ion Ratio Lower Upper

65 100

67 52.4 0.0 99.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.58 min Scan# 502

Delta R.T. -0.02 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

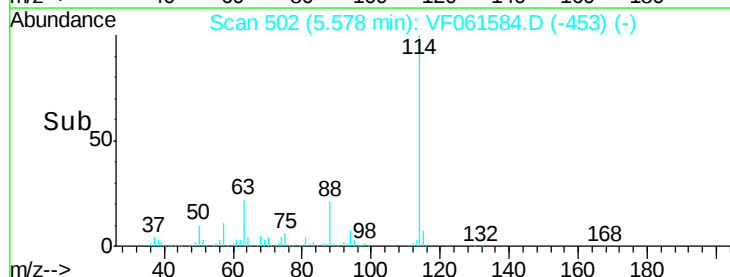
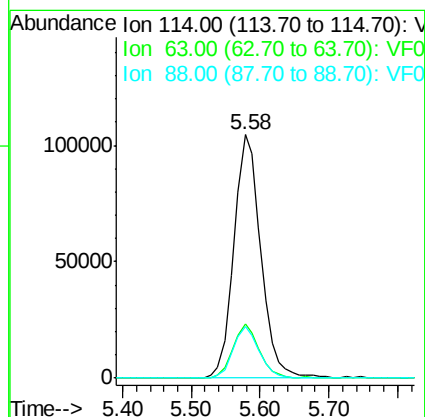
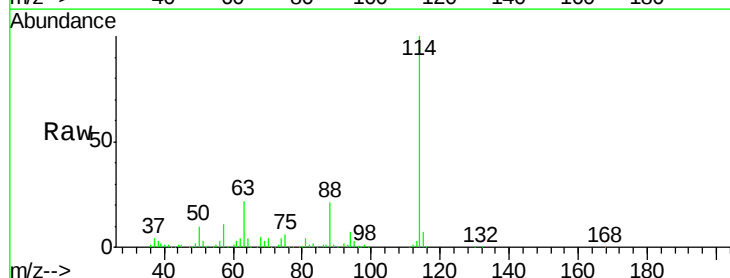
Tgt Ion: 114 Resp: 283818

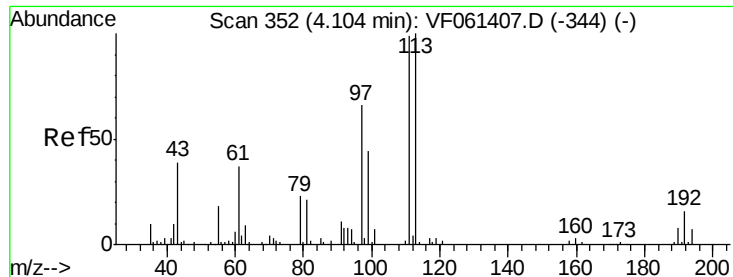
Ion Ratio Lower Upper

114 100

63 22.2 0.0 39.0

88 21.0 0.0 37.4





#35

Dibromofluoromethane

Concen: 53.242 ug/l

RT: 4.10 min Scan# 352

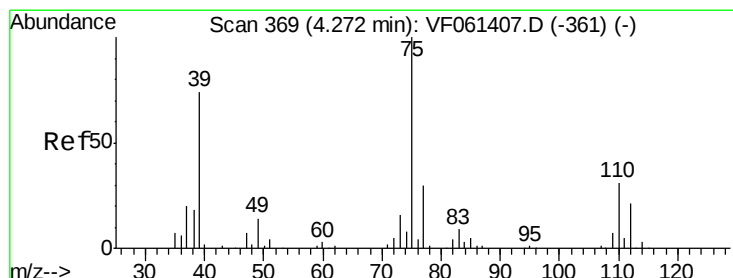
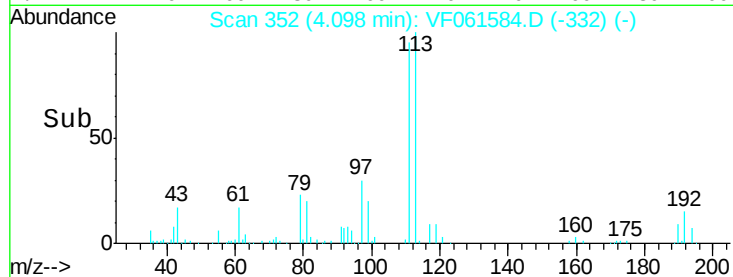
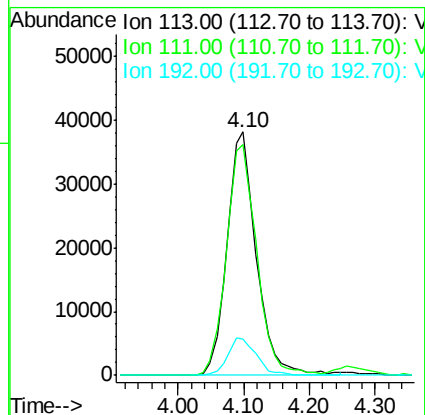
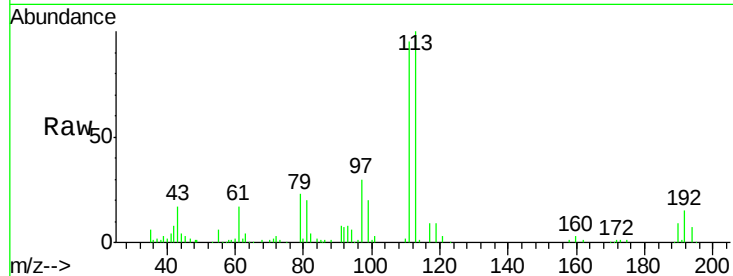
Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Instrument :  
MSVOA\_F  
ClientSampled :

Tot Ion:113 Resp: 119238  
Ion Ratio Lower Upper  
113 100  
111 94.9 79.4 119.0  
192 14.7 12.4 18.6



#36

1,1-Dichloropropene

Concen: 20.638 ug/l

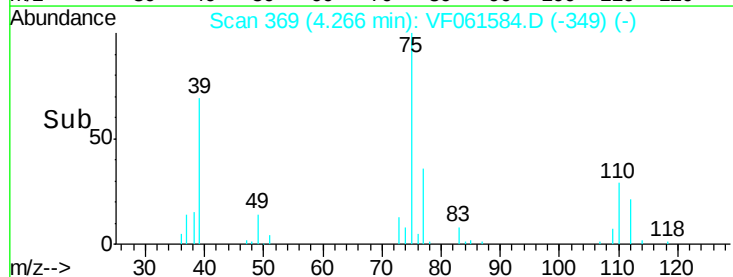
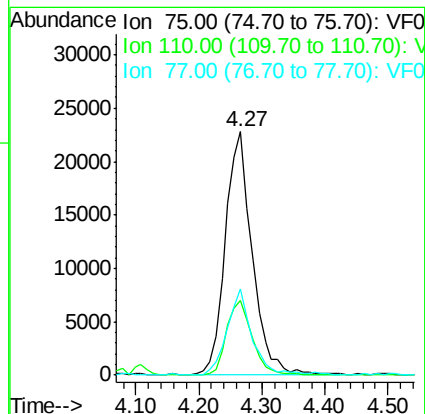
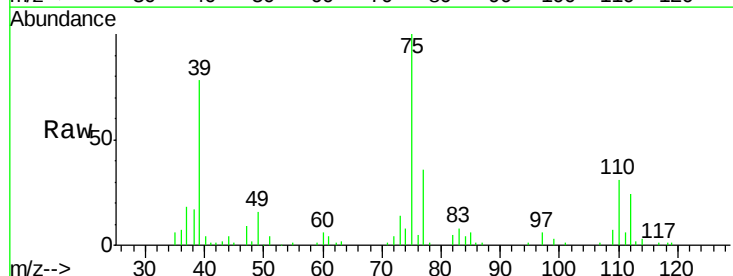
RT: 4.27 min Scan# 369

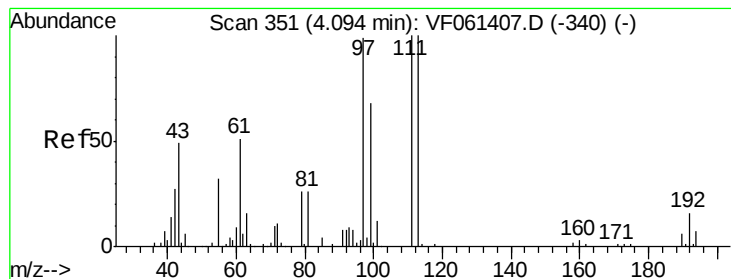
Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Tgt Ion: 75 Resp: 67913  
Ion Ratio Lower Upper  
75 100  
110 30.6 15.8 47.3  
77 35.6 24.0 36.0





#37

Ethyl Acetate

Concen: 22.452 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Instrument :  
MSVOA\_F  
ClientSampled :

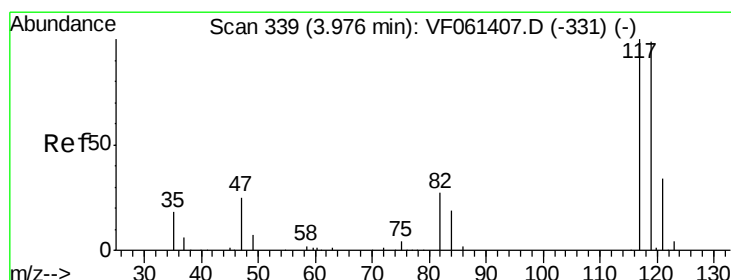
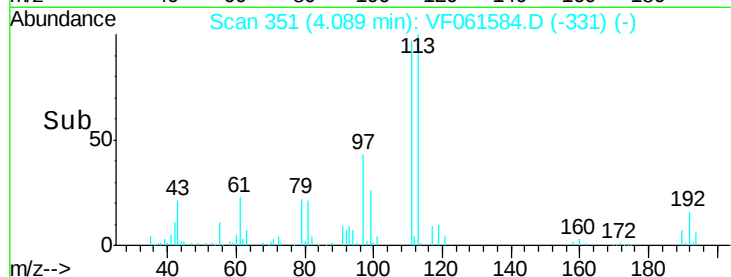
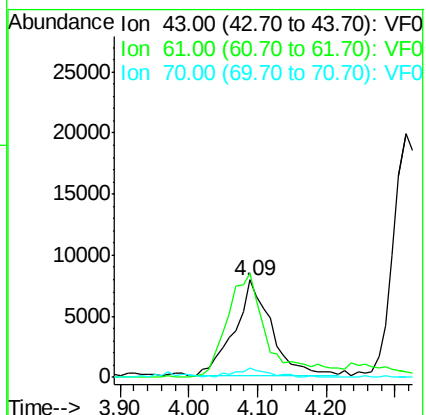
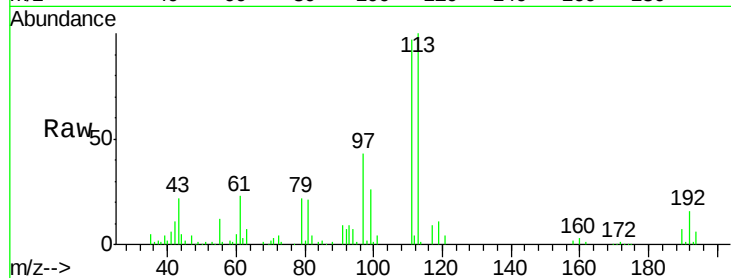
Tot Ion: 43 Resp: 29533

Ion Ratio Lower Upper

43 100

61 106.9 81.7 122.5

70 9.1 6.2 9.2



#38

Carbon Tetrachloride

Concen: 19.430 ug/l

RT: 3.97 min Scan# 339

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

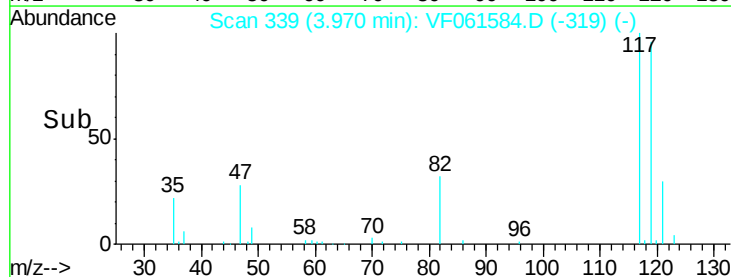
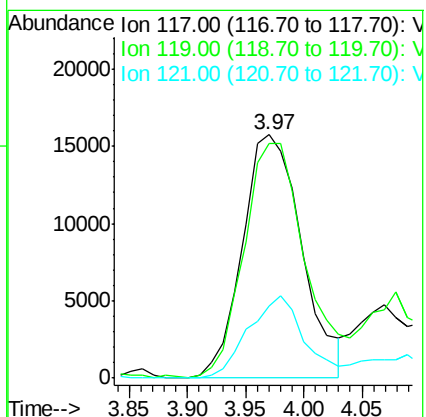
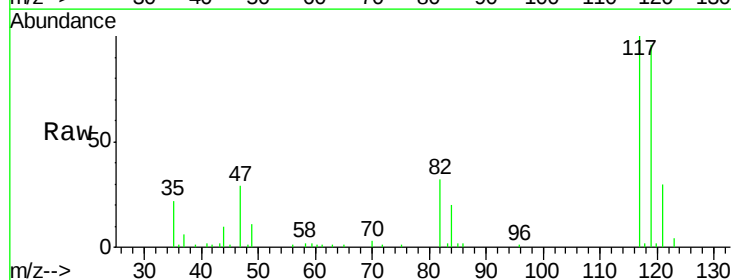
Tgt Ion: 117 Resp: 55898

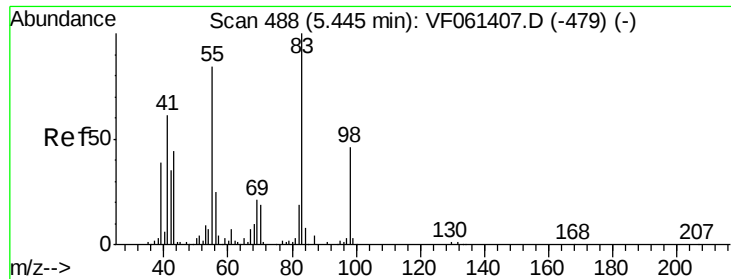
Ion Ratio Lower Upper

117 100

119 96.2 79.0 118.6

121 29.5 27.0 40.6

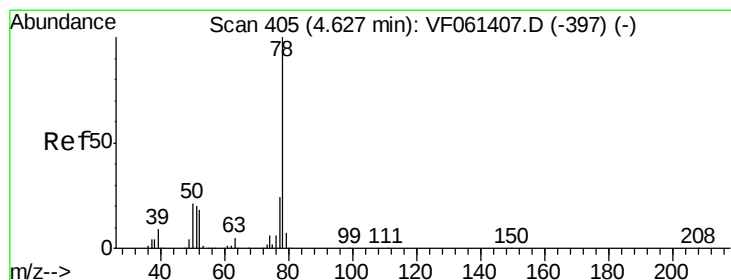
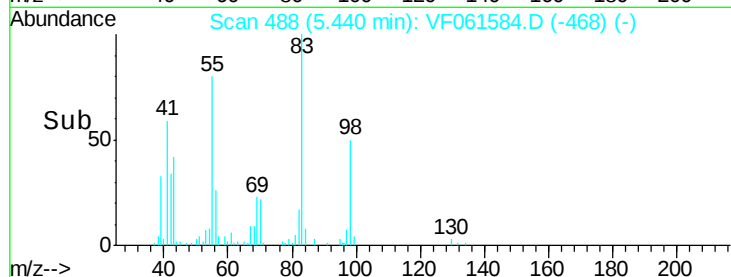
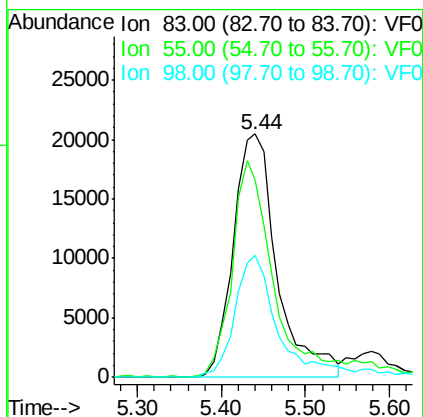
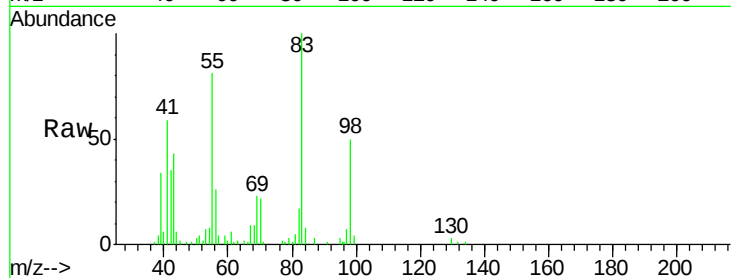




#39  
Methvlcvclohexane  
Concen: 20.872 ug/l  
RT: 5.44 min Scan# 488  
Delta R.T. -0.01 min  
Lab File: VF061584.D  
Acq: 11 Feb 2019 14:20

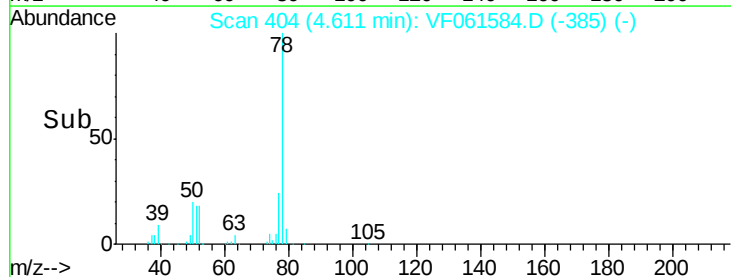
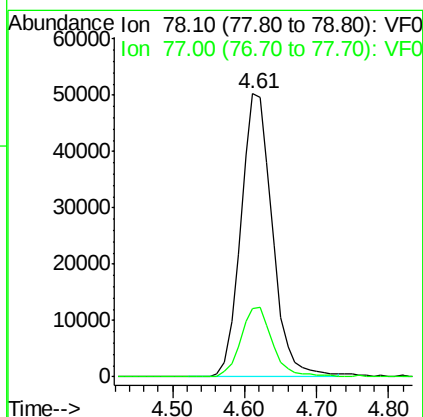
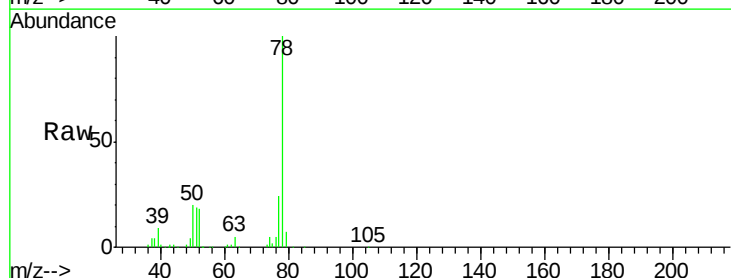
Instrument :  
MSVOA\_F  
ClientSampleId :

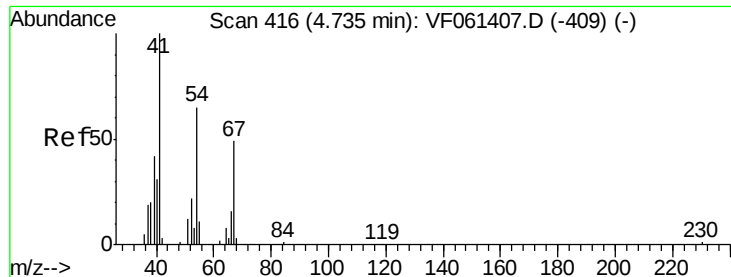
Tot Ion: 83 Resp: 74434  
Ion Ratio Lower Upper  
83 100  
55 81.1 67.4 101.2  
98 50.3 36.7 55.1



#40  
Benzene  
Concen: 20.954 ug/l  
RT: 4.61 min Scan# 404  
Delta R.T. -0.02 min  
Lab File: VF061584.D  
Acq: 11 Feb 2019 14:20

Tgt Ion: 78 Resp: 153433  
Ion Ratio Lower Upper  
78 100  
77 24.3 19.0 28.6

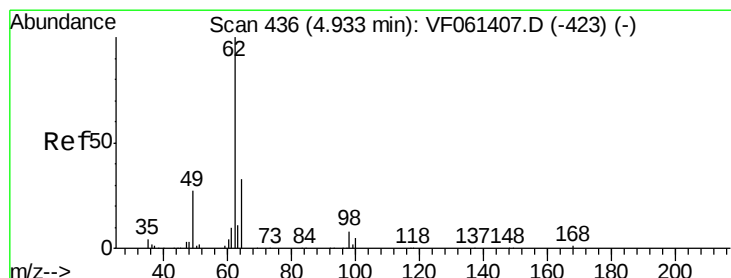
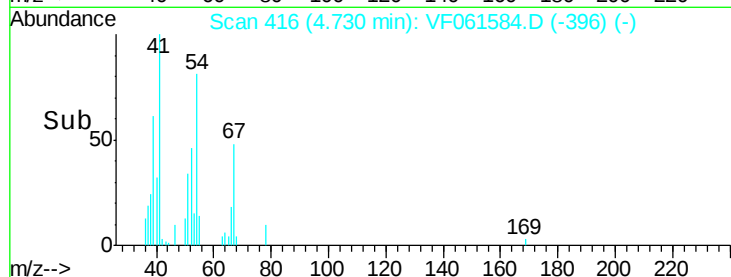
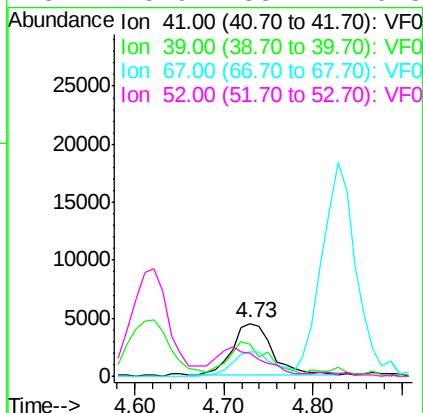
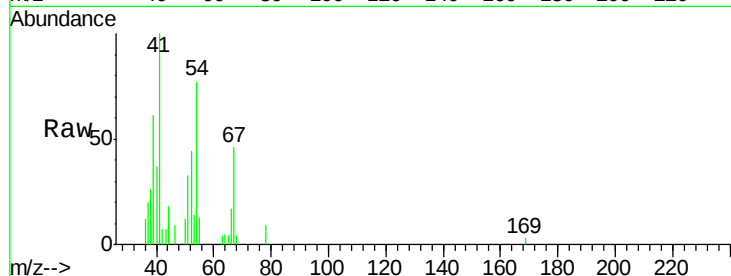




#41  
Methacrylonitrile  
Concen: 19.916 ug/l  
RT: 4.73 min Scan# 416  
Delta R.T. -0.01 min  
Lab File: VF061584.D  
Acq: 11 Feb 2019 14:20

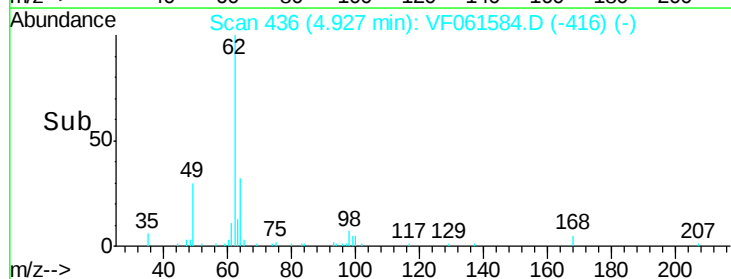
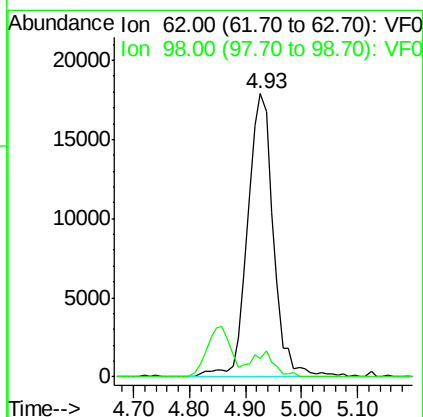
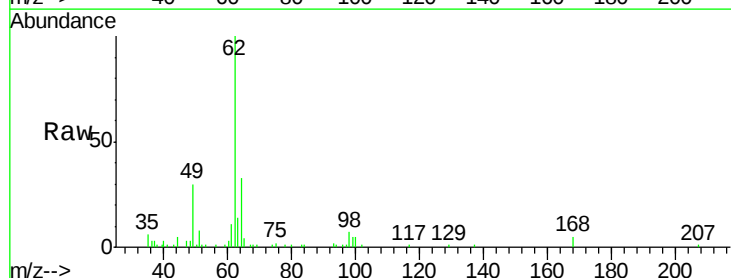
Instrument :  
MSVOA\_F  
ClientSampleId :

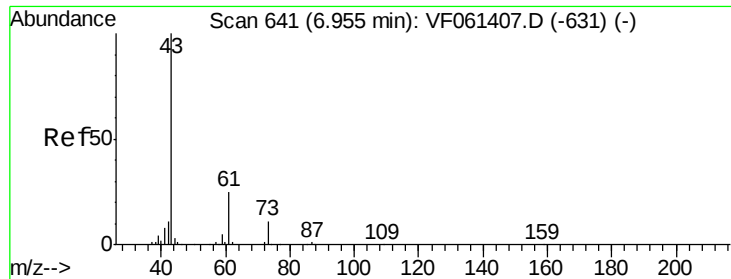
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 13940 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 61.1  | 43.1  | 64.7  |
| 67       | 46.1  | 38.8  | 58.2  |
| 52       | 43.9  | 33.2  | 49.8  |



#42  
1,2-Dichloroethane  
Concen: 21.952 ug/l  
RT: 4.93 min Scan# 436  
Delta R.T. -0.01 min  
Lab File: VF061584.D  
Acq: 11 Feb 2019 14:20

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 57279 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 6.7   | 0.0   | 17.0  |



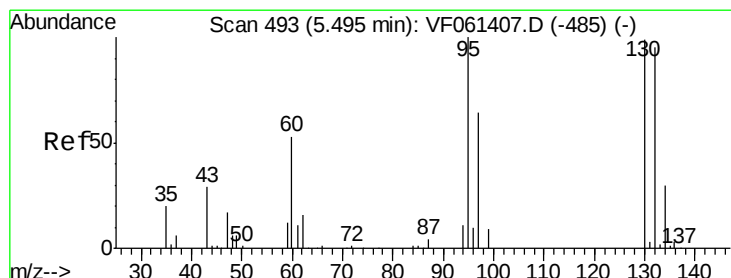
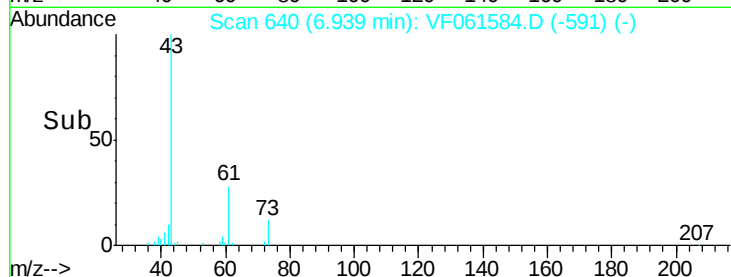
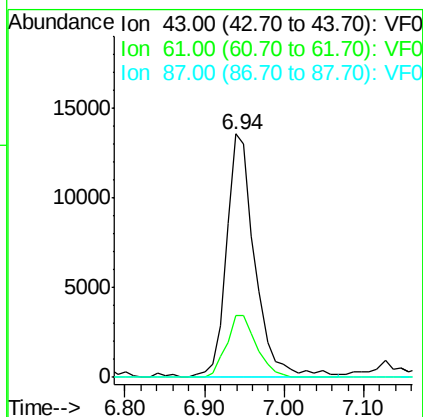
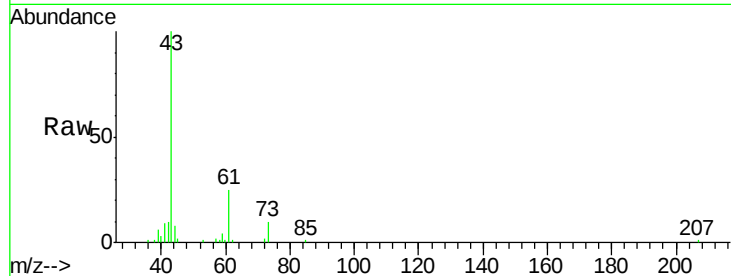


#43

Isopropyl Acetate  
 Concen: 20.631 ug/l  
 RT: 6.94 min Scan# 640  
 Delta R.T. -0.02 min  
 Lab File: VF061584.D  
 Acq: 11 Feb 2019 14:20

Instrument :  
 MSVOA\_F  
 ClientSampleId :

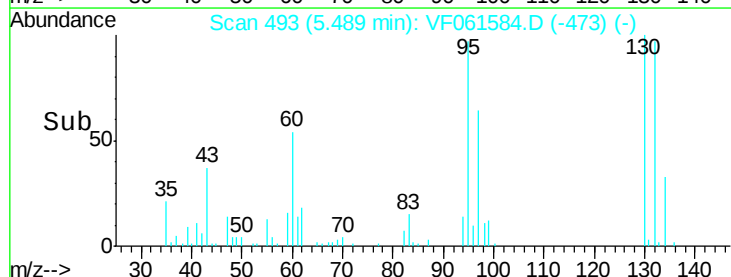
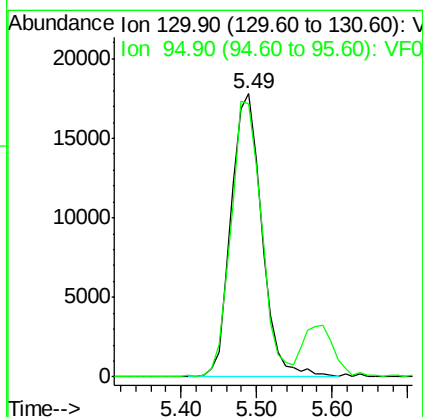
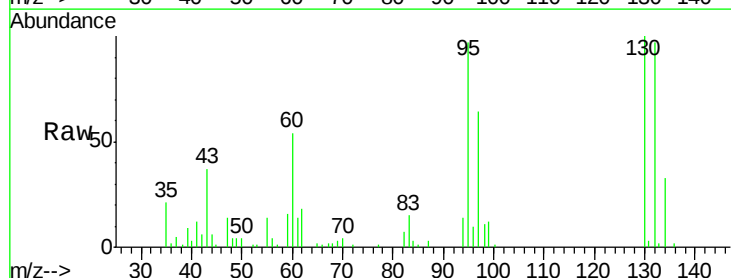
Tot Ion: 43 Resp: 34061  
 Ion Ratio Lower Upper  
 43 100  
 61 25.4 20.3 30.5  
 87 0.0 0.5 0.7#

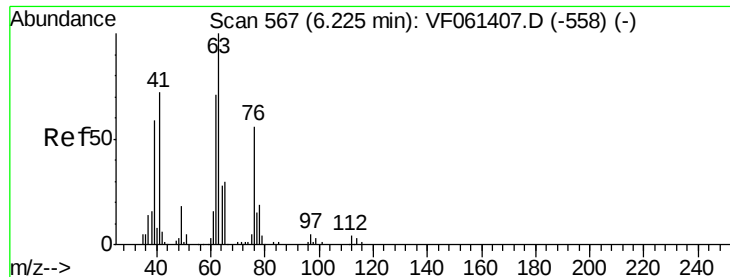


#44

Trichloroethene  
 Concen: 22.297 ug/l  
 RT: 5.49 min Scan# 493  
 Delta R.T. -0.01 min  
 Lab File: VF061584.D  
 Acq: 11 Feb 2019 14:20

Tgt Ion: 130 Resp: 50086  
 Ion Ratio Lower Upper  
 130 100  
 95 96.5 0.0 202.8





#45

1,2-Dichloropropane

Concen: 21.097 ug/l

RT: 6.22 min Scan# 567

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Instrument :

MSVOA\_F

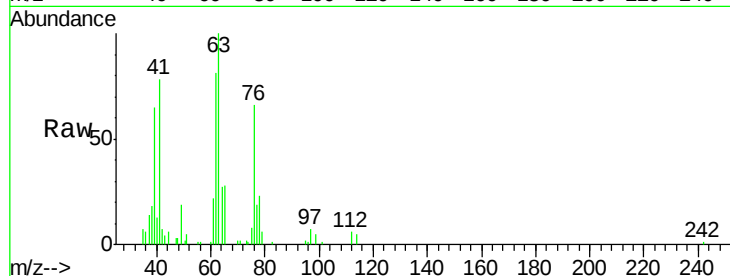
ClientSampleId :

Tot Ion: 63 Resp: 40545

Ion Ratio Lower Upper

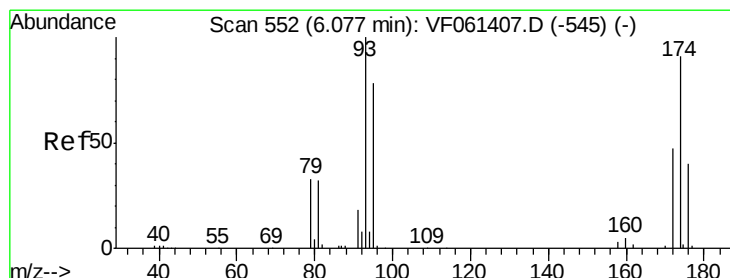
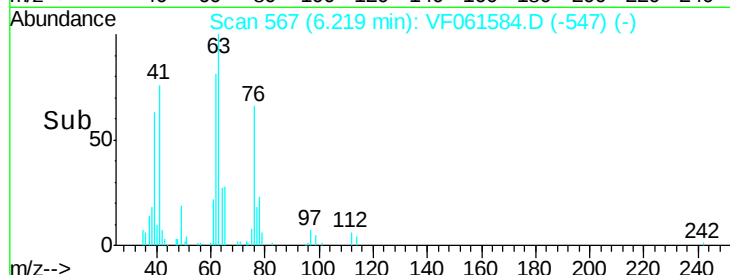
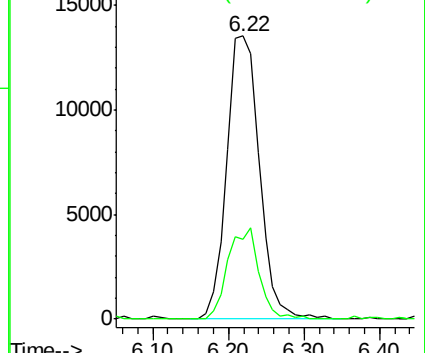
63 100

65 28.0 24.4 36.6



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0



#46

Dibromomethane

Concen: 20.548 ug/l

RT: 6.06 min Scan# 551

Delta R.T. -0.02 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

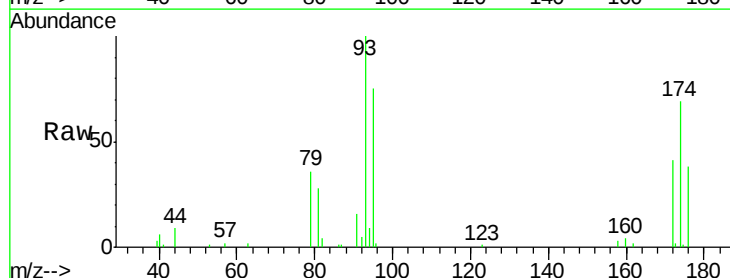
Tgt Ion: 93 Resp: 26258

Ion Ratio Lower Upper

93 100

95 75.2 62.1 93.1

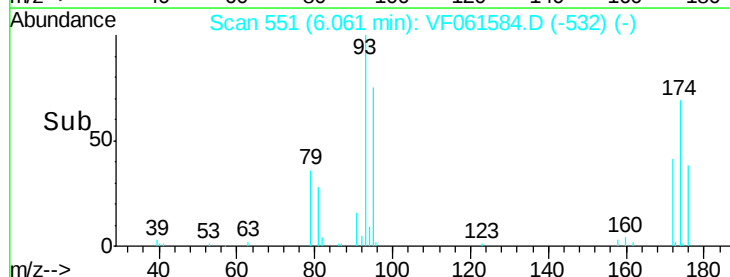
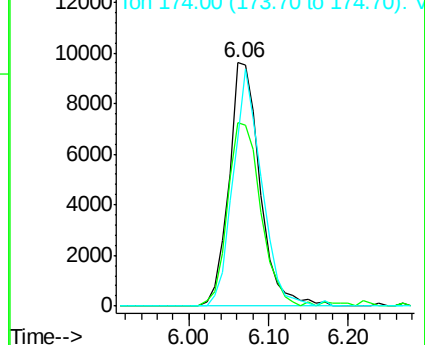
174 70.6 74.6 111.8#

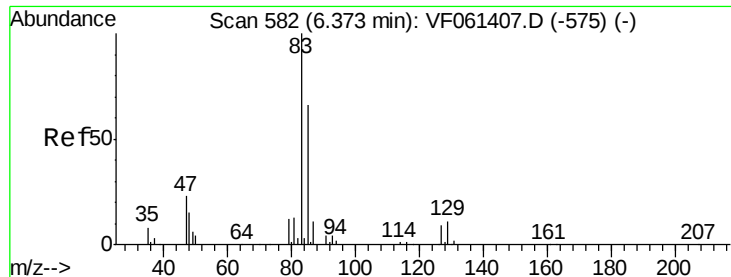


Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V





#47

Bromodichloromethane

Concen: 21.484 ug/l

RT: 6.37 min Scan# 582

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Instrument :  
MSVOA\_F  
ClientSampleId :

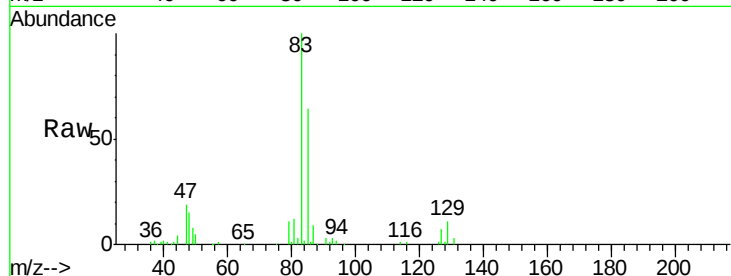
Tot Ion: 83 Resp: 67926

Ion Ratio Lower Upper

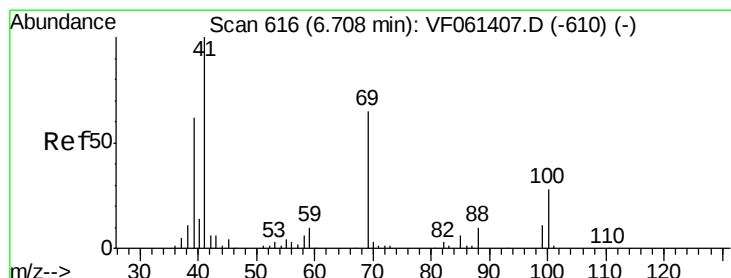
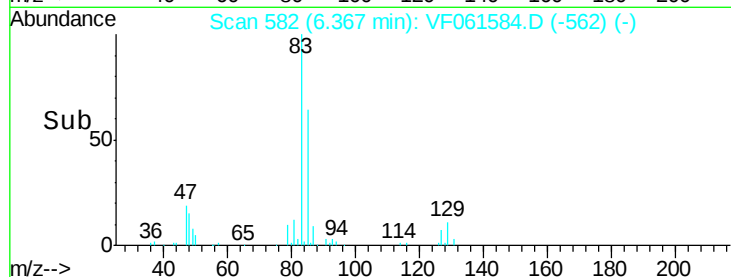
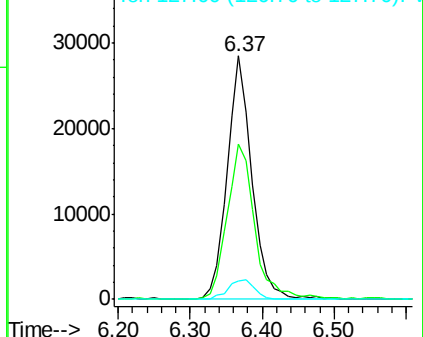
83 100

85 63.5 53.0 79.4

127 7.4 6.9 10.3



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: 19.619 ug/l

RT: 6.70 min Scan# 616

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

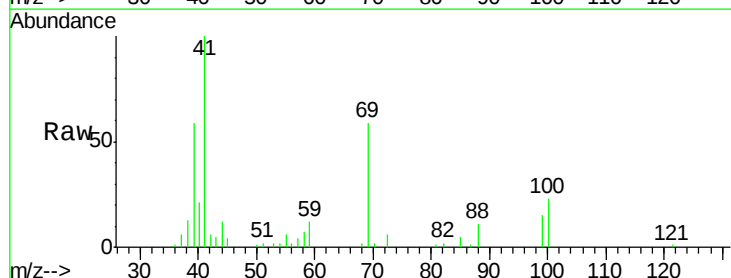
Tgt Ion: 41 Resp: 21750

Ion Ratio Lower Upper

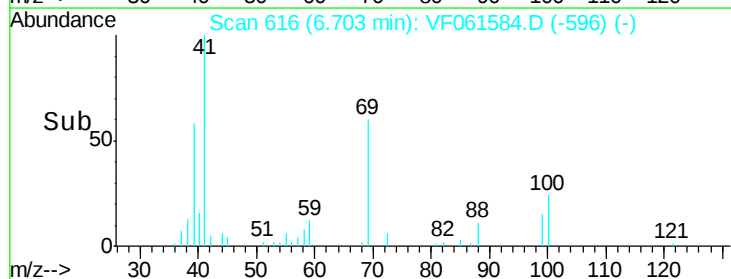
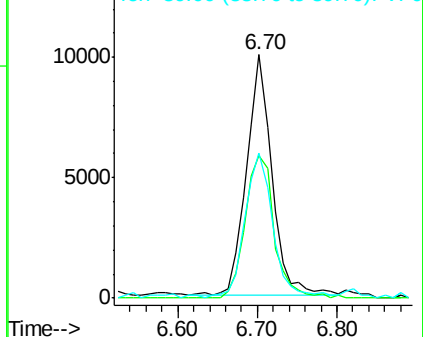
41 100

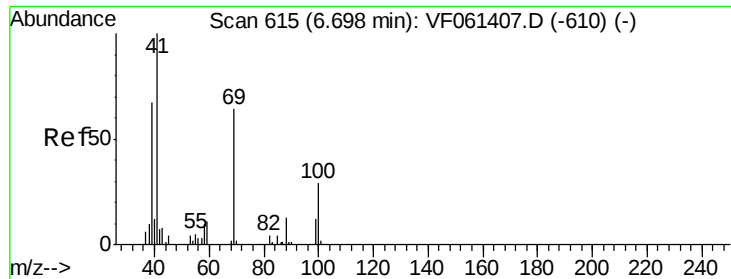
69 58.5 51.7 77.5

39 59.3 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

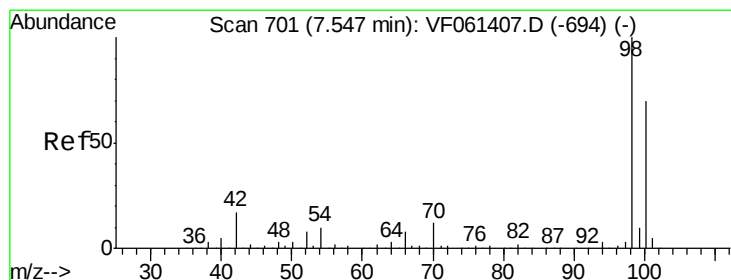
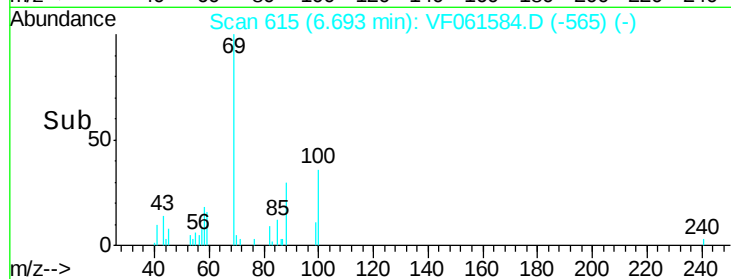
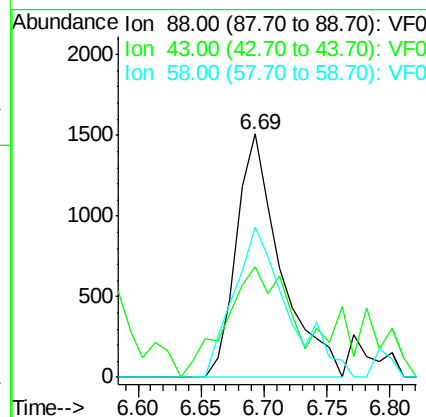
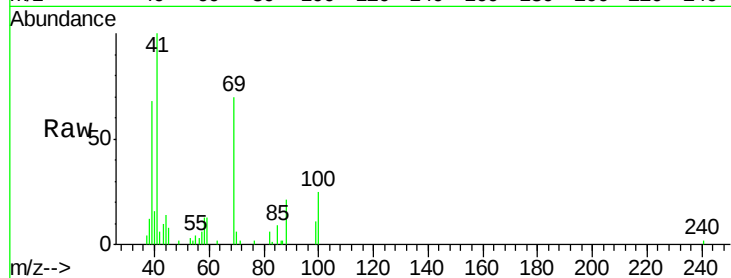




#49  
1,4-Dioxane  
Concen: 433.509 ug/l  
RT: 6.69 min Scan# 615  
Delta R.T. -0.01 min  
Lab File: VF061584.D  
Acq: 11 Feb 2019 14:20

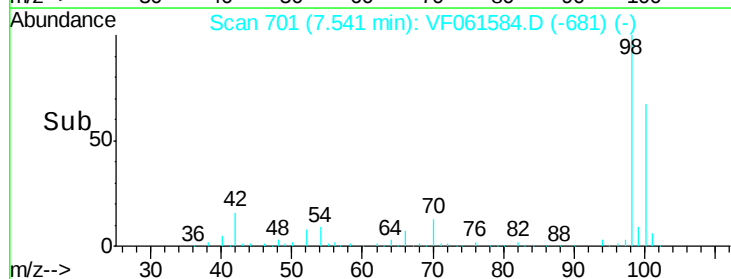
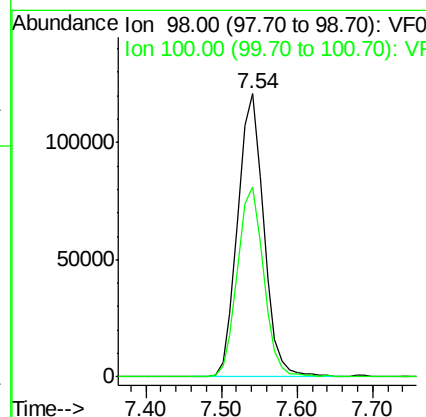
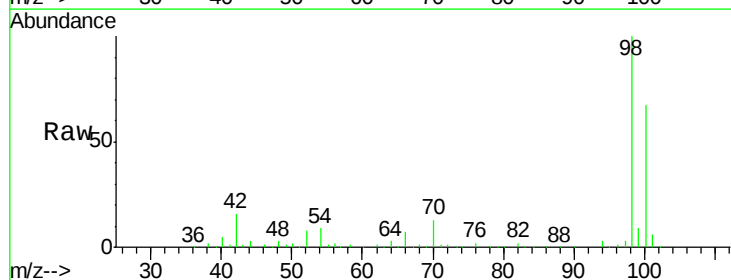
Instrument :  
MSVOA\_F  
ClientSampleId :

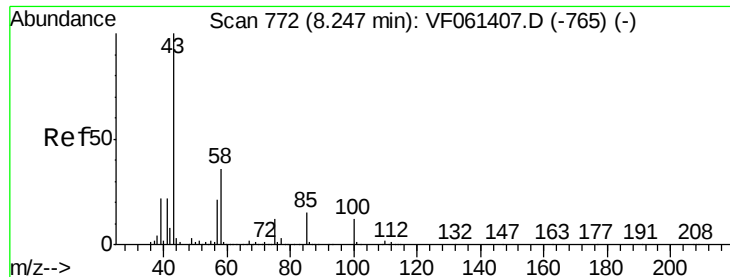
Tot Ion: 88 Resp: 3659  
Ion Ratio Lower Upper  
88 100  
43 45.5 55.5 83.3#  
58 61.5 59.9 89.9



#50  
Toluene-d8  
Concen: 46.832 ug/l  
RT: 7.54 min Scan# 701  
Delta R.T. -0.01 min  
Lab File: VF061584.D  
Acq: 11 Feb 2019 14:20

Tgt Ion: 98 Resp: 287362  
Ion Ratio Lower Upper  
98 100  
100 67.2 55.6 83.4





#51

4-Methyl-2-Pentanone

Concen: 105.967 ug/l

RT: 8.24 min Scan# 772

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Instrument :

MSVOA\_F

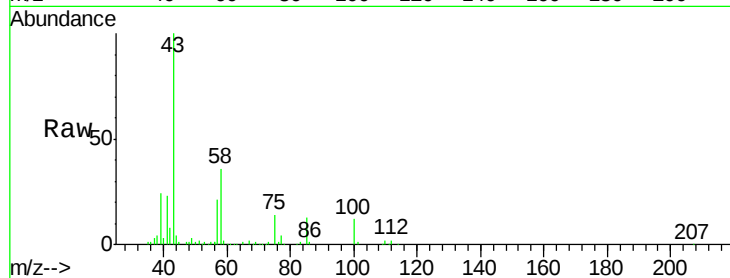
ClientSampled :

Tot Ion: 43 Resp: 128612

Ion Ratio Lower Upper

43 100

58 35.8 28.8 43.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.24

60000

50000

40000

30000

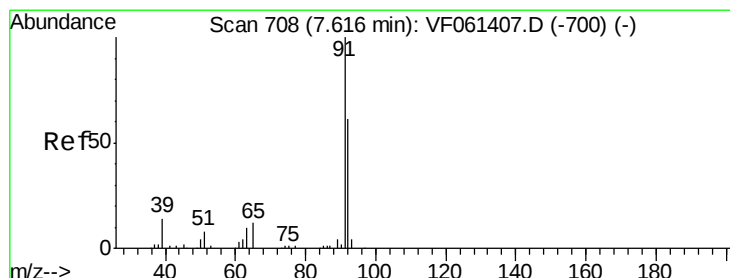
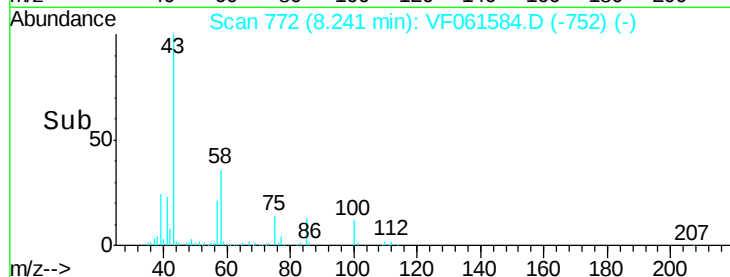
20000

10000

0

8.10 8.20 8.30 8.40

Time-->



#52

Toluene

Concen: 19.669 ug/l

RT: 7.61 min Scan# 708

Delta R.T. -0.01 min

Lab File: VF061584.D

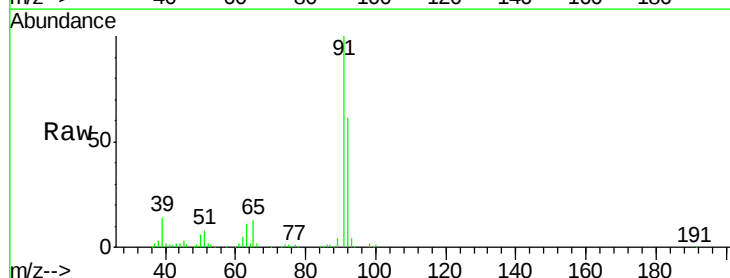
Acq: 11 Feb 2019 14:20

Tgt Ion: 92 Resp: 94845

Ion Ratio Lower Upper

92 100

91 164.9 131.2 196.8



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

7.61

60000

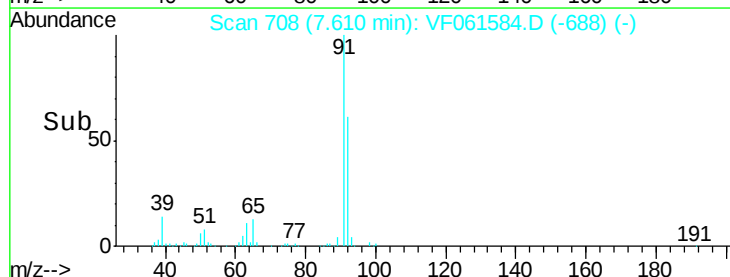
40000

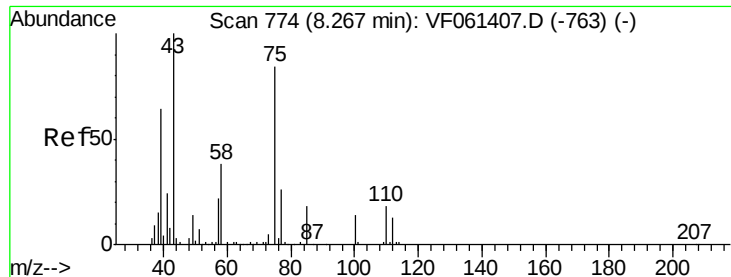
20000

0

7.50 7.60 7.70

Time-->





#53

t-1,3-Dichloropropene

Concen: 21.034 ug/l

RT: 8.26 min Scan# 774

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

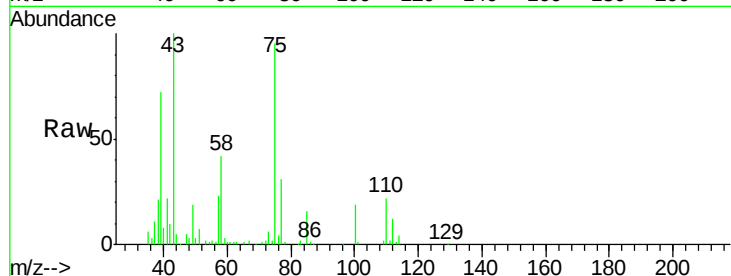
Instrument :  
MSVOA\_F  
ClientSampled :

Tot Ion: 75 Resp: 52808

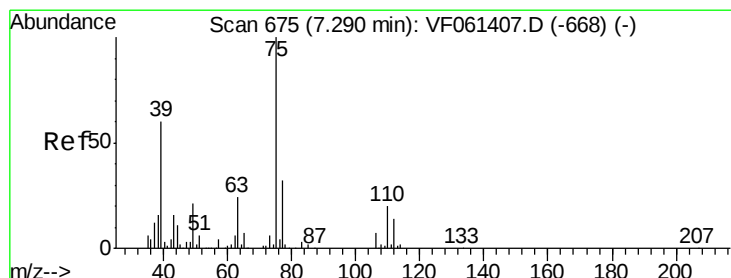
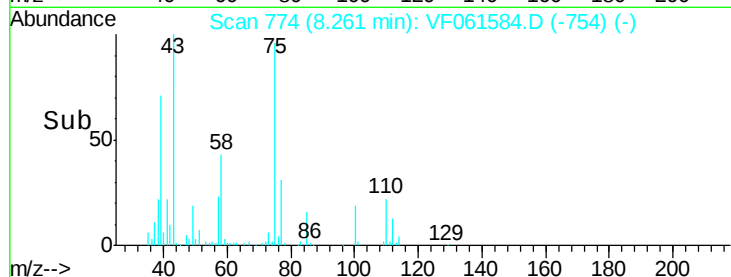
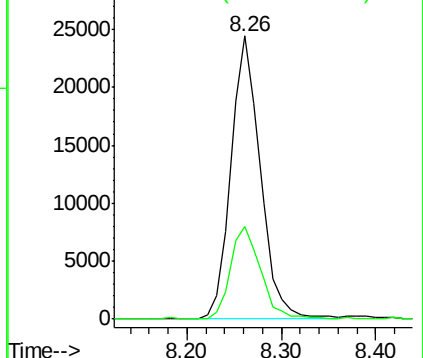
Ion Ratio Lower Upper

75 100

77 32.5 24.4 36.6



Abundance Ion 75.00 (74.70 to 75.70): VF0  
Ion 77.00 (76.70 to 77.70): VF0



#54

cis-1,3-Dichloropropene

Concen: 21.399 ug/l

RT: 7.28 min Scan# 675

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

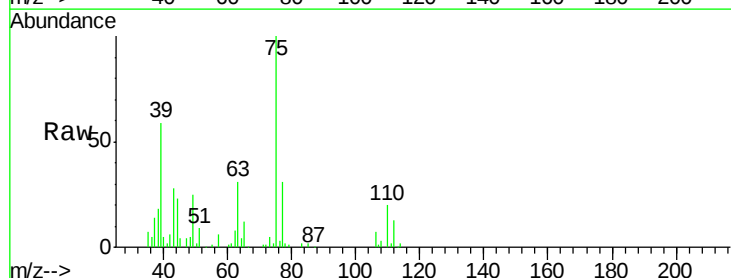
Tgt Ion: 75 Resp: 67153

Ion Ratio Lower Upper

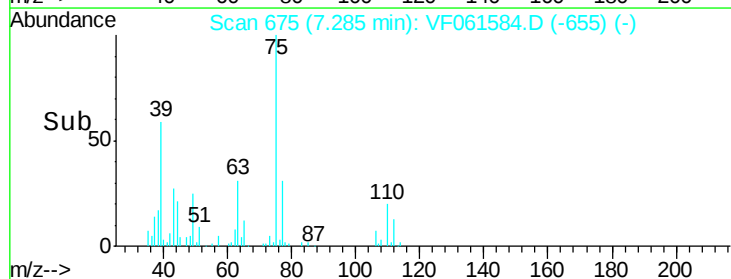
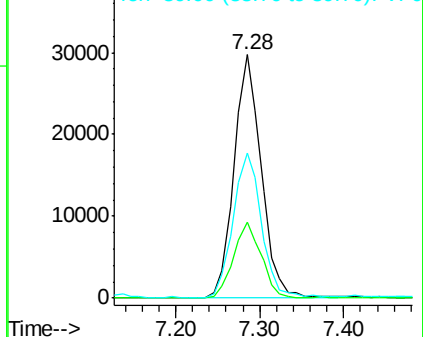
75 100

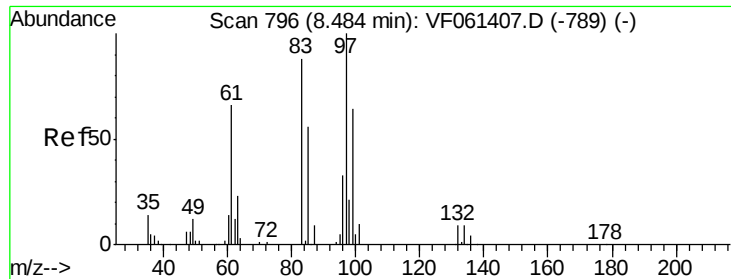
77 31.2 25.4 38.0

39 59.4 47.8 71.8



Abundance Ion 75.00 (74.70 to 75.70): VF0  
Ion 77.00 (76.70 to 77.70): VF0  
Ion 39.00 (38.70 to 39.70): VF0





#55

1,1,2-Trichloroethane

Concen: 20.182 ug/l

RT: 8.48 min Scan# 796

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Instrument :

MSVOA\_F

ClientSampleId :

Tot Ion: 97 Resp: 27636

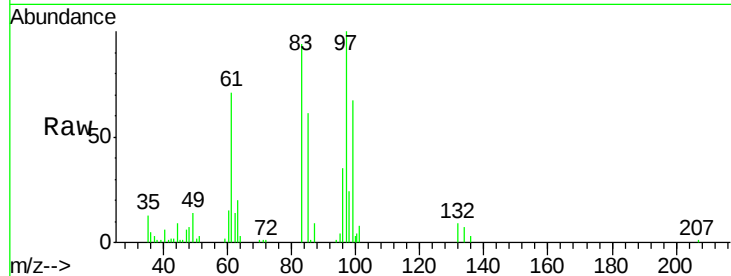
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 94.5  | 70.4  | 105.6 |
| 85  | 61.4  | 44.7  | 67.1  |
| 99  | 67.0  | 50.8  | 76.2  |

97 100

83 94.5 70.4 105.6

85 61.4 44.7 67.1

99 67.0 50.8 76.2

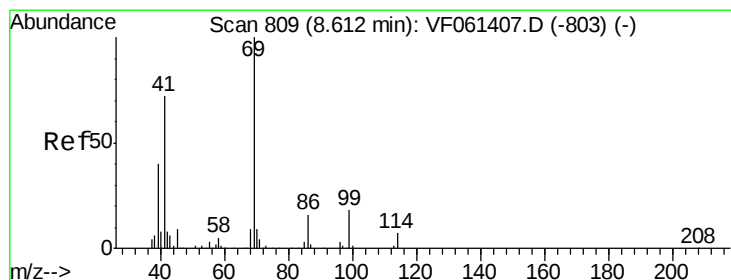
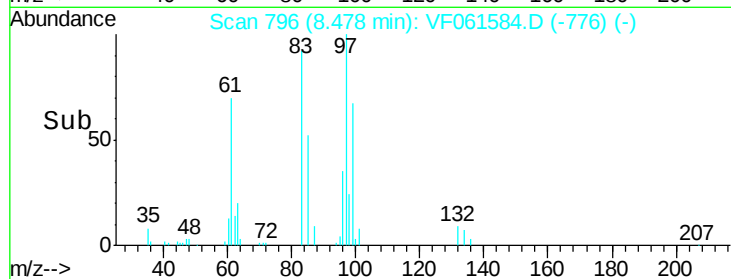
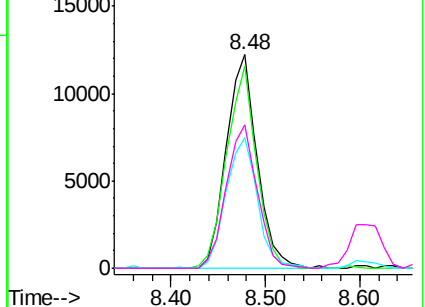


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 20.393 ug/l

RT: 8.61 min Scan# 809

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

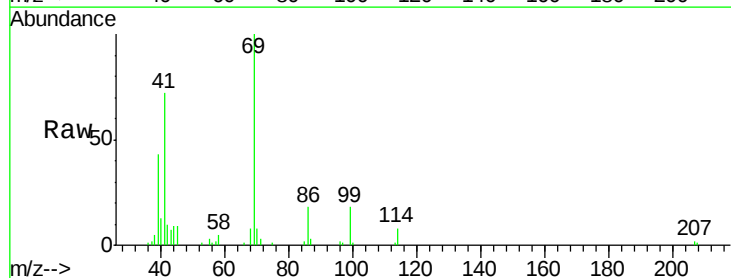
Tgt Ion: 69 Resp: 32489

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 72.4  | 57.5  | 86.3  |
| 39  | 43.1  | 32.0  | 48.0  |

69 100

41 72.4 57.5 86.3

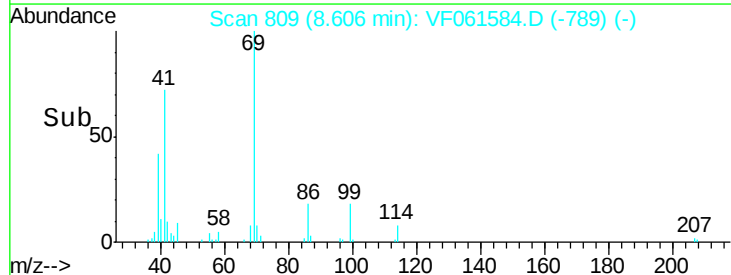
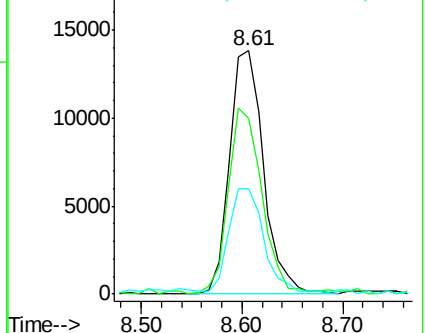
39 43.1 32.0 48.0

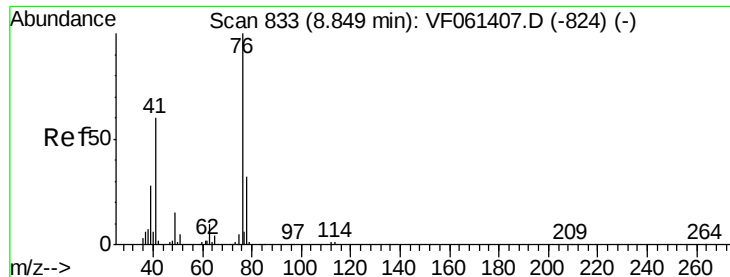


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 19.717 ug/l

RT: 8.83 min Scan# 832

Delta R.T. -0.02 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Instrument :

MSVOA\_F

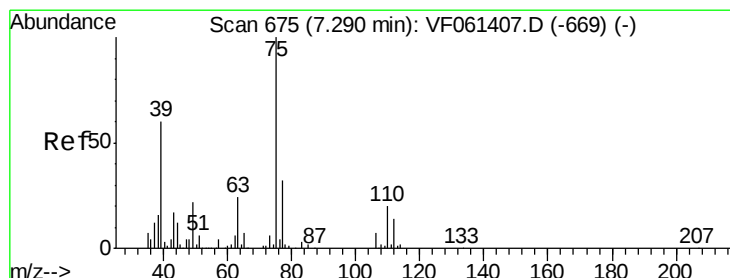
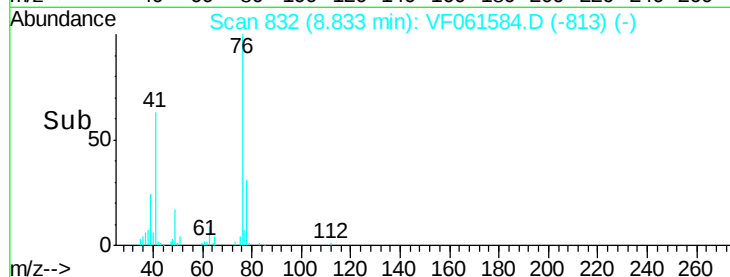
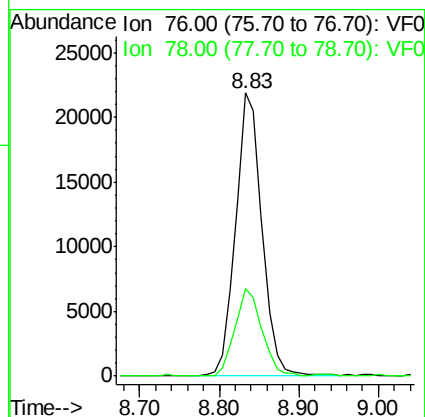
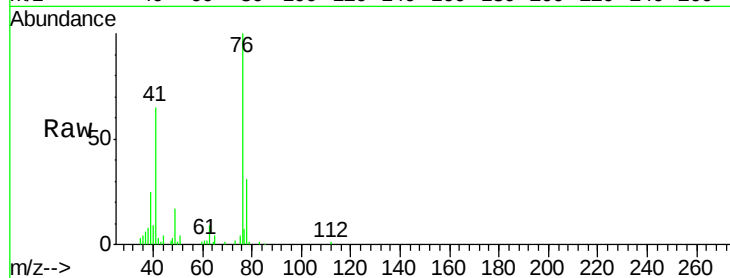
ClientSampleId :

Tot Ion: 76 Resp: 50607

Ion Ratio Lower Upper

76 100

78 30.8 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 155.564 ug/l

RT: 7.27 min Scan# 674

Delta R.T. -0.02 min

Lab File: VF061584.D

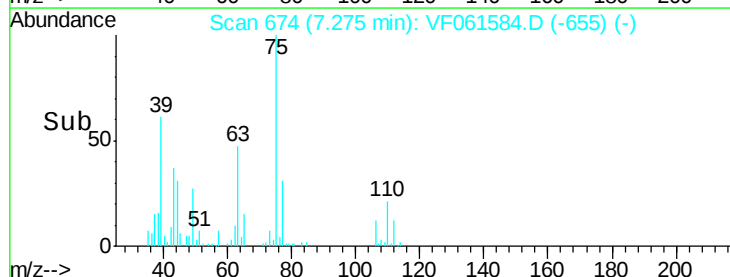
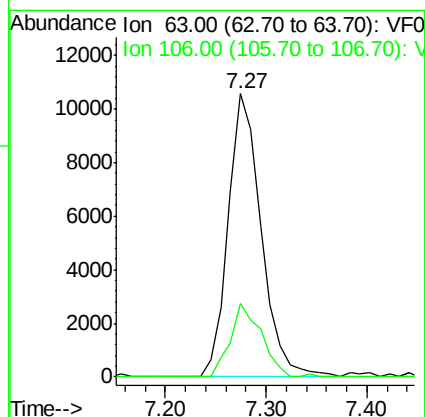
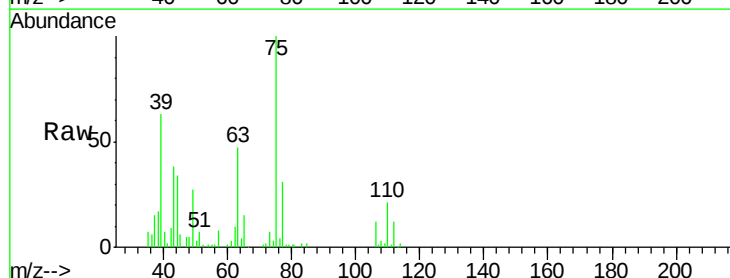
Acq: 11 Feb 2019 14:20

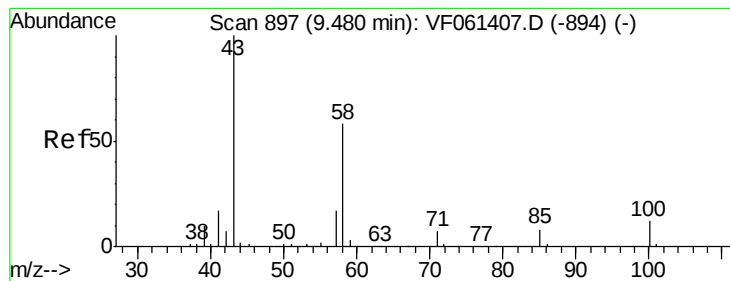
Tgt Ion: 63 Resp: 24037

Ion Ratio Lower Upper

63 100

106 26.1 21.9 32.9





#59

2-Hexanone

Concen: 119.068 ug/l

RT: 9.47 min Scan# 897

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

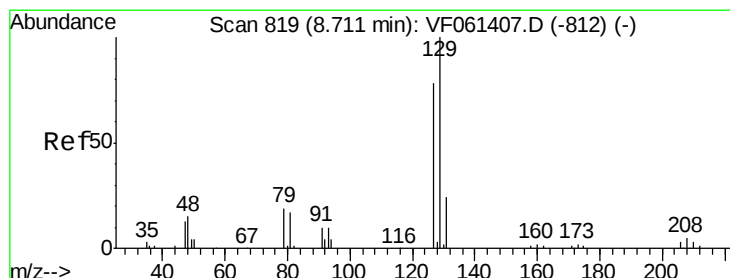
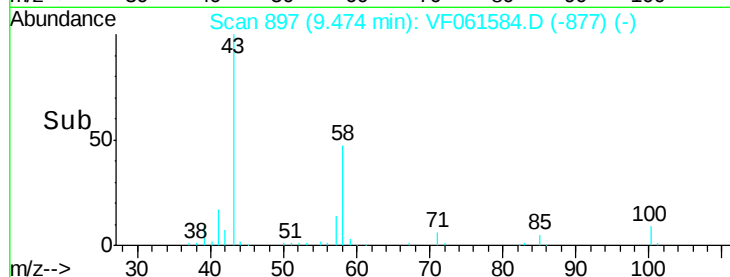
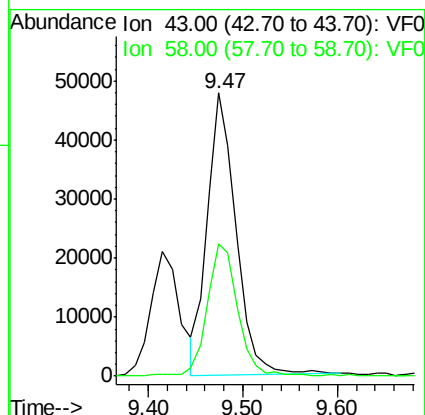
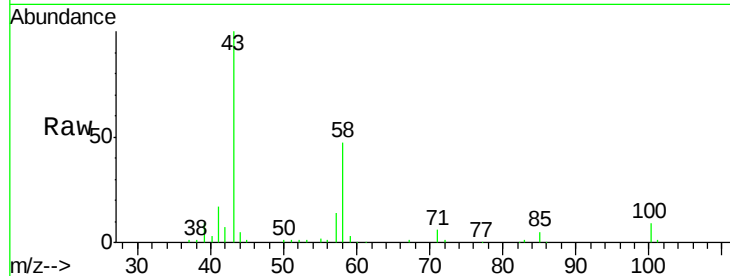
Instrument :  
MSVOA\_F  
ClientSampleId :

Tot Ion: 43 Resp: 100771

Ion Ratio Lower Upper

43 100

58 46.8 25.9 77.6



#60

Dibromochloromethane

Concen: 21.194 ug/l

RT: 8.71 min Scan# 819

Delta R.T. -0.01 min

Lab File: VF061584.D

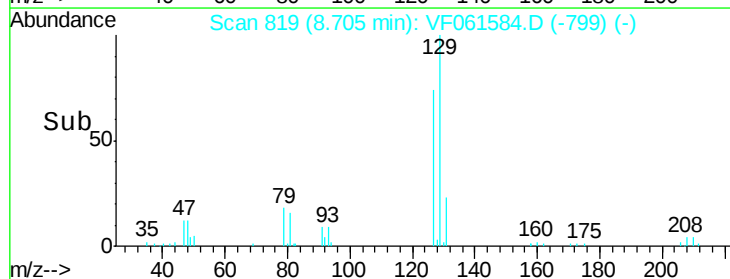
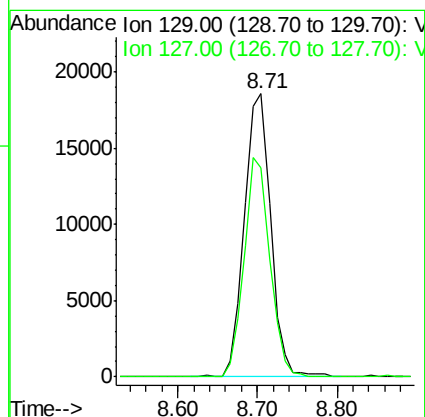
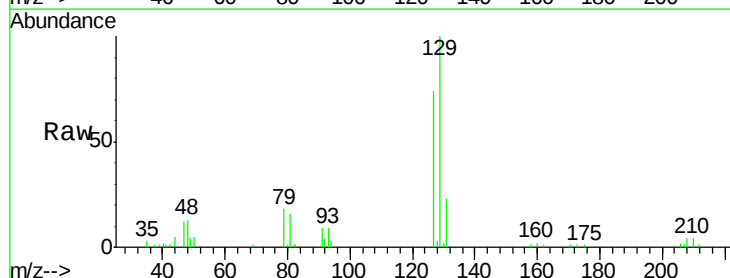
Acq: 11 Feb 2019 14:20

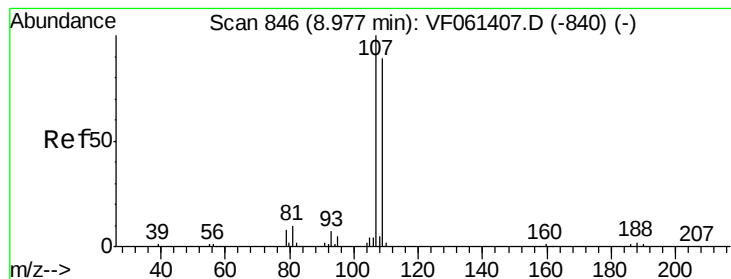
Tgt Ion:129 Resp: 42428

Ion Ratio Lower Upper

129 100

127 73.7 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.988 ug/l

RT: 8.97 min Scan# 846

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Instrument :

MSVOA\_F

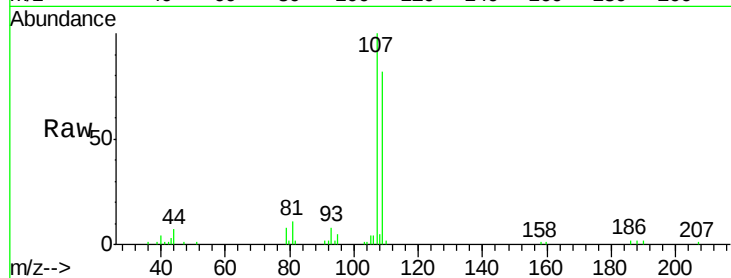
ClientSampleId :

Tot Ion:107 Resp: 29766

Ion Ratio Lower Upper

107 100

109 82.0 70.8 106.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

8.97

15000

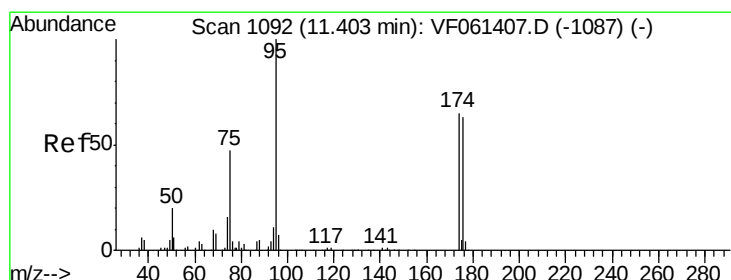
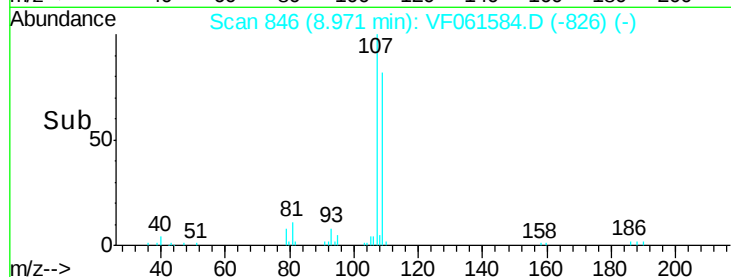
10000

5000

0

Time-->

8.90 9.00 9.10



#62

4-Bromofluorobenzene

Concen: 47.728 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

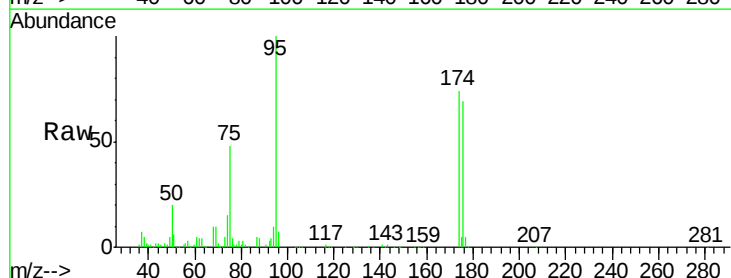
Tgt Ion: 95 Resp: 136831

Ion Ratio Lower Upper

95 100

174 73.6 0.0 130.4

176 68.8 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

11.40

100000

80000

60000

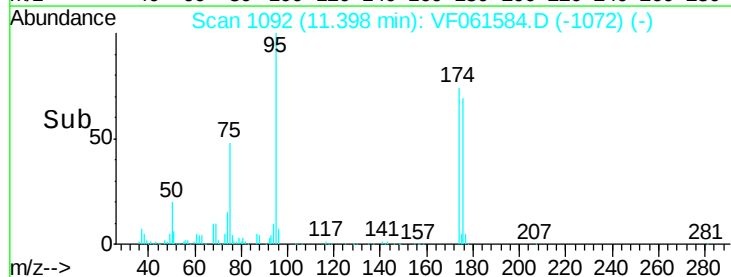
40000

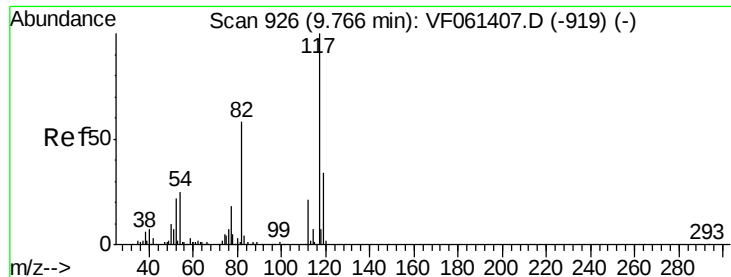
20000

0

Time-->

11.30 11.40 11.50





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.76 min Scan# 926

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Instrument :  
MSVOA\_F  
ClientSampleId :

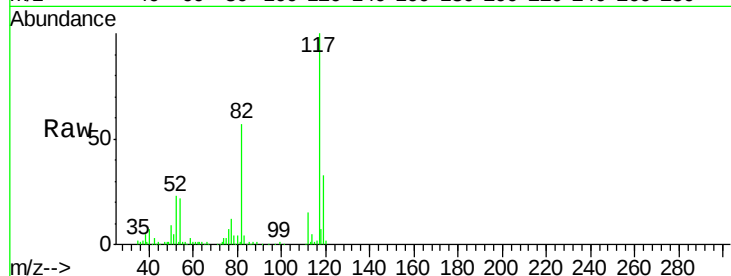
Tot Ion:117 Resp: 255592

Ion Ratio Lower Upper

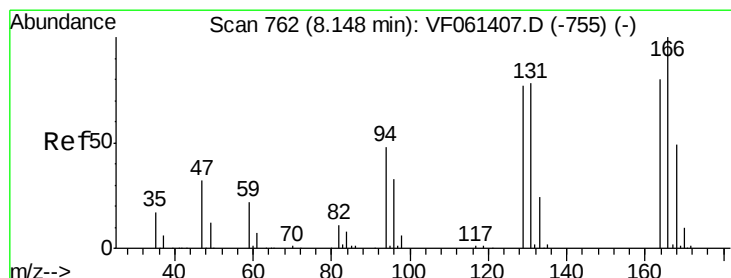
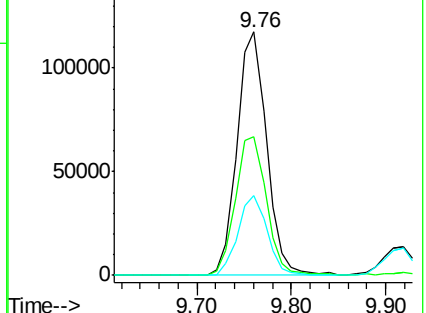
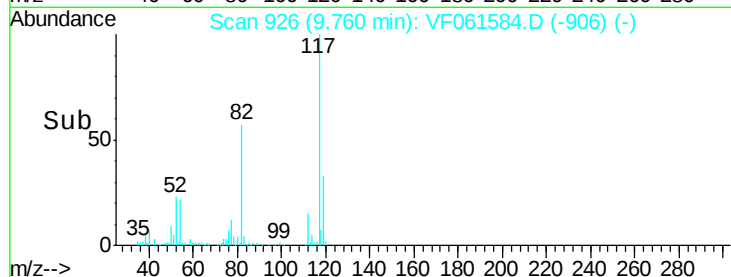
117 100

82 56.9 46.4 69.6

119 32.7 27.2 40.8



Abundance Ion 117.00 (116.70 to 117.70): V  
Ion 82.00 (81.70 to 82.70): V  
Ion 119.00 (118.70 to 119.70): V



#64

Tetrachloroethene

Concen: 20.355 ug/l

RT: 8.13 min Scan# 761

Delta R.T. -0.02 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Tgt Ion:164 Resp: 39124

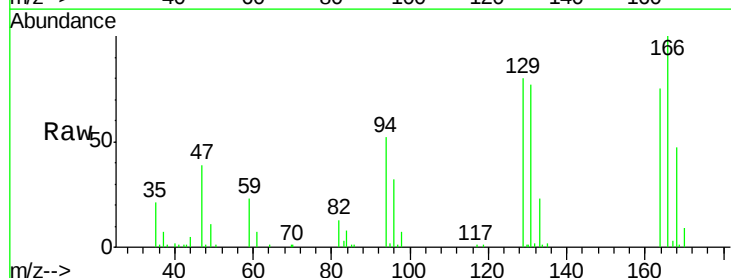
Ion Ratio Lower Upper

164 100

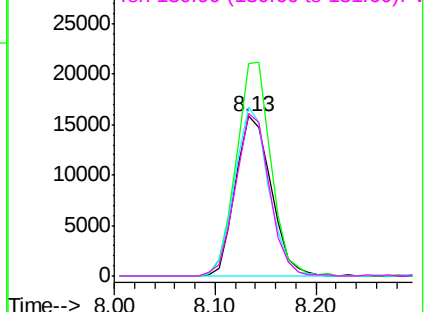
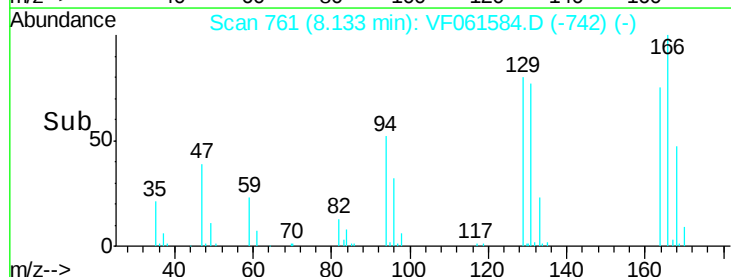
166 133.1 99.6 149.4

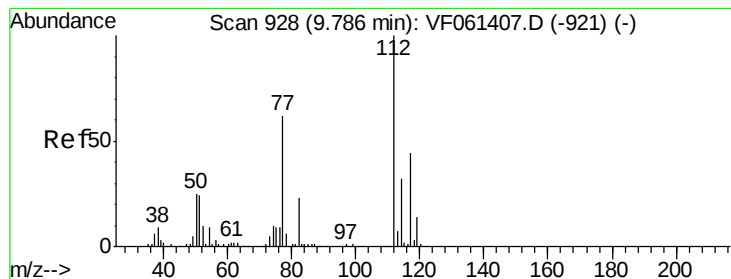
129 105.9 76.4 114.6

131 101.9 77.9 116.9



Abundance Ion 163.85 (163.55 to 164.55): V  
Ion 165.80 (165.50 to 166.50): V  
Ion 128.90 (128.60 to 129.60): V  
Ion 130.90 (130.60 to 131.60): V





#65

Chlorobenzene

Concen: 20.218 ug/l

RT: 9.78 min Scan# 928

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

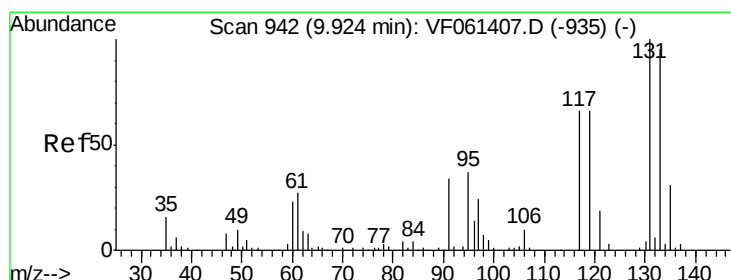
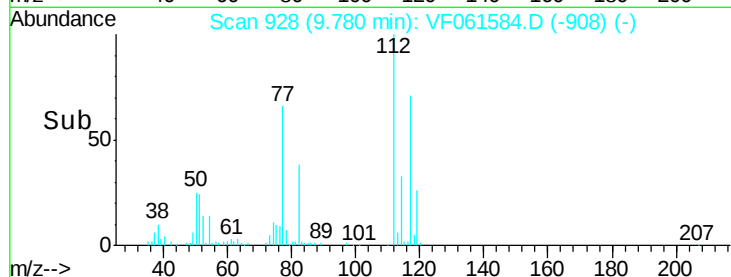
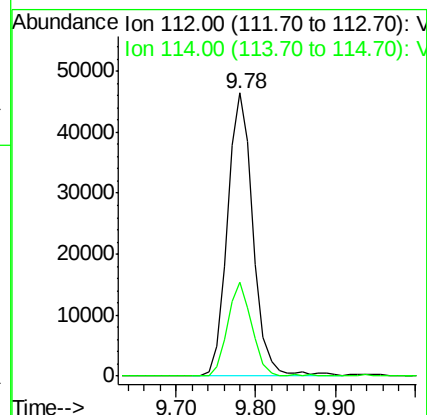
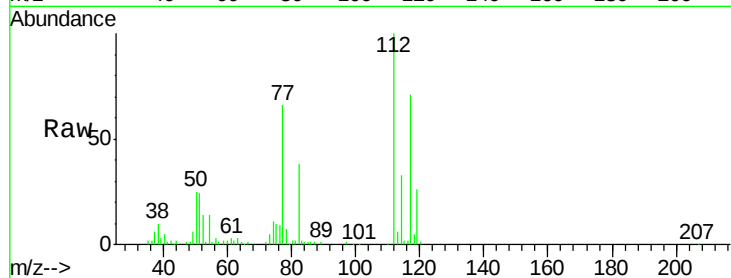
Instrument :  
MSVOA\_F  
ClientSampleId :

Tot Ion:112 Resp: 105087

Ion Ratio Lower Upper

112 100

114 33.3 25.4 38.0



#66

1,1,1,2-Tetrachloroethane

Concen: 22.530 ug/l

RT: 9.92 min Scan# 942

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

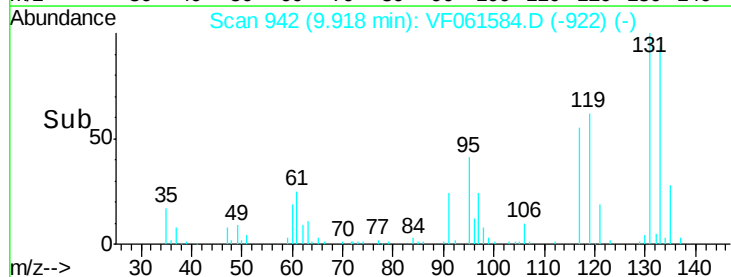
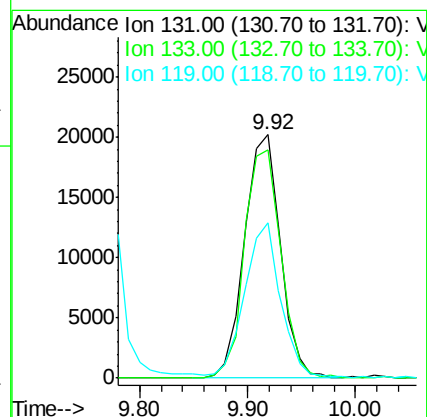
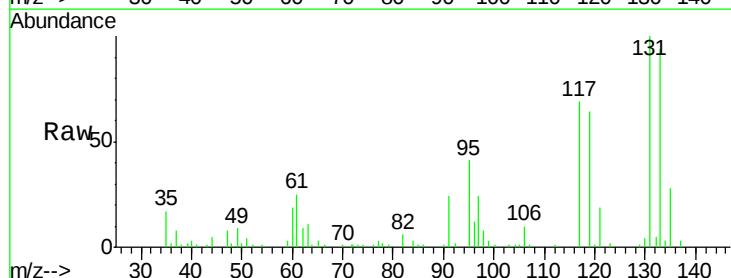
Tgt Ion:131 Resp: 46650

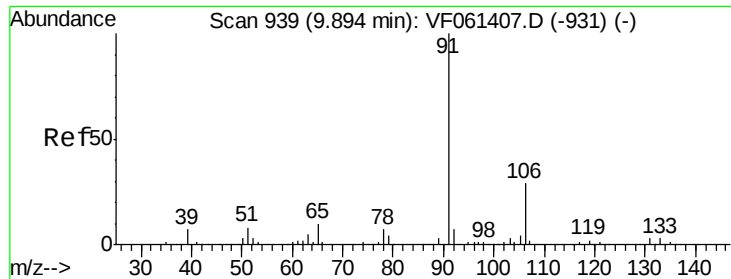
Ion Ratio Lower Upper

131 100

133 94.0 47.4 142.2

119 64.0 33.1 99.3

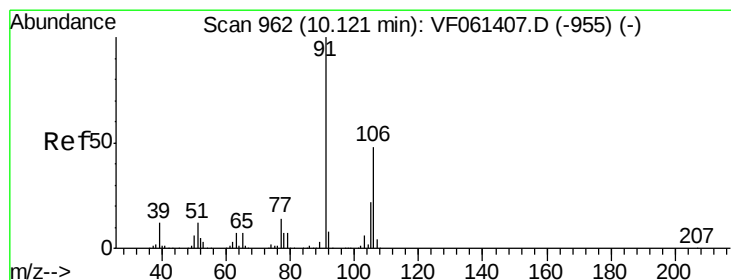
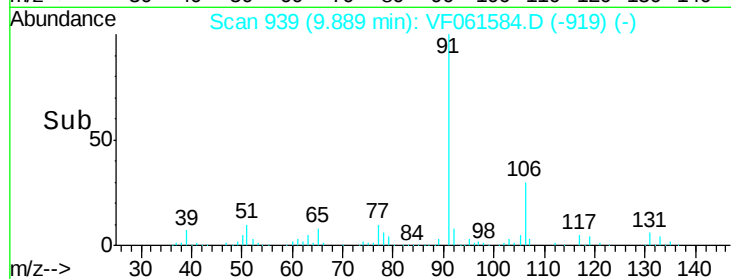
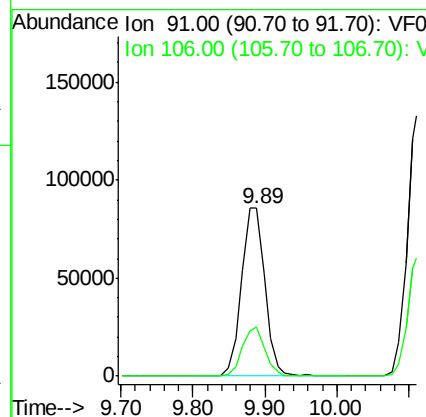
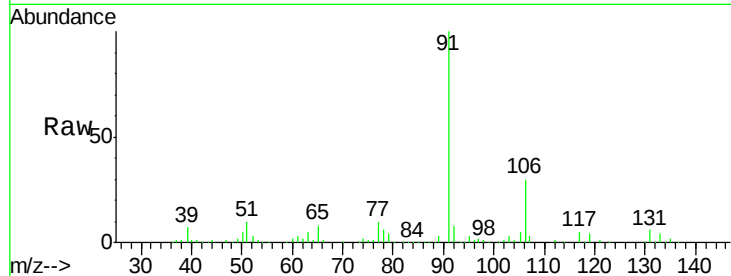




#67  
Ethyl Benzene  
Concen: 20.616 ug/l  
RT: 9.89 min Scan# 939  
Delta R.T. -0.01 min  
Lab File: VF061584.D  
Acq: 11 Feb 2019 14:20

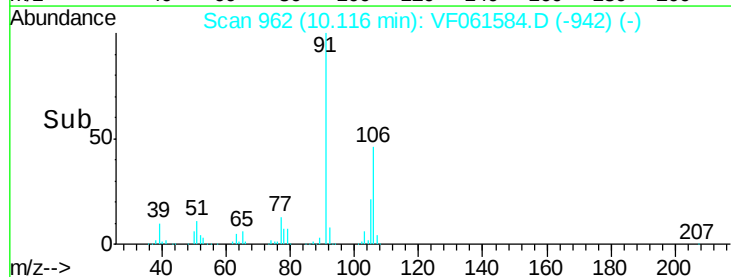
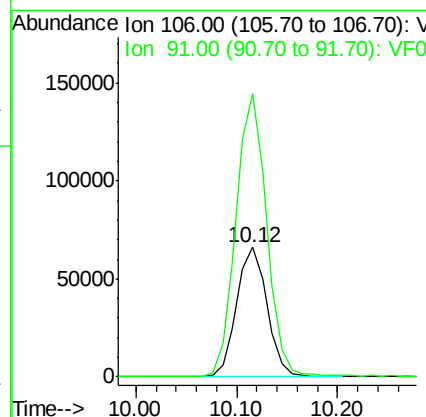
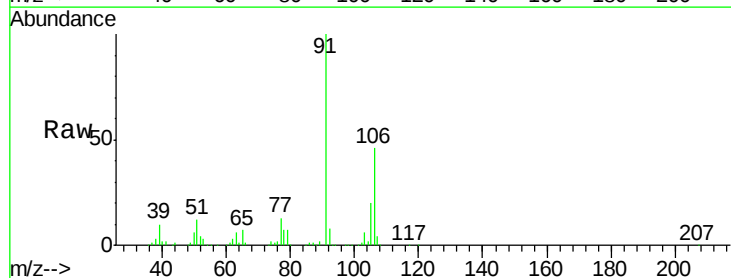
Instrument :  
MSVOA\_F  
ClientSampled :

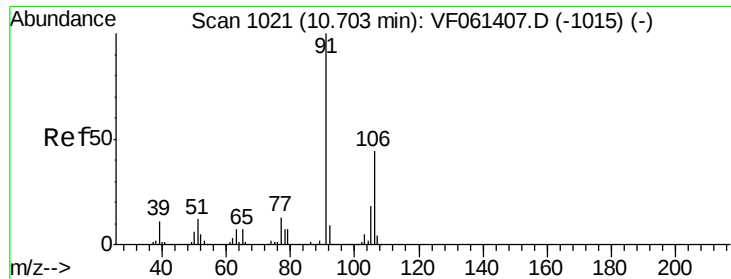
Tot Ion: 91 Resp: 195774  
Ion Ratio Lower Upper  
91 100  
106 29.6 23.1 34.7



#68  
m/p-Xylenes  
Concen: 40.790 ug/l  
RT: 10.12 min Scan# 962  
Delta R.T. -0.01 min  
Lab File: VF061584.D  
Acq: 11 Feb 2019 14:20

Tgt Ion: 106 Resp: 139319  
Ion Ratio Lower Upper  
106 100  
91 218.6 166.2 249.4

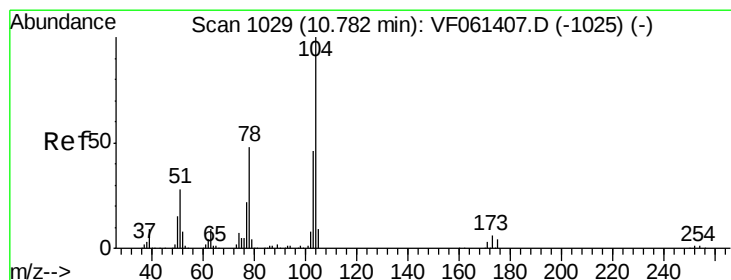
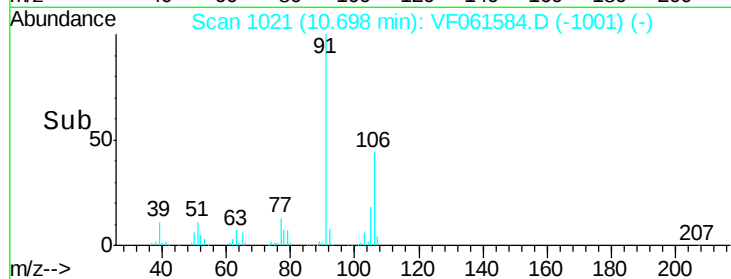
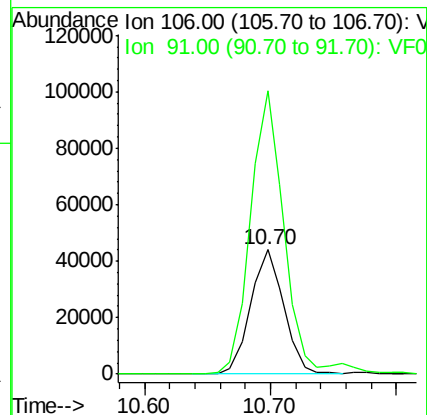
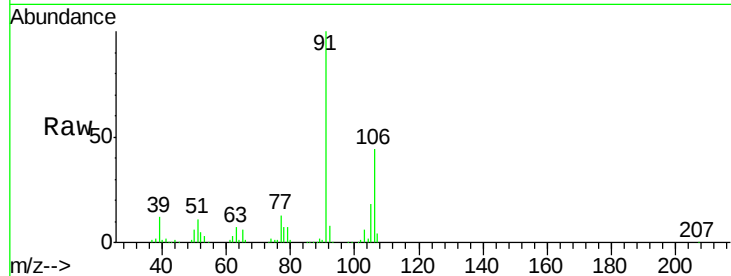




#69  
o-Xylene  
Concen: 21.746 ug/l  
RT: 10.70 min Scan# 1021  
Delta R.T. -0.01 min  
Lab File: VF061584.D  
Acq: 11 Feb 2019 14:20

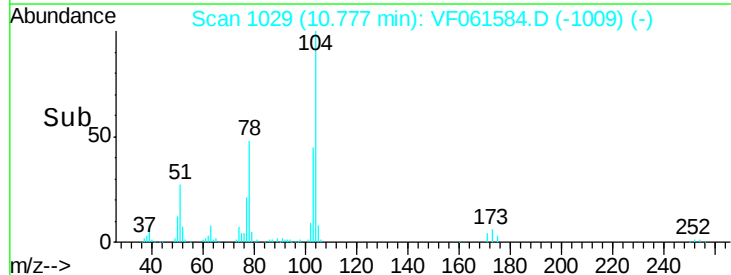
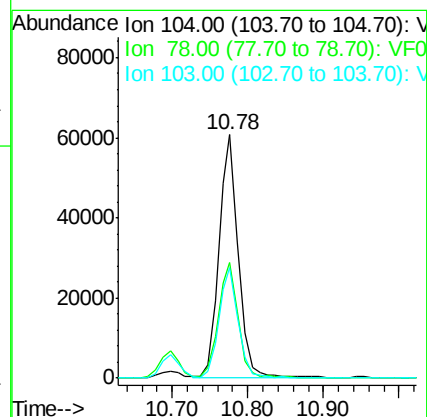
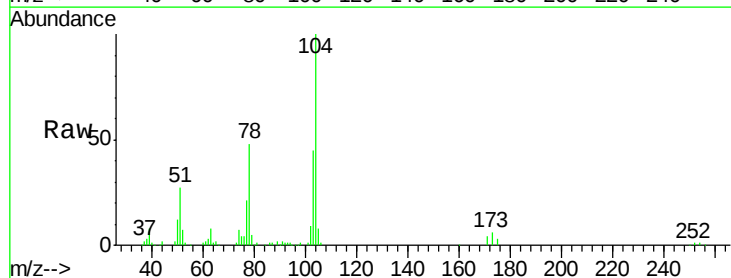
Instrument :  
MSVOA\_F  
ClientSampleId :

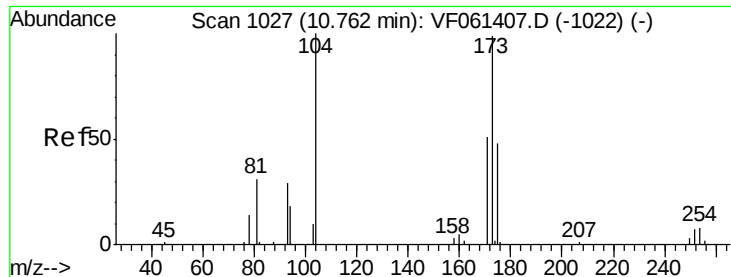
Tot Ion:106 Resp: 80501  
Ion Ratio Lower Upper  
106 100  
91 228.0 113.3 339.8



#70  
Styrene  
Concen: 21.380 ug/l  
RT: 10.78 min Scan# 1029  
Delta R.T. -0.01 min  
Lab File: VF061584.D  
Acq: 11 Feb 2019 14:20

Tgt Ion:104 Resp: 108337  
Ion Ratio Lower Upper  
104 100  
78 47.5 38.8 58.2  
103 45.5 37.0 55.6





#71

Bromoform

Concen: 22.359 ug/l

RT: 10.76 min Scan# 1027

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Instrument :

MSVOA\_F

ClientSampleId :

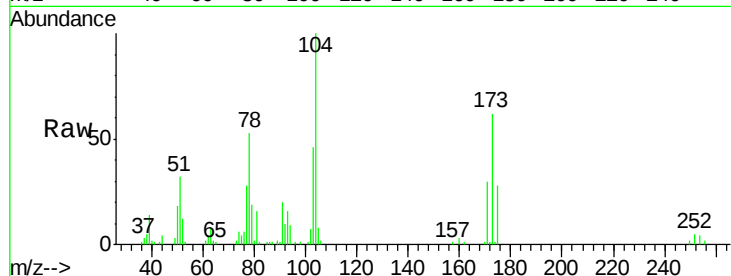
Tot Ion:173 Resp: 20801

Ion Ratio Lower Upper

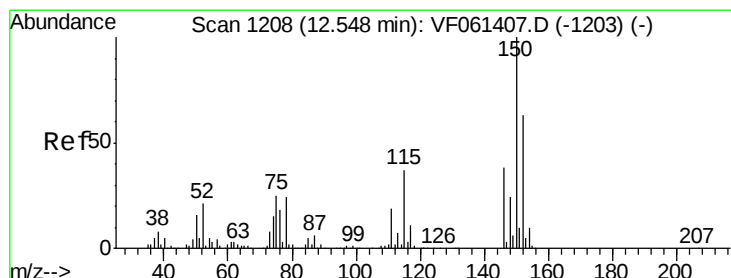
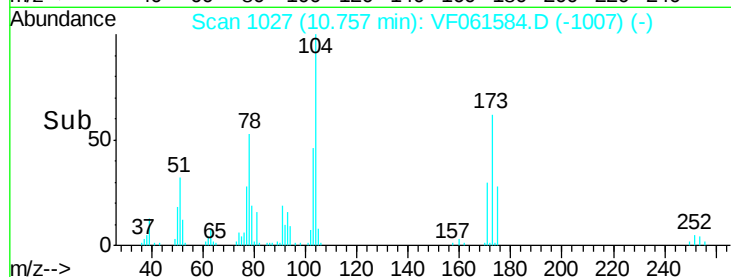
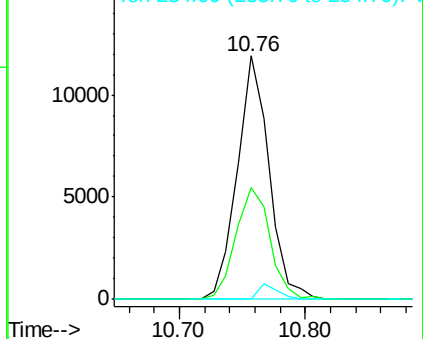
173 100

175 45.8 24.1 72.4

254 0.0 0.0 0.0



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.54 min Scan# 1208

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

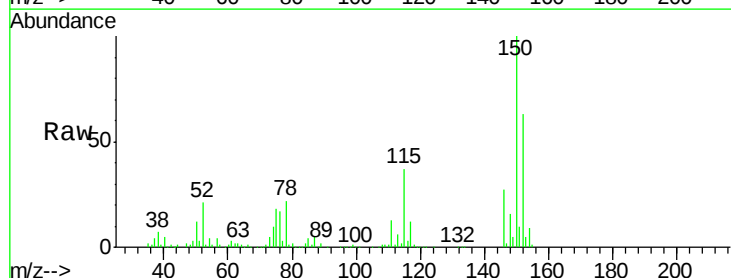
Tgt Ion:152 Resp: 129783

Ion Ratio Lower Upper

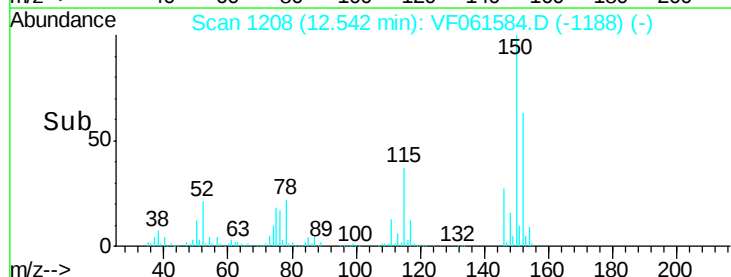
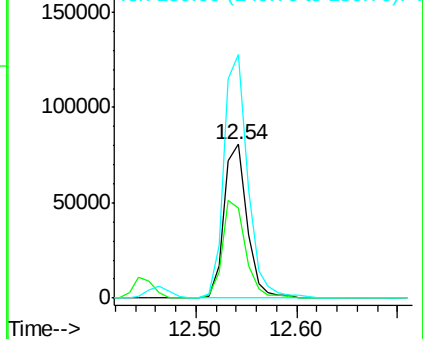
152 100

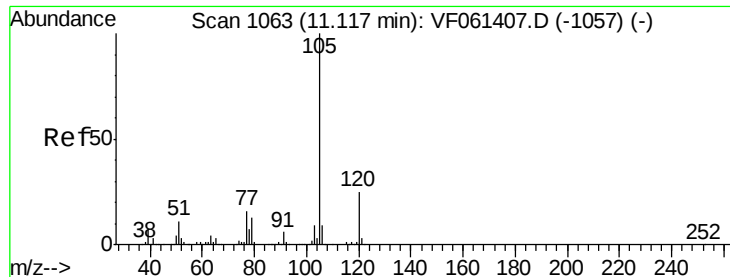
115 58.9 30.0 90.0

150 158.5 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: 23.256 ug/l

RT: 11.11 min Scan# 1063

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Instrument :

MSVOA\_F

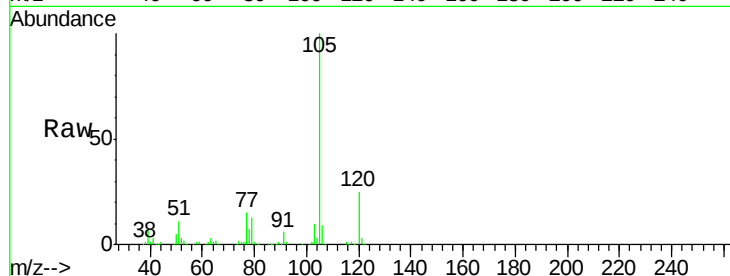
ClientSampleId :

Tot Ion:105 Resp: 245483

Ion Ratio Lower Upper

105 100

120 25.0 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.11

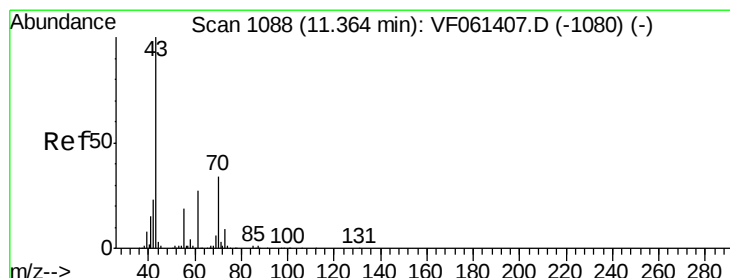
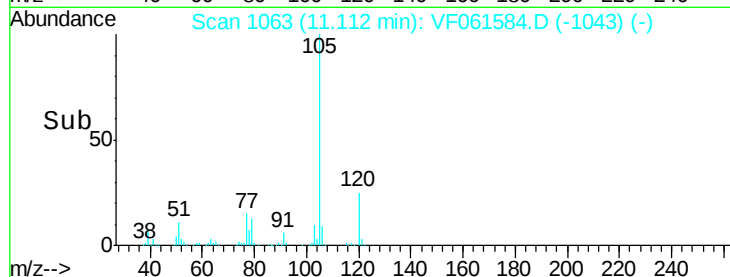
150000

100000

50000

0

Time--> 11.00 11.10 11.20



#74

N-ethyl acetate

Concen: 24.949 ug/l

RT: 11.36 min Scan# 1088

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Tgt Ion: 43 Resp: 62273

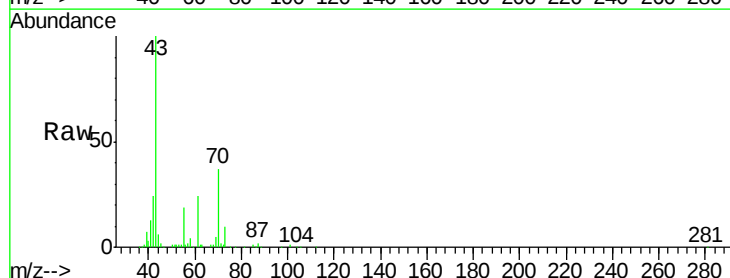
Ion Ratio Lower Upper

43 100

70 37.3 27.6 41.4

55 19.2 15.4 23.2

61 23.9 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

60000

50000

40000

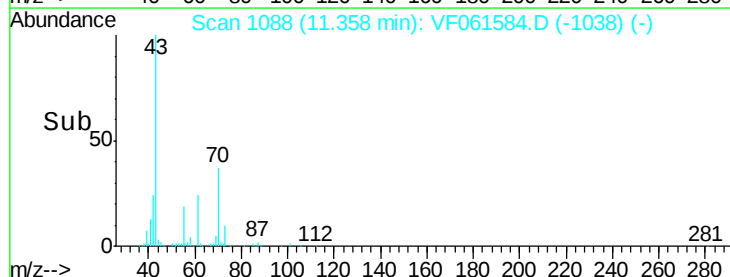
30000

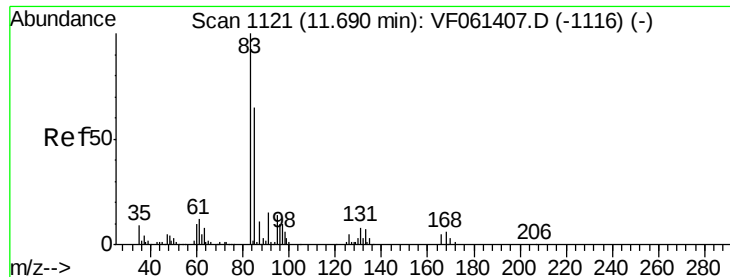
20000

10000

0

Time--> 11.30 11.40 11.50





#75

1,1,2,2-Tetrachloroethane

Concen: 21.040 ug/l

RT: 11.68 min Scan# 1121

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Instrument :

MSVOA\_F

ClientSampleId :

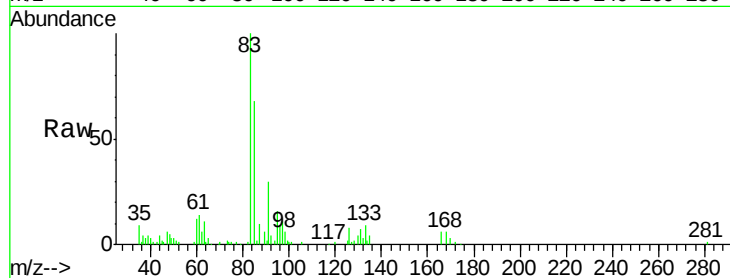
Tot Ion: 83 Resp: 39565

Ion Ratio Lower Upper

83 100

131 7.2 4.0 12.2

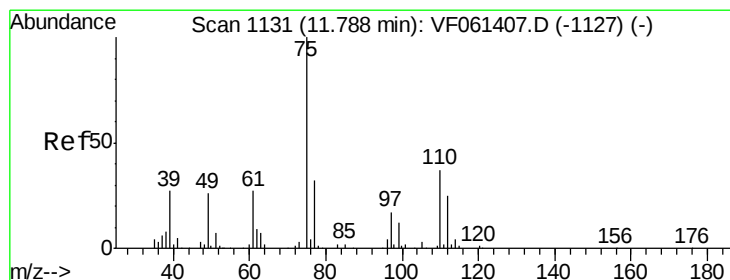
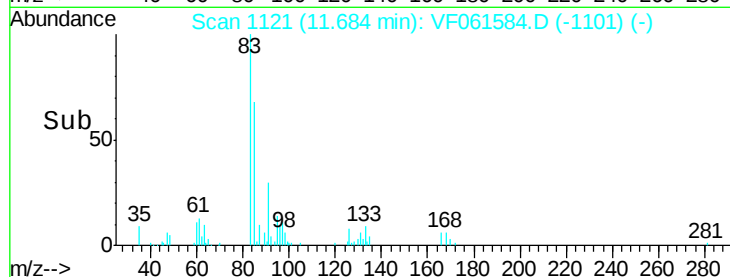
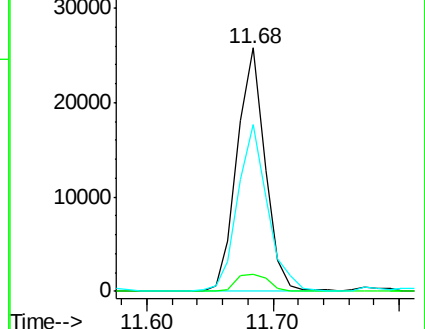
85 68.3 32.7 98.1



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): VF0

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 21.745 ug/l

RT: 11.78 min Scan# 1131

Delta R.T. -0.01 min

Lab File: VF061584.D

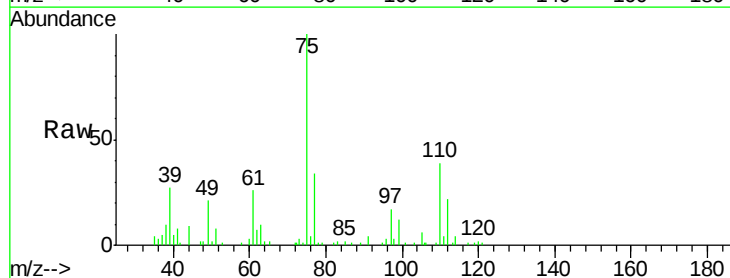
Acq: 11 Feb 2019 14:20

Tgt Ion: 75 Resp: 29382

Ion Ratio Lower Upper

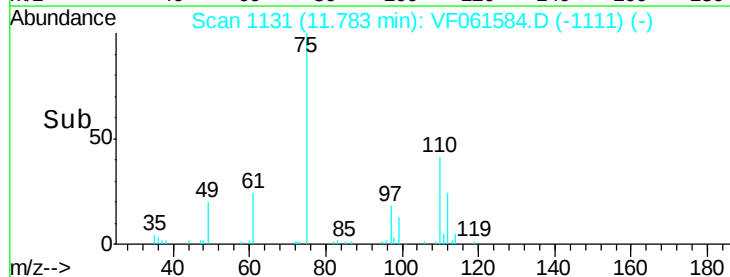
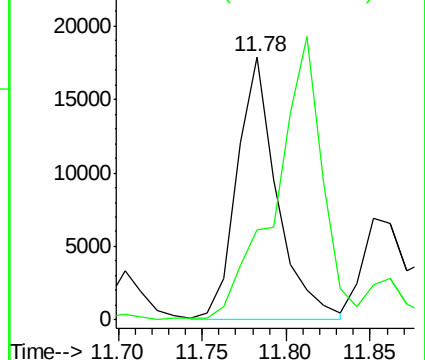
75 100

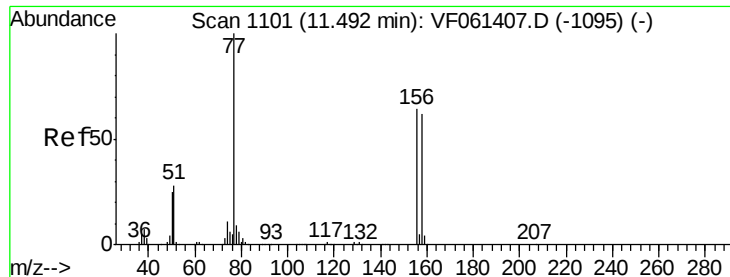
77 34.1 16.1 48.3



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 23.209 ug/l

RT: 11.48 min Scan# 1100

Delta R.T. -0.02 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Instrument :

MSVOA\_F

ClientSampleId :

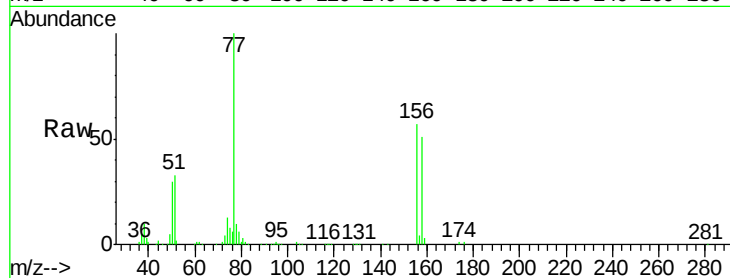
Tot Ion:156 Resp: 51737

Ion Ratio Lower Upper

156 100

77 176.3 78.3 234.9

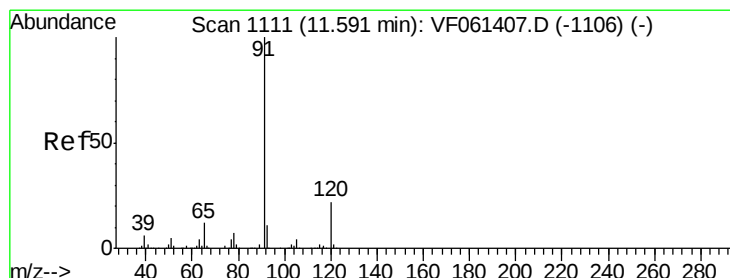
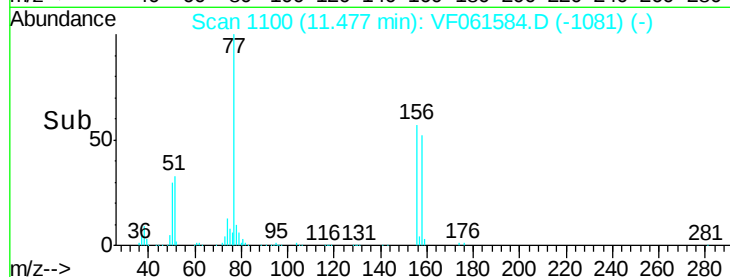
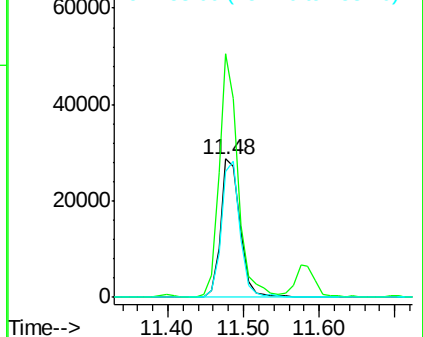
158 90.7 48.9 146.7



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: 20.152 ug/l

RT: 11.59 min Scan# 1111

Delta R.T. -0.00 min

Lab File: VF061584.D

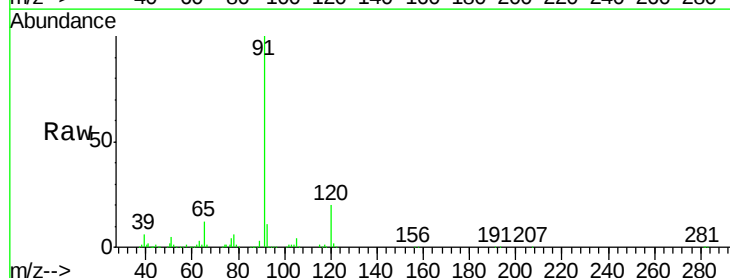
Acq: 11 Feb 2019 14:20

Tgt Ion: 91 Resp: 277093

Ion Ratio Lower Upper

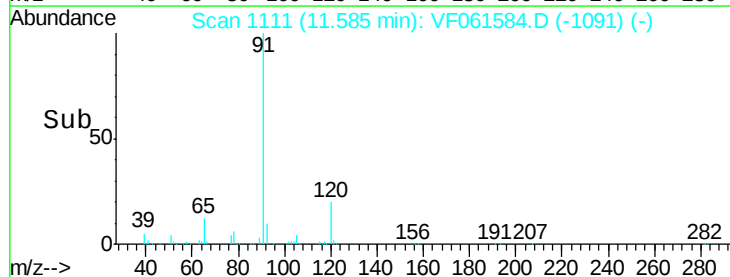
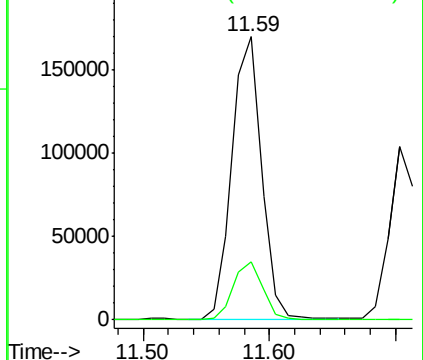
91 100

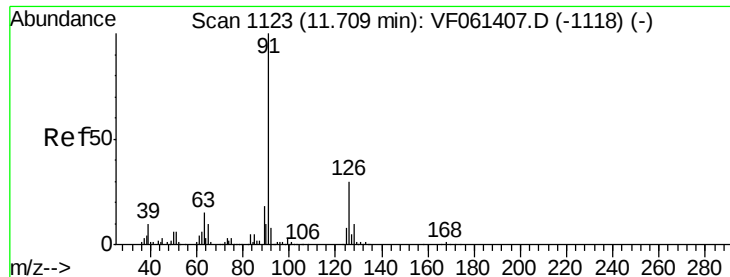
120 20.4 10.9 32.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

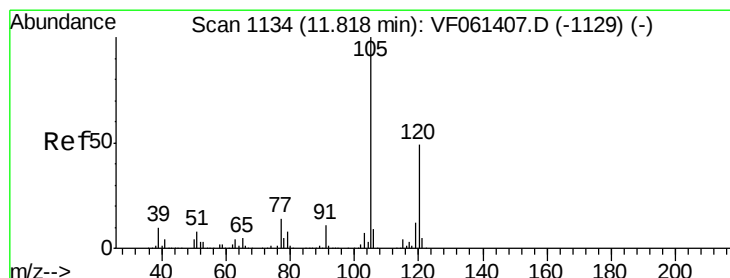
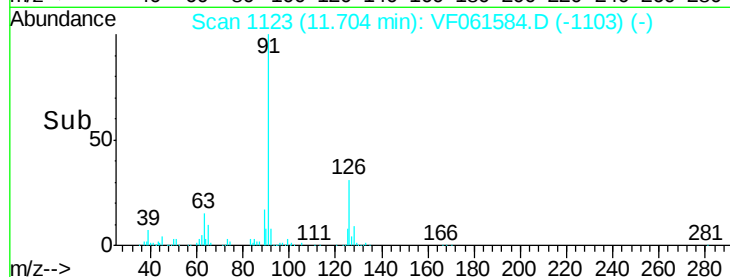
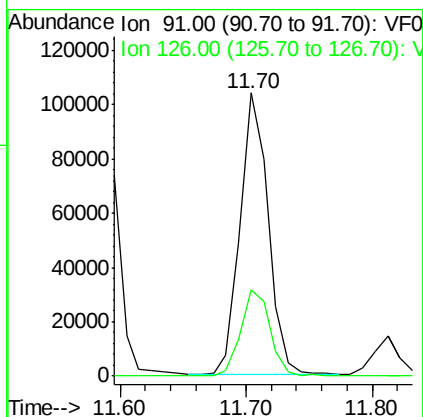
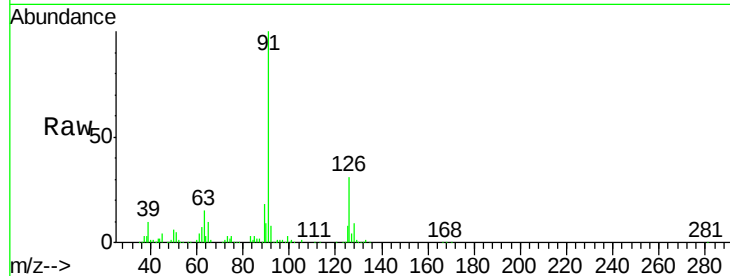




#79  
 2-Chlorotoluene  
 Concen: 21.907 ug/l  
 RT: 11.70 min Scan# 1123  
 Delta R.T. -0.01 min  
 Lab File: VF061584.D  
 Acq: 11 Feb 2019 14:20

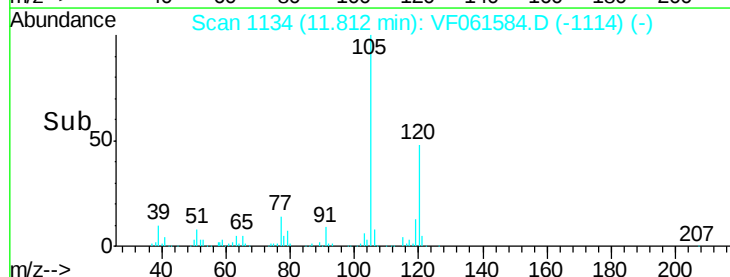
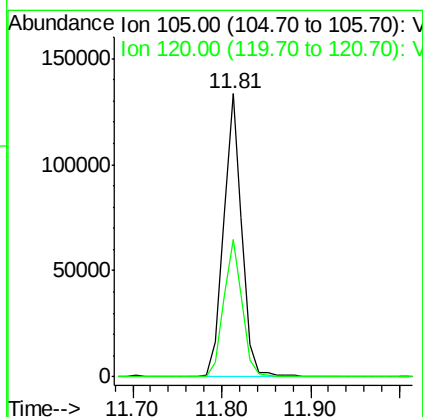
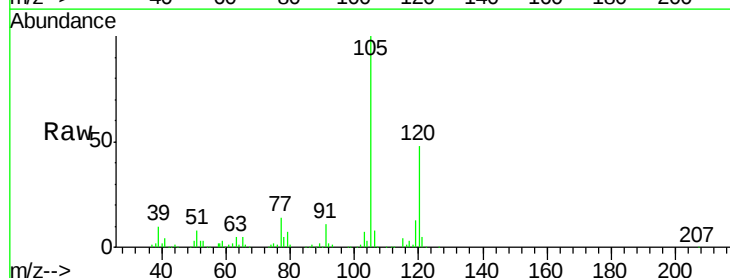
Instrument :  
 MSVOA\_F  
 ClientSampleId :

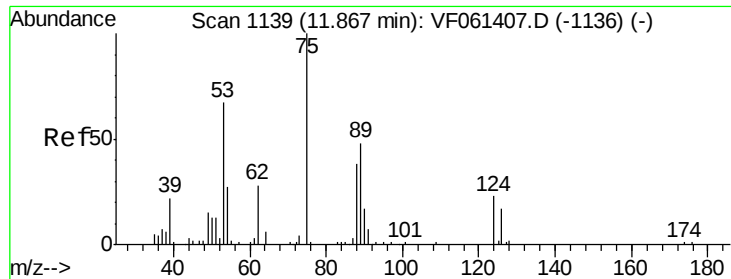
Tot Ion: 91 Resp: 160445  
 Ion Ratio Lower Upper  
 91 100  
 126 30.5 15.0 45.1



#80  
 1,3,5-Trimethylbenzene  
 Concen: 22.539 ug/l  
 RT: 11.81 min Scan# 1134  
 Delta R.T. -0.01 min  
 Lab File: VF061584.D  
 Acq: 11 Feb 2019 14:20

Tgt Ion: 105 Resp: 192001  
 Ion Ratio Lower Upper  
 105 100  
 120 48.4 24.7 74.1

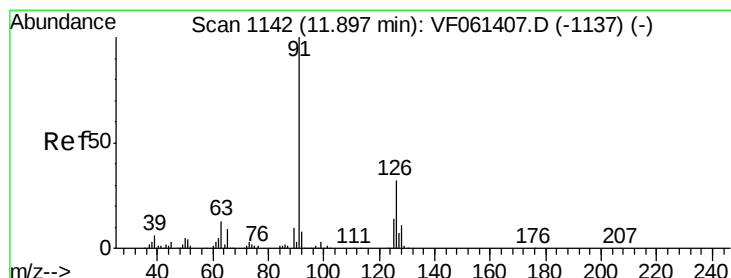
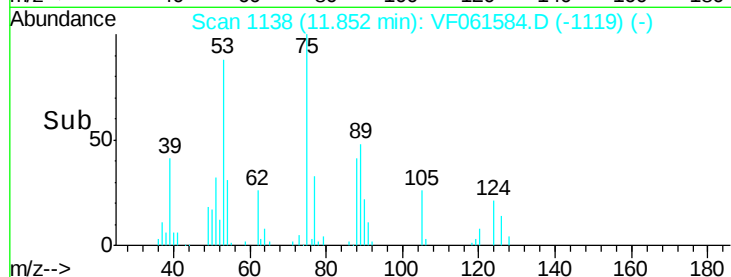
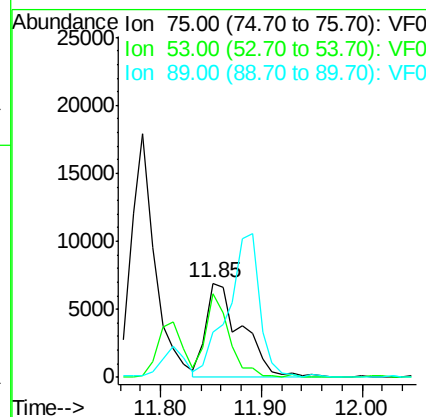
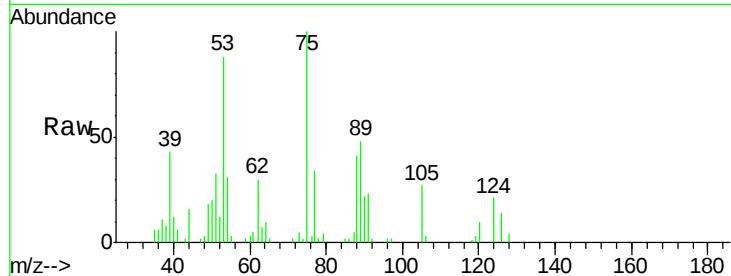




#81  
trans-1,4-Dichloro-2-butene  
Concen: 29.285 ug/l  
RT: 11.85 min Scan# 1138  
Delta R.T. -0.02 min  
Lab File: VF061584.D  
Acq: 11 Feb 2019 14:20

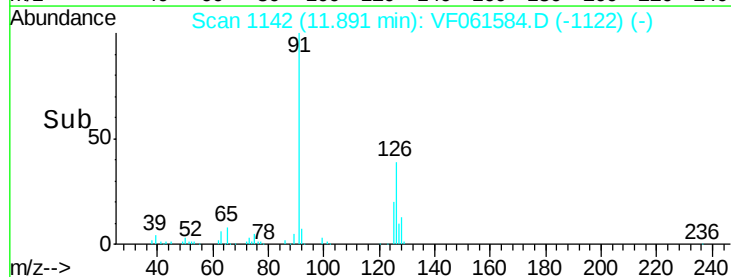
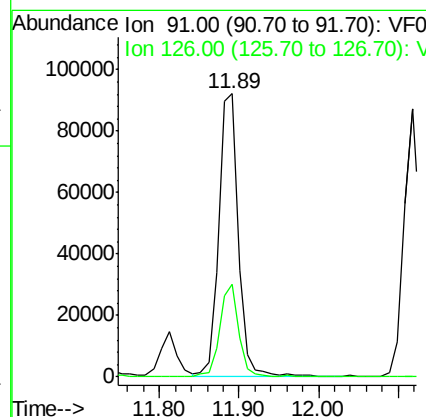
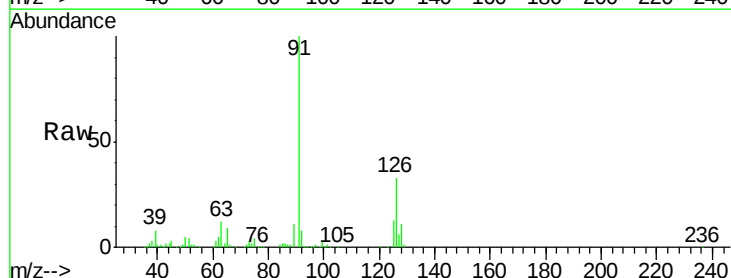
Instrument :  
MSVOA\_F  
ClientSampleId :

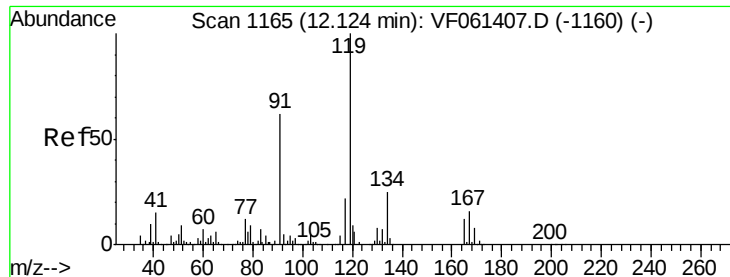
Tot Ion: 75 Resp: 17201  
Ion Ratio Lower Upper  
75 100  
53 88.3 57.8 86.6#  
89 47.9 40.7 61.1



#82  
4-Chlorotoluene  
Concen: 21.616 ug/l  
RT: 11.89 min Scan# 1142  
Delta R.T. -0.01 min  
Lab File: VF061584.D  
Acq: 11 Feb 2019 14:20

Tgt Ion: 91 Resp: 159751  
Ion Ratio Lower Upper  
91 100  
126 32.9 16.0 47.9

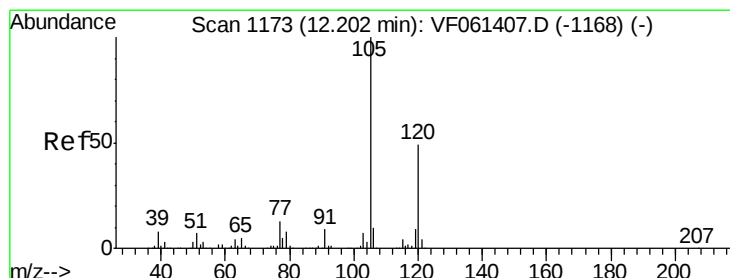
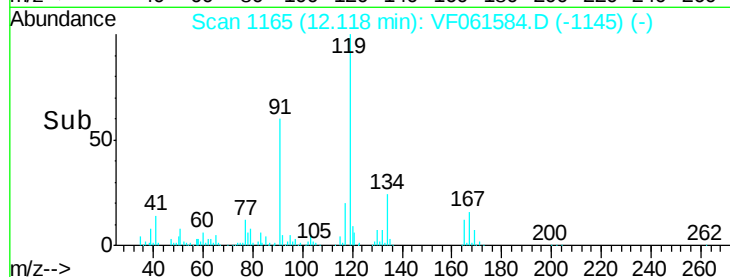
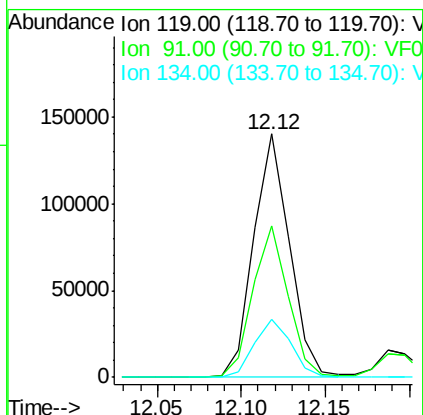
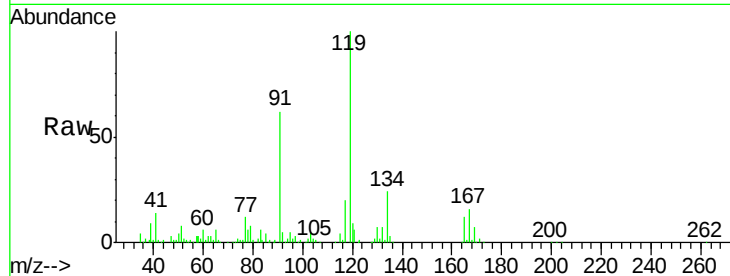




#83  
 tert-Butylbenzene  
 Concen: 23.578 ug/l  
 RT: 12.12 min Scan# 1165  
 Delta R.T. -0.01 min  
 Lab File: VF061584.D  
 Acq: 11 Feb 2019 14:20

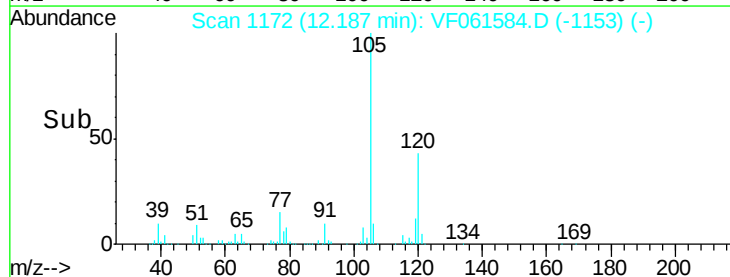
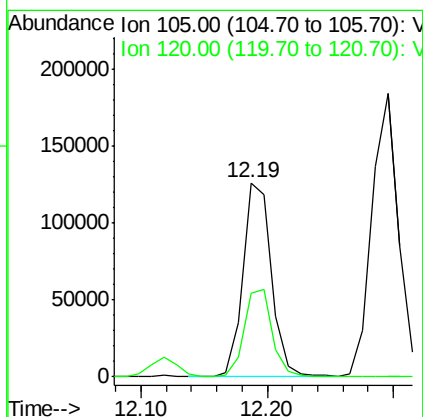
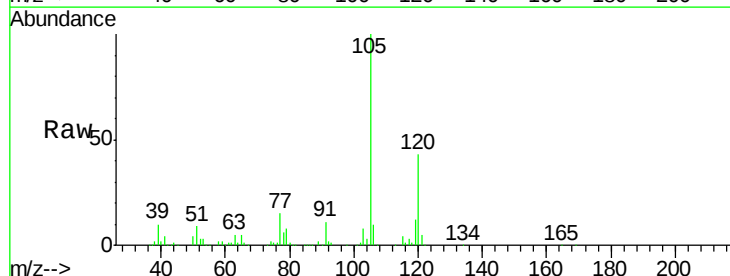
Instrument :  
 MSVOA\_F  
 ClientSampleId :

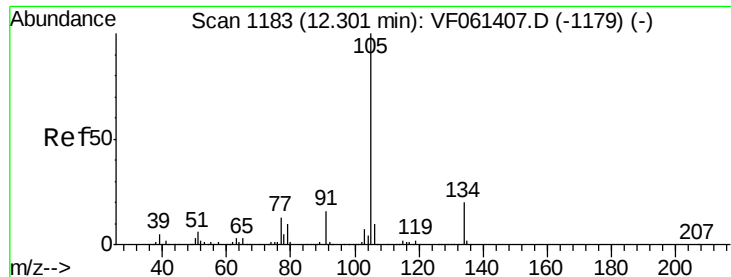
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 119     | 100   |       |       |
| 91      | 62.2  | 31.3  | 93.8  |
| 134     | 24.0  | 12.4  | 37.0  |



#84  
 1,2,4-Trimethylbenzene  
 Concen: 22.487 ug/l  
 RT: 12.19 min Scan# 1172  
 Delta R.T. -0.02 min  
 Lab File: VF061584.D  
 Acq: 11 Feb 2019 14:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 105     | 100   |       |       |
| 120     | 43.4  | 24.9  | 74.6  |





#85

sec-Butylbenzene

Concen: 22.807 ug/l

RT: 12.30 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Instrument :

MSVOA\_F

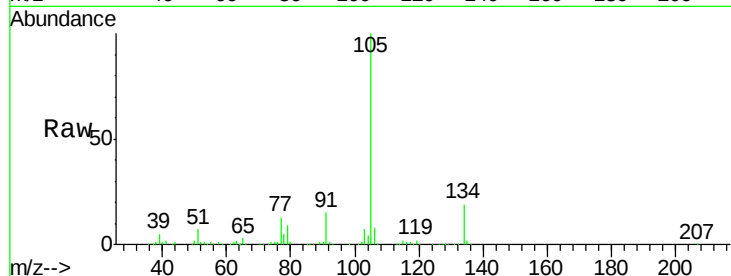
ClientSampled :

Tot Ion:105 Resp: 273077

Ion Ratio Lower Upper

105 100

134 18.9 10.0 30.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

200000

150000

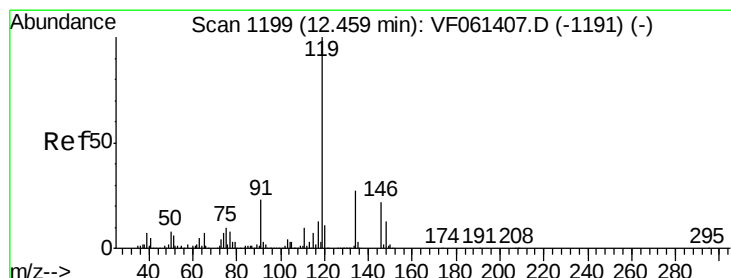
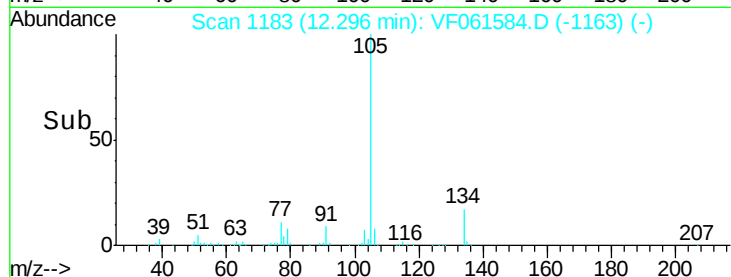
100000

50000

0

12.20 12.30 12.40

Time-->



#86

p-Isopropyltoluene

Concen: 23.577 ug/l

RT: 12.44 min Scan# 1198

Delta R.T. -0.02 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

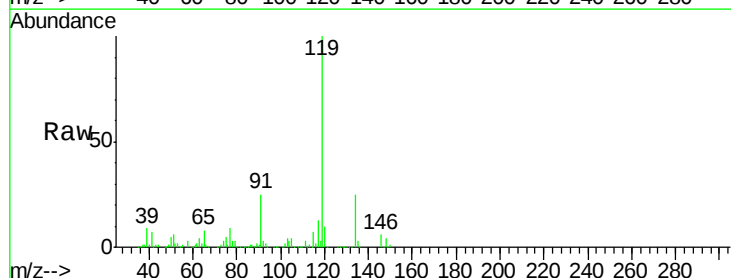
Tgt Ion:119 Resp: 231738

Ion Ratio Lower Upper

119 100

134 25.0 13.4 40.2

91 25.3 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

200000

150000

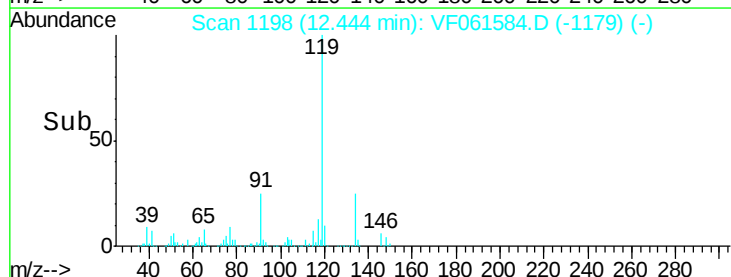
100000

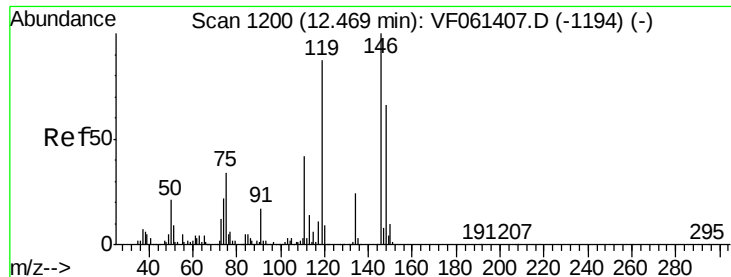
50000

0

12.40 12.50

Time-->





#87

1,3-Dichlorobenzene

Concen: 21.268 ug/l

RT: 12.46 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Instrument :

MSVOA\_F

ClientSampleId :

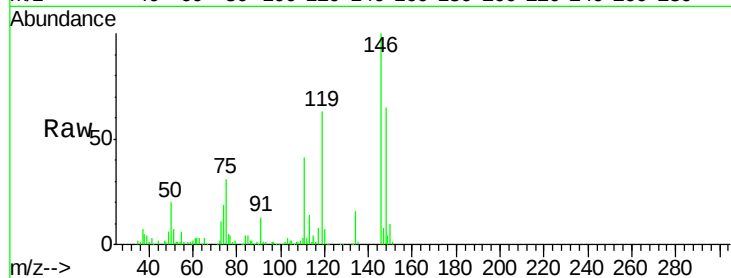
Tot Ion:146 Resp: 99463

Ion Ratio Lower Upper

146 100

111 41.3 21.1 63.4

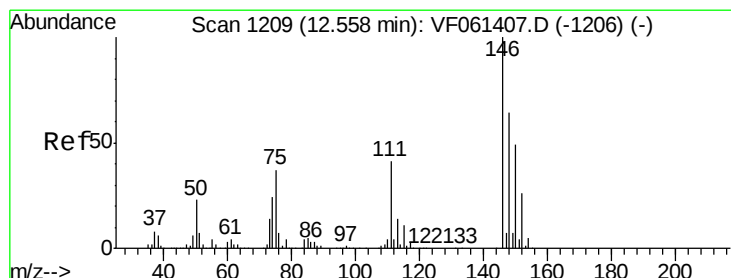
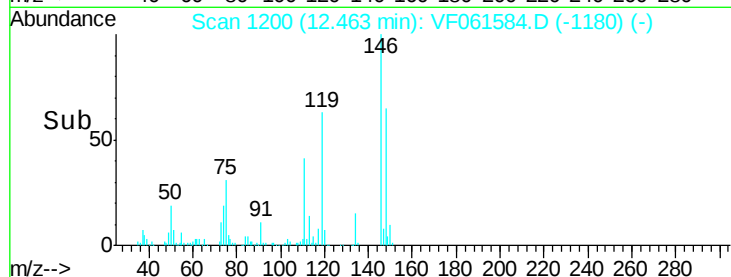
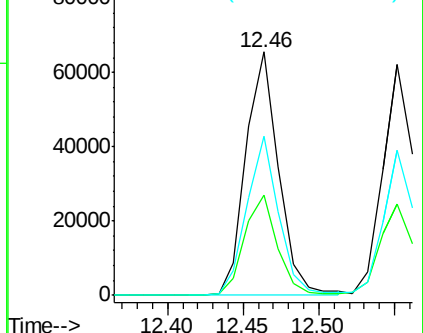
148 65.1 32.9 98.6



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,4-Dichlorobenzene

Concen: 22.084 ug/l

RT: 12.55 min Scan# 1209

Delta R.T. -0.01 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

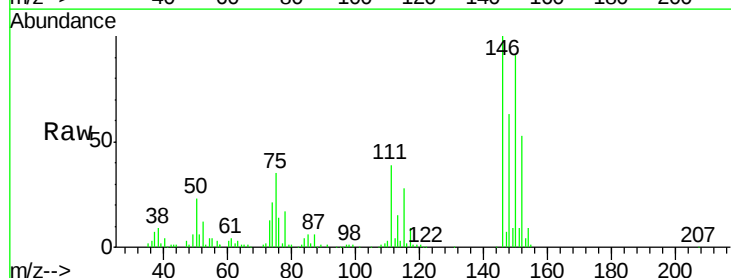
Tgt Ion:146 Resp: 93027

Ion Ratio Lower Upper

146 100

111 39.4 20.8 62.2

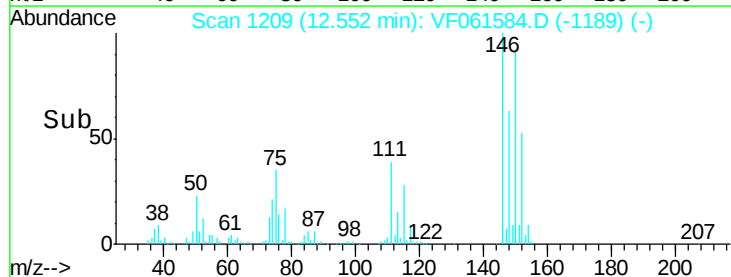
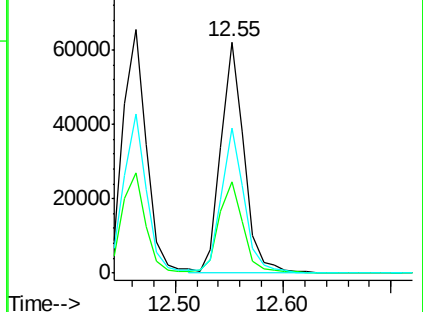
148 62.7 32.1 96.5

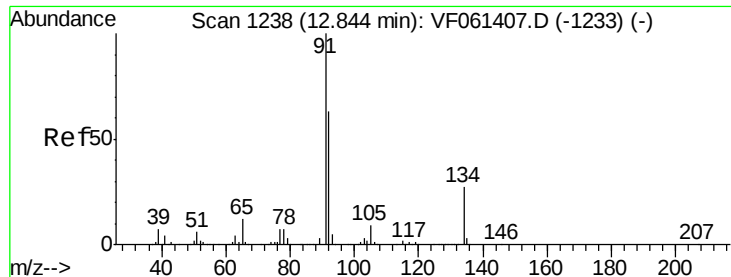


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V





#89

n-Butylbenzene

Concen: 22.991 ug/l

RT: 12.83 min Scan# 1237

Delta R.T. -0.02 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Instrument :

MSVOA\_F

ClientSampled :

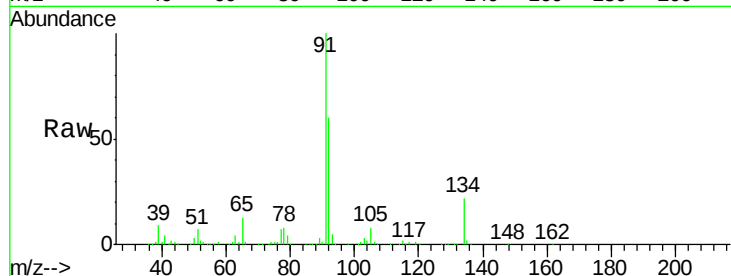
Tot Ion: 91 Resp: 233054

Ion Ratio Lower Upper

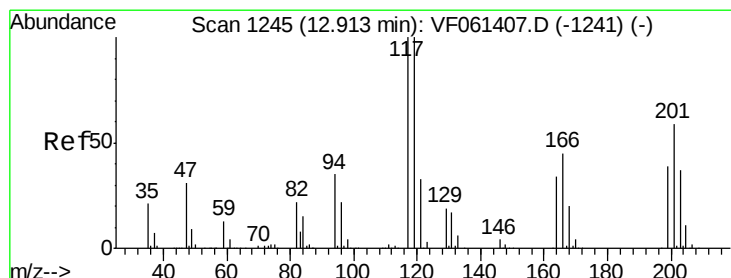
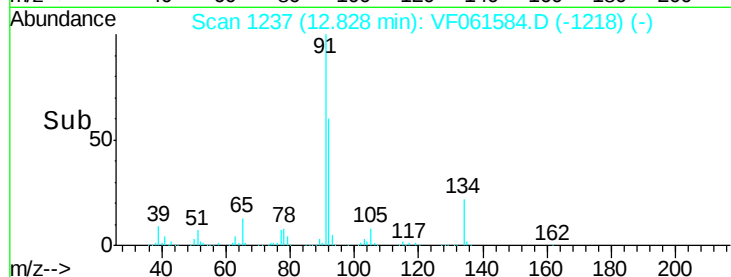
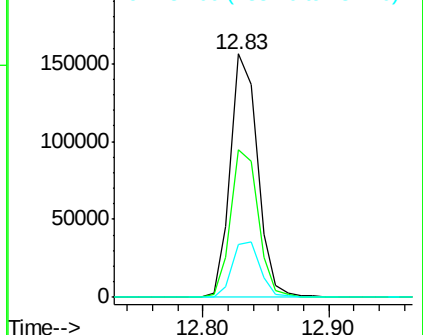
91 100

92 60.5 31.6 94.7

134 21.8 13.6 40.8



Abundance Ion 91.00 (90.70 to 91.70): VF0  
Ion 92.00 (91.70 to 92.70): VF0  
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 23.296 ug/l

RT: 12.91 min Scan# 1245

Delta R.T. -0.01 min

Lab File: VF061584.D

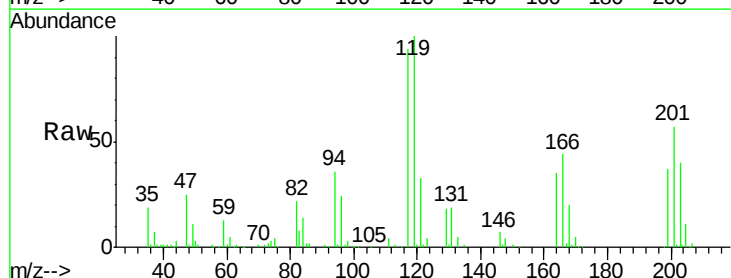
Acq: 11 Feb 2019 14:20

Tgt Ion: 117 Resp: 53975

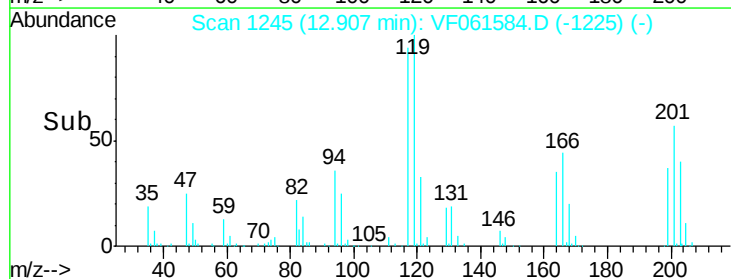
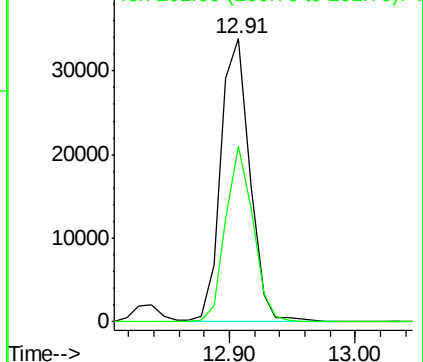
Ion Ratio Lower Upper

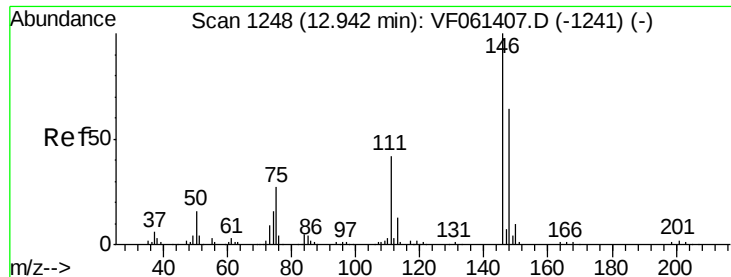
117 100

201 62.1 29.3 87.8



Abundance Ion 117.00 (116.70 to 117.70): V  
Ion 201.00 (200.70 to 201.70): V





#91

1,2-Dichlorobenzene

Concen: 21.215 ug/l

RT: 12.93 min Scan# 1247

Delta R.T. -0.02 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

Instrument :

MSVOA\_F

ClientSampleId :

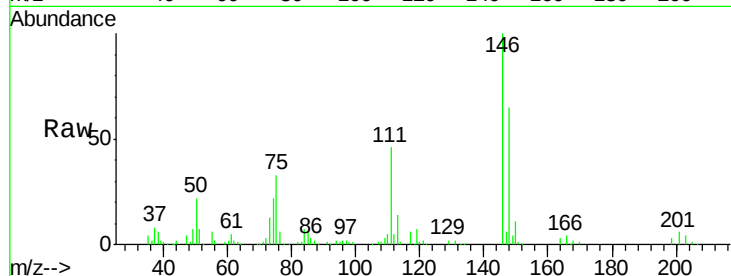
Tot Ion:146 Resp: 88470

Ion Ratio Lower Upper

146 100

111 46.2 21.1 63.3

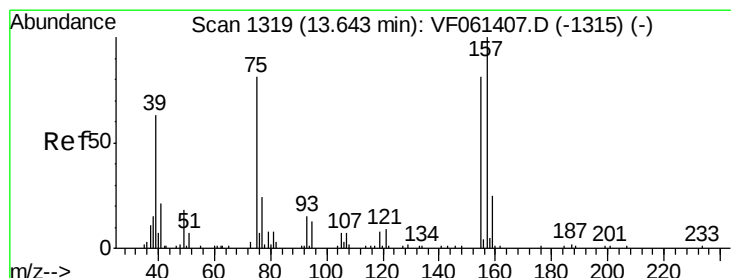
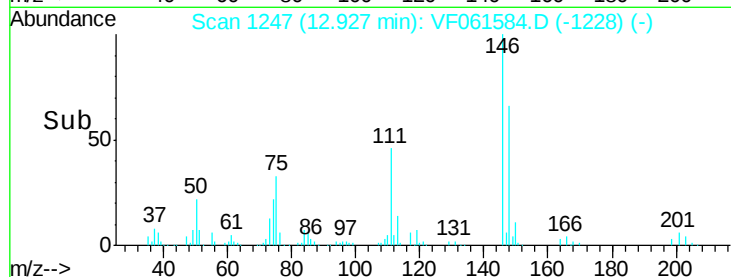
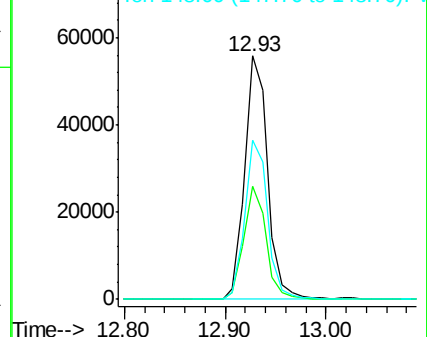
148 65.4 31.9 95.7



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.241 ug/l

RT: 13.63 min Scan# 1318

Delta R.T. -0.02 min

Lab File: VF061584.D

Acq: 11 Feb 2019 14:20

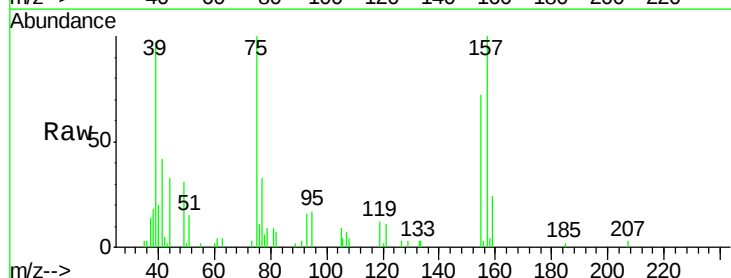
Tgt Ion: 75 Resp: 6751

Ion Ratio Lower Upper

75 100

155 71.7 49.7 149.1

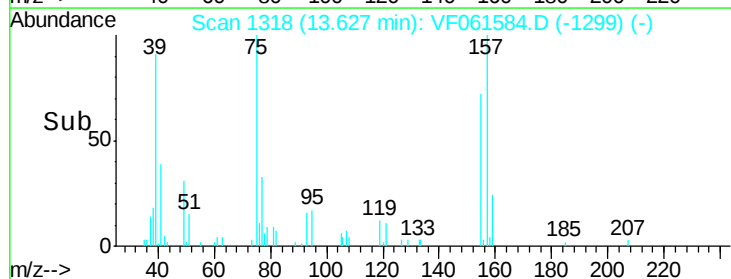
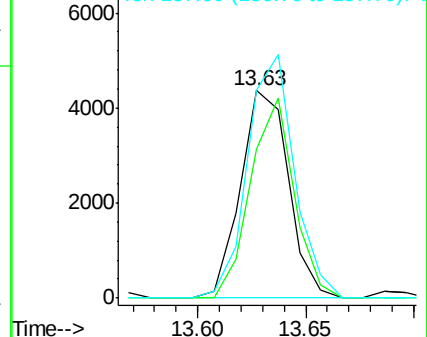
157 99.9 61.4 184.1

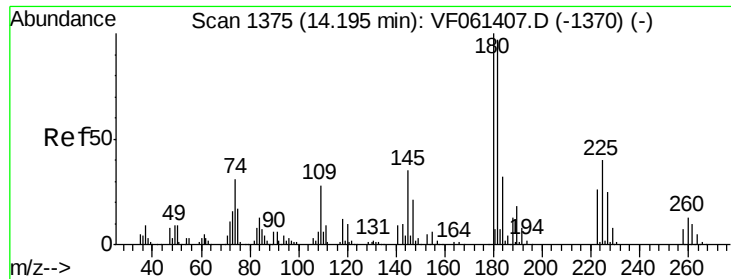


Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 155.00 (154.70 to 155.70): V

Ion 157.00 (156.70 to 157.70): V

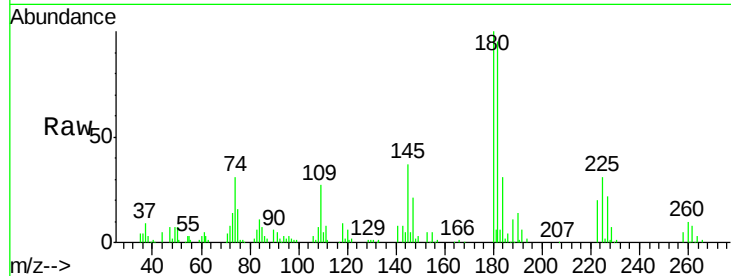




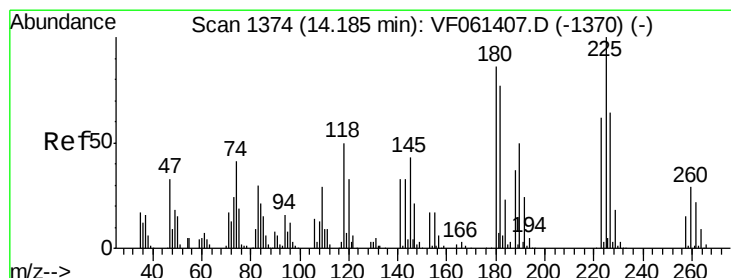
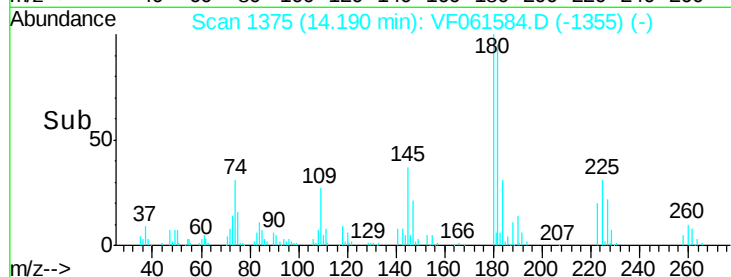
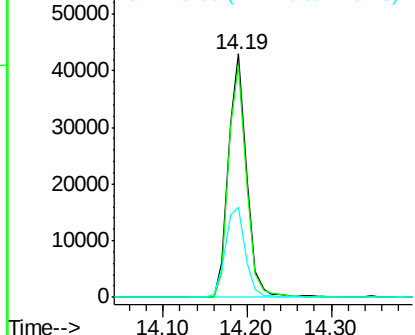
#93  
 1,2,4-Trichlorobenzene  
 Concen: 22.067 ug/l  
 RT: 14.19 min Scan# 1375  
 Delta R.T. -0.01 min  
 Lab File: VF061584.D  
 Acq: 11 Feb 2019 14:20

Instrument :  
 MSVOA\_F  
 ClientSampled :

Tot Ion:180 Resp: 64465  
 Ion Ratio Lower Upper  
 180 100  
 182 95.2 48.5 145.6  
 145 36.8 17.5 52.6

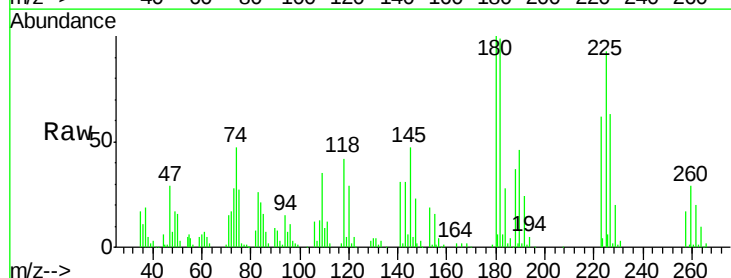


Abundance Ion 180.00 (179.70 to 180.70): V  
 Ion 182.00 (181.70 to 182.70): V  
 Ion 145.00 (144.70 to 145.70): V

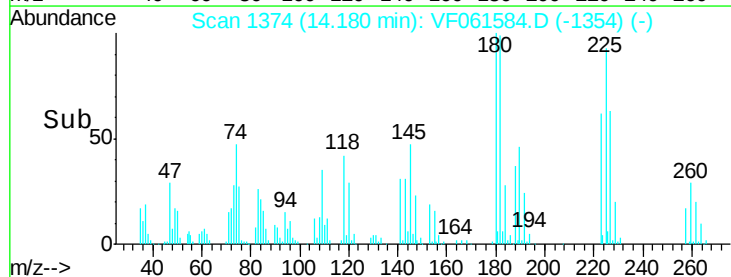
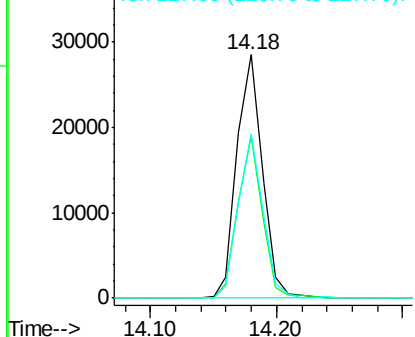


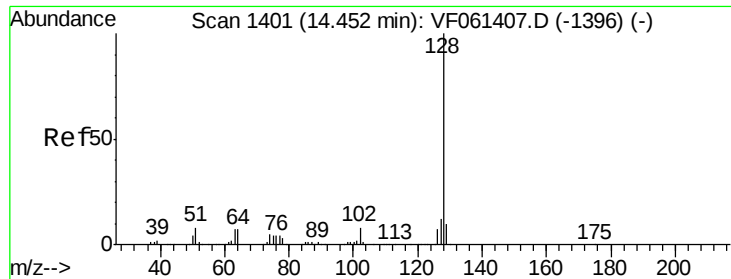
#94  
 Hexachlorobutadiene  
 Concen: 22.016 ug/l  
 RT: 14.18 min Scan# 1374  
 Delta R.T. -0.01 min  
 Lab File: VF061584.D  
 Acq: 11 Feb 2019 14:20

Tgt Ion:225 Resp: 39909  
 Ion Ratio Lower Upper  
 225 100  
 223 66.5 31.1 93.2  
 227 67.7 32.2 96.6



Abundance Ion 225.00 (224.70 to 225.70): V  
 Ion 223.00 (222.70 to 223.70): V  
 Ion 227.00 (226.70 to 227.70): V

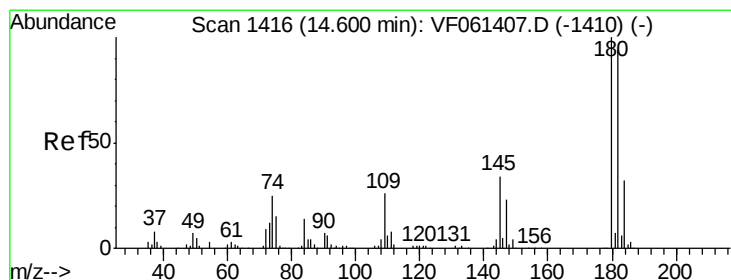
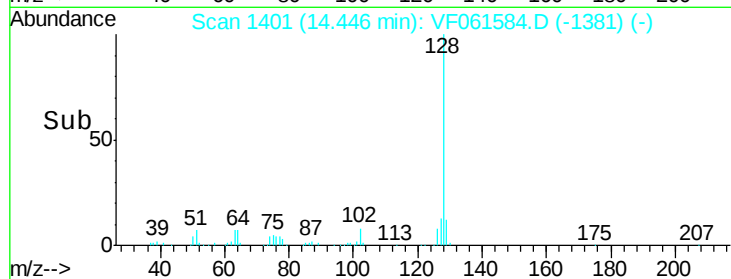
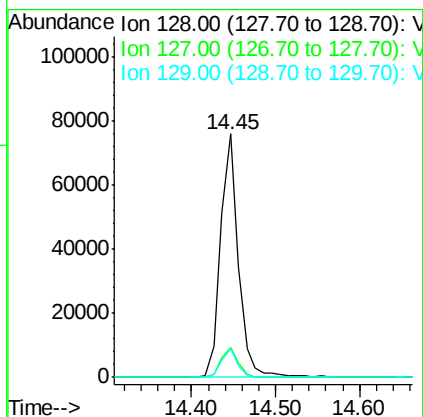
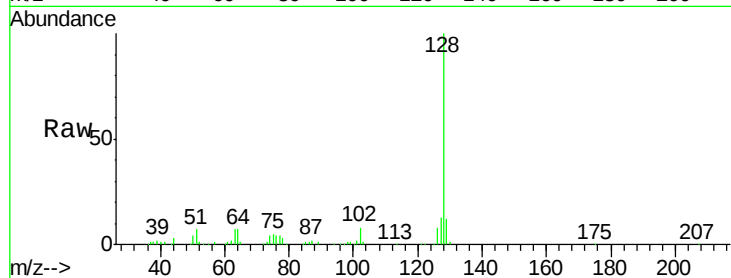




#95  
Naphthalene  
Concen: 20.151 ug/l  
RT: 14.45 min Scan# 1401  
Delta R.T. -0.01 min  
Lab File: VF061584.D  
Acq: 11 Feb 2019 14:20

Instrument :  
MSVOA\_F  
ClientSampleId :

Tot Ion:128 Resp: 111845  
Ion Ratio Lower Upper  
128 100  
127 12.5 9.5 14.3  
129 11.9 8.4 12.6



#96  
1,2,3-Trichlorobenzene  
Concen: 22.629 ug/l  
RT: 14.59 min Scan# 1416  
Delta R.T. -0.01 min  
Lab File: VF061584.D  
Acq: 11 Feb 2019 14:20

Tgt Ion:180 Resp: 61195  
Ion Ratio Lower Upper  
180 100  
182 97.8 47.0 141.2  
145 34.6 17.1 51.2

