

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_F\DATA\VF041919\  
 Data File : VF062224.D  
 Acq On : 19 Apr 2019 14:51  
 Operator : FY/SY  
 Sample : VF0419SBS01  
 Misc : 5.00g/5mL/MSVOA\_F/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0419SBS01

Quant Time: Apr 19 15:19:07 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82F041719S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 19 03:56:19 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.06  | 168  | 418122   | 50.00 | ug/l  | 0.03     |
| 34) 1,4-Difluorobenzene    | 5.78  | 114  | 604331   | 50.00 | ug/l  | 0.02     |
| 63) Chlorobenzene-d5       | 9.92  | 117  | 476705   | 50.00 | ug/l  | 0.03     |
| 72) 1,4-Dichlorobenzene-d4 | 12.62 | 152  | 273615   | 50.00 | ug/l  | 0.02     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 5.04  | 65   | 207054   | 54.01 | ug/l    | 0.03     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 108.02% |          |
| 35) Dibromofluoromethane    | 4.32  | 113  | 280054   | 52.98 | ug/l    | 0.03     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 105.96% |          |
| 50) Toluene-d8              | 7.72  | 98   | 714435   | 53.39 | ug/l    | 0.03     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 106.78% |          |
| 62) 4-Bromofluorobenzene    | 11.50 | 95   | 282394   | 54.86 | ug/l    | 0.02     |
| Spiked Amount 50.000        |       |      | Recovery | =     | 109.72% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.01 | 85   | 133138   | 20.953  | ug/l   | 95     |
| 3) Chloromethane              | 1.16 | 50   | 121707   | 18.531  | ug/l   | 96     |
| 4) Vinyl Chloride             | 1.20 | 62   | 108090   | 19.156  | ug/l   | 93     |
| 5) Bromomethane               | 1.40 | 94   | 65038    | 19.842  | ug/l   | 91     |
| 6) Chloroethane               | 1.45 | 64   | 41624    | 17.646  | ug/l   | 97     |
| 7) Trichlorofluoromethane     | 1.56 | 101  | 149764   | 20.893  | ug/l   | 96     |
| 8) Diethyl Ether              | 1.72 | 74   | 29512    | 19.781  | ug/l   | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 1.91 | 101  | 100144   | 20.450  | ug/l   | 97     |
| 10) Methyl Iodide             | 1.99 | 142  | 175561   | 20.181  | ug/l # | 89     |
| 11) Tert butyl alcohol        | 2.72 | 59   | 27179    | 101.984 | ug/l # | 81     |
| 12) 1,1-Dichloroethene        | 1.88 | 96   | 87772    | 18.844  | ug/l   | 99     |
| 13) Acrolein                  | 2.11 | 56   | 14100    | 100.778 | ug/l # | 65     |
| 14) Allyl chloride            | 2.20 | 41   | 100879   | 18.872  | ug/l   | 95     |
| 15) Acrylonitrile             | 3.10 | 53   | 77395    | 95.349  | ug/l   | 100    |
| 16) Acetone                   | 2.36 | 43   | 85131    | 92.895  | ug/l   | 98     |
| 17) Carbon Disulfide          | 1.93 | 76   | 202080   | 15.613  | ug/l   | 99     |
| 18) Methyl Acetate            | 2.47 | 43   | 42313    | 17.659  | ug/l   | 93     |
| 19) Methyl tert-butyl Ether   | 2.56 | 73   | 164370   | 19.988  | ug/l   | 96     |
| 20) Methylene Chloride        | 2.34 | 84   | 105790   | 19.711  | ug/l   | 92     |
| 21) trans-1,2-Dichloroethene  | 2.43 | 96   | 88337    | 19.178  | ug/l   | 95     |
| 22) Diisopropyl ether         | 2.95 | 45   | 269864   | 19.736  | ug/l   | 98     |
| 23) Vinyl Acetate             | 3.36 | 43   | 654290   | 100.434 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 3.02 | 63   | 154944   | 20.715  | ug/l   | 98     |
| 25) 2-Butanone                | 4.54 | 43   | 174232   | 95.083  | ug/l   | 97     |
| 26) 2,2-Dichloropropane       | 3.79 | 77   | 74330    | 19.683  | ug/l   | 96     |
| 27) cis-1,2-Dichloroethene    | 3.66 | 96   | 118933   | 19.939  | ug/l   | 98     |
| 28) Bromochloromethane        | 3.92 | 49   | 70506    | 19.678  | ug/l # | 91     |
| 29) Tetrahydrofuran           | 4.28 | 42   | 78280    | 94.380  | ug/l   | 98     |
| 30) Chloroform                | 4.07 | 83   | 189770   | 20.644  | ug/l   | 98     |
| 31) Cyclohexane               | 3.90 | 56   | 164043   | 18.301  | ug/l   | 99     |
| 32) 1,1,1-Trichloroethane     | 4.29 | 97   | 146989   | 21.845  | ug/l # | 90     |
| 36) 1,1-Dichloropropene       | 4.49 | 75   | 141333   | 19.506  | ug/l   | 99     |
| 37) Ethyl Acetate             | 4.32 | 43   | 65215    | 19.074  | ug/l # | 97     |
| 38) Carbon Tetrachloride      | 4.20 | 117  | 169259   | 26.392  | ug/l   | 95     |

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 Sample : VF0419SBS01  
 Misc : 5.00g/5mL/MSVOA\_F/SOIL  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleID :  
 VF0419SBS01

Quant Time: Apr 19 15:19:07 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82F041719S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Apr 19 03:56:19 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 5.65  | 83   | 171831   | 19.807  | ug/l   | 95       |
| 40) Benzene                    | 4.84  | 78   | 392724   | 20.664  | ug/l   | 98       |
| 41) Methacrylonitrile          | 4.95  | 41   | 39234    | 19.894  | ug/l   | 95       |
| 42) 1,2-Dichloroethane         | 5.14  | 62   | 103513   | 20.603  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 7.13  | 43   | 69781    | 19.405  | ug/l   | 99       |
| 44) Trichloroethene            | 5.69  | 130  | 110733   | 21.562  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 6.42  | 63   | 83953    | 20.054  | ug/l   | 97       |
| 46) Dibromomethane             | 6.28  | 93   | 57858    | 20.773  | ug/l   | 93       |
| 47) Bromodichloromethane       | 6.56  | 83   | 130831   | 20.816  | ug/l # | 98       |
| 48) Methyl methacrylate        | 6.90  | 41   | 45124    | 19.094  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 6.90  | 88   | 10026    | 369.926 | ug/l # | 78       |
| 51) 4-Methyl-2-Pentanone       | 8.41  | 43   | 264016   | 98.710  | ug/l   | 100      |
| 52) Toluene                    | 7.79  | 92   | 201584   | 20.122  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene      | 8.43  | 75   | 101593   | 21.520  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 7.47  | 75   | 128804   | 20.171  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 8.65  | 97   | 58971    | 21.013  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 8.77  | 69   | 65927    | 20.662  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.01  | 76   | 97130    | 21.433  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 7.46  | 63   | 98625    | 106.462 | ug/l   | 97       |
| 59) 2-Hexanone                 | 9.64  | 43   | 167031   | 100.226 | ug/l   | 100      |
| 60) Dibromochloromethane       | 8.87  | 129  | 93340    | 22.364  | ug/l   | 98       |
| 61) 1,2-Dibromoethane          | 9.14  | 107  | 70818    | 22.398  | ug/l   | 99       |
| 64) Tetrachloroethene          | 8.32  | 164  | 97128    | 22.571  | ug/l   | 98       |
| 65) Chlorobenzene              | 9.94  | 112  | 222302   | 21.870  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.07 | 131  | 100122   | 21.034  | ug/l   | 98       |
| 67) Ethyl Benzene              | 10.04 | 91   | 393193   | 21.273  | ug/l   | 97       |
| 68) m/p-Xylenes                | 10.27 | 106  | 292592   | 43.002  | ug/l   | 98       |
| 69) o-Xylene                   | 10.83 | 106  | 160604   | 21.259  | ug/l   | 96       |
| 70) Styrene                    | 10.90 | 104  | 238953   | 22.414  | ug/l   | 99       |
| 71) Bromoform                  | 10.89 | 173  | 58276    | 23.188  | ug/l # | 97       |
| 73) Isopropylbenzene           | 11.22 | 105  | 466783   | 19.860  | ug/l   | 100      |
| 74) N-amyl acetate             | 11.45 | 43   | 110701   | 18.465  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.78 | 83   | 77971    | 19.290  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.87 | 75   | 52900    | 19.022  | ug/l # | 64       |
| 77) Bromobenzene               | 11.59 | 156  | 108799   | 21.609  | ug/l   | 92       |
| 78) n-propylbenzene            | 11.68 | 91   | 485969   | 19.600  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.81 | 91   | 294325   | 19.569  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.90 | 105  | 396777   | 20.269  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.94 | 75   | 34515    | 24.336  | ug/l # | 86       |
| 82) 4-Chlorotoluene            | 11.98 | 91   | 297205   | 20.447  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 12.20 | 119  | 407997   | 20.154  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 12.28 | 105  | 368404   | 19.448  | ug/l   | 98       |
| 85) sec-Butylbenzene           | 12.38 | 105  | 530977   | 20.203  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.53 | 119  | 457819   | 20.535  | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.55 | 146  | 199717   | 21.375  | ug/l   | 97       |
| 88) 1,4-Dichlorobenzene        | 12.63 | 146  | 187971   | 20.857  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.90 | 91   | 436399   | 20.767  | ug/l   | 97       |
| 90) Hexachloroethane           | 12.98 | 117  | 115765   | 20.221  | ug/l   | 98       |
| 91) 1,2-Dichlorobenzene        | 13.01 | 146  | 188919   | 20.940  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.70 | 75   | 15585    | 19.625  | ug/l   | 97       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_F\DATA\VF041919\  
Data File : VF062224.D  
Acq On : 19 Apr 2019 14:51  
Operator : FY/SY  
Sample : VF0419SBSD01  
Misc : 5.00g/5mL/MSVOA\_F/SOIL  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0419SBSD01

Quant Time: Apr 19 15:19:07 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82F041719S.M  
Quant Title : SW846 8260  
QLast Update : Fri Apr 19 03:56:19 2019  
Response via : Initial Calibration

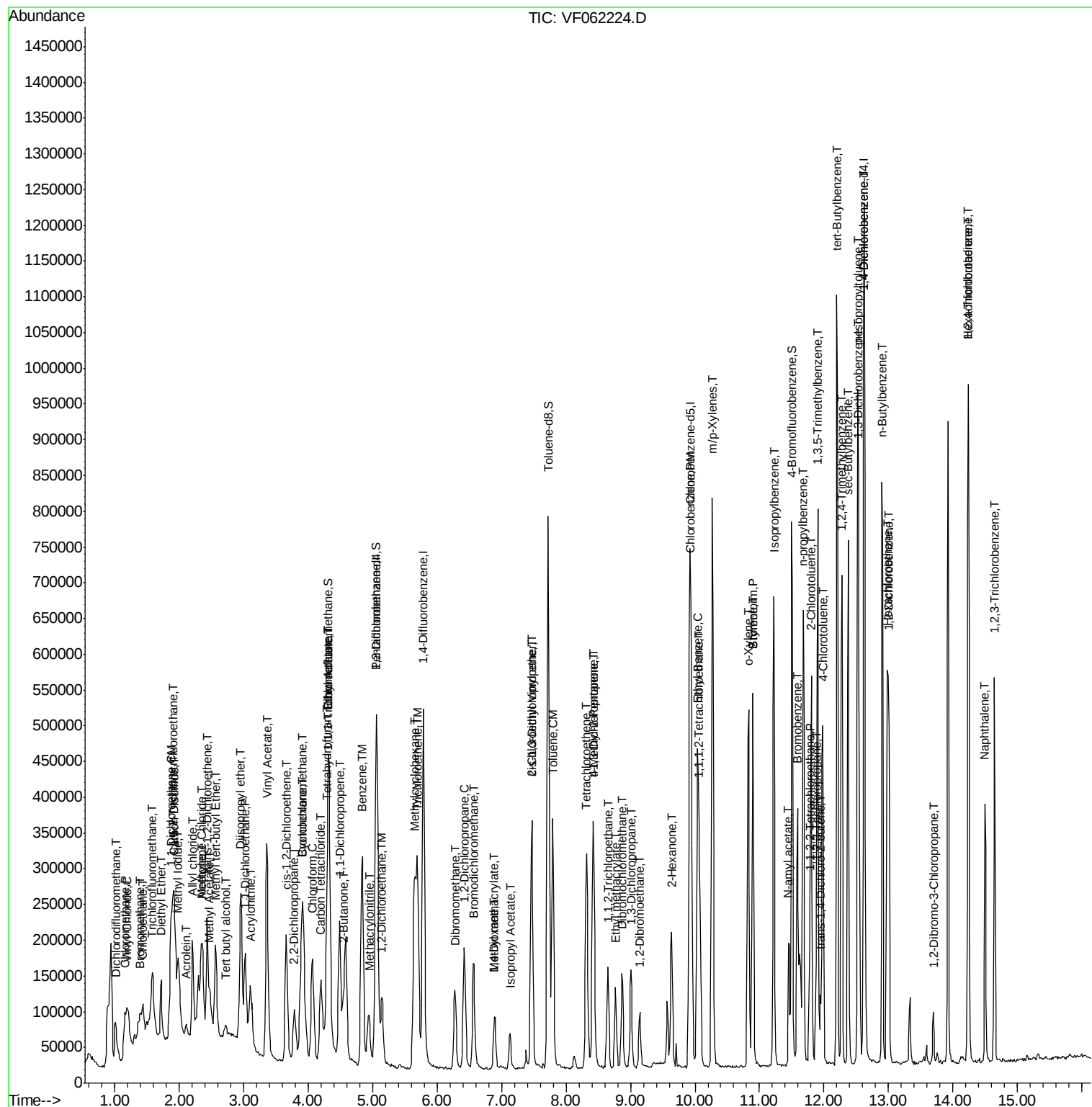
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.25 | 180  | 162412   | 21.516 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 14.23 | 225  | 111622   | 21.566 | ug/l  | 98       |
| 95) Naphthalene            | 14.50 | 128  | 256423   | 19.428 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.64 | 180  | 152575   | 21.054 | ug/l  | 99       |

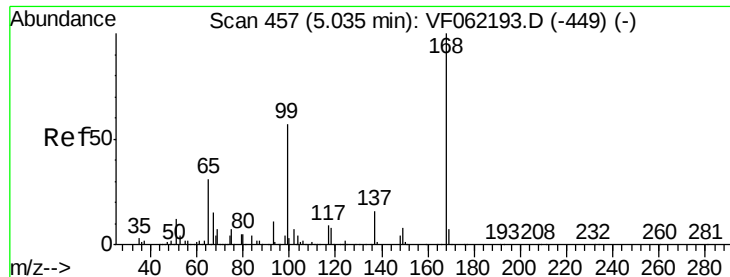
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA\_F\DATA\VF041919\  
 Data File : VF062224.D  
 Acq On : 19 Apr 2019 14:51  
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 Sample : VF0419SBSD01  
 Misc : 5.00g/5mL/MSVOA\_F/SOIL  
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Instrument :  
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 VF0419SBSD01

Quant Time: Apr 19 15:19:07 2019  
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 Quant Title : SW846 8260  
 QLast Update : Fri Apr 19 03:56:19 2019  
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.06 min Scan# 460

Delta R.T. 0.03 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Instrument :

MSVOA\_F

ClientSampleId :

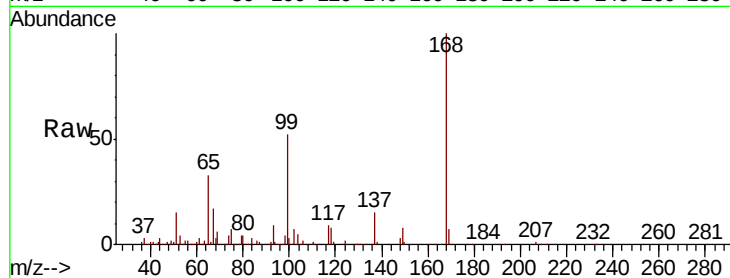
VF0419SBS01

Tgt Ion:168 Resp: 418122

Ion Ratio Lower Upper

168 100

99 51.7 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

5.06

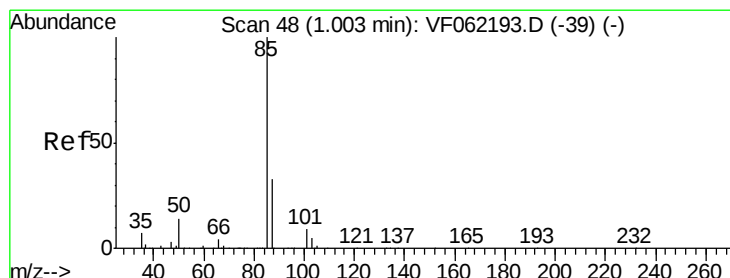
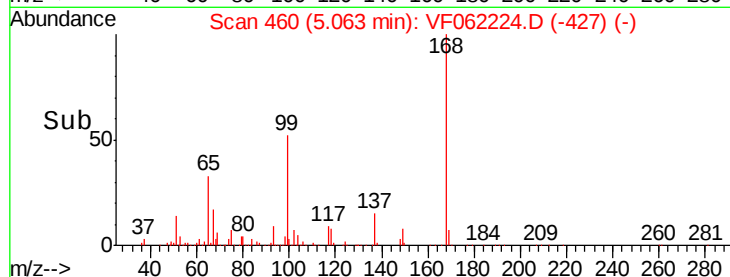
150000

100000

50000

0

Time--> 4.90 5.00 5.10 5.20



#2

Dichlorodifluoromethane

Concen: 20.953 ug/l

RT: 1.01 min Scan# 49

Delta R.T. 0.01 min

Lab File: VF062224.D

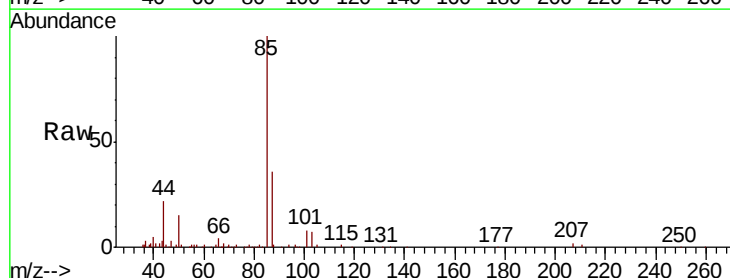
Acq: 19 Apr 2019 14:51

Tgt Ion: 85 Resp: 133138

Ion Ratio Lower Upper

85 100

87 35.7 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VF0

Ion 86.90 (86.60 to 87.60): VF0

1.01

40000

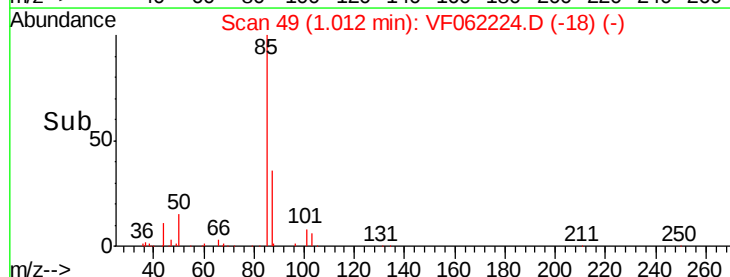
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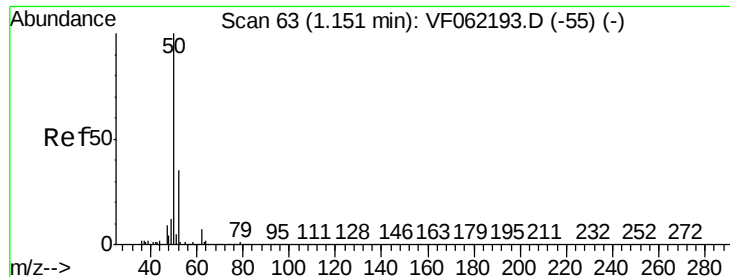
20000

10000

0

Time--> 1.00 1.20





#3

Chloromethane

Concen: 18.531 ug/l

RT: 1.16 min Scan# 64

Delta R.T. 0.01 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Instrument :

MSVOA\_F

ClientSampleId :

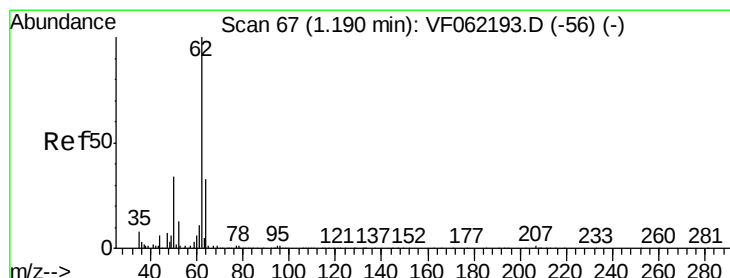
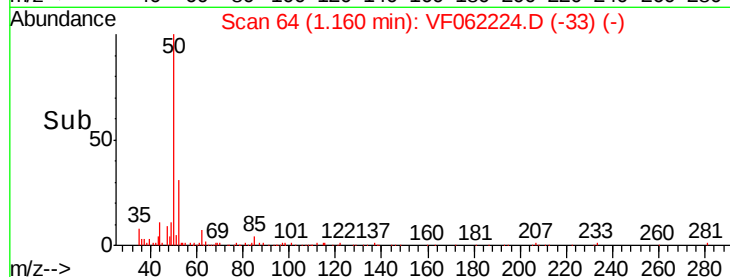
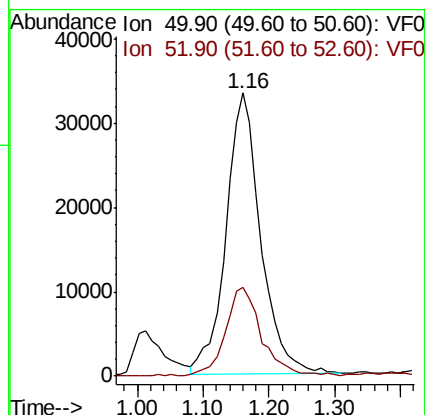
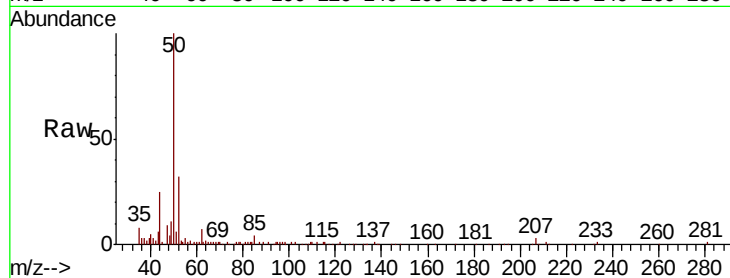
VF0419SBS01

Tgt Ion: 50 Resp: 121707

Ion Ratio Lower Upper

50 100

52 31.7 27.0 40.4



#4

Vinyl Chloride

Concen: 19.156 ug/l

RT: 1.20 min Scan# 68

Delta R.T. 0.01 min

Lab File: VF062224.D

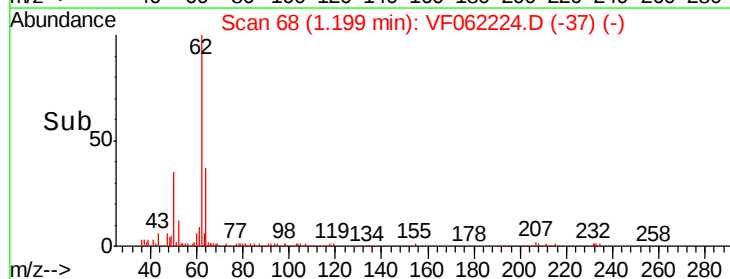
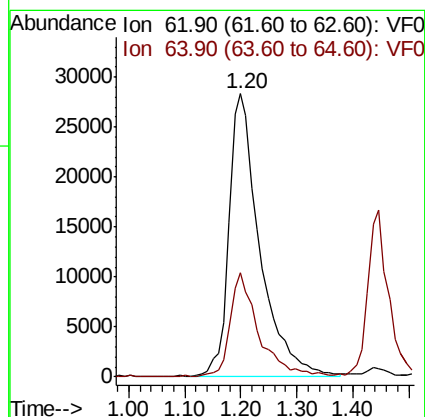
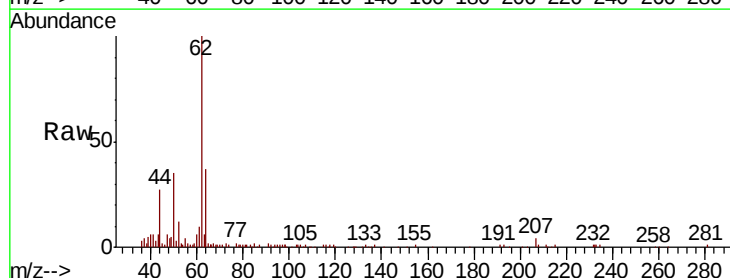
Acq: 19 Apr 2019 14:51

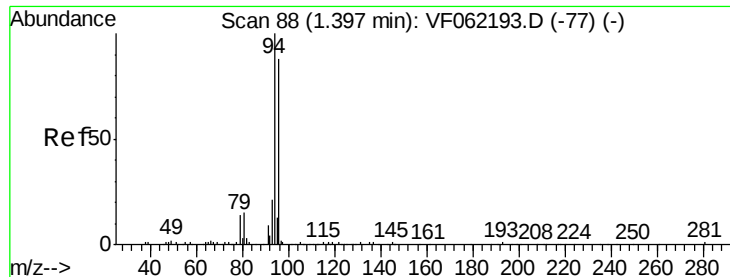
Tgt Ion: 62 Resp: 108090

Ion Ratio Lower Upper

62 100

64 36.9 26.2 39.4





#5

Bromomethane

Concen: 19.842 ug/l

RT: 1.40 min Scan# 88

Delta R.T. -0.00 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Instrument :

MSVOA\_F

ClientSampleId :

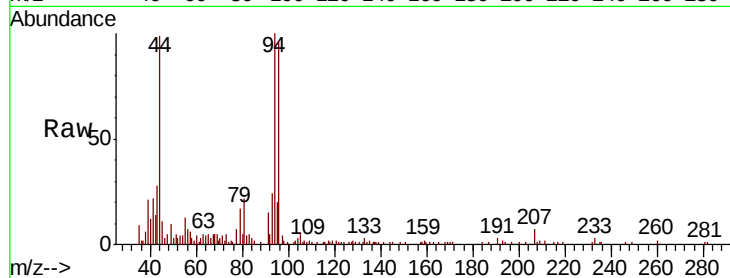
VF0419SBS01

Tgt Ion: 94 Resp: 65038

Ion Ratio Lower Upper

94 100

96 96.2 70.2 105.4



Abundance Ion 93.90 (93.60 to 94.60): VF0

Ion 95.90 (95.60 to 96.60): VF0

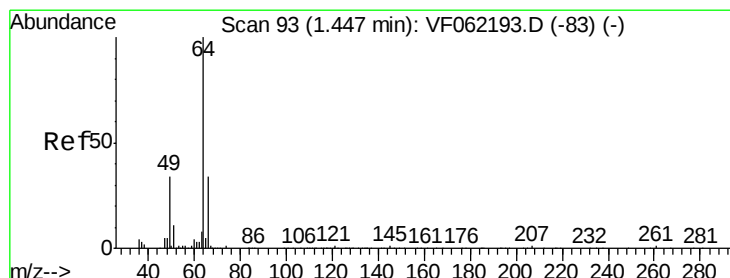
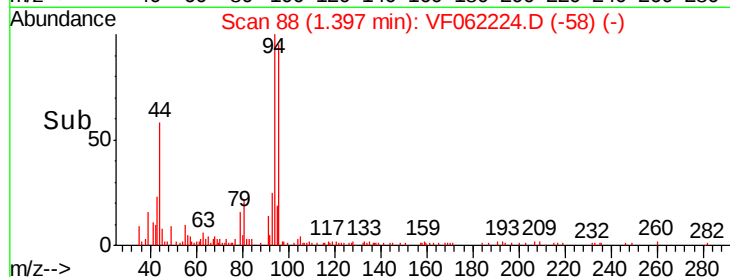
1.40

10000

5000

0

Time-->



#6

Chloroethane

Concen: 17.646 ug/l

RT: 1.45 min Scan# 93

Delta R.T. -0.00 min

Lab File: VF062224.D

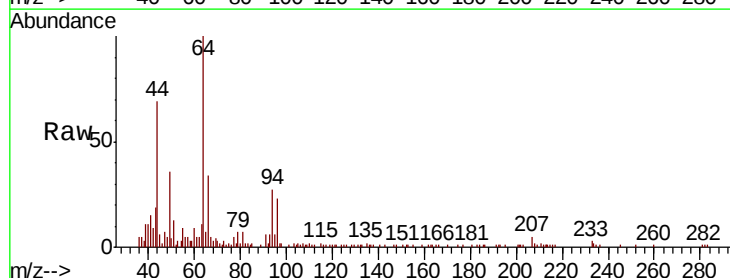
Acq: 19 Apr 2019 14:51

Tgt Ion: 64 Resp: 41624

Ion Ratio Lower Upper

64 100

66 32.2 27.0 40.4



Abundance Ion 63.90 (63.60 to 64.60): VF0

Ion 65.90 (65.60 to 66.60): VF0

1.45

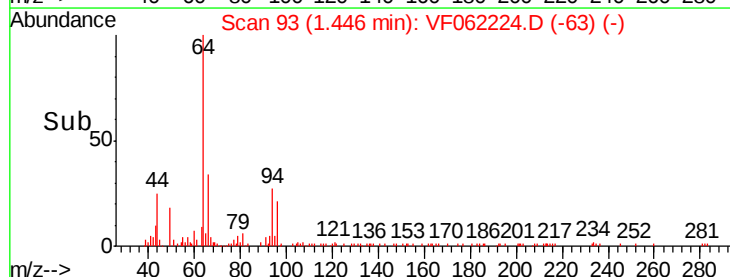
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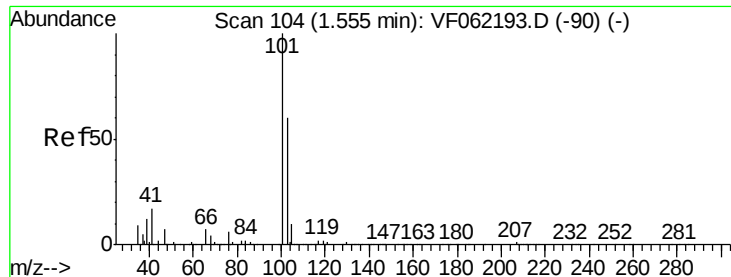
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5000

0

Time-->



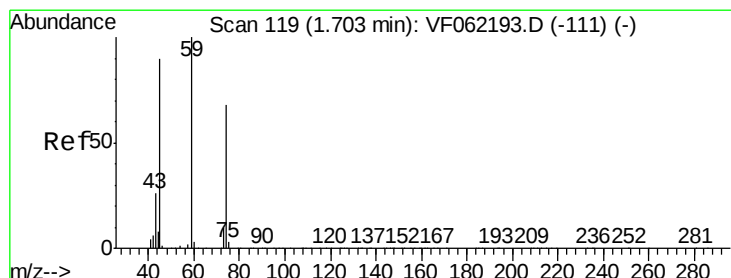
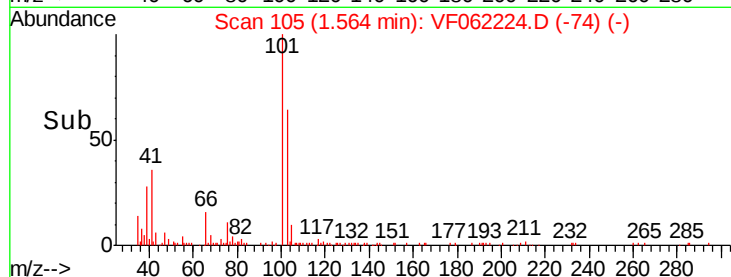
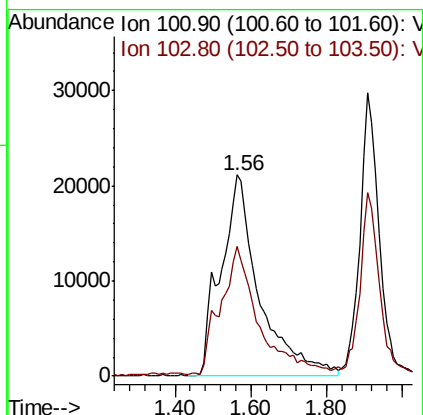
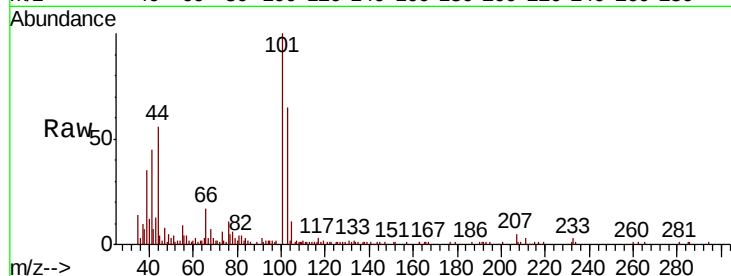


#7

Trichlorofluoromethane  
Concen: 20.893 ug/l  
RT: 1.56 min Scan# 105  
Delta R.T. 0.01 min  
Lab File: VF062224.D  
Acq: 19 Apr 2019 14:51

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0419SBSD01

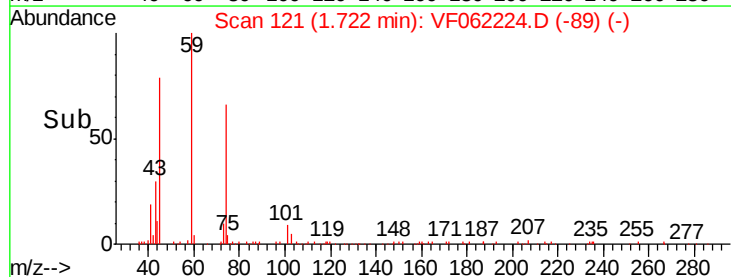
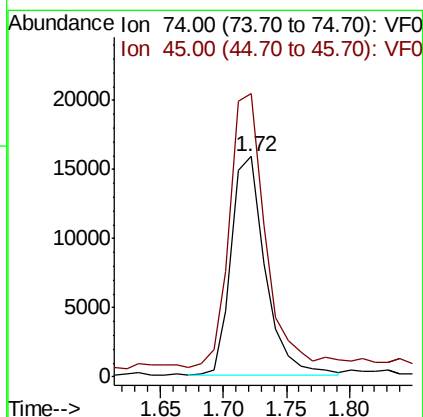
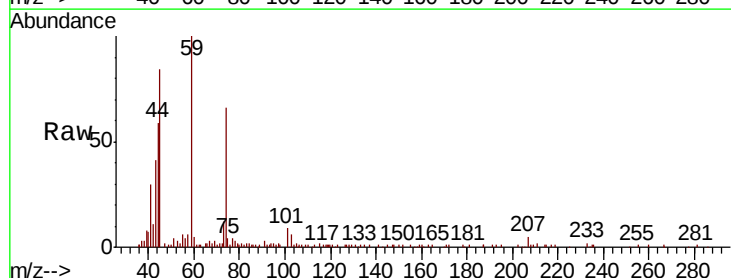
Tgt Ion:101 Resp: 149764  
Ion Ratio Lower Upper  
101 100  
103 63.5 48.2 72.4

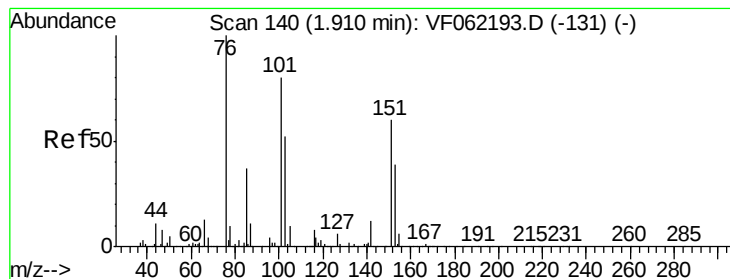


#8

Diethyl Ether  
Concen: 19.781 ug/l  
RT: 1.72 min Scan# 121  
Delta R.T. 0.02 min  
Lab File: VF062224.D  
Acq: 19 Apr 2019 14:51

Tgt Ion: 74 Resp: 29512  
Ion Ratio Lower Upper  
74 100  
45 137.7 70.0 210.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.450 ug/l

RT: 1.91 min Scan# 140

Delta R.T. -0.00 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Instrument :

MSVOA\_F

ClientSampleId :

VF0419SBS01

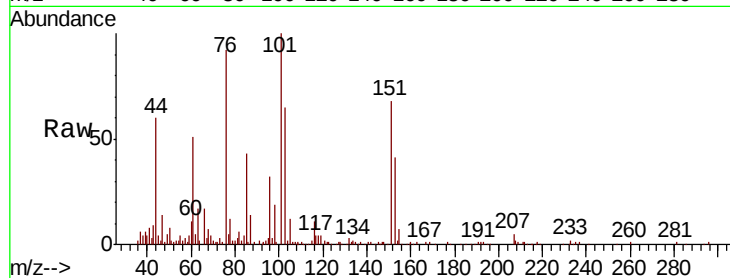
Tgt Ion:101 Resp: 100144

Ion Ratio Lower Upper

101 100

85 44.7 35.3 52.9

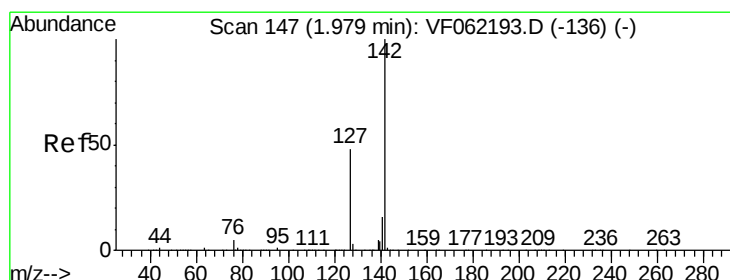
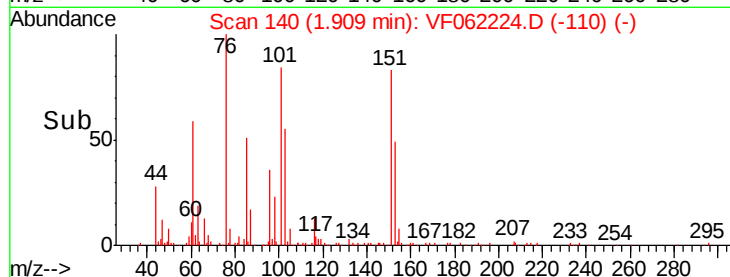
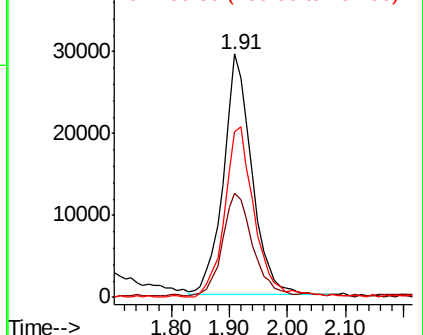
151 75.1 57.5 86.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VF0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 20.181 ug/l

RT: 1.99 min Scan# 148

Delta R.T. 0.01 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

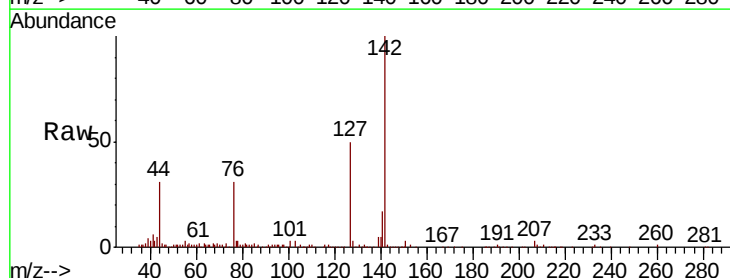
Tgt Ion:142 Resp: 175561

Ion Ratio Lower Upper

142 100

127 51.1 33.0 49.4#

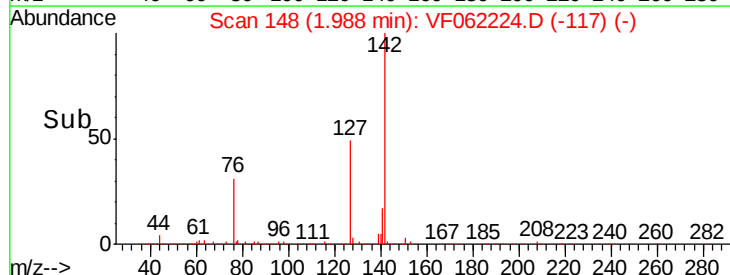
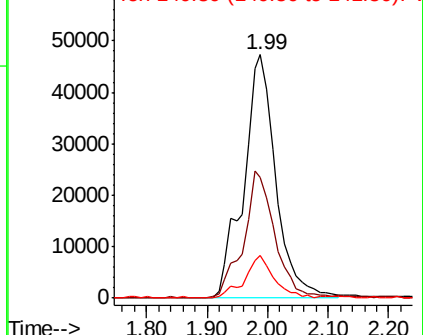
141 15.9 12.7 19.1

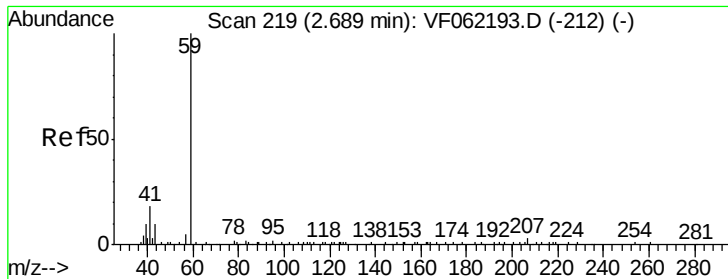


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

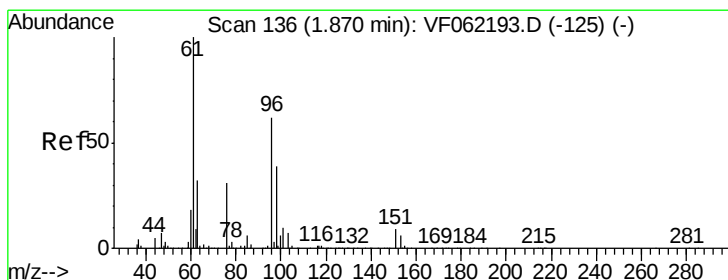
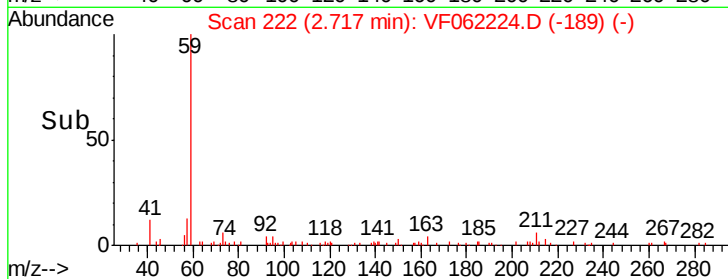
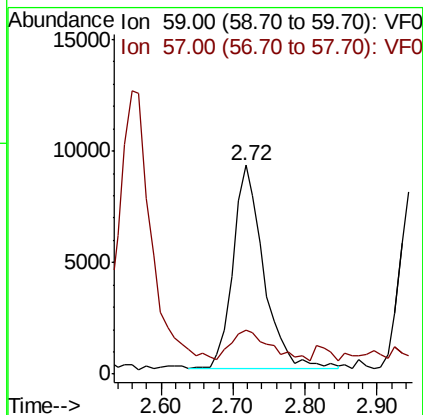
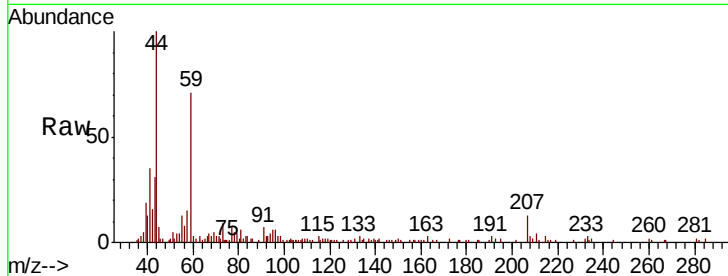




#11  
Tert butyl alcohol  
Concen: 101.984 ug/l  
RT: 2.72 min Scan# 222  
Delta R.T. 0.03 min  
Lab File: VF062224.D  
Acq: 19 Apr 2019 14:51

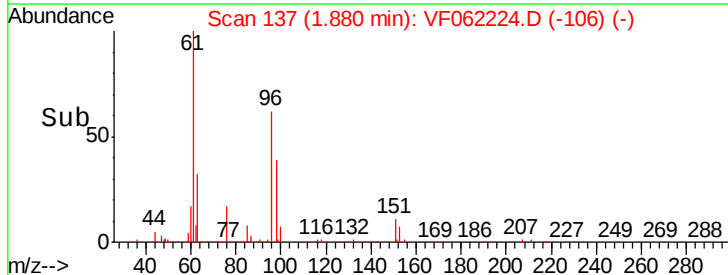
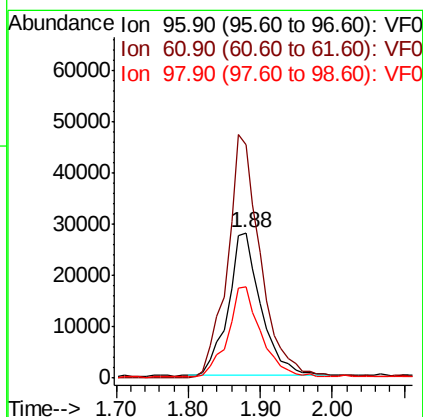
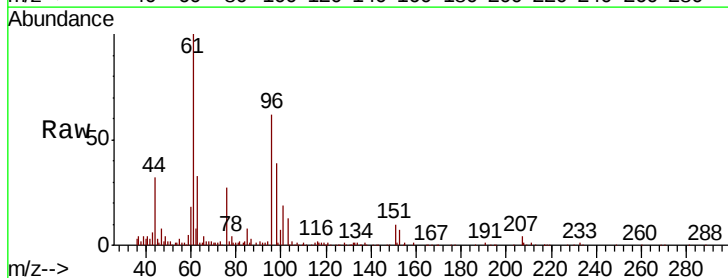
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0419SBS01

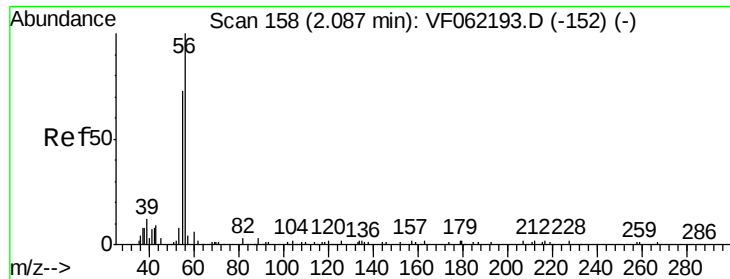
Tgt Ion: 59 Resp: 27179  
Ion Ratio Lower Upper  
59 100  
57 19.0 9.3 13.9#



#12  
1,1-Dichloroethene  
Concen: 18.844 ug/l  
RT: 1.88 min Scan# 137  
Delta R.T. 0.01 min  
Lab File: VF062224.D  
Acq: 19 Apr 2019 14:51

Tgt Ion: 96 Resp: 87772  
Ion Ratio Lower Upper  
96 100  
61 163.8 129.1 193.7  
98 63.0 50.0 75.0





#13

Acrolein

Concen: 100.778 ug/l

RT: 2.11 min Scan# 160

Delta R.T. 0.02 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Instrument :

MSVOA\_F

ClientSampleId :

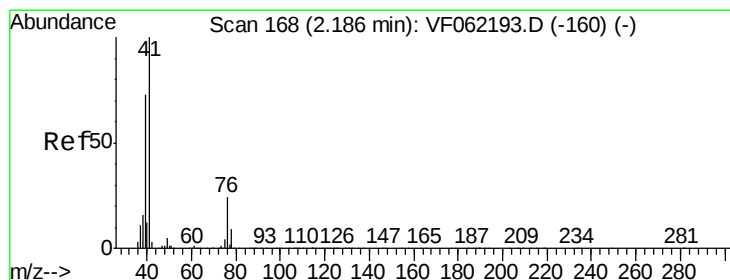
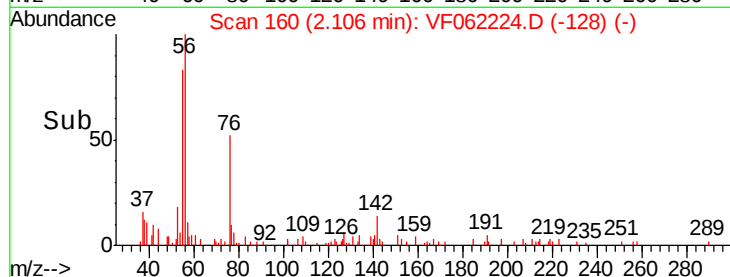
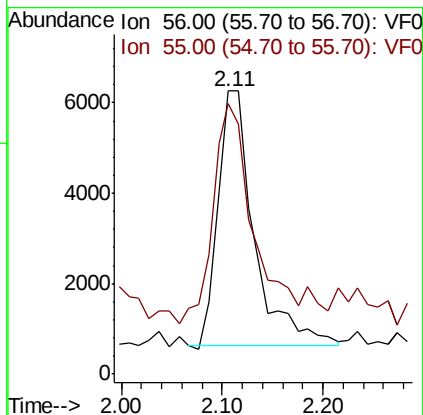
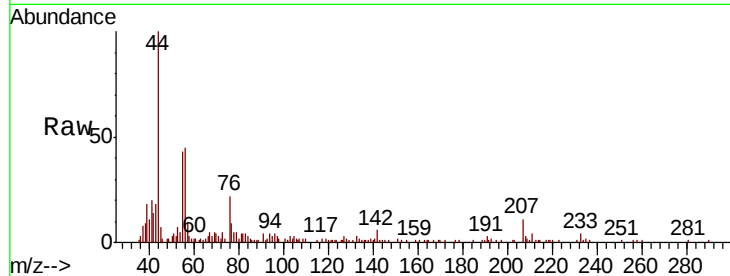
VF0419SBS01

Tgt Ion: 56 Resp: 14100

Ion Ratio Lower Upper

56 100

55 101.1 57.4 86.0#



#14

Allyl chloride

Concen: 18.872 ug/l

RT: 2.20 min Scan# 170

Delta R.T. 0.02 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

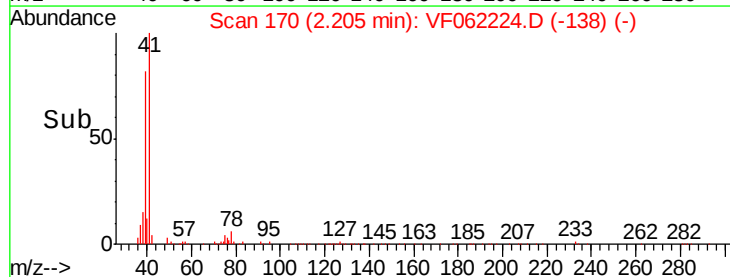
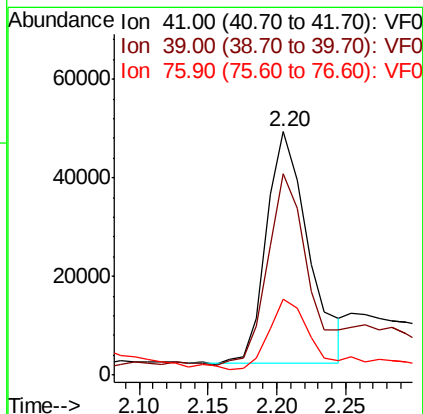
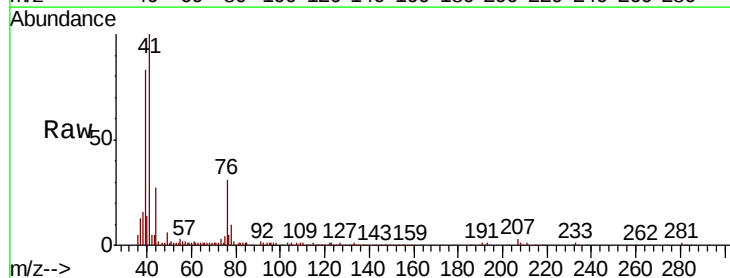
Tgt Ion: 41 Resp: 100879

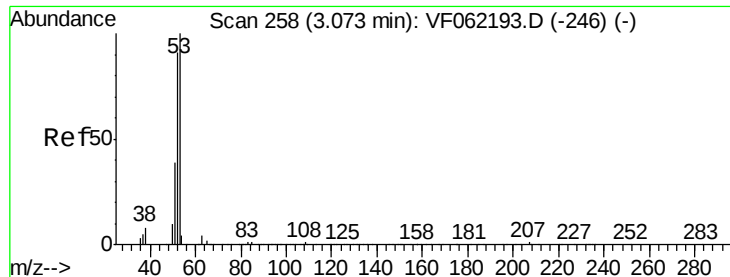
Ion Ratio Lower Upper

41 100

39 80.0 60.0 90.0

76 27.8 20.6 30.8





#15

Acrylonitrile

Concen: 95.349 ug/l

RT: 3.10 min Scan# 261

Delta R.T. 0.03 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Instrument :

MSVOA\_F

ClientSampleId :

VF0419SBS01

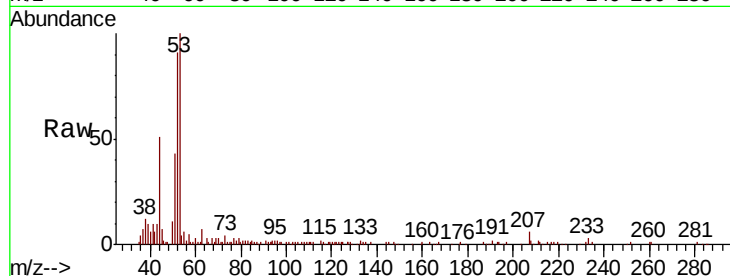
Tgt Ion: 53 Resp: 77395

Ion Ratio Lower Upper

53 100

52 86.8 69.5 104.3

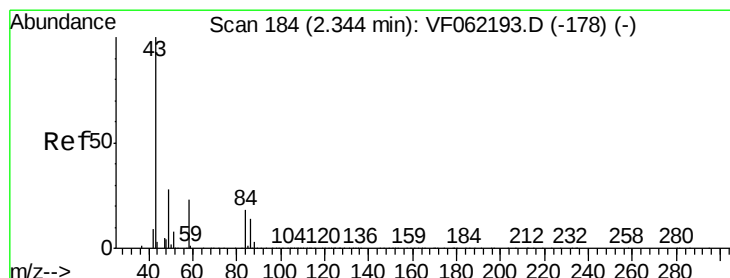
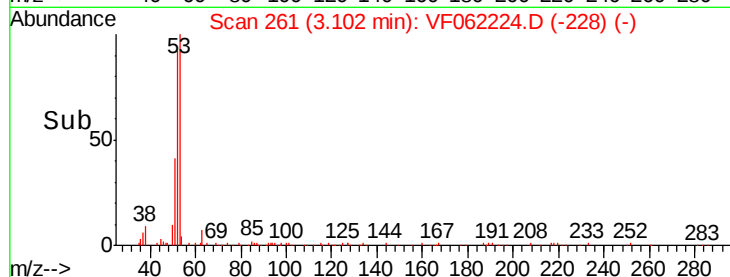
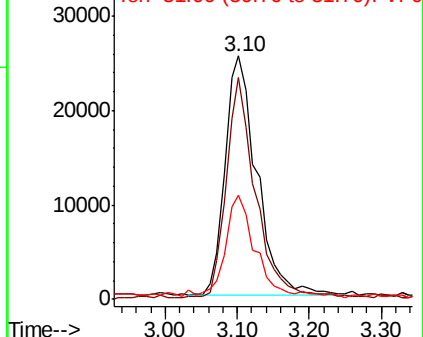
51 39.7 31.8 47.8



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: 92.895 ug/l

RT: 2.36 min Scan# 186

Delta R.T. 0.02 min

Lab File: VF062224.D

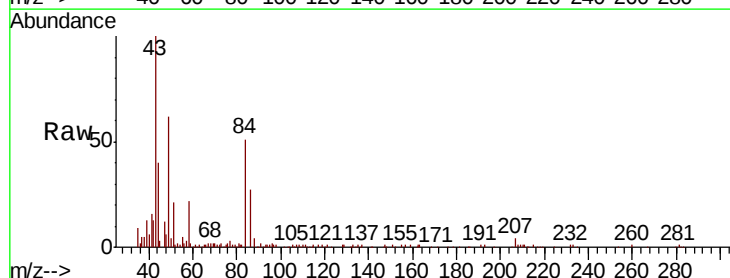
Acq: 19 Apr 2019 14:51

Tgt Ion: 43 Resp: 85131

Ion Ratio Lower Upper

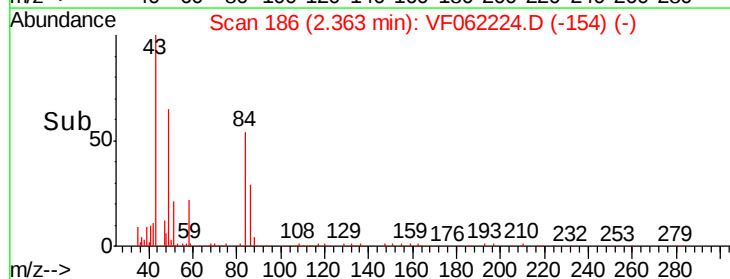
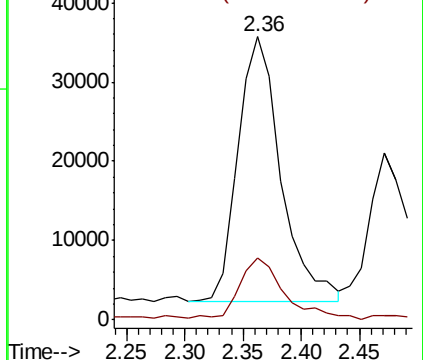
43 100

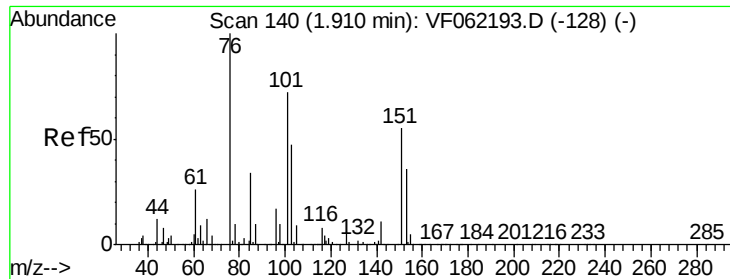
58 22.4 18.8 28.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

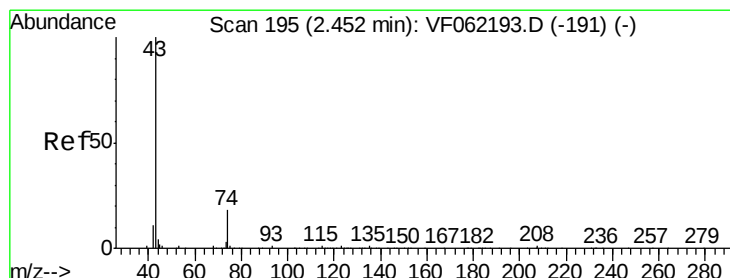
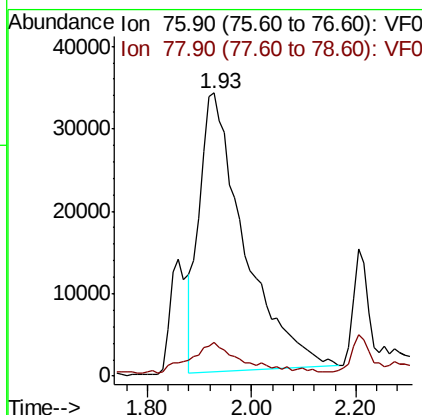
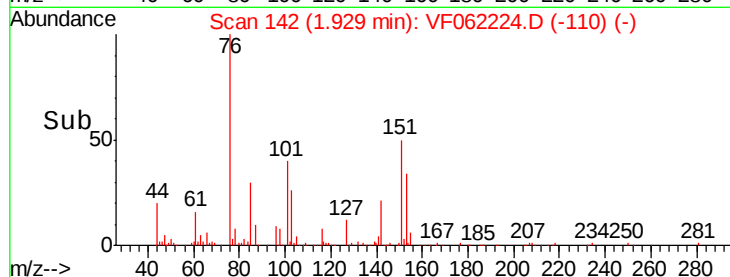
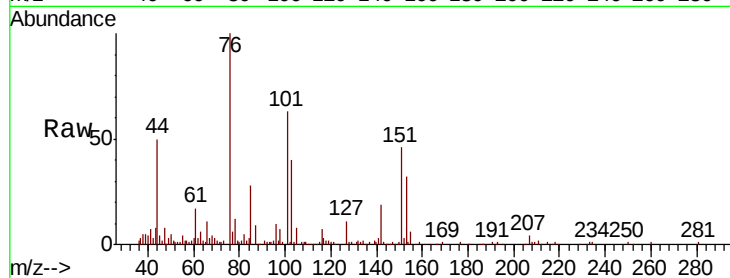




#17  
Carbon Disulfide  
Concen: 15.613 ug/l  
RT: 1.93 min Scan# 142  
Delta R.T. 0.02 min  
Lab File: VF062224.D  
Acq: 19 Apr 2019 14:51

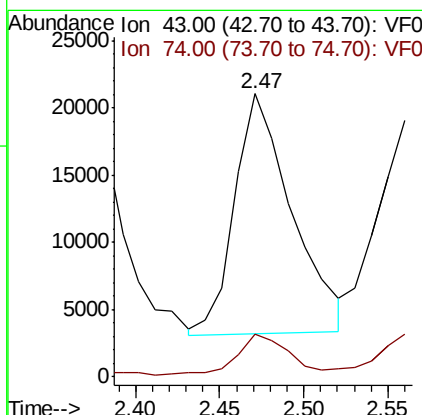
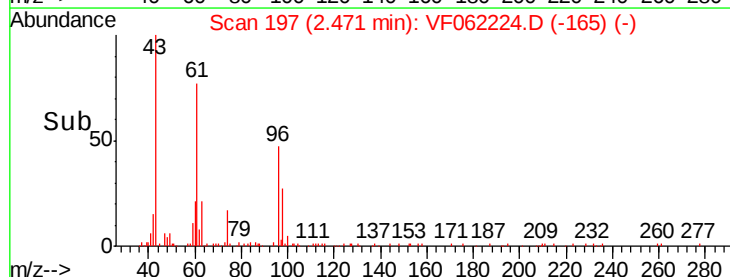
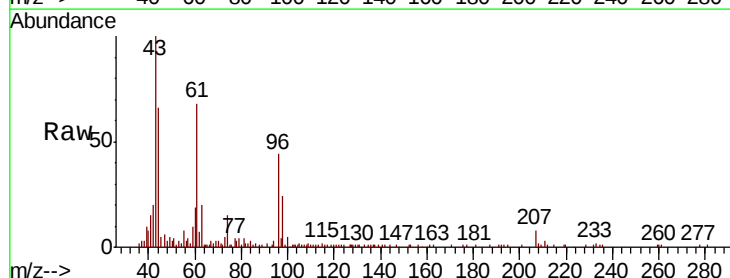
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0419SBS01

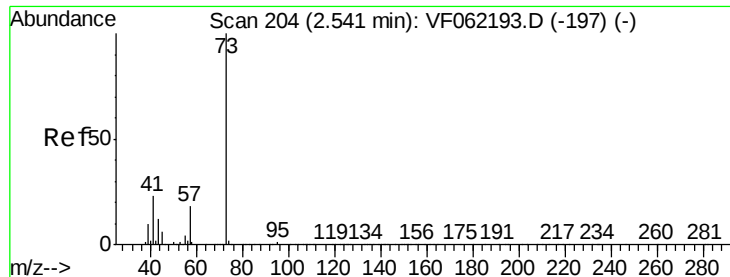
Tgt Ion: 76 Resp: 202080  
Ion Ratio Lower Upper  
76 100  
78 10.6 8.7 13.1



#18  
Methyl Acetate  
Concen: 17.659 ug/l  
RT: 2.47 min Scan# 197  
Delta R.T. 0.02 min  
Lab File: VF062224.D  
Acq: 19 Apr 2019 14:51

Tgt Ion: 43 Resp: 42313  
Ion Ratio Lower Upper  
43 100  
74 14.9 14.5 21.7



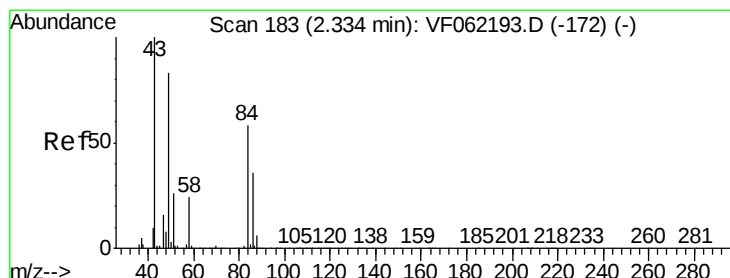
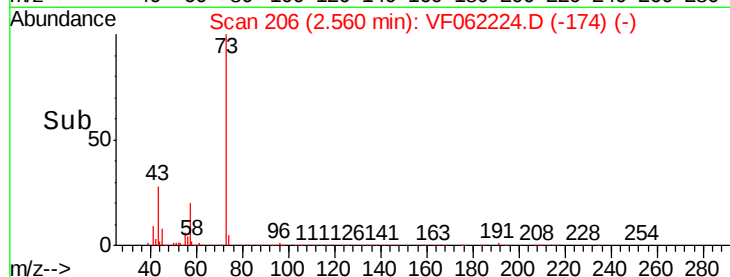
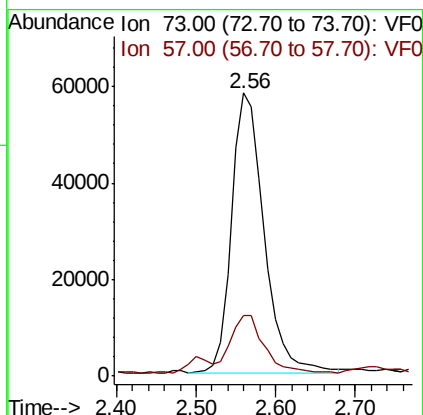
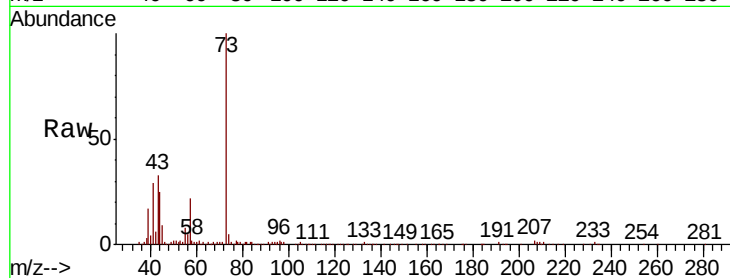


#19

Methyl tert-butyl Ether  
 Concen: 19.988 ug/l  
 RT: 2.56 min Scan# 206  
 Delta R.T. 0.02 min  
 Lab File: VF062224.D  
 Acq: 19 Apr 2019 14:51

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0419SBS01

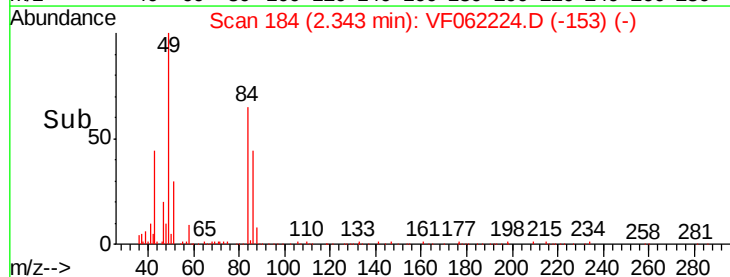
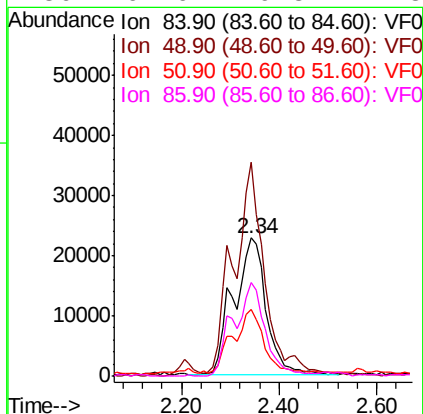
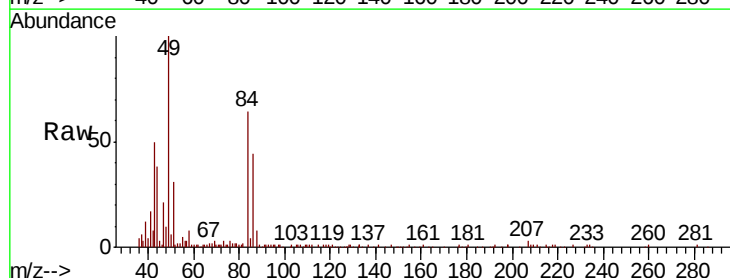
Tgt Ion: 73 Resp: 164370  
 Ion Ratio Lower Upper  
 73 100  
 57 20.8 15.1 22.7

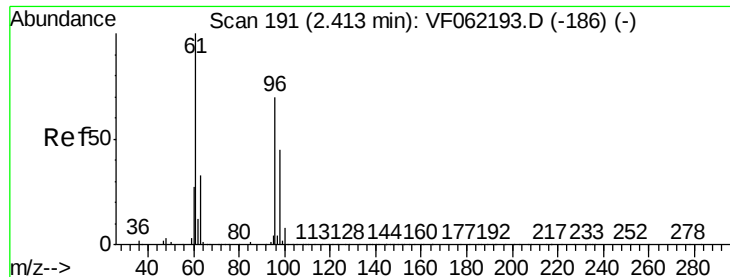


#20

Methylene Chloride  
 Concen: 19.711 ug/l  
 RT: 2.34 min Scan# 184  
 Delta R.T. 0.01 min  
 Lab File: VF062224.D  
 Acq: 19 Apr 2019 14:51

Tgt Ion: 84 Resp: 105790  
 Ion Ratio Lower Upper  
 84 100  
 49 155.2 114.0 171.0  
 51 44.9 37.0 55.4  
 86 67.6 49.8 74.8





#21

trans-1,2-Dichloroethene

Concen: 19.178 ug/l

RT: 2.43 min Scan# 193

Delta R.T. 0.02 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Instrument :

MSVOA\_F

ClientSampleId :

VF0419SBS01

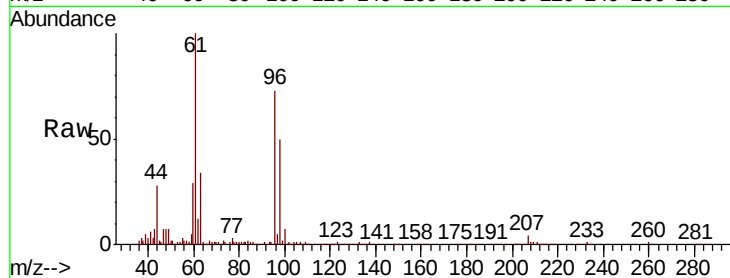
Tgt Ion: 96 Resp: 88337

Ion Ratio Lower Upper

96 100

61 136.9 114.6 172.0

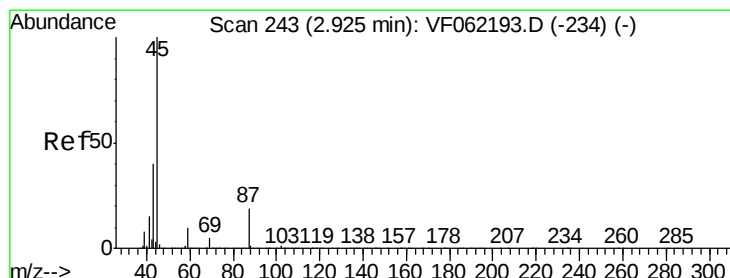
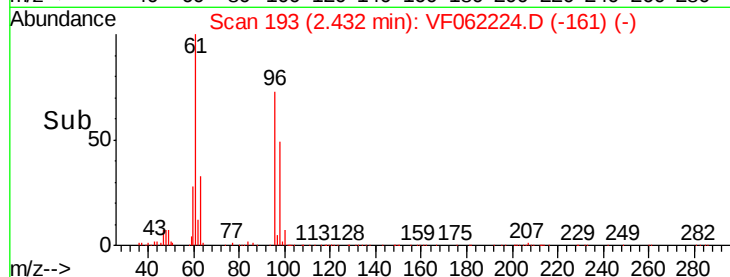
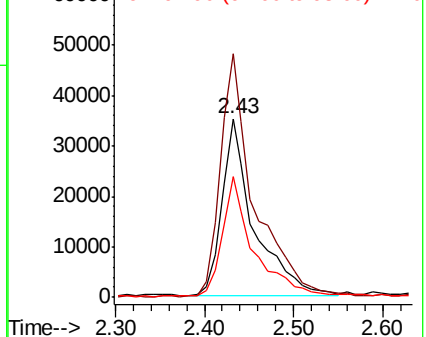
98 67.5 51.2 76.8



Abundance Ion 95.90 (95.60 to 96.60): VF0

Ion 60.90 (60.60 to 61.60): VF0

Ion 97.90 (97.60 to 98.60): VF0



#22

Diisopropyl ether

Concen: 19.736 ug/l

RT: 2.95 min Scan# 246

Delta R.T. 0.03 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Tgt Ion: 45 Resp: 269864

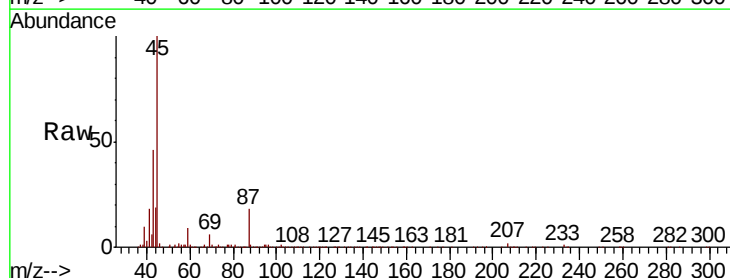
Ion Ratio Lower Upper

45 100

43 42.7 32.8 49.2

87 18.0 15.2 22.8

59 9.1 7.8 11.6

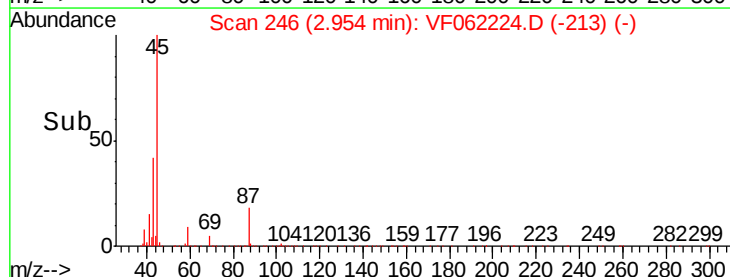
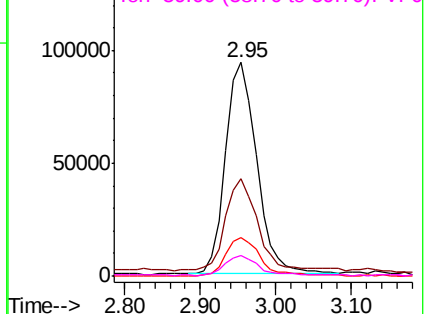


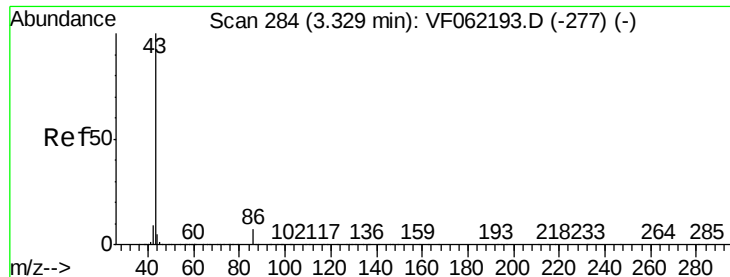
Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0

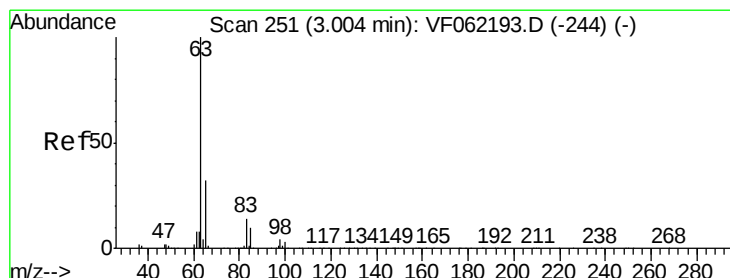
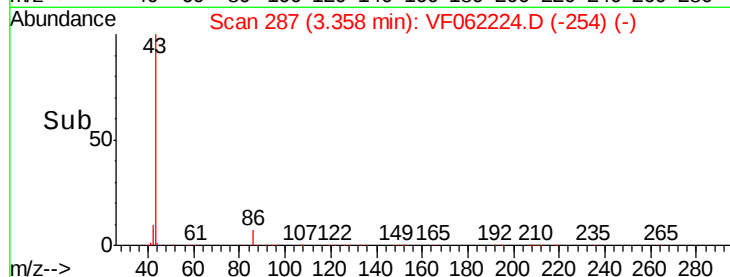
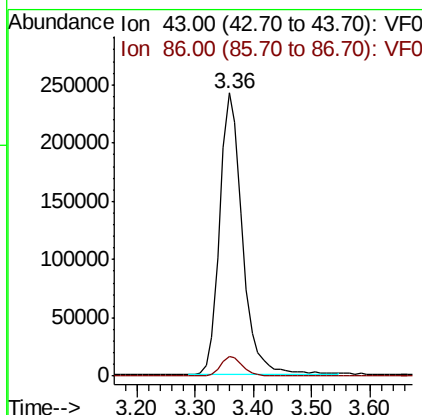
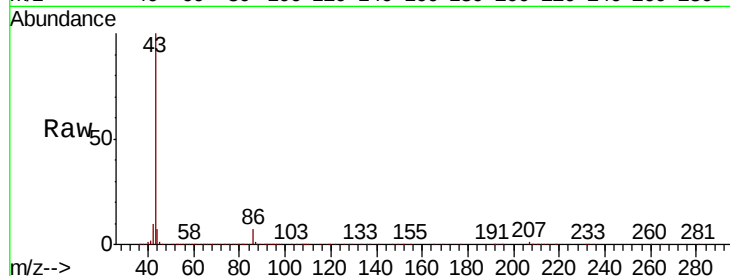




#23  
 Vinyl Acetate  
 Concen: 100.434 ug/l  
 RT: 3.36 min Scan# 287  
 Delta R.T. 0.03 min  
 Lab File: VF062224.D  
 Acq: 19 Apr 2019 14:51

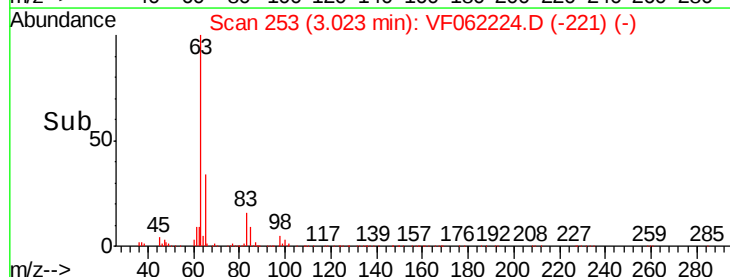
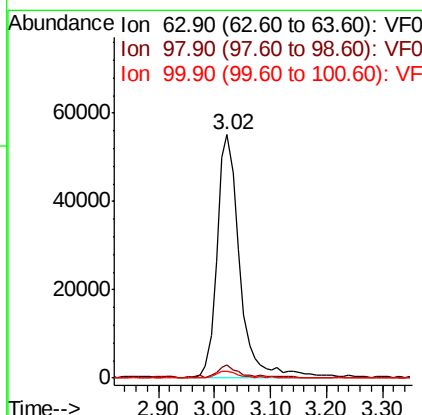
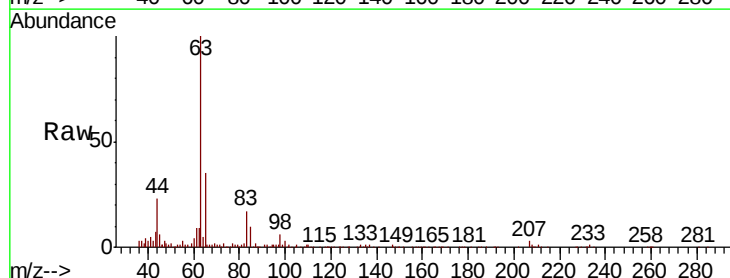
Instrument :  
 MSVOA\_F  
 ClientSampleID :  
 VF0419SBS01

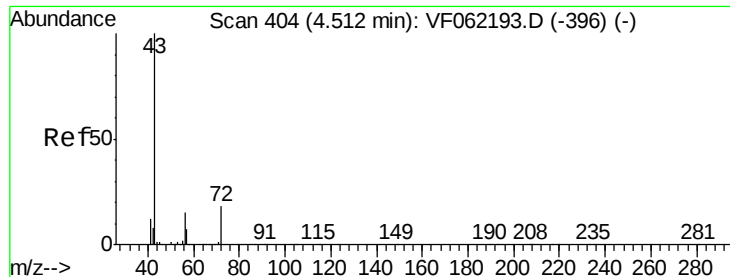
Tgt Ion: 43 Resp: 654290  
 Ion Ratio Lower Upper  
 43 100  
 86 7.1 5.9 8.9



#24  
 1,1-Dichloroethane  
 Concen: 20.715 ug/l  
 RT: 3.02 min Scan# 253  
 Delta R.T. 0.02 min  
 Lab File: VF062224.D  
 Acq: 19 Apr 2019 14:51

Tgt Ion: 63 Resp: 154944  
 Ion Ratio Lower Upper  
 63 100  
 98 5.2 2.3 6.8  
 100 3.0 1.7 5.0





#25

2-Butanone

Concen: 95.083 ug/l

RT: 4.54 min Scan# 407

Delta R.T. 0.03 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Instrument :

MSVOA\_F

ClientSampleId :

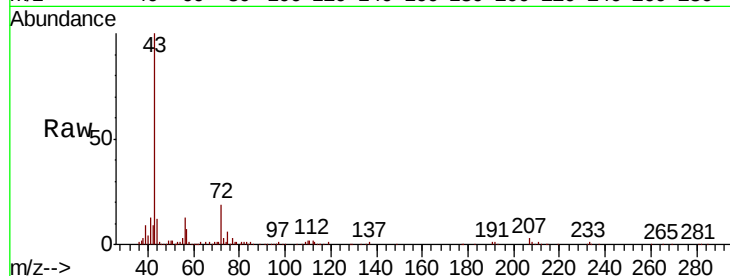
VF0419SBS01

Tgt Ion: 43 Resp: 174232

Ion Ratio Lower Upper

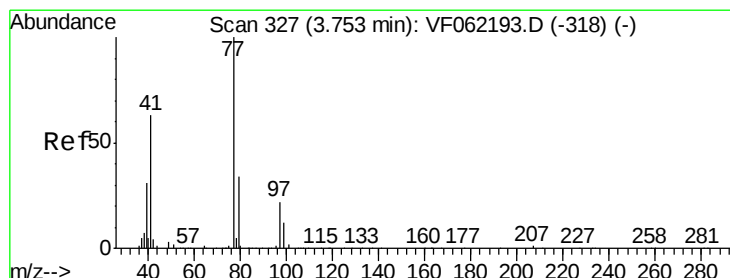
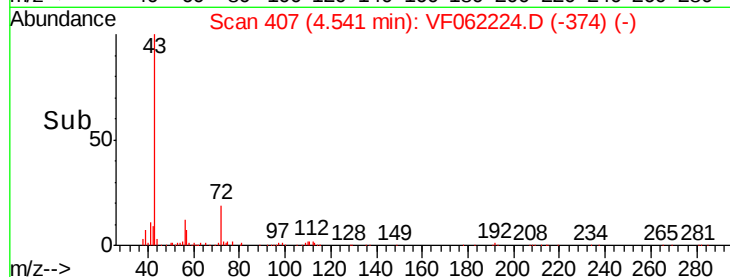
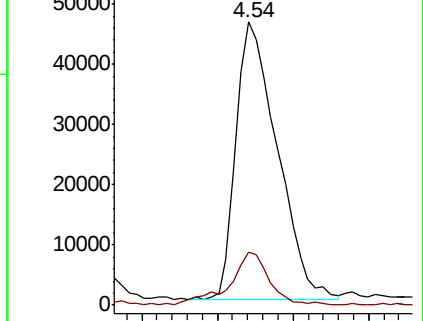
43 100

72 18.7 16.1 24.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



#26

2,2-Dichloropropane

Concen: 19.683 ug/l

RT: 3.79 min Scan# 331

Delta R.T. 0.04 min

Lab File: VF062224.D

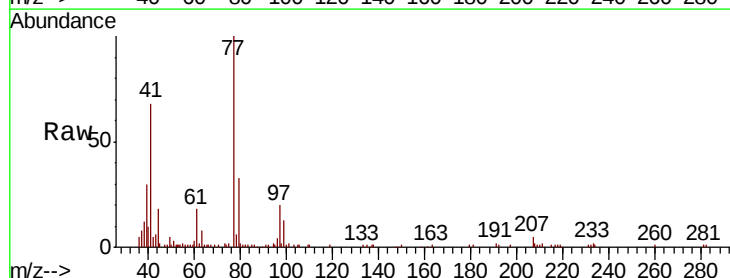
Acq: 19 Apr 2019 14:51

Tgt Ion: 77 Resp: 74330

Ion Ratio Lower Upper

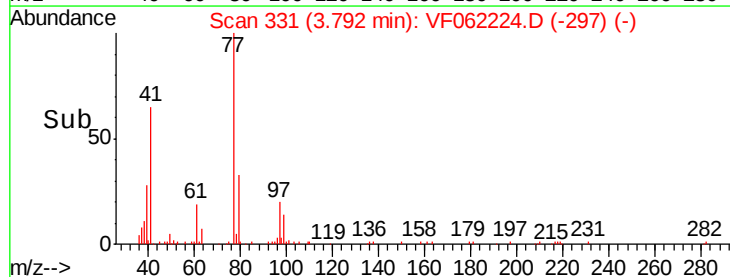
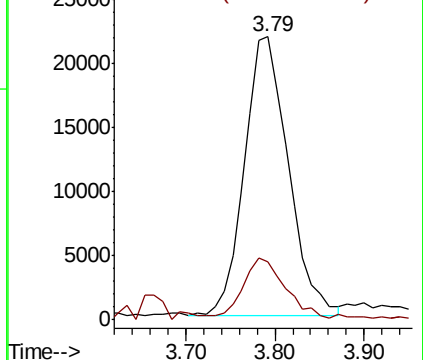
77 100

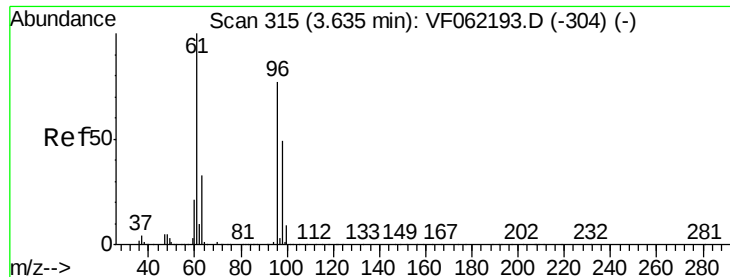
97 20.3 11.1 33.3



Abundance Ion 76.90 (76.60 to 77.60): VF0

Ion 96.90 (96.60 to 97.60): VF0



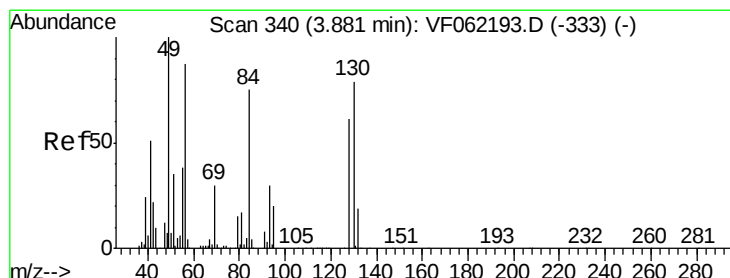
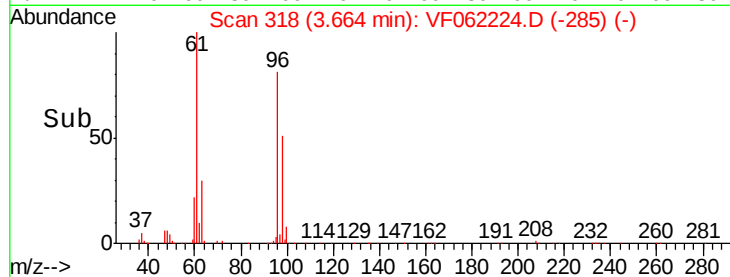
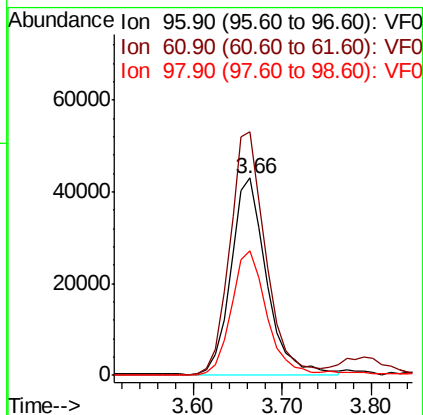
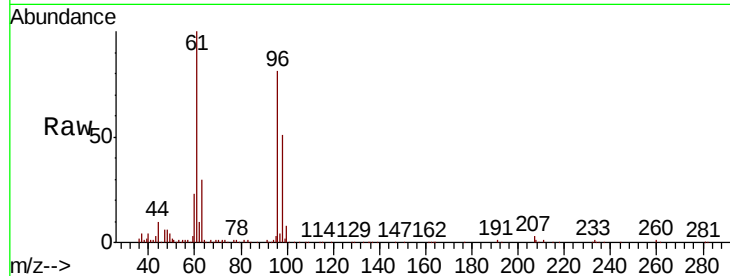


#27

cis-1,2-Dichloroethene  
Concen: 19.939 ug/l  
RT: 3.66 min Scan# 318  
Delta R.T. 0.03 min  
Lab File: VF062224.D  
Acq: 19 Apr 2019 14:51

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0419SBSD01

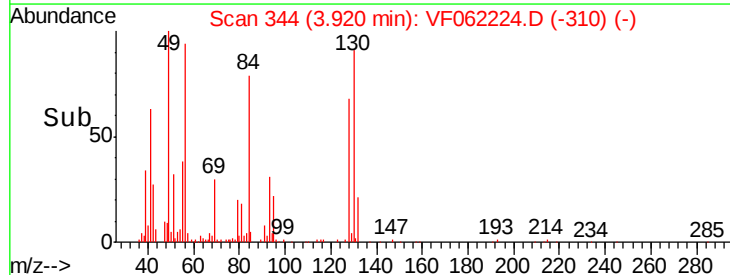
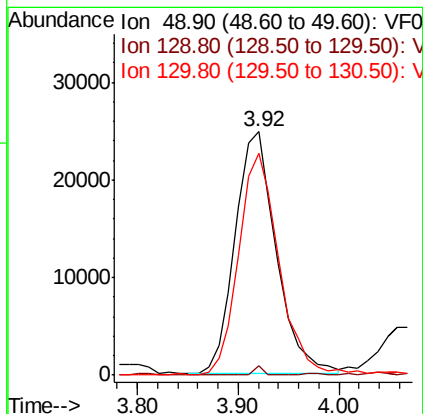
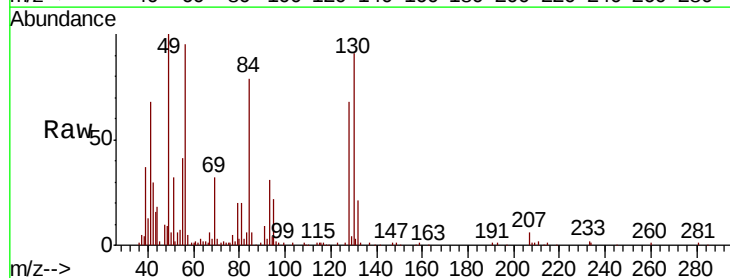
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 125.0 | 0.0   | 253.6 |
| 98      | 63.5  | 0.0   | 124.8 |



#28

Bromochloromethane  
Concen: 19.678 ug/l  
RT: 3.92 min Scan# 344  
Delta R.T. 0.04 min  
Lab File: VF062224.D  
Acq: 19 Apr 2019 14:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 0.8   | 0.0   | 0.0#  |
| 130     | 91.4  | 66.6  | 100.0 |





#29

Tetrahydrofuran

Concen: 94.380 ug/l

RT: 4.28 min Scan# 381

Delta R.T. 0.03 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Instrument :

MSVOA\_F

ClientSampleId :

VF0419SBS01

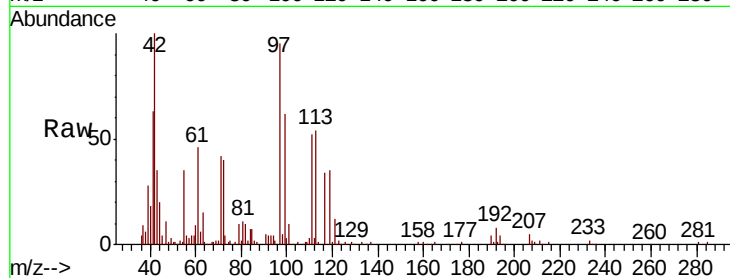
Tgt Ion: 42 Resp: 78280

Ion Ratio Lower Upper

42 100

72 37.3 28.6 43.0

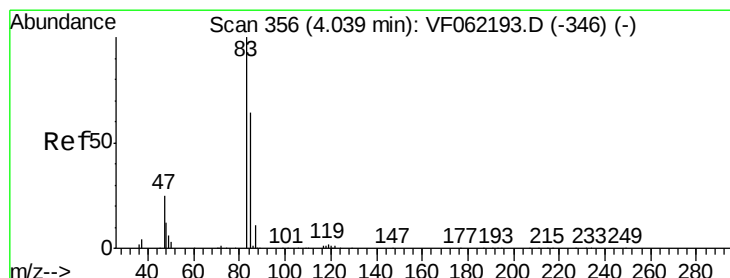
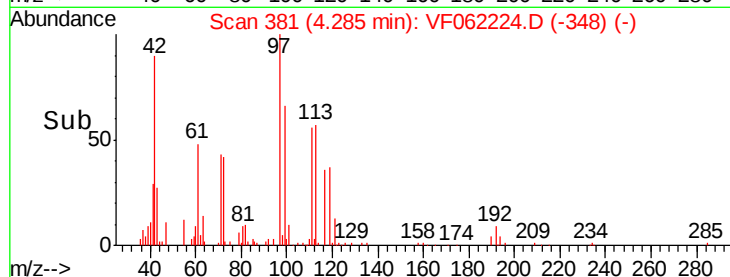
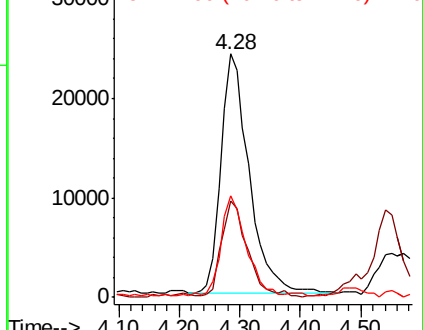
71 37.6 29.2 43.8



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: 20.644 ug/l

RT: 4.07 min Scan# 359

Delta R.T. 0.03 min

Lab File: VF062224.D

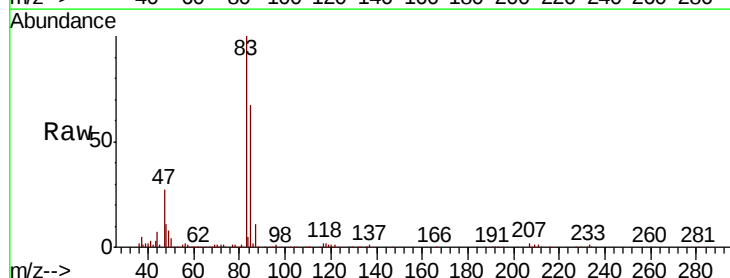
Acq: 19 Apr 2019 14:51

Tgt Ion: 83 Resp: 189770

Ion Ratio Lower Upper

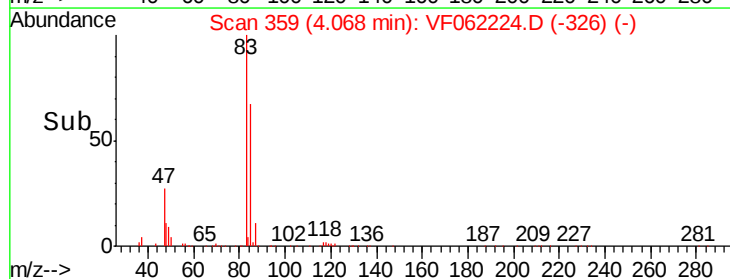
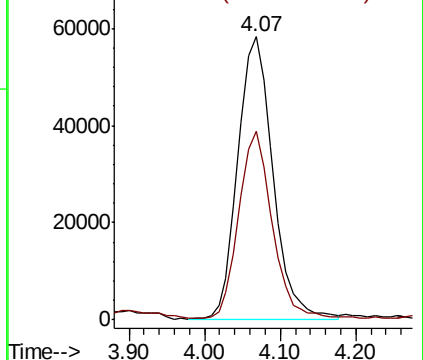
83 100

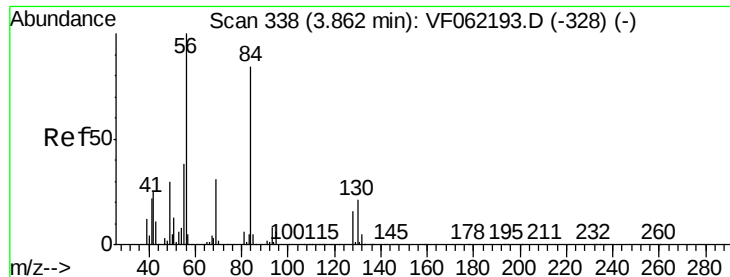
85 66.0 51.8 77.8



Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

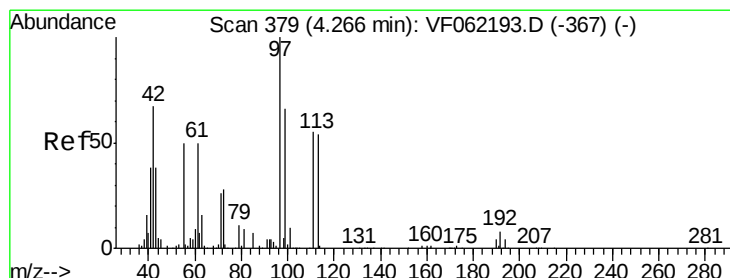
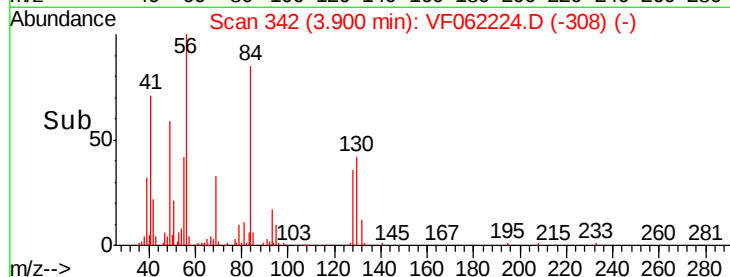
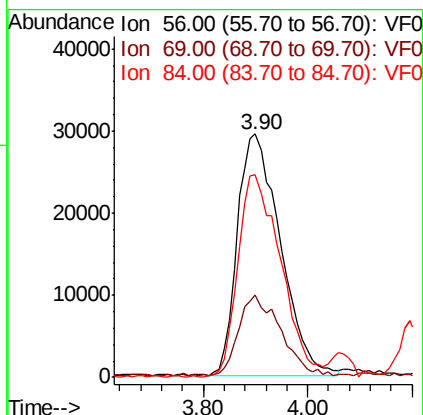
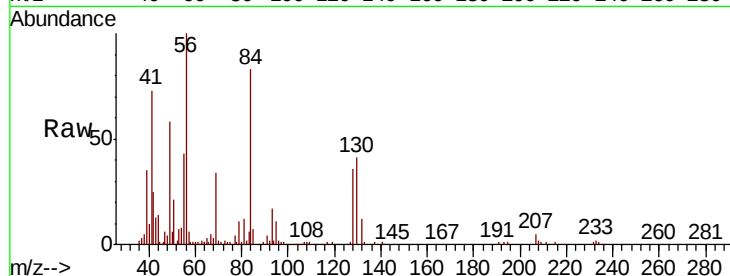




#31  
Cyclohexane  
Concen: 18.301 ug/l  
RT: 3.90 min Scan# 342  
Delta R.T. 0.04 min  
Lab File: VF062224.D  
Acq: 19 Apr 2019 14:51

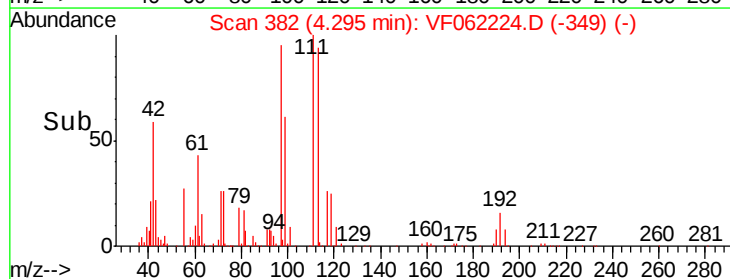
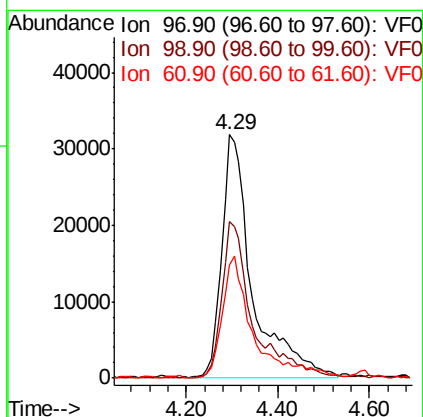
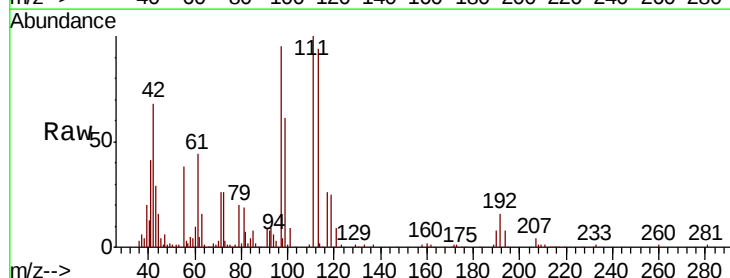
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0419SBS01

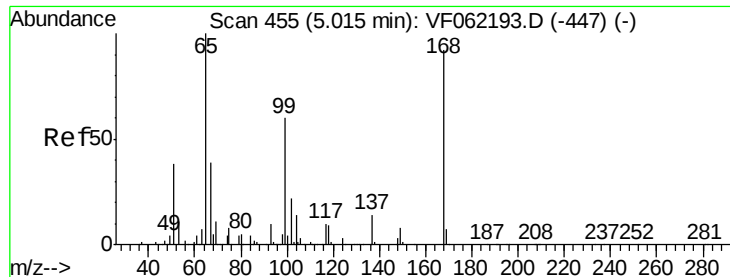
Tgt Ion: 56 Resp: 164043  
Ion Ratio Lower Upper  
56 100  
69 33.4 25.1 37.7  
84 84.2 67.8 101.6



#32  
1,1,1-Trichloroethane  
Concen: 21.845 ug/l  
RT: 4.29 min Scan# 382  
Delta R.T. 0.03 min  
Lab File: VF062224.D  
Acq: 19 Apr 2019 14:51

Tgt Ion: 97 Resp: 146989  
Ion Ratio Lower Upper  
97 100  
99 65.3 52.7 79.1  
61 51.0 53.0 79.4#





#33

1,2-Dichloroethane-d4

Concen: 54.005 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.03 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Instrument :

MSVOA\_F

ClientSampleId :

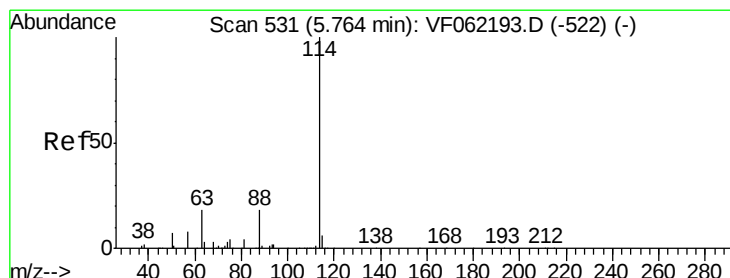
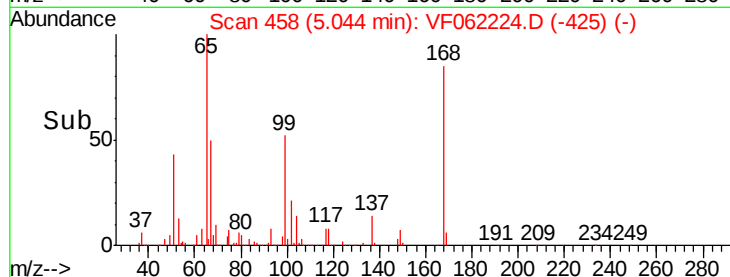
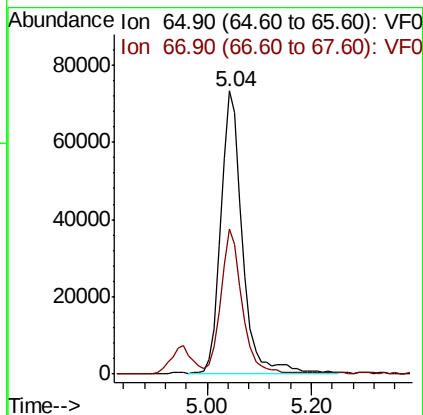
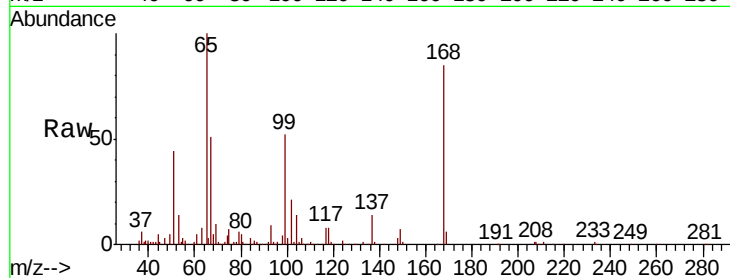
VF0419SBS01

Tgt Ion: 65 Resp: 207054

Ion Ratio Lower Upper

65 100

67 49.8 0.0 109.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.78 min Scan# 533

Delta R.T. 0.02 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

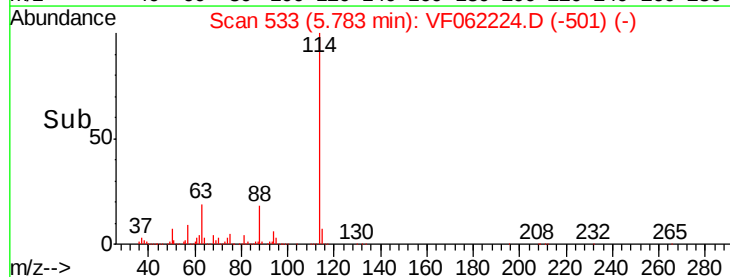
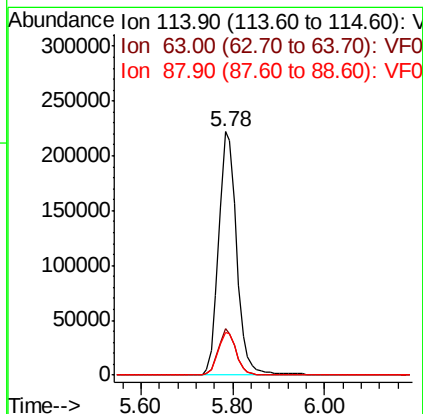
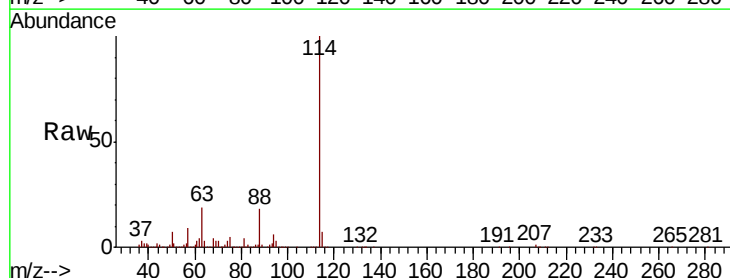
Tgt Ion: 114 Resp: 604331

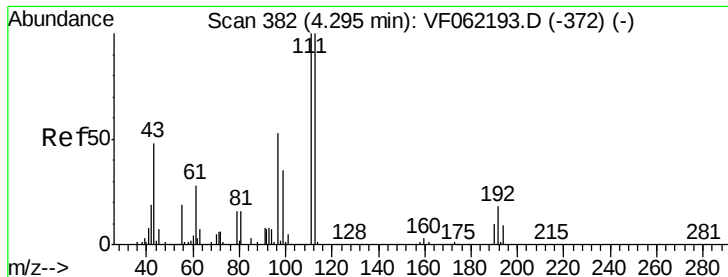
Ion Ratio Lower Upper

114 100

63 19.1 0.0 36.6

88 17.6 0.0 35.8





#35

Dibromofluoromethane

Concen: 52.977 ug/l

RT: 4.32 min Scan# 385

Delta R.T. 0.03 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Instrument :

MSVOA\_F

ClientSampleId :

VF0419SBS01

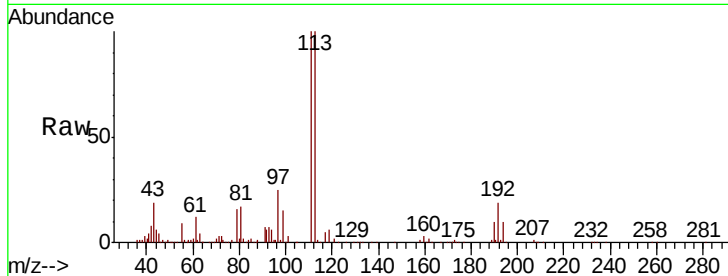
Tgt Ion:113 Resp: 280054

Ion Ratio Lower Upper

113 100

111 101.4 81.1 121.7

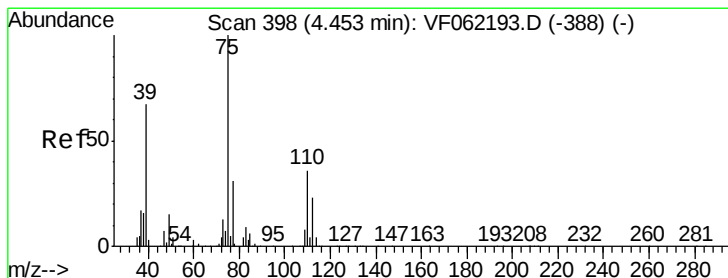
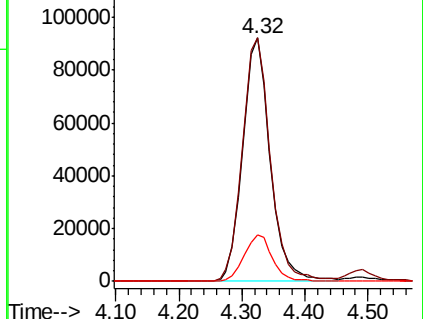
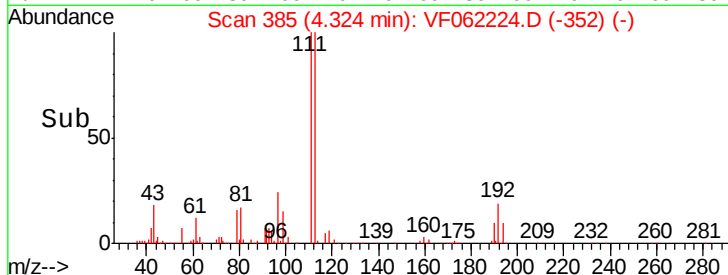
192 19.6 14.7 22.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.506 ug/l

RT: 4.49 min Scan# 402

Delta R.T. 0.04 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

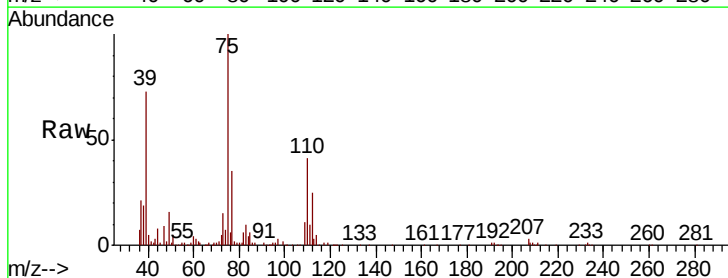
Tgt Ion: 75 Resp: 141333

Ion Ratio Lower Upper

75 100

110 36.3 18.4 55.2

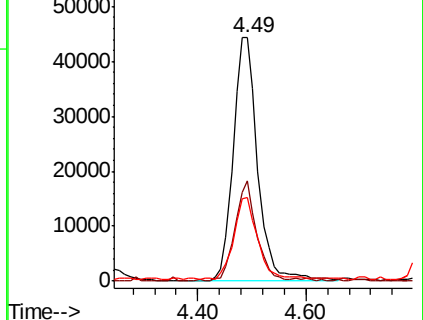
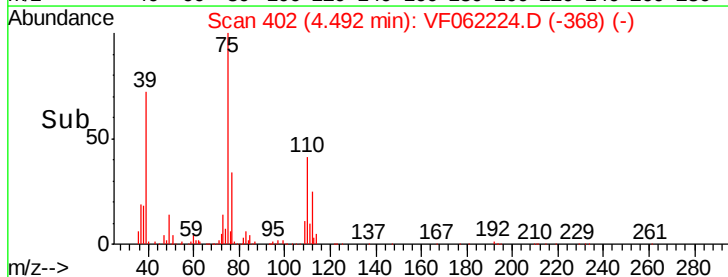
77 32.0 25.4 38.2

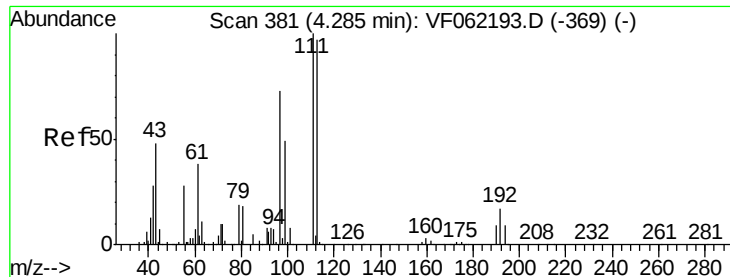


Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VF0

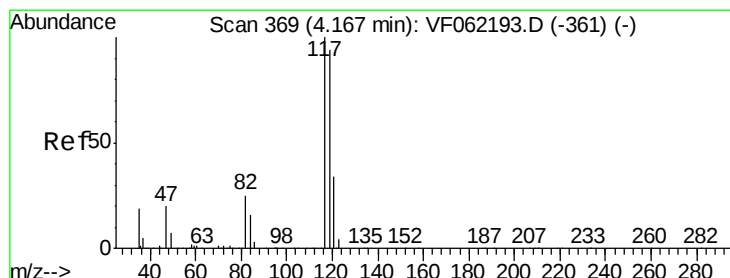
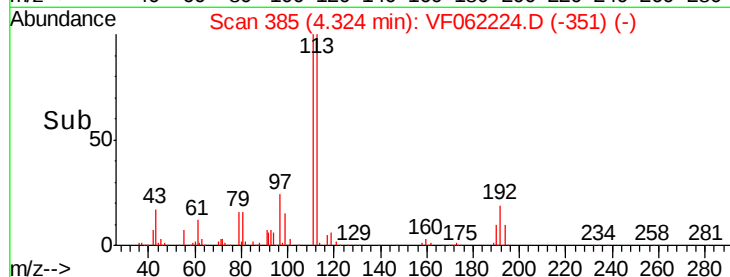
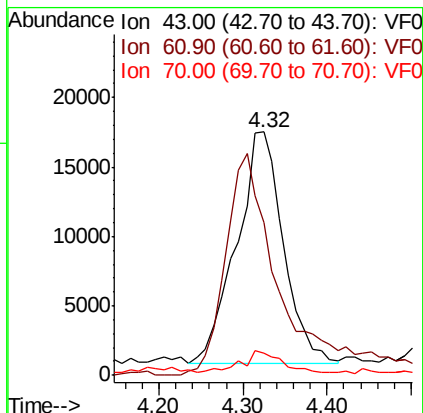
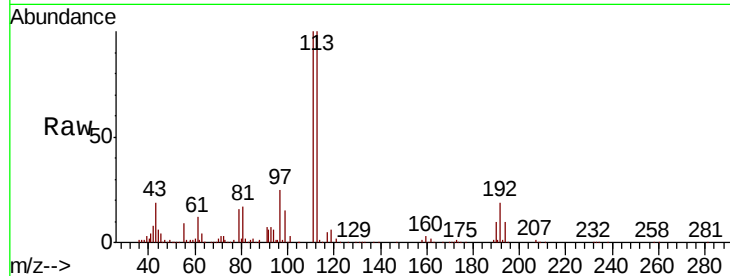




#37  
Ethyl Acetate  
Concen: 19.074 ug/l  
RT: 4.32 min Scan# 385  
Delta R.T. 0.04 min  
Lab File: VF062224.D  
Acq: 19 Apr 2019 14:51

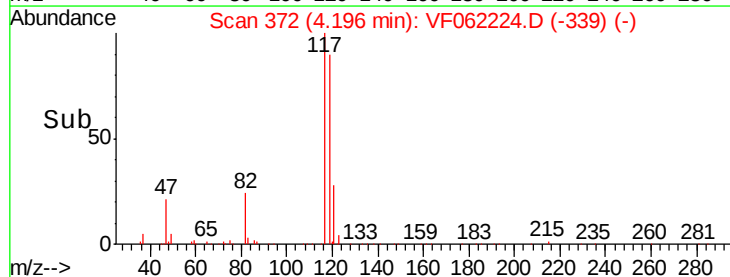
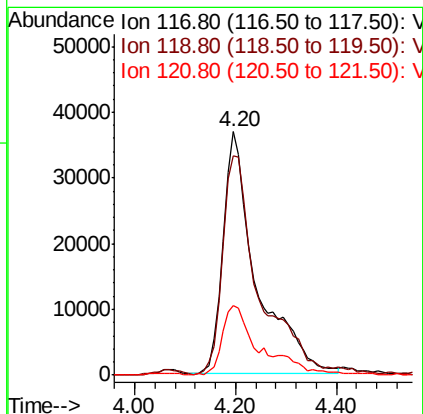
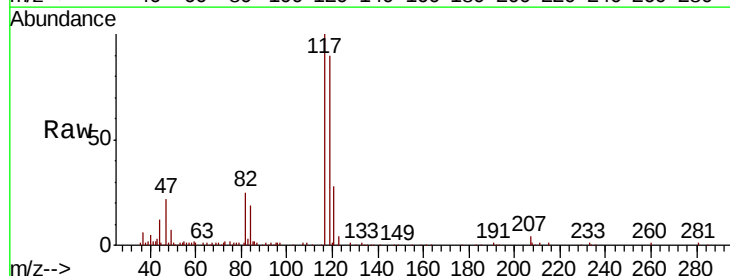
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0419SBS01

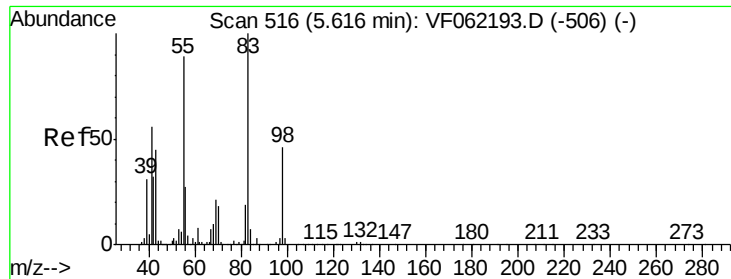
Tgt Ion: 43 Resp: 65215  
Ion Ratio Lower Upper  
43 100  
61 114.8 0.0 0.0#  
70 8.7 7.8 11.6



#38  
Carbon Tetrachloride  
Concen: 26.392 ug/l  
RT: 4.20 min Scan# 372  
Delta R.T. 0.03 min  
Lab File: VF062224.D  
Acq: 19 Apr 2019 14:51

Tgt Ion: 117 Resp: 169259  
Ion Ratio Lower Upper  
117 100  
119 89.9 75.0 112.4  
121 28.6 26.9 40.3

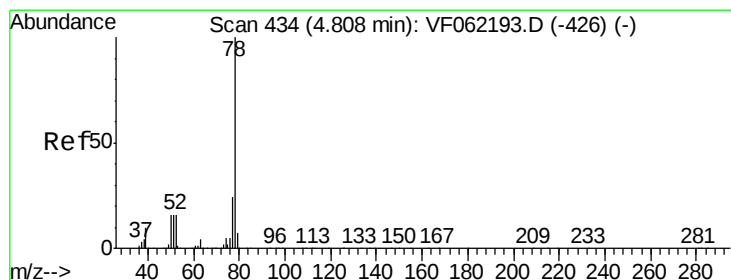
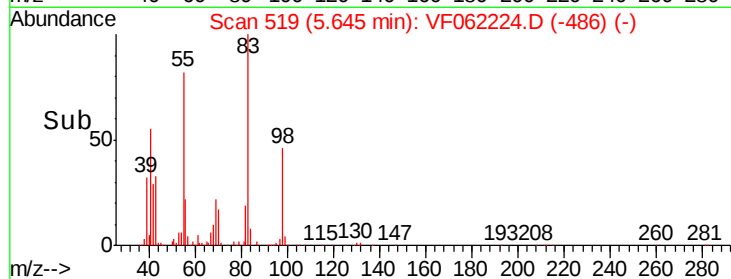
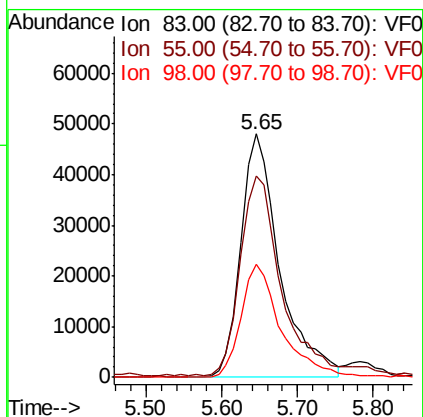
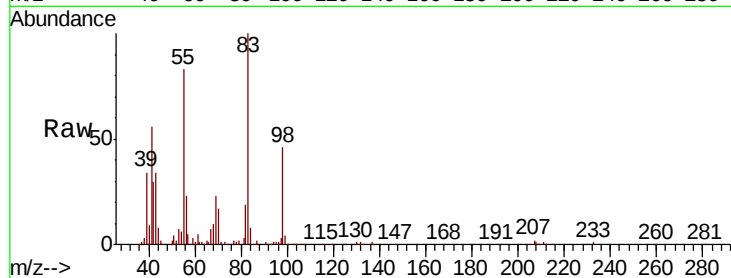




#39  
Methylcyclohexane  
Concen: 19.807 ug/l  
RT: 5.65 min Scan# 519  
Delta R.T. 0.03 min  
Lab File: VF062224.D  
Acq: 19 Apr 2019 14:51

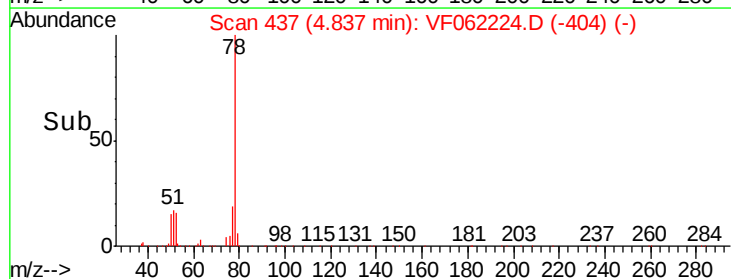
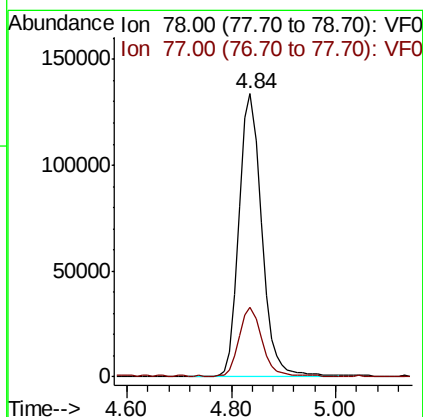
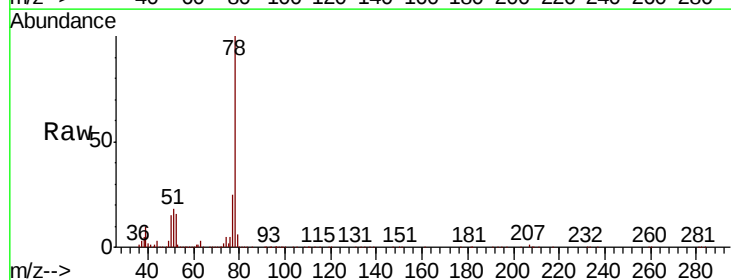
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0419SBS01

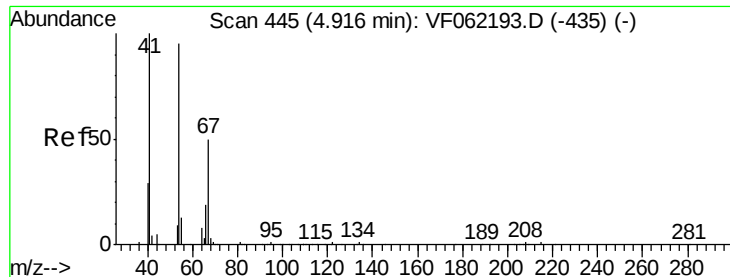
Tgt Ion: 83 Resp: 171831  
Ion Ratio Lower Upper  
83 100  
55 81.9 71.0 106.6  
98 46.2 36.7 55.1



#40  
Benzene  
Concen: 20.664 ug/l  
RT: 4.84 min Scan# 437  
Delta R.T. 0.03 min  
Lab File: VF062224.D  
Acq: 19 Apr 2019 14:51

Tgt Ion: 78 Resp: 392724  
Ion Ratio Lower Upper  
78 100  
77 24.6 18.9 28.3





#41

Methacrylonitrile

Concen: 19.894 ug/l

RT: 4.95 min Scan# 448

Delta R.T. 0.03 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Instrument :

MSVOA\_F

ClientSampleId :

VF0419SBS01

Tgt Ion: 41 Resp: 39234

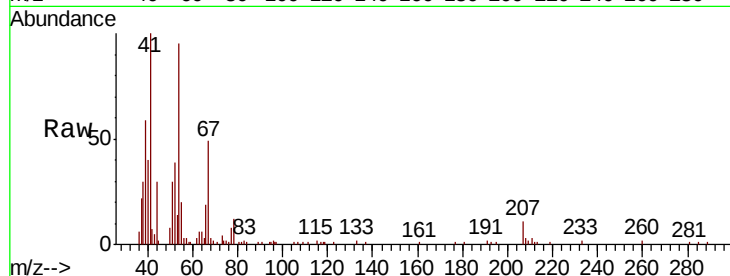
Ion Ratio Lower Upper

41 100

39 58.2 44.7 67.1

67 54.7 39.1 58.7

52 65.3 49.8 74.8

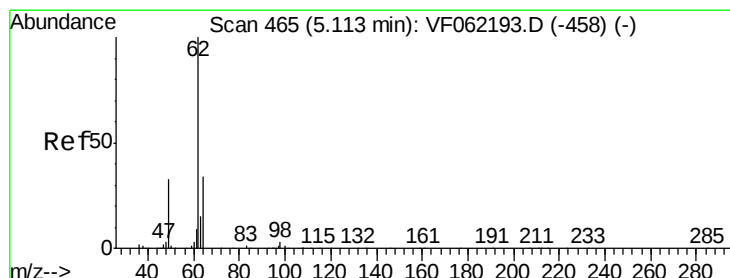
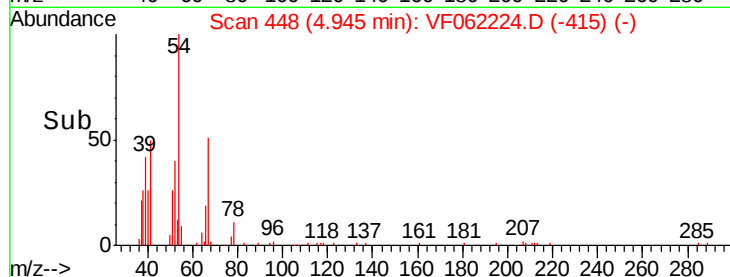
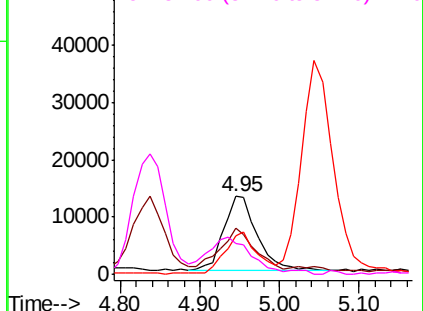


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#42

1,2-Dichloroethane

Concen: 20.603 ug/l

RT: 5.14 min Scan# 468

Delta R.T. 0.03 min

Lab File: VF062224.D

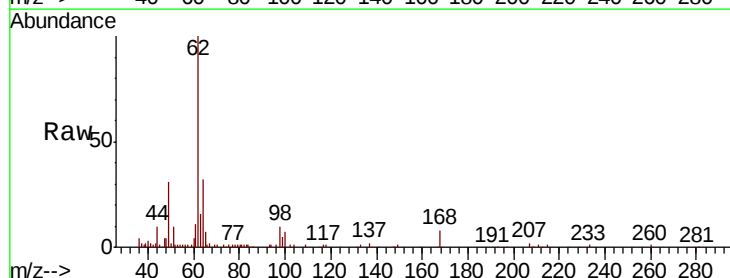
Acq: 19 Apr 2019 14:51

Tgt Ion: 62 Resp: 103513

Ion Ratio Lower Upper

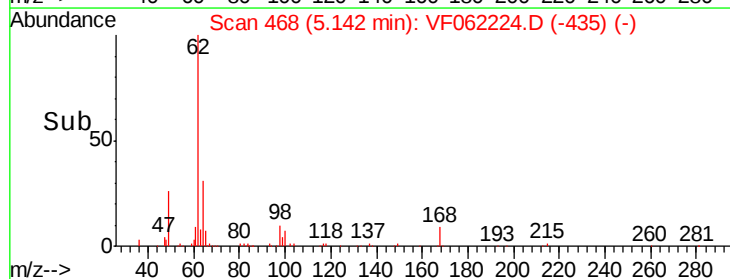
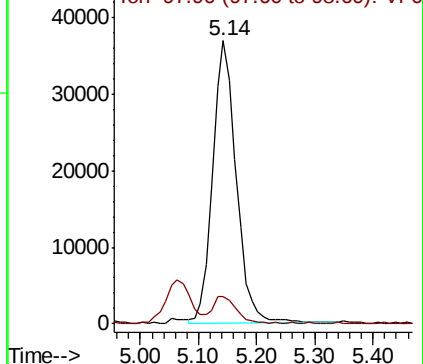
62 100

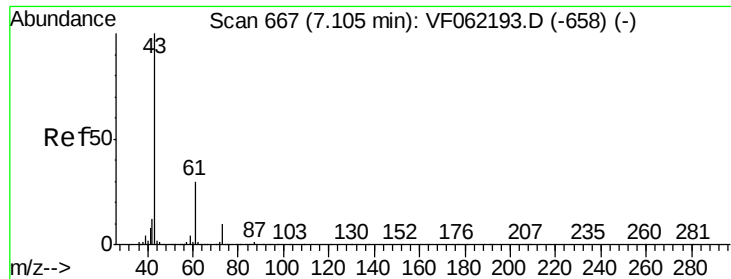
98 10.0 0.0 19.0



Abundance Ion 61.90 (61.60 to 62.60): VF0

Ion 97.90 (97.60 to 98.60): VF0

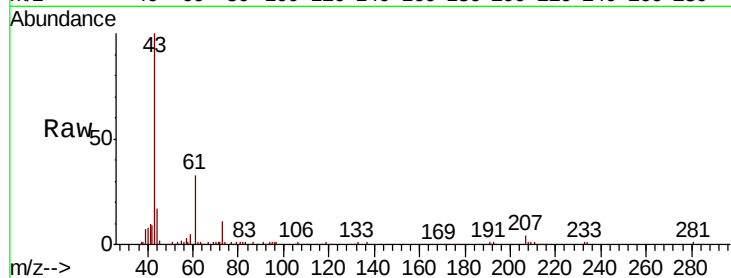




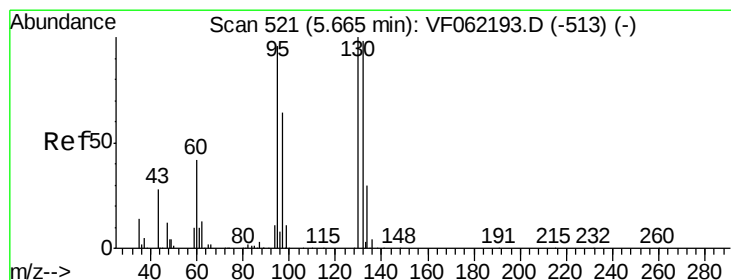
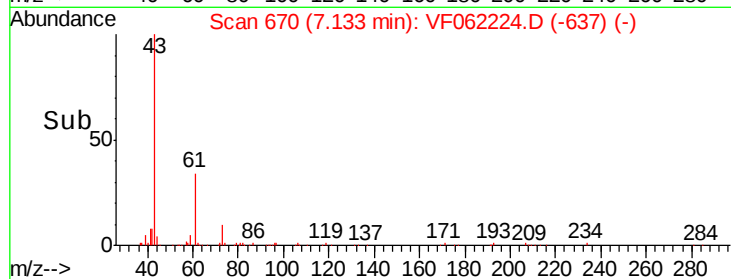
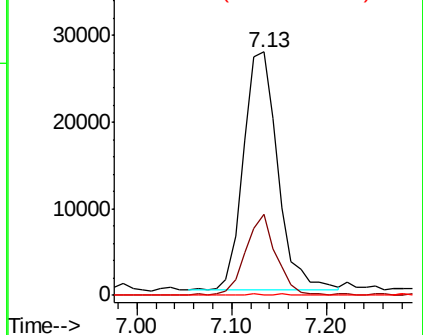
#43  
Isopropyl Acetate  
Concen: 19.405 ug/l  
RT: 7.13 min Scan# 670  
Delta R.T. 0.03 min  
Lab File: VF062224.D  
Acq: 19 Apr 2019 14:51

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0419SBS01

Tgt Ion: 43 Resp: 69781  
Ion Ratio Lower Upper  
43 100  
61 30.0 24.4 36.6  
87 0.4 0.4 0.6

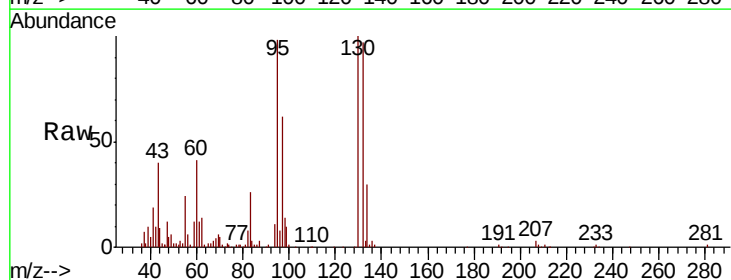


Abundance Ion 43.00 (42.70 to 43.70): VF0  
Ion 61.00 (60.70 to 61.70): VF0  
Ion 87.00 (86.70 to 87.70): VF0

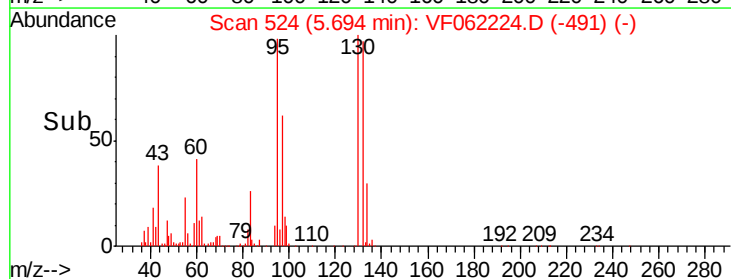
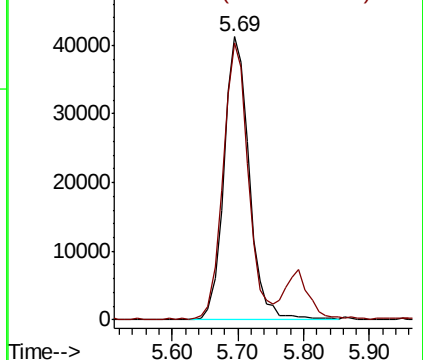


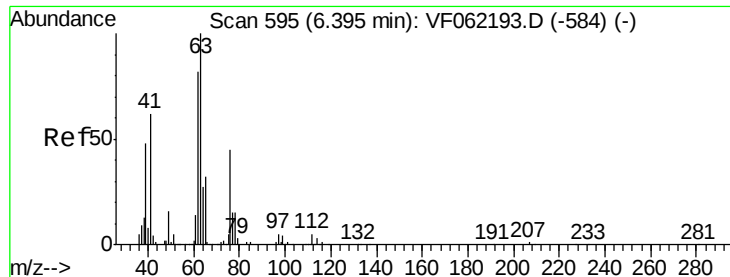
#44  
Trichloroethene  
Concen: 21.562 ug/l  
RT: 5.69 min Scan# 524  
Delta R.T. 0.03 min  
Lab File: VF062224.D  
Acq: 19 Apr 2019 14:51

Tgt Ion: 130 Resp: 110733  
Ion Ratio Lower Upper  
130 100  
95 97.4 0.0 191.4



Abundance Ion 129.80 (129.50 to 130.50): V  
Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 20.054 ug/l

RT: 6.42 min Scan# 598

Delta R.T. 0.03 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Instrument :

MSVOA\_F

ClientSampleId :

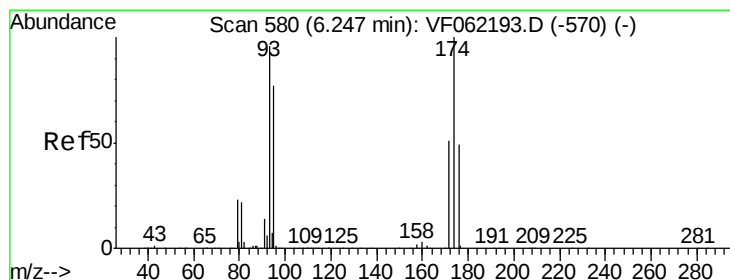
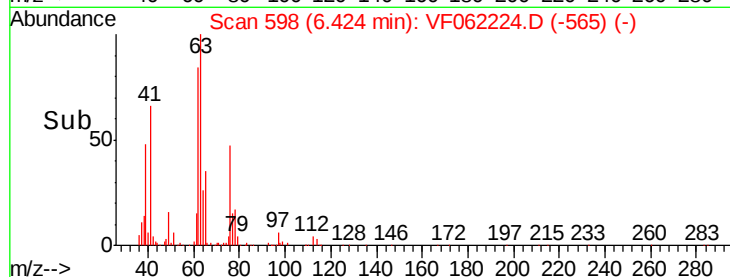
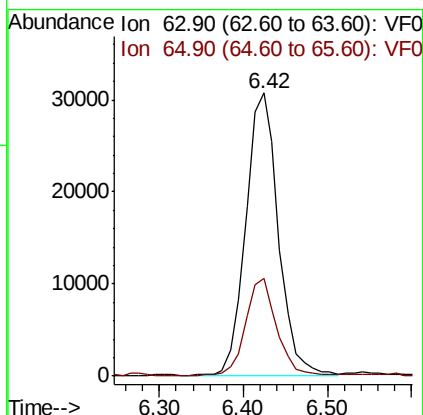
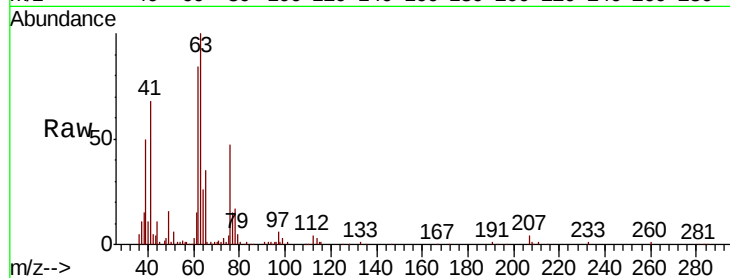
VF0419SBS01

Tgt Ion: 63 Resp: 83953

Ion Ratio Lower Upper

63 100

65 34.2 25.9 38.9



#46

Dibromomethane

Concen: 20.773 ug/l

RT: 6.28 min Scan# 583

Delta R.T. 0.03 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

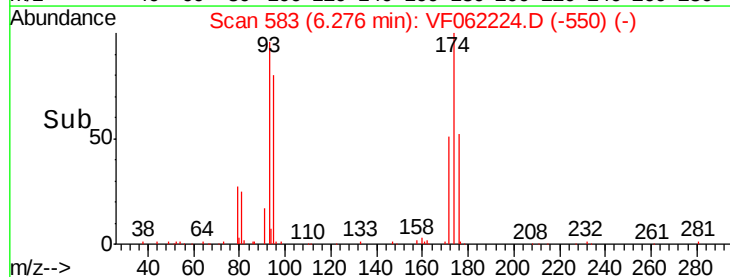
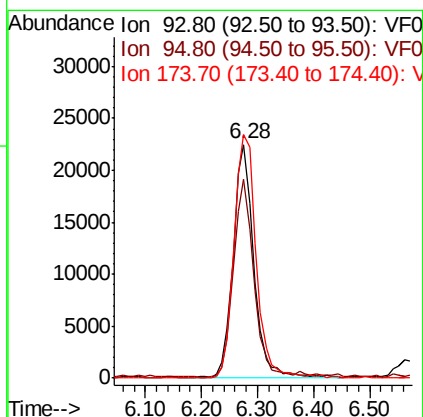
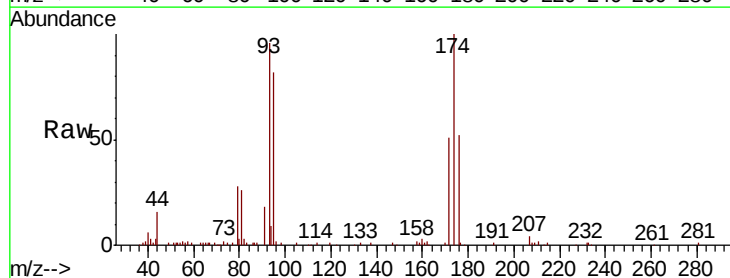
Tgt Ion: 93 Resp: 57858

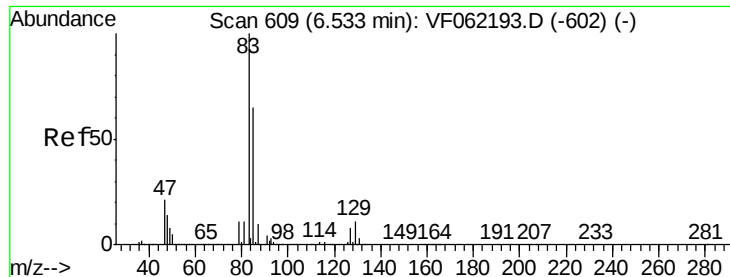
Ion Ratio Lower Upper

93 100

95 84.3 65.1 97.7

174 111.4 81.8 122.6





#47

Bromodichloromethane

Concen: 20.816 ug/l

RT: 6.56 min Scan# 612

Delta R.T. 0.03 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Instrument :

MSVOA\_F

ClientSampleId :

VF0419SBS01

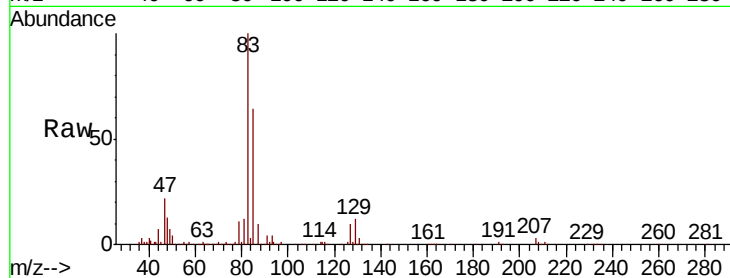
Tgt Ion: 83 Resp: 130831

Ion Ratio Lower Upper

83 100

85 63.8 52.2 78.4

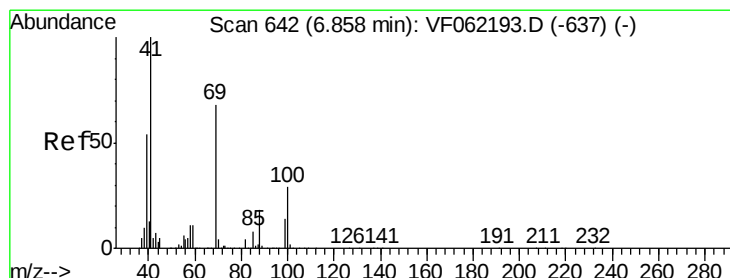
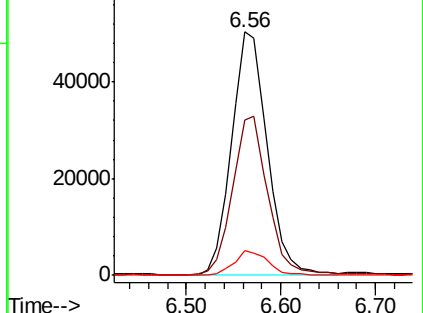
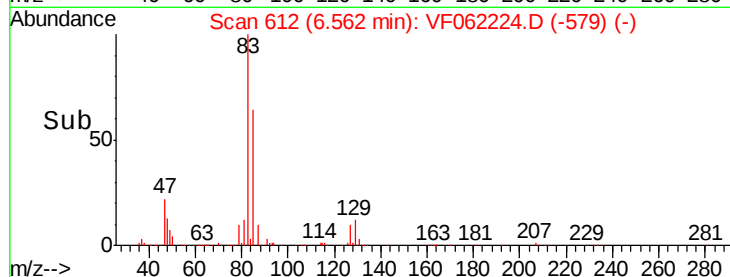
127 10.3 6.7 10.1#



Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.094 ug/l

RT: 6.90 min Scan# 646

Delta R.T. 0.04 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

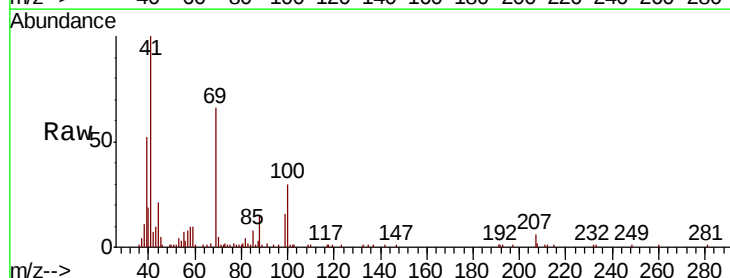
Tgt Ion: 41 Resp: 45124

Ion Ratio Lower Upper

41 100

69 68.6 54.9 82.3

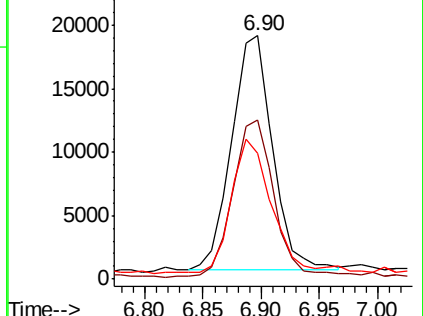
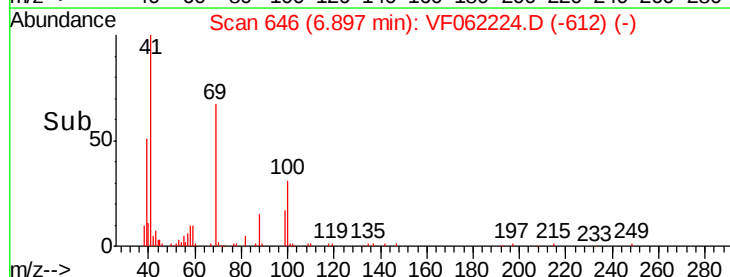
39 57.0 43.6 65.4

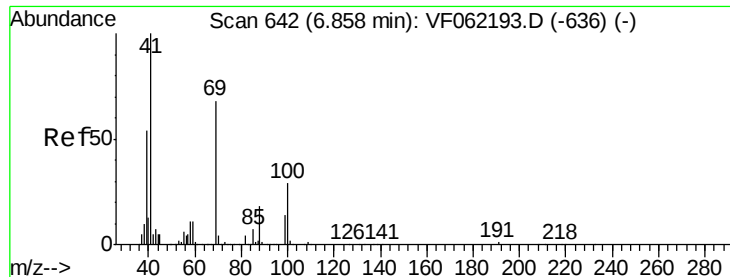


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

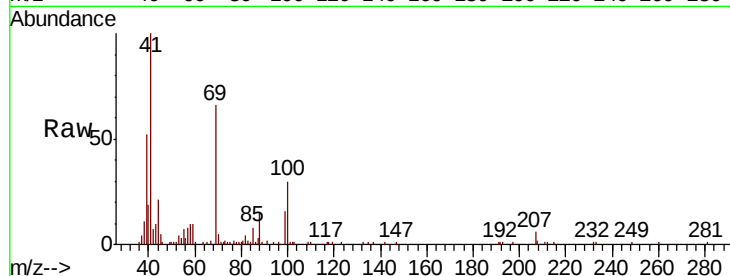




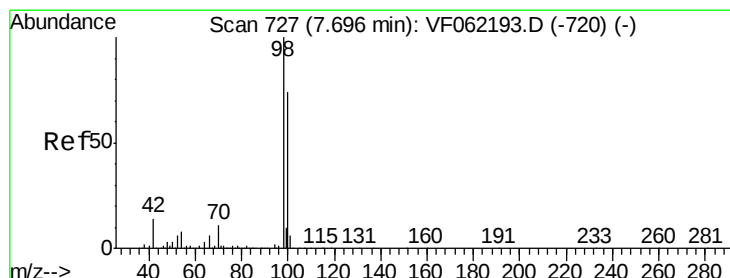
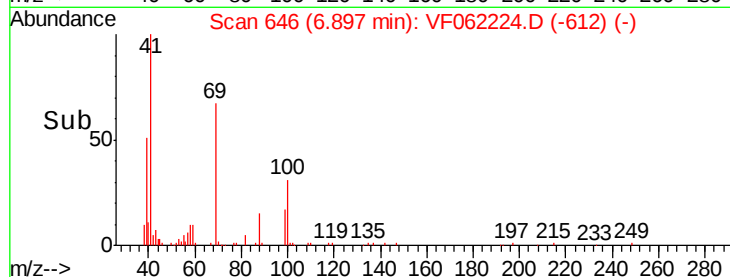
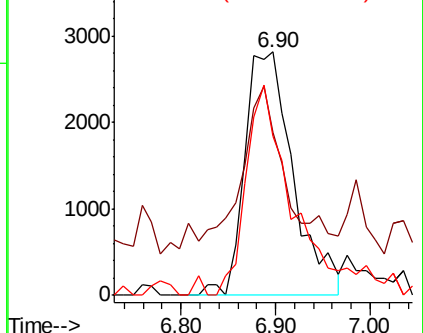
#49  
 1,4-Dioxane  
 Concen: 369.926 ug/l  
 RT: 6.90 min Scan# 646  
 Delta R.T. 0.04 min  
 Lab File: VF062224.D  
 Acq: 19 Apr 2019 14:51

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0419SBS01

Tgt Ion: 88 Resp: 10026  
 Ion Ratio Lower Upper  
 88 100  
 43 60.9 36.9 55.3#  
 58 88.8 56.8 85.2#

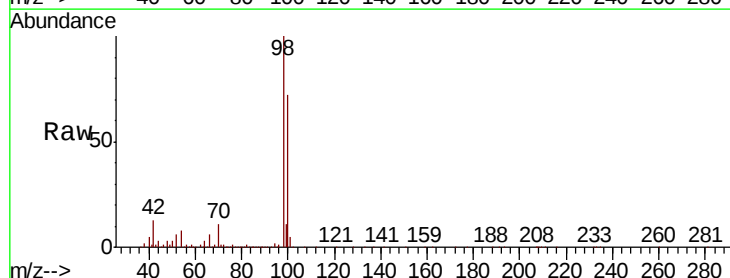


Abundance Ion 88.00 (87.70 to 88.70): VF0  
 Ion 43.00 (42.70 to 43.70): VF0  
 Ion 58.00 (57.70 to 58.70): VF0

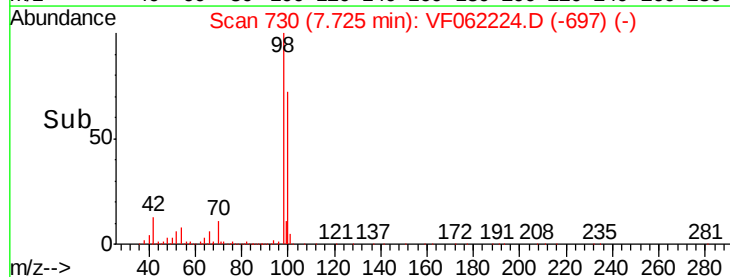
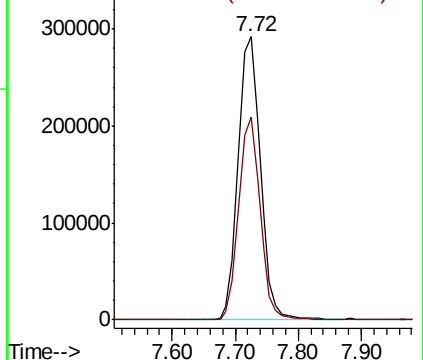


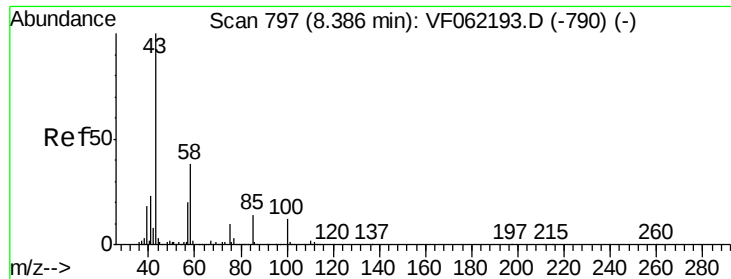
#50  
 Toluene-d8  
 Concen: 53.390 ug/l  
 RT: 7.72 min Scan# 730  
 Delta R.T. 0.03 min  
 Lab File: VF062224.D  
 Acq: 19 Apr 2019 14:51

Tgt Ion: 98 Resp: 714435  
 Ion Ratio Lower Upper  
 98 100  
 100 68.9 56.2 84.2



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





#51

4-Methyl-2-Pentanone

Concen: 98.710 ug/l

RT: 8.41 min Scan# 800

Delta R.T. 0.03 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Instrument :

MSVOA\_F

ClientSampleId :

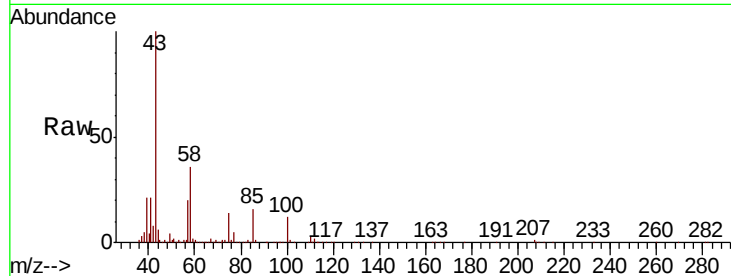
VF0419SBS01

Tgt Ion: 43 Resp: 264016

Ion Ratio Lower Upper

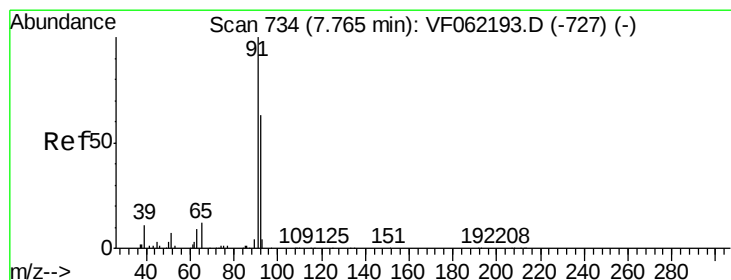
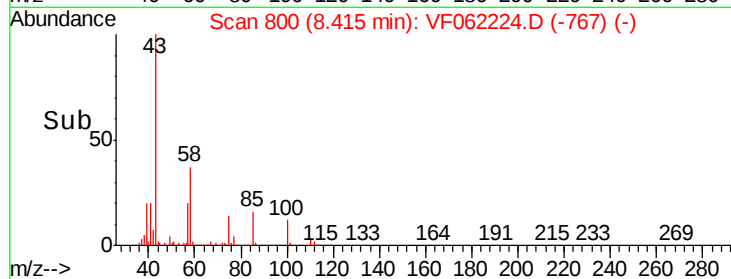
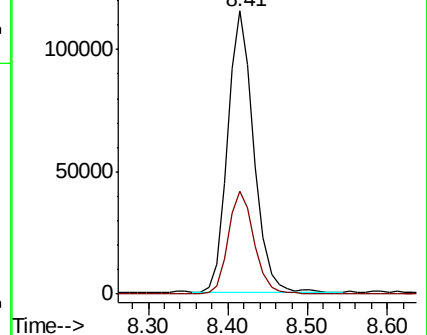
43 100

58 36.8 29.3 43.9



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 20.122 ug/l

RT: 7.79 min Scan# 737

Delta R.T. 0.03 min

Lab File: VF062224.D

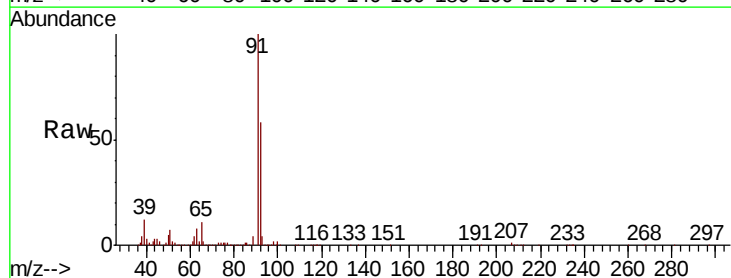
Acq: 19 Apr 2019 14:51

Tgt Ion: 92 Resp: 201584

Ion Ratio Lower Upper

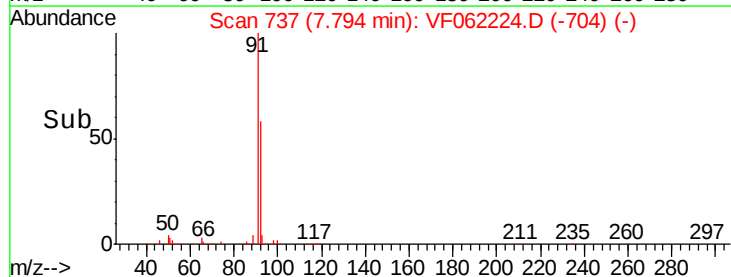
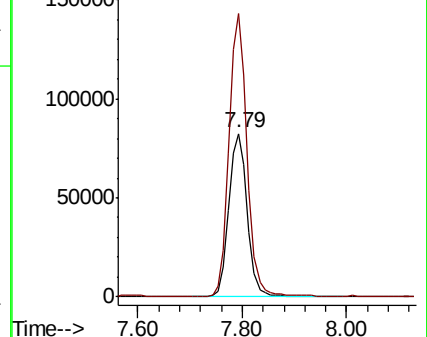
92 100

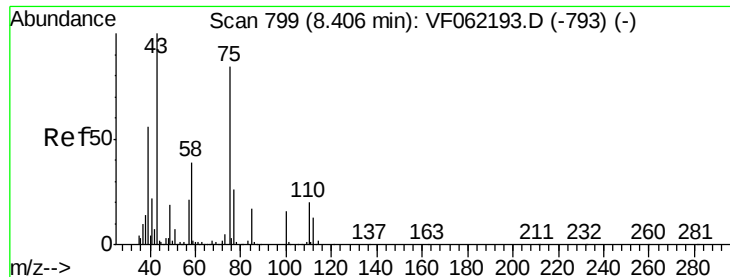
91 169.3 130.1 195.1



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

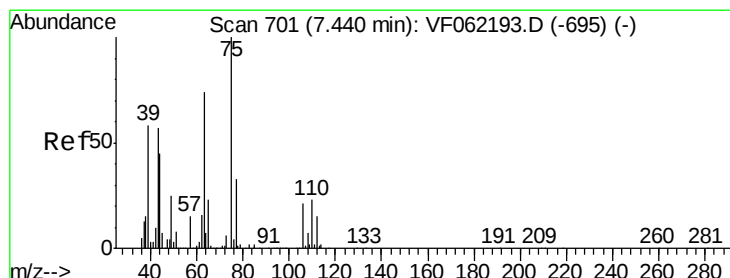
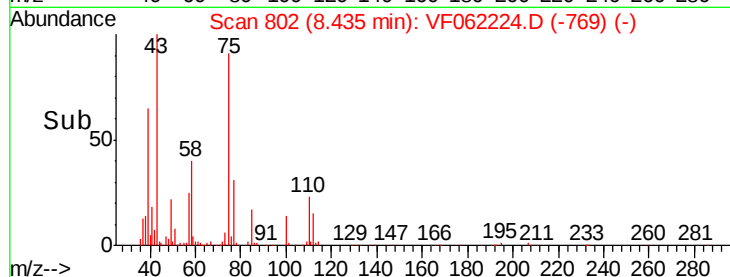
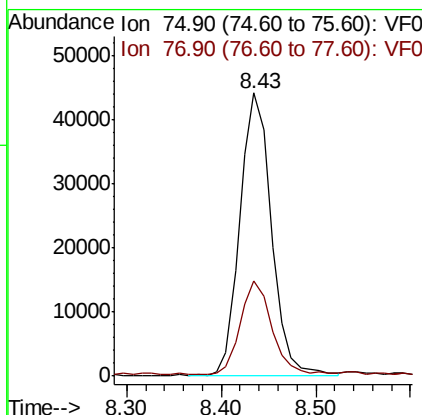
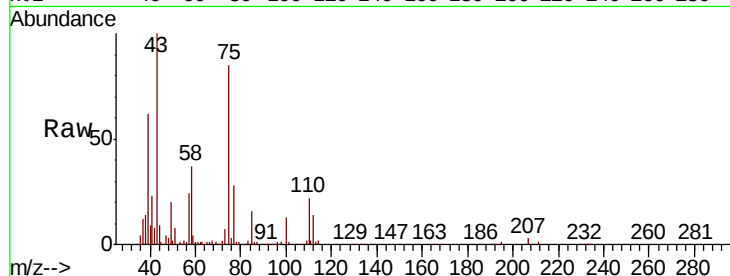




#53  
 t-1,3-Dichloropropene  
 Concen: 21.520 ug/l  
 RT: 8.43 min Scan# 802  
 Delta R.T. 0.03 min  
 Lab File: VF062224.D  
 Acq: 19 Apr 2019 14:51

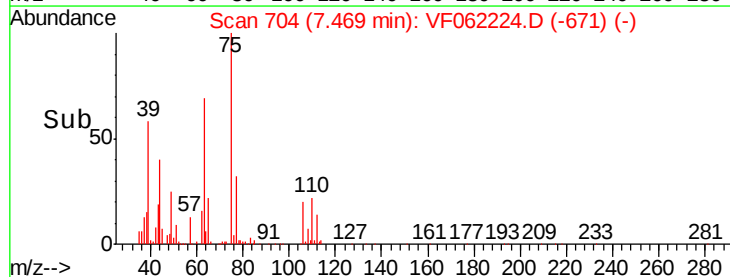
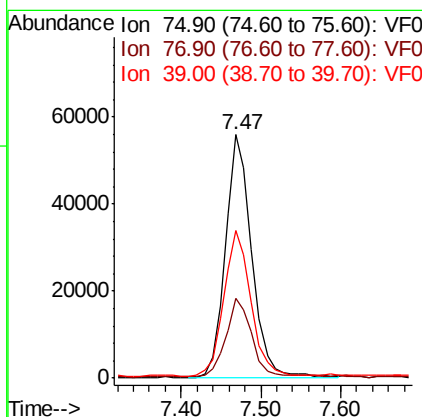
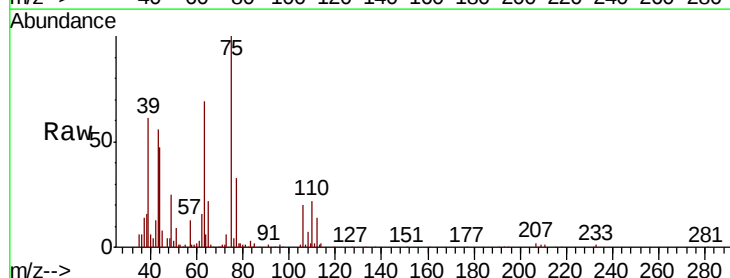
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0419SBS01

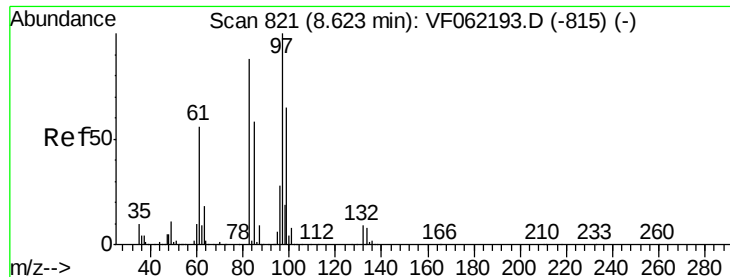
Tgt Ion: 75 Resp: 101593  
 Ion Ratio Lower Upper  
 75 100  
 77 32.9 24.6 36.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 20.171 ug/l  
 RT: 7.47 min Scan# 704  
 Delta R.T. 0.03 min  
 Lab File: VF062224.D  
 Acq: 19 Apr 2019 14:51

Tgt Ion: 75 Resp: 128804  
 Ion Ratio Lower Upper  
 75 100  
 77 32.5 26.4 39.6  
 39 60.1 46.7 70.1





#55

1,1,2-Trichloroethane

Concen: 21.013 ug/l

RT: 8.65 min Scan# 824

Delta R.T. 0.03 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Instrument :

MSVOA\_F

ClientSampleId :

VF0419SBS01

Tgt Ion: 97 Resp: 58971

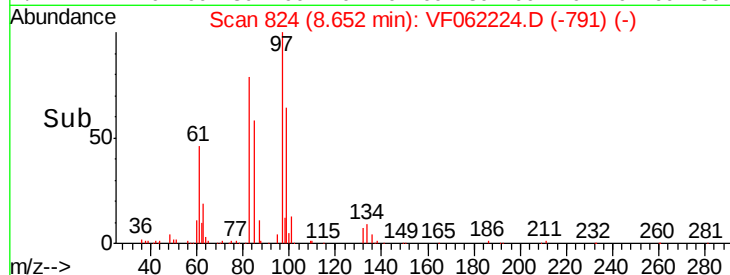
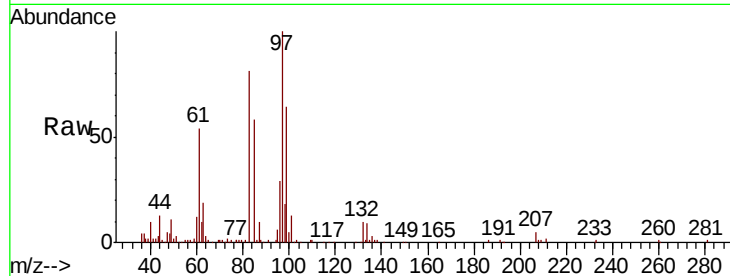
Ion Ratio Lower Upper

97 100

83 80.9 70.2 105.2

85 57.9 46.2 69.4

99 64.3 52.2 78.4

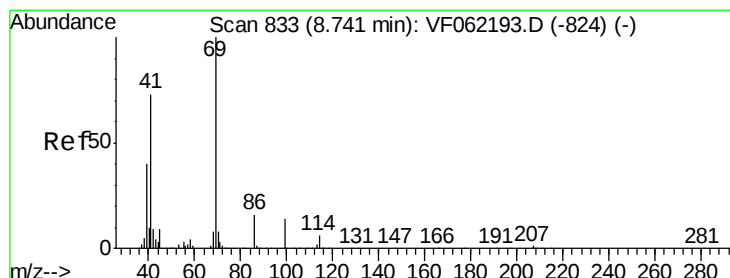
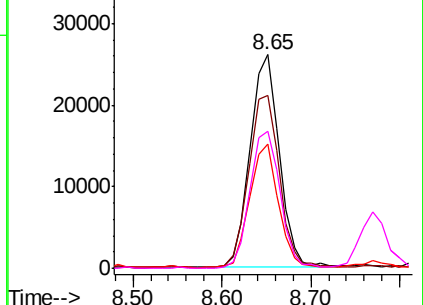


Abundance Ion 96.90 (96.60 to 97.60): VF0

Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0

Ion 98.90 (98.60 to 99.60): VF0



#56

Ethyl methacrylate

Concen: 20.662 ug/l

RT: 8.77 min Scan# 836

Delta R.T. 0.03 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

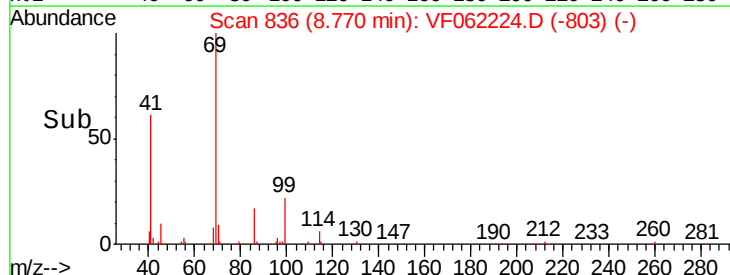
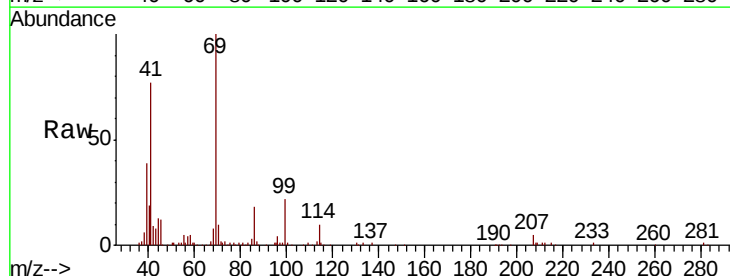
Tgt Ion: 69 Resp: 65927

Ion Ratio Lower Upper

69 100

41 77.7 61.5 92.3

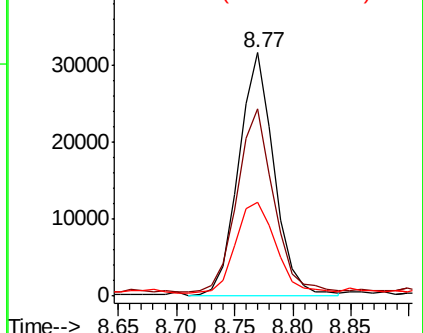
39 43.3 33.3 49.9

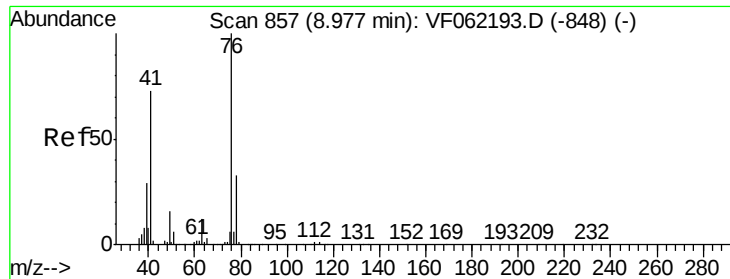


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 21.433 ug/l

RT: 9.01 min Scan# 860

Delta R.T. 0.03 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Instrument :

MSVOA\_F

ClientSampleId :

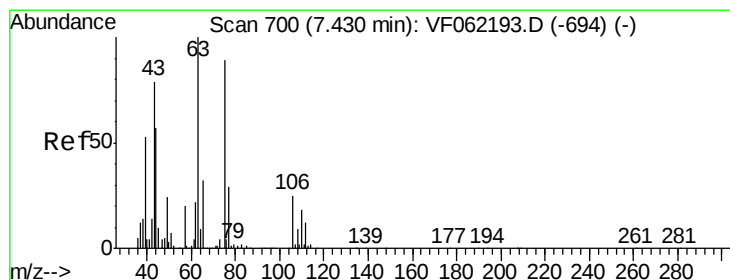
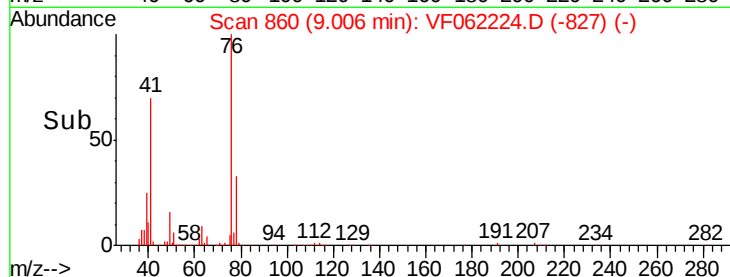
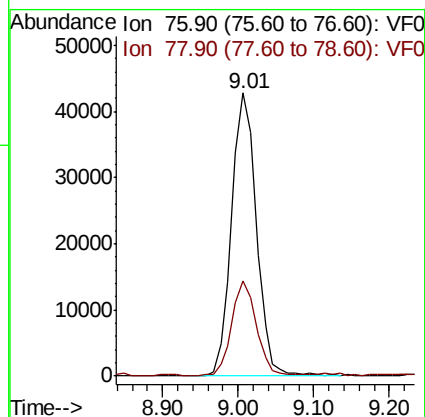
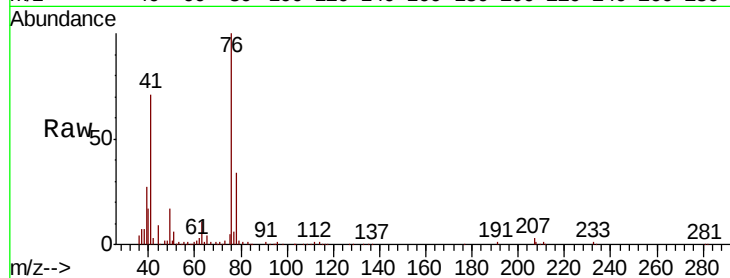
VF0419SBS01

Tgt Ion: 76 Resp: 97130

Ion Ratio Lower Upper

76 100

78 32.9 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 106.462 ug/l

RT: 7.46 min Scan# 703

Delta R.T. 0.03 min

Lab File: VF062224.D

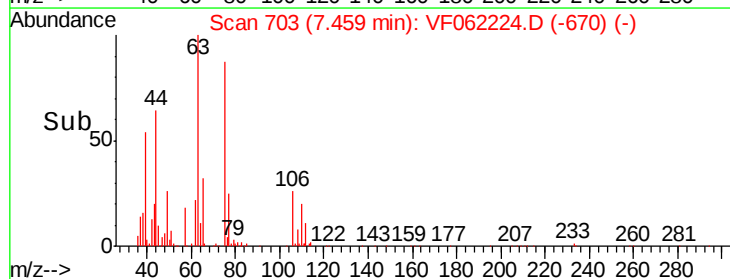
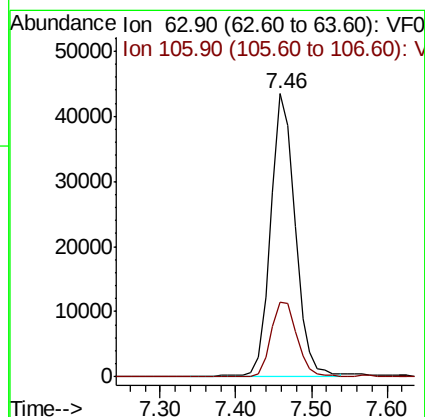
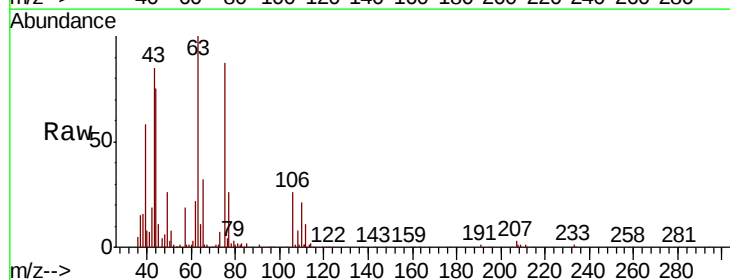
Acq: 19 Apr 2019 14:51

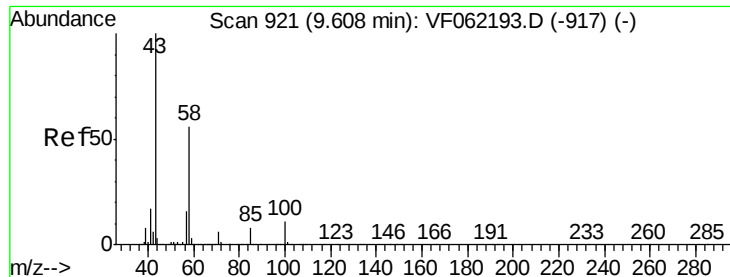
Tgt Ion: 63 Resp: 98625

Ion Ratio Lower Upper

63 100

106 28.1 21.4 32.0

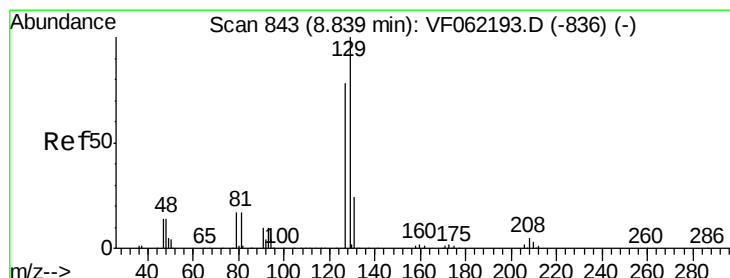
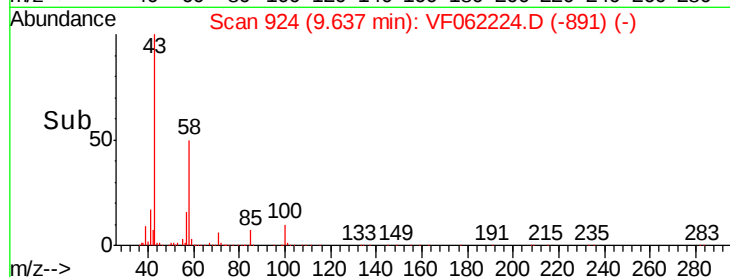
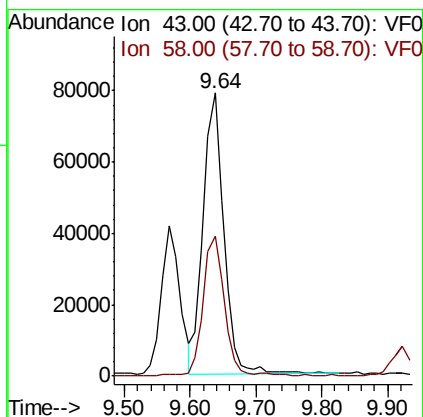
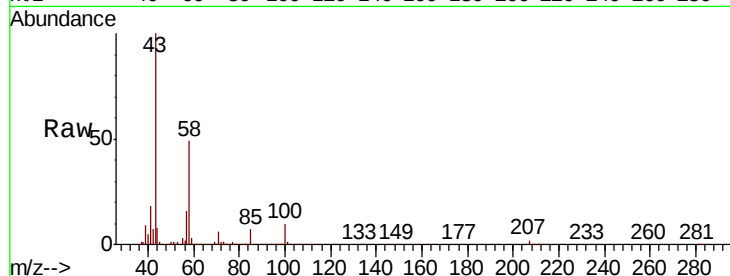




#59  
2-Hexanone  
Concen: 100.226 ug/l  
RT: 9.64 min Scan# 924  
Delta R.T. 0.03 min  
Lab File: VF062224.D  
Acq: 19 Apr 2019 14:51

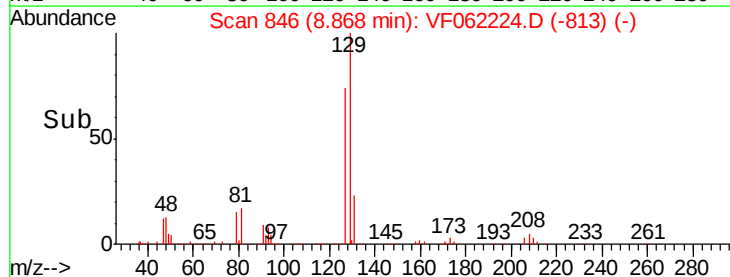
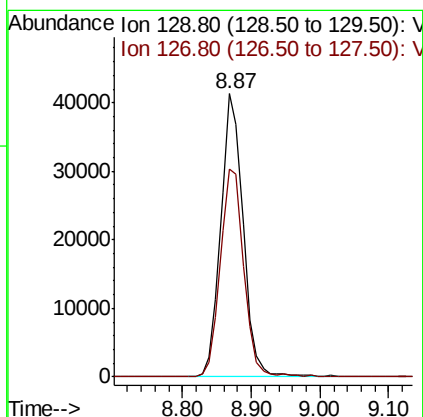
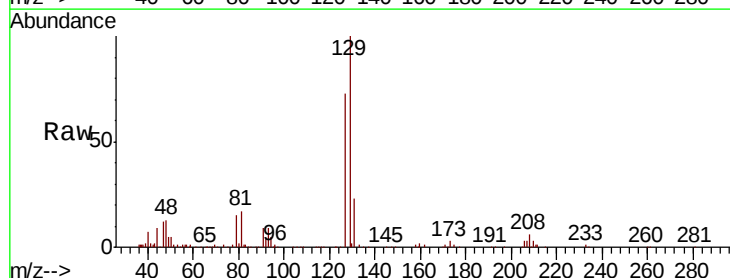
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0419SBS01

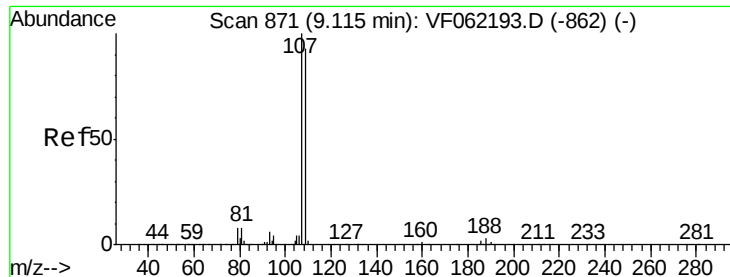
Tgt Ion: 43 Resp: 167031  
Ion Ratio Lower Upper  
43 100  
58 49.2 24.6 74.0



#60  
Dibromochloromethane  
Concen: 22.364 ug/l  
RT: 8.87 min Scan# 846  
Delta R.T. 0.03 min  
Lab File: VF062224.D  
Acq: 19 Apr 2019 14:51

Tgt Ion: 129 Resp: 93340  
Ion Ratio Lower Upper  
129 100  
127 76.4 39.0 117.0





#61

1,2-Dibromoethane

Concen: 22.398 ug/l

RT: 9.14 min Scan# 874

Delta R.T. 0.03 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Instrument :

MSVOA\_F

ClientSampleId :

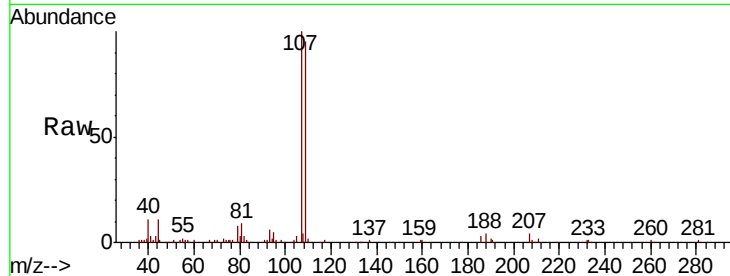
VF0419SBSD01

Tgt Ion: 107 Resp: 70818

Ion Ratio Lower Upper

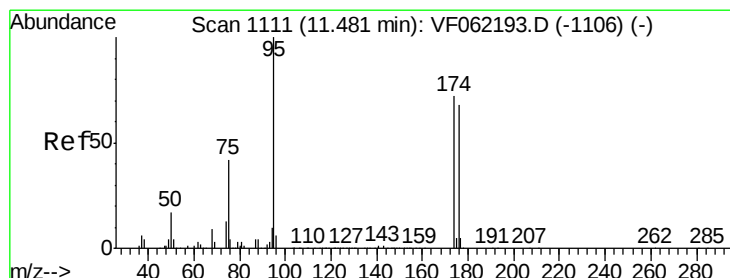
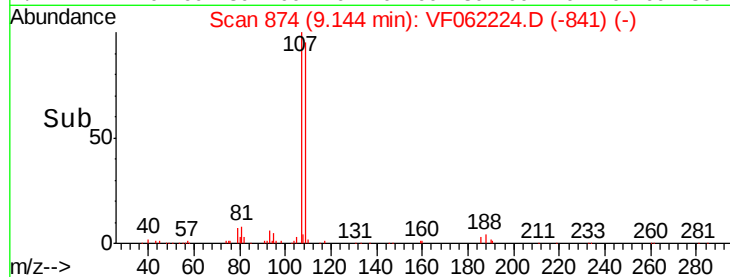
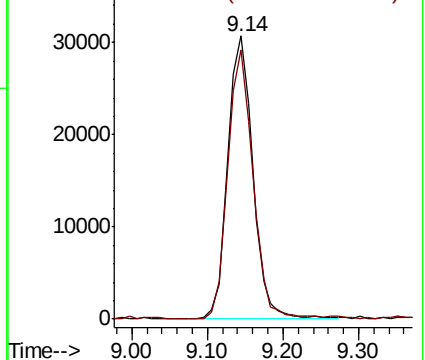
107 100

109 94.2 74.3 111.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.857 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

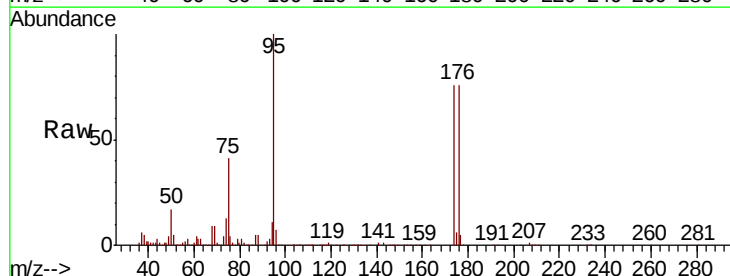
Tgt Ion: 95 Resp: 282394

Ion Ratio Lower Upper

95 100

174 87.3 0.0 159.4

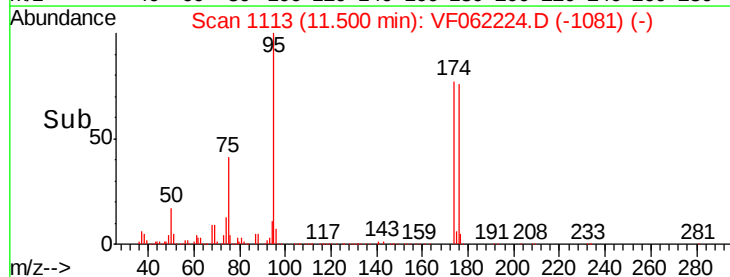
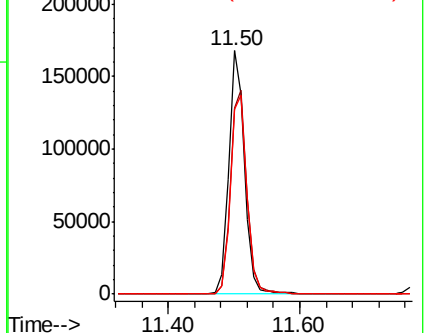
176 85.9 0.0 155.4

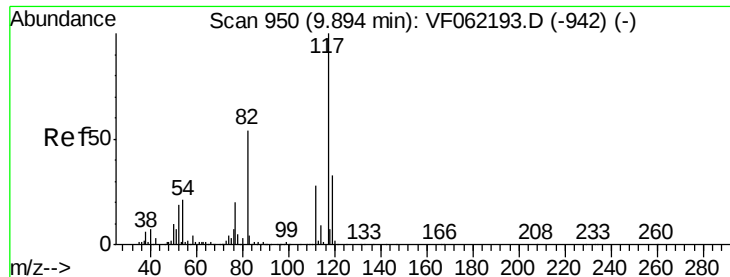


Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

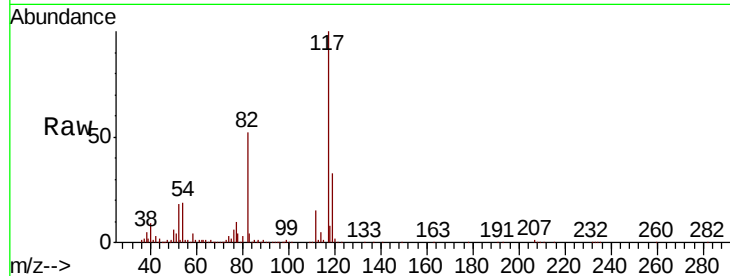




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.92 min Scan# 953  
Delta R.T. 0.03 min  
Lab File: VF062224.D  
Acq: 19 Apr 2019 14:51

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0419SBS01

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 52.0  | 43.2  | 64.8  |
| 119     | 33.2  | 26.2  | 39.4  |

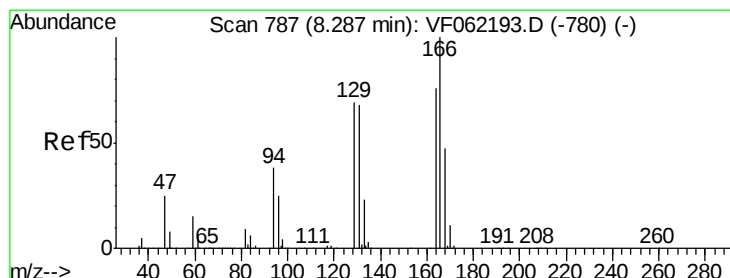
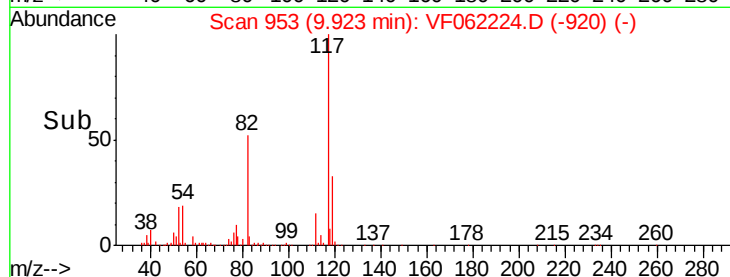
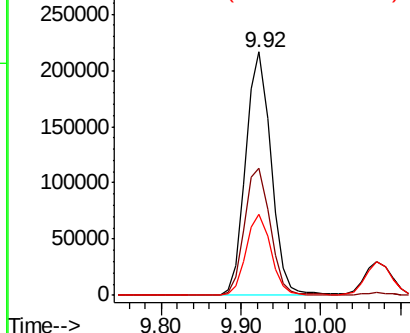


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VF0

Ion 118.90 (118.60 to 119.60): V



#64  
Tetrachloroethene  
Concen: 22.571 ug/l  
RT: 8.32 min Scan# 790  
Delta R.T. 0.03 min  
Lab File: VF062224.D  
Acq: 19 Apr 2019 14:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 132.6 | 104.7 | 157.1 |
| 129     | 90.2  | 72.6  | 109.0 |
| 131     | 84.5  | 71.6  | 107.4 |

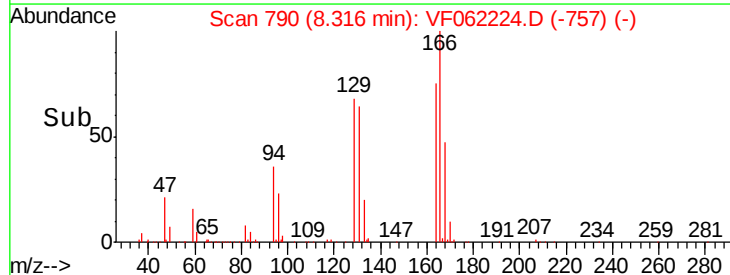
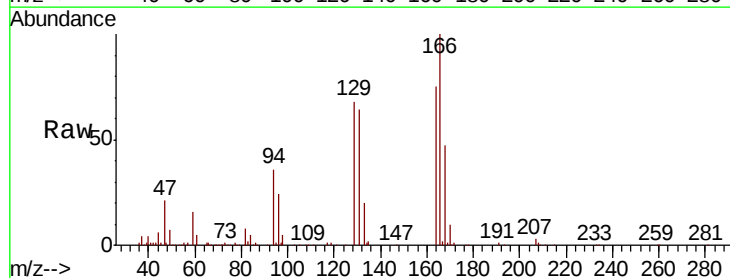
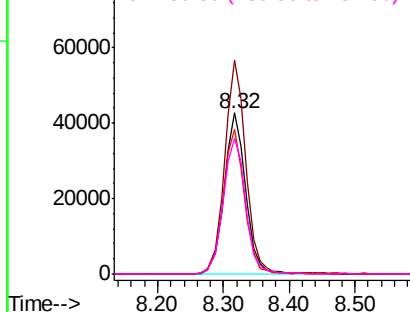
Abundance

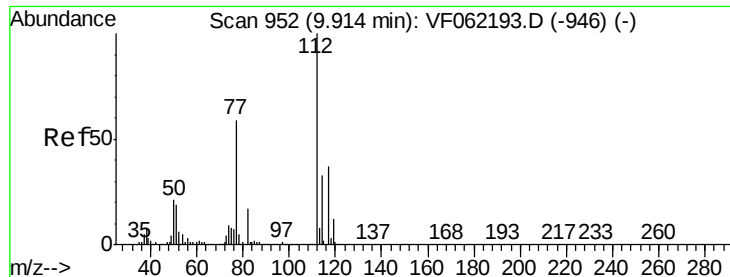
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 21.870 ug/l

RT: 9.94 min Scan# 955

Delta R.T. 0.03 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Instrument :

MSVOA\_F

ClientSampleId :

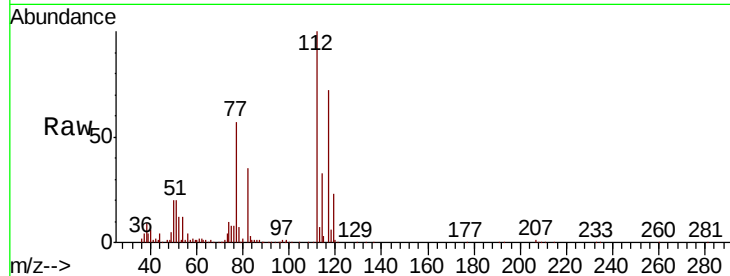
VF0419SBS01

Tgt Ion:112 Resp: 222302

Ion Ratio Lower Upper

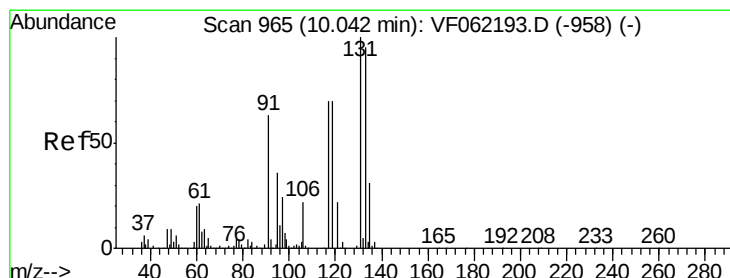
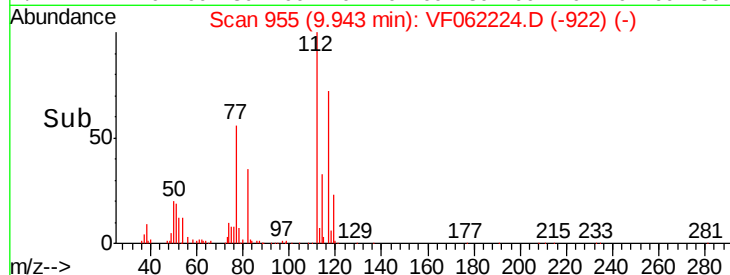
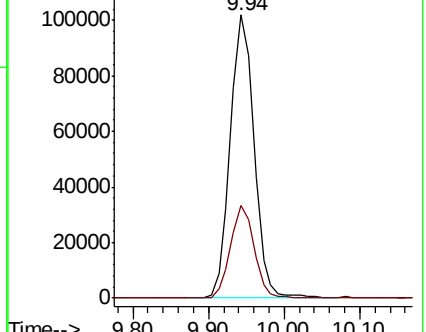
112 100

114 32.9 26.1 39.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 21.034 ug/l

RT: 10.07 min Scan# 968

Delta R.T. 0.03 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

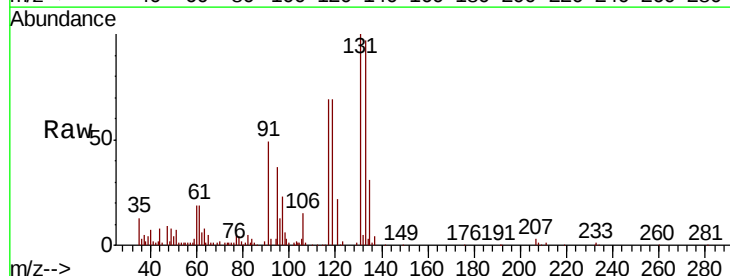
Tgt Ion:131 Resp: 100122

Ion Ratio Lower Upper

131 100

133 94.4 47.7 143.1

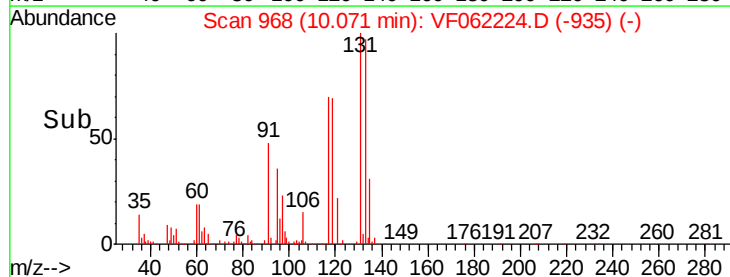
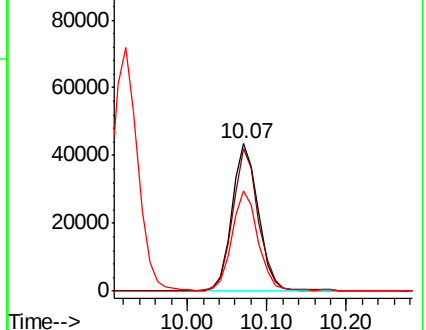
119 66.7 34.6 103.9

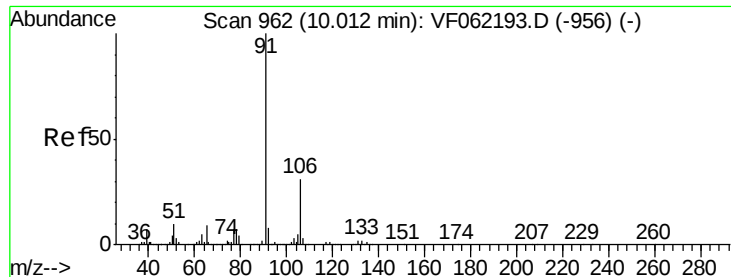


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 21.273 ug/l

RT: 10.04 min Scan# 965

Delta R.T. 0.03 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Instrument :

MSVOA\_F

ClientSampleId :

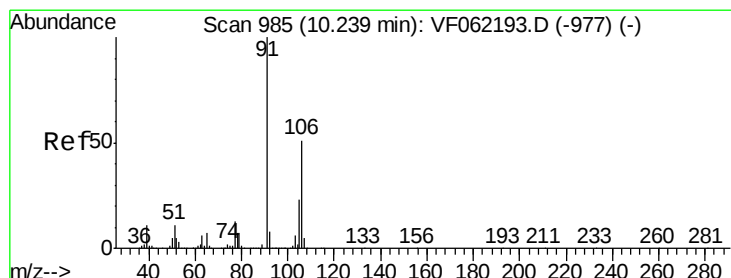
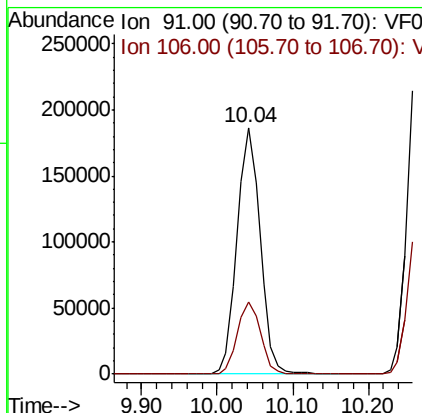
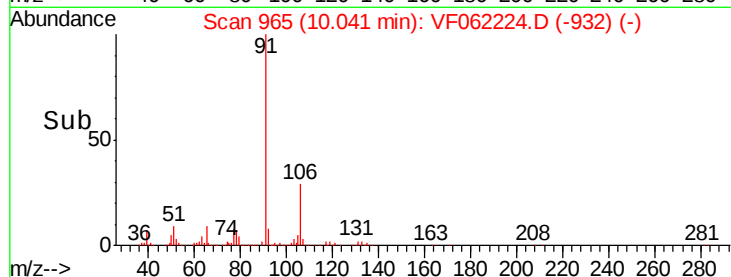
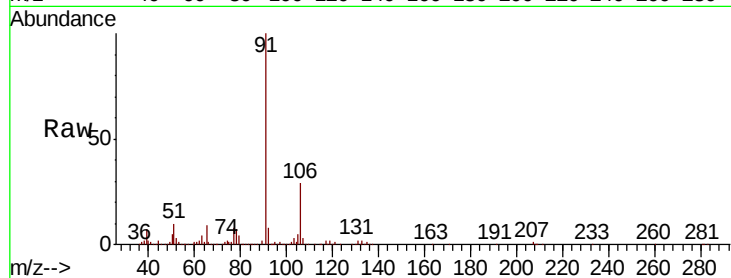
VF0419SBS01

Tgt Ion: 91 Resp: 393193

Ion Ratio Lower Upper

91 100

106 29.2 24.9 37.3



#68

m/p-Xylenes

Concen: 43.002 ug/l

RT: 10.27 min Scan# 988

Delta R.T. 0.03 min

Lab File: VF062224.D

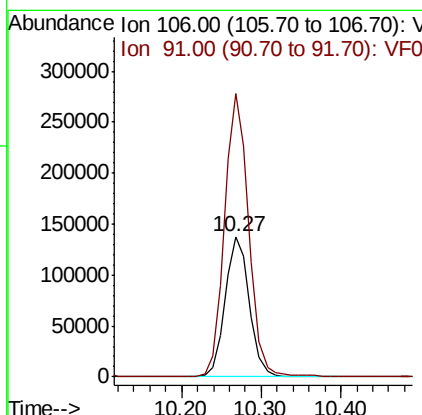
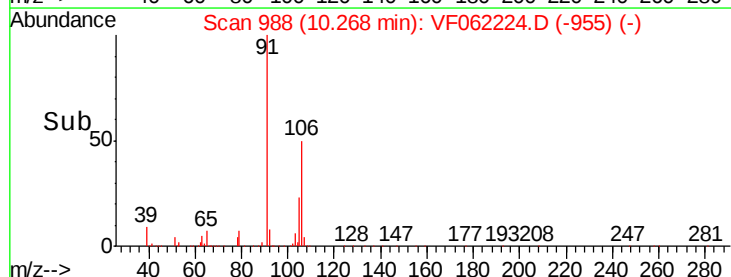
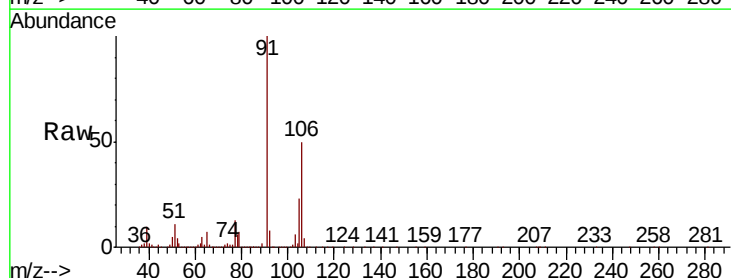
Acq: 19 Apr 2019 14:51

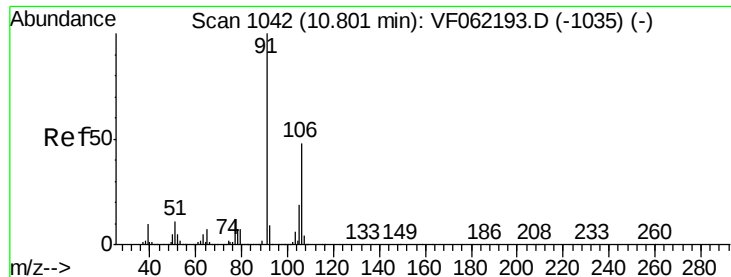
Tgt Ion: 106 Resp: 292592

Ion Ratio Lower Upper

106 100

91 201.9 159.1 238.7

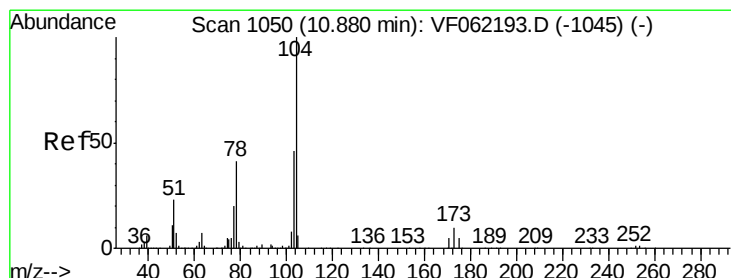
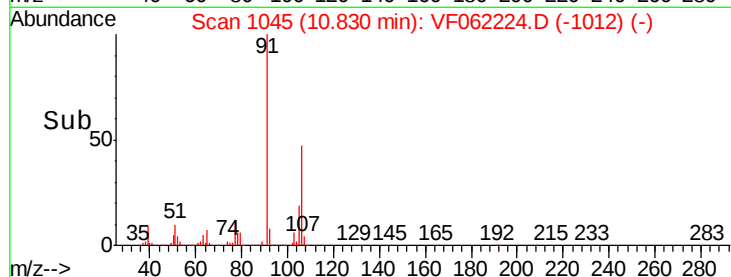
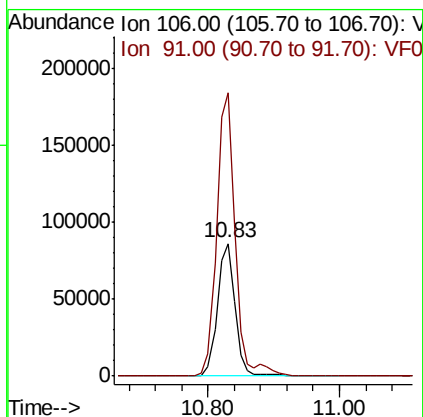
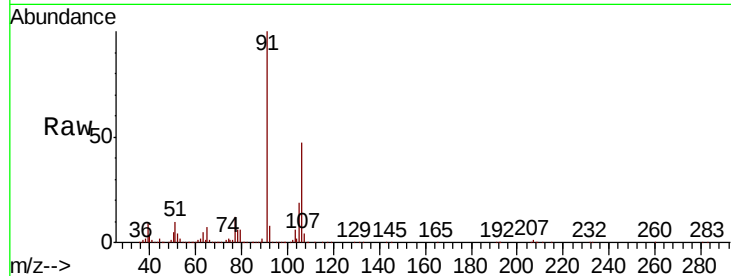




#69  
o-Xylene  
Concen: 21.259 ug/l  
RT: 10.83 min Scan# 1045  
Delta R.T. 0.03 min  
Lab File: VF062224.D  
Acq: 19 Apr 2019 14:51

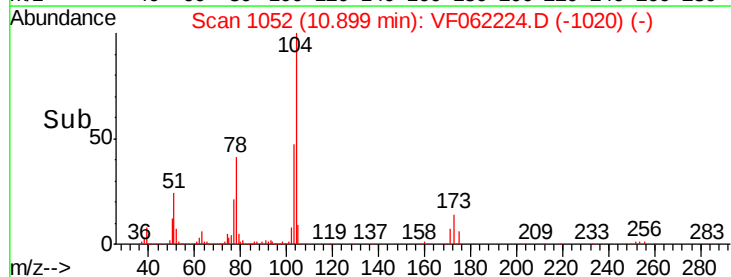
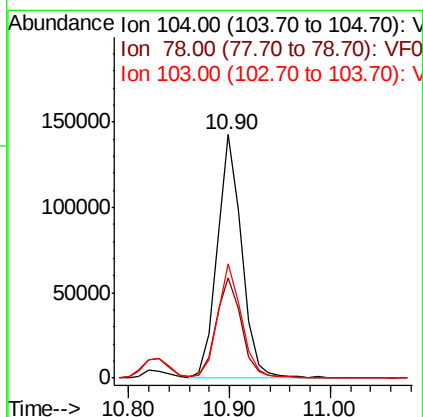
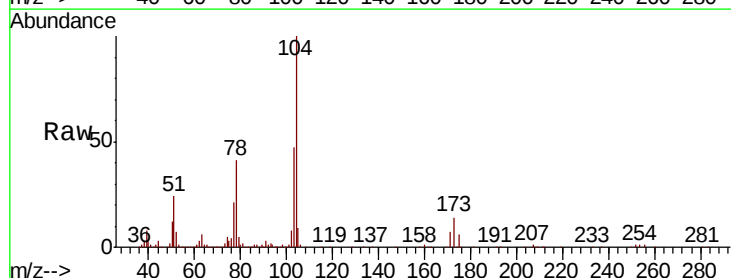
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0419SBS01

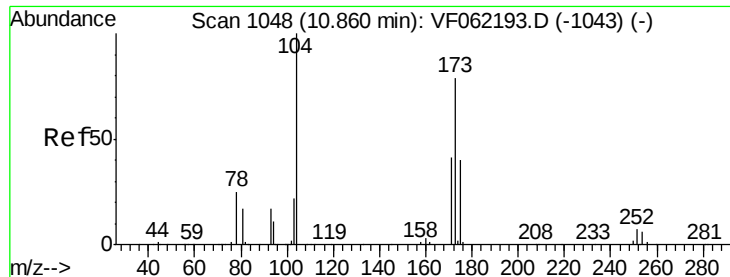
Tgt Ion:106 Resp: 160604  
Ion Ratio Lower Upper  
106 100  
91 221.1 107.5 322.4



#70  
Styrene  
Concen: 22.414 ug/l  
RT: 10.90 min Scan# 1052  
Delta R.T. 0.02 min  
Lab File: VF062224.D  
Acq: 19 Apr 2019 14:51

Tgt Ion:104 Resp: 238953  
Ion Ratio Lower Upper  
104 100  
78 43.7 34.5 51.7  
103 46.7 37.2 55.8





#71

Bromoform

Concen: 23.188 ug/l

RT: 10.89 min Scan# 1051

Delta R.T. 0.03 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Instrument :

MSVOA\_F

ClientSampleId :

VF0419SBS01

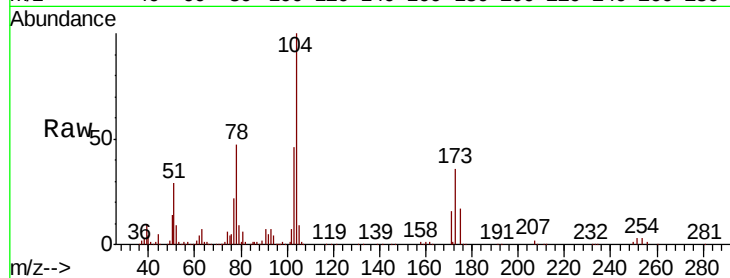
Tgt Ion:173 Resp: 58276

Ion Ratio Lower Upper

173 100

175 47.3 24.5 73.5

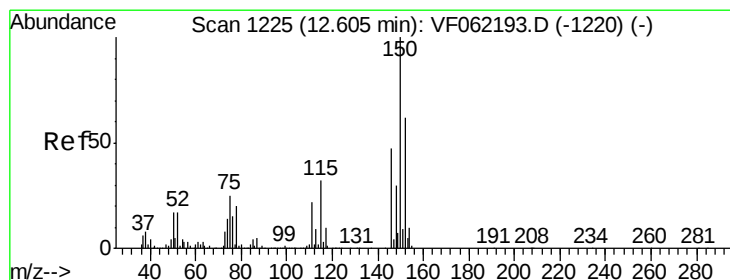
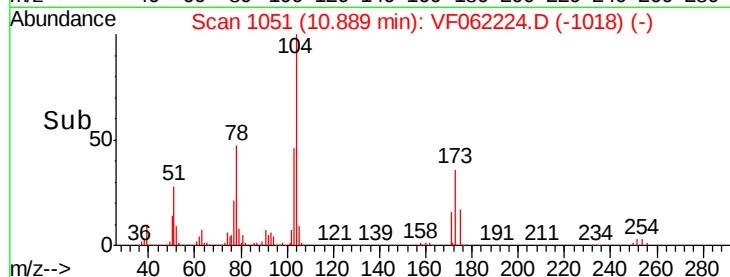
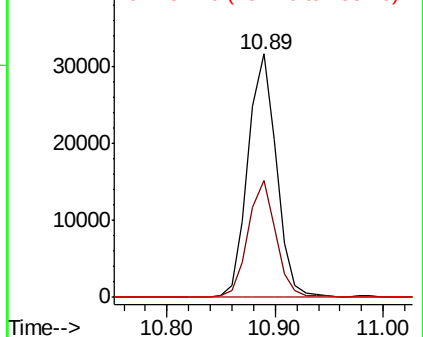
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1227

Delta R.T. 0.02 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

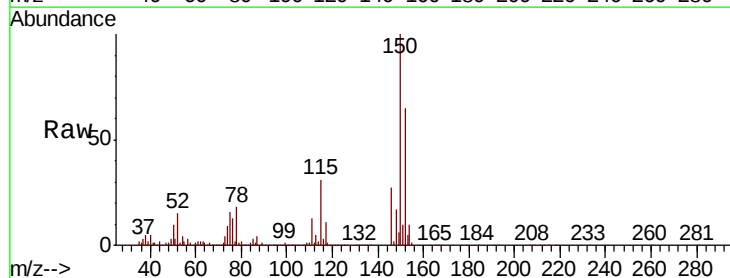
Tgt Ion:152 Resp: 273615

Ion Ratio Lower Upper

152 100

115 53.5 27.8 83.3

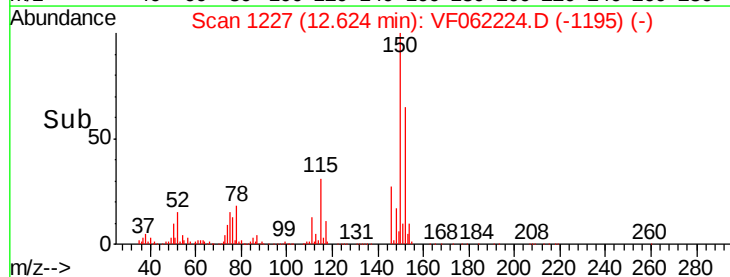
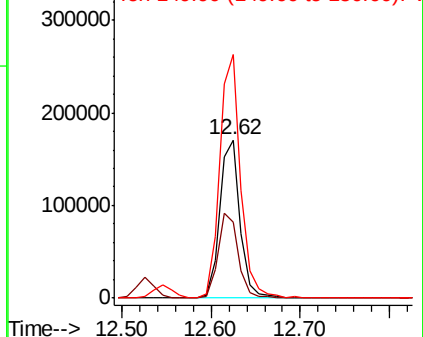
150 157.7 0.0 341.8

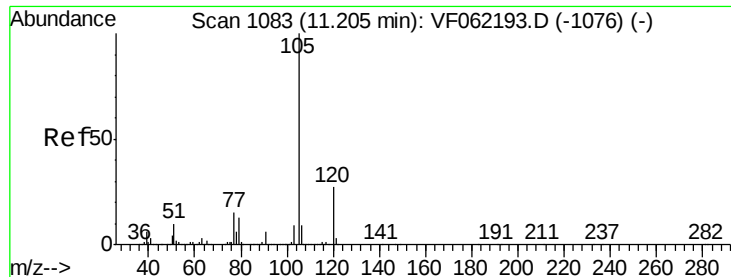


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.860 ug/l

RT: 11.22 min Scan# 1085

Delta R.T. 0.02 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Instrument :

MSVOA\_F

ClientSampleId :

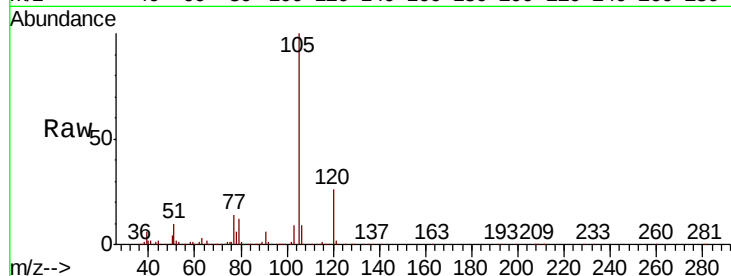
VF0419SBS01

Tgt Ion: 105 Resp: 466783

Ion Ratio Lower Upper

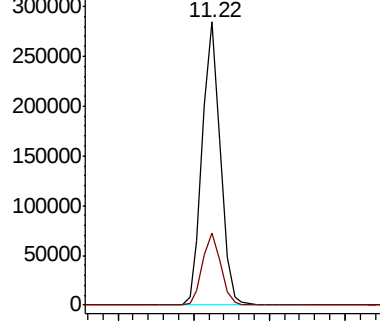
105 100

120 25.8 13.0 38.9

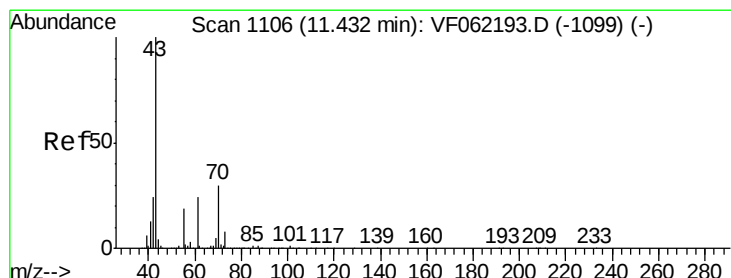
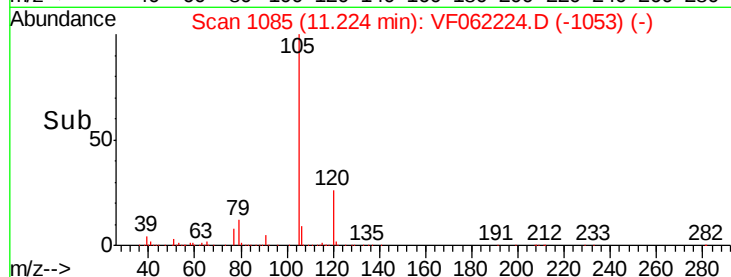


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



Time-->



#74

N-ethyl acetate

Concen: 18.465 ug/l

RT: 11.45 min Scan# 1108

Delta R.T. 0.02 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Tgt Ion: 43 Resp: 110701

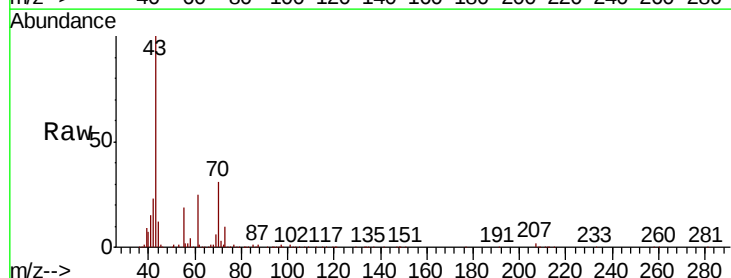
Ion Ratio Lower Upper

43 100

70 35.5 27.0 40.4

55 21.6 15.7 23.5

61 24.8 20.8 31.2

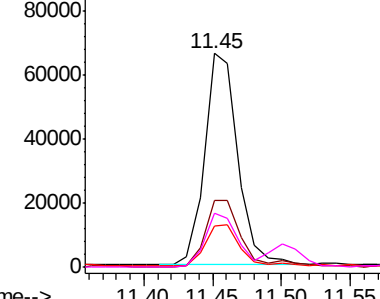


Abundance Ion 43.00 (42.70 to 43.70): VF0

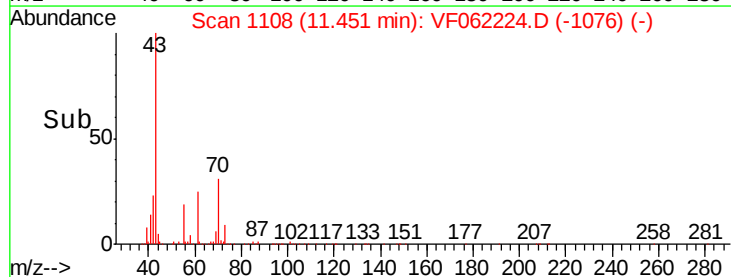
Ion 70.00 (69.70 to 70.70): VF0

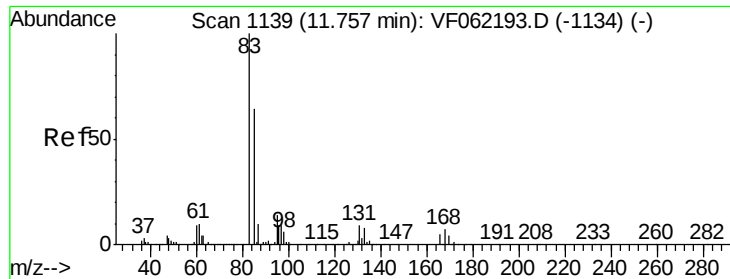
Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0



Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.290 ug/l

RT: 11.78 min Scan# 1141

Delta R.T. 0.02 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Instrument :

MSVOA\_F

ClientSampleId :

VF0419SBS01

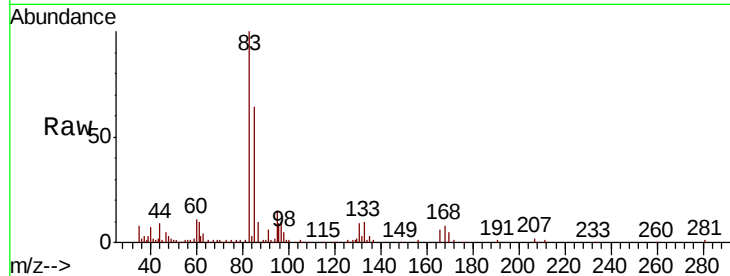
Tgt Ion: 83 Resp: 77971

Ion Ratio Lower Upper

83 100

131 10.5 4.5 13.5

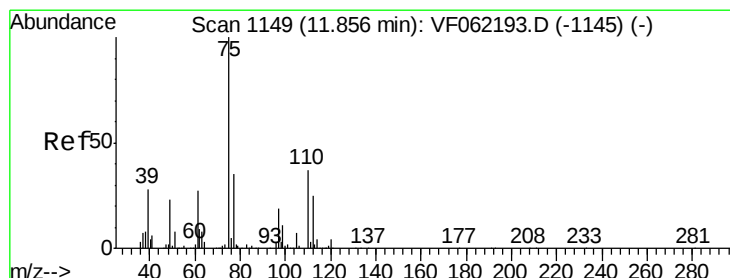
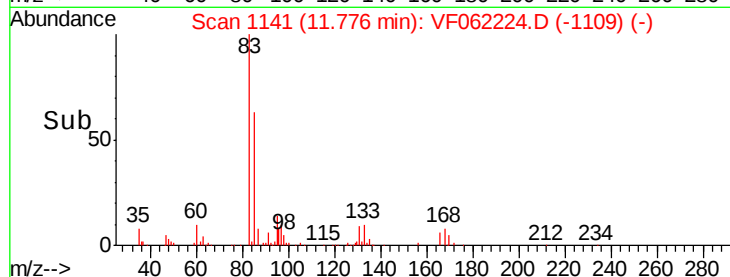
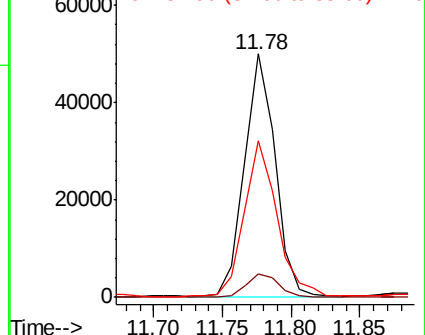
85 69.3 34.7 104.1



Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VF0



#76

1,2,3-Trichloropropane

Concen: 19.022 ug/l

RT: 11.87 min Scan# 1151

Delta R.T. 0.02 min

Lab File: VF062224.D

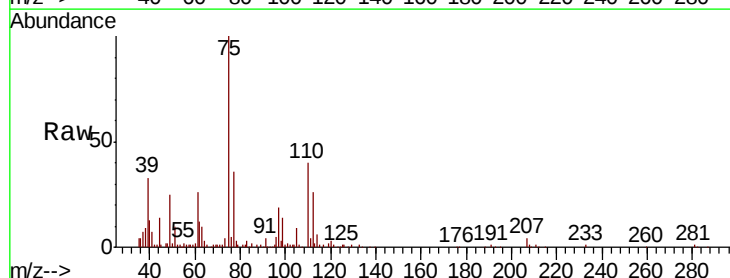
Acq: 19 Apr 2019 14:51

Tgt Ion: 75 Resp: 52900

Ion Ratio Lower Upper

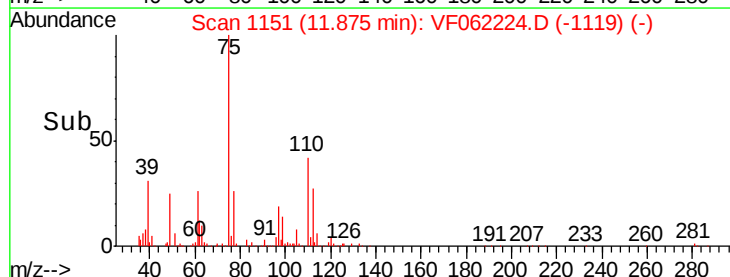
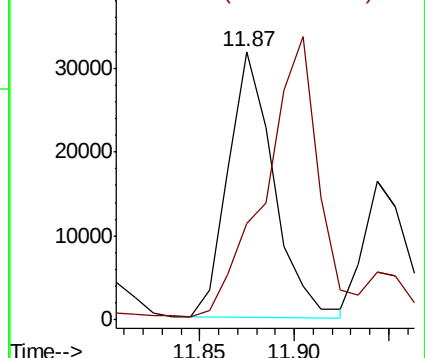
75 100

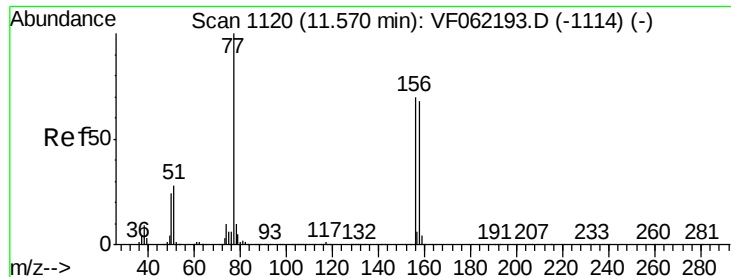
77 0.0 7.4 22.2#



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 21.609 ug/l

RT: 11.59 min Scan# 1122

Delta R.T. 0.02 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Instrument :

MSVOA\_F

ClientSampleId :

VF0419SBSD01

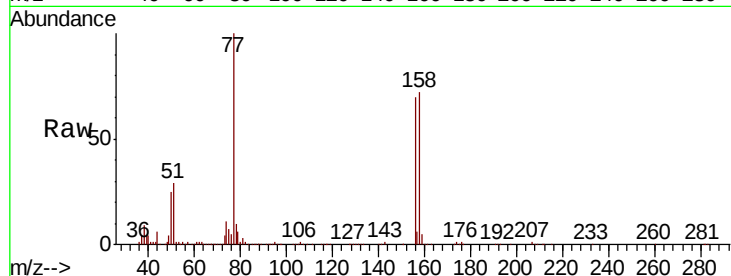
Tgt Ion: 156 Resp: 108799

Ion Ratio Lower Upper

156 100

77 145.7 80.9 242.7

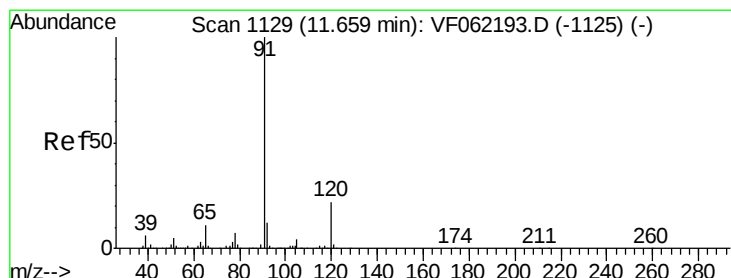
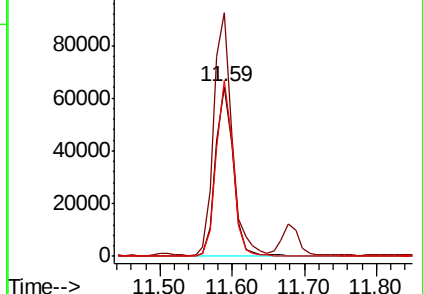
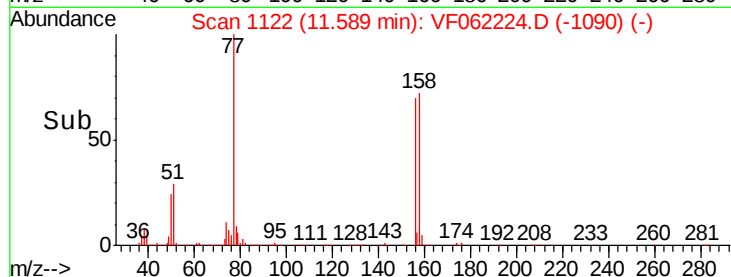
158 98.1 49.8 149.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.600 ug/l

RT: 11.68 min Scan# 1131

Delta R.T. 0.02 min

Lab File: VF062224.D

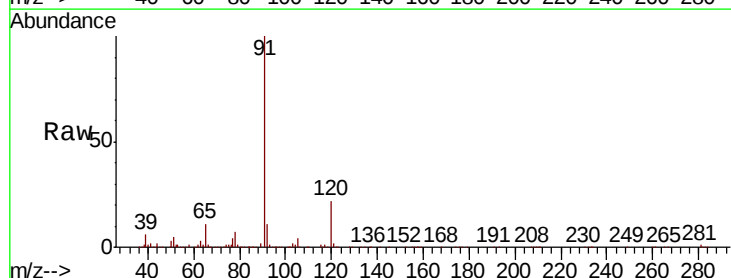
Acq: 19 Apr 2019 14:51

Tgt Ion: 91 Resp: 485969

Ion Ratio Lower Upper

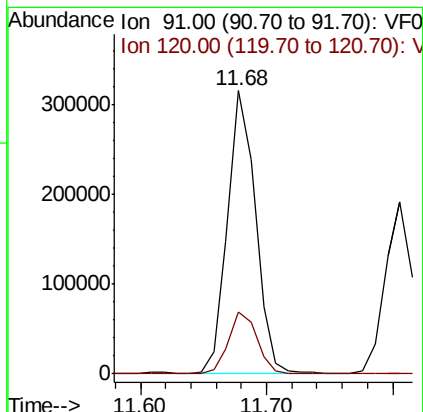
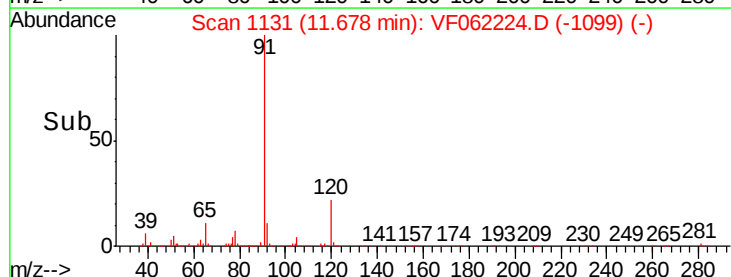
91 100

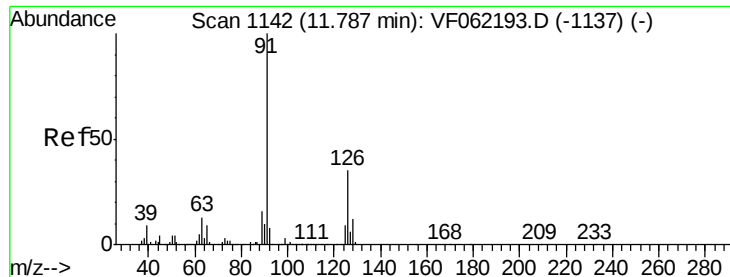
120 22.5 11.2 33.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V

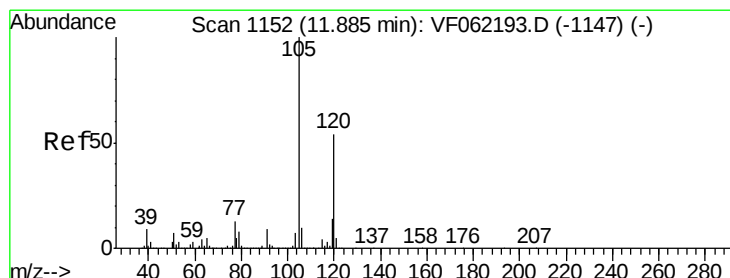
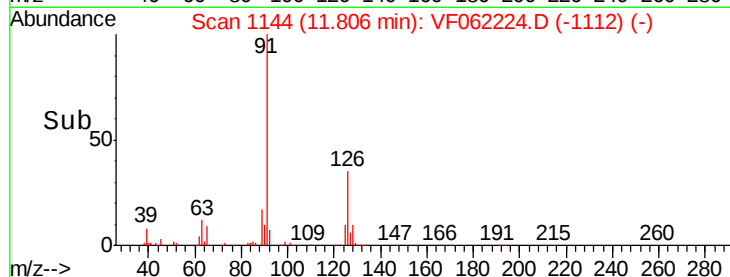
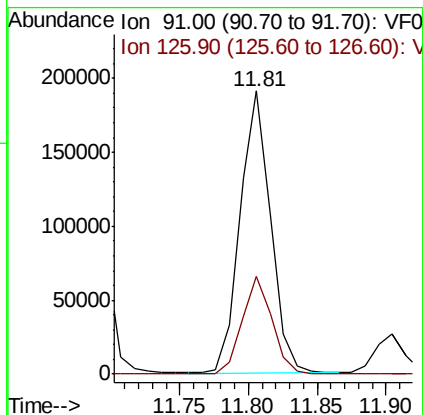
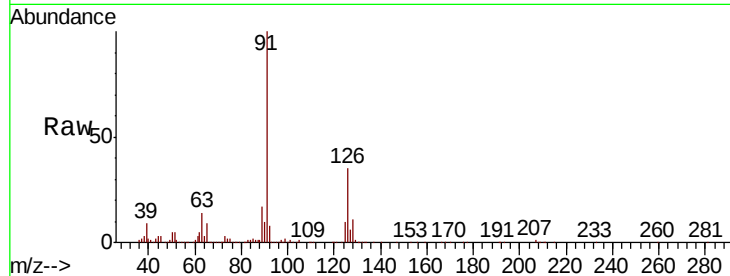




#79  
 2-Chlorotoluene  
 Concen: 19.569 ug/l  
 RT: 11.81 min Scan# 1144  
 Delta R.T. 0.02 min  
 Lab File: VF062224.D  
 Acq: 19 Apr 2019 14:51

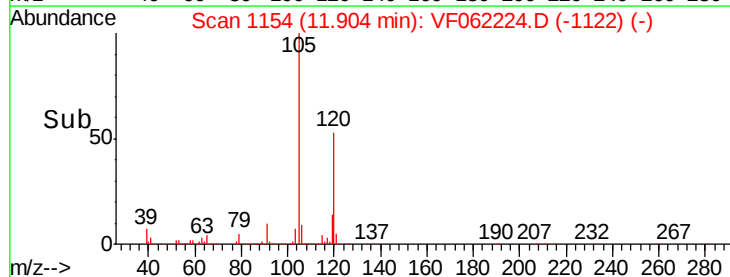
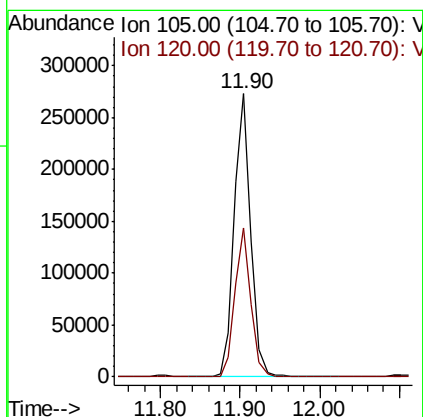
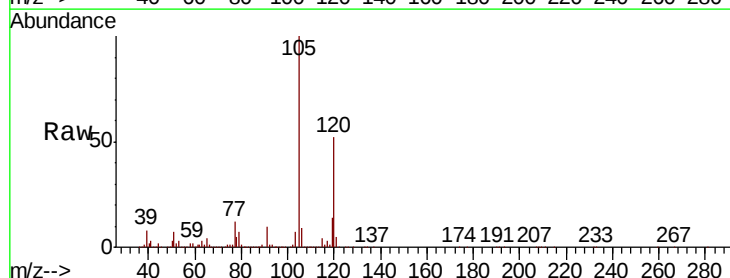
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0419SBS01

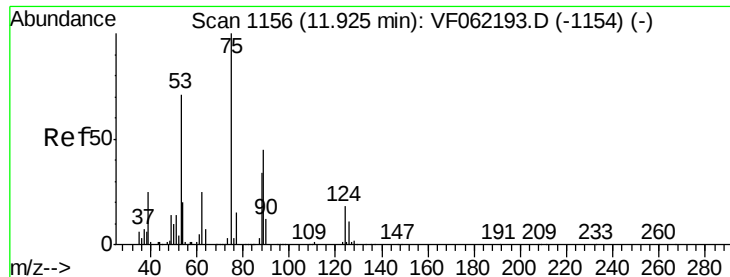
Tgt Ion: 91 Resp: 294325  
 Ion Ratio Lower Upper  
 91 100  
 126 34.4 16.9 50.6



#80  
 1,3,5-Trimethylbenzene  
 Concen: 20.269 ug/l  
 RT: 11.90 min Scan# 1154  
 Delta R.T. 0.02 min  
 Lab File: VF062224.D  
 Acq: 19 Apr 2019 14:51

Tgt Ion: 105 Resp: 396777  
 Ion Ratio Lower Upper  
 105 100  
 120 51.6 26.2 78.5





#81

trans-1,4-Dichloro-2-butene

Concen: 24.336 ug/l

RT: 11.94 min Scan# 1158

Delta R.T. 0.02 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Instrument :

MSVOA\_F

ClientSampleId :

VF0419SBS01

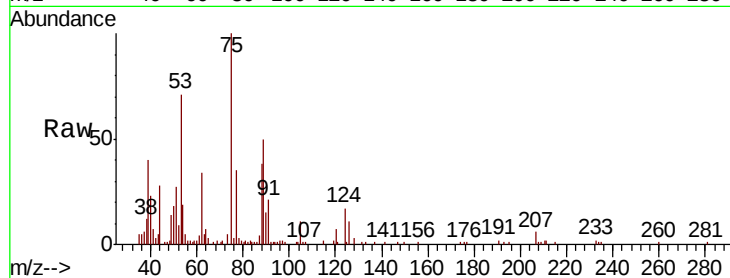
Tgt Ion: 75 Resp: 34515

Ion Ratio Lower Upper

75 100

53 52.2 50.2 75.4

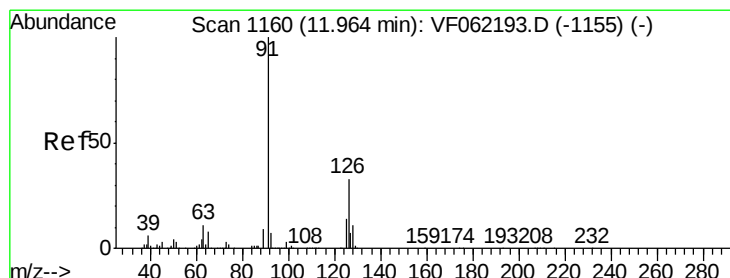
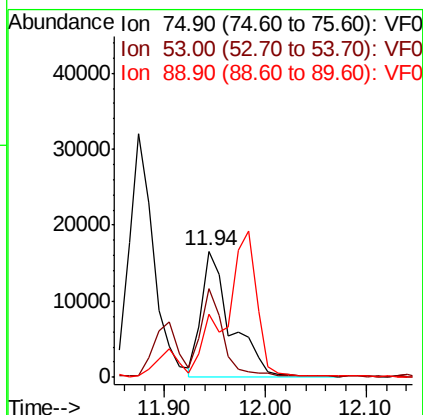
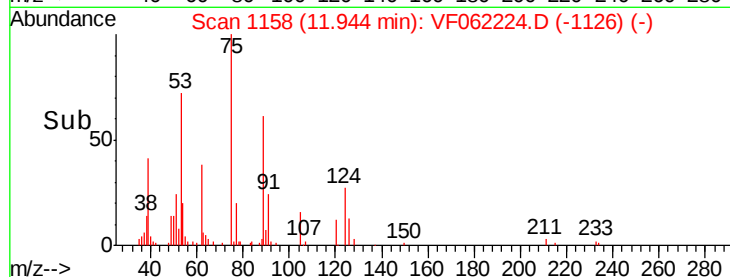
89 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 88.90 (88.60 to 89.60): VF0



#82

4-Chlorotoluene

Concen: 20.447 ug/l

RT: 11.98 min Scan# 1162

Delta R.T. 0.02 min

Lab File: VF062224.D

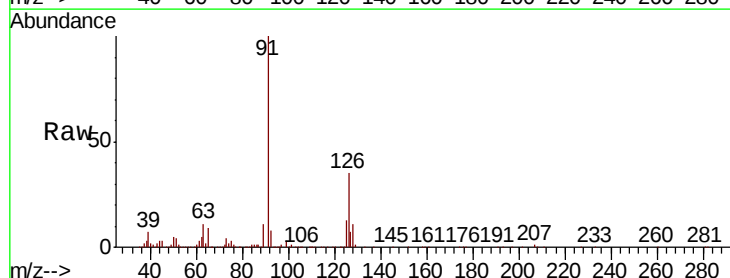
Acq: 19 Apr 2019 14:51

Tgt Ion: 91 Resp: 297205

Ion Ratio Lower Upper

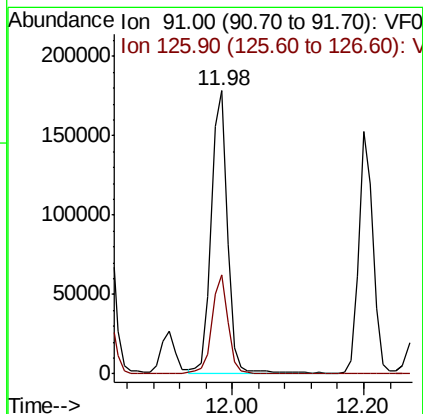
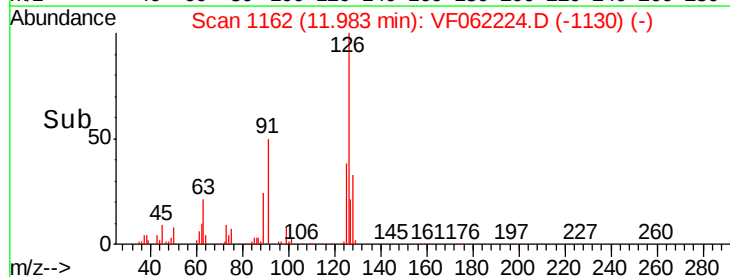
91 100

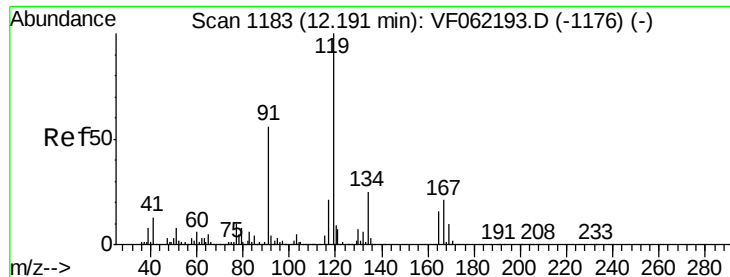
126 34.7 16.9 50.6



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 125.90 (125.60 to 126.60): V

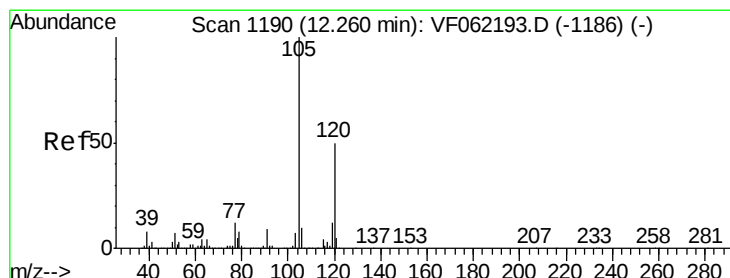
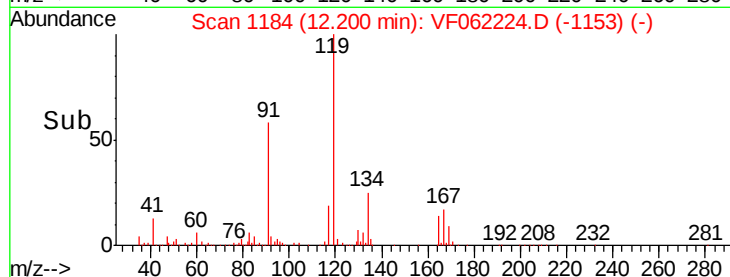
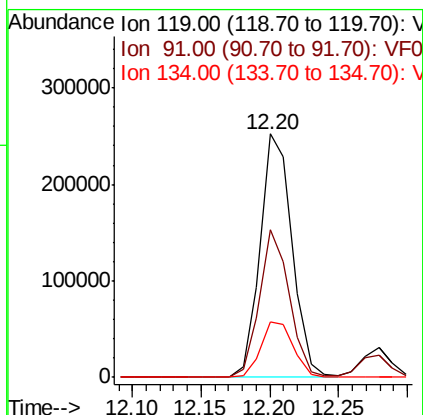
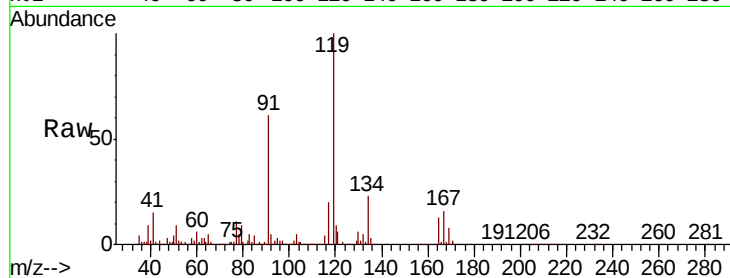




#83  
 tert-Butylbenzene  
 Concen: 20.154 ug/l  
 RT: 12.20 min Scan# 1184  
 Delta R.T. 0.01 min  
 Lab File: VF062224.D  
 Acq: 19 Apr 2019 14:51

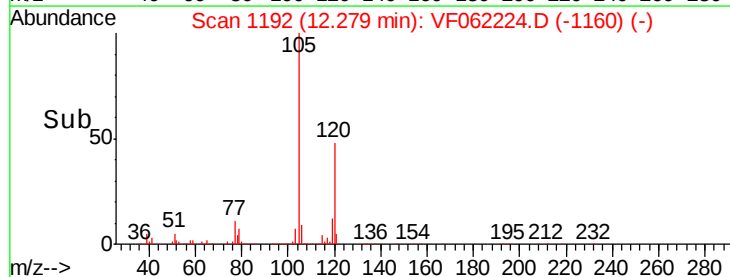
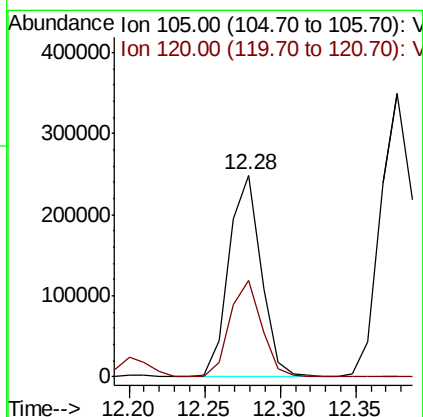
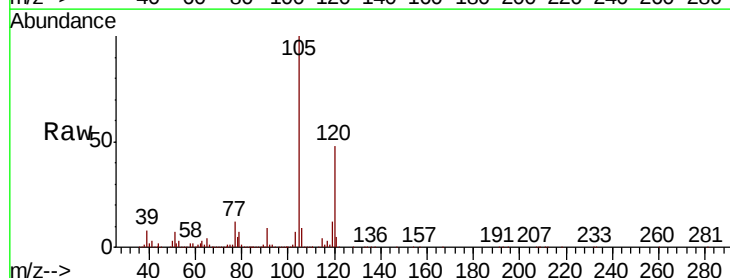
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0419SBS01

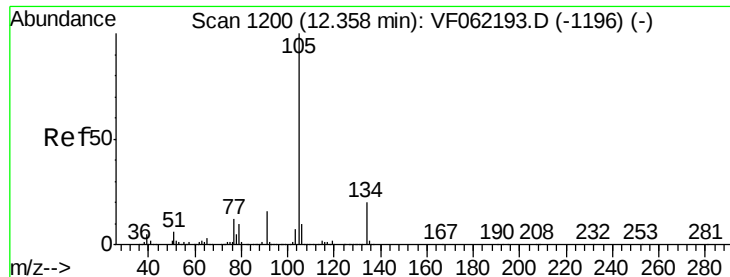
Tgt Ion:119 Resp: 407997  
 Ion Ratio Lower Upper  
 119 100  
 91 56.8 29.4 88.2  
 134 23.4 11.8 35.3



#84  
 1,2,4-Trimethylbenzene  
 Concen: 19.448 ug/l  
 RT: 12.28 min Scan# 1192  
 Delta R.T. 0.02 min  
 Lab File: VF062224.D  
 Acq: 19 Apr 2019 14:51

Tgt Ion:105 Resp: 368404  
 Ion Ratio Lower Upper  
 105 100  
 120 46.9 24.0 72.0

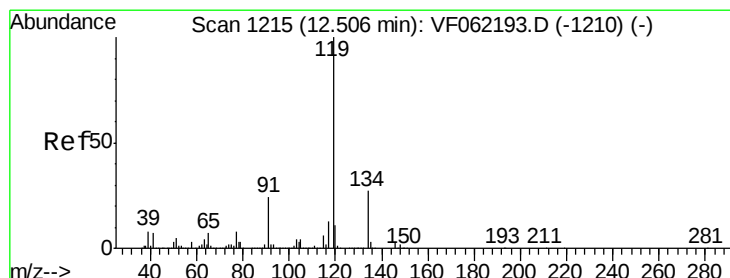
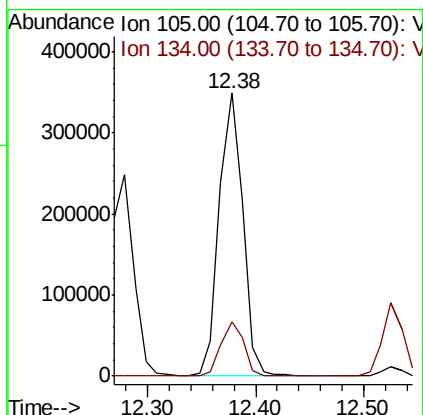
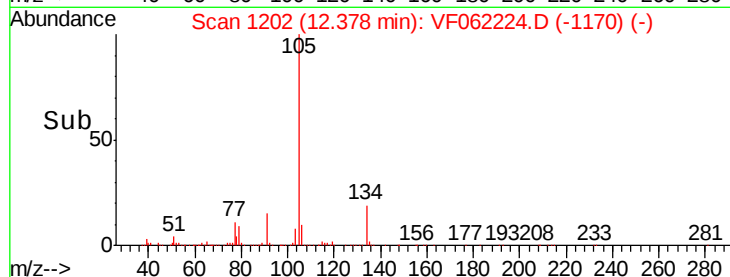
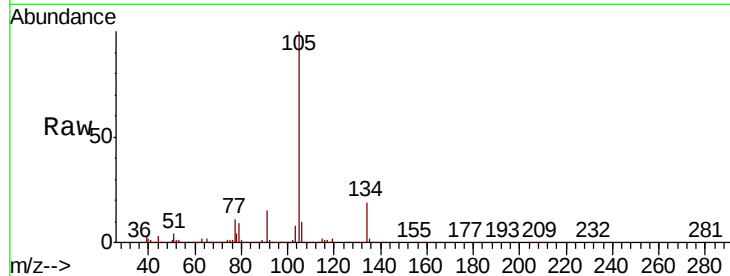




#85  
 sec-Butylbenzene  
 Concen: 20.203 ug/l  
 RT: 12.38 min Scan# 1202  
 Delta R.T. 0.02 min  
 Lab File: VF062224.D  
 Acq: 19 Apr 2019 14:51

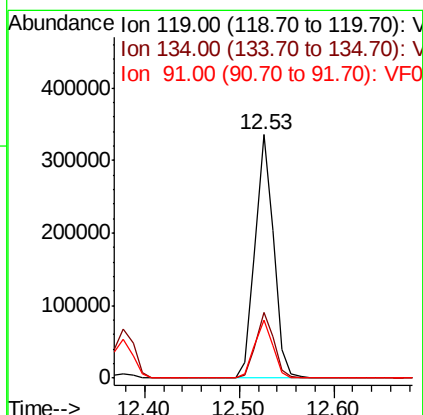
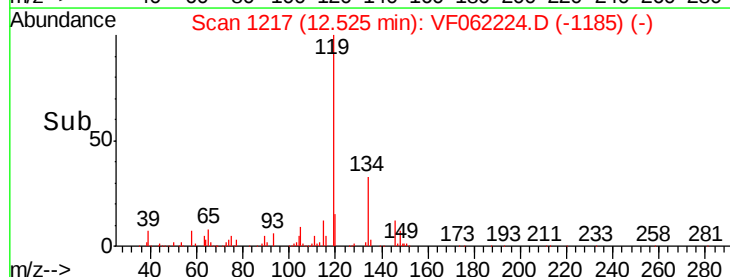
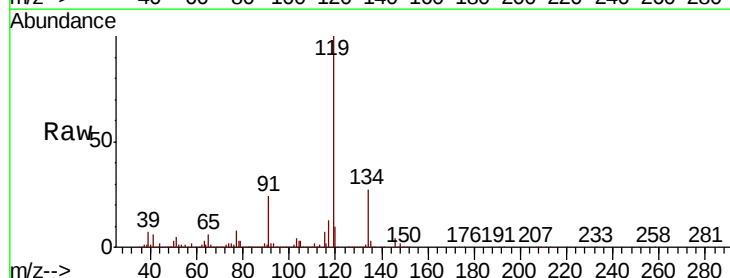
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0419SBS01

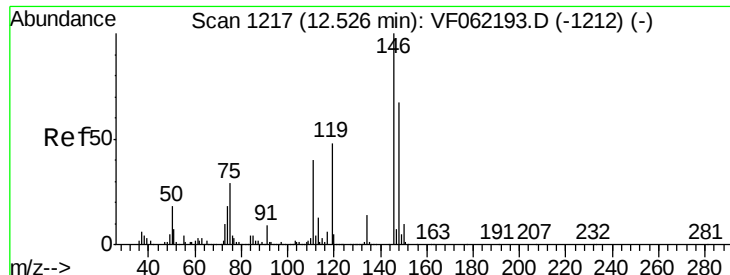
Tgt Ion:105 Resp: 530977  
 Ion Ratio Lower Upper  
 105 100  
 134 19.0 9.7 29.1



#86  
 p-Isopropyltoluene  
 Concen: 20.535 ug/l  
 RT: 12.53 min Scan# 1217  
 Delta R.T. 0.02 min  
 Lab File: VF062224.D  
 Acq: 19 Apr 2019 14:51

Tgt Ion:119 Resp: 457819  
 Ion Ratio Lower Upper  
 119 100  
 134 26.7 13.2 39.5  
 91 23.4 11.7 35.1

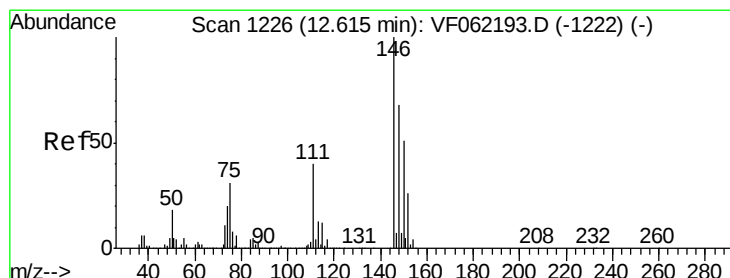
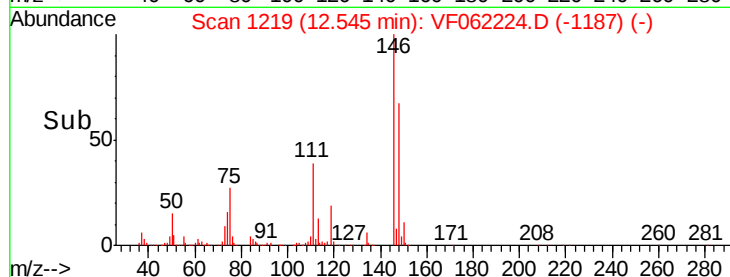
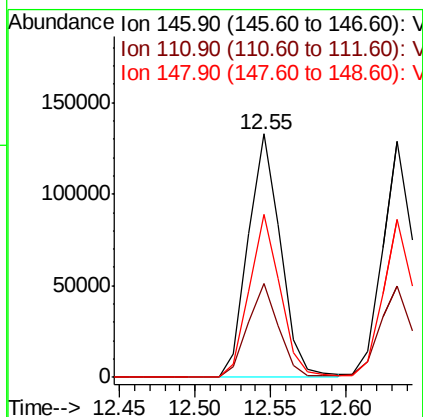
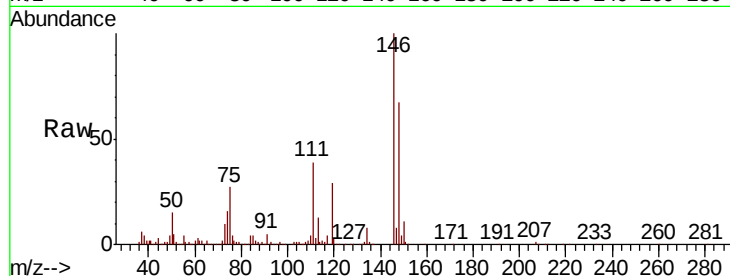




#87  
 1,3-Dichlorobenzene  
 Concen: 21.375 ug/l  
 RT: 12.55 min Scan# 1219  
 Delta R.T. 0.02 min  
 Lab File: VF062224.D  
 Acq: 19 Apr 2019 14:51

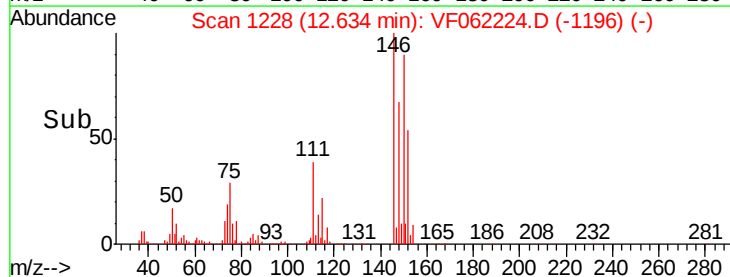
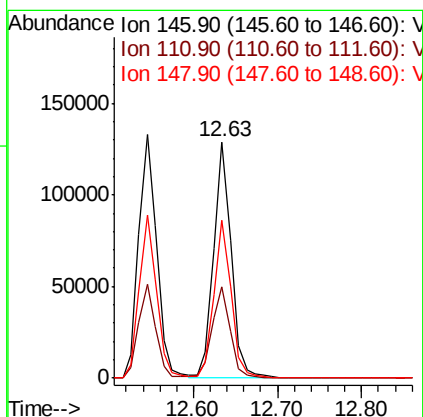
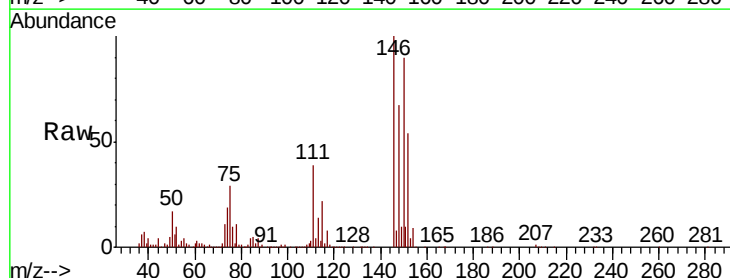
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0419SBS01

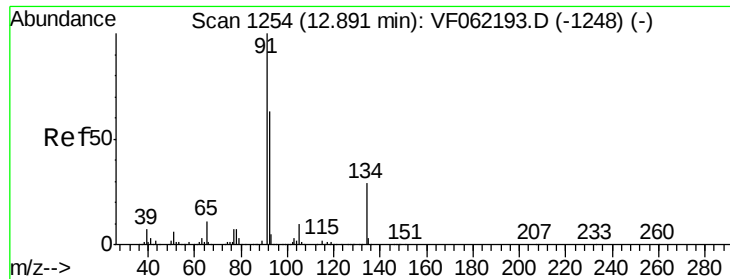
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.1  | 19.7  | 59.0  |
| 148     | 64.0  | 32.9  | 98.6  |



#88  
 1,4-Dichlorobenzene  
 Concen: 20.857 ug/l  
 RT: 12.63 min Scan# 1228  
 Delta R.T. 0.02 min  
 Lab File: VF062224.D  
 Acq: 19 Apr 2019 14:51

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 39.4  | 20.0  | 60.0  |
| 148     | 65.5  | 33.6  | 100.8 |





#89

n-Butylbenzene

Concen: 20.767 ug/l

RT: 12.90 min Scan# 1255

Delta R.T. 0.01 min

Lab File: VF062224.D

Acq: 19 Apr 2019 14:51

Instrument :

MSVOA\_F

ClientSampleId :

VF0419SBS01

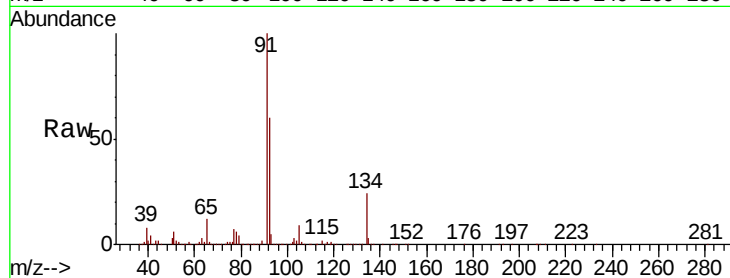
Tgt Ion: 91 Resp: 436399

Ion Ratio Lower Upper

91 100

92 59.3 31.2 93.6

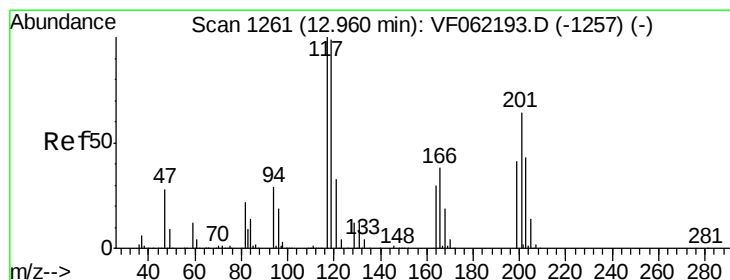
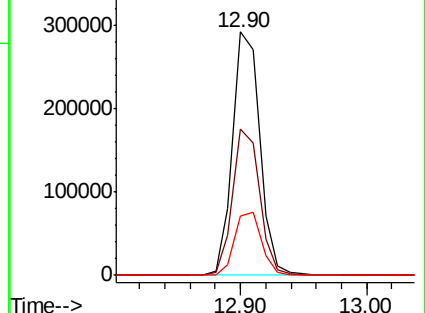
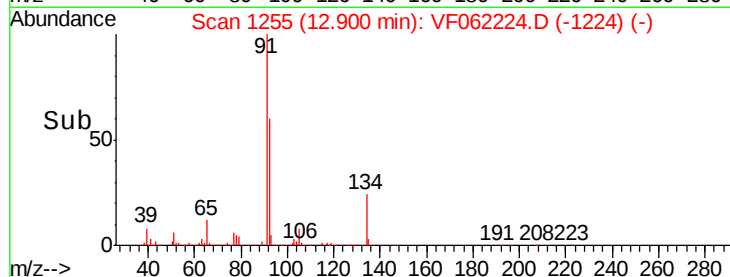
134 26.1 13.1 39.1



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: 20.221 ug/l

RT: 12.98 min Scan# 1263

Delta R.T. 0.02 min

Lab File: VF062224.D

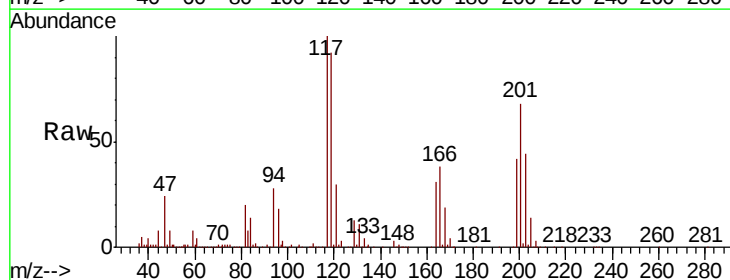
Acq: 19 Apr 2019 14:51

Tgt Ion: 117 Resp: 115765

Ion Ratio Lower Upper

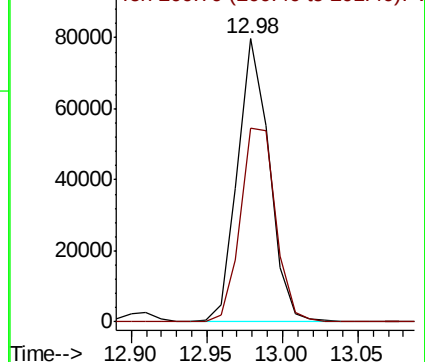
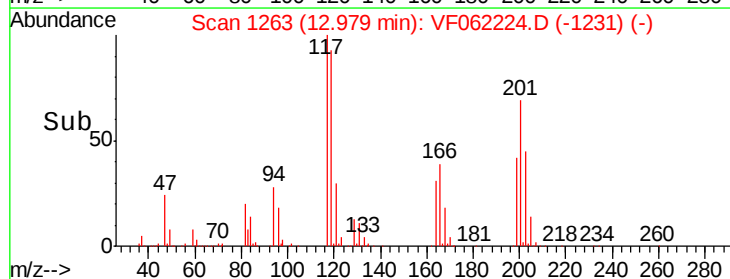
117 100

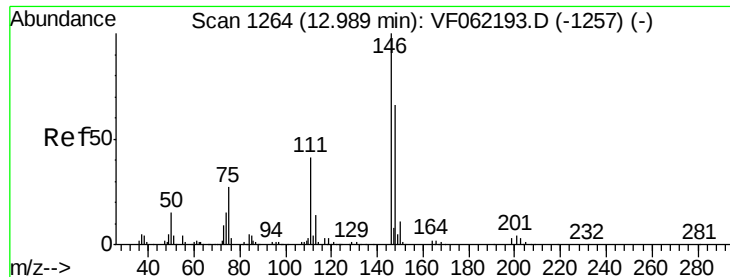
201 77.0 37.7 113.1



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

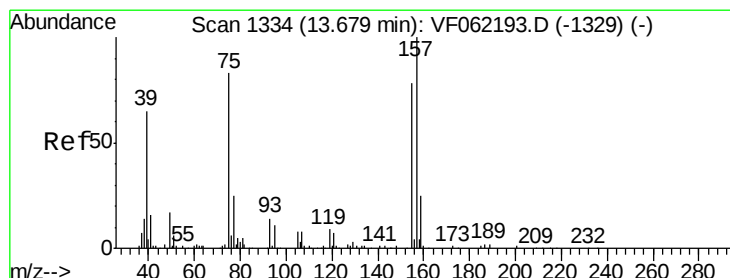
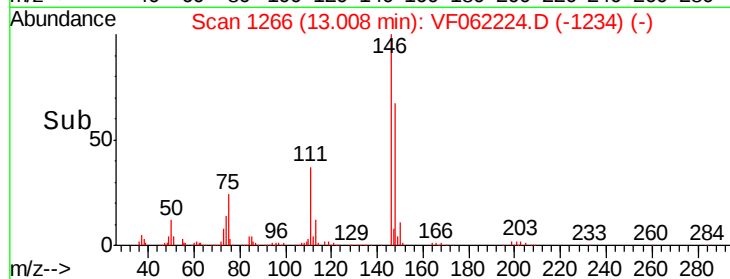
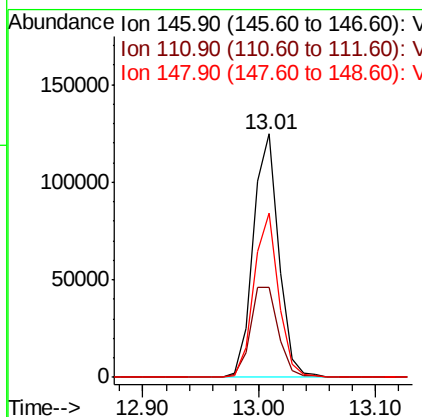
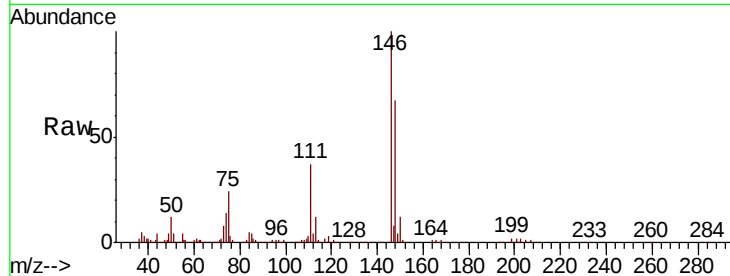




#91  
 1,2-Dichlorobenzene  
 Concen: 20.940 ug/l  
 RT: 13.01 min Scan# 1266  
 Delta R.T. 0.02 min  
 Lab File: VF062224.D  
 Acq: 19 Apr 2019 14:51

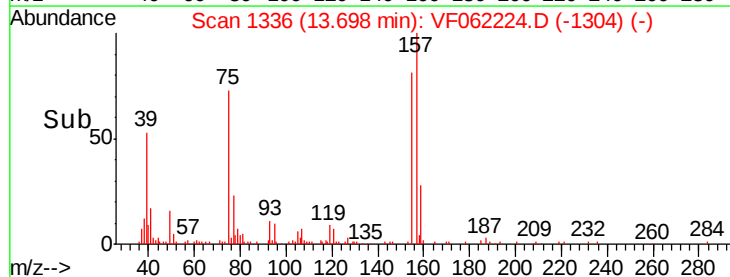
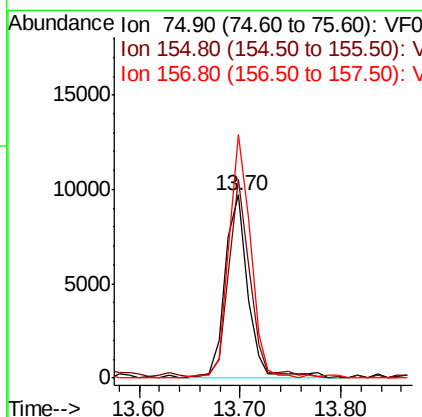
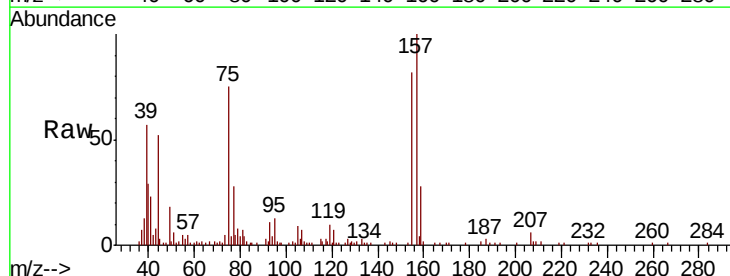
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0419SBS01

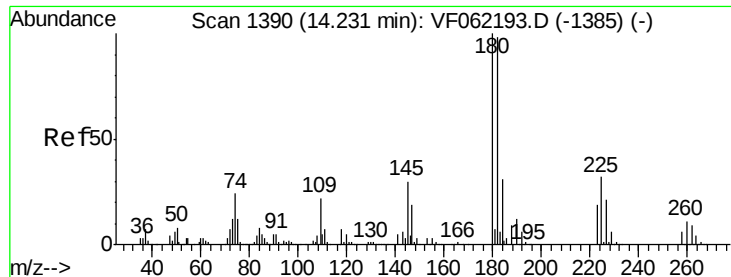
Tgt Ion: 146 Resp: 188919  
 Ion Ratio Lower Upper  
 146 100  
 111 40.5 20.8 62.5  
 148 65.7 33.0 99.0



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 19.625 ug/l  
 RT: 13.70 min Scan# 1336  
 Delta R.T. 0.02 min  
 Lab File: VF062224.D  
 Acq: 19 Apr 2019 14:51

Tgt Ion: 75 Resp: 15585  
 Ion Ratio Lower Upper  
 75 100  
 155 100.2 47.6 142.8  
 157 123.9 61.3 183.9

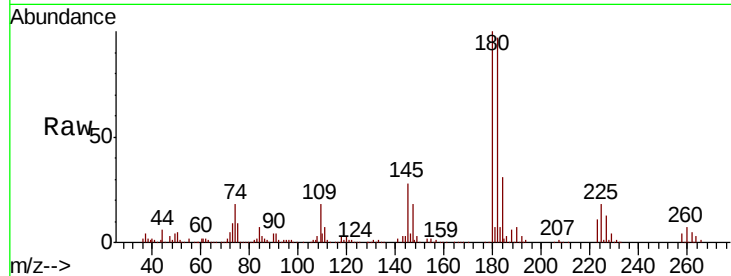




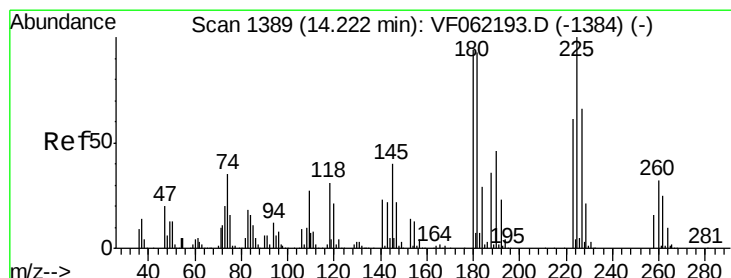
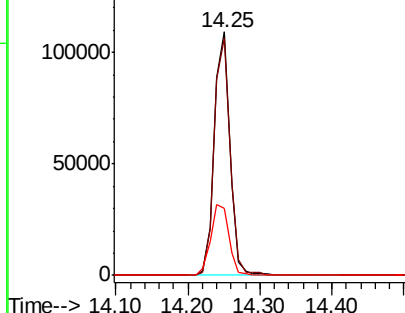
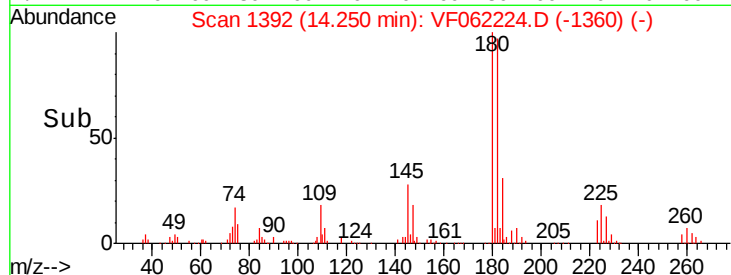
#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.516 ug/l  
 RT: 14.25 min Scan# 1392  
 Delta R.T. 0.02 min  
 Lab File: VF062224.D  
 Acq: 19 Apr 2019 14:51

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0419SBS01

Tgt Ion:180 Resp: 162412  
 Ion Ratio Lower Upper  
 180 100  
 182 98.4 49.3 147.9  
 145 34.4 18.1 54.4

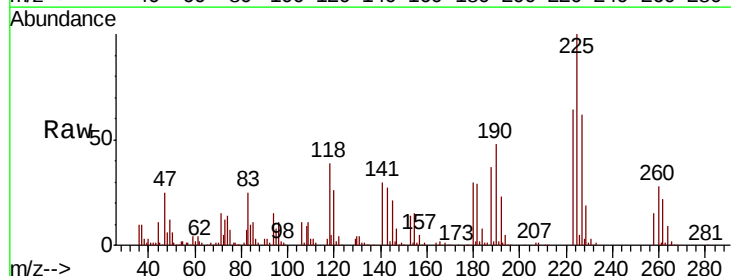


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

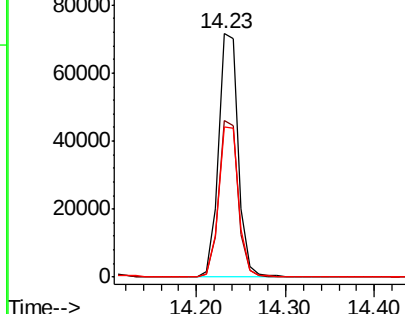
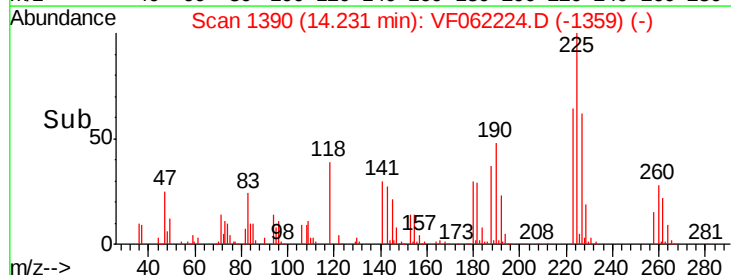


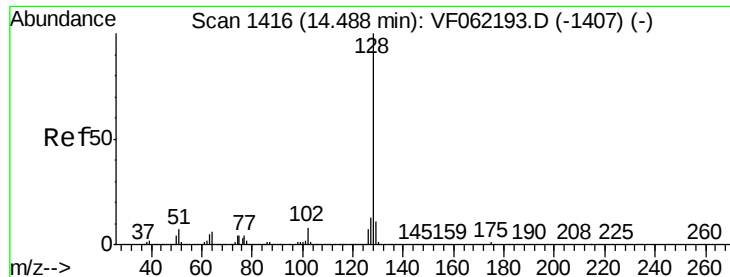
#94  
 Hexachlorobutadiene  
 Concen: 21.566 ug/l  
 RT: 14.23 min Scan# 1390  
 Delta R.T. 0.01 min  
 Lab File: VF062224.D  
 Acq: 19 Apr 2019 14:51

Tgt Ion:225 Resp: 111622  
 Ion Ratio Lower Upper  
 225 100  
 223 62.9 31.0 93.0  
 227 62.8 32.4 97.0



Abundance Ion 224.70 (224.40 to 225.40): V  
 Ion 222.70 (222.40 to 223.40): V  
 Ion 226.70 (226.40 to 227.40): V

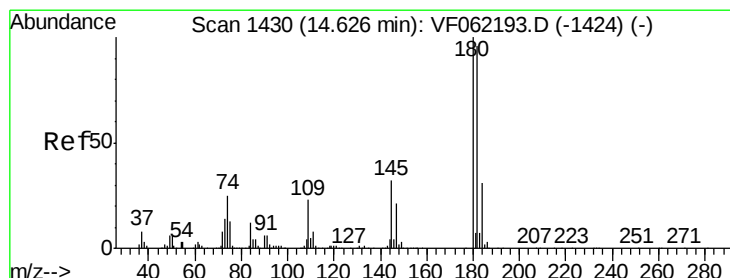
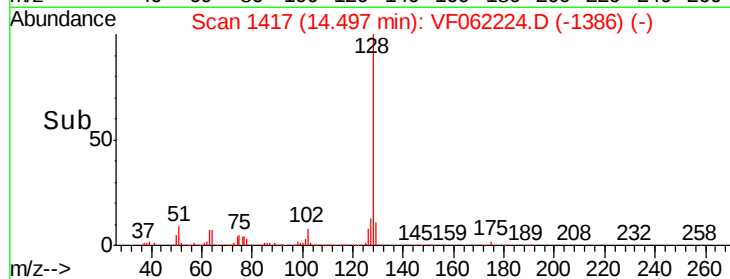
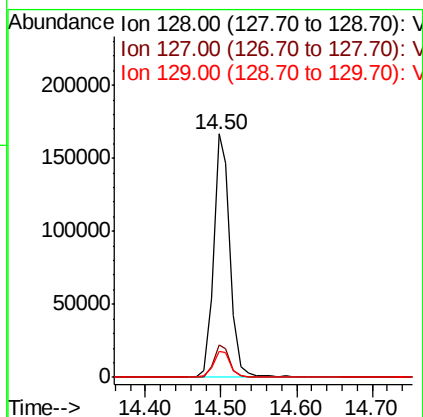
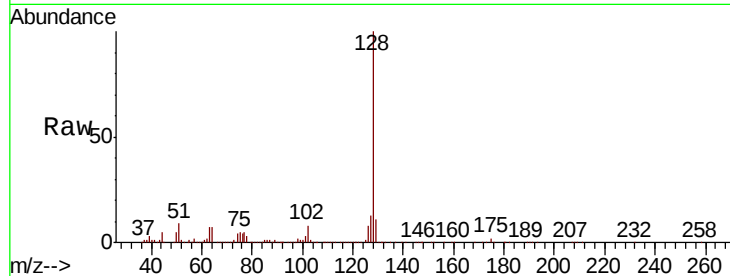




#95  
Naphthalene  
Concen: 19.428 ug/l  
RT: 14.50 min Scan# 1417  
Delta R.T. 0.01 min  
Lab File: VF062224.D  
Acq: 19 Apr 2019 14:51

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0419SBS01

Tgt Ion:128 Resp: 256423  
Ion Ratio Lower Upper  
128 100  
127 13.2 10.4 15.6  
129 11.4 9.2 13.8



#96  
1,2,3-Trichlorobenzene  
Concen: 21.054 ug/l  
RT: 14.64 min Scan# 1432  
Delta R.T. 0.02 min  
Lab File: VF062224.D  
Acq: 19 Apr 2019 14:51

Tgt Ion:180 Resp: 152575  
Ion Ratio Lower Upper  
180 100  
182 97.4 48.4 145.3  
145 30.7 15.6 46.8

