

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF050719\  
 Data File : VF062368.D  
 Acq On : 7 May 2019 20:13  
 Operator : FY/SY  
 Sample : VF0507SBSD01  
 Misc : 5.00µ/5mL/MSVOA F/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0507SBSD01

Quant Time: May 08 01:16:14 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82F050619S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 07 04:34:57 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.03  | 168  | 362401   | 50.00 | ug/l  | -0.02    |
| 34) 1,4-Difluorobenzene    | 5.75  | 114  | 471992   | 50.00 | ug/l  | -0.02    |
| 63) Chlorobenzene-d5       | 9.89  | 117  | 379282   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.61 | 152  | 229522   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 5.01  | 65   | 190296   | 55.56 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 111.12% |          |
| 35) Dibromofluoromethane    | 4.29  | 113  | 205681   | 54.70 | ug/l    | -0.02    |
| Spiked Amount               |       |      | Recovery | =     | 109.40% |          |
| 50) Toluene-d8              | 7.70  | 98   | 520272   | 57.16 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 114.32% |          |
| 62) 4-Bromofluorobenzene    | 11.48 | 95   | 220285   | 53.64 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 107.28% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 0.99 | 85   | 78167    | 18.637  | ug/l   | 94     |
| 3) Chloromethane              | 1.16 | 50   | 53815    | 19.455  | ug/l   | 98     |
| 4) Vinyl Chloride             | 1.18 | 62   | 57164    | 20.718  | ug/l   | 100    |
| 5) Bromomethane               | 1.40 | 94   | 43961    | 19.589  | ug/l   | 99     |
| 6) Chloroethane               | 1.44 | 64   | 27798    | 20.039  | ug/l   | 93     |
| 7) Trichlorofluoromethane     | 1.56 | 101  | 109372   | 19.105  | ug/l   | 92     |
| 8) Diethyl Ether              | 1.70 | 74   | 17362    | 20.044  | ug/l   | 94     |
| 9) 1,1,2-Trichlorotrifluoroet | 1.91 | 101  | 63889    | 19.548  | ug/l   | 96     |
| 10) Methyl Iodide             | 1.98 | 142  | 110481   | 20.513  | ug/l   | 98     |
| 11) Tert butyl alcohol        | 2.71 | 59   | 21293    | 110.006 | ug/l   | 98     |
| 12) 1,1-Dichloroethene        | 1.87 | 96   | 53974    | 19.426  | ug/l   | 98     |
| 13) Acrolein                  | 2.09 | 56   | 16743    | 129.787 | ug/l   | 95     |
| 14) Allyl chloride            | 2.19 | 41   | 34348    | 13.994  | ug/l   | 94     |
| 15) Acrylonitrile             | 3.08 | 53   | 41523    | 113.247 | ug/l   | 96     |
| 16) Acetone                   | 2.34 | 43   | 63295    | 91.359  | ug/l   | 97     |
| 17) Carbon Disulfide          | 1.91 | 76   | 111209   | 18.356  | ug/l # | 94     |
| 18) Methyl Acetate            | 2.45 | 43   | 28622    | 20.826  | ug/l   | 94     |
| 19) Methyl tert-butyl Ether   | 2.54 | 73   | 121405   | 21.167  | ug/l   | 94     |
| 20) Methylene Chloride        | 2.34 | 84   | 43444    | 17.332  | ug/l   | 94     |
| 21) trans-1,2-Dichloroethene  | 2.41 | 96   | 24233    | 9.154   | ug/l   | 87     |
| 22) Diisopropyl ether         | 2.94 | 45   | 166642   | 21.724  | ug/l   | 97     |
| 23) Vinyl Acetate             | 3.34 | 43   | 398842   | 116.658 | ug/l   | 99     |
| 24) 1,1-Dichloroethane        | 2.99 | 63   | 91804    | 19.802  | ug/l   | 98     |
| 25) 2-Butanone                | 4.51 | 43   | 95697    | 109.945 | ug/l   | 100    |
| 26) 2,2-Dichloropropane       | 3.76 | 77   | 46519    | 17.967  | ug/l   | 97     |
| 27) cis-1,2-Dichloroethene    | 3.63 | 96   | 72058    | 21.776  | ug/l   | 96     |
| 28) Bromochloromethane        | 3.88 | 49   | 40106    | 19.074  | ug/l   | 100    |
| 29) Tetrahydrofuran           | 4.27 | 42   | 43187    | 107.958 | ug/l   | 97     |
| 30) Chloroform                | 4.03 | 83   | 132661   | 21.180  | ug/l   | 100    |
| 31) Cyclohexane               | 3.85 | 56   | 48072    | 12.991  | ug/l   | 96     |
| 32) 1,1,1-Trichloroethane     | 4.27 | 97   | 81732    | 15.225  | ug/l   | 97     |
| 36) 1,1-Dichloropropene       | 4.45 | 75   | 91424    | 22.548  | ug/l   | 98     |
| 37) Ethyl Acetate             | 4.29 | 43   | 39389    | 21.996  | ug/l # | 100    |
| 38) Carbon Tetrachloride      | 4.17 | 117  | 80002    | 17.199  | ug/l   | 98     |

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 Sample : VF0507SBSD01  
 Misc : 5.00µ/5mL/MSVOA F/SOIL  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleID :  
 VF0507SBSD01

Quant Time: May 08 01:16:14 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82F050619S.M  
 Quant Title : SW846 8260  
 QLast Update : Tue May 07 04:34:57 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 5.62  | 83   | 90351    | 22.219  | ug/l   | 96       |
| 40) Benzene                    | 4.81  | 78   | 196334   | 21.990  | ug/l   | 97       |
| 41) Methacrylonitrile          | 4.92  | 41   | 19991    | 20.562  | ug/l   | 95       |
| 42) 1,2-Dichloroethane         | 5.11  | 62   | 80087    | 21.447  | ug/l   | 96       |
| 43) Isopropyl Acetate          | 7.10  | 43   | 43286    | 23.471  | ug/l   | 98       |
| 44) Trichloroethene            | 5.67  | 130  | 71930    | 21.931  | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 6.40  | 63   | 48229    | 23.848  | ug/l   | 97       |
| 46) Dibromomethane             | 6.25  | 93   | 37530    | 22.383  | ug/l   | 97       |
| 47) Bromodichloromethane       | 6.54  | 83   | 87577    | 20.891  | ug/l   | 95       |
| 48) Methyl methacrylate        | 6.87  | 41   | 31827    | 24.420  | ug/l   | 94       |
| 49) 1,4-Dioxane                | 6.86  | 88   | 6109     | 448.549 | ug/l # | 72       |
| 51) 4-Methyl-2-Pentanone       | 8.39  | 43   | 159719   | 114.293 | ug/l   | 98       |
| 52) Toluene                    | 7.77  | 92   | 121925   | 22.136  | ug/l   | 98       |
| 53) t-1,3-Dichloropropene      | 8.41  | 75   | 68221    | 21.516  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 7.44  | 75   | 85771    | 23.244  | ug/l   | 95       |
| 55) 1,1,2-Trichloroethane      | 8.62  | 97   | 39863    | 22.798  | ug/l # | 93       |
| 56) Ethyl methacrylate         | 8.74  | 69   | 41639    | 22.559  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 8.98  | 76   | 56882    | 21.537  | ug/l   | 97       |
| 58) 2-Chloroethyl Vinyl ether  | 7.43  | 63   | 74131    | 133.590 | ug/l   | 98       |
| 59) 2-Hexanone                 | 9.61  | 43   | 105927   | 109.601 | ug/l   | 97       |
| 60) Dibromochloromethane       | 8.84  | 129  | 61319    | 21.442  | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.12  | 107  | 47662    | 23.192  | ug/l   | 95       |
| 64) Tetrachloroethene          | 8.29  | 164  | 74598    | 24.227  | ug/l   | 96       |
| 65) Chlorobenzene              | 9.91  | 112  | 145921   | 23.253  | ug/l   | 93       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.04 | 131  | 71398    | 22.553  | ug/l   | 97       |
| 67) Ethyl Benzene              | 10.01 | 91   | 253819   | 23.098  | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.24 | 106  | 189092   | 46.638  | ug/l   | 97       |
| 69) o-Xylene                   | 10.80 | 106  | 105262   | 24.026  | ug/l   | 98       |
| 70) Styrene                    | 10.88 | 104  | 153330   | 23.352  | ug/l   | 98       |
| 71) Bromoform                  | 10.87 | 173  | 38332    | 22.101  | ug/l # | 97       |
| 73) Isopropylbenzene           | 11.21 | 105  | 309141   | 22.719  | ug/l   | 99       |
| 74) N-amyl acetate             | 11.44 | 43   | 68142    | 23.326  | ug/l   | 97       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.76 | 83   | 48539    | 22.783  | ug/l   | 96       |
| 76) 1,2,3-Trichloropropane     | 11.86 | 75   | 35287    | 21.709  | ug/l # | 100      |
| 77) Bromobenzene               | 11.57 | 156  | 84851    | 23.760  | ug/l   | 93       |
| 78) n-propylbenzene            | 11.66 | 91   | 328464   | 22.674  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.79 | 91   | 205378   | 22.799  | ug/l   | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.89 | 105  | 278993   | 23.393  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.92 | 75   | 20216    | 33.088  | ug/l # | 65       |
| 82) 4-Chlorotoluene            | 11.96 | 91   | 205874   | 23.140  | ug/l   | 100      |
| 83) tert-Butylbenzene          | 12.19 | 119  | 286729   | 22.876  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 12.26 | 105  | 260099   | 22.285  | ug/l   | 99       |
| 85) sec-Butylbenzene           | 12.36 | 105  | 351375   | 23.032  | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.51 | 119  | 326113   | 23.007  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.53 | 146  | 151282   | 23.195  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.61 | 146  | 139061   | 22.091  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.89 | 91   | 288524   | 22.879  | ug/l   | 98       |
| 90) Hexachloroethane           | 12.97 | 117  | 63305    | 17.887  | ug/l   | 66       |
| 91) 1,2-Dichlorobenzene        | 12.99 | 146  | 155003   | 24.554  | ug/l   | 96       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.68 | 75   | 9762     | 20.453  | ug/l # | 57       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF050719\  
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Operator : FY/SY  
Sample : VF0507SBSD01  
Misc : 5.00g/5mL/MSVOA F/SOIL  
ALS Vial : 22 Sample Multiplier: 1

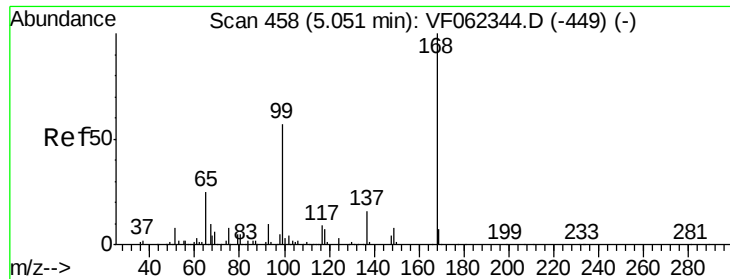
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0507SBSD01

Quant Time: May 08 01:16:14 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82F050619S.M  
Quant Title : SW846 8260  
QLast Update : Tue May 07 04:34:57 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.23 | 180  | 122738   | 21.676 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 14.22 | 225  | 88006    | 20.853 | ug/l  | 98       |
| 95) Naphthalene            | 14.49 | 128  | 188420   | 22.134 | ug/l  | 98       |
| 96) 1,2,3-Trichlorobenzene | 14.63 | 180  | 120905   | 22.040 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.02 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

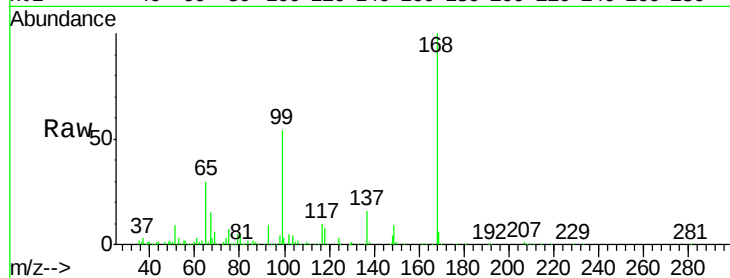
VF0507SBS01

Tot Ion:168 Resp: 362401

Ion Ratio Lower Upper

168 100

99 54.0 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

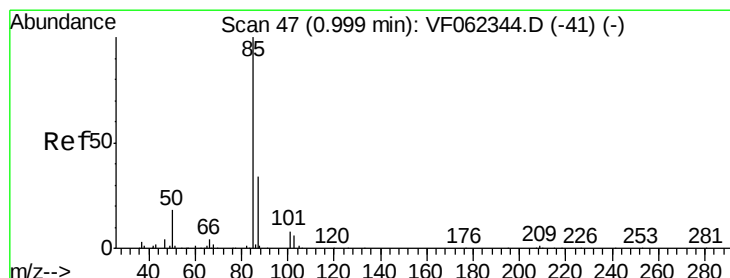
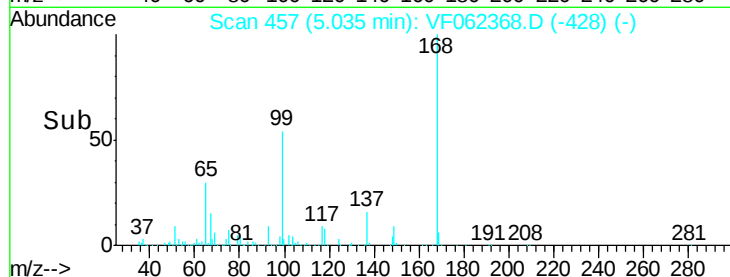
5.03

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 18.637 ug/l

RT: 0.99 min Scan# 47

Delta R.T. -0.01 min

Lab File: VF062368.D

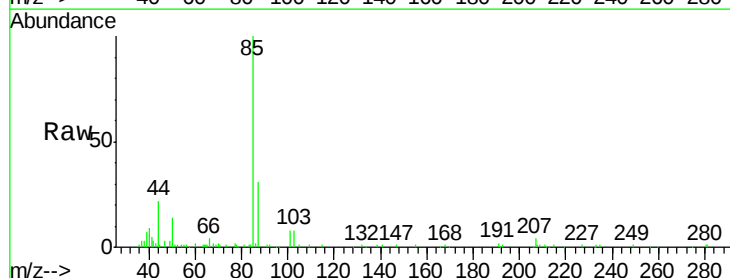
Acq: 7 May 2019 20:13

Tgt Ion: 85 Resp: 78167

Ion Ratio Lower Upper

85 100

87 30.2 16.8 50.4



Abundance Ion 84.90 (84.60 to 85.60): VF0

Ion 86.90 (86.60 to 87.60): VF0

0.99

25000

20000

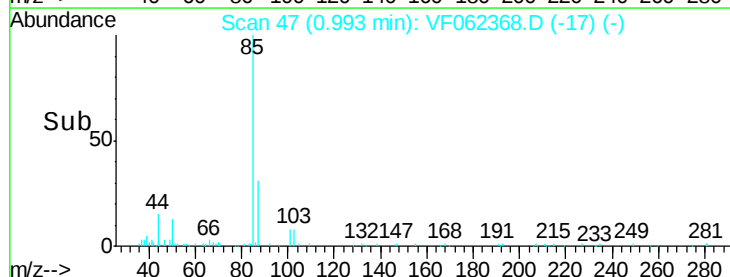
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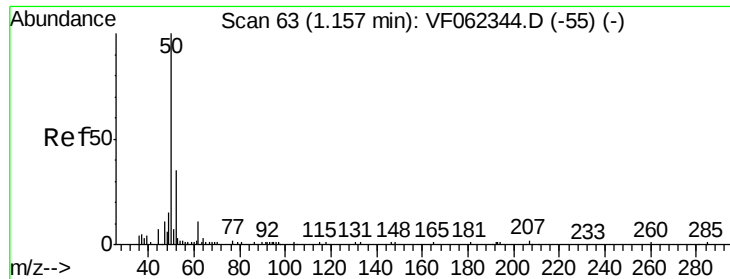
10000

5000

0

Time-->





#3

Chloromethane

Concen: 19.455 ug/l

RT: 1.16 min Scan# 64

Delta R.T. 0.00 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

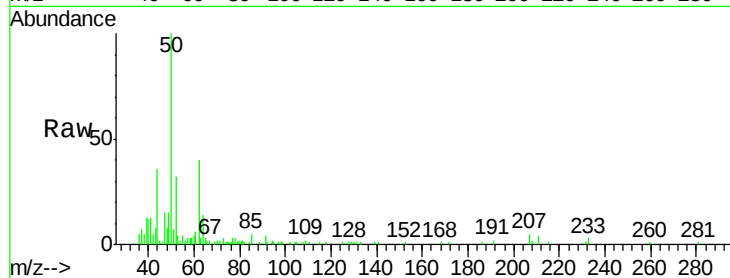
VF0507SBS01

Tot Ion: 50 Resp: 53815

Ion Ratio Lower Upper

50 100

52 34.0 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VF0

Ion 51.90 (51.60 to 52.60): VF0

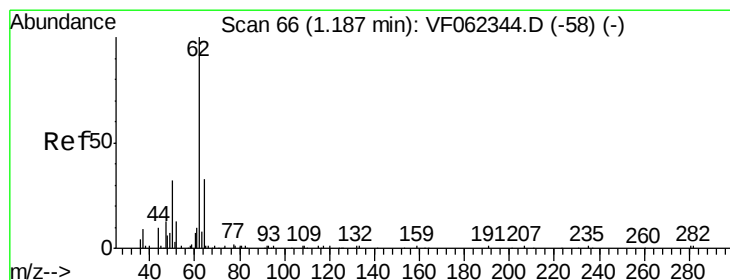
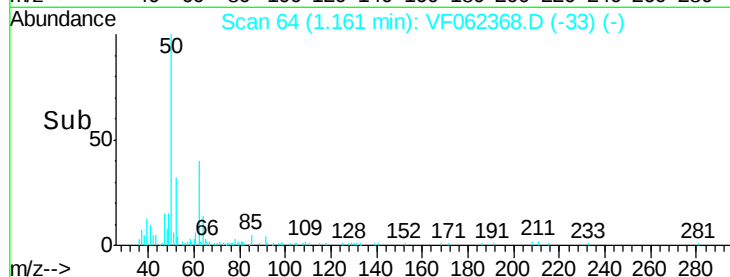
15000

10000

5000

0

Time-->



#4

Vinyl Chloride

Concen: 20.718 ug/l

RT: 1.18 min Scan# 66

Delta R.T. -0.01 min

Lab File: VF062368.D

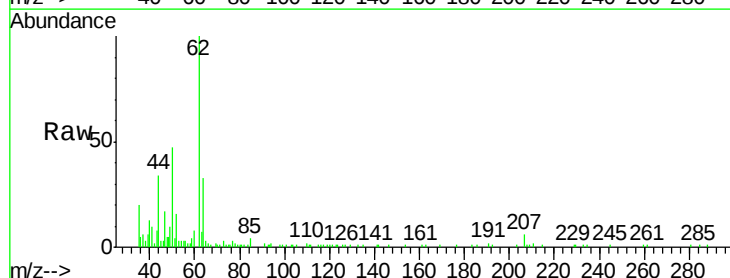
Acq: 7 May 2019 20:13

Tgt Ion: 62 Resp: 57164

Ion Ratio Lower Upper

62 100

64 32.7 26.1 39.1



Abundance Ion 61.90 (61.60 to 62.60): VF0

Ion 63.90 (63.60 to 64.60): VF0

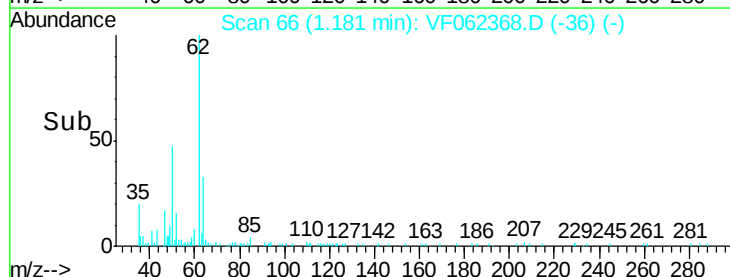
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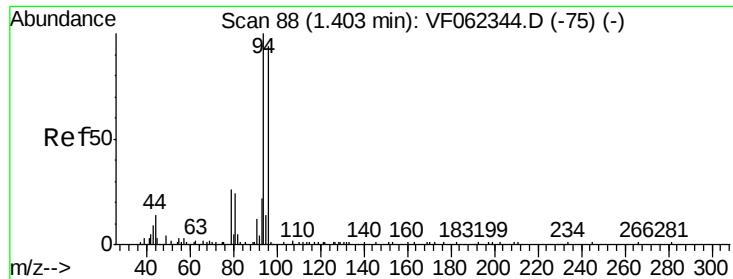
10000

5000

0

Time-->





#5

Bromomethane

Concen: 19.589 ug/l

RT: 1.40 min Scan# 88

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

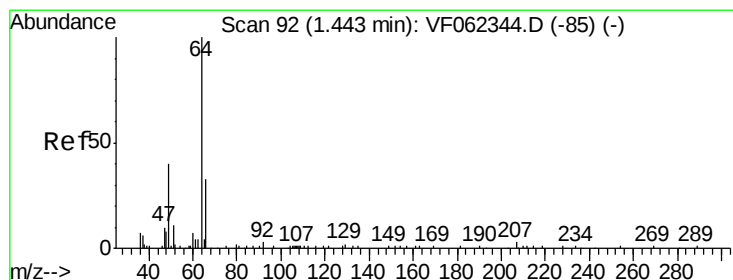
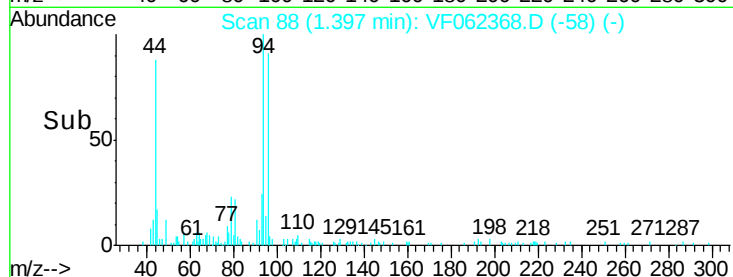
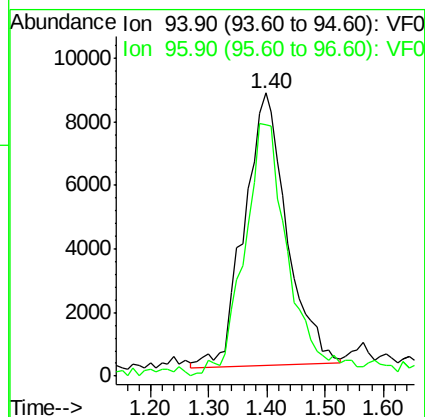
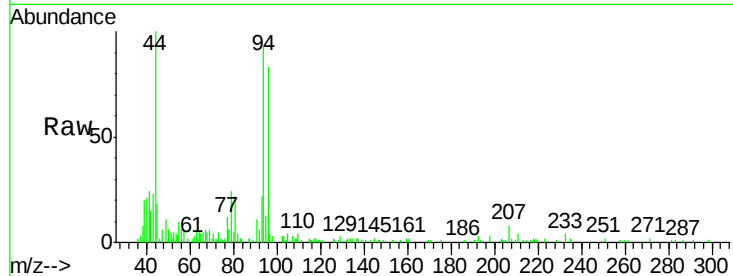
VF0507SBSD01

Tot Ion: 94 Resp: 43961

Ion Ratio Lower Upper

94 100

96 93.2 75.4 113.2



#6

Chloroethane

Concen: 20.039 ug/l

RT: 1.44 min Scan# 92

Delta R.T. -0.01 min

Lab File: VF062368.D

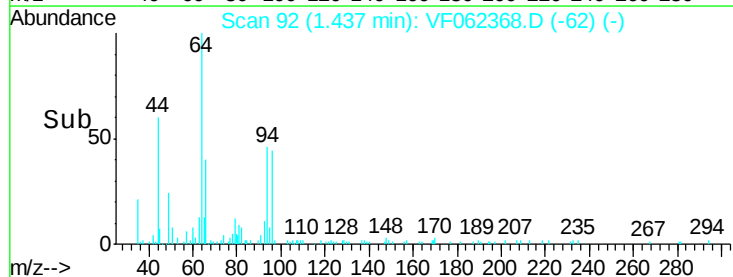
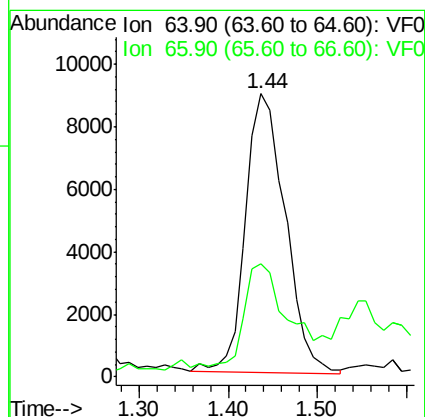
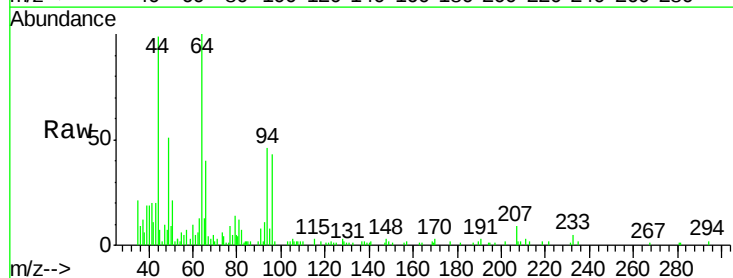
Acq: 7 May 2019 20:13

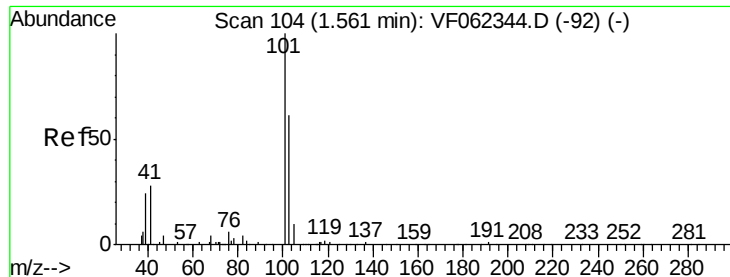
Tgt Ion: 64 Resp: 27798

Ion Ratio Lower Upper

64 100

66 37.3 26.6 39.8





#7

Trichlorofluoromethane

Concen: 19.105 ug/l

RT: 1.56 min Scan# 104

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

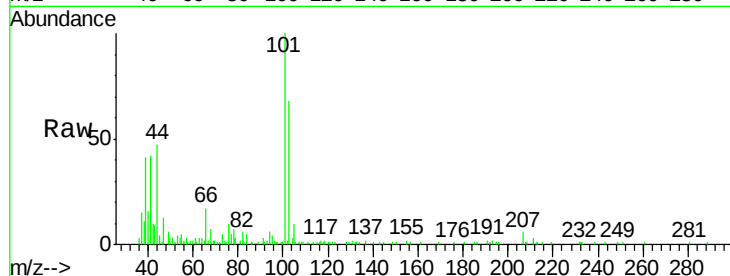
VF0507SBS01

Tot Ion:101 Resp: 109372

Ion Ratio Lower Upper

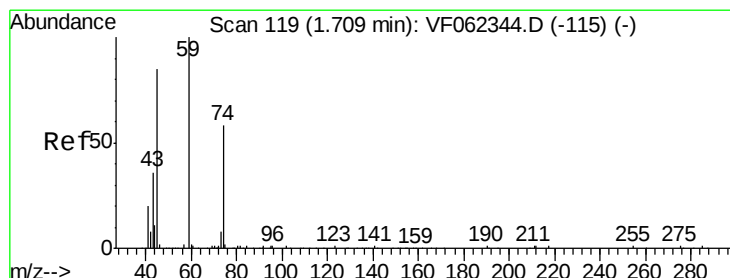
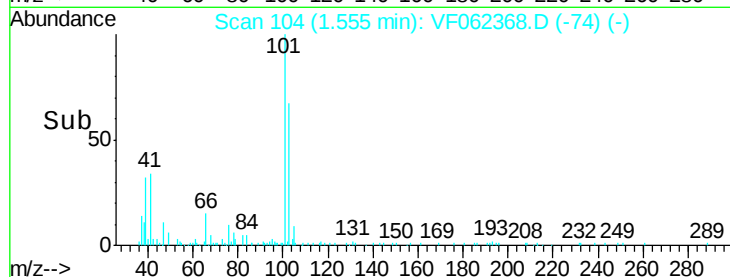
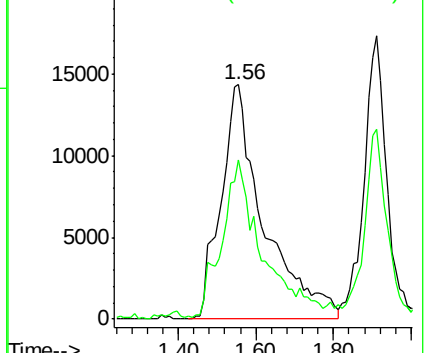
101 100

103 66.6 48.5 72.7



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 20.044 ug/l

RT: 1.70 min Scan# 119

Delta R.T. -0.01 min

Lab File: VF062368.D

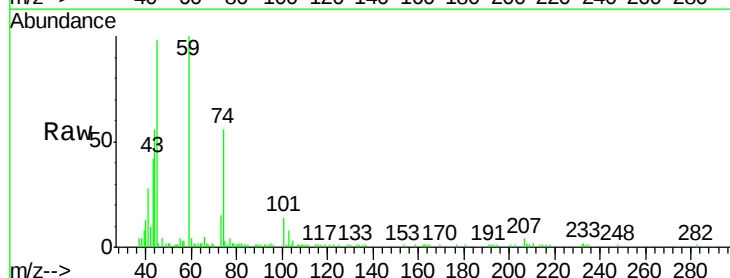
Acq: 7 May 2019 20:13

Tgt Ion: 74 Resp: 17362

Ion Ratio Lower Upper

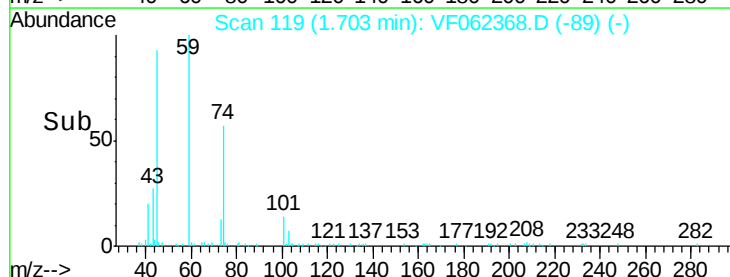
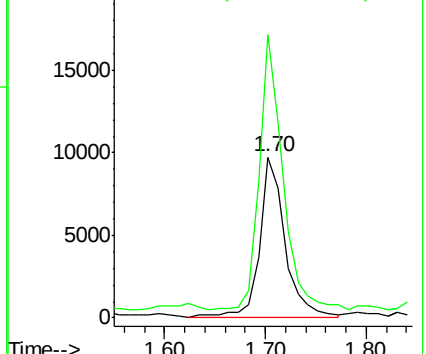
74 100

45 155.8 73.9 221.6



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.548 ug/l

RT: 1.91 min Scan# 140

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

VF0507SBSD01

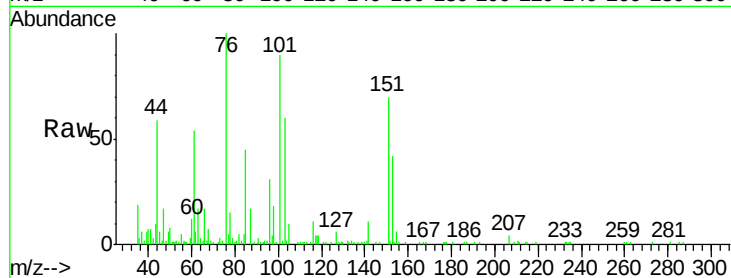
Tot Ion:101 Resp: 63889

Ion Ratio Lower Upper

101 100

85 54.0 39.5 59.3

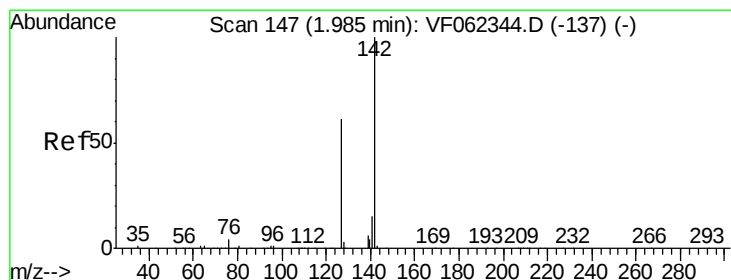
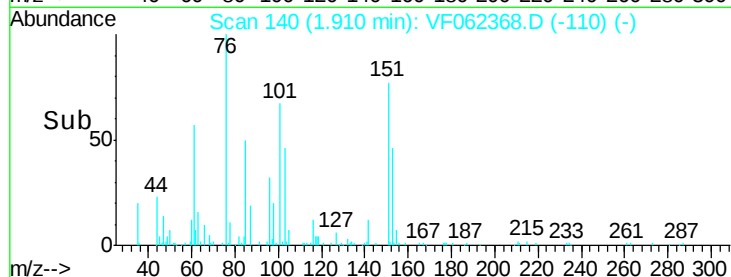
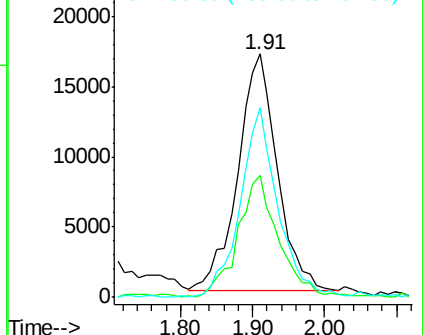
151 76.7 59.9 89.9



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: 20.513 ug/l

RT: 1.98 min Scan# 147

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

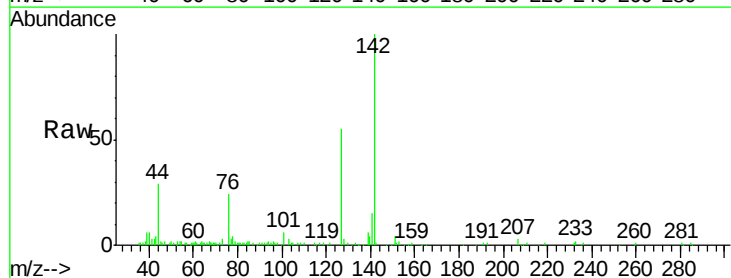
Tgt Ion:142 Resp: 110481

Ion Ratio Lower Upper

142 100

127 59.1 48.4 72.6

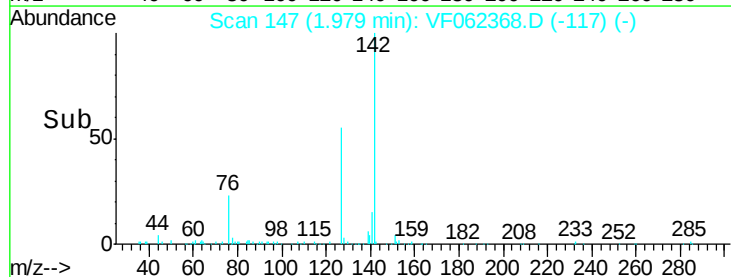
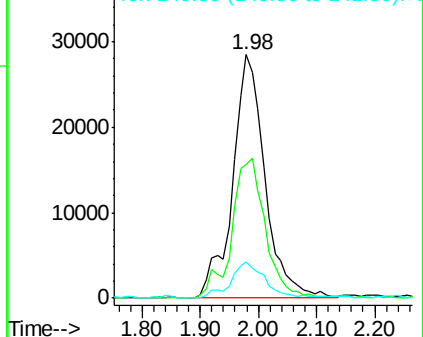
141 15.4 12.2 18.4

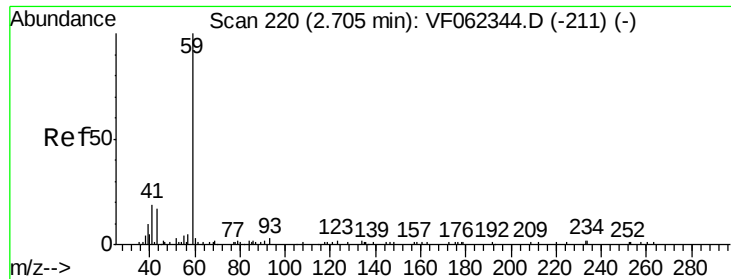


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



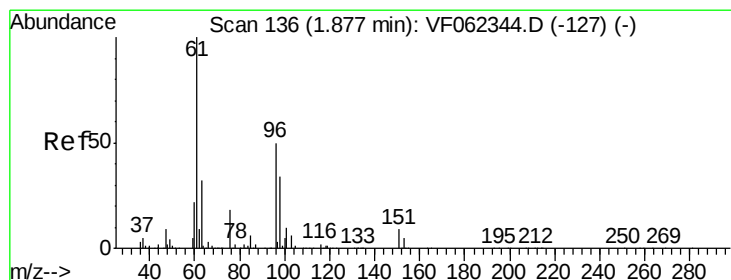
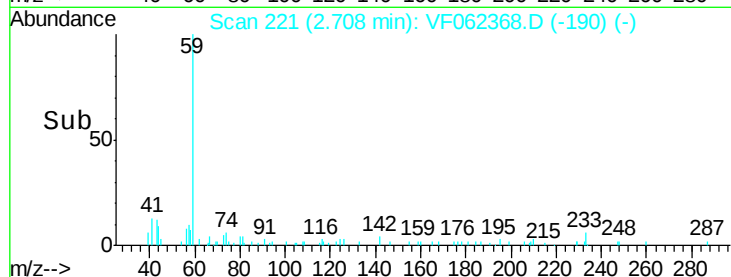
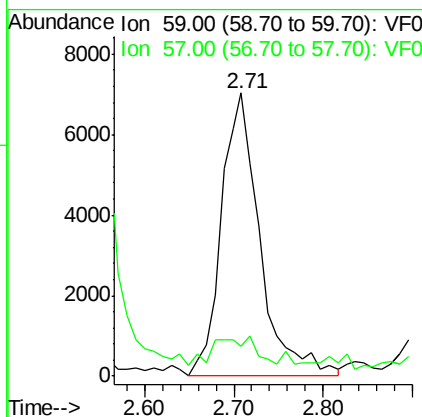
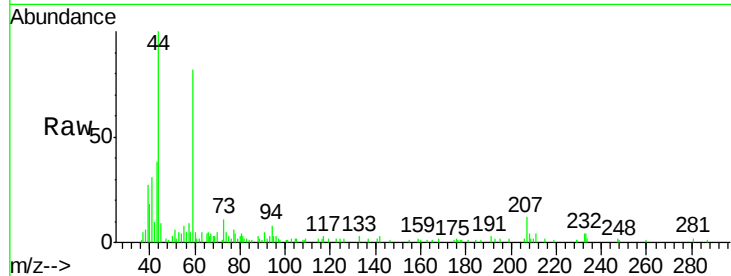


#11

Tert butyl alcohol  
Concen: 110.006 ug/l  
RT: 2.71 min Scan# 221  
Delta R.T. 0.00 min  
Lab File: VF062368.D  
Acq: 7 May 2019 20:13

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0507SBSD01

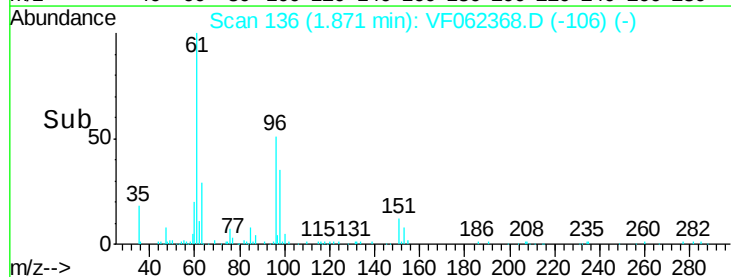
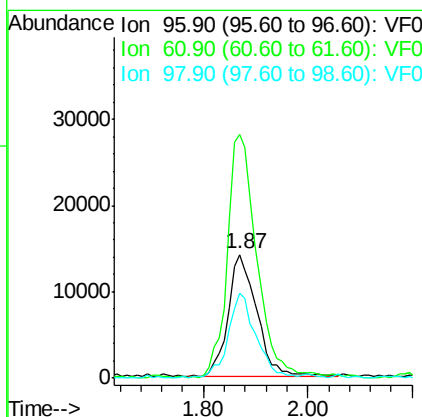
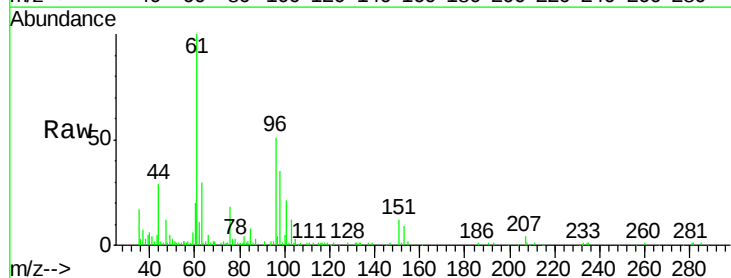
Tot Ion: 59 Resp: 21293  
Ion Ratio Lower Upper  
59 100  
57 10.8 9.3 13.9

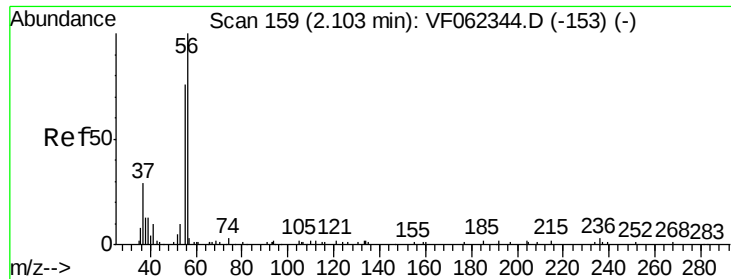


#12

1,1-Dichloroethene  
Concen: 19.426 ug/l  
RT: 1.87 min Scan# 136  
Delta R.T. -0.01 min  
Lab File: VF062368.D  
Acq: 7 May 2019 20:13

Tgt Ion: 96 Resp: 53974  
Ion Ratio Lower Upper  
96 100  
61 199.3 163.2 244.8  
98 69.5 55.2 82.8

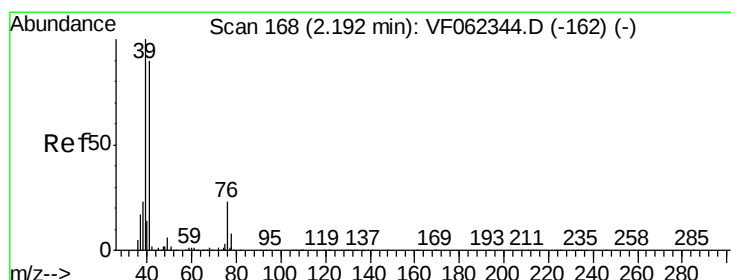
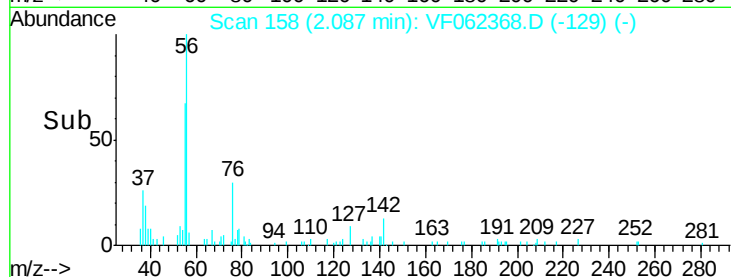
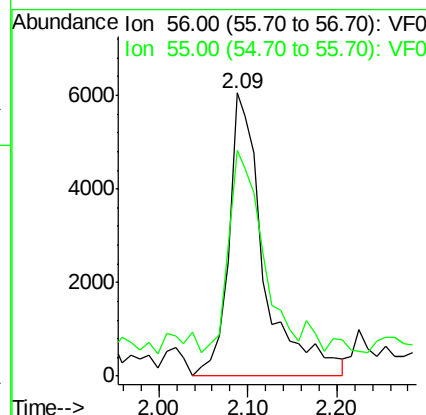
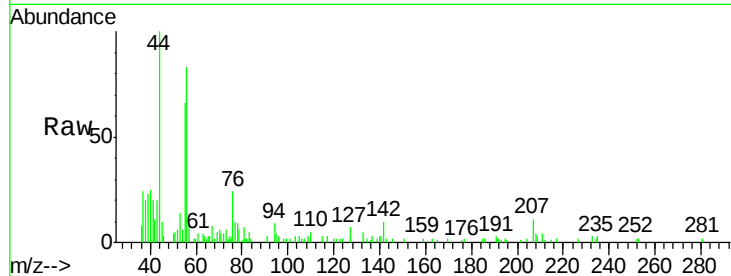




#13  
Acrolein  
Concen: 129.787 ug/l  
RT: 2.09 min Scan# 158  
Delta R.T. -0.02 min  
Lab File: VF062368.D  
Acq: 7 May 2019 20:13

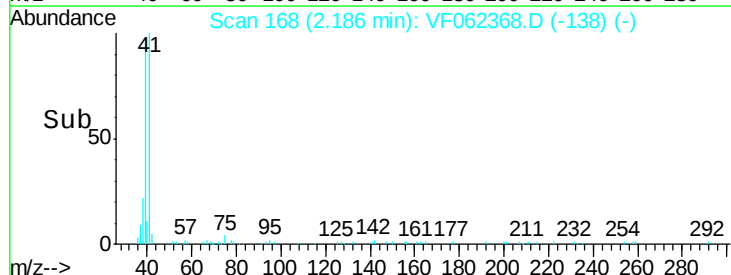
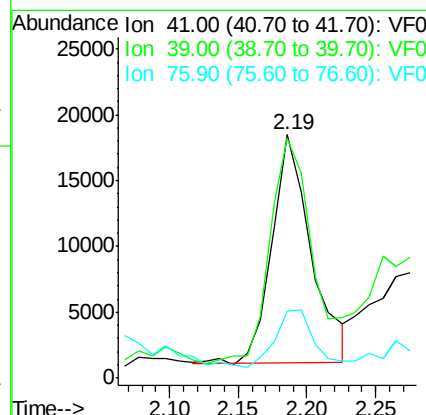
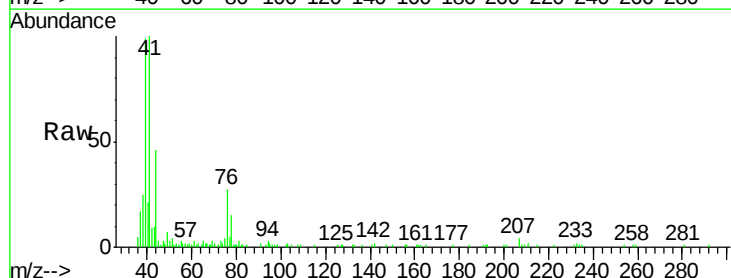
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0507SBS01

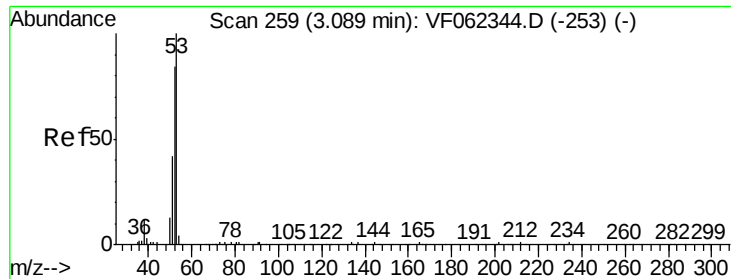
Tot Ion: 56 Resp: 16743  
Ion Ratio Lower Upper  
56 100  
55 68.7 58.4 87.6



#14  
Allyl chloride  
Concen: 13.994 ug/l  
RT: 2.19 min Scan# 168  
Delta R.T. -0.01 min  
Lab File: VF062368.D  
Acq: 7 May 2019 20:13

Tgt Ion: 41 Resp: 34348  
Ion Ratio Lower Upper  
41 100  
39 106.9 90.8 136.2  
76 25.2 22.2 33.4

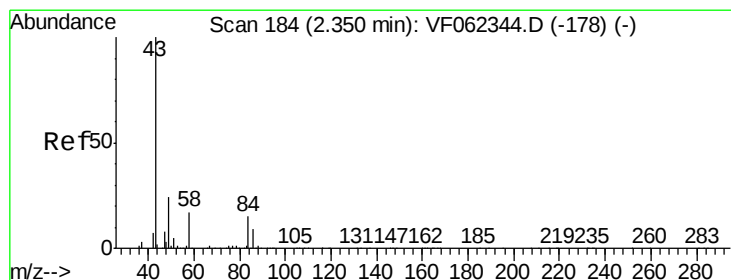
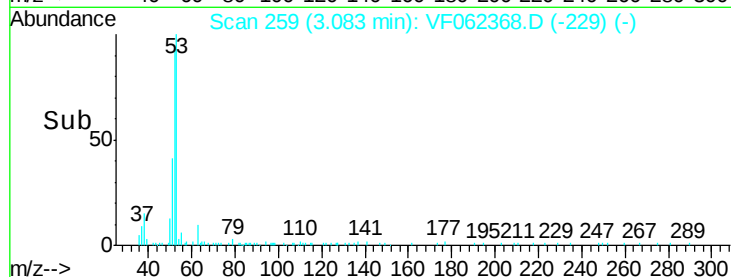
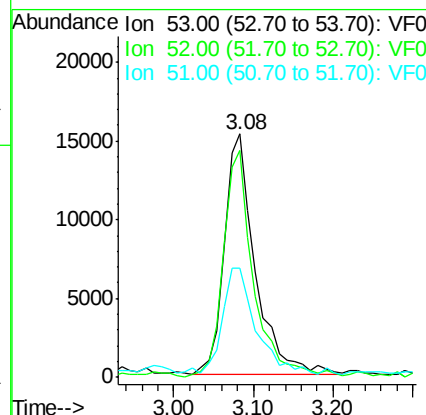
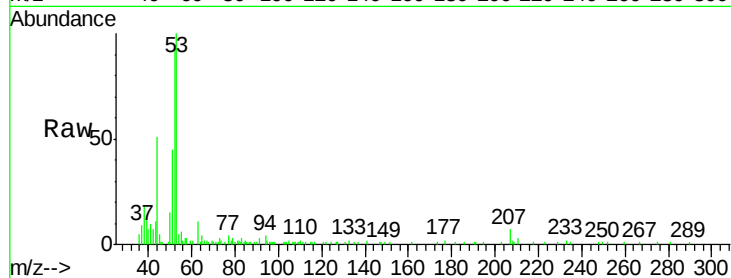




#15  
 Acrylonitrile  
 Concen: 113.247 ug/l  
 RT: 3.08 min Scan# 259  
 Delta R.T. -0.01 min  
 Lab File: VF062368.D  
 Acq: 7 May 2019 20:13

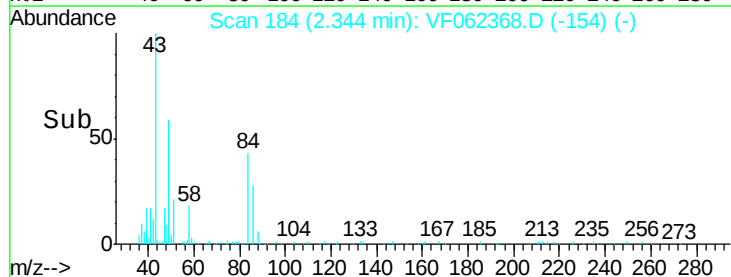
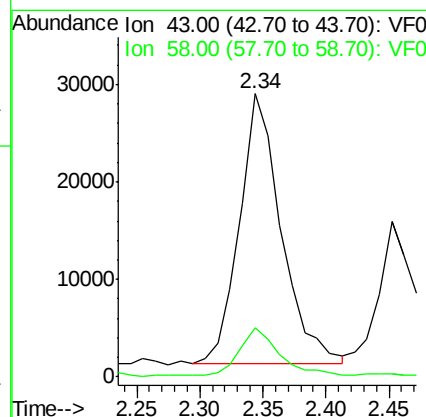
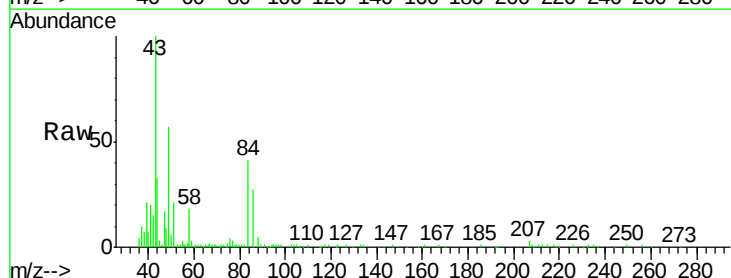
Instrument :  
 MSVOA\_F  
 ClientSampleID :  
 VF0507SBS01

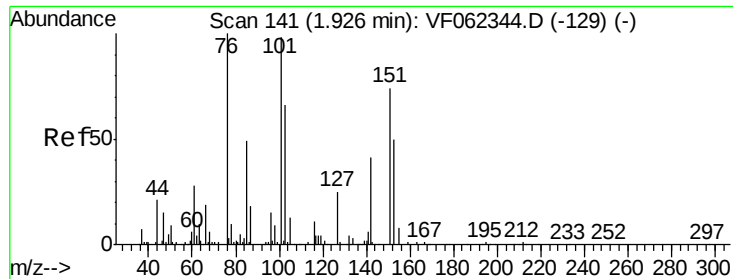
Tot Ion: 53 Resp: 41523  
 Ion Ratio Lower Upper  
 53 100  
 52 93.1 77.2 115.8  
 51 48.2 40.6 61.0



#16  
 Acetone  
 Concen: 91.359 ug/l  
 RT: 2.34 min Scan# 184  
 Delta R.T. -0.01 min  
 Lab File: VF062368.D  
 Acq: 7 May 2019 20:13

Tgt Ion: 43 Resp: 63295  
 Ion Ratio Lower Upper  
 43 100  
 58 17.8 13.1 19.7

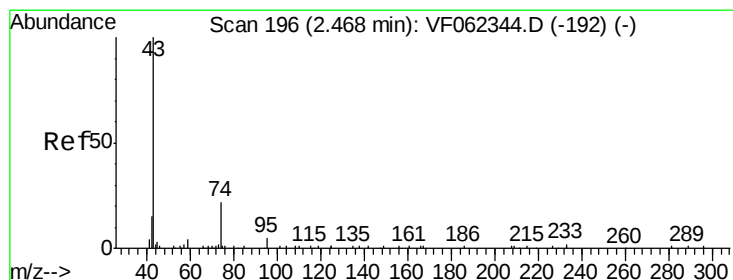
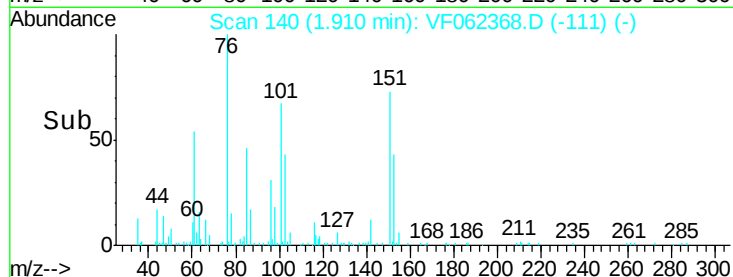
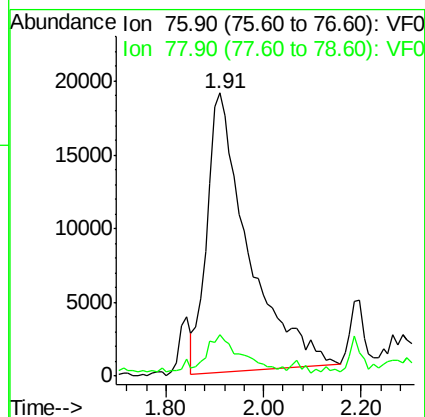
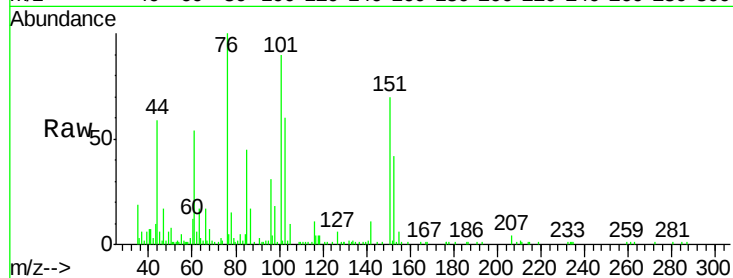




#17  
Carbon Disulfide  
Concen: 18.356 ug/l  
RT: 1.91 min Scan# 140  
Delta R.T. -0.02 min  
Lab File: VF062368.D  
Acq: 7 May 2019 20:13

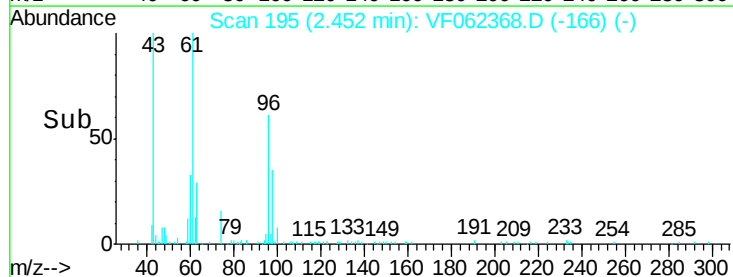
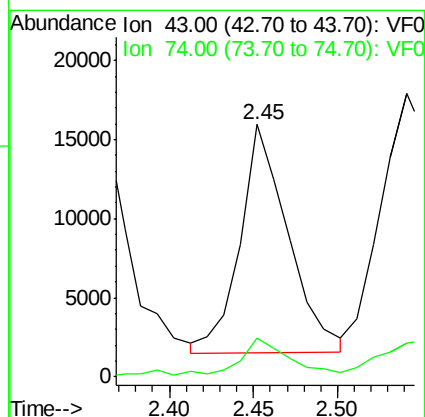
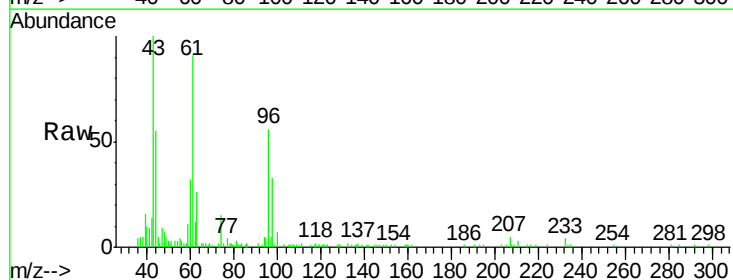
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0507SBSD01

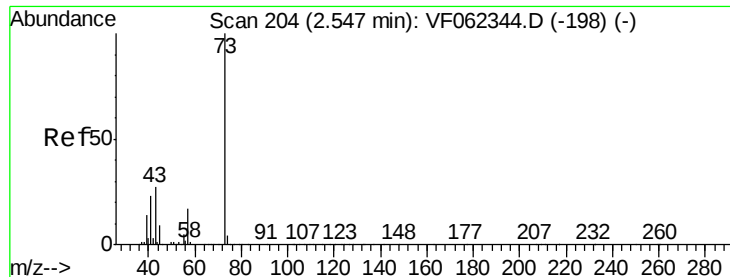
Tot Ion: 76 Resp: 111209  
Ion Ratio Lower Upper  
76 100  
78 13.5 9.0 13.4#



#18  
Methyl Acetate  
Concen: 20.826 ug/l  
RT: 2.45 min Scan# 195  
Delta R.T. -0.02 min  
Lab File: VF062368.D  
Acq: 7 May 2019 20:13

Tgt Ion: 43 Resp: 28622  
Ion Ratio Lower Upper  
43 100  
74 15.9 15.0 22.4



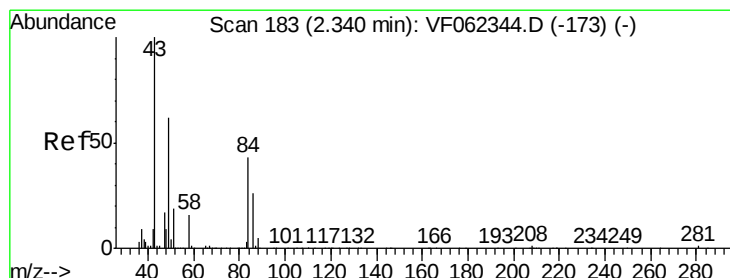
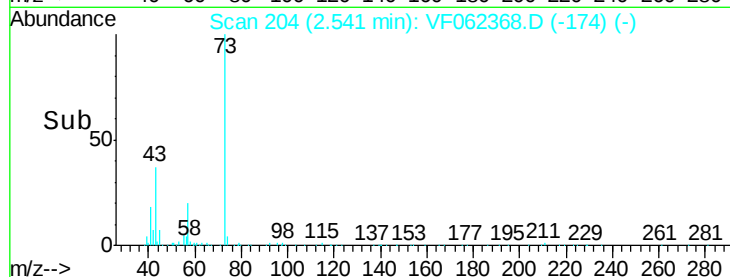
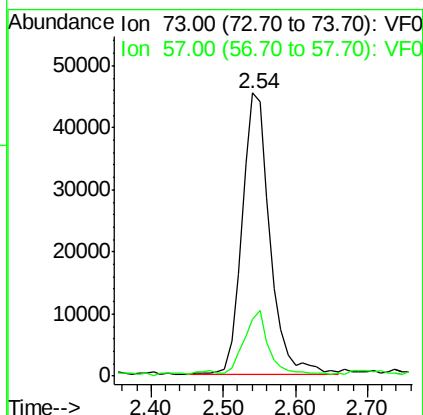
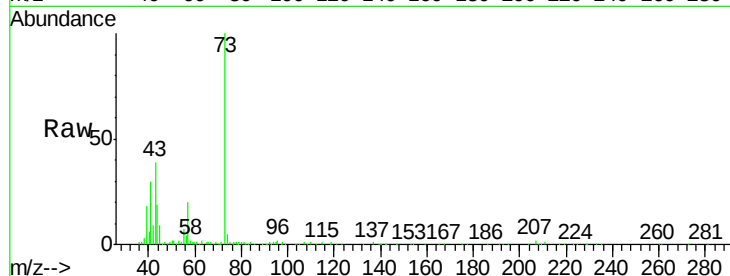


#19

Methyl tert-butyl Ether  
 Concen: 21.167 ug/l  
 RT: 2.54 min Scan# 204  
 Delta R.T. -0.01 min  
 Lab File: VF062368.D  
 Acq: 7 May 2019 20:13

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0507SBS01

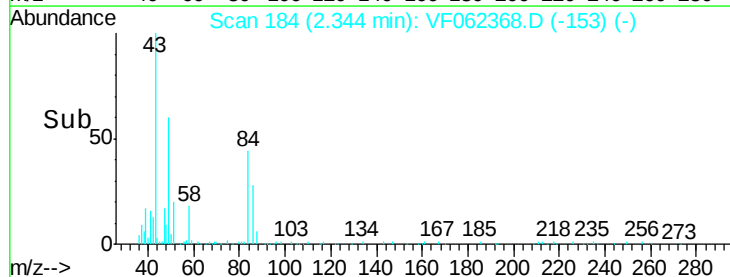
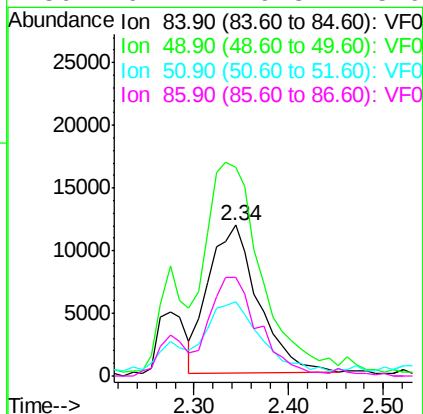
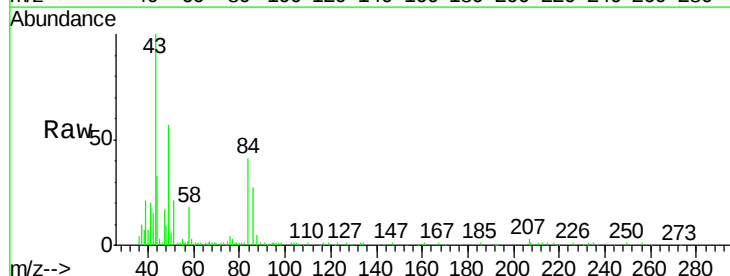
Tot Ion: 73 Resp: 121405  
 Ion Ratio Lower Upper  
 73 100  
 57 19.6 13.7 20.5

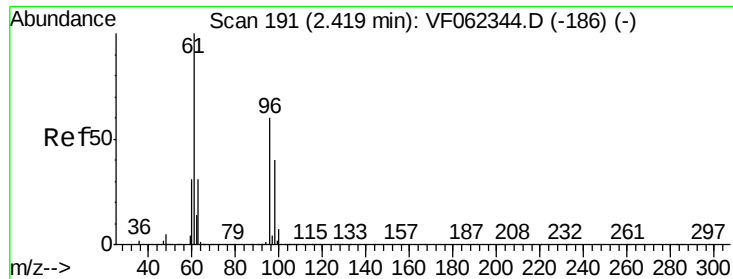


#20

Methylene Chloride  
 Concen: 17.332 ug/l  
 RT: 2.34 min Scan# 184  
 Delta R.T. 0.00 min  
 Lab File: VF062368.D  
 Acq: 7 May 2019 20:13

Tgt Ion: 84 Resp: 43444  
 Ion Ratio Lower Upper  
 84 100  
 49 134.6 117.5 176.3  
 51 46.4 37.0 55.4  
 86 61.7 49.3 73.9





#21

trans-1,2-Dichloroethene

Concen: 9.154 ug/l

RT: 2.41 min Scan# 191

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

VF0507SBSD01

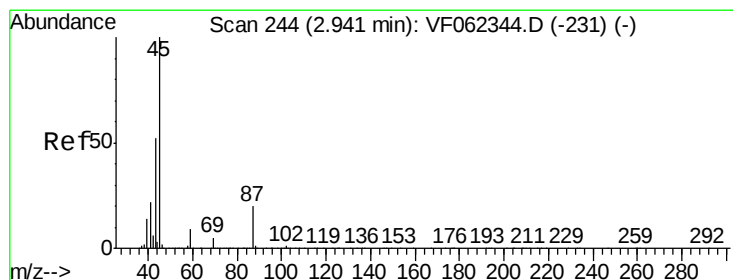
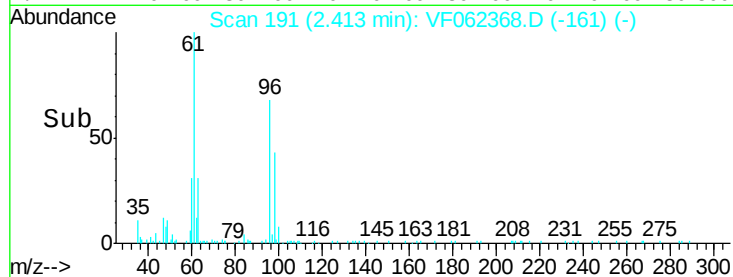
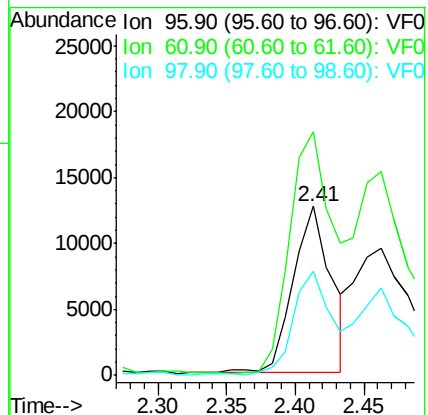
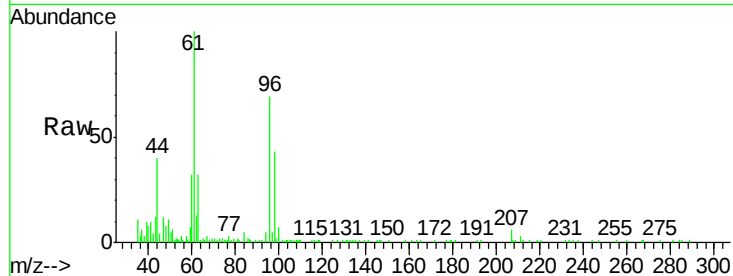
Tot Ion: 96 Resp: 24233

Ion Ratio Lower Upper

96 100

61 144.8 133.2 199.8

98 62.6 53.1 79.7



#22

Diisopropyl ether

Concen: 21.724 ug/l

RT: 2.94 min Scan# 244

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Tgt Ion: 45 Resp: 166642

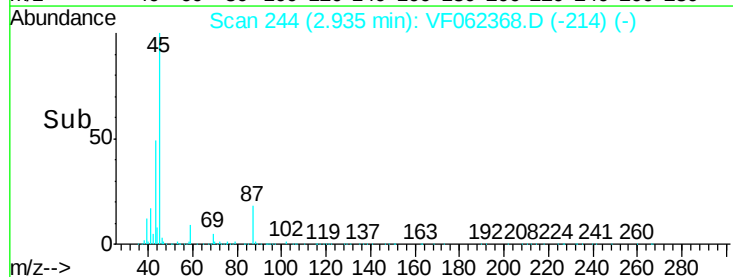
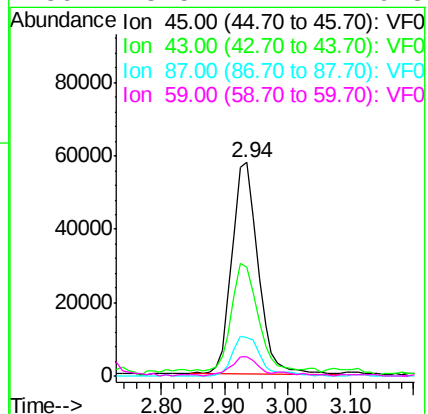
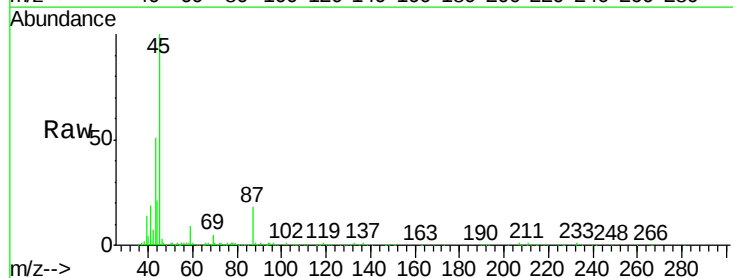
Ion Ratio Lower Upper

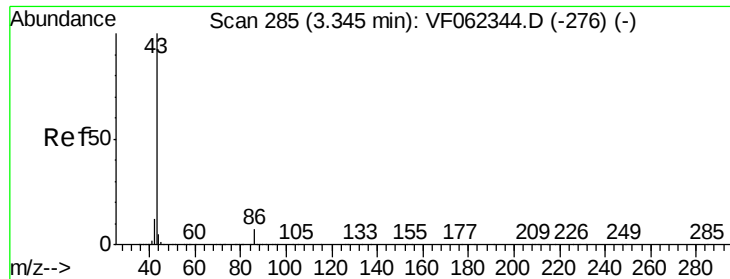
45 100

43 49.4 41.4 62.0

87 18.1 15.8 23.6

59 8.5 7.2 10.8





#23

Vinyl Acetate

Concen: 116.658 ug/l

RT: 3.34 min Scan# 285

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

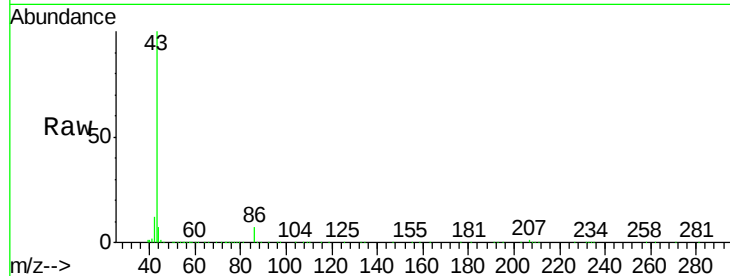
VF0507SBS01

Tot Ion: 43 Resp: 398842

Ion Ratio Lower Upper

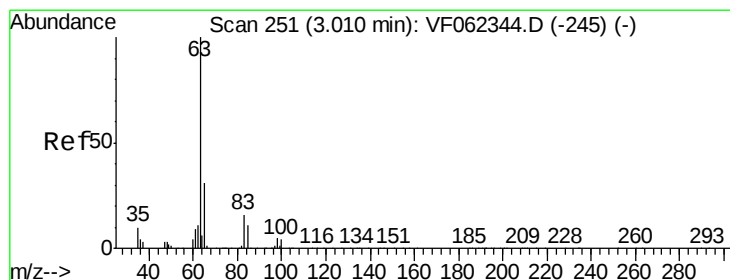
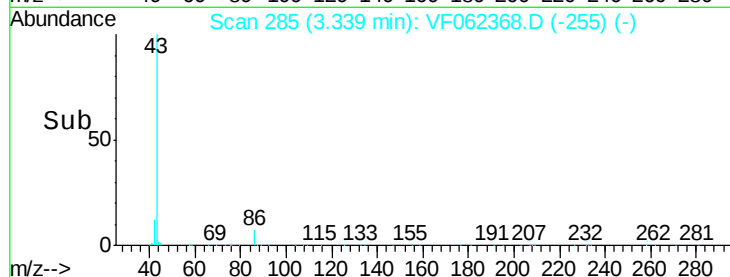
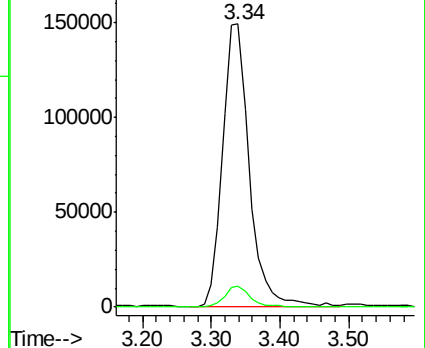
43 100

86 7.3 5.7 8.5



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#24

1,1-Dichloroethane

Concen: 19.802 ug/l

RT: 2.99 min Scan# 250

Delta R.T. -0.02 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

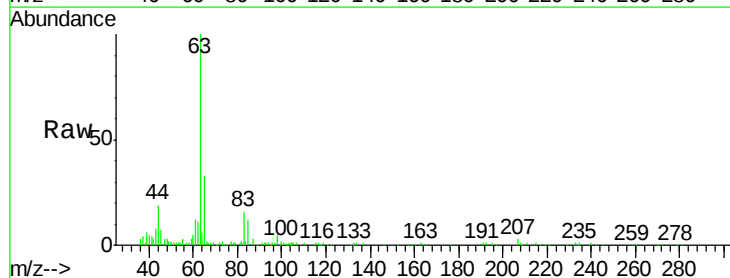
Tgt Ion: 63 Resp: 91804

Ion Ratio Lower Upper

63 100

98 5.0 2.6 8.0

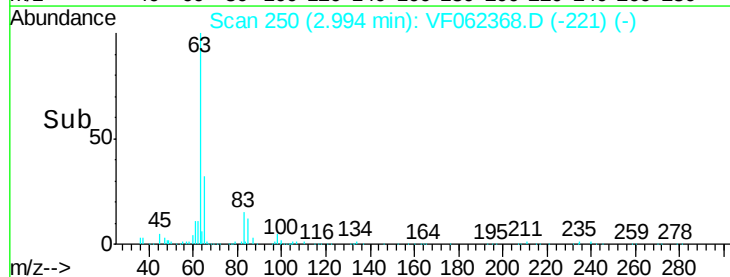
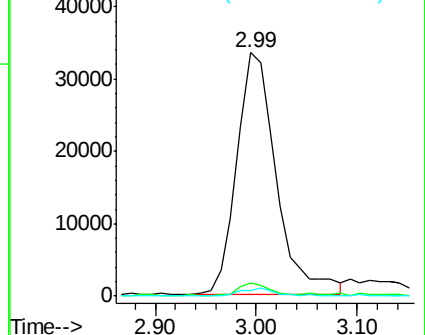
100 2.4 1.8 5.4

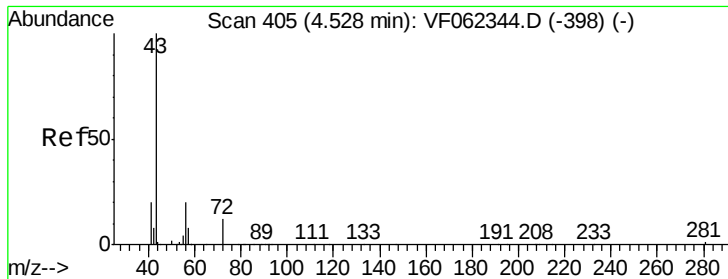


Abundance Ion 62.90 (62.60 to 63.60): VF0

Ion 97.90 (97.60 to 98.60): VF0

Ion 99.90 (99.60 to 100.60): VF0





#25

2-Butanone

Concen: 109.945 ug/l

RT: 4.51 min Scan# 404

Delta R.T. -0.02 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

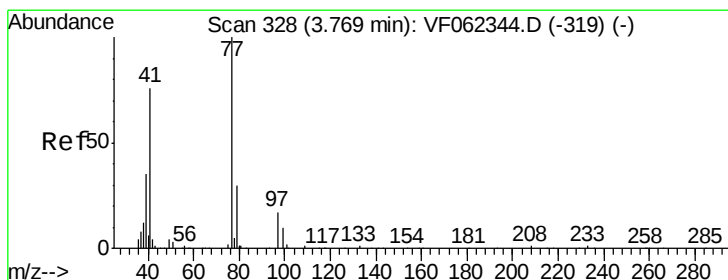
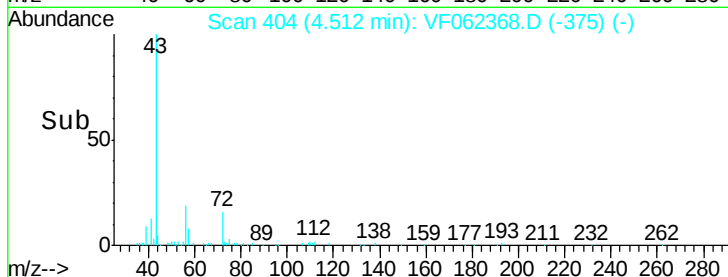
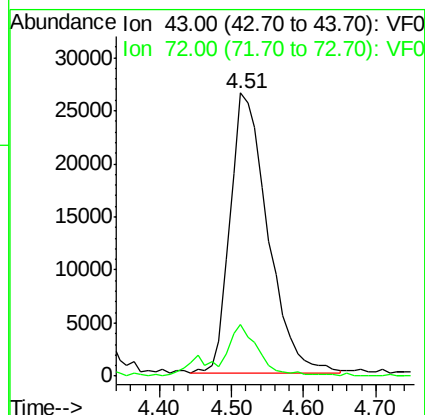
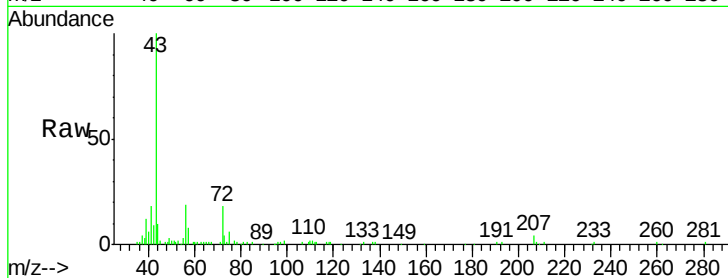
VF0507SBS01

Tot Ion: 43 Resp: 95697

Ion Ratio Lower Upper

43 100

72 17.9 14.2 21.4



#26

2,2-Dichloropropane

Concen: 17.967 ug/l

RT: 3.76 min Scan# 328

Delta R.T. -0.01 min

Lab File: VF062368.D

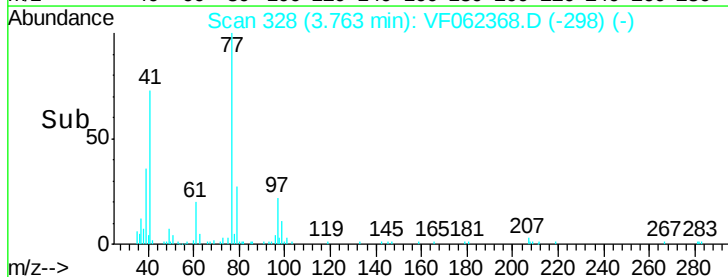
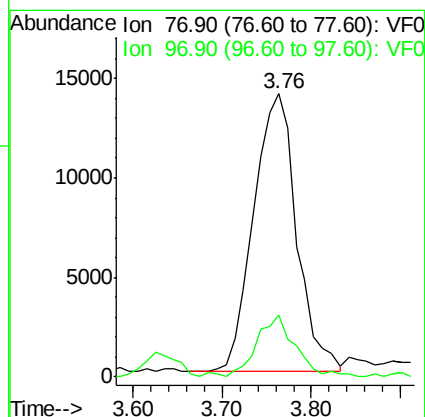
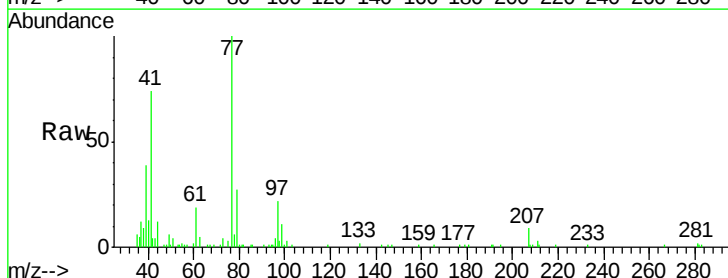
Acq: 7 May 2019 20:13

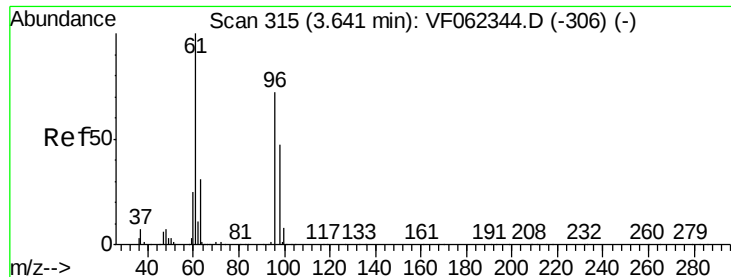
Tgt Ion: 77 Resp: 46519

Ion Ratio Lower Upper

77 100

97 20.4 9.5 28.5



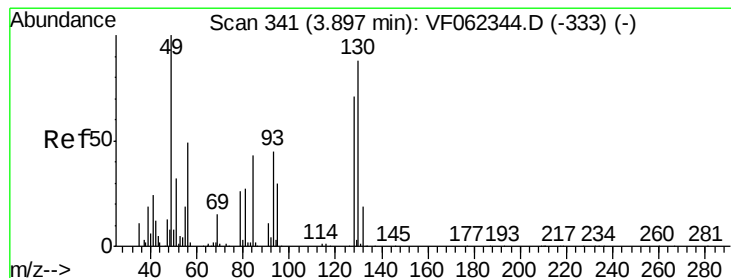
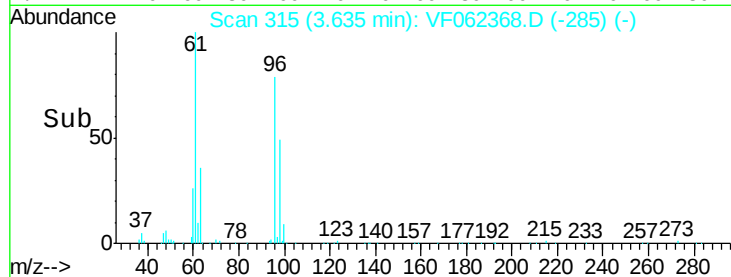
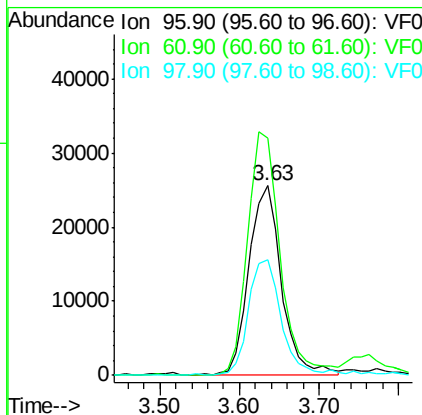
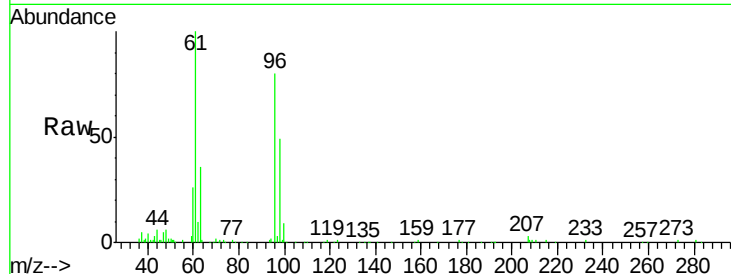


#27

cis-1,2-Dichloroethene  
 Concen: 21.776 ug/l  
 RT: 3.63 min Scan# 315  
 Delta R.T. -0.01 min  
 Lab File: VF062368.D  
 Acq: 7 May 2019 20:13

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0507SBS01

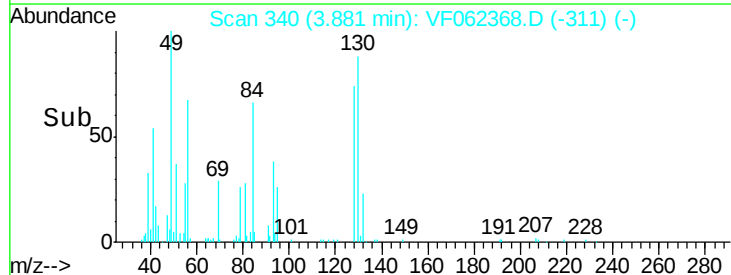
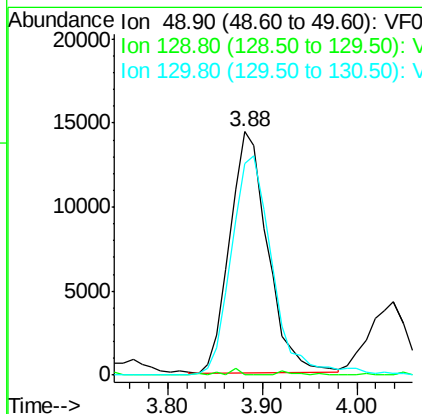
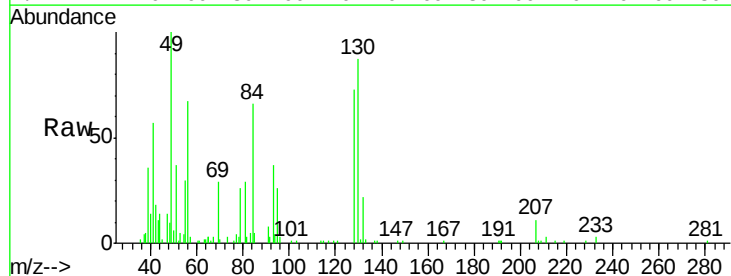
Tot Ion: 96 Resp: 72058  
 Ion Ratio Lower Upper  
 96 100  
 61 127.7 0.0 263.0  
 98 60.6 0.0 130.8

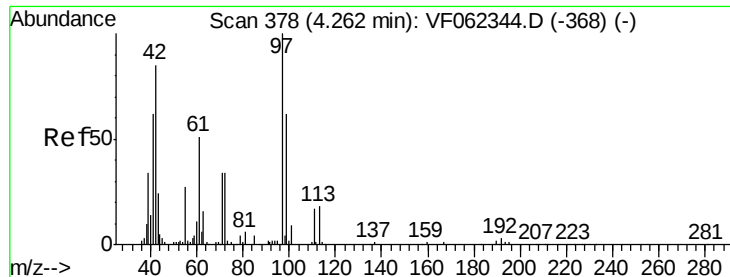


#28

Bromochloromethane  
 Concen: 19.074 ug/l  
 RT: 3.88 min Scan# 340  
 Delta R.T. -0.02 min  
 Lab File: VF062368.D  
 Acq: 7 May 2019 20:13

Tgt Ion: 49 Resp: 40106  
 Ion Ratio Lower Upper  
 49 100  
 129 0.8 0.0 2.2  
 130 98.8 79.4 119.0





#29

Tetrahydrofuran

Concen: 107.958 ug/l

RT: 4.27 min Scan# 379

Delta R.T. 0.00 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

VF0507SBS01

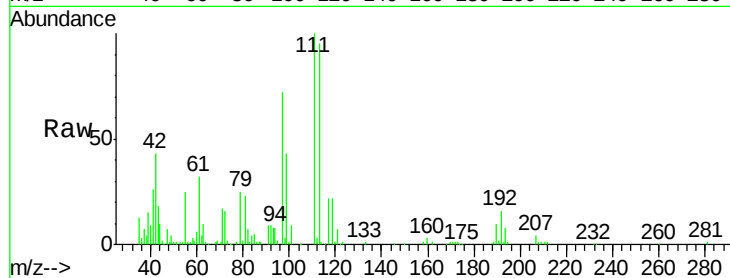
Tot Ion: 42 Resp: 43187

Ion Ratio Lower Upper

42 100

72 38.5 31.4 47.0

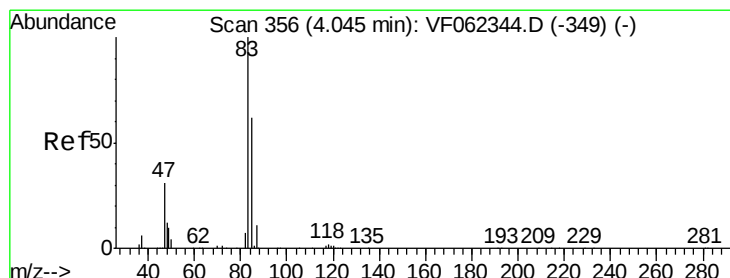
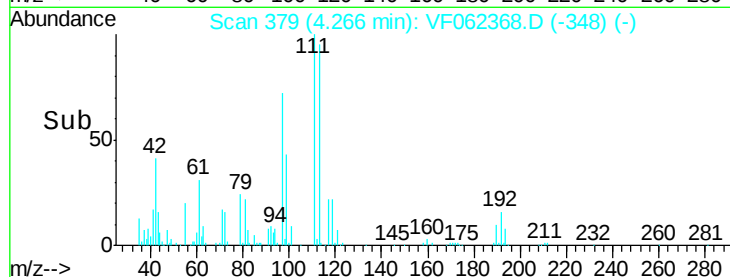
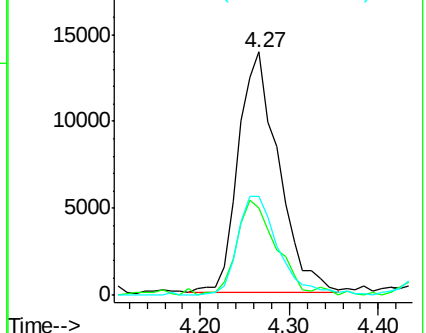
71 42.4 31.7 47.5



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



#30

Chloroform

Concen: 21.180 ug/l

RT: 4.03 min Scan# 355

Delta R.T. -0.02 min

Lab File: VF062368.D

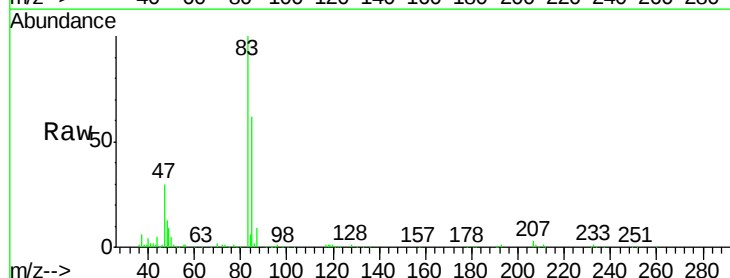
Acq: 7 May 2019 20:13

Tgt Ion: 83 Resp: 132661

Ion Ratio Lower Upper

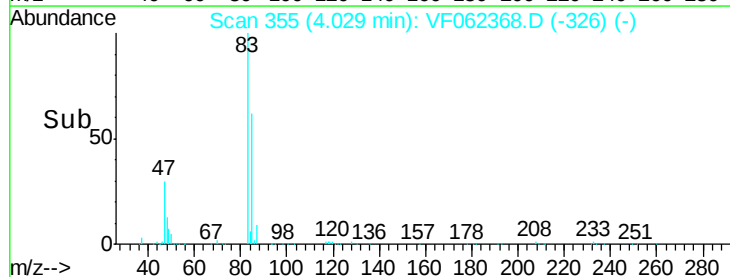
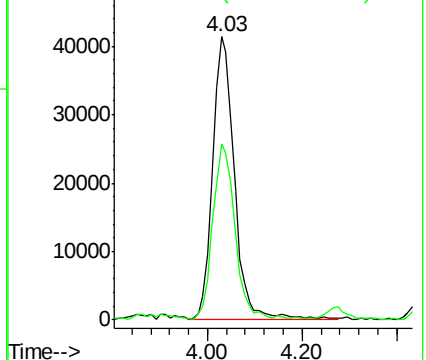
83 100

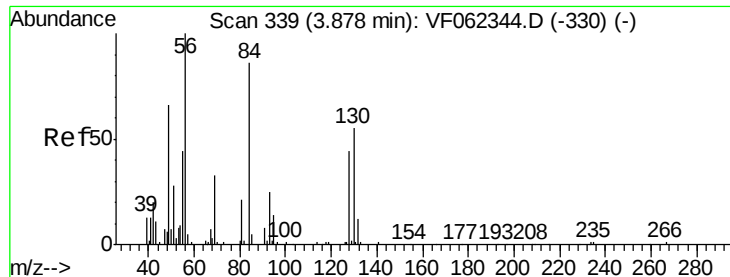
85 61.6 49.6 74.4



Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 84.90 (84.60 to 85.60): VF0





#31

Cyclohexane

Concen: 12.991 ug/l

RT: 3.85 min Scan# 337

Delta R.T. -0.03 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

VF0507SBS01

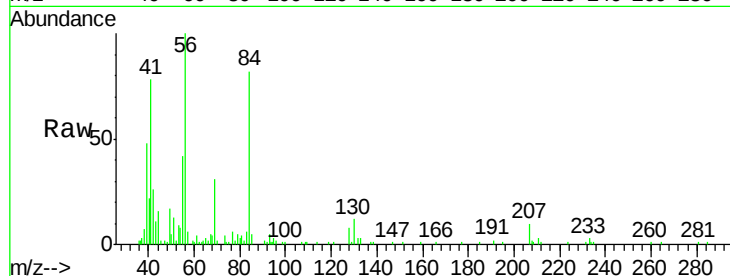
Tot Ion: 56 Resp: 48072

Ion Ratio Lower Upper

56 100

69 30.8 26.4 39.6

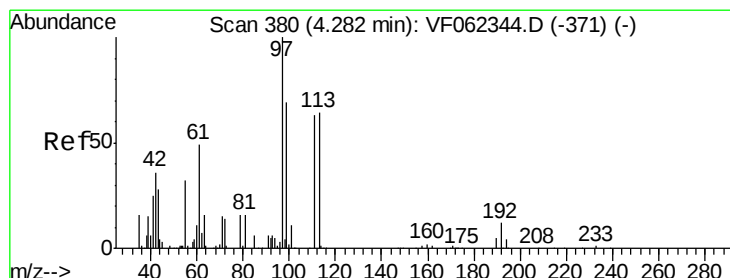
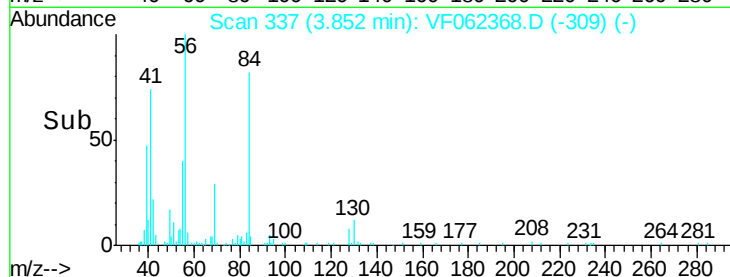
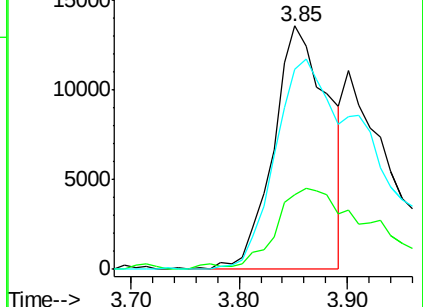
84 81.9 69.0 103.6



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0



#32

1,1,1-Trichloroethane

Concen: 15.225 ug/l

RT: 4.27 min Scan# 379

Delta R.T. -0.02 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

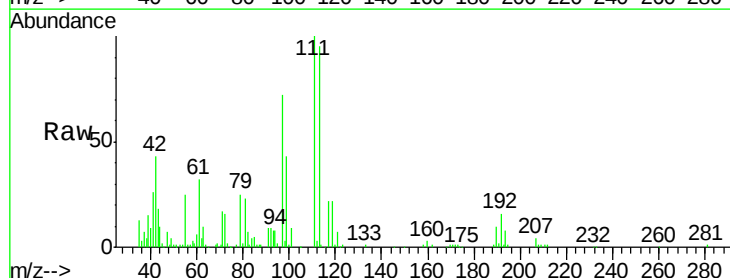
Tgt Ion: 97 Resp: 81732

Ion Ratio Lower Upper

97 100

99 63.9 52.6 78.8

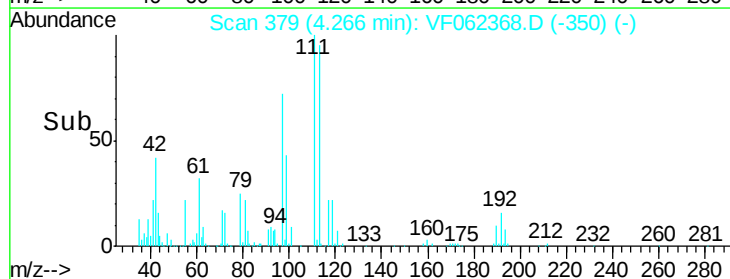
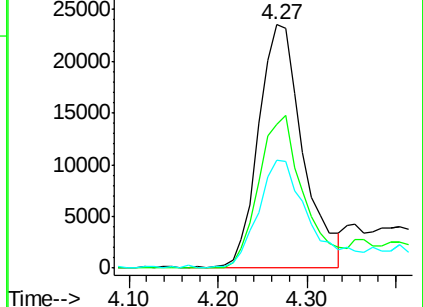
61 51.5 39.4 59.0

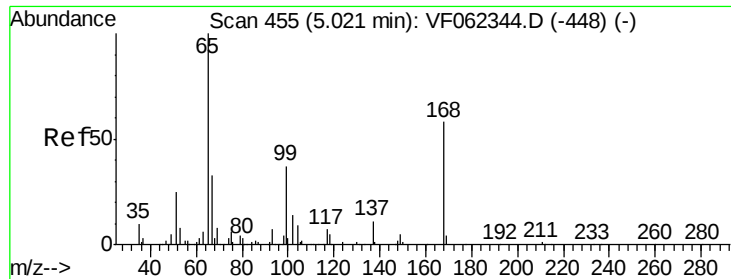


Abundance Ion 96.90 (96.60 to 97.60): VF0

Ion 98.90 (98.60 to 99.60): VF0

Ion 60.90 (60.60 to 61.60): VF0

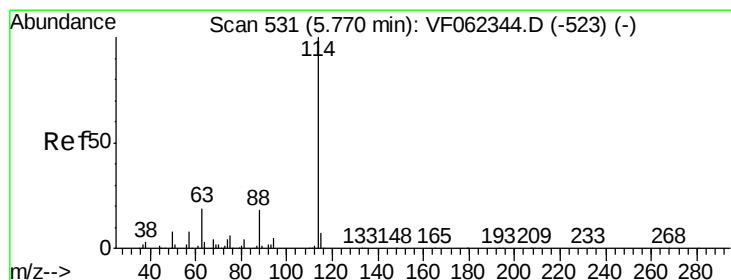
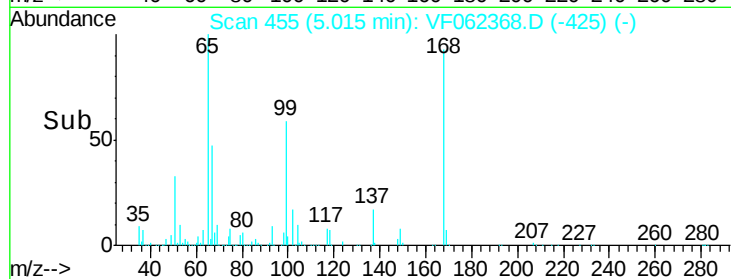
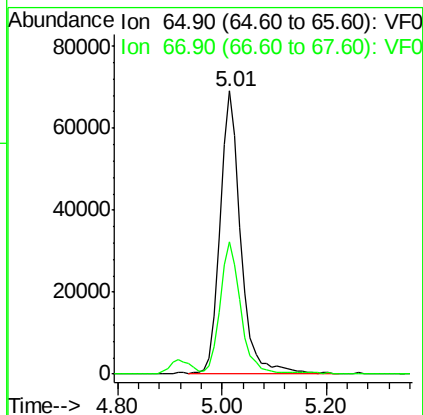
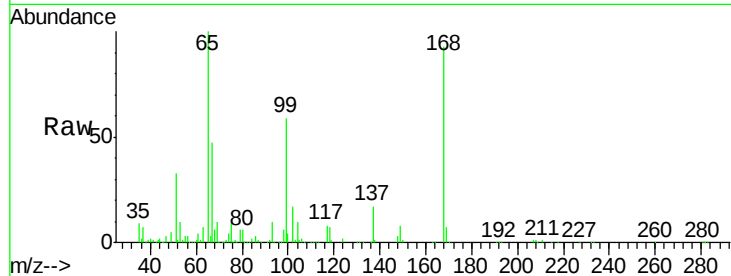




#33  
 1,2-Dichloroethane-d4  
 Concen: 55.563 ug/l  
 RT: 5.01 min Scan# 455  
 Delta R.T. -0.01 min  
 Lab File: VF062368.D  
 Acq: 7 May 2019 20:13

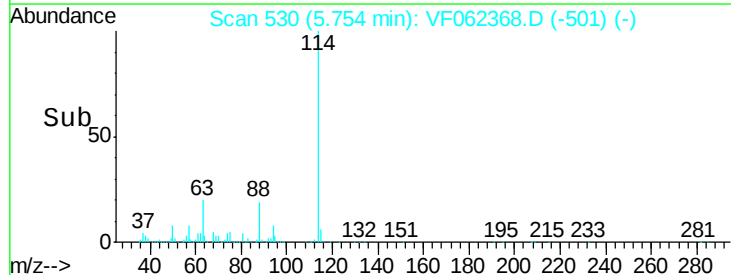
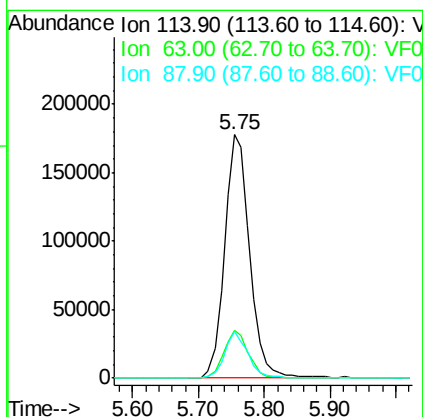
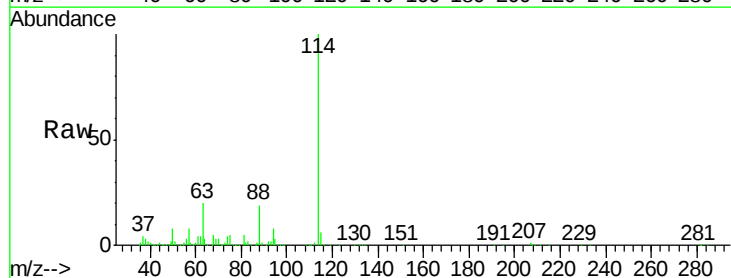
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0507SBSD01

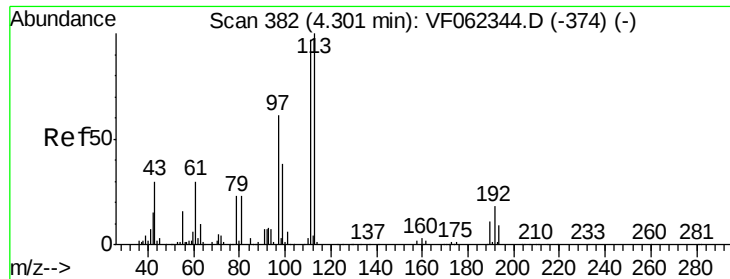
Tot Ion: 65 Resp: 190296  
 Ion Ratio Lower Upper  
 65 100  
 67 44.9 0.0 85.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.75 min Scan# 530  
 Delta R.T. -0.02 min  
 Lab File: VF062368.D  
 Acq: 7 May 2019 20:13

Tgt Ion: 114 Resp: 471992  
 Ion Ratio Lower Upper  
 114 100  
 63 19.8 0.0 37.4  
 88 18.9 0.0 36.4

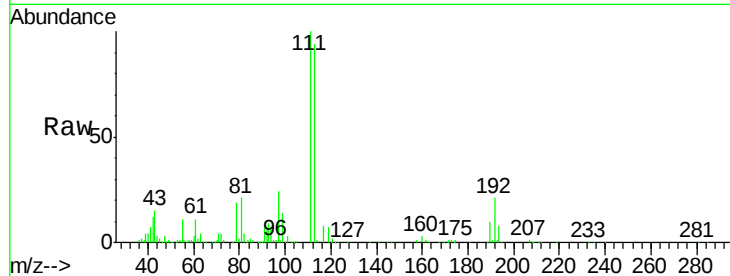




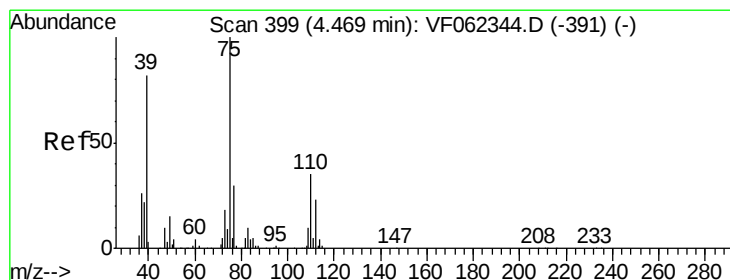
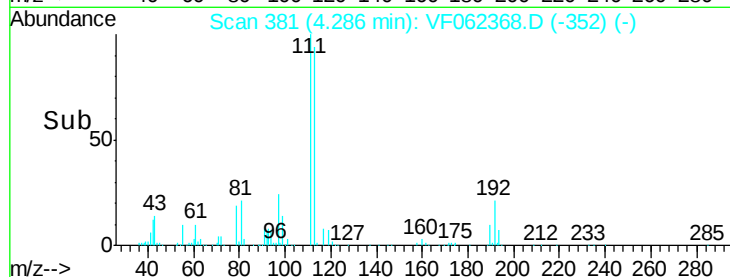
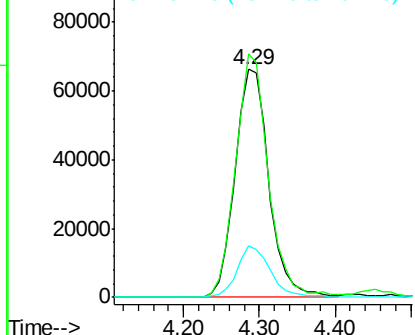
#35  
Dibromofluoromethane  
Concen: 54.698 ug/l  
RT: 4.29 min Scan# 381  
Delta R.T. -0.02 min  
Lab File: VF062368.D  
Acq: 7 May 2019 20:13

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0507SBS01

Tot Ion:113 Resp: 205681  
Ion Ratio Lower Upper  
113 100  
111 103.1 79.4 119.0  
192 21.7 16.0 24.0

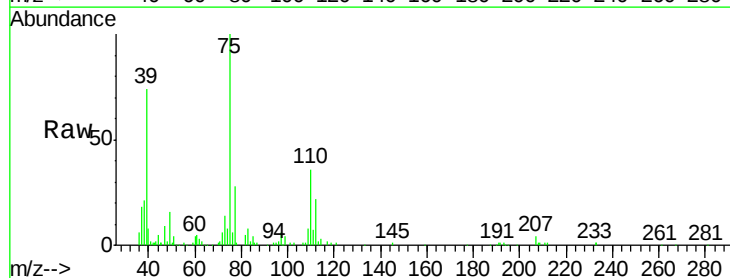


Abundance Ion 112.80 (112.50 to 113.50): V  
Ion 110.80 (110.50 to 111.50): V  
Ion 191.70 (191.40 to 192.40): V

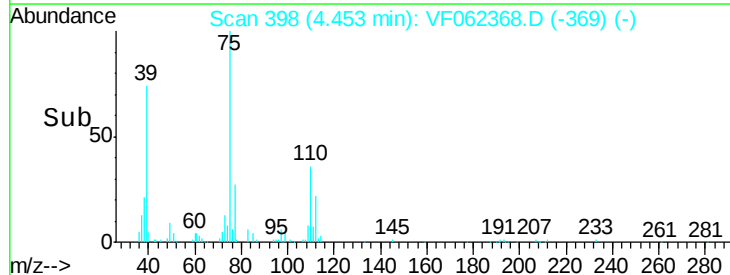
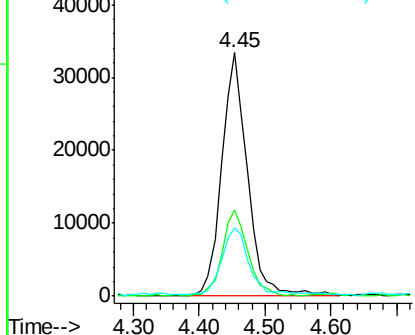


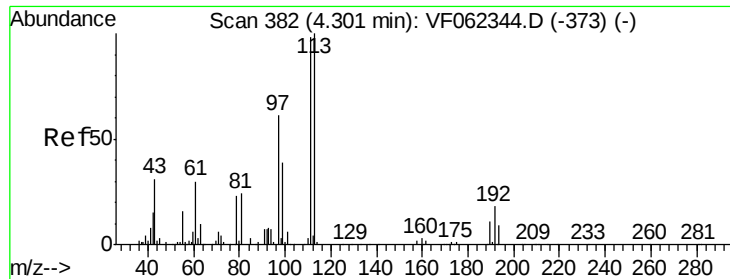
#36  
1,1-Dichloropropene  
Concen: 22.548 ug/l  
RT: 4.45 min Scan# 398  
Delta R.T. -0.02 min  
Lab File: VF062368.D  
Acq: 7 May 2019 20:13

Tgt Ion: 75 Resp: 91424  
Ion Ratio Lower Upper  
75 100  
110 35.2 17.2 51.5  
77 32.7 25.2 37.8



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: 21.996 ug/l

RT: 4.29 min Scan# 381

Delta R.T. -0.02 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

VF0507SBS01

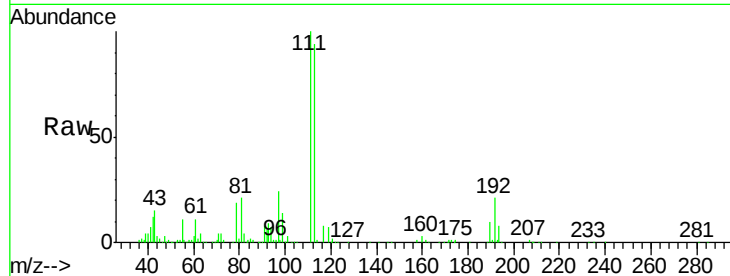
Tot Ion: 43 Resp: 39389

Ion Ratio Lower Upper

43 100

61 0.0 0.0 0.0

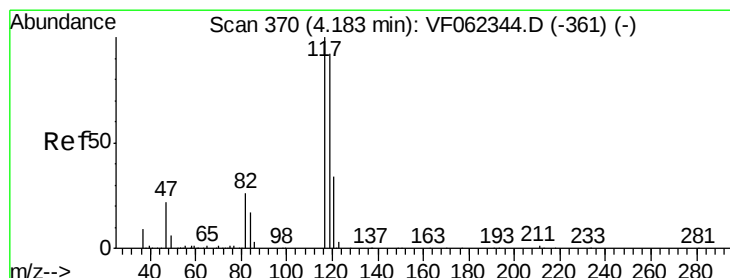
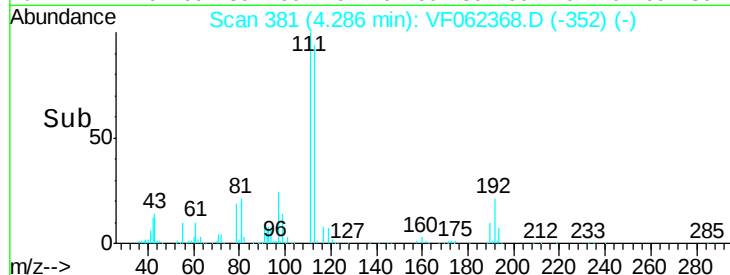
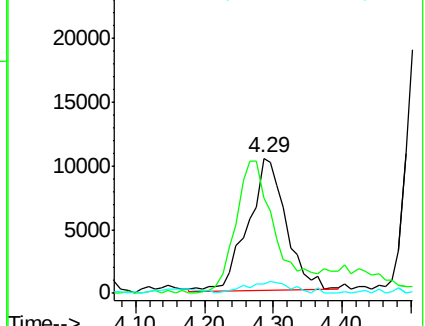
70 10.2 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 60.90 (60.60 to 61.60): VF0

Ion 70.00 (69.70 to 70.70): VF0



#38

Carbon Tetrachloride

Concen: 17.199 ug/l

RT: 4.17 min Scan# 369

Delta R.T. -0.02 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

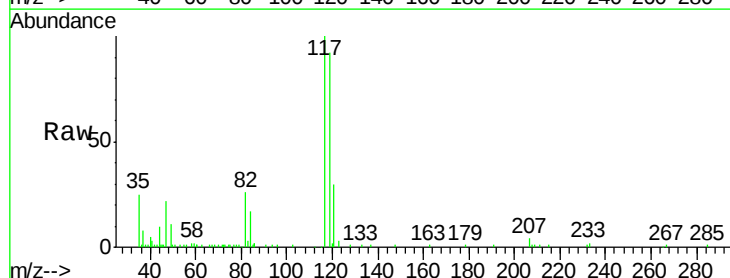
Tgt Ion: 117 Resp: 80002

Ion Ratio Lower Upper

117 100

119 92.4 73.4 110.2

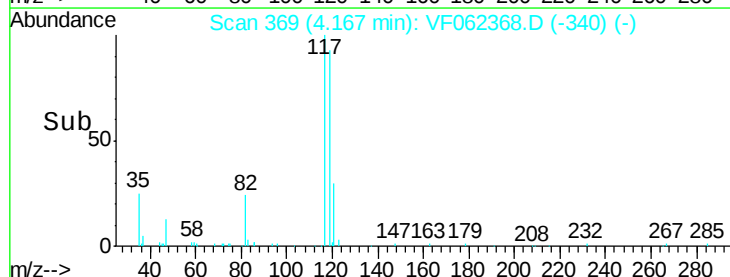
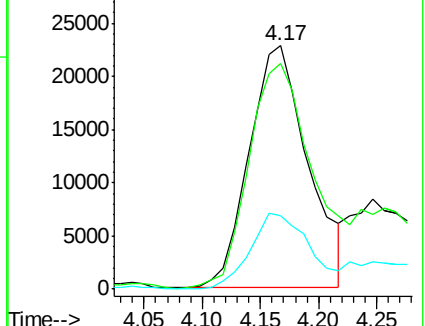
121 30.5 27.4 41.0

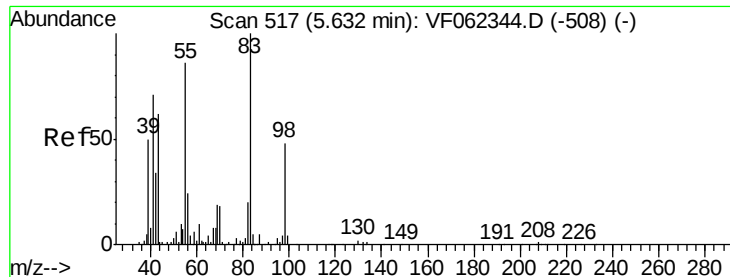


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

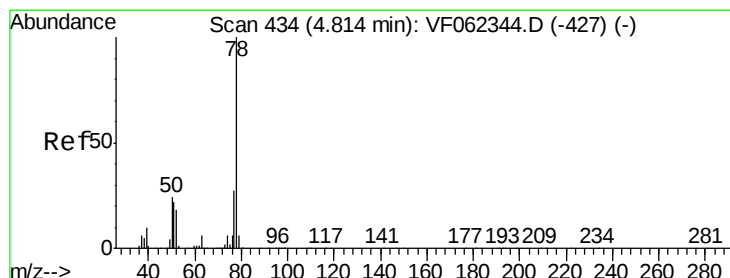
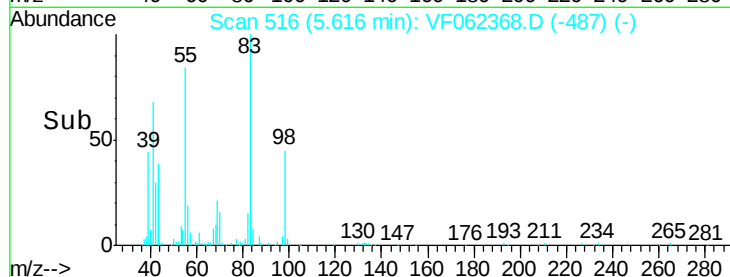
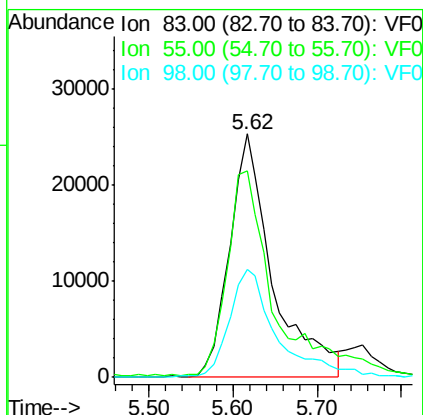
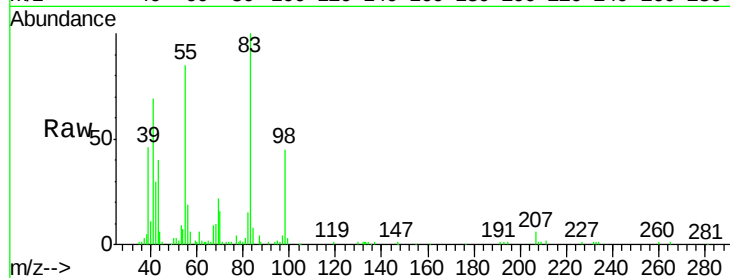




#39  
Methvlcvclohexane  
Concen: 22.219 ug/l  
RT: 5.62 min Scan# 516  
Delta R.T. -0.02 min  
Lab File: VF062368.D  
Acq: 7 May 2019 20:13

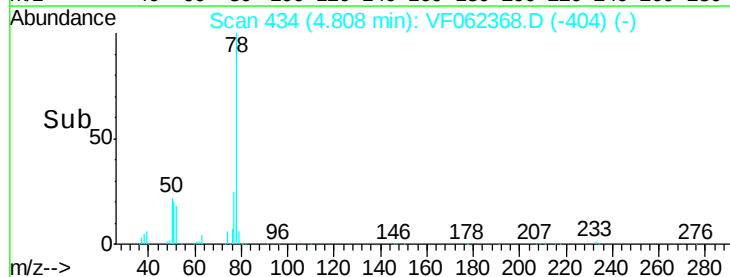
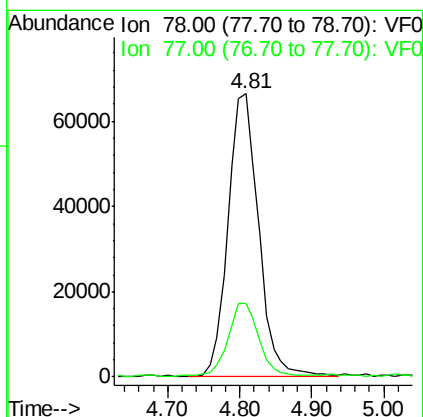
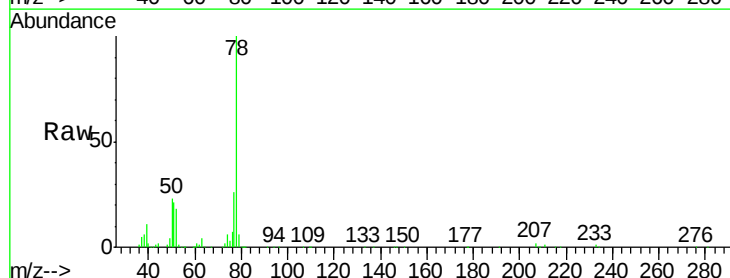
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0507SBS01

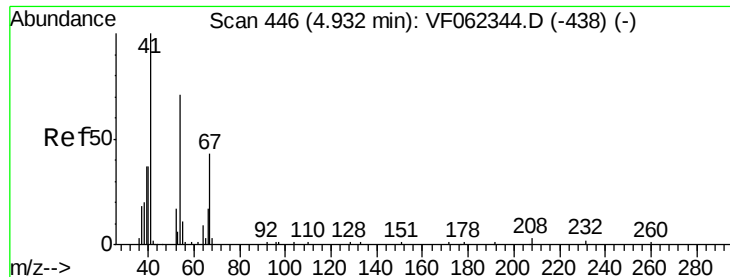
Tot Ion: 83 Resp: 90351  
Ion Ratio Lower Upper  
83 100  
55 83.7 69.0 103.6  
98 44.1 38.6 58.0



#40  
Benzene  
Concen: 21.990 ug/l  
RT: 4.81 min Scan# 434  
Delta R.T. -0.01 min  
Lab File: VF062368.D  
Acq: 7 May 2019 20:13

Tgt Ion: 78 Resp: 196334  
Ion Ratio Lower Upper  
78 100  
77 25.5 21.6 32.4





#41

Methacrylonitrile

Concen: 20.562 ug/l

RT: 4.92 min Scan# 445

Delta R.T. -0.02 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

VF0507SBSD01

Tot Ion: 41 Resp: 19991

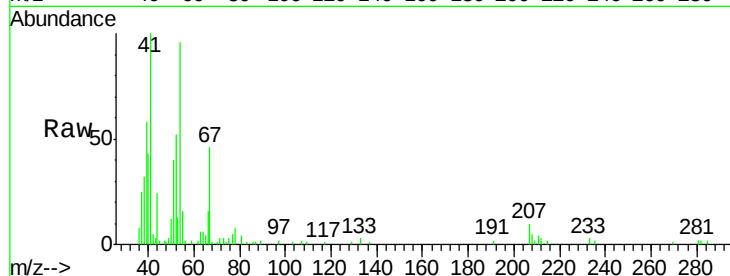
Ion Ratio Lower Upper

41 100

39 71.6 54.3 81.5

67 52.4 37.8 56.8

52 69.9 58.2 87.4

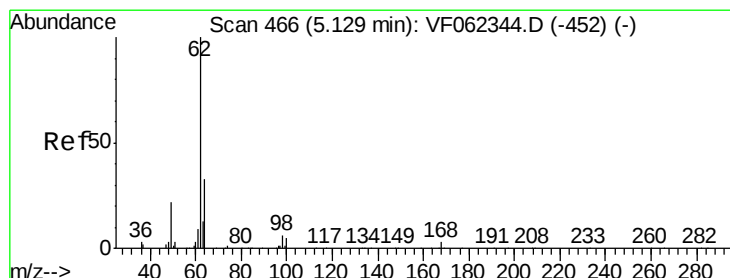
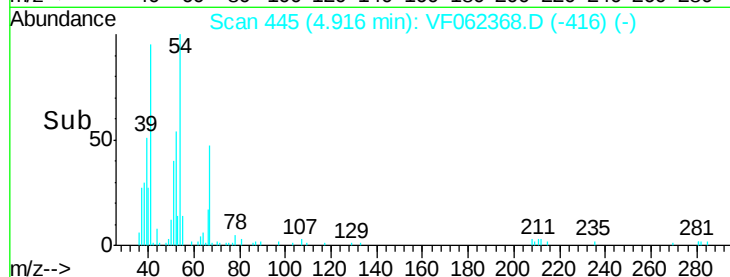
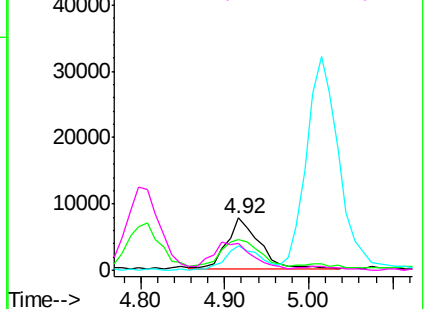


Abundance Ion 41.00 (40.70 to 41.70): VF0

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: 21.447 ug/l

RT: 5.11 min Scan# 465

Delta R.T. -0.02 min

Lab File: VF062368.D

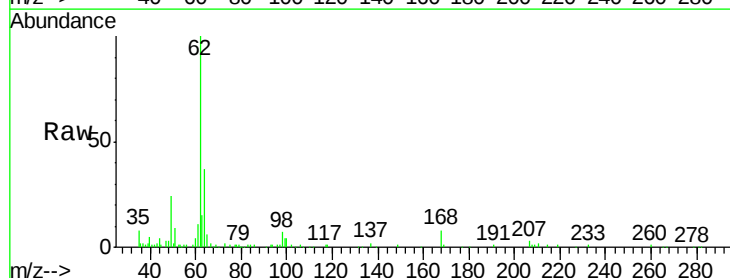
Acq: 7 May 2019 20:13

Tgt Ion: 62 Resp: 80087

Ion Ratio Lower Upper

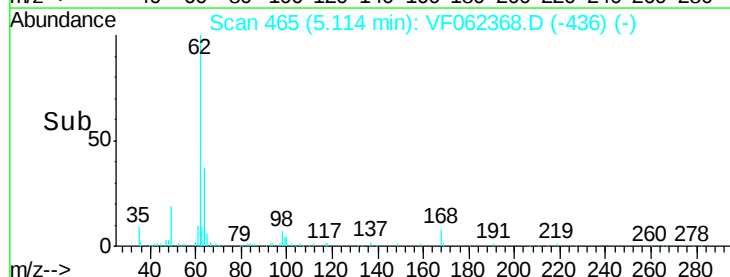
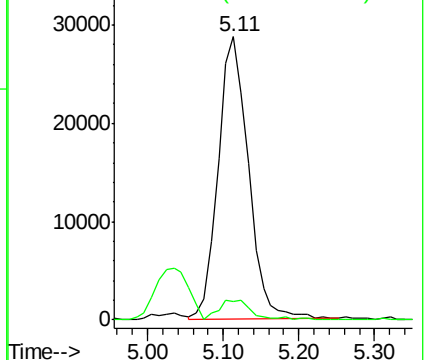
62 100

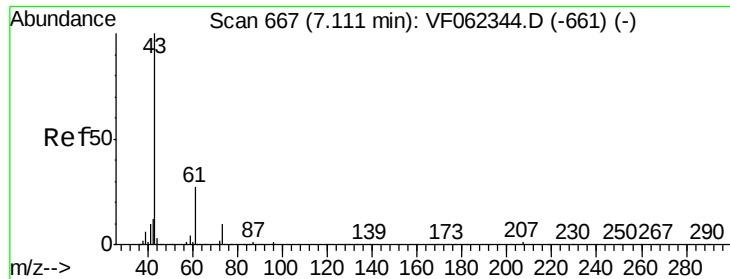
98 7.6 0.0 12.4



Abundance Ion 61.90 (61.60 to 62.60): VF0

Ion 97.90 (97.60 to 98.60): VF0





#43

Isopropyl Acetate

Concen: 23.471 ug/l

RT: 7.10 min Scan# 667

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

VF0507SBS01

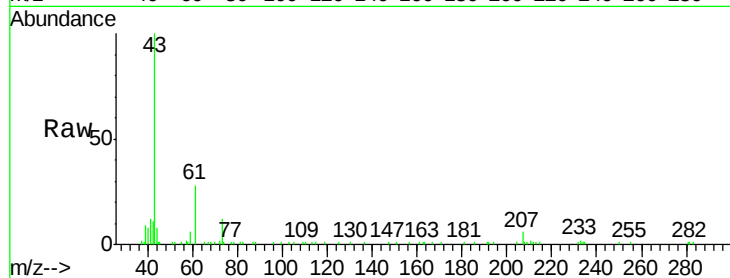
Tot Ion: 43 Resp: 43286

Ion Ratio Lower Upper

43 100

61 27.4 22.8 34.2

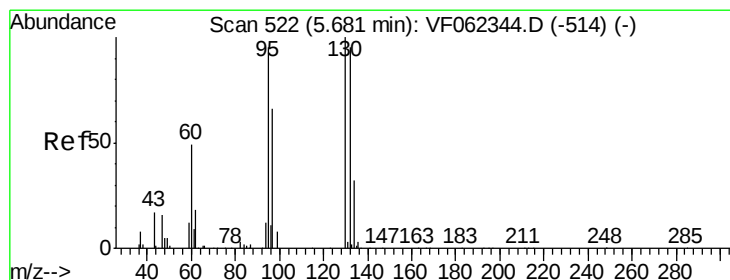
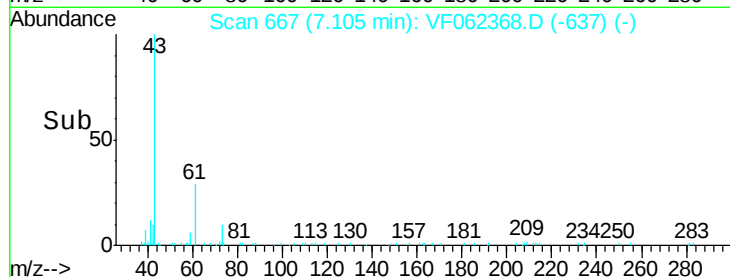
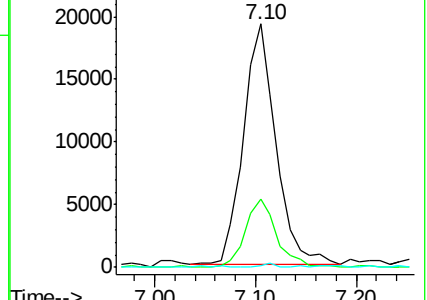
87 0.7 0.6 1.0



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: 21.931 ug/l

RT: 5.67 min Scan# 521

Delta R.T. -0.02 min

Lab File: VF062368.D

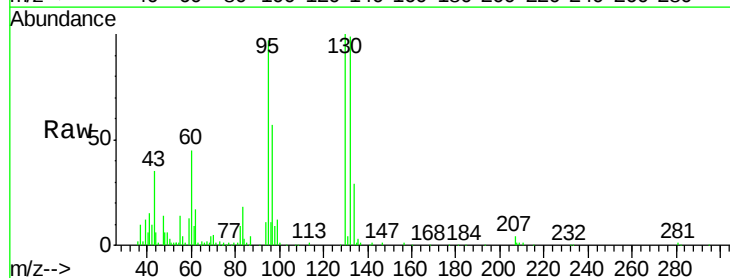
Acq: 7 May 2019 20:13

Tgt Ion:130 Resp: 71930

Ion Ratio Lower Upper

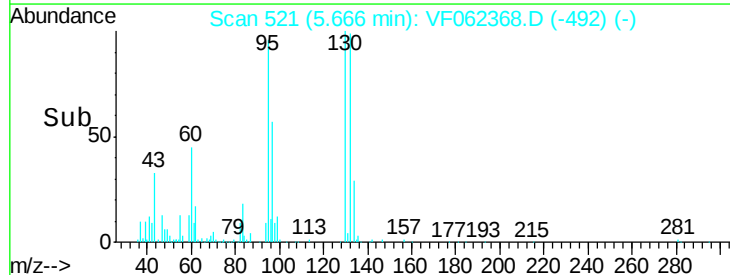
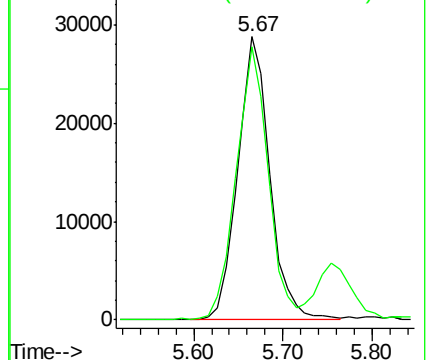
130 100

95 96.6 0.0 189.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 23.848 ug/l

RT: 6.40 min Scan# 595

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

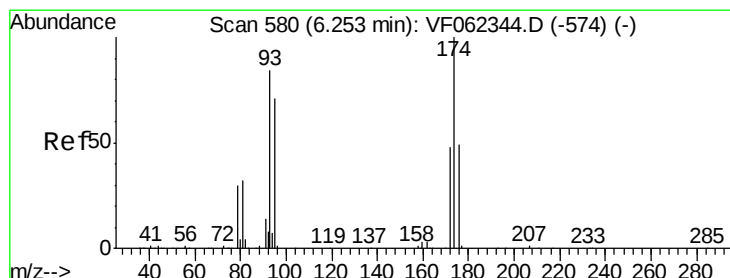
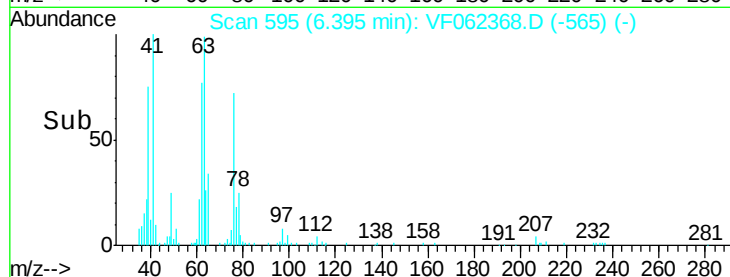
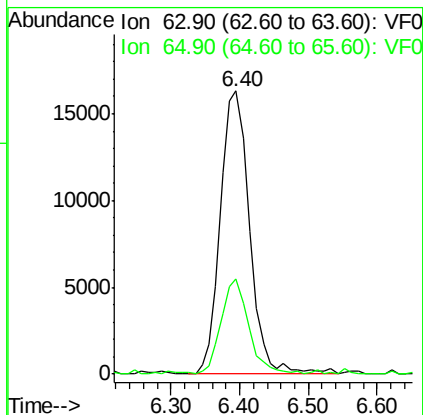
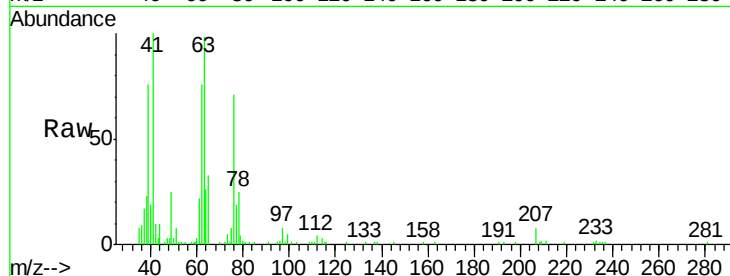
VF0507SBS01

Tot Ion: 63 Resp: 48229

Ion Ratio Lower Upper

63 100

65 33.6 25.6 38.4



#46

Dibromomethane

Concen: 22.383 ug/l

RT: 6.25 min Scan# 580

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

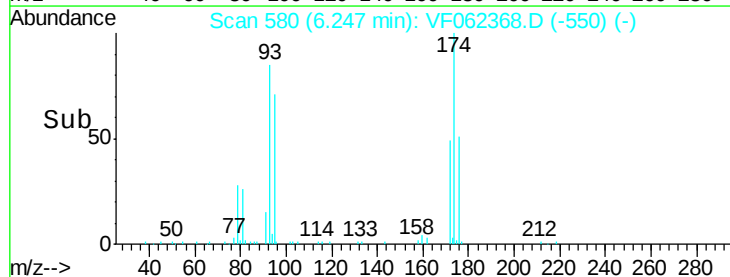
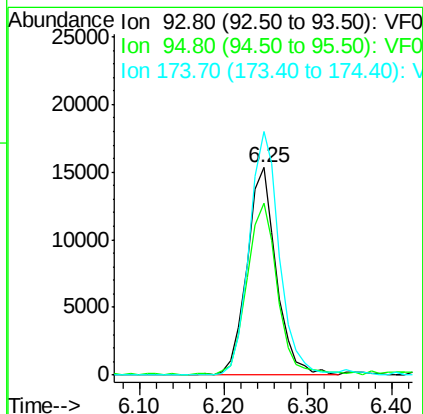
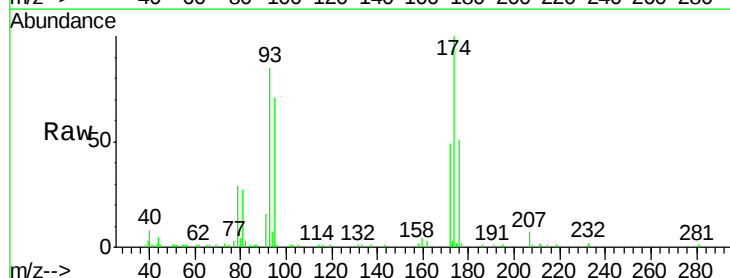
Tgt Ion: 93 Resp: 37530

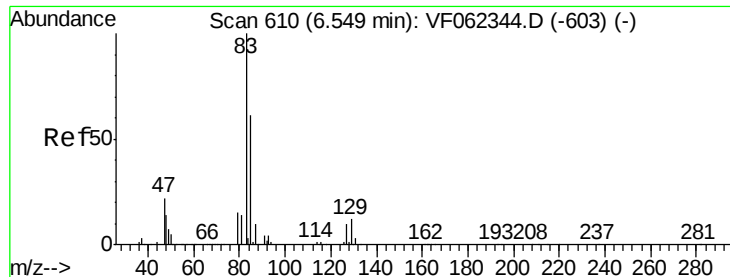
Ion Ratio Lower Upper

93 100

95 87.3 68.4 102.6

174 120.1 99.6 149.4





#47

Bromodichloromethane

Concen: 20.891 ug/l

RT: 6.54 min Scan# 610

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

VF0507SBS01

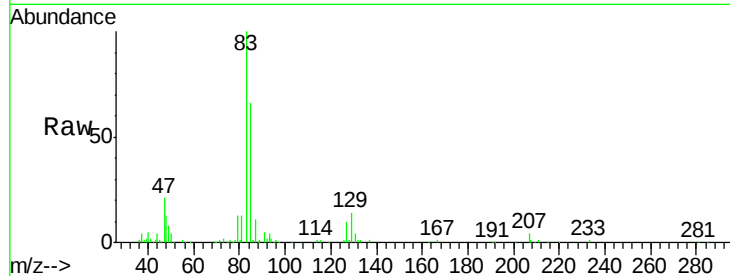
Tot Ion: 83 Resp: 87577

Ion Ratio Lower Upper

83 100

85 65.5 49.1 73.7

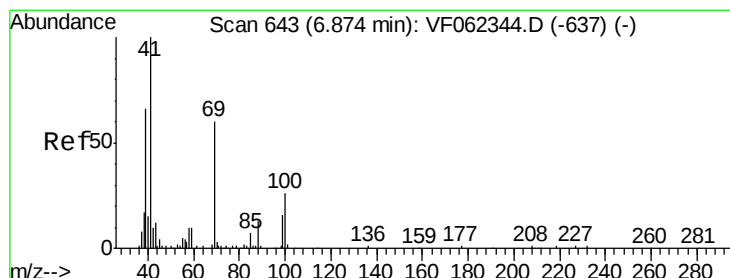
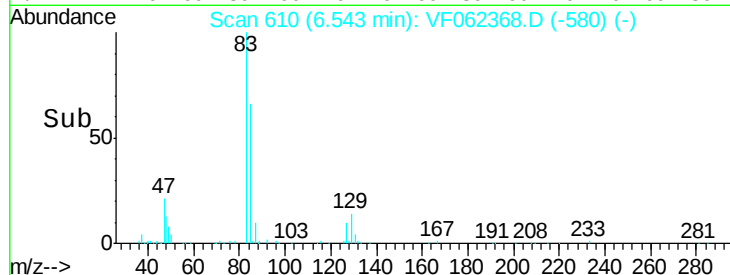
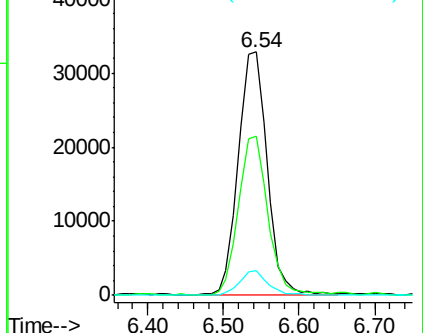
127 10.4 7.8 11.8



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: 24.420 ug/l

RT: 6.87 min Scan# 643

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

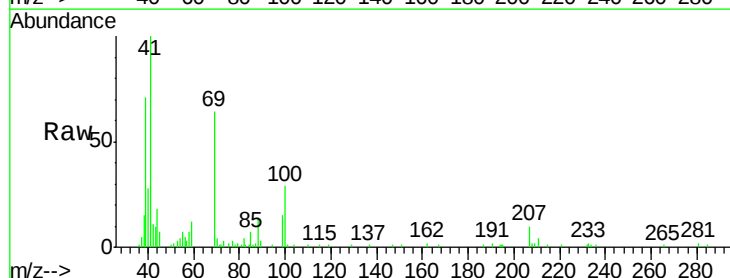
Tgt Ion: 41 Resp: 31827

Ion Ratio Lower Upper

41 100

69 67.5 48.6 72.8

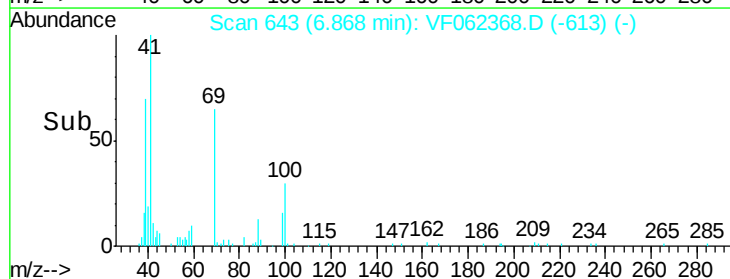
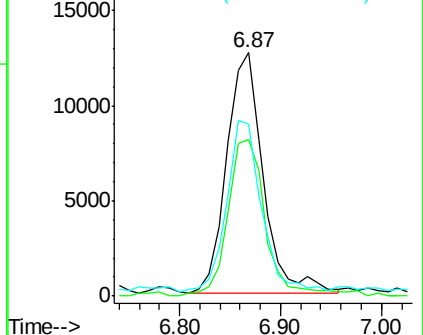
39 66.9 56.1 84.1

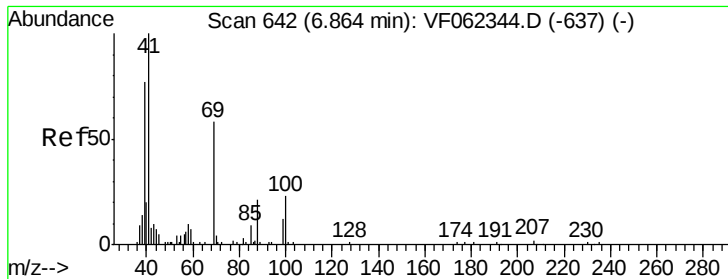


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#49

1,4-Dioxane

Concen: 448.549 ug/l

RT: 6.86 min Scan# 642

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

VF0507SBSD01

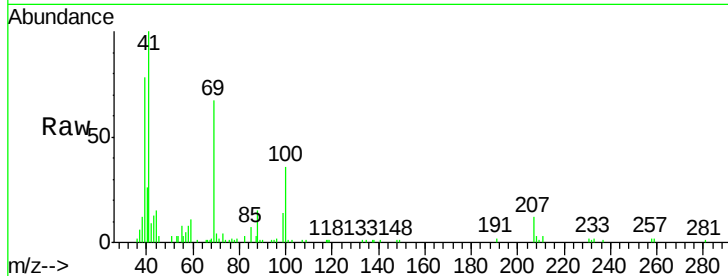
Tot Ion: 88 Resp: 6109

Ion Ratio Lower Upper

88 100

43 101.7 55.6 83.4#

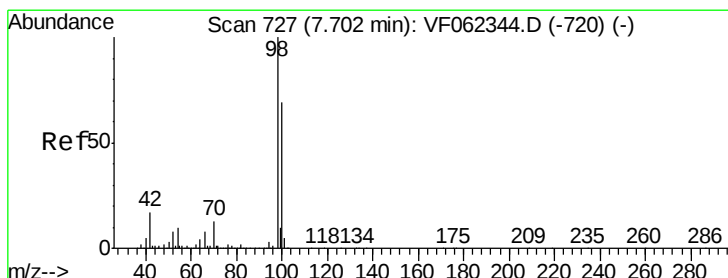
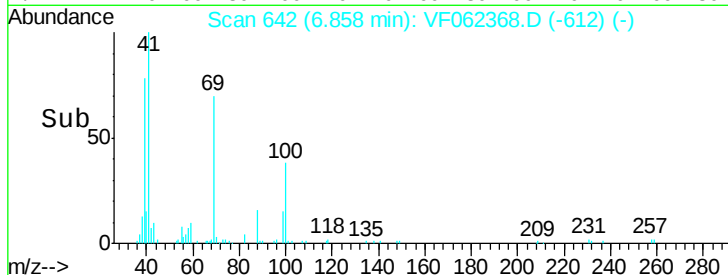
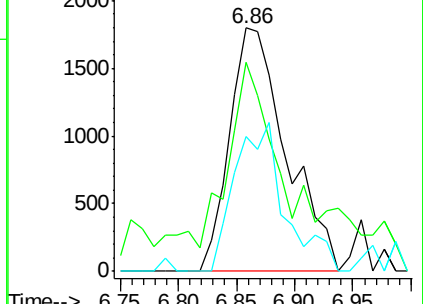
58 53.5 52.8 79.2



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: 57.158 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.01 min

Lab File: VF062368.D

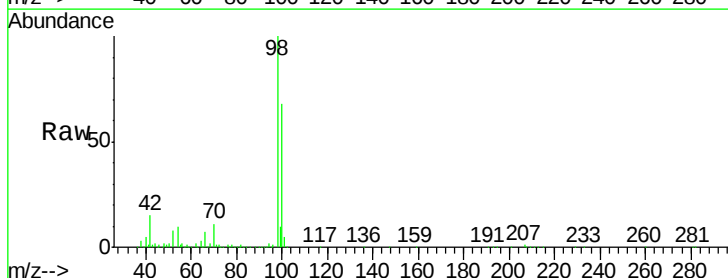
Acq: 7 May 2019 20:13

Tgt Ion: 98 Resp: 520272

Ion Ratio Lower Upper

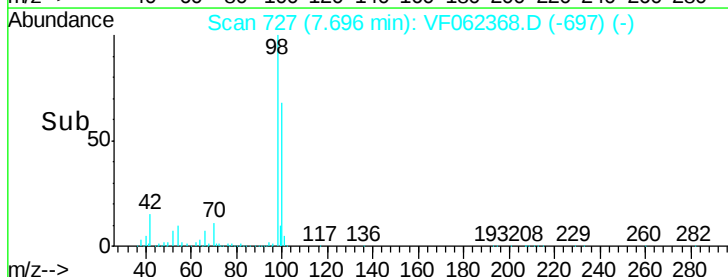
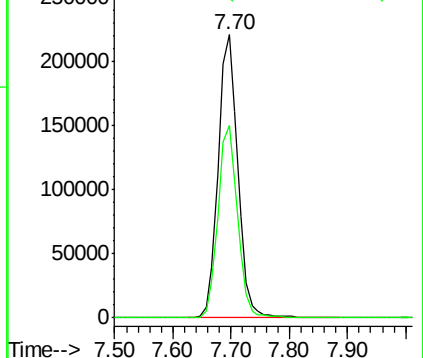
98 100

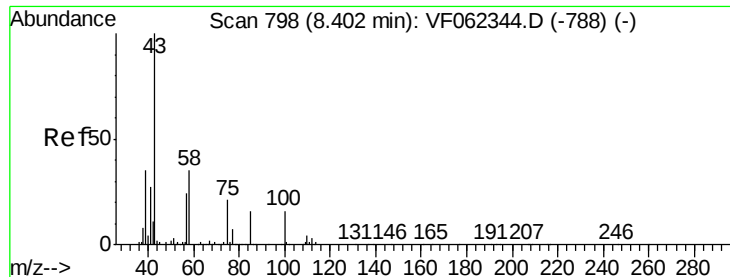
100 67.5 53.3 79.9



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: 114.293 ug/l

RT: 8.39 min Scan# 797

Delta R.T. -0.02 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

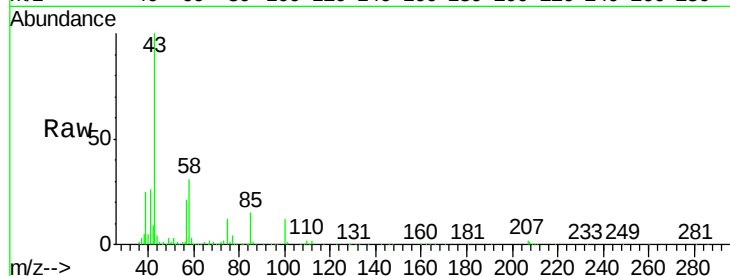
VF0507SBS01

Tot Ion: 43 Resp: 159719

Ion Ratio Lower Upper

43 100

58 33.5 27.8 41.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.39

80000

60000

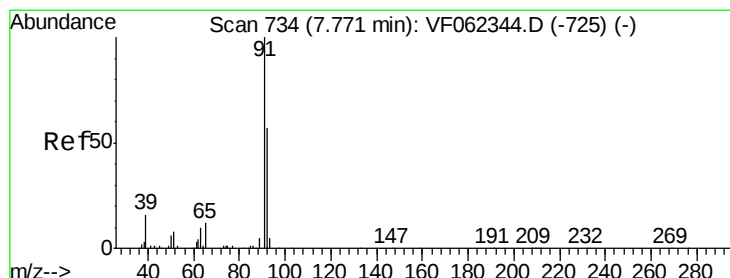
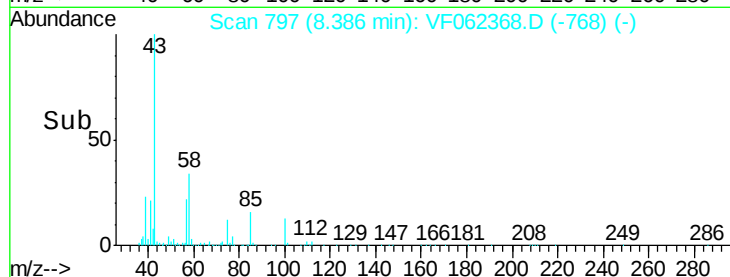
40000

20000

0

8.30 8.40 8.50 8.60

Time-->



#52

Toluene

Concen: 22.136 ug/l

RT: 7.77 min Scan# 734

Delta R.T. -0.01 min

Lab File: VF062368.D

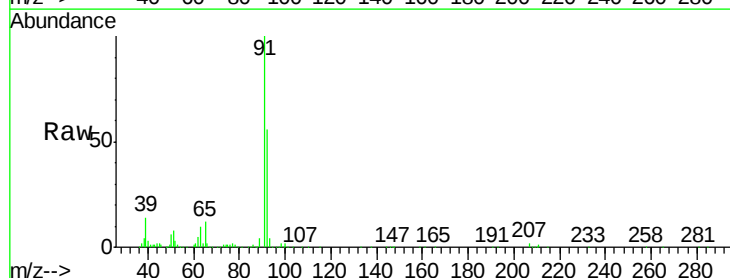
Acq: 7 May 2019 20:13

Tgt Ion: 92 Resp: 121925

Ion Ratio Lower Upper

92 100

91 170.8 138.7 208.1



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

7.77

100000

80000

60000

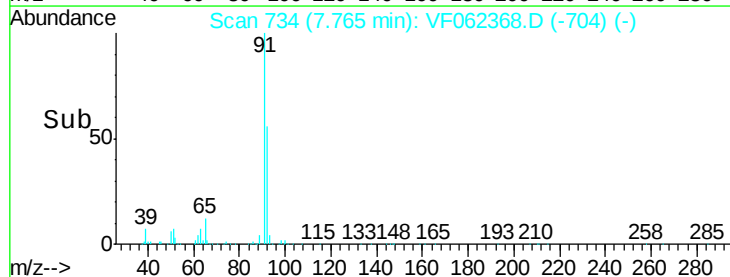
40000

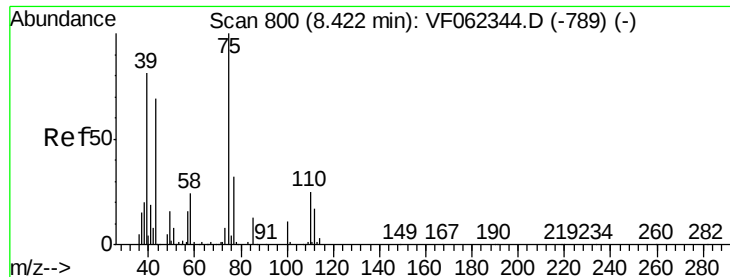
20000

0

7.60 7.70 7.80 7.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 21.516 ug/l

RT: 8.41 min Scan# 799

Delta R.T. -0.02 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

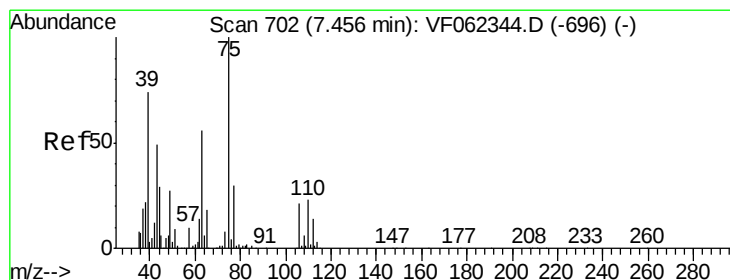
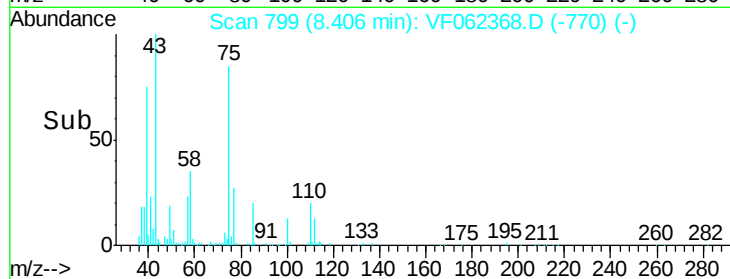
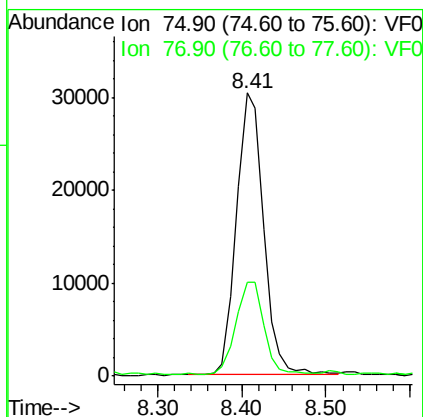
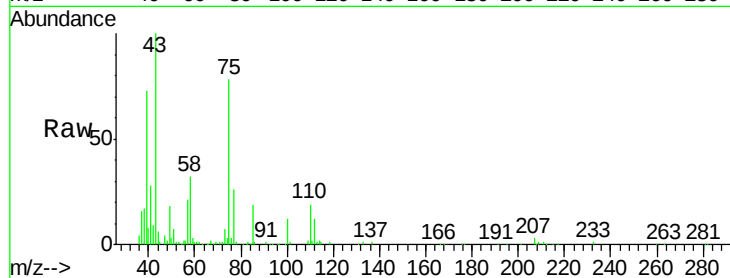
VF0507SBSD01

Tot Ion: 75 Resp: 68221

Ion Ratio Lower Upper

75 100

77 32.1 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 23.244 ug/l

RT: 7.44 min Scan# 701

Delta R.T. -0.02 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

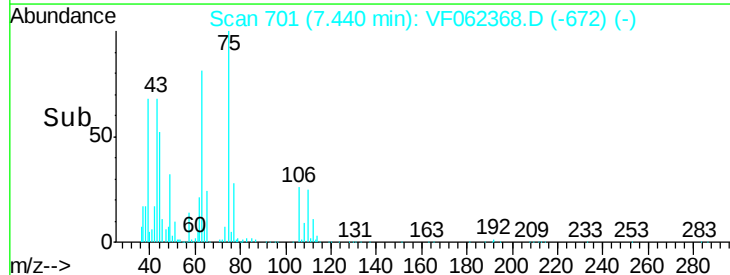
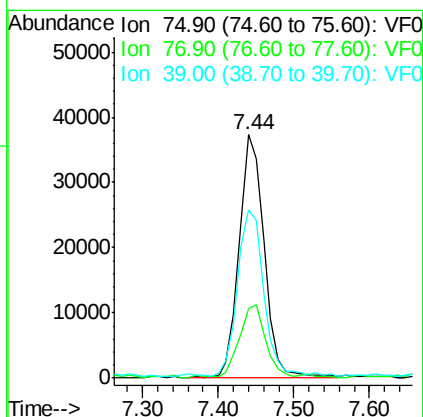
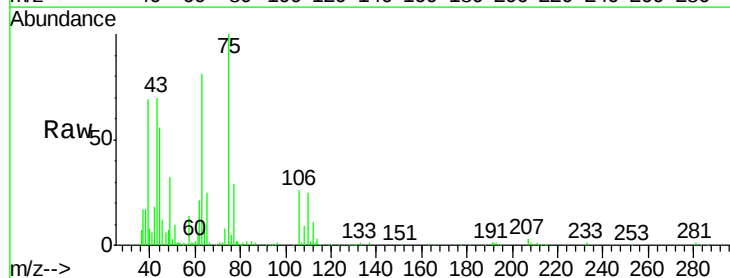
Tgt Ion: 75 Resp: 85771

Ion Ratio Lower Upper

75 100

77 28.4 24.0 36.0

39 68.5 58.7 88.1





#55

1,1,2-Trichloroethane

Concen: 22.798 ug/l

RT: 8.62 min Scan# 821

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

VF0507SBSD01

Tot Ion: 97 Resp: 39863

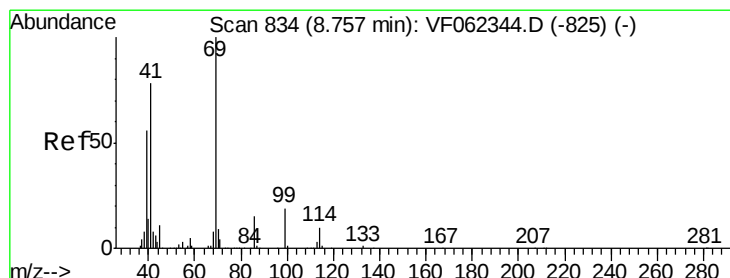
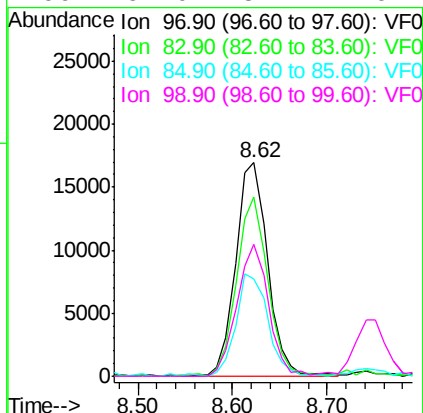
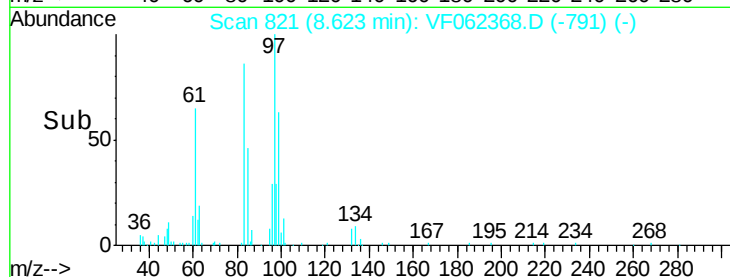
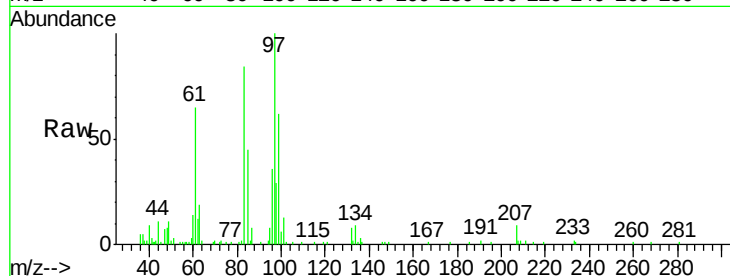
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 83.5  | 68.5  | 102.7 |
| 85  | 44.2  | 45.4  | 68.2  |
| 99  | 62.0  | 52.7  | 79.1  |

97 100

83 83.5 68.5 102.7

85 44.2 45.4 68.2

99 62.0 52.7 79.1



#56

Ethyl methacrylate

Concen: 22.559 ug/l

RT: 8.74 min Scan# 833

Delta R.T. -0.02 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

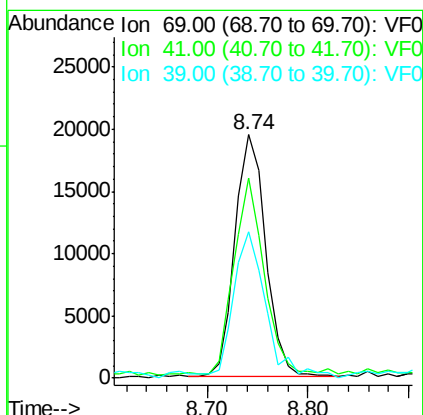
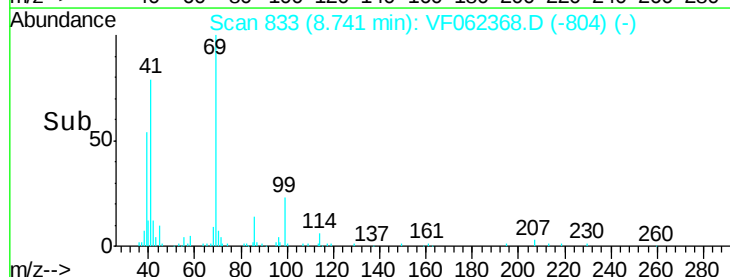
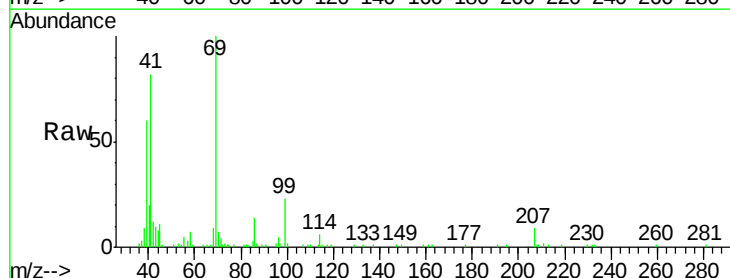
Tgt Ion: 69 Resp: 41639

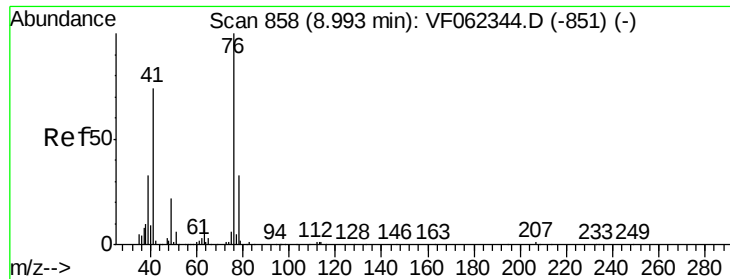
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 80.1  | 66.3  | 99.5  |
| 39  | 63.5  | 50.1  | 75.1  |

69 100

41 80.1 66.3 99.5

39 63.5 50.1 75.1





#57

1,3-Dichloropropane

Concen: 21.537 ug/l

RT: 8.98 min Scan# 857

Delta R.T. -0.02 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

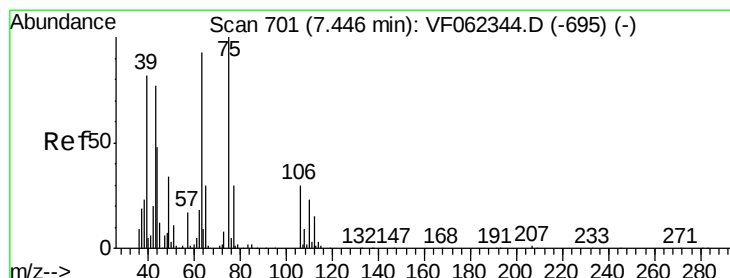
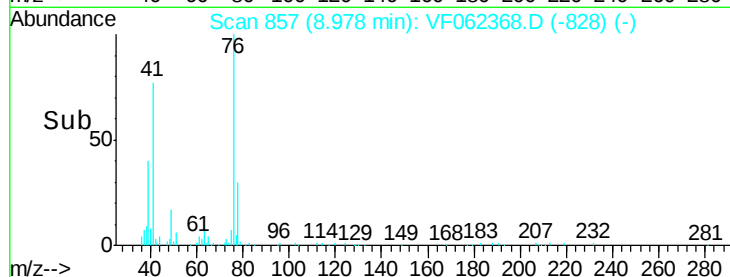
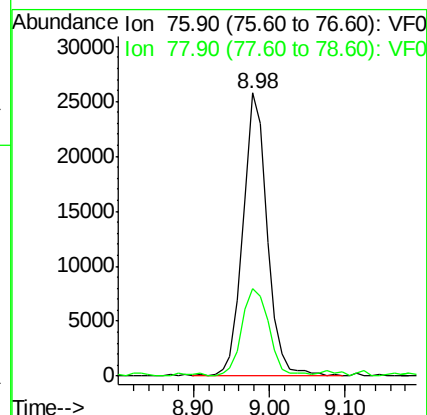
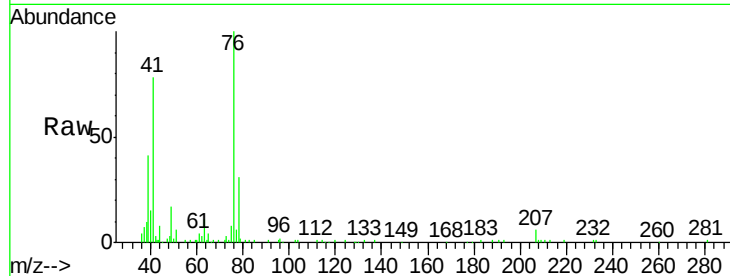
VF0507SBS01

Tot Ion: 76 Resp: 56882

Ion Ratio Lower Upper

76 100

78 34.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 133.590 ug/l

RT: 7.43 min Scan# 700

Delta R.T. -0.02 min

Lab File: VF062368.D

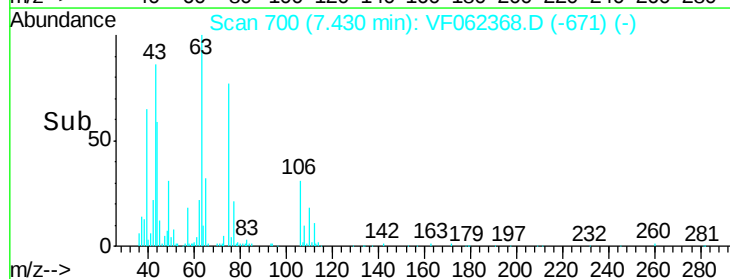
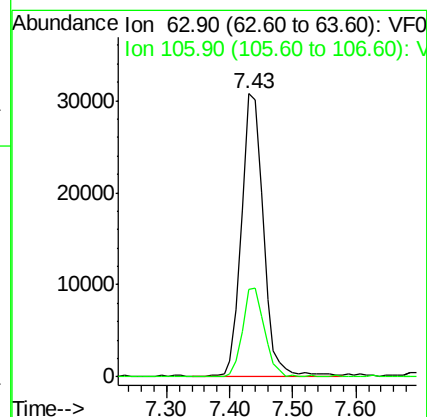
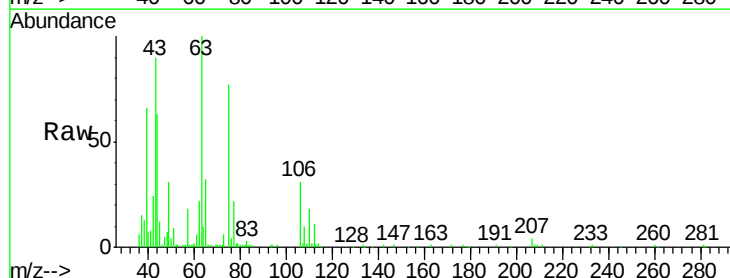
Acq: 7 May 2019 20:13

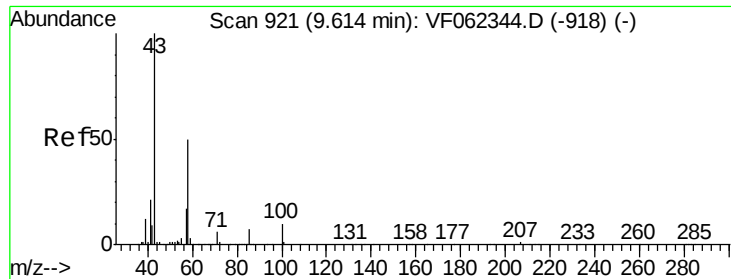
Tgt Ion: 63 Resp: 74131

Ion Ratio Lower Upper

63 100

106 30.9 25.8 38.8

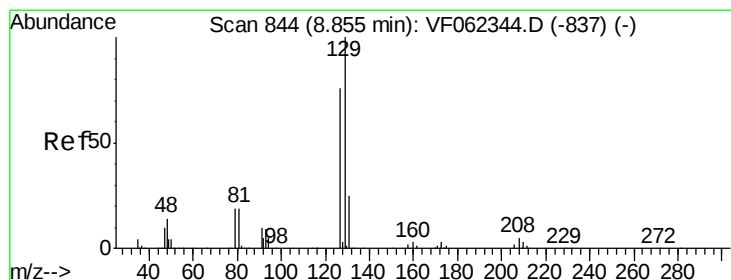
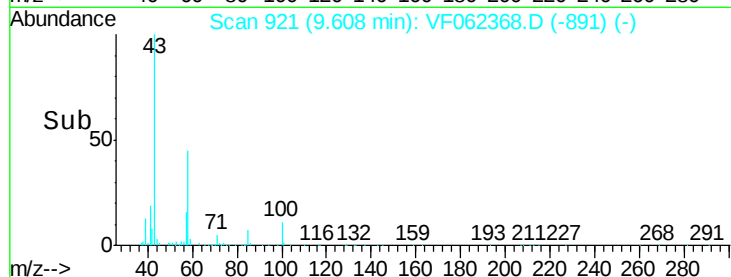
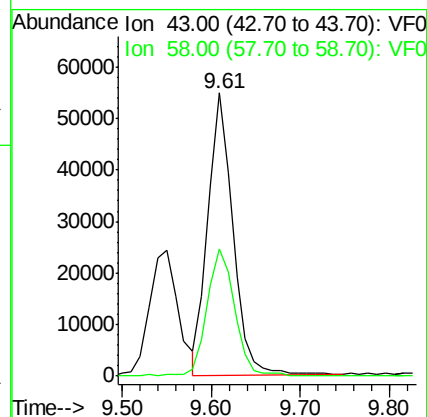
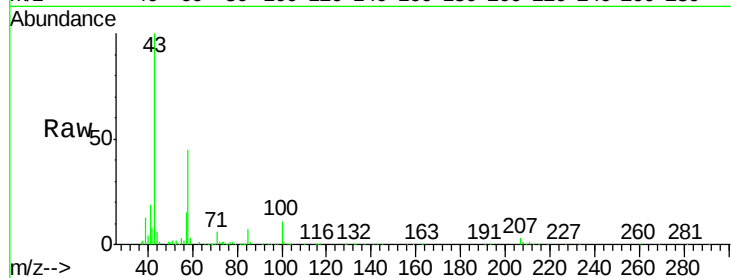




#59  
2-Hexanone  
Concen: 109.601 ug/l  
RT: 9.61 min Scan# 921  
Delta R.T. -0.01 min  
Lab File: VF062368.D  
Acq: 7 May 2019 20:13

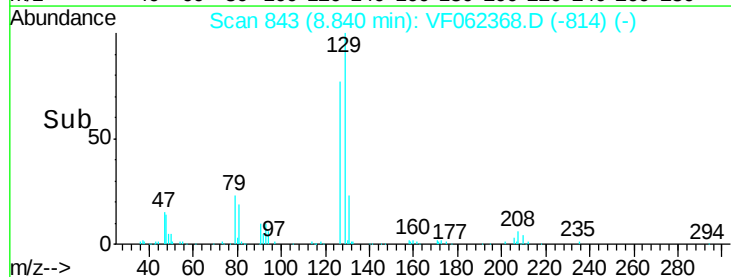
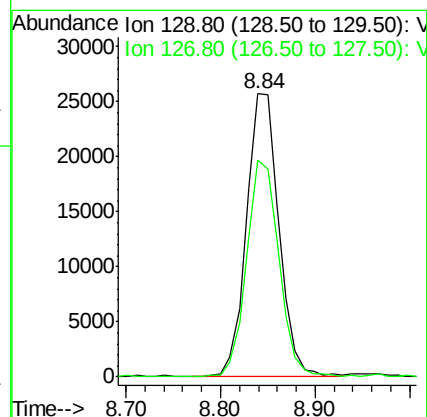
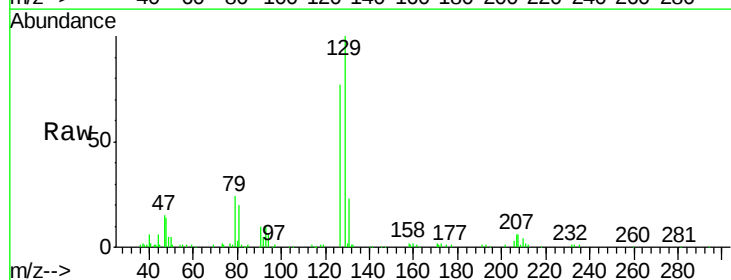
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0507SBSD01

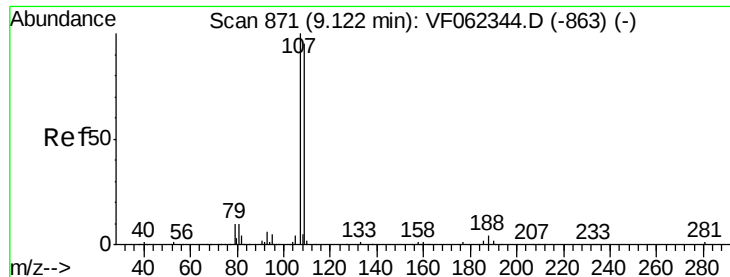
Tot Ion: 43 Resp: 105927  
Ion Ratio Lower Upper  
43 100  
58 50.6 24.3 73.0



#60  
Dibromochloromethane  
Concen: 21.442 ug/l  
RT: 8.84 min Scan# 843  
Delta R.T. -0.02 min  
Lab File: VF062368.D  
Acq: 7 May 2019 20:13

Tgt Ion: 129 Resp: 61319  
Ion Ratio Lower Upper  
129 100  
127 76.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 23.192 ug/l

RT: 9.12 min Scan# 871

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

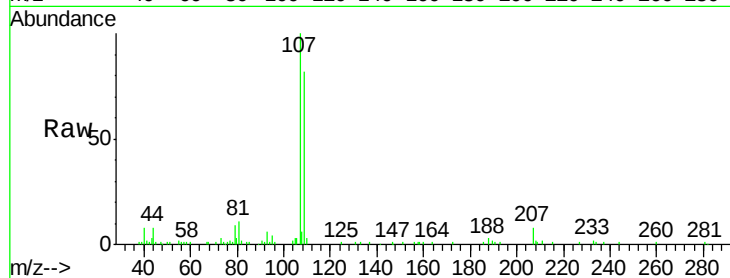
VF0507SBS01

Tot Ion:107 Resp: 47662

Ion Ratio Lower Upper

107 100

109 89.5 75.2 112.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.12

25000

20000

15000

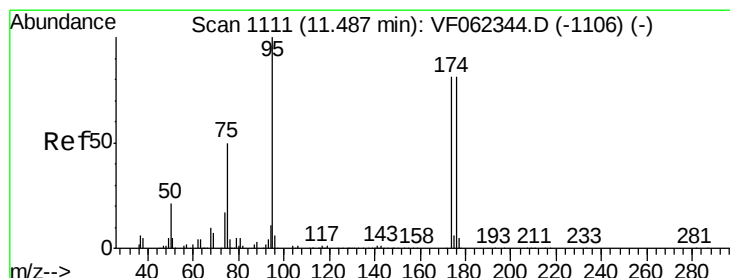
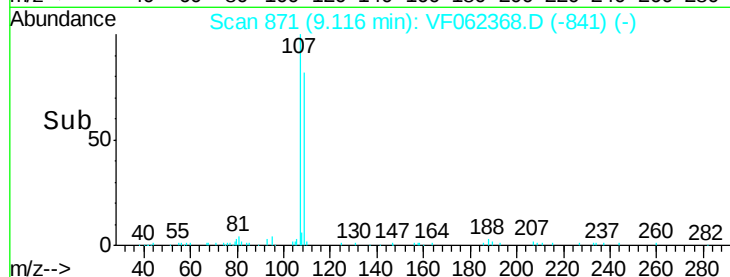
10000

5000

0

Time-->

9.00 9.10 9.20



#62

4-Bromofluorobenzene

Concen: 53.641 ug/l

RT: 11.48 min Scan# 1111

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

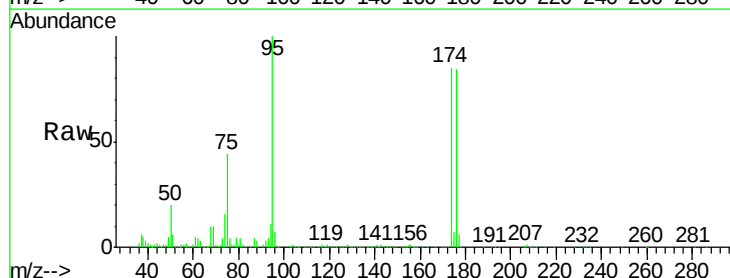
Tgt Ion: 95 Resp: 220285

Ion Ratio Lower Upper

95 100

174 95.3 0.0 191.8

176 94.1 0.0 193.2



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

11.48

150000

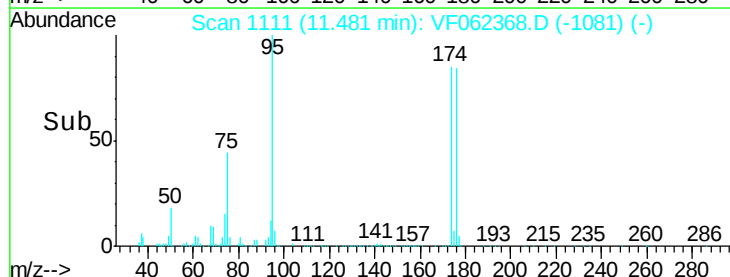
100000

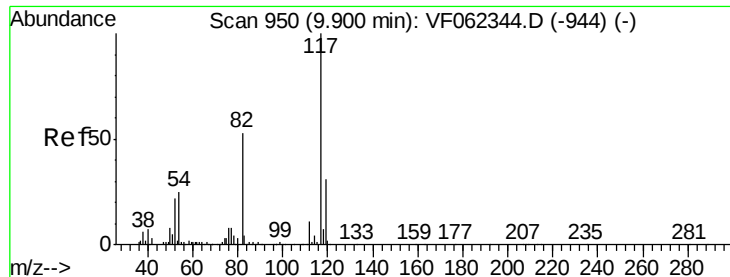
50000

0

Time-->

11.40 11.50

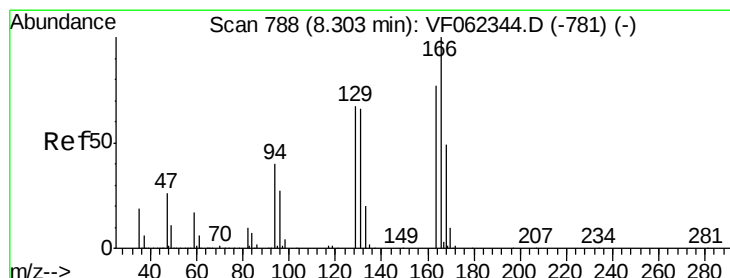
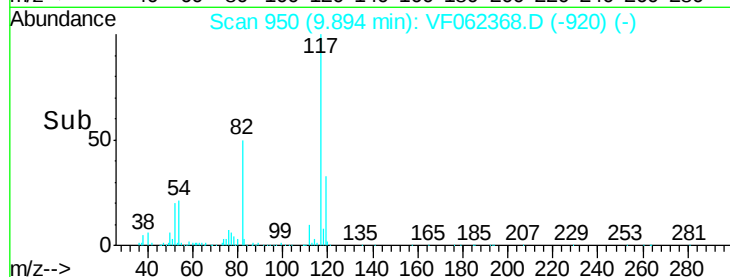
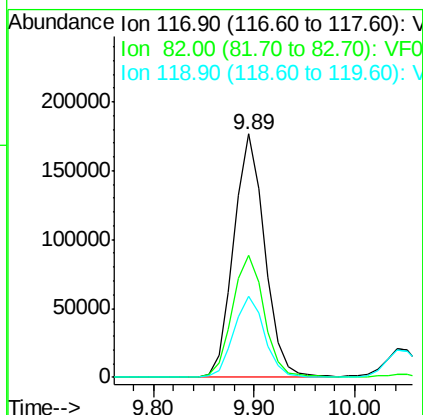
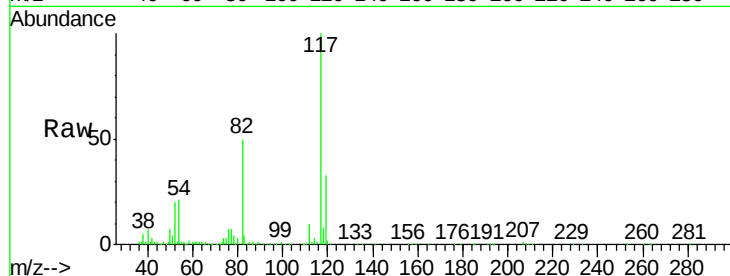




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.89 min Scan# 950  
Delta R.T. -0.01 min  
Lab File: VF062368.D  
Acq: 7 May 2019 20:13

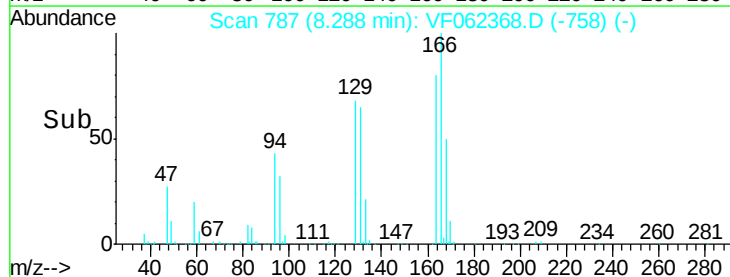
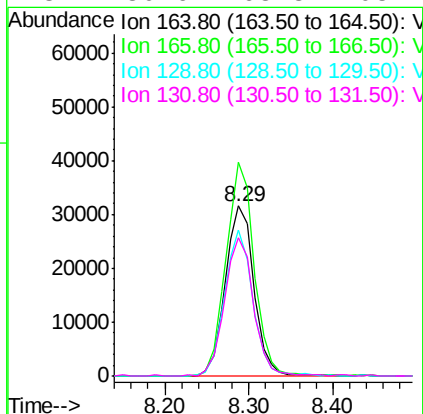
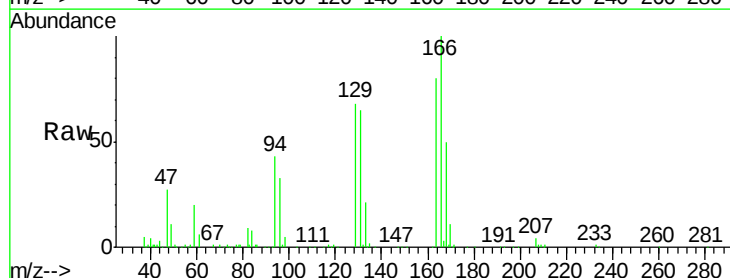
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0507SBSD01

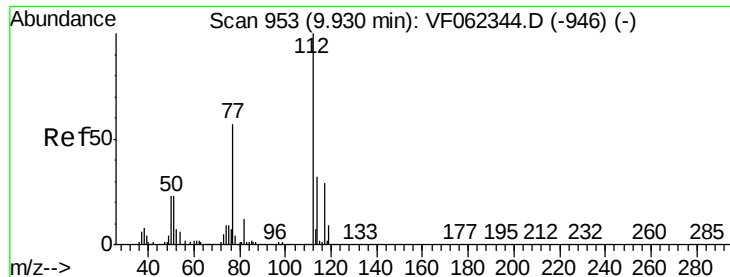
Tot Ion:117 Resp: 379282  
Ion Ratio Lower Upper  
117 100  
82 50.3 42.2 63.2  
119 33.4 25.0 37.4



#64  
Tetrachloroethene  
Concen: 24.227 ug/l  
RT: 8.29 min Scan# 787  
Delta R.T. -0.02 min  
Lab File: VF062368.D  
Acq: 7 May 2019 20:13

Tgt Ion:164 Resp: 74598  
Ion Ratio Lower Upper  
164 100  
166 125.7 104.2 156.4  
129 85.8 69.6 104.4  
131 80.6 68.8 103.2

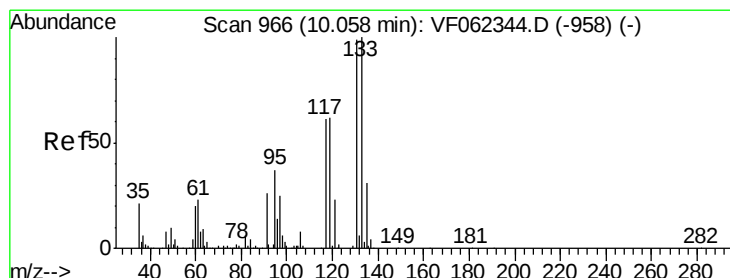
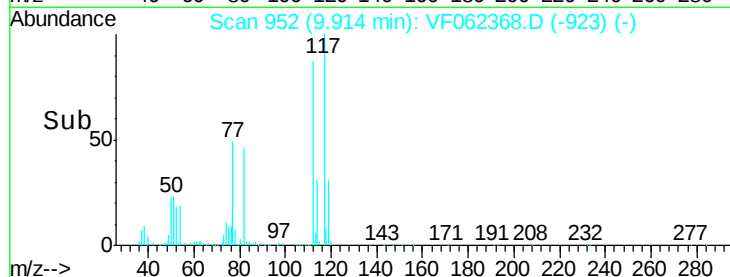
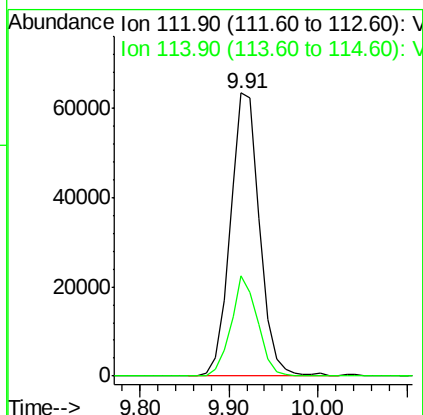
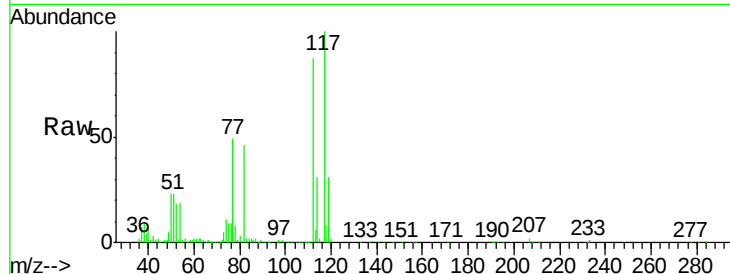




#65  
Chlorobenzene  
Concen: 23.253 ug/l  
RT: 9.91 min Scan# 952  
Delta R.T. -0.02 min  
Lab File: VF062368.D  
Acq: 7 May 2019 20:13

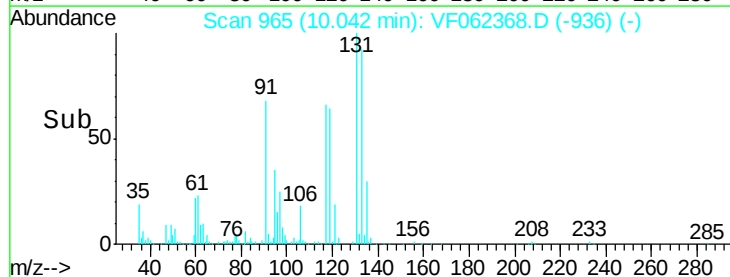
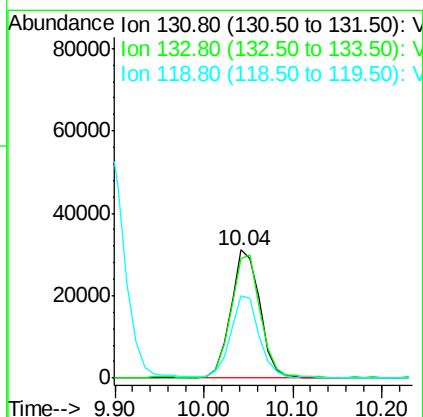
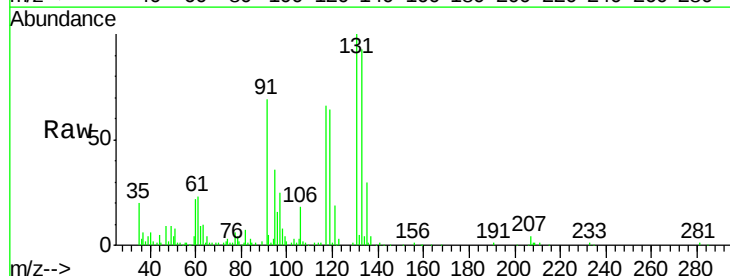
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0507SBSD01

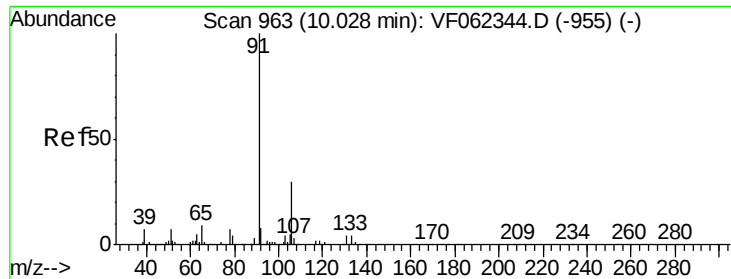
Tot Ion:112 Resp: 145921  
Ion Ratio Lower Upper  
112 100  
114 35.4 25.4 38.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 22.553 ug/l  
RT: 10.04 min Scan# 965  
Delta R.T. -0.02 min  
Lab File: VF062368.D  
Acq: 7 May 2019 20:13

Tgt Ion:131 Resp: 71398  
Ion Ratio Lower Upper  
131 100  
133 97.0 50.2 150.7  
119 64.4 31.6 95.0





#67

Ethyl Benzene

Concen: 23.098 ug/l

RT: 10.01 min Scan# 962

Delta R.T. -0.02 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

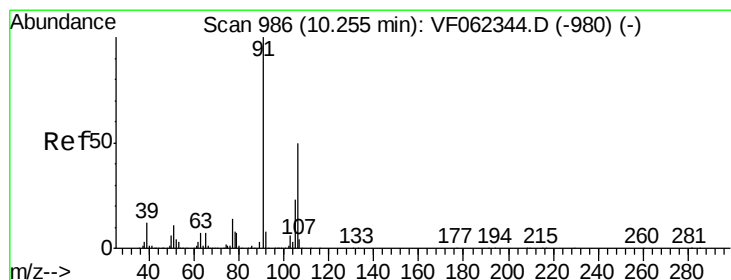
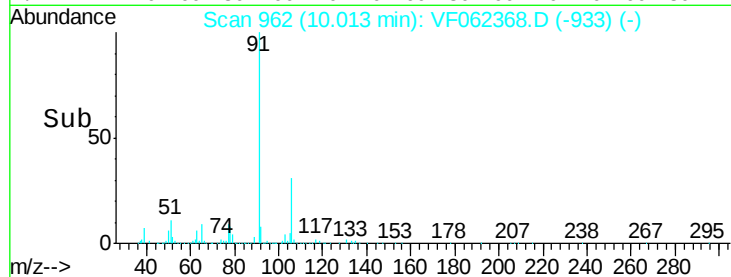
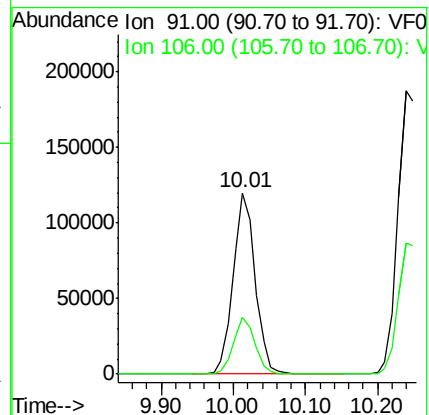
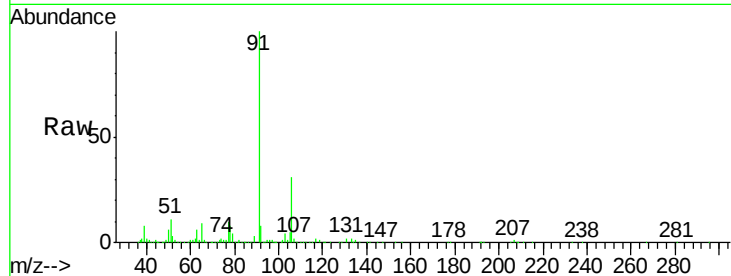
VF0507SBSD01

Tot Ion: 91 Resp: 253819

Ion Ratio Lower Upper

91 100

106 31.0 24.1 36.1



#68

m/p-Xylenes

Concen: 46.638 ug/l

RT: 10.24 min Scan# 985

Delta R.T. -0.02 min

Lab File: VF062368.D

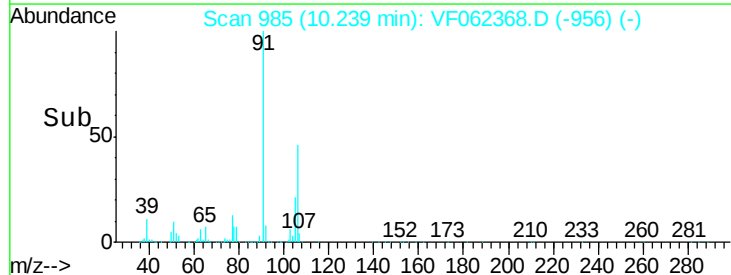
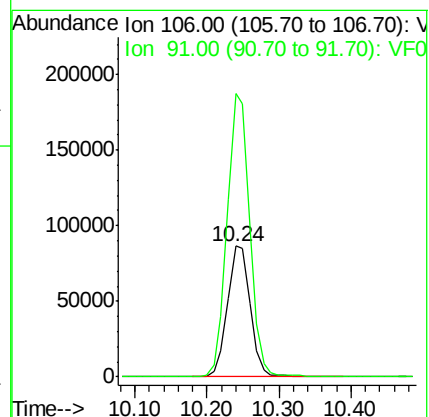
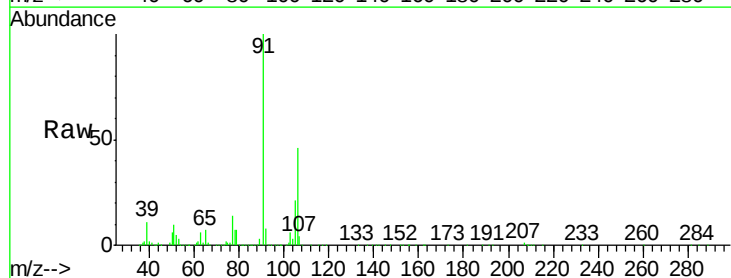
Acq: 7 May 2019 20:13

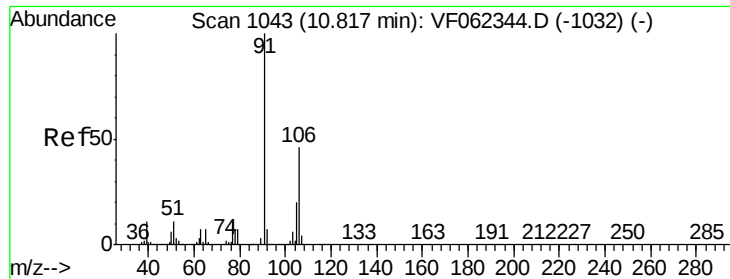
Tgt Ion: 106 Resp: 189092

Ion Ratio Lower Upper

106 100

91 213.2 167.4 251.2

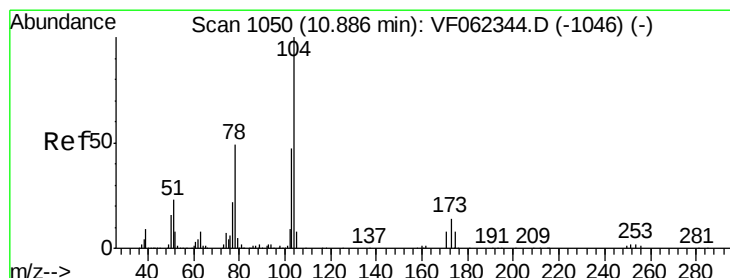
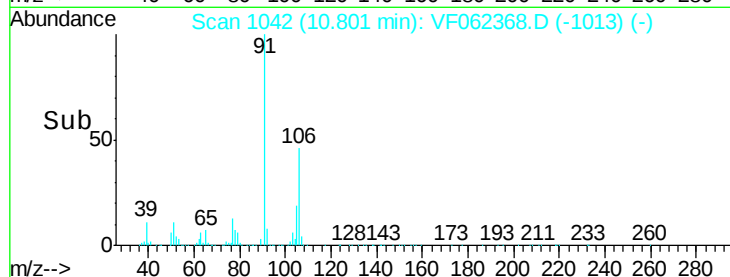
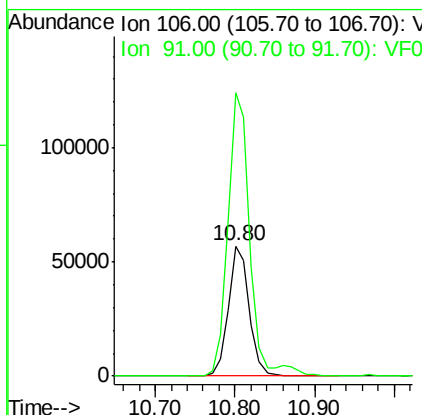
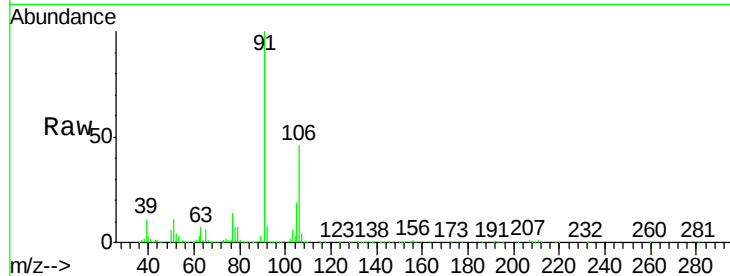




#69  
o-Xylene  
Concen: 24.026 ug/l  
RT: 10.80 min Scan# 1042  
Delta R.T. -0.02 min  
Lab File: VF062368.D  
Acq: 7 May 2019 20:13

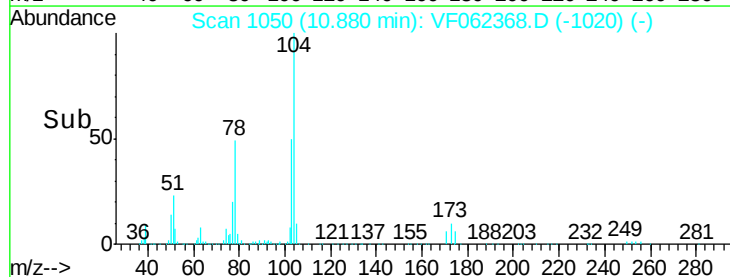
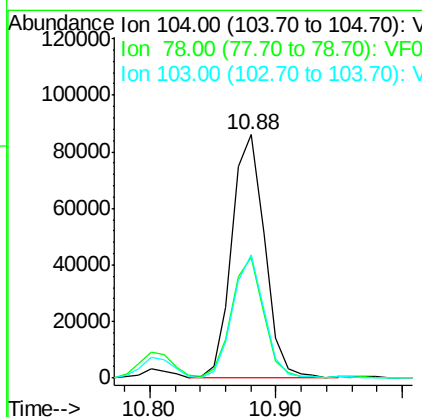
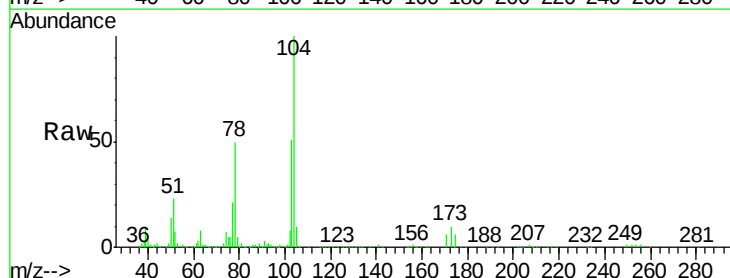
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0507SBS01

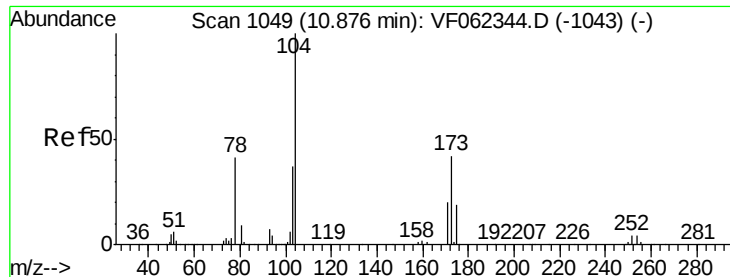
Tot Ion:106 Resp: 105262  
Ion Ratio Lower Upper  
106 100  
91 219.5 111.3 333.8



#70  
Styrene  
Concen: 23.352 ug/l  
RT: 10.88 min Scan# 1050  
Delta R.T. -0.01 min  
Lab File: VF062368.D  
Acq: 7 May 2019 20:13

Tgt Ion:104 Resp: 153330  
Ion Ratio Lower Upper  
104 100  
78 48.4 39.5 59.3  
103 49.2 38.4 57.6





#71

Bromoform

Concen: 22.101 ug/l

RT: 10.87 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

VF0507SBS01

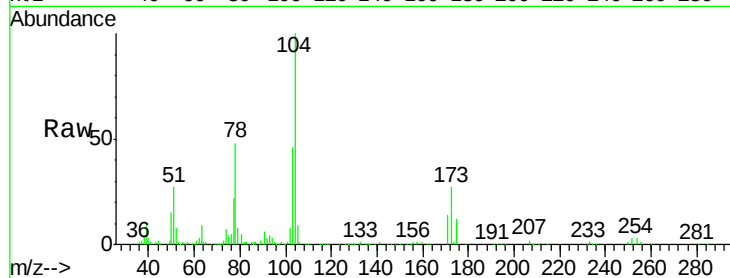
Tot Ion:173 Resp: 38332

Ion Ratio Lower Upper

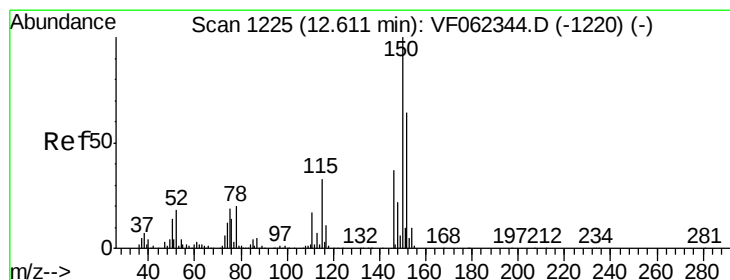
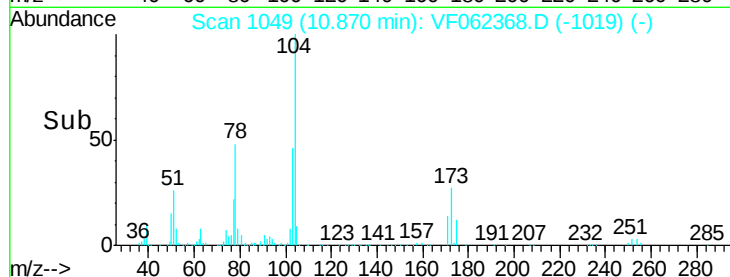
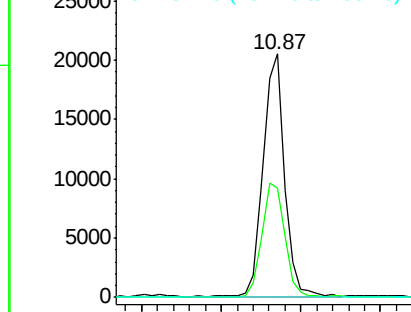
173 100

175 49.8 23.8 71.2

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: 12.61 min Scan# 1225

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

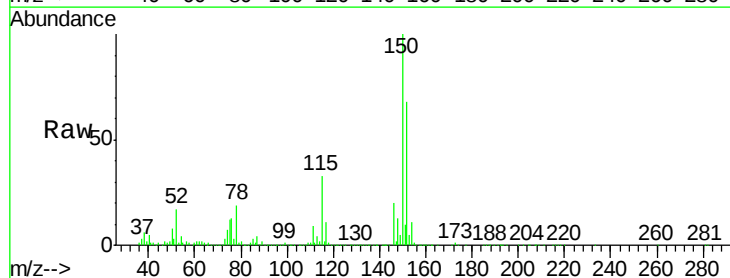
Tgt Ion:152 Resp: 229522

Ion Ratio Lower Upper

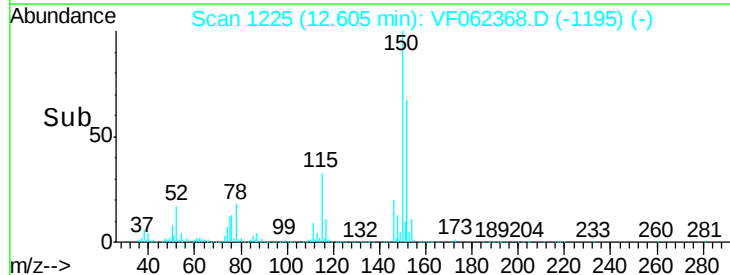
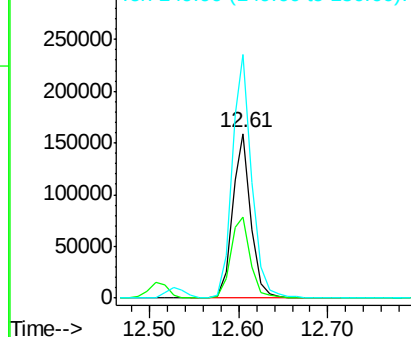
152 100

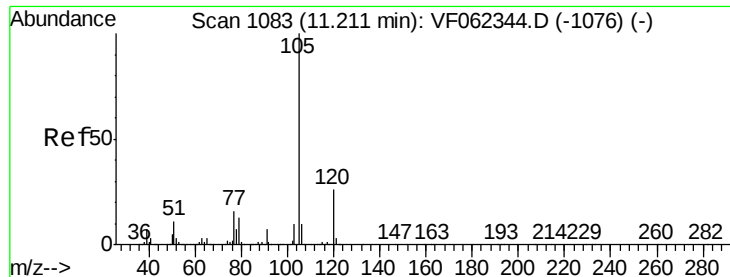
115 53.0 26.4 79.2

150 157.8 0.0 335.0



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: 22.719 ug/l

RT: 11.21 min Scan# 1083

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

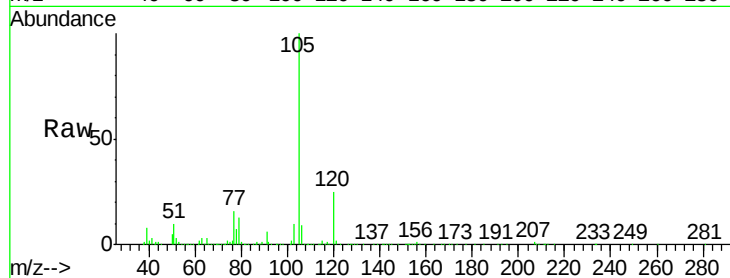
VF0507SBS01

Tot Ion:105 Resp: 309141

Ion Ratio Lower Upper

105 100

120 24.9 12.7 38.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

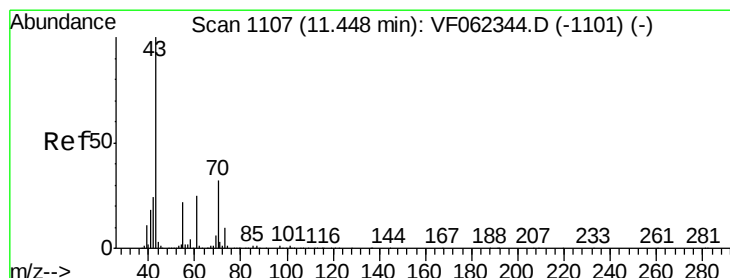
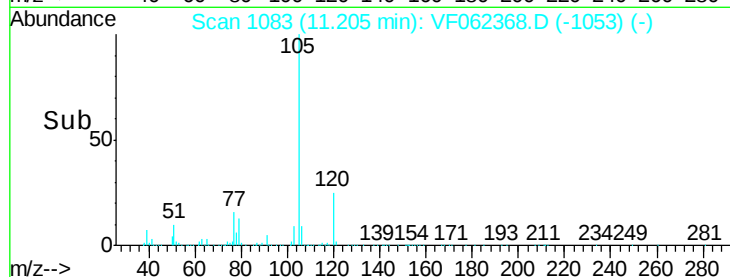
50000

0

11.21

11.10 11.20 11.30

Time-->



#74

N-ethyl acetate

Concen: 23.326 ug/l

RT: 11.44 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Tgt Ion: 43 Resp: 68142

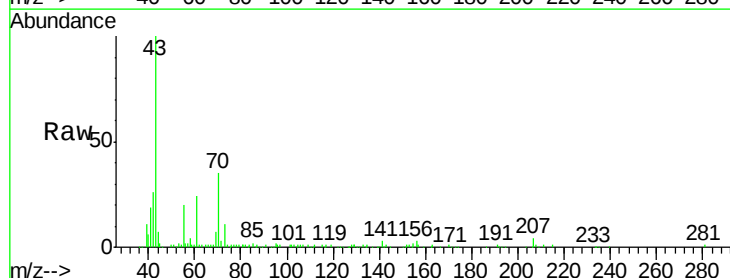
Ion Ratio Lower Upper

43 100

70 35.6 26.5 39.7

55 22.7 17.8 26.6

61 23.1 20.2 30.2



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

60000

50000

40000

30000

20000

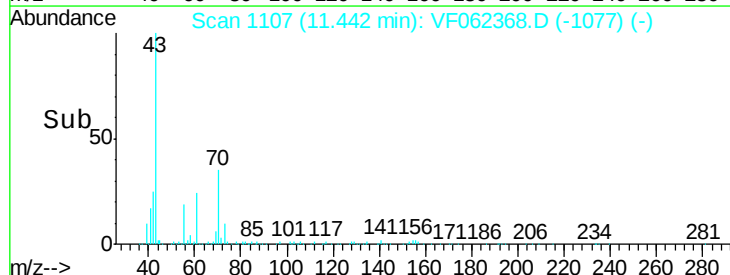
10000

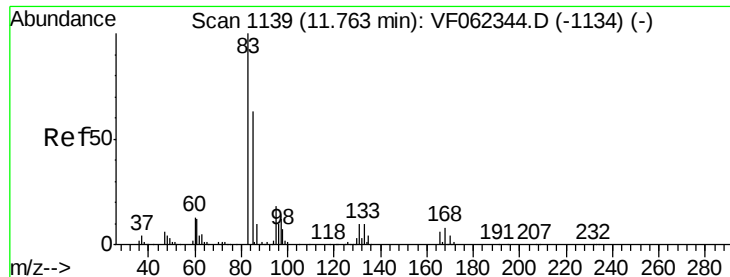
0

11.44

11.40 11.50

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 22.783 ug/l

RT: 11.76 min Scan# 1139

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

VF0507SBS01

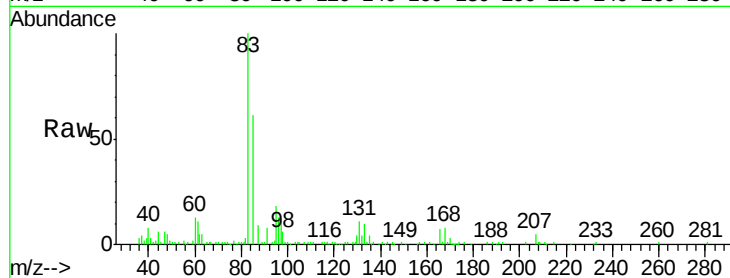
Tot Ion: 83 Resp: 48539

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 83  | 100   |       |       |
| 131 | 15.1  | 5.8   | 17.4  |
| 85  | 72.7  | 35.3  | 105.7 |

83 100

131 15.1 5.8 17.4

85 72.7 35.3 105.7



Abundance Ion 82.90 (82.60 to 83.60): VF0

Ion 130.80 (130.50 to 131.50): VF0

Ion 84.90 (84.60 to 85.60): VF0

11.76

30000

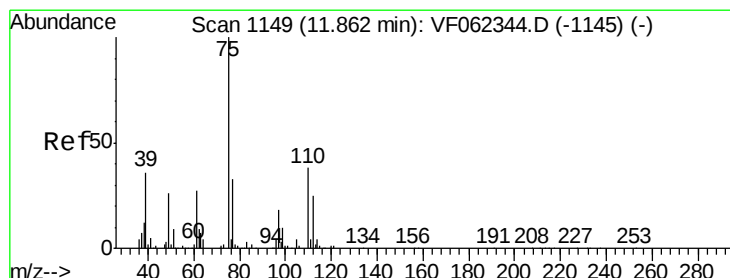
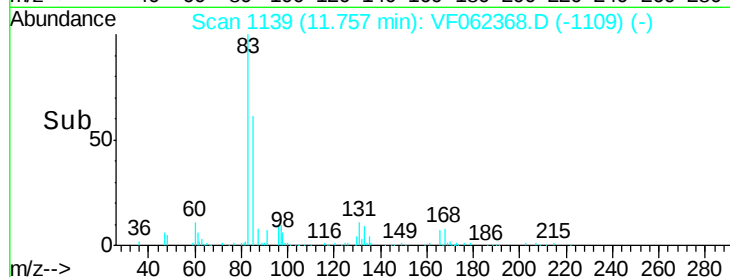
20000

10000

0

11.70 11.75 11.80 11.85

Time-->



#76

1,2,3-Trichloropropane

Concen: 21.709 ug/l

RT: 11.86 min Scan# 1149

Delta R.T. -0.01 min

Lab File: VF062368.D

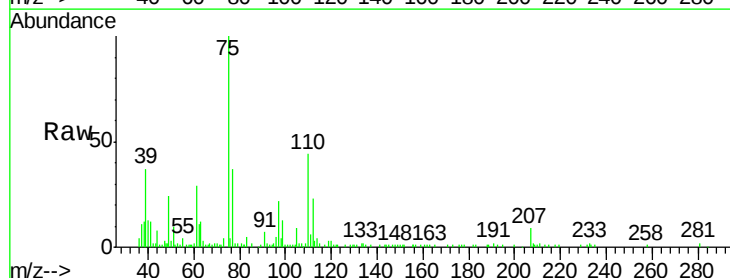
Acq: 7 May 2019 20:13

Tgt Ion: 75 Resp: 35287

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 77  | 0.0   | 0.0   | 0.0   |

75 100

77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VF0

Ion 77.00 (76.70 to 77.70): VF0

30000

25000

20000

15000

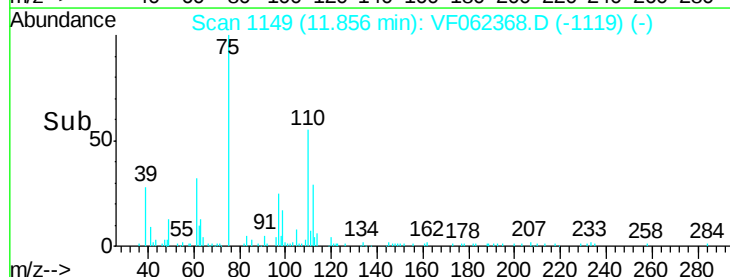
10000

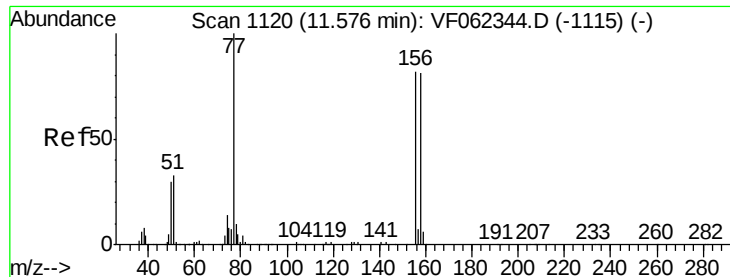
5000

0

11.80 11.85 11.90

Time-->





#77

Bromobenzene

Concen: 23.760 ug/l

RT: 11.57 min Scan# 1120

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

VF0507SBS01

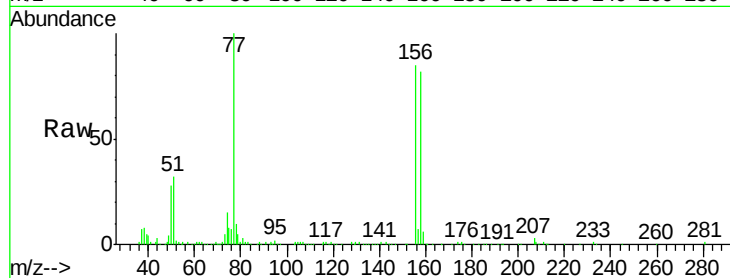
Tot Ion:156 Resp: 84851

Ion Ratio Lower Upper

156 100

77 119.6 64.8 194.3

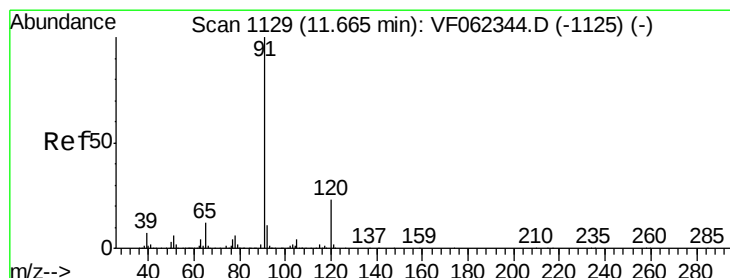
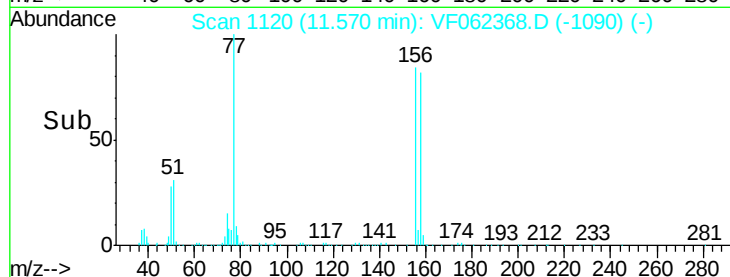
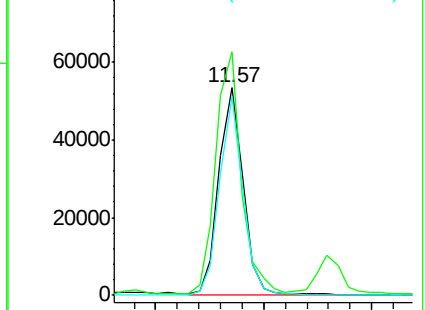
158 92.5 49.1 147.3



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: 22.674 ug/l

RT: 11.66 min Scan# 1129

Delta R.T. -0.01 min

Lab File: VF062368.D

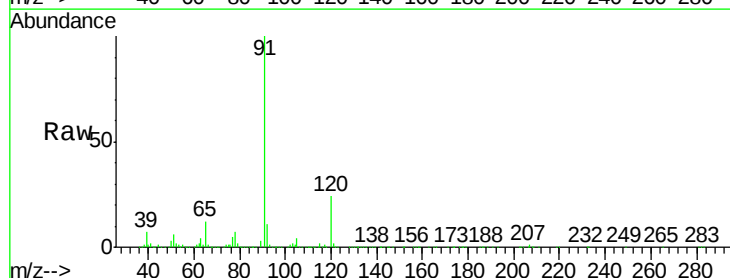
Acq: 7 May 2019 20:13

Tgt Ion: 91 Resp: 328464

Ion Ratio Lower Upper

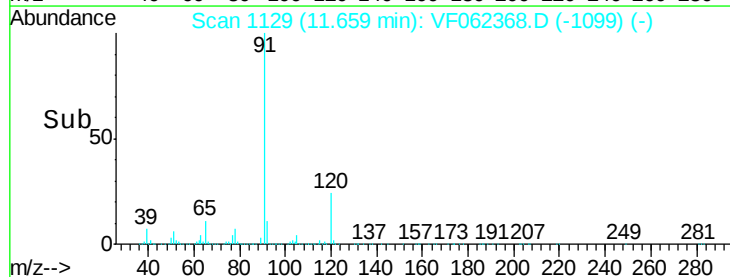
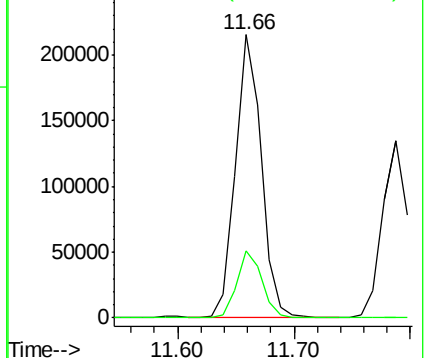
91 100

120 23.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 22.799 ug/l

RT: 11.79 min Scan# 1142

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

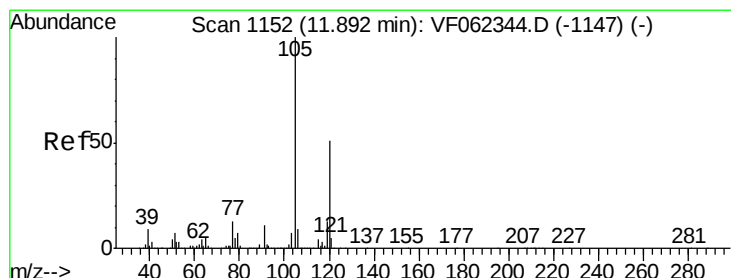
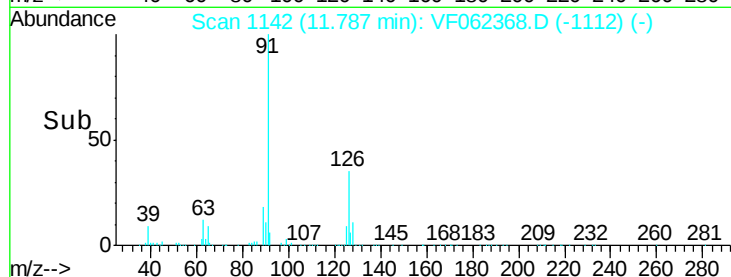
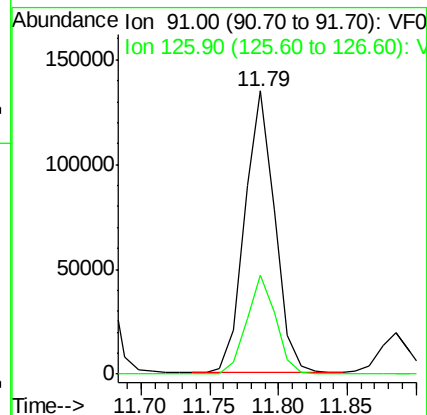
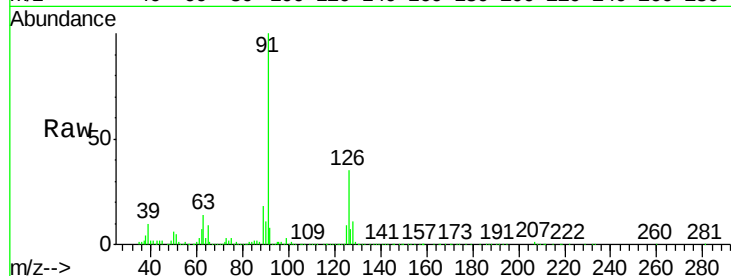
VF0507SBSD01

Tot Ion: 91 Resp: 205378

Ion Ratio Lower Upper

91 100

126 34.1 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 23.393 ug/l

RT: 11.89 min Scan# 1152

Delta R.T. -0.01 min

Lab File: VF062368.D

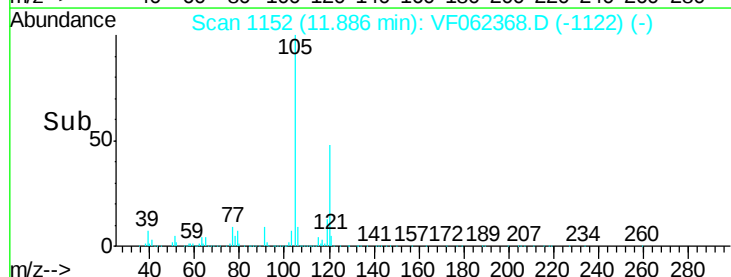
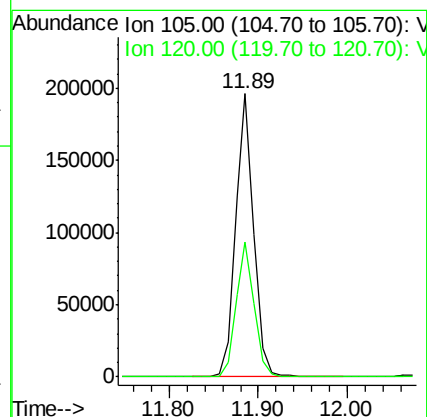
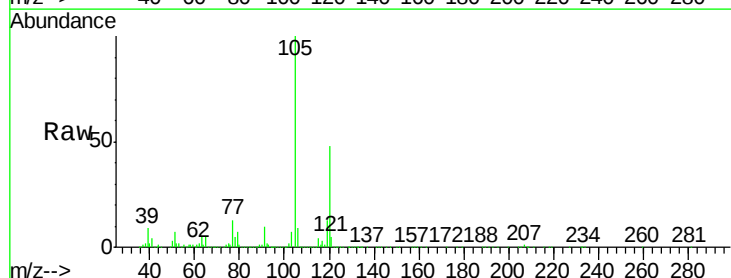
Acq: 7 May 2019 20:13

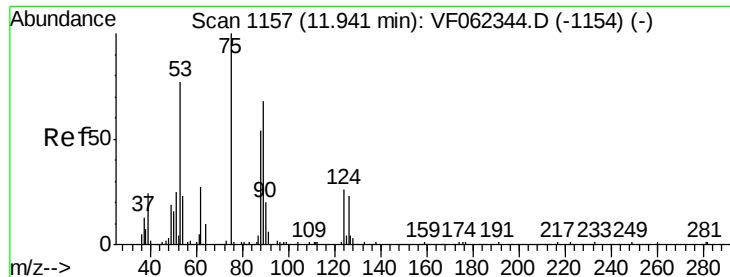
Tgt Ion:105 Resp: 278993

Ion Ratio Lower Upper

105 100

120 48.9 24.6 74.0





#81

trans-1,4-Dichloro-2-butene

Concen: 33.088 ug/l

RT: 11.92 min Scan# 1156

Delta R.T. -0.02 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

VF0507SBS01

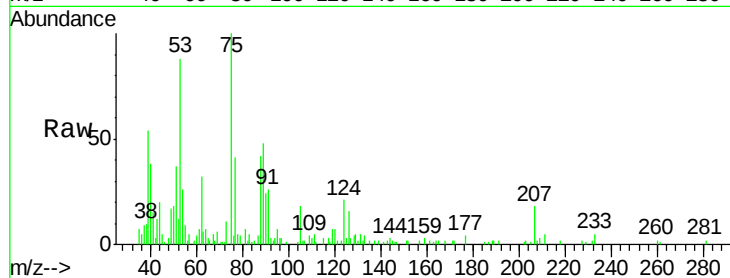
Tot Ion: 75 Resp: 20216

Ion Ratio Lower Upper

75 100

53 57.0 71.9 107.9#

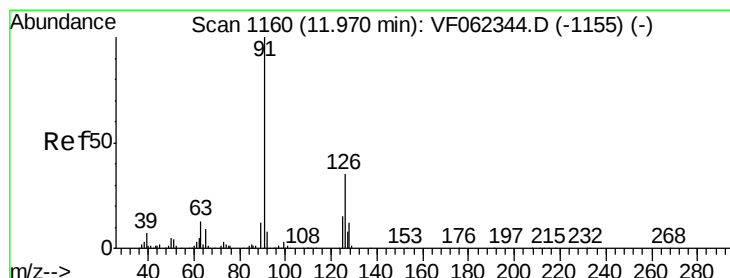
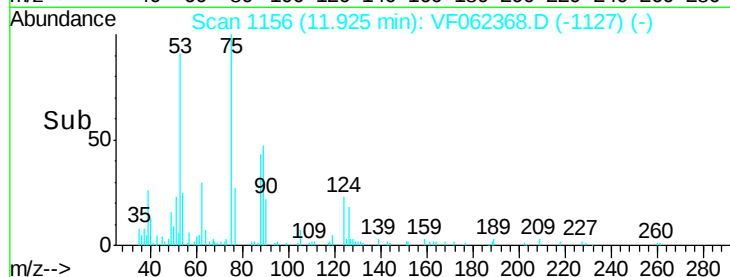
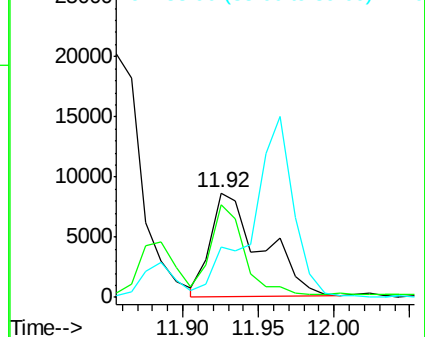
89 0.0 0.0 0.0



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: 23.140 ug/l

RT: 11.96 min Scan# 1160

Delta R.T. -0.01 min

Lab File: VF062368.D

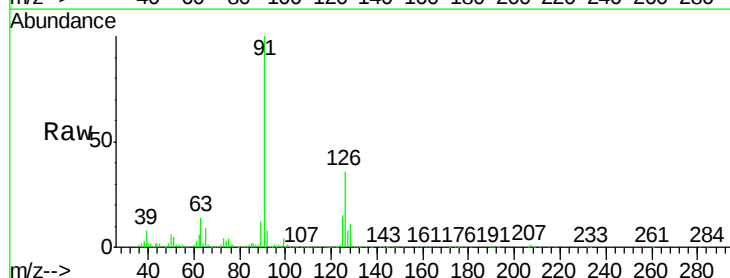
Acq: 7 May 2019 20:13

Tgt Ion: 91 Resp: 205874

Ion Ratio Lower Upper

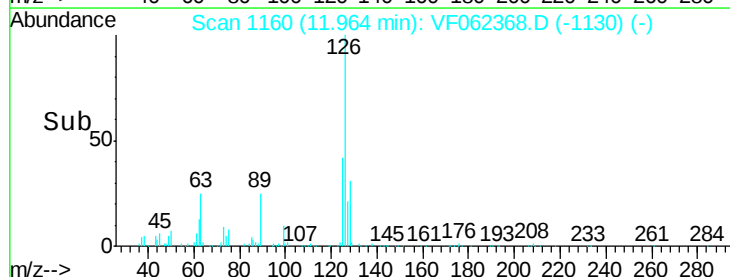
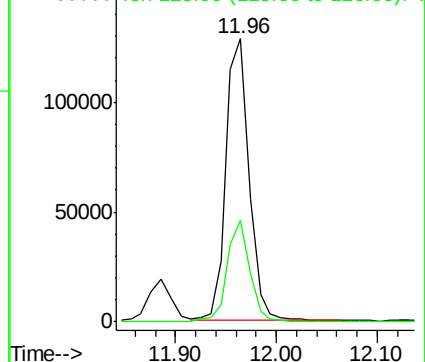
91 100

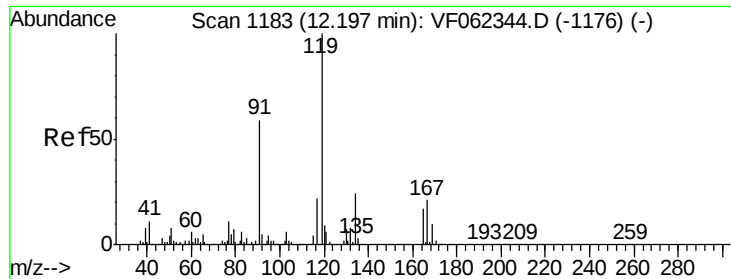
126 35.2 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 22.876 ug/l

RT: 12.19 min Scan# 1183

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

VF0507SBSD01

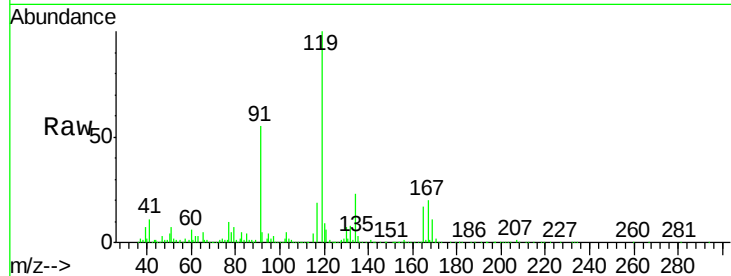
Tot Ion:119 Resp: 286729

Ion Ratio Lower Upper

119 100

91 60.8 30.4 91.3

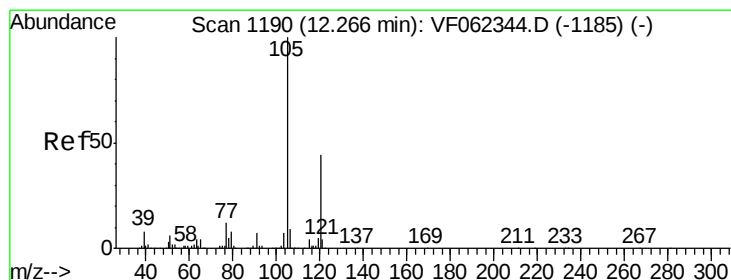
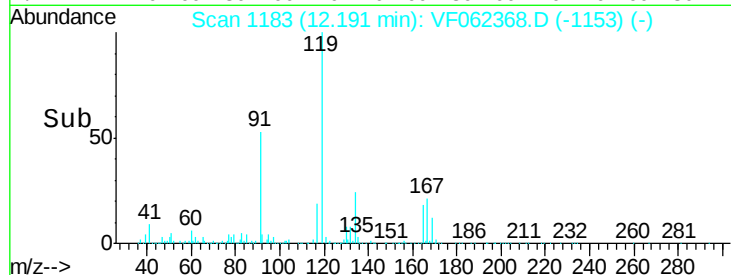
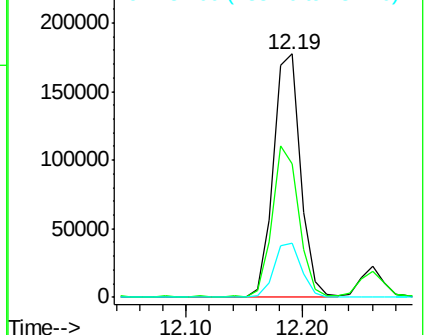
134 22.8 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VF0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 22.285 ug/l

RT: 12.26 min Scan# 1190

Delta R.T. -0.01 min

Lab File: VF062368.D

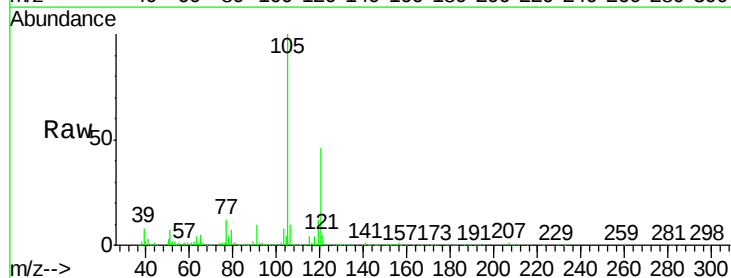
Acq: 7 May 2019 20:13

Tgt Ion:105 Resp: 260099

Ion Ratio Lower Upper

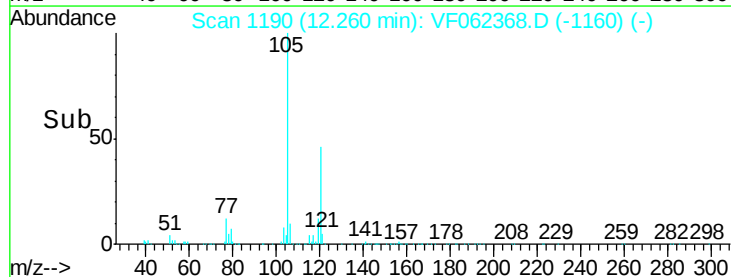
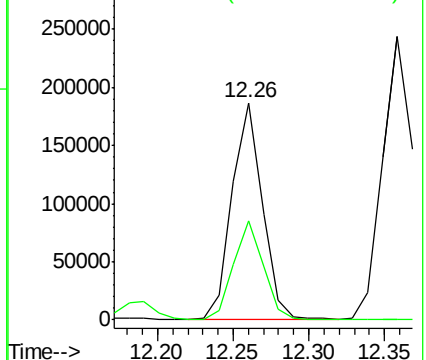
105 100

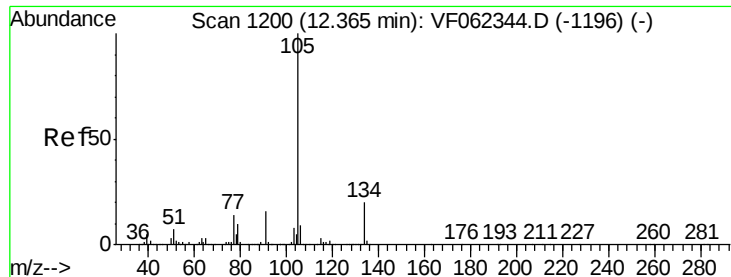
120 44.5 22.6 67.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 23.032 ug/l

RT: 12.36 min Scan# 1200

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

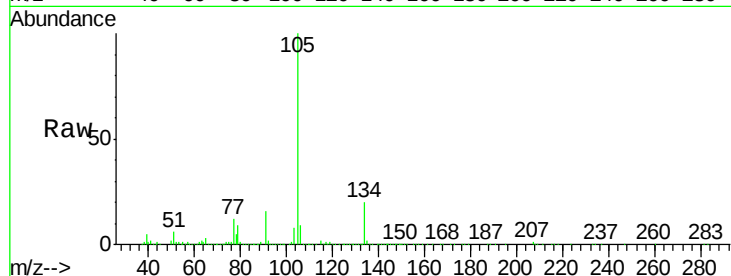
VF0507SBS01

Tot Ion:105 Resp: 351375

Ion Ratio Lower Upper

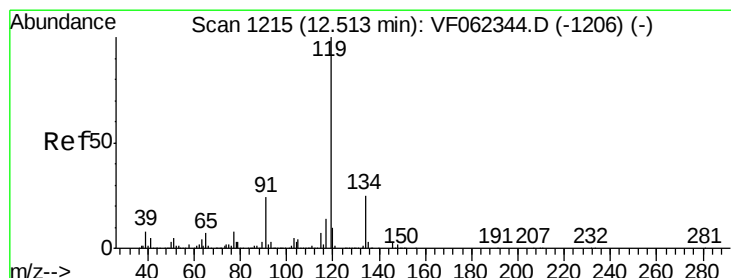
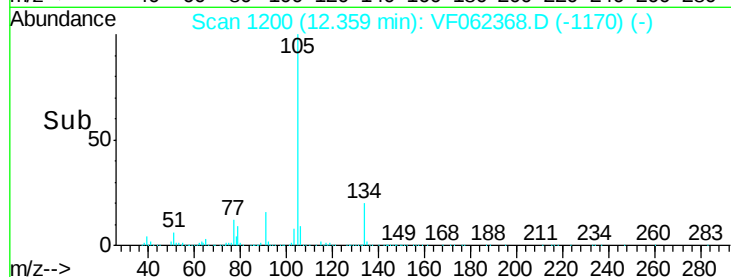
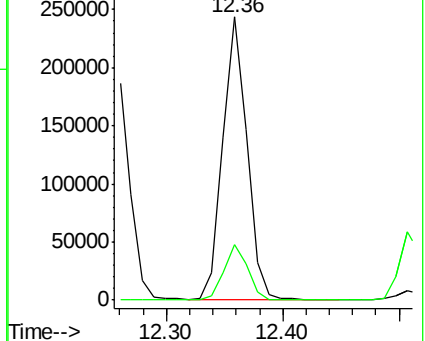
105 100

134 19.7 9.8 29.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 23.007 ug/l

RT: 12.51 min Scan# 1215

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

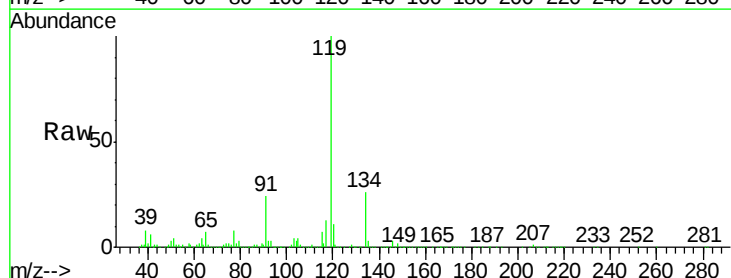
Tgt Ion:119 Resp: 326113

Ion Ratio Lower Upper

119 100

134 25.2 12.9 38.7

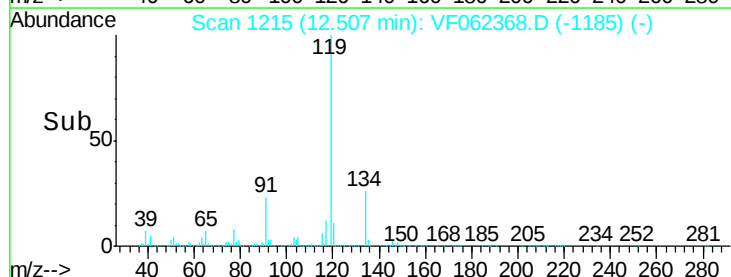
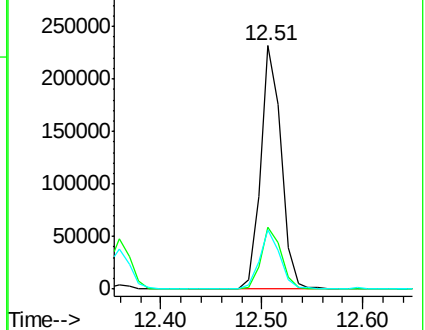
91 24.4 12.3 36.8

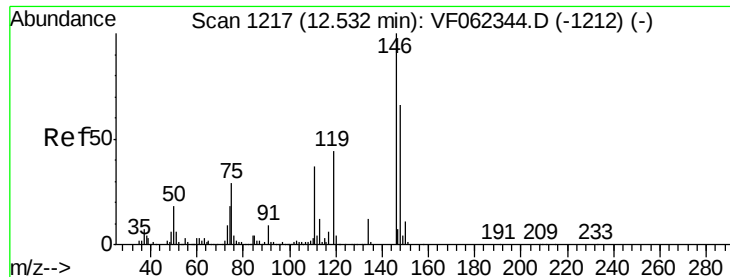


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

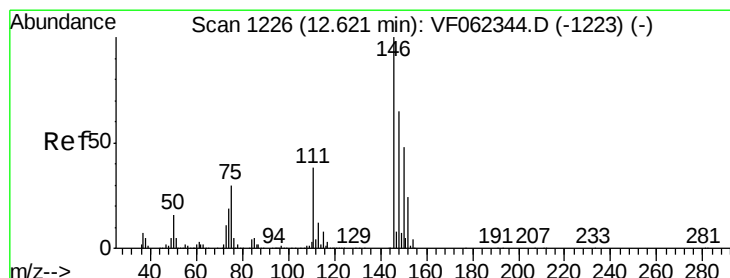
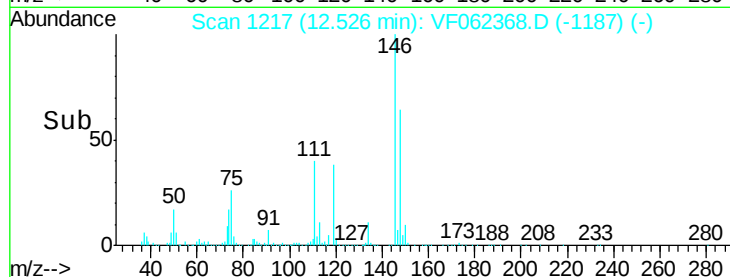
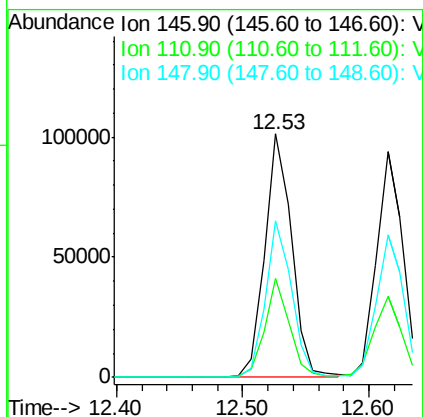
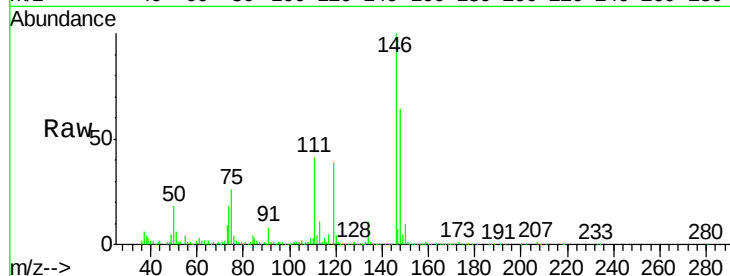




#87  
 1,3-Dichlorobenzene  
 Concen: 23.195 ug/l  
 RT: 12.53 min Scan# 1217  
 Delta R.T. -0.01 min  
 Lab File: VF062368.D  
 Acq: 7 May 2019 20:13

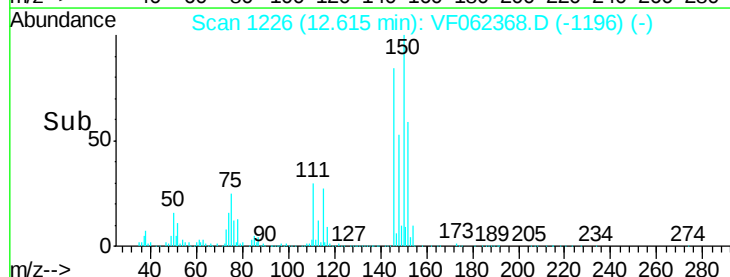
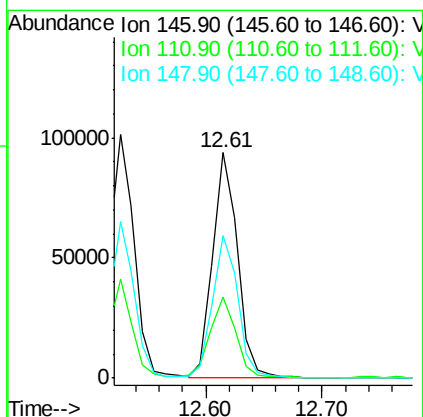
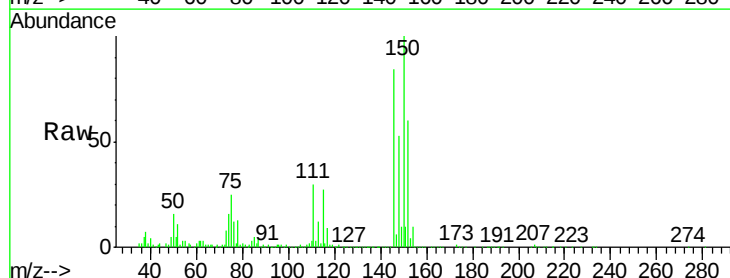
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0507SBSD01

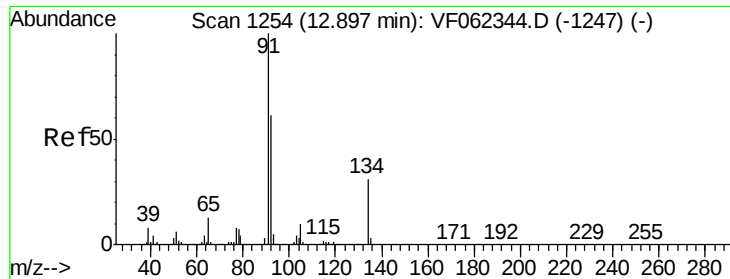
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.0  | 18.3  | 54.8  |
| 148     | 62.6  | 32.3  | 96.9  |



#88  
 1,4-Dichlorobenzene  
 Concen: 22.091 ug/l  
 RT: 12.61 min Scan# 1226  
 Delta R.T. -0.01 min  
 Lab File: VF062368.D  
 Acq: 7 May 2019 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 37.7  | 18.8  | 56.3  |
| 148     | 64.9  | 32.2  | 96.6  |





#89

n-Butylbenzene

Concen: 22.879 ug/l

RT: 12.89 min Scan# 1254

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

VF0507SBS01

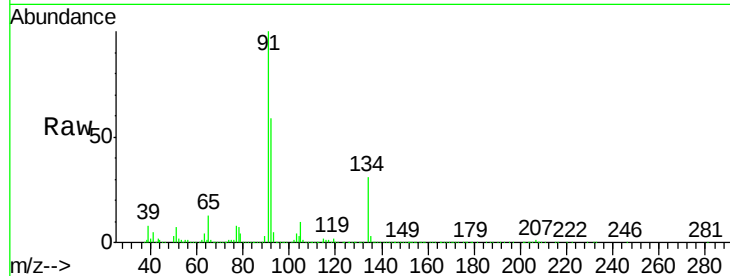
Tot Ion: 91 Resp: 288524

Ion Ratio Lower Upper

91 100

92 58.4 30.0 90.0

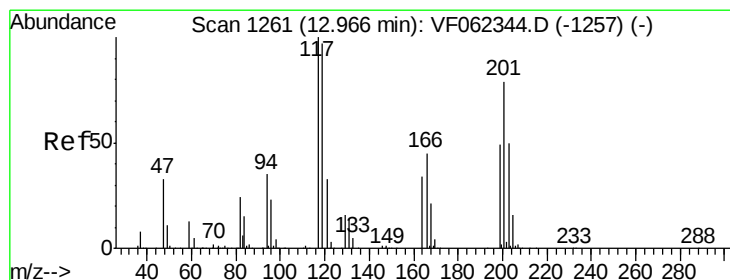
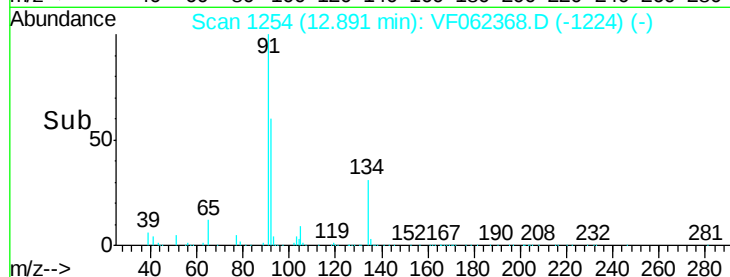
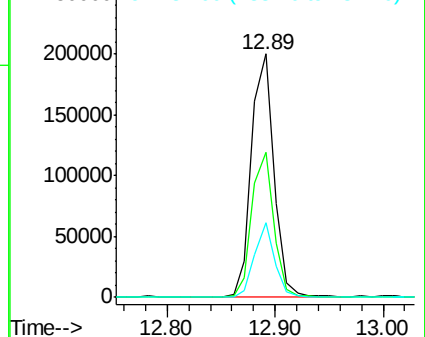
134 27.4 14.1 42.4



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: 17.887 ug/l

RT: 12.97 min Scan# 1262

Delta R.T. 0.00 min

Lab File: VF062368.D

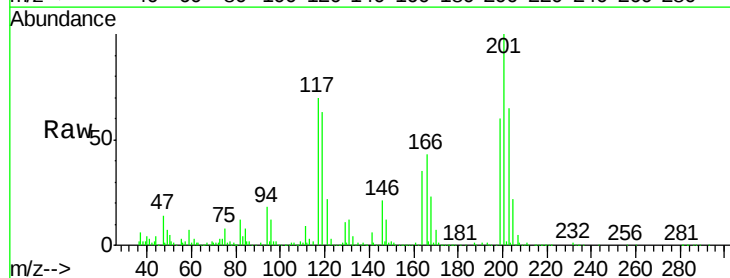
Acq: 7 May 2019 20:13

Tgt Ion: 117 Resp: 63305

Ion Ratio Lower Upper

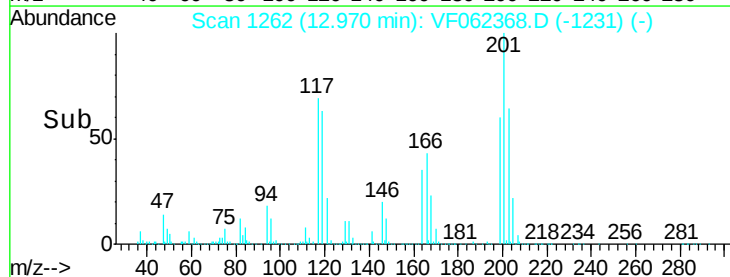
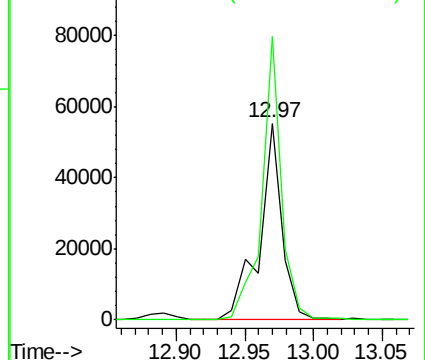
117 100

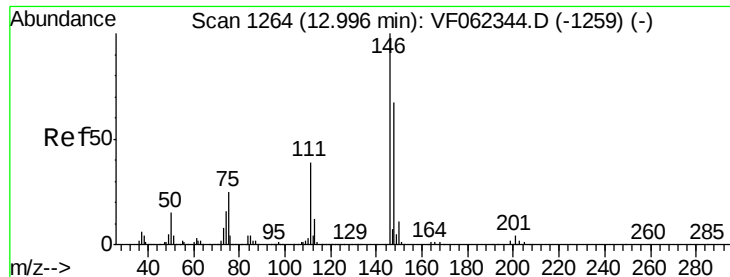
201 125.2 46.2 138.5



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

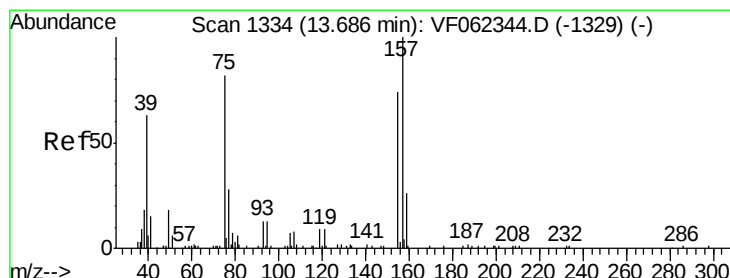
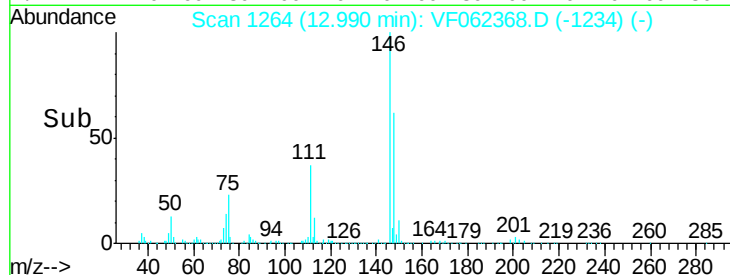
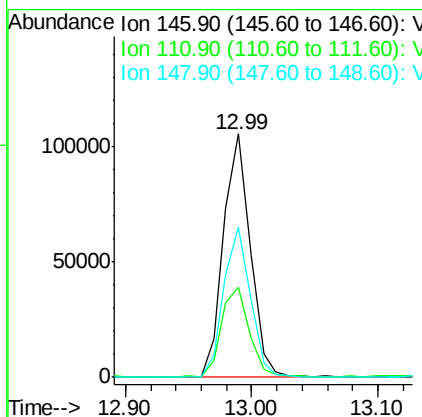
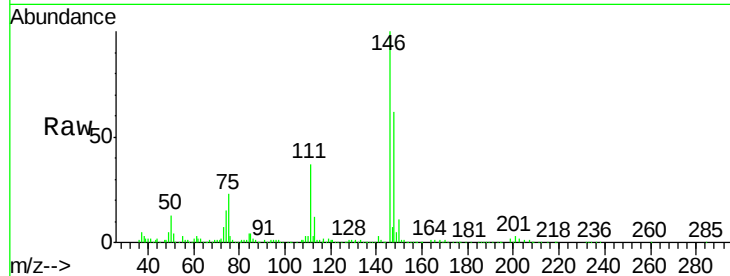




#91  
 1,2-Dichlorobenzene  
 Concen: 24.554 ug/l  
 RT: 12.99 min Scan# 1264  
 Delta R.T. -0.01 min  
 Lab File: VF062368.D  
 Acq: 7 May 2019 20:13

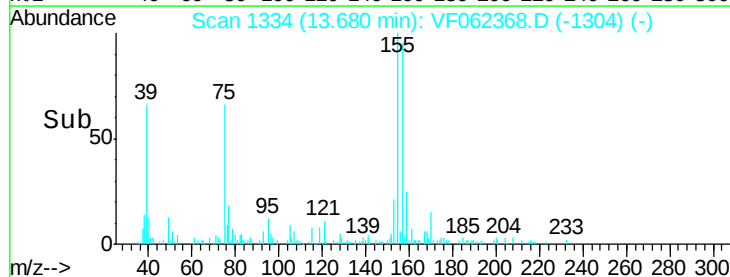
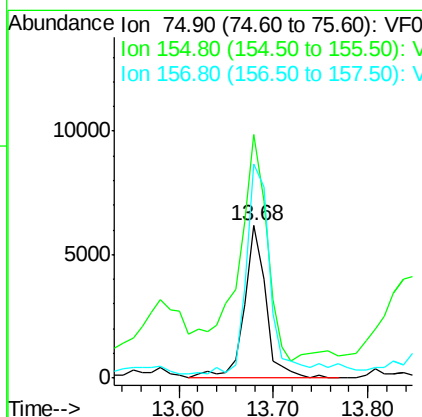
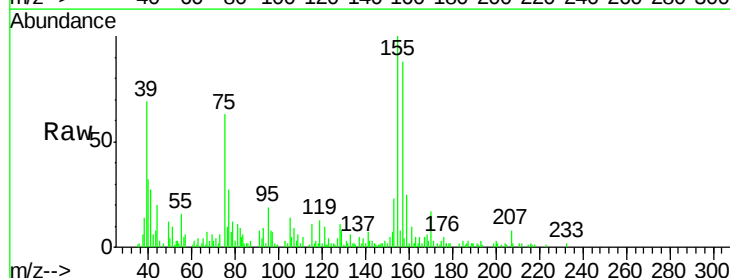
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0507SBSD01

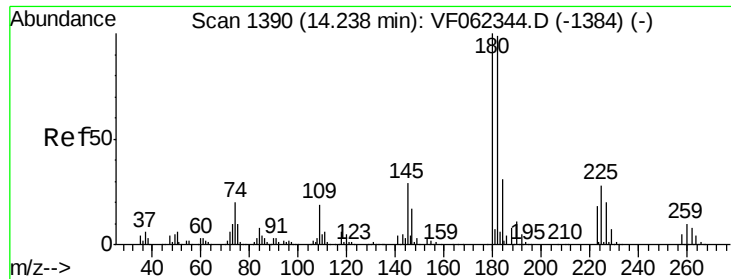
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.1  | 20.0  | 60.0  |
| 148     | 62.0  | 33.1  | 99.5  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 20.453 ug/l  
 RT: 13.68 min Scan# 1334  
 Delta R.T. -0.01 min  
 Lab File: VF062368.D  
 Acq: 7 May 2019 20:13

| Tgt Ion | Ratio | Lower | Upper  |
|---------|-------|-------|--------|
| 75      | 100   |       |        |
| 155     | 189.1 | 51.8  | 155.4# |
| 157     | 147.6 | 67.3  | 201.8  |

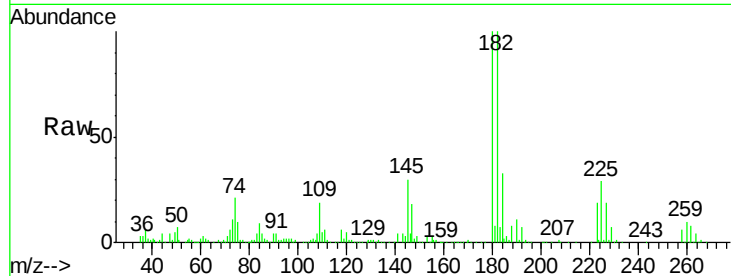




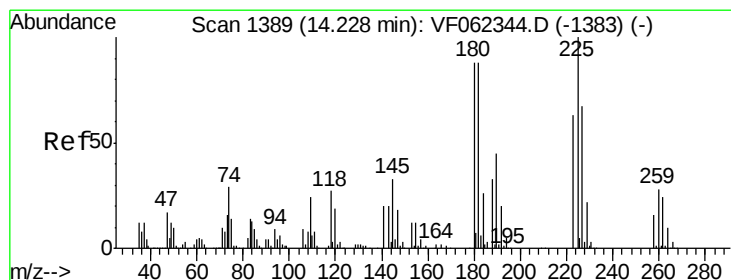
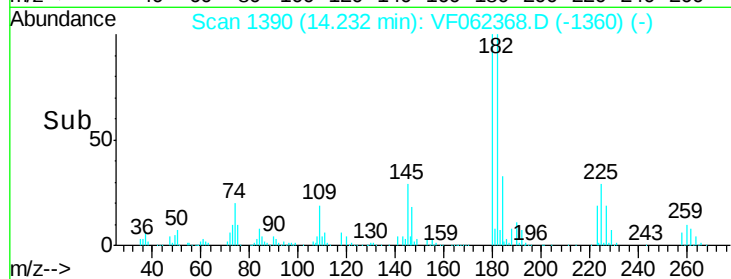
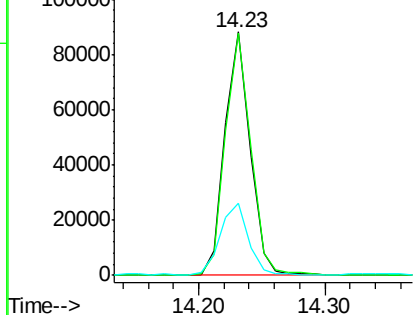
#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.676 ug/l  
 RT: 14.23 min Scan# 1390  
 Delta R.T. -0.01 min  
 Lab File: VF062368.D  
 Acq: 7 May 2019 20:13

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0507SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 99.6  | 49.0  | 147.0 |
| 145     | 32.5  | 16.7  | 50.1  |

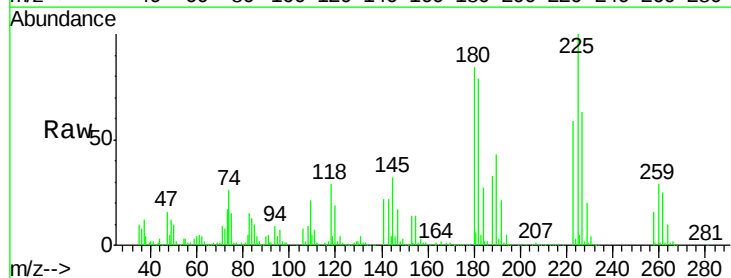


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

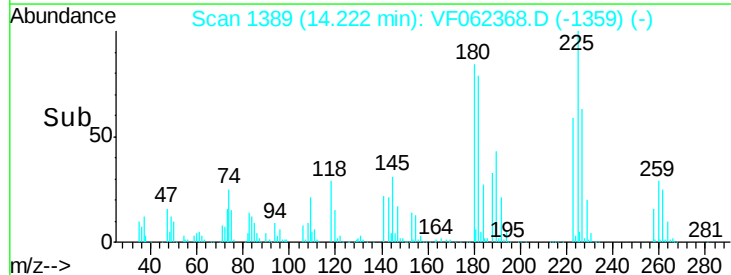
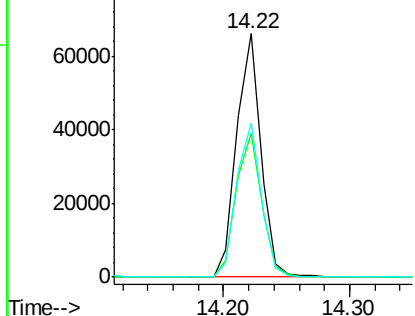


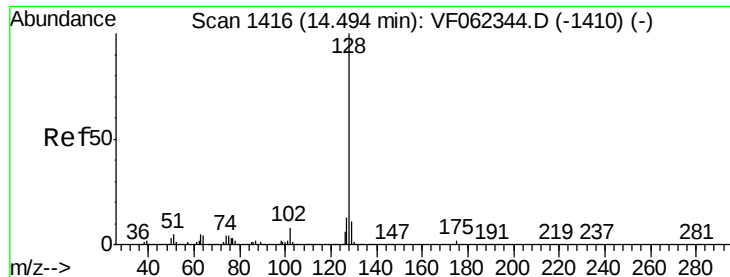
#94  
 Hexachlorobutadiene  
 Concen: 20.853 ug/l  
 RT: 14.22 min Scan# 1389  
 Delta R.T. -0.01 min  
 Lab File: VF062368.D  
 Acq: 7 May 2019 20:13

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.1  | 31.9  | 95.5  |
| 227     | 64.6  | 33.1  | 99.5  |



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: 22.134 ug/l

RT: 14.49 min Scan# 1416

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

Instrument :

MSVOA\_F

ClientSampleId :

VF0507SBS01

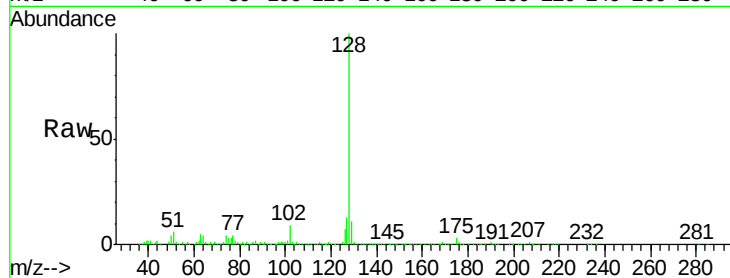
Tot Ion:128 Resp: 188420

Ion Ratio Lower Upper

128 100

127 13.3 10.5 15.7

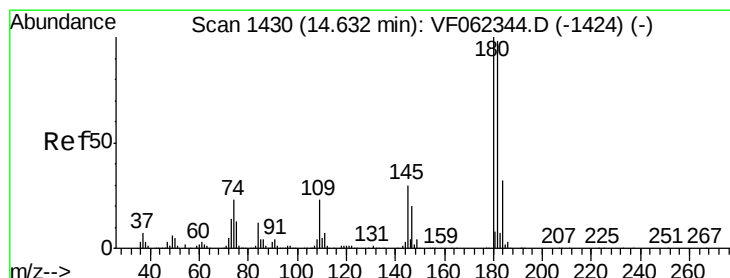
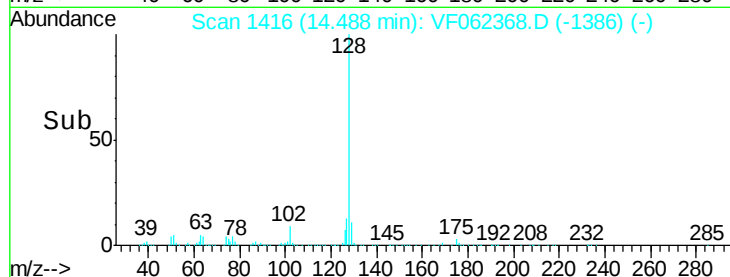
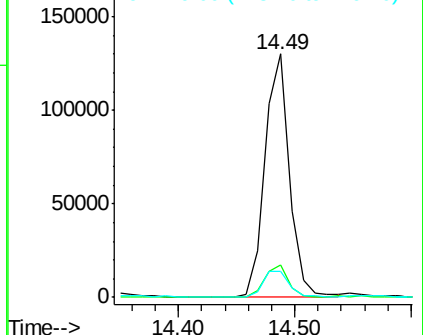
129 11.8 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 22.040 ug/l

RT: 14.63 min Scan# 1430

Delta R.T. -0.01 min

Lab File: VF062368.D

Acq: 7 May 2019 20:13

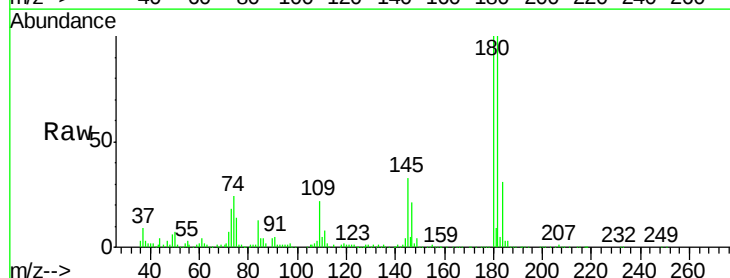
Tgt Ion:180 Resp: 120905

Ion Ratio Lower Upper

180 100

182 98.6 49.4 148.0

145 29.9 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

