

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_F\DATA\VF032219\  
 Data File : VF062083.D  
 Acq On : 22 Mar 2019 15:27  
 Operator : VA/AP  
 Sample : VF0322SBS01  
 Misc : 5.00µg/5mL/MSVOA-F/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0322SBS01

Quant Time: Mar 23 04:13:34 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F032219S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 23 01:16:37 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.90  | 168  | 290269   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 5.63  | 114  | 448575   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 9.81  | 117  | 387553   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.57 | 152  | 197898   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 4.88  | 65   | 113625   | 52.63 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 105.26% |          |
| 35) Dibromofluoromethane    | 4.15  | 113  | 161494   | 53.22 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 106.44% |          |
| 50) Toluene-d8              | 7.58  | 98   | 480847   | 53.09 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 106.18% |          |
| 62) 4-Bromofluorobenzene    | 11.44 | 95   | 181212   | 51.82 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 103.64% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 0.96 | 85   | 84387    | 22.693  | ug/l  | 98     |
| 3) Chloromethane              | 1.11 | 50   | 89502    | 23.003  | ug/l  | 99     |
| 4) Vinyl Chloride             | 1.15 | 62   | 86092    | 23.921  | ug/l  | 97     |
| 5) Bromomethane               | 1.34 | 94   | 53528    | 20.690  | ug/l  | 96     |
| 6) Chloroethane               | 1.40 | 64   | 37502    | 20.699  | ug/l  | 95     |
| 7) Trichlorofluoromethane     | 1.50 | 101  | 94436    | 21.726  | ug/l  | 96     |
| 8) Diethyl Ether              | 1.64 | 74   | 21116    | 21.267  | ug/l  | 88     |
| 9) 1,1,2-Trichlorotrifluoroet | 1.85 | 101  | 66854    | 22.545  | ug/l  | 97     |
| 10) Methyl Iodide             | 1.93 | 142  | 91192    | 16.183  | ug/l  | 93     |
| 11) Tert butyl alcohol        | 2.59 | 59   | 14313    | 120.485 | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 1.81 | 96   | 60898    | 21.765  | ug/l  | 95     |
| 13) Acrolein                  | 2.02 | 56   | 16532    | 115.729 | ug/l  | 92     |
| 14) Allyl chloride            | 2.12 | 41   | 70902    | 23.735  | ug/l  | 95     |
| 15) Acrylonitrile             | 2.97 | 53   | 45284    | 108.403 | ug/l  | 96     |
| 16) Acetone                   | 2.26 | 43   | 50921    | 112.061 | ug/l  | 96     |
| 17) Carbon Disulfide          | 1.84 | 76   | 152961   | 17.928  | ug/l  | 97     |
| 18) Methyl Acetate            | 2.37 | 43   | 24803    | 22.882  | ug/l  | 91     |
| 19) Methyl tert-butyl Ether   | 2.45 | 73   | 101143   | 22.872  | ug/l  | 99     |
| 20) Methylene Chloride        | 2.21 | 84   | 24906    | 6.309   | ug/l  | 91     |
| 21) trans-1,2-Dichloroethene  | 2.33 | 96   | 64148    | 23.828  | ug/l  | 98     |
| 22) Diisopropyl ether         | 2.83 | 45   | 178694   | 22.816  | ug/l  | 96     |
| 23) Vinyl Acetate             | 3.21 | 43   | 412203   | 128.544 | ug/l  | 99     |
| 24) 1,1-Dichloroethane        | 2.90 | 63   | 97758    | 20.814  | ug/l  | 98     |
| 25) 2-Butanone                | 4.37 | 43   | 106589   | 112.361 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 3.63 | 77   | 43506    | 22.846  | ug/l  | 95     |
| 27) cis-1,2-Dichloroethene    | 3.51 | 96   | 78881    | 22.112  | ug/l  | 94     |
| 28) Bromochloromethane        | 3.75 | 49   | 45414    | 23.666  | ug/l  | 89     |
| 29) Tetrahydrofuran           | 4.11 | 42   | 47064    | 114.108 | ug/l  | 98     |
| 30) Chloroform                | 3.89 | 83   | 111854   | 22.535  | ug/l  | 99     |
| 31) Cyclohexane               | 3.72 | 56   | 70269    | 14.325  | ug/l  | 98     |
| 32) 1,1,1-Trichloroethane     | 4.13 | 97   | 66446    | 22.006  | ug/l  | 96     |
| 36) 1,1-Dichloropropene       | 4.32 | 75   | 95341    | 22.314  | ug/l  | 97     |
| 37) Ethyl Acetate             | 4.15 | 43   | 39325    | 21.060  | ug/l  | 93     |
| 38) Carbon Tetrachloride      | 4.02 | 117  | 64300    | 22.080  | ug/l  | 98     |

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 Sample : VF0322SBS01  
 Misc : 5.00µg/5mL/MSVOA-F/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0322SBS01

Quant Time: Mar 23 04:13:34 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F032219S.M  
 Quant Title : SW846 8260  
 QLast Update : Sat Mar 23 01:16:37 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 5.49  | 83   | 111734   | 22.532  | ug/l   | 98       |
| 40) Benzene                    | 4.67  | 78   | 252739   | 22.065  | ug/l   | 100      |
| 41) Methacrylonitrile          | 4.78  | 41   | 21025    | 21.280  | ug/l   | 90       |
| 42) 1,2-Dichloroethane         | 4.98  | 62   | 56028    | 20.685  | ug/l   | 98       |
| 43) Isopropyl Acetate          | 6.99  | 43   | 48890    | 21.620  | ug/l # | 91       |
| 44) Trichloroethene            | 5.54  | 130  | 79288    | 22.641  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 6.26  | 63   | 59365    | 21.730  | ug/l   | 99       |
| 46) Dibromomethane             | 6.11  | 93   | 36558    | 21.886  | ug/l   | 89       |
| 47) Bromodichloromethane       | 6.42  | 83   | 77918    | 21.059  | ug/l   | 93       |
| 48) Methyl methacrylate        | 6.75  | 41   | 30863    | 23.970  | ug/l   | 94       |
| 49) 1,4-Dioxane                | 6.74  | 88   | 5359     | 474.334 | ug/l   | 91       |
| 51) 4-Methyl-2-Pentanone       | 8.29  | 43   | 165660   | 109.450 | ug/l   | 98       |
| 52) Toluene                    | 7.65  | 92   | 137179   | 20.677  | ug/l   | 95       |
| 53) t-1,3-Dichloropropene      | 8.31  | 75   | 63431    | 21.839  | ug/l   | 97       |
| 54) cis-1,3-Dichloropropene    | 7.33  | 75   | 89781    | 21.603  | ug/l   | 97       |
| 55) 1,1,2-Trichloroethane      | 8.52  | 97   | 42262    | 22.427  | ug/l   | 95       |
| 56) Ethyl methacrylate         | 8.65  | 69   | 47170    | 20.988  | ug/l # | 89       |
| 57) 1,3-Dichloropropane        | 8.88  | 76   | 68455    | 21.887  | ug/l   | 92       |
| 58) 2-Chloroethyl Vinyl ether  | 7.32  | 63   | 32662    | 95.774  | ug/l   | 94       |
| 59) 2-Hexanone                 | 9.52  | 43   | 129440   | 116.686 | ug/l   | 97       |
| 60) Dibromochloromethane       | 8.74  | 129  | 57033    | 21.771  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.02  | 107  | 44415    | 22.092  | ug/l   | 97       |
| 64) Tetrachloroethene          | 8.18  | 164  | 62403    | 20.842  | ug/l   | 96       |
| 65) Chlorobenzene              | 9.83  | 112  | 159382   | 21.980  | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 9.96  | 131  | 61501    | 21.114  | ug/l   | 97       |
| 67) Ethyl Benzene              | 9.93  | 91   | 279965   | 22.200  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.16 | 106  | 213846   | 45.370  | ug/l   | 99       |
| 69) o-Xylene                   | 10.74 | 106  | 104437   | 21.156  | ug/l   | 91       |
| 70) Styrene                    | 10.81 | 104  | 161711   | 21.620  | ug/l   | 98       |
| 71) Bromoform                  | 10.79 | 173  | 31186    | 20.932  | ug/l   | 97       |
| 73) Isopropylbenzene           | 11.15 | 105  | 318311   | 22.858  | ug/l   | 99       |
| 74) N-amyl acetate             | 11.40 | 43   | 73194    | 22.059  | ug/l   | 96       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.71 | 83   | 52110    | 21.794  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.81 | 75   | 36269    | 21.554  | ug/l   | 93       |
| 77) Bromobenzene               | 11.51 | 156  | 75378    | 22.156  | ug/l   | 82       |
| 78) n-propylbenzene            | 11.61 | 91   | 369730   | 22.865  | ug/l   | 98       |
| 79) 2-Chlorotoluene            | 11.74 | 91   | 206728   | 23.001  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.84 | 105  | 250953   | 21.909  | ug/l   | 97       |
| 81) trans-1,4-Dichloro-2-buten | 11.89 | 75   | 20566    | 29.994  | ug/l # | 88       |
| 82) 4-Chlorotoluene            | 11.92 | 91   | 209677   | 22.753  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 12.15 | 119  | 266498   | 22.226  | ug/l   | 97       |
| 84) 1,2,4-Trimethylbenzene     | 12.22 | 105  | 249858   | 22.252  | ug/l   | 97       |
| 85) sec-Butylbenzene           | 12.32 | 105  | 349279   | 22.517  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.48 | 119  | 294812   | 21.937  | ug/l   | 97       |
| 87) 1,3-Dichlorobenzene        | 12.49 | 146  | 137742   | 21.792  | ug/l   | 96       |
| 88) 1,4-Dichlorobenzene        | 12.58 | 146  | 131188   | 21.270  | ug/l   | 94       |
| 89) n-Butylbenzene             | 12.87 | 91   | 297335   | 23.191  | ug/l   | 98       |
| 90) Hexachloroethane           | 12.93 | 117  | 70196    | 21.937  | ug/l   | 91       |
| 91) 1,2-Dichlorobenzene        | 12.96 | 146  | 135758   | 22.873  | ug/l   | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.66 | 75   | 7868     | 21.718  | ug/l   | 74       |

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Data File : VF062083.D  
Acq On : 22 Mar 2019 15:27  
Operator : VA/AP  
Sample : VF0322SBS01  
Misc : 5.00g/5mL/MSVOA-F/SOIL  
ALS Vial : 11 Sample Multiplier: 1

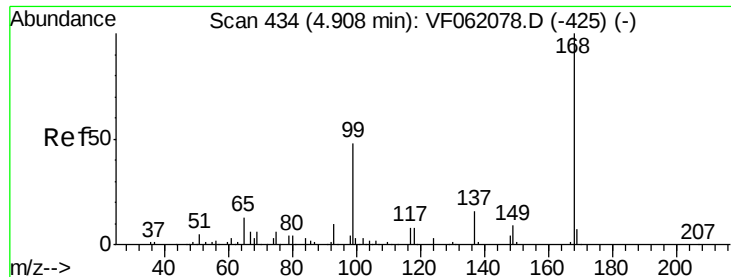
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0322SBS01

Quant Time: Mar 23 04:13:34 2019  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_F\METHODS\82F032219S.M  
Quant Title : SW846 8260  
QLast Update : Sat Mar 23 01:16:37 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.22 | 180  | 95672    | 23.128 | ug/l  | 97       |
| 94) Hexachlorobutadiene    | 14.21 | 225  | 60084    | 21.846 | ug/l  | 96       |
| 95) Naphthalene            | 14.47 | 128  | 156511   | 21.591 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.62 | 180  | 85033    | 21.961 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.90 min Scan# 433

Delta R.T. -0.01 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

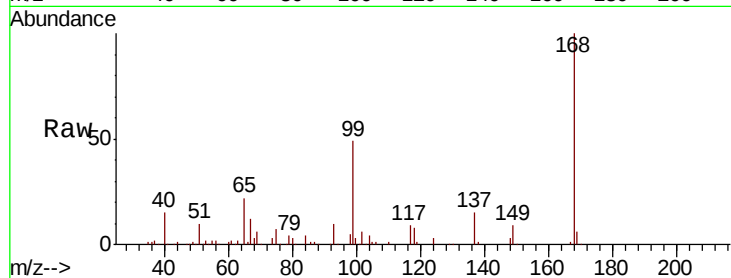
VF0322SBS01

Tot Ion:168 Resp: 290269

Ion Ratio Lower Upper

168 100

99 49.3 38.2 57.4



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.90

100000

80000

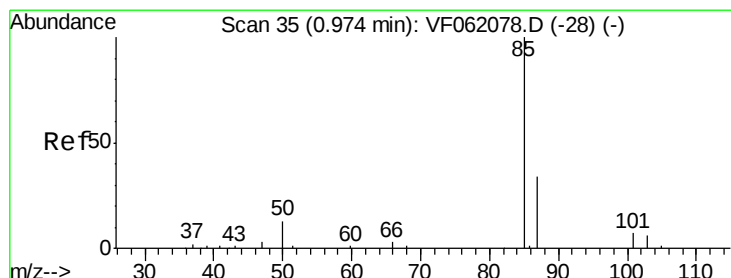
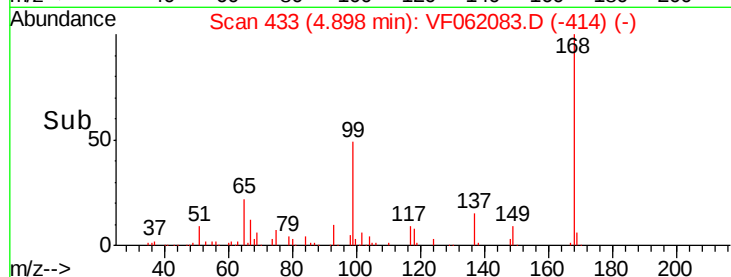
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 22.693 ug/l

RT: 0.96 min Scan# 34

Delta R.T. -0.01 min

Lab File: VF062083.D

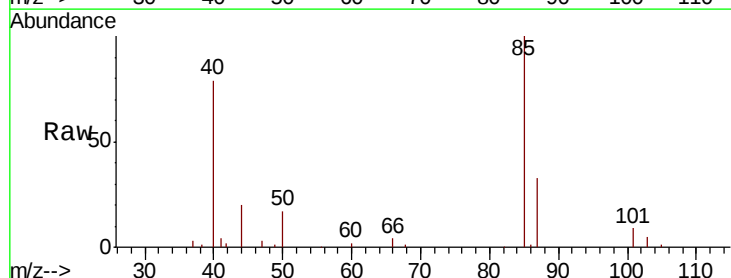
Acq: 22 Mar 2019 15:27

Tgt Ion: 85 Resp: 84387

Ion Ratio Lower Upper

85 100

87 32.6 17.0 51.0



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.96

25000

20000

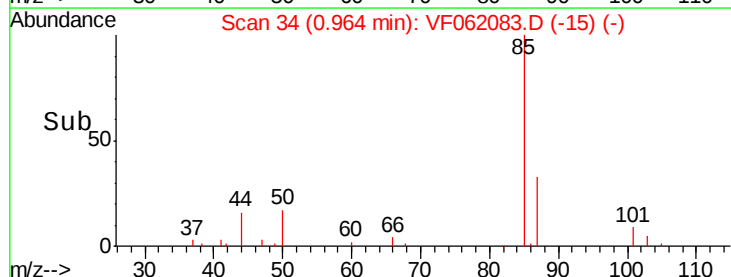
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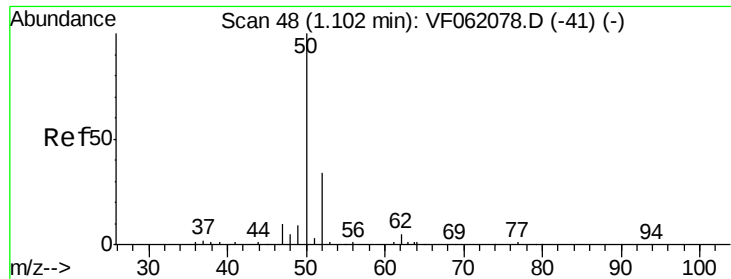
10000

5000

0

Time-->





#3

Chloromethane

Concen: 23.003 ug/l

RT: 1.11 min Scan# 49

Delta R.T. 0.01 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

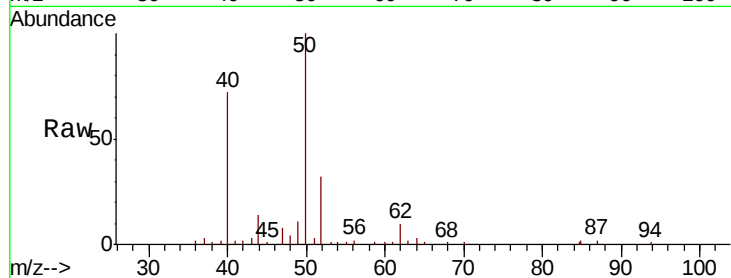
VF0322SBS01

Tot Ion: 50 Resp: 89502

Ion Ratio Lower Upper

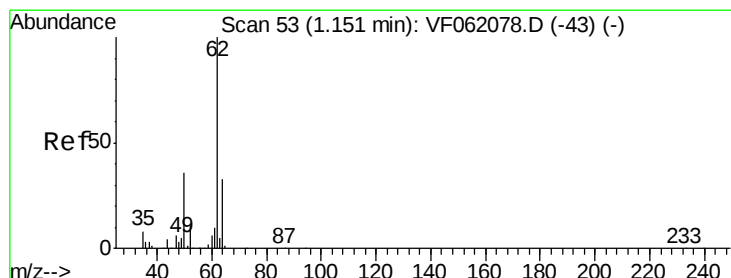
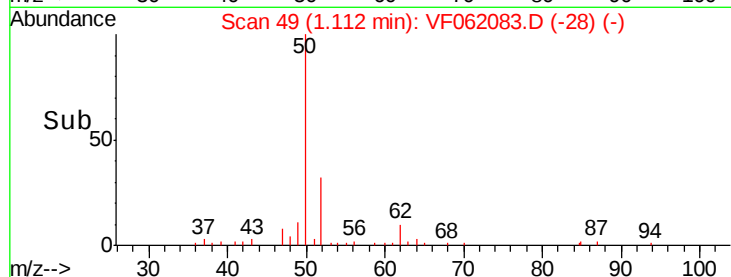
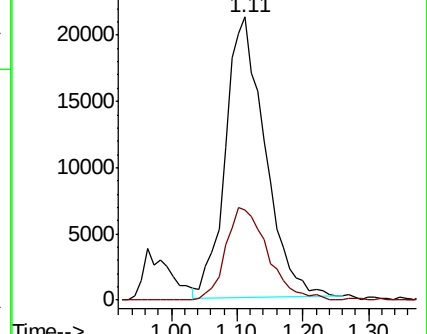
50 100

52 31.8 26.1 39.1



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#4

Vinyl Chloride

Concen: 23.921 ug/l

RT: 1.15 min Scan# 53

Delta R.T. -0.00 min

Lab File: VF062083.D

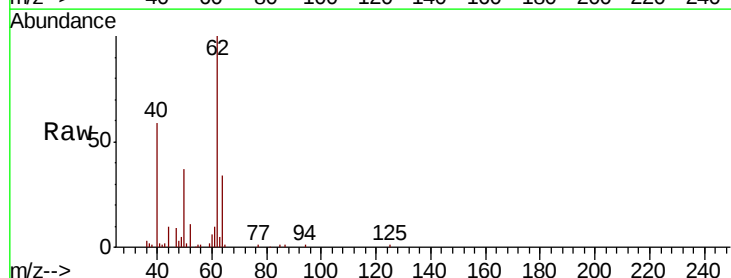
Acq: 22 Mar 2019 15:27

Tgt Ion: 62 Resp: 86092

Ion Ratio Lower Upper

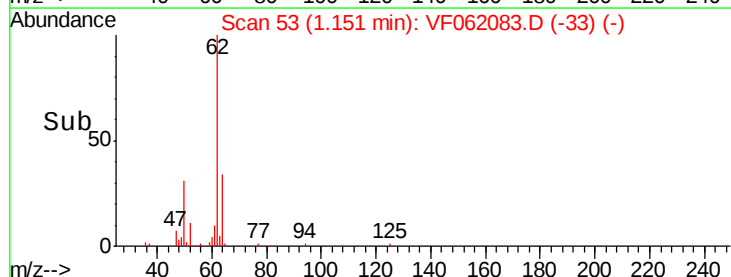
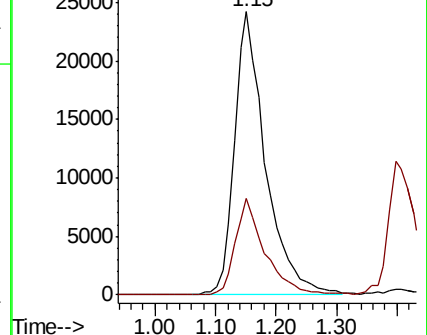
62 100

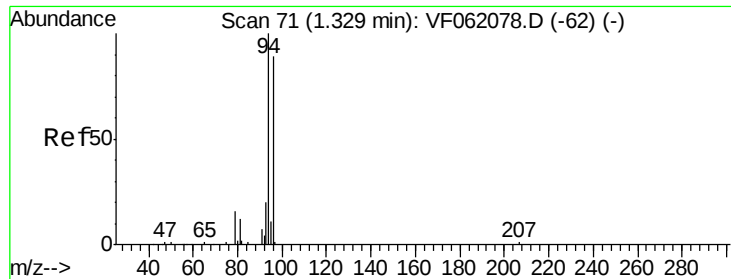
64 34.2 26.2 39.2



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0





#5

Bromomethane

Concen: 20.690 ug/l

RT: 1.34 min Scan# 72

Delta R.T. 0.01 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

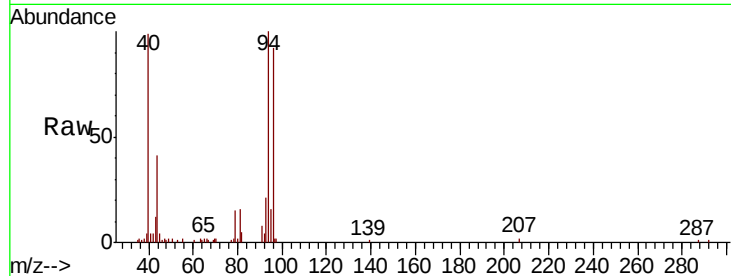
VF0322SBS01

Tot Ion: 94 Resp: 53528

Ion Ratio Lower Upper

94 100

96 92.3 70.9 106.3



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0

12000

10000

8000

6000

4000

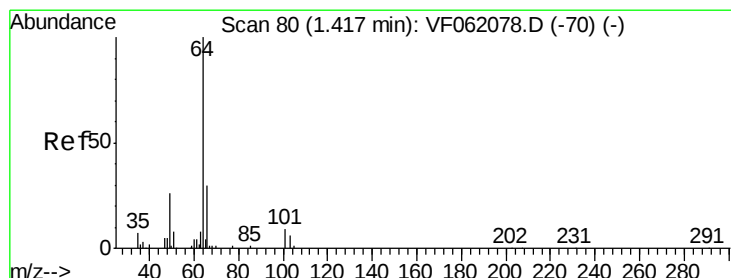
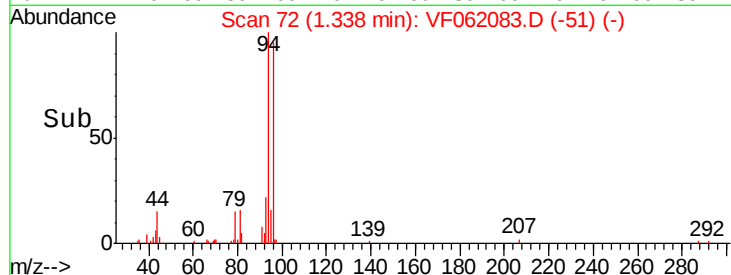
2000

0

1.34

1.20 1.30 1.40 1.50

Time-->



#6

Chloroethane

Concen: 20.699 ug/l

RT: 1.40 min Scan# 78

Delta R.T. -0.02 min

Lab File: VF062083.D

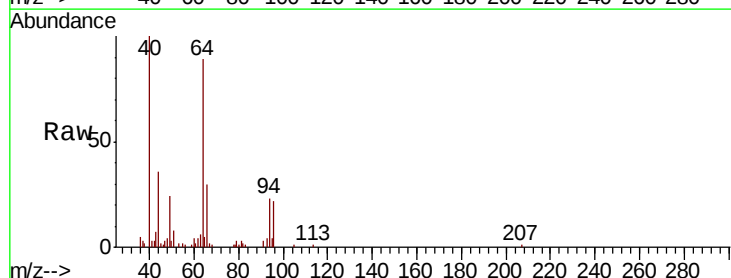
Acq: 22 Mar 2019 15:27

Tgt Ion: 64 Resp: 37502

Ion Ratio Lower Upper

64 100

66 33.1 24.5 36.7



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0

12000

10000

8000

6000

4000

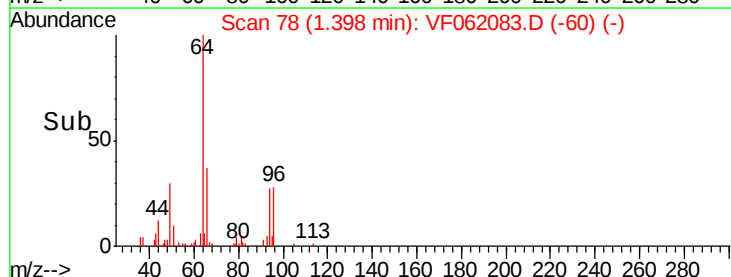
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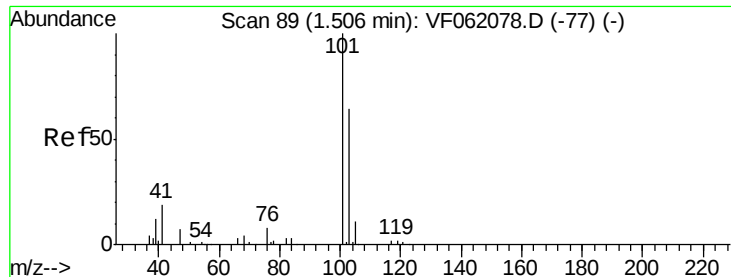
0

1.40

1.30 1.40 1.50 1.60

Time-->





#7

Trichlorofluoromethane

Concen: 21.726 ug/l

RT: 1.50 min Scan# 88

Delta R.T. -0.01 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

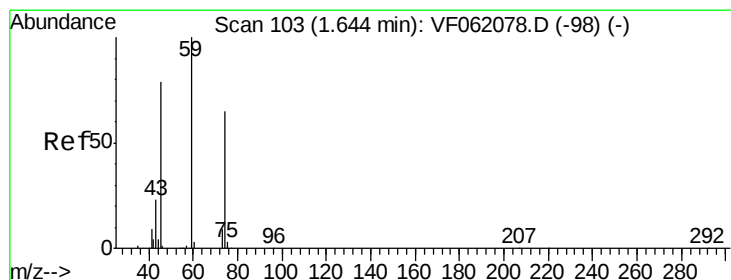
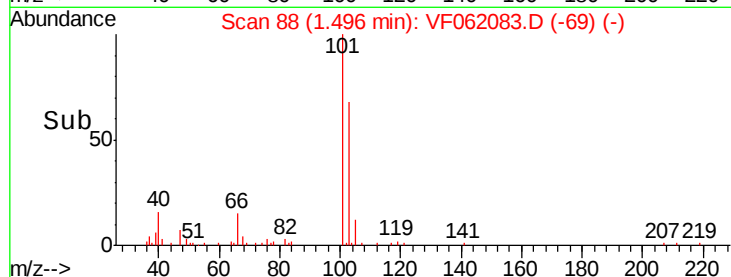
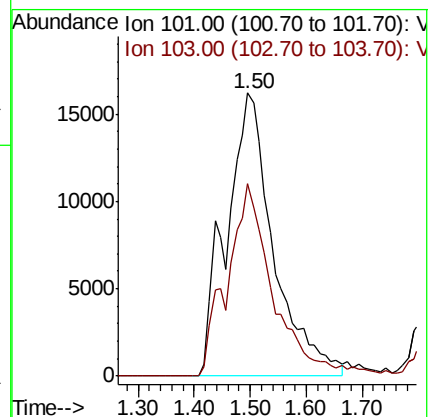
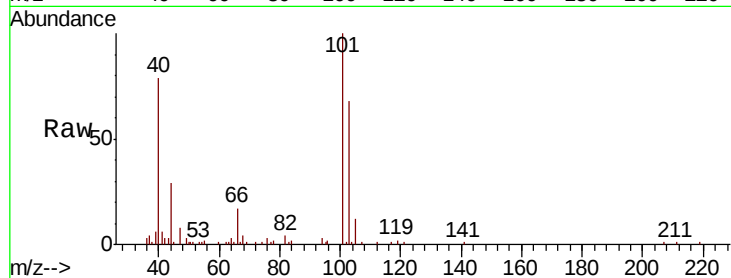
VF0322SBS01

Tot Ion:101 Resp: 94436

Ion Ratio Lower Upper

101 100

103 67.9 51.5 77.3



#8

Diethyl Ether

Concen: 21.267 ug/l

RT: 1.64 min Scan# 103

Delta R.T. -0.00 min

Lab File: VF062083.D

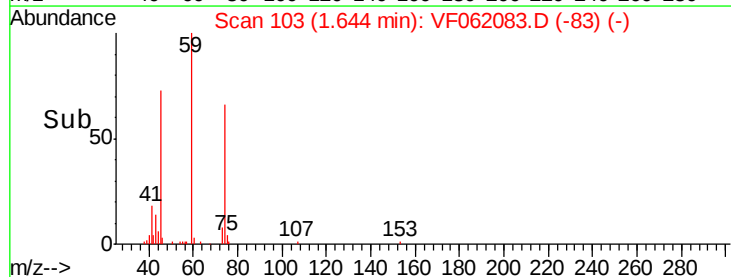
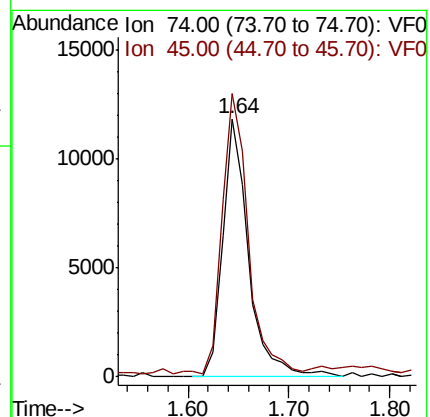
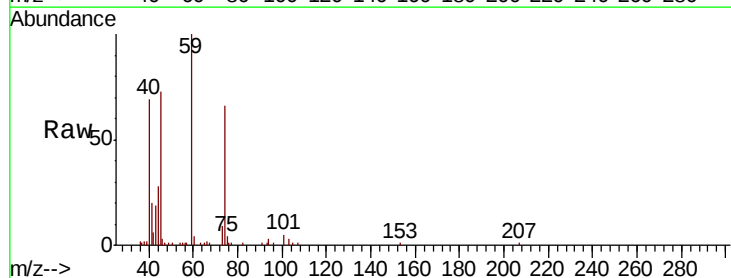
Acq: 22 Mar 2019 15:27

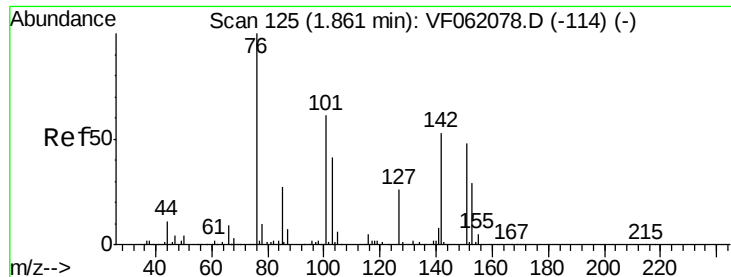
Tgt Ion: 74 Resp: 21116

Ion Ratio Lower Upper

74 100

45 109.7 61.4 184.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.545 ug/l

RT: 1.85 min Scan# 124

Delta R.T. -0.01 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

VF0322SBS01

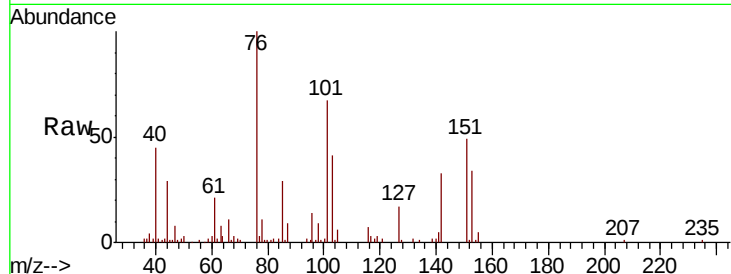
Tot Ion:101 Resp: 66854

Ion Ratio Lower Upper

101 100

85 43.6 34.6 52.0

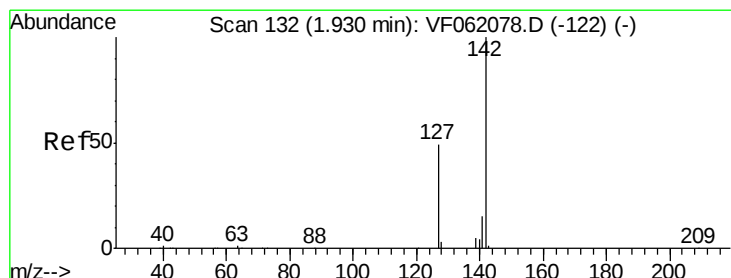
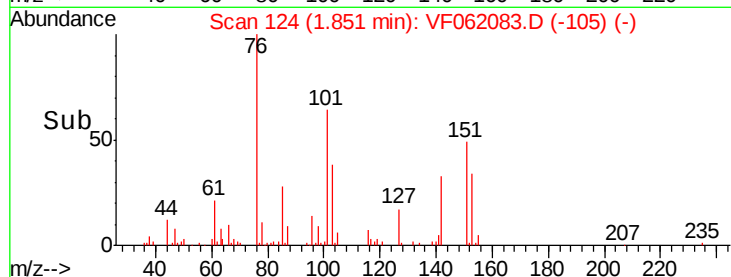
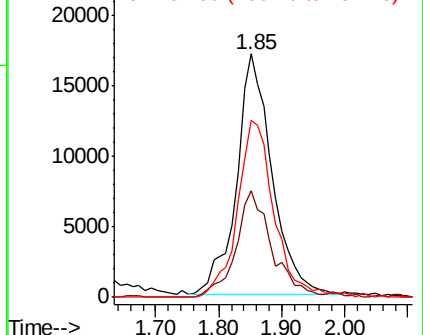
151 72.6 61.7 92.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VF0

Ion 151.00 (150.70 to 151.70): V



#10

Methyl Iodide

Concen: 16.183 ug/l

RT: 1.93 min Scan# 132

Delta R.T. -0.00 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

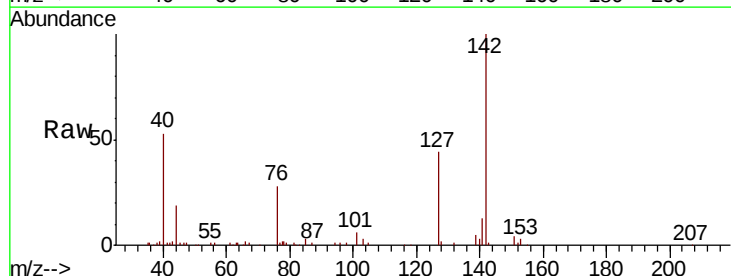
Tgt Ion:142 Resp: 91192

Ion Ratio Lower Upper

142 100

127 43.8 39.1 58.7

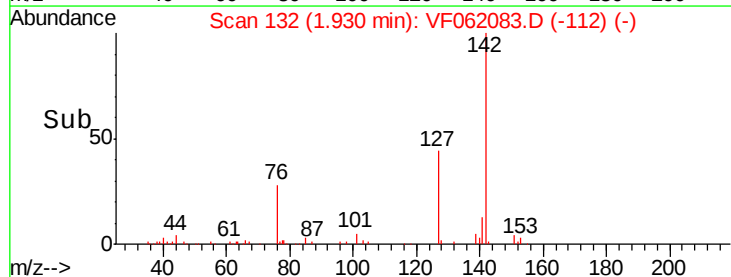
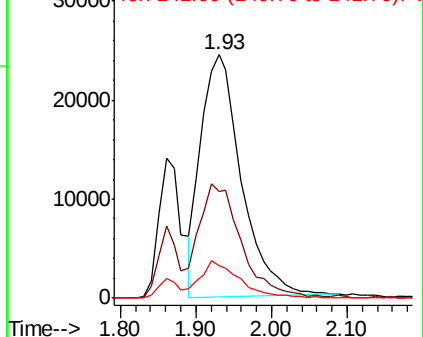
141 13.5 12.2 18.4

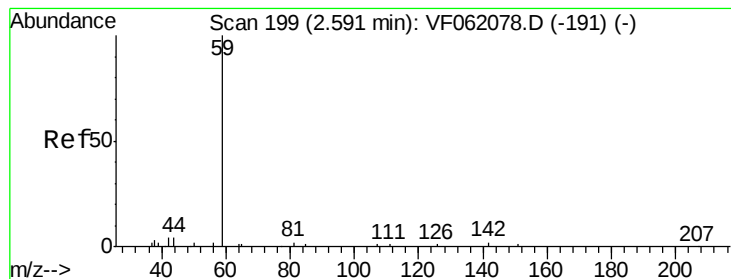


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



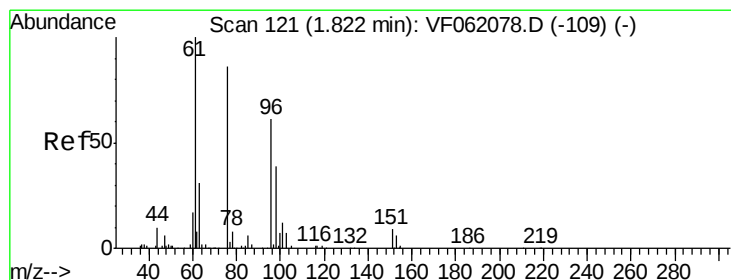
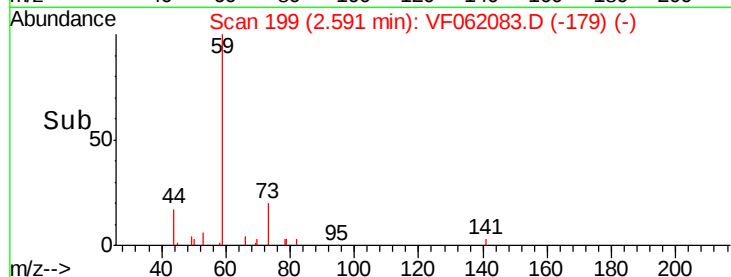
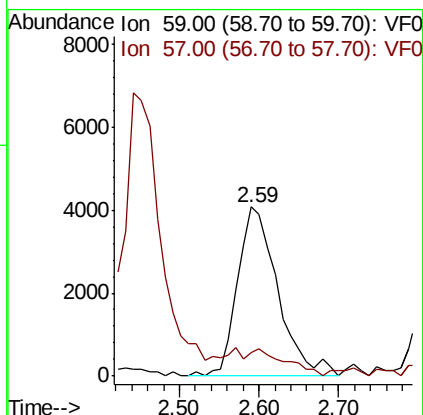
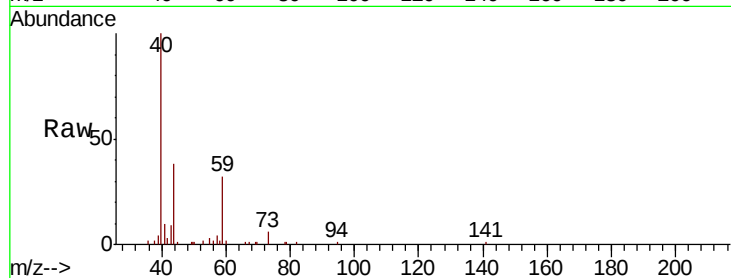


#11

Tert butyl alcohol  
Concen: 120.485 ug/l  
RT: 2.59 min Scan# 199  
Delta R.T. -0.00 min  
Lab File: VF062083.D  
Acq: 22 Mar 2019 15:27

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0322SBS01

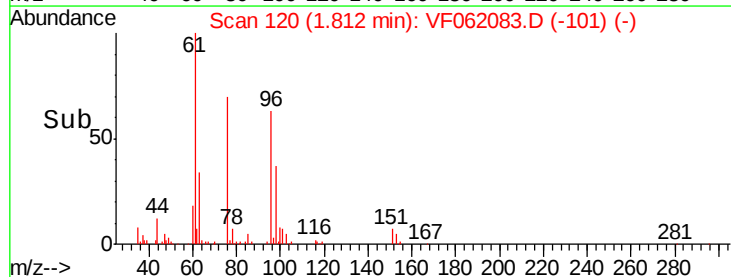
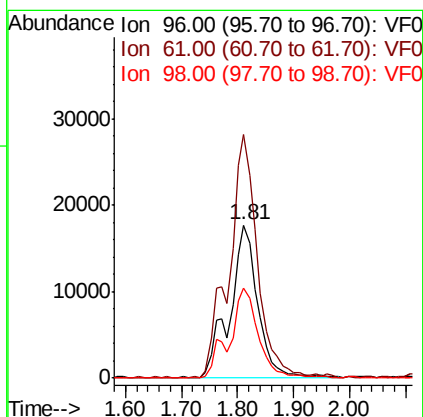
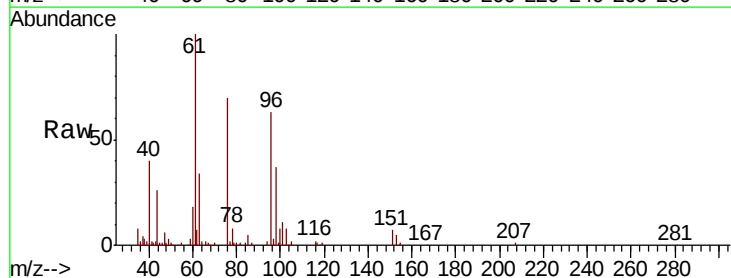
Tot Ion: 59 Resp: 14313  
Ion Ratio Lower Upper  
59 100  
57 13.8 11.0 16.4

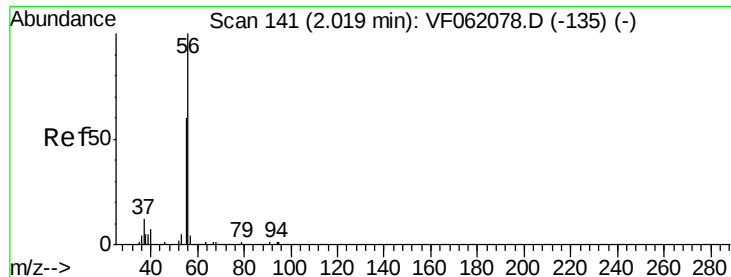


#12

1,1-Dichloroethene  
Concen: 21.765 ug/l  
RT: 1.81 min Scan# 120  
Delta R.T. -0.01 min  
Lab File: VF062083.D  
Acq: 22 Mar 2019 15:27

Tgt Ion: 96 Resp: 60898  
Ion Ratio Lower Upper  
96 100  
61 159.1 131.0 196.6  
98 58.6 51.5 77.3

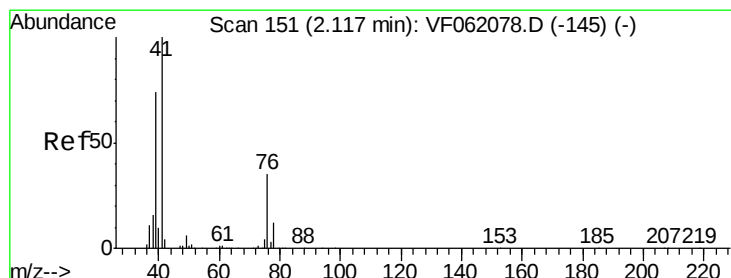
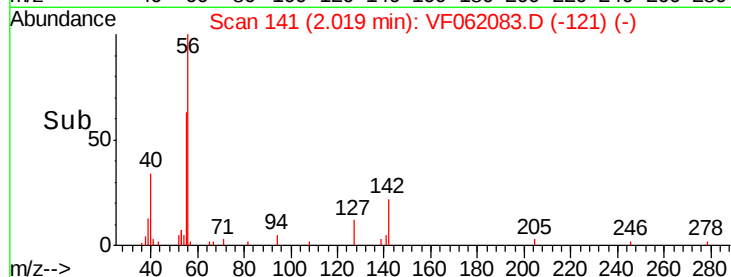
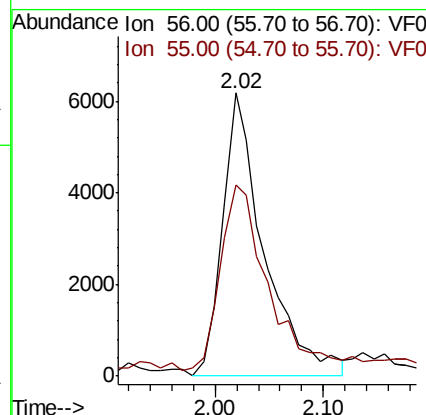
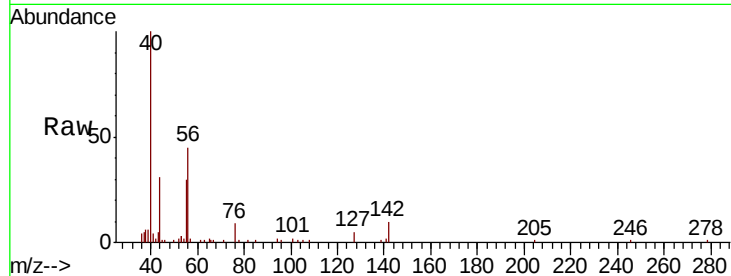




#13  
Acrolein  
Concen: 115.729 ug/l  
RT: 2.02 min Scan# 141  
Delta R.T. -0.00 min  
Lab File: VF062083.D  
Acq: 22 Mar 2019 15:27

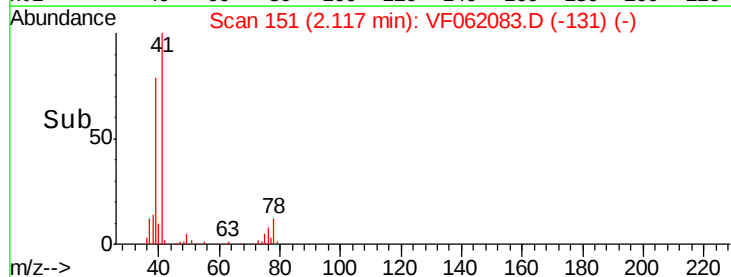
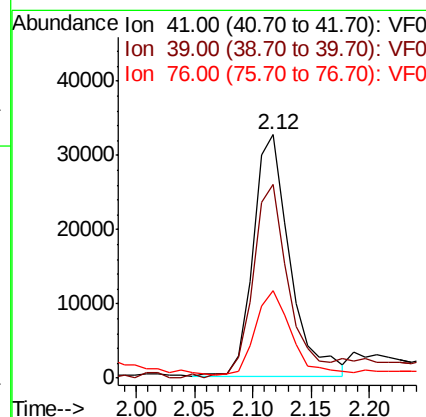
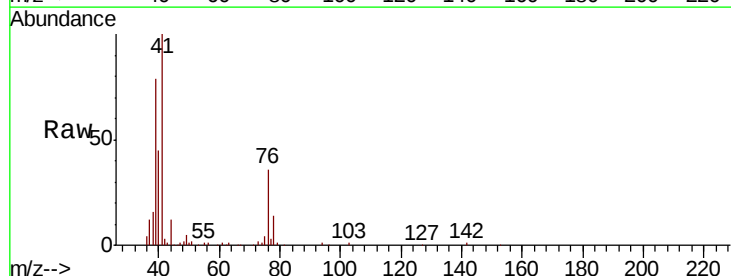
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0322SBS01

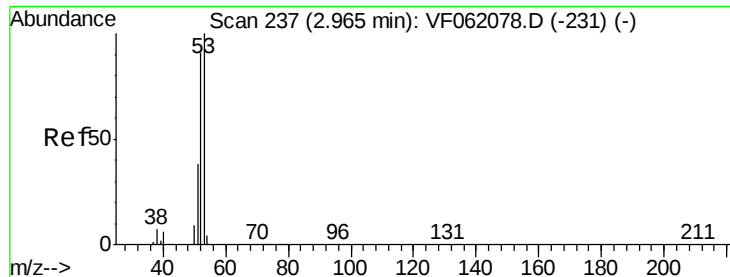
Tot Ion: 56 Resp: 16532  
Ion Ratio Lower Upper  
56 100  
55 67.4 49.0 73.4



#14  
Allyl chloride  
Concen: 23.735 ug/l  
RT: 2.12 min Scan# 151  
Delta R.T. -0.00 min  
Lab File: VF062083.D  
Acq: 22 Mar 2019 15:27

Tgt Ion: 41 Resp: 70902  
Ion Ratio Lower Upper  
41 100  
39 79.3 59.8 89.8  
76 35.7 30.0 45.0





#15

Acrylonitrile

Concen: 108.403 ug/l

RT: 2.97 min Scan# 237

Delta R.T. -0.00 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

VF0322SBS01

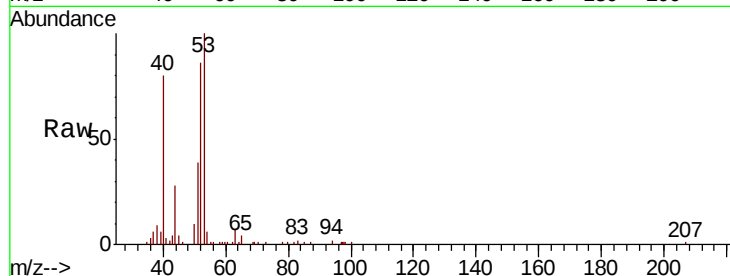
Tot Ion: 53 Resp: 45284

Ion Ratio Lower Upper

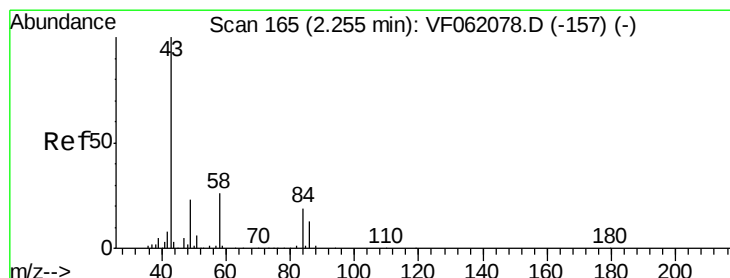
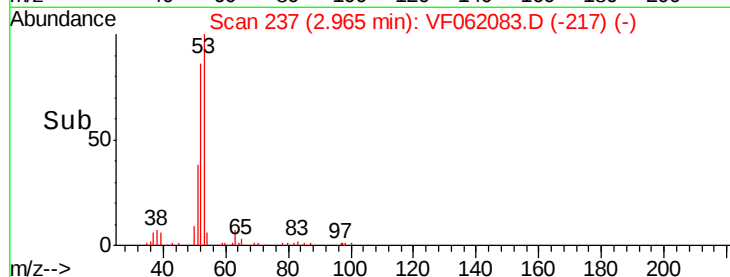
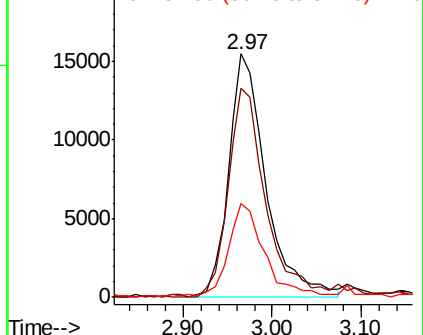
53 100

52 86.0 72.3 108.5

51 38.5 30.4 45.6



Abundance Ion 53.00 (52.70 to 53.70): VF0  
Ion 52.00 (51.70 to 52.70): VF0  
Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 112.061 ug/l

RT: 2.26 min Scan# 165

Delta R.T. -0.00 min

Lab File: VF062083.D

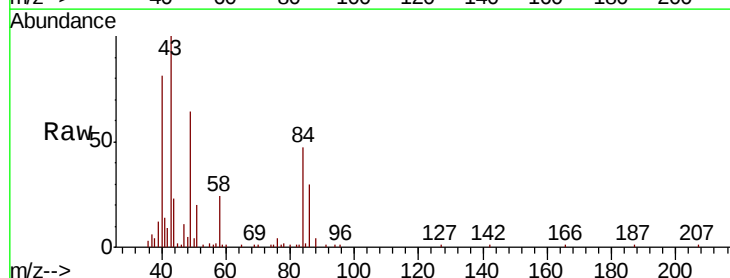
Acq: 22 Mar 2019 15:27

Tgt Ion: 43 Resp: 50921

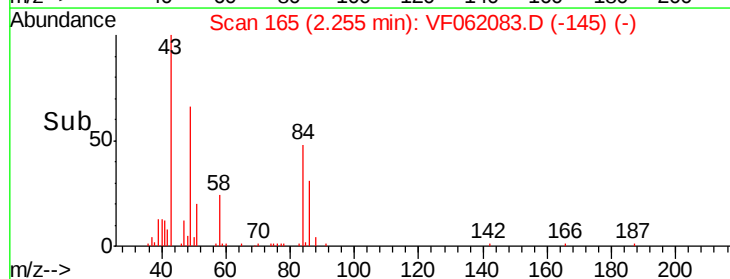
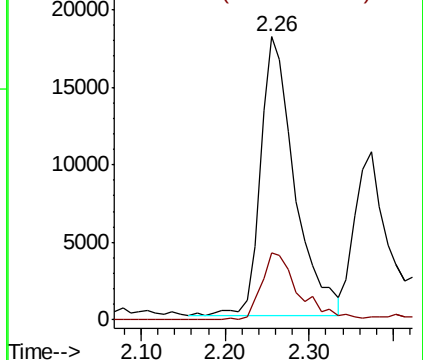
Ion Ratio Lower Upper

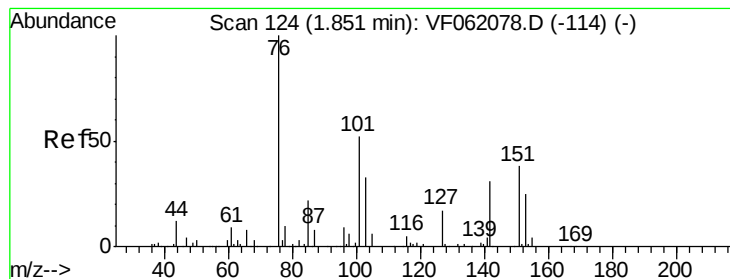
43 100

58 23.8 20.8 31.2



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

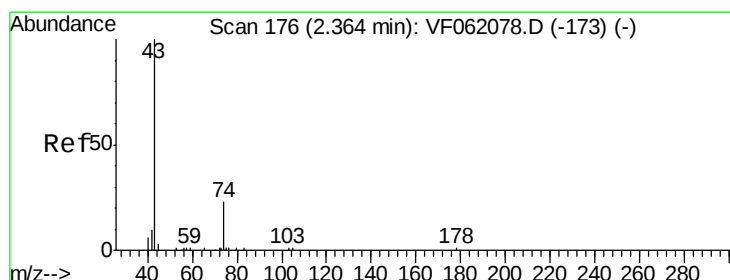
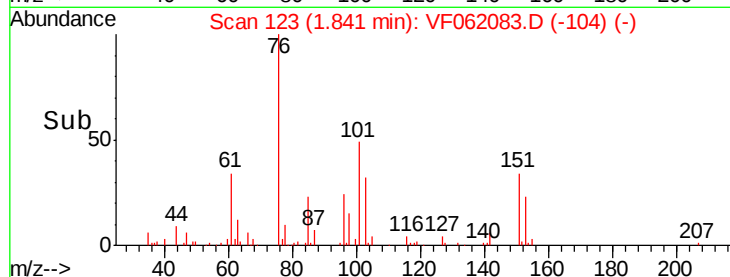
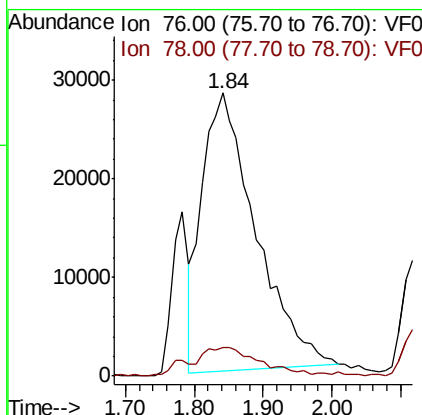
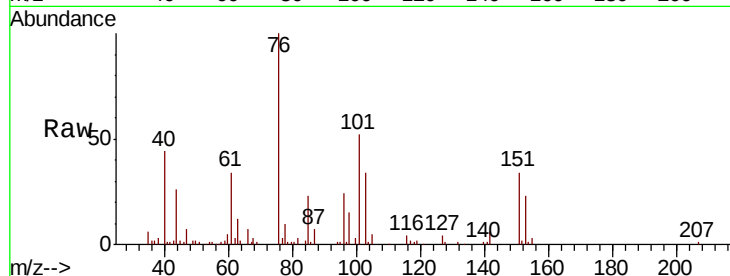




#17  
Carbon Disulfide  
Concen: 17.928 ug/l  
RT: 1.84 min Scan# 123  
Delta R.T. -0.01 min  
Lab File: VF062083.D  
Acq: 22 Mar 2019 15:27

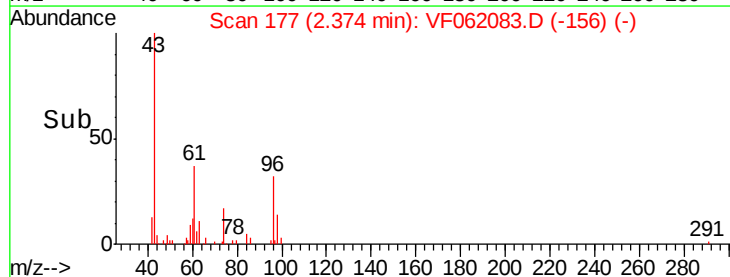
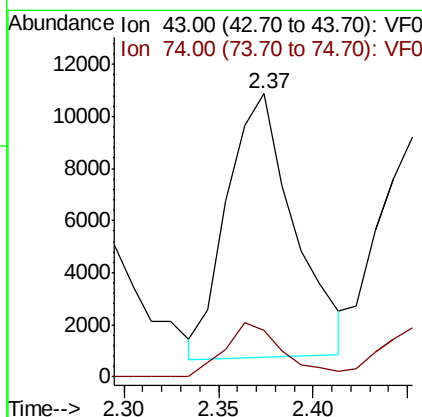
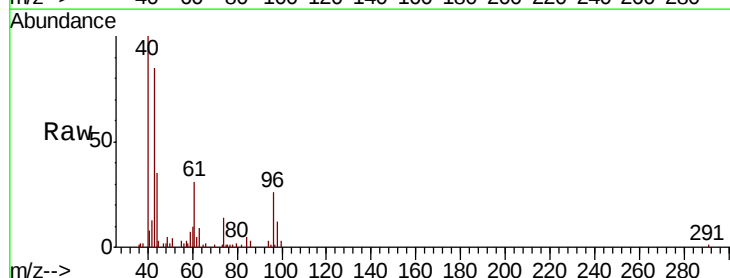
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0322SBS01

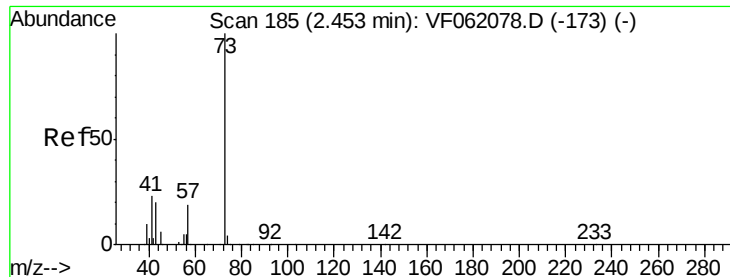
Tot Ion: 76 Resp: 152961  
Ion Ratio Lower Upper  
76 100  
78 10.9 7.9 11.9



#18  
Methyl Acetate  
Concen: 22.882 ug/l  
RT: 2.37 min Scan# 177  
Delta R.T. 0.01 min  
Lab File: VF062083.D  
Acq: 22 Mar 2019 15:27

Tgt Ion: 43 Resp: 24803  
Ion Ratio Lower Upper  
43 100  
74 16.4 16.3 24.5



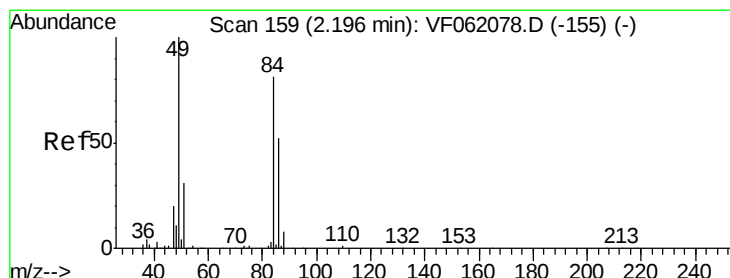
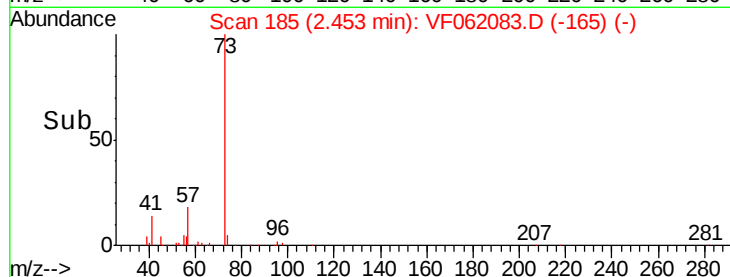
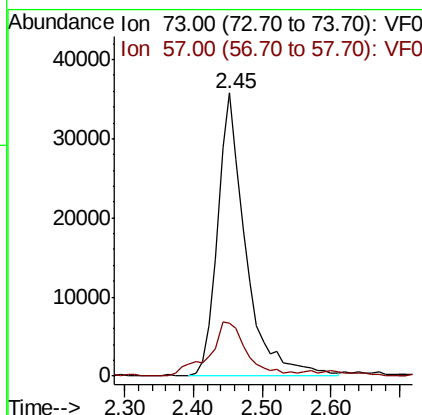
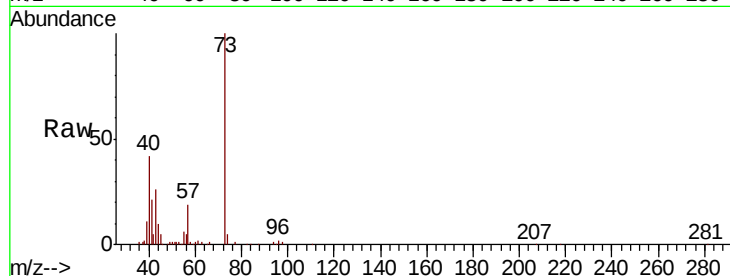


#19

Methyl tert-butyl Ether  
 Concen: 22.872 ug/l  
 RT: 2.45 min Scan# 185  
 Delta R.T. -0.00 min  
 Lab File: VF062083.D  
 Acq: 22 Mar 2019 15:27

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0322SBS01

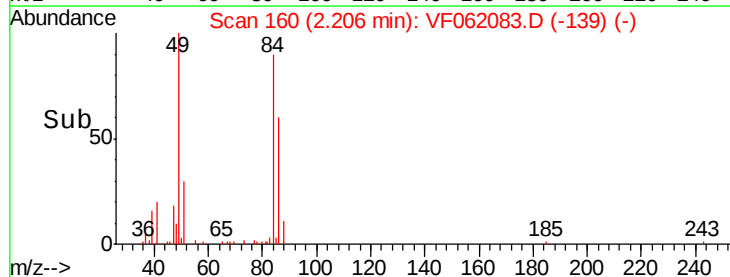
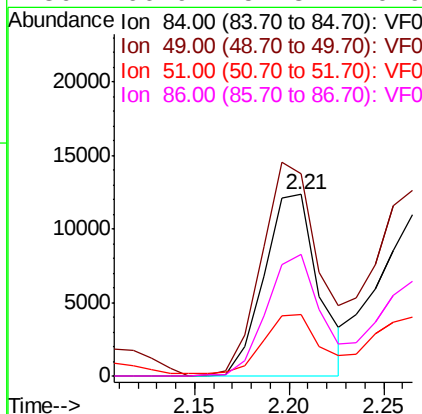
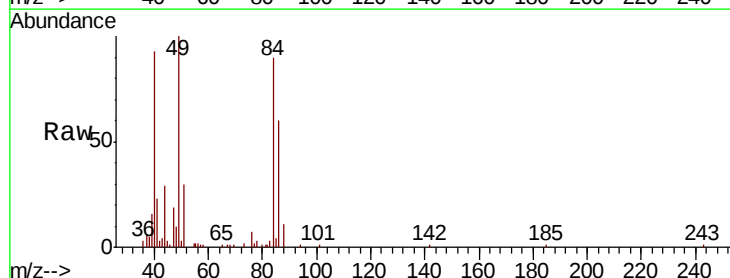
Tot Ion: 73 Resp: 101143  
 Ion Ratio Lower Upper  
 73 100  
 57 18.6 15.1 22.7

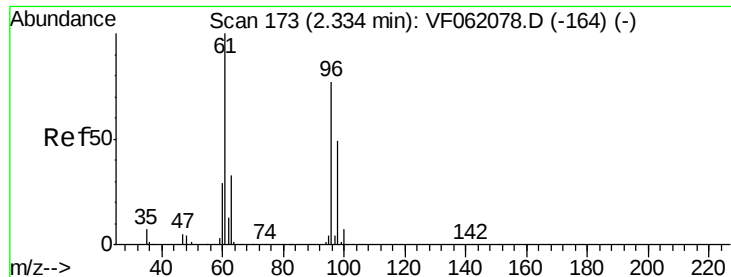


#20

Methylene Chloride  
 Concen: 6.309 ug/l  
 RT: 2.21 min Scan# 160  
 Delta R.T. 0.01 min  
 Lab File: VF062083.D  
 Acq: 22 Mar 2019 15:27

Tgt Ion: 84 Resp: 24906  
 Ion Ratio Lower Upper  
 84 100  
 49 111.5 100.4 150.6  
 51 33.7 31.0 46.6  
 86 66.9 51.3 76.9





#21

trans-1,2-Dichloroethene

Concen: 23.828 ug/l

RT: 2.33 min Scan# 173

Delta R.T. -0.00 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

VF0322SBS01

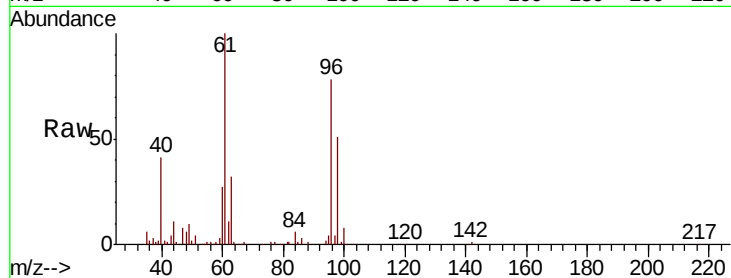
Tot Ion: 96 Resp: 64148

Ion Ratio Lower Upper

96 100

61 128.9 104.5 156.7

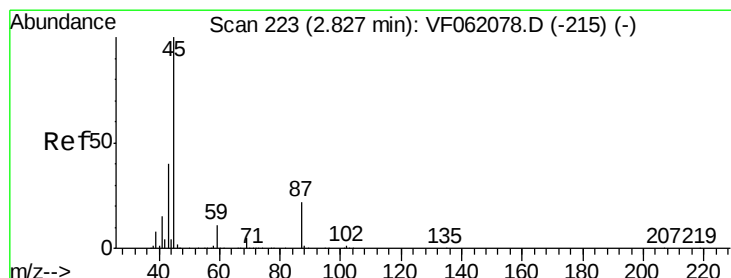
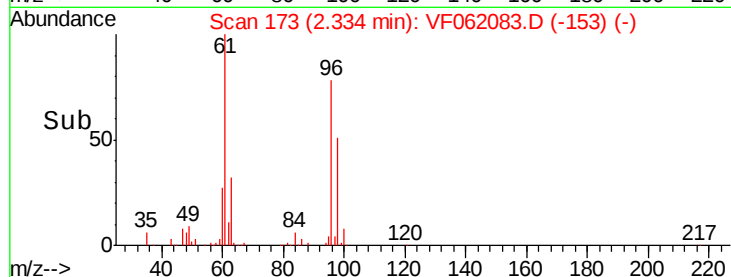
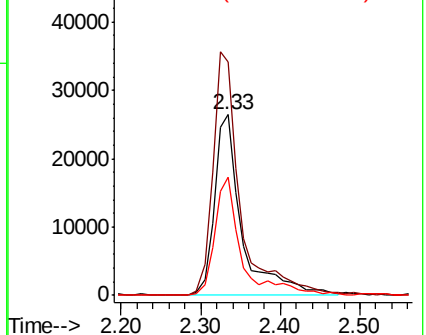
98 65.4 51.2 76.8



Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#22

Diisopropyl ether

Concen: 22.816 ug/l

RT: 2.83 min Scan# 223

Delta R.T. -0.00 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Tgt Ion: 45 Resp: 178694

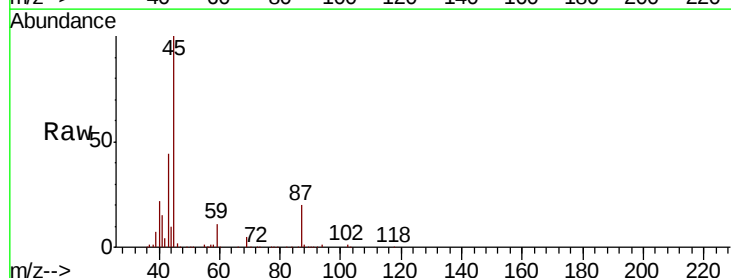
Ion Ratio Lower Upper

45 100

43 43.6 32.5 48.7

87 19.6 17.4 26.2

59 11.0 8.6 12.8

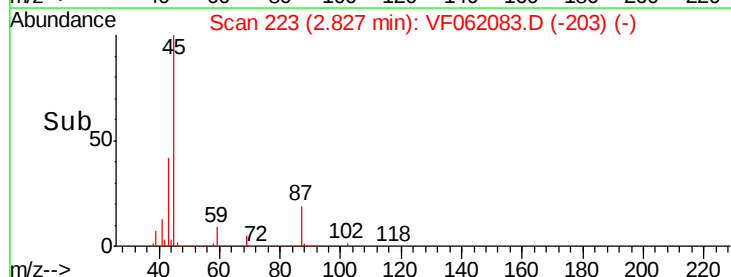
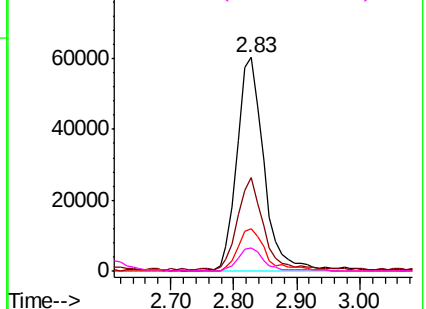


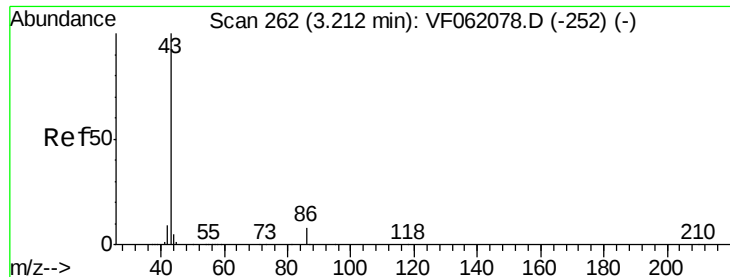
Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0





#23

Vinyl Acetate

Concen: 128.544 ug/l

RT: 3.21 min Scan# 262

Delta R.T. -0.00 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

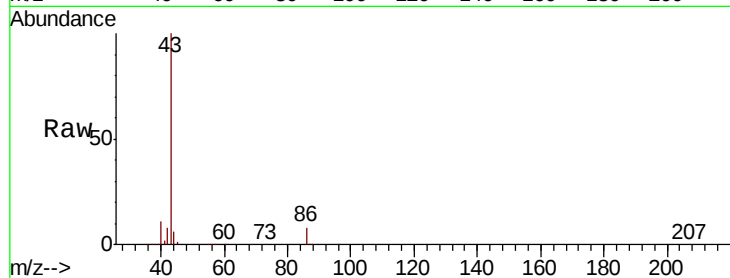
VF0322SBS01

Tot Ion: 43 Resp: 412203

Ion Ratio Lower Upper

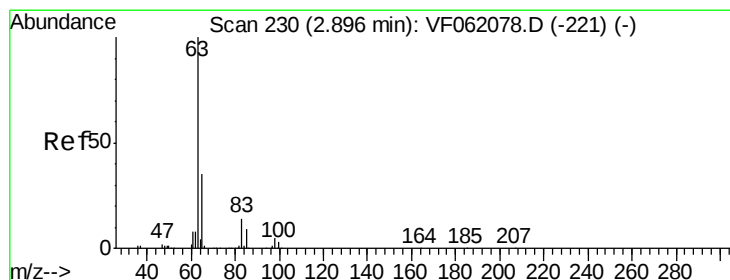
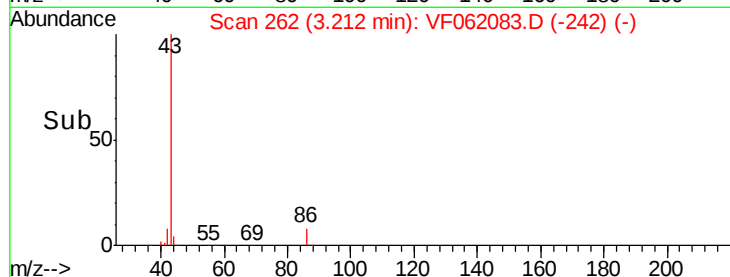
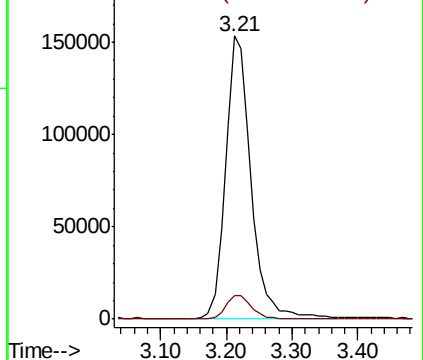
43 100

86 8.1 6.8 10.2



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0



#24

1,1-Dichloroethane

Concen: 20.814 ug/l

RT: 2.90 min Scan# 230

Delta R.T. -0.00 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

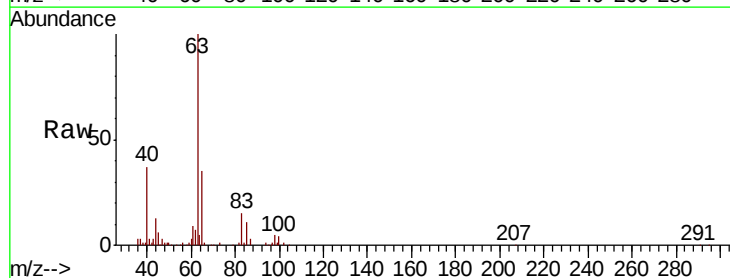
Tgt Ion: 63 Resp: 97758

Ion Ratio Lower Upper

63 100

98 4.9 2.7 8.1

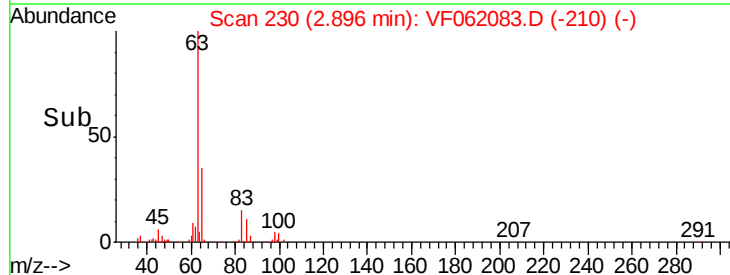
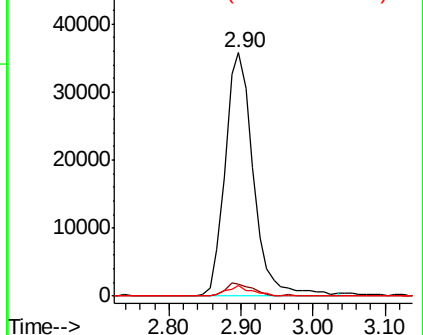
100 4.2 1.7 5.1

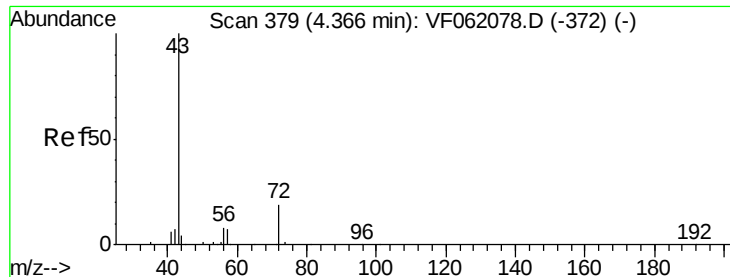


Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#25

2-Butanone

Concen: 112.361 ug/l

RT: 4.37 min Scan# 379

Delta R.T. -0.00 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

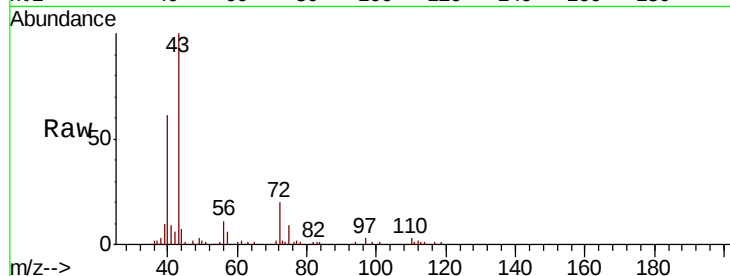
VF0322SBS01

Tot Ion: 43 Resp: 106589

Ion Ratio Lower Upper

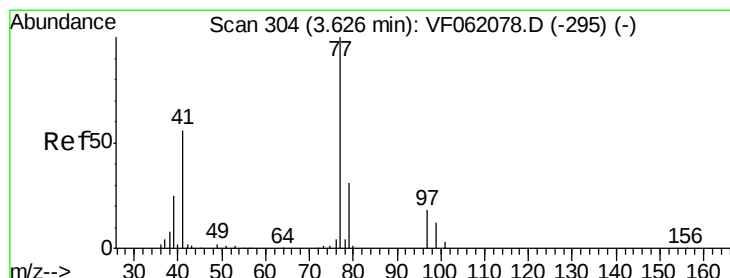
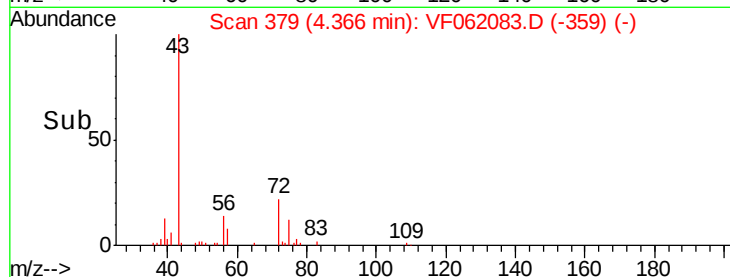
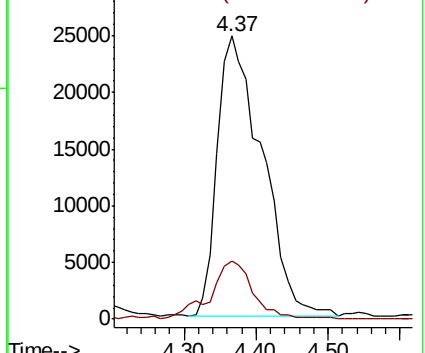
43 100

72 20.3 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 72.00 (71.70 to 72.70): VF0



#26

2,2-Dichloropropane

Concen: 22.846 ug/l

RT: 3.63 min Scan# 304

Delta R.T. -0.00 min

Lab File: VF062083.D

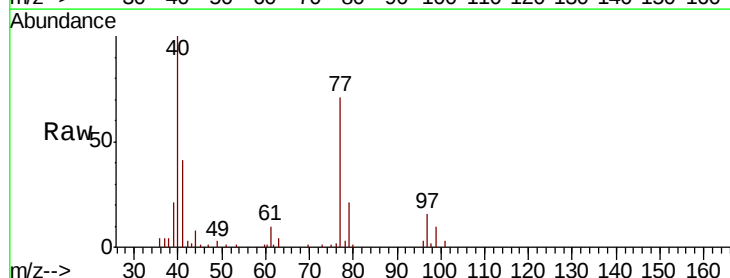
Acq: 22 Mar 2019 15:27

Tgt Ion: 77 Resp: 43506

Ion Ratio Lower Upper

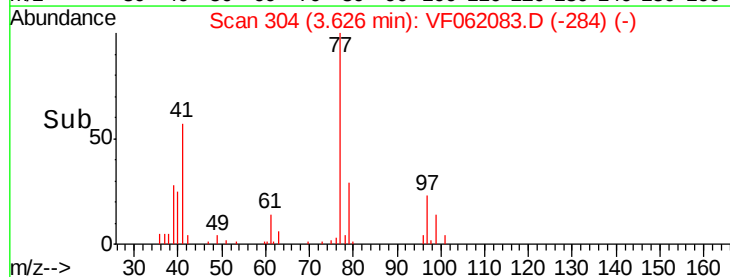
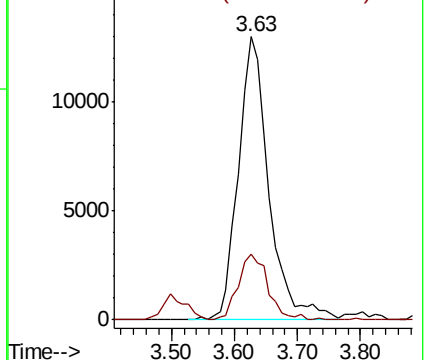
77 100

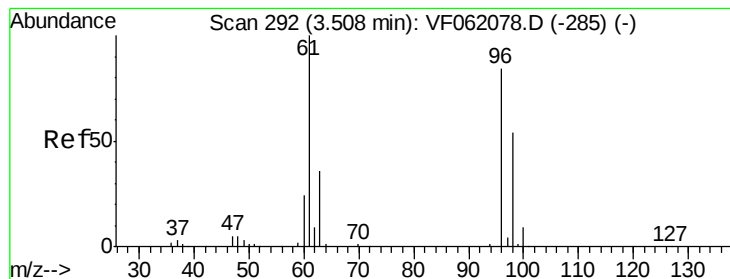
97 23.1 10.3 30.9



Abundance Ion 77.00 (76.70 to 77.70): VF0

Ion 97.00 (96.70 to 97.70): VF0



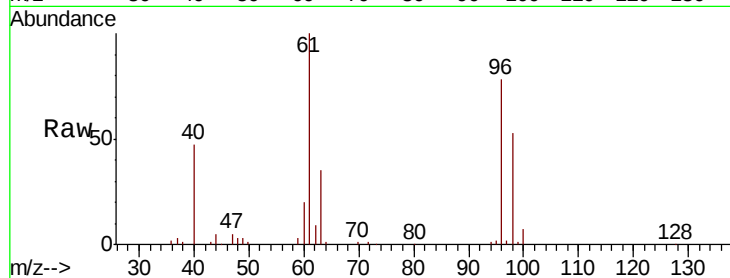


#27

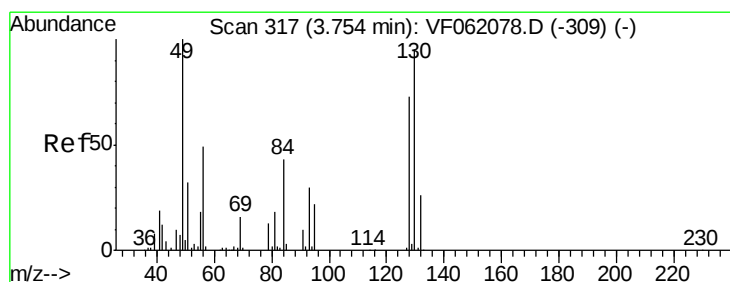
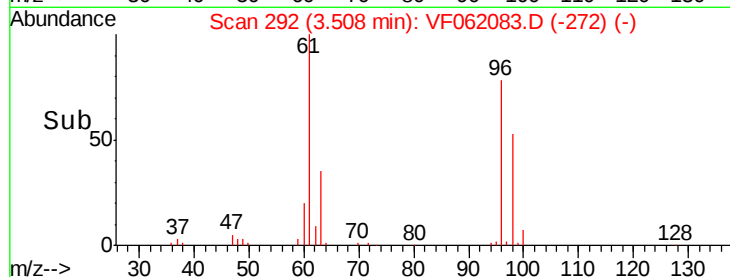
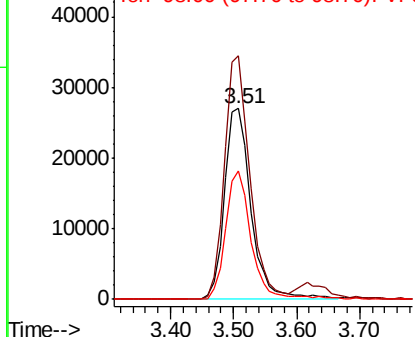
cis-1,2-Dichloroethene  
 Concen: 22.112 ug/l  
 RT: 3.51 min Scan# 292  
 Delta R.T. -0.00 min  
 Lab File: VF062083.D  
 Acq: 22 Mar 2019 15:27

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0322SBS01

Tot Ion: 96 Resp: 78881  
 Ion Ratio Lower Upper  
 96 100  
 61 127.6 0.0 239.0  
 98 67.1 0.0 128.2



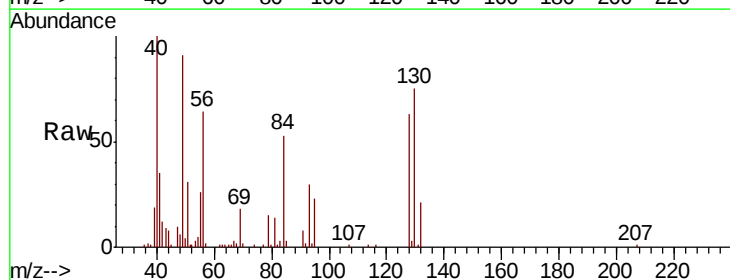
Abundance Ion 96.00 (95.70 to 96.70): VF0  
 Ion 61.00 (60.70 to 61.70): VF0  
 Ion 98.00 (97.70 to 98.70): VF0



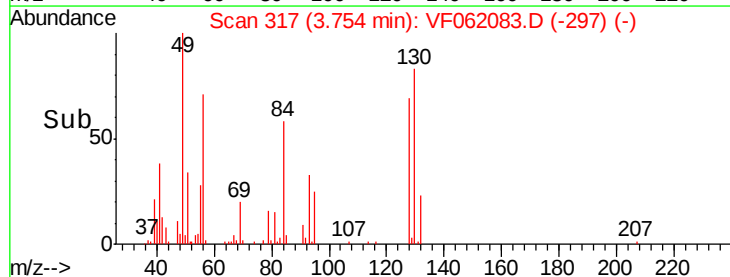
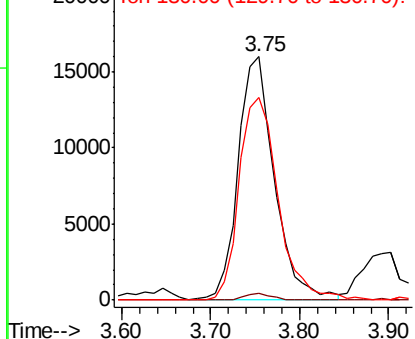
#28

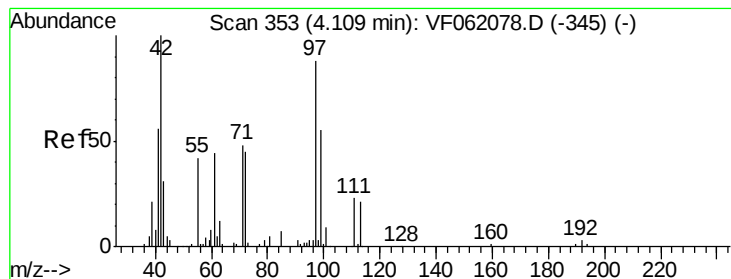
Bromochloromethane  
 Concen: 23.666 ug/l  
 RT: 3.75 min Scan# 317  
 Delta R.T. -0.00 min  
 Lab File: VF062083.D  
 Acq: 22 Mar 2019 15:27

Tgt Ion: 49 Resp: 45414  
 Ion Ratio Lower Upper  
 49 100  
 129 2.8 0.0 5.6  
 130 83.1 75.5 113.3



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





#29

Tetrahydrofuran

Concen: 114.108 ug/l

RT: 4.11 min Scan# 353

Delta R.T. -0.00 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

VF0322SBS01

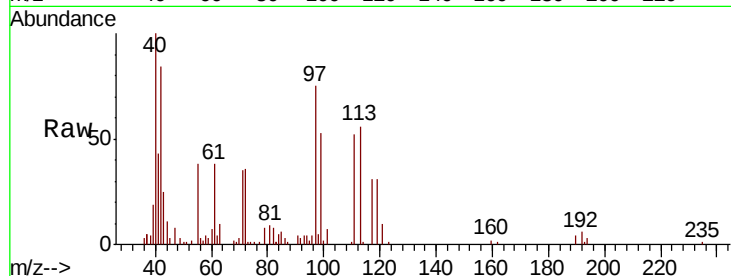
Tot Ion: 42 Resp: 47064

Ion Ratio Lower Upper

42 100

72 41.4 33.3 49.9

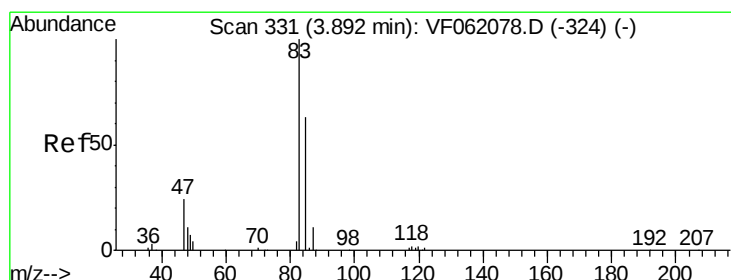
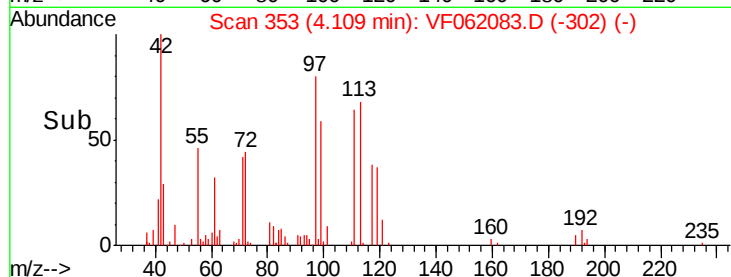
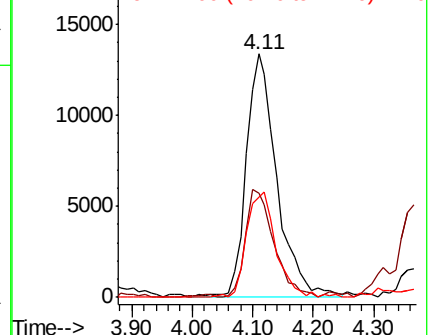
71 41.7 35.0 52.4



Abundance Ion 42.00 (41.70 to 42.70): VF0

Ion 72.00 (71.70 to 72.70): VF0

Ion 71.00 (70.70 to 71.70): VF0



#30

Chloroform

Concen: 22.535 ug/l

RT: 3.89 min Scan# 331

Delta R.T. -0.00 min

Lab File: VF062083.D

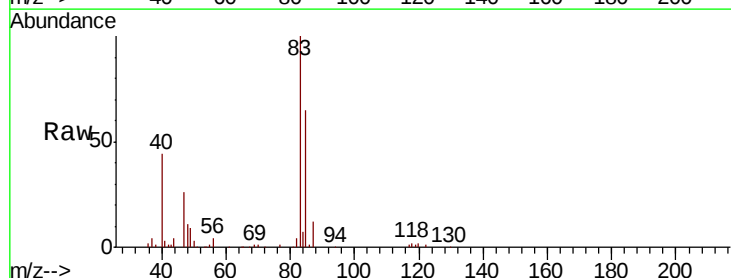
Acq: 22 Mar 2019 15:27

Tgt Ion: 83 Resp: 111854

Ion Ratio Lower Upper

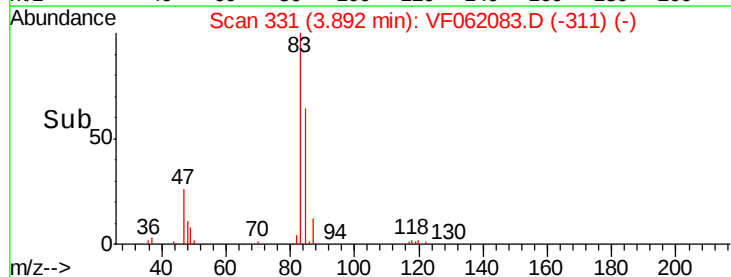
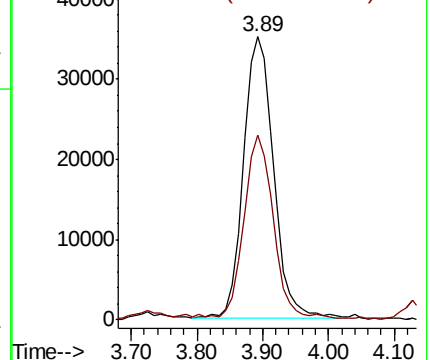
83 100

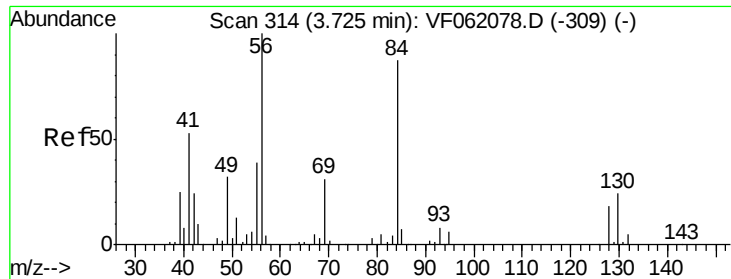
85 65.3 51.5 77.3



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

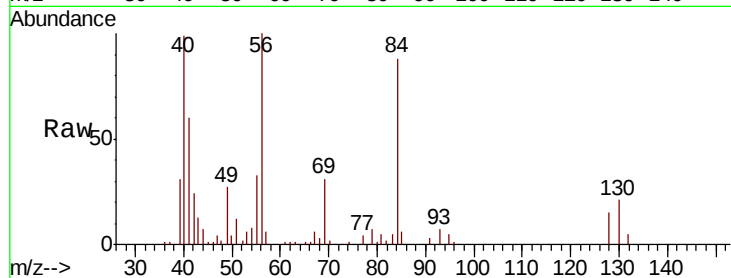




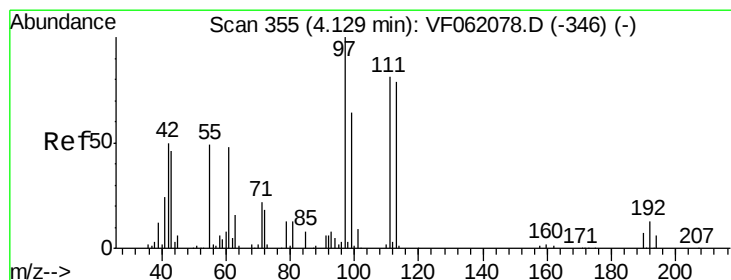
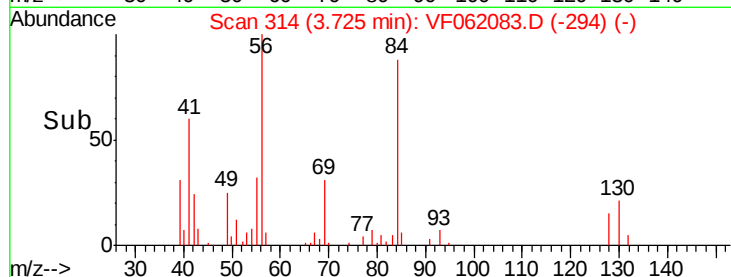
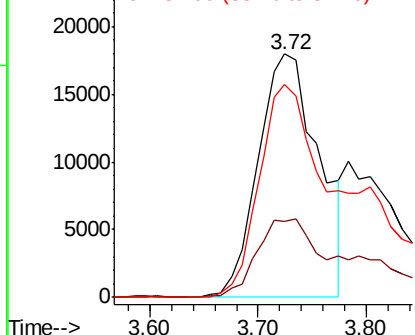
#31  
Cyclohexane  
Concen: 14.325 ug/l  
RT: 3.72 min Scan# 314  
Delta R.T. -0.00 min  
Lab File: VF062083.D  
Acq: 22 Mar 2019 15:27

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0322SBS01

Tot Ion: 56 Resp: 70269  
Ion Ratio Lower Upper  
56 100  
69 31.4 25.9 38.9  
84 87.5 71.1 106.7

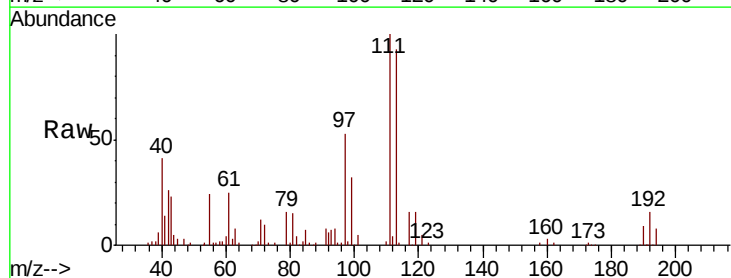


Abundance Ion 56.00 (55.70 to 56.70): VF0  
Ion 69.00 (68.70 to 69.70): VF0  
Ion 84.00 (83.70 to 84.70): VF0

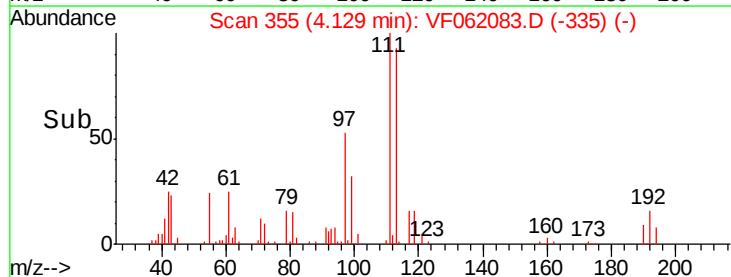
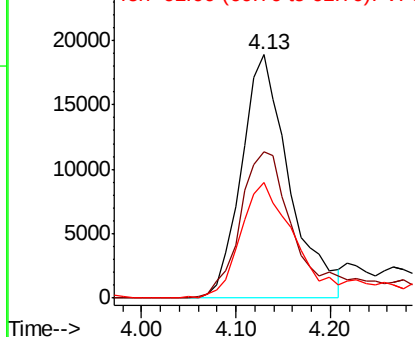


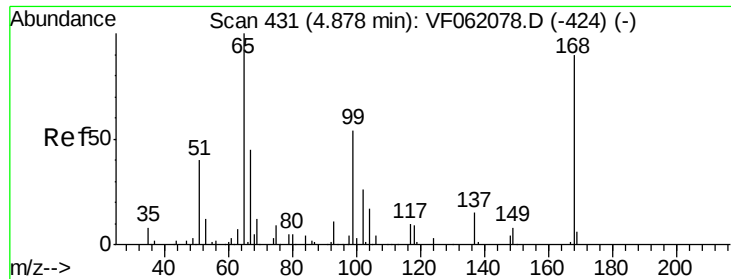
#32  
1,1,1-Trichloroethane  
Concen: 22.006 ug/l  
RT: 4.13 min Scan# 355  
Delta R.T. -0.00 min  
Lab File: VF062083.D  
Acq: 22 Mar 2019 15:27

Tgt Ion: 97 Resp: 66446  
Ion Ratio Lower Upper  
97 100  
99 60.0 51.3 76.9  
61 47.3 39.0 58.6



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

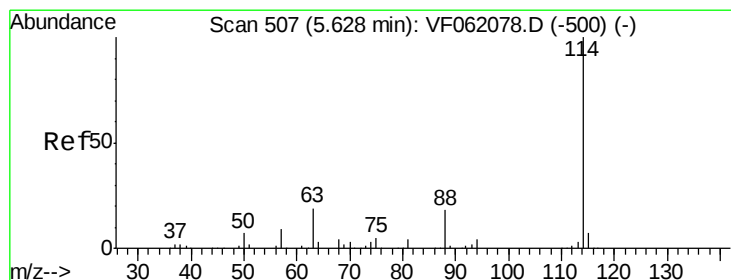
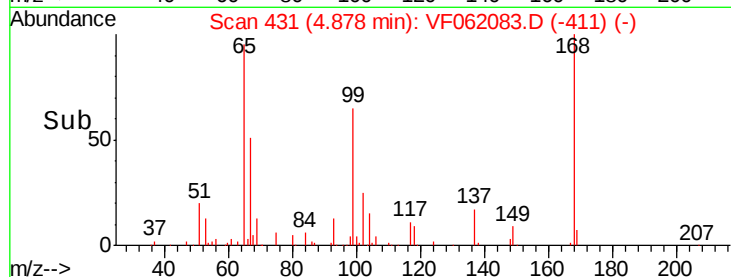
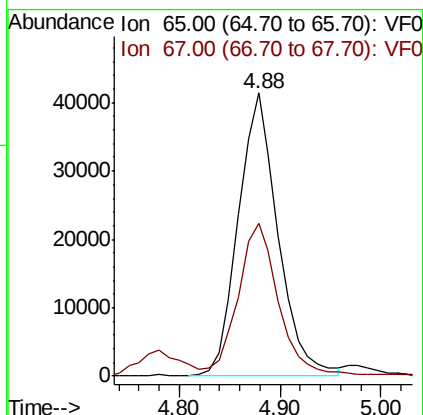
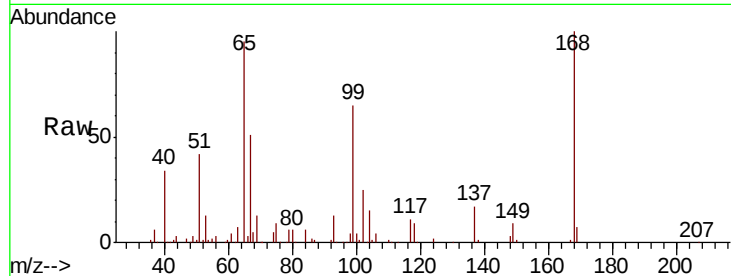




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.627 ug/l  
 RT: 4.88 min Scan# 431  
 Delta R.T. -0.00 min  
 Lab File: VF062083.D  
 Acq: 22 Mar 2019 15:27

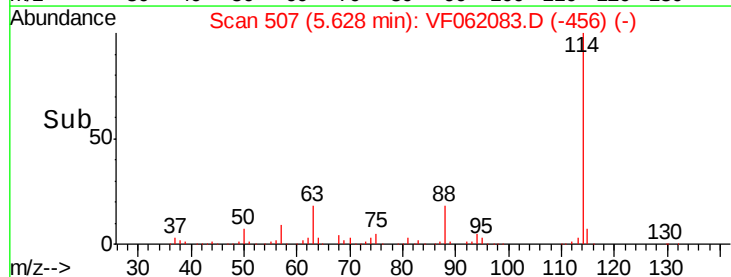
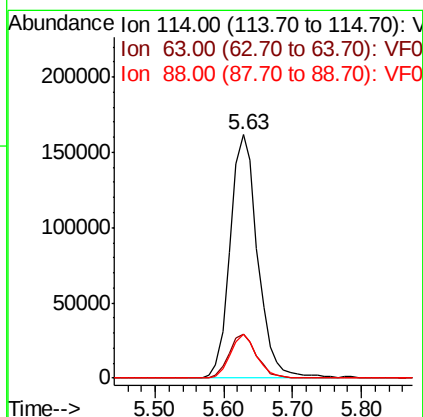
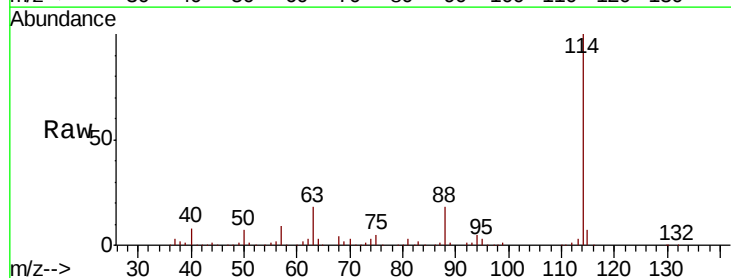
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0322SBS01

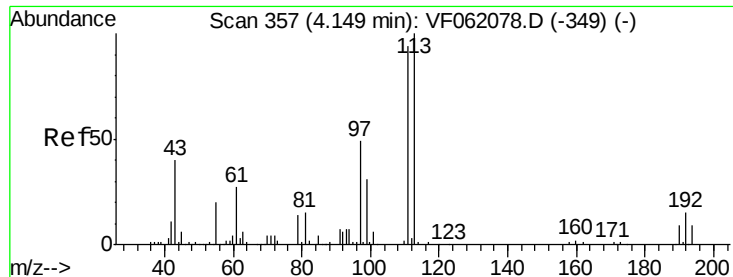
Tot Ion: 65 Resp: 113625  
 Ion Ratio Lower Upper  
 65 100  
 67 54.1 0.0 106.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 5.63 min Scan# 507  
 Delta R.T. -0.00 min  
 Lab File: VF062083.D  
 Acq: 22 Mar 2019 15:27

Tgt Ion: 114 Resp: 448575  
 Ion Ratio Lower Upper  
 114 100  
 63 18.2 0.0 37.8  
 88 17.8 0.0 36.4

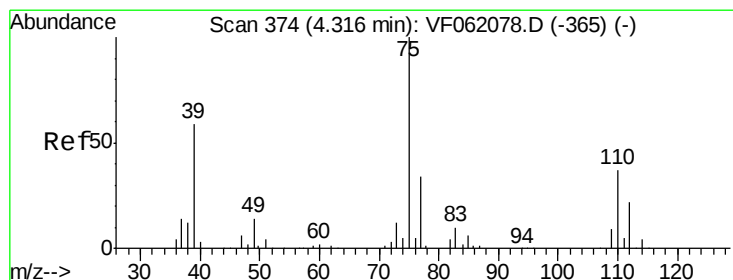
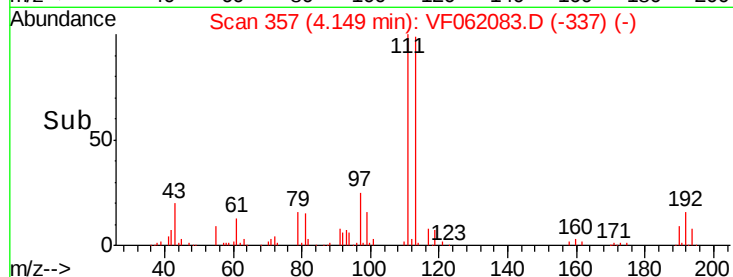
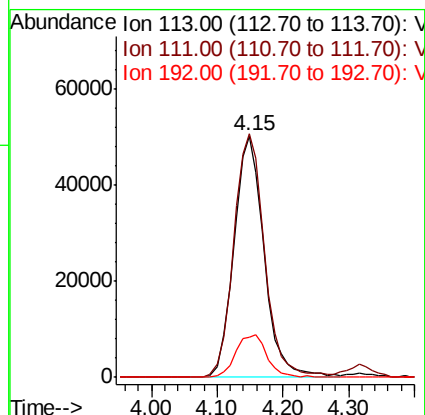
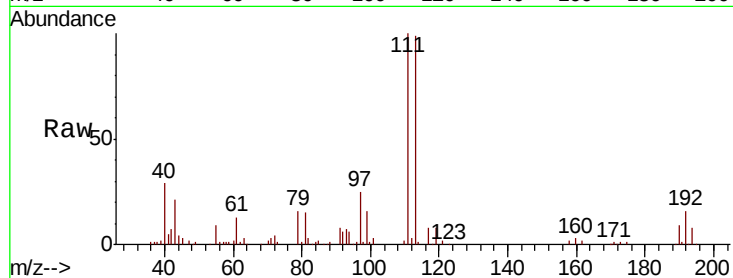




#35  
 Dibromofluoromethane  
 Concen: 53.221 ug/l  
 RT: 4.15 min Scan# 357  
 Delta R.T. -0.00 min  
 Lab File: VF062083.D  
 Acq: 22 Mar 2019 15:27

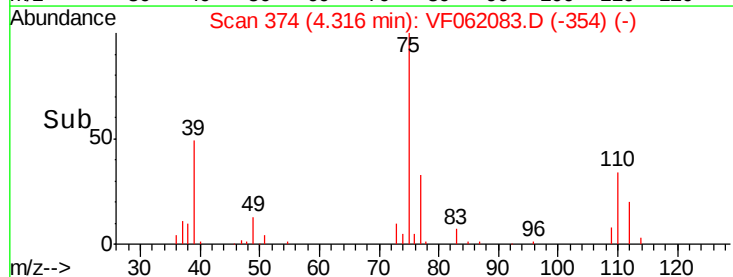
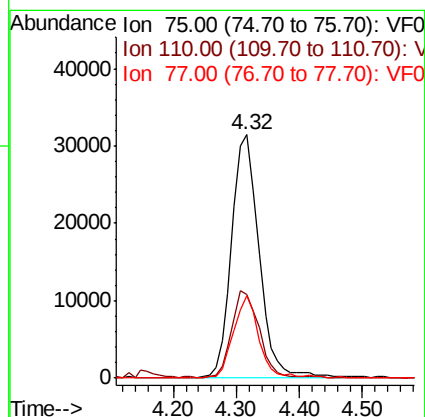
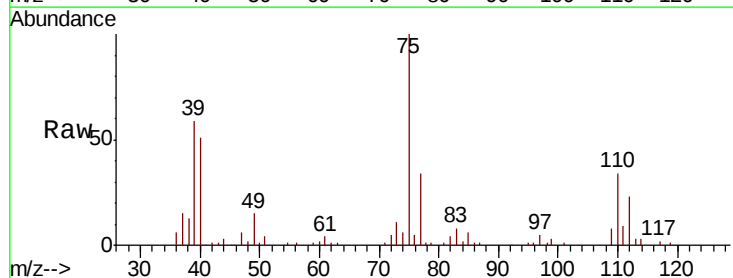
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0322SBS01

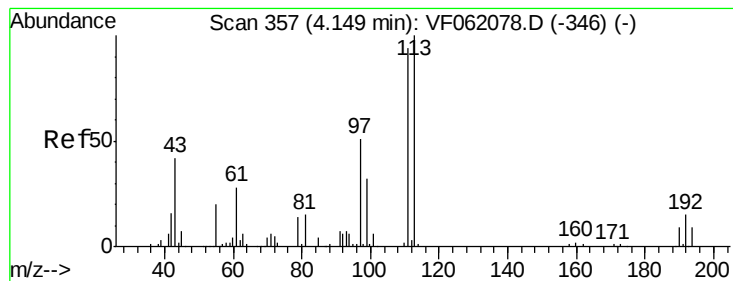
Tot Ion:113 Resp: 161494  
 Ion Ratio Lower Upper  
 113 100  
 111 100.9 75.4 113.0  
 192 16.9 12.3 18.5



#36  
 1,1-Dichloropropene  
 Concen: 22.314 ug/l  
 RT: 4.32 min Scan# 374  
 Delta R.T. -0.00 min  
 Lab File: VF062083.D  
 Acq: 22 Mar 2019 15:27

Tgt Ion: 75 Resp: 95341  
 Ion Ratio Lower Upper  
 75 100  
 110 34.4 18.5 55.5  
 77 33.6 27.4 41.0





#37

Ethyl Acetate

Concen: 21.060 ug/l

RT: 4.15 min Scan# 357

Delta R.T. -0.00 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

VF0322SBS01

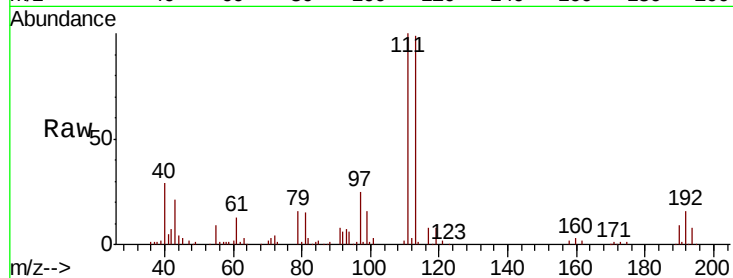
Tot Ion: 43 Resp: 39325

Ion Ratio Lower Upper

43 100

61 61.0 53.6 80.4

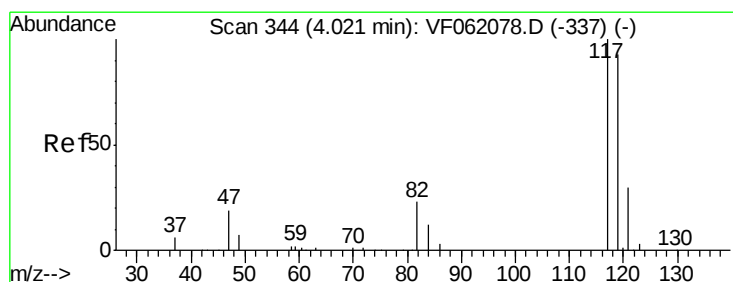
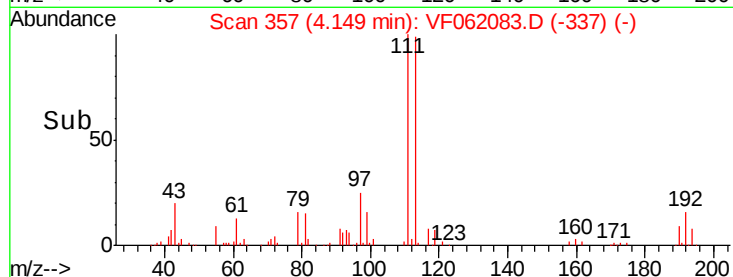
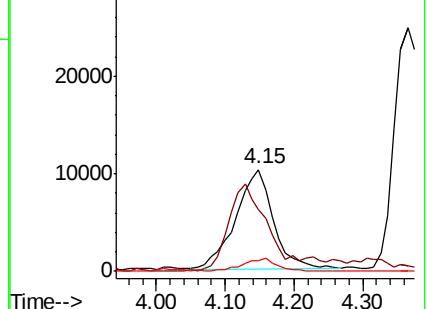
70 10.5 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0



#38

Carbon Tetrachloride

Concen: 22.080 ug/l

RT: 4.02 min Scan# 344

Delta R.T. -0.00 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

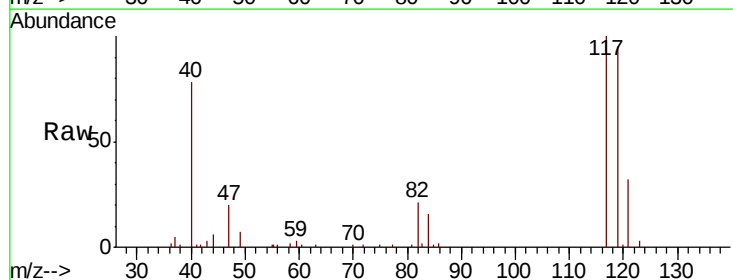
Tgt Ion: 117 Resp: 64300

Ion Ratio Lower Upper

117 100

119 94.9 74.7 112.1

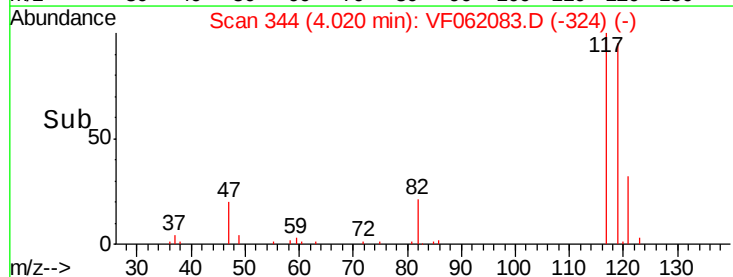
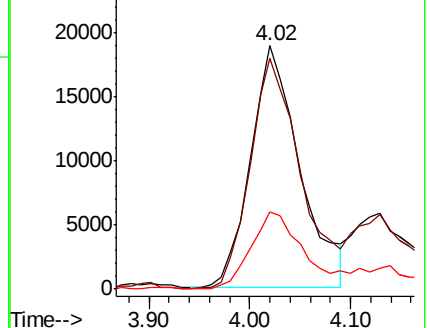
121 31.9 23.6 35.4

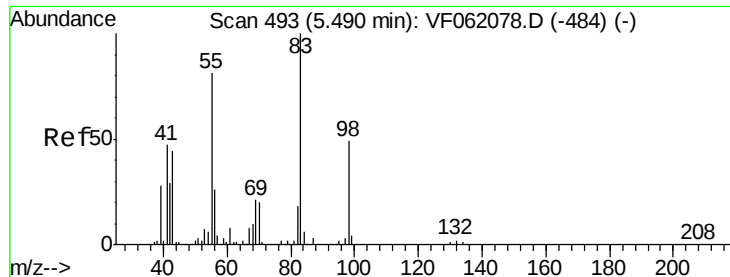


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V

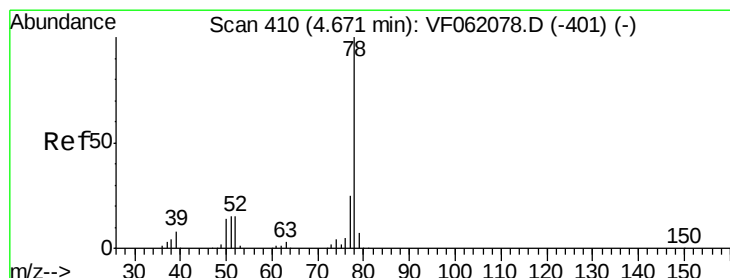
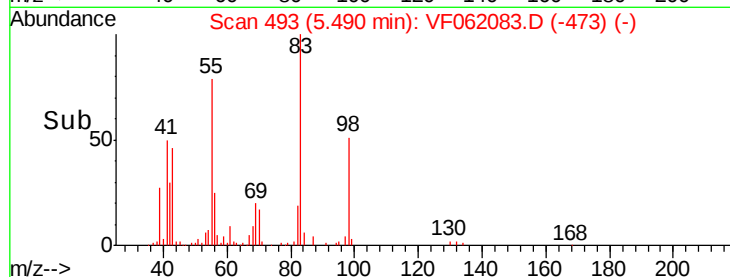
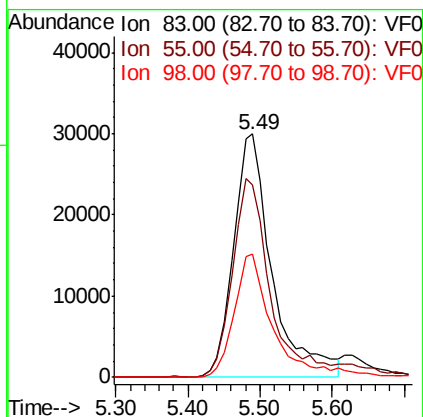
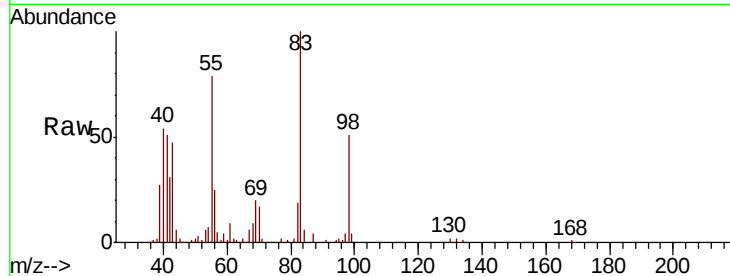




#39  
Methylvlcyclohexane  
Concen: 22.532 ug/l  
RT: 5.49 min Scan# 493  
Delta R.T. -0.00 min  
Lab File: VF062083.D  
Acq: 22 Mar 2019 15:27

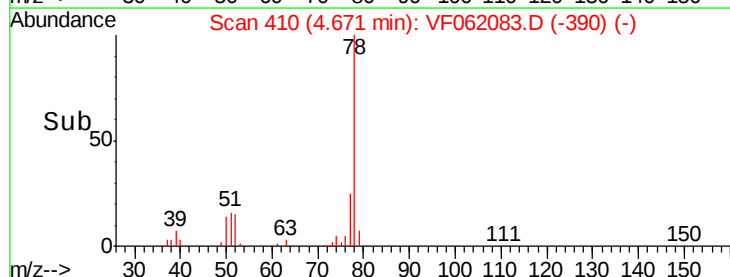
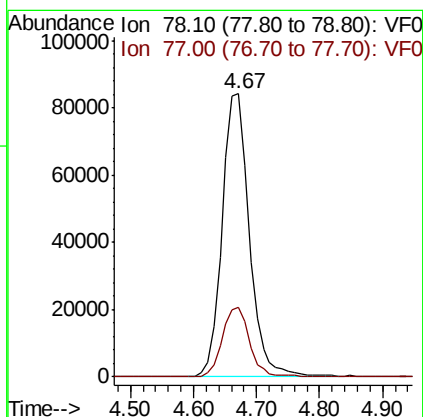
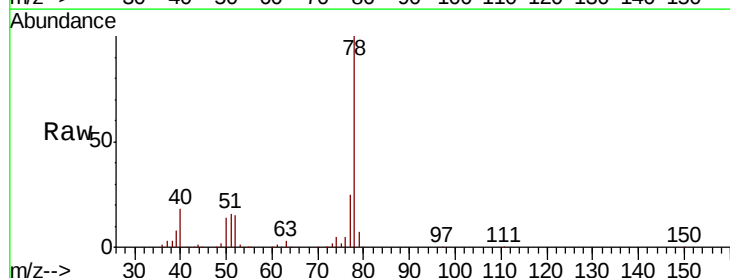
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0322SBS01

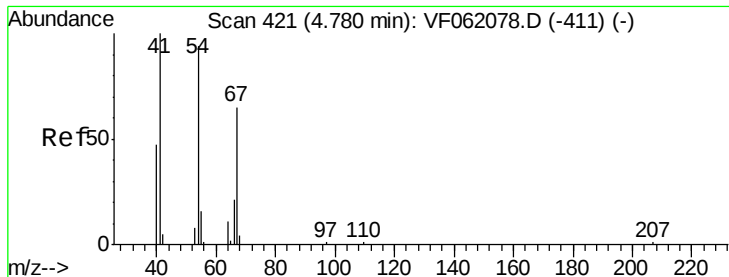
Tot Ion: 83 Resp: 111734  
Ion Ratio Lower Upper  
83 100  
55 78.8 64.5 96.7  
98 50.7 39.1 58.7



#40  
Benzene  
Concen: 22.065 ug/l  
RT: 4.67 min Scan# 410  
Delta R.T. -0.00 min  
Lab File: VF062083.D  
Acq: 22 Mar 2019 15:27

Tgt Ion: 78 Resp: 252739  
Ion Ratio Lower Upper  
78 100  
77 24.7 19.8 29.6

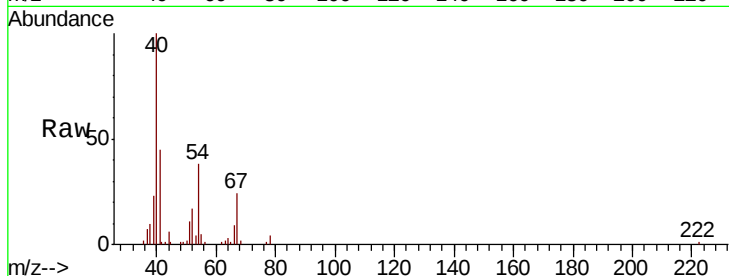




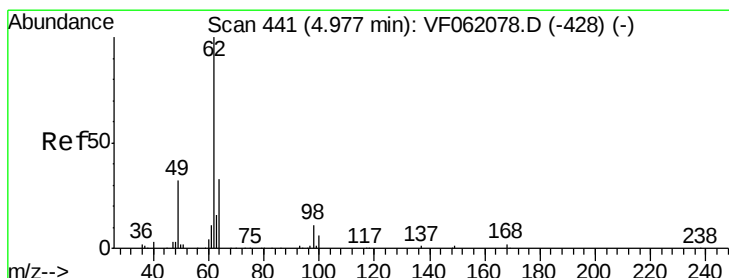
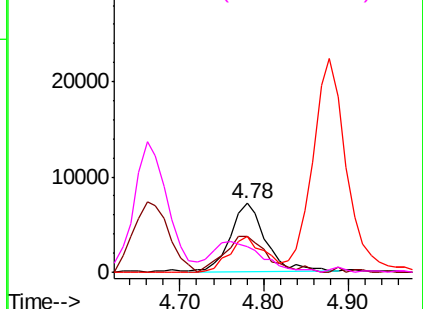
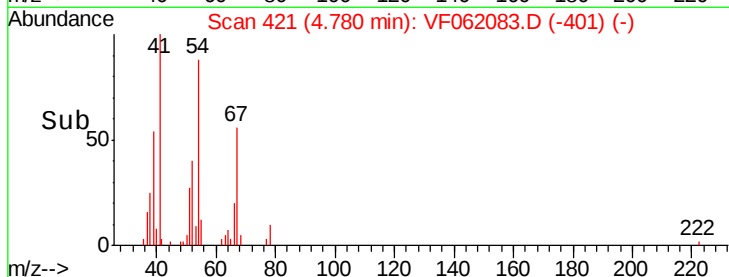
#41  
Methacrylonitrile  
Concen: 21.280 ug/l  
RT: 4.78 min Scan# 421  
Delta R.T. -0.00 min  
Lab File: VF062083.D  
Acq: 22 Mar 2019 15:27

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0322SBS01

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 21025 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 51.3  | 43.5  | 65.3  |
| 67       | 53.1  | 51.6  | 77.4  |
| 52       | 37.9  | 36.5  | 54.7  |

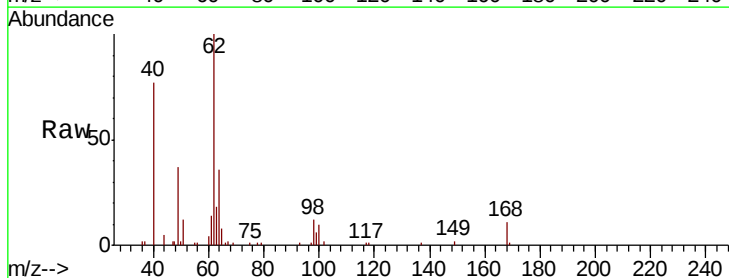


Abundance Ion 41.00 (40.70 to 41.70): VF0  
Ion 39.00 (38.70 to 39.70): VF0  
Ion 67.00 (66.70 to 67.70): VF0  
Ion 52.00 (51.70 to 52.70): VF0

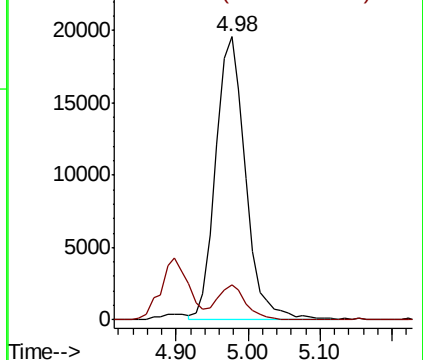
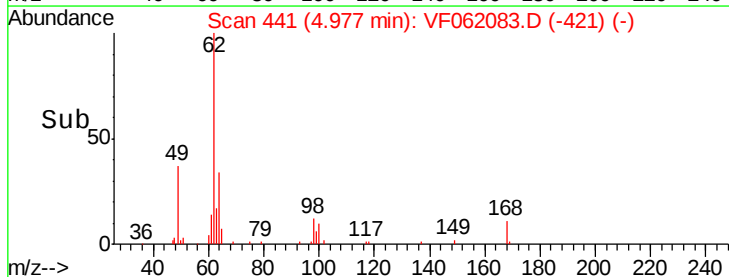


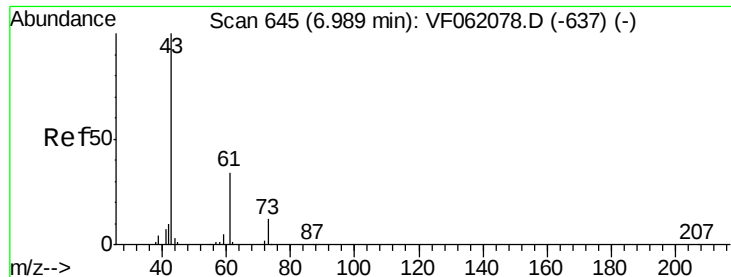
#42  
1,2-Dichloroethane  
Concen: 20.685 ug/l  
RT: 4.98 min Scan# 441  
Delta R.T. -0.00 min  
Lab File: VF062083.D  
Acq: 22 Mar 2019 15:27

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 56028 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 12.3  | 0.0   | 23.2  |



Abundance Ion 62.00 (61.70 to 62.70): VF0  
Ion 98.00 (97.70 to 98.70): VF0



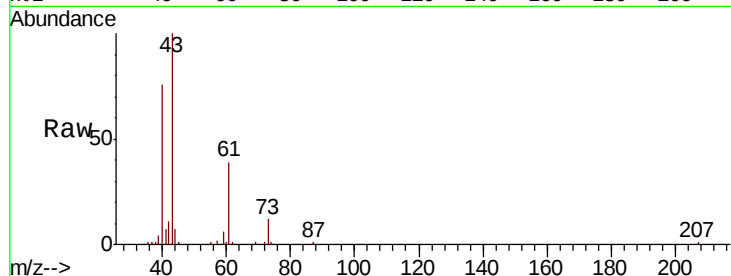


#43

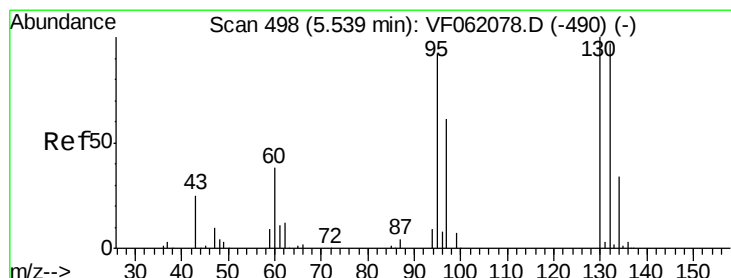
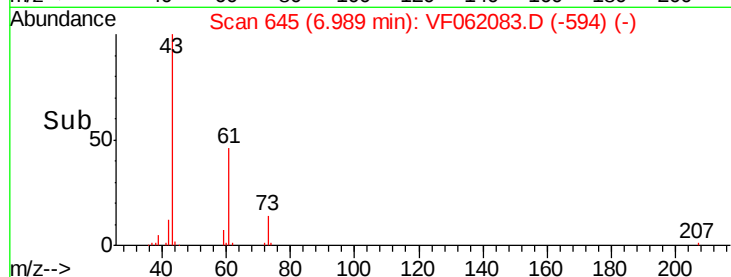
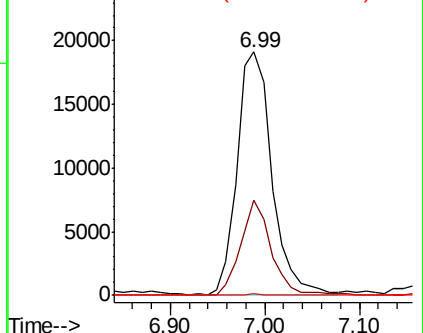
Isopropyl Acetate  
 Concen: 21.620 ug/l  
 RT: 6.99 min Scan# 645  
 Delta R.T. -0.00 min  
 Lab File: VF062083.D  
 Acq: 22 Mar 2019 15:27

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0322SBS01

Tot Ion: 43 Resp: 48890  
 Ion Ratio Lower Upper  
 43 100  
 61 38.8 27.0 40.4  
 87 0.7 0.4 0.6#



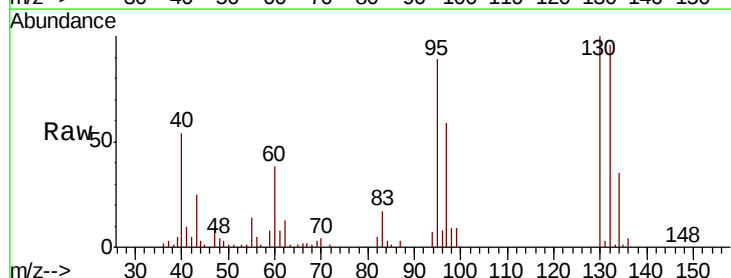
Abundance Ion 43.00 (42.70 to 43.70): VF0  
 Ion 61.00 (60.70 to 61.70): VF0  
 Ion 87.00 (86.70 to 87.70): VF0



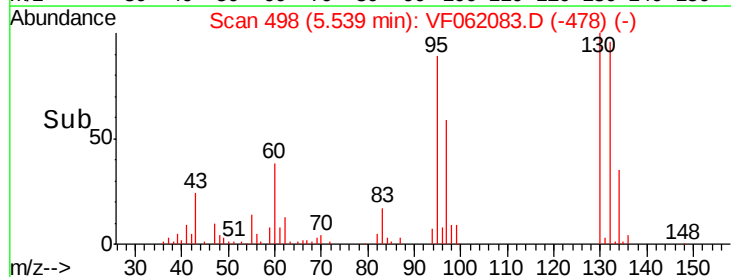
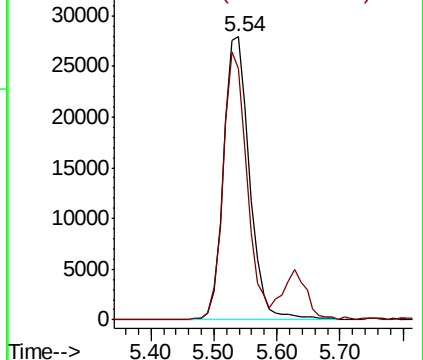
#44

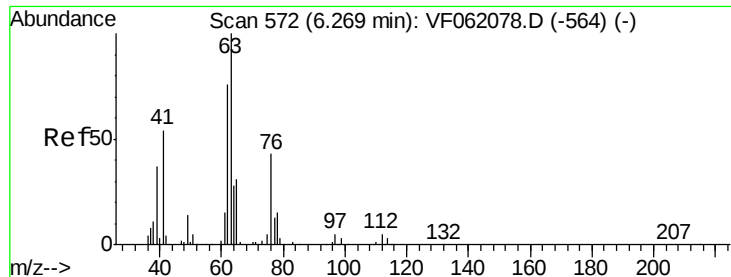
Trichloroethene  
 Concen: 22.641 ug/l  
 RT: 5.54 min Scan# 498  
 Delta R.T. -0.00 min  
 Lab File: VF062083.D  
 Acq: 22 Mar 2019 15:27

Tgt Ion: 130 Resp: 79288  
 Ion Ratio Lower Upper  
 130 100  
 95 88.9 0.0 183.4



Abundance Ion 129.90 (129.60 to 130.60): V  
 Ion 94.90 (94.60 to 95.60): VF0





#45

1,2-Dichloropropane

Concen: 21.730 ug/l

RT: 6.26 min Scan# 571

Delta R.T. -0.01 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

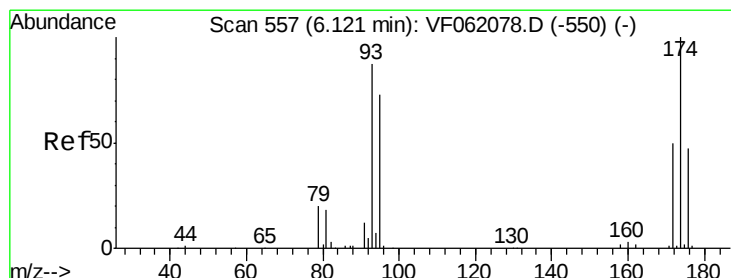
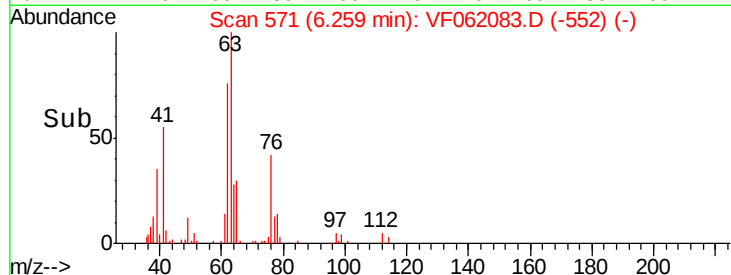
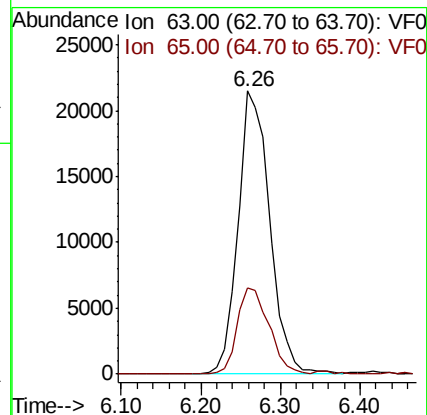
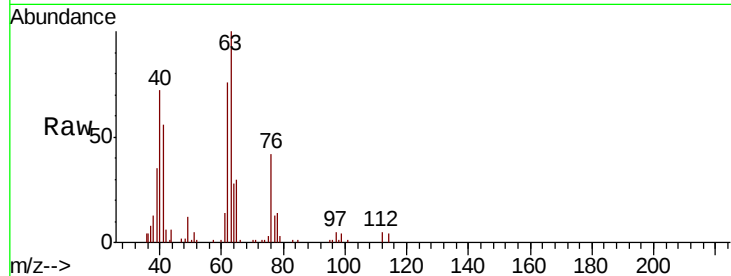
VF0322SBS01

Tot Ion: 63 Resp: 59365

Ion Ratio Lower Upper

63 100

65 30.3 24.9 37.3



#46

Dibromomethane

Concen: 21.886 ug/l

RT: 6.11 min Scan# 556

Delta R.T. -0.01 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

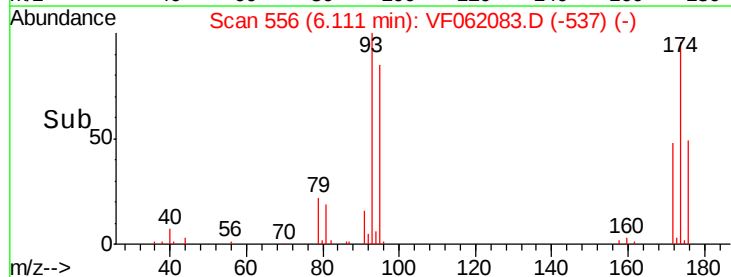
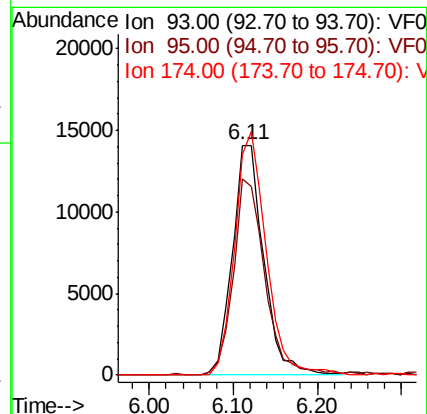
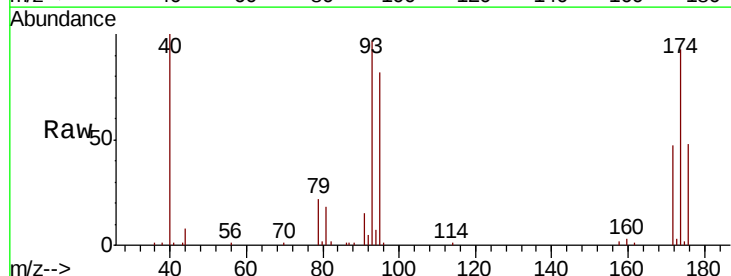
Tgt Ion: 93 Resp: 36558

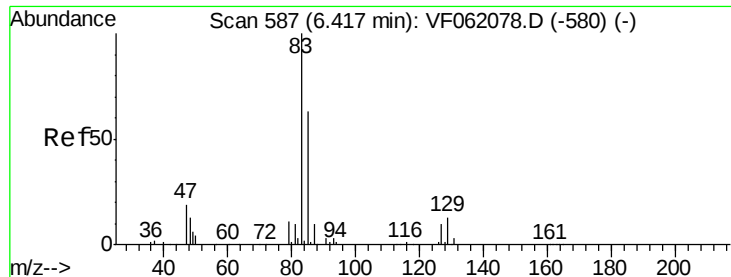
Ion Ratio Lower Upper

93 100

95 85.1 67.4 101.2

174 95.8 92.0 138.0





#47

Bromodichloromethane

Concen: 21.059 ug/l

RT: 6.42 min Scan# 587

Delta R.T. -0.00 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

VF0322SBS01

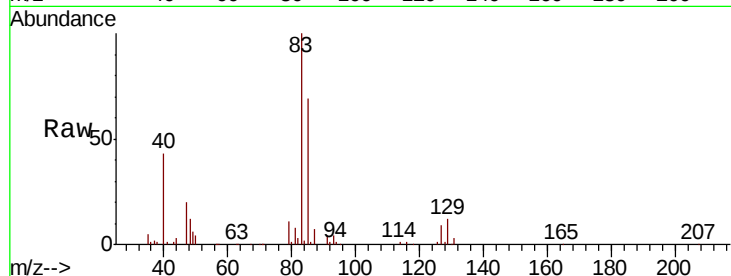
Tot Ion: 83 Resp: 77918

Ion Ratio Lower Upper

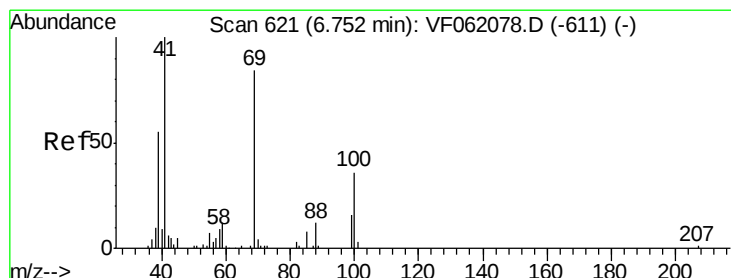
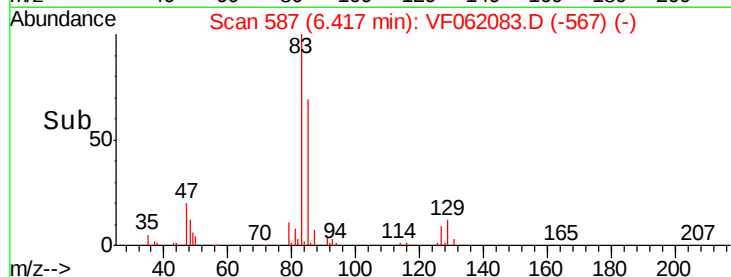
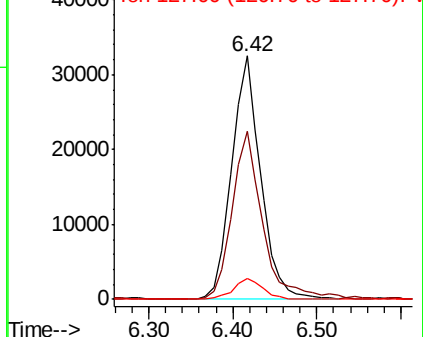
83 100

85 69.2 50.7 76.1

127 8.5 7.8 11.6



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



#48

Methyl methacrylate

Concen: 23.970 ug/l

RT: 6.75 min Scan# 621

Delta R.T. -0.00 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

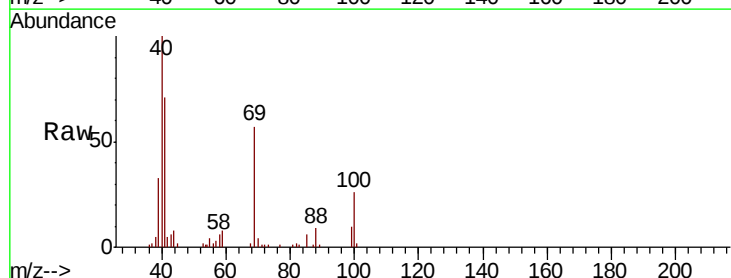
Tgt Ion: 41 Resp: 30863

Ion Ratio Lower Upper

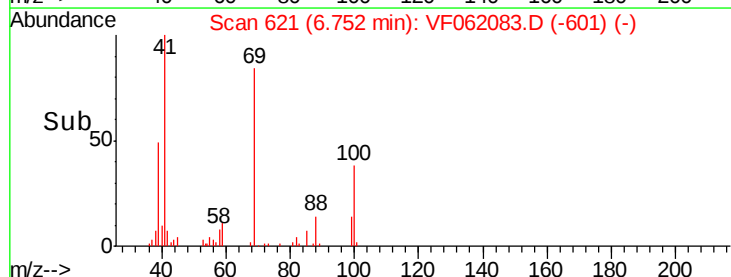
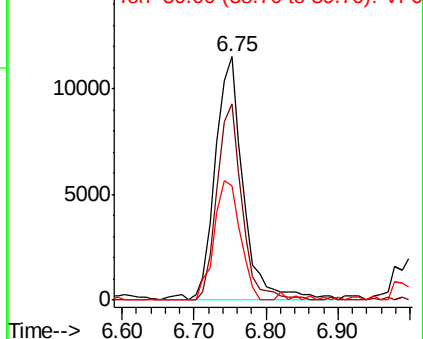
41 100

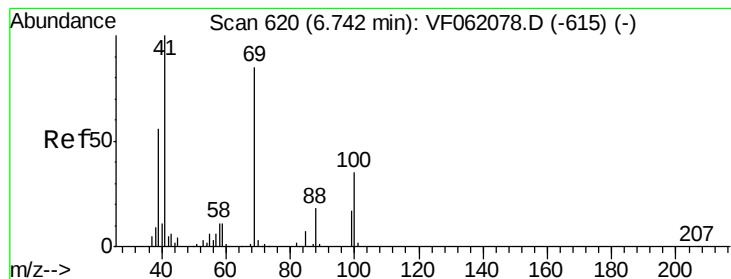
69 80.8 66.6 100.0

39 46.9 43.6 65.4



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





#49

1,4-Dioxane

Concen: 474.334 ug/l

RT: 6.74 min Scan# 620

Delta R.T. -0.00 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

VF0322SBS01

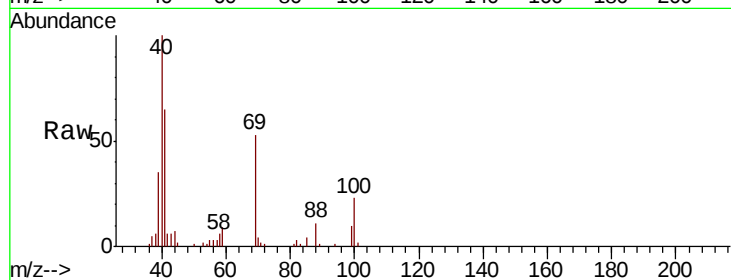
Tot Ion: 88 Resp: 5359

Ion Ratio Lower Upper

88 100

43 49.7 35.0 52.4

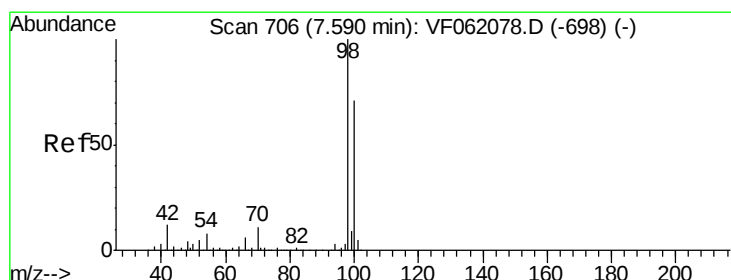
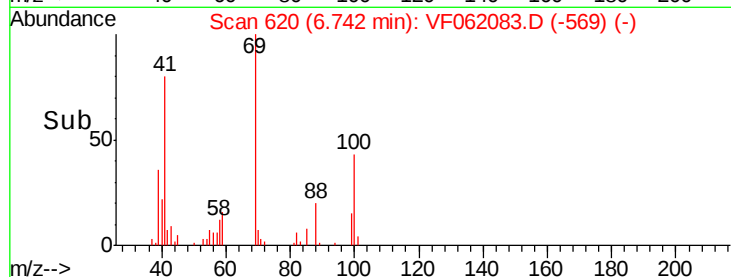
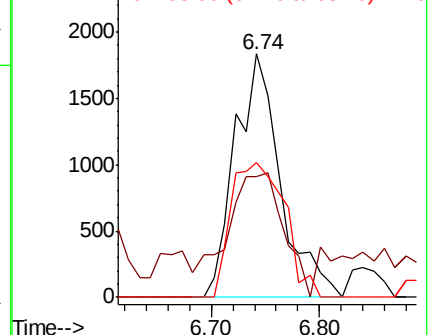
58 55.6 49.9 74.9



Abundance Ion 88.00 (87.70 to 88.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#50

Toluene-d8

Concen: 53.086 ug/l

RT: 7.58 min Scan# 705

Delta R.T. -0.01 min

Lab File: VF062083.D

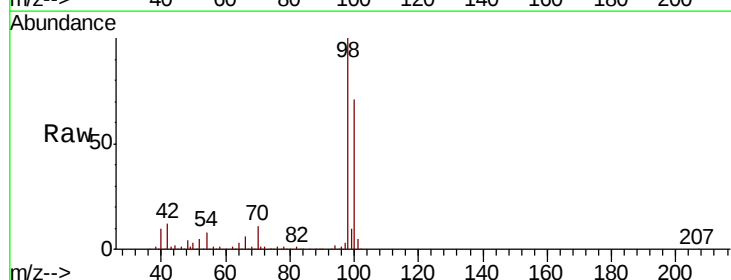
Acq: 22 Mar 2019 15:27

Tgt Ion: 98 Resp: 480847

Ion Ratio Lower Upper

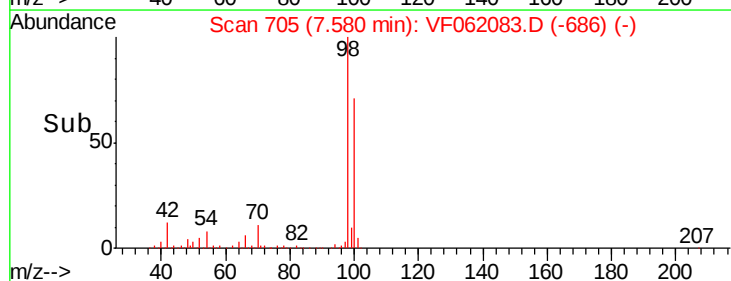
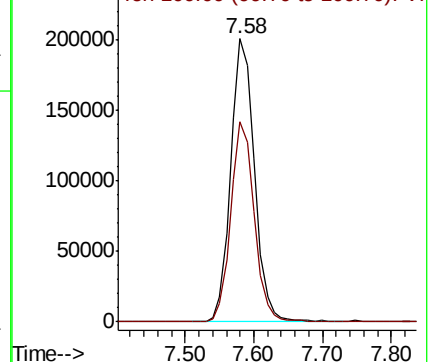
98 100

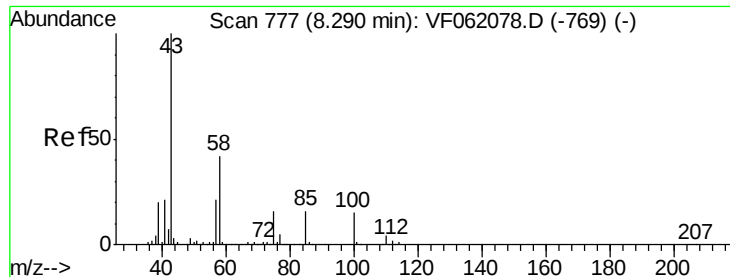
100 70.9 57.0 85.6



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: 109.450 ug/l

RT: 8.29 min Scan# 777

Delta R.T. -0.00 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

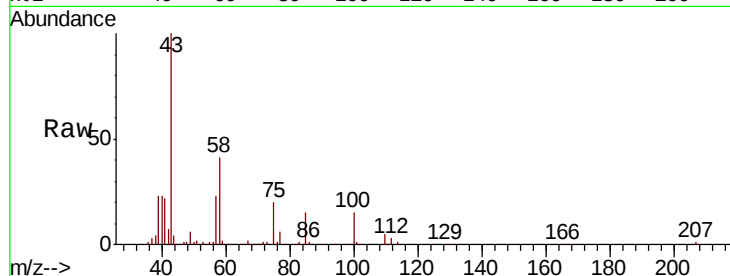
VF0322SBS01

Tot Ion: 43 Resp: 165660

Ion Ratio Lower Upper

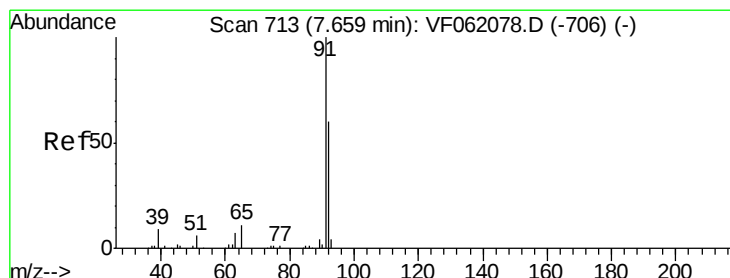
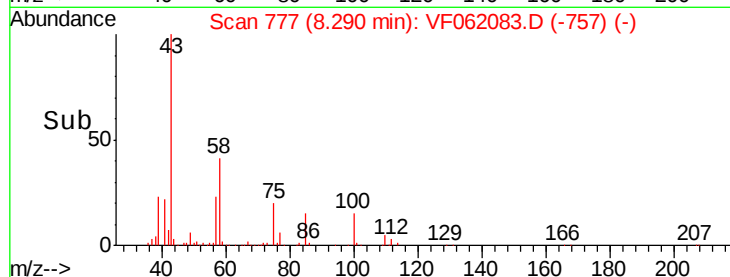
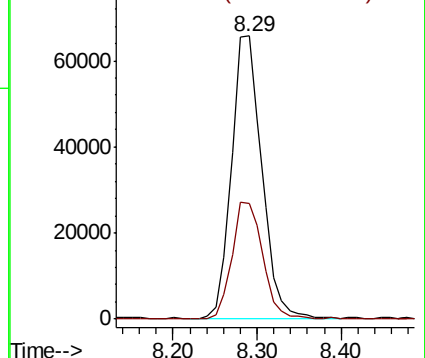
43 100

58 41.1 33.8 50.8



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#52

Toluene

Concen: 20.677 ug/l

RT: 7.65 min Scan# 712

Delta R.T. -0.01 min

Lab File: VF062083.D

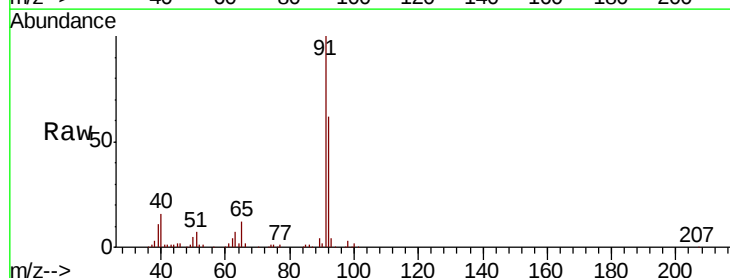
Acq: 22 Mar 2019 15:27

Tgt Ion: 92 Resp: 137179

Ion Ratio Lower Upper

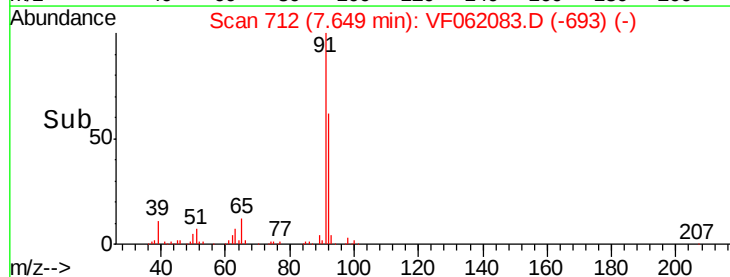
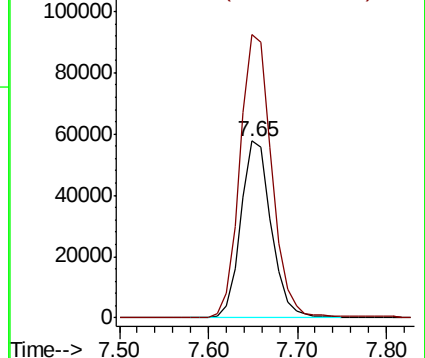
92 100

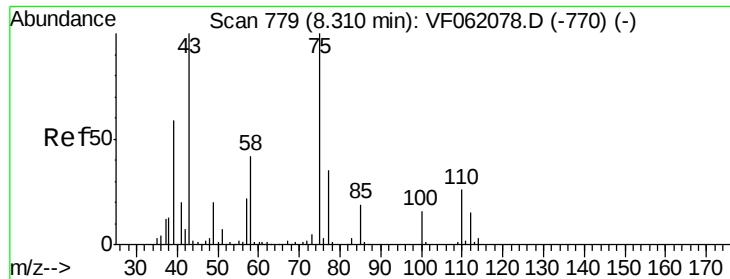
91 160.3 134.1 201.1



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

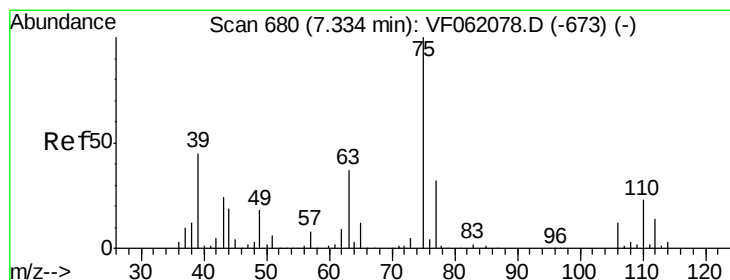
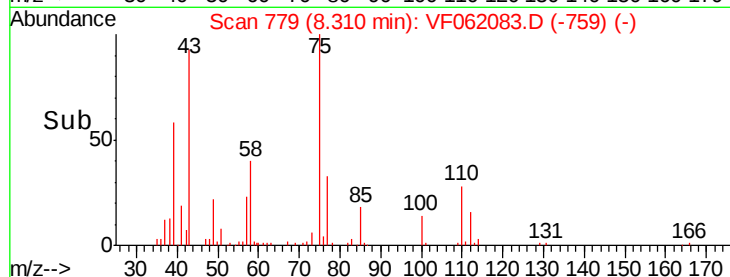
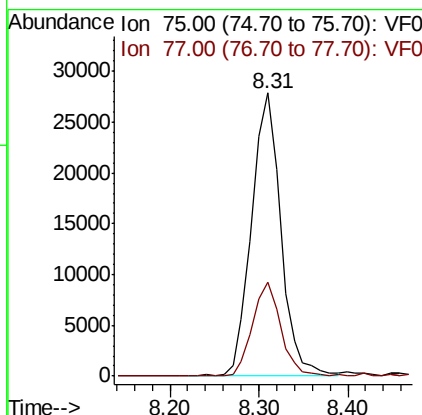
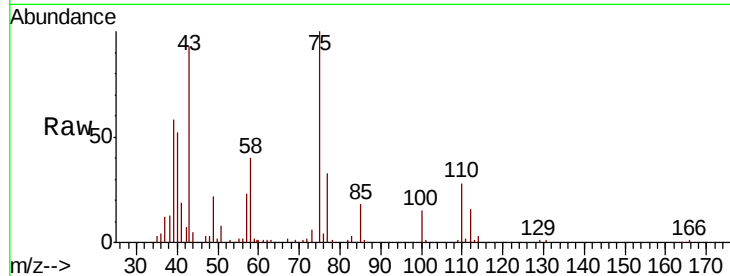




#53  
t-1,3-Dichloropropene  
Concen: 21.839 ug/l  
RT: 8.31 min Scan# 779  
Delta R.T. -0.00 min  
Lab File: VF062083.D  
Acq: 22 Mar 2019 15:27

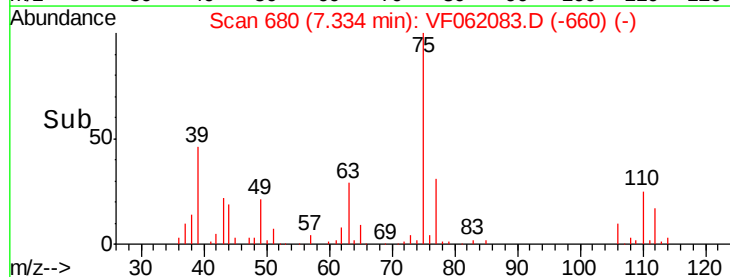
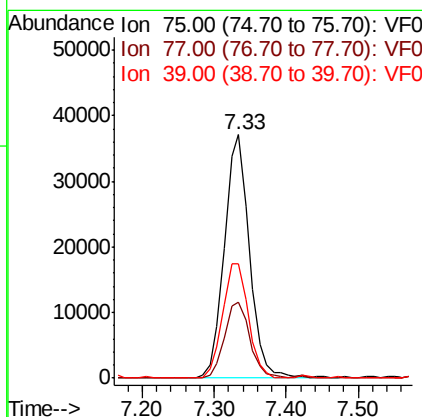
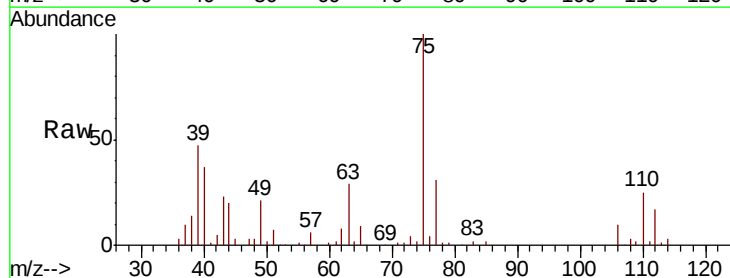
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0322SBS01

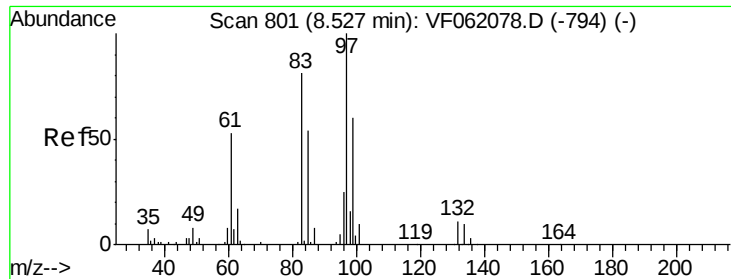
Tot Ion: 75 Resp: 63431  
Ion Ratio Lower Upper  
75 100  
77 33.2 28.0 42.0



#54  
cis-1,3-Dichloropropene  
Concen: 21.603 ug/l  
RT: 7.33 min Scan# 680  
Delta R.T. -0.00 min  
Lab File: VF062083.D  
Acq: 22 Mar 2019 15:27

Tgt Ion: 75 Resp: 89781  
Ion Ratio Lower Upper  
75 100  
77 31.2 25.8 38.6  
39 47.0 35.9 53.9





#55

1,1,2-Trichloroethane

Concen: 22.427 ug/l

RT: 8.52 min Scan# 800

Delta R.T. -0.01 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

VF0322SBS01

Tot Ion: 97 Resp: 42262

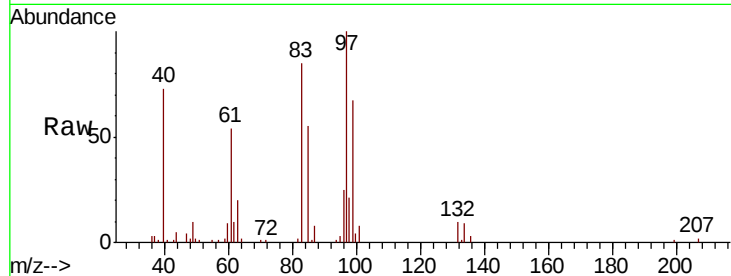
Ion Ratio Lower Upper

97 100

83 85.3 64.6 97.0

85 54.6 43.6 65.4

99 67.0 48.2 72.2

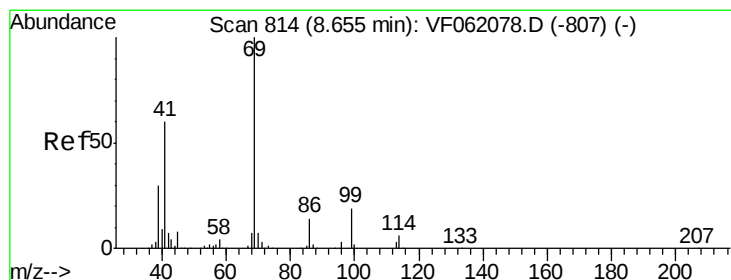
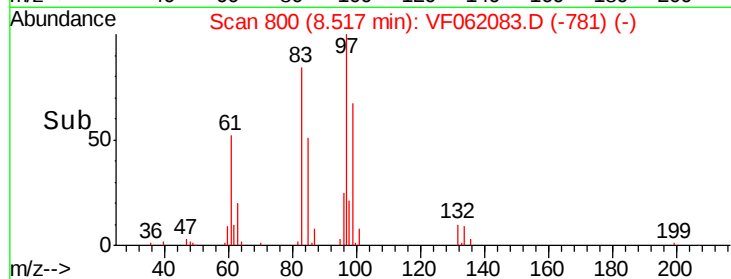
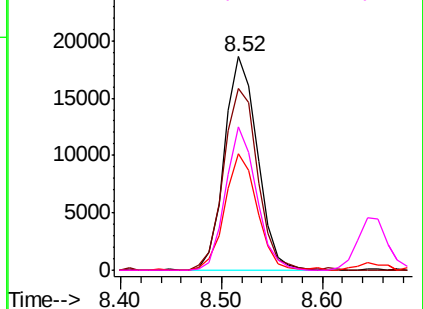


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 20.988 ug/l

RT: 8.65 min Scan# 813

Delta R.T. -0.01 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

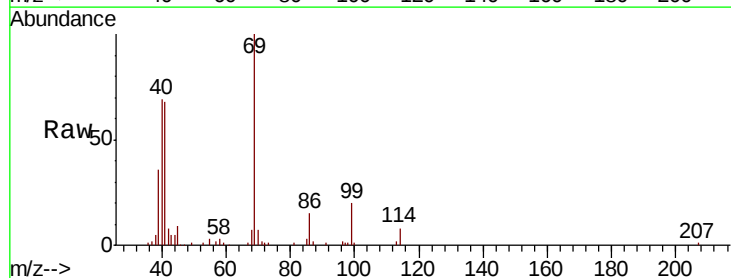
Tgt Ion: 69 Resp: 47170

Ion Ratio Lower Upper

69 100

41 68.0 48.2 72.2

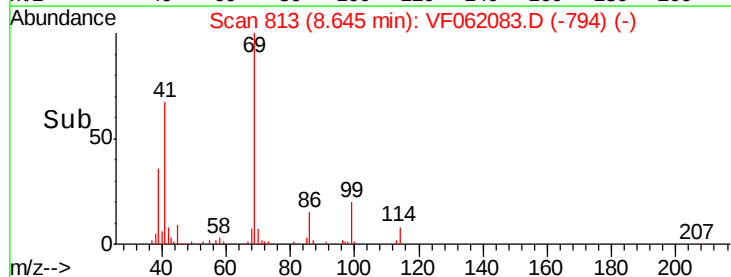
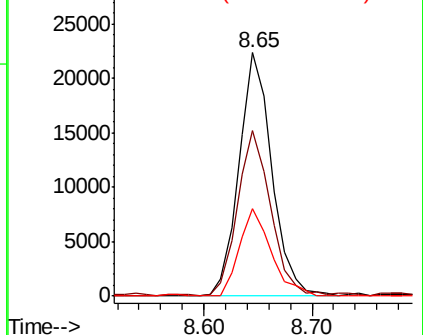
39 36.0 24.0 36.0#

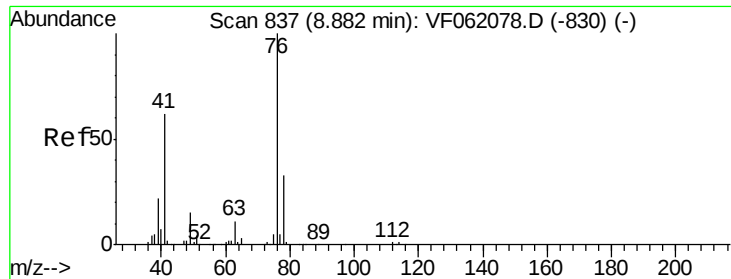


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 21.887 ug/l

RT: 8.88 min Scan# 837

Delta R.T. -0.00 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

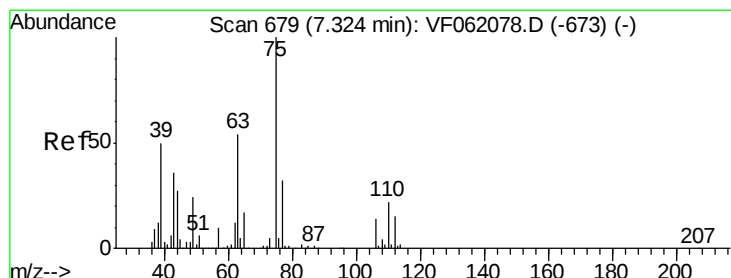
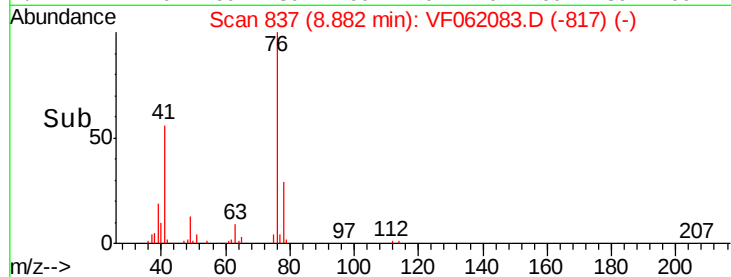
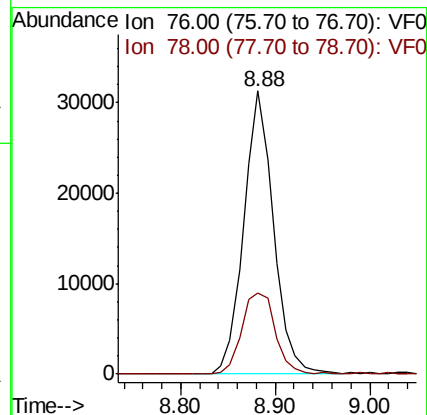
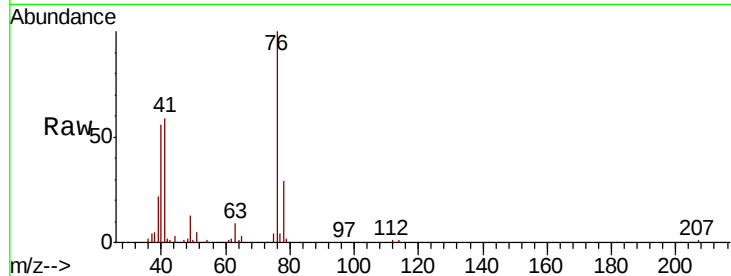
VF0322SBS01

Tot Ion: 76 Resp: 68455

Ion Ratio Lower Upper

76 100

78 28.8 26.6 39.8



#58

2-Chloroethyl Vinyl ether

Concen: 95.774 ug/l

RT: 7.32 min Scan# 679

Delta R.T. -0.00 min

Lab File: VF062083.D

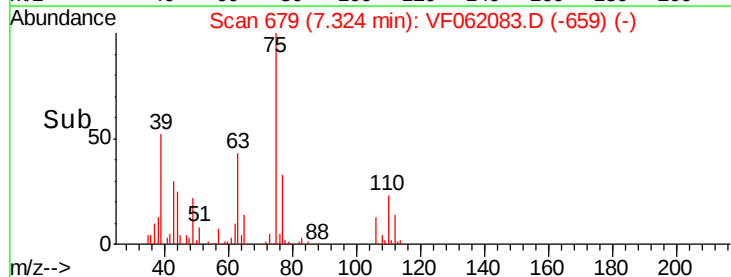
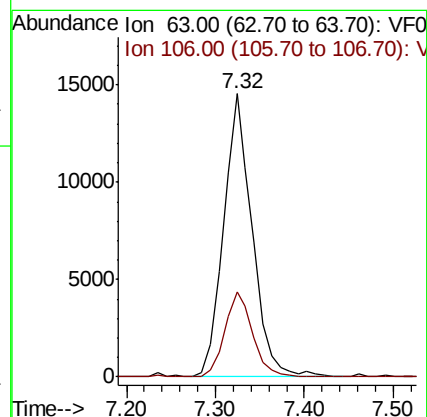
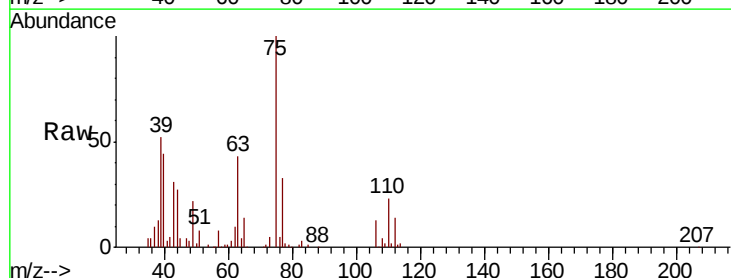
Acq: 22 Mar 2019 15:27

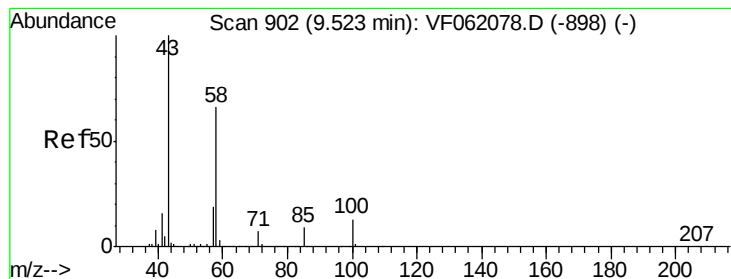
Tgt Ion: 63 Resp: 32662

Ion Ratio Lower Upper

63 100

106 30.1 21.5 32.3





#59

2-Hexanone

Concen: 116.686 ug/l

RT: 9.52 min Scan# 902

Delta R.T. -0.00 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

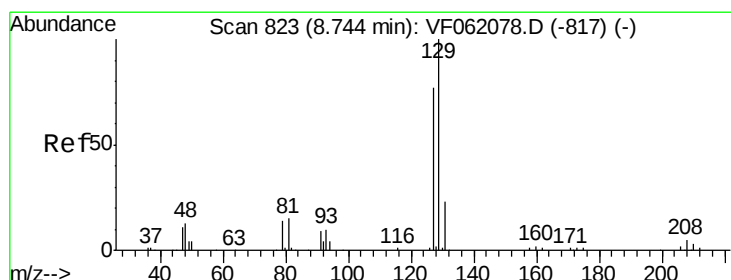
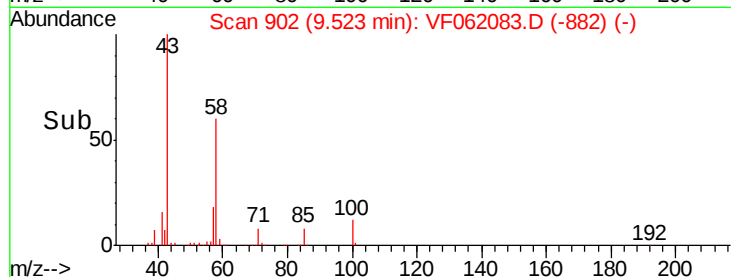
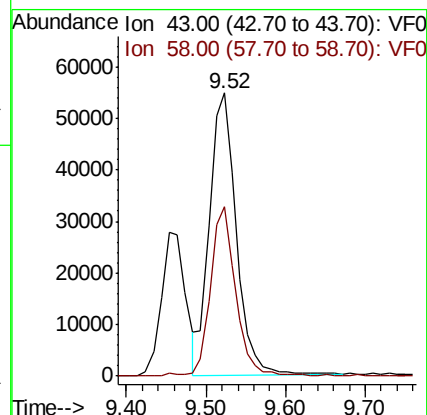
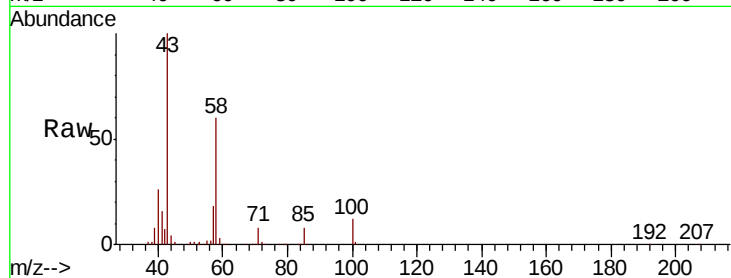
VF0322SBS01

Tot Ion: 43 Resp: 129440

Ion Ratio Lower Upper

43 100

58 60.0 28.8 86.4



#60

Dibromochloromethane

Concen: 21.771 ug/l

RT: 8.74 min Scan# 823

Delta R.T. -0.00 min

Lab File: VF062083.D

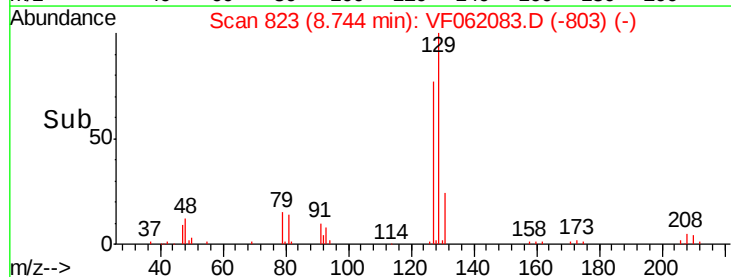
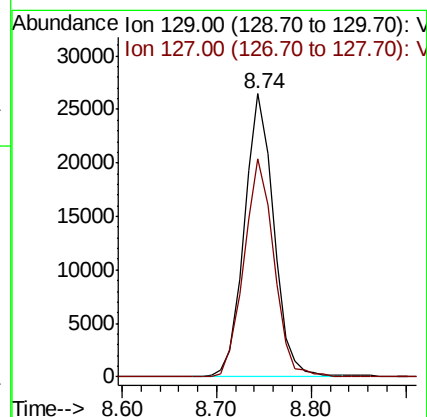
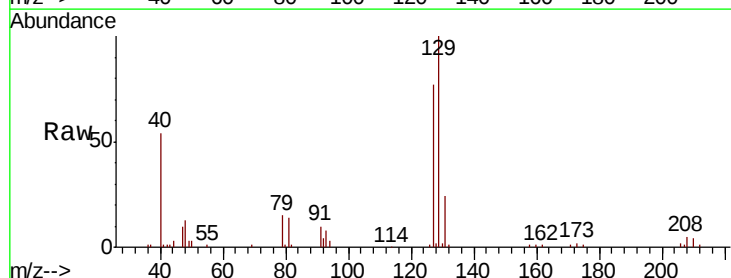
Acq: 22 Mar 2019 15:27

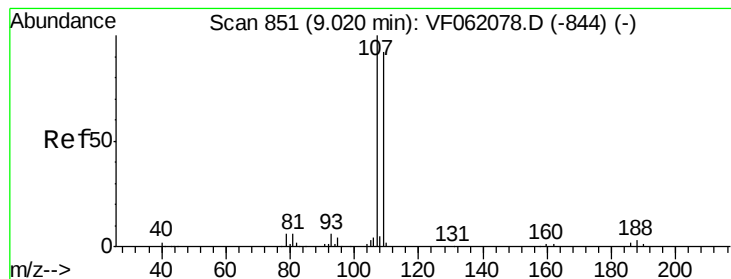
Tgt Ion: 129 Resp: 57033

Ion Ratio Lower Upper

129 100

127 77.2 38.7 116.1





#61

1,2-Dibromoethane

Concen: 22.092 ug/l

RT: 9.02 min Scan# 851

Delta R.T. -0.00 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

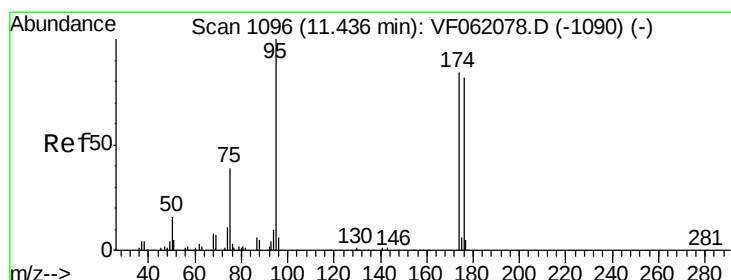
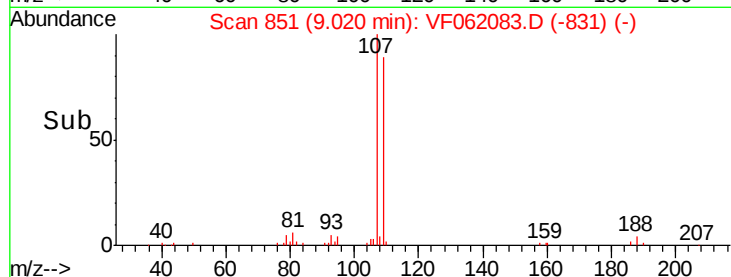
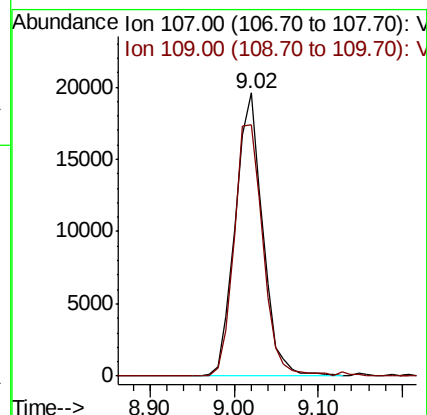
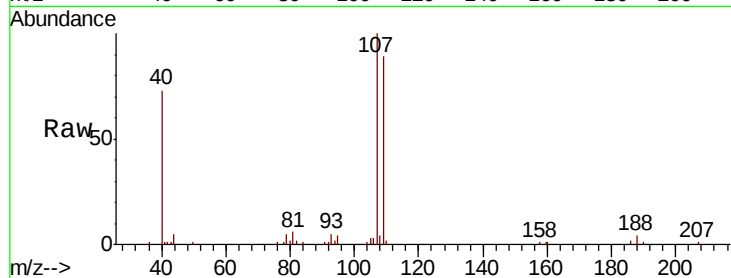
VF0322SBS01

Tot Ion:107 Resp: 44415

Ion Ratio Lower Upper

107 100

109 88.9 73.4 110.0



#62

4-Bromofluorobenzene

Concen: 51.822 ug/l

RT: 11.44 min Scan# 1096

Delta R.T. -0.00 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

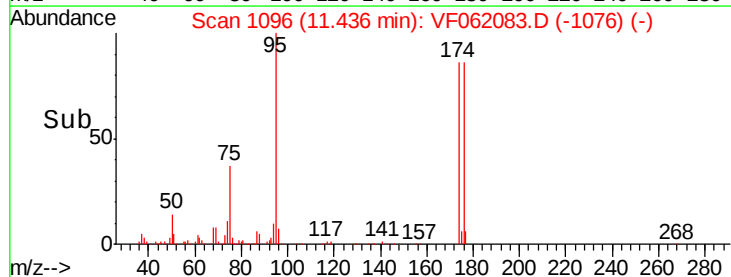
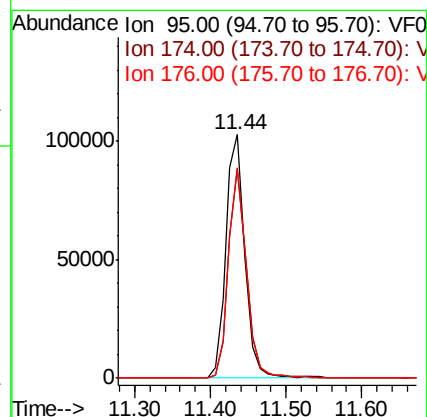
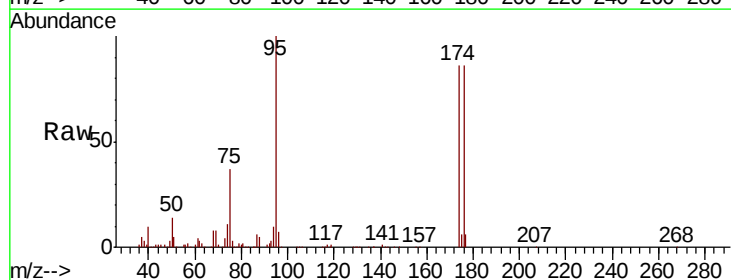
Tgt Ion: 95 Resp: 181212

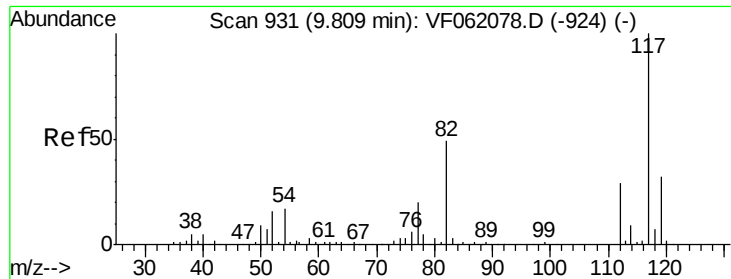
Ion Ratio Lower Upper

95 100

174 85.7 0.0 168.2

176 86.2 0.0 164.2

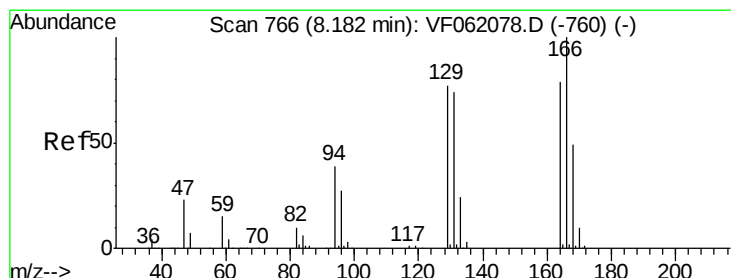
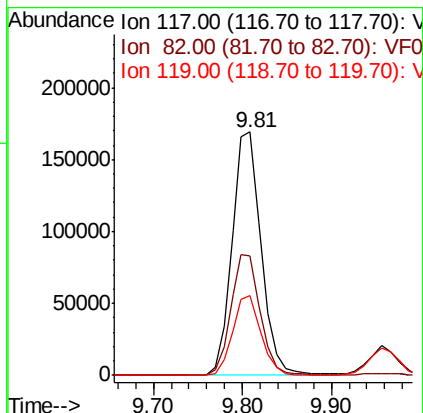
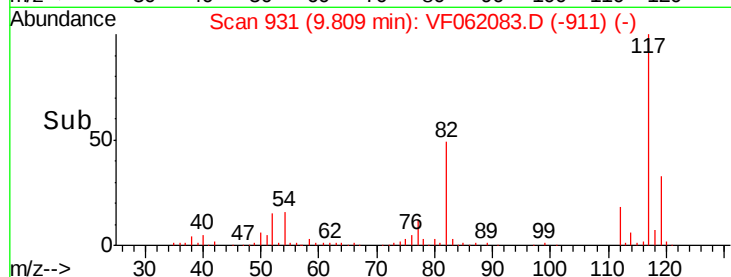
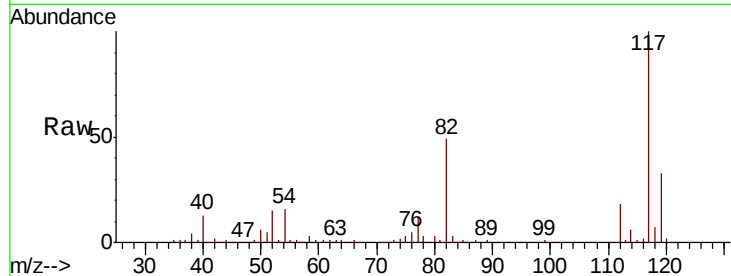




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.81 min Scan# 931  
Delta R.T. -0.00 min  
Lab File: VF062083.D  
Acq: 22 Mar 2019 15:27

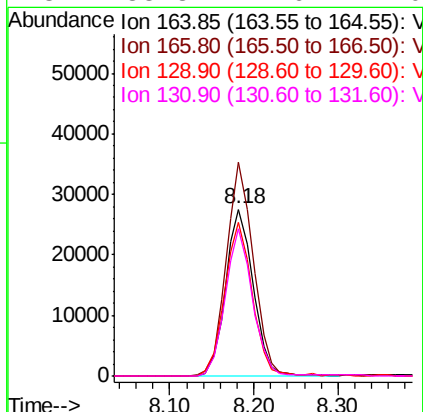
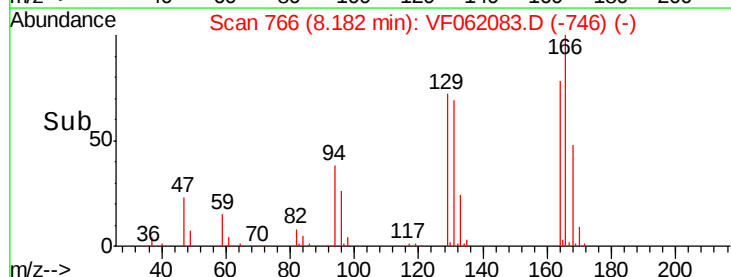
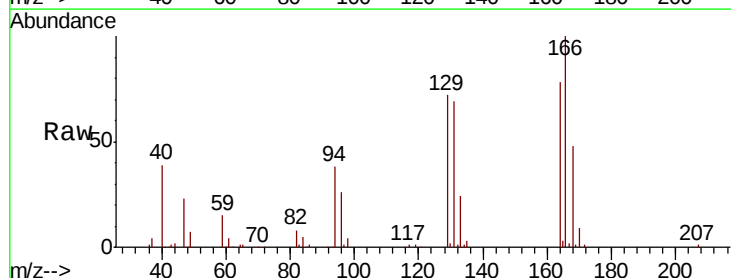
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0322SBS01

Tot Ion:117 Resp: 387553  
Ion Ratio Lower Upper  
117 100  
82 49.0 39.2 58.8  
119 32.7 25.4 38.2



#64  
Tetrachloroethene  
Concen: 20.842 ug/l  
RT: 8.18 min Scan# 766  
Delta R.T. -0.00 min  
Lab File: VF062083.D  
Acq: 22 Mar 2019 15:27

Tgt Ion:164 Resp: 62403  
Ion Ratio Lower Upper  
164 100  
166 128.3 100.9 151.3  
129 92.0 77.9 116.9  
131 88.3 74.6 112.0

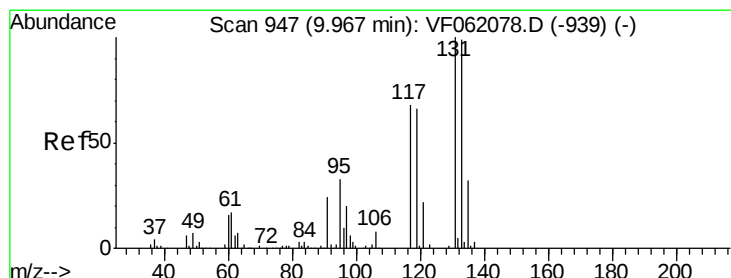
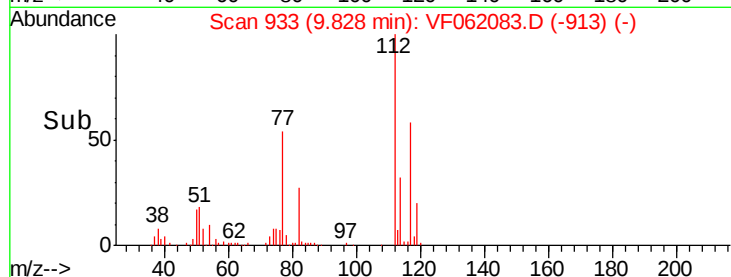
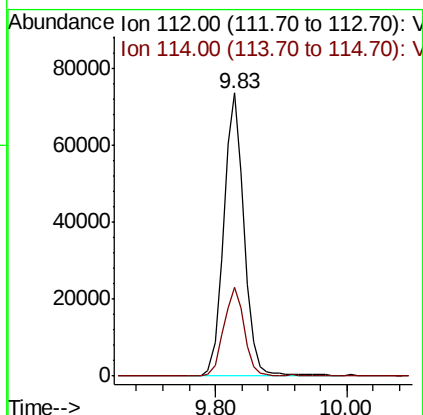
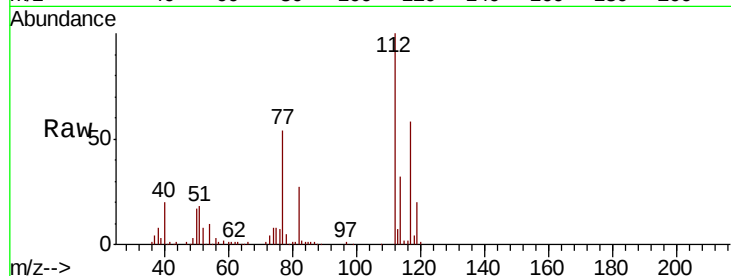




#65  
Chlorobenzene  
Concen: 21.980 ug/l  
RT: 9.83 min Scan# 933  
Delta R.T. -0.00 min  
Lab File: VF062083.D  
Acq: 22 Mar 2019 15:27

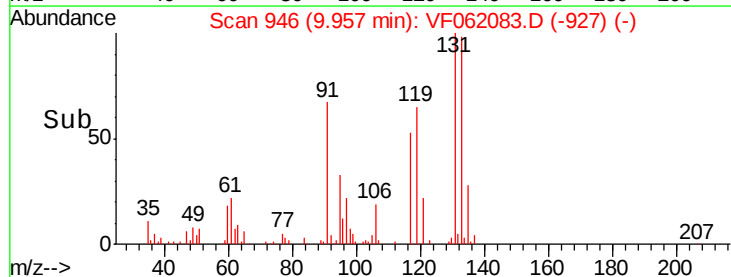
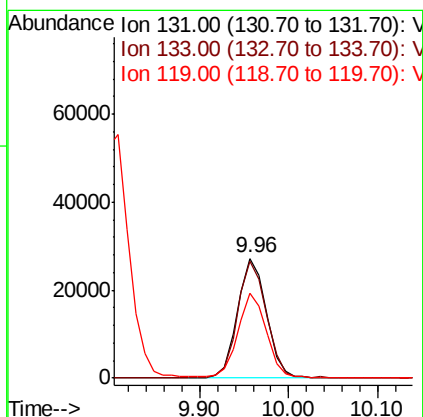
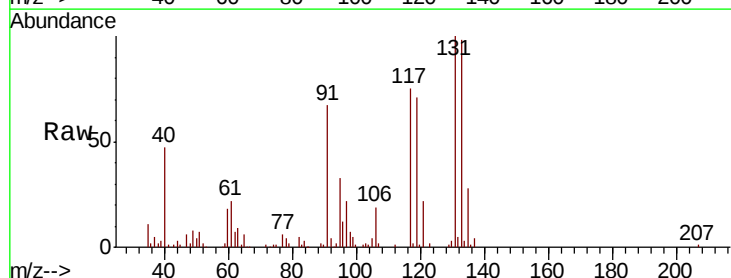
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0322SBS01

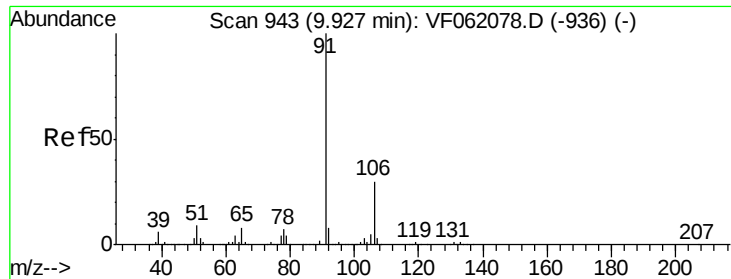
Tot Ion:112 Resp: 159382  
Ion Ratio Lower Upper  
112 100  
114 31.5 26.0 39.0



#66  
1,1,1,2-Tetrachloroethane  
Concen: 21.114 ug/l  
RT: 9.96 min Scan# 946  
Delta R.T. -0.01 min  
Lab File: VF062083.D  
Acq: 22 Mar 2019 15:27

Tgt Ion:131 Resp: 61501  
Ion Ratio Lower Upper  
131 100  
133 97.5 49.3 147.8  
119 70.9 33.5 100.4





#67

Ethyl Benzene

Concen: 22.200 ug/l

RT: 9.93 min Scan# 943

Delta R.T. -0.00 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

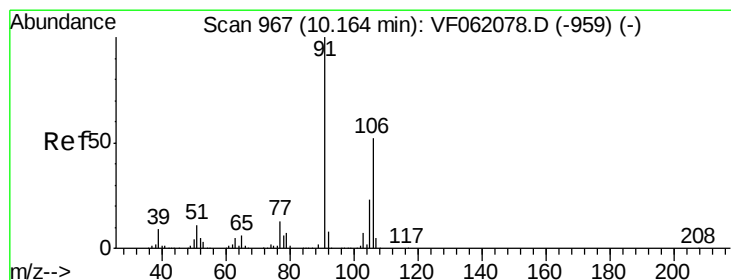
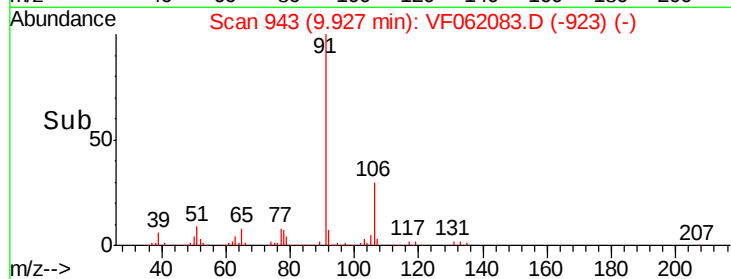
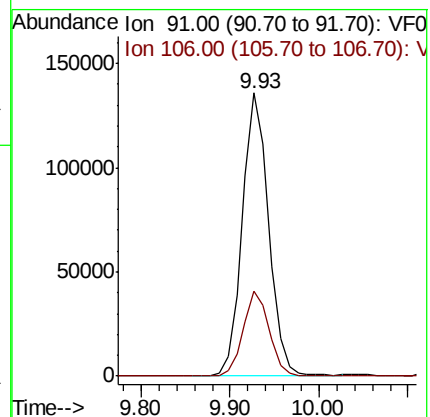
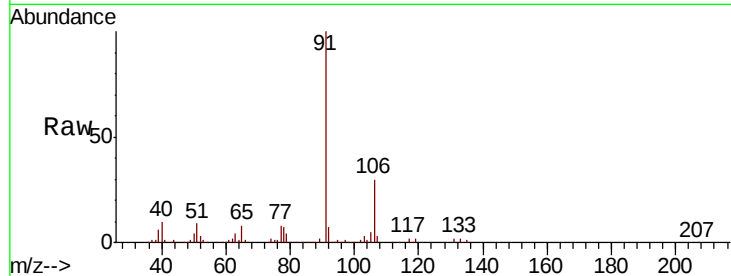
VF0322SBS01

Tot Ion: 91 Resp: 279965

Ion Ratio Lower Upper

91 100

106 30.0 24.0 36.0



#68

m/p-Xylenes

Concen: 45.370 ug/l

RT: 10.16 min Scan# 967

Delta R.T. -0.00 min

Lab File: VF062083.D

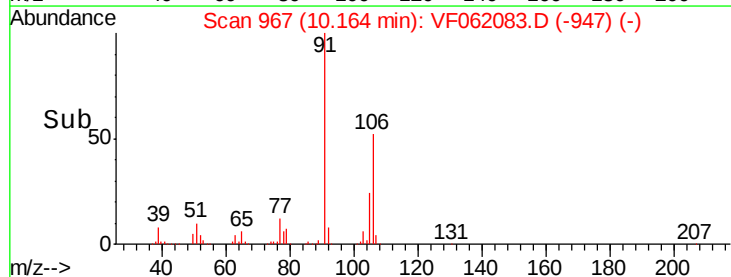
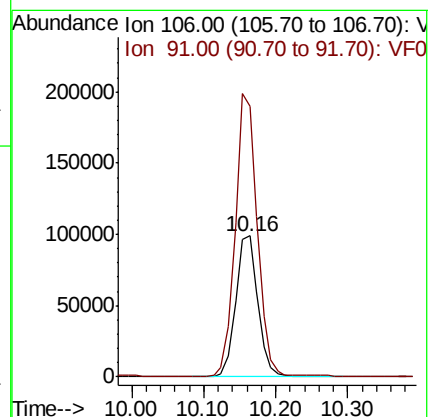
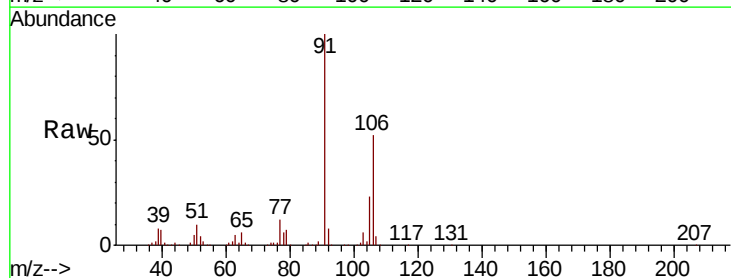
Acq: 22 Mar 2019 15:27

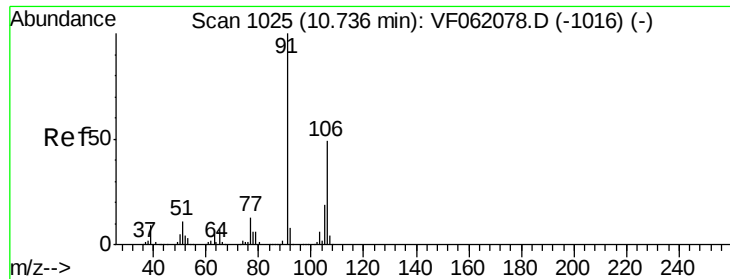
Tgt Ion: 106 Resp: 213846

Ion Ratio Lower Upper

106 100

91 192.2 154.4 231.6

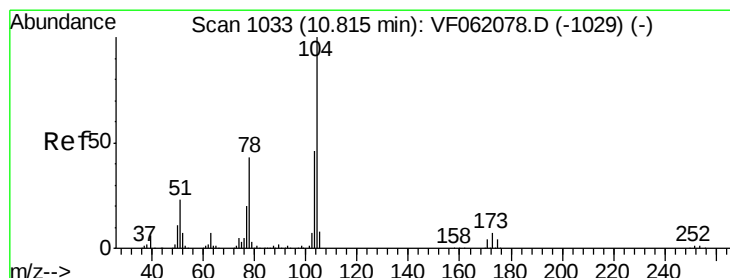
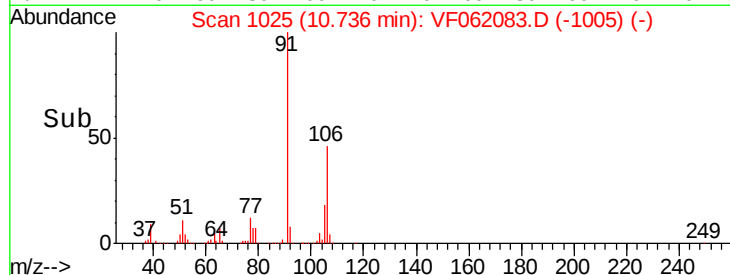
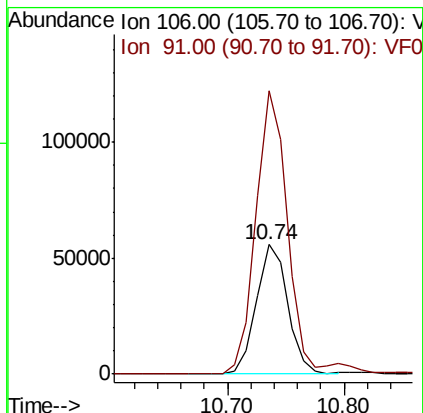
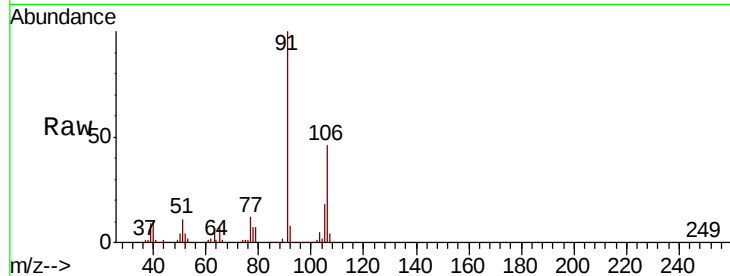




#69  
o-Xylene  
Concen: 21.156 ug/l  
RT: 10.74 min Scan# 1025  
Delta R.T. -0.00 min  
Lab File: VF062083.D  
Acq: 22 Mar 2019 15:27

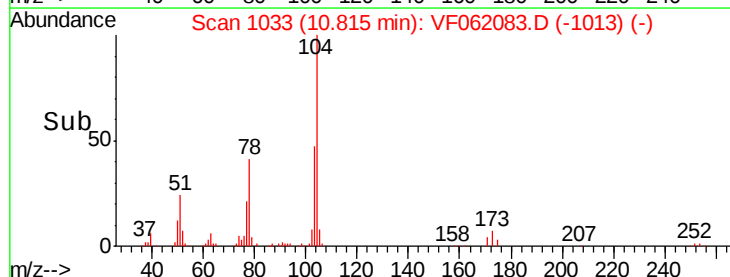
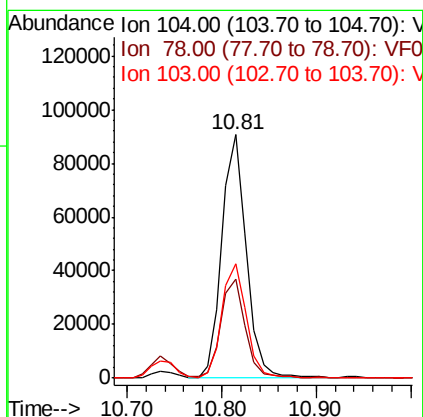
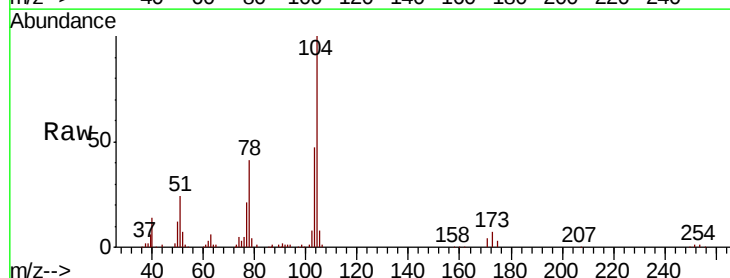
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0322SBS01

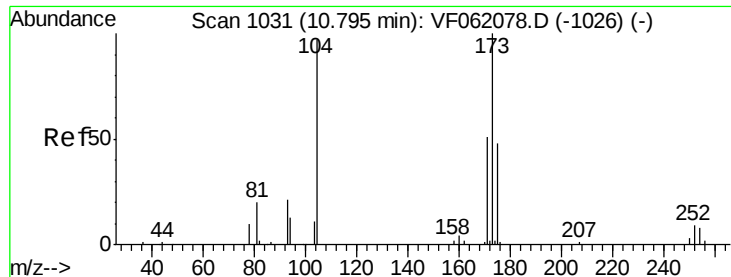
Tot Ion:106 Resp: 104437  
Ion Ratio Lower Upper  
106 100  
91 218.9 102.6 307.8



#70  
Styrene  
Concen: 21.620 ug/l  
RT: 10.81 min Scan# 1033  
Delta R.T. -0.00 min  
Lab File: VF062083.D  
Acq: 22 Mar 2019 15:27

Tgt Ion:104 Resp: 161711  
Ion Ratio Lower Upper  
104 100  
78 40.8 34.3 51.5  
103 46.9 36.9 55.3





#71

Bromoform

Concen: 20.932 ug/l

RT: 10.79 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

VF0322SBS01

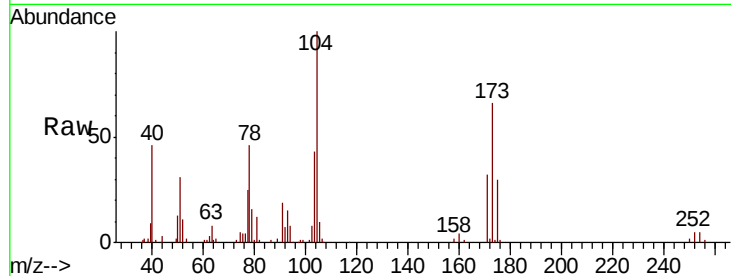
Tot Ion:173 Resp: 31186

Ion Ratio Lower Upper

173 100

175 45.8 24.1 72.4

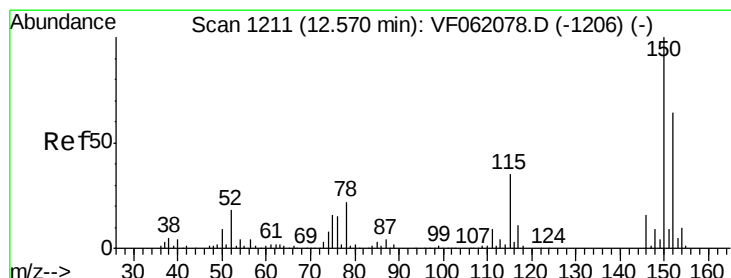
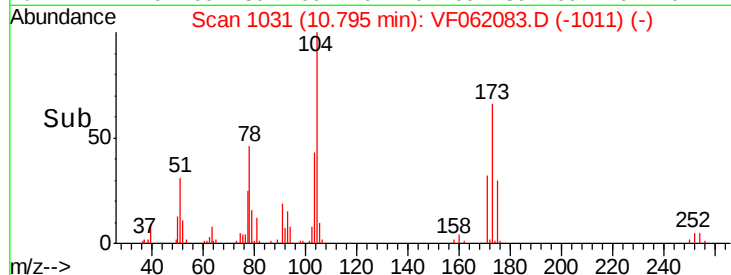
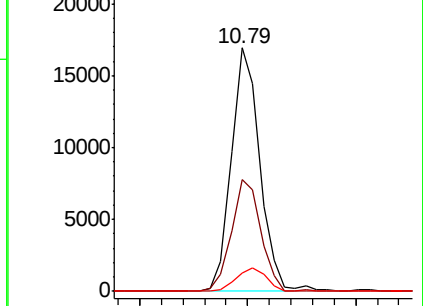
254 7.5 6.2 9.4



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.57 min Scan# 1211

Delta R.T. -0.00 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

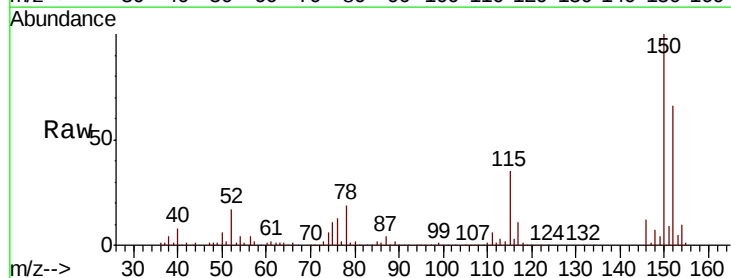
Tgt Ion:152 Resp: 197898

Ion Ratio Lower Upper

152 100

115 53.4 27.7 83.1

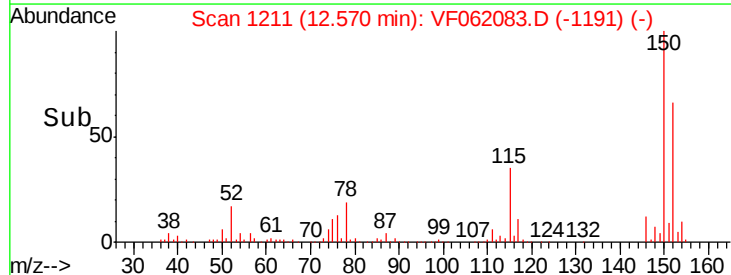
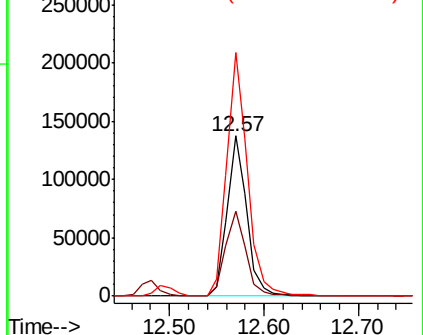
150 152.3 0.0 313.2

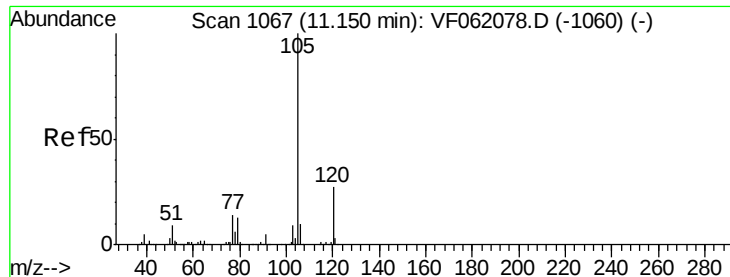


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 22.858 ug/l

RT: 11.15 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

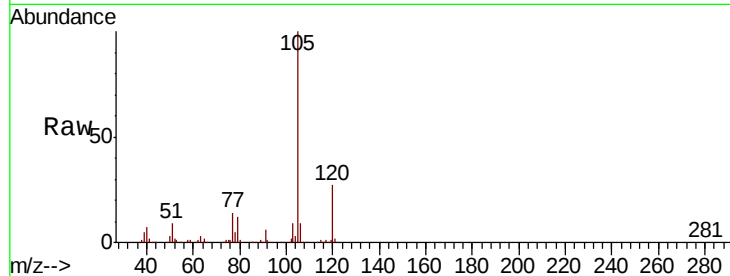
VF0322SBS01

Tot Ion:105 Resp: 318311

Ion Ratio Lower Upper

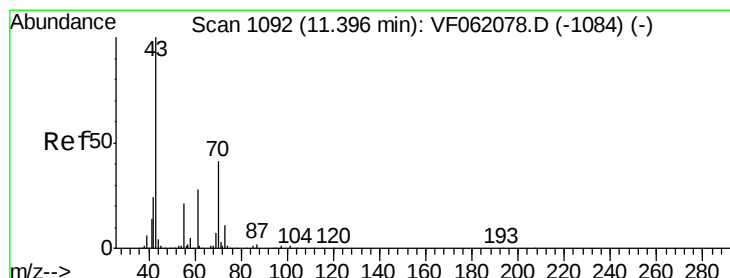
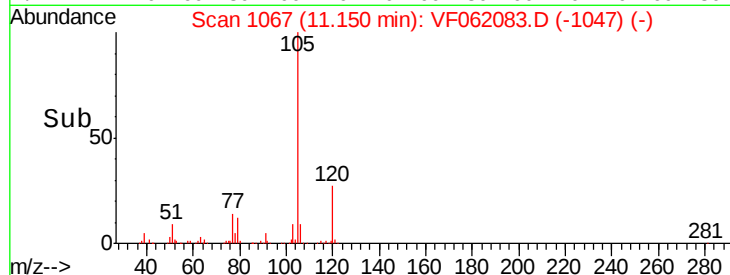
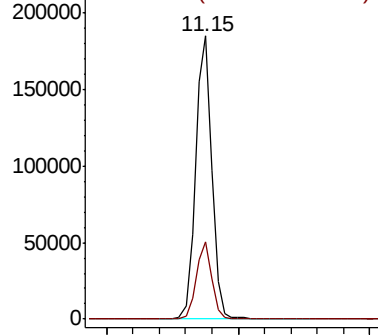
105 100

120 27.2 13.8 41.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 22.059 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.00 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Tgt Ion: 43 Resp: 73194

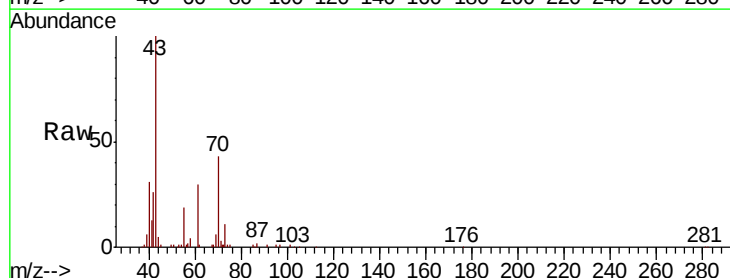
Ion Ratio Lower Upper

43 100

70 42.6 32.9 49.3

55 18.9 17.1 25.7

61 29.8 22.2 33.2

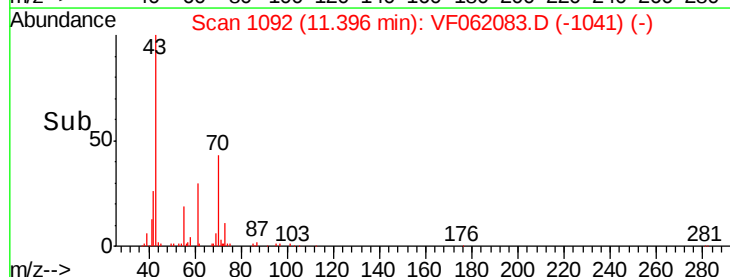
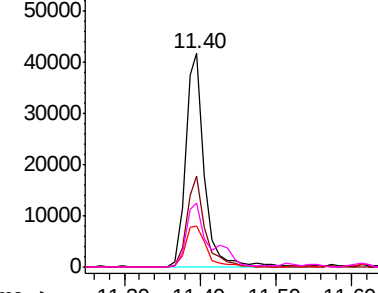


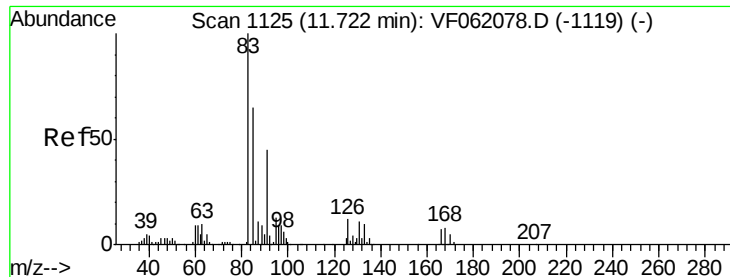
Abundance Ion 43.00 (42.70 to 43.70): VF0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 21.794 ug/l

RT: 11.71 min Scan# 1124

Delta R.T. -0.01 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

VF0322SBS01

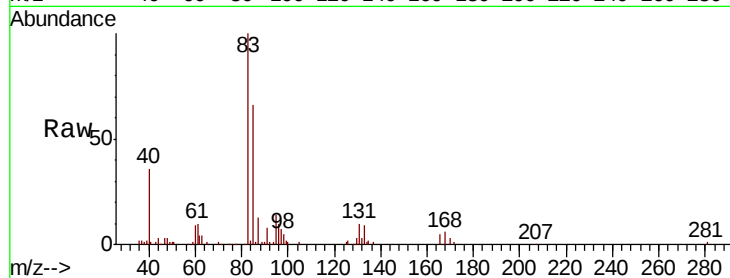
Tot Ion: 83 Resp: 52110

Ion Ratio Lower Upper

83 100

131 10.0 5.3 15.8

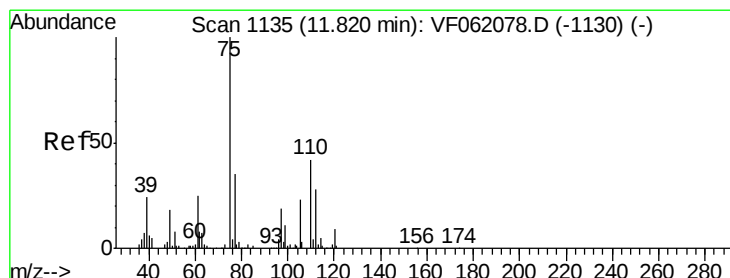
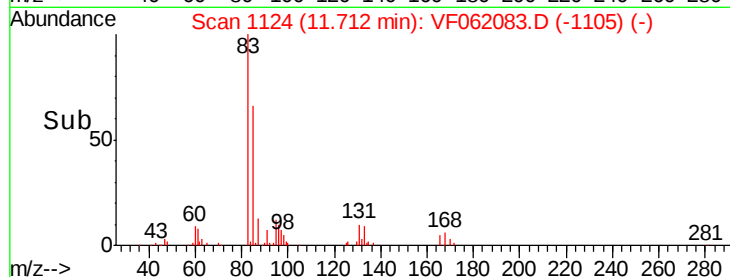
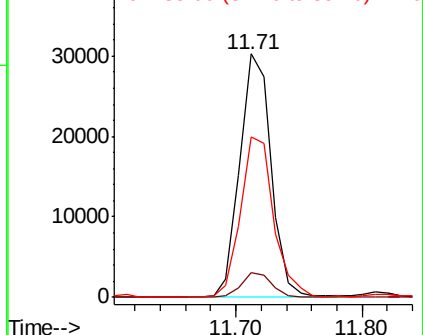
85 65.7 32.6 98.0



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 21.554 ug/l

RT: 11.81 min Scan# 1134

Delta R.T. -0.01 min

Lab File: VF062083.D

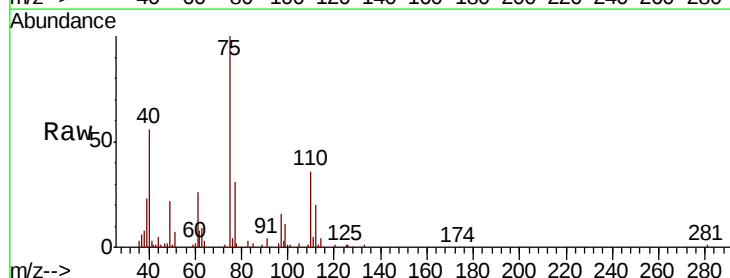
Acq: 22 Mar 2019 15:27

Tgt Ion: 75 Resp: 36269

Ion Ratio Lower Upper

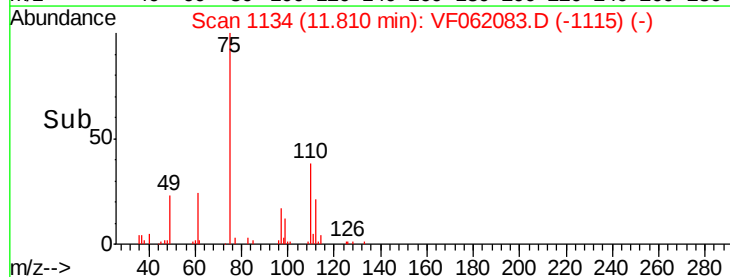
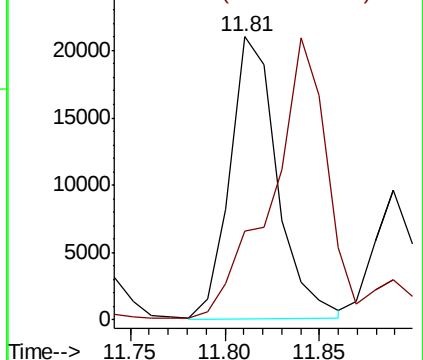
75 100

77 31.4 17.8 53.3



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 22.156 ug/l

RT: 11.51 min Scan# 1104

Delta R.T. -0.01 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

VF0322SBS01

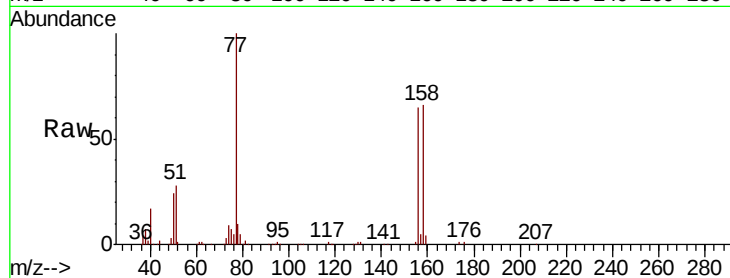
Tot Ion:156 Resp: 75378

Ion Ratio Lower Upper

156 100

77 154.3 61.3 183.9

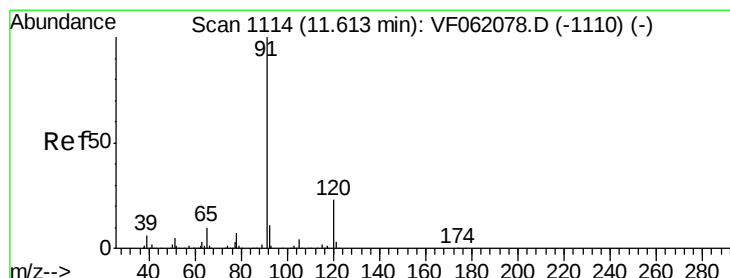
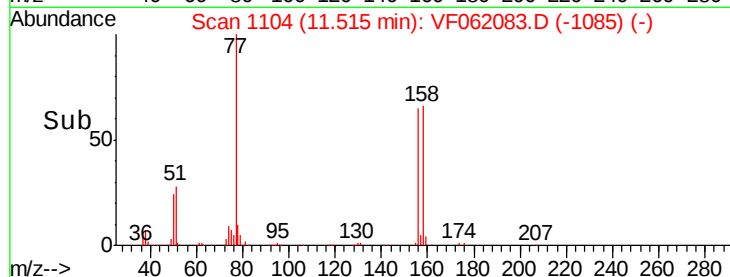
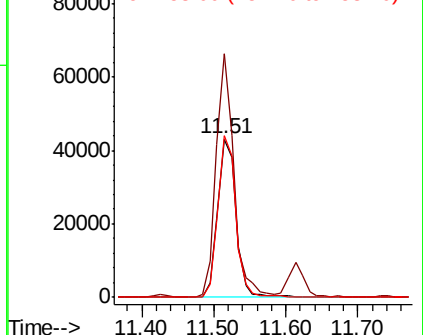
158 102.4 48.6 145.9



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 22.865 ug/l

RT: 11.61 min Scan# 1114

Delta R.T. -0.00 min

Lab File: VF062083.D

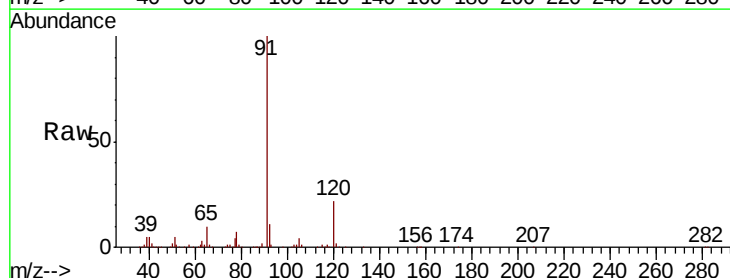
Acq: 22 Mar 2019 15:27

Tgt Ion: 91 Resp: 369730

Ion Ratio Lower Upper

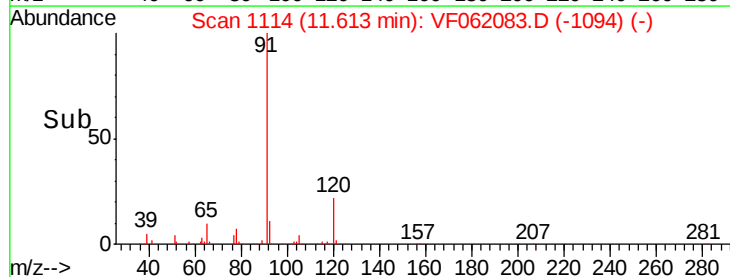
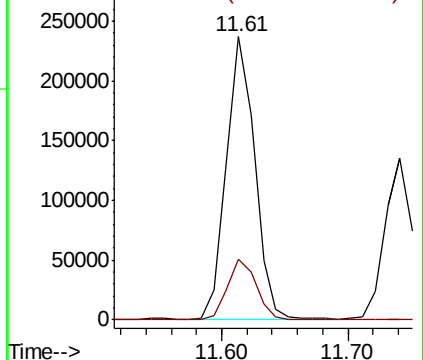
91 100

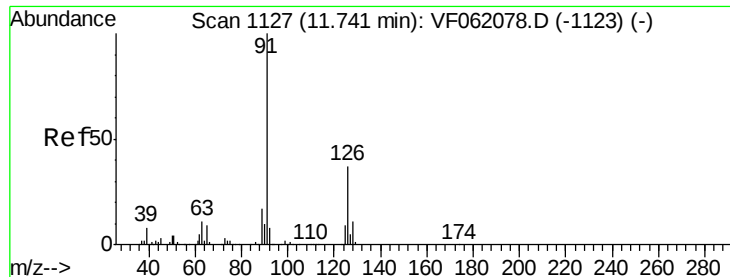
120 21.5 11.3 33.8



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 23.001 ug/l

RT: 11.74 min Scan# 1127

Delta R.T. -0.00 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

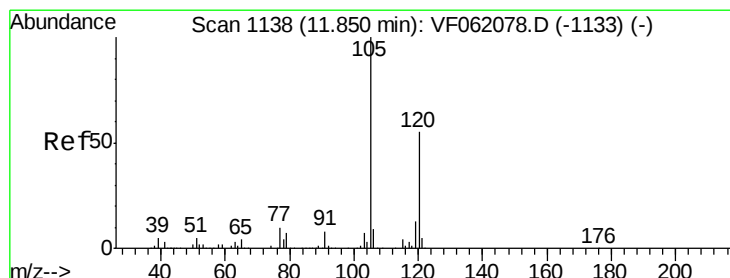
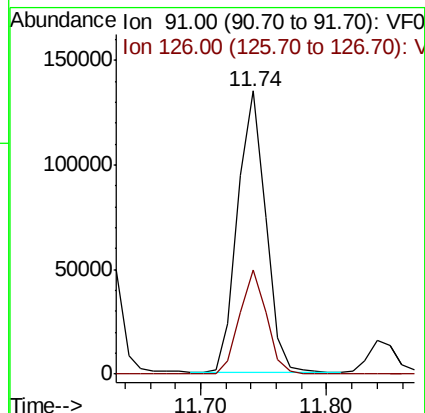
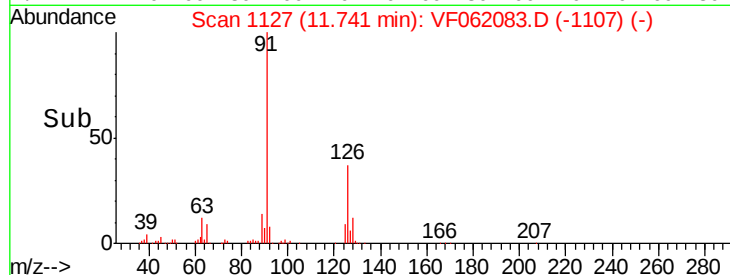
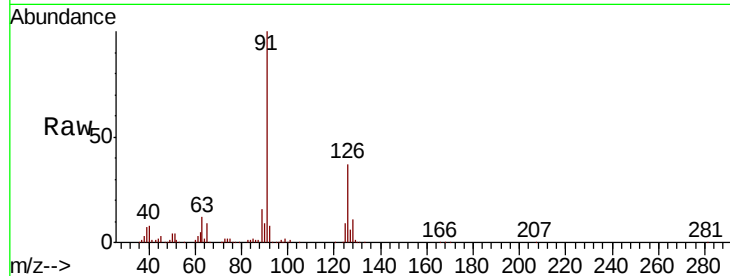
VF0322SBS01

Tot Ion: 91 Resp: 206728

Ion Ratio Lower Upper

91 100

126 36.9 18.3 54.8



#80

1,3,5-Trimethylbenzene

Concen: 21.909 ug/l

RT: 11.84 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VF062083.D

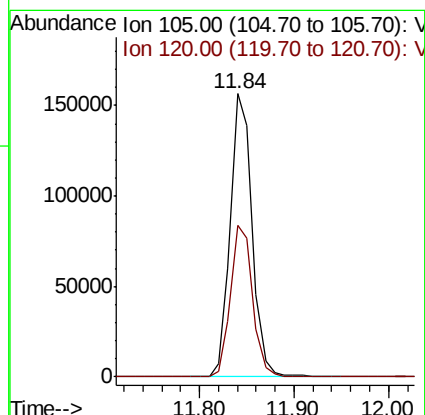
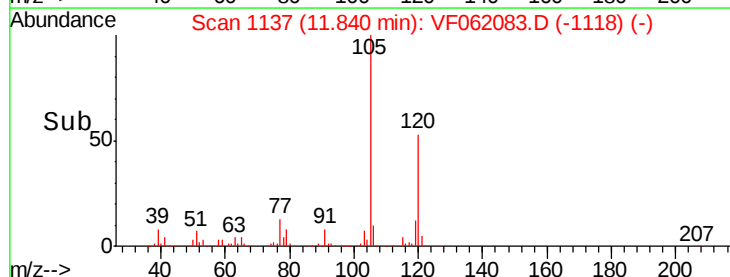
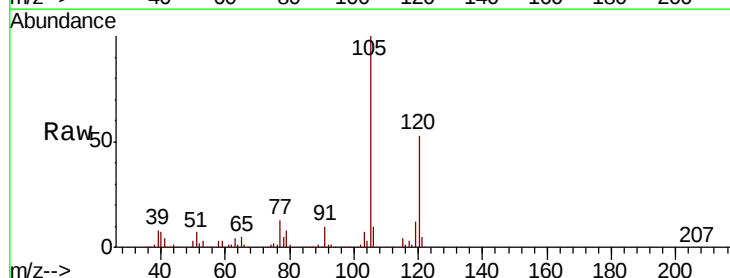
Acq: 22 Mar 2019 15:27

Tgt Ion: 105 Resp: 250953

Ion Ratio Lower Upper

105 100

120 53.4 27.8 83.3





#81

trans-1,4-Dichloro-2-butene

Concen: 29.994 ug/l

RT: 11.89 min Scan# 1142

Delta R.T. -0.00 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

VF0322SBS01

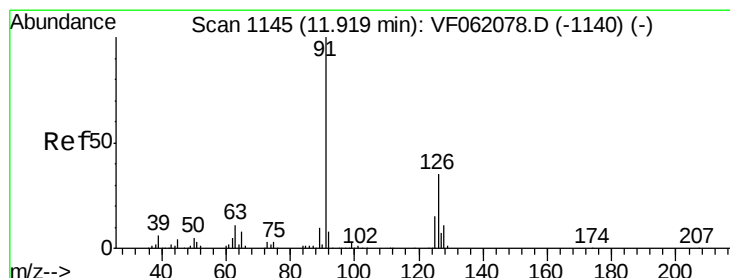
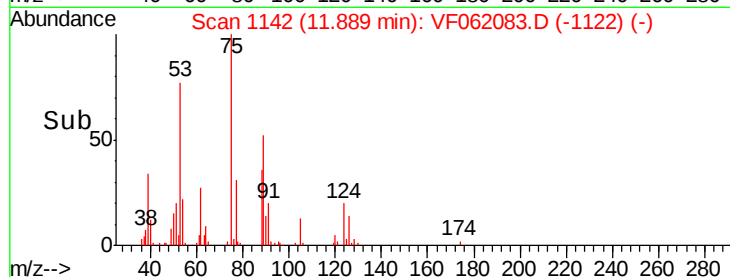
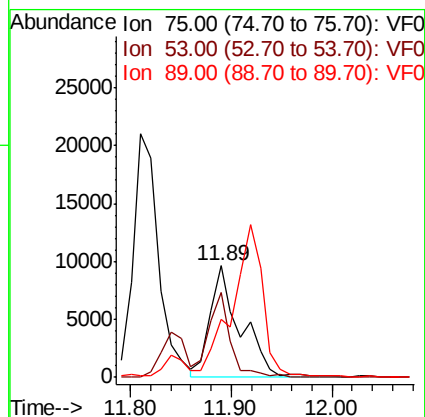
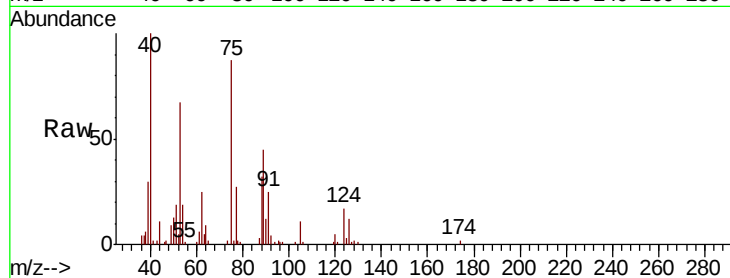
Tot Ion: 75 Resp: 20566

Ion Ratio Lower Upper

75 100

53 76.8 49.4 74.0#

89 51.9 40.6 60.8



#82

4-Chlorotoluene

Concen: 22.753 ug/l

RT: 11.92 min Scan# 1145

Delta R.T. -0.00 min

Lab File: VF062083.D

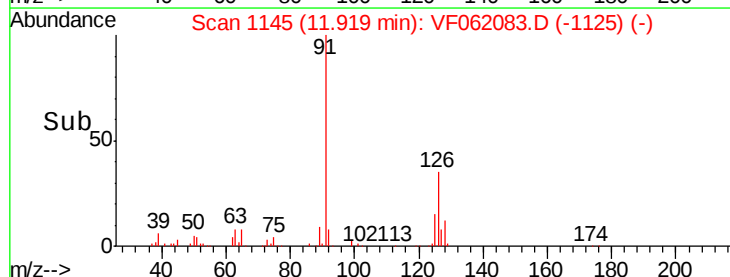
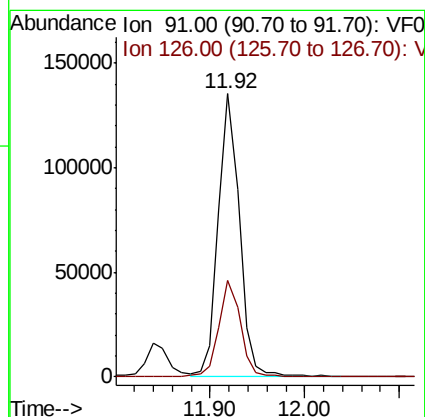
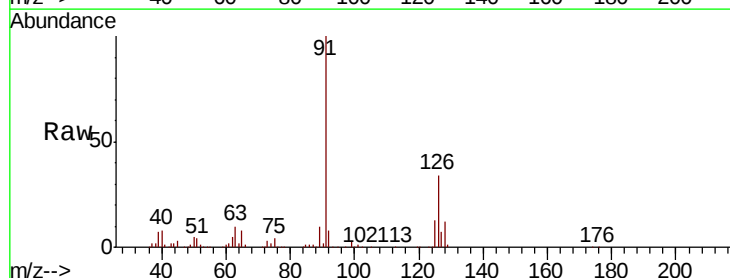
Acq: 22 Mar 2019 15:27

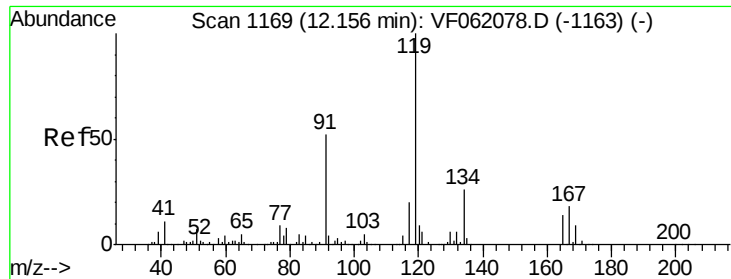
Tgt Ion: 91 Resp: 209677

Ion Ratio Lower Upper

91 100

126 34.0 17.2 51.6

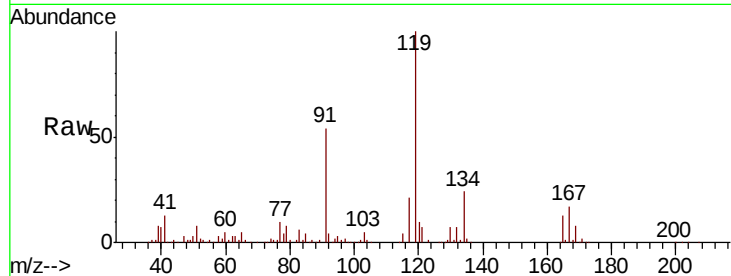




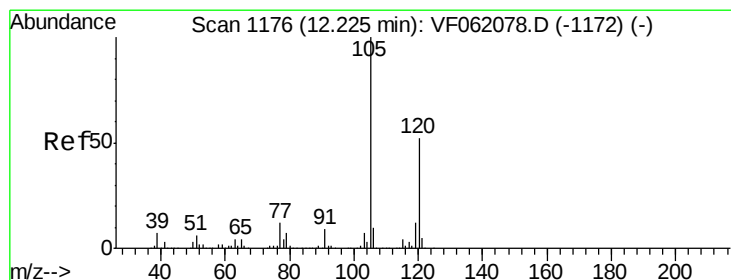
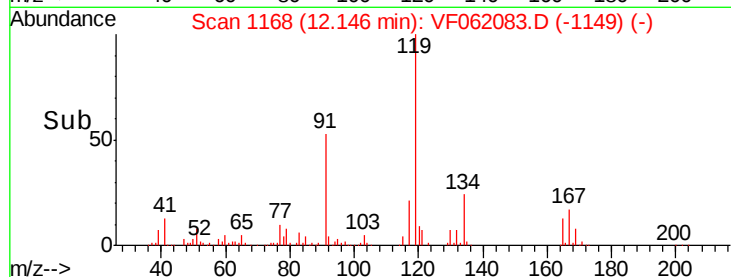
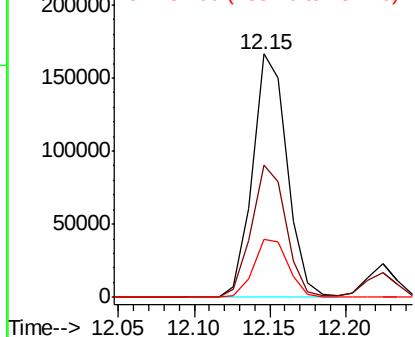
#83  
tert-Butylbenzene  
Concen: 22.226 ug/l  
RT: 12.15 min Scan# 1168  
Delta R.T. -0.01 min  
Lab File: VF062083.D  
Acq: 22 Mar 2019 15:27

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0322SBS01

Tot Ion:119 Resp: 266498  
Ion Ratio Lower Upper  
119 100  
91 54.4 26.1 78.2  
134 23.9 12.8 38.4

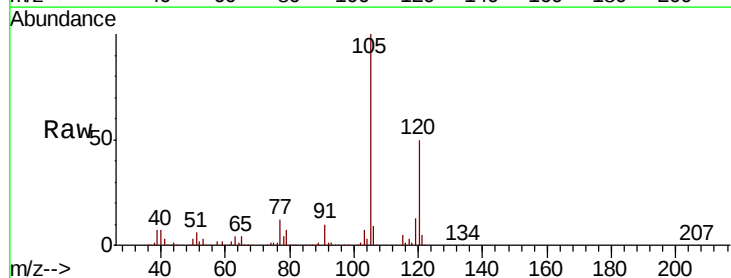


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): VF0  
Ion 134.00 (133.70 to 134.70): V

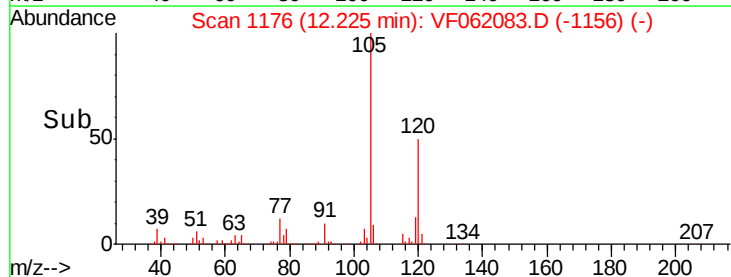
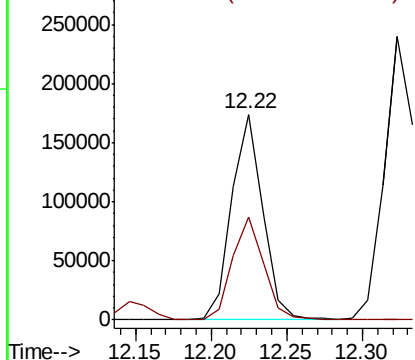


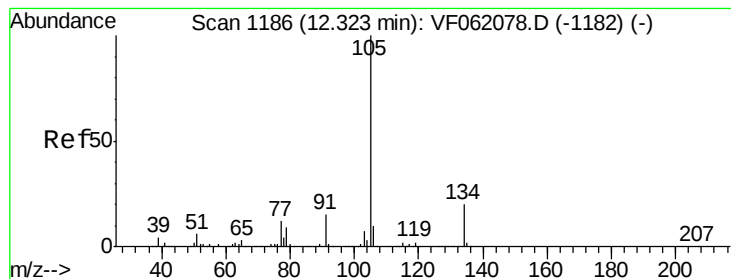
#84  
1,2,4-Trimethylbenzene  
Concen: 22.252 ug/l  
RT: 12.22 min Scan# 1176  
Delta R.T. -0.00 min  
Lab File: VF062083.D  
Acq: 22 Mar 2019 15:27

Tgt Ion:105 Resp: 249858  
Ion Ratio Lower Upper  
105 100  
120 50.3 26.1 78.2



Abundance Ion 105.00 (104.70 to 105.70): V  
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 22.517 ug/l

RT: 12.32 min Scan# 1186

Delta R.T. -0.00 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

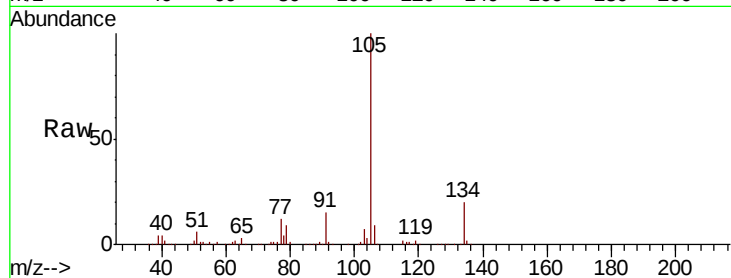
VF0322SBS01

Tot Ion:105 Resp: 349279

Ion Ratio Lower Upper

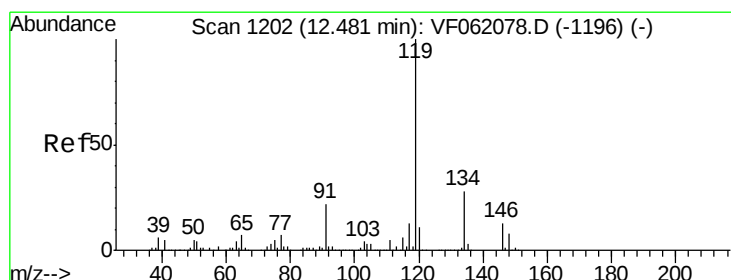
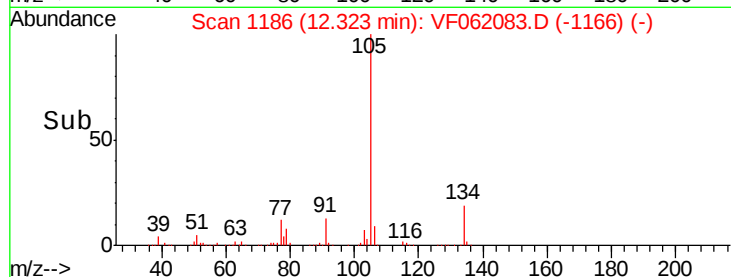
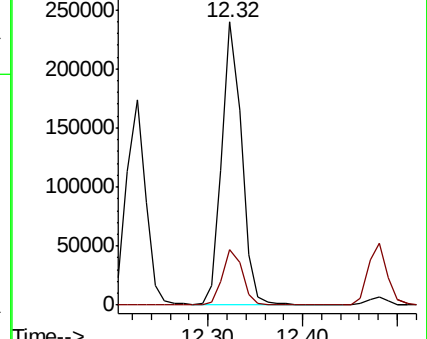
105 100

134 19.8 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.937 ug/l

RT: 12.48 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

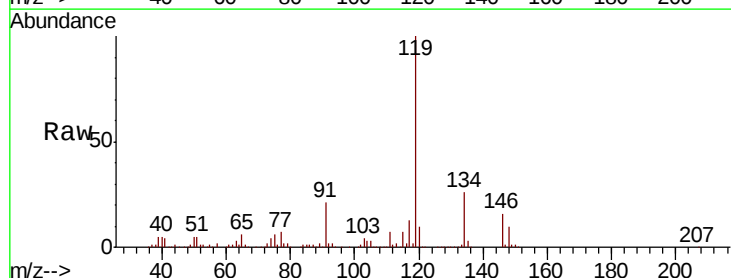
Tgt Ion:119 Resp: 294812

Ion Ratio Lower Upper

119 100

134 25.7 14.0 42.0

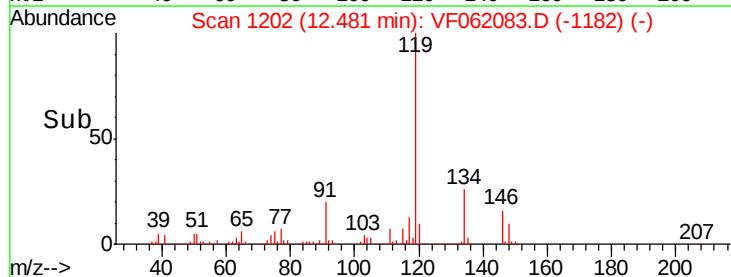
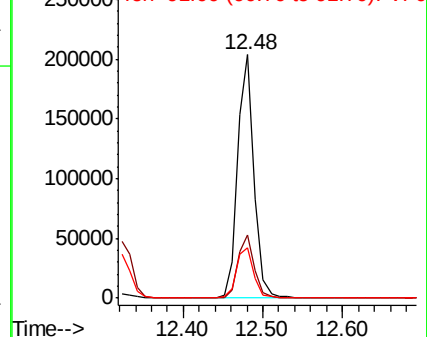
91 20.6 10.8 32.4

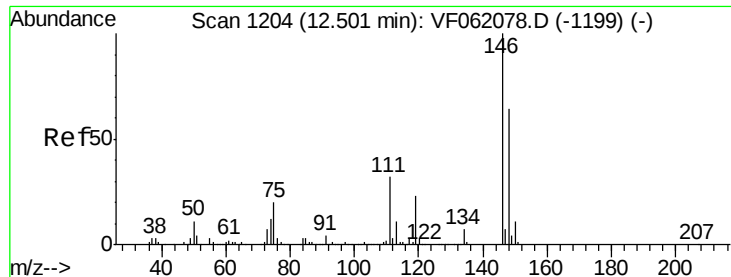


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VF0





#87

1,3-Dichlorobenzene

Concen: 21.792 ug/l

RT: 12.49 min Scan# 1203

Delta R.T. -0.01 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

Instrument :

MSVOA\_F

ClientSampleId :

VF0322SBS01

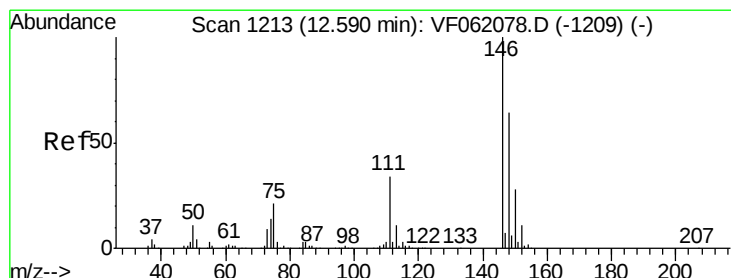
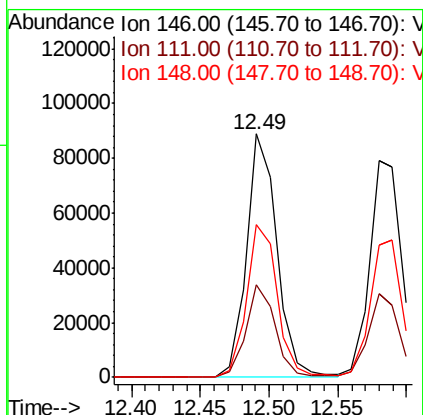
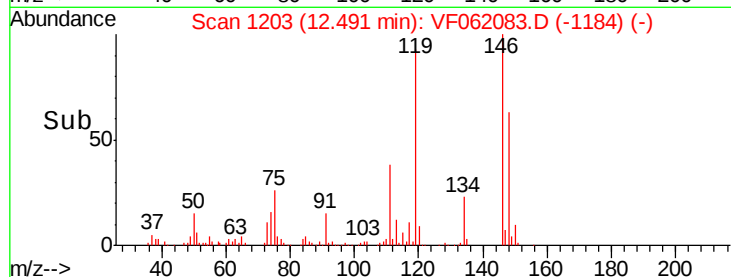
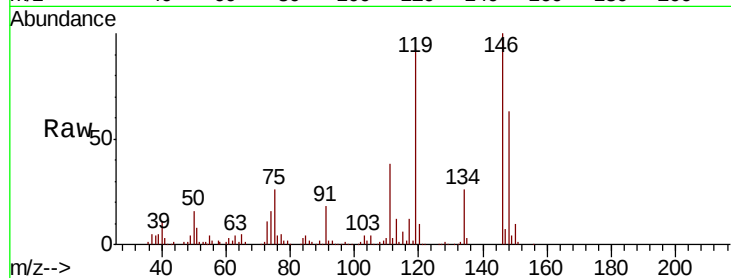
Tot Ion:146 Resp: 137742

Ion Ratio Lower Upper

146 100

111 38.0 16.1 48.3

148 62.8 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 21.270 ug/l

RT: 12.58 min Scan# 1212

Delta R.T. -0.01 min

Lab File: VF062083.D

Acq: 22 Mar 2019 15:27

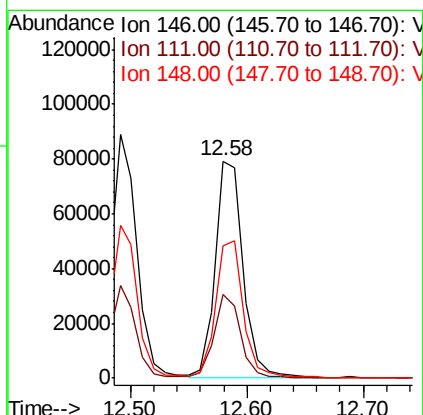
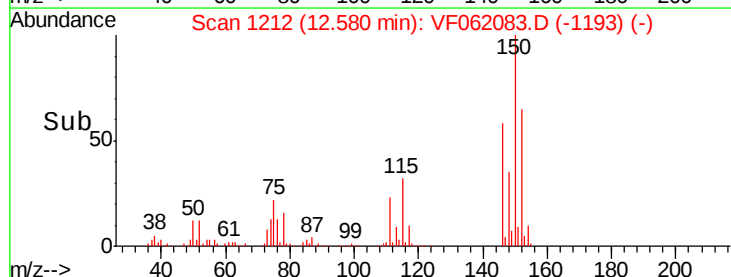
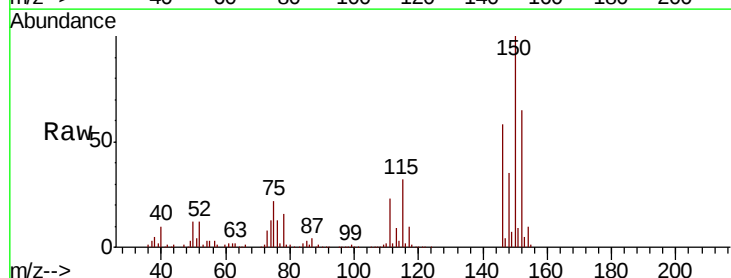
Tgt Ion:146 Resp: 131188

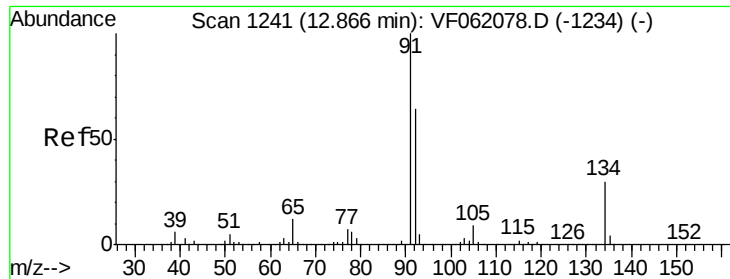
Ion Ratio Lower Upper

146 100

111 38.8 16.9 50.6

148 60.7 31.9 95.7

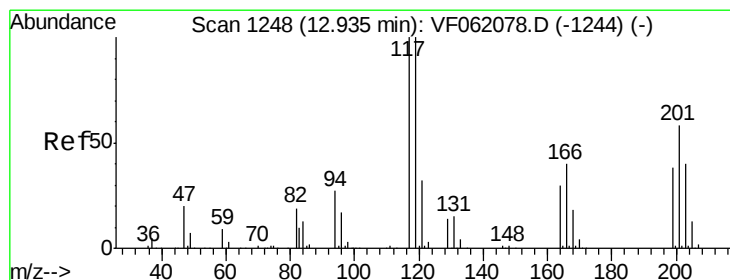
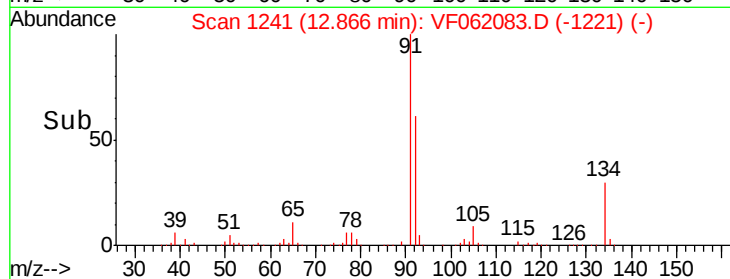
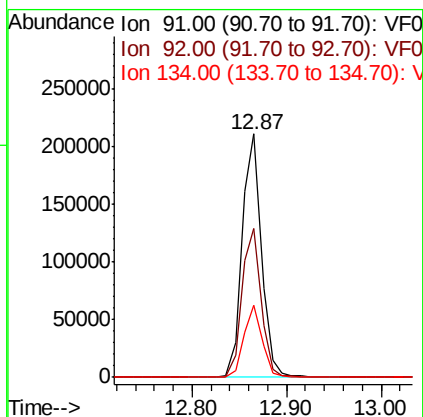
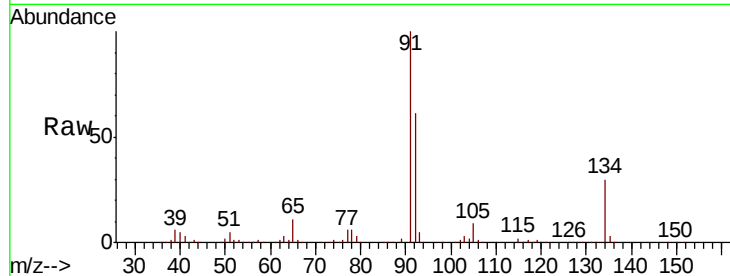




#89  
n-Butylbenzene  
Concen: 23.191 ug/l  
RT: 12.87 min Scan# 1241  
Delta R.T. -0.00 min  
Lab File: VF062083.D  
Acq: 22 Mar 2019 15:27

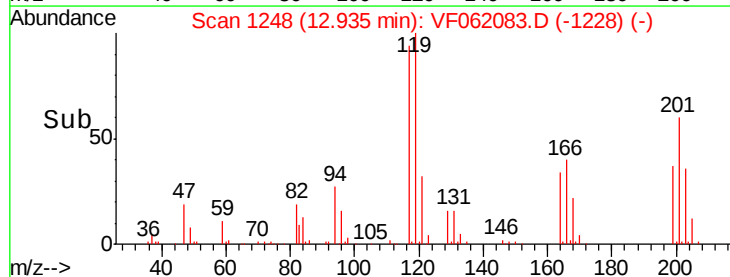
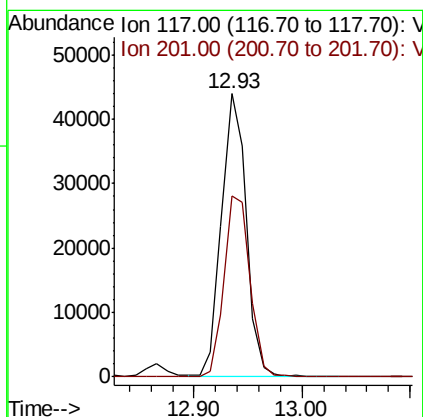
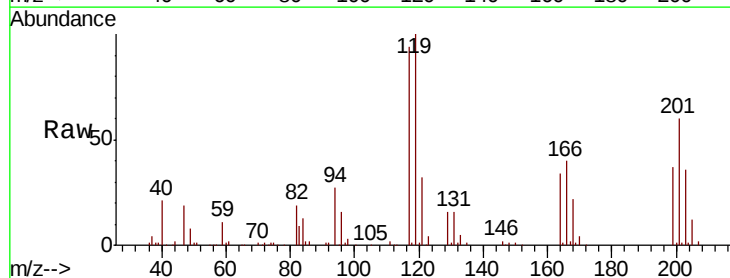
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0322SBS01

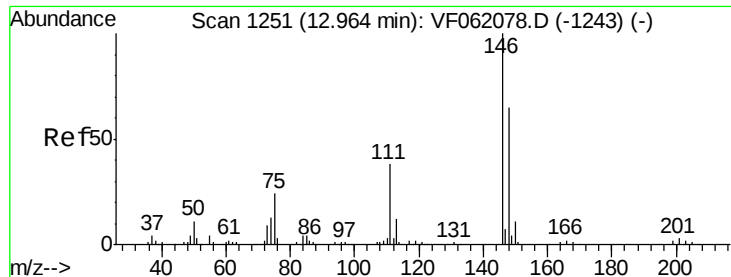
Tot Ion: 91 Resp: 297335  
Ion Ratio Lower Upper  
91 100  
92 61.2 31.9 95.5  
134 29.6 14.9 44.9



#90  
Hexachloroethane  
Concen: 21.937 ug/l  
RT: 12.93 min Scan# 1248  
Delta R.T. -0.00 min  
Lab File: VF062083.D  
Acq: 22 Mar 2019 15:27

Tgt Ion: 117 Resp: 70196  
Ion Ratio Lower Upper  
117 100  
201 64.0 28.7 86.1

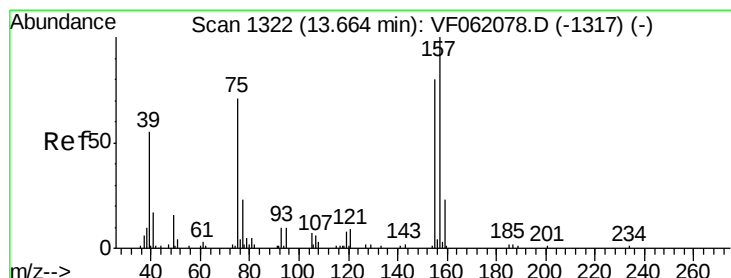
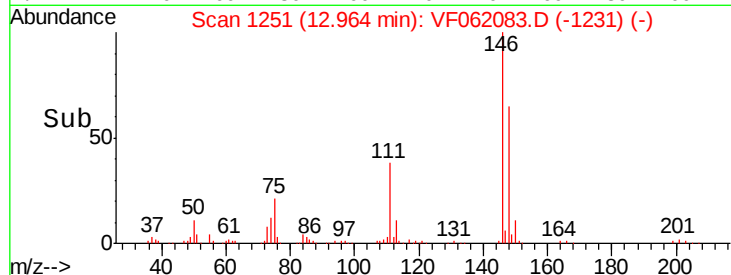
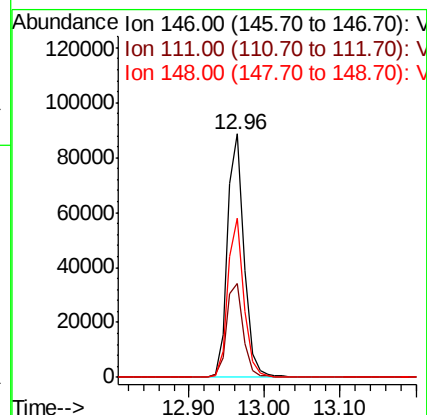
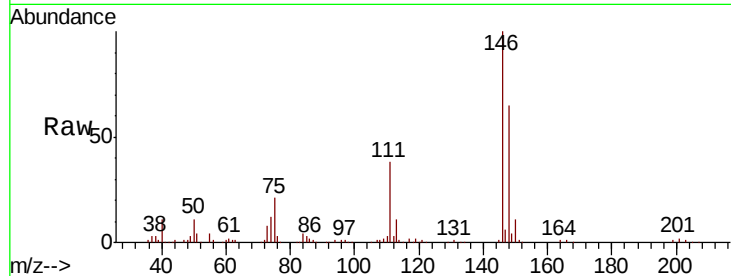




#91  
 1,2-Dichlorobenzene  
 Concen: 22.873 ug/l  
 RT: 12.96 min Scan# 1251  
 Delta R.T. -0.00 min  
 Lab File: VF062083.D  
 Acq: 22 Mar 2019 15:27

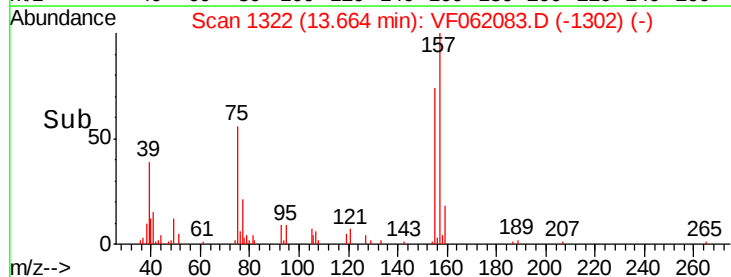
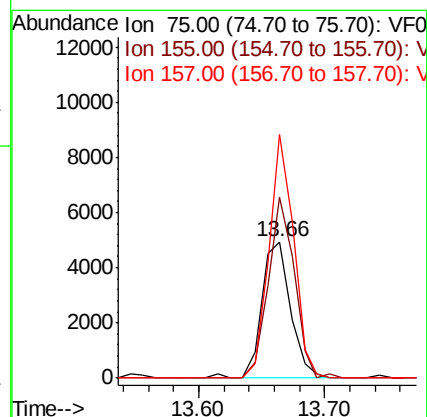
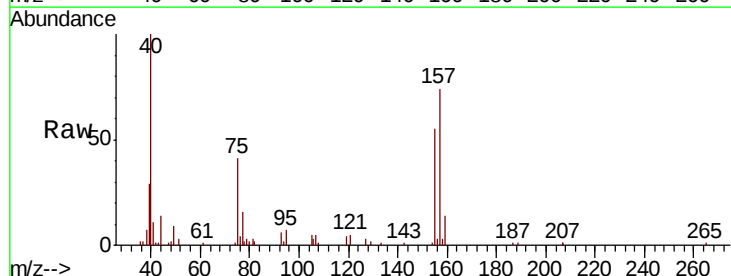
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0322SBS01

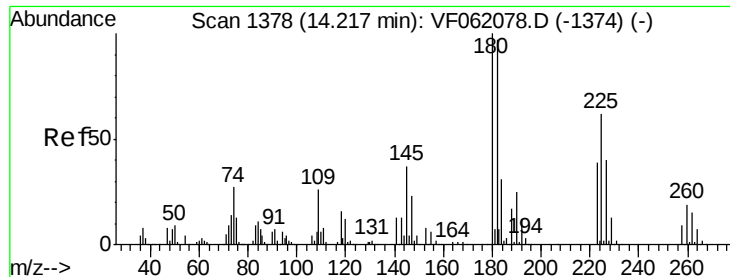
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.4  | 19.1  | 57.3  |
| 148     | 65.3  | 32.8  | 98.3  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 21.718 ug/l  
 RT: 13.66 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VF062083.D  
 Acq: 22 Mar 2019 15:27

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 132.9 | 56.1  | 168.4 |
| 157     | 178.8 | 70.4  | 211.2 |

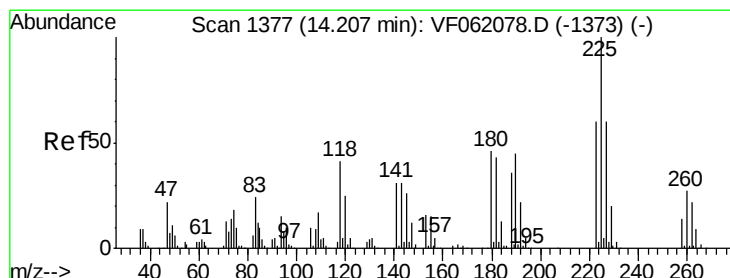
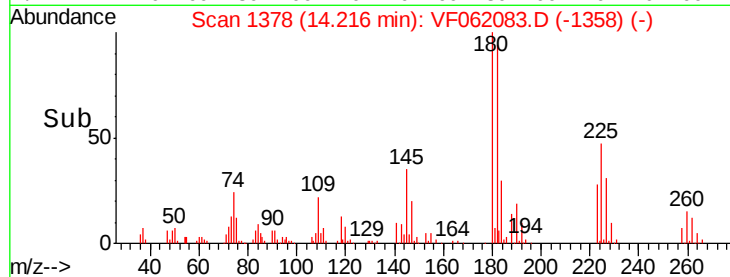
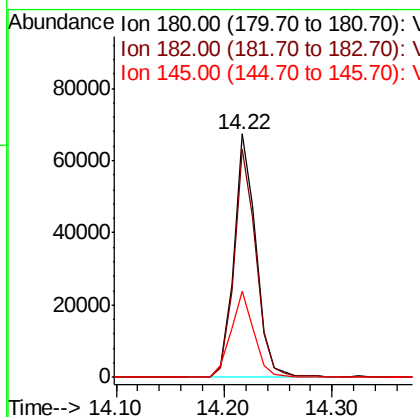
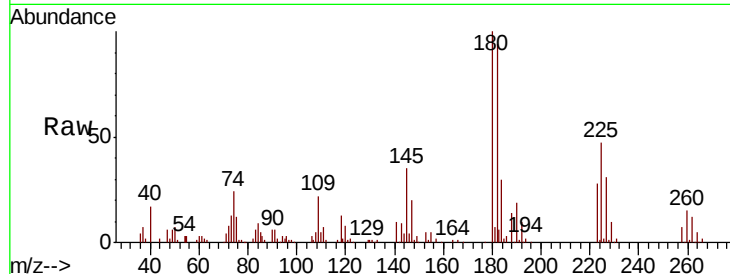




#93  
 1,2,4-Trichlorobenzene  
 Concen: 23.128 ug/l  
 RT: 14.22 min Scan# 1378  
 Delta R.T. -0.00 min  
 Lab File: VF062083.D  
 Acq: 22 Mar 2019 15:27

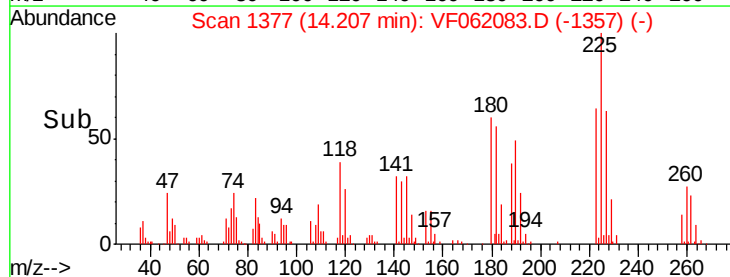
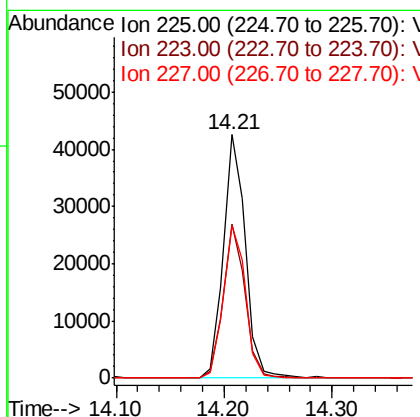
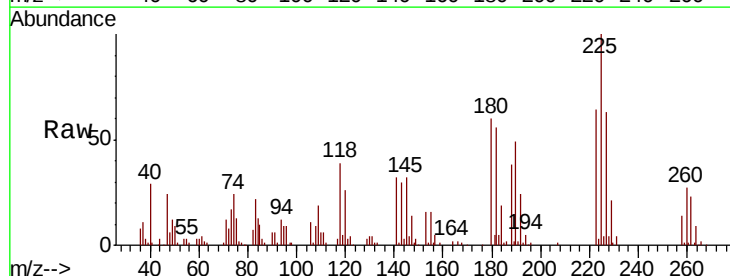
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0322SBS01

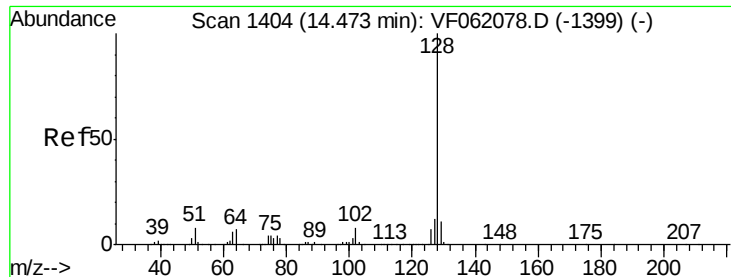
Tot Ion:180 Resp: 95672  
 Ion Ratio Lower Upper  
 180 100  
 182 93.6 48.7 146.1  
 145 35.3 18.3 54.8



#94  
 Hexachlorobutadiene  
 Concen: 21.846 ug/l  
 RT: 14.21 min Scan# 1377  
 Delta R.T. -0.00 min  
 Lab File: VF062083.D  
 Acq: 22 Mar 2019 15:27

Tgt Ion:225 Resp: 60084  
 Ion Ratio Lower Upper  
 225 100  
 223 63.5 30.0 90.0  
 227 62.8 30.2 90.6

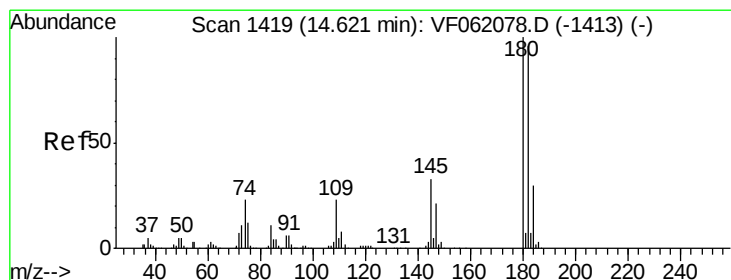
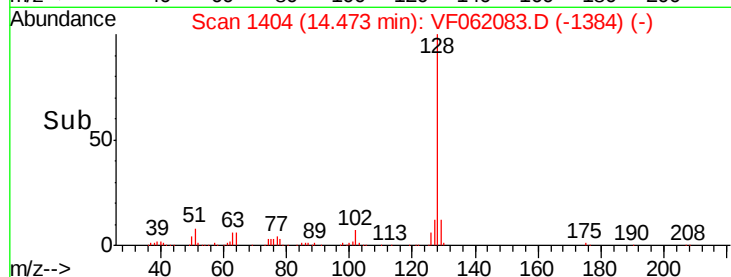
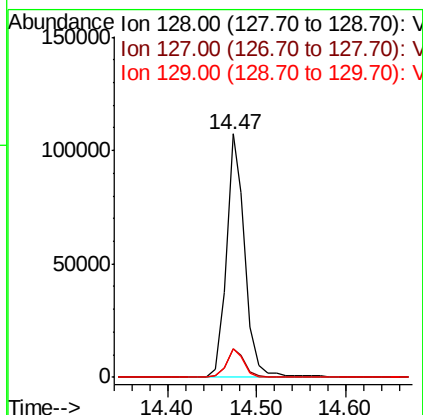
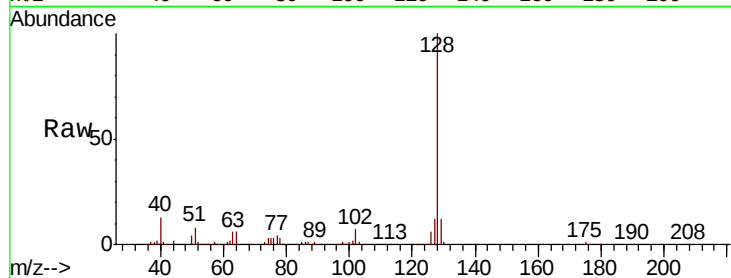




#95  
Naphthalene  
Concen: 21.591 ug/l  
RT: 14.47 min Scan# 1404  
Delta R.T. -0.00 min  
Lab File: VF062083.D  
Acq: 22 Mar 2019 15:27

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0322SBS01

Tot Ion:128 Resp: 156511  
Ion Ratio Lower Upper  
128 100  
127 11.8 9.5 14.3  
129 11.8 8.7 13.1



#96  
1,2,3-Trichlorobenzene  
Concen: 21.961 ug/l  
RT: 14.62 min Scan# 1419  
Delta R.T. -0.00 min  
Lab File: VF062083.D  
Acq: 22 Mar 2019 15:27

Tgt Ion:180 Resp: 85033  
Ion Ratio Lower Upper  
180 100  
182 94.5 47.9 143.7  
145 30.2 16.6 49.7

