

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_F\DATA\VF022619\  
 Data File : VF061743.D  
 Acq On : 26 Feb 2019 15:37  
 Operator : VA/AP  
 Sample : VF0226SBS01  
 Misc : 5.00g/5mL/MSVOA-F/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0226SBS01

Quant Time: Feb 27 04:06:44 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F021319S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Feb 14 03:27:56 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.85  | 168  | 310818   | 50.00 | ug/l  | -0.04    |
| 34) 1,4-Difluorobenzene    | 5.57  | 114  | 475489   | 50.00 | ug/l  | -0.04    |
| 63) Chlorobenzene-d5       | 9.75  | 117  | 406573   | 50.00 | ug/l  | -0.04    |
| 72) 1,4-Dichlorobenzene-d4 | 12.53 | 152  | 231056   | 50.00 | ug/l  | -0.03    |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 4.82  | 65   | 125152   | 54.91 | ug/l    | -0.04    |
| Spiked Amount               |       |      | Recovery | =     | 109.82% |          |
| 35) Dibromofluoromethane    | 4.09  | 113  | 182499   | 51.68 | ug/l    | -0.03    |
| Spiked Amount               |       |      | Recovery | =     | 103.36% |          |
| 50) Toluene-d8              | 7.53  | 98   | 533621   | 52.57 | ug/l    | -0.03    |
| Spiked Amount               |       |      | Recovery | =     | 105.14% |          |
| 62) 4-Bromofluorobenzene    | 11.40 | 95   | 208094   | 50.67 | ug/l    | -0.02    |
| Spiked Amount               |       |      | Recovery | =     | 101.34% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 0.96 | 85   | 89543    | 25.086  | ug/l   | 94     |
| 3) Chloromethane              | 1.10 | 50   | 85758    | 22.899  | ug/l   | 98     |
| 4) Vinyl Chloride             | 1.13 | 62   | 81038    | 23.276  | ug/l   | 91     |
| 5) Bromomethane               | 1.32 | 94   | 53944    | 22.513  | ug/l   | 94     |
| 6) Chloroethane               | 1.39 | 64   | 40038    | 23.336  | ug/l   | 97     |
| 7) Trichlorofluoromethane     | 1.48 | 101  | 69249    | 16.491  | ug/l   | 96     |
| 8) Diethyl Ether              | 1.62 | 74   | 21448    | 20.268  | ug/l   | 87     |
| 9) 1,1,2-Trichlorotrifluoroet | 1.83 | 101  | 67662    | 22.336  | ug/l   | 90     |
| 10) Methyl Iodide             | 1.90 | 142  | 102957   | 17.792  | ug/l   | 95     |
| 11) Tert butyl alcohol        | 2.57 | 59   | 13283    | 100.697 | ug/l # | 80     |
| 12) 1,1-Dichloroethene        | 1.79 | 96   | 60948    | 22.883  | ug/l   | 96     |
| 13) Acrolein                  | 1.99 | 56   | 15243    | 91.943  | ug/l   | 99     |
| 14) Allyl chloride            | 2.09 | 41   | 71019    | 21.730  | ug/l   | 98     |
| 15) Acrylonitrile             | 2.93 | 53   | 42084    | 89.944  | ug/l # | 79     |
| 16) Acetone                   | 2.23 | 43   | 56624    | 115.788 | ug/l   | 94     |
| 17) Carbon Disulfide          | 1.83 | 76   | 140582   | 16.792  | ug/l   | 99     |
| 18) Methyl Acetate            | 2.41 | 43   | 23507    | 21.338  | ug/l   | 100    |
| 19) Methyl tert-butyl Ether   | 2.41 | 73   | 98254    | 21.585  | ug/l   | 97     |
| 20) Methylene Chloride        | 2.17 | 84   | 21764    | 6.092   | ug/l   | 94     |
| 21) trans-1,2-Dichloroethene  | 2.30 | 96   | 61078    | 21.095  | ug/l   | 96     |
| 22) Diisopropyl ether         | 2.79 | 45   | 158531   | 20.207  | ug/l   | 96     |
| 23) Vinyl Acetate             | 3.17 | 43   | 368946   | 96.284  | ug/l   | 100    |
| 24) 1,1-Dichloroethane        | 2.86 | 63   | 97004    | 20.432  | ug/l   | 99     |
| 25) 2-Butanone                | 4.31 | 43   | 106617   | 99.810  | ug/l   | 99     |
| 26) 2,2-Dichloropropane       | 3.58 | 77   | 46546    | 23.145  | ug/l   | 96     |
| 27) cis-1,2-Dichloroethene    | 3.46 | 96   | 78835    | 20.744  | ug/l   | 97     |
| 28) Bromochloromethane        | 3.70 | 49   | 45578    | 20.008  | ug/l   | 92     |
| 29) Tetrahydrofuran           | 4.05 | 42   | 44911    | 92.504  | ug/l   | 95     |
| 30) Chloroform                | 3.84 | 83   | 119639   | 22.159  | ug/l   | 100    |
| 31) Cyclohexane               | 3.67 | 56   | 62851    | 12.229  | ug/l   | 92     |
| 32) 1,1,1-Trichloroethane     | 4.07 | 97   | 69504    | 19.652  | ug/l   | 97     |
| 36) 1,1-Dichloropropene       | 4.25 | 75   | 101637   | 21.578  | ug/l   | 91     |
| 37) Ethyl Acetate             | 4.09 | 43   | 38316    | 17.513  | ug/l # | 76     |
| 38) Carbon Tetrachloride      | 3.96 | 117  | 69609    | 21.402  | ug/l   | 98     |

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 Quant Title : SW846 8260  
 QLast Update : Thu Feb 14 03:27:56 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 5.43  | 83   | 108501   | 19.477  | ug/l   | 100      |
| 40) Benzene                    | 4.61  | 78   | 254776   | 20.679  | ug/l   | 100      |
| 41) Methacrylonitrile          | 4.72  | 41   | 21402    | 19.129  | ug/l   | 90       |
| 42) 1,2-Dichloroethane         | 4.92  | 62   | 59527    | 20.198  | ug/l   | 95       |
| 43) Isopropyl Acetate          | 6.94  | 43   | 45048    | 17.395  | ug/l # | 92       |
| 44) Trichloroethene            | 5.48  | 130  | 84140    | 21.118  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 6.21  | 63   | 61019    | 20.489  | ug/l   | 99       |
| 46) Dibromomethane             | 6.06  | 93   | 36112    | 19.694  | ug/l   | 95       |
| 47) Bromodichloromethane       | 6.36  | 83   | 83114    | 20.699  | ug/l   | 98       |
| 48) Methyl methacrylate        | 6.69  | 41   | 28656    | 18.387  | ug/l # | 83       |
| 49) 1,4-Dioxane                | 6.68  | 88   | 5868     | 400.540 | ug/l   | 87       |
| 51) 4-Methyl-2-Pentanone       | 8.23  | 43   | 171717   | 92.799  | ug/l   | 99       |
| 52) Toluene                    | 7.60  | 92   | 155589   | 20.822  | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 8.25  | 75   | 69213    | 20.711  | ug/l   | 96       |
| 54) cis-1,3-Dichloropropene    | 7.28  | 75   | 100061   | 22.479  | ug/l   | 94       |
| 55) 1,1,2-Trichloroethane      | 8.47  | 97   | 42399    | 19.313  | ug/l   | 98       |
| 56) Ethyl methacrylate         | 8.60  | 69   | 46385    | 18.977  | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 8.83  | 76   | 67926    | 18.537  | ug/l   | 96       |
| 58) 2-Chloroethyl Vinyl ether  | 7.28  | 63   | 40543    | 96.136  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.47  | 43   | 128540   | 99.098  | ug/l   | 99       |
| 60) Dibromochloromethane       | 8.70  | 129  | 63014    | 20.622  | ug/l   | 97       |
| 61) 1,2-Dibromoethane          | 8.96  | 107  | 45910    | 19.280  | ug/l   | 100      |
| 64) Tetrachloroethene          | 8.13  | 164  | 73727    | 22.185  | ug/l   | 93       |
| 65) Chlorobenzene              | 9.77  | 112  | 168860   | 20.467  | ug/l   | 95       |
| 66) 1,1,1,2-Tetrachloroethane  | 9.91  | 131  | 71395    | 22.084  | ug/l   | 97       |
| 67) Ethyl Benzene              | 9.88  | 91   | 298555   | 21.760  | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.11 | 106  | 218117   | 41.539  | ug/l   | 99       |
| 69) o-Xylene                   | 10.70 | 106  | 120875   | 21.573  | ug/l   | 93       |
| 70) Styrene                    | 10.77 | 104  | 169471   | 21.381  | ug/l   | 99       |
| 71) Bromoform                  | 10.76 | 173  | 35129    | 20.011  | ug/l   | 97       |
| 73) Isopropylbenzene           | 11.10 | 105  | 350621   | 21.313  | ug/l   | 99       |
| 74) N-amyl acetate             | 11.36 | 43   | 78044    | 19.765  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.68 | 83   | 56561    | 19.191  | ug/l   | 98       |
| 76) 1,2,3-Trichloropropane     | 11.78 | 75   | 37457    | 18.693  | ug/l   | 88       |
| 77) Bromobenzene               | 11.48 | 156  | 83571    | 20.563  | ug/l   | 95       |
| 78) n-propylbenzene            | 11.57 | 91   | 368415   | 19.516  | ug/l   | 95       |
| 79) 2-Chlorotoluene            | 11.70 | 91   | 228335   | 21.597  | ug/l   | 95       |
| 80) 1,3,5-Trimethylbenzene     | 11.81 | 105  | 279943   | 21.292  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.85 | 75   | 23560    | 24.525  | ug/l   | 92       |
| 82) 4-Chlorotoluene            | 11.88 | 91   | 222605   | 20.285  | ug/l   | 94       |
| 83) tert-Butylbenzene          | 12.12 | 119  | 313044   | 21.496  | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 12.19 | 105  | 278933   | 21.354  | ug/l   | 96       |
| 85) sec-Butylbenzene           | 12.29 | 105  | 400587   | 21.271  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.44 | 119  | 335907   | 21.254  | ug/l   | 98       |
| 87) 1,3-Dichlorobenzene        | 12.46 | 146  | 160798   | 20.295  | ug/l   | 98       |
| 88) 1,4-Dichlorobenzene        | 12.55 | 146  | 160755   | 21.097  | ug/l   | 97       |
| 89) n-Butylbenzene             | 12.83 | 91   | 328210   | 21.992  | ug/l   | 98       |
| 90) Hexachloroethane           | 12.91 | 117  | 76738    | 20.877  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.93 | 146  | 151765   | 20.139  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.63 | 75   | 8395     | 17.966  | ug/l   | 78       |

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Sample : VF0226SBS01  
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Instrument :  
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Quant Title : SW846 8260  
QLast Update : Thu Feb 14 03:27:56 2019  
Response via : Initial Calibration

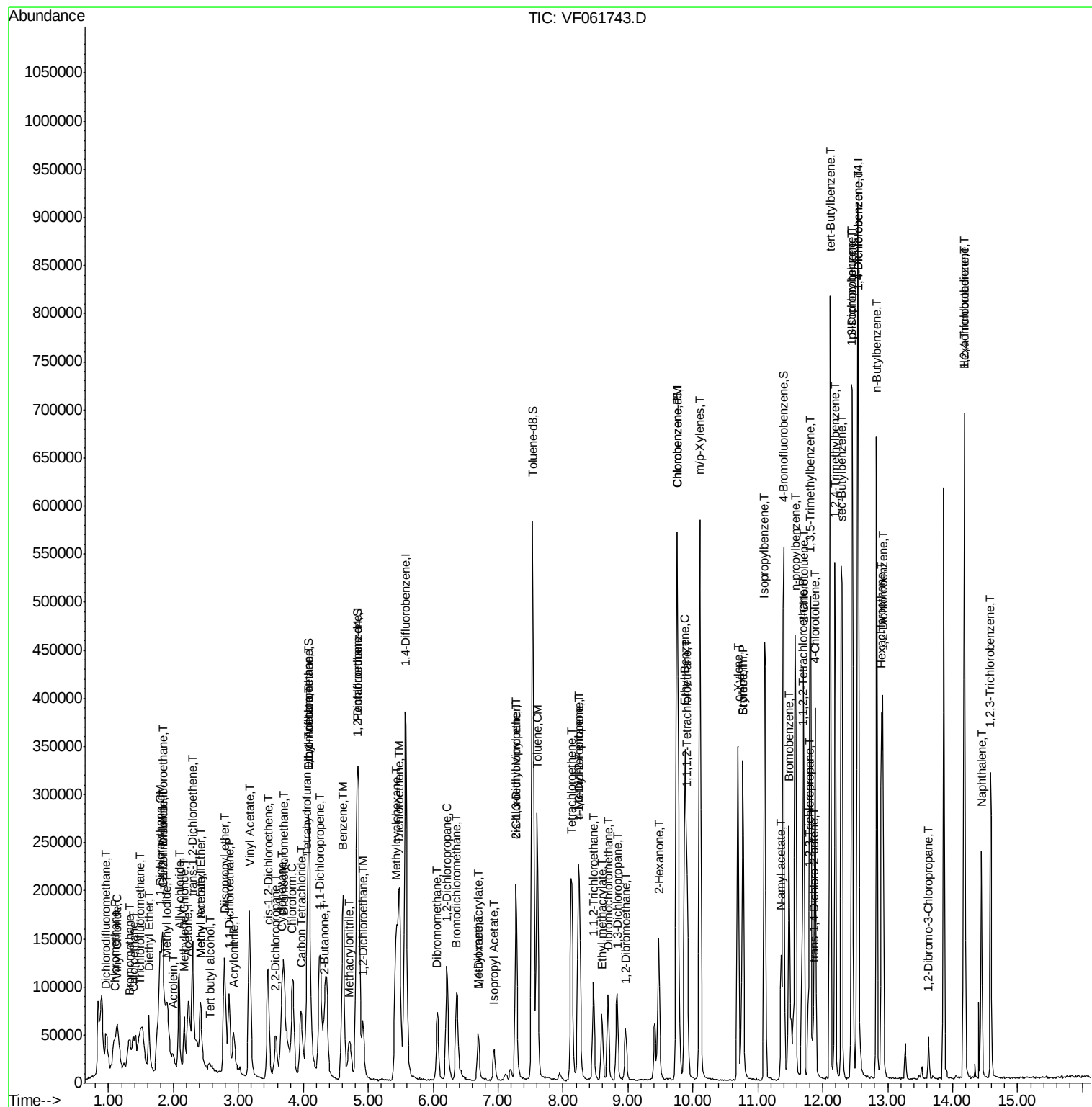
| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.19 | 180  | 116199   | 21.512 | ug/l  | 95       |
| 94) Hexachlorobutadiene    | 14.18 | 225  | 74369    | 22.293 | ug/l  | 97       |
| 95) Naphthalene            | 14.44 | 128  | 186257   | 19.708 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.58 | 180  | 104544   | 21.087 | ug/l  | 93       |

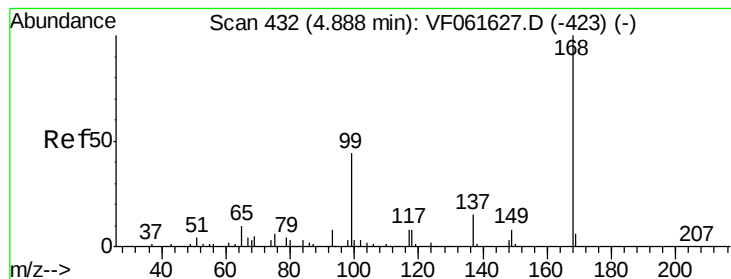
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Quant Title : SW846 8260  
QLast Update : Thu Feb 14 03:27:56 2019  
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.04 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Instrument :

MSVOA\_F

ClientSampleId :

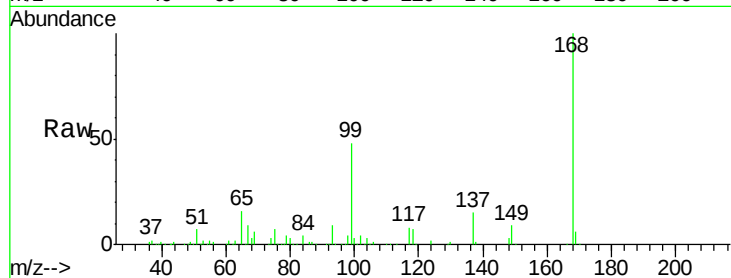
VF0226SBS01

Tot Ion:168 Resp: 310818

Ion Ratio Lower Upper

168 100

99 47.8 34.9 52.3



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

100000

80000

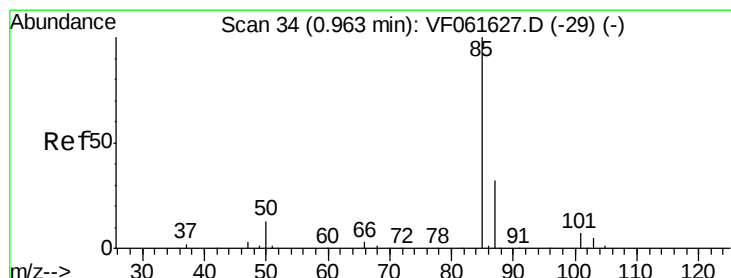
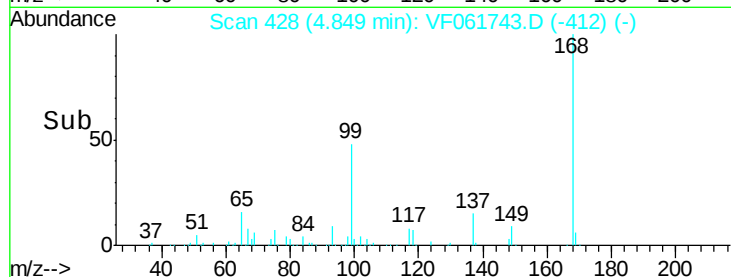
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 25.086 ug/l

RT: 0.96 min Scan# 34

Delta R.T. 0.00 min

Lab File: VF061743.D

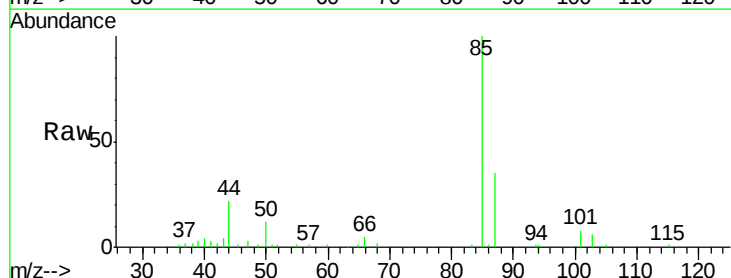
Acq: 26 Feb 2019 15:37

Tgt Ion: 85 Resp: 89543

Ion Ratio Lower Upper

85 100

87 35.4 16.1 48.2



Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.96

25000

20000

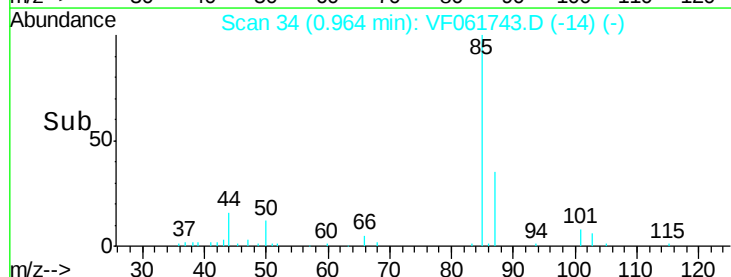
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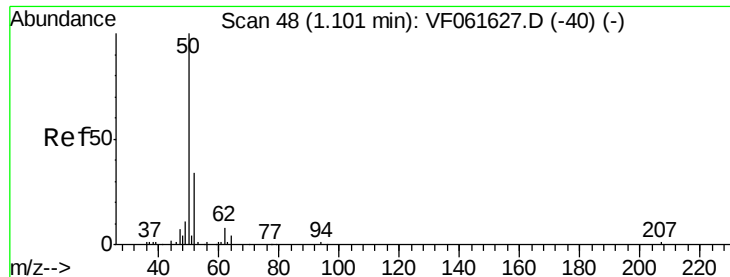
10000

5000

0

Time-->





#3

Chloromethane

Concen: 22.899 ug/l

RT: 1.10 min Scan# 48

Delta R.T. 0.00 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Instrument :

MSVOA\_F

ClientSampleId :

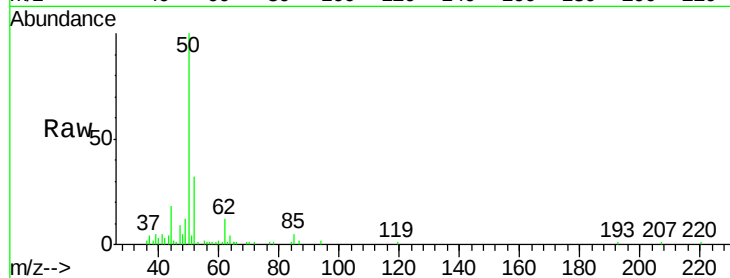
VF0226SBS01

Tot Ion: 50 Resp: 85758

Ion Ratio Lower Upper

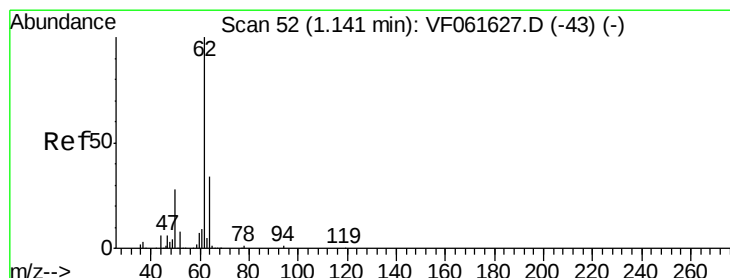
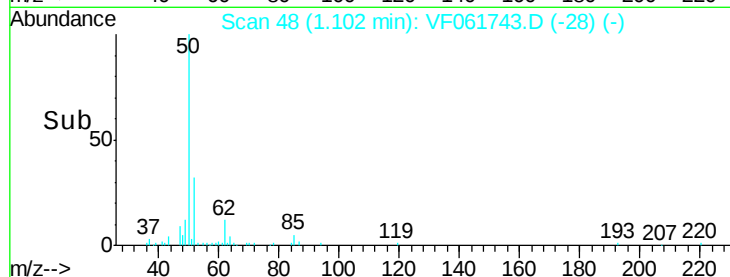
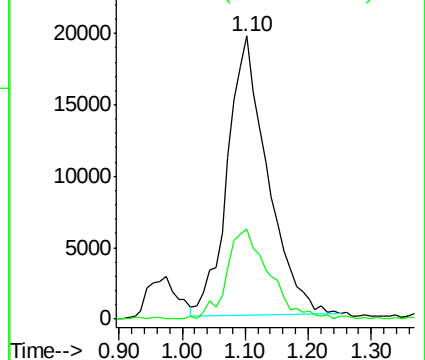
50 100

52 31.7 26.2 39.4



Abundance Ion 50.00 (49.70 to 50.70): VF0

Ion 52.00 (51.70 to 52.70): VF0



#4

Vinyl Chloride

Concen: 23.276 ug/l

RT: 1.13 min Scan# 51

Delta R.T. -0.01 min

Lab File: VF061743.D

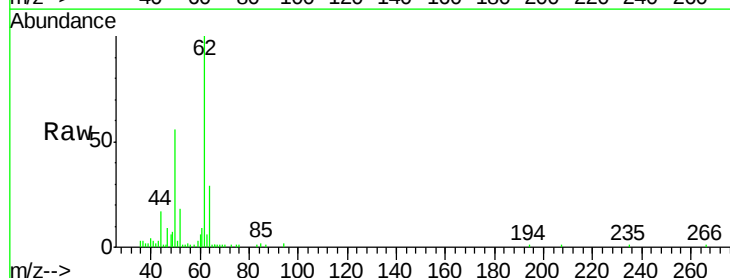
Acq: 26 Feb 2019 15:37

Tgt Ion: 62 Resp: 81038

Ion Ratio Lower Upper

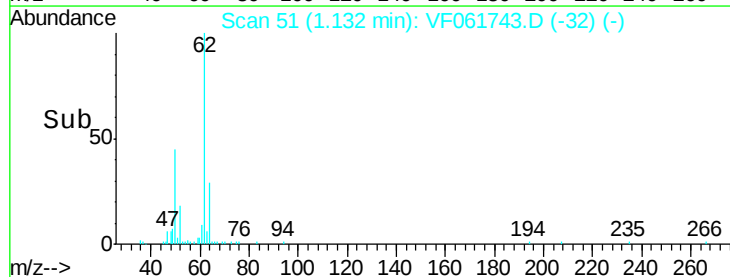
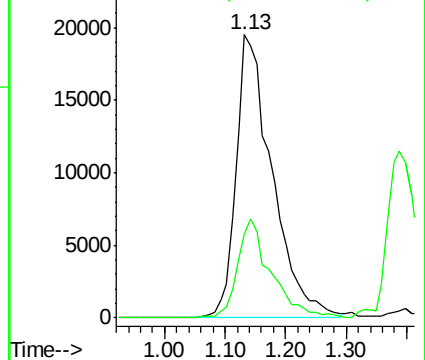
62 100

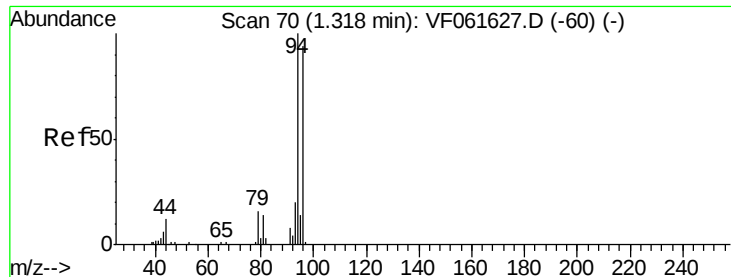
64 29.5 27.5 41.3



Abundance Ion 62.00 (61.70 to 62.70): VF0

Ion 64.00 (63.70 to 64.70): VF0





#5

Bromomethane

Concen: 22.513 ug/l

RT: 1.32 min Scan# 70

Delta R.T. 0.00 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Instrument :

MSVOA\_F

ClientSampleId :

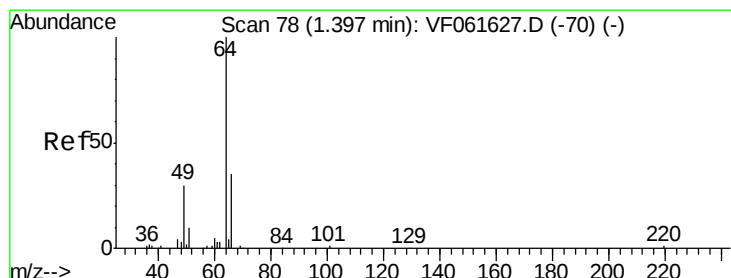
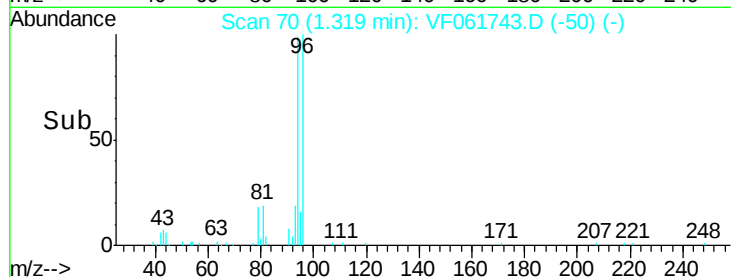
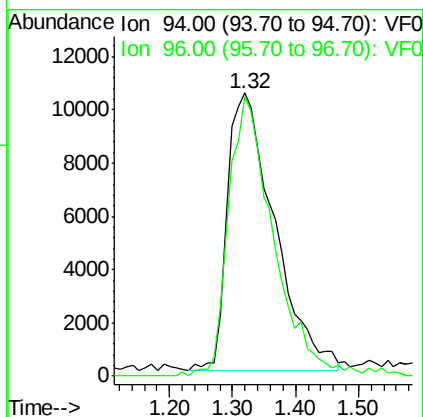
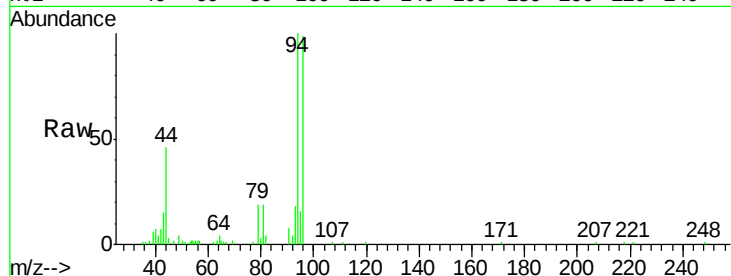
VF0226SBS01

Tot Ion: 94 Resp: 53944

Ion Ratio Lower Upper

94 100

96 98.6 74.6 112.0



#6

Chloroethane

Concen: 23.336 ug/l

RT: 1.39 min Scan# 77

Delta R.T. -0.01 min

Lab File: VF061743.D

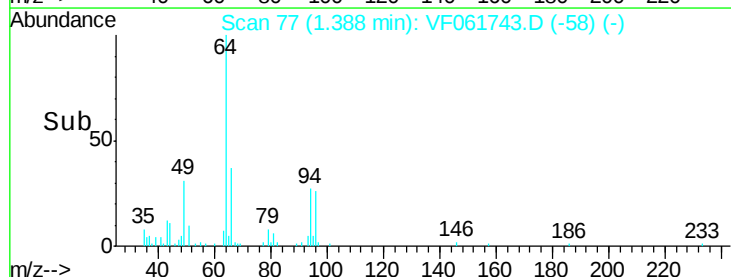
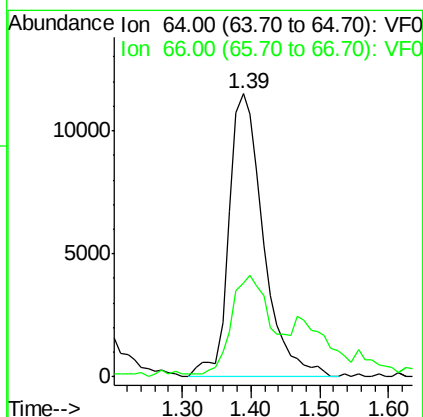
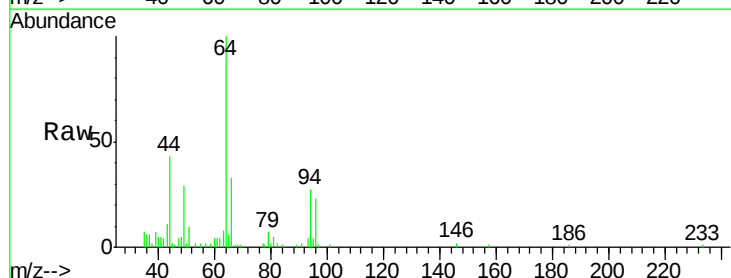
Acq: 26 Feb 2019 15:37

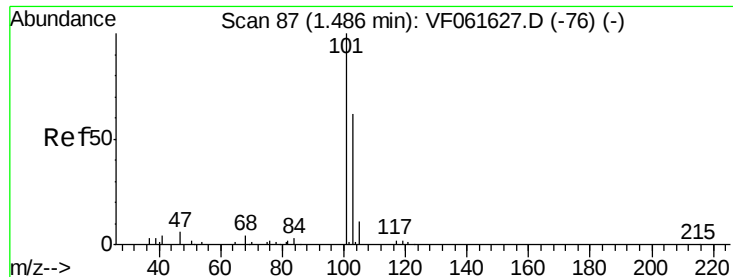
Tgt Ion: 64 Resp: 40038

Ion Ratio Lower Upper

64 100

66 33.0 27.9 41.9





#7

Trichlorofluoromethane

Concen: 16.491 ug/l

RT: 1.48 min Scan# 86

Delta R.T. -0.01 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Instrument :

MSVOA\_F

ClientSampleId :

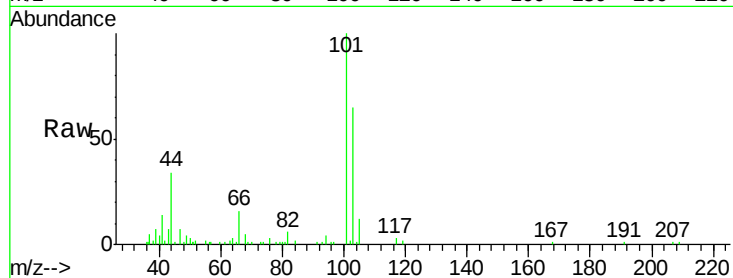
VF0226SBS01

Tot Ion:101 Resp: 69249

Ion Ratio Lower Upper

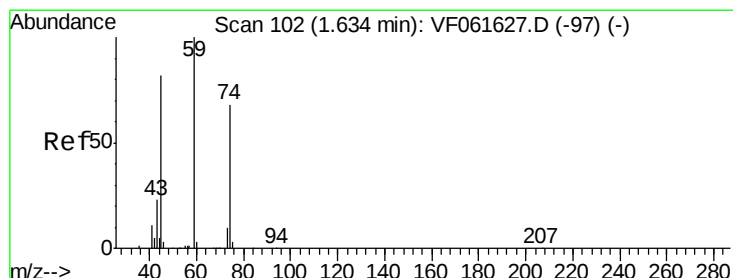
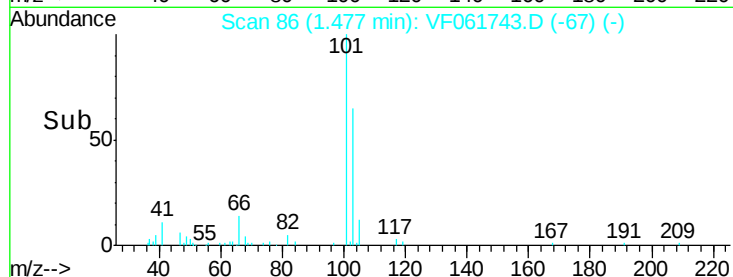
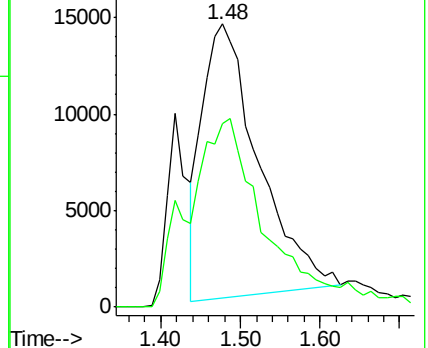
101 100

103 64.7 49.3 73.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 20.268 ug/l

RT: 1.62 min Scan# 101

Delta R.T. -0.01 min

Lab File: VF061743.D

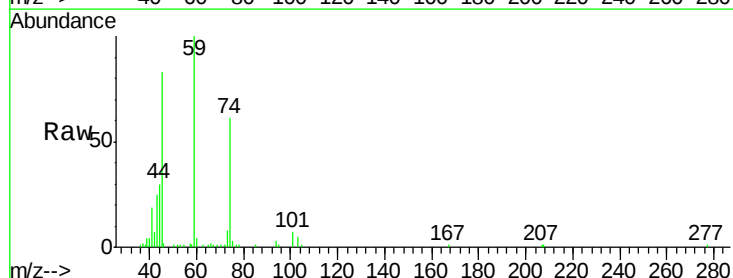
Acq: 26 Feb 2019 15:37

Tgt Ion: 74 Resp: 21448

Ion Ratio Lower Upper

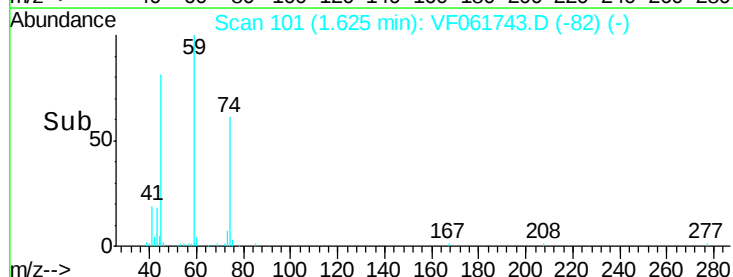
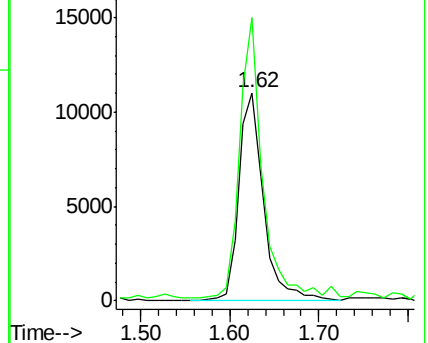
74 100

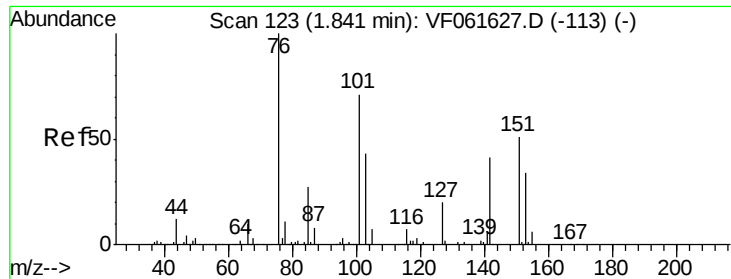
45 136.0 60.8 182.3



Abundance Ion 74.00 (73.70 to 74.70): VF0

Ion 45.00 (44.70 to 45.70): VF0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 22.336 ug/l

RT: 1.83 min Scan# 122

Delta R.T. -0.01 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Instrument :

MSVOA\_F

ClientSampleId :

VF0226SBS01

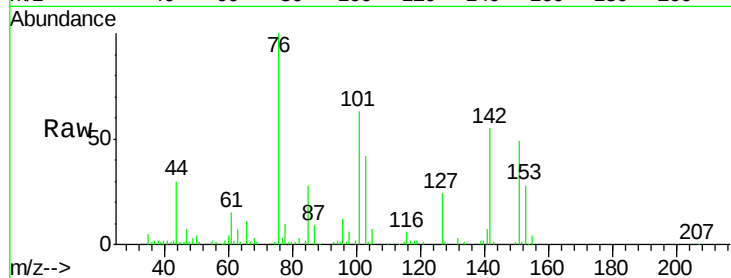
Tot Ion:101 Resp: 67662

Ion Ratio Lower Upper

101 100

85 43.6 29.8 44.6

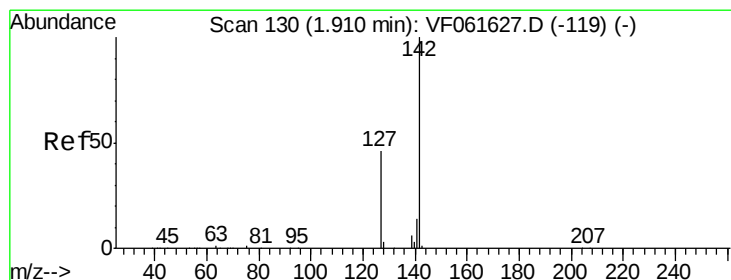
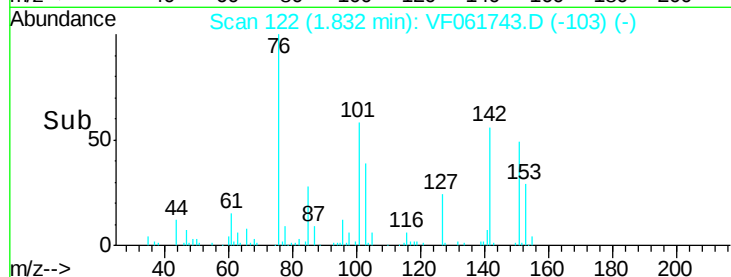
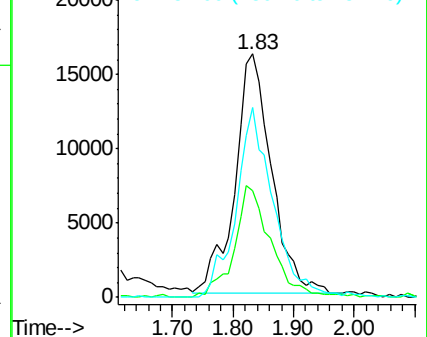
151 78.0 56.3 84.5



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: 17.792 ug/l

RT: 1.90 min Scan# 129

Delta R.T. -0.01 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

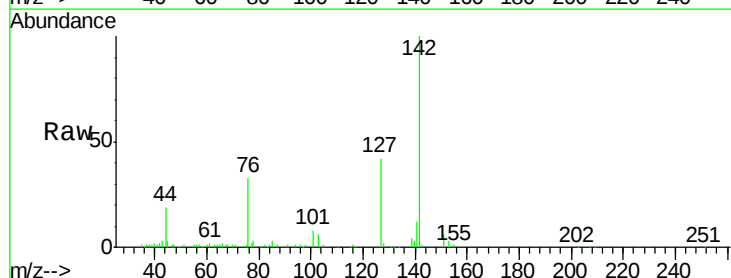
Tgt Ion:142 Resp: 102957

Ion Ratio Lower Upper

142 100

127 42.5 36.6 55.0

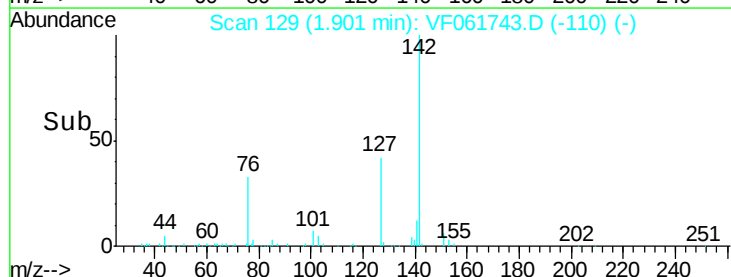
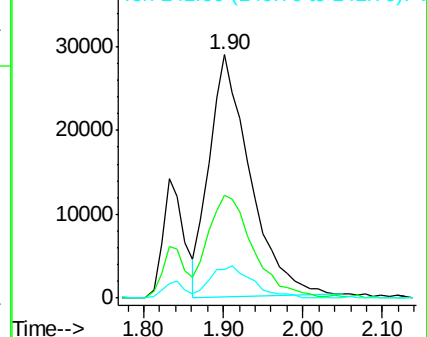
141 12.0 11.0 16.6

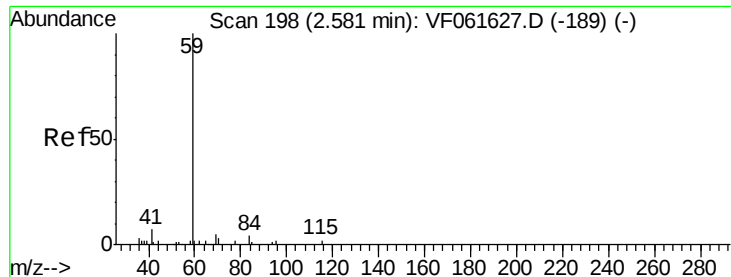


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V



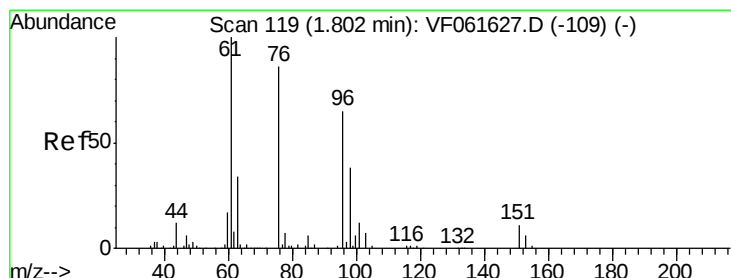
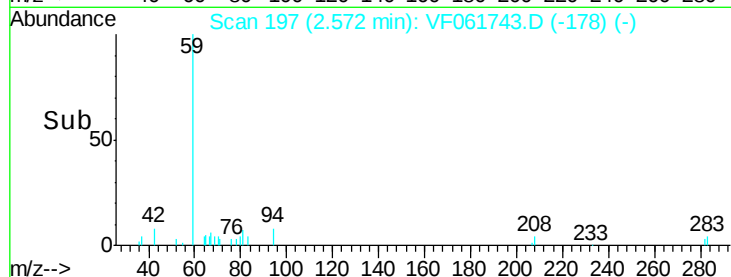
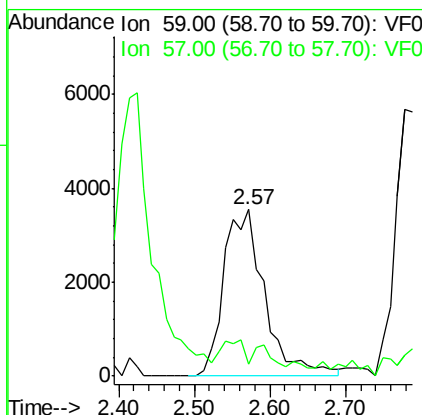
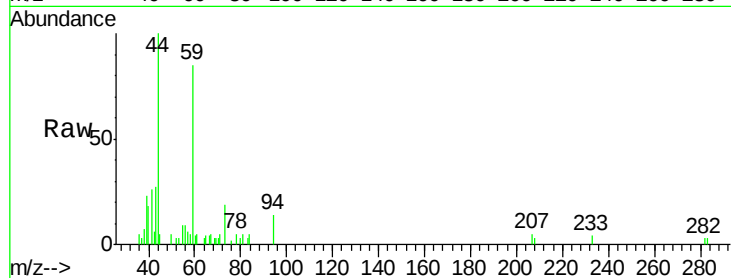


#11

Tert butyl alcohol  
Concen: 100.697 ug/l  
RT: 2.57 min Scan# 197  
Delta R.T. -0.01 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0226SBS01

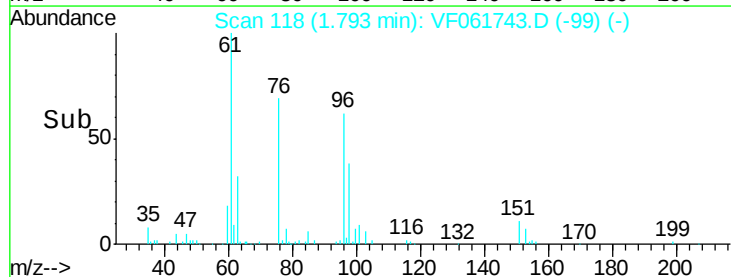
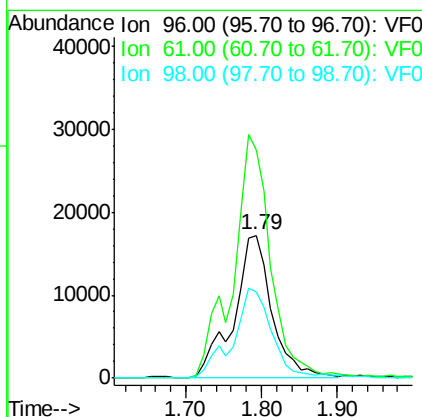
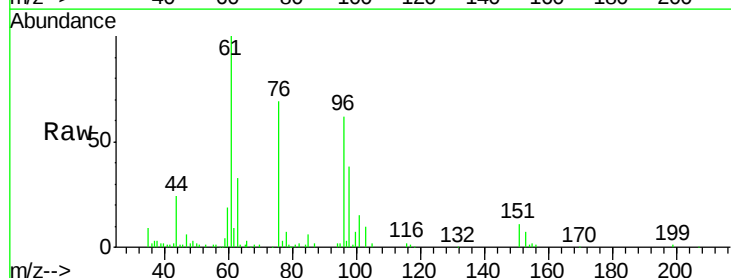
Tot Ion: 59 Resp: 13283  
Ion Ratio Lower Upper  
59 100  
57 7.2 12.5 18.7#

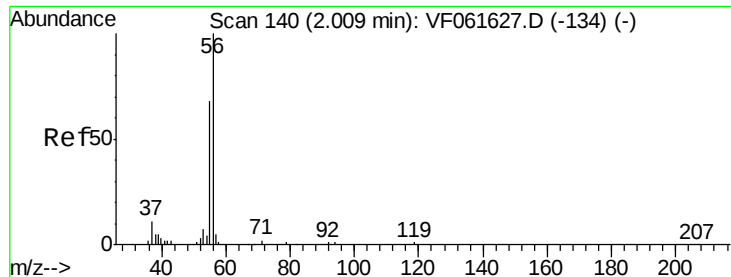


#12

1,1-Dichloroethene  
Concen: 22.883 ug/l  
RT: 1.79 min Scan# 118  
Delta R.T. -0.01 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

Tgt Ion: 96 Resp: 60948  
Ion Ratio Lower Upper  
96 100  
61 160.4 122.6 184.0  
98 60.4 47.2 70.8





#13

Acrolein

Concen: 91.943 ug/l

RT: 1.99 min Scan# 138

Delta R.T. -0.02 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Instrument :

MSVOA\_F

ClientSampleId :

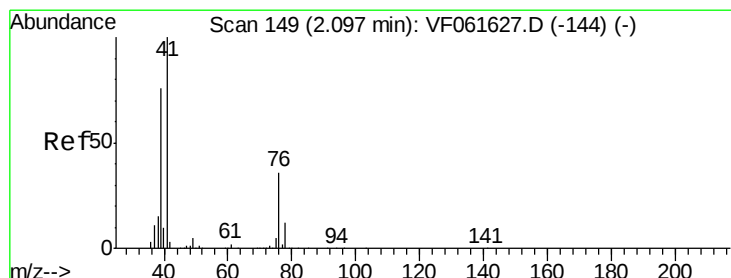
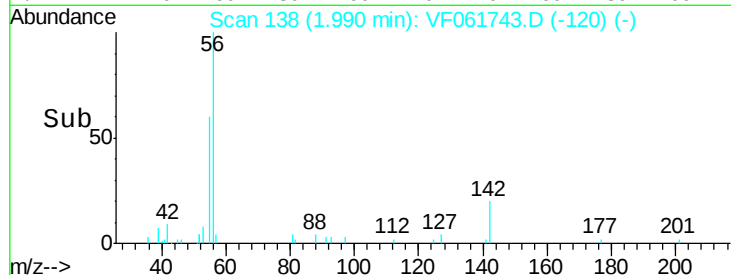
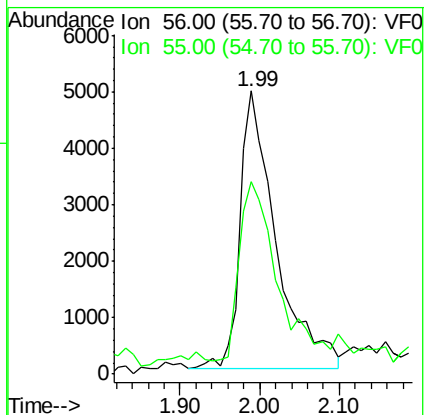
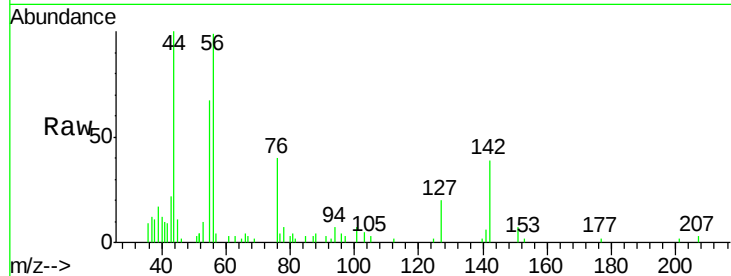
VF0226SBS01

Tot Ion: 56 Resp: 15243

Ion Ratio Lower Upper

56 100

55 68.0 55.0 82.6



#14

Allyl chloride

Concen: 21.730 ug/l

RT: 2.09 min Scan# 148

Delta R.T. -0.01 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

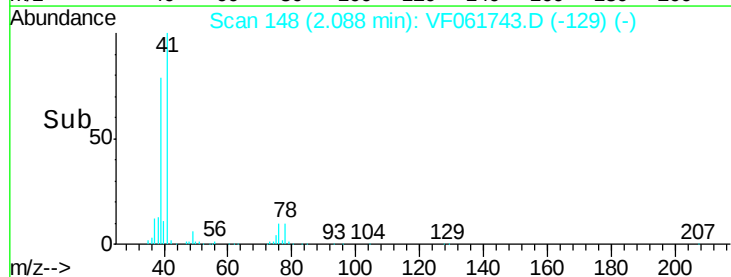
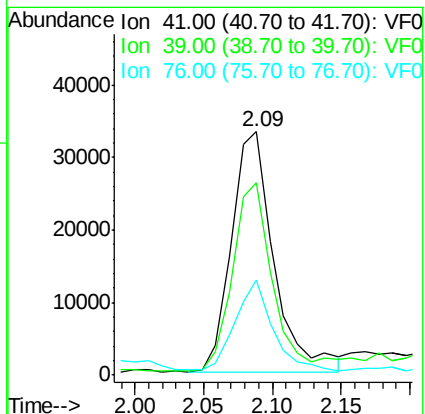
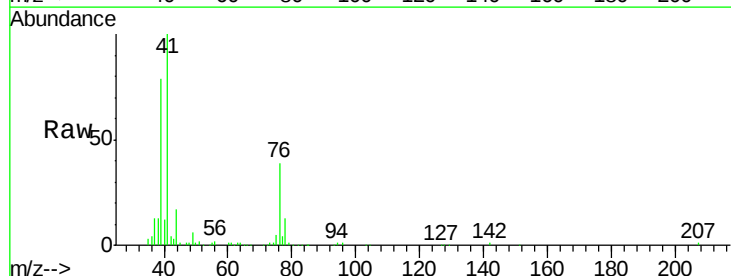
Tgt Ion: 41 Resp: 71019

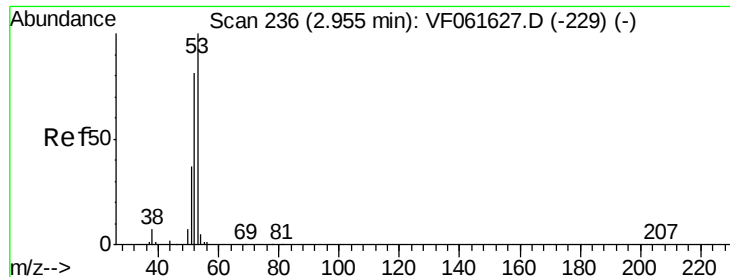
Ion Ratio Lower Upper

41 100

39 79.2 61.6 92.4

76 38.9 30.3 45.5





#15

Acrylonitrile

Concen: 89.944 ug/l

RT: 2.93 min Scan# 233

Delta R.T. -0.03 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Instrument :

MSVOA\_F

ClientSampleId :

VF0226SBS01

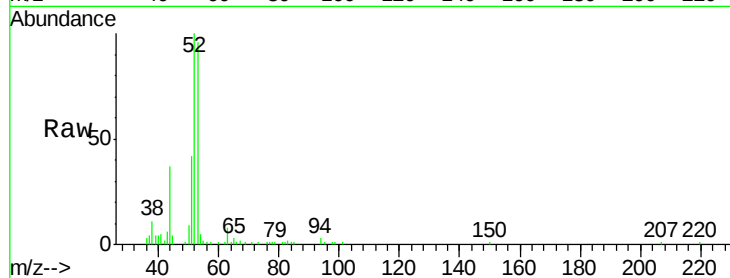
Tot Ion: 53 Resp: 42084

Ion Ratio Lower Upper

53 100

52 104.3 64.6 97.0#

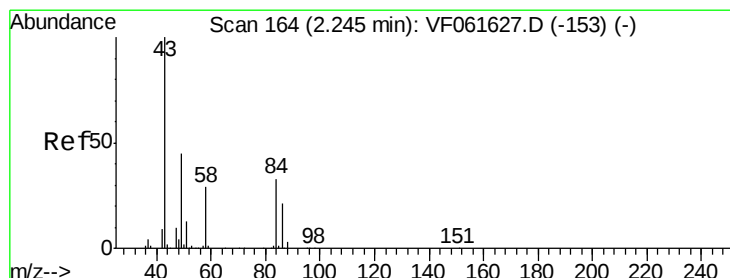
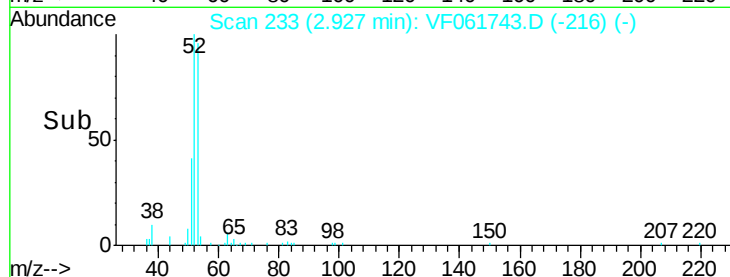
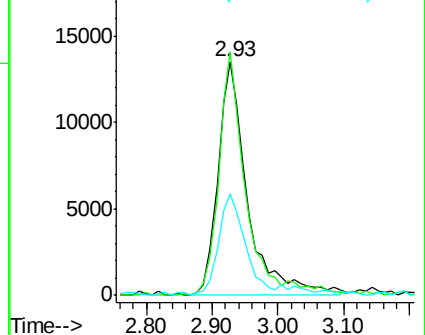
51 43.5 29.8 44.8



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 115.788 ug/l

RT: 2.23 min Scan# 162

Delta R.T. -0.02 min

Lab File: VF061743.D

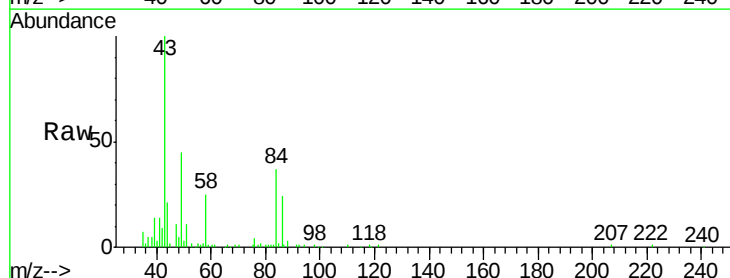
Acq: 26 Feb 2019 15:37

Tgt Ion: 43 Resp: 56624

Ion Ratio Lower Upper

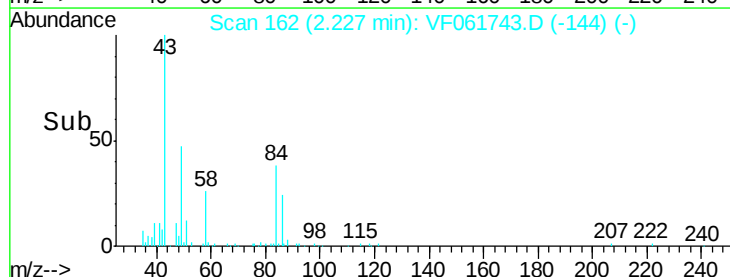
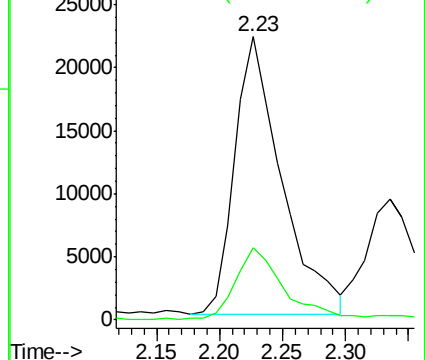
43 100

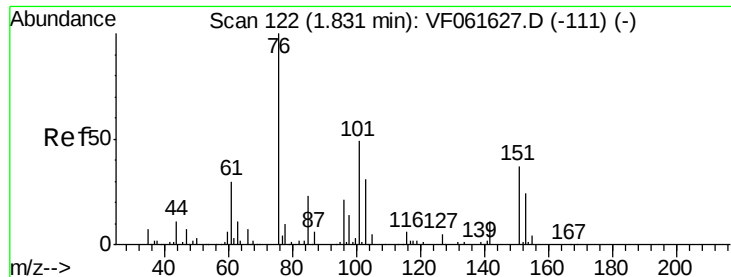
58 25.3 22.9 34.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

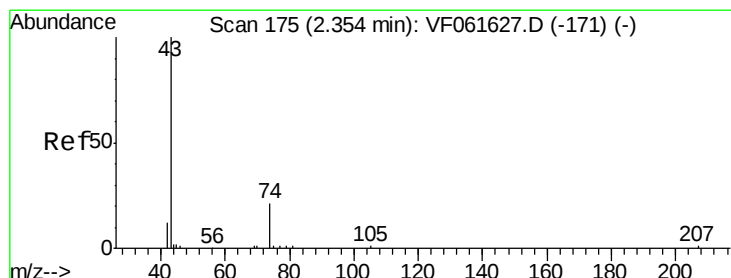
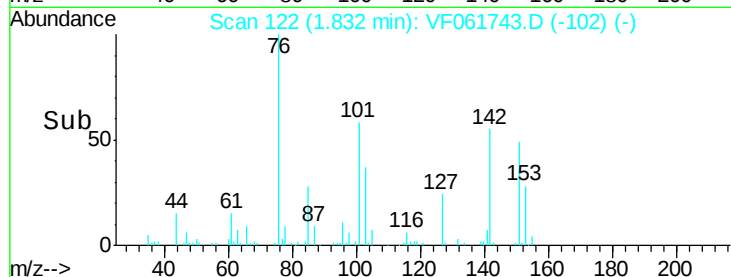
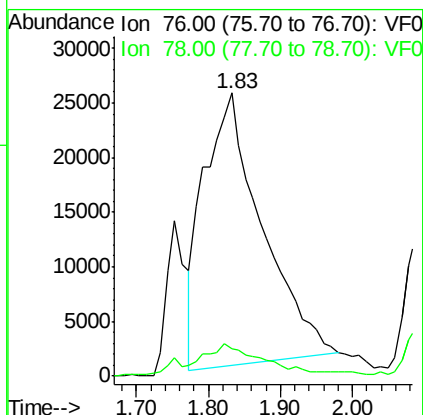
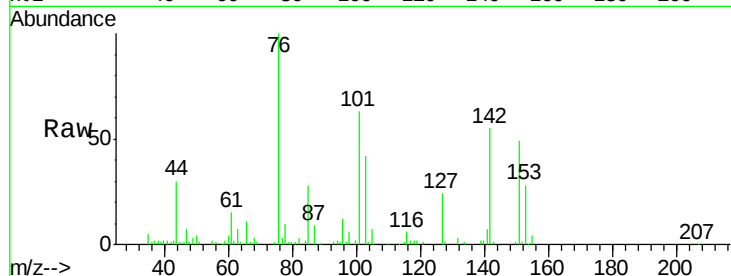




#17  
Carbon Disulfide  
Concen: 16.792 ug/l  
RT: 1.83 min Scan# 122  
Delta R.T. 0.00 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

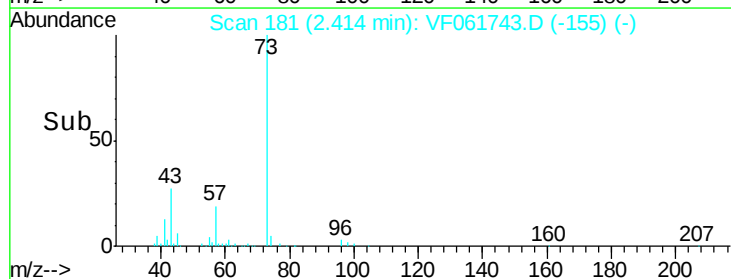
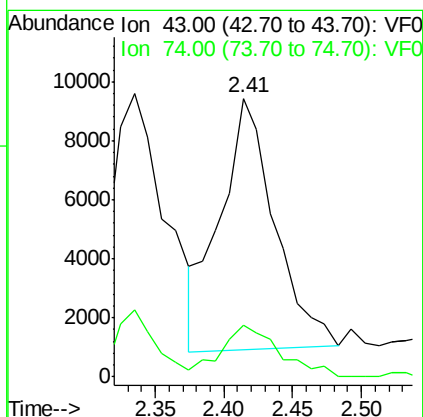
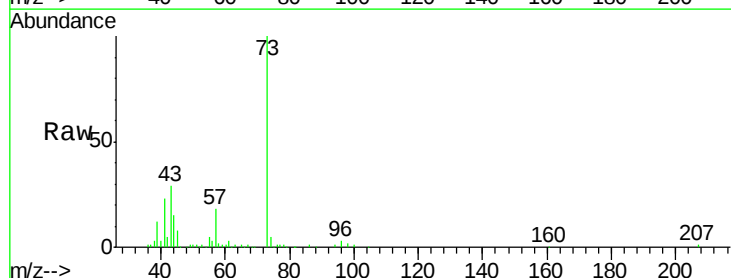
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0226SBS01

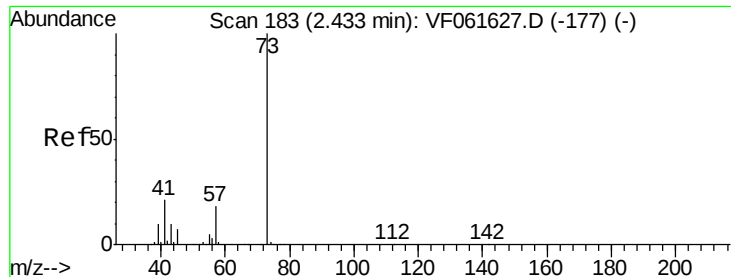
Tot Ion: 76 Resp: 140582  
Ion Ratio Lower Upper  
76 100  
78 9.7 7.9 11.9



#18  
Methyl Acetate  
Concen: 21.338 ug/l  
RT: 2.41 min Scan# 181  
Delta R.T. 0.06 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

Tgt Ion: 43 Resp: 23507  
Ion Ratio Lower Upper  
43 100  
74 18.4 14.6 21.8

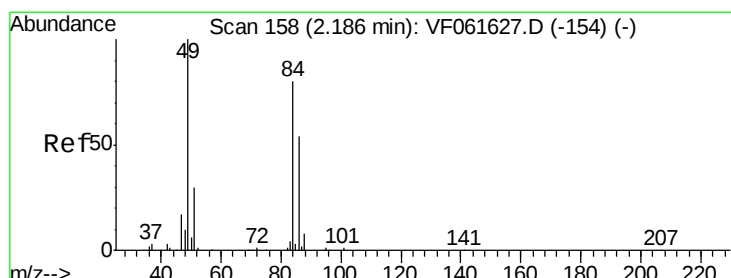
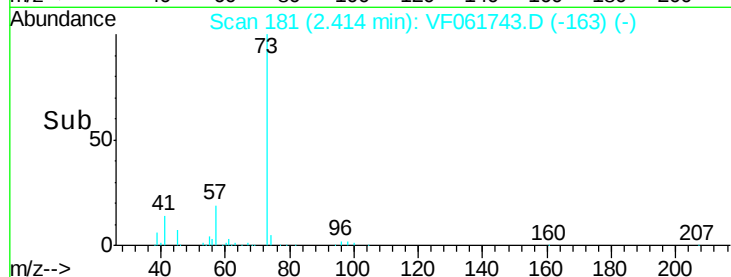
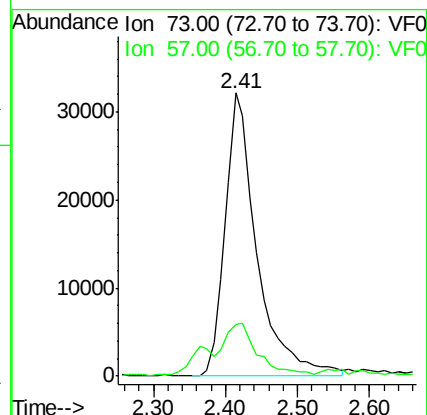
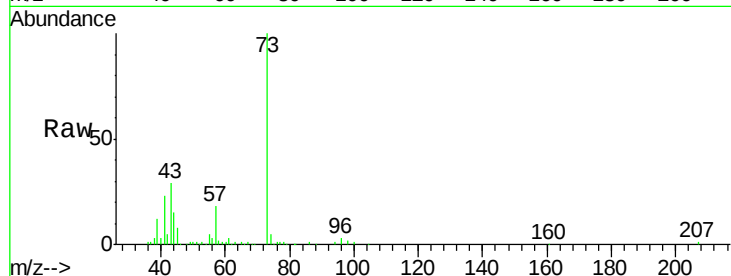




#19  
Methvl tert-butvl Ether  
Concen: 21.585 ug/l  
RT: 2.41 min Scan# 181  
Delta R.T. -0.02 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

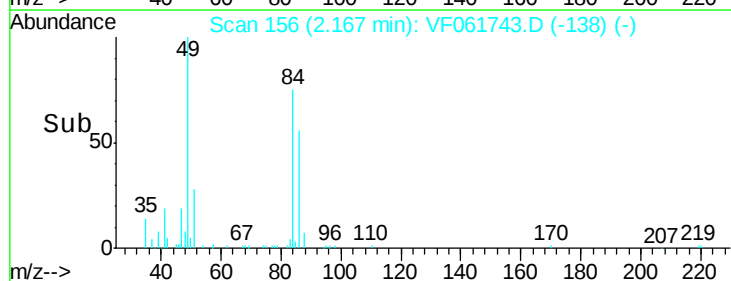
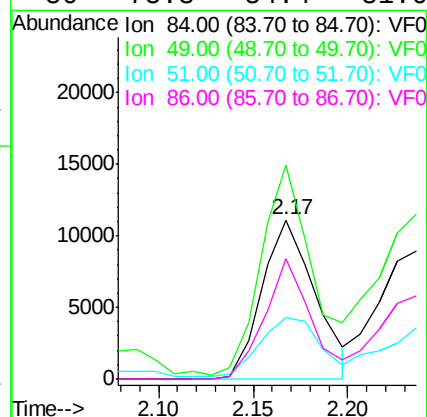
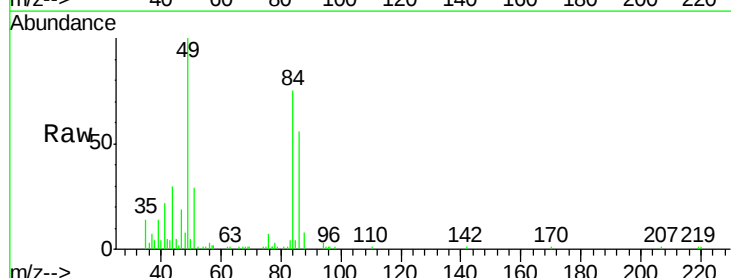
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0226SBS01

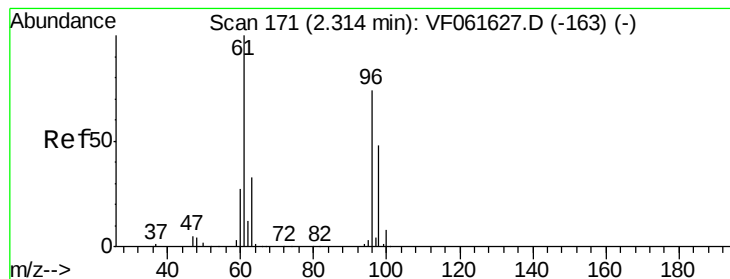
Tot Ion: 73 Resp: 98254  
Ion Ratio Lower Upper  
73 100  
57 18.5 15.8 23.8



#20  
Methylene Chloride  
Concen: 6.092 ug/l  
RT: 2.17 min Scan# 156  
Delta R.T. -0.02 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

Tgt Ion: 84 Resp: 21764  
Ion Ratio Lower Upper  
84 100  
49 134.1 101.8 152.8  
51 38.5 31.1 46.7  
86 75.3 54.4 81.6





#21

trans-1,2-Dichloroethene

Concen: 21.095 ug/l

RT: 2.30 min Scan# 169

Delta R.T. -0.02 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Instrument :

MSVOA\_F

ClientSampleId :

VF0226SBS01

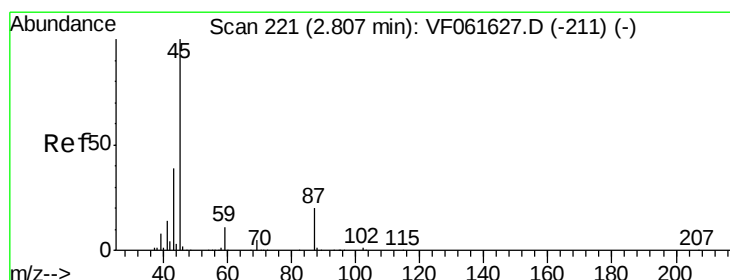
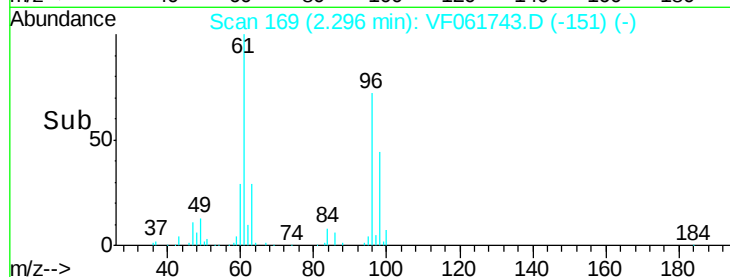
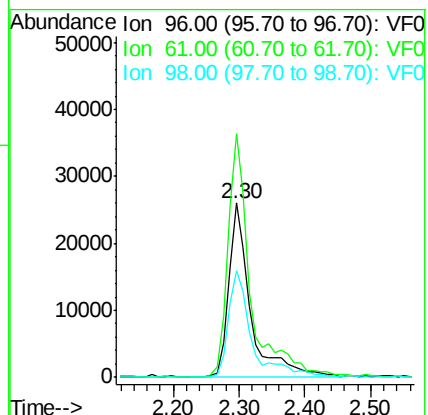
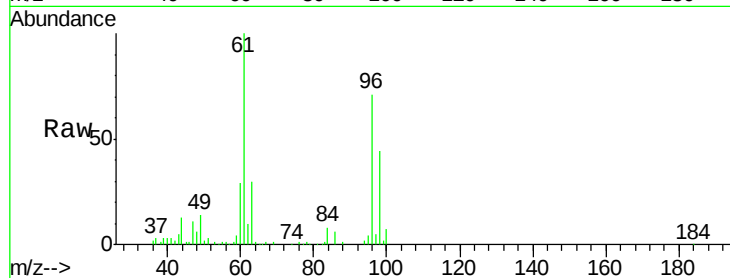
Tot Ion: 96 Resp: 61078

Ion Ratio Lower Upper

96 100

61 139.9 108.2 162.4

98 61.7 52.2 78.2



#22

Diisopropyl ether

Concen: 20.207 ug/l

RT: 2.79 min Scan# 219

Delta R.T. -0.02 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Tgt Ion: 45 Resp: 158531

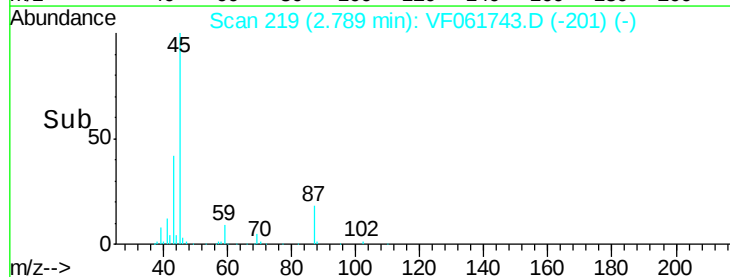
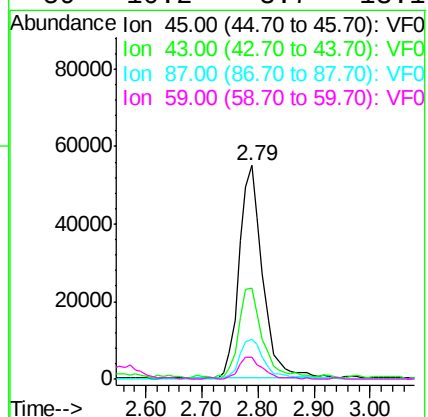
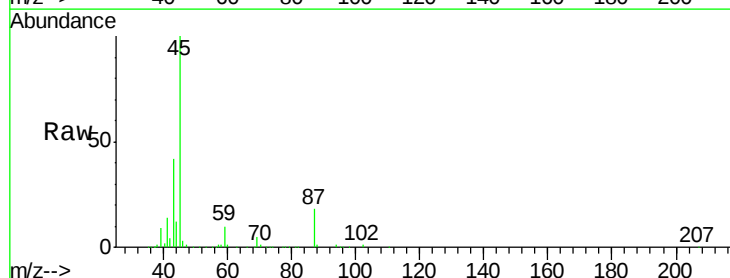
Ion Ratio Lower Upper

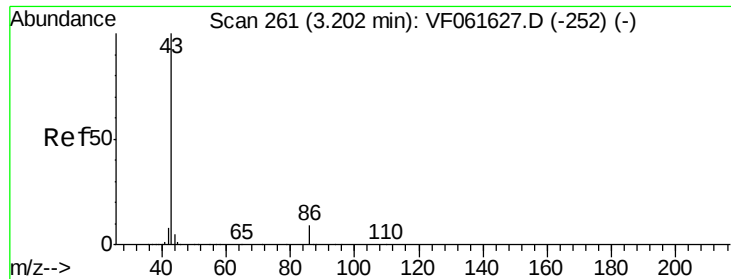
45 100

43 42.3 31.4 47.2

87 18.3 16.3 24.5

59 10.2 8.7 13.1





#23

Vinyl Acetate

Concen: 96.284 ug/l

RT: 3.17 min Scan# 258

Delta R.T. -0.03 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Instrument :

MSVOA\_F

ClientSampleId :

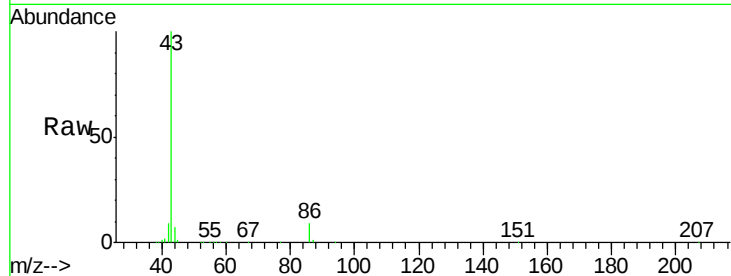
VF0226SBS01

Tot Ion: 43 Resp: 368946

Ion Ratio Lower Upper

43 100

86 9.3 7.5 11.3



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 86.00 (85.70 to 86.70): VF0

3.17

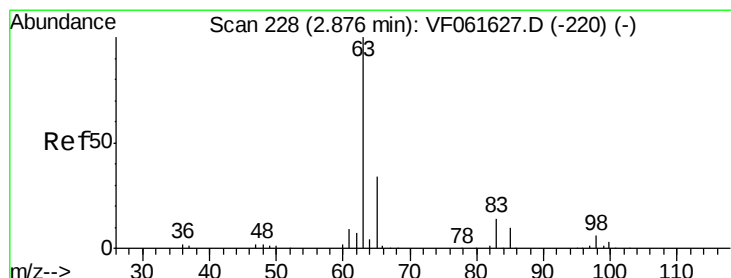
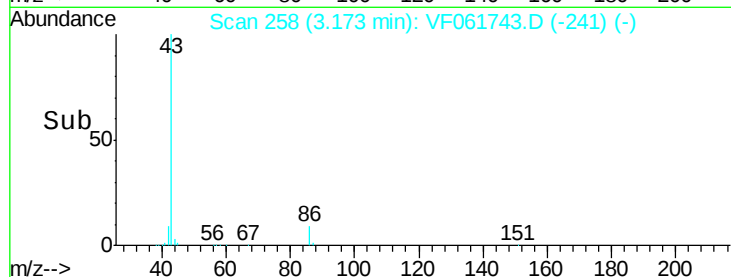
150000

100000

50000

0

Time--> 3.00 3.10 3.20 3.30 3.40



#24

1,1-Dichloroethane

Concen: 20.432 ug/l

RT: 2.86 min Scan# 226

Delta R.T. -0.02 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

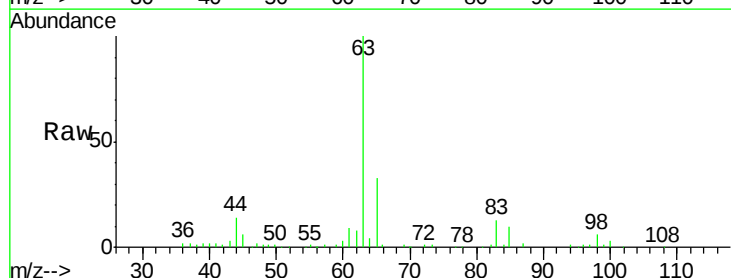
Tgt Ion: 63 Resp: 97004

Ion Ratio Lower Upper

63 100

98 5.9 2.8 8.3

100 3.5 1.8 5.4



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

2.86

50000

40000

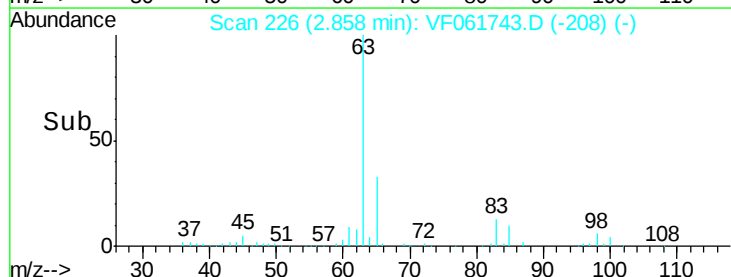
30000

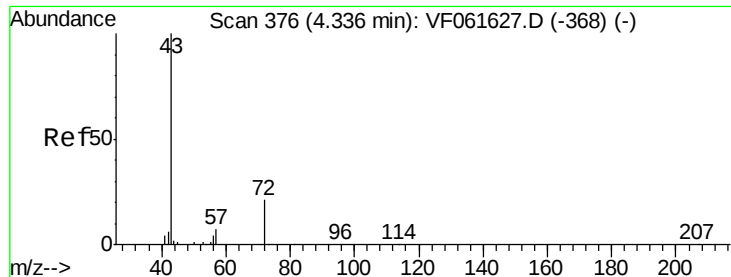
20000

10000

0

Time--> 2.70 2.80 2.90 3.00





#25

2-Butanone

Concen: 99.810 ug/l

RT: 4.31 min Scan# 373

Delta R.T. -0.03 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Instrument :

MSVOA\_F

ClientSampleId :

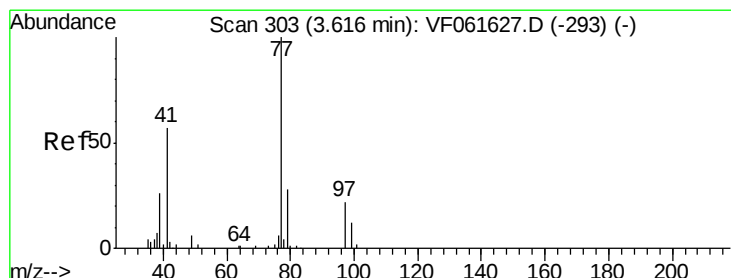
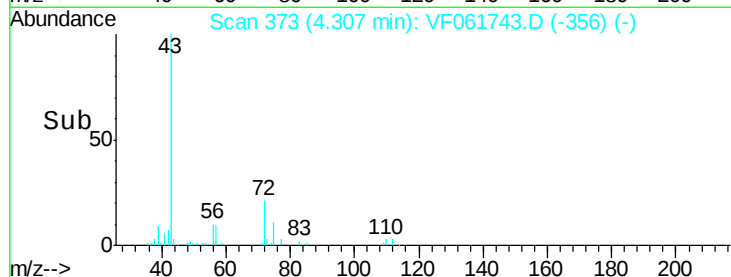
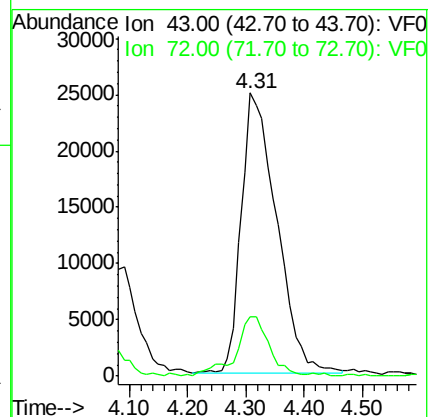
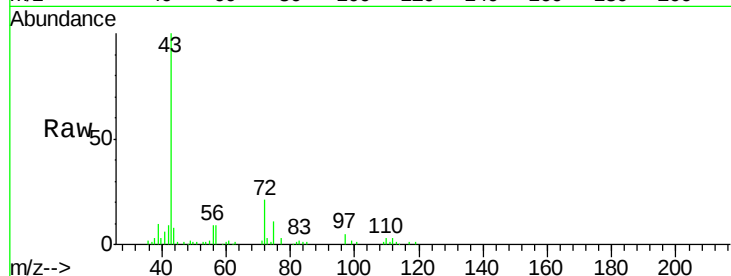
VF0226SBS01

Tot Ion: 43 Resp: 106617

Ion Ratio Lower Upper

43 100

72 20.9 17.1 25.7



#26

2,2-Dichloropropane

Concen: 23.145 ug/l

RT: 3.58 min Scan# 299

Delta R.T. -0.04 min

Lab File: VF061743.D

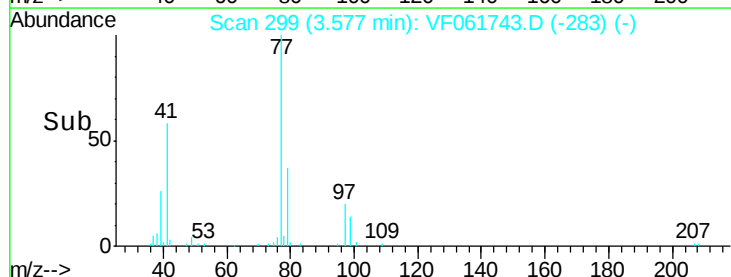
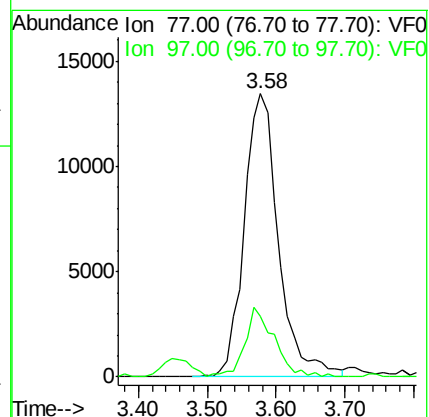
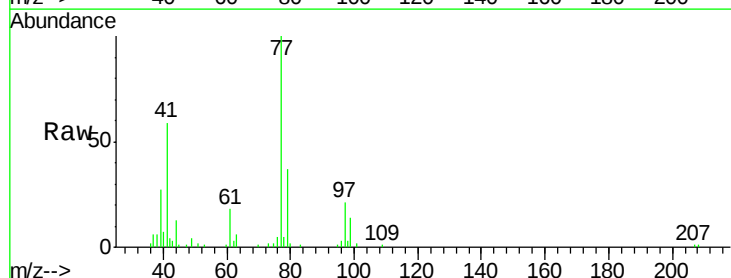
Acq: 26 Feb 2019 15:37

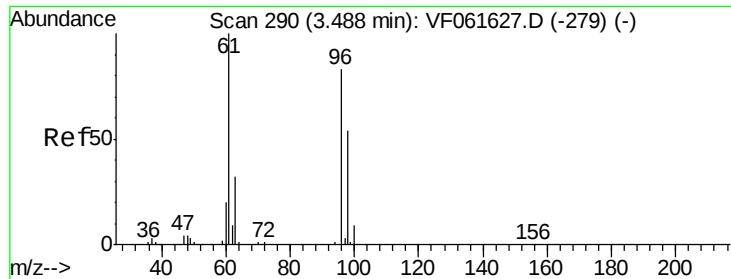
Tgt Ion: 77 Resp: 46546

Ion Ratio Lower Upper

77 100

97 21.5 11.7 35.0



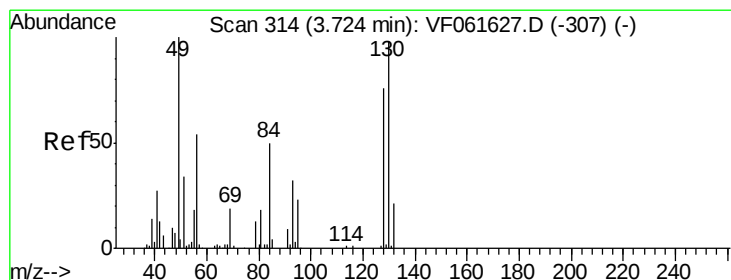
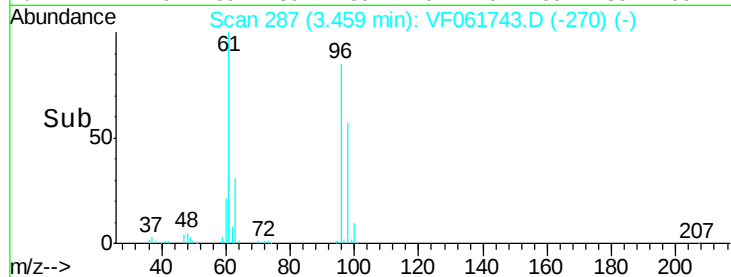
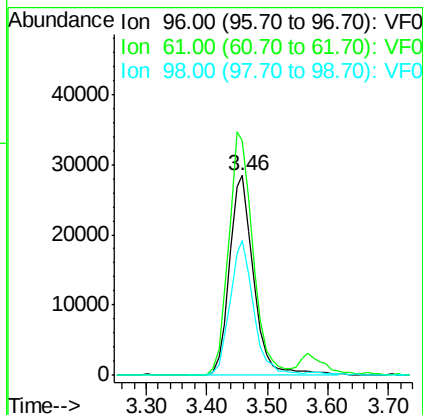
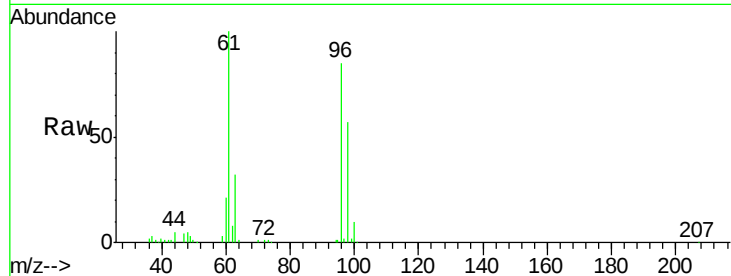


#27

cis-1,2-Dichloroethene  
 Concen: 20.744 ug/l  
 RT: 3.46 min Scan# 287  
 Delta R.T. -0.03 min  
 Lab File: VF061743.D  
 Acq: 26 Feb 2019 15:37

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0226SBS01

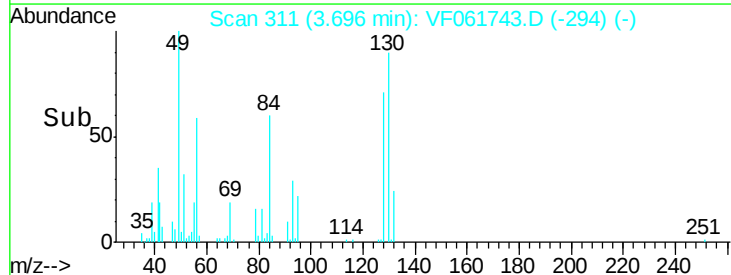
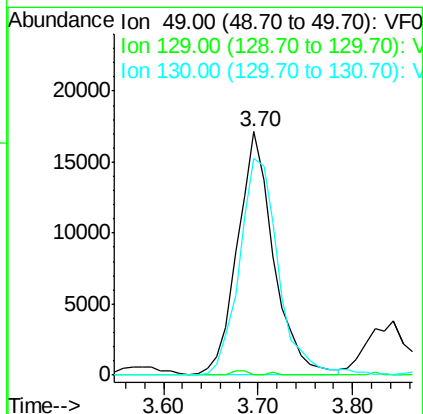
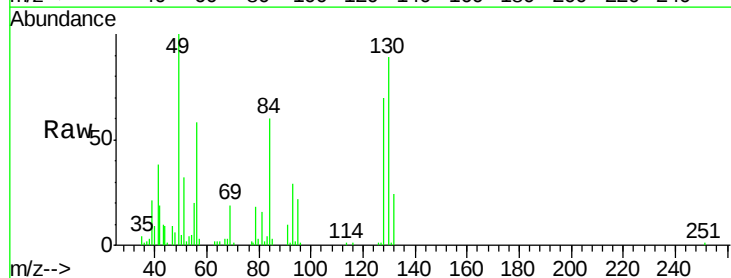
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 117.3 | 0.0   | 241.6 |
| 98      | 67.2  | 0.0   | 130.2 |

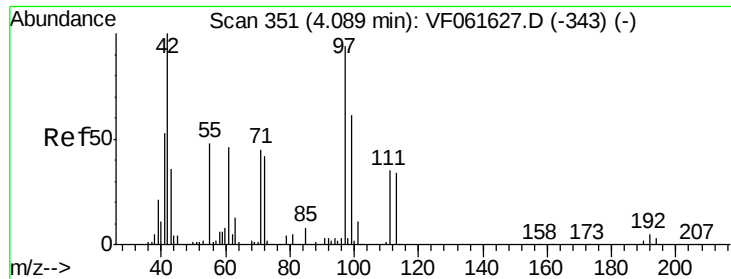


#28

Bromochloromethane  
 Concen: 20.008 ug/l  
 RT: 3.70 min Scan# 311  
 Delta R.T. -0.03 min  
 Lab File: VF061743.D  
 Acq: 26 Feb 2019 15:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 0.0   | 0.0   | 3.4   |
| 130     | 89.0  | 77.7  | 116.5 |

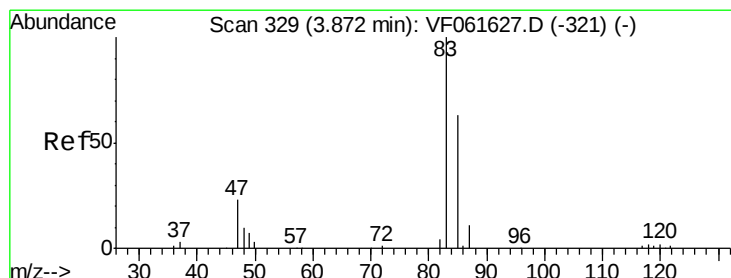
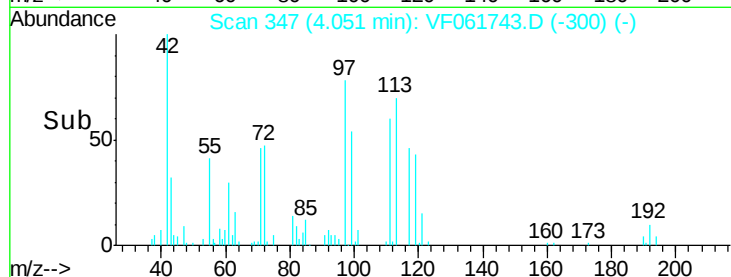
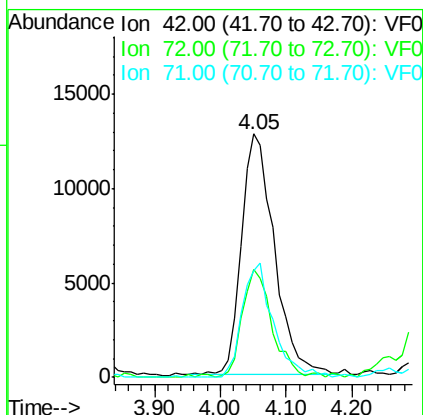
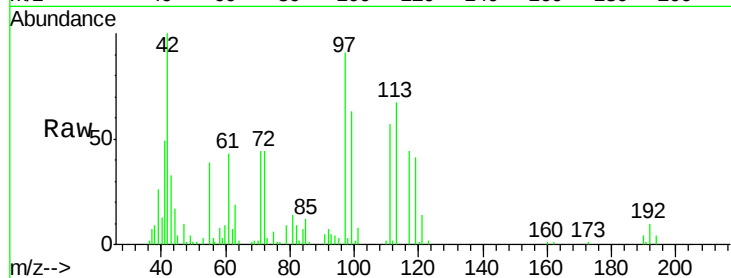




#29  
Tetrahydrofuran  
Concen: 92.504 ug/l  
RT: 4.05 min Scan# 347  
Delta R.T. -0.04 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

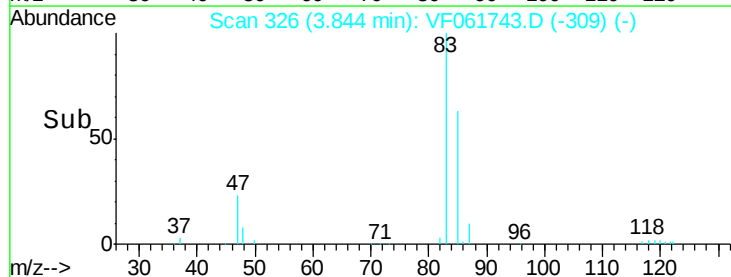
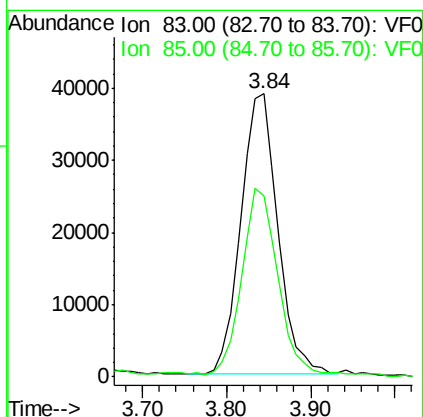
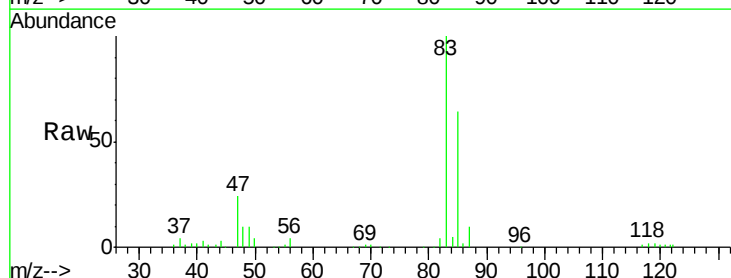
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0226SBS01

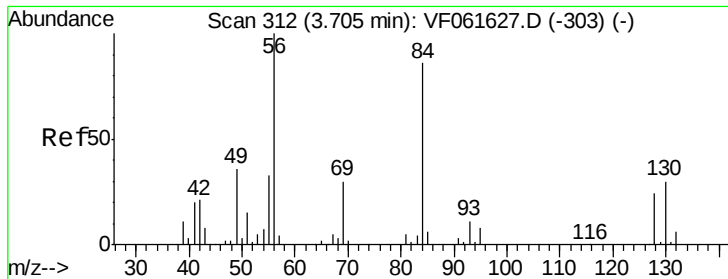
Tot Ion: 42 Resp: 44911  
Ion Ratio Lower Upper  
42 100  
72 40.8 35.2 52.8  
71 44.6 32.9 49.3



#30  
Chloroform  
Concen: 22.159 ug/l  
RT: 3.84 min Scan# 326  
Delta R.T. -0.03 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

Tgt Ion: 83 Resp: 119639  
Ion Ratio Lower Upper  
83 100  
85 64.1 51.1 76.7

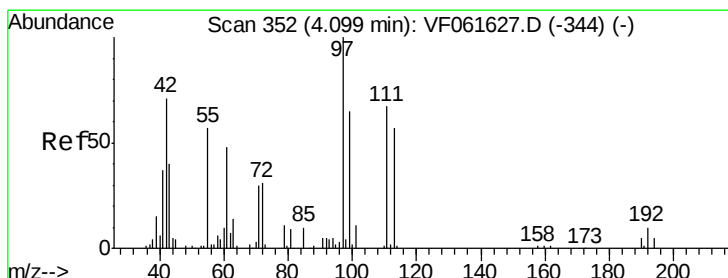
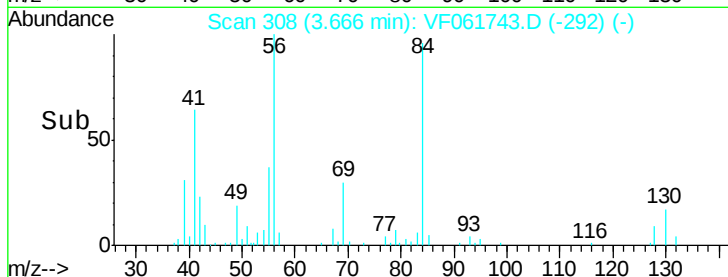
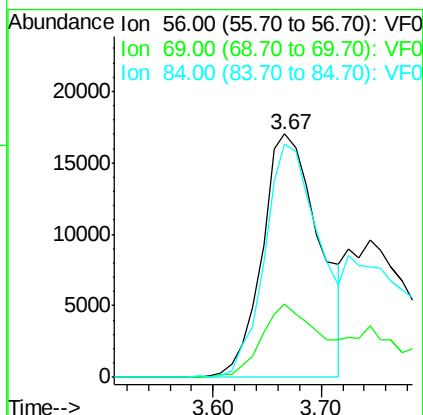
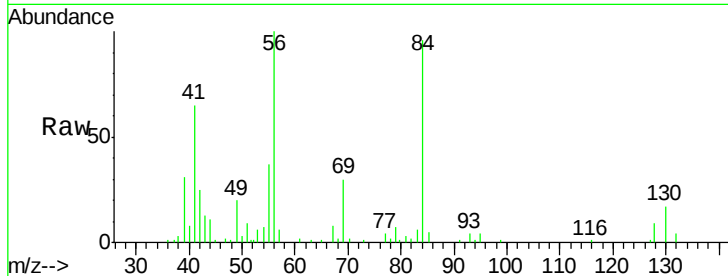




#31  
Cyclohexane  
Concen: 12.229 ug/l  
RT: 3.67 min Scan# 308  
Delta R.T. -0.04 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

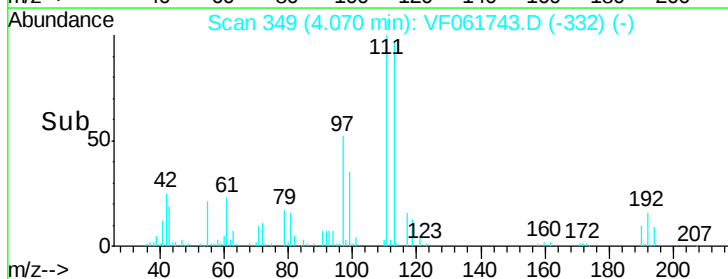
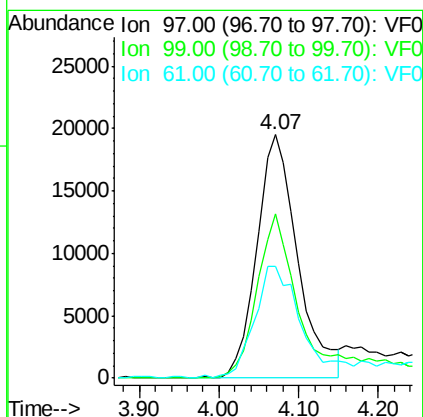
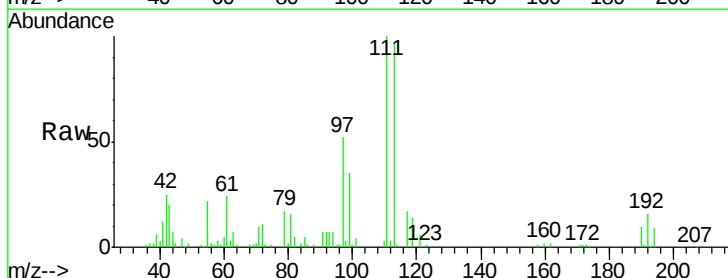
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0226SBS01

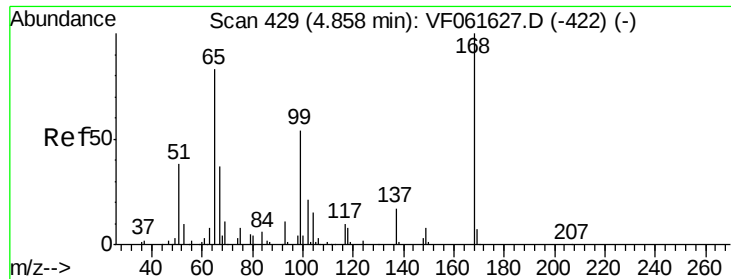
Tot Ion: 56 Resp: 62851  
Ion Ratio Lower Upper  
56 100  
69 30.3 23.8 35.8  
84 95.7 68.6 103.0



#32  
1,1,1-Trichloroethane  
Concen: 19.652 ug/l  
RT: 4.07 min Scan# 349  
Delta R.T. -0.03 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

Tgt Ion: 97 Resp: 69504  
Ion Ratio Lower Upper  
97 100  
99 67.3 52.2 78.2  
61 46.0 39.2 58.8





#33

1,2-Dichloroethane-d4

Concen: 54.909 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.04 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Instrument :

MSVOA\_F

ClientSampleId :

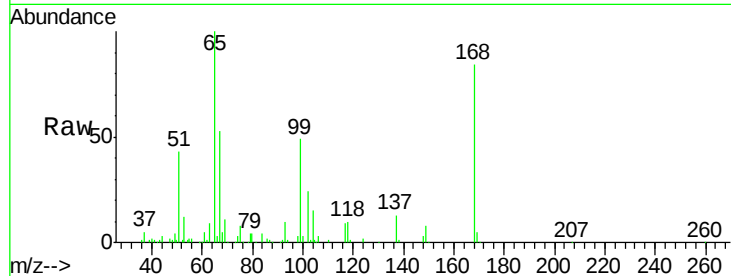
VF0226SBS01

Tot Ion: 65 Resp: 125152

Ion Ratio Lower Upper

65 100

67 52.7 0.0 104.0



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

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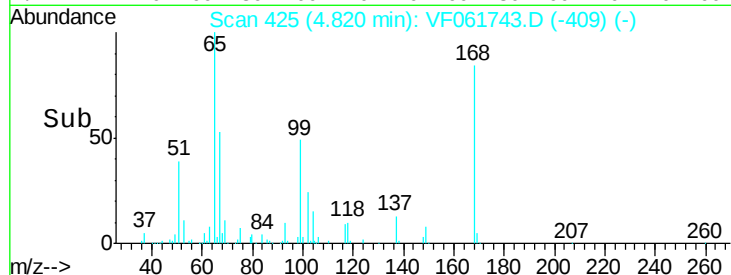
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Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

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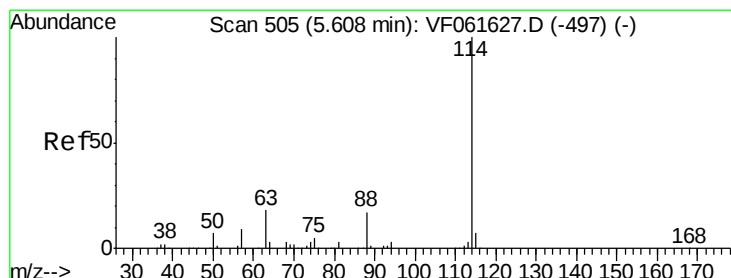
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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.57 min Scan# 501

Delta R.T. -0.04 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

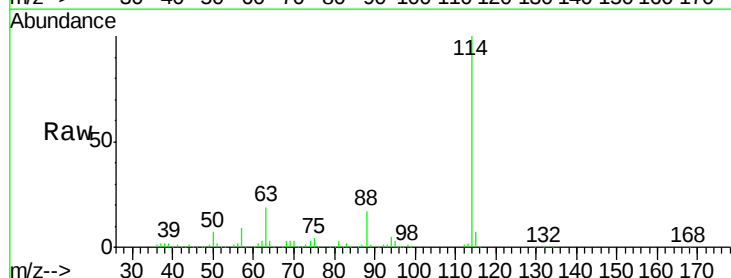
Tgt Ion: 114 Resp: 475489

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.6

88 16.7 0.0 34.4



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

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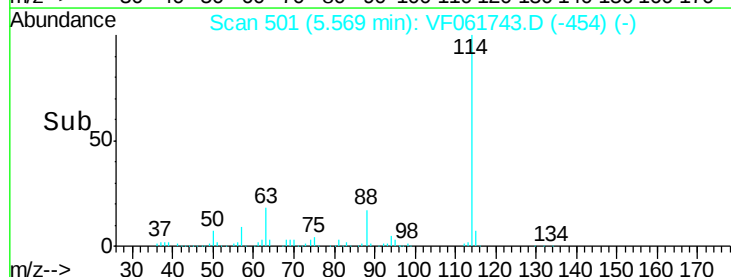
5.57

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Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

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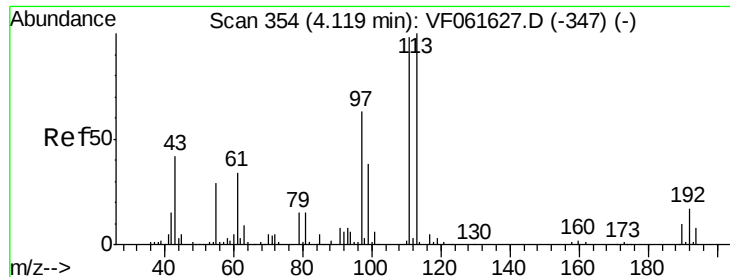
5.57

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#35

Dibromofluoromethane

Concen: 51.685 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.03 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Instrument :

MSVOA\_F

ClientSampleId :

VF0226SBS01

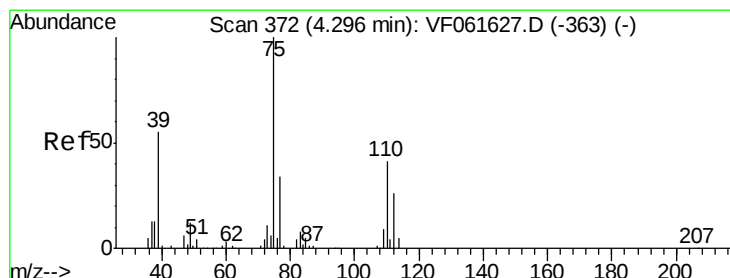
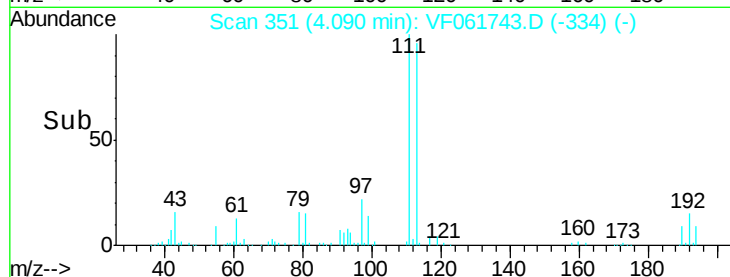
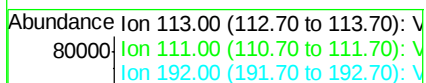
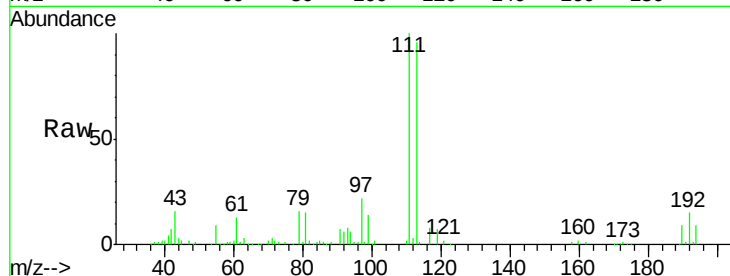
Tot Ion:113 Resp: 182499

Ion Ratio Lower Upper

113 100

111 104.3 78.8 118.2

192 15.9 13.4 20.0



#36

1,1-Dichloropropene

Concen: 21.578 ug/l

RT: 4.25 min Scan# 367

Delta R.T. -0.05 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

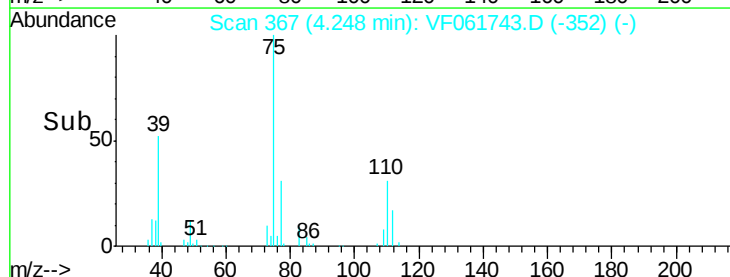
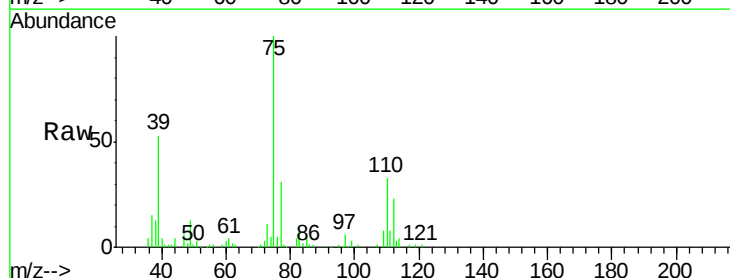
Tgt Ion: 75 Resp: 101637

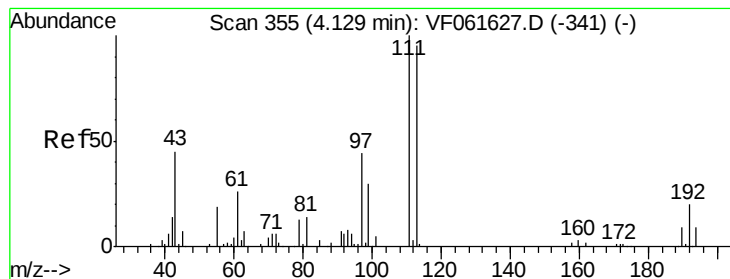
Ion Ratio Lower Upper

75 100

110 33.5 20.5 61.6

77 31.1 27.0 40.4





#37

Ethyl Acetate

Concen: 17.513 ug/l

RT: 4.09 min Scan# 351

Delta R.T. -0.04 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Instrument :

MSVOA\_F

ClientSampleId :

VF0226SBS01

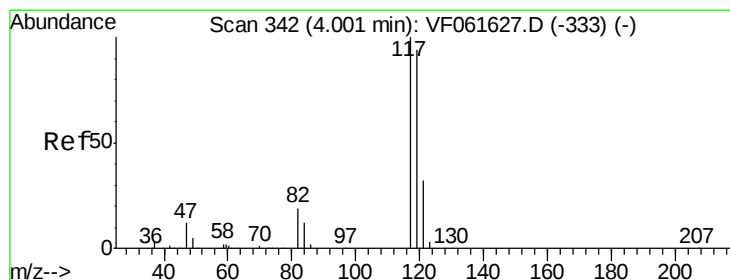
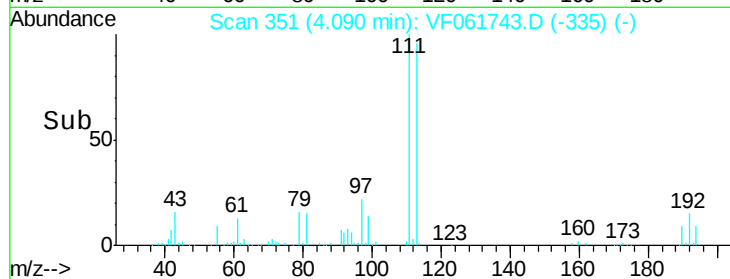
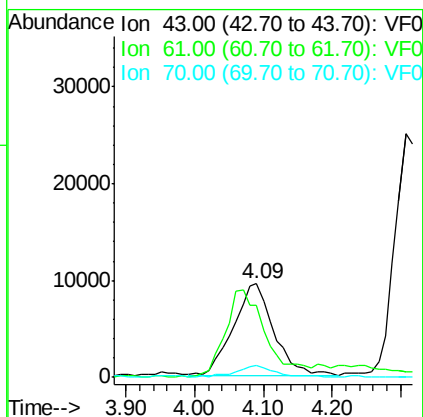
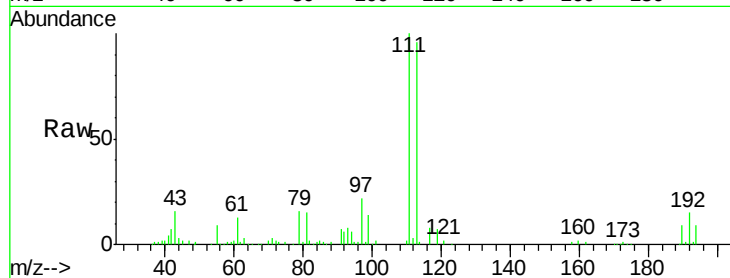
Tot Ion: 43 Resp: 38316

Ion Ratio Lower Upper

43 100

61 77.5 45.7 68.5#

70 13.3 8.5 12.7#



#38

Carbon Tetrachloride

Concen: 21.402 ug/l

RT: 3.96 min Scan# 338

Delta R.T. -0.04 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

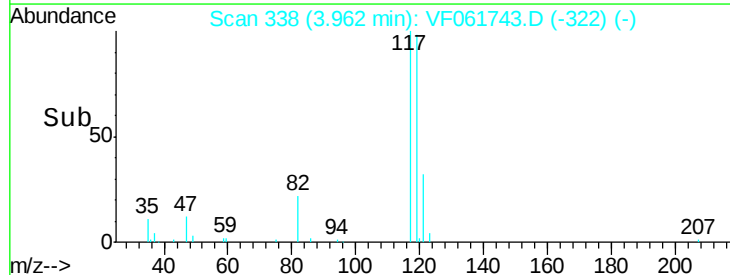
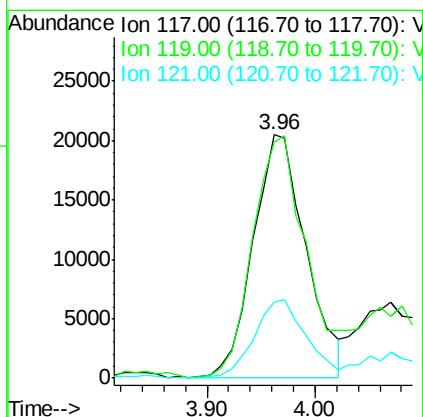
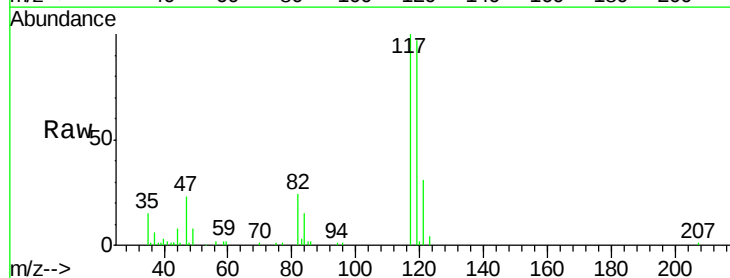
Tgt Ion: 117 Resp: 69609

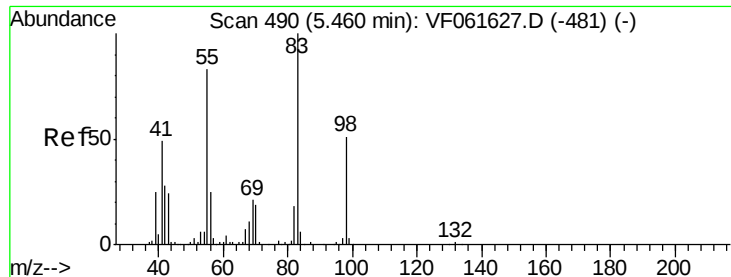
Ion Ratio Lower Upper

117 100

119 97.1 75.6 113.4

121 31.4 25.2 37.8

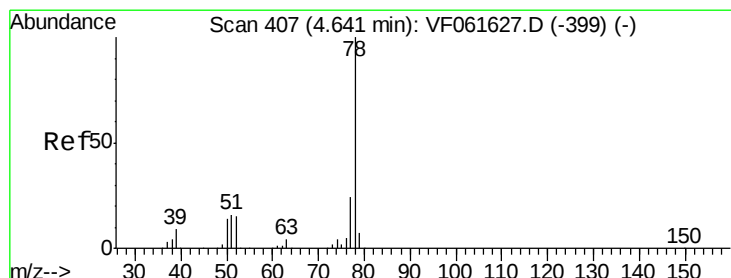
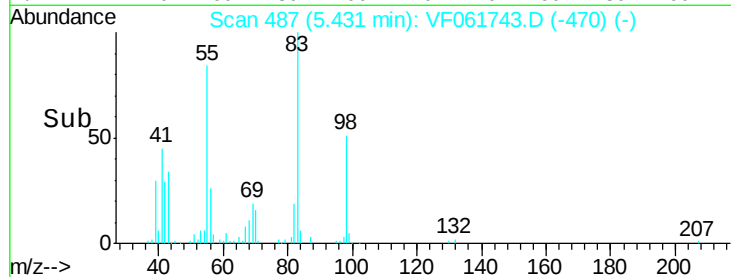
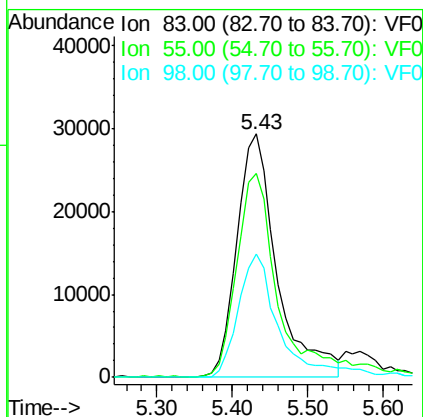
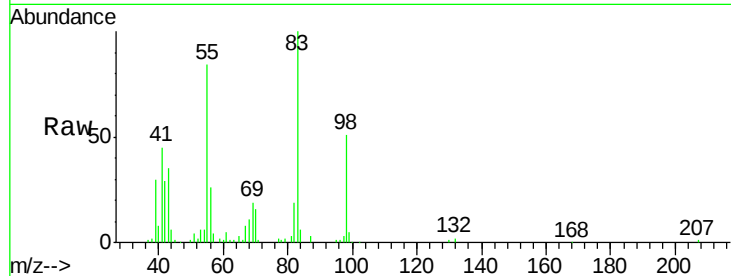




#39  
Methvlcvclohexane  
Concen: 19.477 ug/l  
RT: 5.43 min Scan# 487  
Delta R.T. -0.03 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

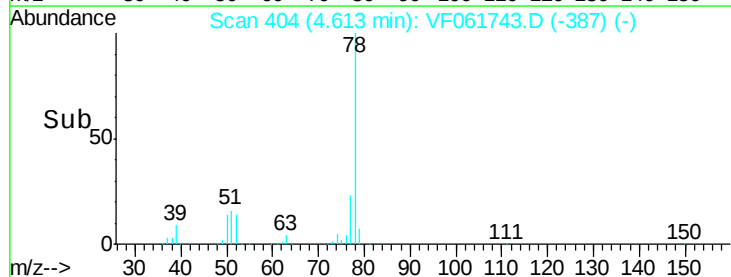
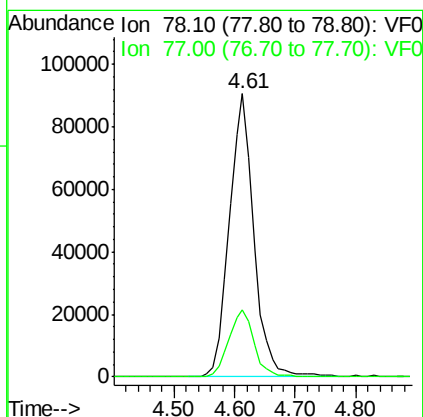
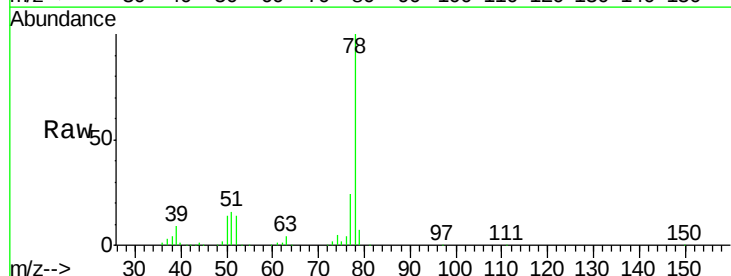
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0226SBS01

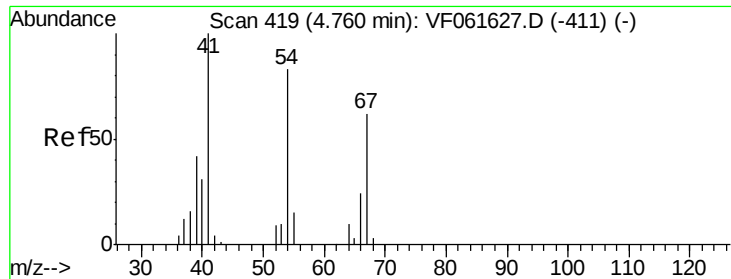
Tot Ion: 83 Resp: 108501  
Ion Ratio Lower Upper  
83 100  
55 83.8 66.6 99.8  
98 50.6 40.4 60.6



#40  
Benzene  
Concen: 20.679 ug/l  
RT: 4.61 min Scan# 404  
Delta R.T. -0.03 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

Tgt Ion: 78 Resp: 254776  
Ion Ratio Lower Upper  
78 100  
77 23.7 19.0 28.6

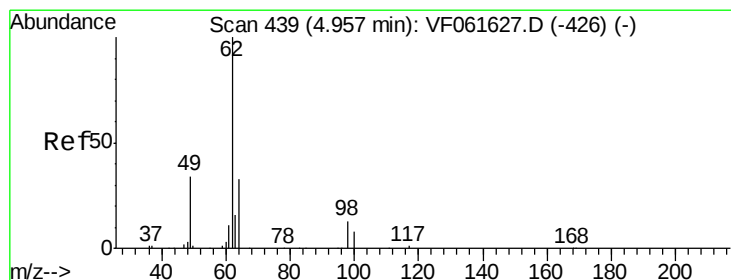
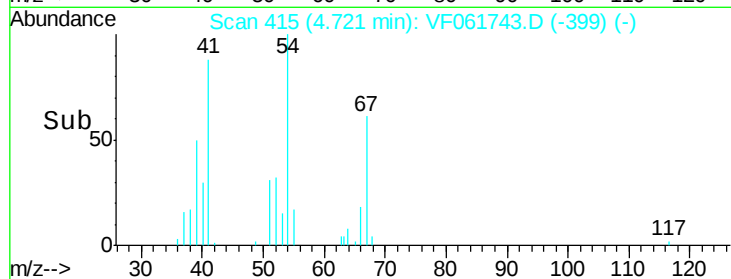
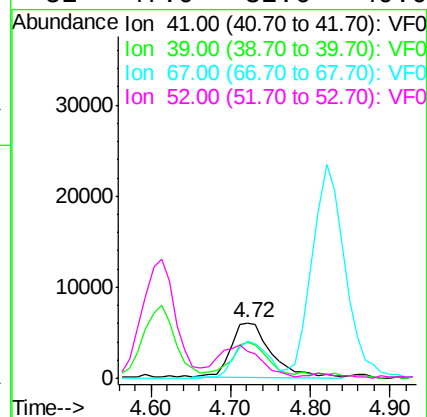
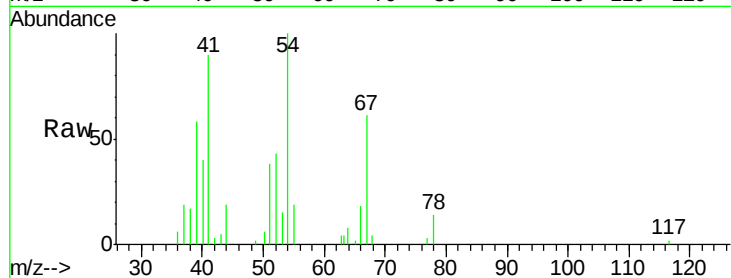




#41  
Methacrylonitrile  
Concen: 19.129 ug/l  
RT: 4.72 min Scan# 415  
Delta R.T. -0.04 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

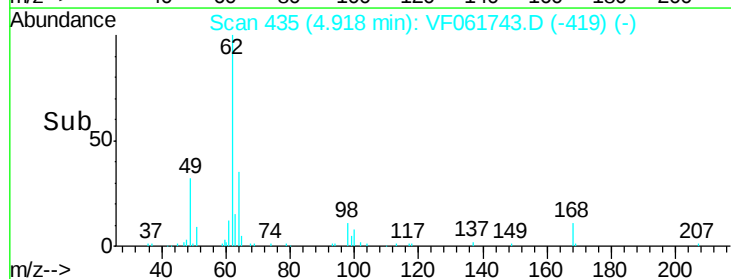
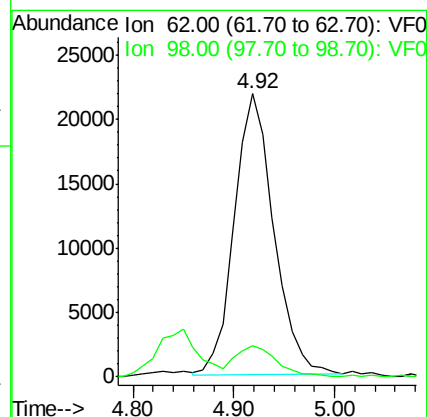
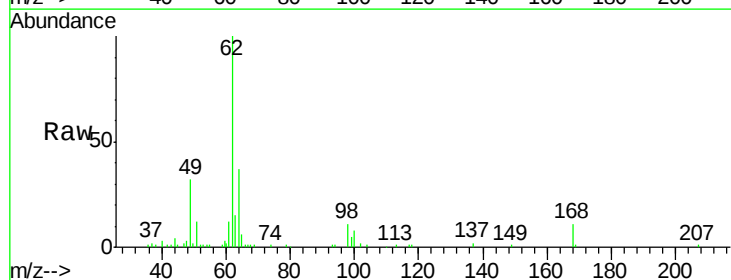
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0226SBS01

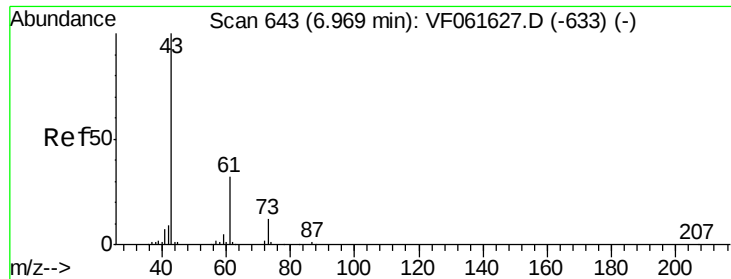
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 21402 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 64.0  | 45.3  | 67.9  |
| 67       | 67.8  | 49.3  | 73.9  |
| 52       | 47.9  | 32.6  | 49.0  |



#42  
1,2-Dichloroethane  
Concen: 20.198 ug/l  
RT: 4.92 min Scan# 435  
Delta R.T. -0.04 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 62    | Resp: | 59527 |
| Ion      | Ratio | Lower | Upper |
| 62       | 100   |       |       |
| 98       | 10.8  | 0.0   | 26.0  |



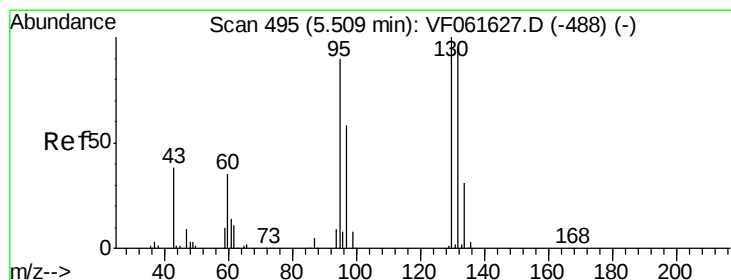
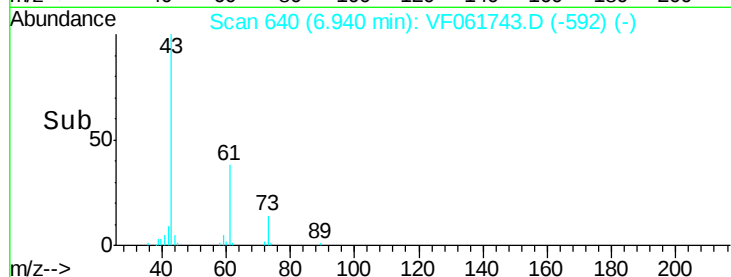
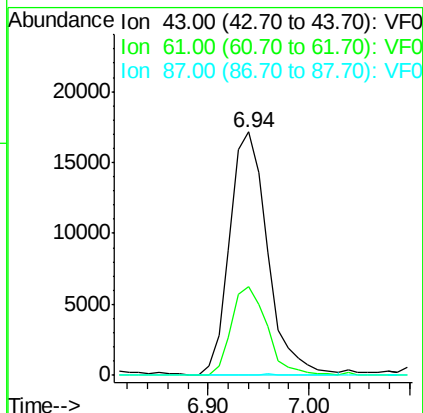
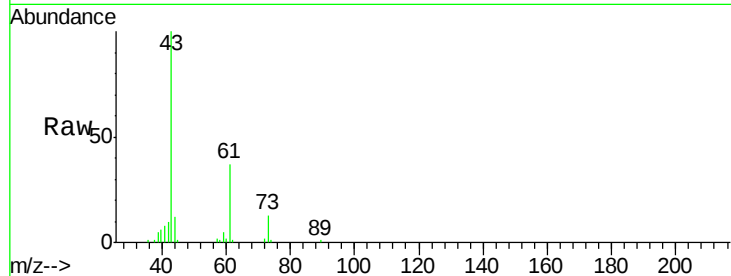


#43

Isopropyl Acetate  
 Concen: 17.395 ug/l  
 RT: 6.94 min Scan# 640  
 Delta R.T. -0.03 min  
 Lab File: VF061743.D  
 Acq: 26 Feb 2019 15:37

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0226SBS01

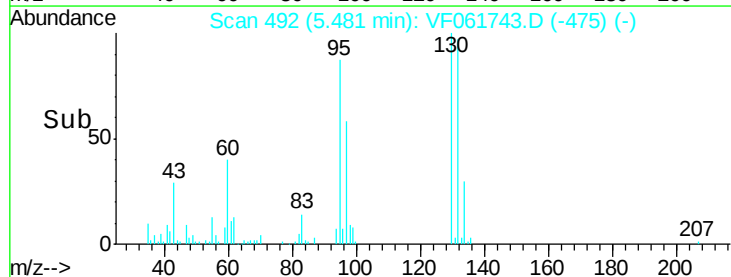
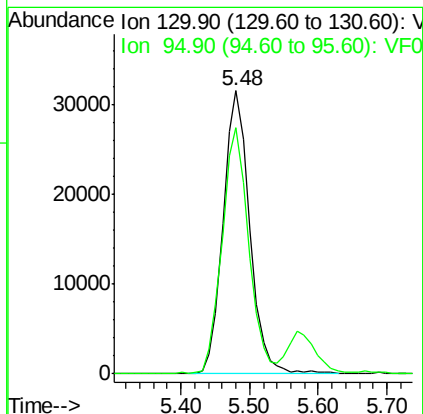
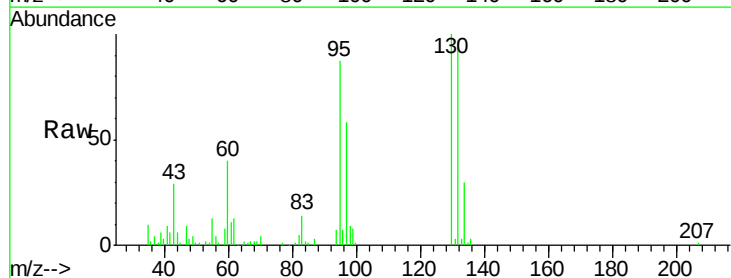
Tot Ion: 43 Resp: 45048  
 Ion Ratio Lower Upper  
 43 100  
 61 36.7 25.8 38.6  
 87 0.0 0.4 0.6#

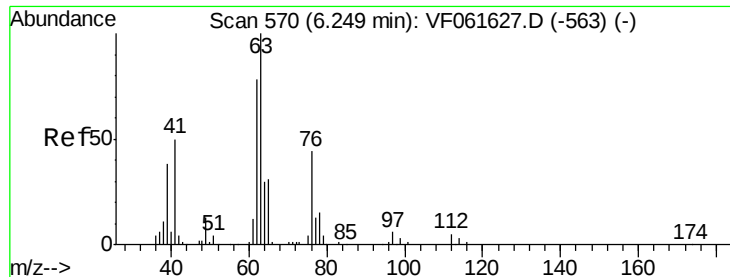


#44

Trichloroethene  
 Concen: 21.118 ug/l  
 RT: 5.48 min Scan# 492  
 Delta R.T. -0.03 min  
 Lab File: VF061743.D  
 Acq: 26 Feb 2019 15:37

Tgt Ion: 130 Resp: 84140  
 Ion Ratio Lower Upper  
 130 100  
 95 86.8 0.0 179.4





#45

1,2-Dichloropropane

Concen: 20.489 ug/l

RT: 6.21 min Scan# 566

Delta R.T. -0.04 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Instrument :

MSVOA\_F

ClientSampleId :

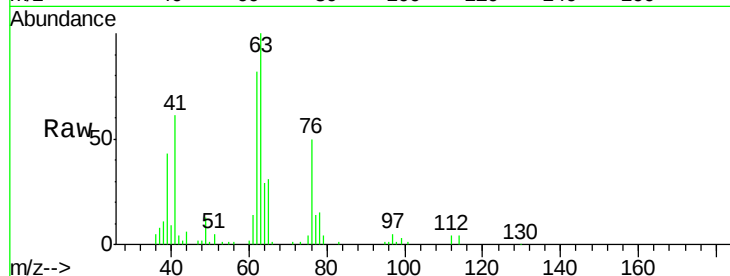
VF0226SBS01

Tot Ion: 63 Resp: 61019

Ion Ratio Lower Upper

63 100

65 30.5 24.9 37.3



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0

6.21

25000

20000

15000

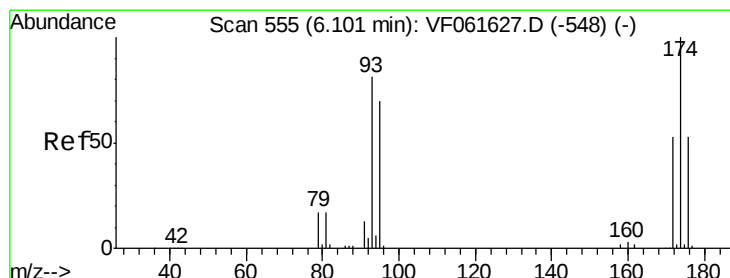
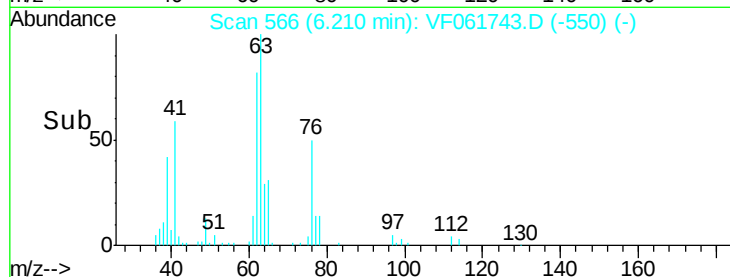
10000

5000

0

6.10 6.20 6.30 6.40

Time-->



#46

Dibromomethane

Concen: 19.694 ug/l

RT: 6.06 min Scan# 551

Delta R.T. -0.04 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

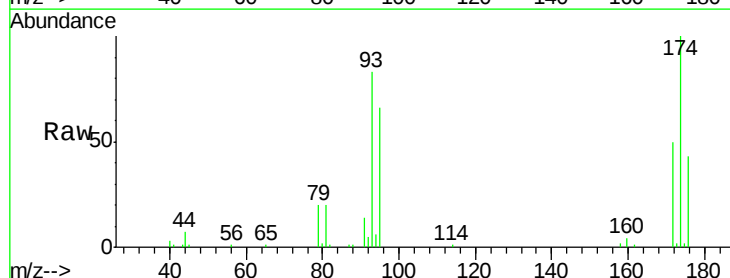
Tgt Ion: 93 Resp: 36112

Ion Ratio Lower Upper

93 100

95 79.3 69.0 103.6

174 120.4 99.3 148.9



Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

20000

15000

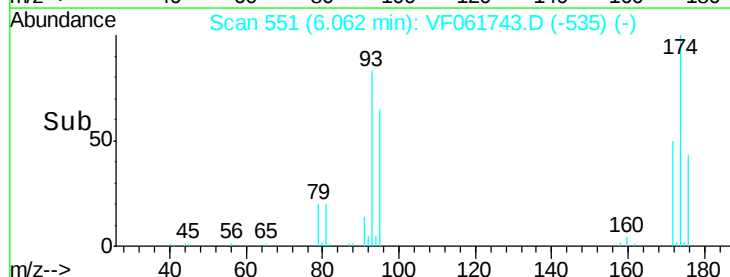
10000

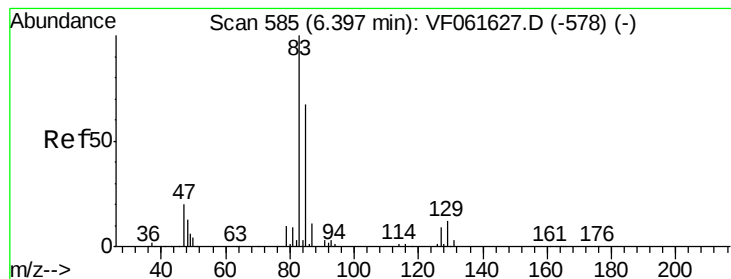
5000

0

6.00 6.10 6.20

Time-->





#47

Bromodichloromethane

Concen: 20.699 ug/l

RT: 6.36 min Scan# 581

Delta R.T. -0.04 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Instrument :

MSVOA\_F

ClientSampleId :

VF0226SBS01

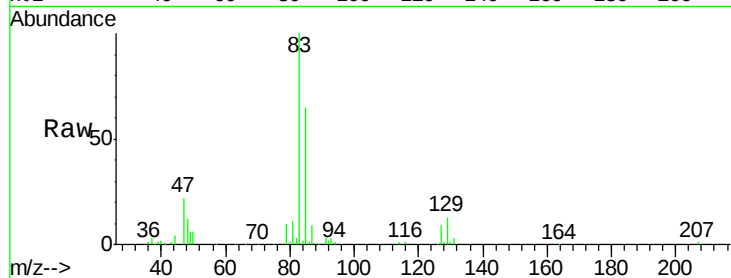
Tot Ion: 83 Resp: 83114

Ion Ratio Lower Upper

83 100

85 64.9 53.4 80.2

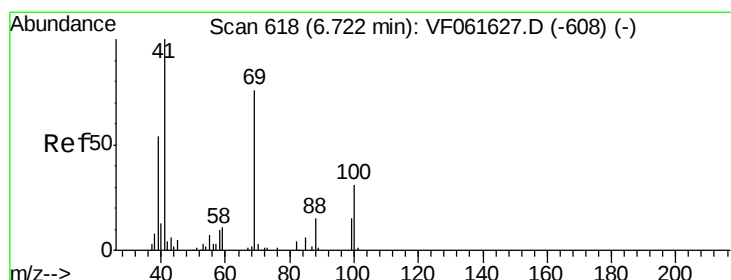
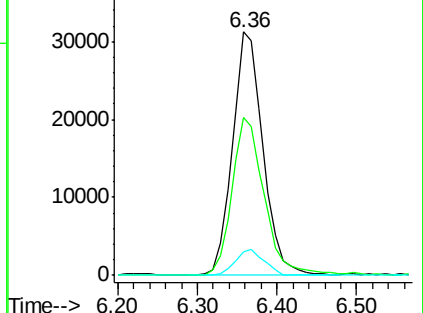
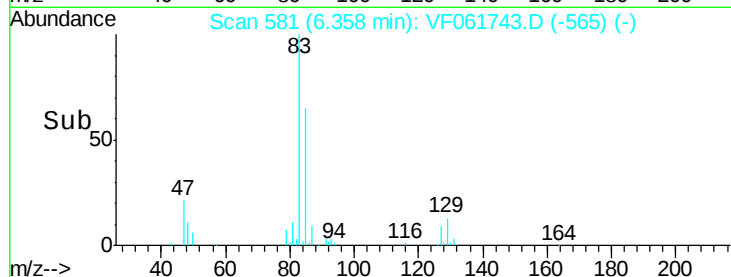
127 9.4 7.5 11.3



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 85.00 (84.70 to 85.70): VF0

Ion 127.00 (126.70 to 127.70): V



#48

Methyl methacrylate

Concen: 18.387 ug/l

RT: 6.69 min Scan# 615

Delta R.T. -0.03 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

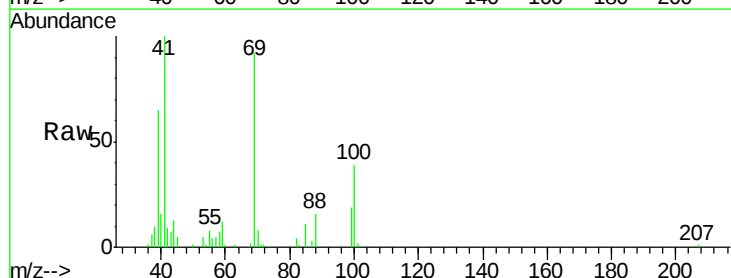
Tgt Ion: 41 Resp: 28656

Ion Ratio Lower Upper

41 100

69 91.9 60.4 90.6#

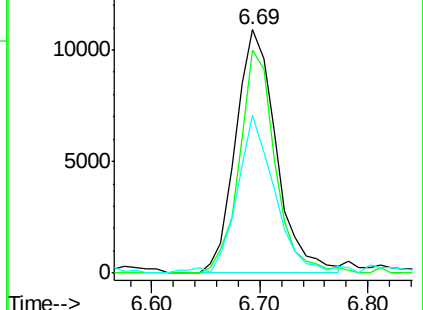
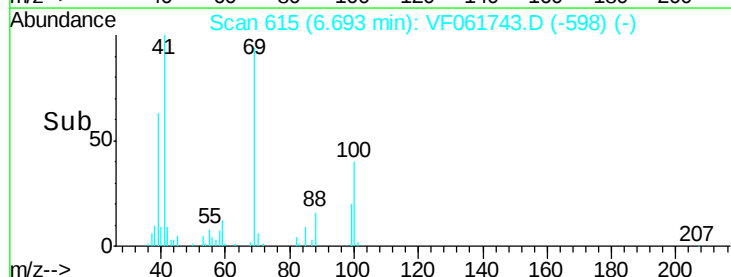
39 64.7 43.7 65.5

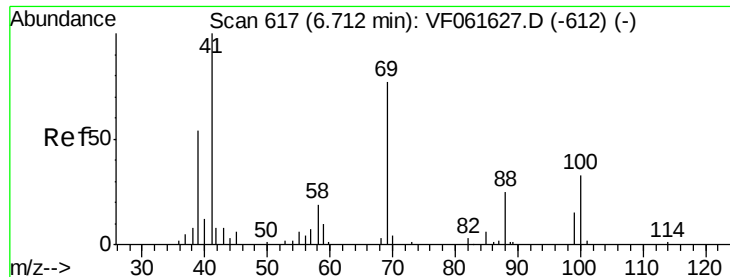


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0

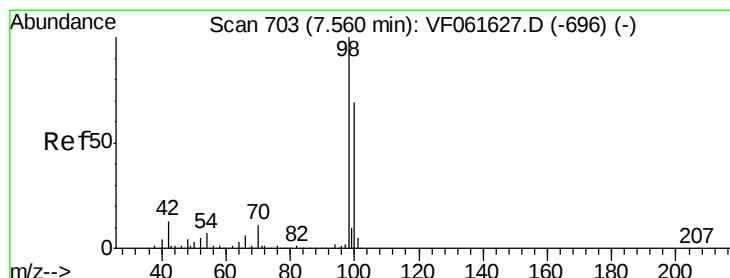
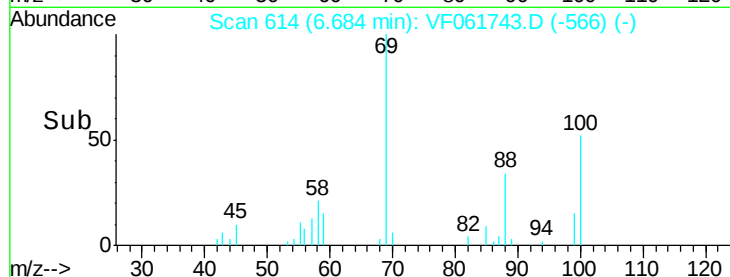
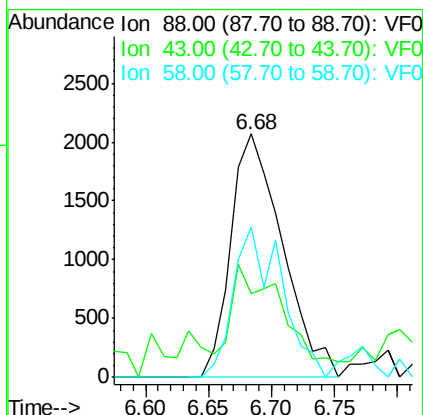
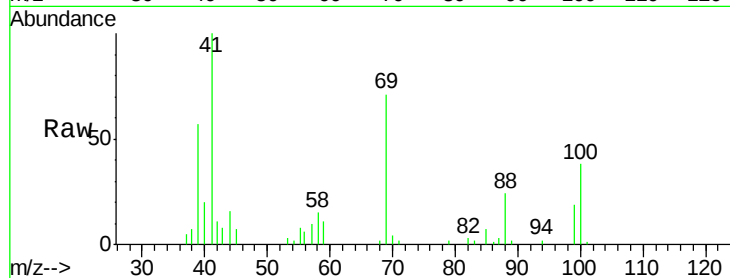




#49  
1,4-Dioxane  
Concen: 400.540 ug/l  
RT: 6.68 min Scan# 614  
Delta R.T. -0.03 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

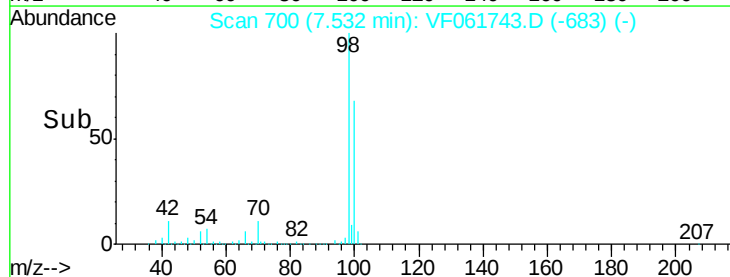
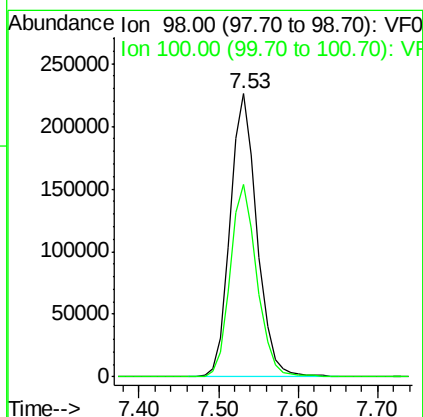
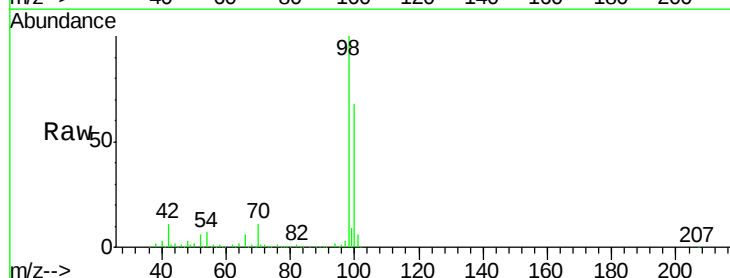
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0226SBS01

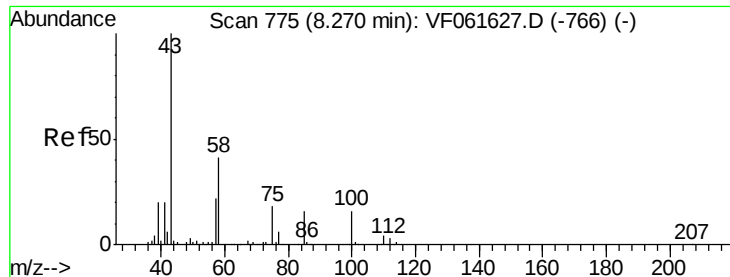
Tot Ion: 88 Resp: 5868  
Ion Ratio Lower Upper  
88 100  
43 34.3 32.3 48.5  
58 61.9 59.4 89.2



#50  
Toluene-d8  
Concen: 52.570 ug/l  
RT: 7.53 min Scan# 700  
Delta R.T. -0.03 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

Tgt Ion: 98 Resp: 533621  
Ion Ratio Lower Upper  
98 100  
100 68.0 55.4 83.2





#51

4-Methyl-2-Pentanone

Concen: 92.799 ug/l

RT: 8.23 min Scan# 771

Delta R.T. -0.04 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Instrument :

MSVOA\_F

ClientSampleId :

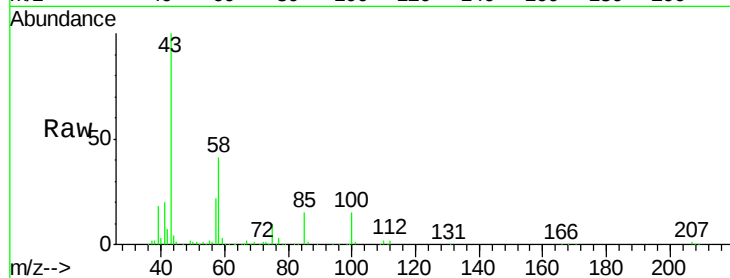
VF0226SBS01

Tot Ion: 43 Resp: 171717

Ion Ratio Lower Upper

43 100

58 40.9 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.23

60000

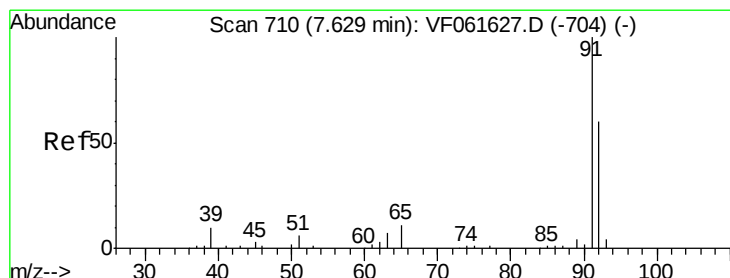
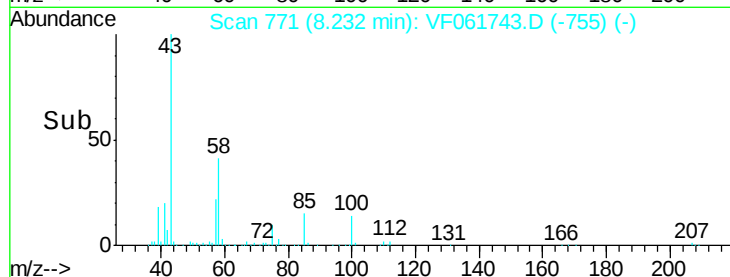
40000

20000

0

8.10 8.20 8.30 8.40

Time-->



#52

Toluene

Concen: 20.822 ug/l

RT: 7.60 min Scan# 707

Delta R.T. -0.03 min

Lab File: VF061743.D

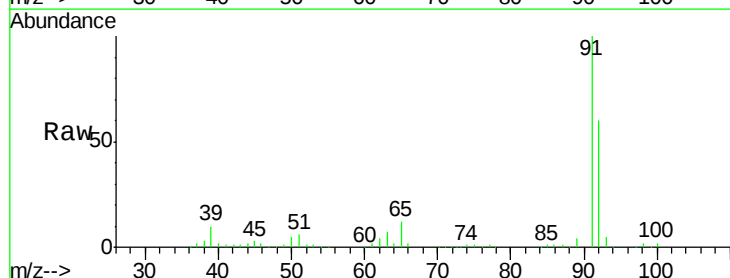
Acq: 26 Feb 2019 15:37

Tgt Ion: 92 Resp: 155589

Ion Ratio Lower Upper

92 100

91 167.9 133.9 200.9



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

7.60

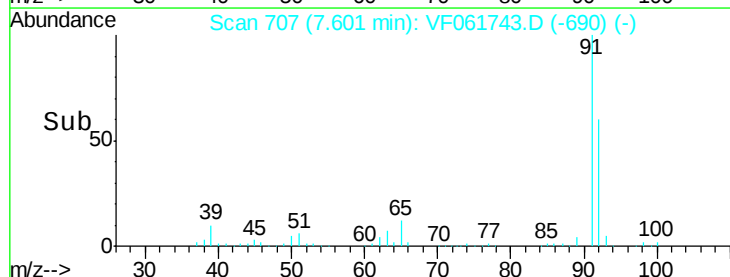
100000

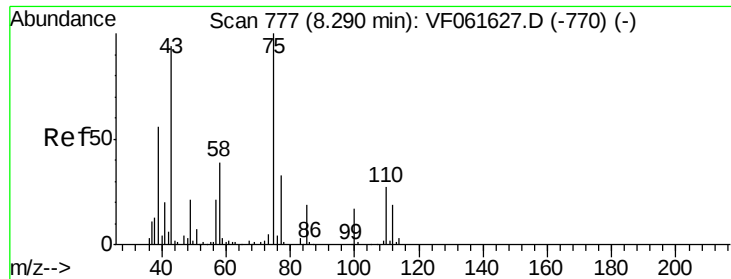
50000

0

7.50 7.60 7.70

Time-->

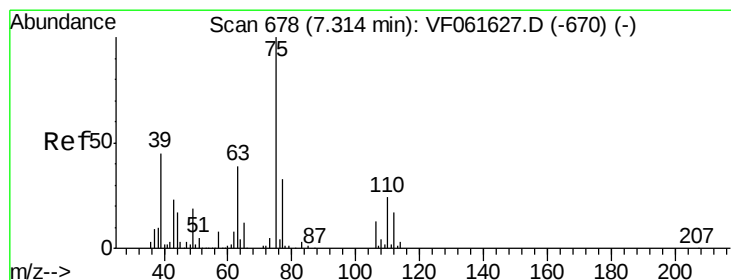
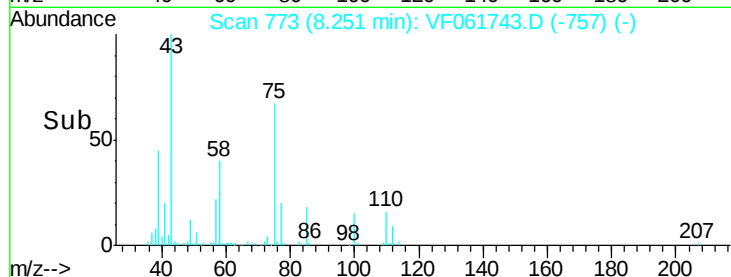
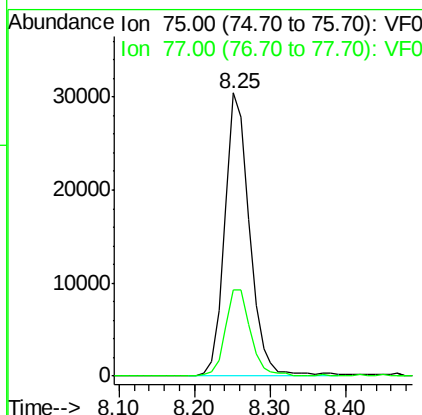
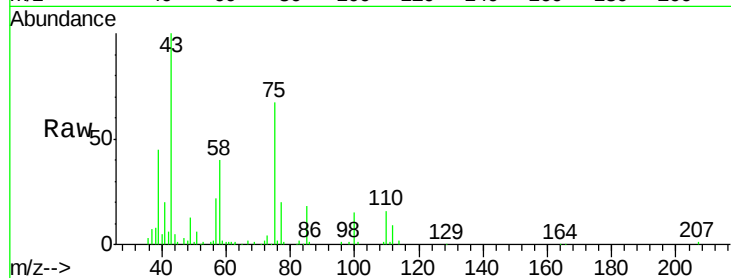




#53  
 t-1,3-Dichloropropene  
 Concen: 20.711 ug/l  
 RT: 8.25 min Scan# 773  
 Delta R.T. -0.04 min  
 Lab File: VF061743.D  
 Acq: 26 Feb 2019 15:37

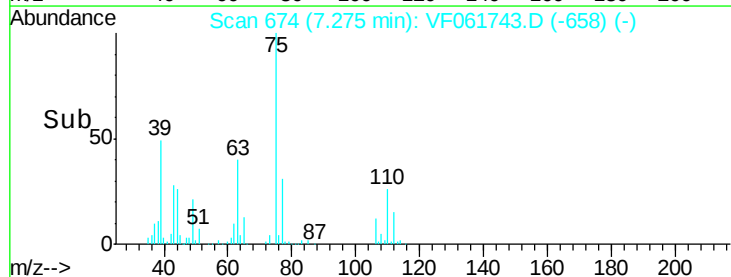
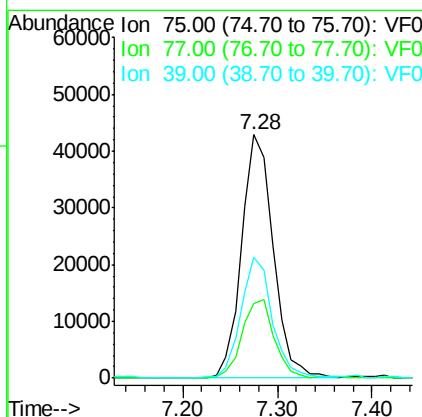
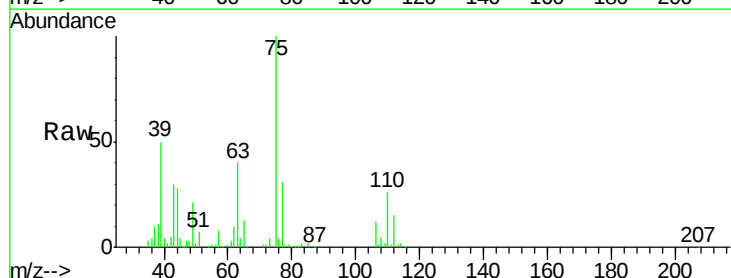
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0226SBS01

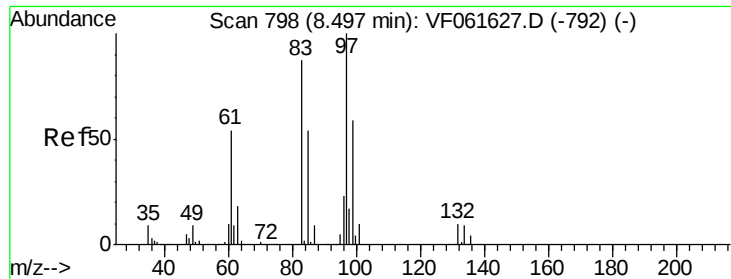
Tot Ion: 75 Resp: 69213  
 Ion Ratio Lower Upper  
 75 100  
 77 30.4 26.2 39.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 22.479 ug/l  
 RT: 7.28 min Scan# 674  
 Delta R.T. -0.04 min  
 Lab File: VF061743.D  
 Acq: 26 Feb 2019 15:37

Tgt Ion: 75 Resp: 100061  
 Ion Ratio Lower Upper  
 75 100  
 77 30.7 26.4 39.6  
 39 49.6 36.0 54.0





#55

1,1,2-Trichloroethane

Concen: 19.313 ug/l

RT: 8.47 min Scan# 795

Delta R.T. -0.03 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Instrument :

MSVOA\_F

ClientSampleId :

VF0226SBS01

Tot Ion: 97 Resp: 42399

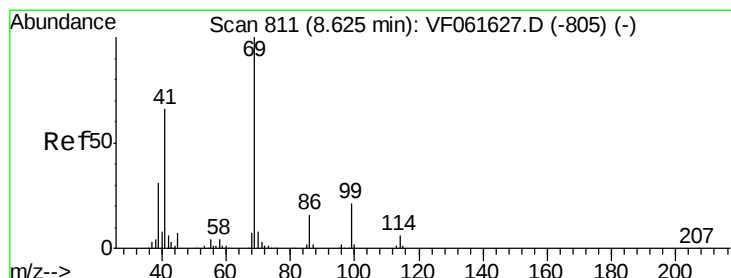
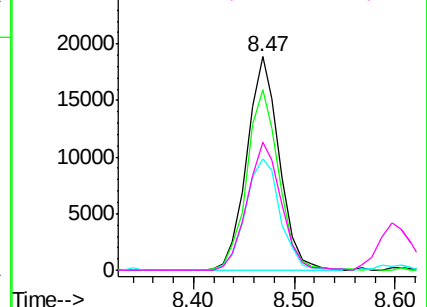
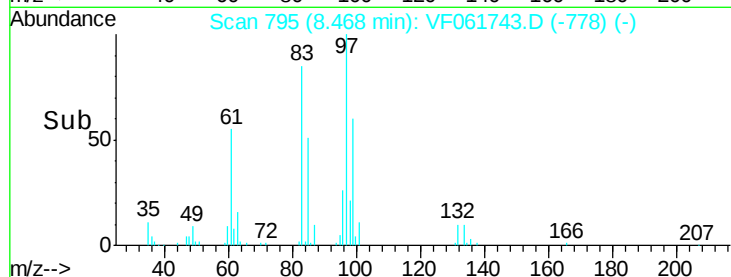
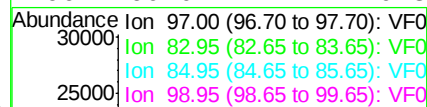
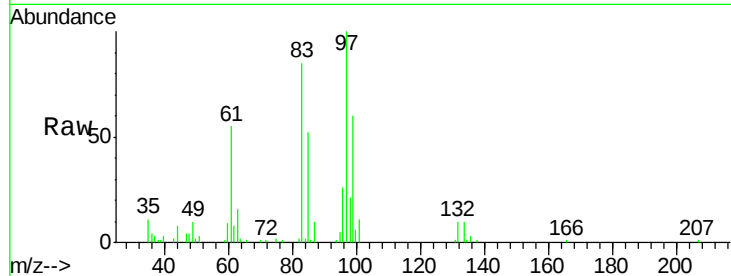
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 97  | 100   |       |       |
| 83  | 84.6  | 69.2  | 103.8 |
| 85  | 52.3  | 43.0  | 64.4  |
| 99  | 60.0  | 47.2  | 70.8  |

97 100

83 84.6 69.2 103.8

85 52.3 43.0 64.4

99 60.0 47.2 70.8



#56

Ethyl methacrylate

Concen: 18.977 ug/l

RT: 8.60 min Scan# 808

Delta R.T. -0.03 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

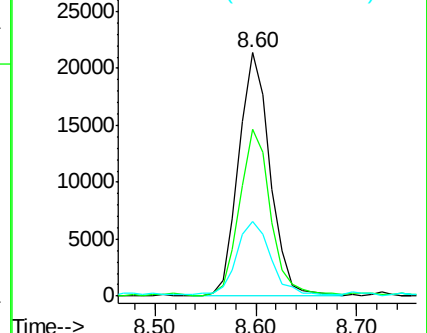
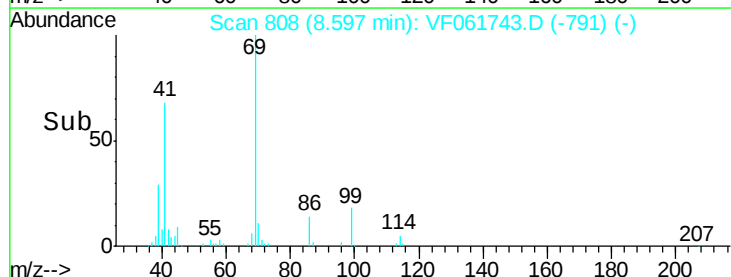
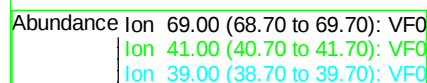
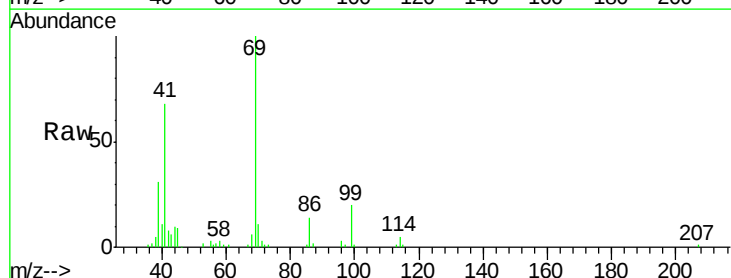
Tgt Ion: 69 Resp: 46385

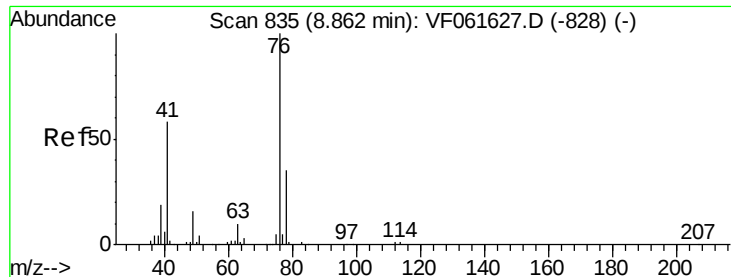
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 69  | 100   |       |       |
| 41  | 68.4  | 52.9  | 79.3  |
| 39  | 30.8  | 24.5  | 36.7  |

69 100

41 68.4 52.9 79.3

39 30.8 24.5 36.7





#57

1,3-Dichloropropane

Concen: 18.537 ug/l

RT: 8.83 min Scan# 832

Delta R.T. -0.03 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Instrument :

MSVOA\_F

ClientSampleId :

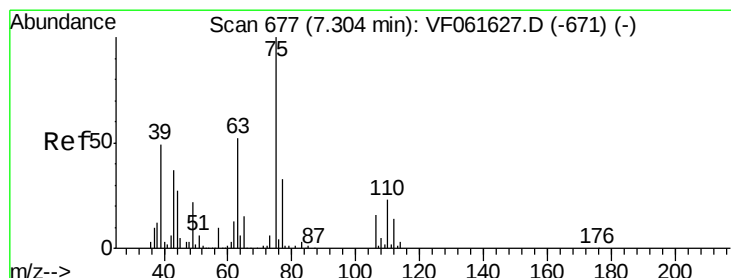
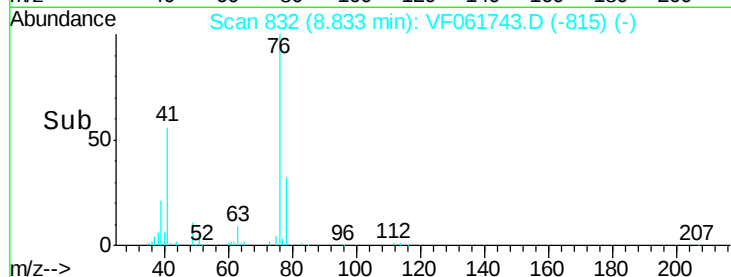
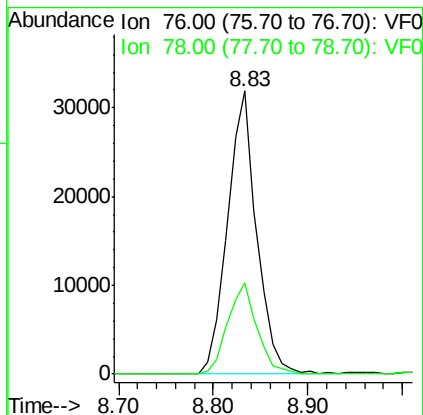
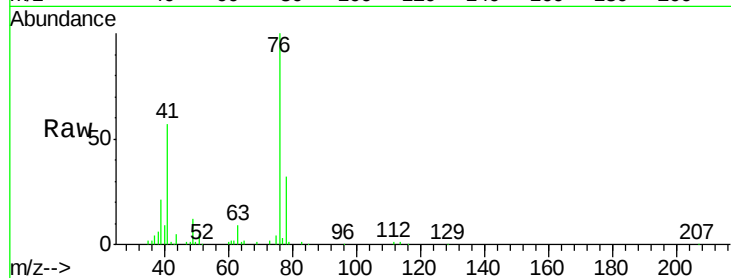
VF0226SBS01

Tot Ion: 76 Resp: 67926

Ion Ratio Lower Upper

76 100

78 32.3 27.8 41.6



#58

2-Chloroethyl Vinyl ether

Concen: 96.136 ug/l

RT: 7.28 min Scan# 674

Delta R.T. -0.03 min

Lab File: VF061743.D

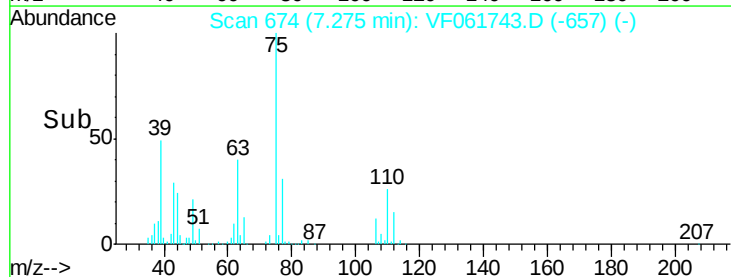
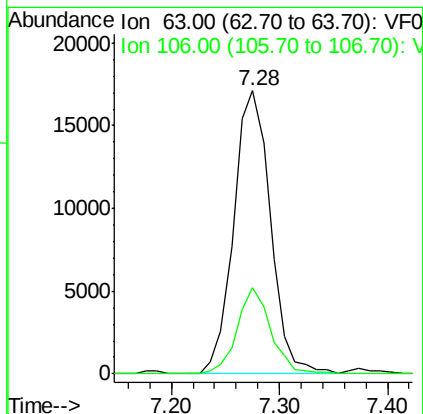
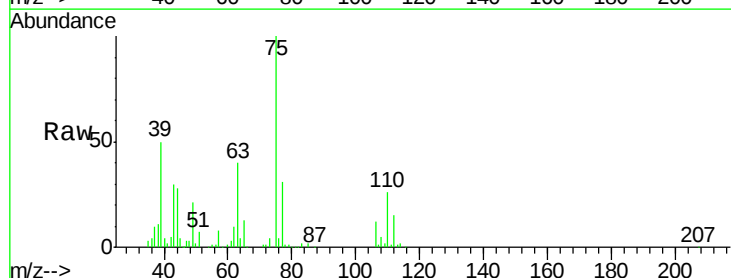
Acq: 26 Feb 2019 15:37

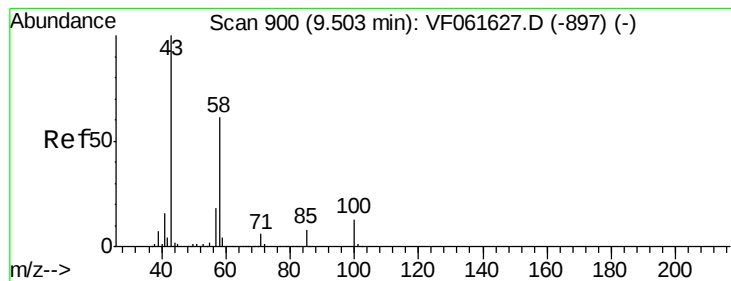
Tgt Ion: 63 Resp: 40543

Ion Ratio Lower Upper

63 100

106 30.4 24.6 36.8





#59

2-Hexanone

Concen: 99.098 ug/l

RT: 9.47 min Scan# 897

Delta R.T. -0.03 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Instrument :

MSVOA\_F

ClientSampleId :

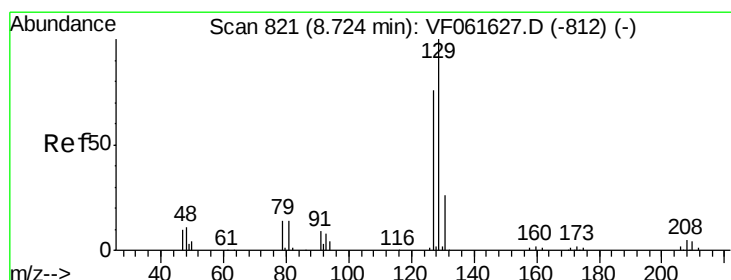
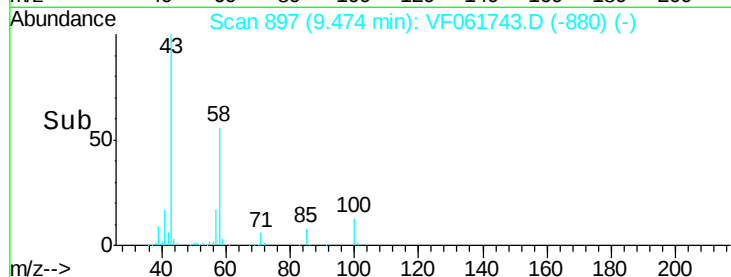
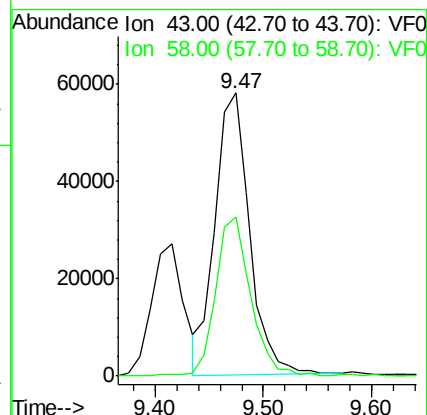
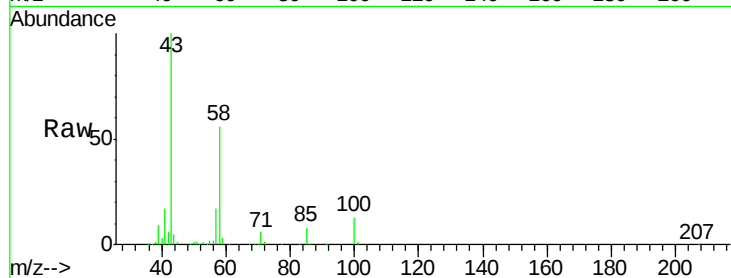
VF0226SBS01

Tot Ion: 43 Resp: 128540

Ion Ratio Lower Upper

43 100

58 56.1 28.5 85.5



#60

Dibromochloromethane

Concen: 20.622 ug/l

RT: 8.70 min Scan# 818

Delta R.T. -0.03 min

Lab File: VF061743.D

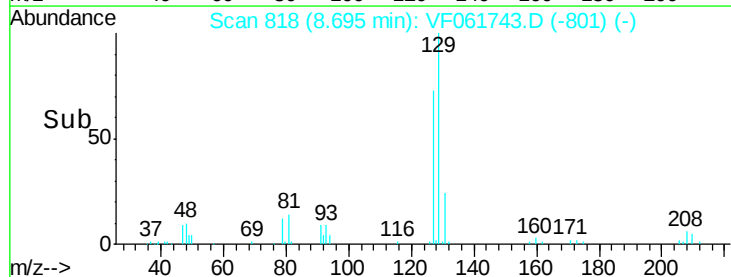
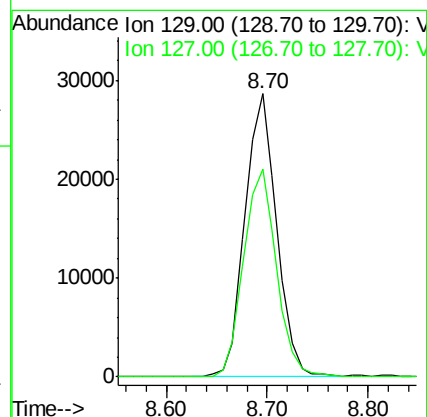
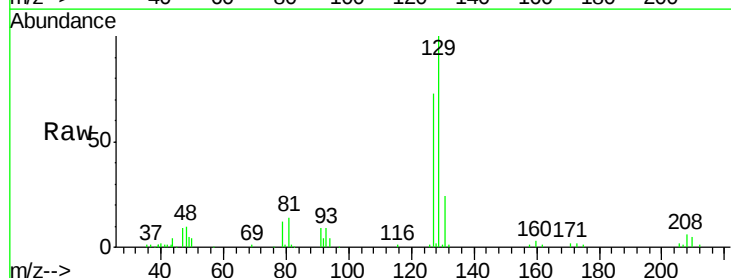
Acq: 26 Feb 2019 15:37

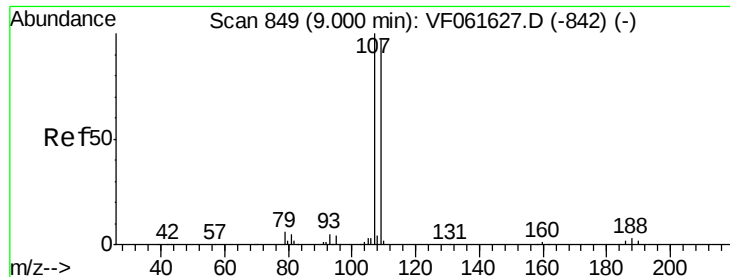
Tgt Ion: 129 Resp: 63014

Ion Ratio Lower Upper

129 100

127 73.4 37.8 113.4





#61

1,2-Dibromoethane

Concen: 19.280 ug/l

RT: 8.96 min Scan# 845

Delta R.T. -0.04 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Instrument :

MSVOA\_F

ClientSampleId :

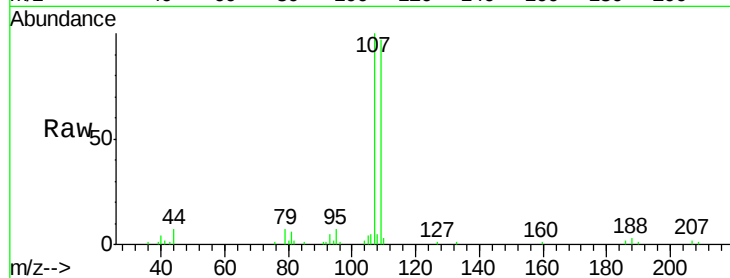
VF0226SBS01

Tot Ion:107 Resp: 45910

Ion Ratio Lower Upper

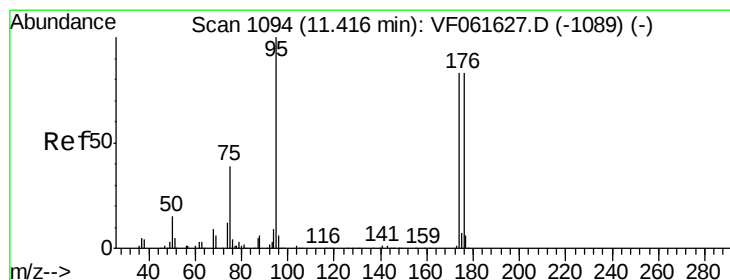
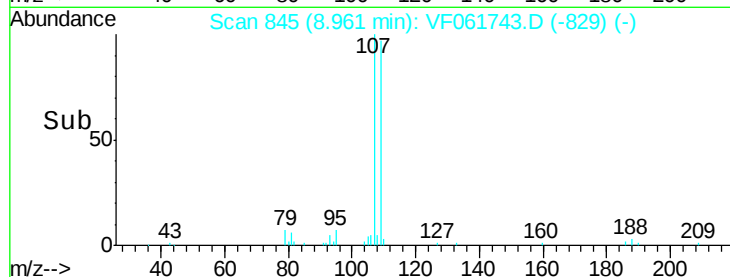
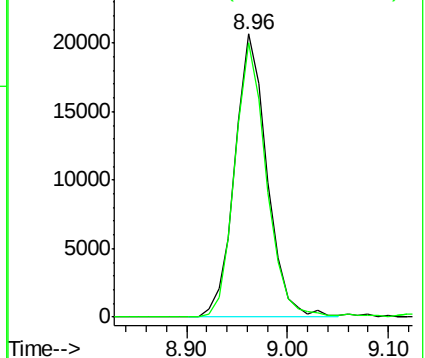
107 100

109 97.1 77.4 116.0



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V



#62

4-Bromofluorobenzene

Concen: 50.666 ug/l

RT: 11.40 min Scan# 1092

Delta R.T. -0.02 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

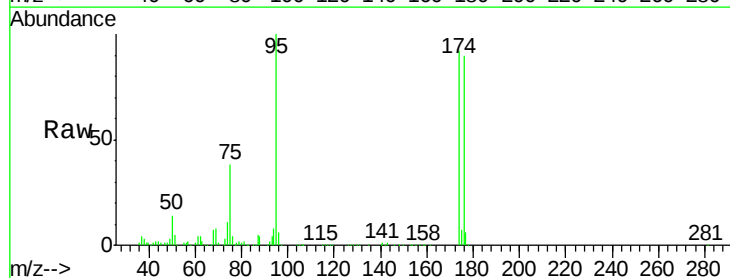
Tgt Ion: 95 Resp: 208094

Ion Ratio Lower Upper

95 100

174 91.7 0.0 165.8

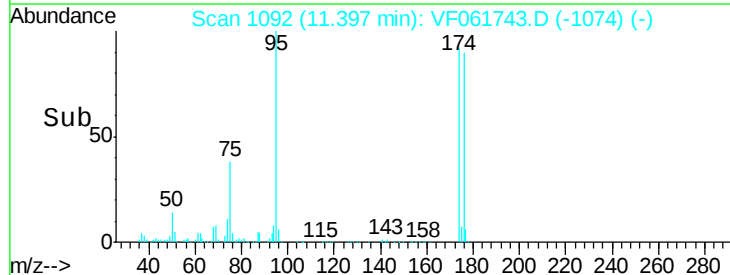
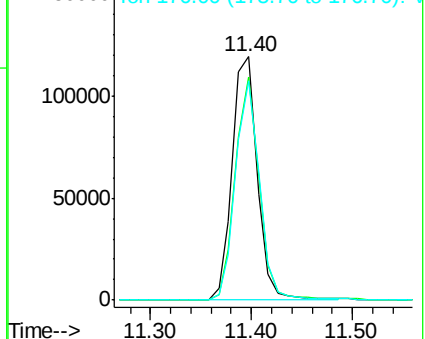
176 90.0 0.0 167.0

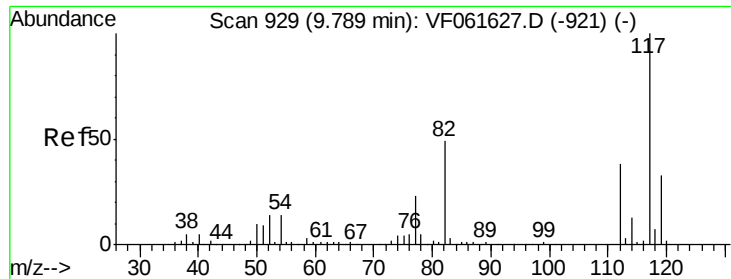


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

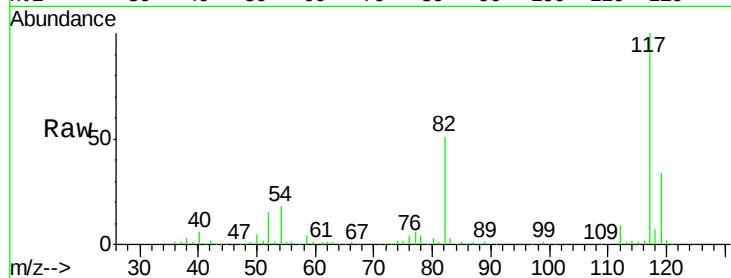




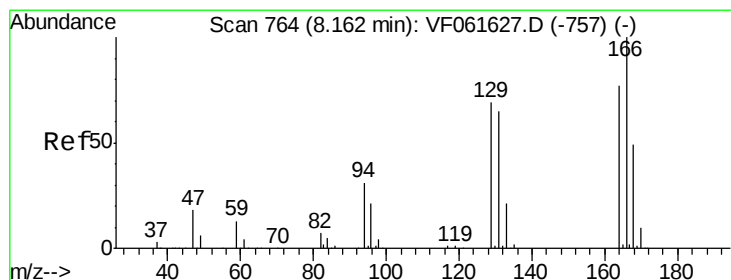
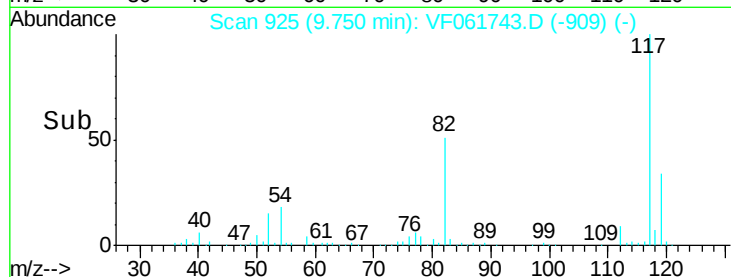
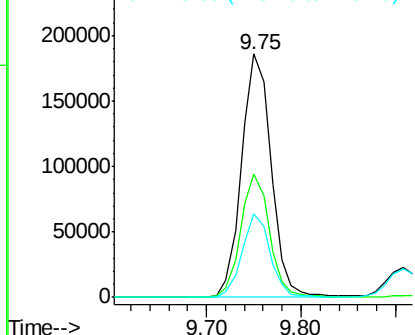
#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.75 min Scan# 925  
Delta R.T. -0.04 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0226SBS01

Tot Ion:117 Resp: 406573  
Ion Ratio Lower Upper  
117 100  
82 50.8 39.3 58.9  
119 34.3 26.6 40.0

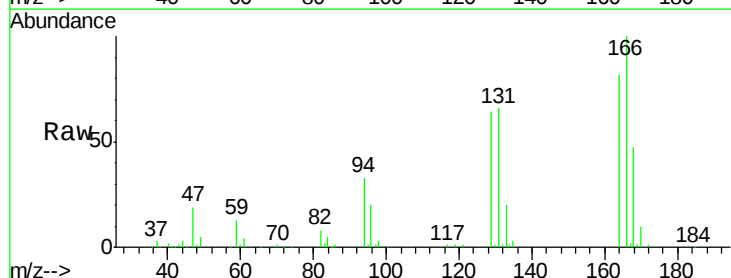


Abundance Ion 117.00 (116.70 to 117.70): V  
Ion 82.00 (81.70 to 82.70): VF0  
Ion 119.00 (118.70 to 119.70): V

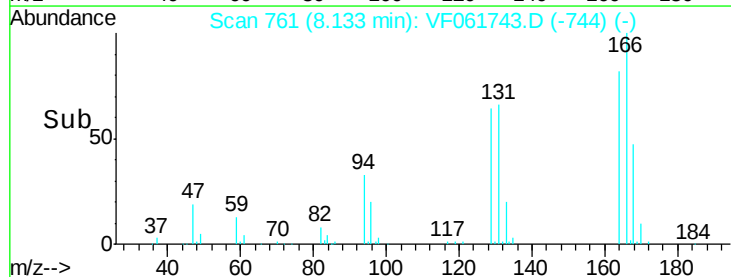
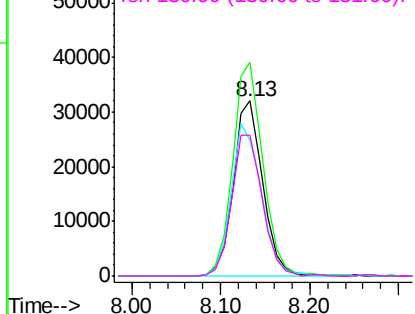


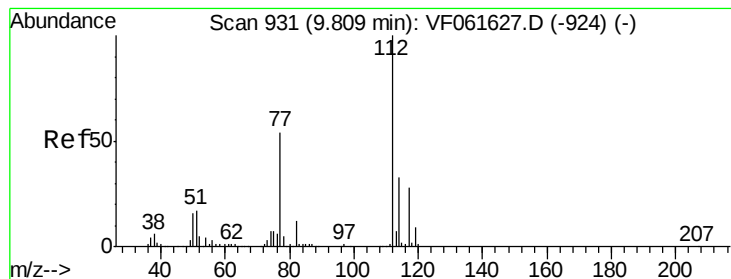
#64  
Tetrachloroethene  
Concen: 22.185 ug/l  
RT: 8.13 min Scan# 761  
Delta R.T. -0.03 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

Tgt Ion:164 Resp: 73727  
Ion Ratio Lower Upper  
164 100  
166 122.2 103.9 155.9  
129 77.7 71.3 106.9  
131 80.4 67.1 100.7



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





#65

Chlorobenzene

Concen: 20.467 ug/l

RT: 9.77 min Scan# 927

Delta R.T. -0.04 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Instrument :

MSVOA\_F

ClientSampleId :

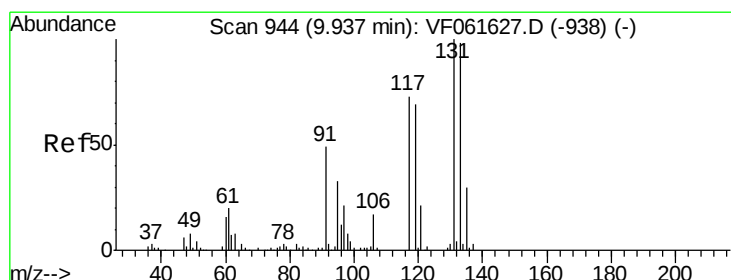
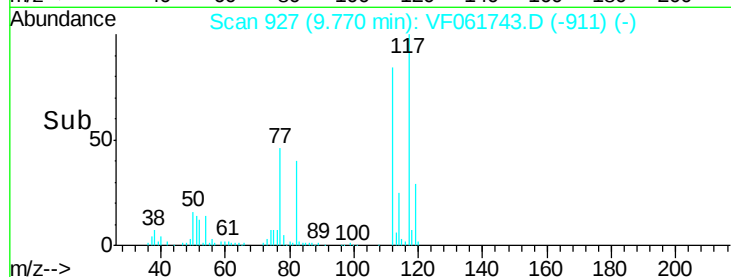
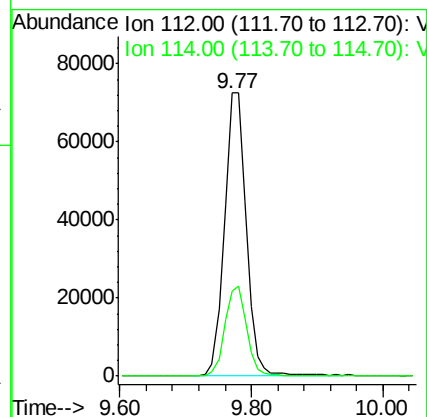
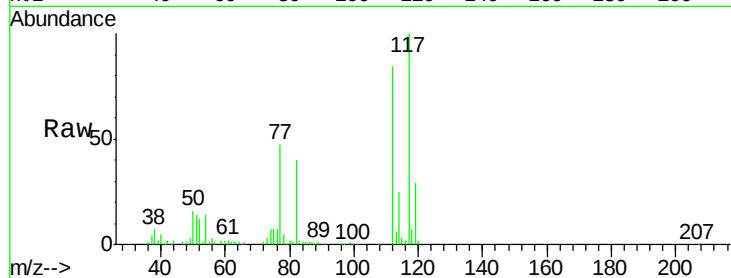
VF0226SBS01

Tot Ion:112 Resp: 168860

Ion Ratio Lower Upper

112 100

114 30.0 26.2 39.2



#66

1,1,1,2-Tetrachloroethane

Concen: 22.084 ug/l

RT: 9.91 min Scan# 941

Delta R.T. -0.03 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

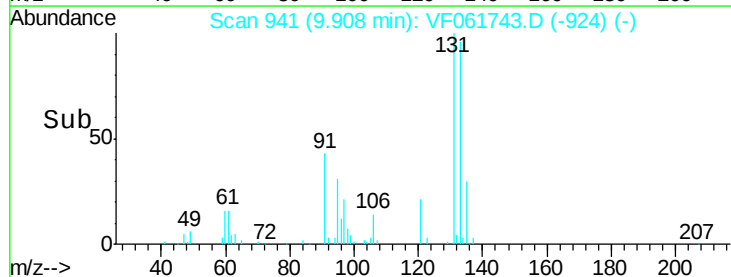
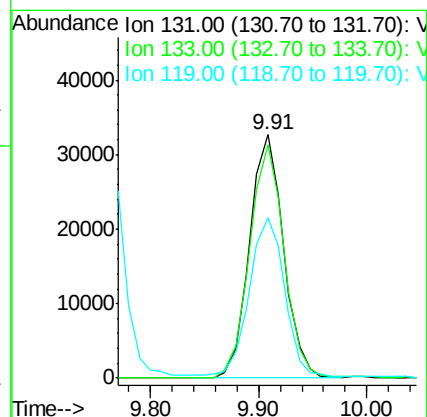
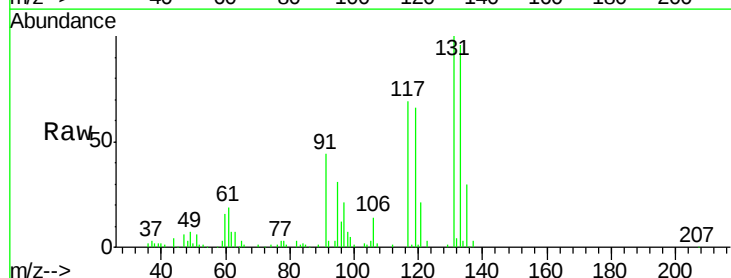
Tgt Ion:131 Resp: 71395

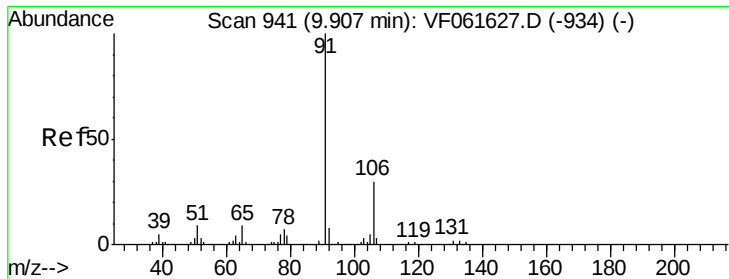
Ion Ratio Lower Upper

131 100

133 95.9 48.9 146.6

119 65.7 34.8 104.3

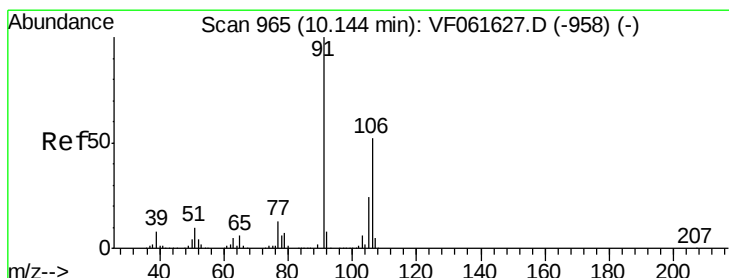
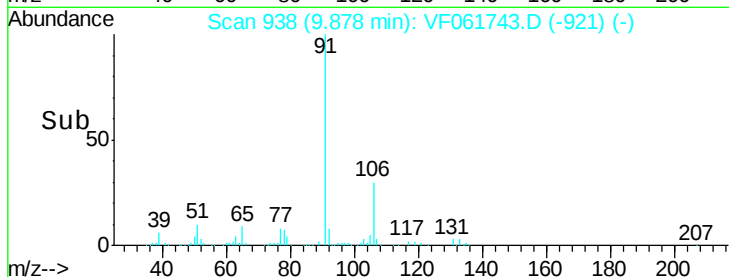
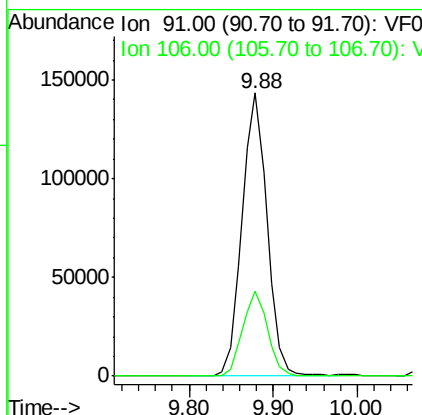
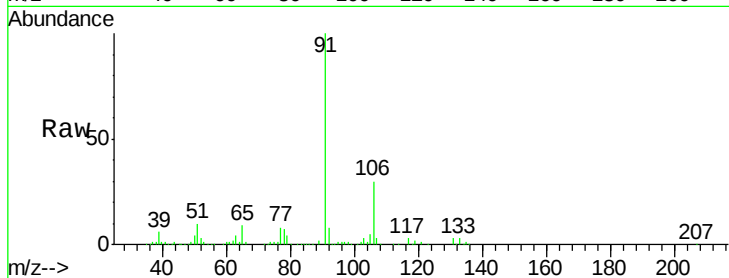




#67  
Ethyl Benzene  
Concen: 21.760 ug/l  
RT: 9.88 min Scan# 938  
Delta R.T. -0.03 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

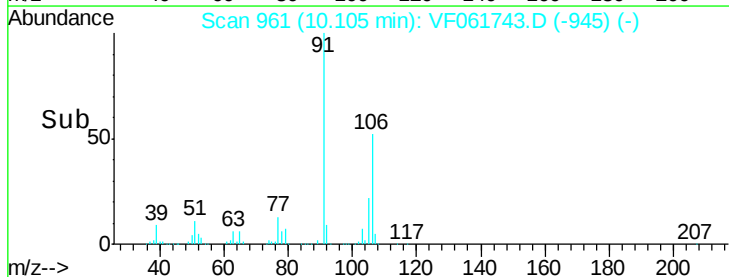
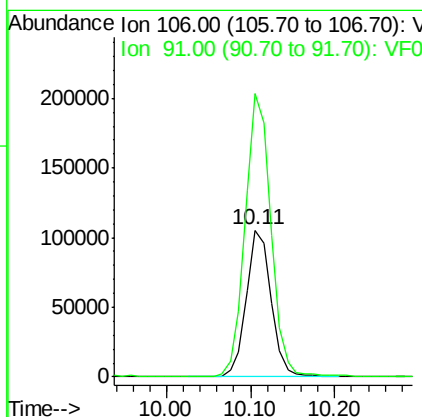
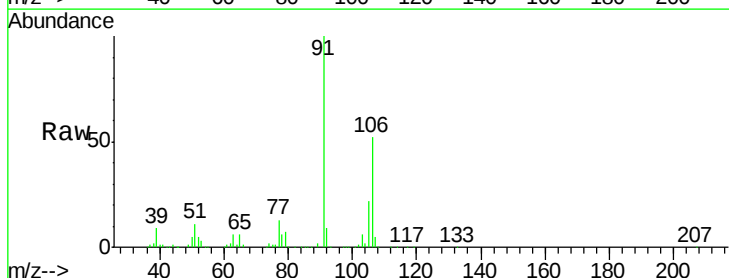
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0226SBS01

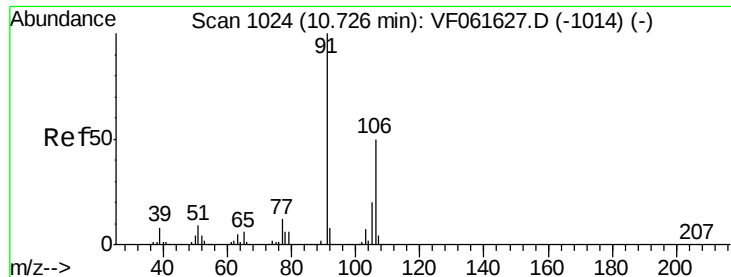
Tot Ion: 91 Resp: 298555  
Ion Ratio Lower Upper  
91 100  
106 30.2 24.1 36.1



#68  
m/p-Xylenes  
Concen: 41.539 ug/l  
RT: 10.11 min Scan# 961  
Delta R.T. -0.04 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

Tgt Ion: 106 Resp: 218117  
Ion Ratio Lower Upper  
106 100  
91 192.5 153.0 229.6

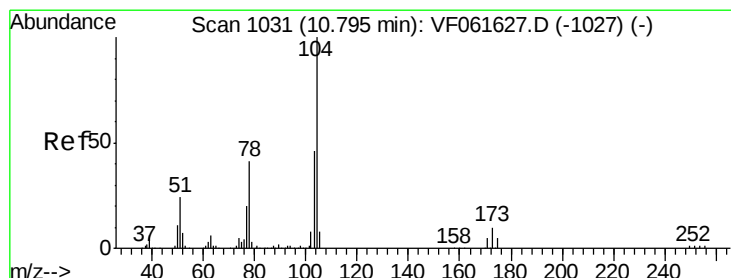
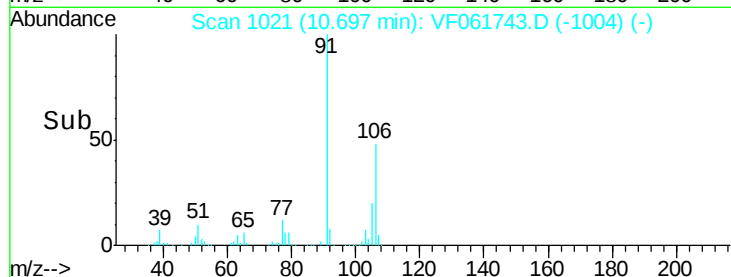
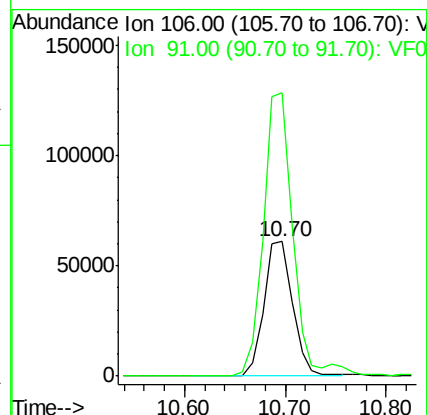
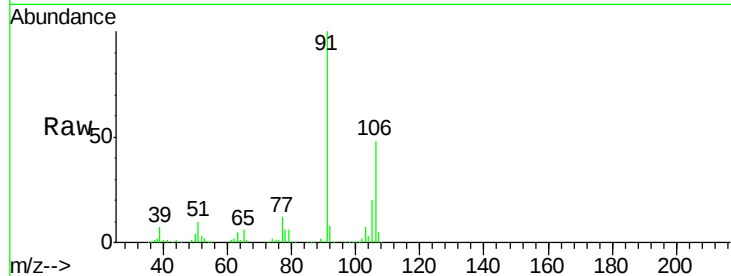




#69  
o-Xylene  
Concen: 21.573 ug/l  
RT: 10.70 min Scan# 1021  
Delta R.T. -0.03 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

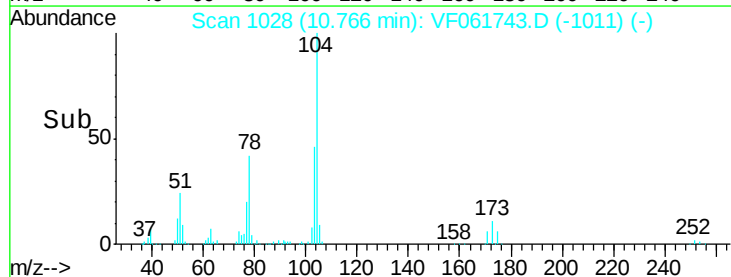
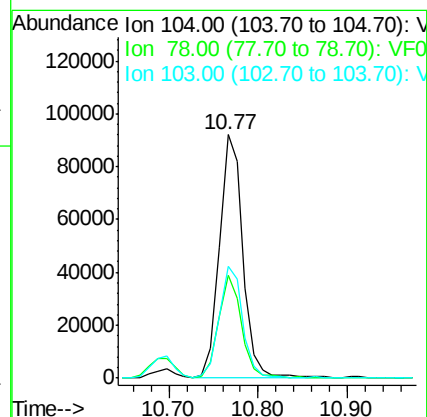
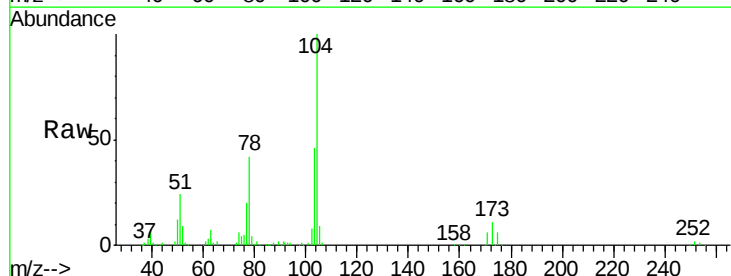
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0226SBS01

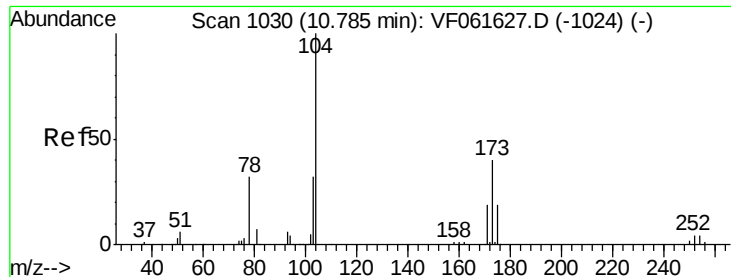
Tot Ion:106 Resp: 120875  
Ion Ratio Lower Upper  
106 100  
91 210.3 100.1 300.1



#70  
Styrene  
Concen: 21.381 ug/l  
RT: 10.77 min Scan# 1028  
Delta R.T. -0.03 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

Tgt Ion:104 Resp: 169471  
Ion Ratio Lower Upper  
104 100  
78 42.2 33.2 49.8  
103 46.1 37.2 55.8





#71

Bromoform

Concen: 20.011 ug/l

RT: 10.76 min Scan# 1027

Delta R.T. -0.03 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Instrument :

MSVOA\_F

ClientSampleId :

VF0226SBS01

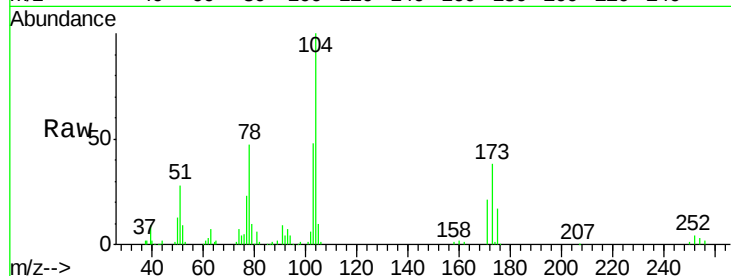
Tot Ion:173 Resp: 35129

Ion Ratio Lower Upper

173 100

175 46.0 24.0 72.0

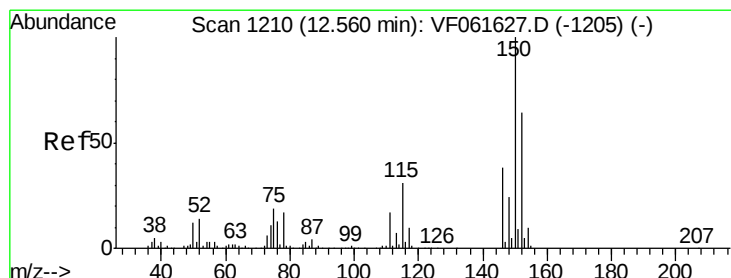
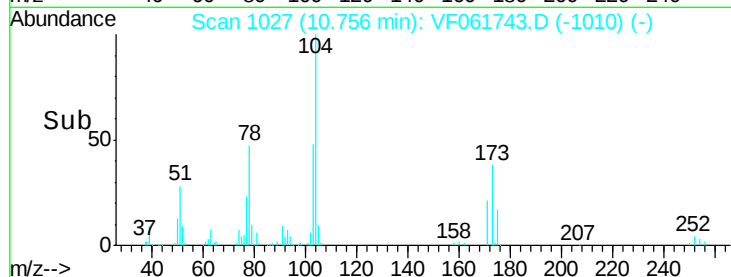
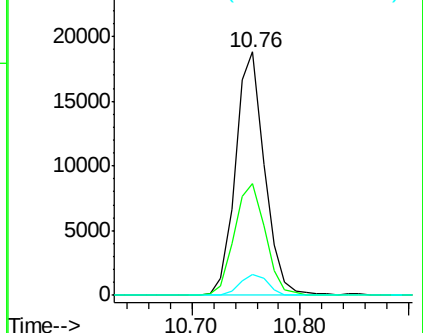
254 8.6 8.2 12.2



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: 12.53 min Scan# 1207

Delta R.T. -0.03 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

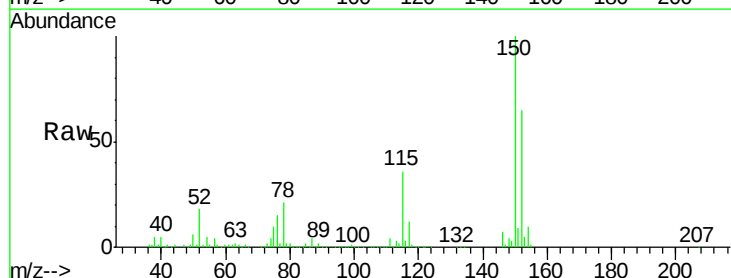
Tgt Ion:152 Resp: 231056

Ion Ratio Lower Upper

152 100

115 55.9 24.3 72.8

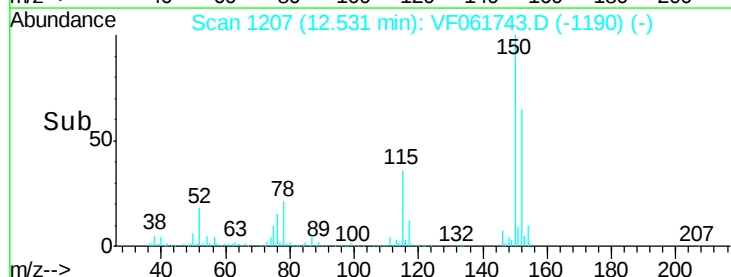
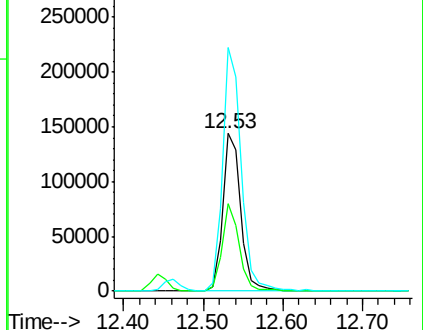
150 154.6 0.0 312.0

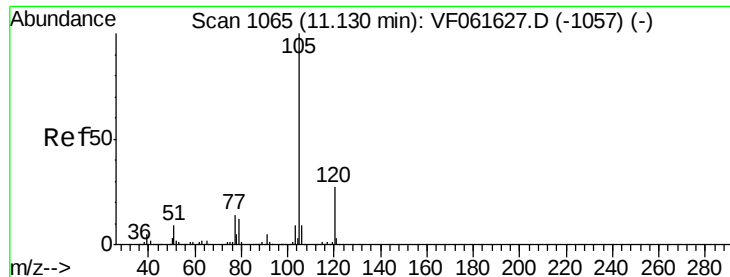


Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 21.313 ug/l

RT: 11.10 min Scan# 1062

Delta R.T. -0.03 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Instrument :

MSVOA\_F

ClientSampleId :

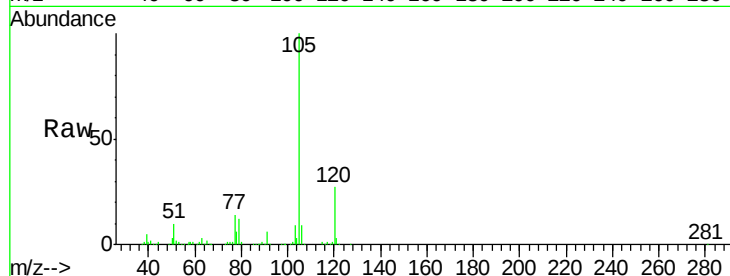
VF0226SBS01

Tot Ion:105 Resp: 350621

Ion Ratio Lower Upper

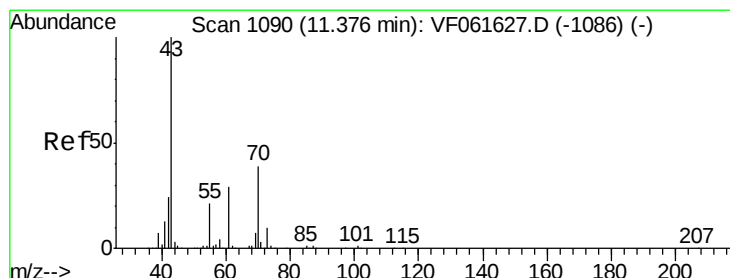
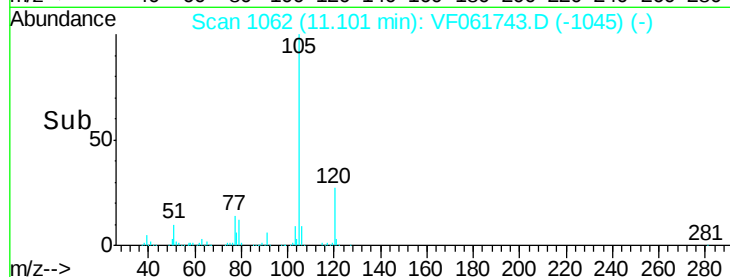
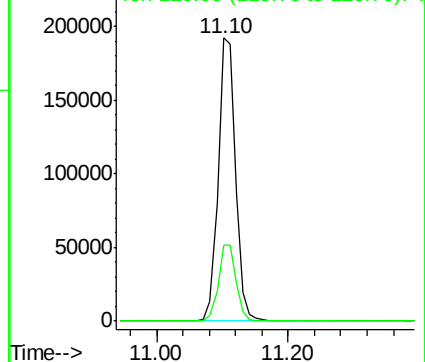
105 100

120 27.0 13.4 40.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.765 ug/l

RT: 11.36 min Scan# 1088

Delta R.T. -0.02 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Tgt Ion: 43 Resp: 78044

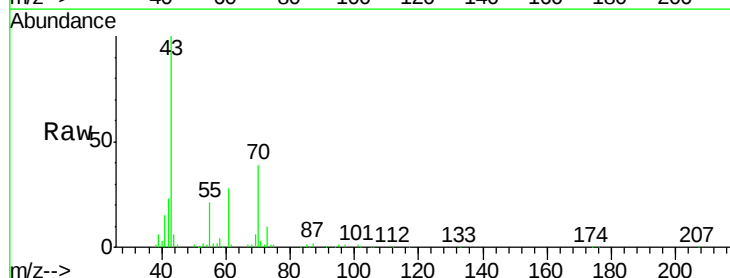
Ion Ratio Lower Upper

43 100

70 38.8 31.5 47.3

55 21.4 16.7 25.1

61 27.8 23.0 34.6

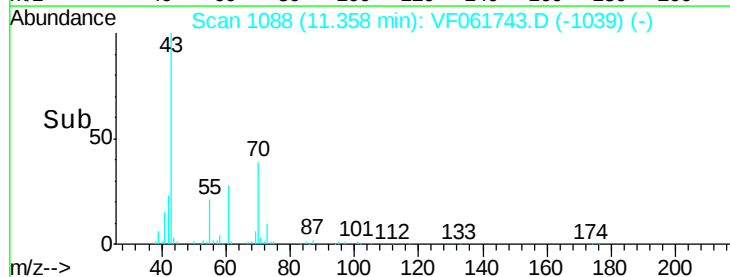
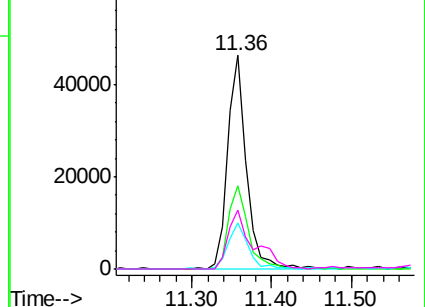


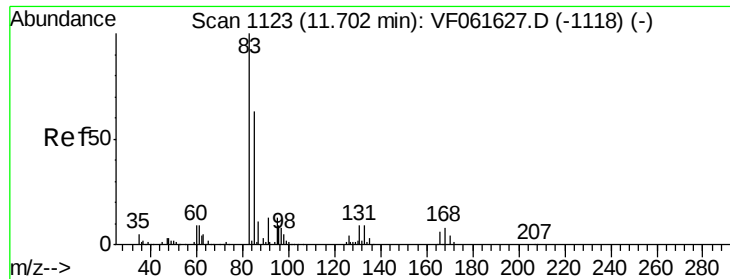
Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 70.00 (69.70 to 70.70): VF0

Ion 55.00 (54.70 to 55.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.191 ug/l

RT: 11.68 min Scan# 1121

Delta R.T. -0.02 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Instrument :

MSVOA\_F

ClientSampleId :

VF0226SBS01

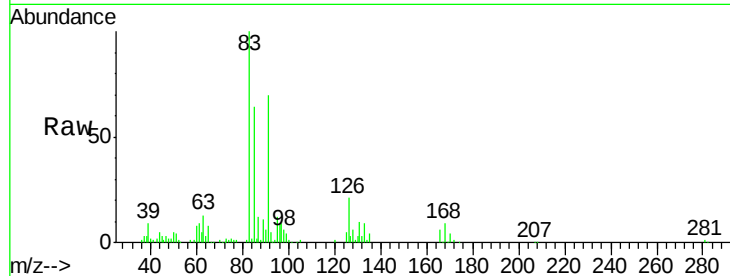
Tot Ion: 83 Resp: 56561

Ion Ratio Lower Upper

83 100

131 9.5 4.4 13.2

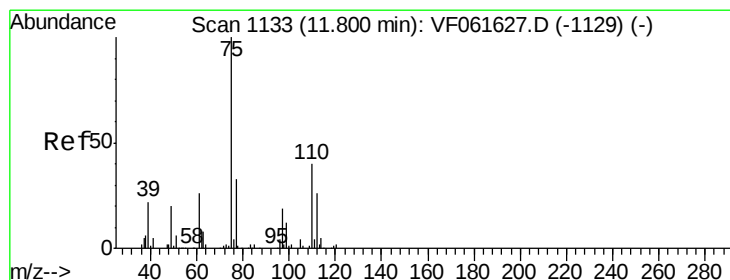
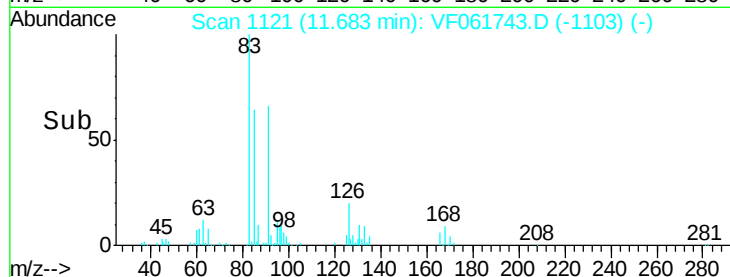
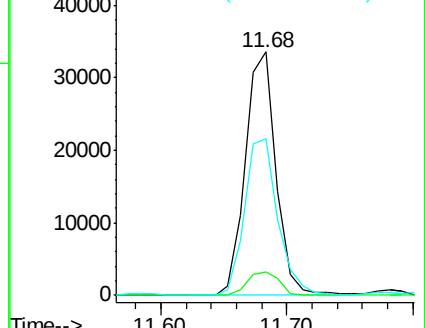
85 64.5 31.5 94.5



Abundance Ion 83.00 (82.70 to 83.70): VF0

Ion 131.00 (130.70 to 131.70): VF0

Ion 85.00 (84.70 to 85.70): VF0



#76

1,2,3-Trichloropropane

Concen: 18.693 ug/l

RT: 11.78 min Scan# 1131

Delta R.T. -0.02 min

Lab File: VF061743.D

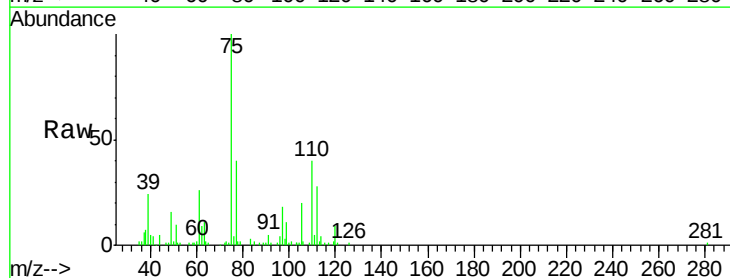
Acq: 26 Feb 2019 15:37

Tgt Ion: 75 Resp: 37457

Ion Ratio Lower Upper

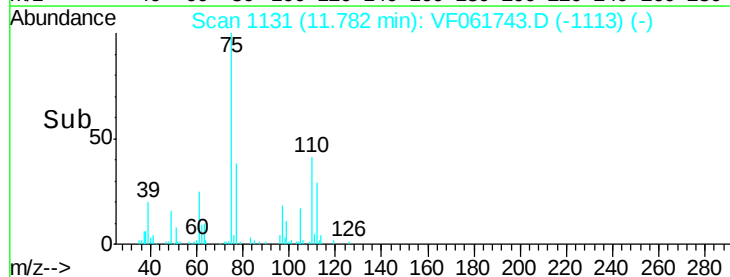
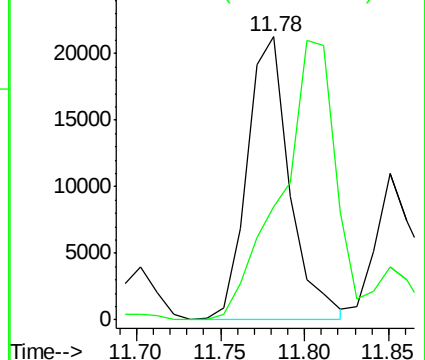
75 100

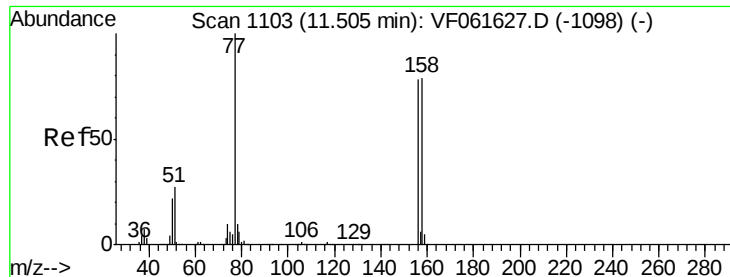
77 39.8 16.6 49.7



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 20.563 ug/l

RT: 11.48 min Scan# 1100

Delta R.T. -0.03 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Instrument :

MSVOA\_F

ClientSampleId :

VF0226SBS01

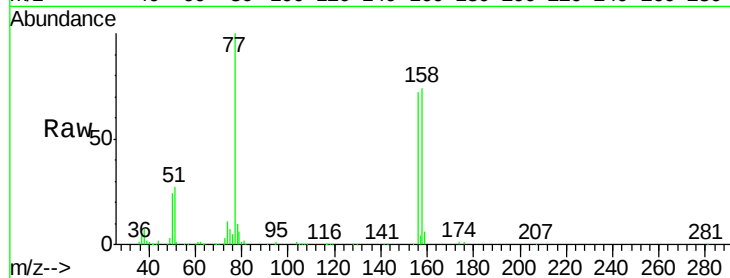
Tot Ion:156 Resp: 83571

Ion Ratio Lower Upper

156 100

77 138.8 64.3 192.7

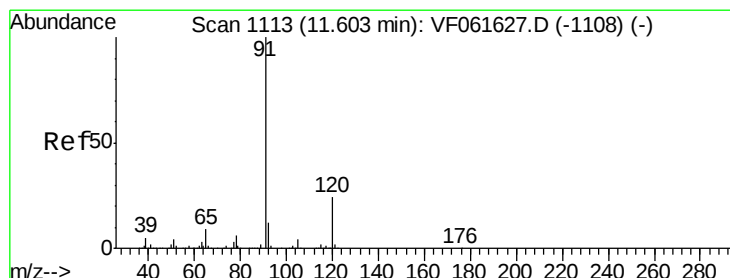
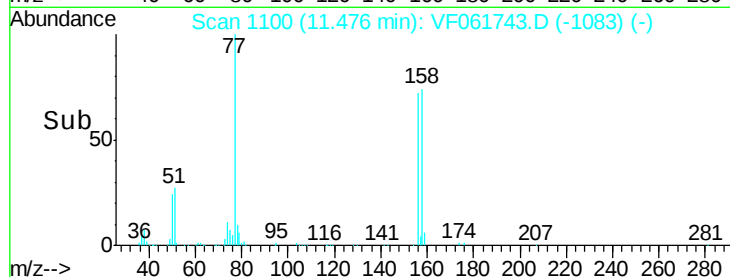
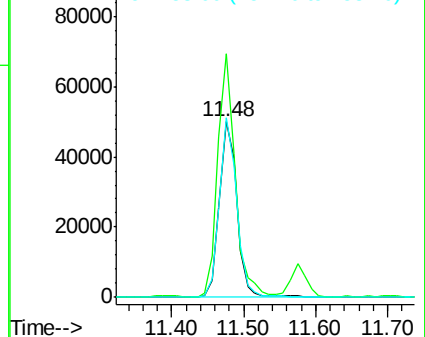
158 102.2 50.9 152.7



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VF0

Ion 158.00 (157.70 to 158.70): V



#78

n-propylbenzene

Concen: 19.516 ug/l

RT: 11.57 min Scan# 1110

Delta R.T. -0.03 min

Lab File: VF061743.D

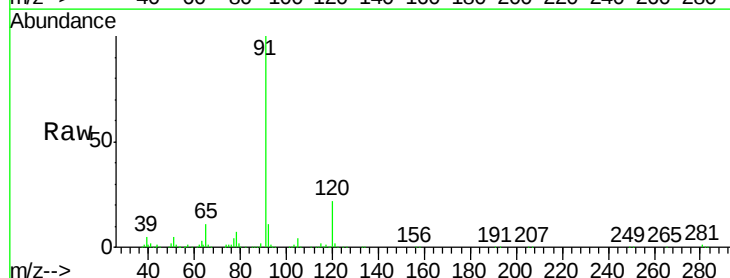
Acq: 26 Feb 2019 15:37

Tgt Ion: 91 Resp: 368415

Ion Ratio Lower Upper

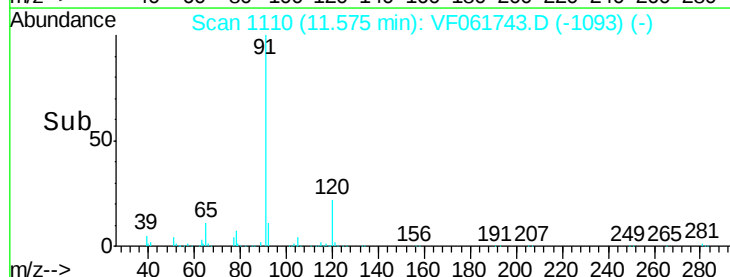
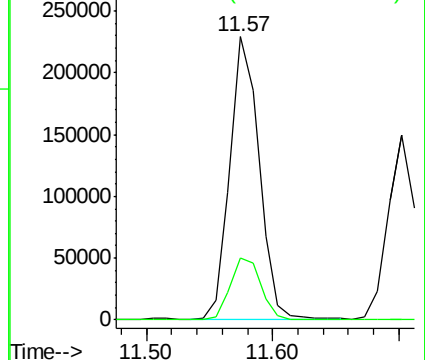
91 100

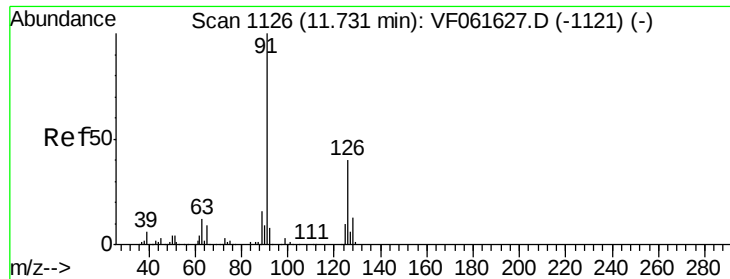
120 21.7 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.597 ug/l

RT: 11.70 min Scan# 1123

Delta R.T. -0.03 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Instrument :

MSVOA\_F

ClientSampleId :

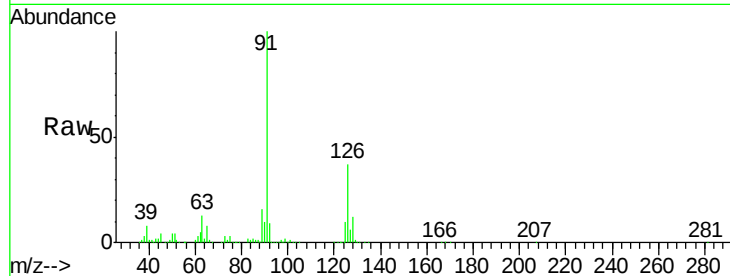
VF0226SBS01

Tot Ion: 91 Resp: 228335

Ion Ratio Lower Upper

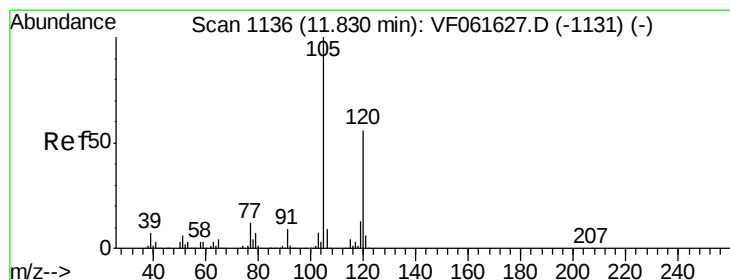
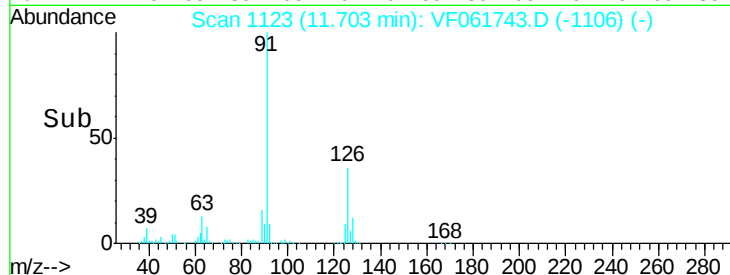
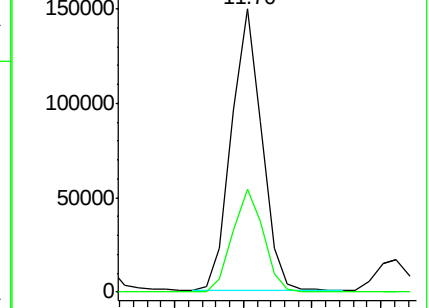
91 100

126 36.6 19.8 59.4



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V



#80

1,3,5-Trimethylbenzene

Concen: 21.292 ug/l

RT: 11.81 min Scan# 1134

Delta R.T. -0.02 min

Lab File: VF061743.D

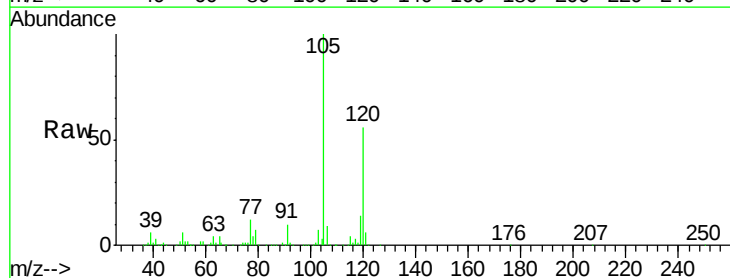
Acq: 26 Feb 2019 15:37

Tgt Ion:105 Resp: 279943

Ion Ratio Lower Upper

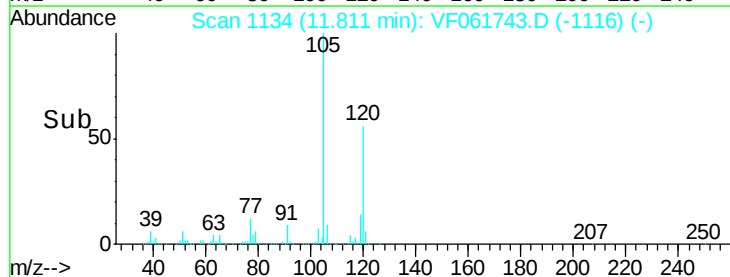
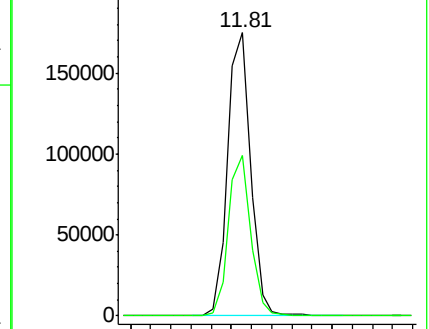
105 100

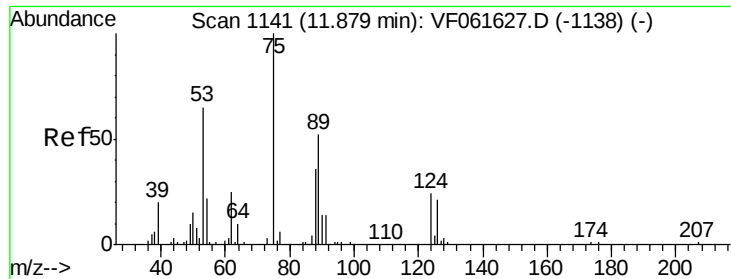
120 56.5 27.9 83.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

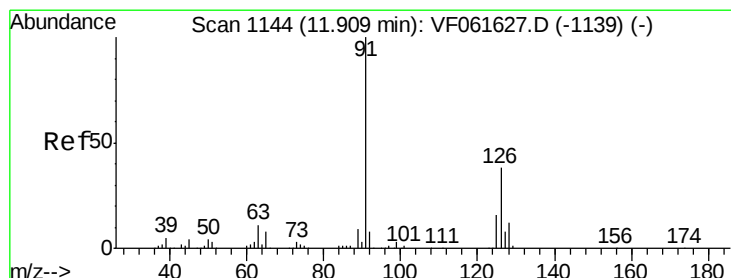
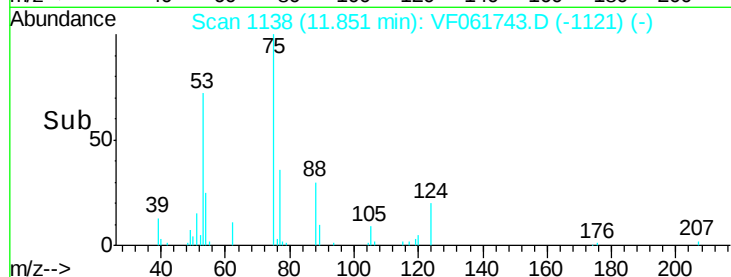
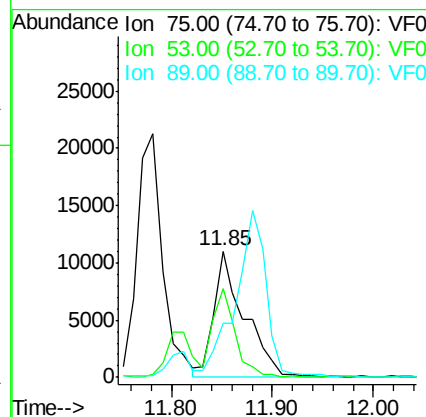
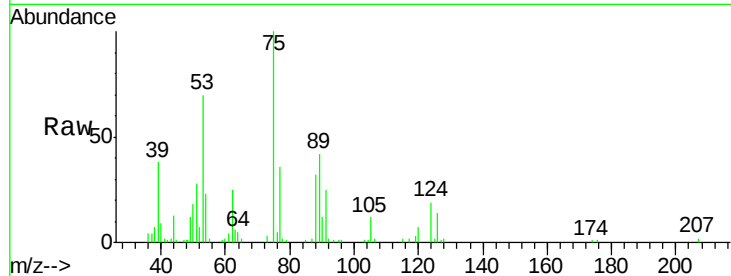




#81  
trans-1,4-Dichloro-2-butene  
Concen: 24.525 ug/l  
RT: 11.85 min Scan# 1138  
Delta R.T. -0.03 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

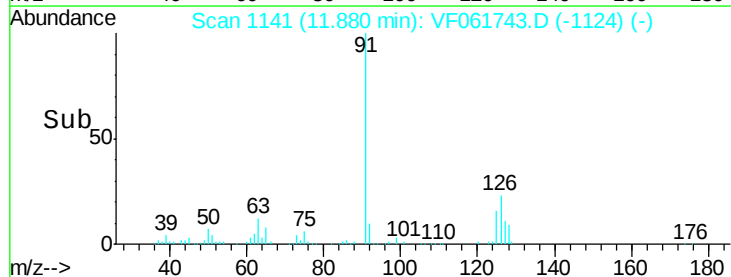
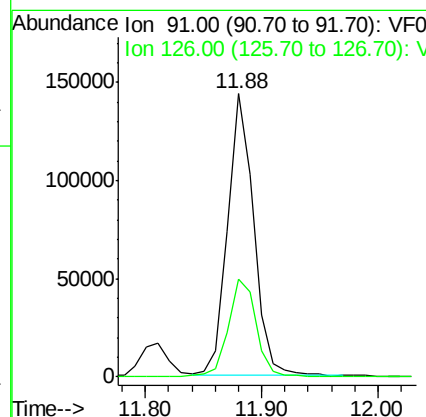
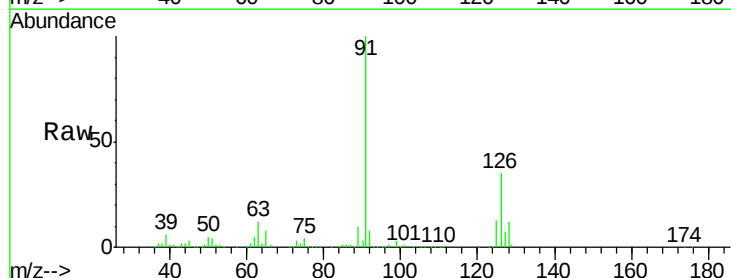
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0226SBS01

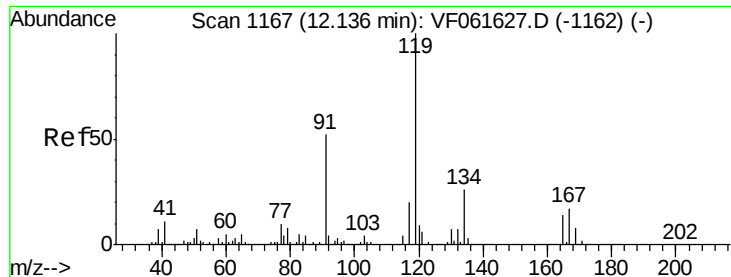
Tot Ion: 75 Resp: 23560  
Ion Ratio Lower Upper  
75 100  
53 70.3 53.7 80.5  
89 42.4 41.6 62.4



#82  
4-Chlorotoluene  
Concen: 20.285 ug/l  
RT: 11.88 min Scan# 1141  
Delta R.T. -0.03 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

Tgt Ion: 91 Resp: 222605  
Ion Ratio Lower Upper  
91 100  
126 34.5 19.1 57.1

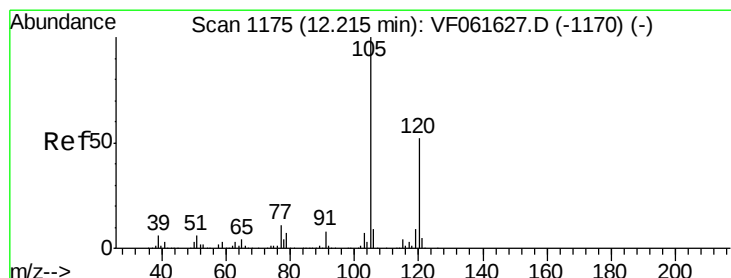
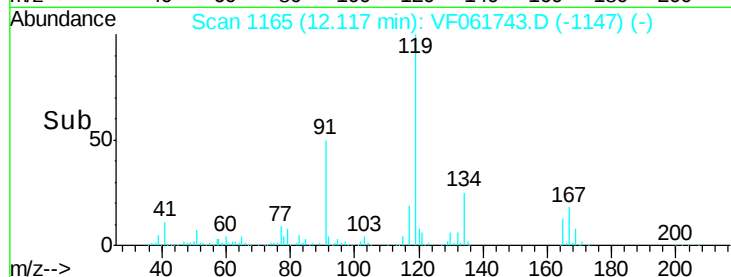
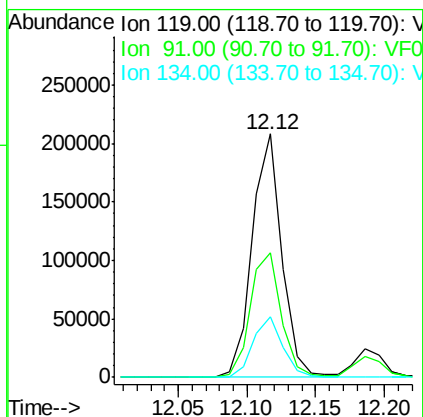
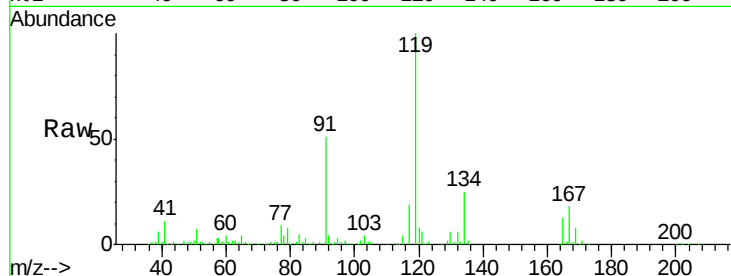




#83  
tert-Butylbenzene  
Concen: 21.496 ug/l  
RT: 12.12 min Scan# 1165  
Delta R.T. -0.02 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

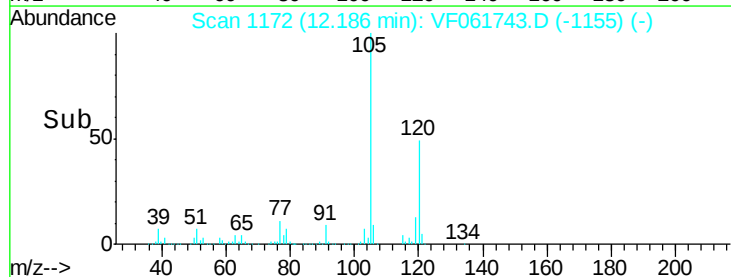
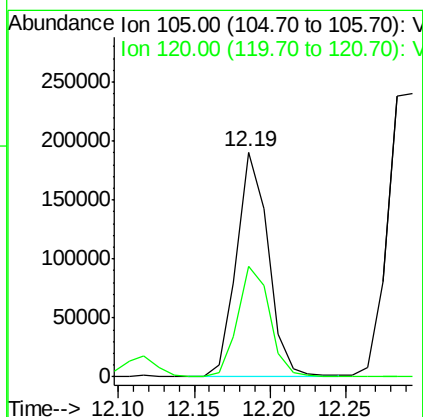
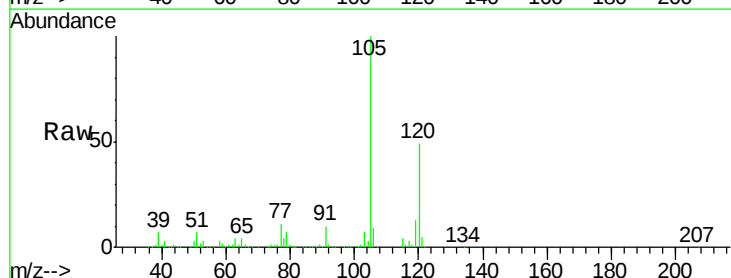
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0226SBS01

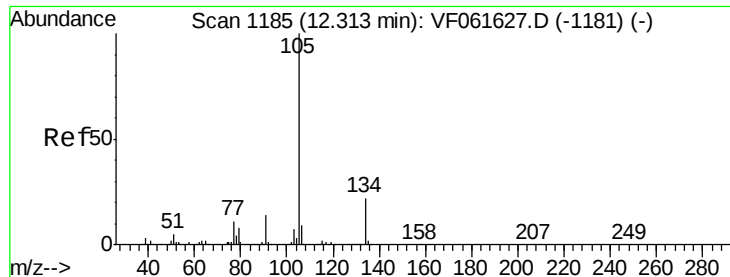
Tot Ion:119 Resp: 313044  
Ion Ratio Lower Upper  
119 100  
91 51.1 26.3 78.8  
134 25.0 12.9 38.7



#84  
1,2,4-Trimethylbenzene  
Concen: 21.354 ug/l  
RT: 12.19 min Scan# 1172  
Delta R.T. -0.03 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

Tgt Ion:105 Resp: 278933  
Ion Ratio Lower Upper  
105 100  
120 49.2 26.1 78.3





#85

sec-Butylbenzene

Concen: 21.271 ug/l

RT: 12.29 min Scan# 1183

Delta R.T. -0.02 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

Instrument :

MSVOA\_F

ClientSampleId :

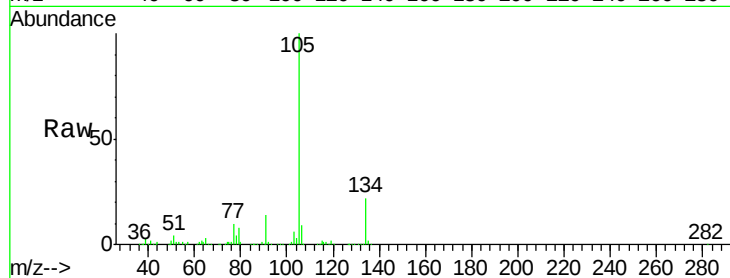
VF0226SBS01

Tot Ion:105 Resp: 400587

Ion Ratio Lower Upper

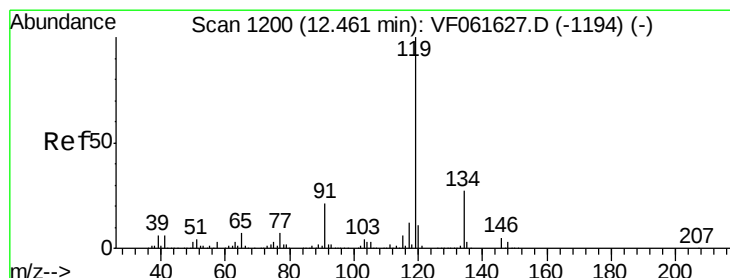
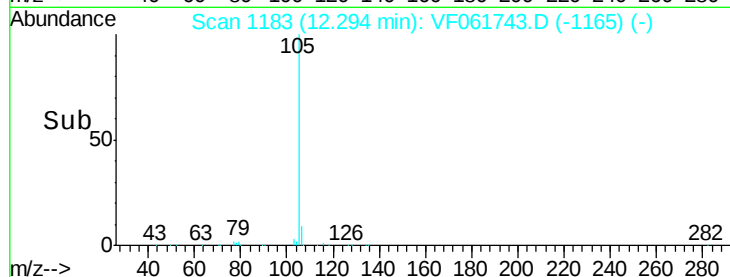
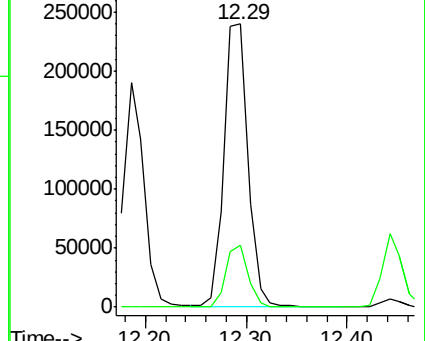
105 100

134 21.9 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.254 ug/l

RT: 12.44 min Scan# 1198

Delta R.T. -0.02 min

Lab File: VF061743.D

Acq: 26 Feb 2019 15:37

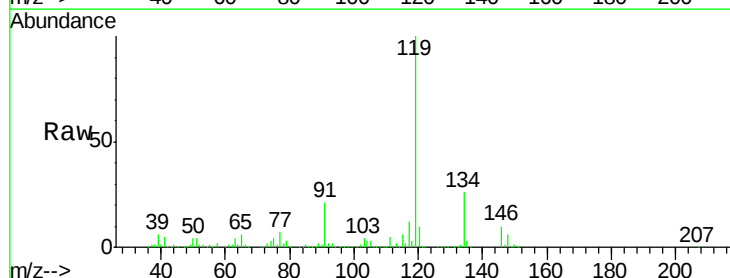
Tgt Ion:119 Resp: 335907

Ion Ratio Lower Upper

119 100

134 25.6 13.7 41.1

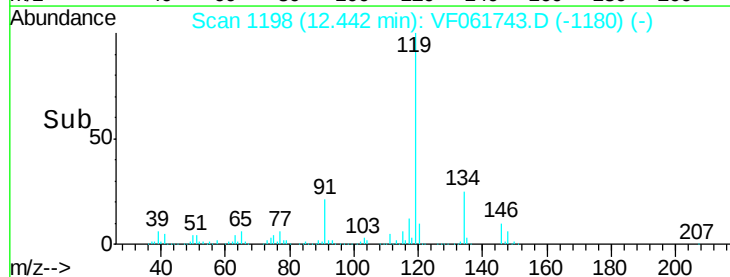
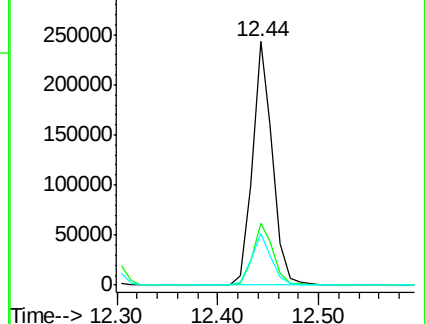
91 21.5 10.8 32.4

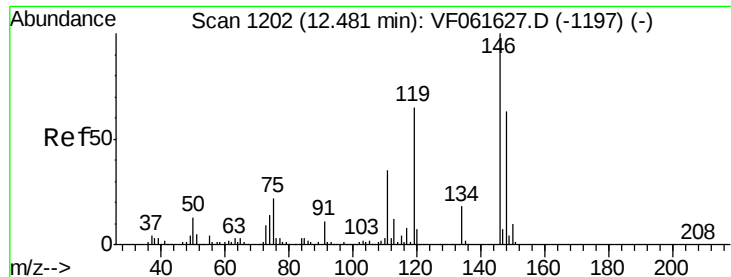


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

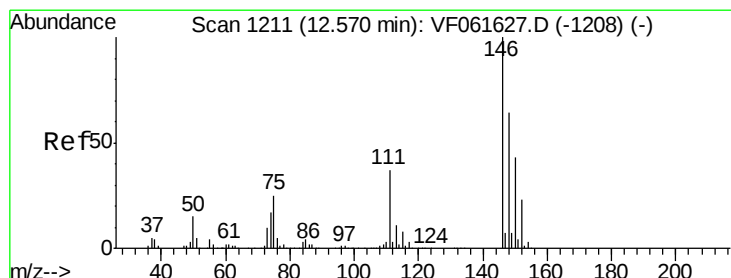
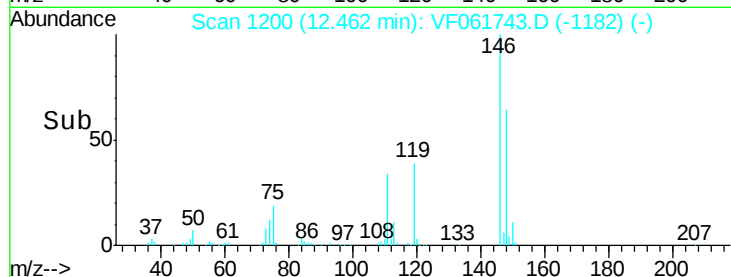
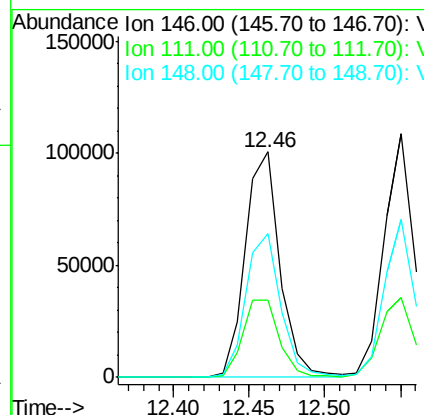
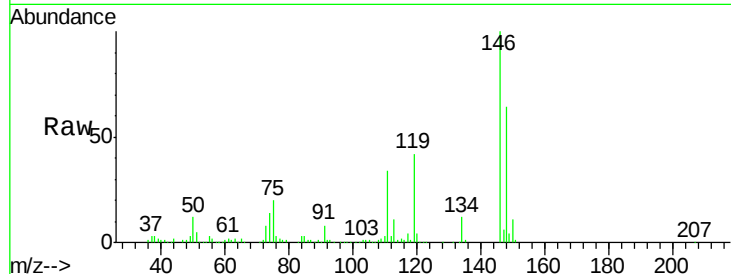




#87  
 1,3-Dichlorobenzene  
 Concen: 20.295 ug/l  
 RT: 12.46 min Scan# 1200  
 Delta R.T. -0.02 min  
 Lab File: VF061743.D  
 Acq: 26 Feb 2019 15:37

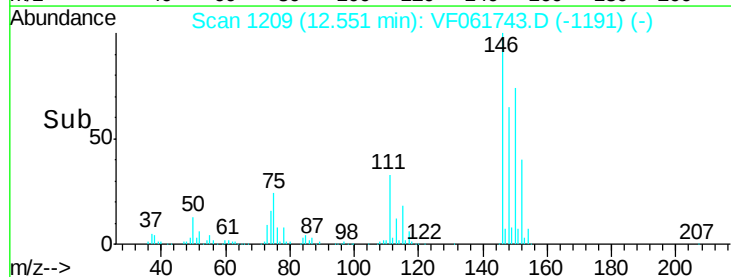
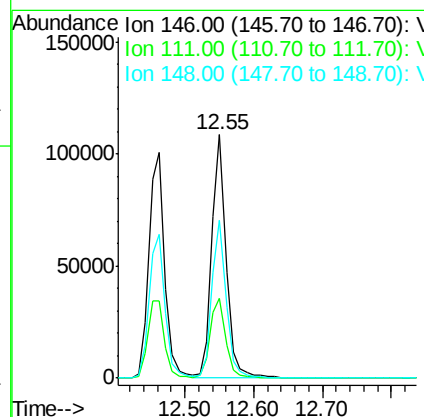
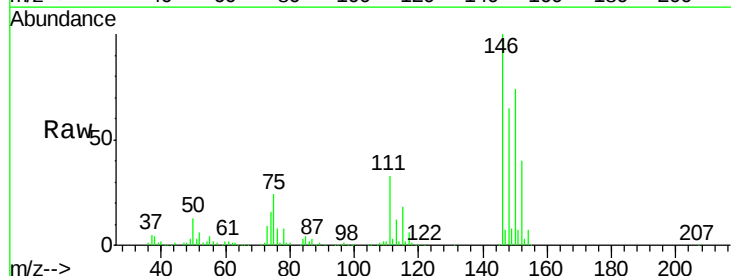
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0226SBS01

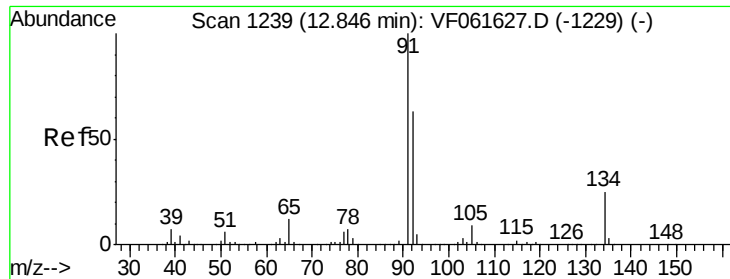
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 34.1  | 17.5  | 52.6  |
| 148     | 64.0  | 31.4  | 94.3  |



#88  
 1,4-Dichlorobenzene  
 Concen: 21.097 ug/l  
 RT: 12.55 min Scan# 1209  
 Delta R.T. -0.02 min  
 Lab File: VF061743.D  
 Acq: 26 Feb 2019 15:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 32.7  | 18.4  | 55.4  |
| 148     | 65.0  | 32.2  | 96.6  |

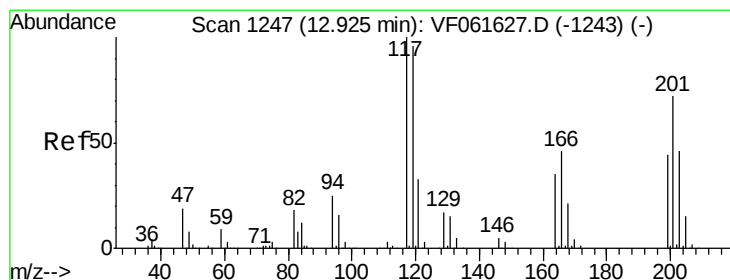
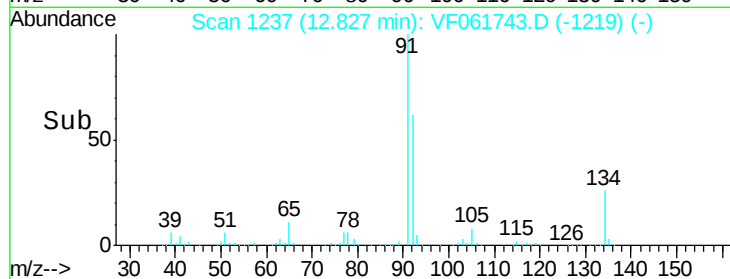
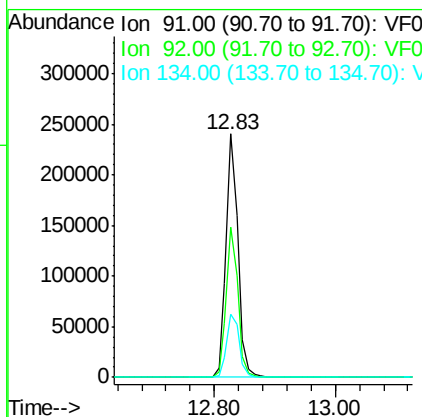
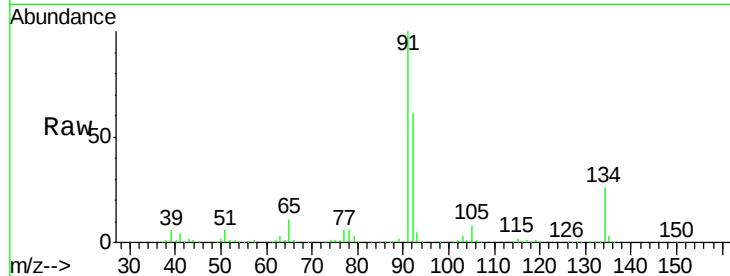




#89  
n-Butylbenzene  
Concen: 21.992 ug/l  
RT: 12.83 min Scan# 1237  
Delta R.T. -0.02 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

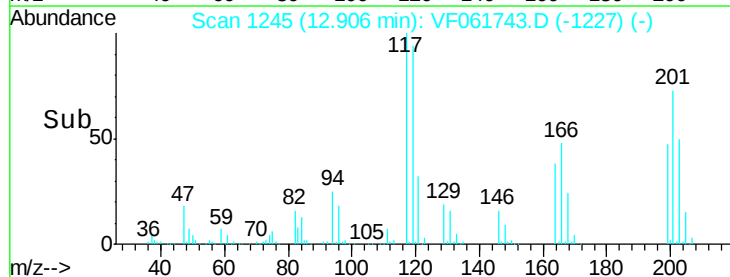
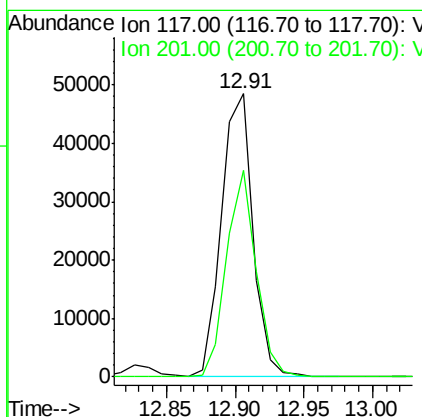
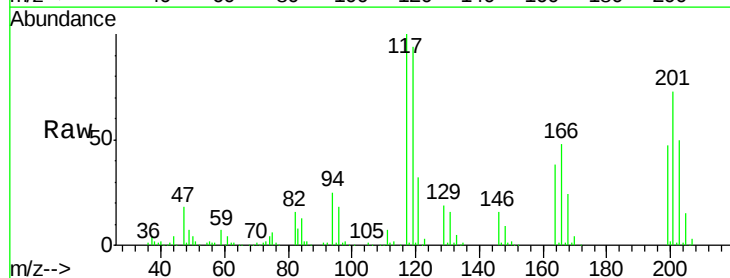
Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0226SBS01

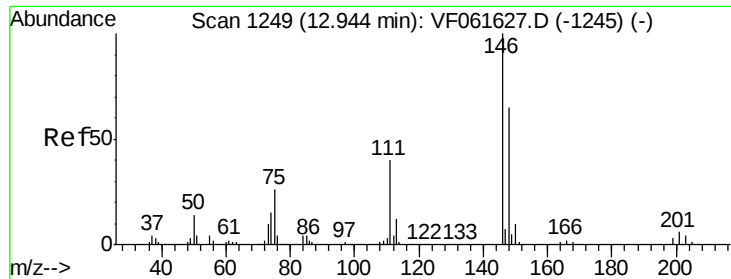
Tot Ion: 91 Resp: 328210  
Ion Ratio Lower Upper  
91 100  
92 61.5 31.4 94.3  
134 26.1 12.3 36.9



#90  
Hexachloroethane  
Concen: 20.877 ug/l  
RT: 12.91 min Scan# 1245  
Delta R.T. -0.02 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

Tgt Ion: 117 Resp: 76738  
Ion Ratio Lower Upper  
117 100  
201 72.9 36.2 108.6

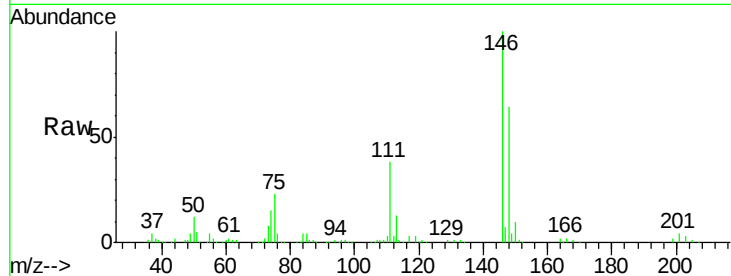




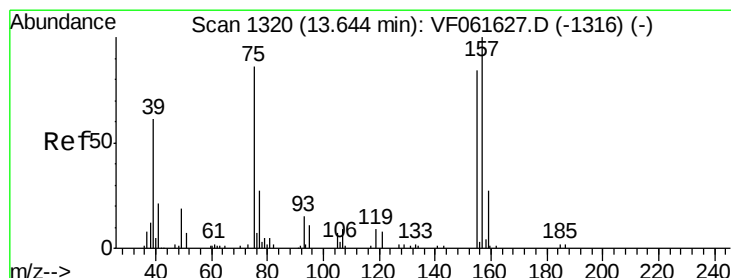
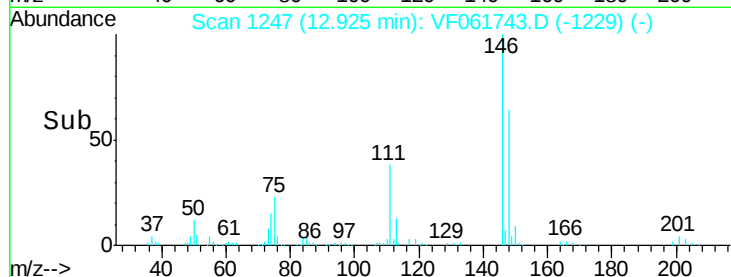
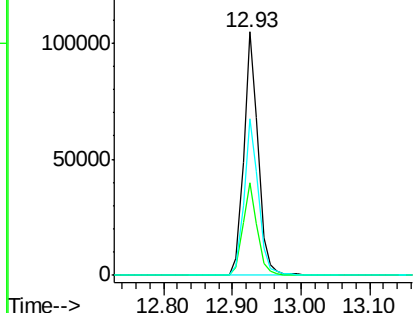
#91  
 1,2-Dichlorobenzene  
 Concen: 20.139 ug/l  
 RT: 12.93 min Scan# 1247  
 Delta R.T. -0.02 min  
 Lab File: VF061743.D  
 Acq: 26 Feb 2019 15:37

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0226SBS01

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.0  | 20.2  | 60.5  |
| 148     | 64.0  | 32.3  | 96.9  |

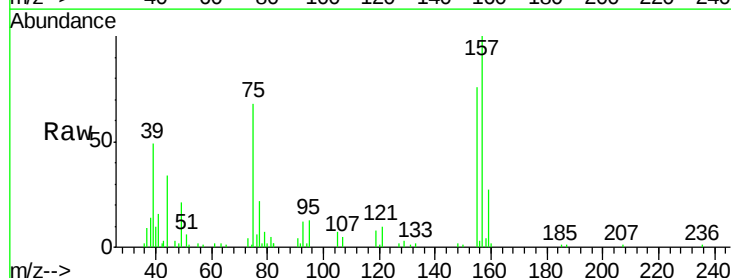


Abundance Ion 146.00 (145.70 to 146.70): V  
 Ion 111.00 (110.70 to 111.70): V  
 Ion 148.00 (147.70 to 148.70): V

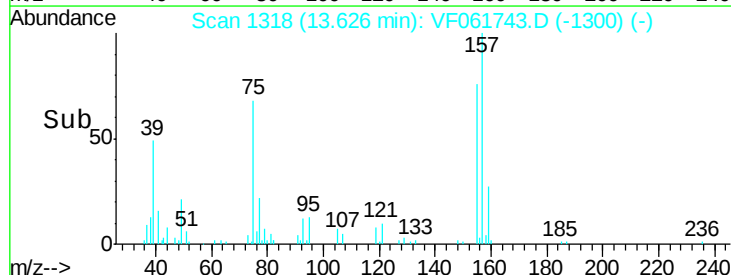
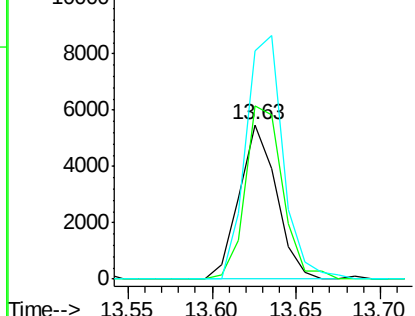


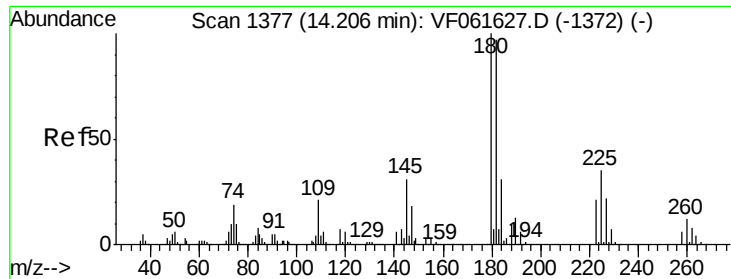
#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 17.966 ug/l  
 RT: 13.63 min Scan# 1318  
 Delta R.T. -0.02 min  
 Lab File: VF061743.D  
 Acq: 26 Feb 2019 15:37

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 112.0 | 48.9  | 146.8 |
| 157     | 147.9 | 58.3  | 174.8 |



Abundance Ion 75.00 (74.70 to 75.70): VF0  
 Ion 155.00 (154.70 to 155.70): V  
 Ion 157.00 (156.70 to 157.70): V

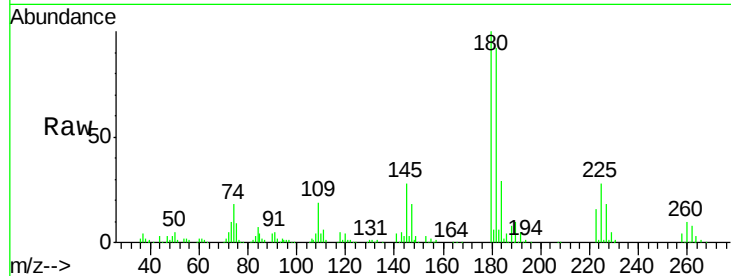




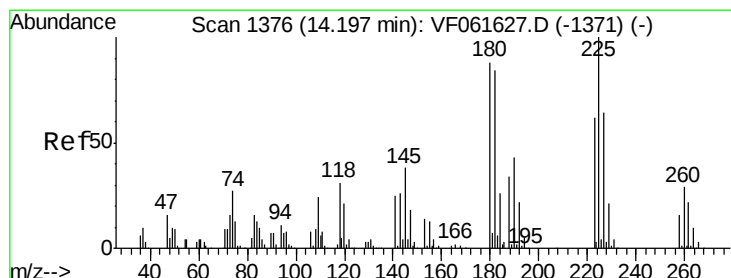
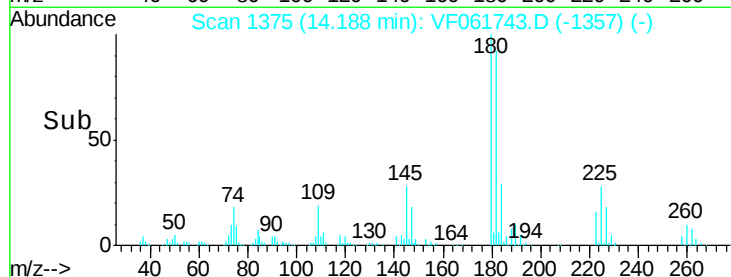
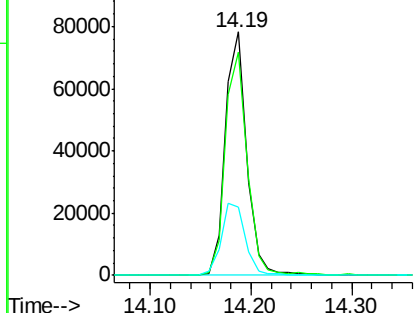
#93  
 1,2,4-Trichlorobenzene  
 Concen: 21.512 ug/l  
 RT: 14.19 min Scan# 1375  
 Delta R.T. -0.02 min  
 Lab File: VF061743.D  
 Acq: 26 Feb 2019 15:37

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 VF0226SBS01

Tot Ion:180 Resp: 116199  
 Ion Ratio Lower Upper  
 180 100  
 182 91.9 48.6 145.9  
 145 28.2 15.3 45.9

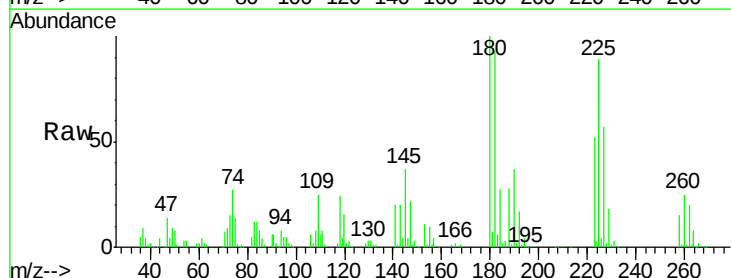


Abundance Ion 180.00 (179.70 to 180.70): V  
 Ion 182.00 (181.70 to 182.70): V  
 Ion 145.00 (144.70 to 145.70): V

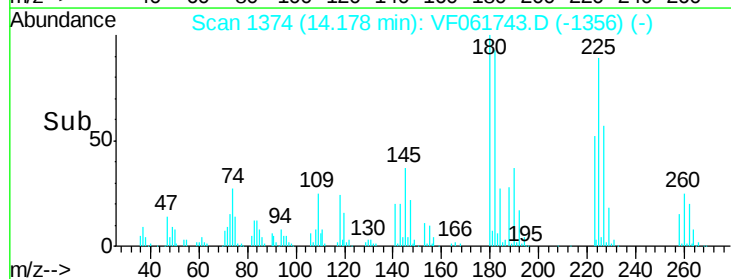
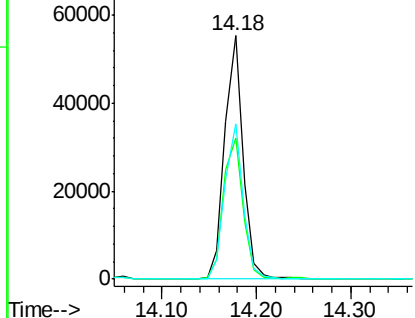


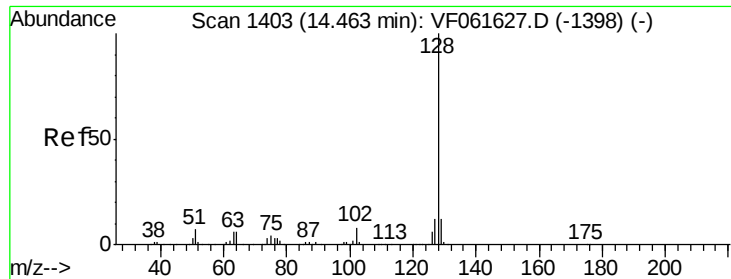
#94  
 Hexachlorobutadiene  
 Concen: 22.293 ug/l  
 RT: 14.18 min Scan# 1374  
 Delta R.T. -0.02 min  
 Lab File: VF061743.D  
 Acq: 26 Feb 2019 15:37

Tgt Ion:225 Resp: 74369  
 Ion Ratio Lower Upper  
 225 100  
 223 58.2 30.9 92.7  
 227 63.6 32.1 96.3



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

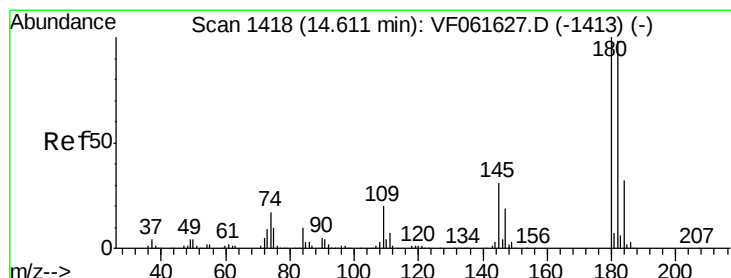
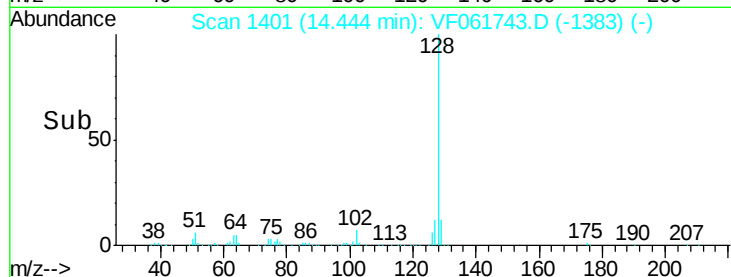
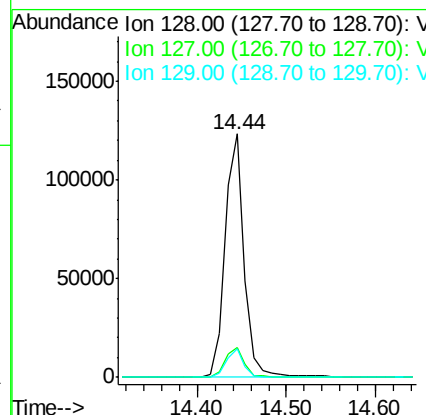
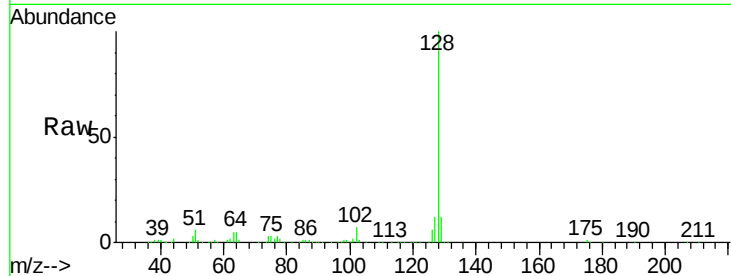




#95  
Naphthalene  
Concen: 19.708 ug/l  
RT: 14.44 min Scan# 1401  
Delta R.T. -0.02 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

Instrument :  
MSVOA\_F  
ClientSampleId :  
VF0226SBS01

Tot Ion:128 Resp: 186257  
Ion Ratio Lower Upper  
128 100  
127 12.0 9.8 14.6  
129 11.6 9.4 14.2



#96  
1,2,3-Trichlorobenzene  
Concen: 21.087 ug/l  
RT: 14.58 min Scan# 1415  
Delta R.T. -0.03 min  
Lab File: VF061743.D  
Acq: 26 Feb 2019 15:37

Tgt Ion:180 Resp: 104544  
Ion Ratio Lower Upper  
180 100  
182 90.5 49.0 147.2  
145 33.2 15.4 46.1

