

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_F\DATA\VF122818\  
 Data File : VF061237.D  
 Acq On : 28 Dec 2018 15:49  
 Operator : VA/AP  
 Sample : J6515-02MS  
 Misc : 5.73g/5mL/MSVOA-F/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 S72-0050MS

Quant Time: Dec 29 00:56:47 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F121918S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 20 00:56:59 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 4.88  | 168  | 138256   | 50.00 | ug/l  | 0.01     |
| 34) 1,4-Difluorobenzene    | 5.61  | 114  | 277704   | 50.00 | ug/l  | 0.02     |
| 63) Chlorobenzene-d5       | 9.79  | 117  | 266580   | 50.00 | ug/l  | 0.01     |
| 72) 1,4-Dichlorobenzene-d4 | 12.56 | 152  | 125068   | 50.00 | ug/l  | 0.01     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 4.86  | 65   | 100432   | 56.48 | ug/l    | 0.02     |
| Spiked Amount               |       |      | Recovery | =     | 112.96% |          |
| 35) Dibromofluoromethane    | 4.12  | 113  | 126210   | 56.73 | ug/l    | 0.01     |
| Spiked Amount               |       |      | Recovery | =     | 113.46% |          |
| 50) Toluene-d8              | 7.57  | 98   | 354267   | 56.20 | ug/l    | 0.01     |
| Spiked Amount               |       |      | Recovery | =     | 112.40% |          |
| 62) 4-Bromofluorobenzene    | 11.42 | 95   | 147618   | 50.79 | ug/l    | 0.01     |
| Spiked Amount               |       |      | Recovery | =     | 101.58% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 0.97 | 85   | 81253    | 26.438  | ug/l   | 93     |
| 3) Chloromethane              | 1.11 | 50   | 97756    | 55.529  | ug/l   | 93     |
| 4) Vinyl Chloride             | 1.14 | 62   | 74697    | 45.739  | ug/l   | 92     |
| 5) Bromomethane               | 1.33 | 94   | 68464    | 60.442  | ug/l   | 93     |
| 6) Chloroethane               | 1.39 | 64   | 43163    | 57.360  | ug/l   | 90     |
| 7) Trichlorofluoromethane     | 1.49 | 101  | 77057    | 24.712  | ug/l   | 92     |
| 8) Diethyl Ether              | 1.64 | 74   | 28061    | 65.716  | ug/l   | 81     |
| 9) 1,1,2-Trichlorotrifluoroet | 1.85 | 101  | 53594    | 33.149  | ug/l   | 93     |
| 10) Methyl Iodide             | 1.91 | 142  | 124864   | 48.995  | ug/l   | 90     |
| 11) Tert butyl alcohol        | 2.59 | 59   | 24521    | 341.718 | ug/l # | 89     |
| 12) 1,1-Dichloroethene        | 1.80 | 96   | 60114    | 49.325  | ug/l   | 87     |
| 13) Acrolein                  | 2.00 | 56   | 24723    | 476.800 | ug/l   | 82     |
| 14) Allyl chloride            | 2.10 | 41   | 80736    | 63.658  | ug/l # | 81     |
| 15) Acrylonitrile             | 2.95 | 53   | 65032    | 391.918 | ug/l   | 90     |
| 16) Acetone                   | 2.25 | 43   | 127749   | 359.367 | ug/l # | 87     |
| 17) Carbon Disulfide          | 1.84 | 76   | 138288   | 37.547  | ug/l   | 96     |
| 18) Methyl Acetate            | 2.35 | 43   | 58685    | 79.793  | ug/l   | 98     |
| 19) Methyl tert-butyl Ether   | 2.44 | 73   | 167046   | 61.751  | ug/l   | 93     |
| 20) Methylene Chloride        | 2.25 | 84   | 54843    | 48.109  | ug/l   | 89     |
| 21) trans-1,2-Dichloroethene  | 2.32 | 96   | 56642    | 43.454  | ug/l   | 89     |
| 22) Diisopropyl ether         | 2.81 | 45   | 313697   | 74.254  | ug/l   | 96     |
| 23) Vinyl Acetate             | 3.20 | 43   | 668066   | 342.785 | ug/l   | 98     |
| 24) 1,1-Dichloroethane        | 2.88 | 63   | 155487   | 62.118  | ug/l   | 99     |
| 25) 2-Butanone                | 4.35 | 43   | 201855   | 350.123 | ug/l   | 98     |
| 26) 2,2-Dichloropropane       | 3.61 | 77   | 78573    | 54.699  | ug/l   | 96     |
| 27) cis-1,2-Dichloroethene    | 3.48 | 96   | 131219   | 65.756  | ug/l   | 96     |
| 28) Bromochloromethane        | 3.73 | 49   | 83146    | 65.466  | ug/l   | 97     |
| 29) Tetrahydrofuran           | 4.07 | 42   | 100970   | 430.296 | ug/l   | 93     |
| 30) Chloroform                | 3.87 | 83   | 247691   | 65.994  | ug/l   | 95     |
| 31) Cyclohexane               | 3.70 | 56   | 58390    | 22.480  | ug/l   | 90     |
| 32) 1,1,1-Trichloroethane     | 4.10 | 97   | 113862   | 50.614  | ug/l   | 94     |
| 36) 1,1-Dichloropropene       | 4.29 | 75   | 142297   | 42.450  | ug/l   | 95     |
| 37) Ethyl Acetate             | 4.12 | 43   | 83978    | 69.013  | ug/l   | 91     |
| 38) Carbon Tetrachloride      | 4.00 | 117  | 94447    | 36.998  | ug/l   | 97     |

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 Sample : J6515-02MS  
 Misc : 5.73g/5mL/MSVOA-F/SOIL  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 S72-0050MS

Quant Time: Dec 29 00:56:47 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F121918S.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Dec 20 00:56:59 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc      | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|-----------|--------|----------|
| 39) Methylcyclohexane          | 5.47  | 83   | 119274   | 39.662    | ug/l   | 97       |
| 40) Benzene                    | 4.65  | 78   | 396800   | 55.045    | ug/l   | 97       |
| 41) Methacrylonitrile          | 4.77  | 41   | 41684    | 58.882    | ug/l # | 91       |
| 42) 1,2-Dichloroethane         | 4.95  | 62   | 138175   | 50.458    | ug/l   | 98       |
| 43) Isopropyl Acetate          | 6.97  | 43   | 93689    | 57.884    | ug/l # | 98       |
| 44) Trichloroethene            | 5.51  | 130  | 115087   | 50.639    | ug/l   | 99       |
| 45) 1,2-Dichloropropane        | 6.24  | 63   | 108401   | 55.272    | ug/l   | 98       |
| 46) Dibromomethane             | 6.10  | 93   | 68930    | 54.189    | ug/l   | 98       |
| 47) Bromodichloromethane       | 6.40  | 83   | 173680   | 52.550    | ug/l   | 100      |
| 48) Methyl methacrylate        | 6.74  | 41   | 56434    | 49.945    | ug/l   | 91       |
| 49) 1,4-Dioxane                | 6.72  | 88   | 9089     | 1108.592  | ug/l # | 74       |
| 51) 4-Methyl-2-Pentanone       | 8.27  | 43   | 331339   | 298.493   | ug/l   | 99       |
| 52) Toluene                    | 7.64  | 92   | 264085   | 55.343    | ug/l   | 100      |
| 53) t-1,3-Dichloropropene      | 8.30  | 75   | 140977   | 52.875    | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 7.31  | 75   | 184316   | 55.080    | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 8.50  | 97   | 77345    | 54.069    | ug/l   | 94       |
| 56) Ethyl methacrylate         | 8.63  | 69   | 102484   | 66.208    | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 8.87  | 76   | 139262   | 53.826    | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 7.31  | 63   | 57877    | 194.683   | ug/l   | 99       |
| 59) 2-Hexanone                 | 9.50  | 43   | 250202   | 311.679   | ug/l   | 97       |
| 60) Dibromochloromethane       | 8.73  | 129  | 110819   | 54.043    | ug/l   | 99       |
| 61) 1,2-Dibromoethane          | 9.00  | 107  | 80302    | 52.562    | ug/l   | 99       |
| 64) Tetrachloroethene          | 8.17  | 164  | 84023    | 40.973    | ug/l   | 99       |
| 65) Chlorobenzene              | 9.82  | 112  | 282884   | 51.366    | ug/l   | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 9.94  | 131  | 109203   | 48.523    | ug/l   | 99       |
| 67) Ethyl Benzene              | 9.91  | 91   | 753819   | 75.134    | ug/l   | 98       |
| 68) m/p-Xylenes                | 10.15 | 106  | 582461   | 164.963   | ug/l   | 89       |
| 69) o-Xylene                   | 10.72 | 106  | 205498   | 52.477    | ug/l   | 93       |
| 70) Styrene                    | 10.80 | 104  | 277471   | 59.030    | ug/l   | 98       |
| 71) Bromoform                  | 10.78 | 173  | 51157    | 49.132    | ug/l   | 98       |
| 73) Isopropylbenzene           | 11.14 | 105  | 654926   | 60.766    | ug/l   | 100      |
| 74) N-amyl acetate             | 11.38 | 43   | 149091   | 62.307    | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.71 | 83   | 81138    | 45.360    | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.81 | 75   | 76956    | 57.810    | ug/l   | 90       |
| 77) Bromobenzene               | 11.50 | 156  | 119923   | 51.689    | ug/l   | 93       |
| 78) n-propylbenzene            | 11.60 | 91   | 1160594  | Below Cal |        | 99       |
| 79) 2-Chlorotoluene            | 11.73 | 91   | 527271   | 71.315    | ug/l   | 83       |
| 80) 1,3,5-Trimethylbenzene     | 11.84 | 105  | 1310295  | 147.644   | ug/l   | 92       |
| 81) trans-1,4-Dichloro-2-buten | 11.88 | 75   | 40386    | 70.602    | ug/l   | 93       |
| 82) 4-Chlorotoluene            | 11.91 | 91   | 355663   | 46.501    | ug/l   | 96       |
| 83) tert-Butylbenzene          | 12.14 | 119  | 412270   | 45.144    | ug/l   | 98       |
| 84) 1,2,4-Trimethylbenzene     | 12.21 | 105  | 2328136  | 263.068   | ug/l   | 88       |
| 85) sec-Butylbenzene           | 12.31 | 105  | 609354   | 51.130    | ug/l   | 94       |
| 86) p-Isopropyltoluene         | 12.47 | 119  | 632567   | 63.946    | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.49 | 146  | 218405   | 58.609    | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.58 | 146  | 217339   | 51.016    | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.85 | 91   | 575478   | 60.662    | ug/l   | 90       |
| 90) Hexachloroethane           | 12.92 | 117  | 112033   | 45.840    | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene        | 12.95 | 146  | 208315   | 50.224    | ug/l   | 97       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.65 | 75   | 14600    | 44.479    | ug/l   | 95       |

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Sample : J6515-02MS  
Misc : 5.73g/5mL/MSVOA-F/SOIL  
ALS Vial : 13 Sample Multiplier: 1

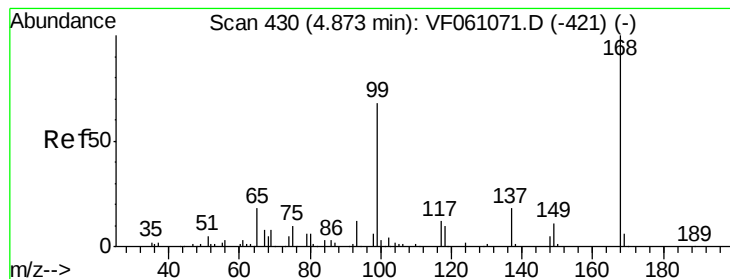
Instrument :  
MSVOA\_F  
ClientSampleId :  
S72-0050MS

Quant Time: Dec 29 00:56:47 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_F\METHODS\82F121918S.M  
Quant Title : SW846 8260  
QLast Update : Thu Dec 20 00:56:59 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 14.21 | 180  | 135162   | 45.950 | ug/l  | 98       |
| 94) Hexachlorobutadiene    | 14.20 | 225  | 53034    | 28.308 | ug/l  | 98       |
| 95) Naphthalene            | 14.46 | 128  | 509429   | 94.842 | ug/l  | 97       |
| 96) 1,2,3-Trichlorobenzene | 14.61 | 180  | 122852   | 45.178 | ug/l  | 97       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.88 min Scan# 431

Delta R.T. 0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Instrument :

MSVOA\_F

ClientSampleId :

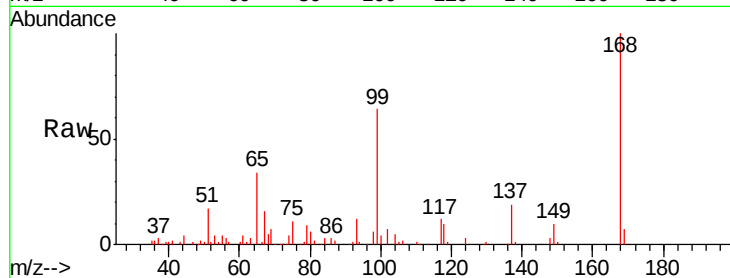
S72-0050MS

Tgt Ion:168 Resp: 138256

Ion Ratio Lower Upper

168 100

99 63.7 54.4 81.6

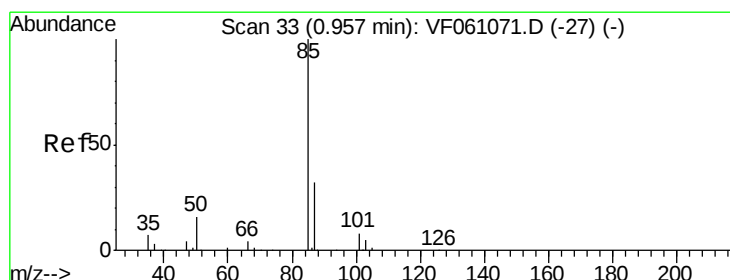
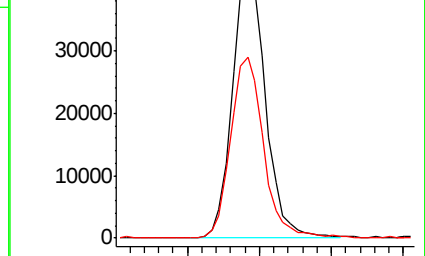
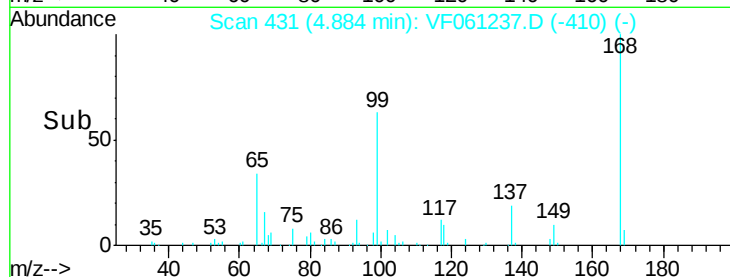


Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.88

Time-->



#2

Dichlorodifluoromethane

Concen: 26.438 ug/l

RT: 0.97 min Scan# 34

Delta R.T. 0.01 min

Lab File: VF061237.D

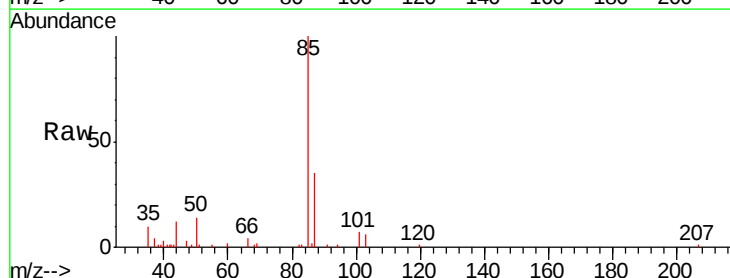
Acq: 28 Dec 2018 15:49

Tgt Ion: 85 Resp: 81253

Ion Ratio Lower Upper

85 100

87 35.4 15.9 47.6

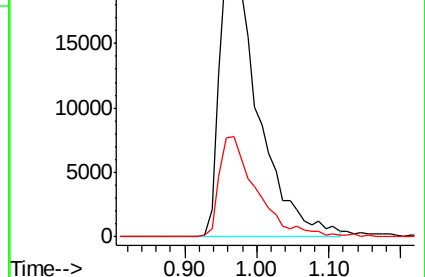
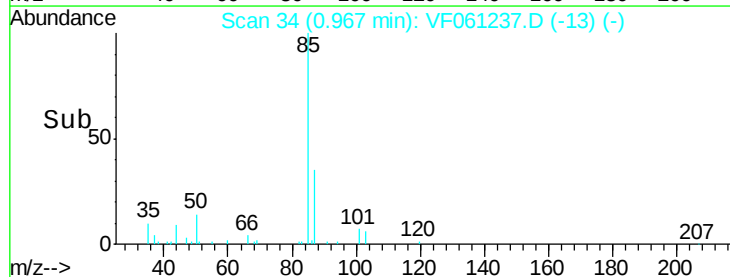


Abundance Ion 85.00 (84.70 to 85.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

0.97

Time-->





#3

Chloromethane

Concen: 55.529 ug/l

RT: 1.11 min Scan# 48

Delta R.T. 0.00 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Instrument :

MSVOA\_F

ClientSampleId :

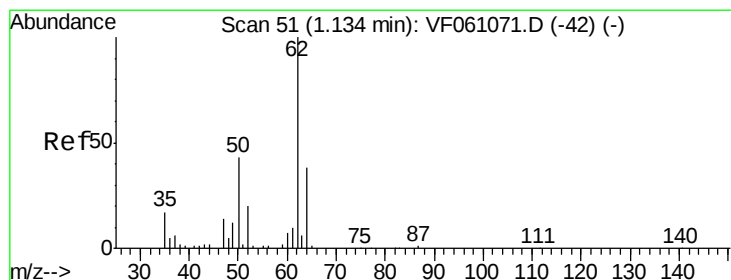
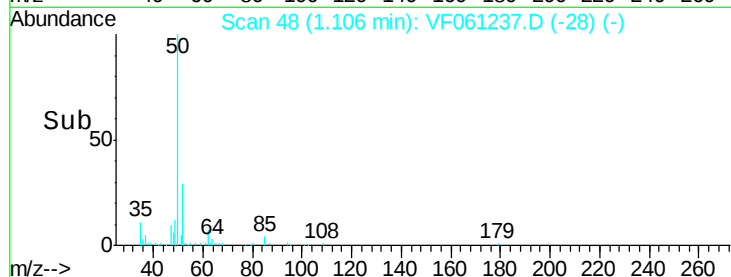
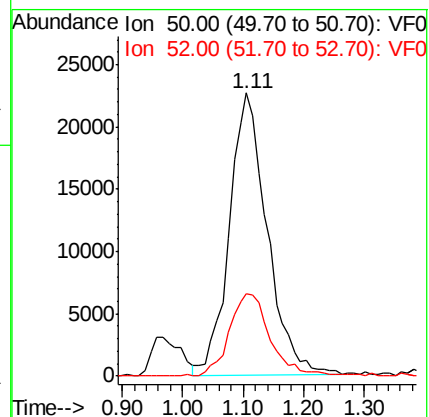
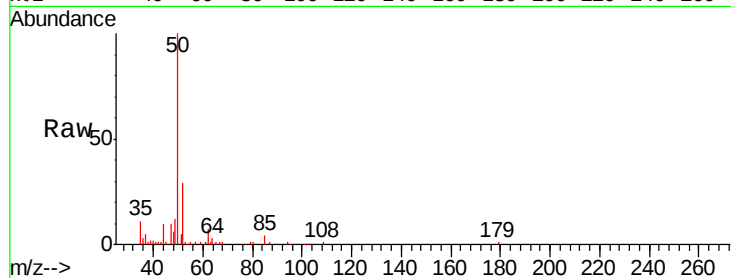
S72-0050MS

Tgt Ion: 50 Resp: 97756

Ion Ratio Lower Upper

50 100

52 29.0 26.3 39.5



#4

Vinyl Chloride

Concen: 45.739 ug/l

RT: 1.14 min Scan# 52

Delta R.T. 0.01 min

Lab File: VF061237.D

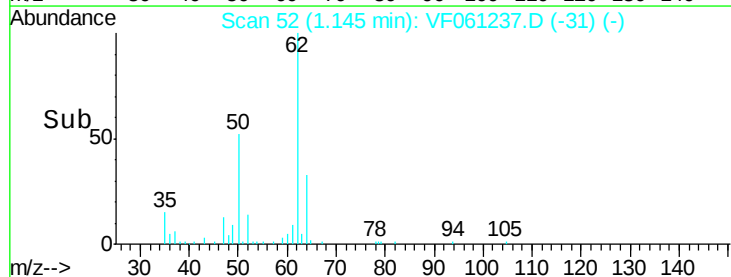
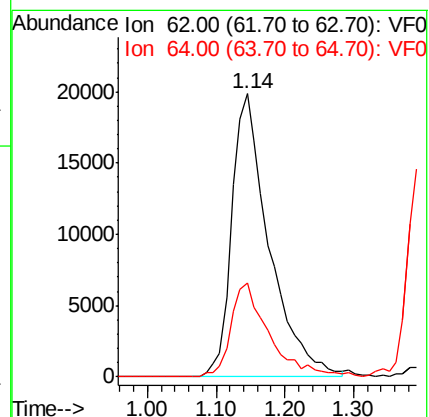
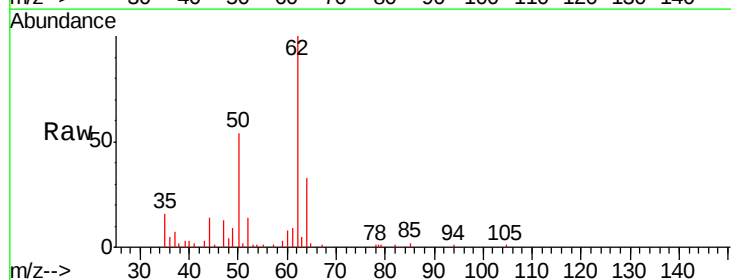
Acq: 28 Dec 2018 15:49

Tgt Ion: 62 Resp: 74697

Ion Ratio Lower Upper

62 100

64 33.2 30.4 45.6





#5

Bromomethane

Concen: 60.442 ug/l

RT: 1.33 min Scan# 71

Delta R.T. -0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Instrument :

MSVOA\_F

ClientSampleId :

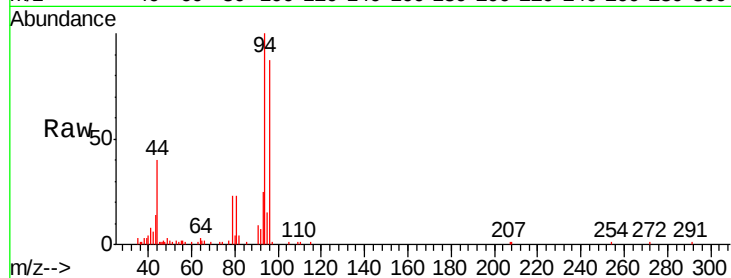
S72-0050MS

Tgt Ion: 94 Resp: 68464

Ion Ratio Lower Upper

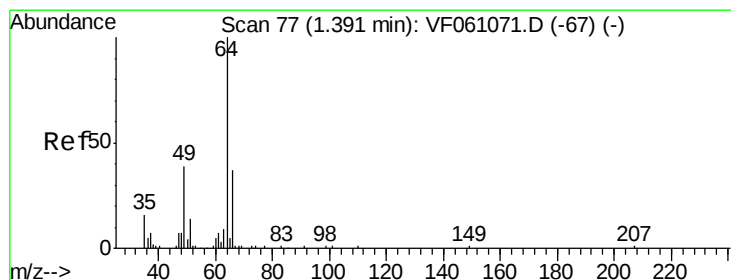
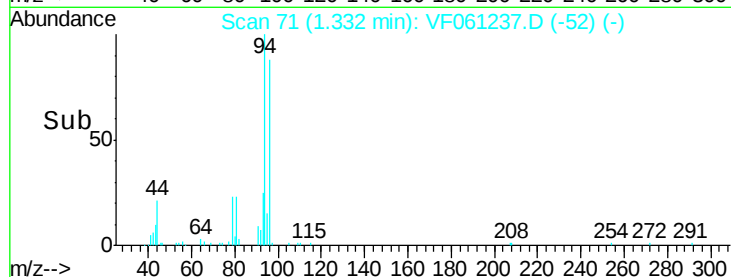
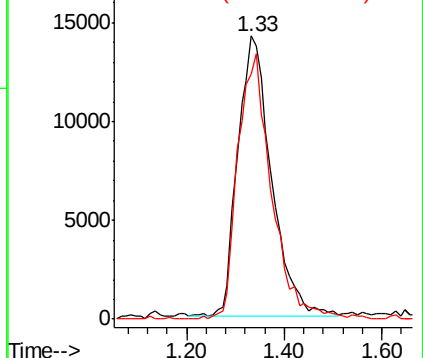
94 100

96 86.6 74.4 111.6



Abundance Ion 94.00 (93.70 to 94.70): VF0

Ion 96.00 (95.70 to 96.70): VF0



#6

Chloroethane

Concen: 57.360 ug/l

RT: 1.39 min Scan# 77

Delta R.T. 0.00 min

Lab File: VF061237.D

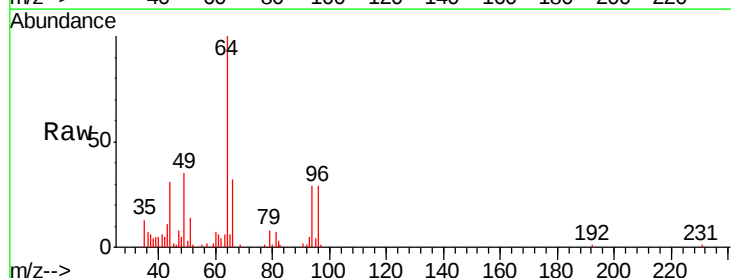
Acq: 28 Dec 2018 15:49

Tgt Ion: 64 Resp: 43163

Ion Ratio Lower Upper

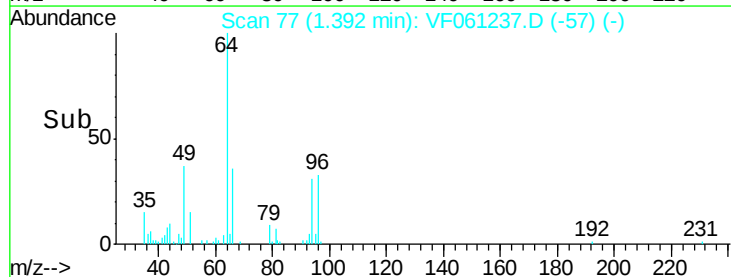
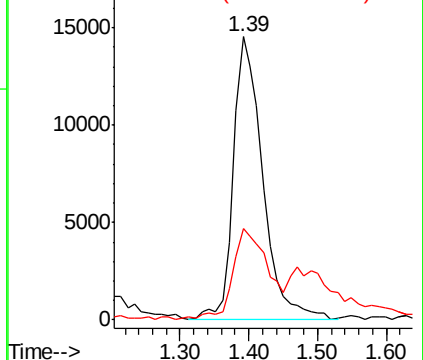
64 100

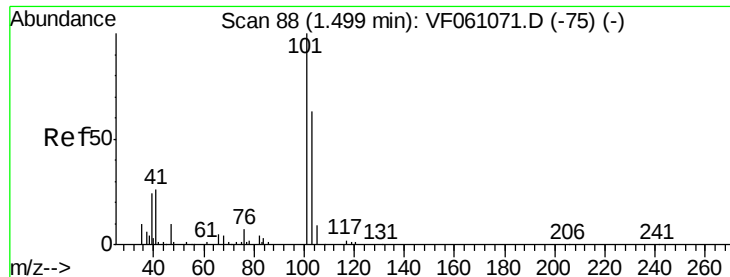
66 32.4 30.9 46.3



Abundance Ion 64.00 (63.70 to 64.70): VF0

Ion 66.00 (65.70 to 66.70): VF0





#7

Trichlorofluoromethane

Concen: 24.712 ug/l

RT: 1.49 min Scan# 87

Delta R.T. -0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Instrument :

MSVOA\_F

ClientSampleId :

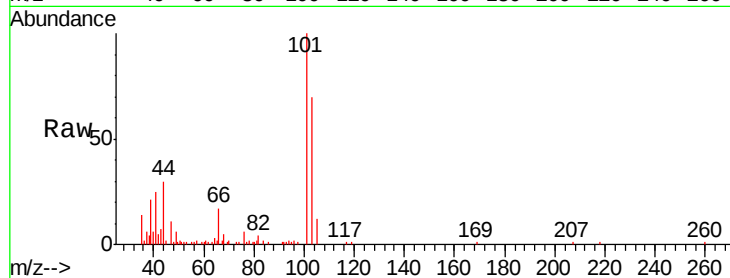
S72-0050MS

Tgt Ion:101 Resp: 77057

Ion Ratio Lower Upper

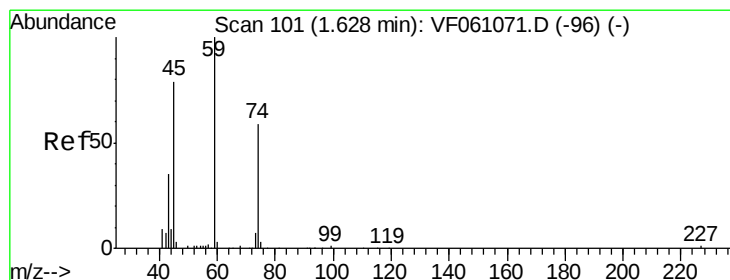
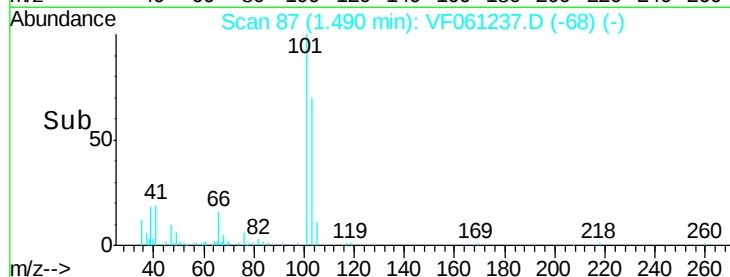
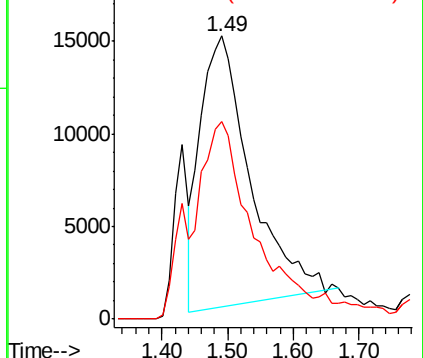
101 100

103 69.7 50.7 76.1



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#8

Diethyl Ether

Concen: 65.716 ug/l

RT: 1.64 min Scan# 102

Delta R.T. 0.01 min

Lab File: VF061237.D

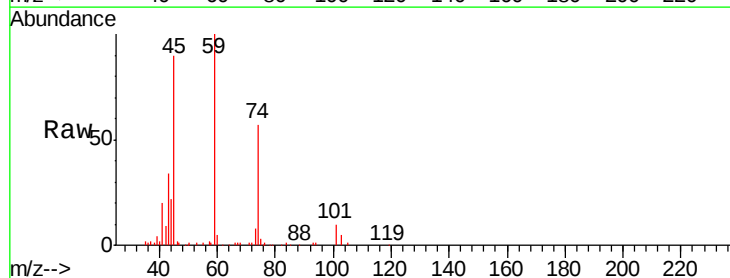
Acq: 28 Dec 2018 15:49

Tgt Ion: 74 Resp: 28061

Ion Ratio Lower Upper

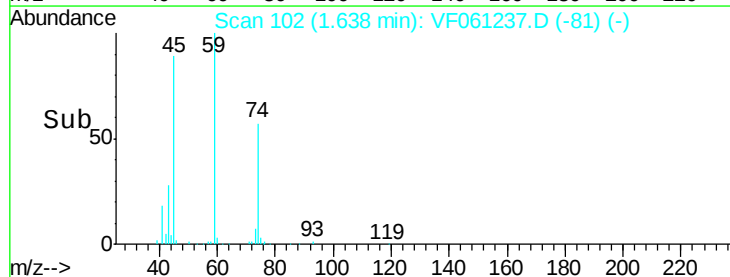
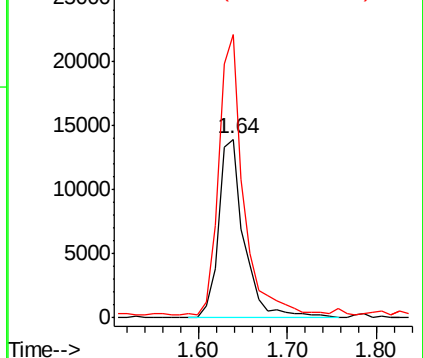
74 100

45 158.4 67.8 203.4



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: 33.149 ug/l

RT: 1.85 min Scan# 123

Delta R.T. 0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Instrument :

MSVOA\_F

ClientSampleId :

S72-0050MS

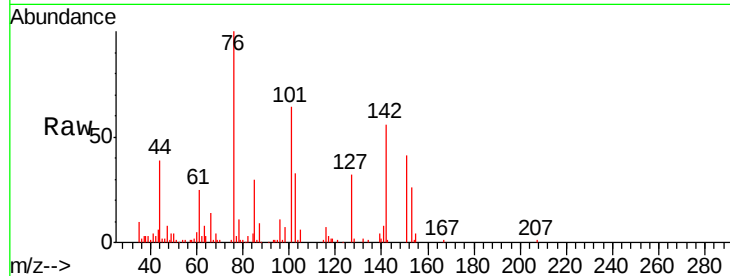
Tgt Ion:101 Resp: 53594

Ion Ratio Lower Upper

101 100

85 46.9 44.5 66.7

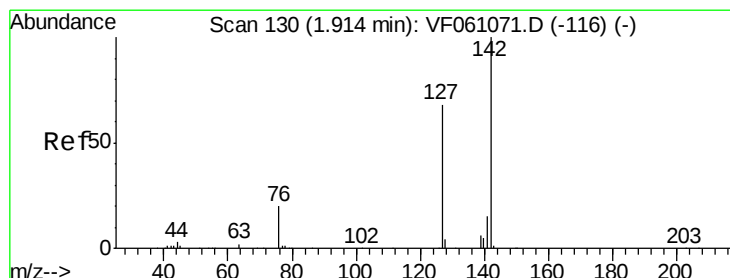
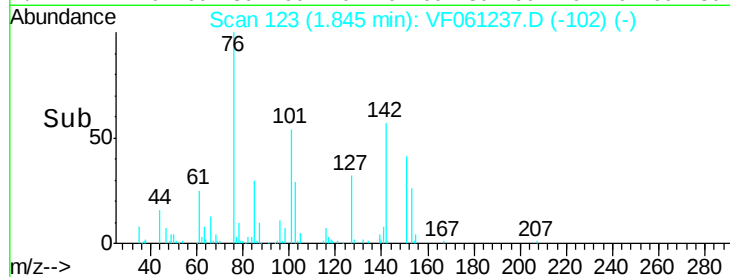
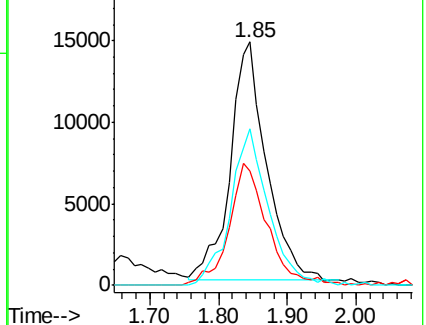
151 64.1 49.9 74.9



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: 48.995 ug/l

RT: 1.91 min Scan# 130

Delta R.T. 0.00 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

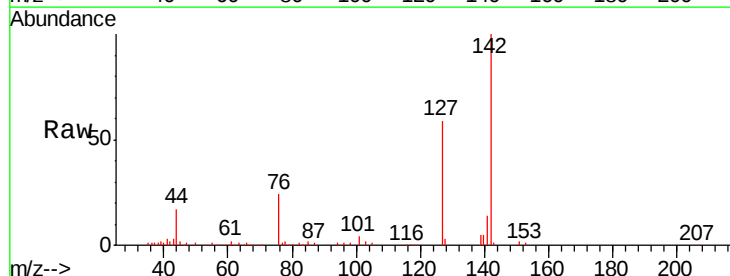
Tgt Ion:142 Resp: 124864

Ion Ratio Lower Upper

142 100

127 58.7 54.7 82.1

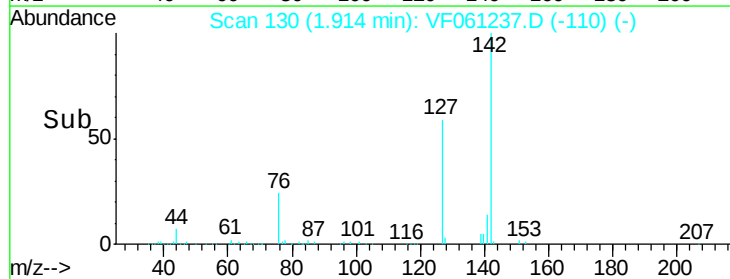
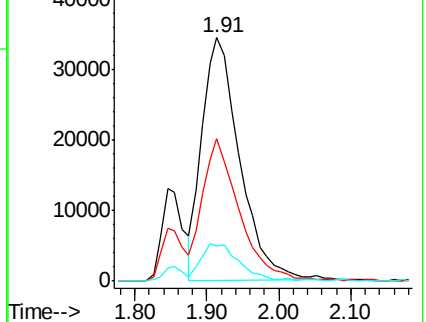
141 14.4 12.2 18.2

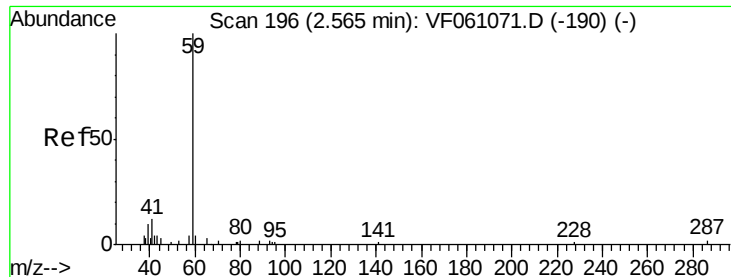


Abundance Ion 142.00 (141.70 to 142.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 141.00 (140.70 to 141.70): V

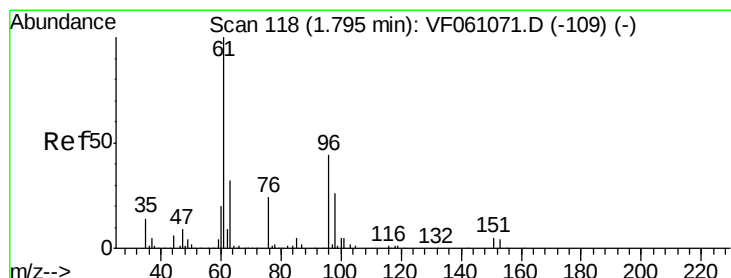
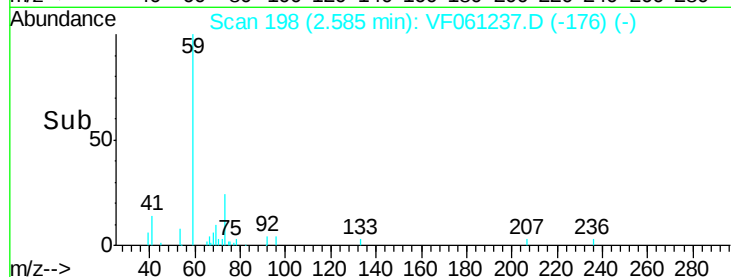
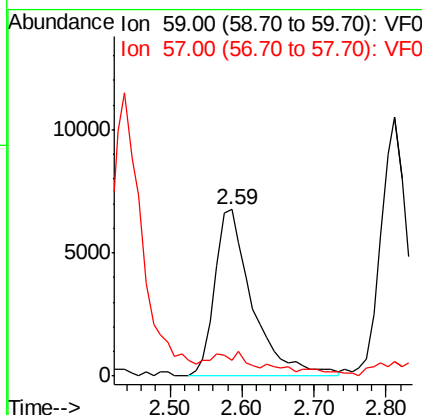
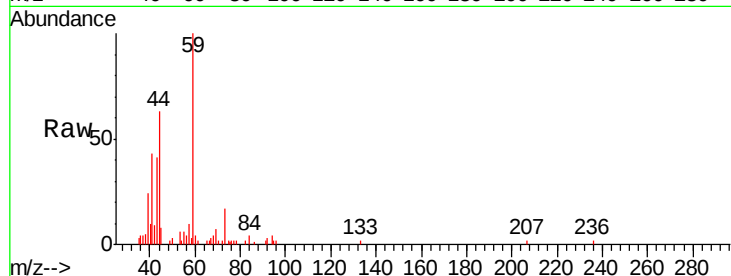




#11  
Tert butyl alcohol  
Concen: 341.718 ug/l  
RT: 2.59 min Scan# 198  
Delta R.T. 0.02 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

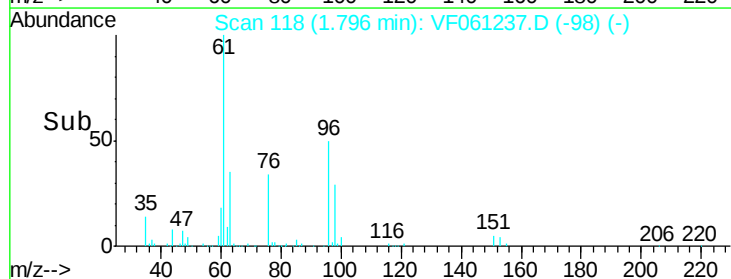
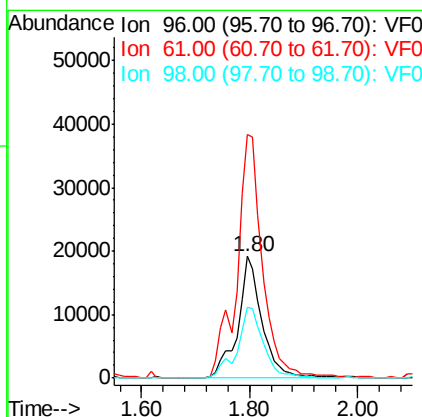
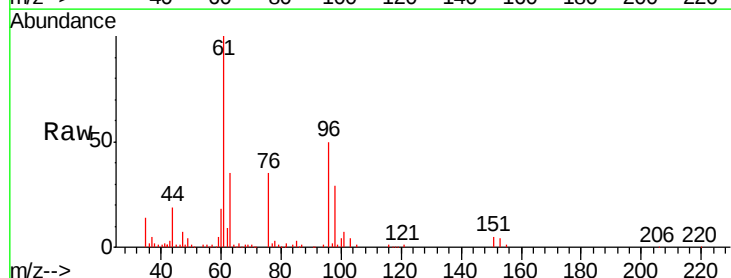
Instrument :  
MSVOA\_F  
ClientSampleId :  
S72-0050MS

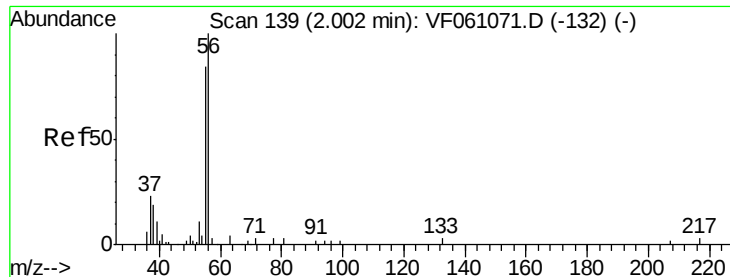
Tgt Ion: 59 Resp: 24521  
Ion Ratio Lower Upper  
59 100  
57 9.8 11.5 17.3#



#12  
1,1-Dichloroethene  
Concen: 49.325 ug/l  
RT: 1.80 min Scan# 118  
Delta R.T. 0.00 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

Tgt Ion: 96 Resp: 60114  
Ion Ratio Lower Upper  
96 100  
61 200.5 182.0 273.0  
98 57.8 46.5 69.7

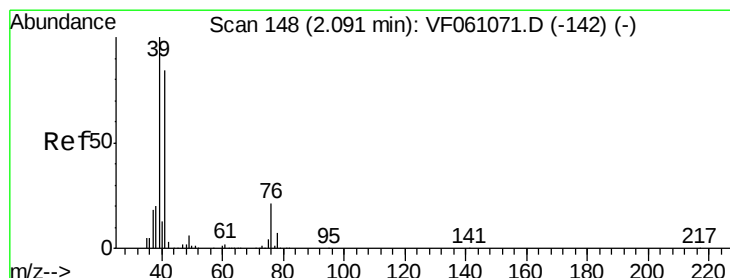
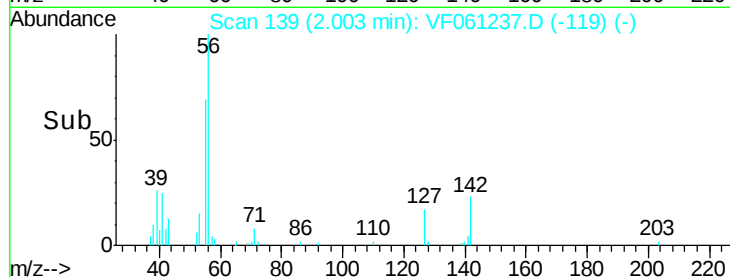
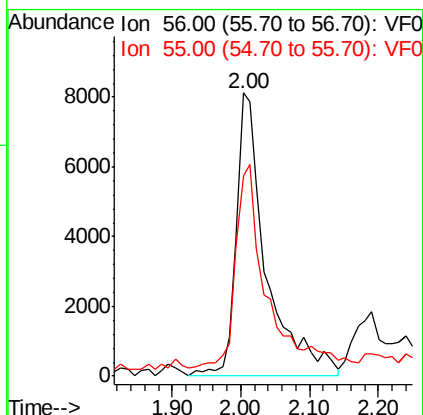
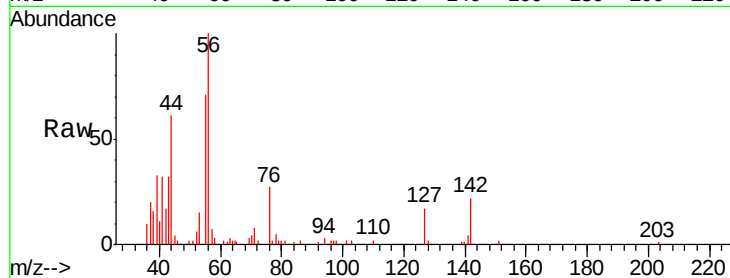




#13  
Acrolein  
Concen: 476.800 ug/l  
RT: 2.00 min Scan# 139  
Delta R.T. 0.00 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

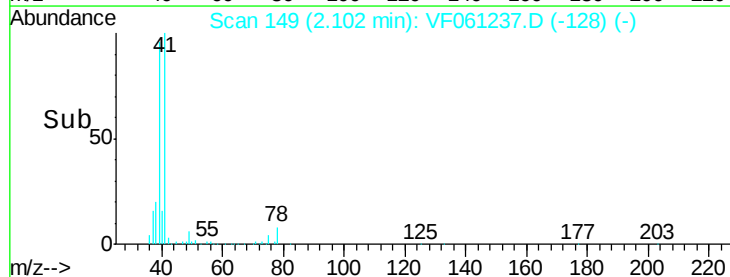
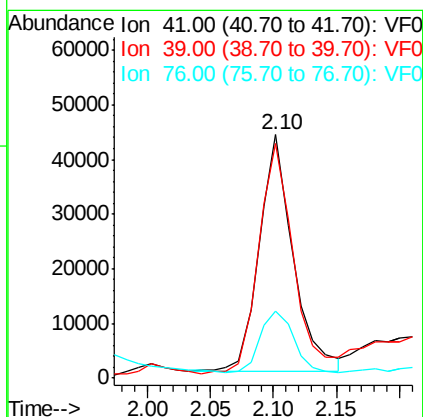
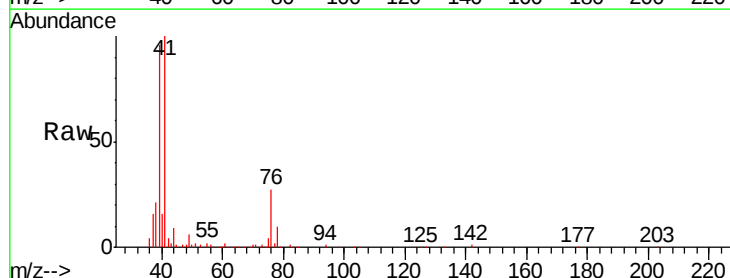
Instrument :  
MSVOA\_F  
ClientSampleId :  
S72-0050MS

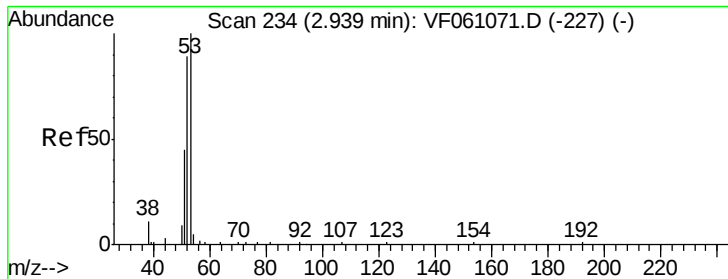
Tgt Ion: 56 Resp: 24723  
Ion Ratio Lower Upper  
56 100  
55 70.9 70.2 105.2



#14  
Allyl chloride  
Concen: 63.658 ug/l  
RT: 2.10 min Scan# 149  
Delta R.T. 0.01 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

Tgt Ion: 41 Resp: 80736  
Ion Ratio Lower Upper  
41 100  
39 96.2 96.4 144.6#  
76 27.4 25.4 38.0





#15

Acrylonitrile

Concen: 391.918 ug/l

RT: 2.95 min Scan# 235

Delta R.T. 0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Instrument :

MSVOA\_F

ClientSampleId :

S72-0050MS

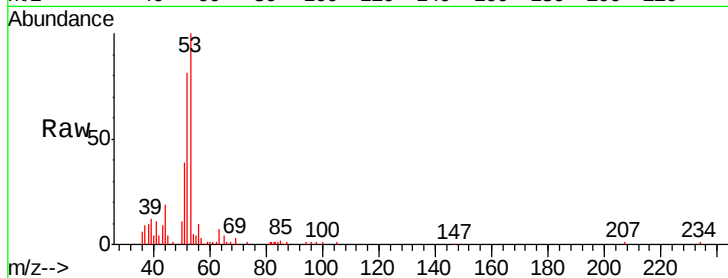
Tgt Ion: 53 Resp: 65032

Ion Ratio Lower Upper

53 100

52 80.6 71.3 106.9

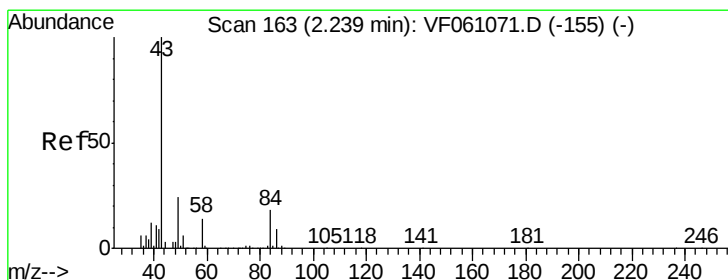
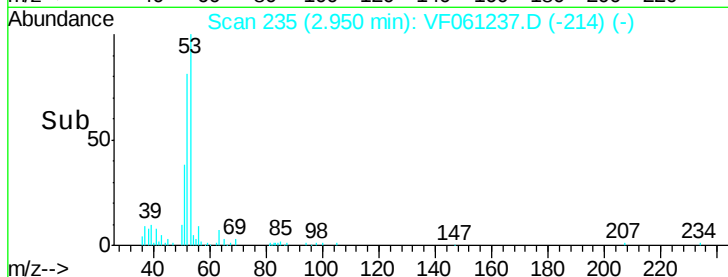
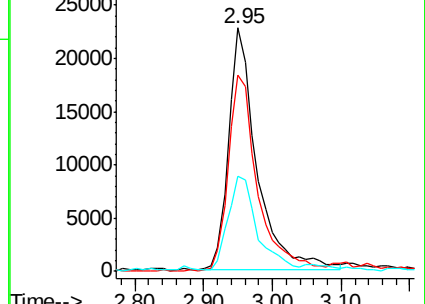
51 38.8 36.8 55.2



Abundance Ion 53.00 (52.70 to 53.70): VF0

Ion 52.00 (51.70 to 52.70): VF0

Ion 51.00 (50.70 to 51.70): VF0



#16

Acetone

Concen: 359.367 ug/l

RT: 2.25 min Scan# 164

Delta R.T. 0.01 min

Lab File: VF061237.D

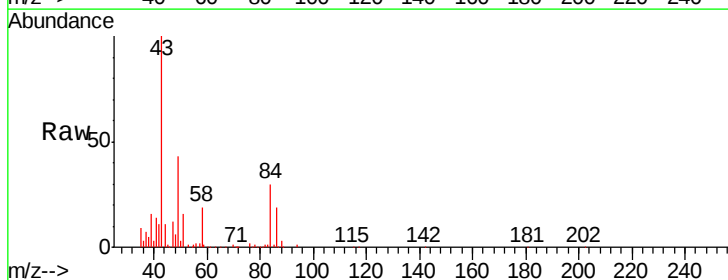
Acq: 28 Dec 2018 15:49

Tgt Ion: 43 Resp: 127749

Ion Ratio Lower Upper

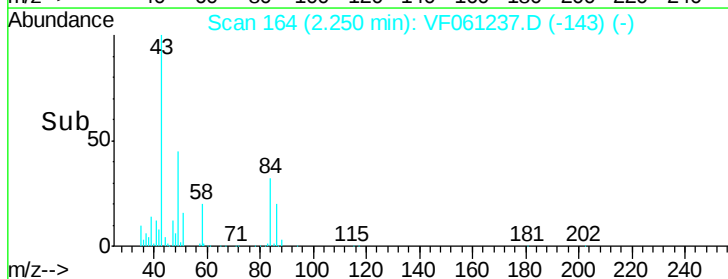
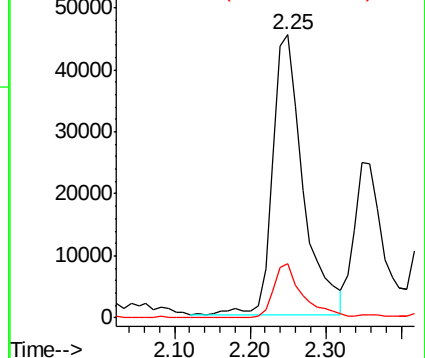
43 100

58 19.0 11.1 16.7#



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

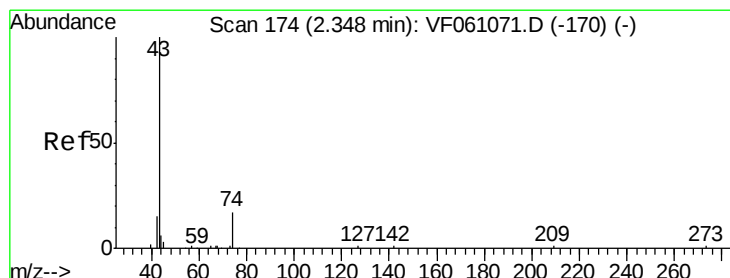
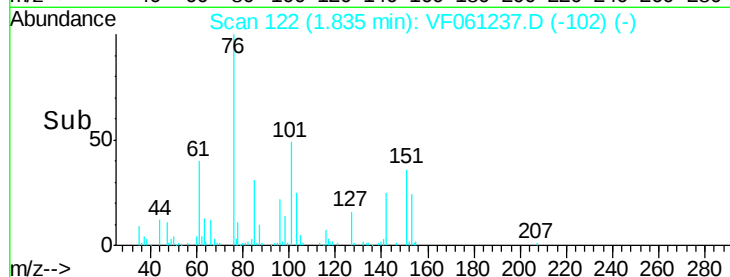
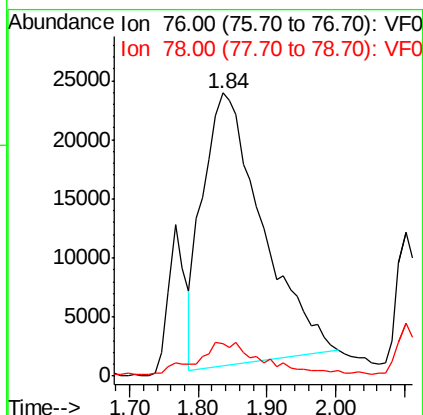
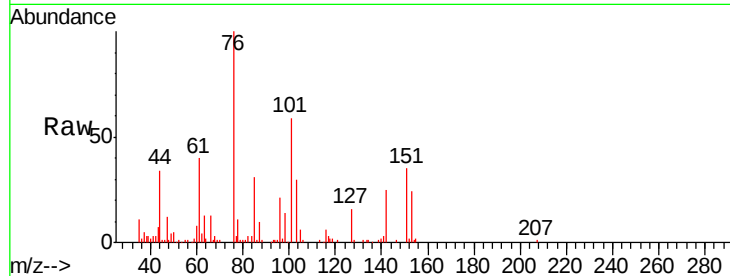




#17  
Carbon Disulfide  
Concen: 37.547 ug/l  
RT: 1.84 min Scan# 122  
Delta R.T. 0.00 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

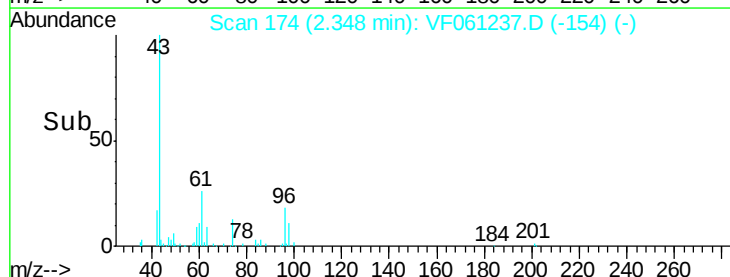
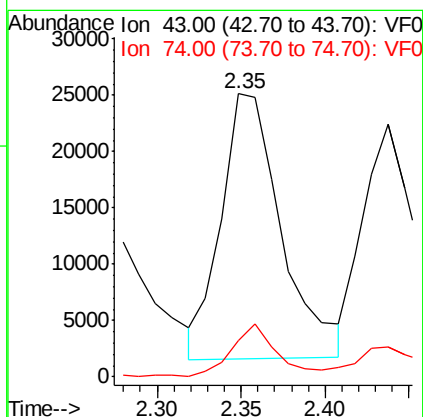
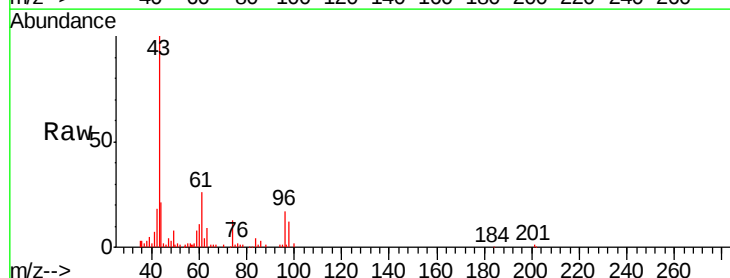
Instrument :  
MSVOA\_F  
ClientSampleId :  
S72-0050MS

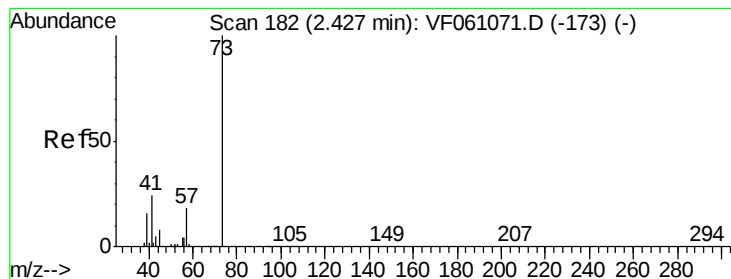
Tgt Ion: 76 Resp: 138288  
Ion Ratio Lower Upper  
76 100  
78 11.3 10.2 15.4



#18  
Methyl Acetate  
Concen: 79.793 ug/l  
RT: 2.35 min Scan# 174  
Delta R.T. 0.00 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

Tgt Ion: 43 Resp: 58685  
Ion Ratio Lower Upper  
43 100  
74 13.0 11.0 16.6



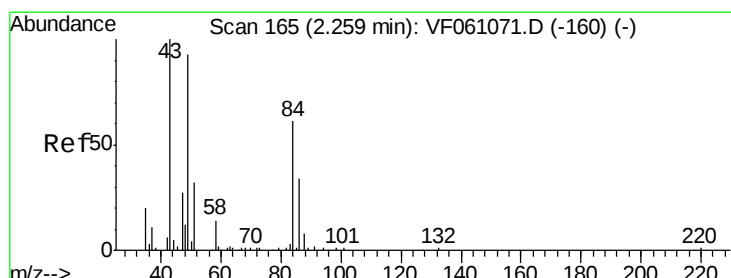
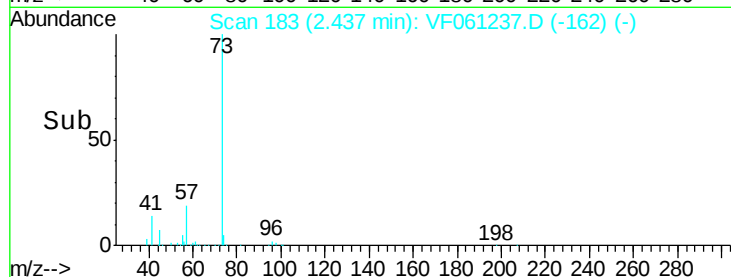
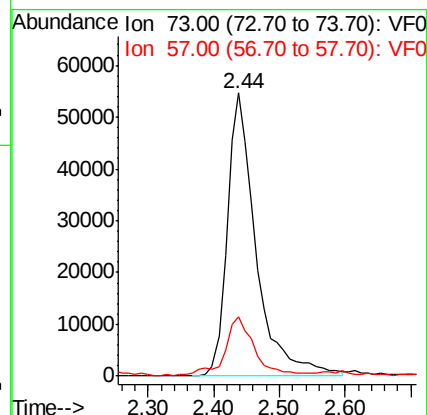
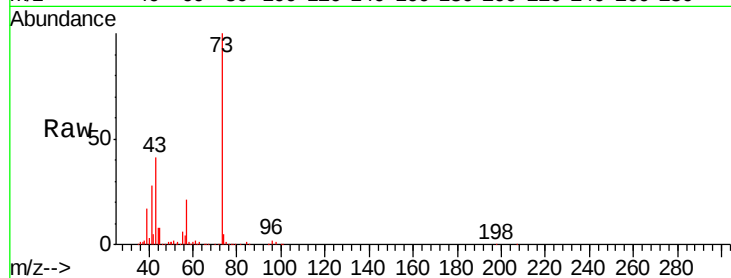


#19

Methyl tert-butyl Ether  
 Concen: 61.751 ug/l  
 RT: 2.44 min Scan# 183  
 Delta R.T. 0.01 min  
 Lab File: VF061237.D  
 Acq: 28 Dec 2018 15:49

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 S72-0050MS

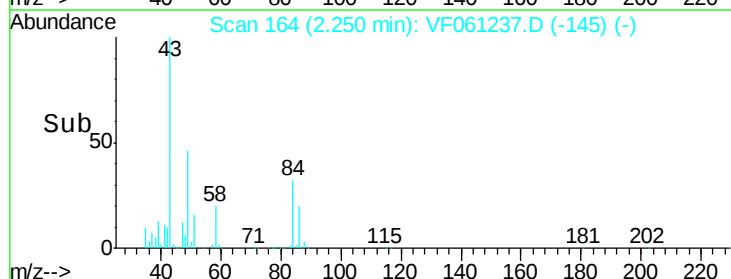
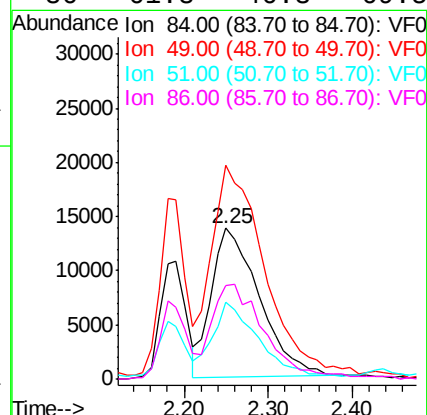
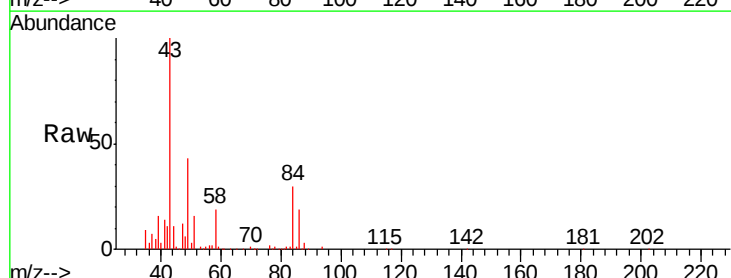
Tgt Ion: 73 Resp: 167046  
 Ion Ratio Lower Upper  
 73 100  
 57 21.0 14.5 21.7

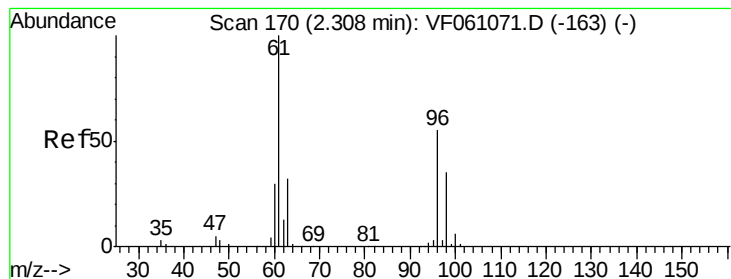


#20

Methylene Chloride  
 Concen: 48.109 ug/l  
 RT: 2.25 min Scan# 164  
 Delta R.T. -0.01 min  
 Lab File: VF061237.D  
 Acq: 28 Dec 2018 15:49

Tgt Ion: 84 Resp: 54843  
 Ion Ratio Lower Upper  
 84 100  
 49 141.8 129.4 194.2  
 51 51.3 44.0 66.0  
 86 61.8 46.3 69.5





#21

trans-1,2-Dichloroethene

Concen: 43.454 ug/l

RT: 2.32 min Scan# 171

Delta R.T. 0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Instrument :

MSVOA\_F

ClientSampleId :

S72-0050MS

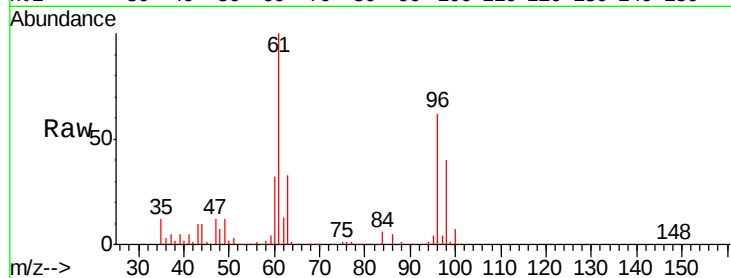
Tgt Ion: 96 Resp: 56642

Ion Ratio Lower Upper

96 100

61 160.8 146.0 219.0

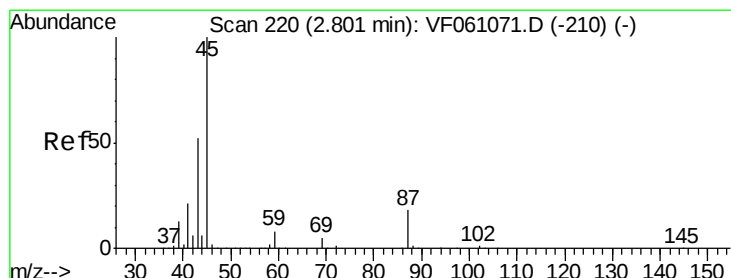
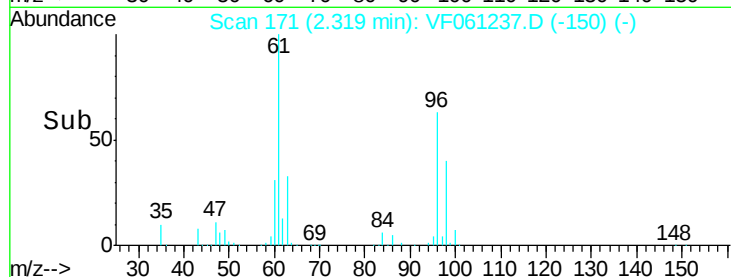
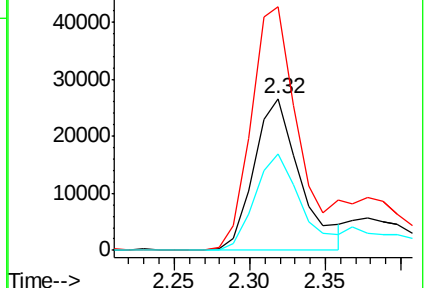
98 63.7 51.6 77.4



Abundance Ion 96.00 (95.70 to 96.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 98.00 (97.70 to 98.70): VF0



#22

Diisopropyl ether

Concen: 74.254 ug/l

RT: 2.81 min Scan# 221

Delta R.T. 0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Tgt Ion: 45 Resp: 313697

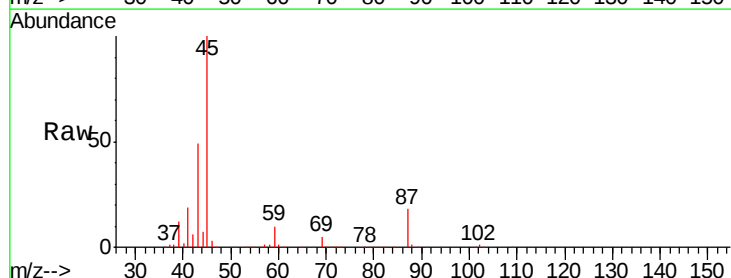
Ion Ratio Lower Upper

45 100

43 49.5 42.2 63.2

87 18.5 14.6 22.0

59 10.1 7.0 10.4

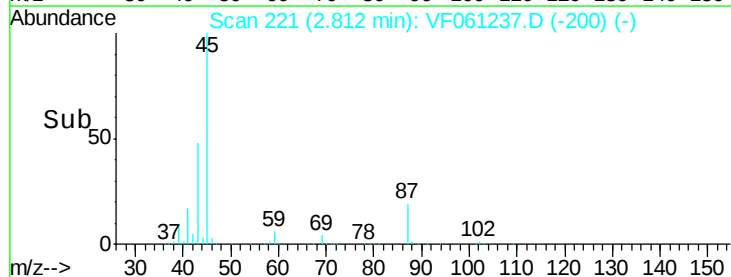
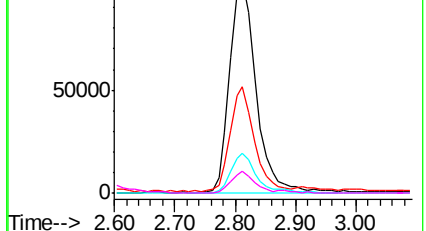


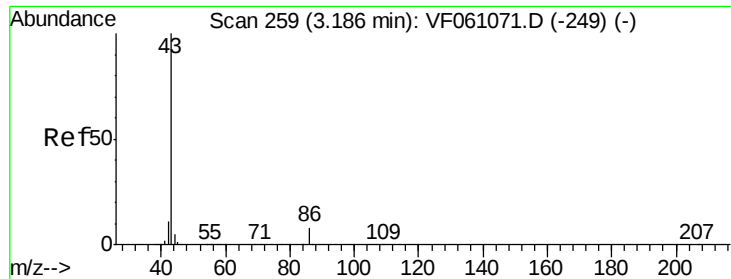
Abundance Ion 45.00 (44.70 to 45.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 87.00 (86.70 to 87.70): VF0

Ion 59.00 (58.70 to 59.70): VF0





#23

Vinyl Acetate

Concen: 342.785 ug/l

RT: 3.20 min Scan# 260

Delta R.T. 0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Instrument :

MSVOA\_F

ClientSampleId :

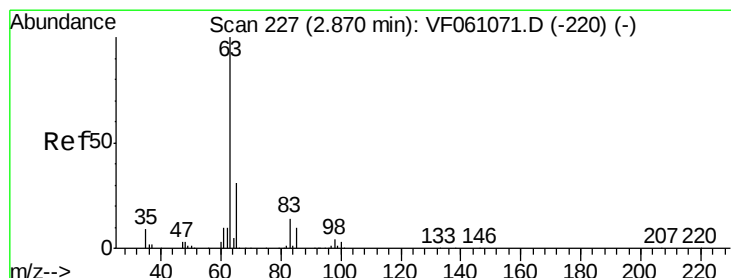
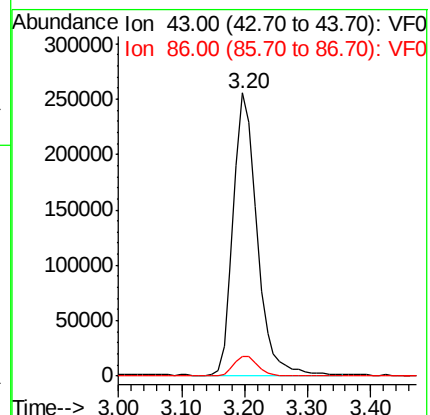
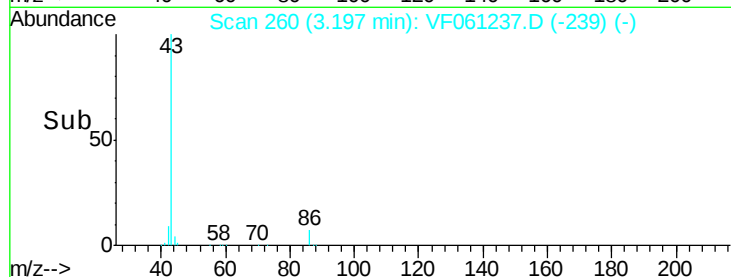
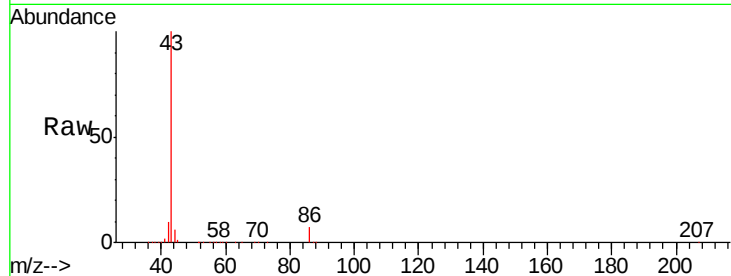
S72-0050MS

Tgt Ion: 43 Resp: 668066

Ion Ratio Lower Upper

43 100

86 7.1 6.3 9.5



#24

1,1-Dichloroethane

Concen: 62.118 ug/l

RT: 2.88 min Scan# 228

Delta R.T. 0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

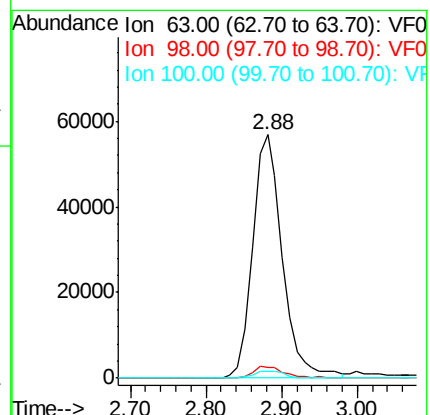
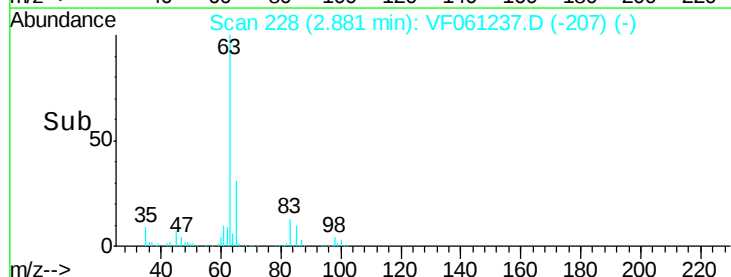
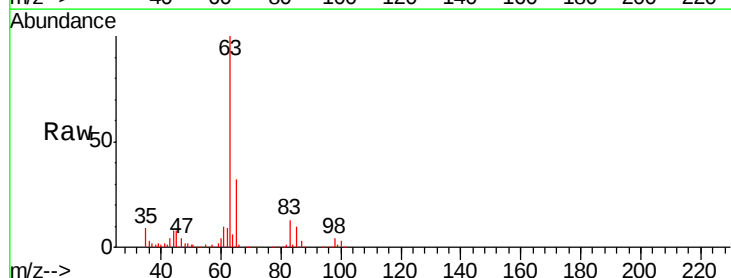
Tgt Ion: 63 Resp: 155487

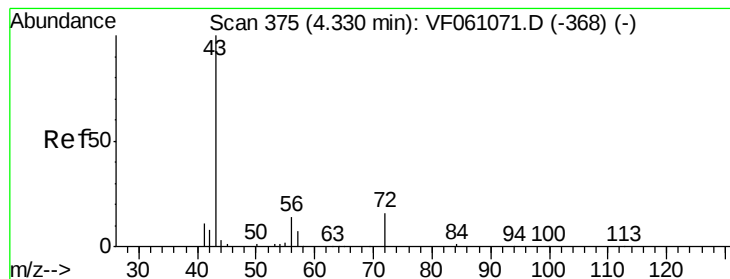
Ion Ratio Lower Upper

63 100

98 4.3 2.1 6.5

100 3.1 1.7 5.1





#25

2-Butanone

Concen: 350.123 ug/l

RT: 4.35 min Scan# 377

Delta R.T. 0.02 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Instrument :

MSVOA\_F

ClientSampleId :

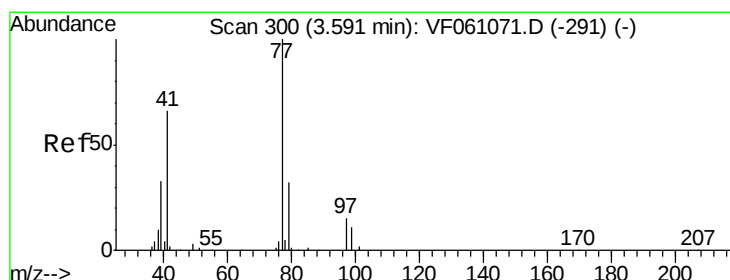
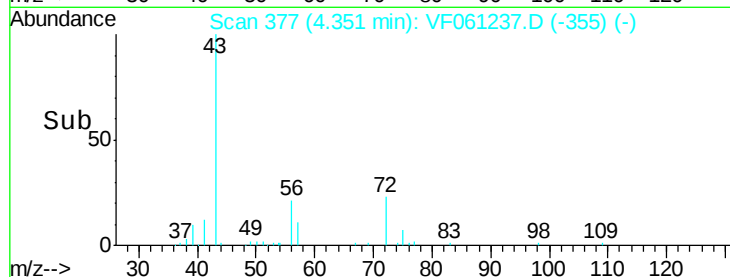
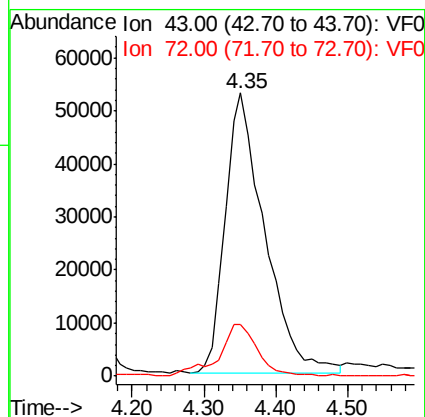
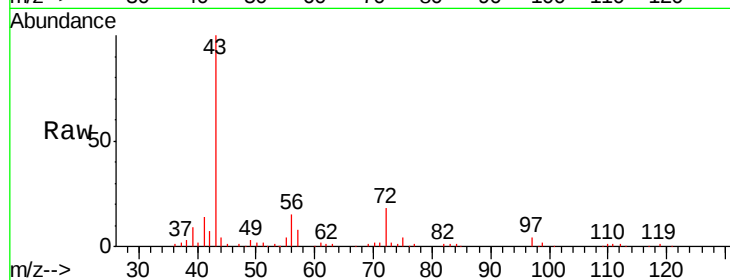
S72-0050MS

Tgt Ion: 43 Resp: 201855

Ion Ratio Lower Upper

43 100

72 18.4 15.6 23.4



#26

2,2-Dichloropropane

Concen: 54.699 ug/l

RT: 3.61 min Scan# 302

Delta R.T. 0.02 min

Lab File: VF061237.D

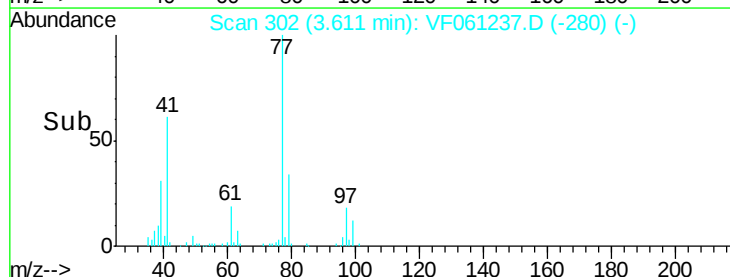
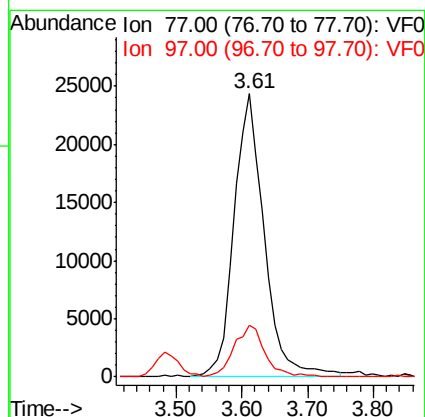
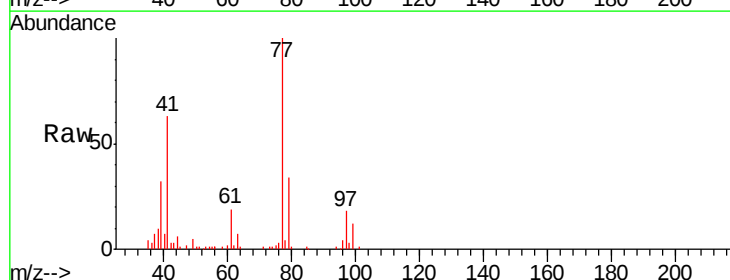
Acq: 28 Dec 2018 15:49

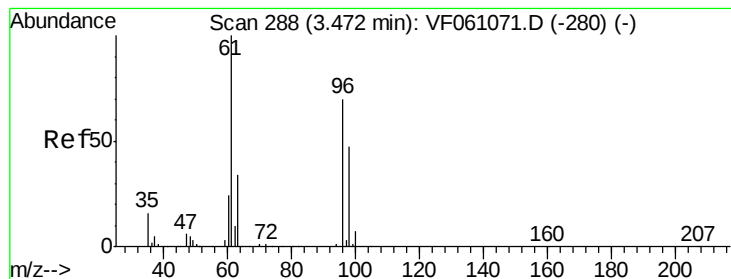
Tgt Ion: 77 Resp: 78573

Ion Ratio Lower Upper

77 100

97 18.2 8.2 24.4



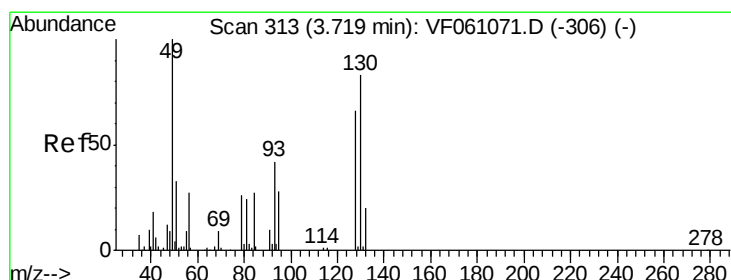
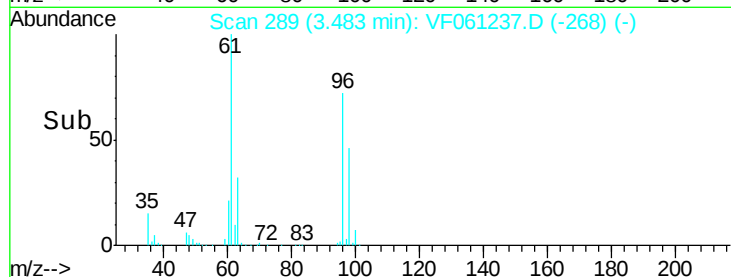
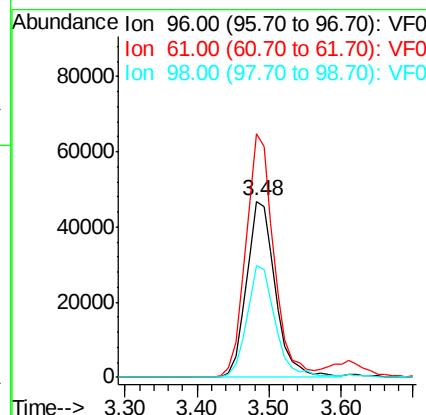
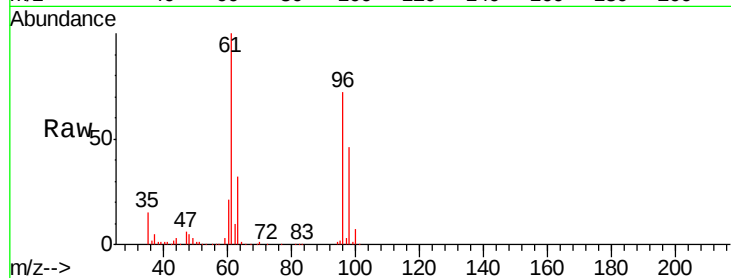


#27

cis-1,2-Dichloroethene  
 Concen: 65.756 ug/l  
 RT: 3.48 min Scan# 289  
 Delta R.T. 0.01 min  
 Lab File: VF061237.D  
 Acq: 28 Dec 2018 15:49

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 S72-0050MS

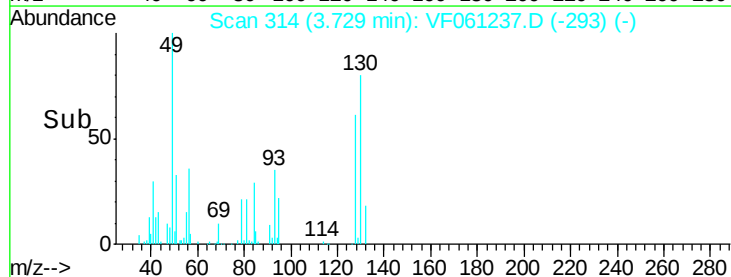
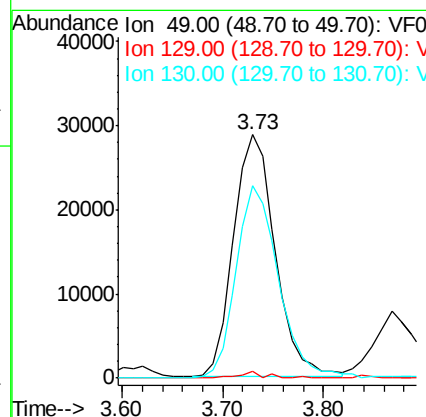
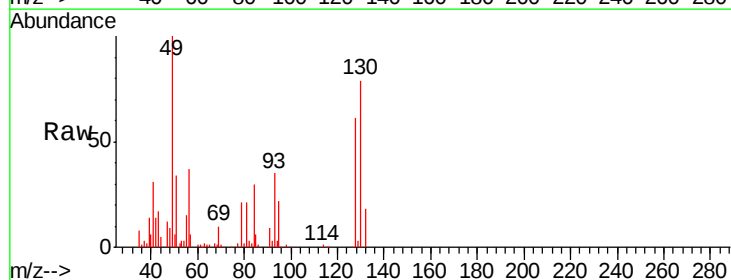
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 138.4 | 0.0   | 287.8 |
| 98      | 63.5  | 0.0   | 134.2 |

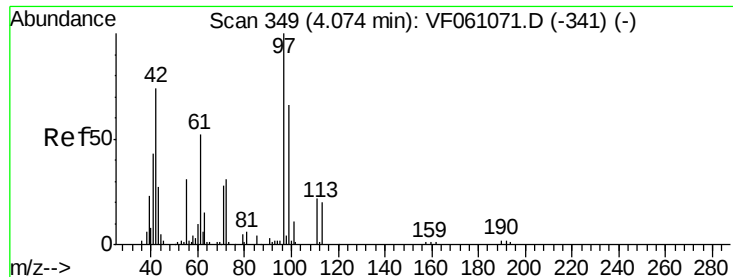


#28

Bromochloromethane  
 Concen: 65.466 ug/l  
 RT: 3.73 min Scan# 314  
 Delta R.T. 0.01 min  
 Lab File: VF061237.D  
 Acq: 28 Dec 2018 15:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.7   | 0.0   | 3.6   |
| 130     | 79.2  | 65.8  | 98.6  |





#29

Tetrahydrofuran

Concen: 430.296 ug/l

RT: 4.07 min Scan# 349

Delta R.T. 0.00 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Instrument :

MSVOA\_F

ClientSampleId :

S72-0050MS

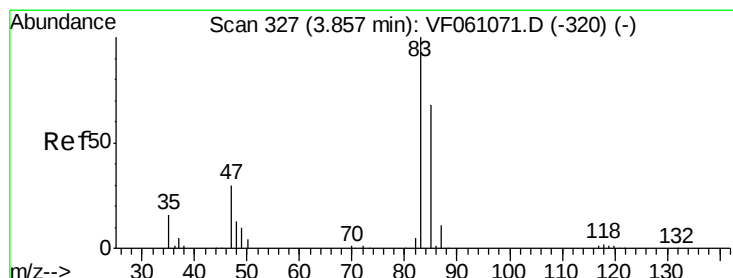
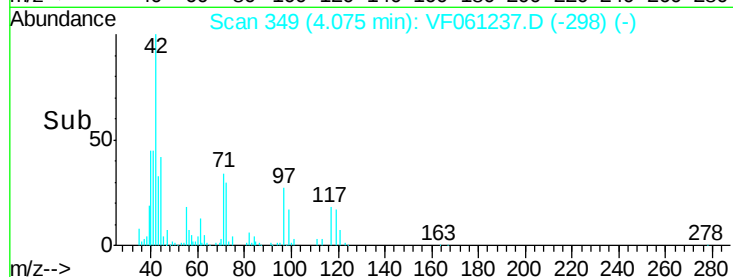
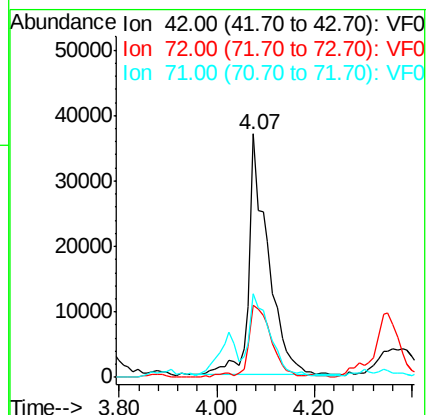
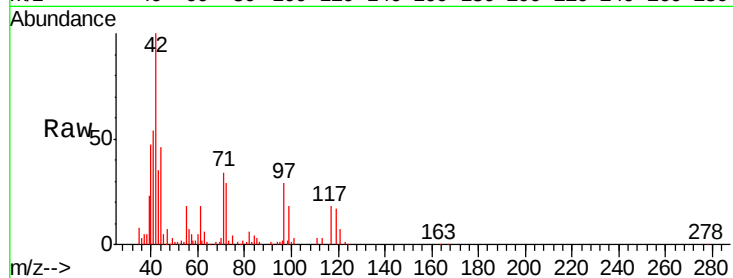
Tgt Ion: 42 Resp: 100970

Ion Ratio Lower Upper

42 100

72 32.7 31.8 47.8

71 37.8 29.7 44.5



#30

Chloroform

Concen: 65.994 ug/l

RT: 3.87 min Scan# 328

Delta R.T. 0.01 min

Lab File: VF061237.D

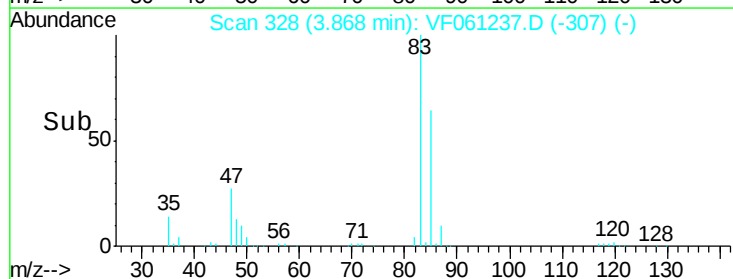
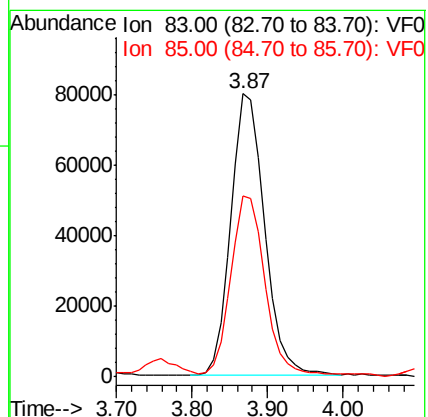
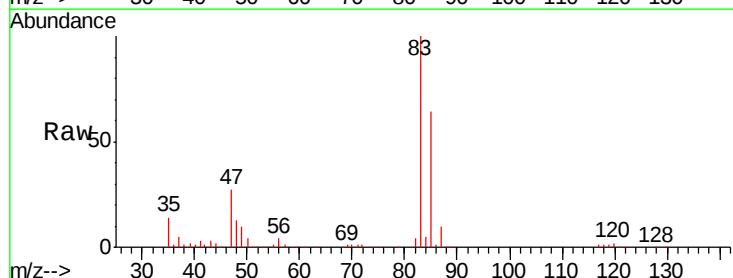
Acq: 28 Dec 2018 15:49

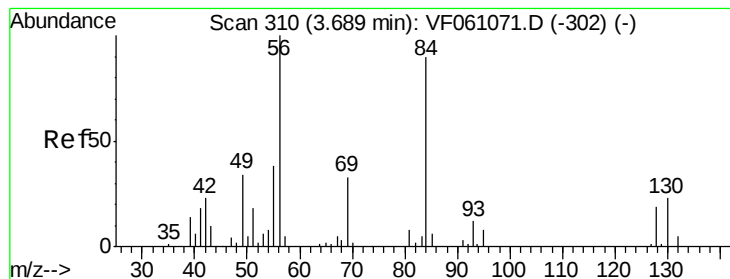
Tgt Ion: 83 Resp: 247691

Ion Ratio Lower Upper

83 100

85 64.0 54.5 81.7





#31

Cyclohexane

Concen: 22.480 ug/l

RT: 3.70 min Scan# 311

Delta R.T. 0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Instrument :

MSVOA\_F

ClientSampleId :

S72-0050MS

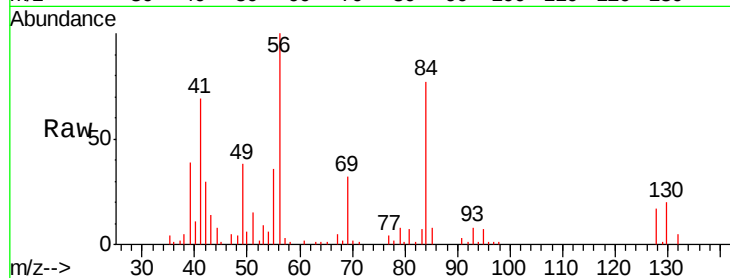
Tgt Ion: 56 Resp: 58390

Ion Ratio Lower Upper

56 100

69 31.7 26.0 39.0

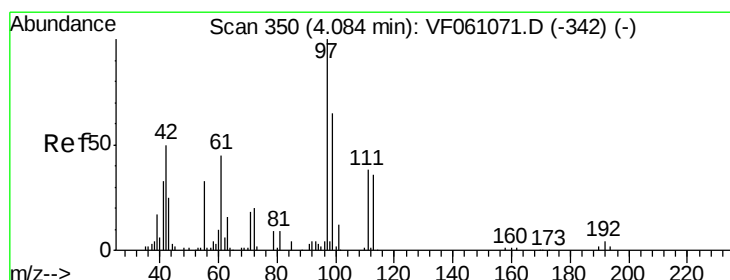
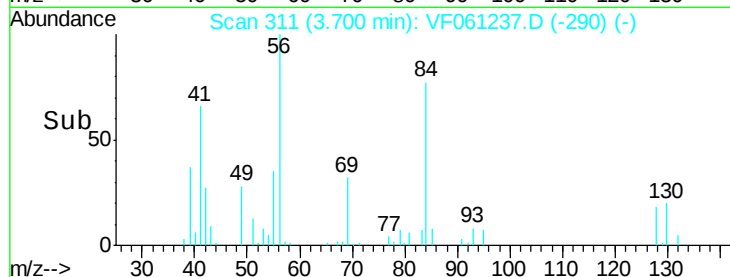
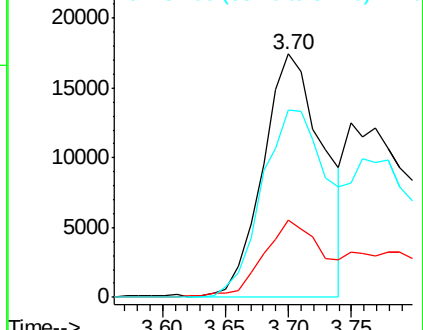
84 76.9 71.4 107.2



Abundance Ion 56.00 (55.70 to 56.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 84.00 (83.70 to 84.70): VF0



#32

1,1,1-Trichloroethane

Concen: 50.614 ug/l

RT: 4.10 min Scan# 352

Delta R.T. 0.02 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

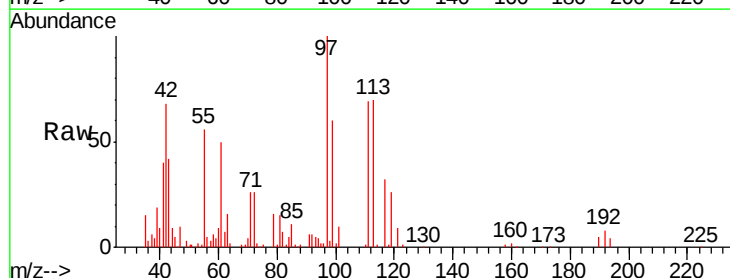
Tgt Ion: 97 Resp: 113862

Ion Ratio Lower Upper

97 100

99 60.1 51.6 77.4

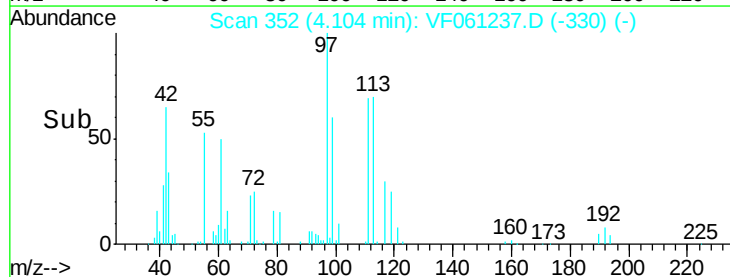
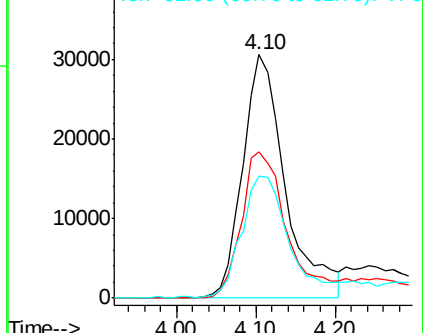
61 49.9 36.2 54.2

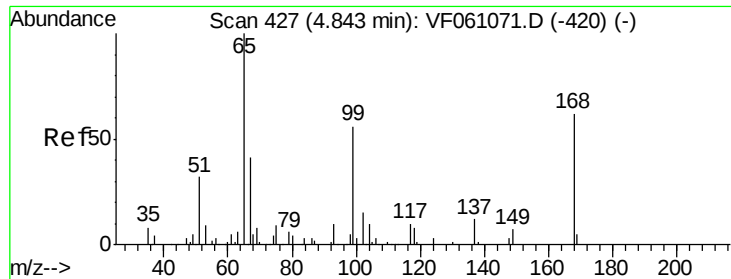


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

Ion 61.00 (60.70 to 61.70): VF0





#33

1,2-Dichloroethane-d4

Concen: 56.479 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.02 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Instrument :

MSVOA\_F

ClientSampled :

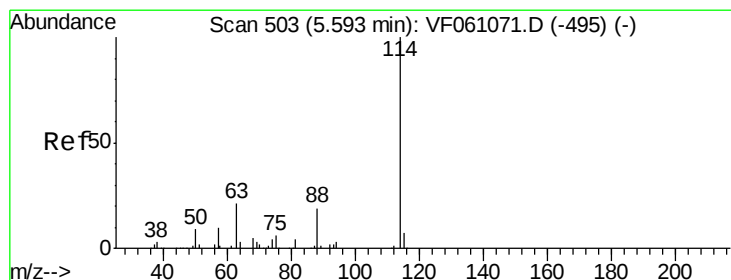
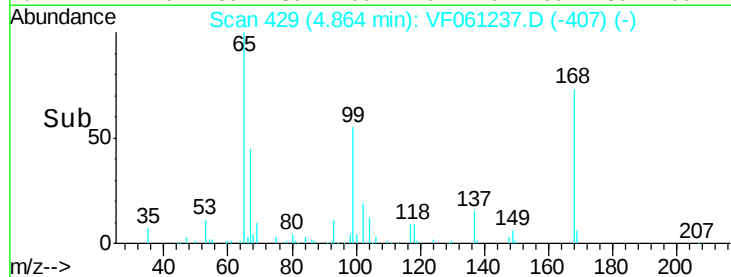
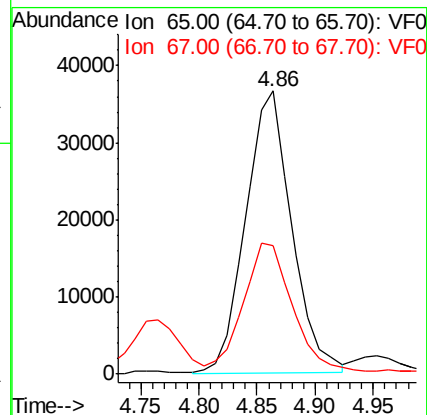
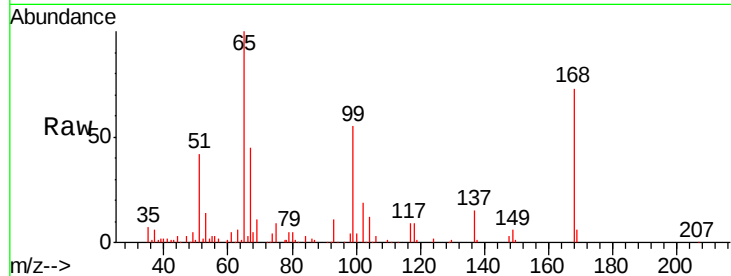
S72-0050MS

Tgt Ion: 65 Resp: 100432

Ion Ratio Lower Upper

65 100

67 45.4 0.0 94.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.61 min Scan# 505

Delta R.T. 0.02 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

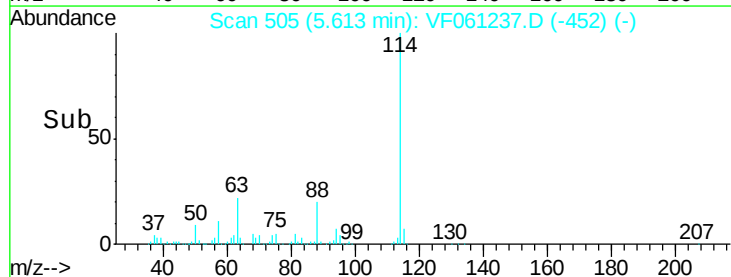
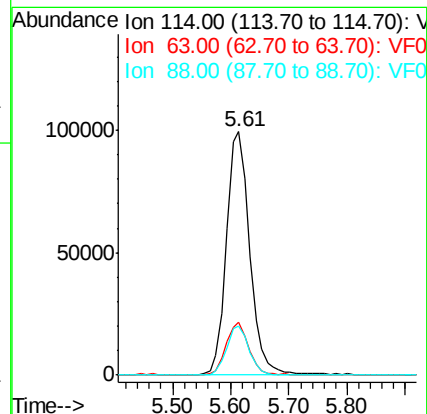
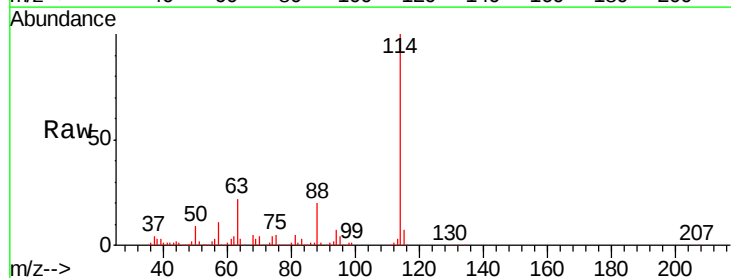
Tgt Ion: 114 Resp: 277704

Ion Ratio Lower Upper

114 100

63 21.8 0.0 41.6

88 20.0 0.0 38.0

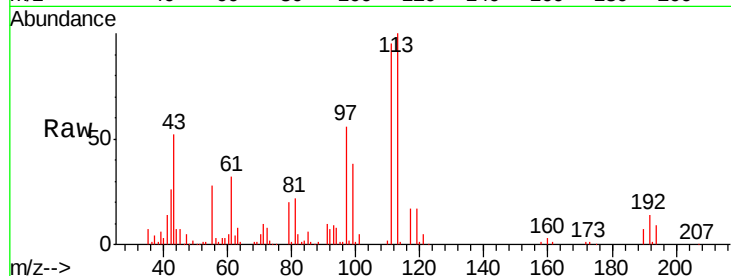




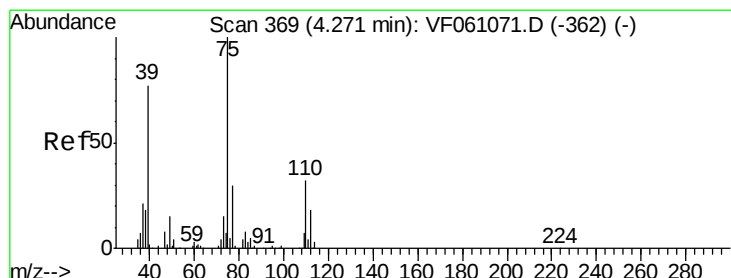
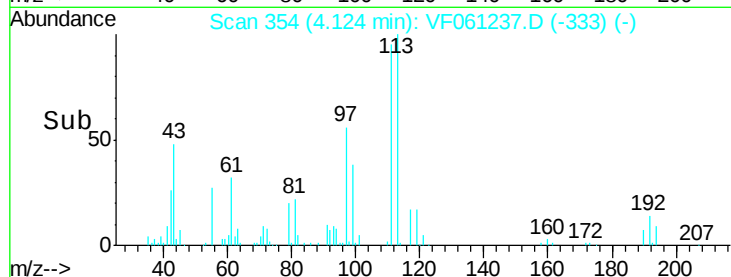
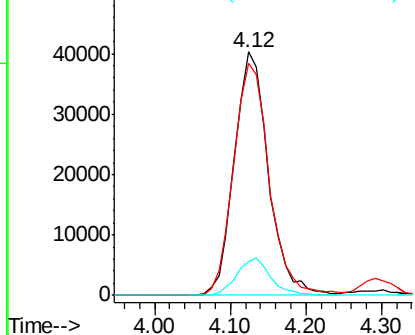
#35  
 Dibromofluoromethane  
 Concen: 56.735 ug/l  
 RT: 4.12 min Scan# 354  
 Delta R.T. 0.01 min  
 Lab File: VF061237.D  
 Acq: 28 Dec 2018 15:49

Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 S72-0050MS

Tgt Ion: 113 Resp: 126210  
 Ion Ratio Lower Upper  
 113 100  
 111 95.3 85.2 127.8  
 192 14.3 12.8 19.2

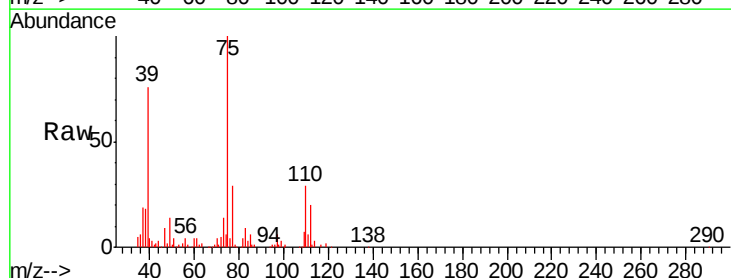


Abundance Ion 113.00 (112.70 to 113.70): V  
 Ion 111.00 (110.70 to 111.70): V  
 Ion 192.00 (191.70 to 192.70): V

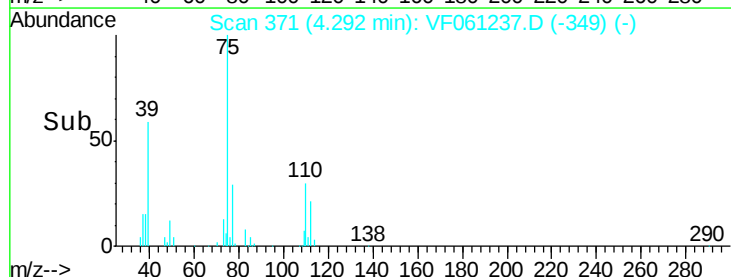
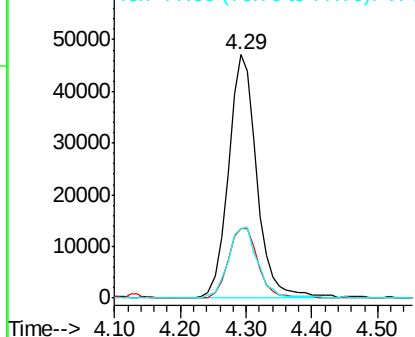


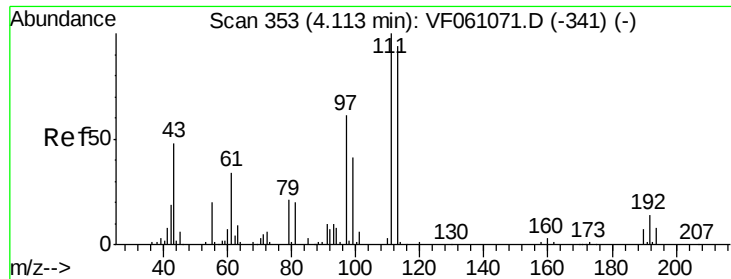
#36  
 1,1-Dichloropropene  
 Concen: 42.450 ug/l  
 RT: 4.29 min Scan# 371  
 Delta R.T. 0.02 min  
 Lab File: VF061237.D  
 Acq: 28 Dec 2018 15:49

Tgt Ion: 75 Resp: 142297  
 Ion Ratio Lower Upper  
 75 100  
 110 28.7 16.1 48.2  
 77 28.5 24.5 36.7



Abundance Ion 75.00 (74.70 to 75.70): VF0  
 Ion 110.00 (109.70 to 110.70): V  
 Ion 77.00 (76.70 to 77.70): VF0





#37

Ethyl Acetate

Concen: 69.013 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Instrument :

MSVOA\_F

ClientSampleId :

S72-0050MS

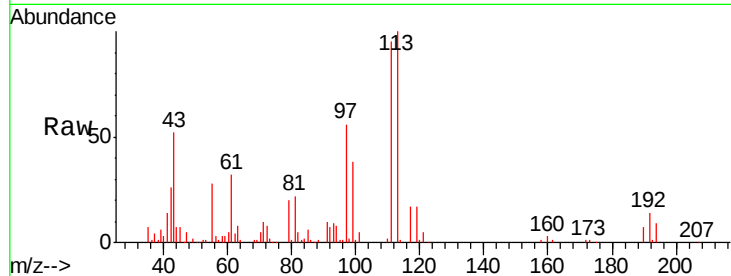
Tgt Ion: 43 Resp: 83978

Ion Ratio Lower Upper

43 100

61 62.6 56.6 84.8

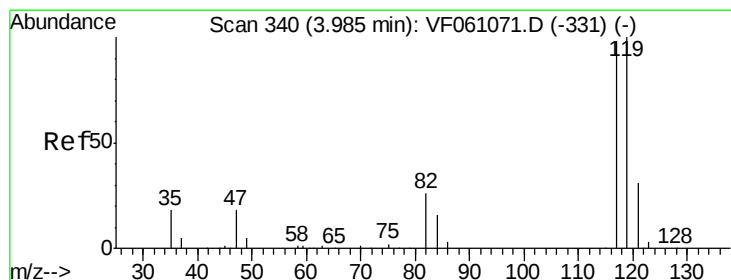
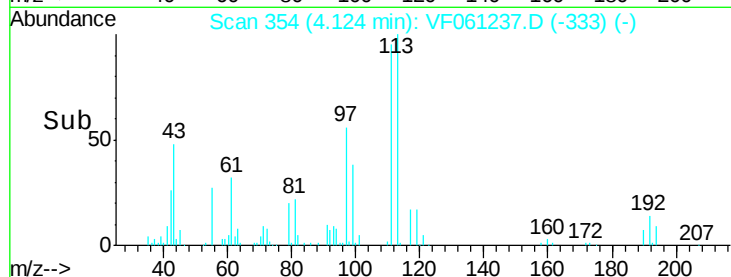
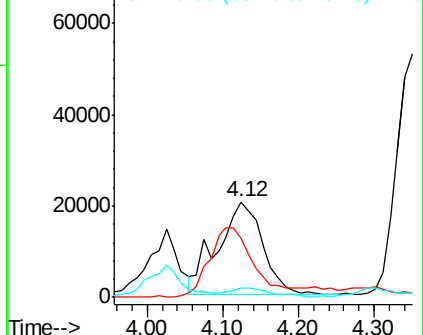
70 9.4 6.3 9.5



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 61.00 (60.70 to 61.70): VF0

Ion 70.00 (69.70 to 70.70): VF0



#38

Carbon Tetrachloride

Concen: 36.998 ug/l

RT: 4.00 min Scan# 341

Delta R.T. 0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

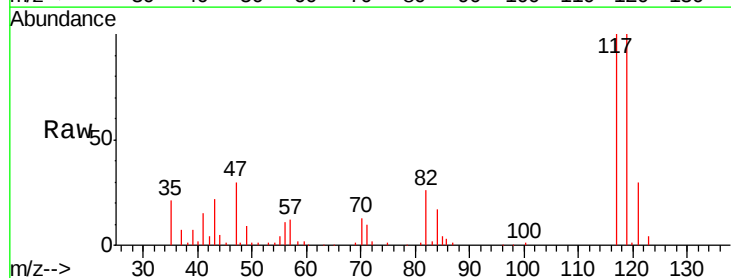
Tgt Ion: 117 Resp: 94447

Ion Ratio Lower Upper

117 100

119 99.9 82.1 123.1

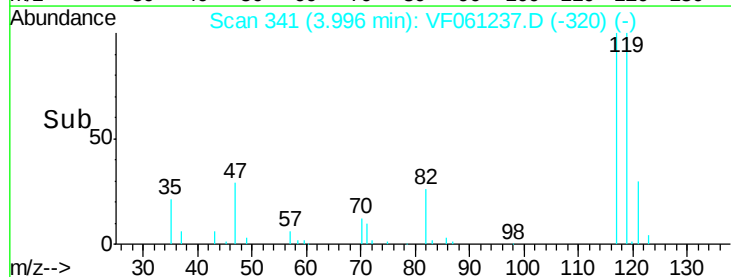
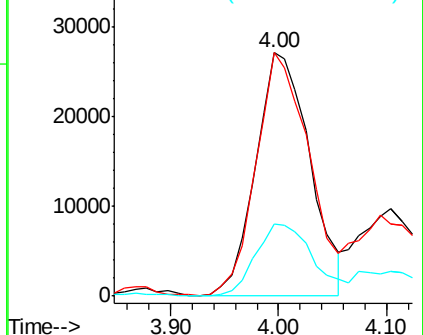
121 29.9 25.5 38.3

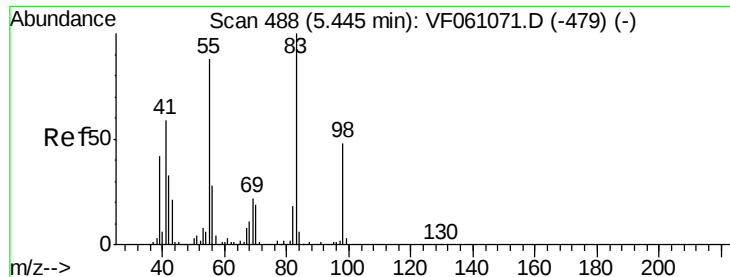


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V

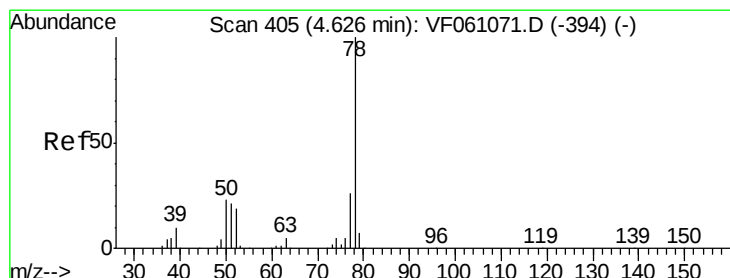
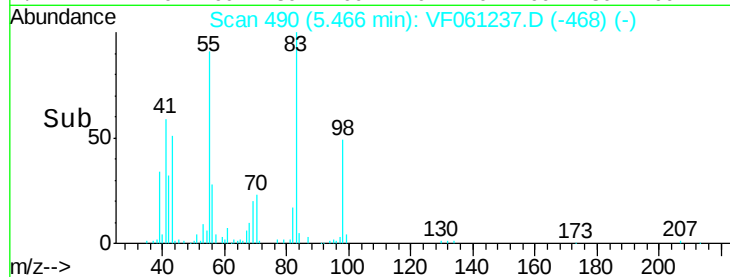
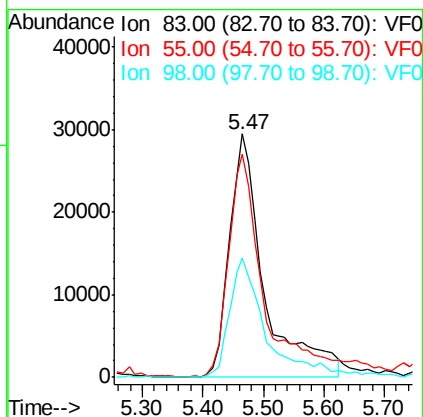
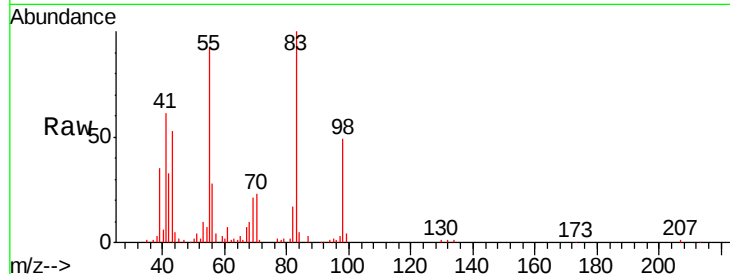




#39  
Methylcyclohexane  
Concen: 39.662 ug/l  
RT: 5.47 min Scan# 490  
Delta R.T. 0.02 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

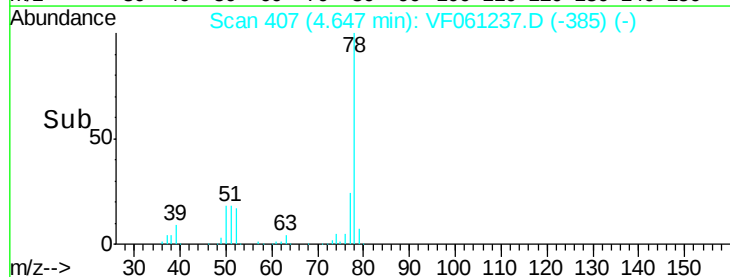
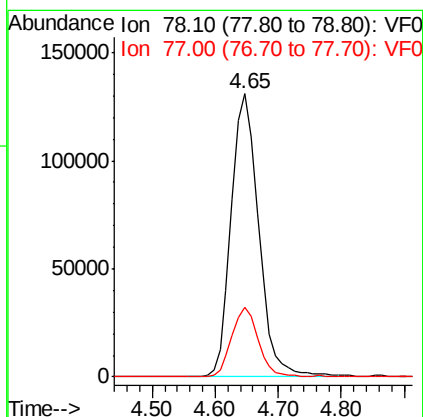
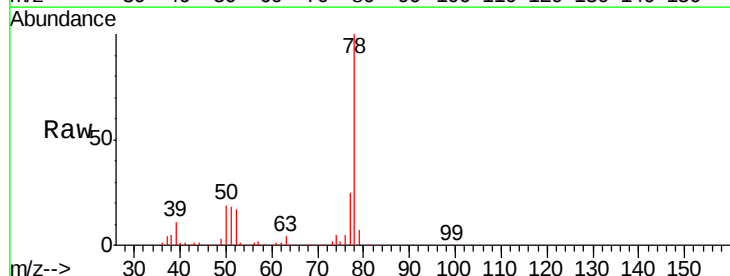
Instrument :  
MSVOA\_F  
ClientSampleId :  
S72-0050MS

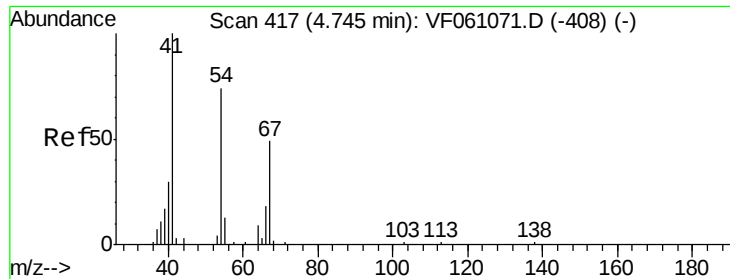
Tgt Ion: 83 Resp: 119274  
Ion Ratio Lower Upper  
83 100  
55 91.6 70.6 105.8  
98 48.9 38.5 57.7



#40  
Benzene  
Concen: 55.045 ug/l  
RT: 4.65 min Scan# 407  
Delta R.T. 0.02 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

Tgt Ion: 78 Resp: 396800  
Ion Ratio Lower Upper  
78 100  
77 24.5 20.7 31.1

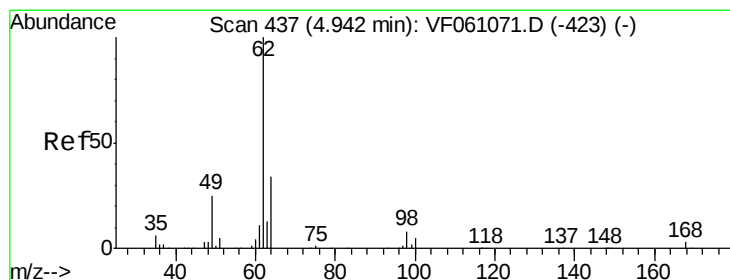
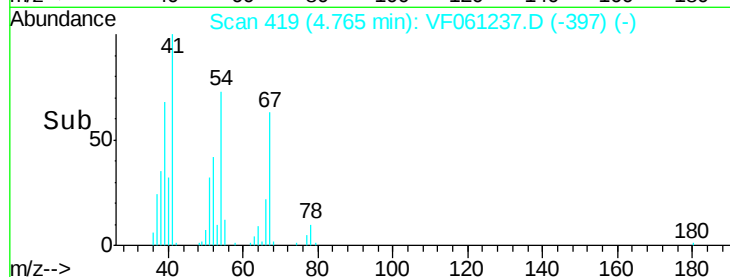
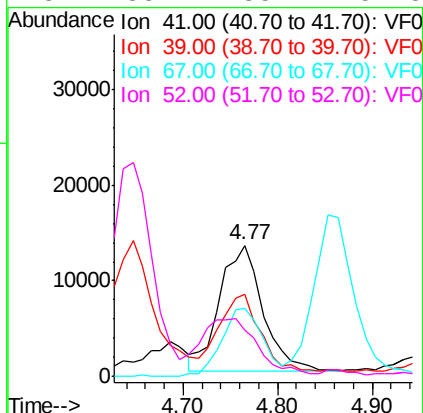
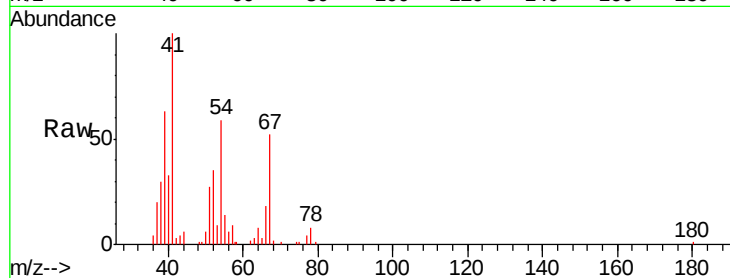




#41  
Methacrylonitrile  
Concen: 58.882 ug/l  
RT: 4.77 min Scan# 419  
Delta R.T. 0.02 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

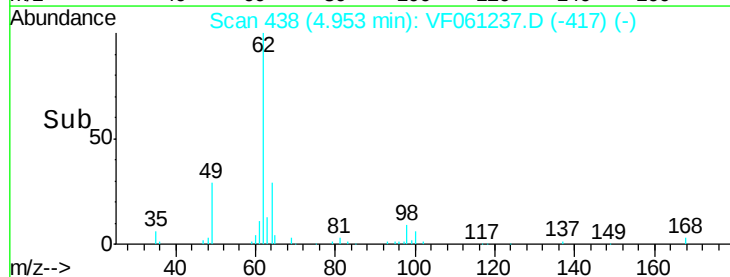
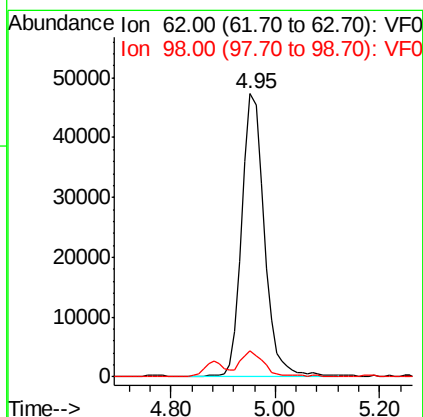
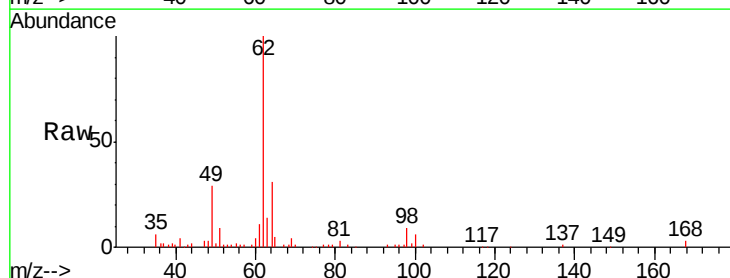
Instrument :  
MSVOA\_F  
ClientSampleId :  
S72-0050MS

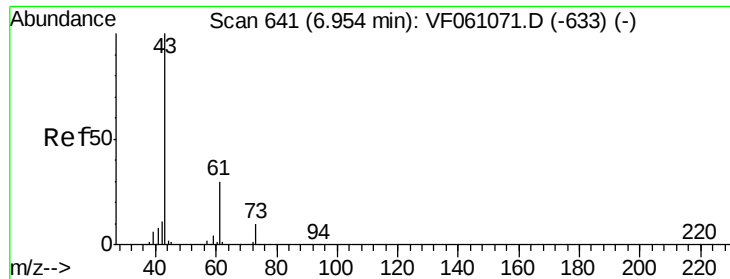
Tgt Ion: 41 Resp: 41684  
Ion Ratio Lower Upper  
41 100  
39 62.9 45.7 68.5  
67 51.9 38.9 58.3  
52 35.1 35.2 52.8#



#42  
1,2-Dichloroethane  
Concen: 50.458 ug/l  
RT: 4.95 min Scan# 438  
Delta R.T. 0.01 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

Tgt Ion: 62 Resp: 138175  
Ion Ratio Lower Upper  
62 100  
98 9.0 0.0 16.6

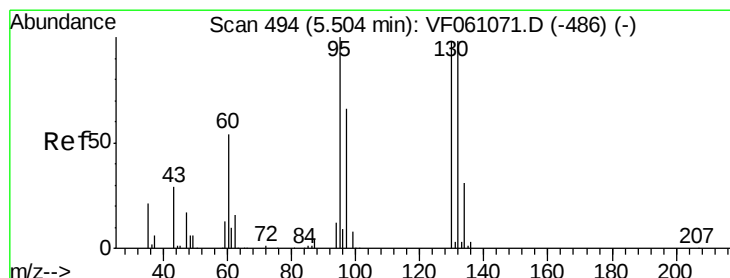
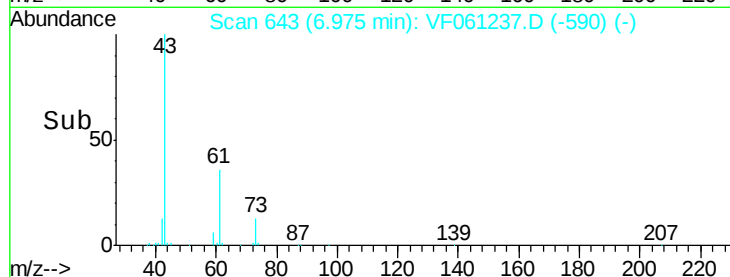
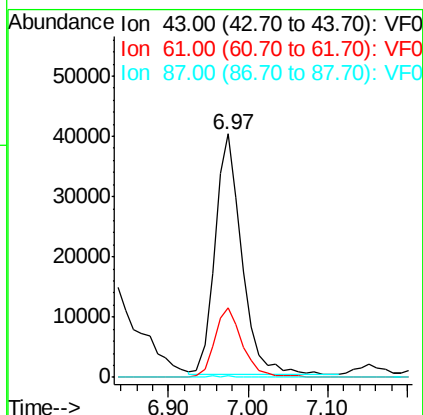
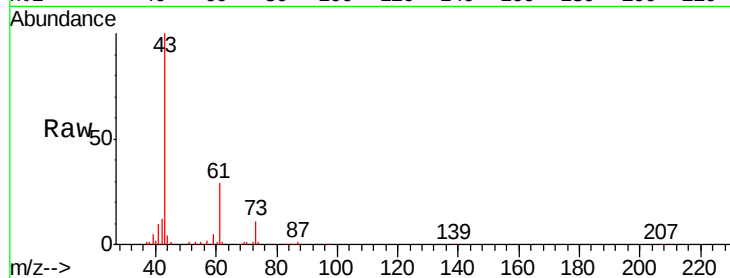




#43  
Isopropyl Acetate  
Concen: 57.884 ug/l  
RT: 6.97 min Scan# 643  
Delta R.T. 0.02 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

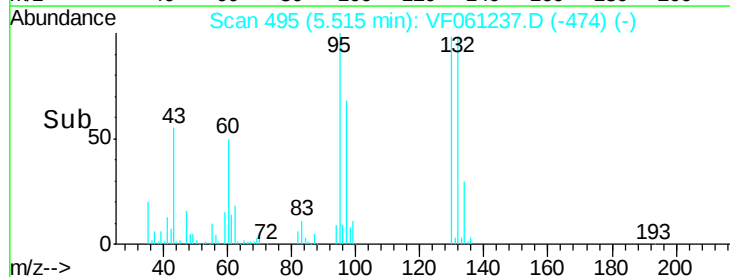
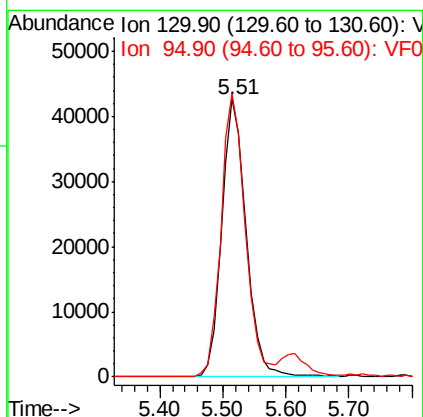
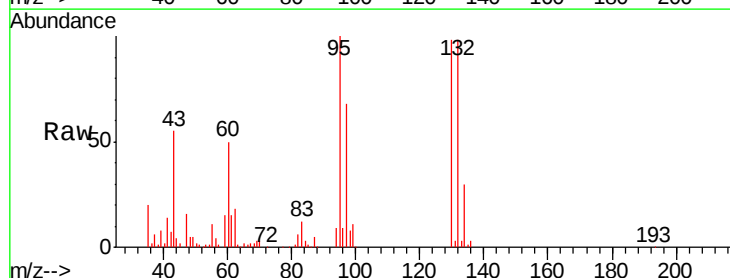
Instrument :  
MSVOA\_F  
ClientSampleId :  
S72-0050MS

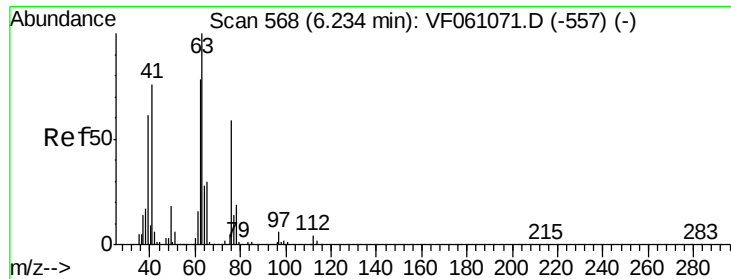
Tgt Ion: 43 Resp: 93689  
Ion Ratio Lower Upper  
43 100  
61 28.6 23.8 35.8  
87 0.6 0.0 0.0#



#44  
Trichloroethene  
Concen: 50.639 ug/l  
RT: 5.51 min Scan# 495  
Delta R.T. 0.01 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

Tgt Ion: 130 Resp: 115087  
Ion Ratio Lower Upper  
130 100  
95 101.9 0.0 205.2





#45

1,2-Dichloropropane

Concen: 55.272 ug/l

RT: 6.24 min Scan# 569

Delta R.T. 0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Instrument :

MSVOA\_F

ClientSampleId :

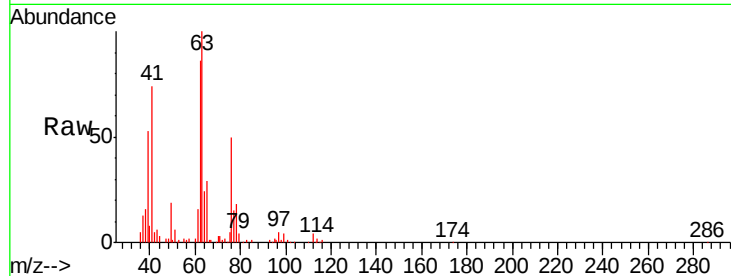
S72-0050MS

Tgt Ion: 63 Resp: 108401

Ion Ratio Lower Upper

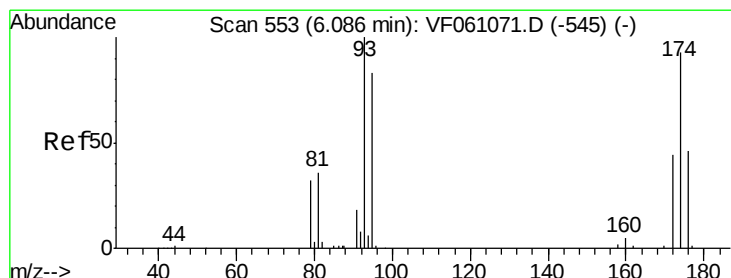
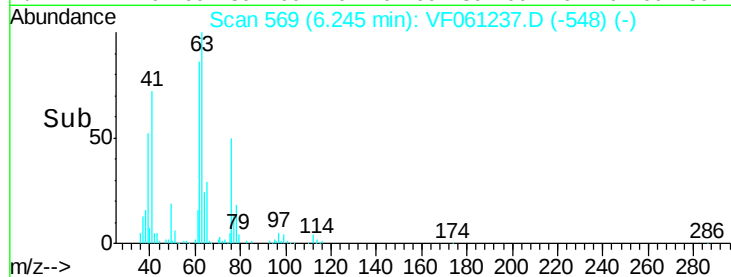
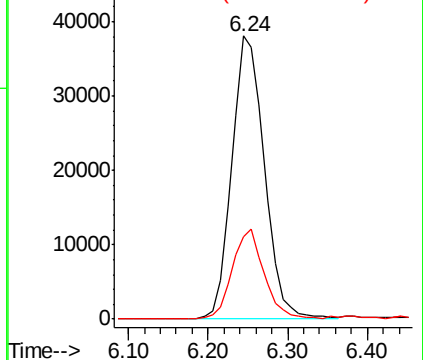
63 100

65 29.2 24.4 36.6



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 65.00 (64.70 to 65.70): VF0



#46

Dibromomethane

Concen: 54.189 ug/l

RT: 6.10 min Scan# 554

Delta R.T. 0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

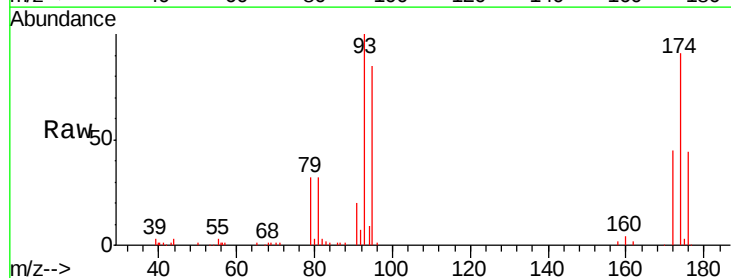
Tgt Ion: 93 Resp: 68930

Ion Ratio Lower Upper

93 100

95 85.1 66.9 100.3

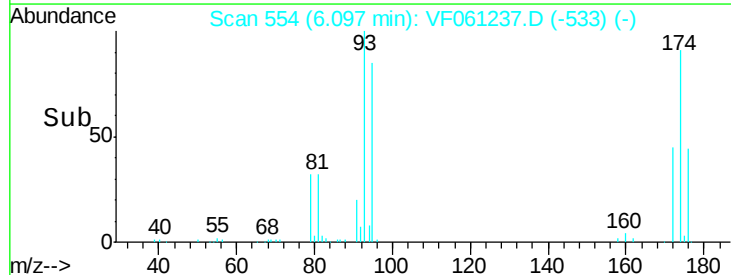
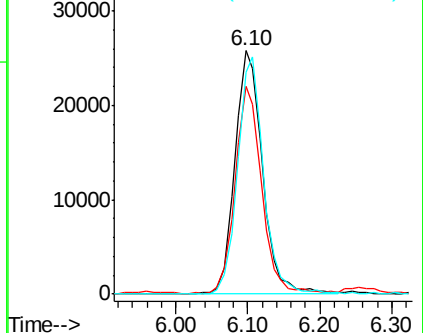
174 91.2 74.1 111.1

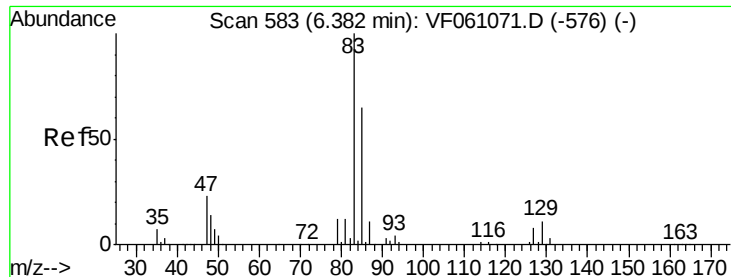


Abundance Ion 93.00 (92.70 to 93.70): VF0

Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V





#47

Bromodichloromethane

Concen: 52.550 ug/l

RT: 6.40 min Scan# 585

Delta R.T. 0.02 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Instrument :

MSVOA\_F

ClientSampleId :

S72-0050MS

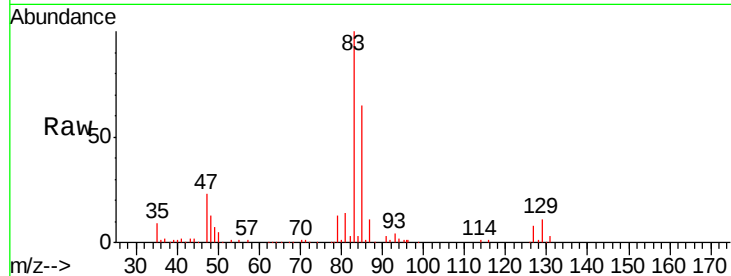
Tgt Ion: 83 Resp: 173680

Ion Ratio Lower Upper

83 100

85 65.3 52.2 78.4

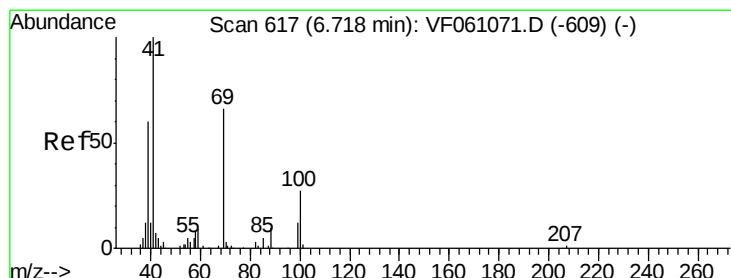
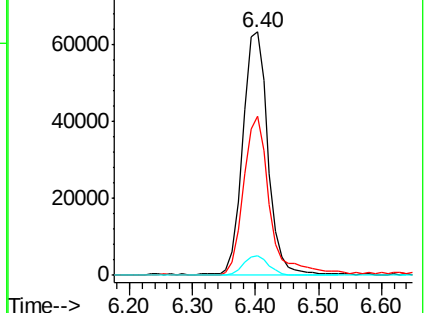
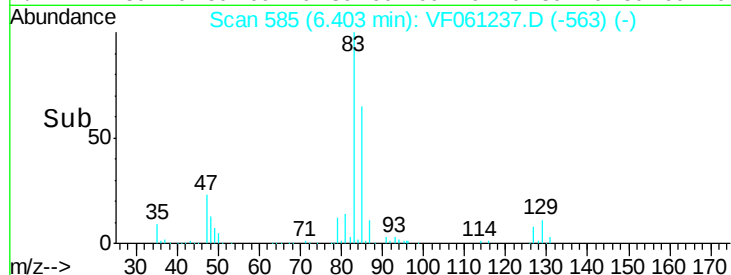
127 8.3 6.1 9.1



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: 49.945 ug/l

RT: 6.74 min Scan# 619

Delta R.T. 0.02 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

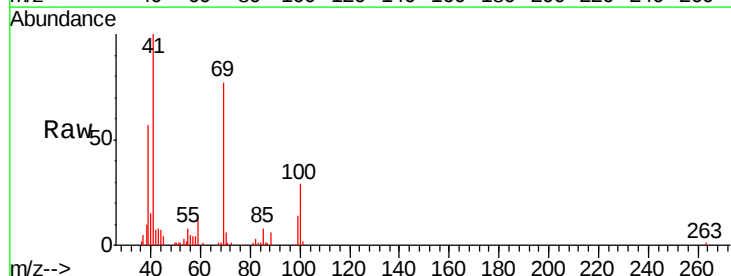
Tgt Ion: 41 Resp: 56434

Ion Ratio Lower Upper

41 100

69 77.0 52.7 79.1

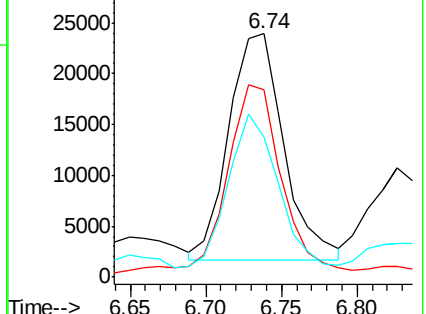
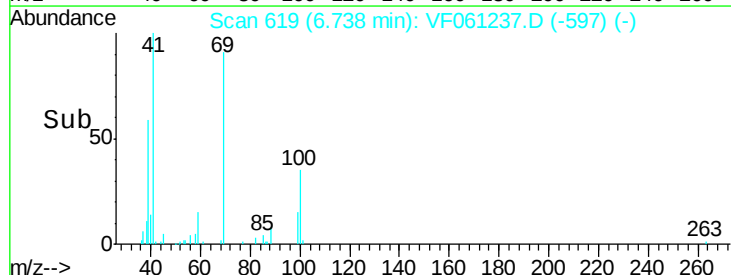
39 57.3 47.8 71.6

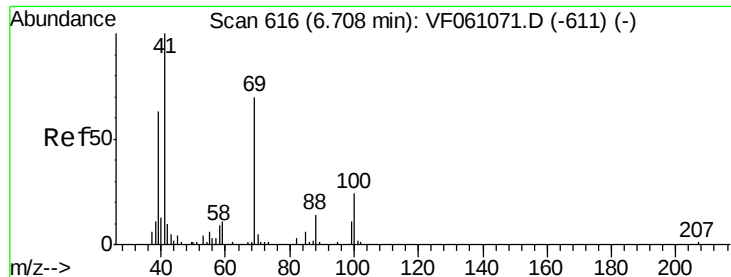


Abundance Ion 41.00 (40.70 to 41.70): VF0

Ion 69.00 (68.70 to 69.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#49

1,4-Dioxane

Concen: 1108.592 ug/l

RT: 6.72 min Scan# 617

Delta R.T. 0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Instrument :

MSVOA\_F

ClientSampleId :

S72-0050MS

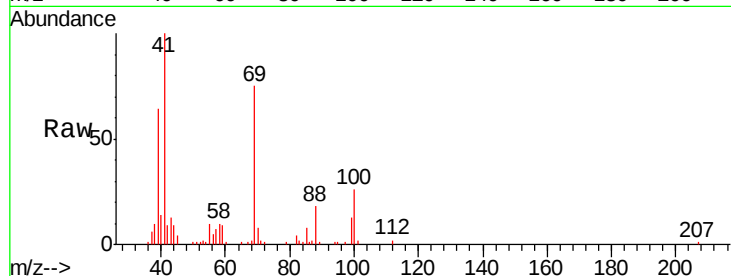
Tgt Ion: 88 Resp: 9089

Ion Ratio Lower Upper

88 100

43 70.3 33.3 49.9#

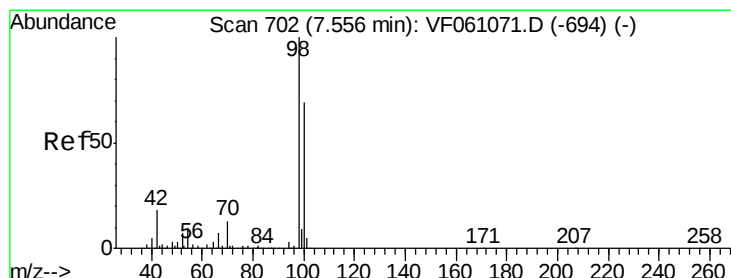
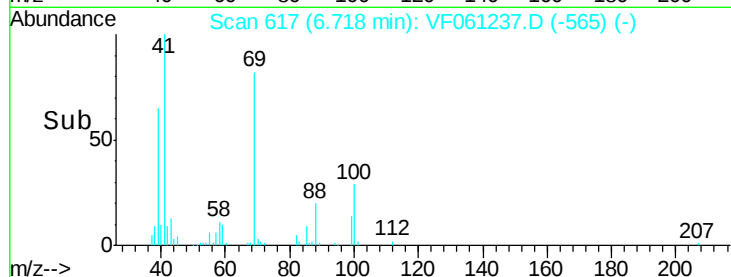
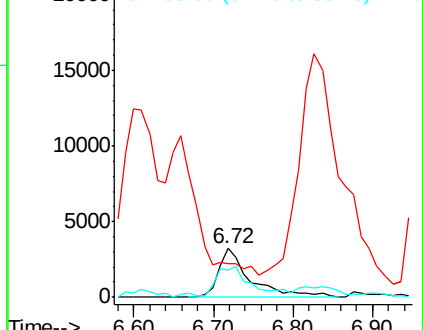
58 55.4 53.2 79.8



Abundance Ion 88.00 (87.70 to 88.70): VF0

Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0



#50

Toluene-d8

Concen: 56.196 ug/l

RT: 7.57 min Scan# 703

Delta R.T. 0.01 min

Lab File: VF061237.D

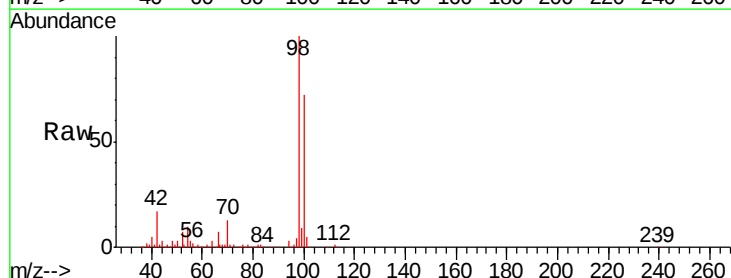
Acq: 28 Dec 2018 15:49

Tgt Ion: 98 Resp: 354267

Ion Ratio Lower Upper

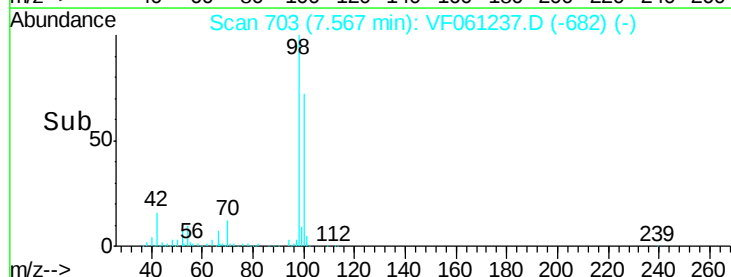
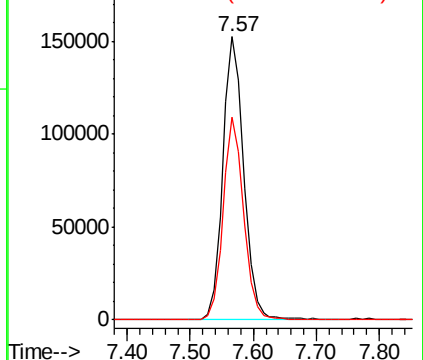
98 100

100 71.6 55.3 82.9



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0





#51

4-Methyl-2-Pentanone

Concen: 298.493 ug/l

RT: 8.27 min Scan# 774

Delta R.T. 0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Instrument :

MSVOA\_F

ClientSampleId :

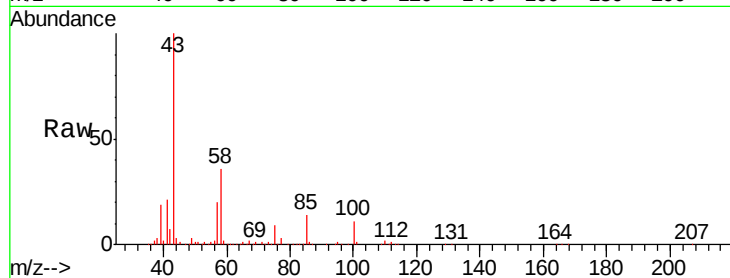
S72-0050MS

Tgt Ion: 43 Resp: 331339

Ion Ratio Lower Upper

43 100

58 35.8 29.1 43.7



Abundance Ion 43.00 (42.70 to 43.70): VF0

Ion 58.00 (57.70 to 58.70): VF0

8.27

150000

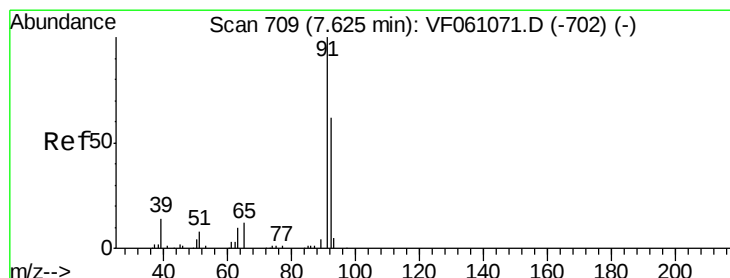
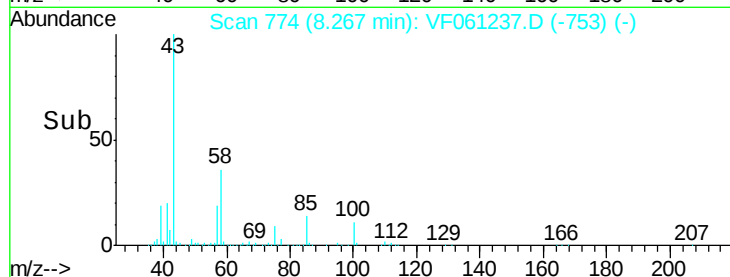
100000

50000

0

8.20 8.30 8.40

Time-->



#52

Toluene

Concen: 55.343 ug/l

RT: 7.64 min Scan# 710

Delta R.T. 0.01 min

Lab File: VF061237.D

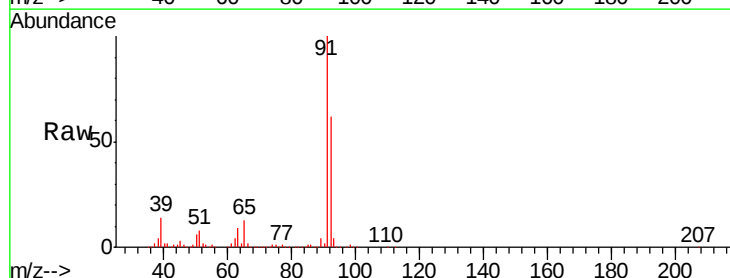
Acq: 28 Dec 2018 15:49

Tgt Ion: 92 Resp: 264085

Ion Ratio Lower Upper

92 100

91 161.0 128.8 193.2



Abundance Ion 92.00 (91.70 to 92.70): VF0

Ion 91.00 (90.70 to 91.70): VF0

7.64

200000

150000

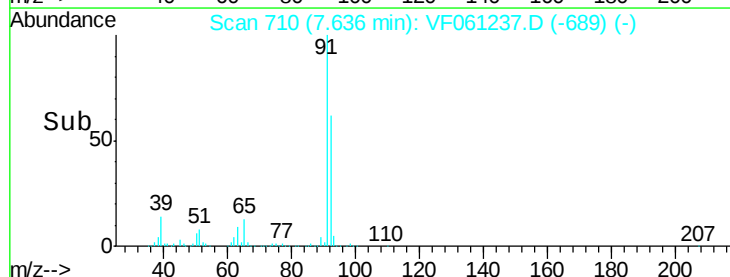
100000

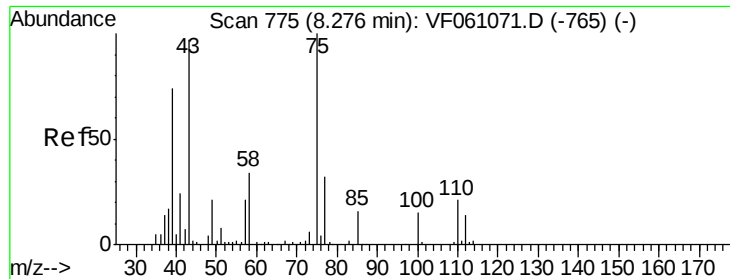
50000

0

7.50 7.60 7.70 7.80

Time-->

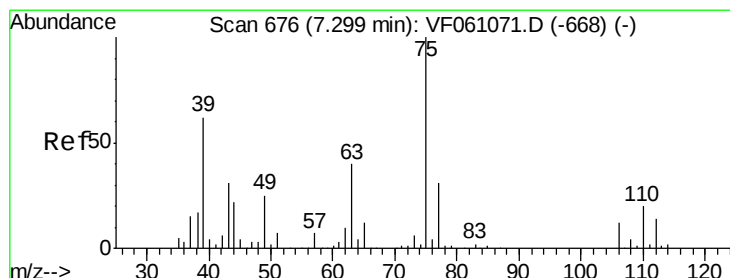
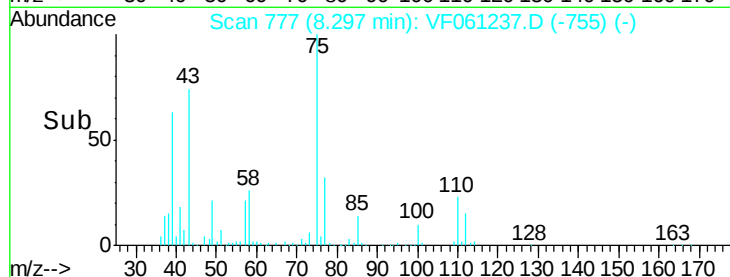
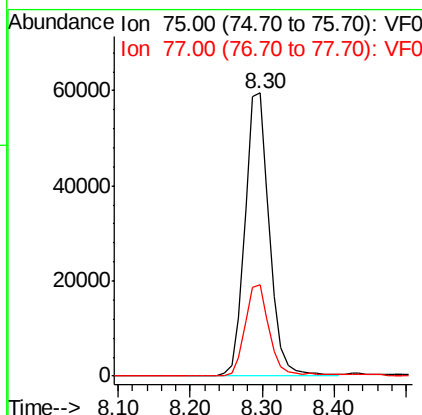
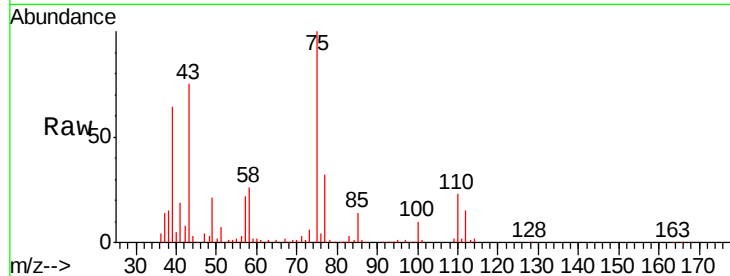




#53  
 t-1,3-Dichloropropene  
 Concen: 52.875 ug/l  
 RT: 8.30 min Scan# 777  
 Delta R.T. 0.02 min  
 Lab File: VF061237.D  
 Acq: 28 Dec 2018 15:49

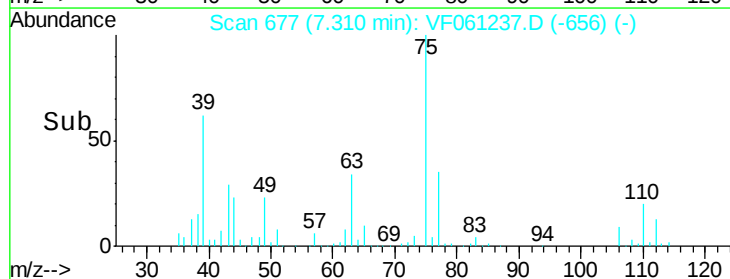
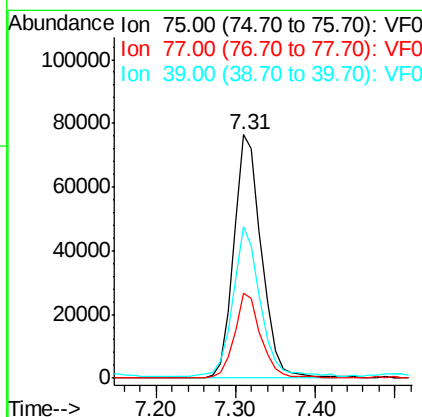
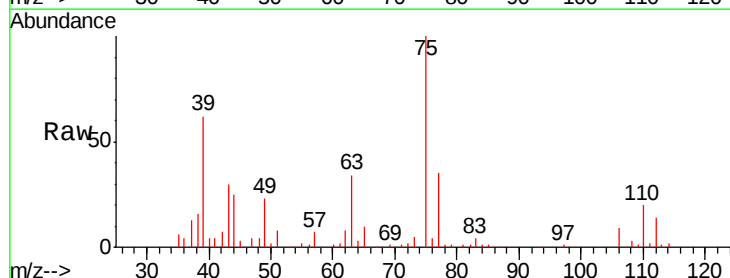
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 S72-0050MS

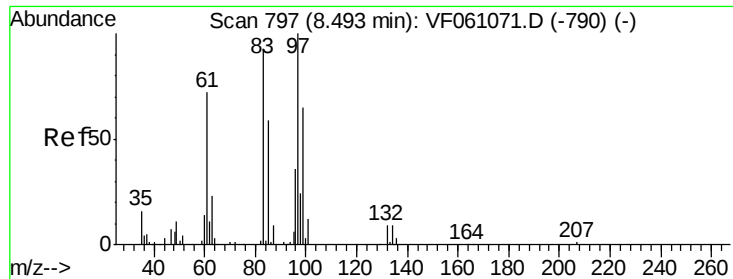
Tgt Ion: 75 Resp: 140977  
 Ion Ratio Lower Upper  
 75 100  
 77 32.5 25.8 38.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 55.080 ug/l  
 RT: 7.31 min Scan# 677  
 Delta R.T. 0.01 min  
 Lab File: VF061237.D  
 Acq: 28 Dec 2018 15:49

Tgt Ion: 75 Resp: 184316  
 Ion Ratio Lower Upper  
 75 100  
 77 34.9 25.0 37.4  
 39 62.4 50.1 75.1





#55

1,1,2-Trichloroethane

Concen: 54.069 ug/l

RT: 8.50 min Scan# 798

Delta R.T. 0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Instrument :

MSVOA\_F

ClientSampleId :

S72-0050MS

Tgt Ion: 97 Resp: 77345

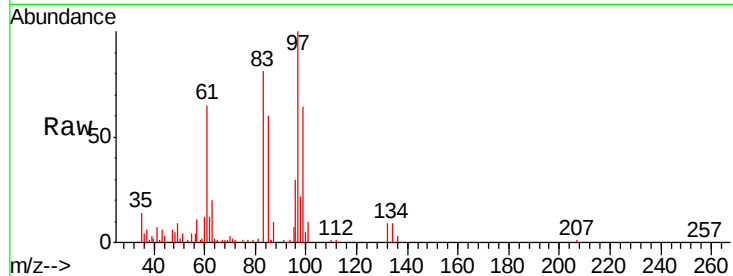
Ion Ratio Lower Upper

97 100

83 80.8 75.0 112.4

85 59.6 47.5 71.3

99 64.2 51.9 77.9

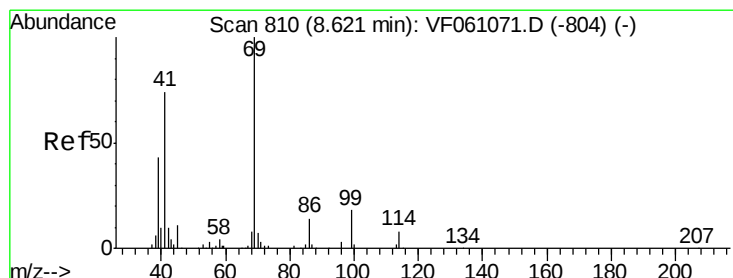
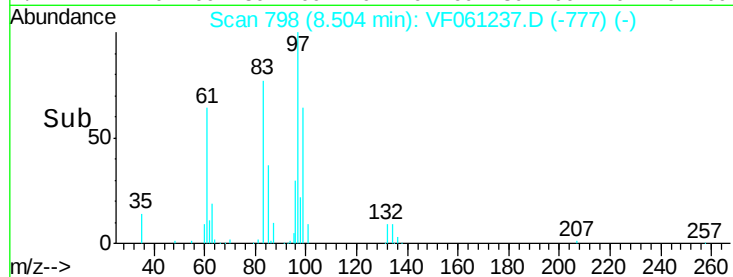
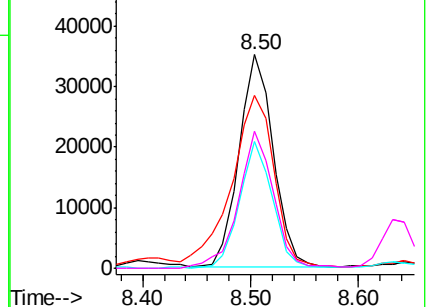


Abundance Ion 97.00 (96.70 to 97.70): VF0

Ion 82.95 (82.65 to 83.65): VF0

Ion 84.95 (84.65 to 85.65): VF0

Ion 98.95 (98.65 to 99.65): VF0



#56

Ethyl methacrylate

Concen: 66.208 ug/l

RT: 8.63 min Scan# 811

Delta R.T. 0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

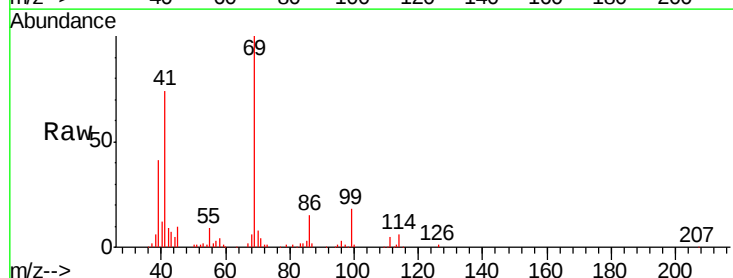
Tgt Ion: 69 Resp: 102484

Ion Ratio Lower Upper

69 100

41 73.8 59.7 89.5

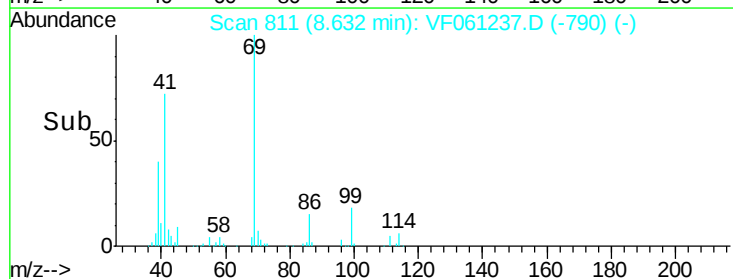
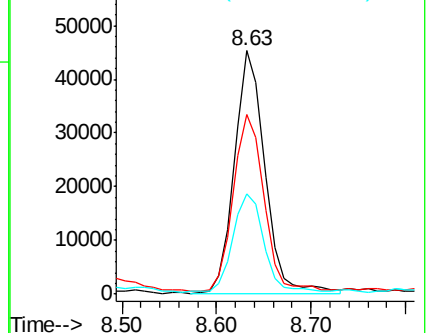
39 41.2 35.0 52.6

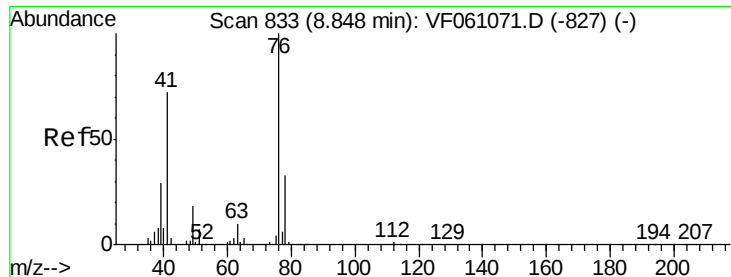


Abundance Ion 69.00 (68.70 to 69.70): VF0

Ion 41.00 (40.70 to 41.70): VF0

Ion 39.00 (38.70 to 39.70): VF0





#57

1,3-Dichloropropane

Concen: 53.826 ug/l

RT: 8.87 min Scan# 835

Delta R.T. 0.02 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Instrument :

MSVOA\_F

ClientSampleId :

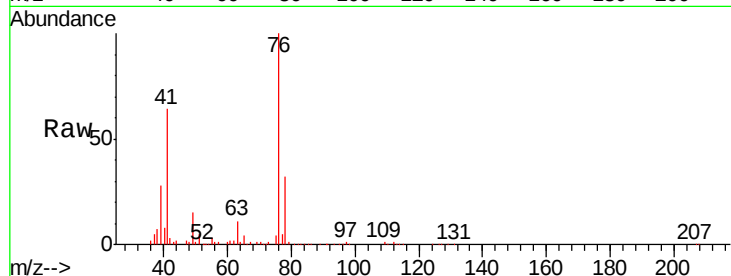
S72-0050MS

Tgt Ion: 76 Resp: 139262

Ion Ratio Lower Upper

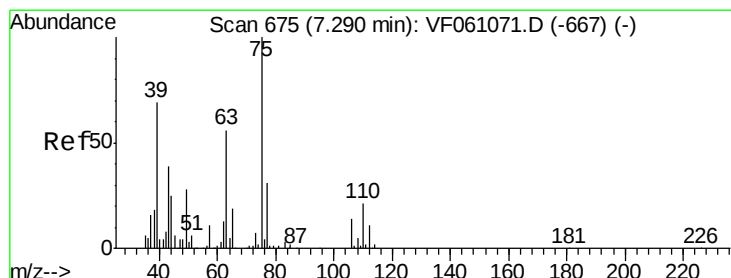
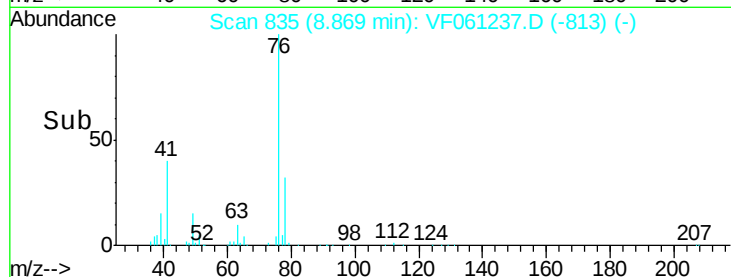
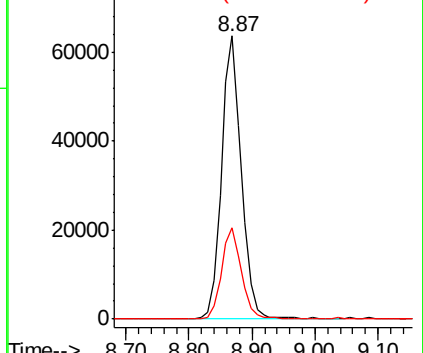
76 100

78 32.4 26.5 39.7



Abundance Ion 76.00 (75.70 to 76.70): VF0

Ion 78.00 (77.70 to 78.70): VF0



#58

2-Chloroethyl Vinyl ether

Concen: 194.683 ug/l

RT: 7.31 min Scan# 677

Delta R.T. 0.02 min

Lab File: VF061237.D

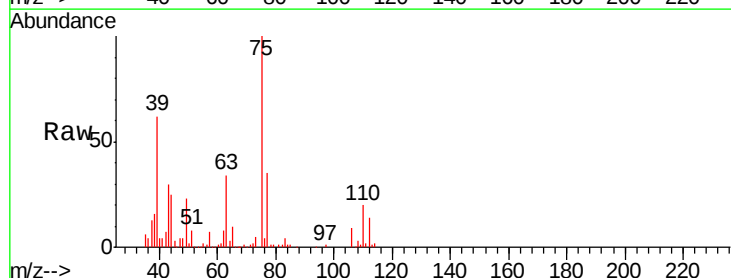
Acq: 28 Dec 2018 15:49

Tgt Ion: 63 Resp: 57877

Ion Ratio Lower Upper

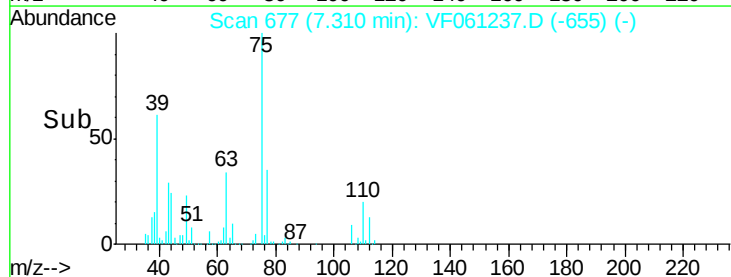
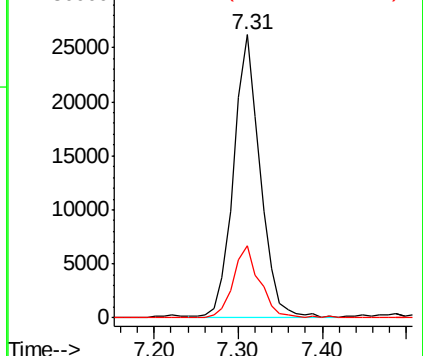
63 100

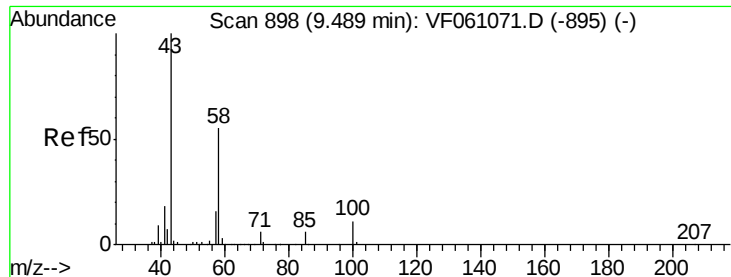
106 25.3 19.8 29.8



Abundance Ion 63.00 (62.70 to 63.70): VF0

Ion 106.00 (105.70 to 106.70): V

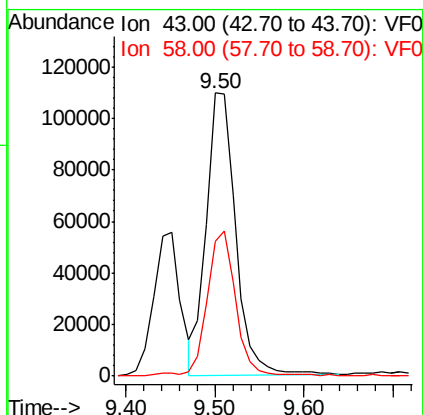
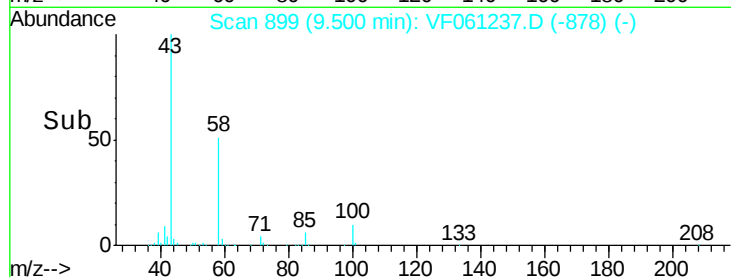
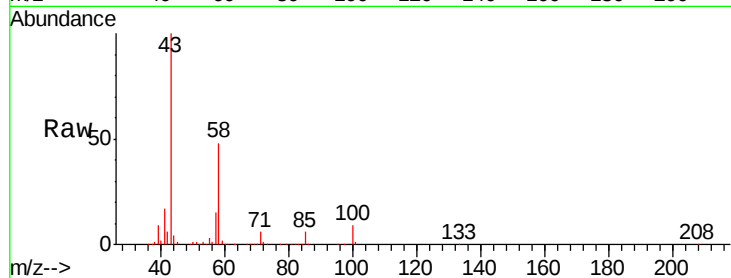




#59  
2-Hexanone  
Concen: 311.679 ug/l  
RT: 9.50 min Scan# 899  
Delta R.T. 0.01 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

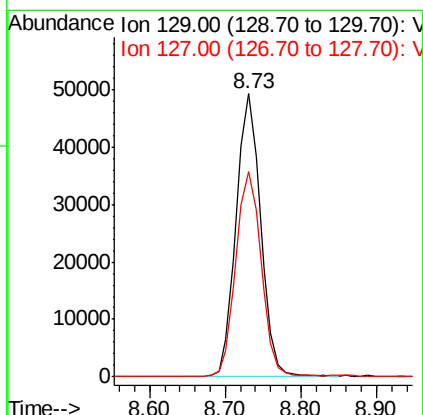
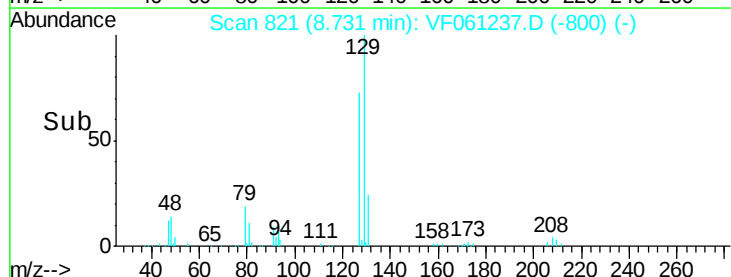
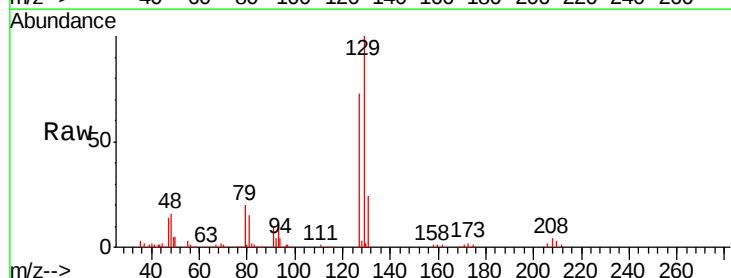
Instrument :  
MSVOA\_F  
ClientSampleId :  
S72-0050MS

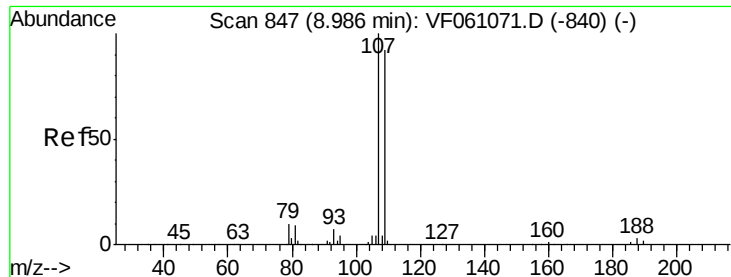
Tgt Ion: 43 Resp: 250202  
Ion Ratio Lower Upper  
43 100  
58 47.8 25.1 75.2



#60  
Dibromochloromethane  
Concen: 54.043 ug/l  
RT: 8.73 min Scan# 821  
Delta R.T. 0.01 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

Tgt Ion: 129 Resp: 110819  
Ion Ratio Lower Upper  
129 100  
127 72.6 36.8 110.3





#61

1,2-Dibromoethane

Concen: 52.562 ug/l

RT: 9.00 min Scan# 848

Delta R.T. 0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Instrument :

MSVOA\_F

ClientSampleId :

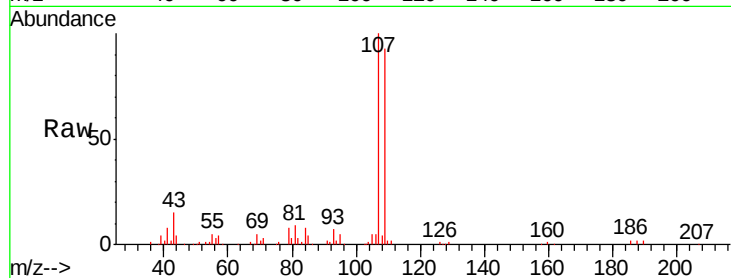
S72-0050MS

Tgt Ion: 107 Resp: 80302

Ion Ratio Lower Upper

107 100

109 92.7 73.7 110.5



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

9.00

40000

30000

20000

10000

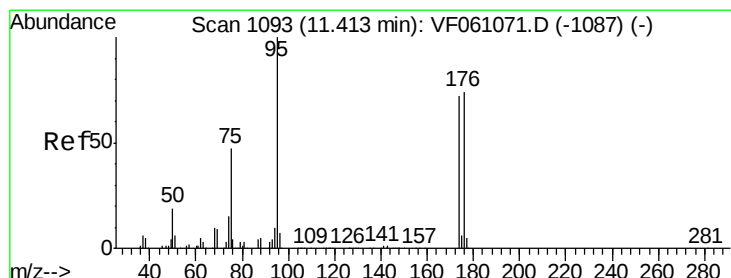
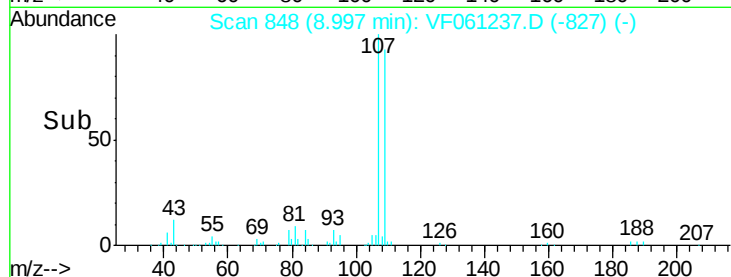
0

Time-->

8.90

9.00

9.10



#62

4-Bromofluorobenzene

Concen: 50.792 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

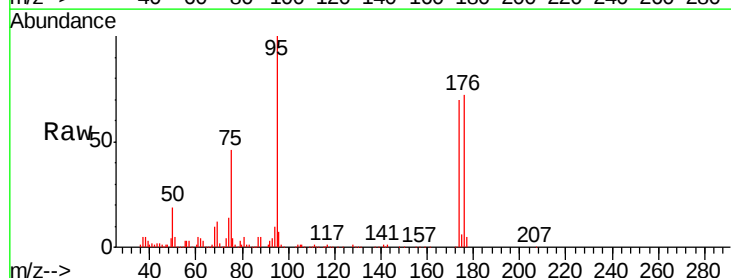
Tgt Ion: 95 Resp: 147618

Ion Ratio Lower Upper

95 100

174 69.9 0.0 143.8

176 71.6 0.0 147.6



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

120000

100000

80000

60000

40000

20000

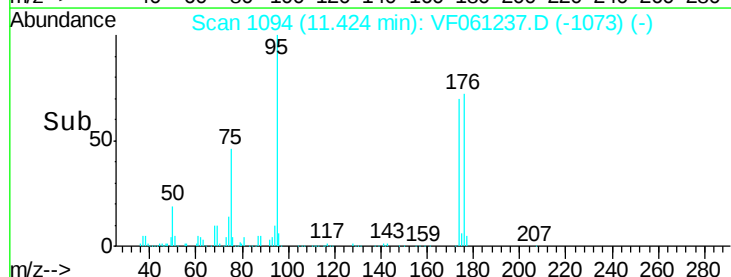
0

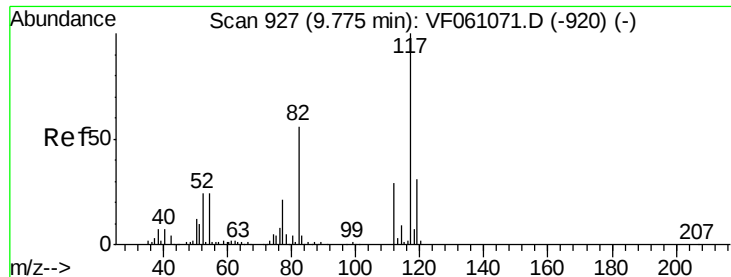
Time-->

11.30

11.40

11.50

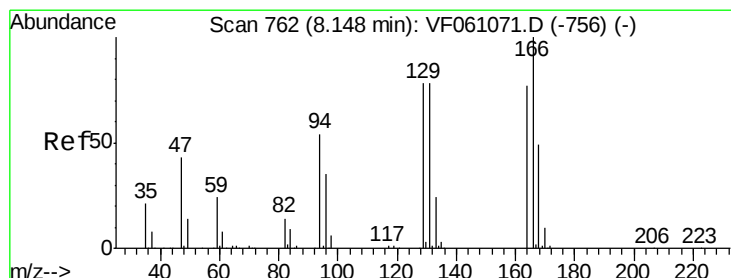
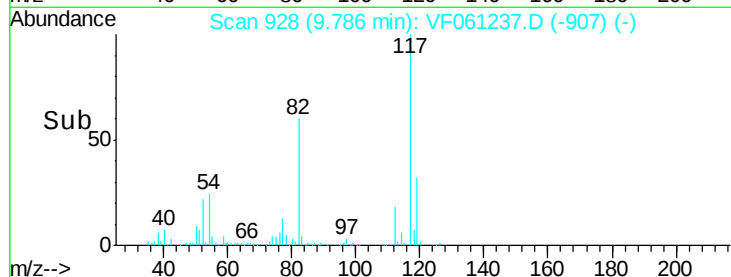
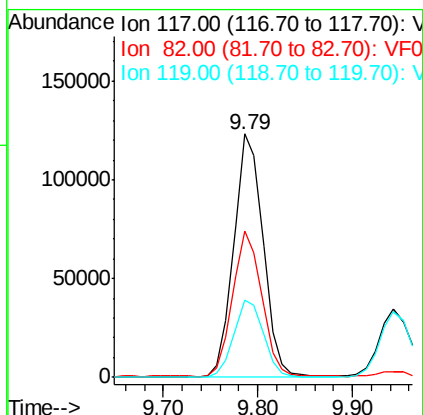
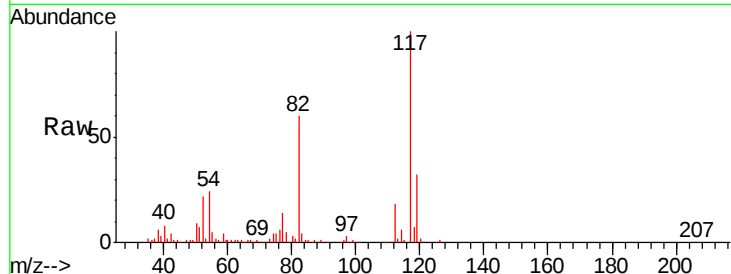




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 9.79 min Scan# 928  
Delta R.T. 0.01 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

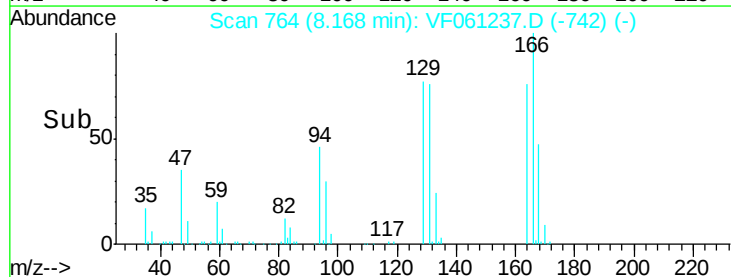
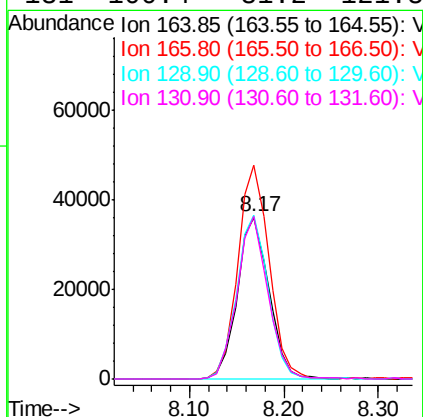
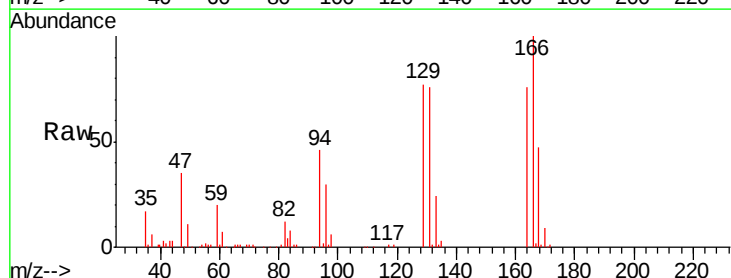
Instrument :  
MSVOA\_F  
ClientSampleId :  
S72-0050MS

Tgt Ion:117 Resp: 266580  
Ion Ratio Lower Upper  
117 100  
82 59.9 45.0 67.4  
119 31.6 24.8 37.2



#64  
Tetrachloroethene  
Concen: 40.973 ug/l  
RT: 8.17 min Scan# 764  
Delta R.T. 0.02 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

Tgt Ion:164 Resp: 84023  
Ion Ratio Lower Upper  
164 100  
166 132.4 104.0 156.0  
129 101.6 81.1 121.7  
131 100.4 81.2 121.8

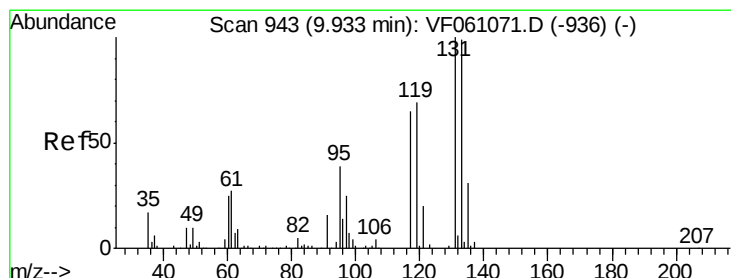
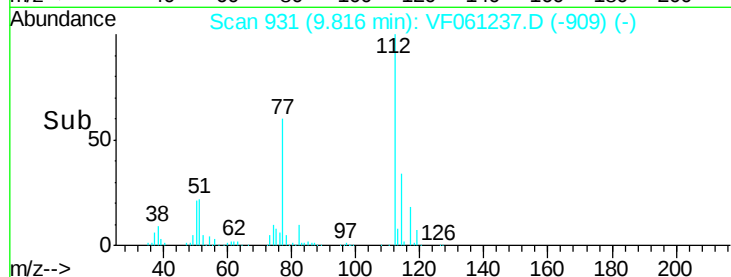
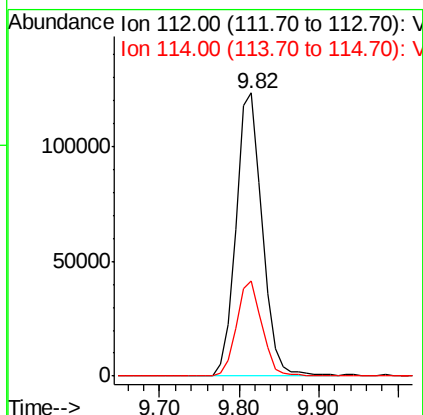
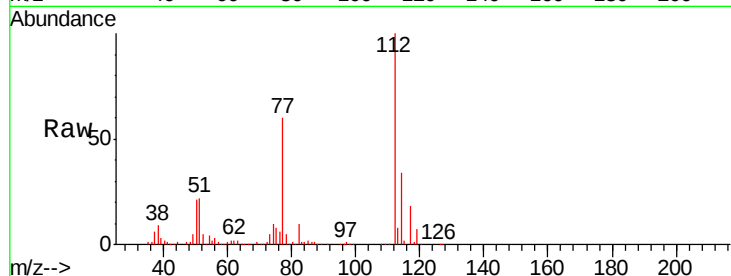




#65  
Chlorobenzene  
Concen: 51.366 ug/l  
RT: 9.82 min Scan# 931  
Delta R.T. 0.02 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

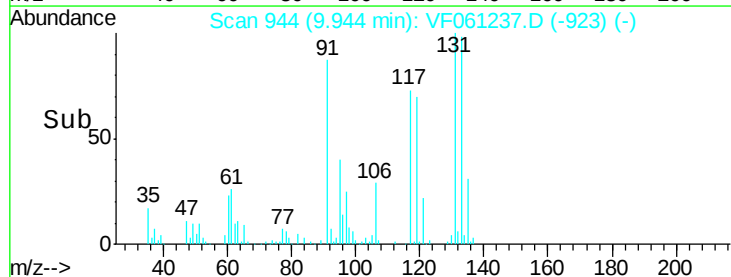
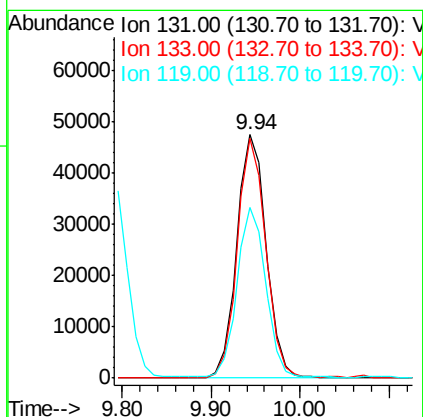
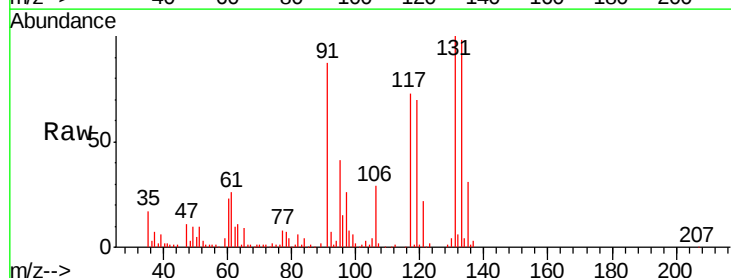
Instrument :  
MSVOA\_F  
ClientSampleId :  
S72-0050MS

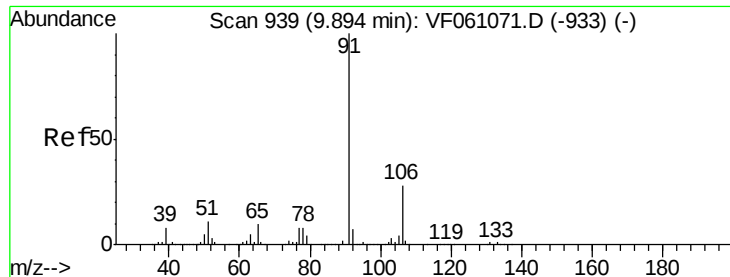
Tgt Ion:112 Resp: 282884  
Ion Ratio Lower Upper  
112 100  
114 33.7 27.8 41.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 48.523 ug/l  
RT: 9.94 min Scan# 944  
Delta R.T. 0.01 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

Tgt Ion:131 Resp: 109203  
Ion Ratio Lower Upper  
131 100  
133 98.4 49.5 148.7  
119 70.0 34.5 103.5

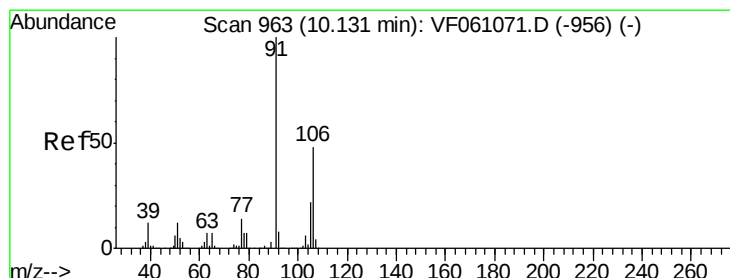
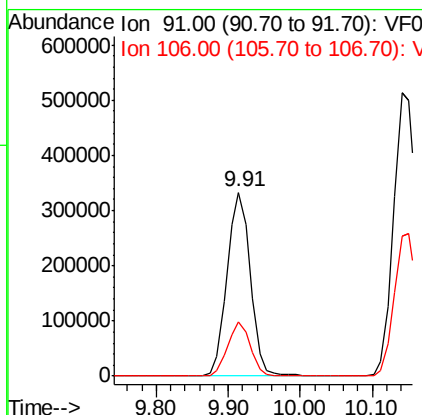
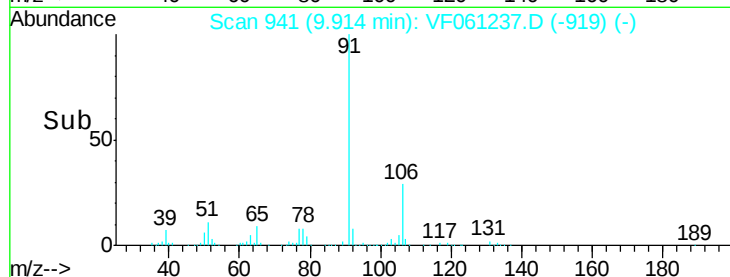
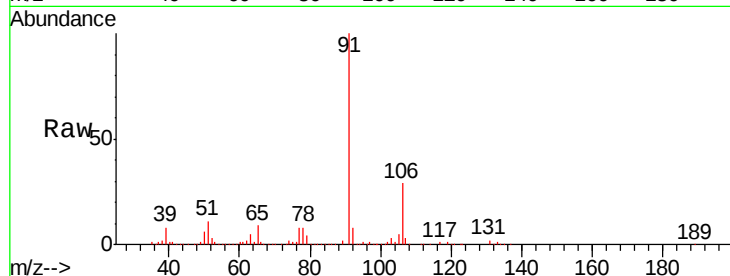




#67  
Ethyl Benzene  
Concen: 75.134 ug/l  
RT: 9.91 min Scan# 941  
Delta R.T. 0.02 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

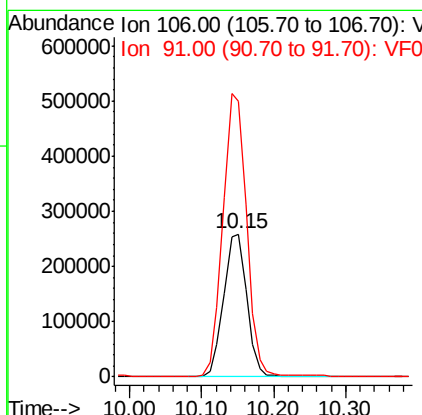
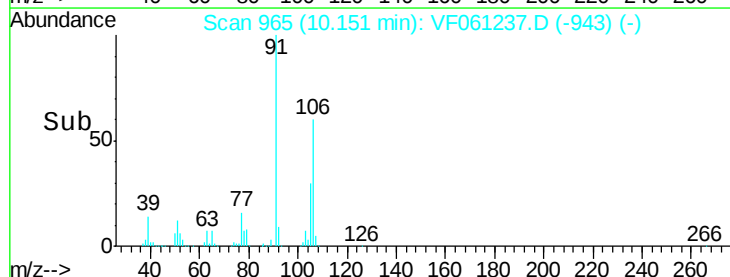
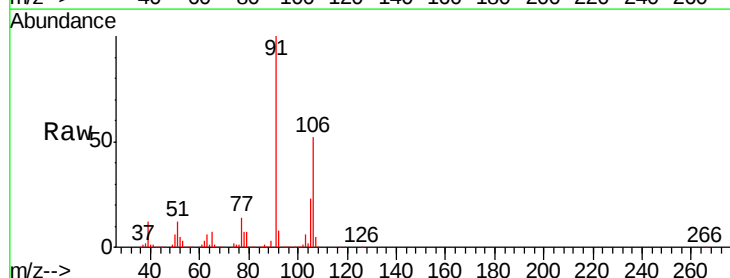
Instrument :  
MSVOA\_F  
ClientSampleId :  
S72-0050MS

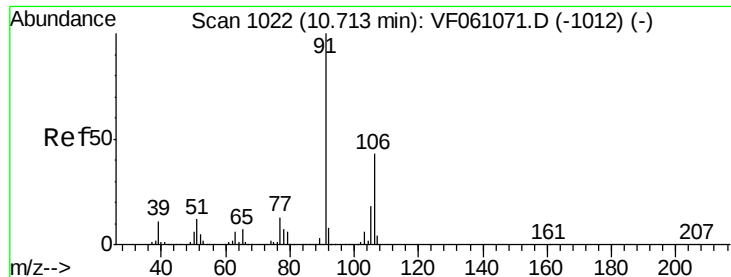
Tgt Ion: 91 Resp: 753819  
Ion Ratio Lower Upper  
91 100  
106 29.2 22.5 33.7



#68  
m/p-Xylenes  
Concen: 164.963 ug/l  
RT: 10.15 min Scan# 965  
Delta R.T. 0.02 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

Tgt Ion: 106 Resp: 582461  
Ion Ratio Lower Upper  
106 100  
91 193.3 168.2 252.2

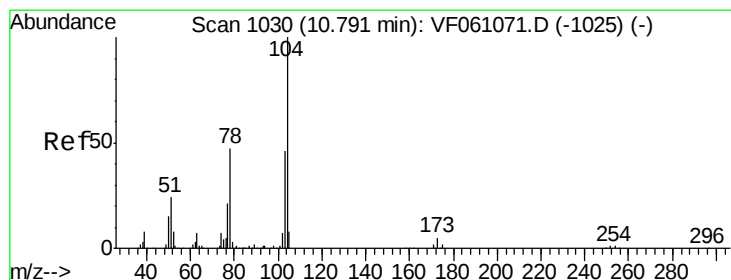
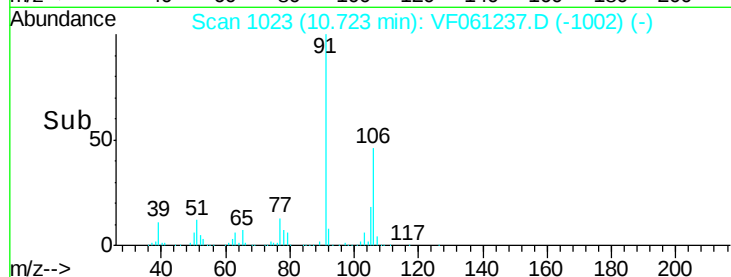
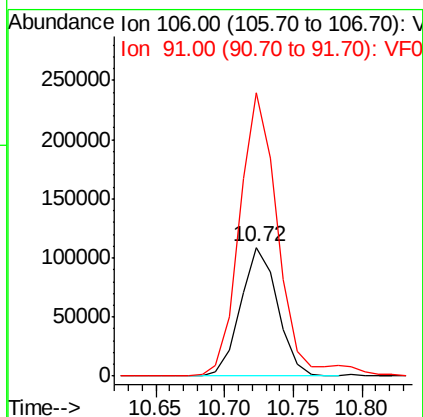
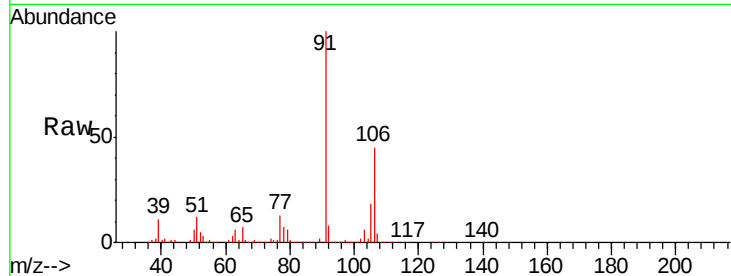




#69  
o-Xylene  
Concen: 52.477 ug/l  
RT: 10.72 min Scan# 1023  
Delta R.T. 0.01 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

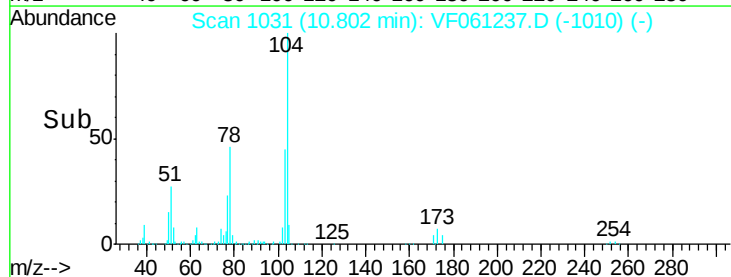
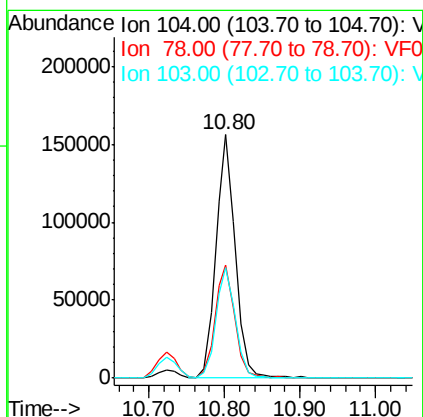
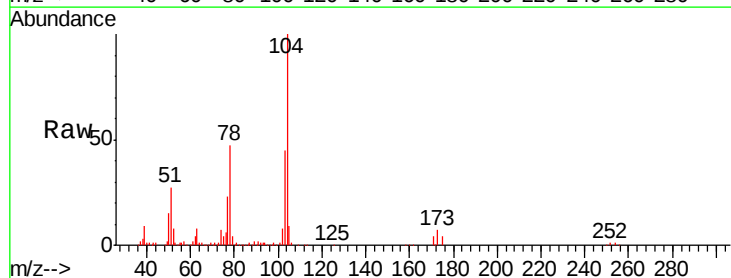
Instrument :  
MSVOA\_F  
ClientSampleId :  
S72-0050MS

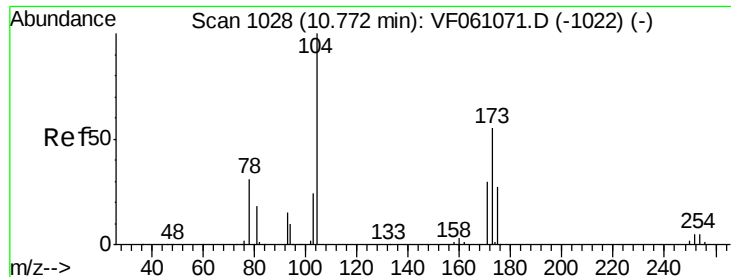
Tgt Ion:106 Resp: 205498  
Ion Ratio Lower Upper  
106 100  
91 219.8 115.9 347.7



#70  
Styrene  
Concen: 59.030 ug/l  
RT: 10.80 min Scan# 1031  
Delta R.T. 0.01 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

Tgt Ion:104 Resp: 277471  
Ion Ratio Lower Upper  
104 100  
78 46.6 38.4 57.6  
103 45.4 37.0 55.6

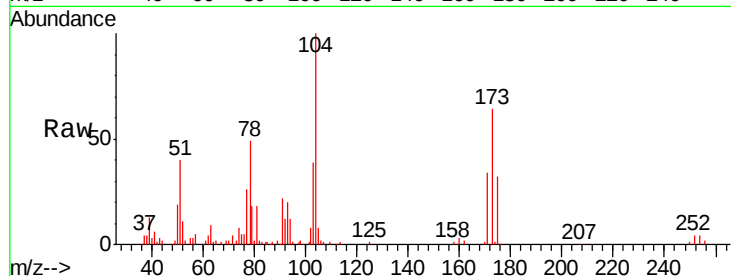




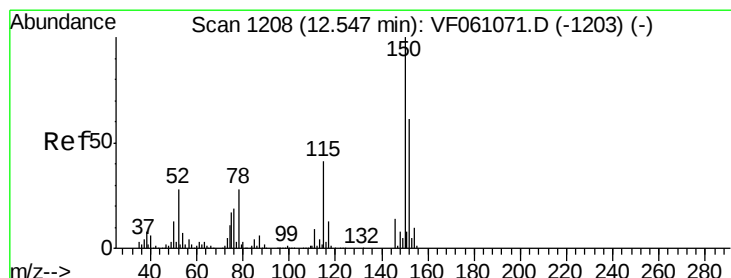
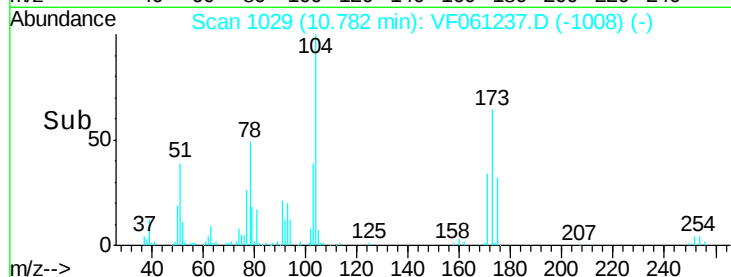
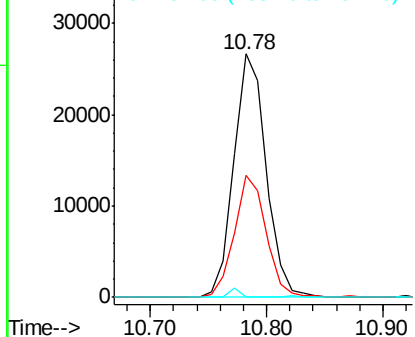
#71  
Bromoform  
Concen: 49.132 ug/l  
RT: 10.78 min Scan# 1029  
Delta R.T. 0.01 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

Instrument :  
MSVOA\_F  
ClientSampleId :  
S72-0050MS

Tgt Ion:173 Resp: 51157  
Ion Ratio Lower Upper  
173 100  
175 50.8 24.8 74.4  
254 0.0 0.0 0.0

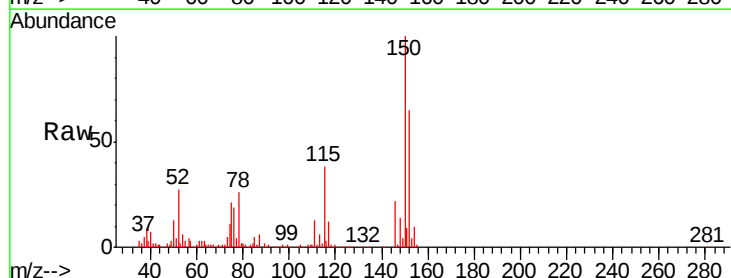


Abundance Ion 173.00 (172.70 to 173.70): V  
Ion 175.00 (174.70 to 175.70): V  
Ion 254.00 (253.70 to 254.70): V

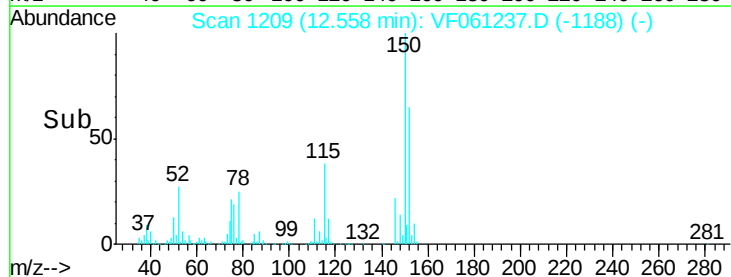
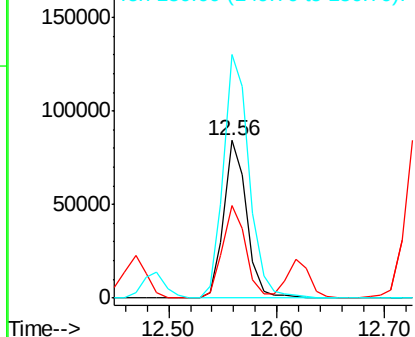


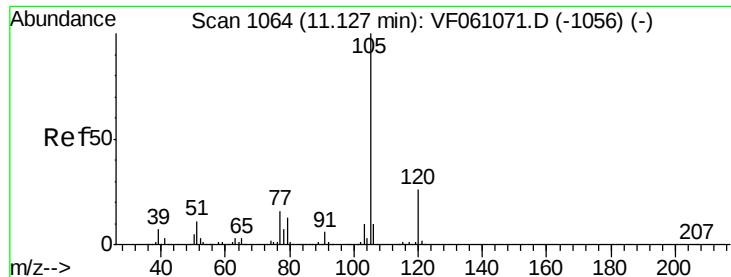
#72  
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.56 min Scan# 1209  
Delta R.T. 0.01 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

Tgt Ion:152 Resp: 125068  
Ion Ratio Lower Upper  
152 100  
115 58.9 33.3 99.9  
150 154.6 0.0 328.2



Abundance Ion 152.00 (151.70 to 152.70): V  
Ion 115.00 (114.70 to 115.70): V  
Ion 150.00 (149.70 to 150.70): V





#73

Isopropylbenzene

Concen: 60.766 ug/l

RT: 11.14 min Scan# 1065

Delta R.T. 0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Instrument :

MSVOA\_F

ClientSampleId :

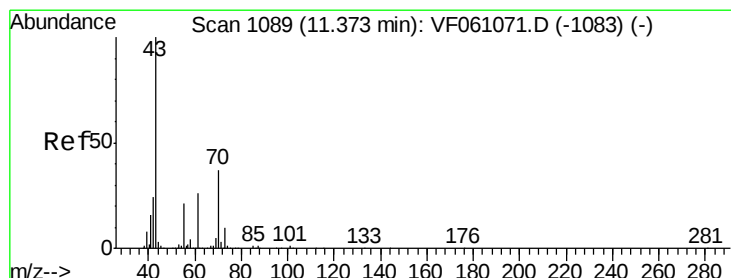
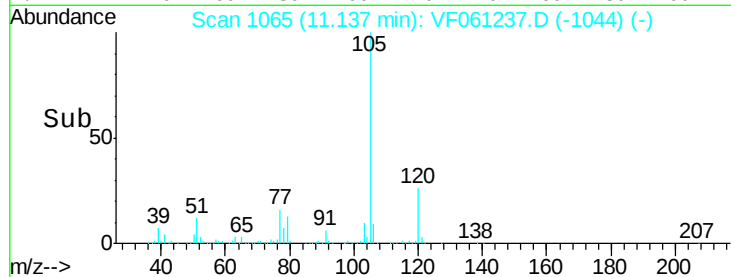
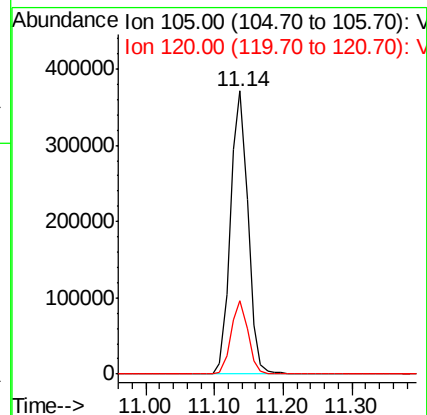
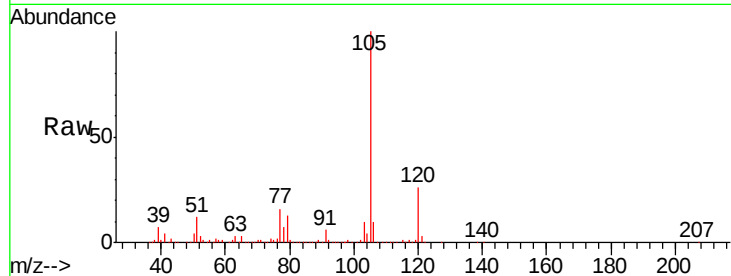
S72-0050MS

Tgt Ion:105 Resp: 654926

Ion Ratio Lower Upper

105 100

120 25.9 13.0 39.0



#74

N-ethyl acetate

Concen: 62.307 ug/l

RT: 11.38 min Scan# 1090

Delta R.T. 0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Tgt Ion: 43 Resp: 149091

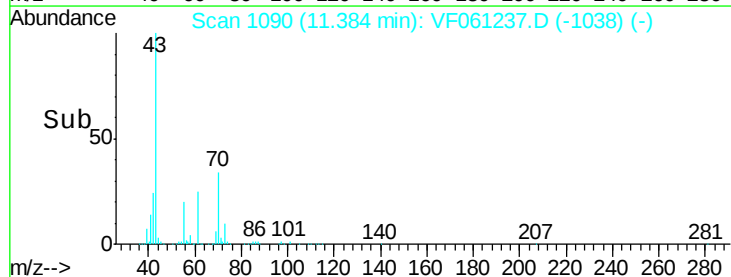
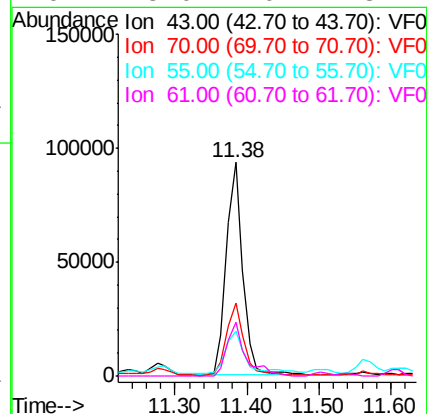
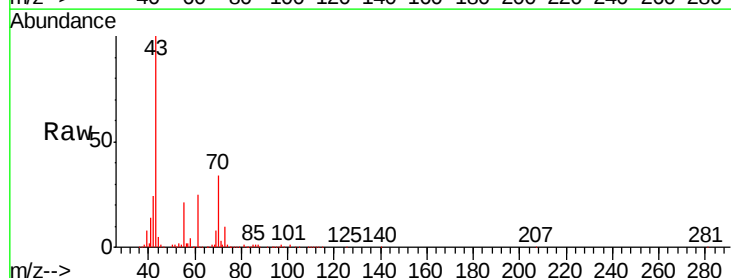
Ion Ratio Lower Upper

43 100

70 34.2 29.2 43.8

55 20.9 16.5 24.7

61 25.0 20.7 31.1





#75

1,1,2,2-Tetrachloroethane

Concen: 45.360 ug/l

RT: 11.71 min Scan# 1123

Delta R.T. 0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Instrument :

MSVOA\_F

ClientSampleId :

S72-0050MS

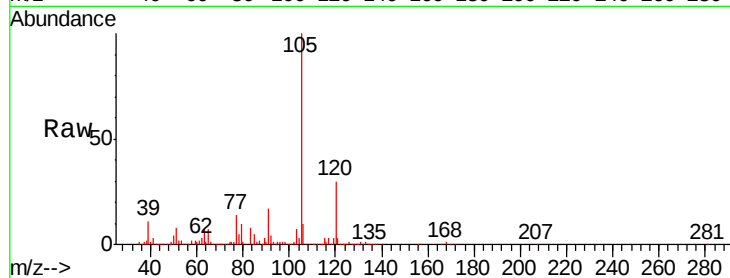
Tgt Ion: 83 Resp: 81138

Ion Ratio Lower Upper

83 100

131 9.5 4.8 14.3

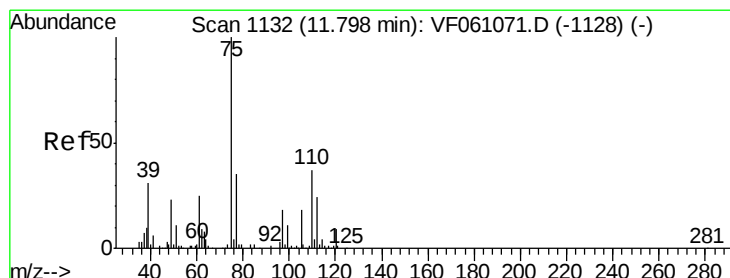
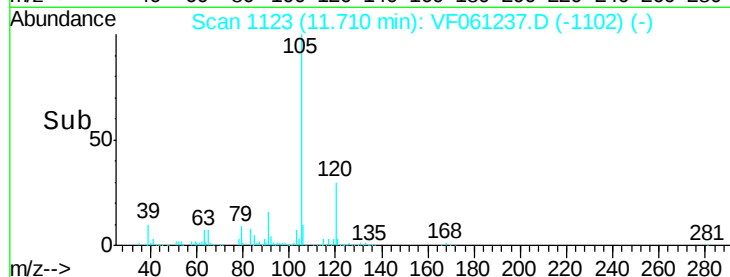
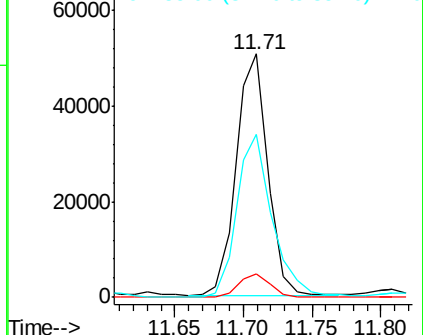
85 66.9 33.9 101.6



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: 57.810 ug/l

RT: 11.81 min Scan# 1133

Delta R.T. 0.01 min

Lab File: VF061237.D

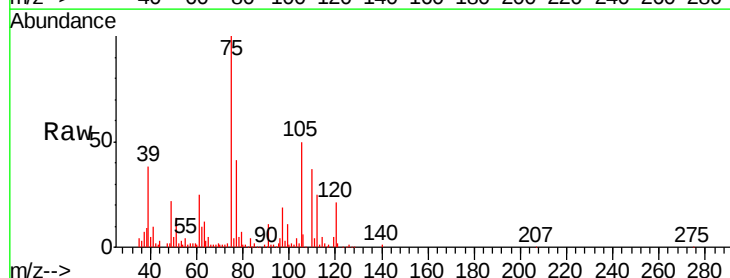
Acq: 28 Dec 2018 15:49

Tgt Ion: 75 Resp: 76956

Ion Ratio Lower Upper

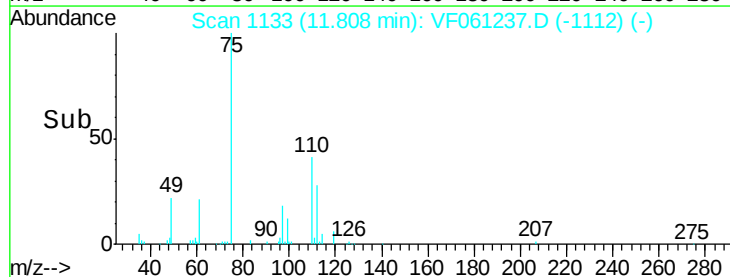
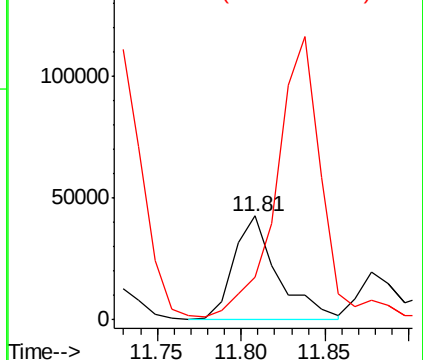
75 100

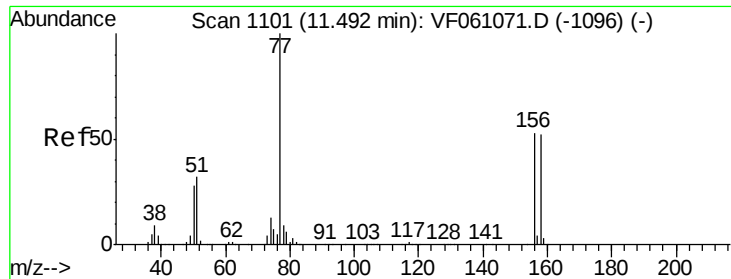
77 41.0 17.6 52.9



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 77.00 (76.70 to 77.70): VF0





#77

Bromobenzene

Concen: 51.689 ug/l

RT: 11.50 min Scan# 1102

Delta R.T. 0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Instrument :

MSVOA\_F

ClientSampleId :

S72-0050MS

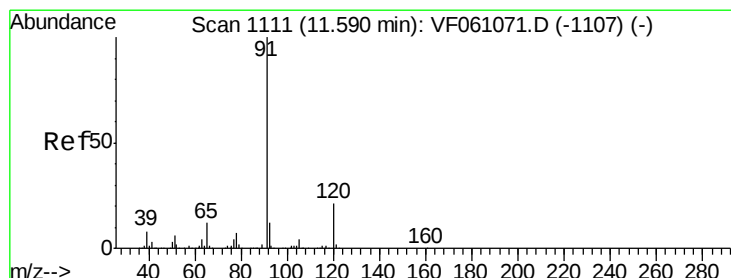
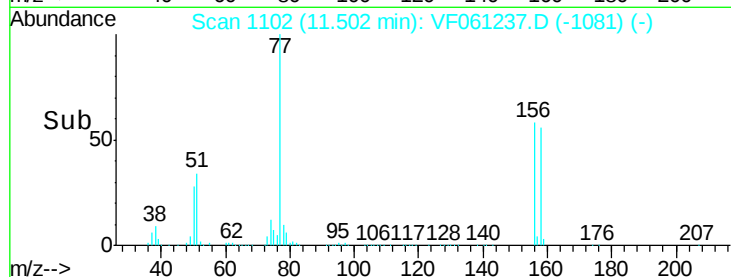
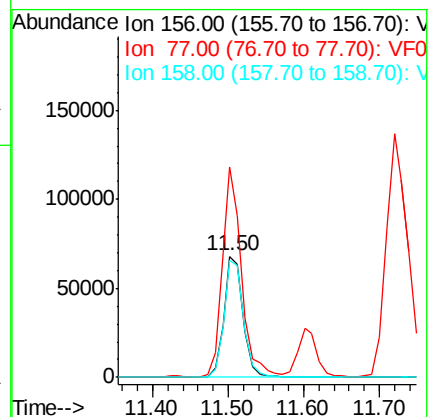
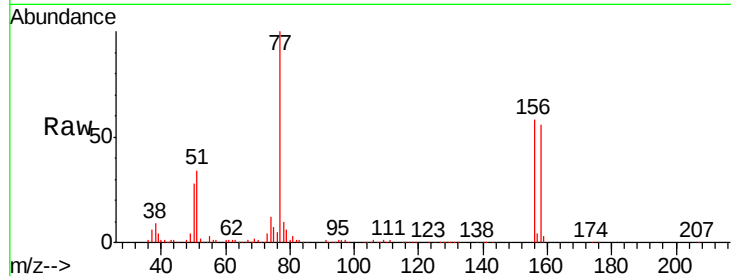
Tgt Ion:156 Resp: 119923

Ion Ratio Lower Upper

156 100

77 173.6 93.8 281.4

158 97.0 48.9 146.8



#78

n-propylbenzene

Concen: Below Cal

RT: 11.60 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VF061237.D

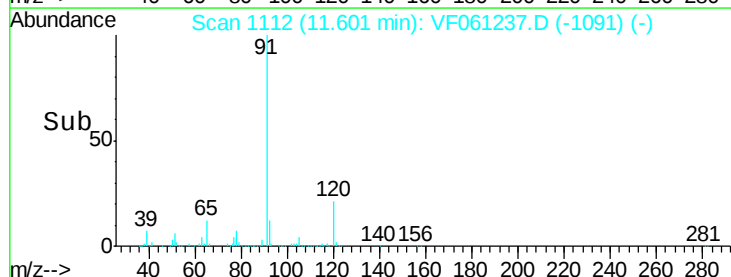
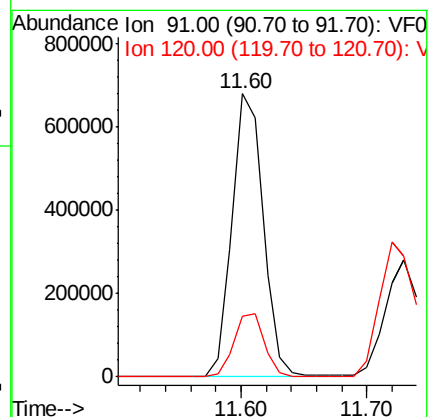
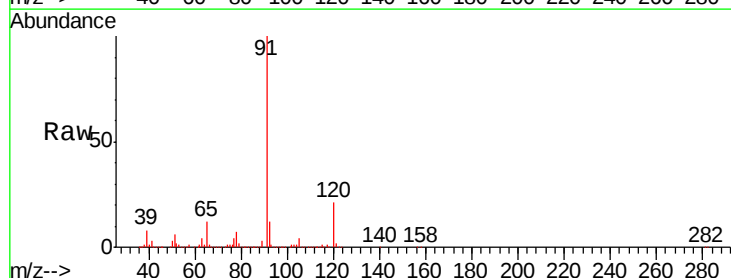
Acq: 28 Dec 2018 15:49

Tgt Ion: 91 Resp: 1160594

Ion Ratio Lower Upper

91 100

120 21.4 10.4 31.2

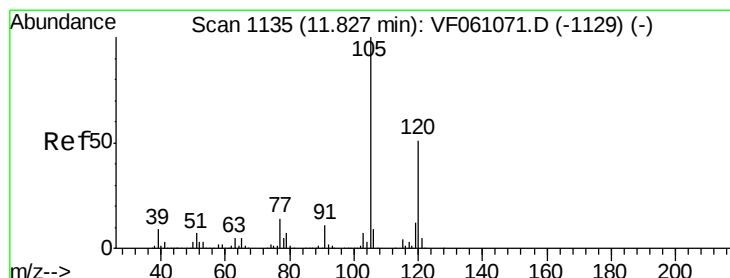
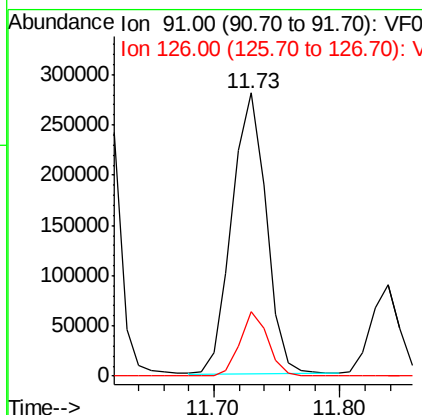
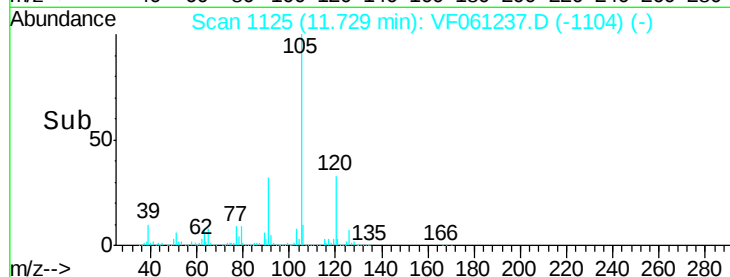
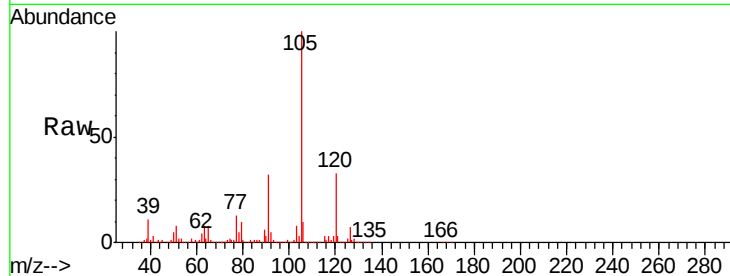




#79  
 2-Chlorotoluene  
 Concen: 71.315 ug/l  
 RT: 11.73 min Scan# 1125  
 Delta R.T. 0.01 min  
 Lab File: VF061237.D  
 Acq: 28 Dec 2018 15:49

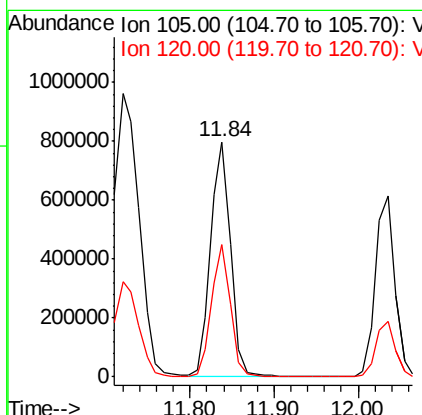
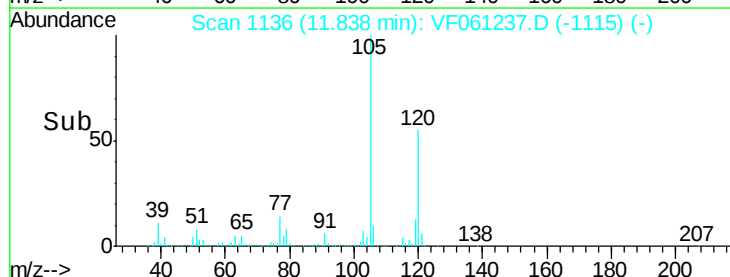
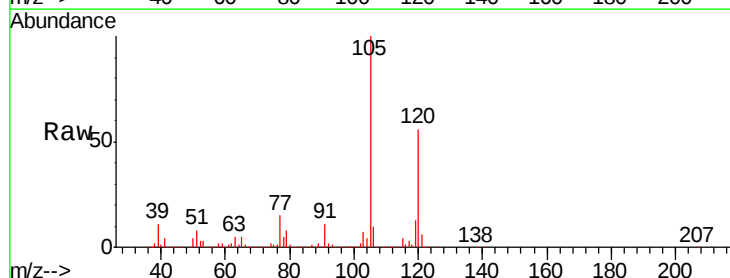
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 S72-0050MS

Tgt Ion: 91 Resp: 527271  
 Ion Ratio Lower Upper  
 91 100  
 126 22.9 16.4 49.1



#80  
 1,3,5-Trimethylbenzene  
 Concen: 147.644 ug/l  
 RT: 11.84 min Scan# 1136  
 Delta R.T. 0.01 min  
 Lab File: VF061237.D  
 Acq: 28 Dec 2018 15:49

Tgt Ion: 105 Resp: 1310295  
 Ion Ratio Lower Upper  
 105 100  
 120 56.2 25.4 76.4





#81

trans-1,4-Dichloro-2-butene

Concen: 70.602 ug/l

RT: 11.88 min Scan# 1140

Delta R.T. 0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Instrument :

MSVOA\_F

ClientSampleId :

S72-0050MS

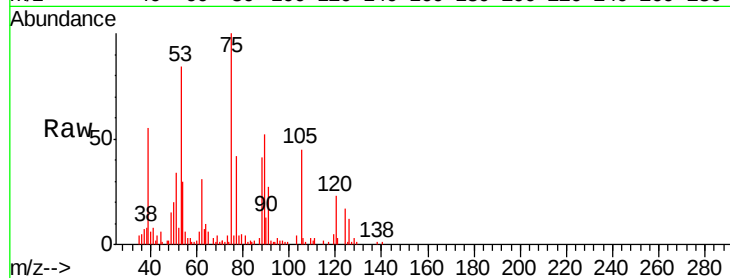
Tgt Ion: 75 Resp: 40386

Ion Ratio Lower Upper

75 100

53 83.7 74.1 111.1

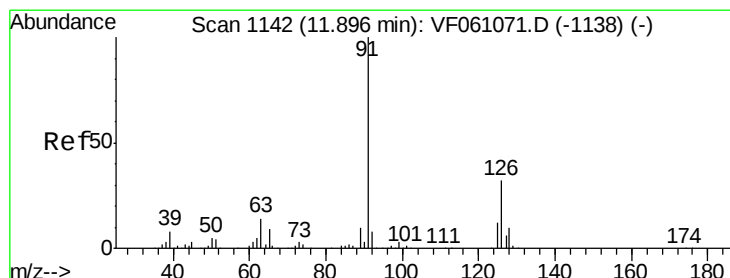
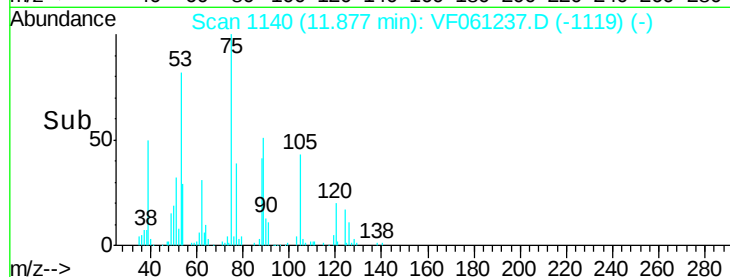
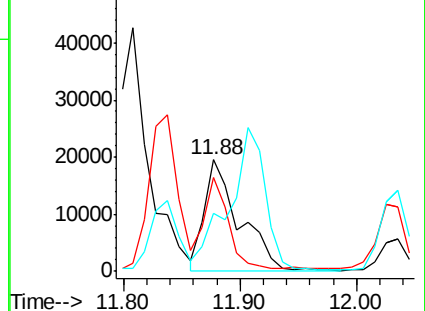
89 51.6 42.6 64.0



Abundance Ion 75.00 (74.70 to 75.70): VF0

Ion 53.00 (52.70 to 53.70): VF0

Ion 89.00 (88.70 to 89.70): VF0



#82

4-Chlorotoluene

Concen: 46.501 ug/l

RT: 11.91 min Scan# 1143

Delta R.T. 0.01 min

Lab File: VF061237.D

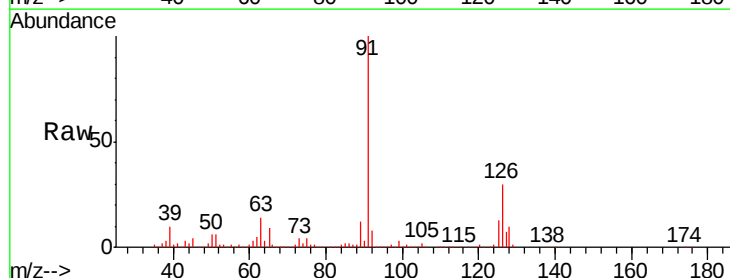
Acq: 28 Dec 2018 15:49

Tgt Ion: 91 Resp: 355663

Ion Ratio Lower Upper

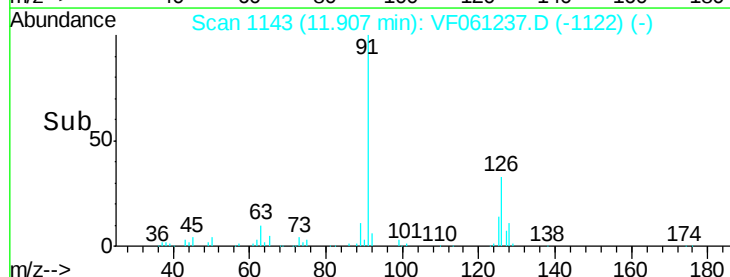
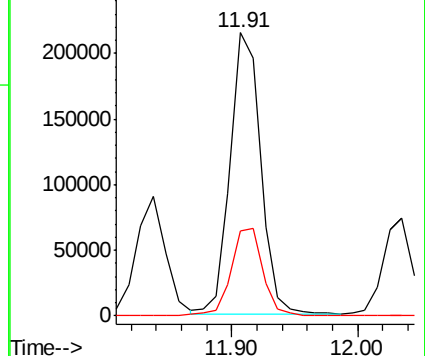
91 100

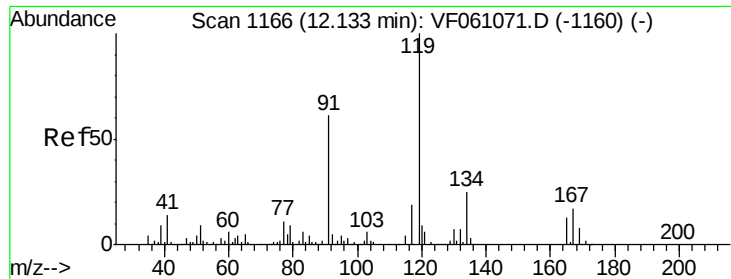
126 29.8 16.0 47.9



Abundance Ion 91.00 (90.70 to 91.70): VF0

Ion 126.00 (125.70 to 126.70): V

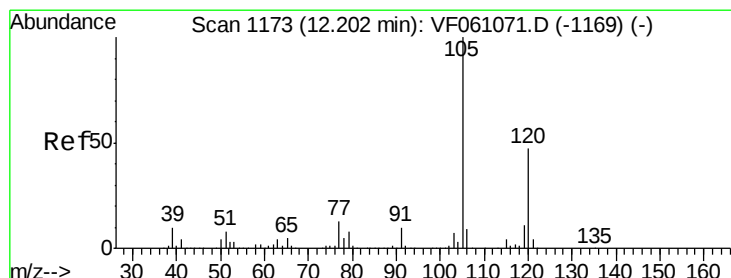
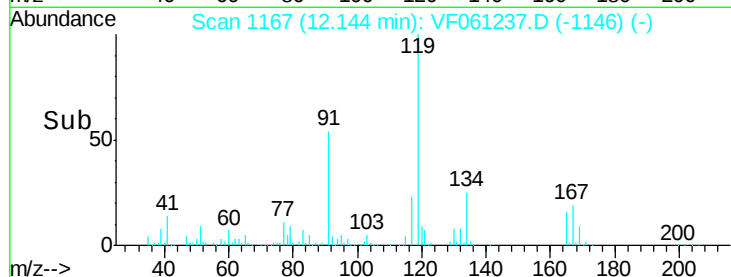
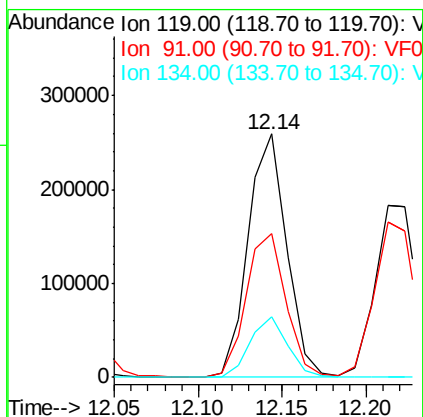
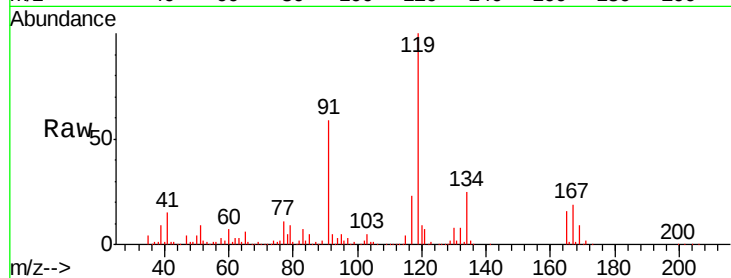




#83  
tert-Butylbenzene  
Concen: 45.144 ug/l  
RT: 12.14 min Scan# 1167  
Delta R.T. 0.01 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

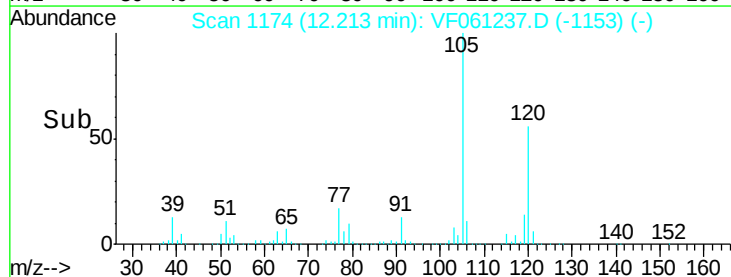
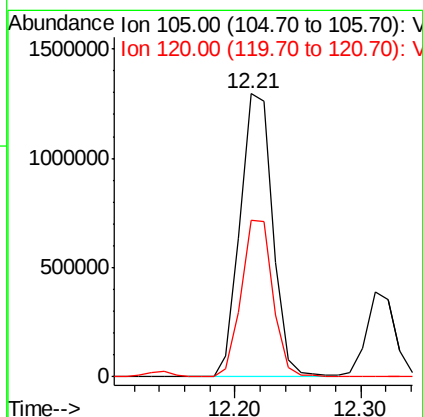
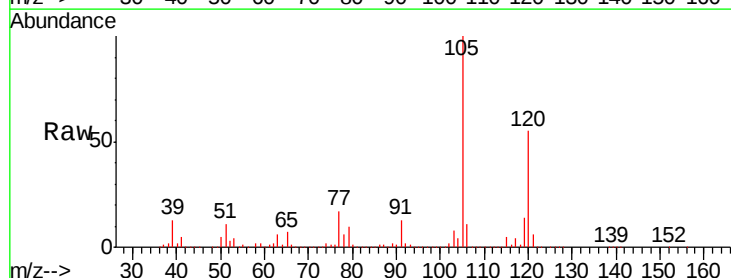
Instrument :  
MSVOA\_F  
ClientSampleId :  
S72-0050MS

Tgt Ion:119 Resp: 412270  
Ion Ratio Lower Upper  
119 100  
91 59.0 30.5 91.5  
134 24.8 12.4 37.4



#84  
1,2,4-Trimethylbenzene  
Concen: 263.068 ug/l  
RT: 12.21 min Scan# 1174  
Delta R.T. 0.01 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

Tgt Ion:105 Resp: 2328136  
Ion Ratio Lower Upper  
105 100  
120 55.2 23.6 71.0

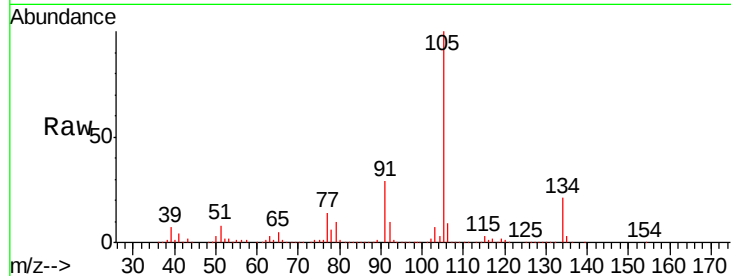




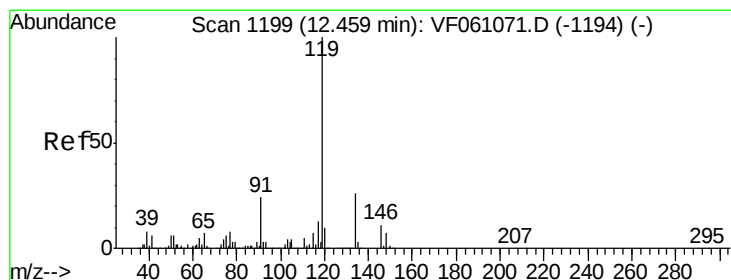
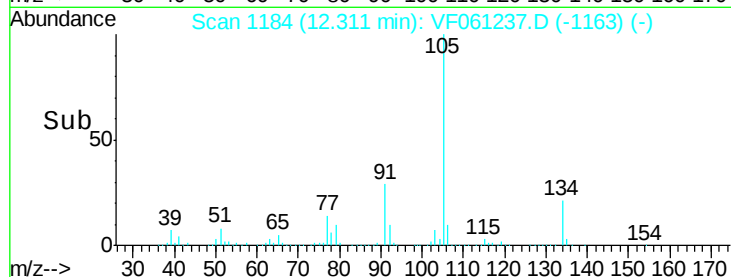
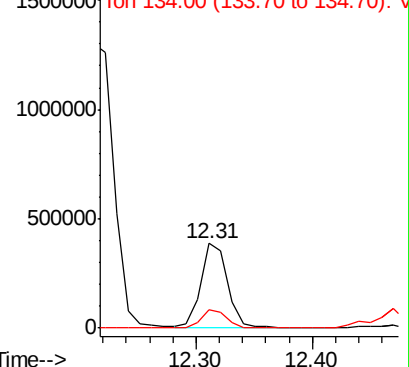
#85  
 sec-Butylbenzene  
 Concen: 51.130 ug/l  
 RT: 12.31 min Scan# 1184  
 Delta R.T. 0.01 min  
 Lab File: VF061237.D  
 Acq: 28 Dec 2018 15:49

Instrument :  
 MSVOA\_F  
 ClientSampleID :  
 S72-0050MS

Tgt Ion:105 Resp: 609354  
 Ion Ratio Lower Upper  
 105 100  
 134 21.3 9.4 28.2

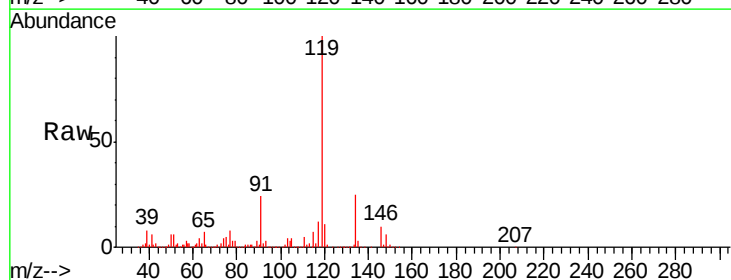


Abundance Ion 105.00 (104.70 to 105.70): V  
 Ion 134.00 (133.70 to 134.70): V

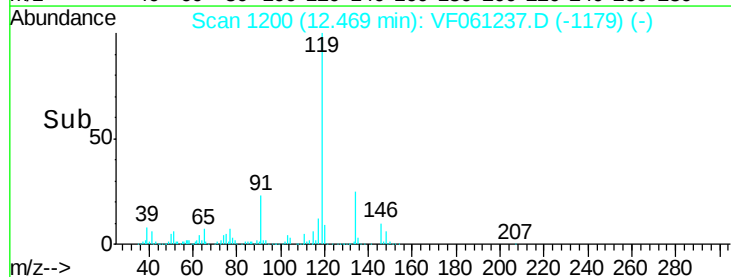
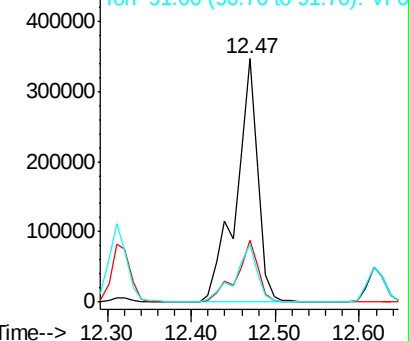


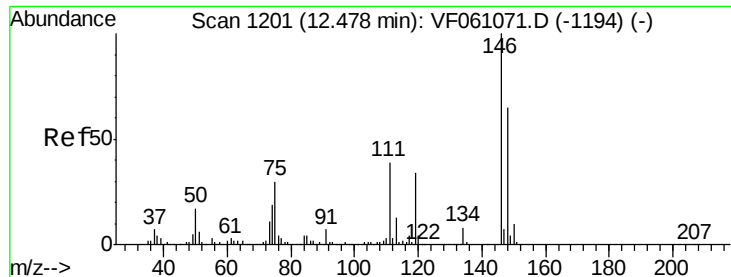
#86  
 p-Isopropyltoluene  
 Concen: 63.946 ug/l  
 RT: 12.47 min Scan# 1200  
 Delta R.T. 0.01 min  
 Lab File: VF061237.D  
 Acq: 28 Dec 2018 15:49

Tgt Ion:119 Resp: 632567  
 Ion Ratio Lower Upper  
 119 100  
 134 25.3 12.8 38.4  
 91 23.7 12.2 36.6



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





#87

1,3-Dichlorobenzene

Concen: 58.609 ug/l

RT: 12.49 min Scan# 1202

Delta R.T. 0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Instrument :

MSVOA\_F

ClientSampleId :

S72-0050MS

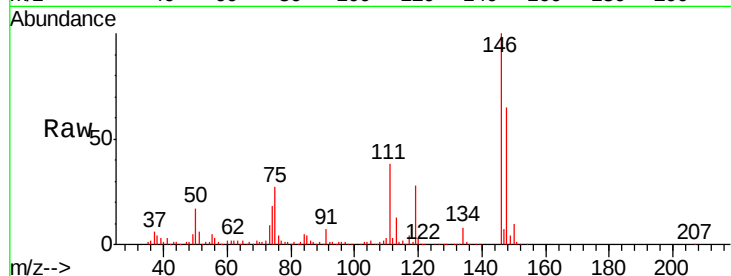
Tgt Ion:146 Resp: 218405

Ion Ratio Lower Upper

146 100

111 38.5 19.3 57.9

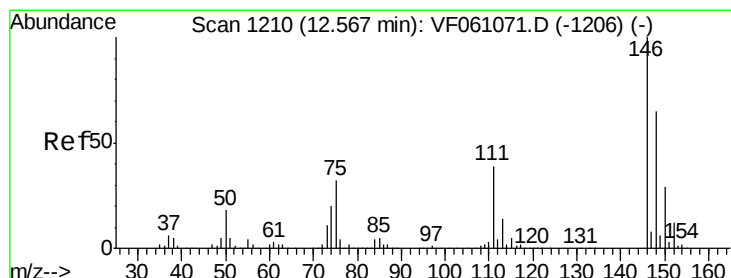
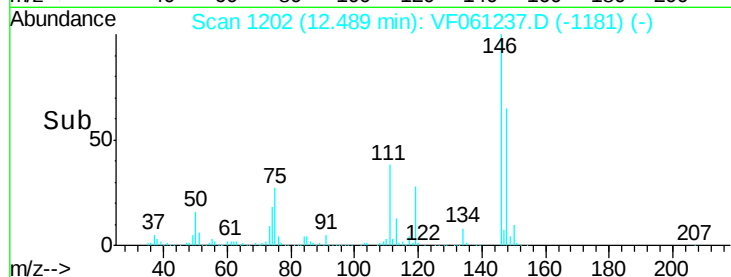
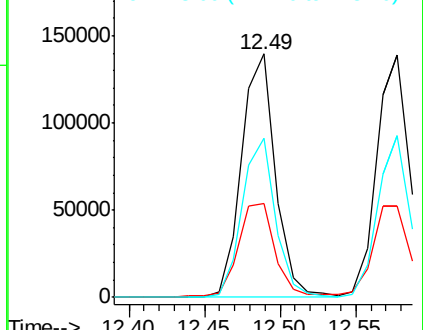
148 65.4 32.4 97.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V



#88

1,4-Dichlorobenzene

Concen: 51.016 ug/l

RT: 12.58 min Scan# 1211

Delta R.T. 0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

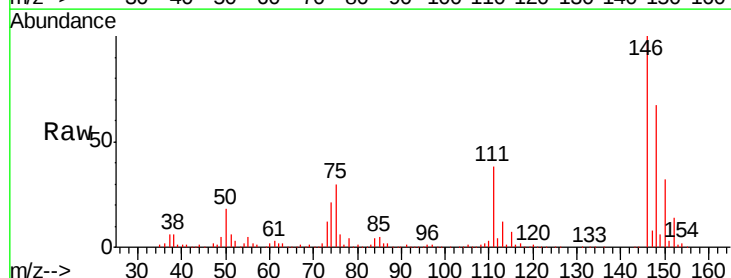
Tgt Ion:146 Resp: 217339

Ion Ratio Lower Upper

146 100

111 37.6 19.4 58.4

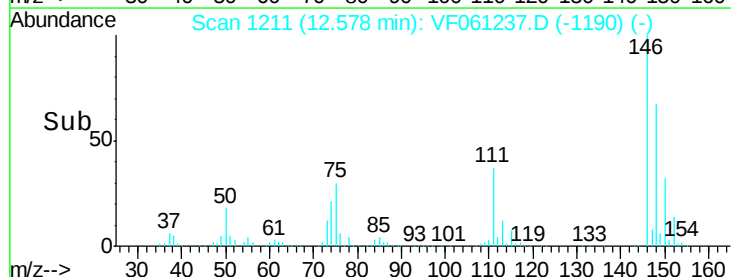
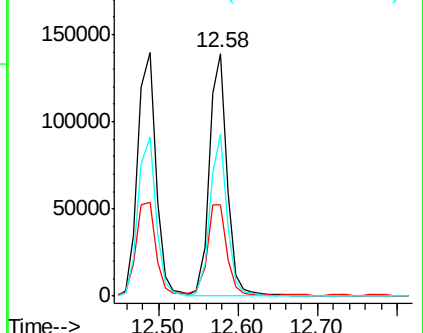
148 66.6 32.4 97.0

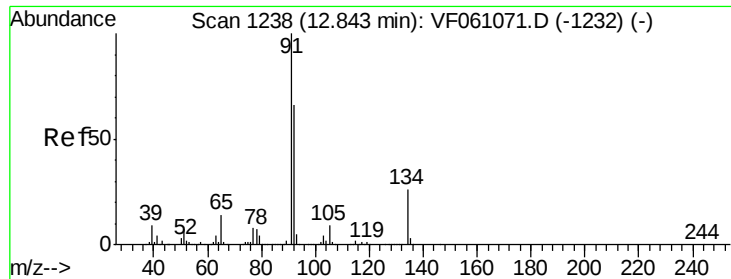


Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

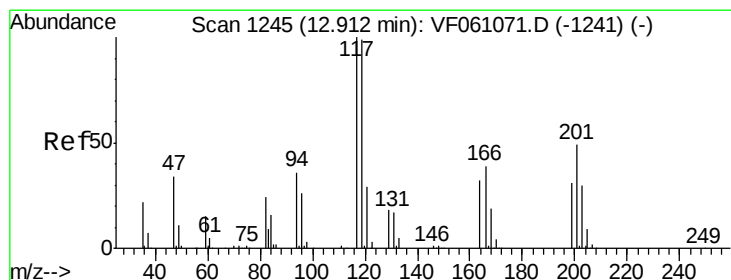
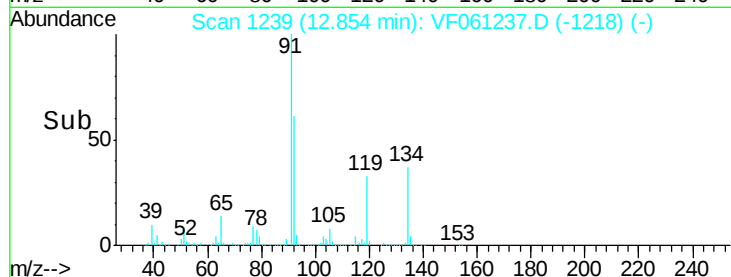
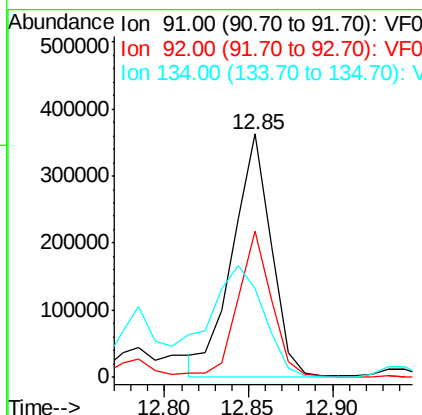
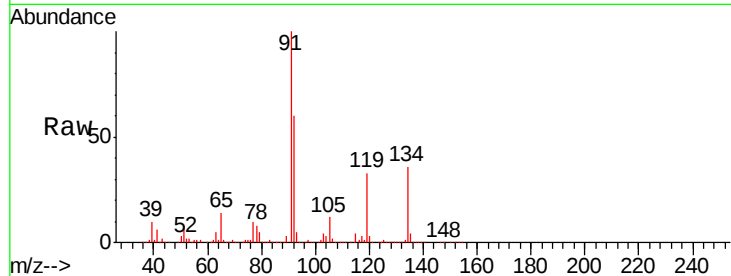




#89  
n-Butylbenzene  
Concen: 60.662 ug/l  
RT: 12.85 min Scan# 1239  
Delta R.T. 0.01 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

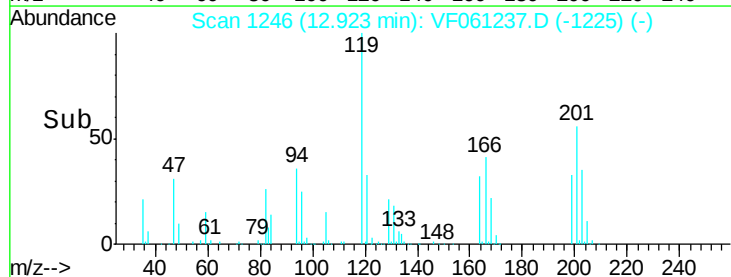
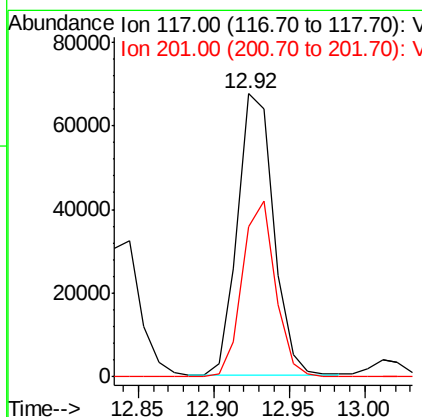
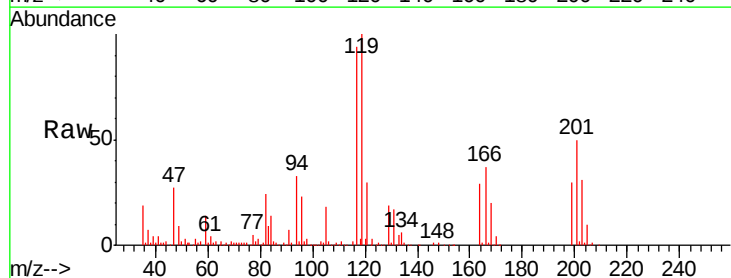
Instrument :  
MSVOA\_F  
ClientSampleId :  
S72-0050MS

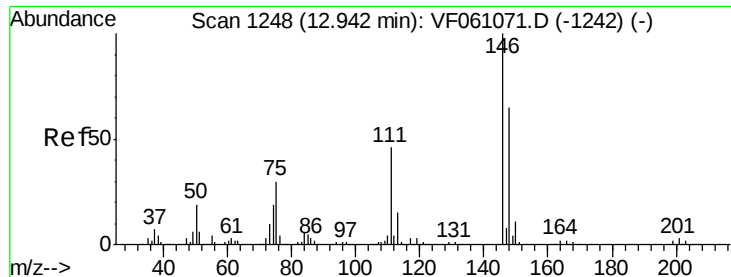
Tgt Ion: 91 Resp: 575478  
Ion Ratio Lower Upper  
91 100  
92 60.3 32.8 98.4  
134 36.3 13.2 39.5



#90  
Hexachloroethane  
Concen: 45.840 ug/l  
RT: 12.92 min Scan# 1246  
Delta R.T. 0.01 min  
Lab File: VF061237.D  
Acq: 28 Dec 2018 15:49

Tgt Ion: 117 Resp: 112033  
Ion Ratio Lower Upper  
117 100  
201 53.2 24.9 74.8

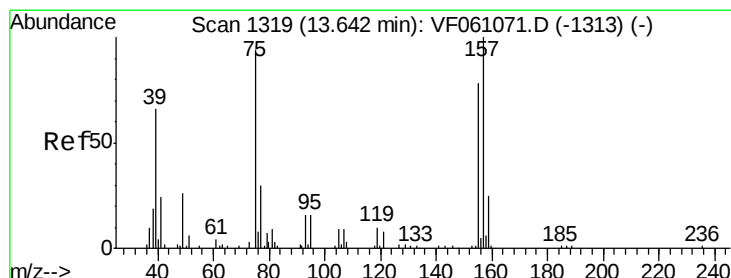
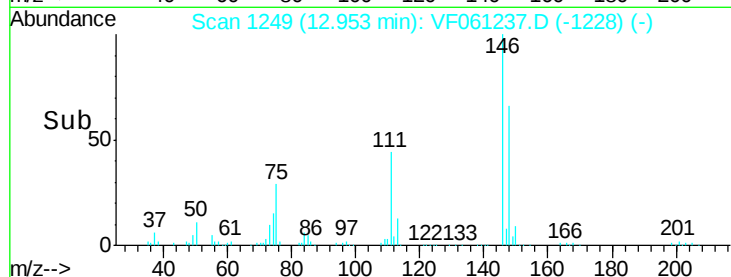
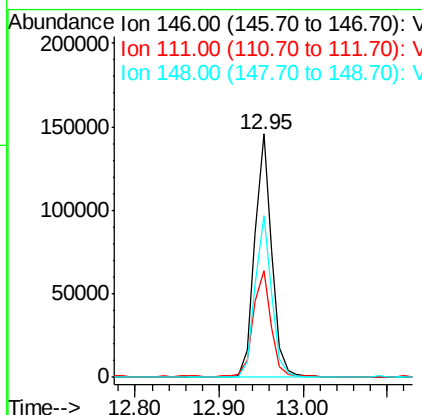
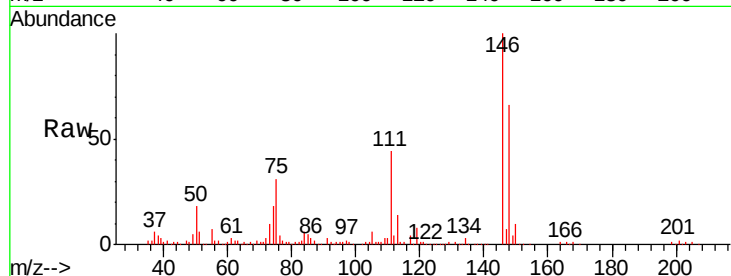




#91  
 1,2-Dichlorobenzene  
 Concen: 50.224 ug/l  
 RT: 12.95 min Scan# 1249  
 Delta R.T. 0.01 min  
 Lab File: VF061237.D  
 Acq: 28 Dec 2018 15:49

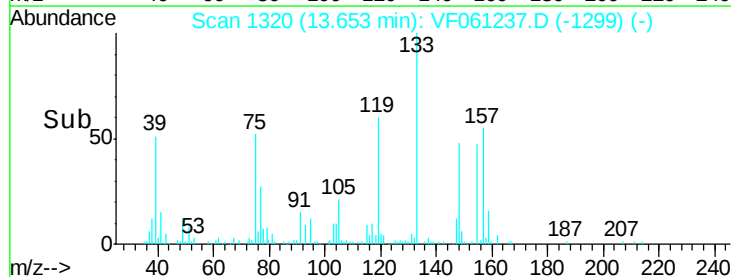
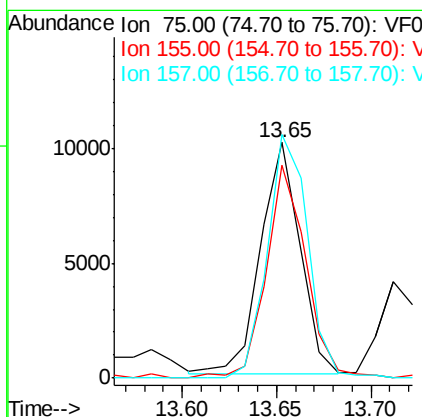
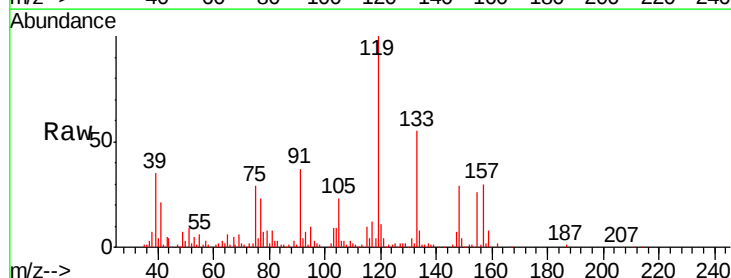
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 S72-0050MS

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 43.9  | 23.2  | 69.5  |
| 148     | 66.3  | 32.4  | 97.0  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 44.479 ug/l  
 RT: 13.65 min Scan# 1320  
 Delta R.T. 0.01 min  
 Lab File: VF061237.D  
 Acq: 28 Dec 2018 15:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 90.4  | 41.5  | 124.5 |
| 157     | 103.3 | 53.2  | 159.6 |

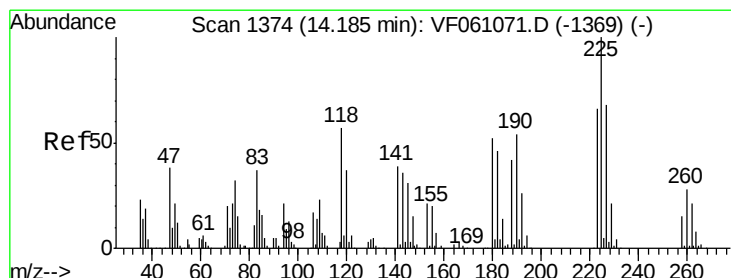
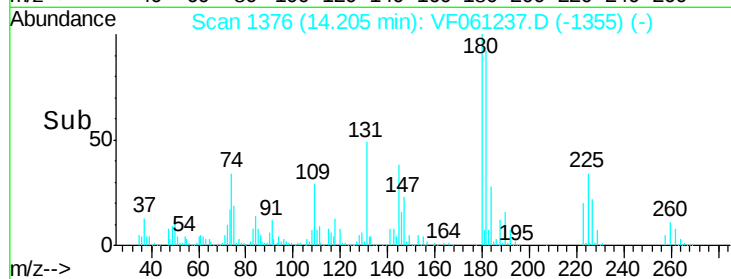
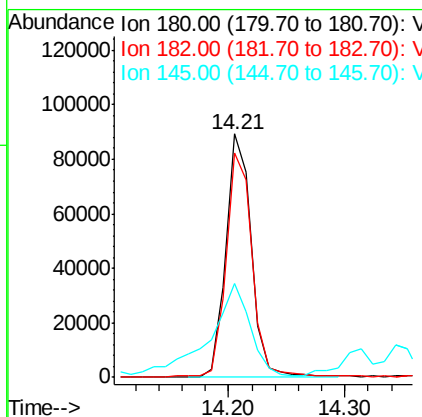
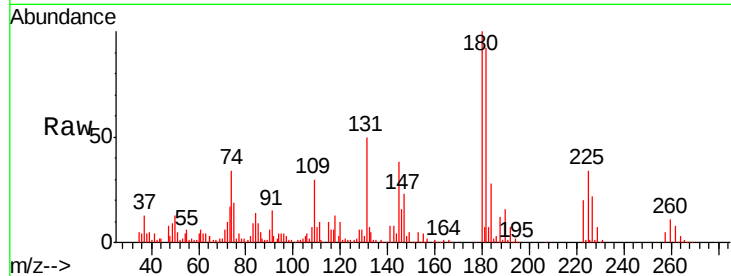




#93  
 1,2,4-Trichlorobenzene  
 Concen: 45.950 ug/l  
 RT: 14.21 min Scan# 1376  
 Delta R.T. 0.01 min  
 Lab File: VF061237.D  
 Acq: 28 Dec 2018 15:49

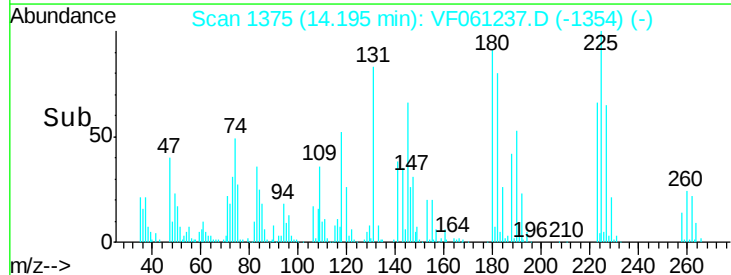
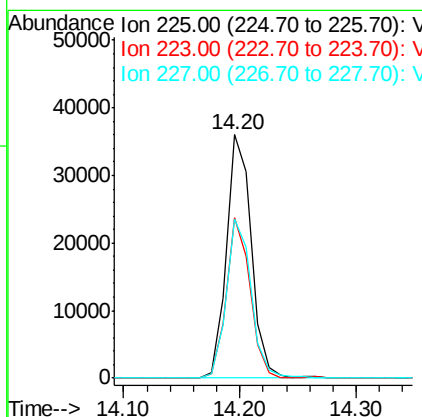
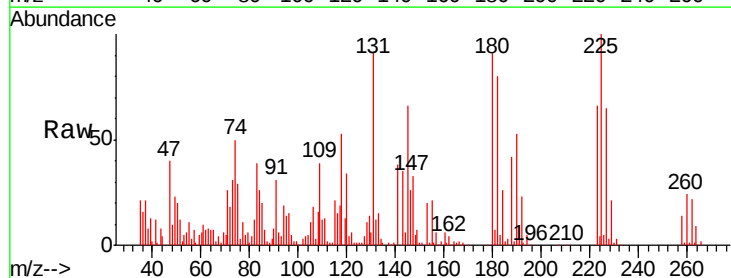
Instrument :  
 MSVOA\_F  
 ClientSampleId :  
 S72-0050MS

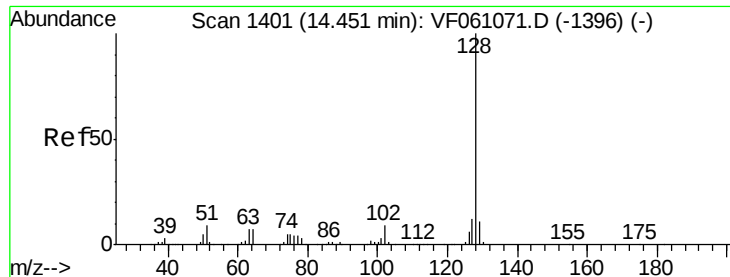
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.3  | 46.9  | 140.6 |
| 145     | 38.5  | 20.5  | 61.6  |



#94  
 Hexachlorobutadiene  
 Concen: 28.308 ug/l  
 RT: 14.20 min Scan# 1375  
 Delta R.T. 0.01 min  
 Lab File: VF061237.D  
 Acq: 28 Dec 2018 15:49

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 66.0  | 32.8  | 98.3  |
| 227     | 65.4  | 34.0  | 101.8 |





#95

Naphthalene

Concen: 94.842 ug/l

RT: 14.46 min Scan# 1402

Delta R.T. 0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

Instrument :

MSVOA\_F

ClientSampleId :

S72-0050MS

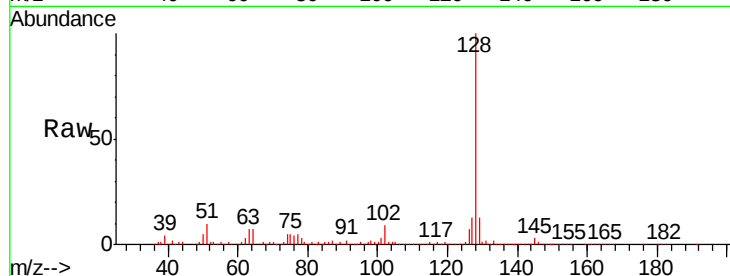
Tgt Ion:128 Resp: 509429

Ion Ratio Lower Upper

128 100

127 12.8 9.4 14.2

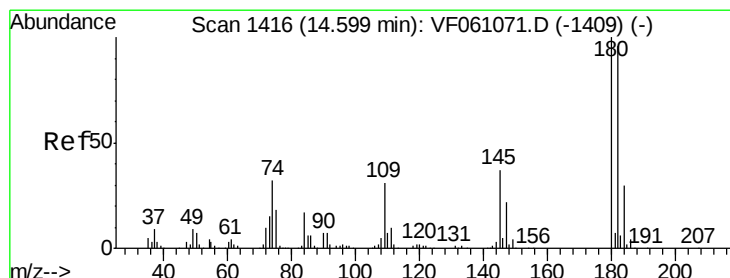
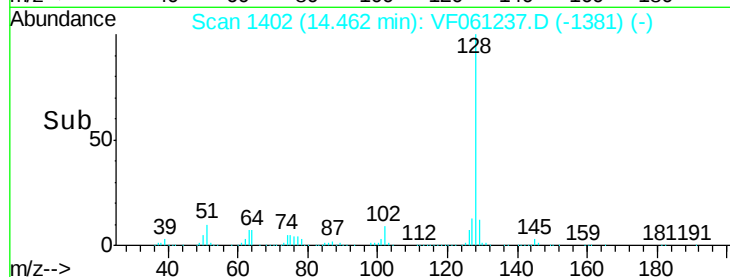
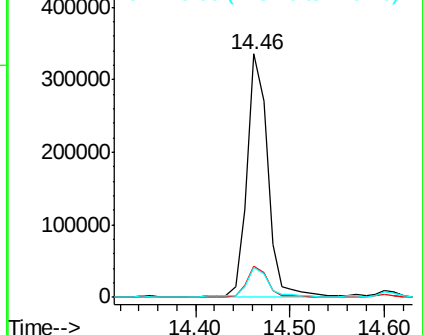
129 12.5 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 45.178 ug/l

RT: 14.61 min Scan# 1417

Delta R.T. 0.01 min

Lab File: VF061237.D

Acq: 28 Dec 2018 15:49

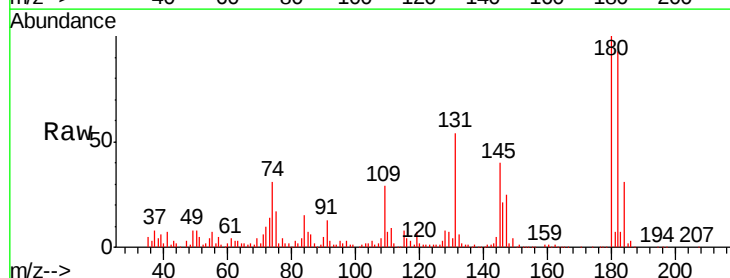
Tgt Ion:180 Resp: 122852

Ion Ratio Lower Upper

180 100

182 93.4 47.9 143.8

145 40.0 18.6 55.8



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

