

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071619\  
 Data File : VX010911.D  
 Acq On : 16 Jul 2019 17:05  
 Operator : JC/SP  
 Sample : VX0716WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0716WBS01

Quant Time: Jul 17 05:02:51 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071619W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 17 04:37:55 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 217455   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 328886   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 297996   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 151301   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units   | Dev(Min) |
|-----------------------------|-------|------|----------|-------|---------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 113642   | 49.12 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 98.24%  |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 102428   | 49.07 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 98.14%  |          |
| 50) Toluene-d8              | 8.71  | 98   | 393004   | 50.20 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 100.40% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 140836   | 48.94 | ug/l    | 0.00     |
| Spiked Amount               |       |      |          |       |         |          |
|                             |       |      | Recovery | =     | 97.88%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc   | Units | Qvalue |
|-------------------------------|------|------|----------|--------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 46877    | 20.542 | ug/l  | 99     |
| 3) Chloromethane              | 1.33 | 50   | 41893    | 20.950 | ug/l  | 99     |
| 4) Vinyl Chloride             | 1.41 | 62   | 42194    | 20.686 | ug/l  | 100    |
| 5) Bromomethane               | 1.64 | 94   | 26714    | 23.241 | ug/l  | 100    |
| 6) Chloroethane               | 1.73 | 64   | 27622    | 21.310 | ug/l  | 97     |
| 7) Trichlorofluoromethane     | 1.93 | 101  | 69205    | 20.044 | ug/l  | 99     |
| 8) Diethyl Ether              | 2.19 | 74   | 23461    | 19.722 | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.39 | 101  | 39840    | 20.209 | ug/l  | 96     |
| 10) Methyl Iodide             | 2.51 | 142  | 44268    | 17.111 | ug/l  | 99     |
| 11) Tert butyl alcohol        | 3.04 | 59   | 50542    | 93.811 | ug/l  | 98     |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 39494    | 20.390 | ug/l  | 98     |
| 13) Acrolein                  | 2.29 | 56   | 27284    | 87.651 | ug/l  | 97     |
| 14) Allyl chloride            | 2.73 | 41   | 55085    | 19.579 | ug/l  | 100    |
| 15) Acrylonitrile             | 3.14 | 53   | 107261   | 98.524 | ug/l  | 99     |
| 16) Acetone                   | 2.44 | 43   | 92537    | 88.566 | ug/l  | 100    |
| 17) Carbon Disulfide          | 2.57 | 76   | 96324    | 19.387 | ug/l  | 98     |
| 18) Methyl Acetate            | 2.78 | 43   | 44566    | 18.732 | ug/l  | 100    |
| 19) Methyl tert-butyl Ether   | 3.20 | 73   | 123653   | 19.831 | ug/l  | 99     |
| 20) Methylene Chloride        | 2.86 | 84   | 43879    | 19.817 | ug/l  | 97     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96   | 40905    | 19.903 | ug/l  | 97     |
| 22) Diisopropyl ether         | 3.85 | 45   | 119701   | 20.173 | ug/l  | 97     |
| 23) Vinyl Acetate             | 3.81 | 43   | 501386   | 99.726 | ug/l  | 98     |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 68014    | 19.737 | ug/l  | 99     |
| 25) 2-Butanone                | 4.67 | 43   | 144841   | 96.570 | ug/l  | 98     |
| 26) 2,2-Dichloropropane       | 4.59 | 77   | 51059    | 18.045 | ug/l  | 98     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96   | 47136    | 19.817 | ug/l  | 96     |
| 28) Bromochloromethane        | 5.01 | 49   | 28397    | 17.487 | ug/l  | 99     |
| 29) Tetrahydrofuran           | 5.13 | 42   | 93744    | 98.671 | ug/l  | 99     |
| 30) Chloroform                | 5.21 | 83   | 71890    | 19.300 | ug/l  | 99     |
| 31) Cyclohexane               | 5.58 | 56   | 61139    | 19.465 | ug/l  | 97     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97   | 62310    | 19.336 | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 5.80 | 75   | 53502    | 19.805 | ug/l  | 98     |
| 37) Ethyl Acetate             | 4.84 | 43   | 55140    | 19.933 | ug/l  | 97     |
| 38) Carbon Tetrachloride      | 5.78 | 117  | 53340    | 18.948 | ug/l  | 99     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071619\  
 Data File : VX010911.D  
 Acq On : 16 Jul 2019 17:05  
 Operator : JC/SP  
 Sample : VX0716WBS01  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0716WBS01

Quant Time: Jul 17 05:02:51 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071619W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Jul 17 04:37:55 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 67128    | 19.161  | ug/l   | 99       |
| 40) Benzene                    | 6.14  | 78   | 162735   | 19.665  | ug/l   | 100      |
| 41) Methacrylonitrile          | 5.04  | 41   | 30784    | 19.603  | ug/l   | 96       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 56195    | 19.531  | ug/l   | 100      |
| 43) Isopropyl Acetate          | 6.45  | 43   | 86157    | 18.942  | ug/l   | 100      |
| 44) Trichloroethene            | 7.21  | 130  | 46908    | 19.150  | ug/l   | 97       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 41140    | 19.533  | ug/l   | 97       |
| 46) Dibromomethane             | 7.66  | 93   | 29106    | 19.339  | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.90  | 83   | 52034    | 19.422  | ug/l   | 97       |
| 48) Methyl methacrylate        | 7.77  | 41   | 42113    | 19.005  | ug/l   | 100      |
| 49) 1,4-Dioxane                | 7.74  | 88   | 24381    | 393.356 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 290188   | 98.417  | ug/l   | 100      |
| 52) Toluene                    | 8.78  | 92   | 105544   | 19.415  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 52949    | 18.381  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 61174    | 19.084  | ug/l   | 98       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 44270    | 19.778  | ug/l   | 97       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 63651    | 19.440  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 68852    | 19.390  | ug/l   | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 155521   | 99.504  | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.49  | 43   | 226121   | 98.875  | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.58  | 129  | 42673    | 18.255  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 47072    | 19.816  | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 46596    | 19.876  | ug/l   | 97       |
| 65) Chlorobenzene              | 10.13 | 112  | 118599   | 19.377  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 41112    | 19.112  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 202130   | 19.402  | ug/l   | 97       |
| 68) m/p-Xylenes                | 10.36 | 106  | 155814   | 38.990  | ug/l   | 98       |
| 69) o-Xylene                   | 10.69 | 106  | 76596    | 19.639  | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 127040   | 19.540  | ug/l   | 99       |
| 71) Bromoform                  | 10.85 | 173  | 30691    | 17.420  | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 204727   | 20.025  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 76323    | 19.539  | ug/l   | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 67329    | 20.124  | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 69959    | 25.623  | ug/l   | 85       |
| 77) Bromobenzene               | 11.26 | 156  | 53979    | 19.142  | ug/l   | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 222471   | 19.695  | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 133624   | 19.692  | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 169098   | 19.795  | ug/l   | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 17069    | 18.558  | ug/l   | 92       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 153578   | 19.445  | ug/l   | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 167053   | 19.909  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 171014   | 19.862  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 196101   | 19.945  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 178415   | 19.628  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 95642    | 19.543  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 97131    | 19.352  | ug/l   | 98       |
| 89) n-Butylbenzene             | 12.38 | 91   | 150575   | 19.363  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 26190    | 18.268  | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 97980    | 20.202  | ug/l   | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 13399    | 19.159  | ug/l   | 99       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071619\  
Data File : VX010911.D  
Acq On : 16 Jul 2019 17:05  
Operator : JC/SP  
Sample : VX0716WBS01  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 14 Sample Multiplier: 1

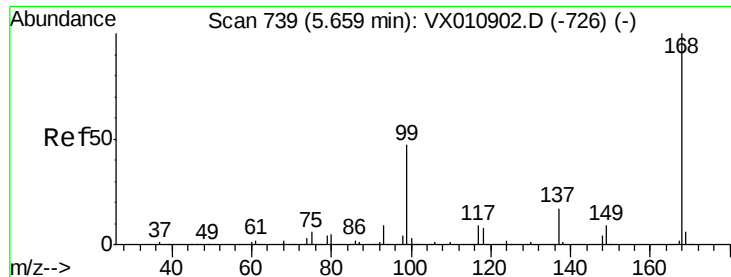
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0716WBS01

Quant Time: Jul 17 05:02:51 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X071619W.M  
Quant Title : SW846 8260  
QLast Update : Wed Jul 17 04:37:55 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 63737    | 19.391 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 31049    | 19.062 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 197189   | 20.316 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 65280    | 19.960 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

Instrument :

MSVOA\_X

ClientSampleId :

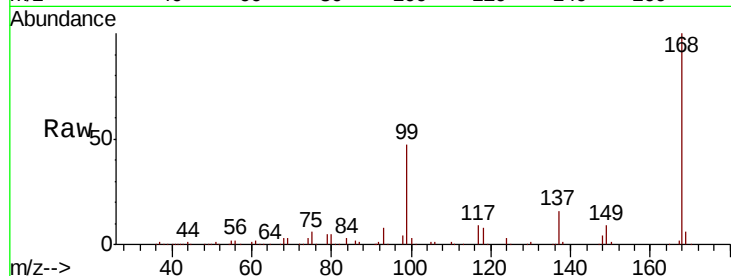
VX0716WBS01

Tot Ion:168 Resp: 217455

Ion Ratio Lower Upper

168 100

99 47.3 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

20000

0

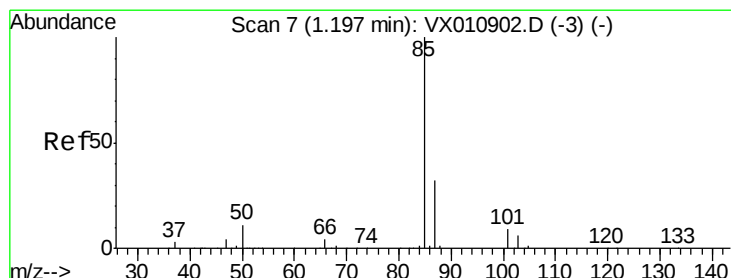
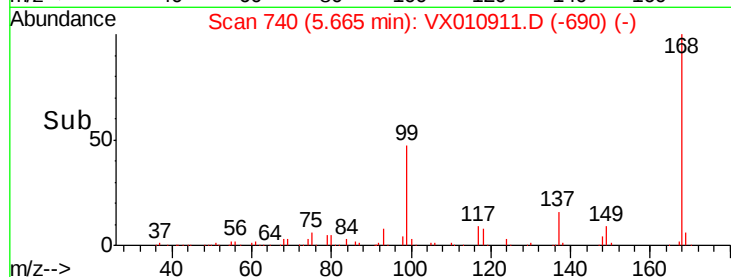
Time-->

5.50

5.60

5.70

5.80



#2

Dichlorodifluoromethane

Concen: 20.542 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010911.D

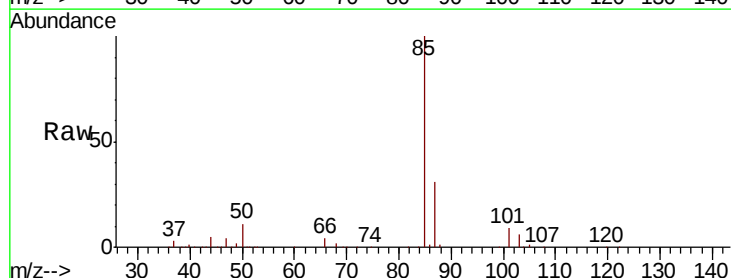
Acq: 16 Jul 2019 17:05

Tgt Ion: 85 Resp: 46877

Ion Ratio Lower Upper

85 100

87 31.2 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

20000

10000

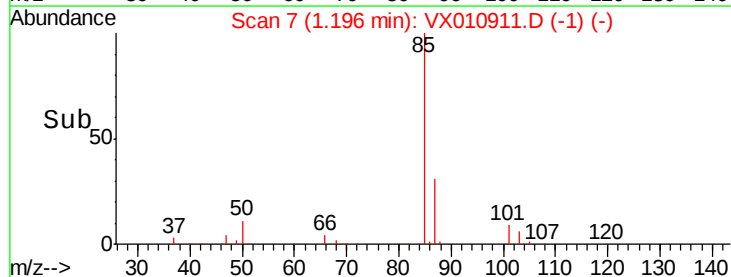
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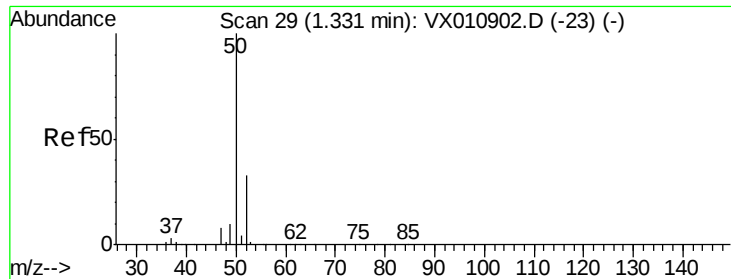
Time-->

1.15

1.20

1.25





#3

Chloromethane

Concen: 20.950 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

Instrument :

MSVOA\_X

ClientSampleId :

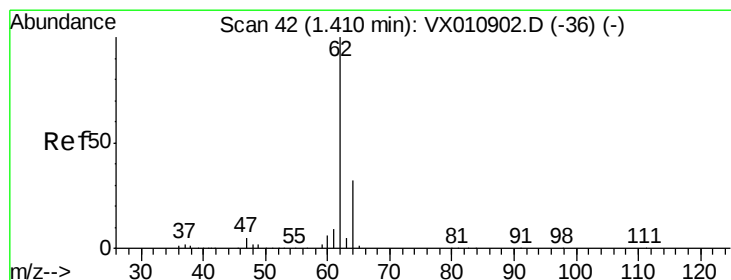
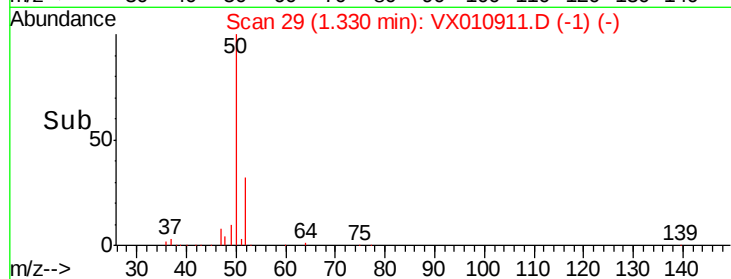
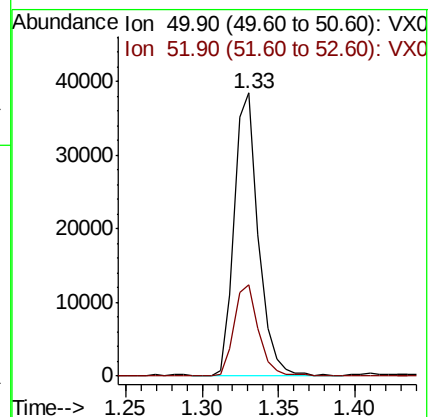
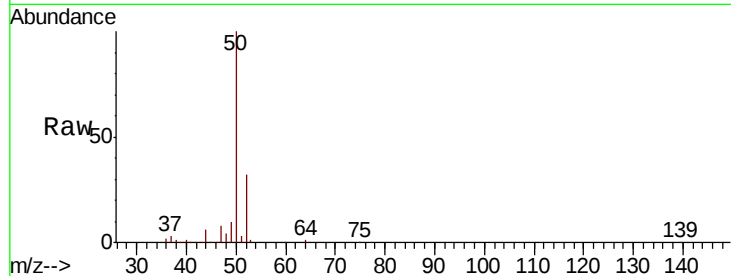
VX0716WBS01

Tot Ion: 50 Resp: 41893

Ion Ratio Lower Upper

50 100

52 32.3 26.4 39.6



#4

Vinyl Chloride

Concen: 20.686 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010911.D

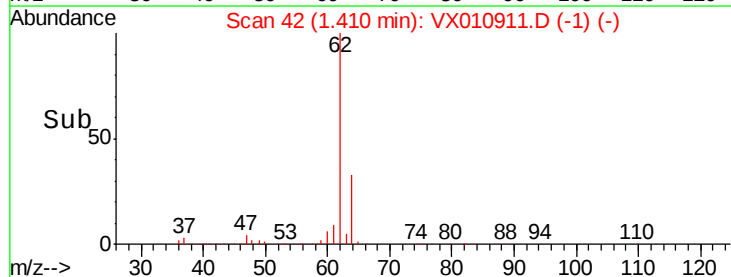
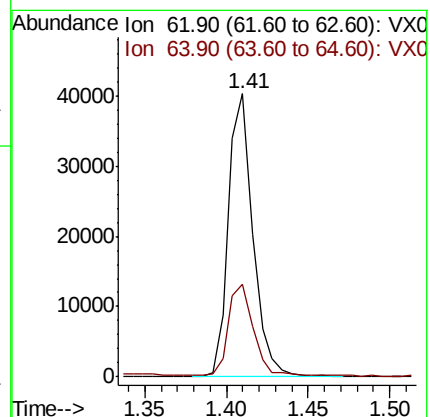
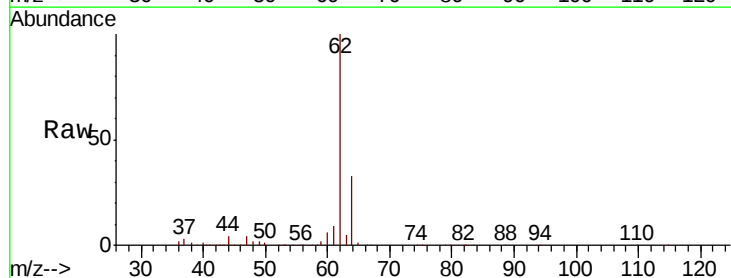
Acq: 16 Jul 2019 17:05

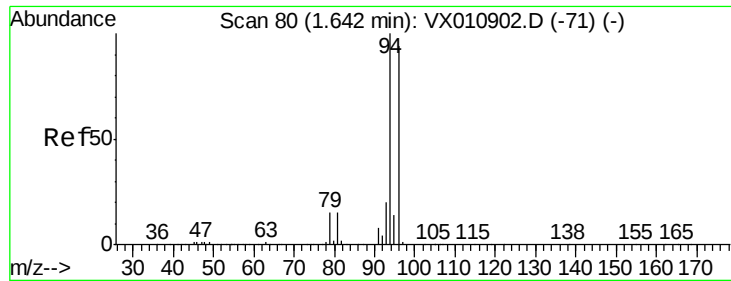
Tgt Ion: 62 Resp: 42194

Ion Ratio Lower Upper

62 100

64 32.3 25.7 38.5





#5

Bromomethane

Concen: 23.241 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

Instrument :

MSVOA\_X

ClientSampled :

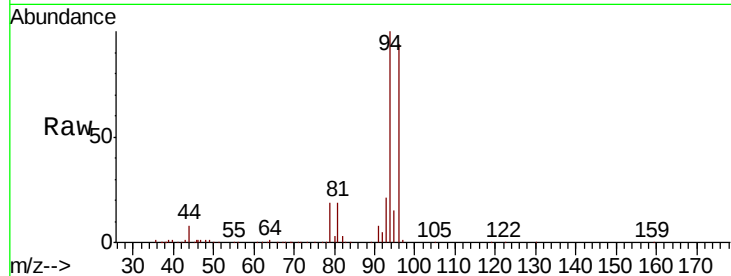
VX0716WBS01

Tot Ion: 94 Resp: 26714

Ion Ratio Lower Upper

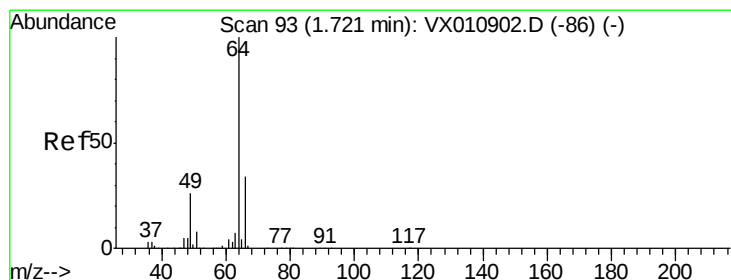
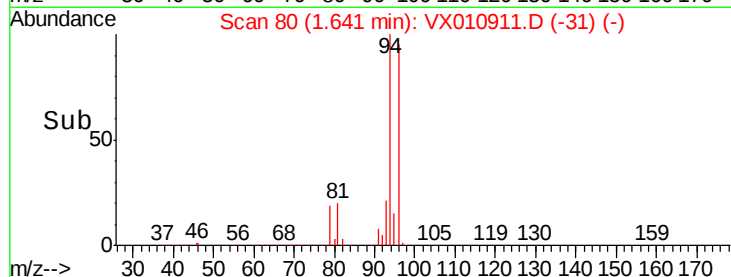
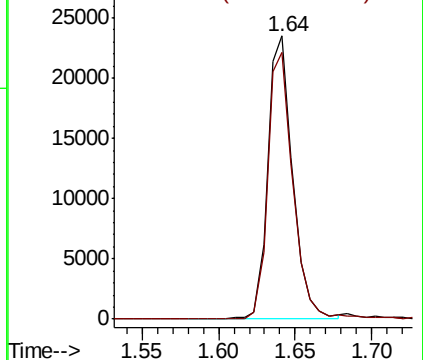
94 100

96 94.4 75.6 113.4



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.310 ug/l

RT: 1.73 min Scan# 94

Delta R.T. 0.01 min

Lab File: VX010911.D

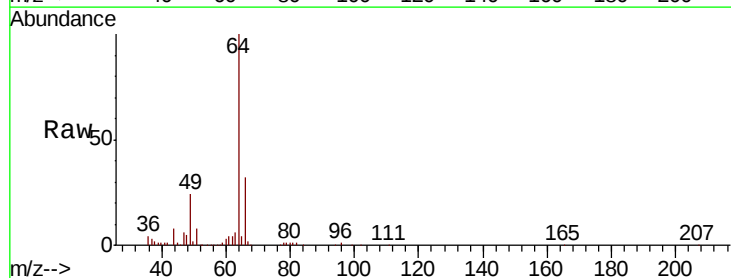
Acq: 16 Jul 2019 17:05

Tgt Ion: 64 Resp: 27622

Ion Ratio Lower Upper

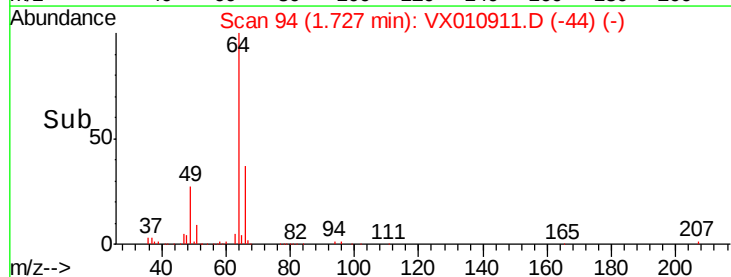
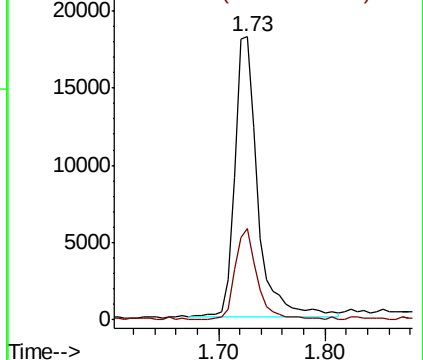
64 100

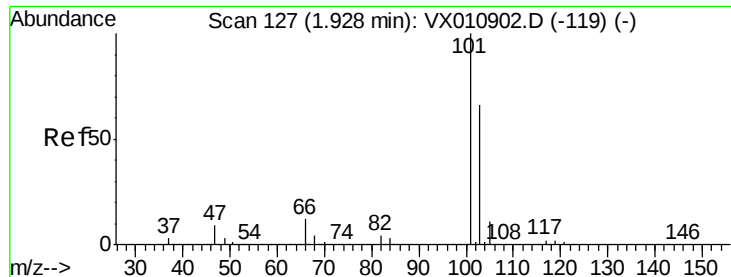
66 32.3 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



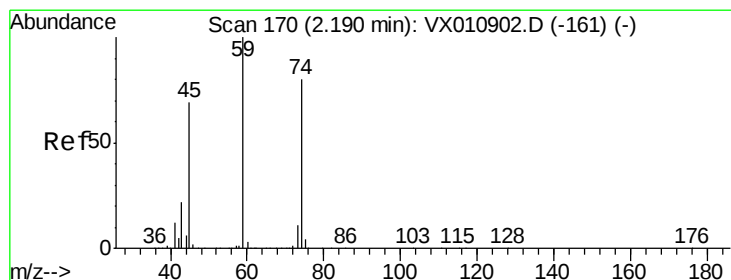
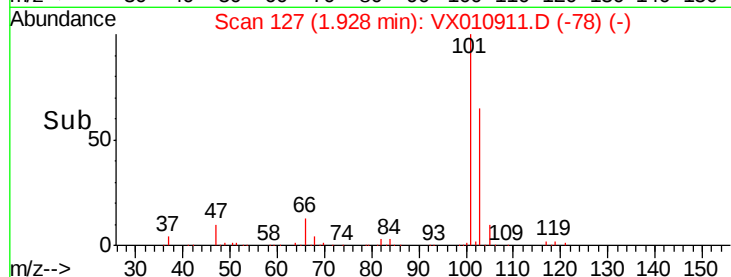
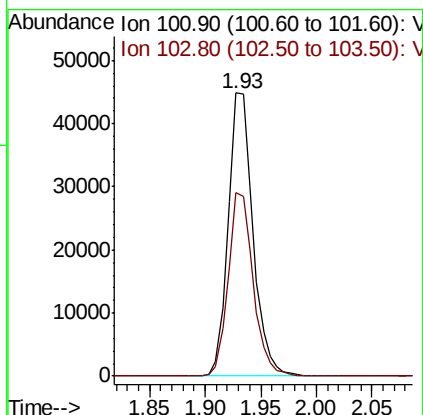
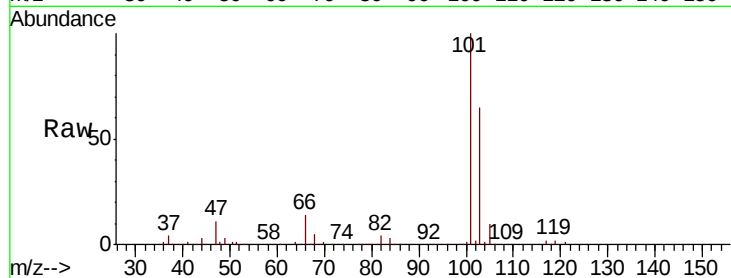


#7

Trichlorofluoromethane  
Concen: 20.044 ug/l  
RT: 1.93 min Scan# 127  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0716WBS01

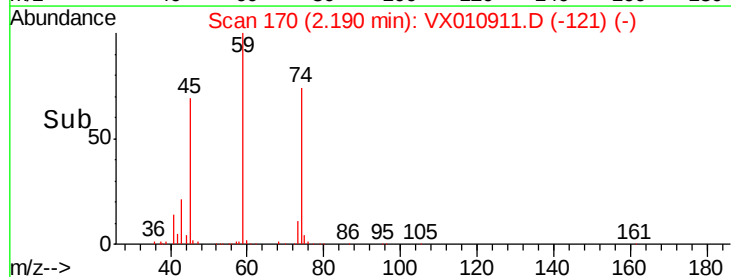
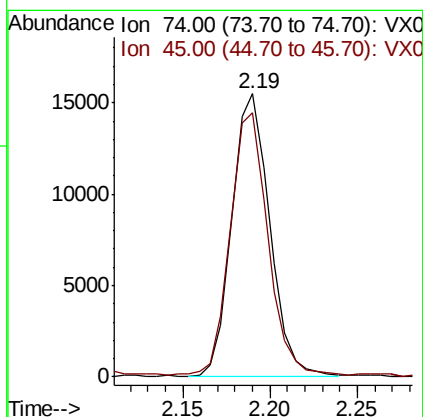
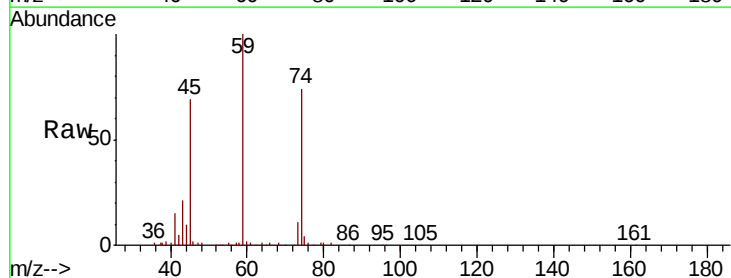
Tot Ion:101 Resp: 69205  
Ion Ratio Lower Upper  
101 100  
103 65.0 52.6 78.8

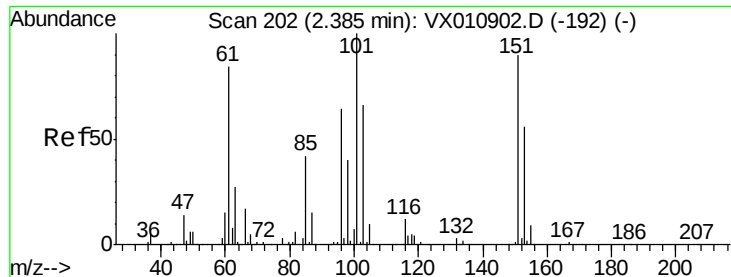


#8

Diethyl Ether  
Concen: 19.722 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

Tgt Ion: 74 Resp: 23461  
Ion Ratio Lower Upper  
74 100  
45 92.0 45.5 136.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.209 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

Instrument :

MSVOA\_X

ClientSampled :

VX0716WBS01

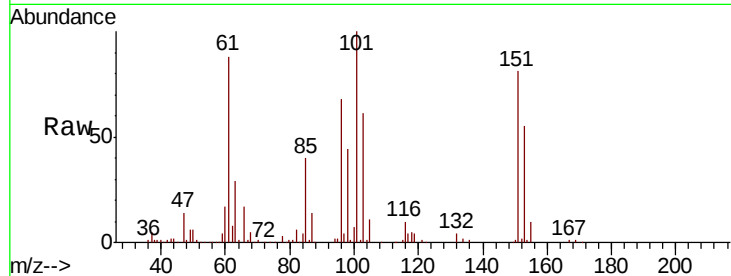
Tot Ion:101 Resp: 39840

Ion Ratio Lower Upper

101 100

85 42.1 34.6 52.0

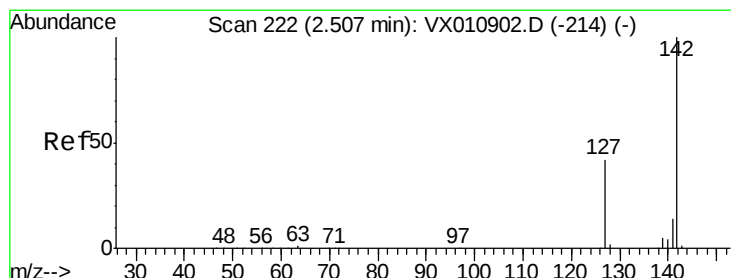
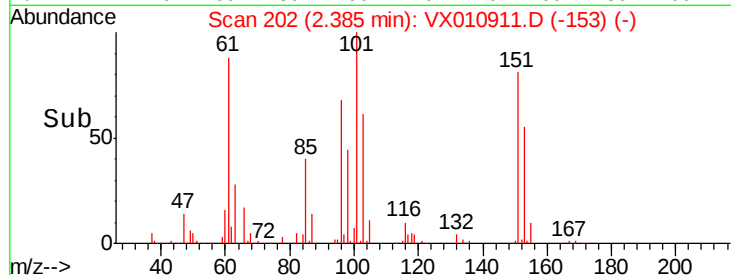
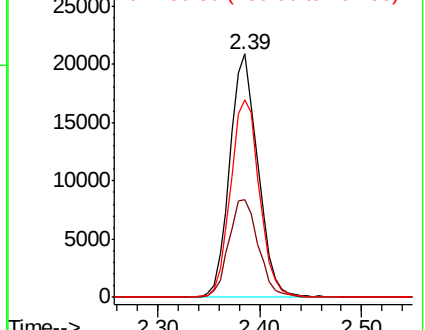
151 82.9 69.6 104.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.111 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

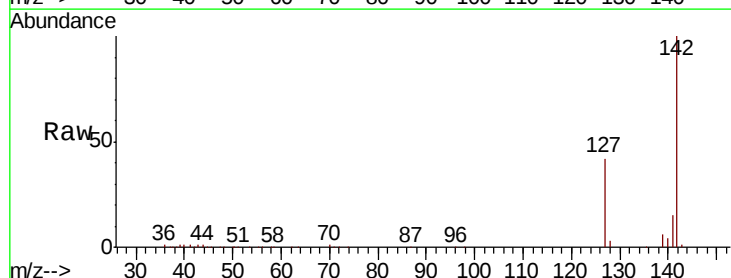
Tgt Ion:142 Resp: 44268

Ion Ratio Lower Upper

142 100

127 43.5 34.2 51.4

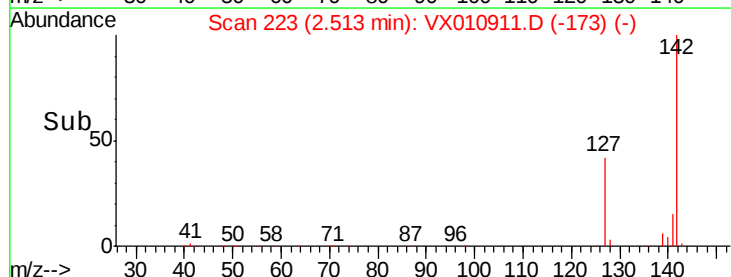
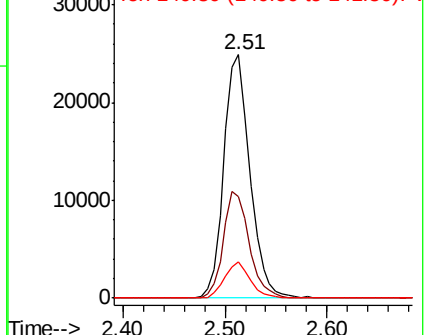
141 14.4 11.7 17.5

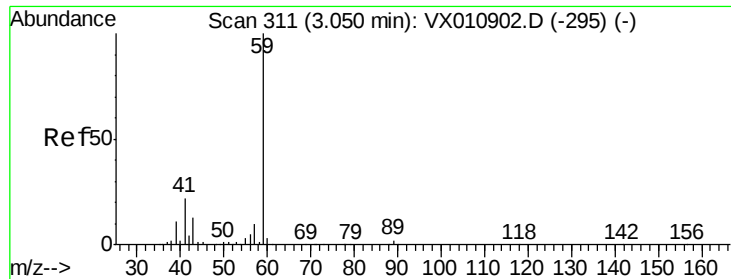


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

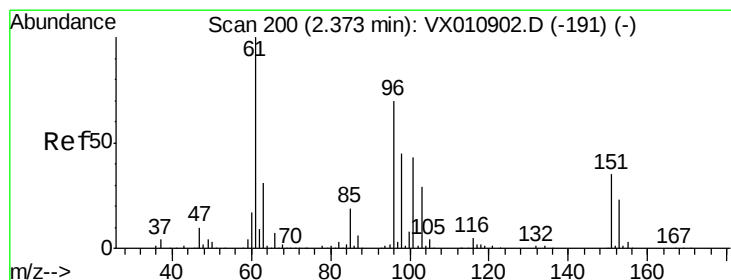
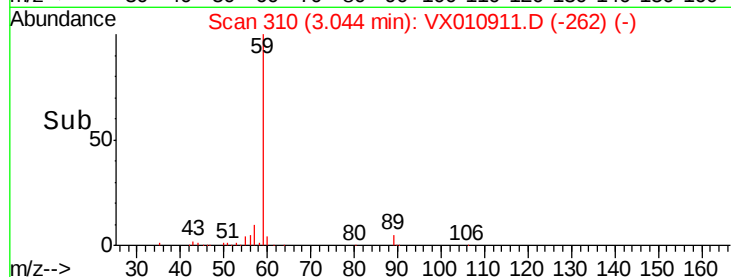
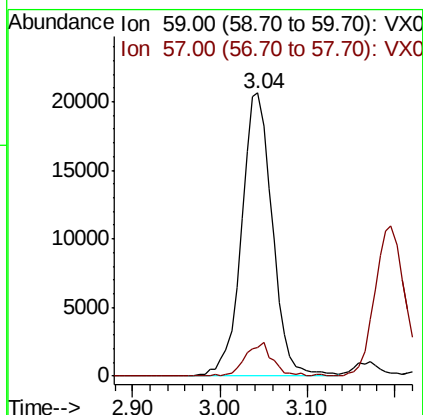
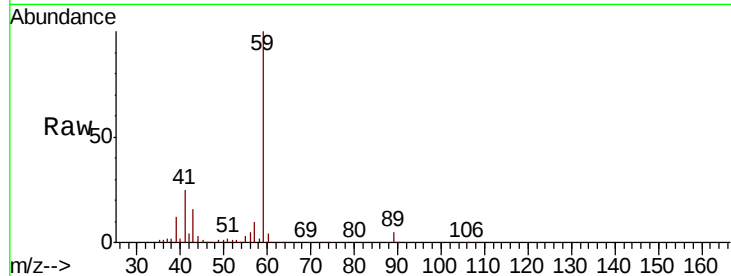




#11  
Tert butyl alcohol  
Concen: 93.811 ug/l  
RT: 3.04 min Scan# 310  
Delta R.T. -0.01 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

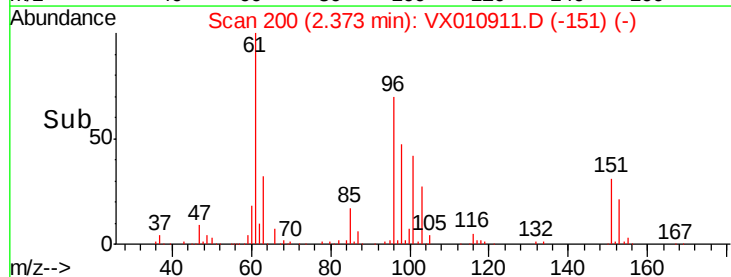
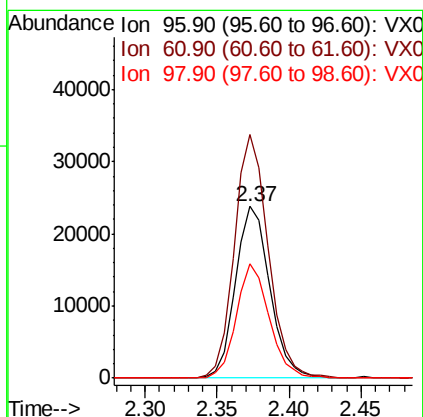
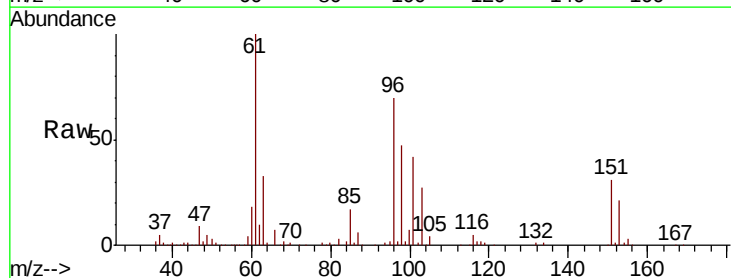
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0716WBS01

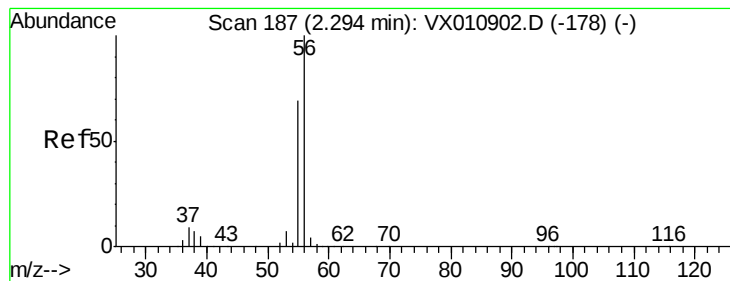
Tot Ion: 59 Resp: 50542  
Ion Ratio Lower Upper  
59 100  
57 10.7 7.9 11.9



#12  
1,1-Dichloroethene  
Concen: 20.390 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

Tgt Ion: 96 Resp: 39494  
Ion Ratio Lower Upper  
96 100  
61 141.6 115.0 172.4  
98 66.6 52.2 78.2





#13

Acrolein

Concen: 87.651 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

Instrument :

MSVOA\_X

ClientSampleId :

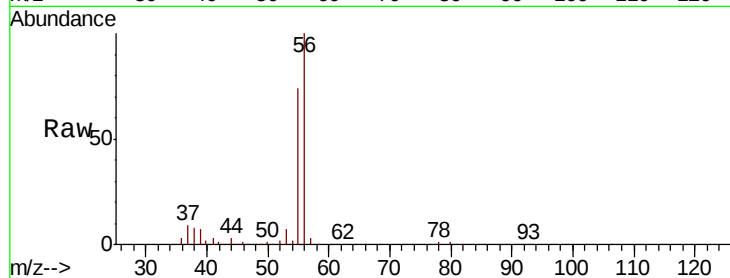
VX0716WBS01

Tot Ion: 56 Resp: 27284

Ion Ratio Lower Upper

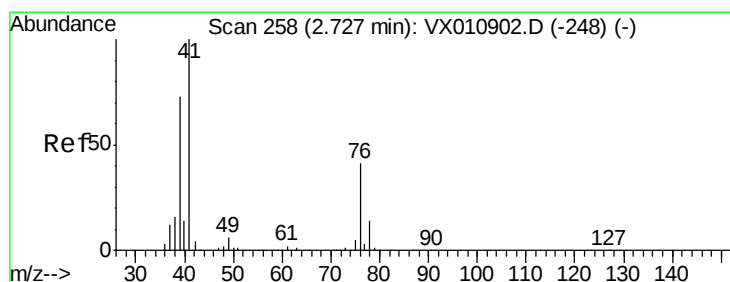
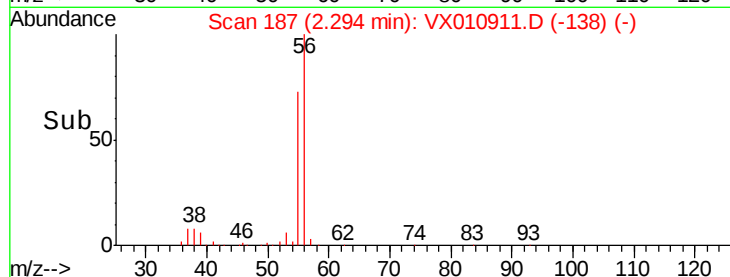
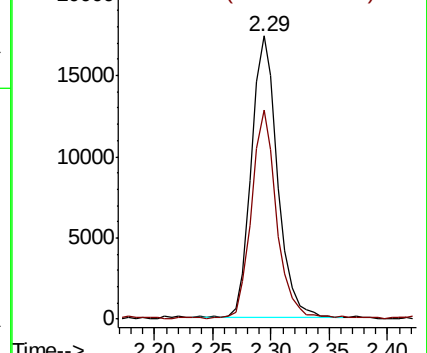
56 100

55 72.2 55.9 83.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.579 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

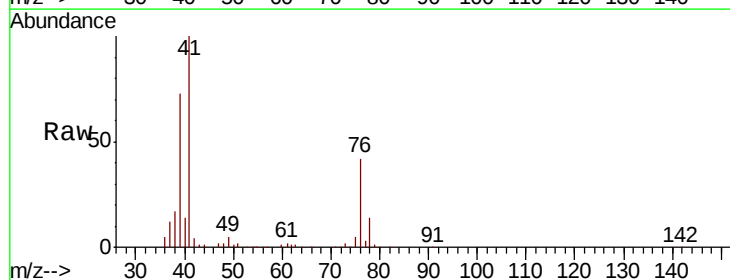
Tgt Ion: 41 Resp: 55085

Ion Ratio Lower Upper

41 100

39 67.2 53.6 80.4

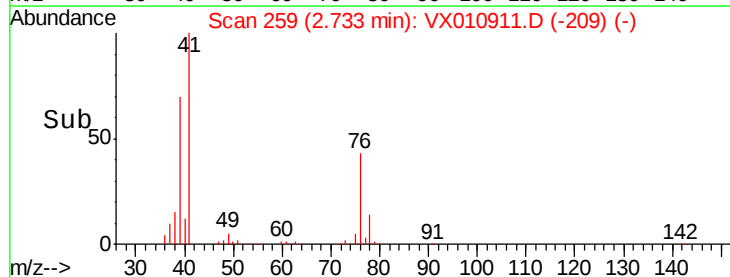
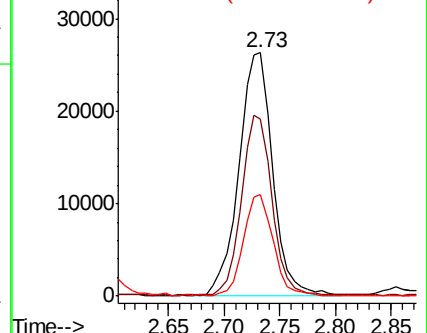
76 37.1 29.7 44.5

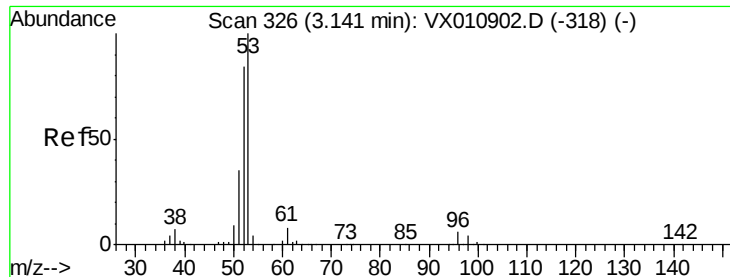


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 98.524 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0716WBS01

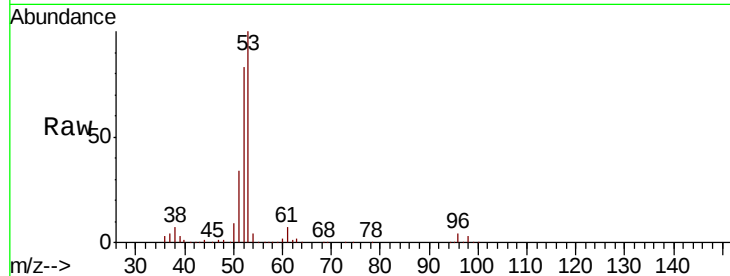
Tot Ion: 53 Resp: 107261

Ion Ratio Lower Upper

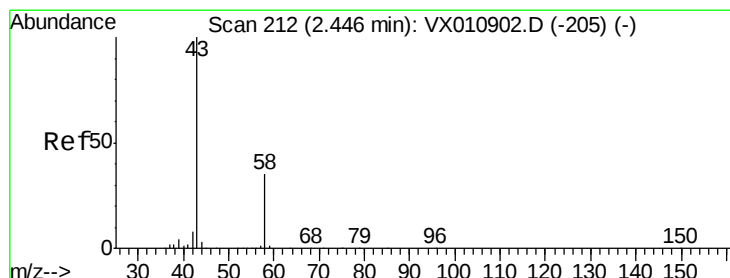
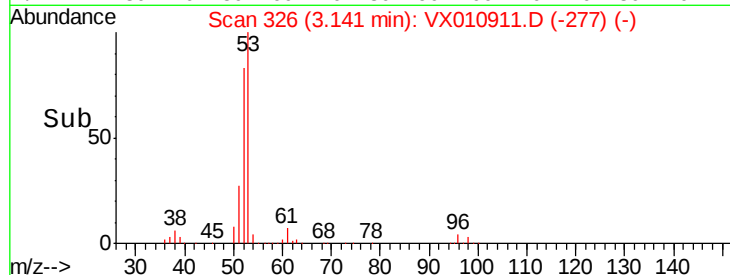
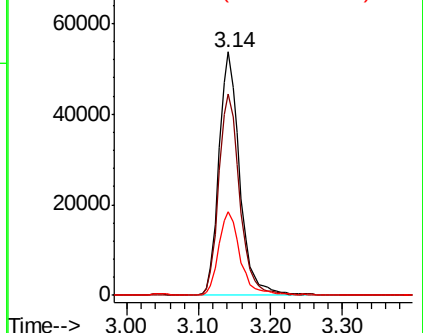
53 100

52 83.3 66.5 99.7

51 36.0 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0  
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 88.566 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010911.D

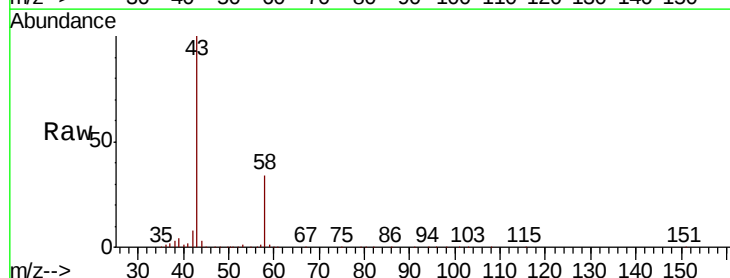
Acq: 16 Jul 2019 17:05

Tgt Ion: 43 Resp: 92537

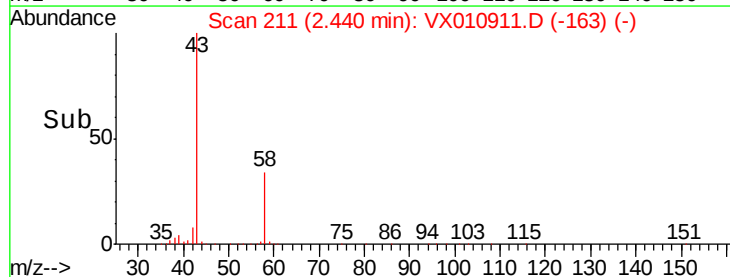
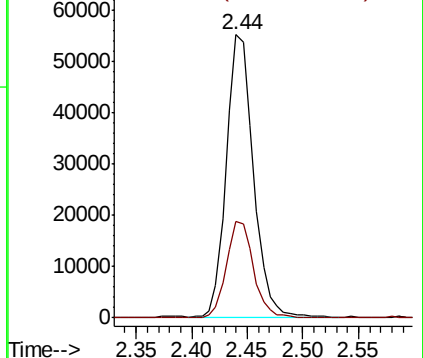
Ion Ratio Lower Upper

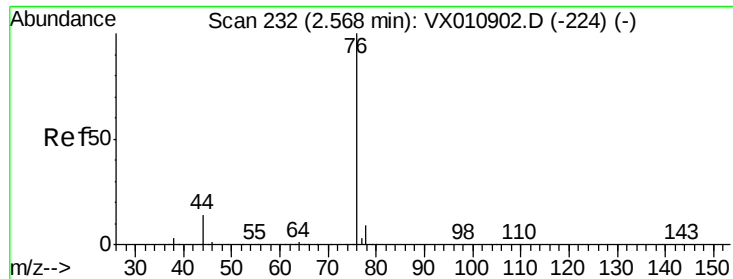
43 100

58 34.4 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0

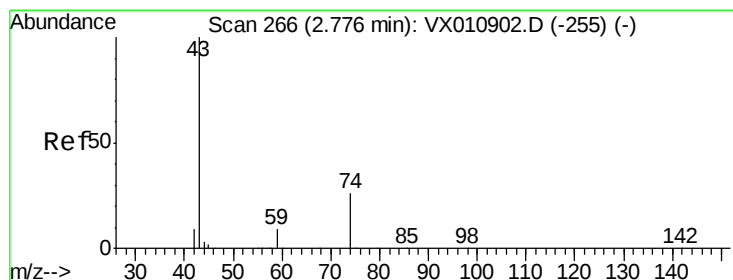
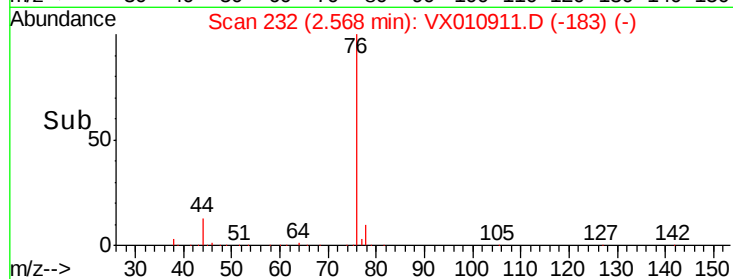
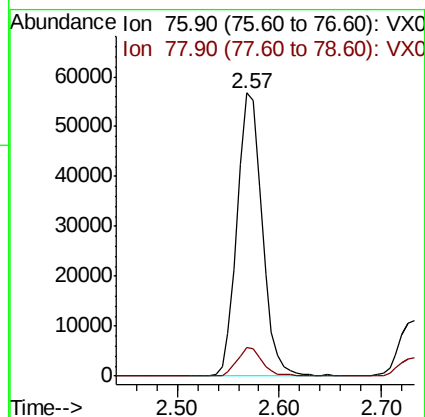
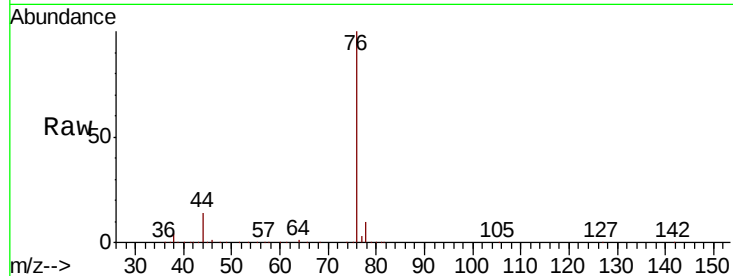




#17  
Carbon Disulfide  
Concen: 19.387 ug/l  
RT: 2.57 min Scan# 232  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

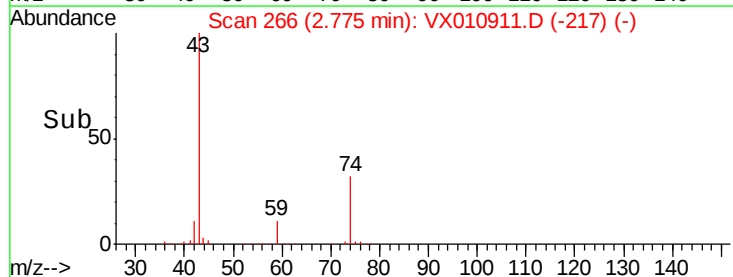
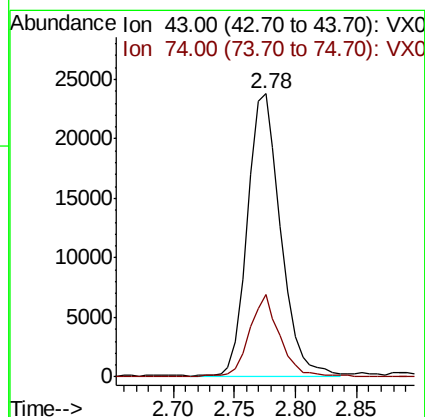
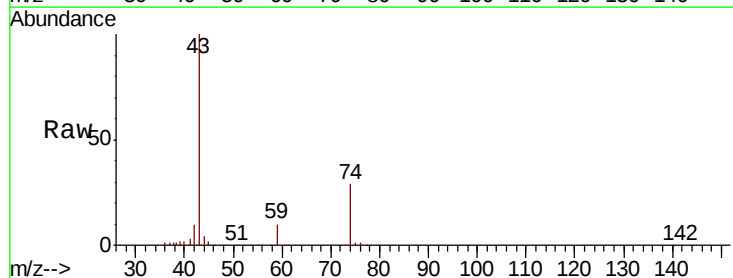
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0716WBS01

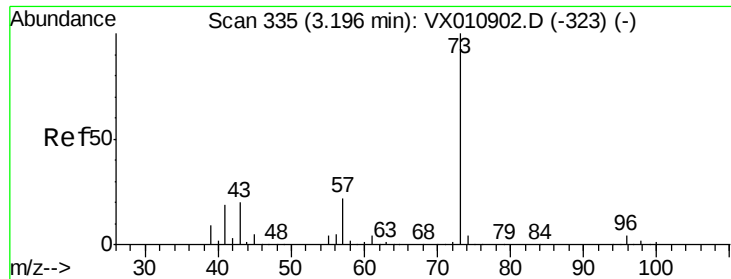
Tot Ion: 76 Resp: 96324  
Ion Ratio Lower Upper  
76 100  
78 9.9 7.4 11.0



#18  
Methyl Acetate  
Concen: 18.732 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

Tgt Ion: 43 Resp: 44566  
Ion Ratio Lower Upper  
43 100  
74 27.0 21.5 32.3

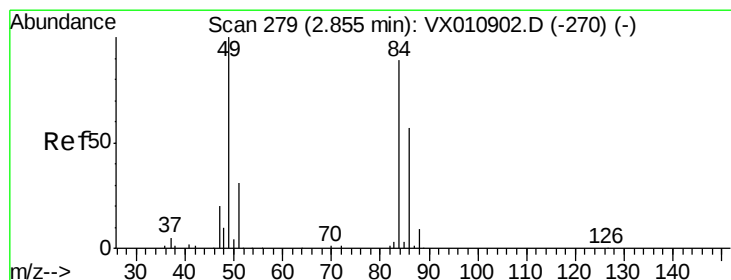
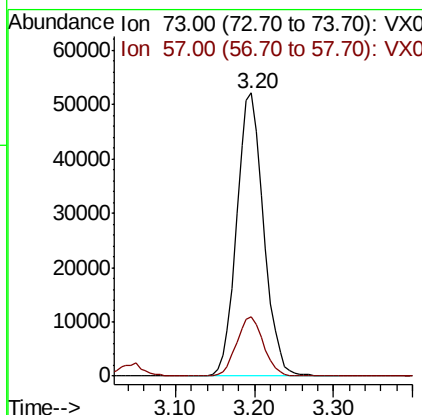
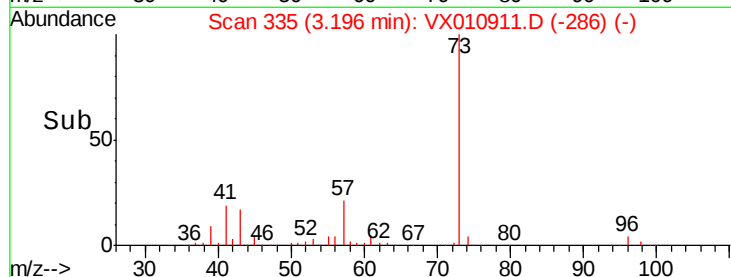
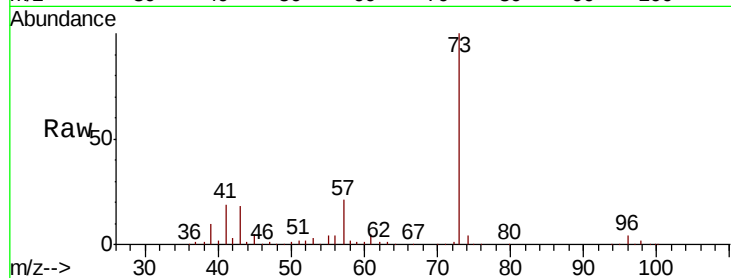




#19  
Methyl tert-butyl Ether  
Concen: 19.831 ug/l  
RT: 3.20 min Scan# 335  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

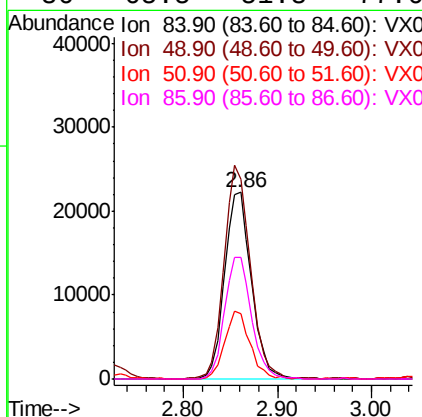
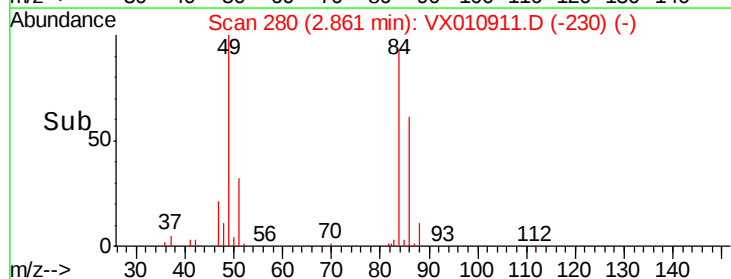
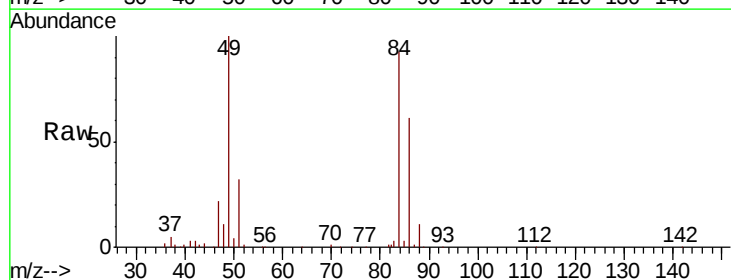
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0716WBS01

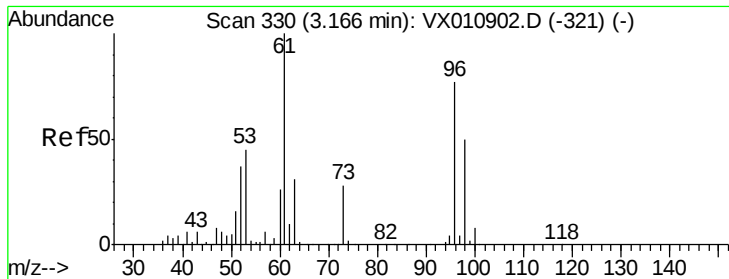
Tot Ion: 73 Resp: 123653  
Ion Ratio Lower Upper  
73 100  
57 20.9 17.3 25.9



#20  
Methylene Chloride  
Concen: 19.817 ug/l  
RT: 2.86 min Scan# 280  
Delta R.T. 0.01 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

Tgt Ion: 84 Resp: 43879  
Ion Ratio Lower Upper  
84 100  
49 106.7 89.9 134.9  
51 34.4 27.8 41.6  
86 65.5 51.8 77.6





#21

trans-1,2-Dichloroethene

Concen: 19.903 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0716WBS01

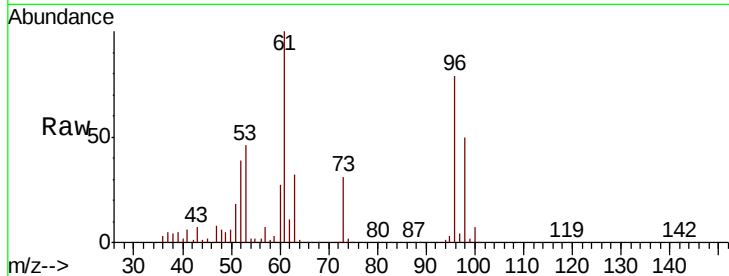
Tot Ion: 96 Resp: 40905

Ion Ratio Lower Upper

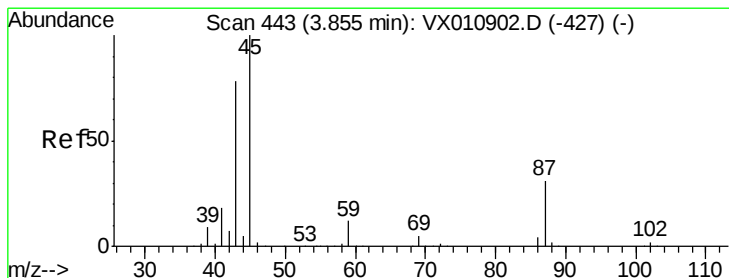
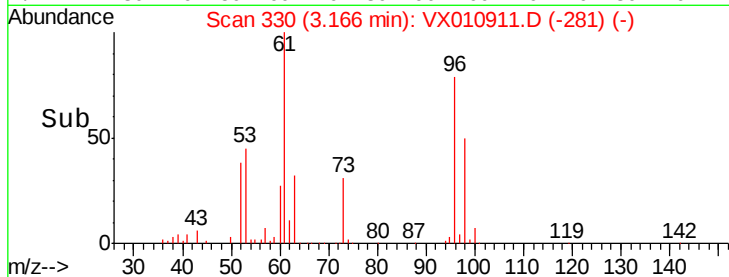
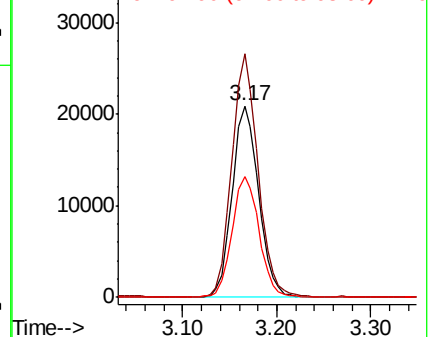
96 100

61 127.0 104.2 156.2

98 63.2 52.2 78.4



Abundance Ion 95.90 (95.60 to 96.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 20.173 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

Tgt Ion: 45 Resp: 119701

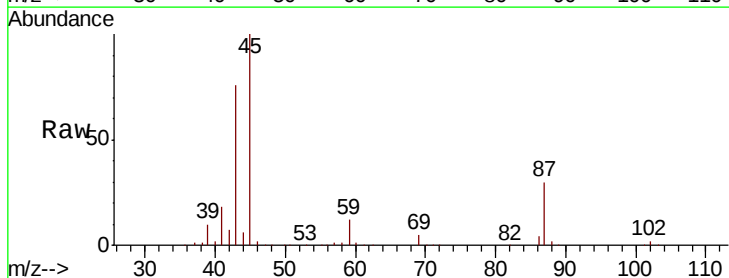
Ion Ratio Lower Upper

45 100

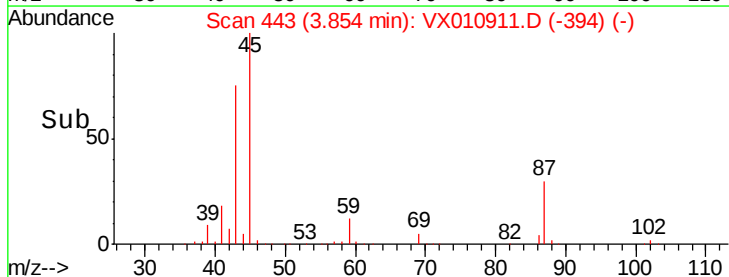
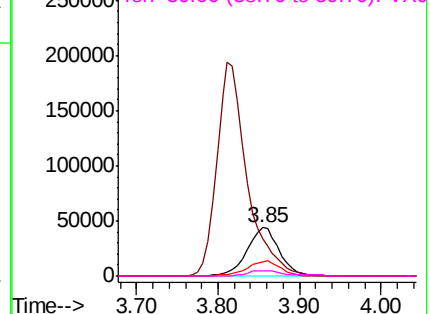
43 74.5 62.3 93.5

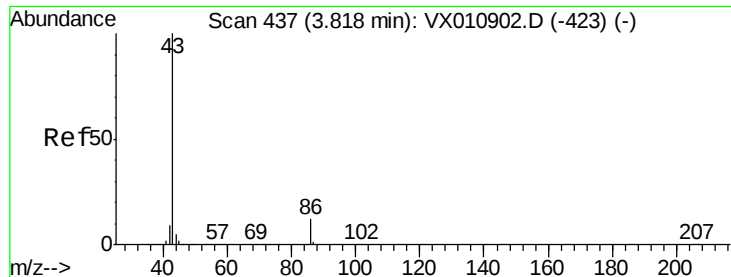
87 30.3 25.0 37.4

59 11.6 9.9 14.9



Abundance Ion 45.00 (44.70 to 45.70): VX0  
Ion 43.00 (42.70 to 43.70): VX0  
Ion 87.00 (86.70 to 87.70): VX0  
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 99.726 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

Instrument :

MSVOA\_X

ClientSampleId :

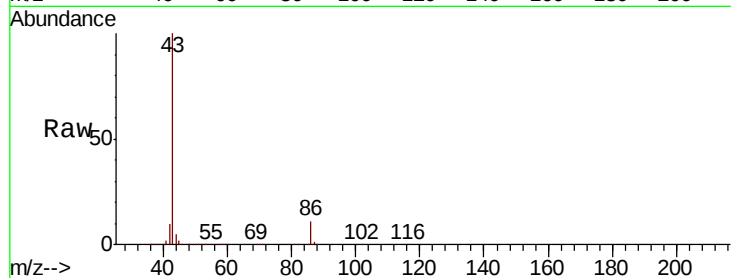
VX0716WBS01

Tot Ion: 43 Resp: 501386

Ion Ratio Lower Upper

43 100

86 11.0 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.81

200000

150000

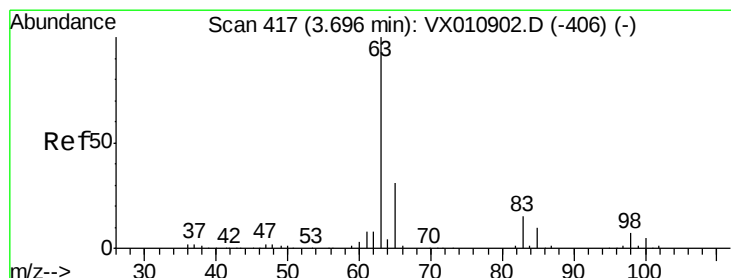
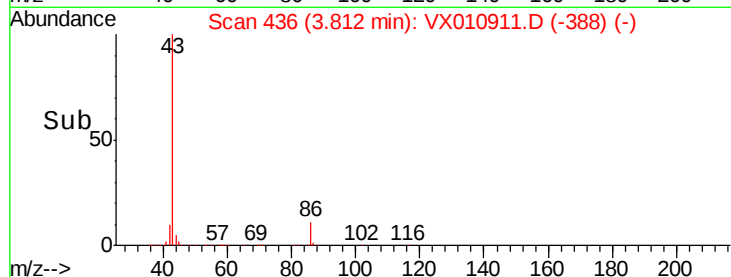
100000

50000

0

3.70 3.80 3.90 4.00

Time-->



#24

1,1-Dichloroethane

Concen: 19.737 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

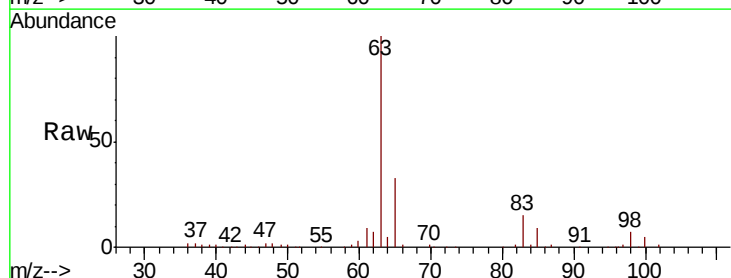
Tgt Ion: 63 Resp: 68014

Ion Ratio Lower Upper

63 100

98 7.3 3.6 10.9

100 5.3 2.4 7.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

30000

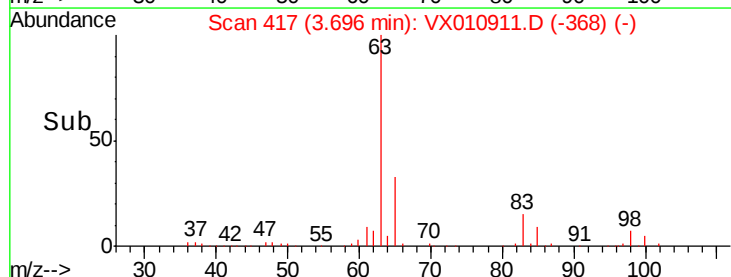
20000

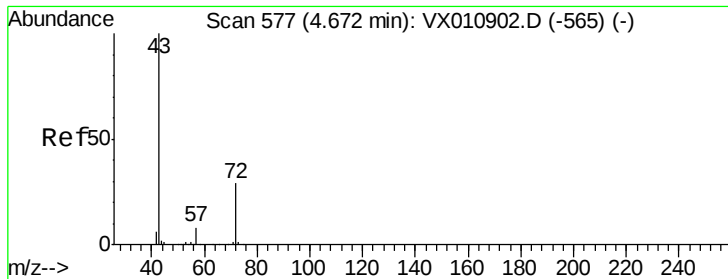
10000

0

3.60 3.70 3.80

Time-->





#25

2-Butanone

Concen: 96.570 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

Instrument :

MSVOA\_X

ClientSampleId :

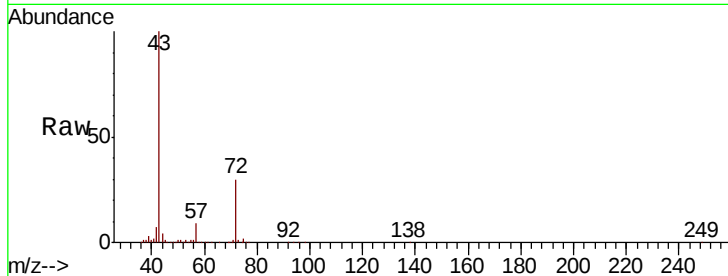
VX0716WBS01

Tot Ion: 43 Resp: 144841

Ion Ratio Lower Upper

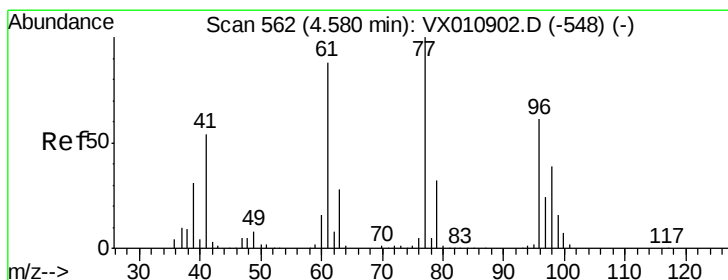
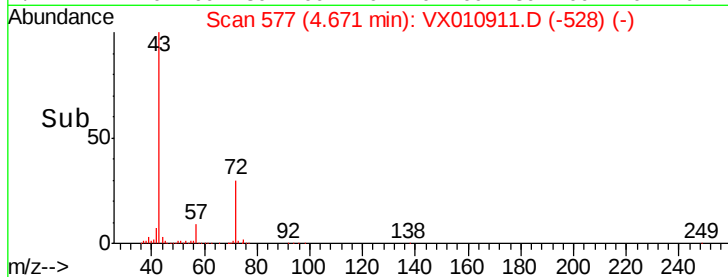
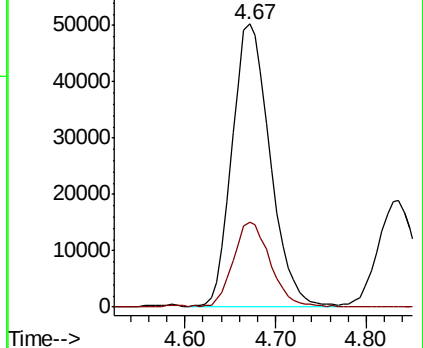
43 100

72 29.9 23.0 34.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 18.045 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010911.D

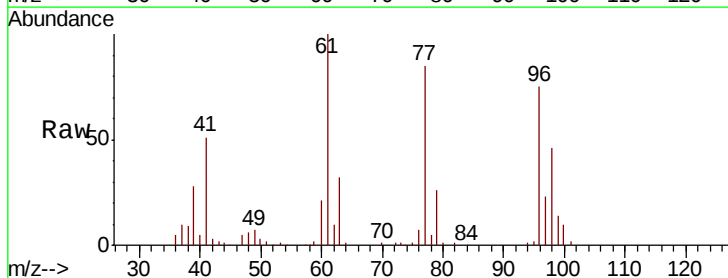
Acq: 16 Jul 2019 17:05

Tgt Ion: 77 Resp: 51059

Ion Ratio Lower Upper

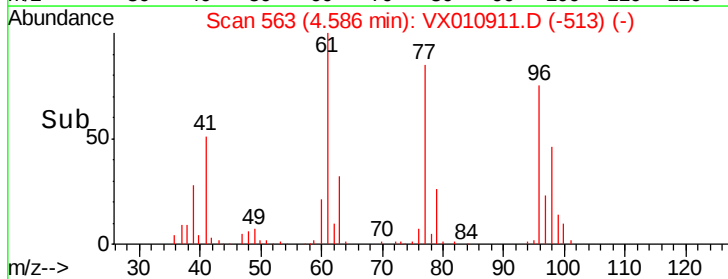
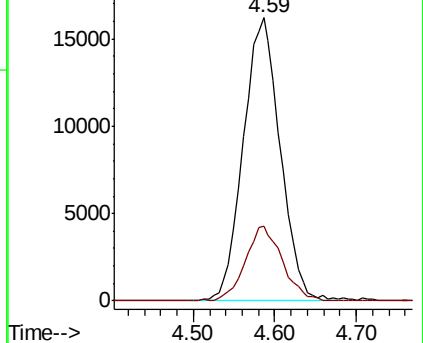
77 100

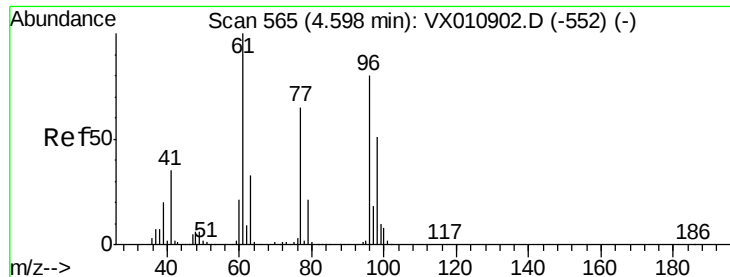
97 26.2 12.6 37.6



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



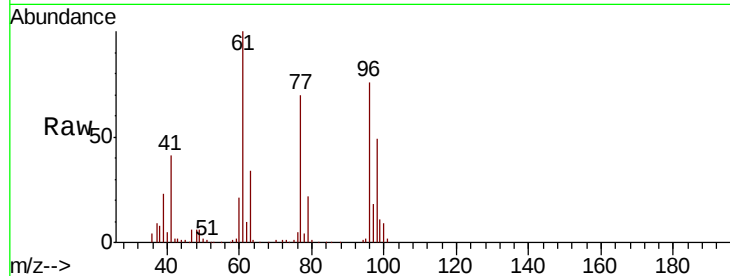


#27

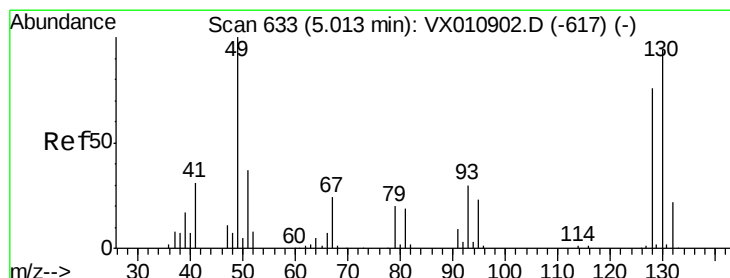
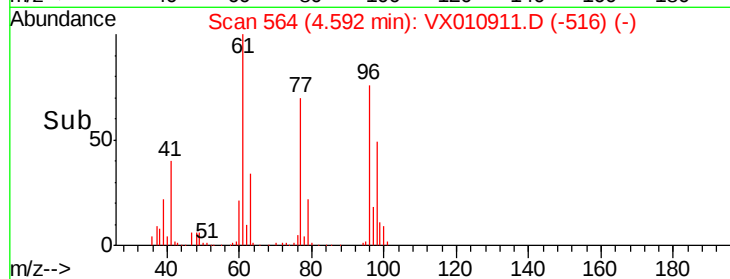
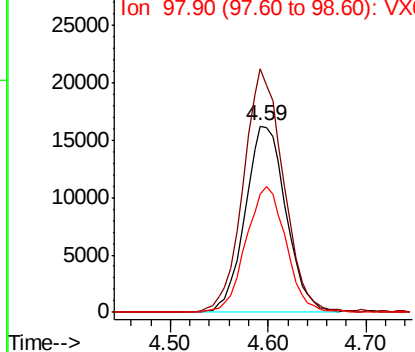
cis-1,2-Dichloroethene  
 Concen: 19.817 ug/l  
 RT: 4.59 min Scan# 564  
 Delta R.T. -0.01 min  
 Lab File: VX010911.D  
 Acq: 16 Jul 2019 17:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0716WBS01

Tot Ion: 96 Resp: 47136  
 Ion Ratio Lower Upper  
 96 100  
 61 128.2 0.0 269.0  
 98 66.0 0.0 131.4



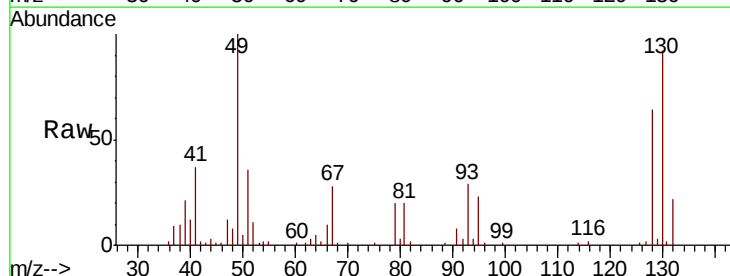
Abundance Ion 95.90 (95.60 to 96.60): VX0  
 Ion 60.90 (60.60 to 61.60): VX0  
 Ion 97.90 (97.60 to 98.60): VX0



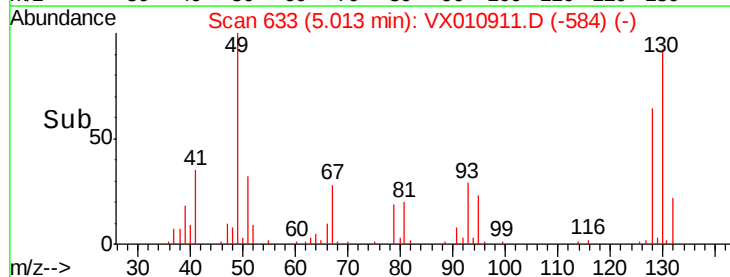
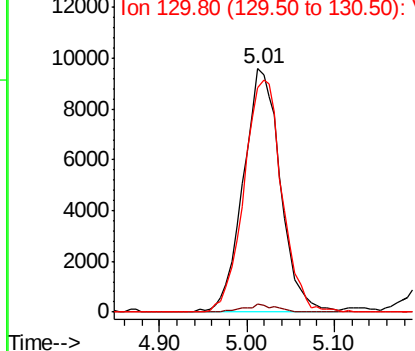
#28

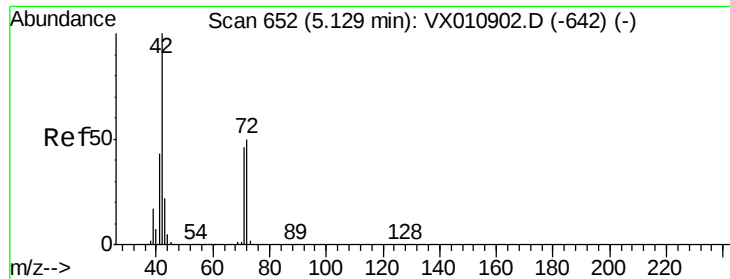
Bromochloromethane  
 Concen: 17.487 ug/l  
 RT: 5.01 min Scan# 633  
 Delta R.T. -0.00 min  
 Lab File: VX010911.D  
 Acq: 16 Jul 2019 17:05

Tgt Ion: 49 Resp: 28397  
 Ion Ratio Lower Upper  
 49 100  
 129 2.7 0.0 5.2  
 130 97.2 76.9 115.3



Abundance Ion 48.90 (48.60 to 49.60): VX0  
 Ion 128.80 (128.50 to 129.50): V  
 Ion 129.80 (129.50 to 130.50): V

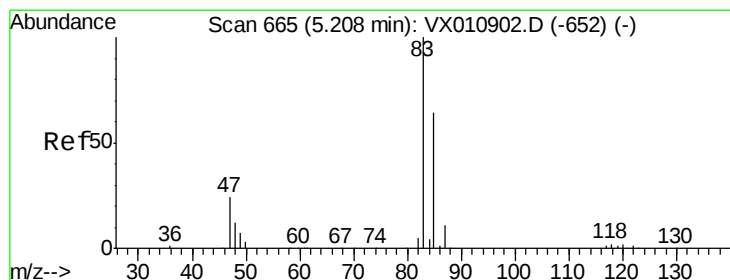
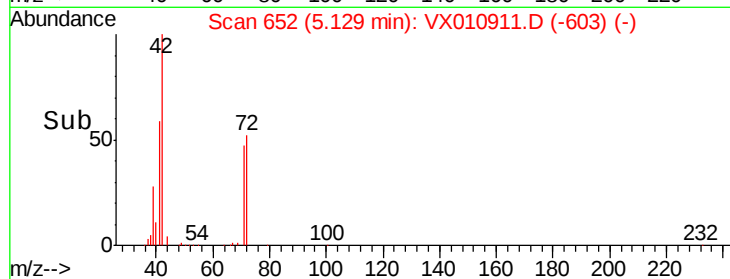
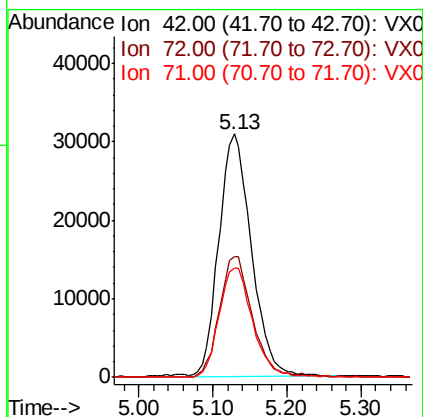
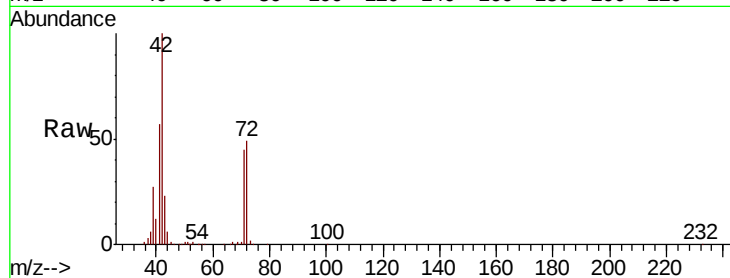




#29  
Tetrahydrofuran  
Concen: 98.671 ug/l  
RT: 5.13 min Scan# 652  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

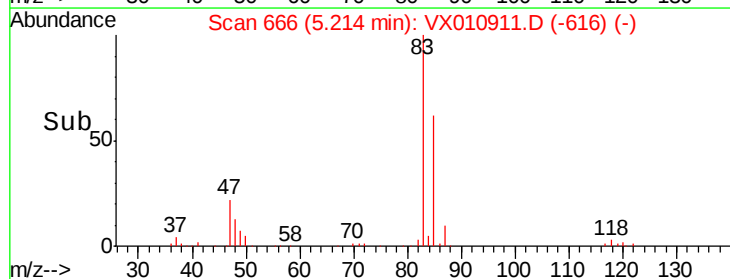
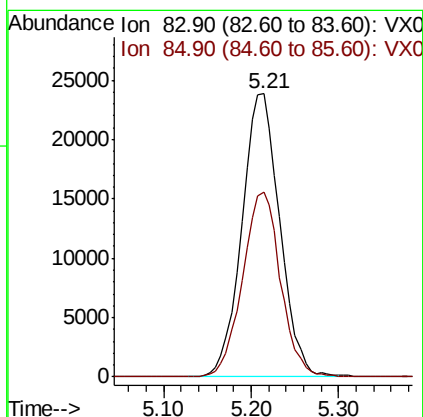
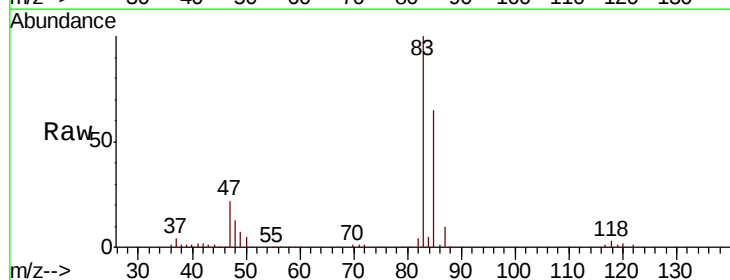
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0716WBS01

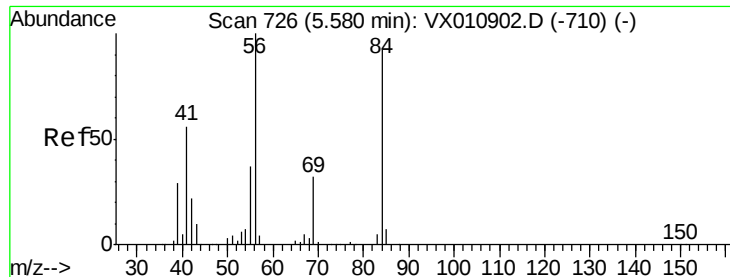
Tot Ion: 42 Resp: 93744  
Ion Ratio Lower Upper  
42 100  
72 50.7 39.8 59.8  
71 46.7 37.0 55.4



#30  
Chloroform  
Concen: 19.300 ug/l  
RT: 5.21 min Scan# 666  
Delta R.T. 0.01 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

Tgt Ion: 83 Resp: 71890  
Ion Ratio Lower Upper  
83 100  
85 65.3 51.4 77.0

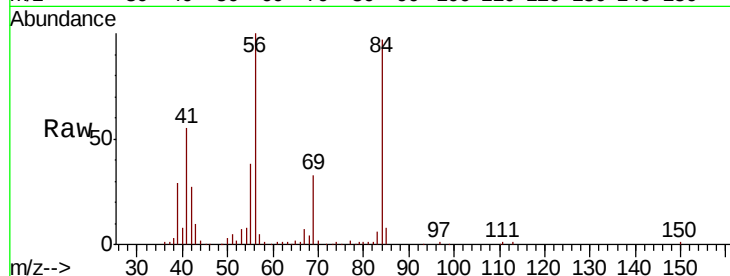




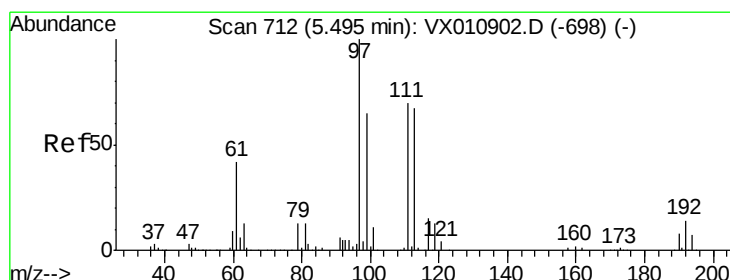
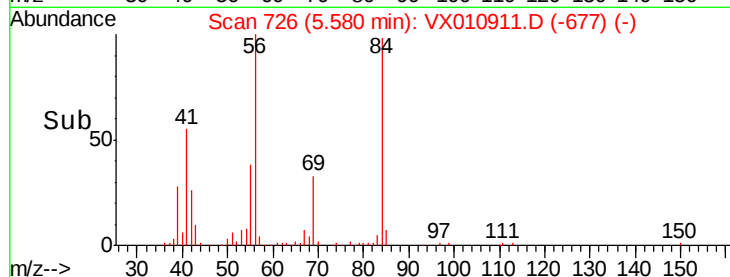
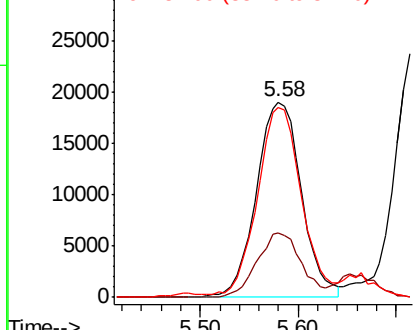
#31  
Cyclohexane  
Concen: 19.465 ug/l  
RT: 5.58 min Scan# 726  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0716WBS01

Tot Ion: 56 Resp: 61139  
Ion Ratio Lower Upper  
56 100  
69 33.1 25.8 38.8  
84 95.1 73.8 110.6

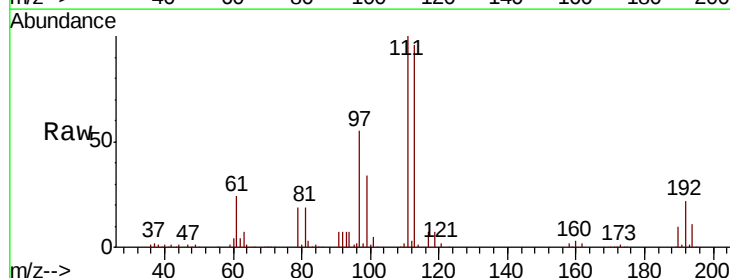


Abundance Ion 56.00 (55.70 to 56.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 84.00 (83.70 to 84.70): VX0

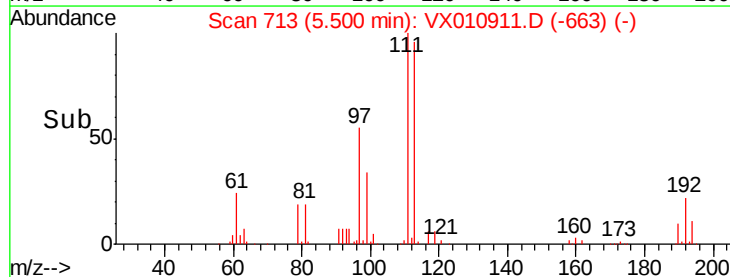
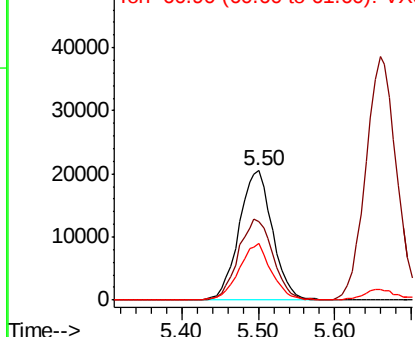


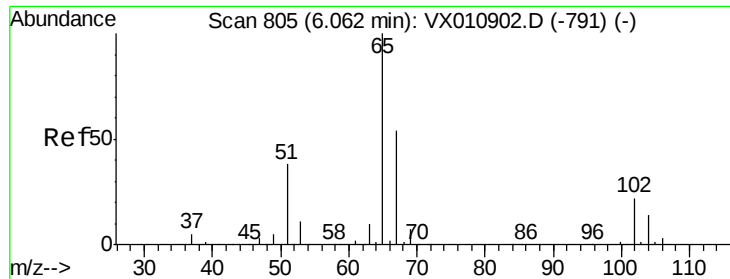
#32  
1,1,1-Trichloroethane  
Concen: 19.336 ug/l  
RT: 5.50 min Scan# 713  
Delta R.T. 0.01 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

Tgt Ion: 97 Resp: 62310  
Ion Ratio Lower Upper  
97 100  
99 64.6 51.4 77.0  
61 42.4 33.0 49.6



Abundance Ion 96.90 (96.60 to 97.60): VX0  
Ion 98.90 (98.60 to 99.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0

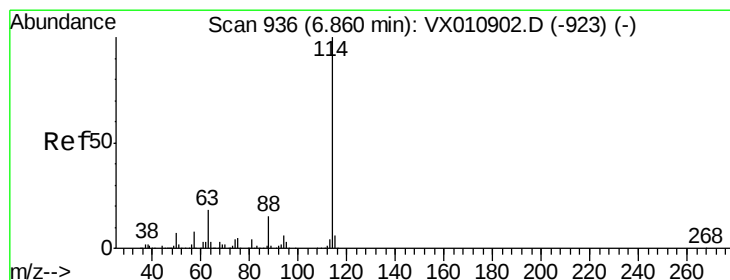
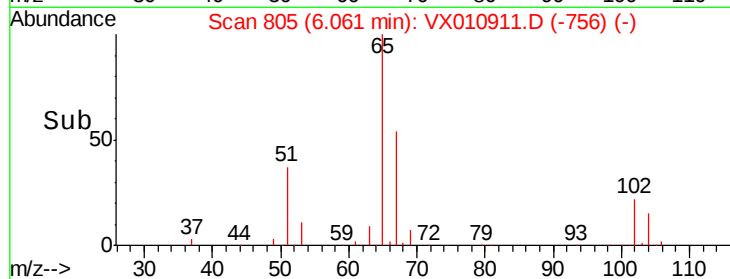
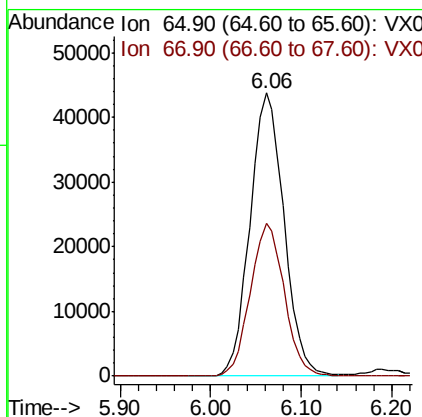
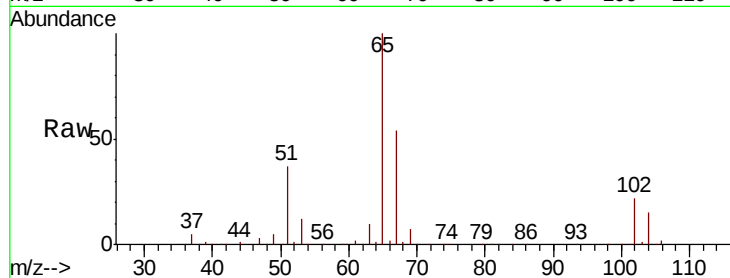




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.124 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. -0.00 min  
 Lab File: VX010911.D  
 Acq: 16 Jul 2019 17:05

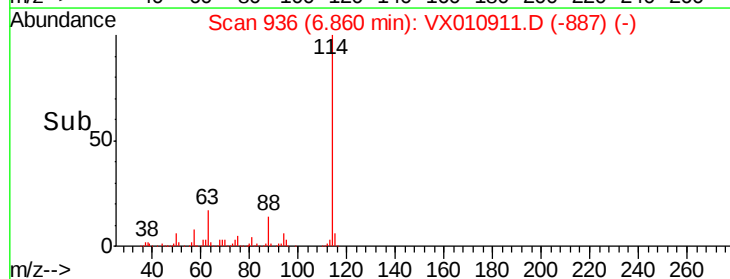
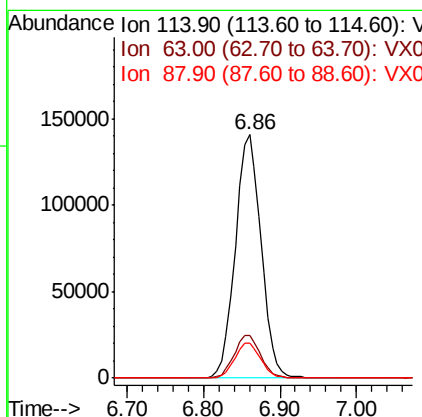
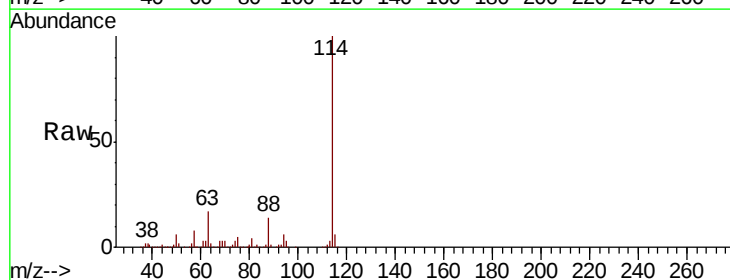
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0716WBS01

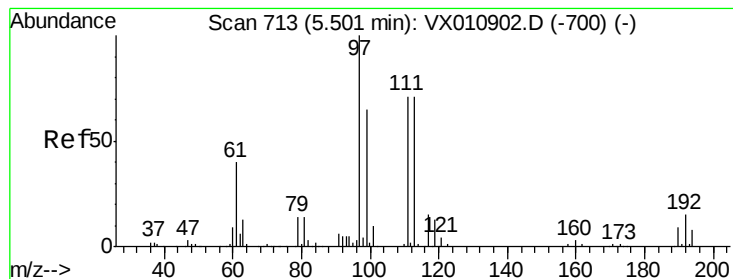
Tot Ion: 65 Resp: 113642  
 Ion Ratio Lower Upper  
 65 100  
 67 53.9 0.0 107.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX010911.D  
 Acq: 16 Jul 2019 17:05

Tgt Ion: 114 Resp: 328886  
 Ion Ratio Lower Upper  
 114 100  
 63 17.4 0.0 35.6  
 88 14.5 0.0 29.8





#35

Dibromofluoromethane

Concen: 49.067 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0716WBS01

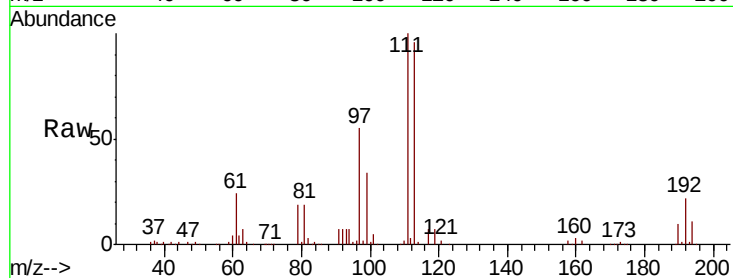
Tot Ion:113 Resp: 102428

Ion Ratio Lower Upper

113 100

111 102.5 82.3 123.5

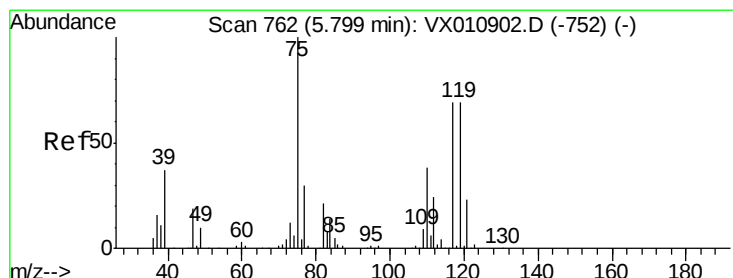
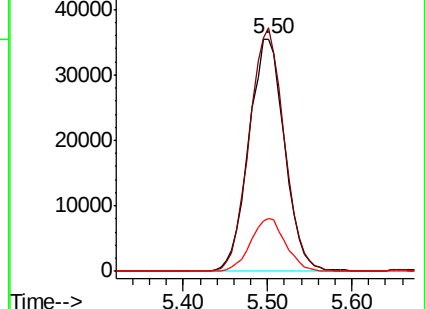
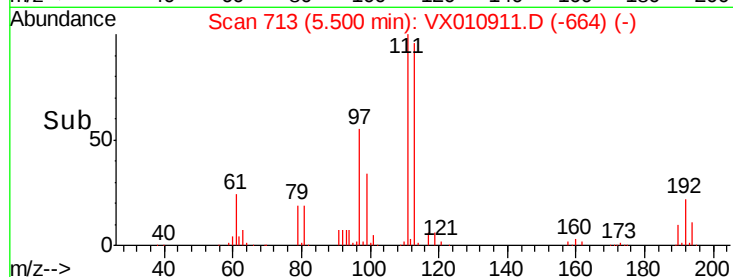
192 22.1 17.4 26.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.805 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

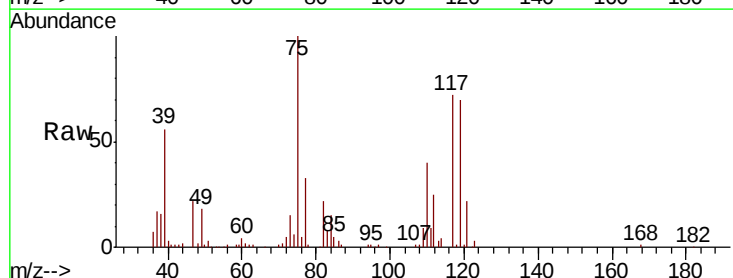
Tgt Ion: 75 Resp: 53502

Ion Ratio Lower Upper

75 100

110 38.9 19.9 59.7

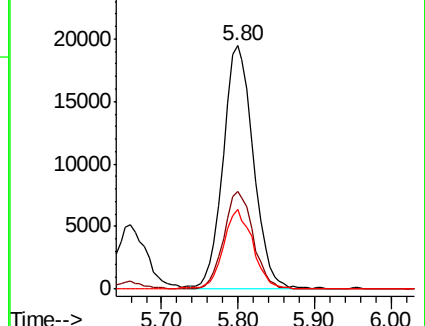
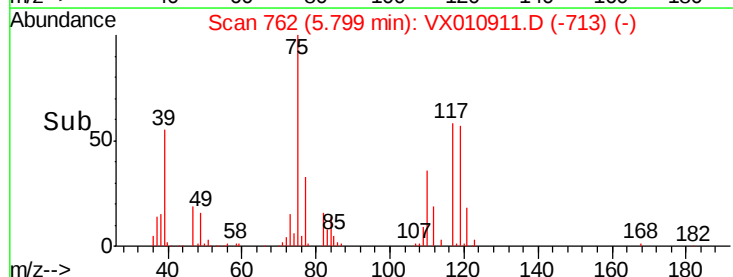
77 32.1 25.0 37.4

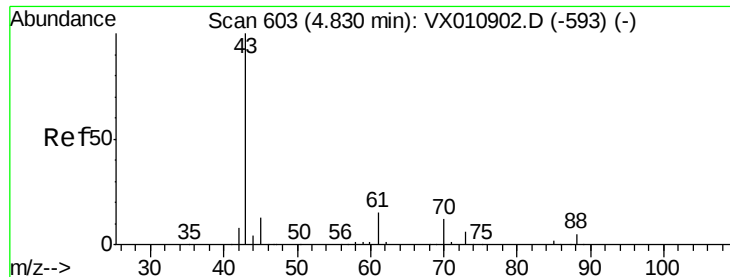


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.933 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.01 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0716WBS01

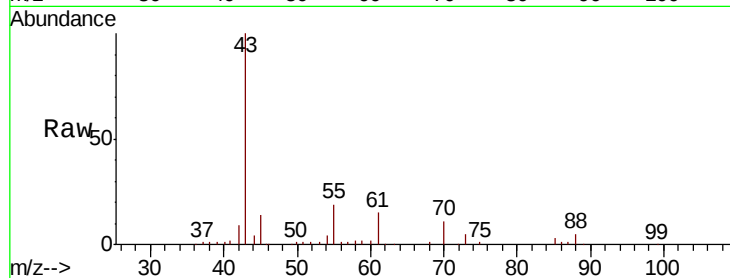
Tot Ion: 43 Resp: 55140

Ion Ratio Lower Upper

43 100

61 16.4 11.6 17.4

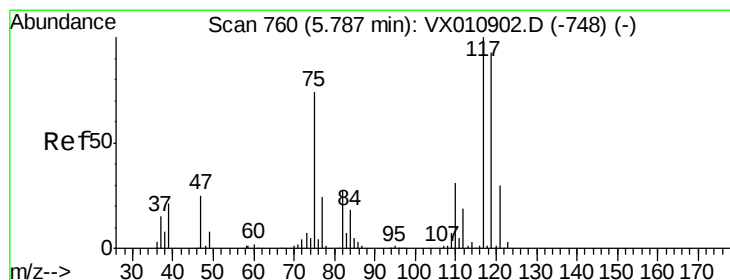
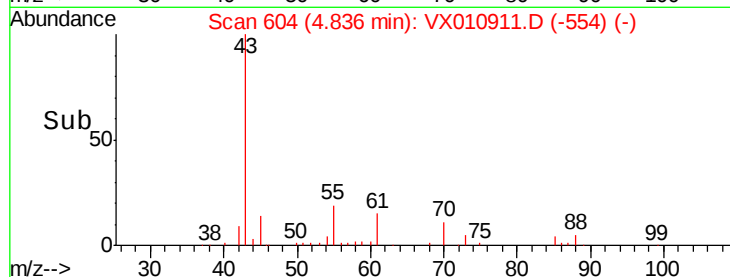
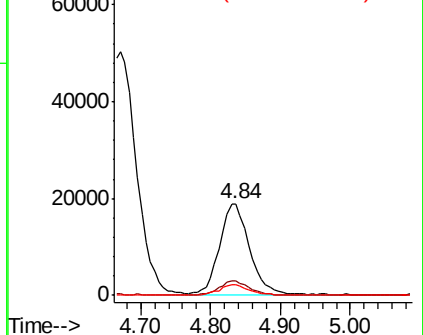
70 12.1 9.1 13.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 18.948 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

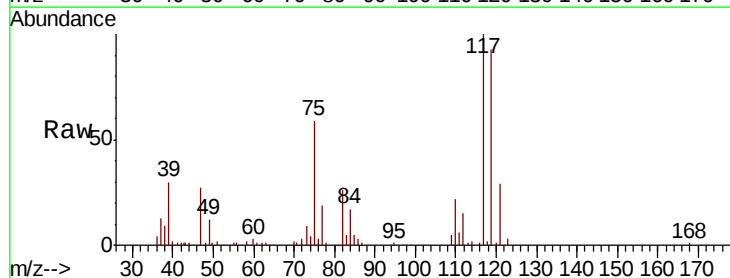
Tgt Ion: 117 Resp: 53340

Ion Ratio Lower Upper

117 100

119 92.9 74.2 111.2

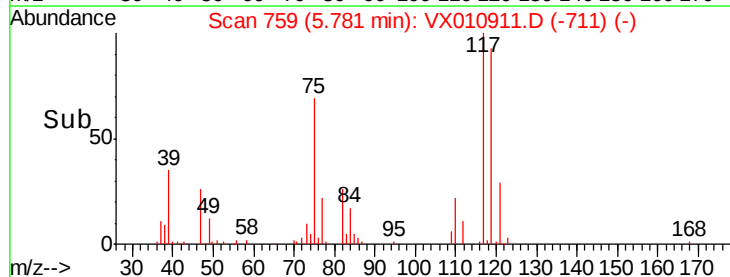
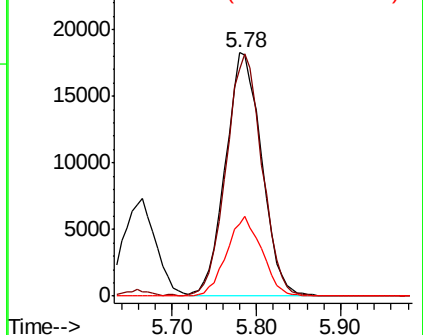
121 29.5 24.2 36.2

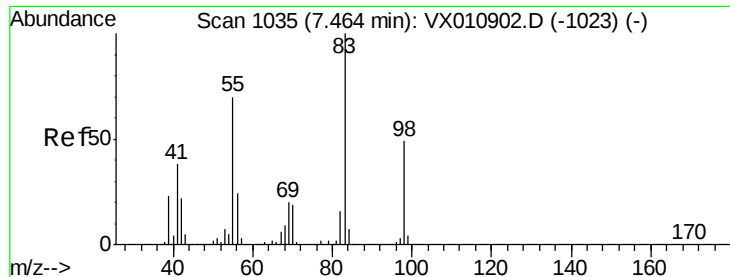


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

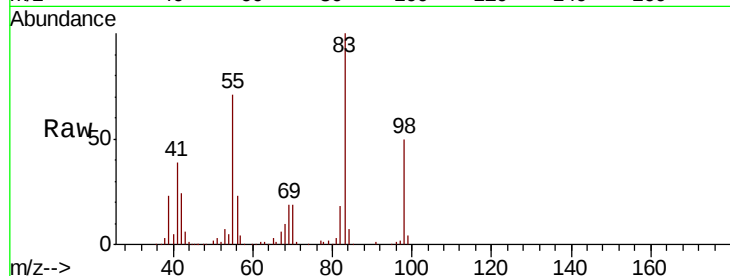




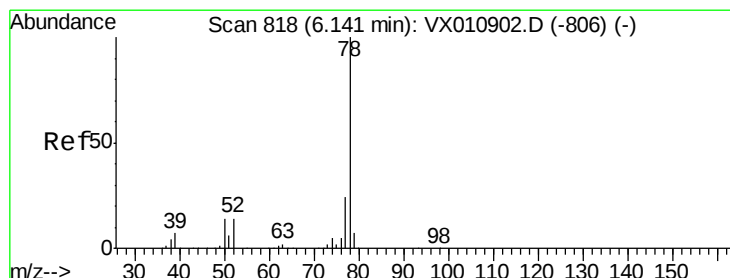
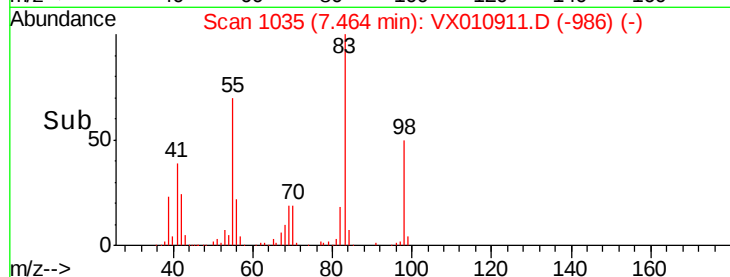
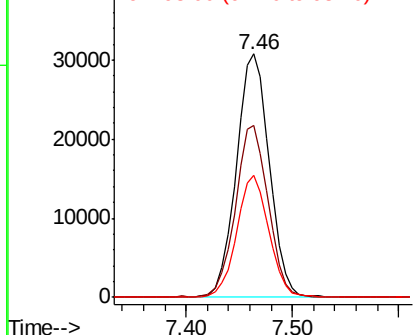
#39  
Methvlcvclohexane  
Concen: 19.161 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0716WBS01

Tot Ion: 83 Resp: 67128  
Ion Ratio Lower Upper  
83 100  
55 70.6 56.2 84.4  
98 49.9 39.0 58.4

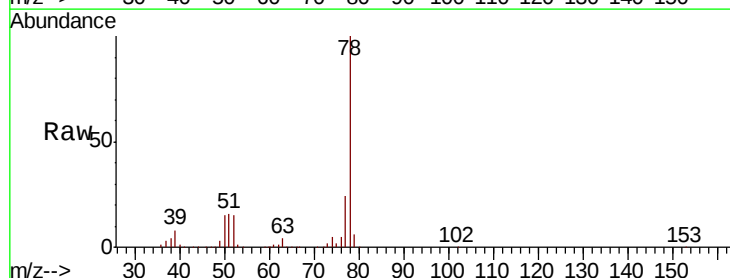


Abundance Ion 83.00 (82.70 to 83.70): VX0  
Ion 55.00 (54.70 to 55.70): VX0  
Ion 98.00 (97.70 to 98.70): VX0

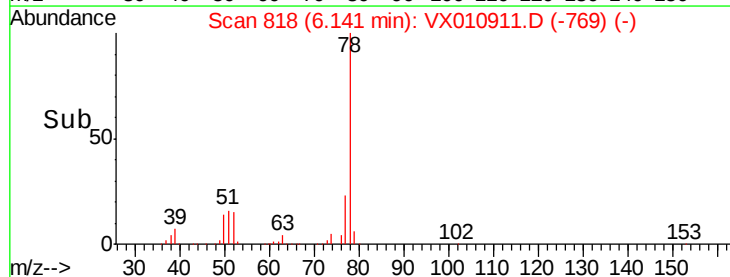
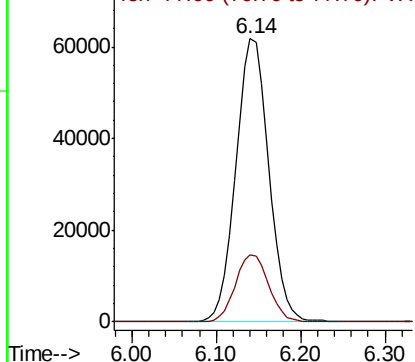


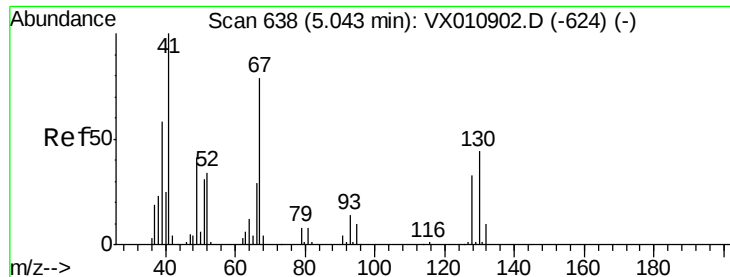
#40  
Benzene  
Concen: 19.665 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

Tgt Ion: 78 Resp: 162735  
Ion Ratio Lower Upper  
78 100  
77 23.9 19.0 28.6



Abundance Ion 78.00 (77.70 to 78.70): VX0  
Ion 77.00 (76.70 to 77.70): VX0

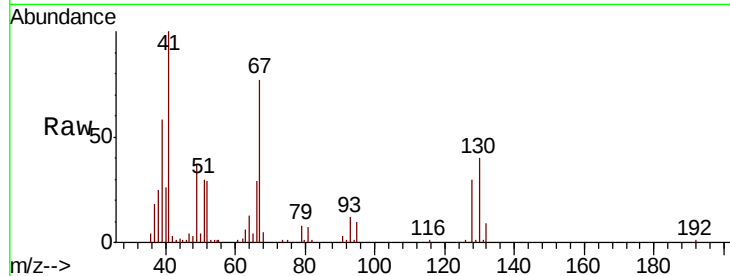




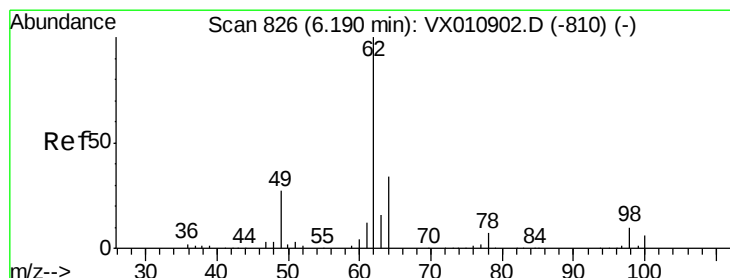
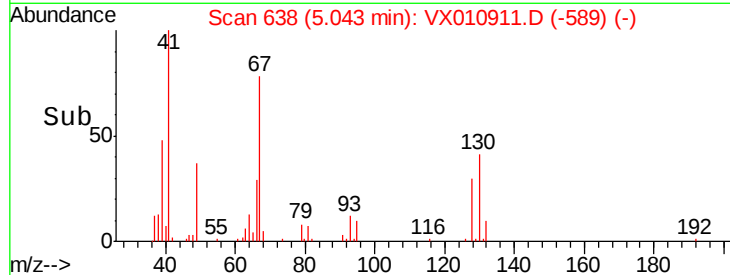
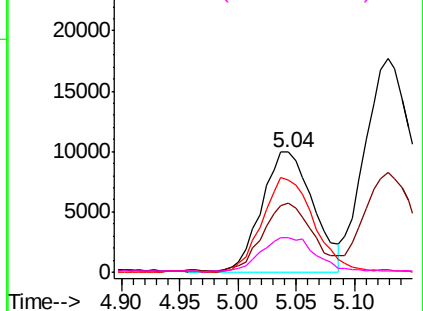
#41  
Methacrylonitrile  
Concen: 19.603 ug/l  
RT: 5.04 min Scan# 638  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

Instrument :  
MSVOA\_X  
ClientSampled :  
VX0716WBS01

Tot Ion: 41 Resp: 30784  
Ion Ratio Lower Upper  
41 100  
39 54.5 45.4 68.2  
67 78.1 65.9 98.9  
52 31.7 26.2 39.2

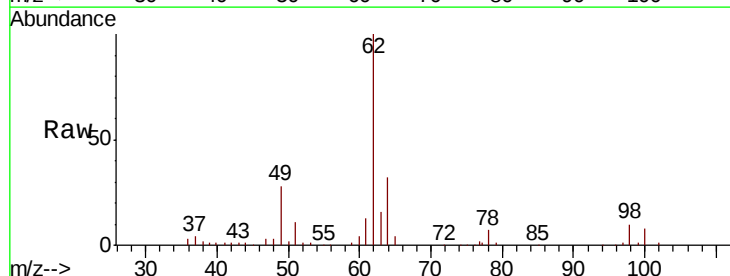


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

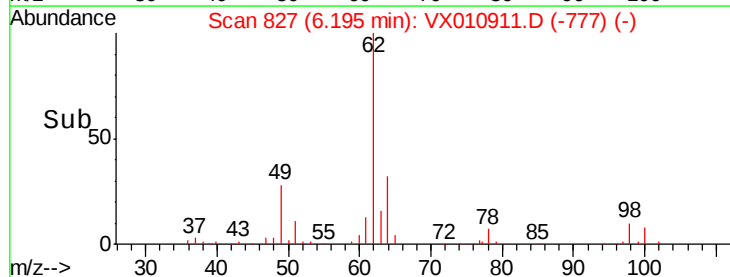
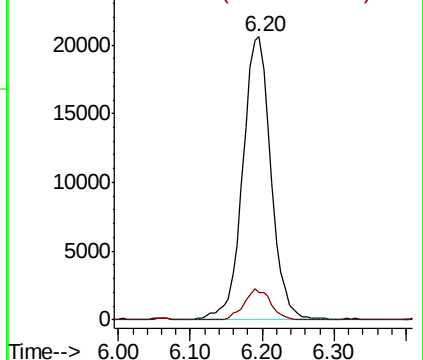


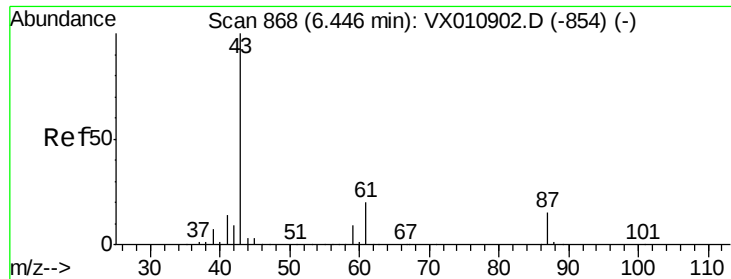
#42  
1,2-Dichloroethane  
Concen: 19.531 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. 0.01 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

Tgt Ion: 62 Resp: 56195  
Ion Ratio Lower Upper  
62 100  
98 10.1 0.0 20.0



Abundance Ion 61.90 (61.60 to 62.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



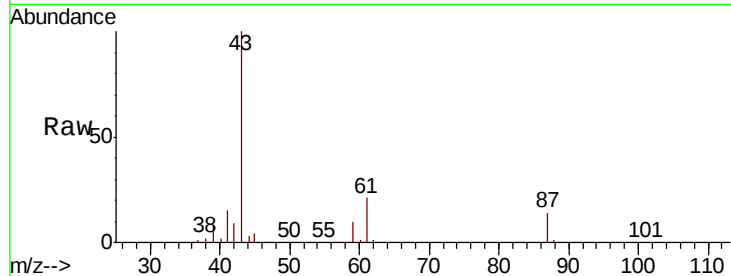


#43

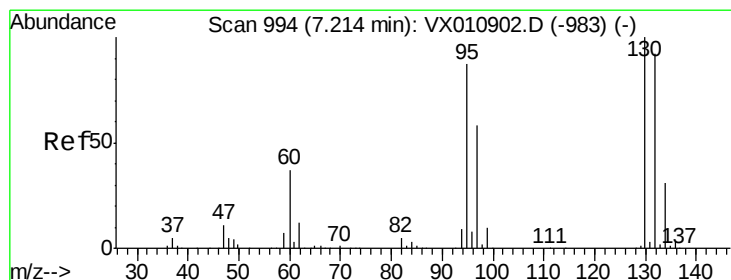
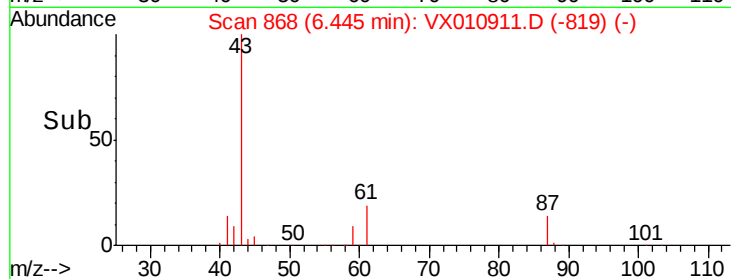
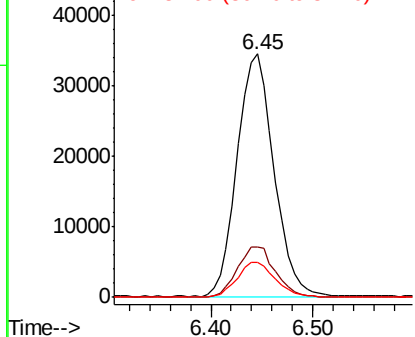
Isopropyl Acetate  
 Concen: 18.942 ug/l  
 RT: 6.45 min Scan# 868  
 Delta R.T. -0.00 min  
 Lab File: VX010911.D  
 Acq: 16 Jul 2019 17:05

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0716WBS01

| Tot Ion   | 43   | Resp | 86157 |
|-----------|------|------|-------|
| Ion Ratio | 100  |      |       |
| Lower     | 17.1 |      |       |
| Upper     | 25.7 |      |       |
| 61        | 21.6 |      |       |
| 87        | 15.2 |      |       |
| 101       |      |      |       |



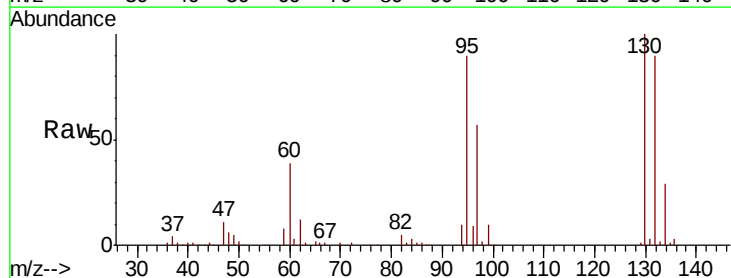
Abundance Ion 43.00 (42.70 to 43.70): VX0  
 Ion 61.00 (60.70 to 61.70): VX0  
 Ion 87.00 (86.70 to 87.70): VX0



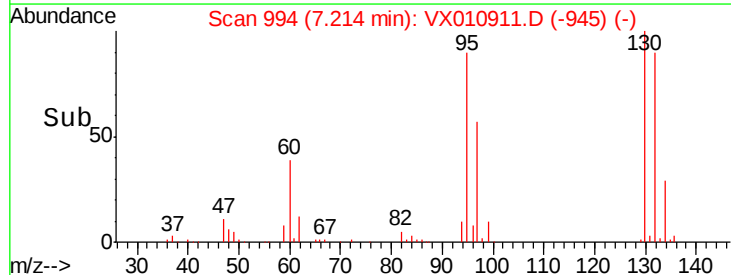
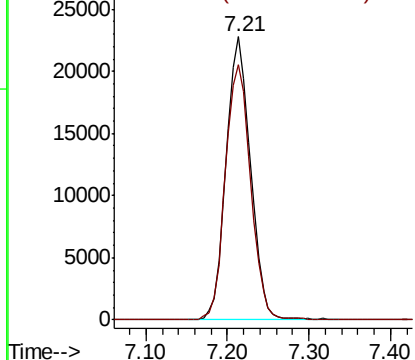
#44

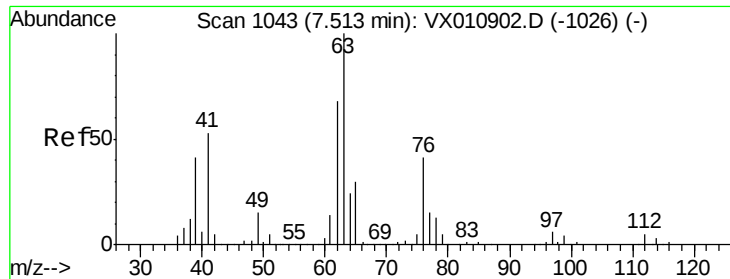
Trichloroethene  
 Concen: 19.150 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. -0.00 min  
 Lab File: VX010911.D  
 Acq: 16 Jul 2019 17:05

| Tgt Ion   | 130   | Resp | 46908 |
|-----------|-------|------|-------|
| Ion Ratio | 100   |      |       |
| Lower     | 0.0   |      |       |
| Upper     | 174.8 |      |       |
| 95        | 90.3  |      |       |



Abundance Ion 129.80 (129.50 to 130.50): V  
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 19.533 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

Instrument :

MSVOA\_X

ClientSampleId :

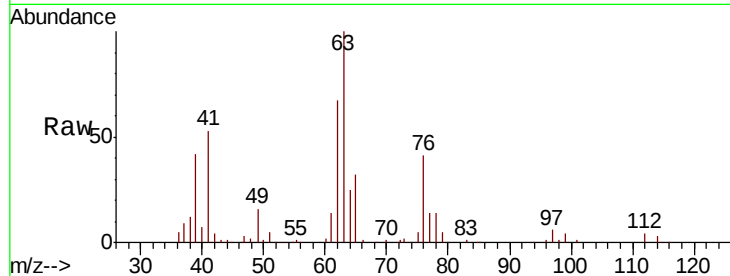
VX0716WBS01

Tot Ion: 63 Resp: 41140

Ion Ratio Lower Upper

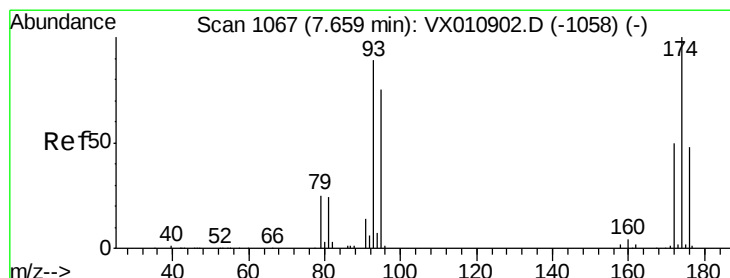
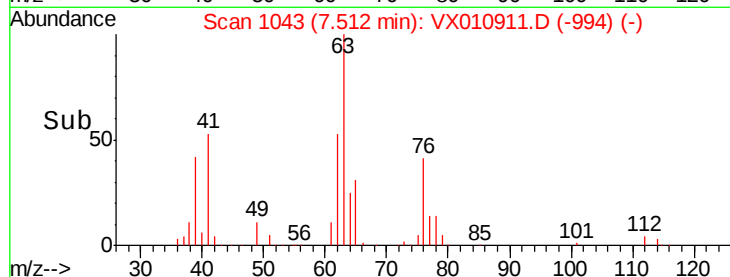
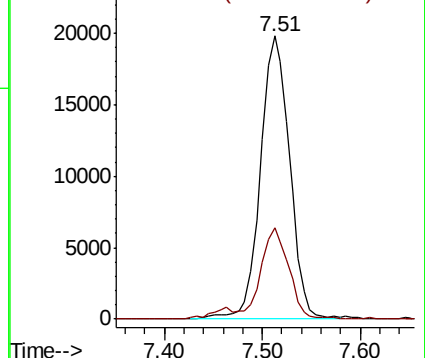
63 100

65 32.1 24.4 36.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.339 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

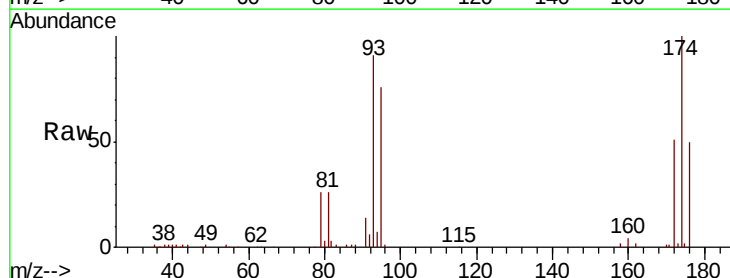
Tgt Ion: 93 Resp: 29106

Ion Ratio Lower Upper

93 100

95 86.5 67.2 100.8

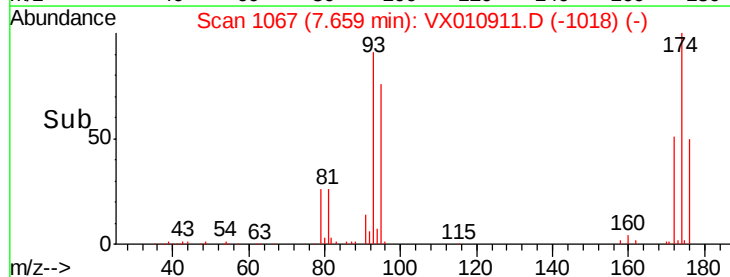
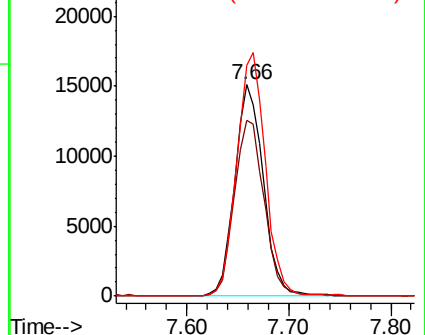
174 115.8 90.6 135.8

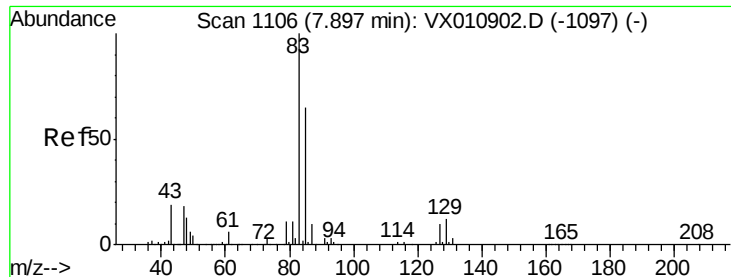


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.422 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0716WBS01

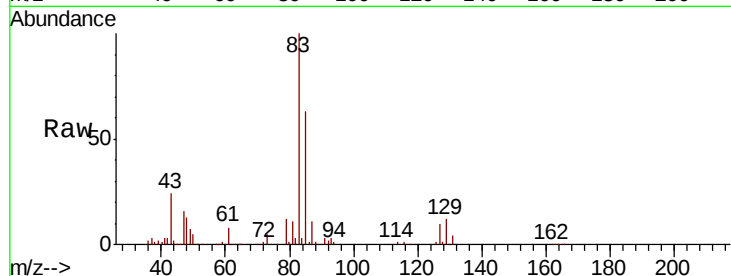
Tot Ion: 83 Resp: 52034

Ion Ratio Lower Upper

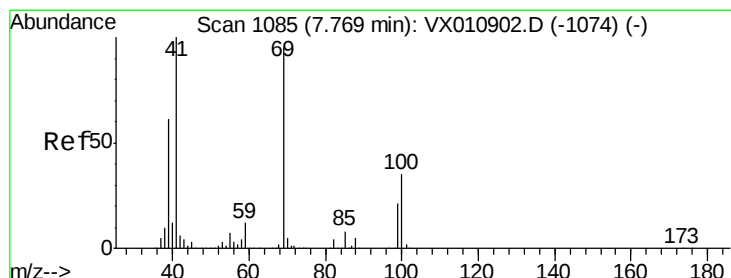
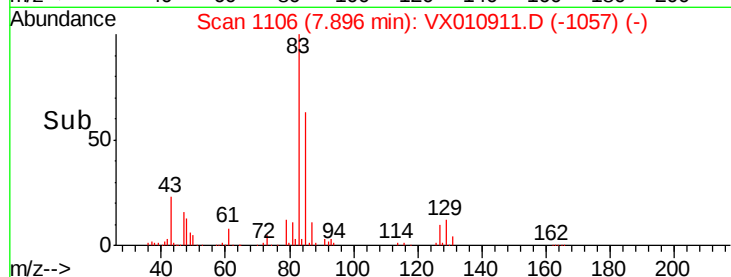
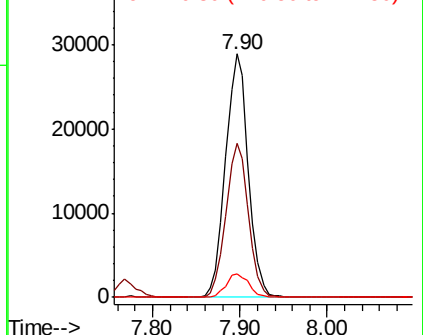
83 100

85 63.0 52.5 78.7

127 9.8 7.8 11.8



Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 84.90 (84.60 to 85.60): VX0  
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 19.005 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

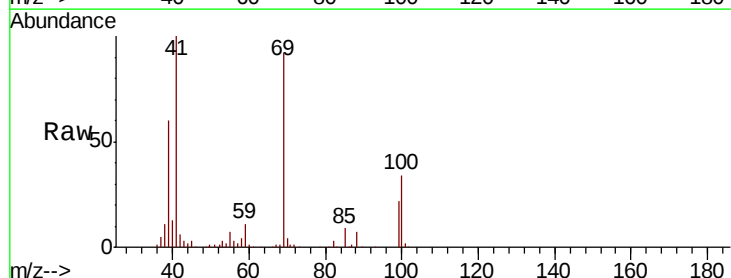
Tgt Ion: 41 Resp: 42113

Ion Ratio Lower Upper

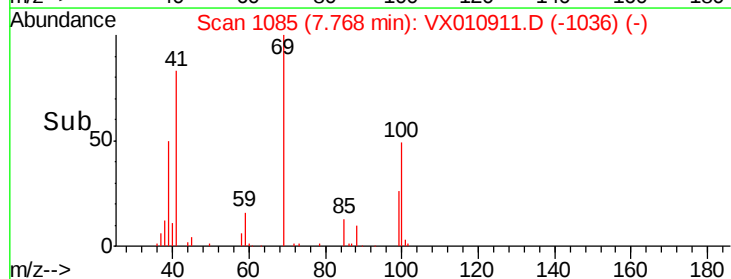
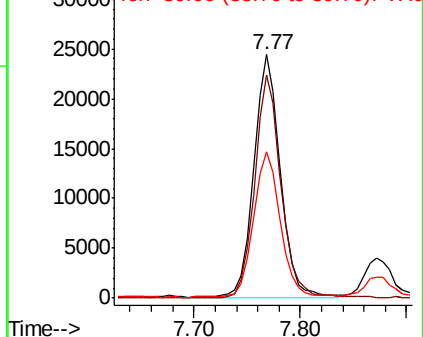
41 100

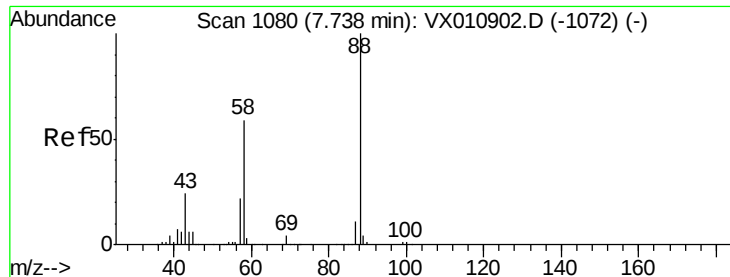
69 92.6 74.4 111.6

39 60.7 48.9 73.3



Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 69.00 (68.70 to 69.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 393.356 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0716WBS01

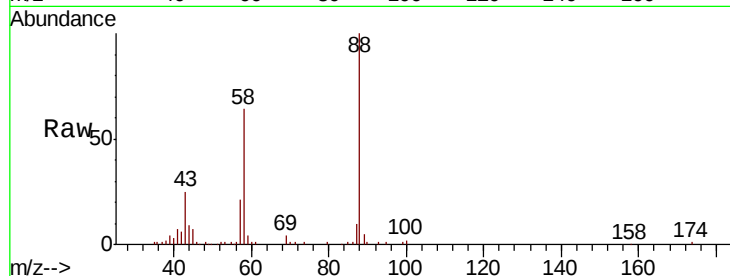
Tot Ion: 88 Resp: 24381

Ion Ratio Lower Upper

88 100

43 28.4 22.9 34.3

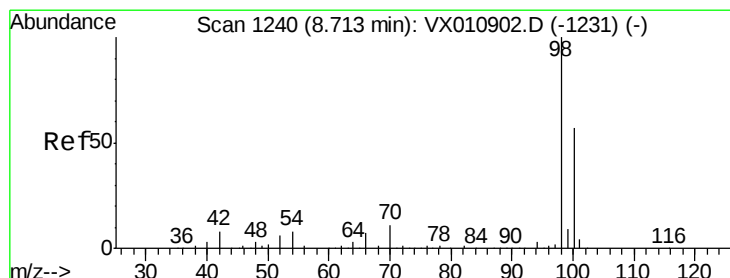
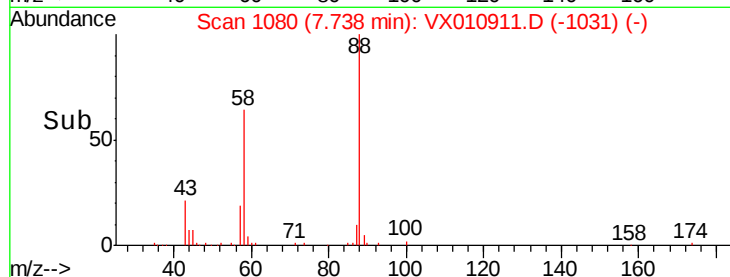
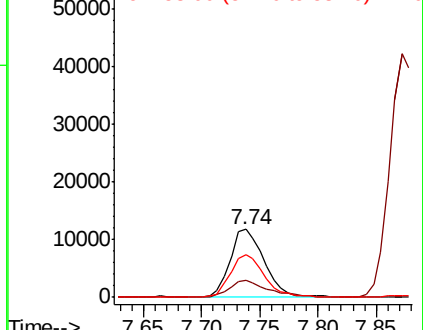
58 63.2 49.8 74.8



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 50.195 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX010911.D

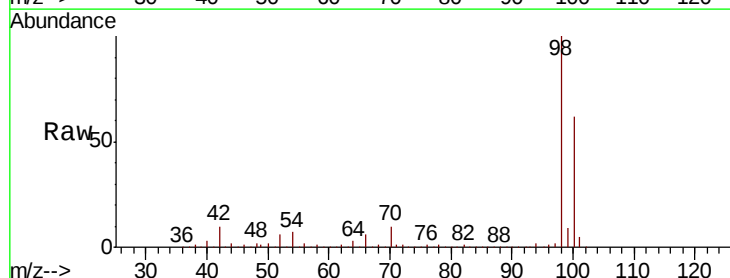
Acq: 16 Jul 2019 17:05

Tgt Ion: 98 Resp: 393004

Ion Ratio Lower Upper

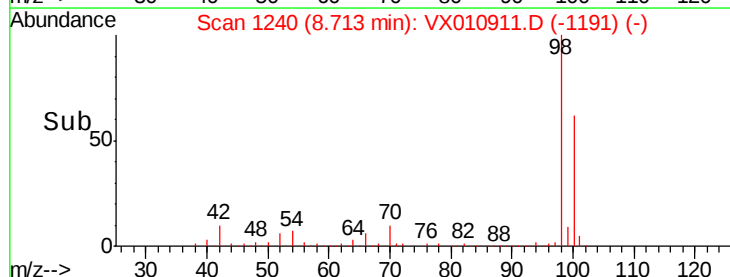
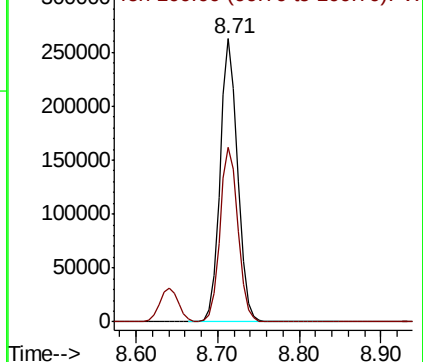
98 100

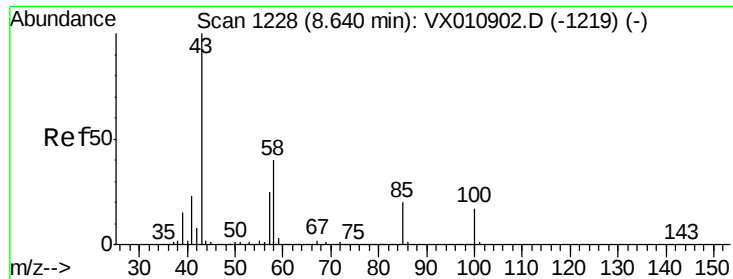
100 63.2 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

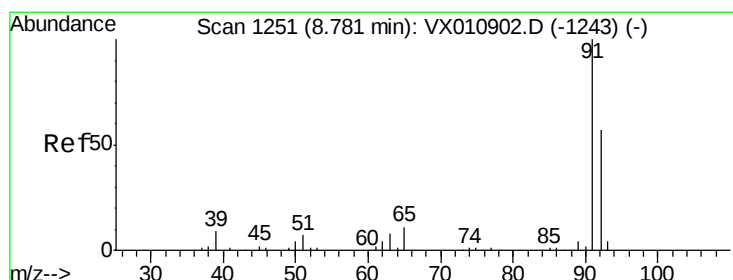
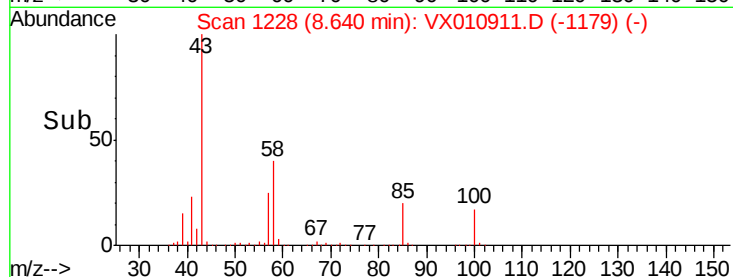
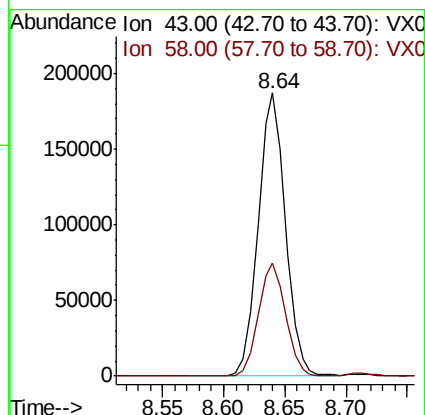
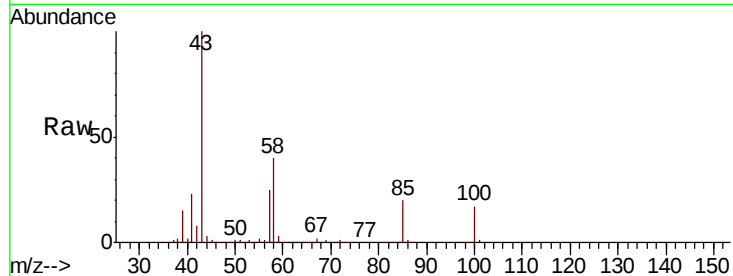




#51  
4-Methyl-2-Pentanone  
Concen: 98.417 ug/l  
RT: 8.64 min Scan# 1228  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

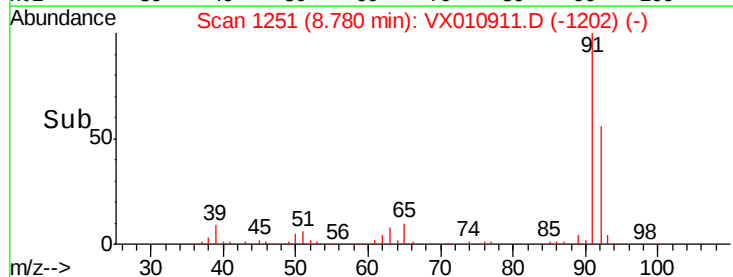
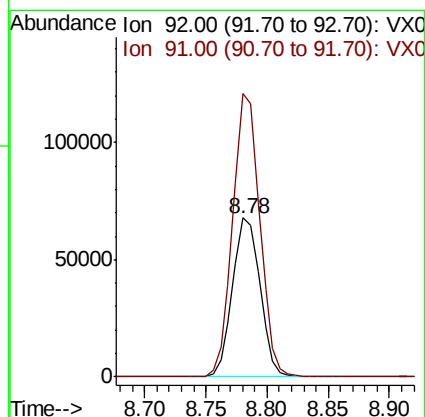
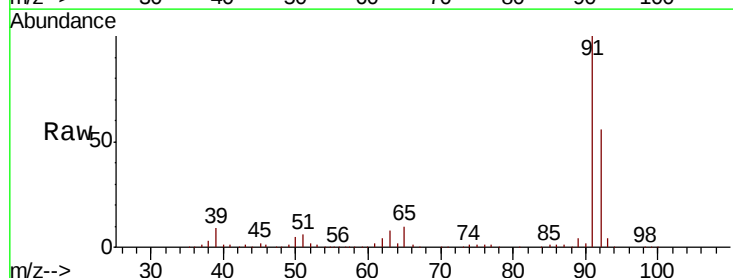
Instrument :  
MSVOA\_X  
ClientSampled :  
VX0716WBS01

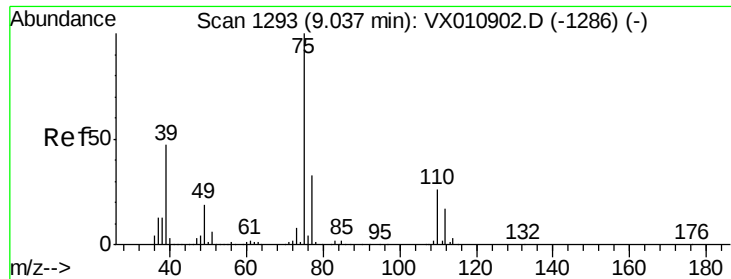
Tot Ion: 43 Resp: 290188  
Ion Ratio Lower Upper  
43 100  
58 40.1 32.2 48.4



#52  
Toluene  
Concen: 19.415 ug/l  
RT: 8.78 min Scan# 1251  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

Tgt Ion: 92 Resp: 105544  
Ion Ratio Lower Upper  
92 100  
91 175.4 139.4 209.0





#53

t-1,3-Dichloropropene

Concen: 18.381 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.01 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

Instrument :

MSVOA\_X

ClientSampleId :

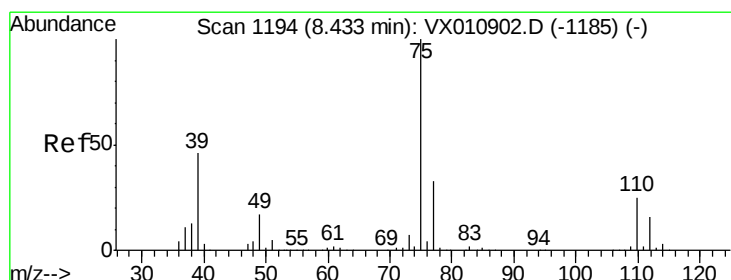
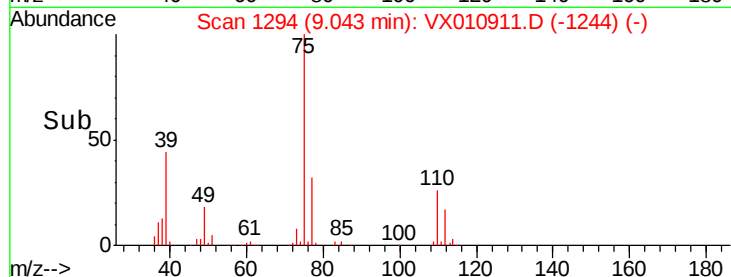
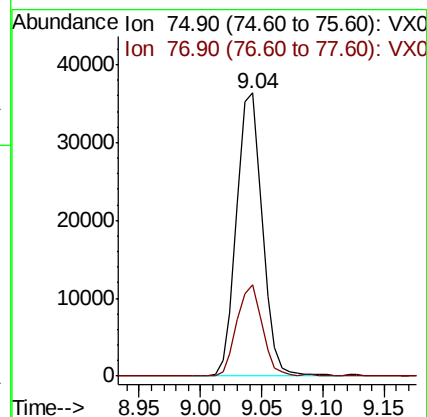
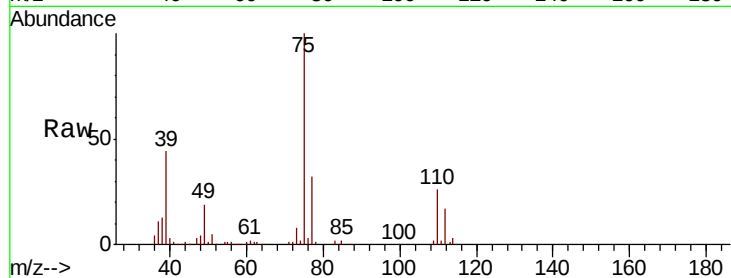
VX0716WBS01

Tot Ion: 75 Resp: 52949

Ion Ratio Lower Upper

75 100

77 32.3 26.2 39.2



#54

cis-1,3-Dichloropropene

Concen: 19.084 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

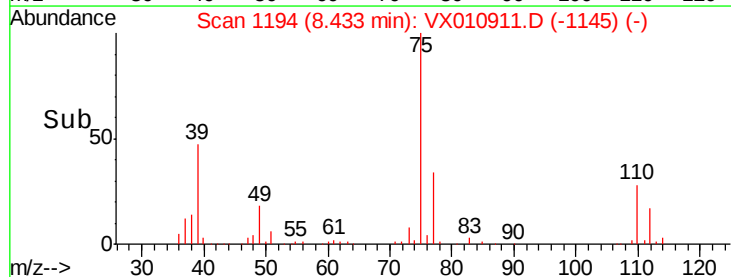
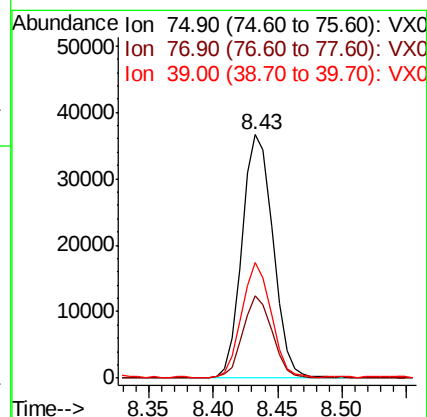
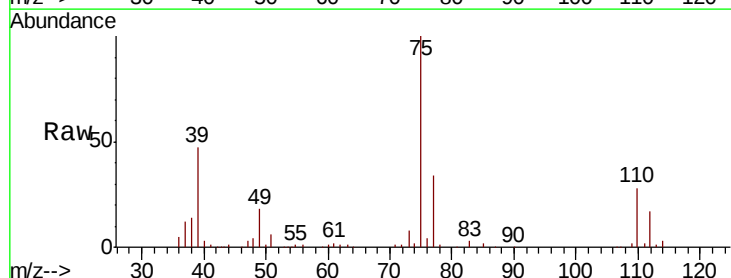
Tgt Ion: 75 Resp: 61174

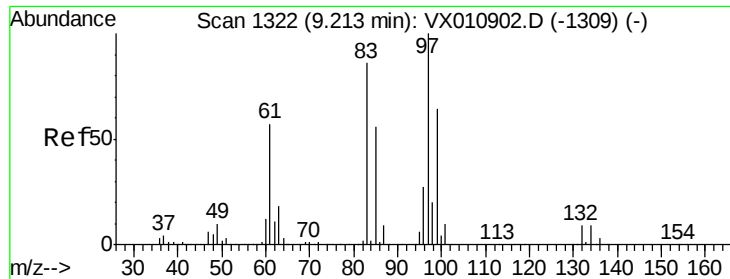
Ion Ratio Lower Upper

75 100

77 33.9 26.1 39.1

39 47.2 36.6 54.8

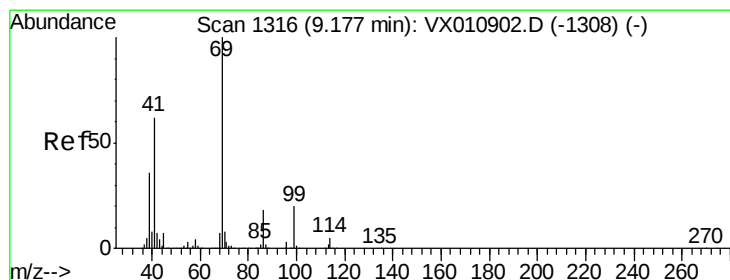
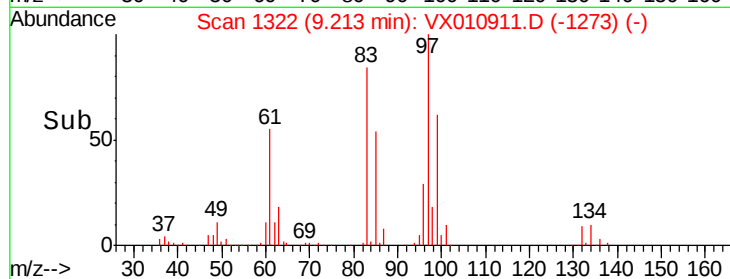
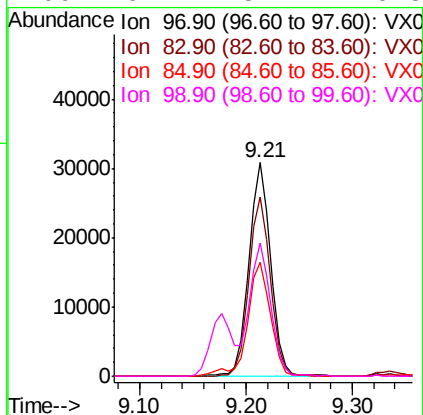
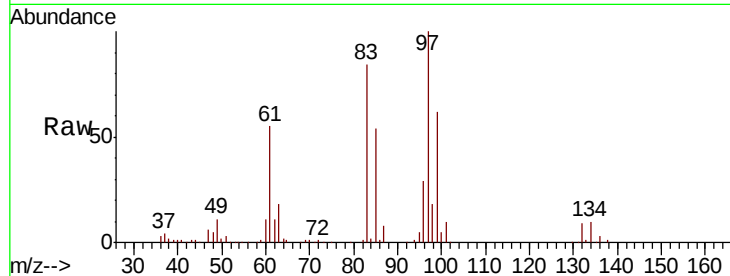




#55  
 1,1,2-Trichloroethane  
 Concen: 19.778 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX010911.D  
 Acq: 16 Jul 2019 17:05

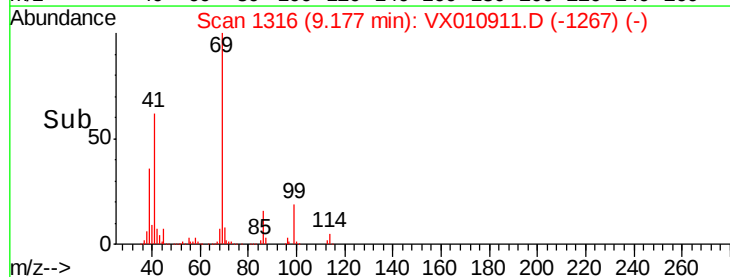
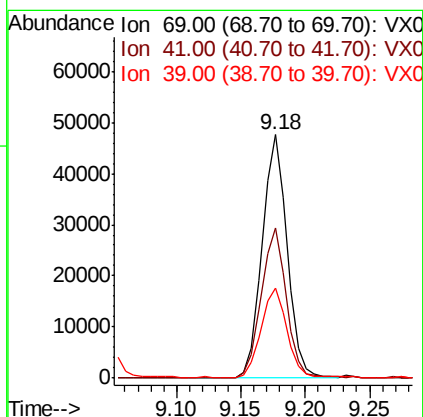
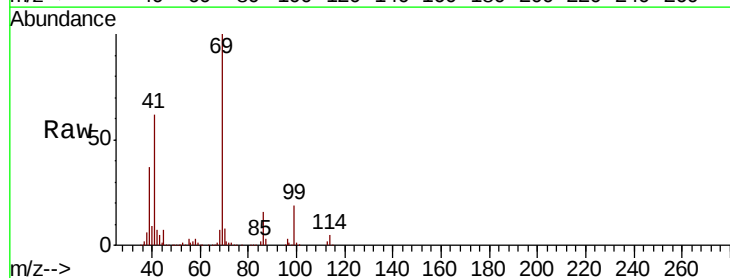
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0716WBS01

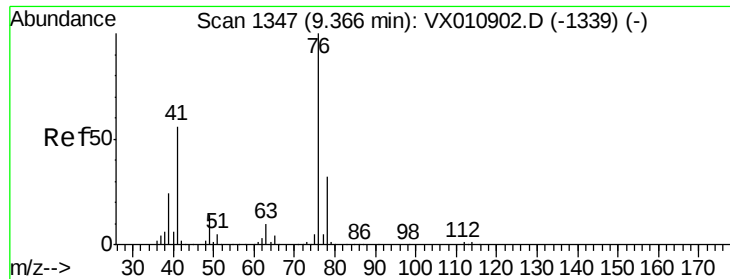
|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 97    | Resp: | 44270 |
| Ion      | Ratio | Lower | Upper |
| 97       | 100   |       |       |
| 83       | 84.1  | 69.2  | 103.8 |
| 85       | 53.6  | 44.6  | 66.8  |
| 99       | 62.4  | 51.2  | 76.8  |



#56  
 Ethyl methacrylate  
 Concen: 19.440 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VX010911.D  
 Acq: 16 Jul 2019 17:05

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 69    | Resp: | 63651 |
| Ion      | Ratio | Lower | Upper |
| 69       | 100   |       |       |
| 41       | 62.0  | 49.7  | 74.5  |
| 39       | 38.4  | 29.6  | 44.4  |





#57

1,3-Dichloropropane

Concen: 19.390 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.01 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

Instrument :

MSVOA\_X

ClientSampleId :

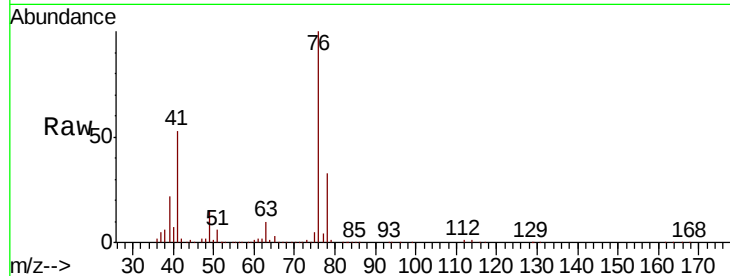
VX0716WBS01

Tot Ion: 76 Resp: 68852

Ion Ratio Lower Upper

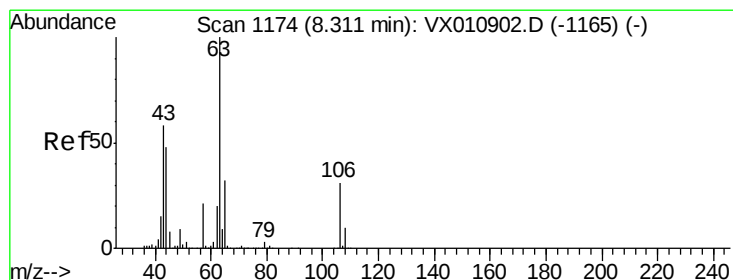
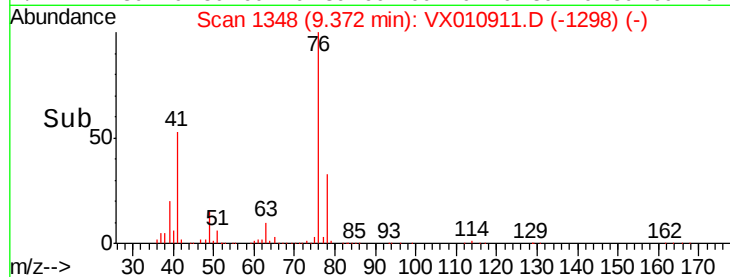
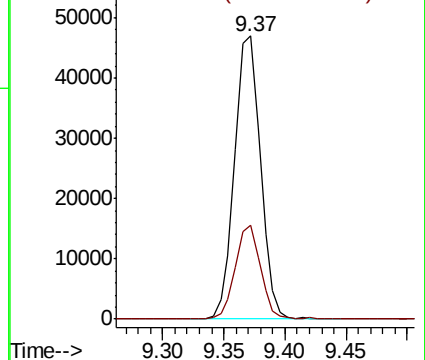
76 100

78 32.3 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 99.504 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX010911.D

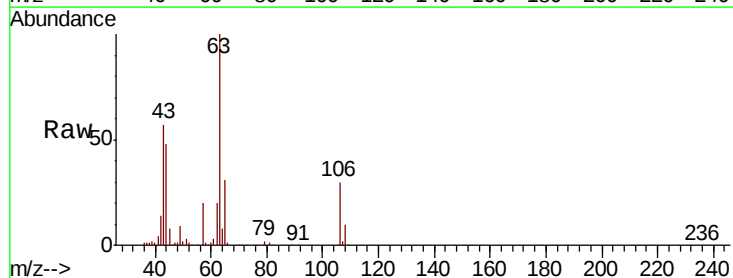
Acq: 16 Jul 2019 17:05

Tgt Ion: 63 Resp: 155521

Ion Ratio Lower Upper

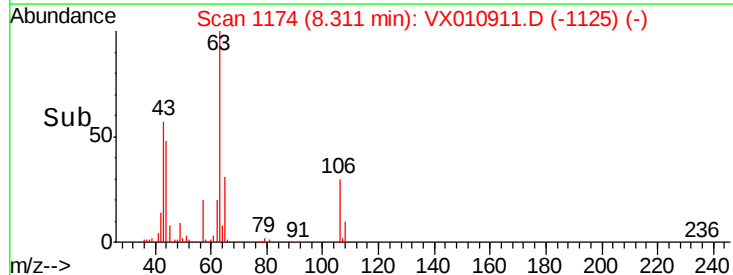
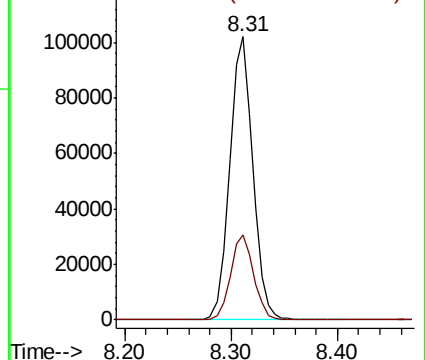
63 100

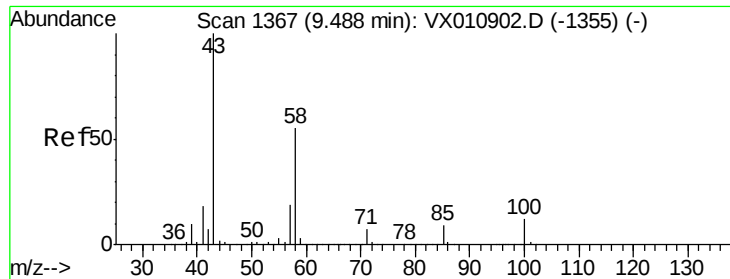
106 30.0 24.0 36.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

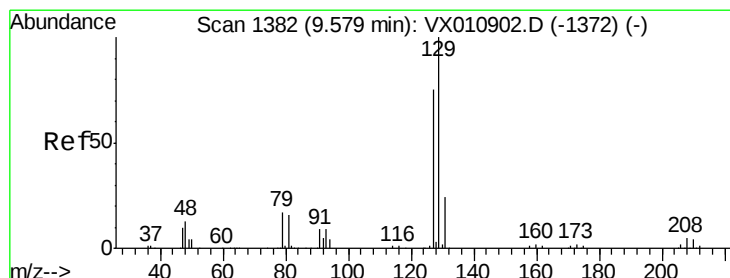
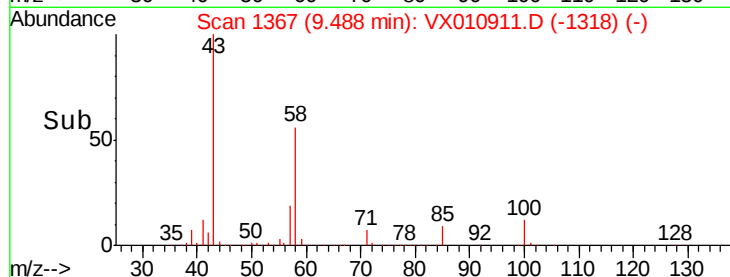
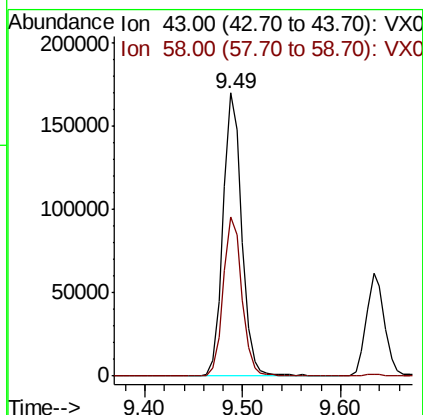
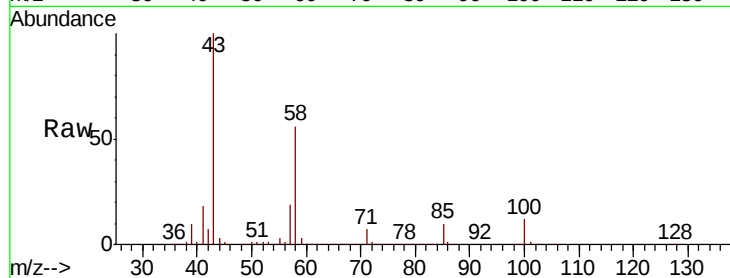




#59  
2-Hexanone  
Concen: 98.875 ug/l  
RT: 9.49 min Scan# 1367  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

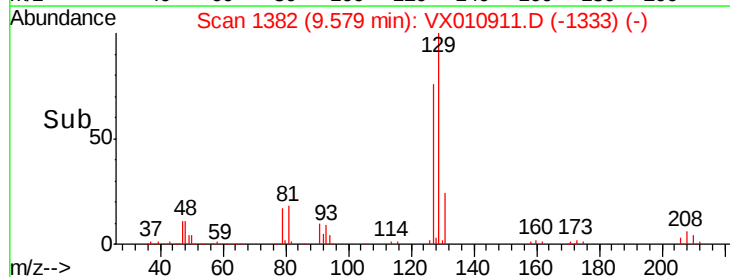
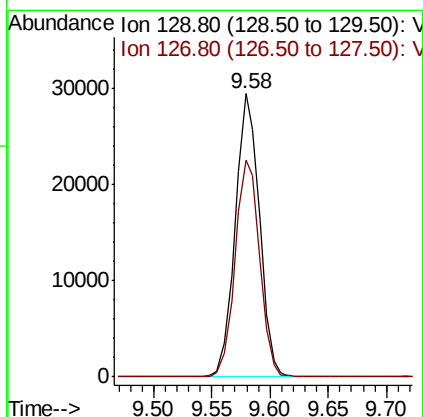
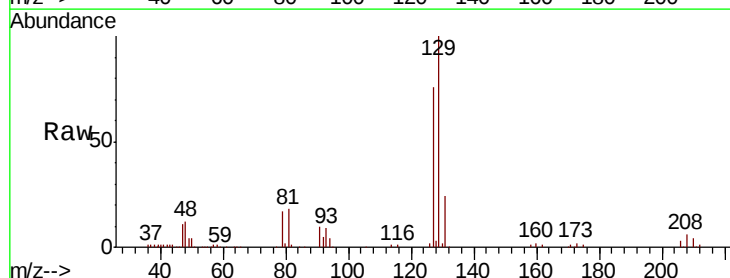
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0716WBS01

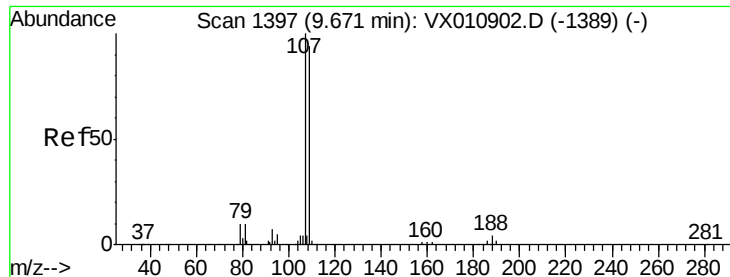
Tot Ion: 43 Resp: 226121  
Ion Ratio Lower Upper  
43 100  
58 56.1 28.0 83.9



#60  
Dibromochloromethane  
Concen: 18.255 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

Tgt Ion: 129 Resp: 42673  
Ion Ratio Lower Upper  
129 100  
127 77.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 19.816 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

Instrument :

MSVOA\_X

ClientSampleId :

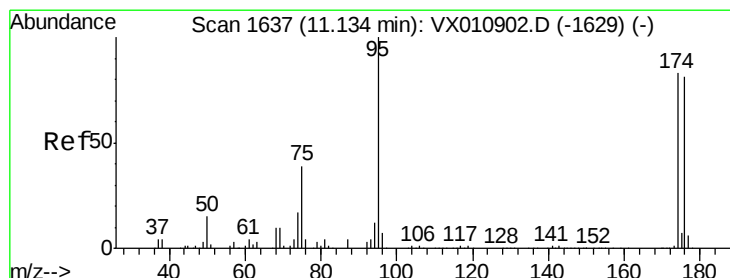
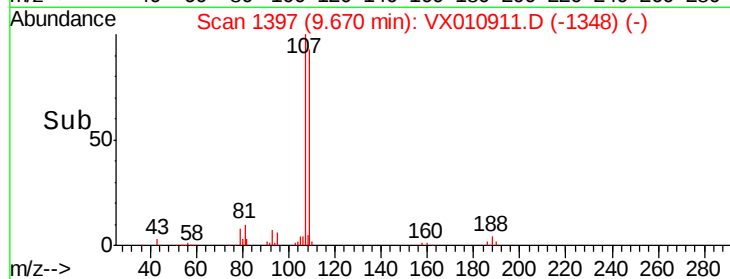
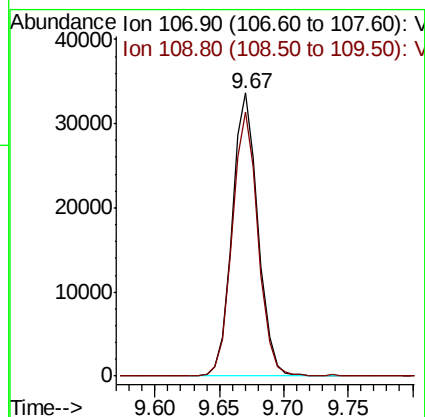
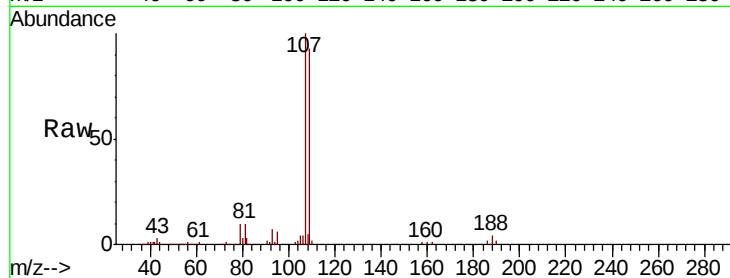
VX0716WBS01

Tot Ion:107 Resp: 47072

Ion Ratio Lower Upper

107 100

109 93.8 75.4 113.0



#62

4-Bromofluorobenzene

Concen: 48.937 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

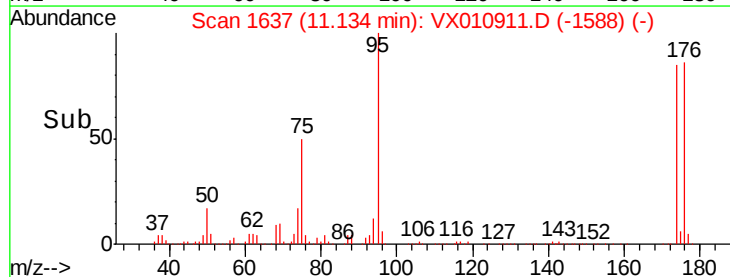
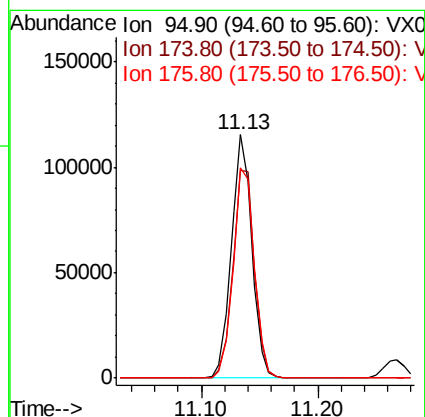
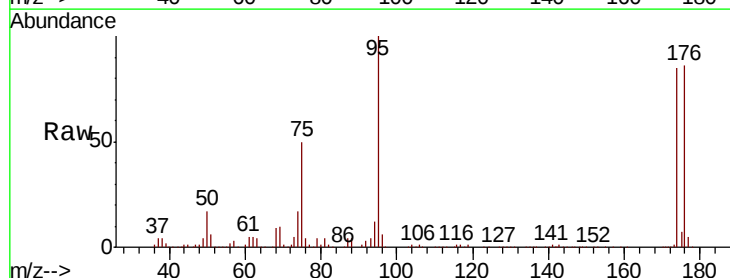
Tgt Ion: 95 Resp: 140836

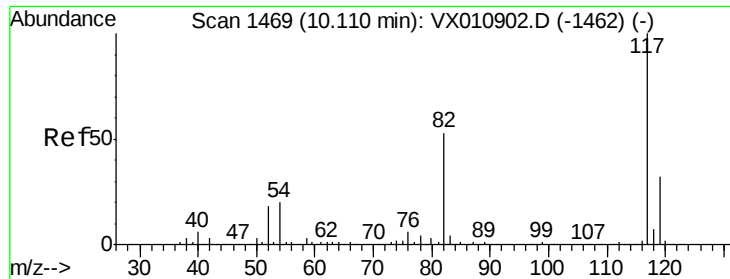
Ion Ratio Lower Upper

95 100

174 90.4 0.0 180.6

176 89.3 0.0 173.8

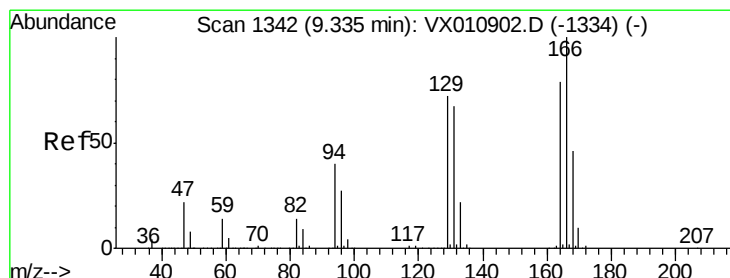
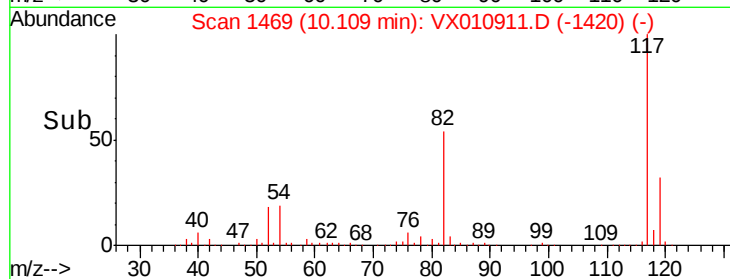
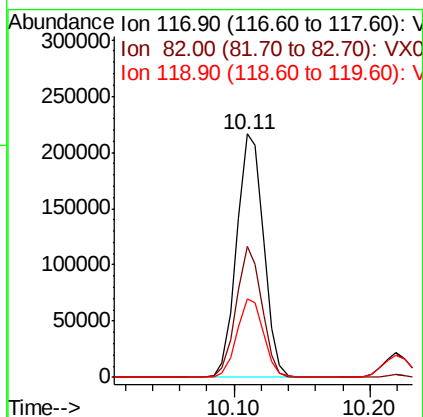
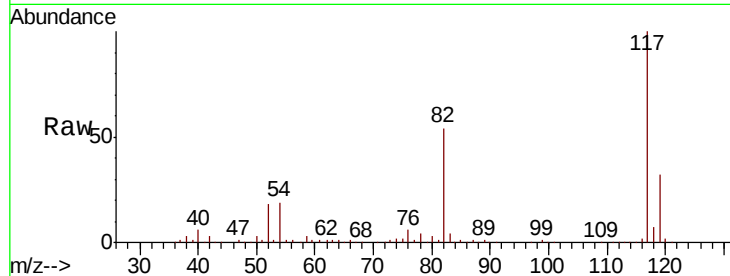




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

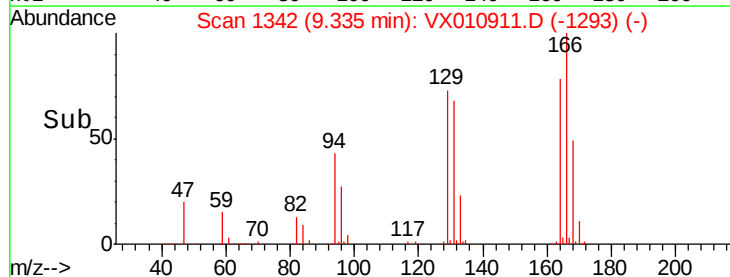
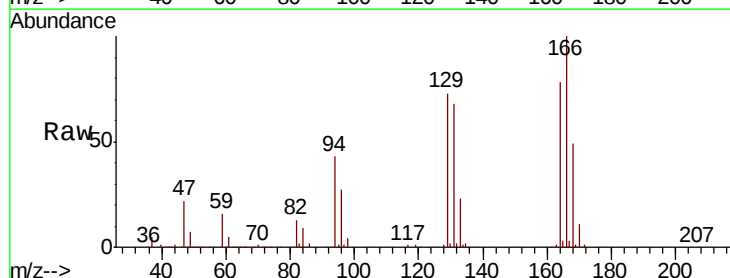
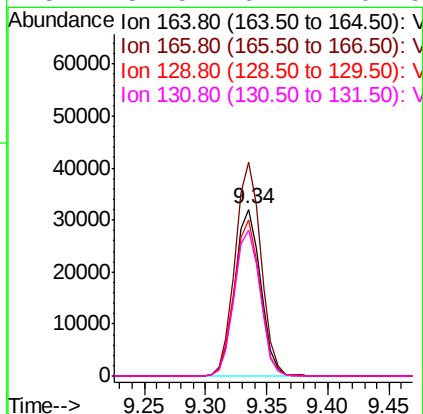
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0716WBS01

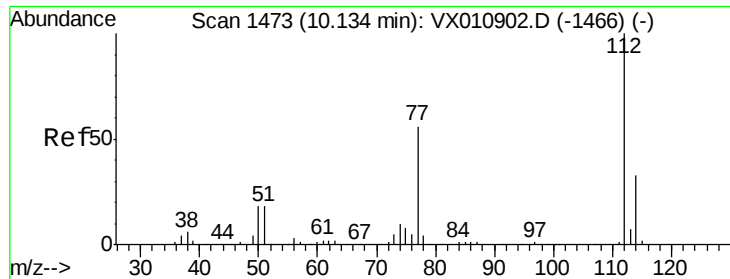
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 117     | 100   |       |       |
| 82      | 54.0  | 42.6  | 63.8  |
| 119     | 32.2  | 25.9  | 38.9  |



#64  
Tetrachloroethene  
Concen: 19.876 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 128.3 | 100.8 | 151.2 |
| 129     | 94.0  | 72.6  | 109.0 |
| 131     | 87.5  | 67.7  | 101.5 |

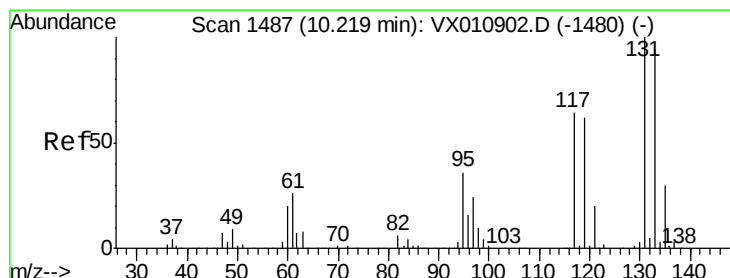
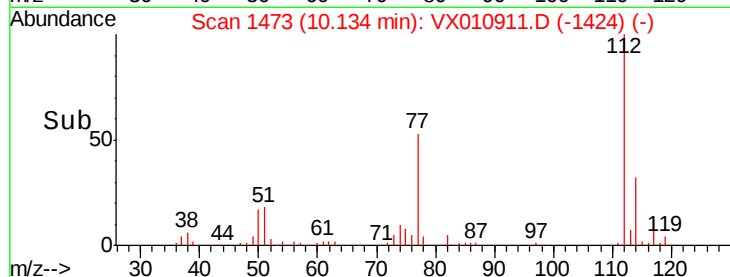
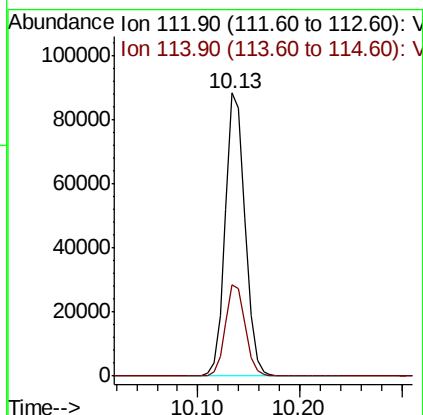
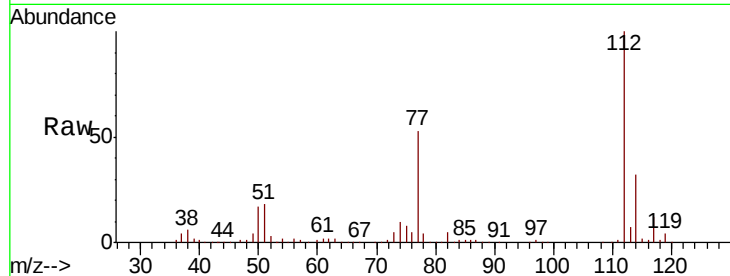




#65  
Chlorobenzene  
Concen: 19.377 ug/l  
RT: 10.13 min Scan# 1473  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

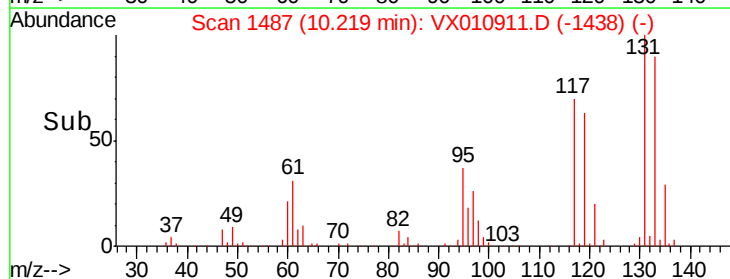
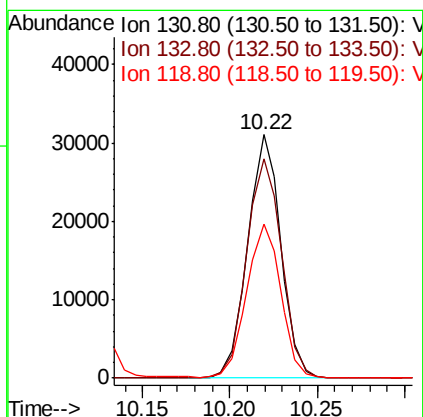
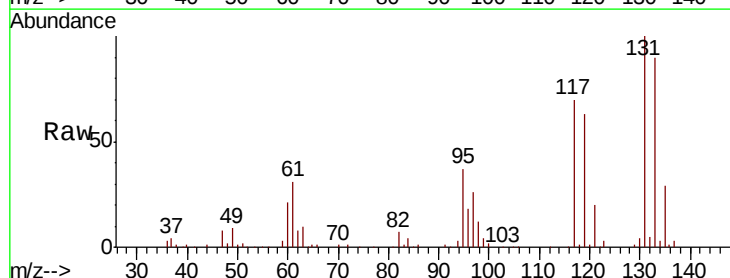
Instrument :  
MSVOA\_X  
ClientSampled :  
VX0716WBS01

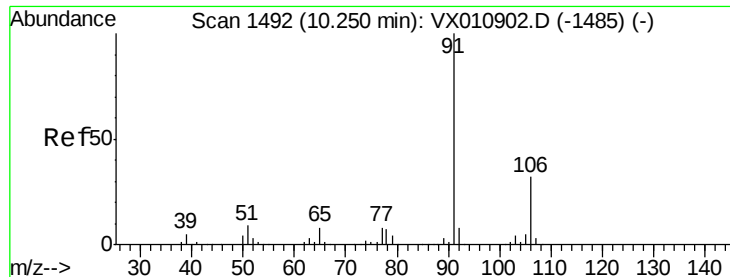
Tot Ion:112 Resp: 118599  
Ion Ratio Lower Upper  
112 100  
114 32.4 26.2 39.4



#66  
1,1,1,2-Tetrachloroethane  
Concen: 19.112 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

Tgt Ion:131 Resp: 41112  
Ion Ratio Lower Upper  
131 100  
133 95.0 47.1 141.4  
119 65.8 31.9 95.7





#67

Ethyl Benzene

Concen: 19.402 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

Instrument :

MSVOA\_X

ClientSampleId :

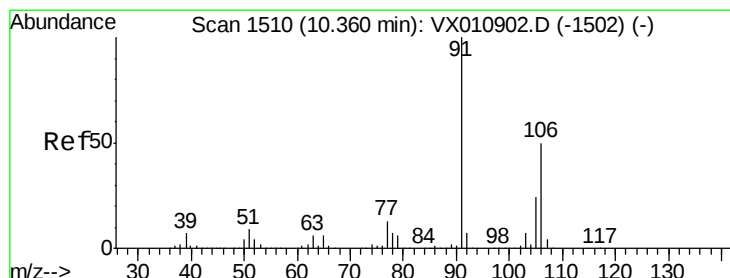
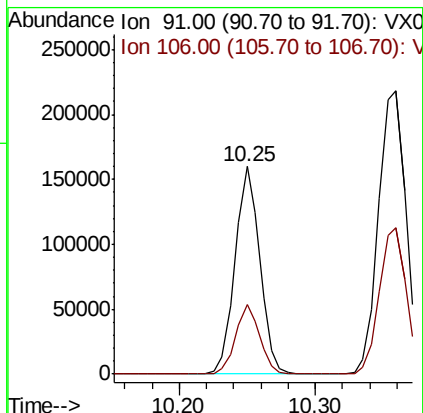
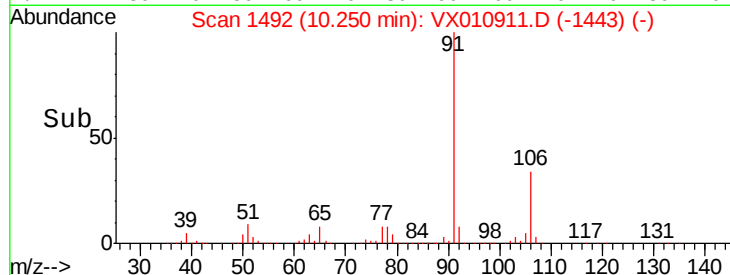
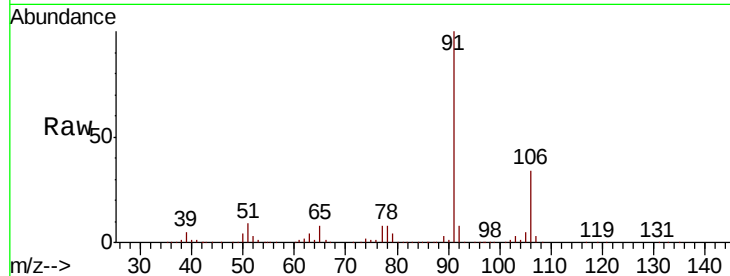
VX0716WBS01

Tot Ion: 91 Resp: 202130

Ion Ratio Lower Upper

91 100

106 33.7 25.4 38.2



#68

m/p-Xylenes

Concen: 38.990 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX010911.D

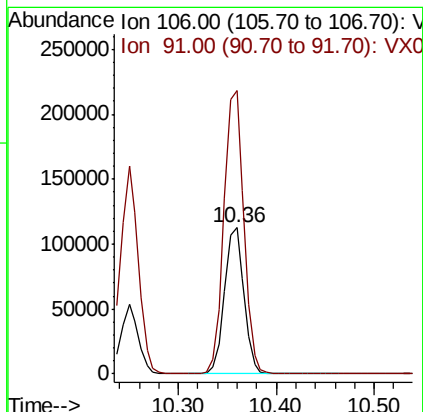
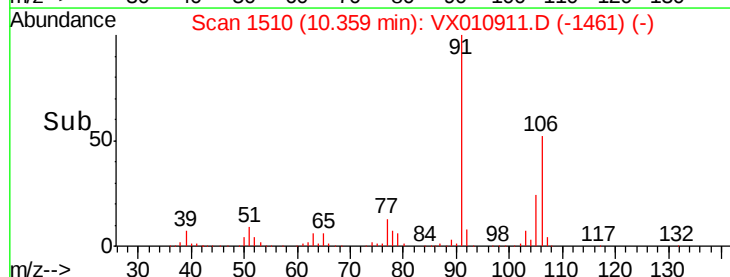
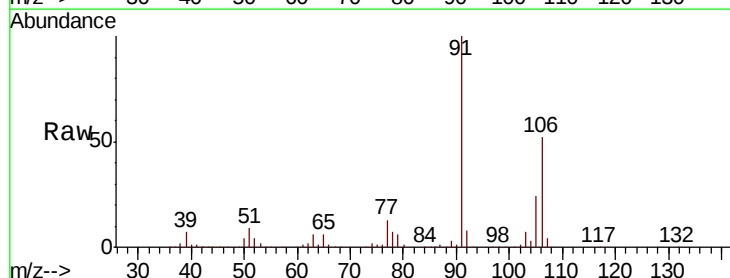
Acq: 16 Jul 2019 17:05

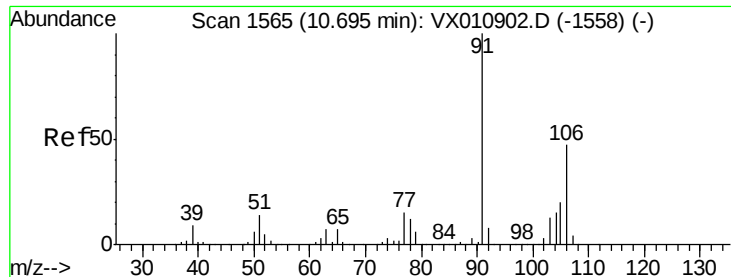
Tgt Ion: 106 Resp: 155814

Ion Ratio Lower Upper

106 100

91 197.6 160.1 240.1

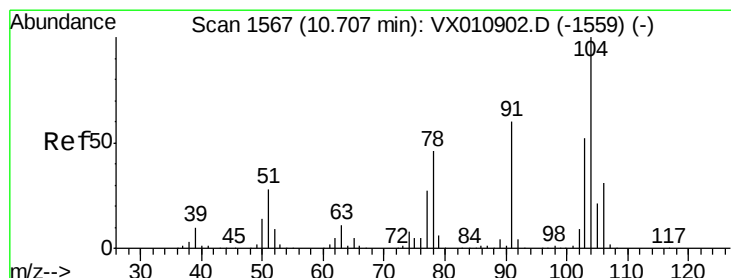
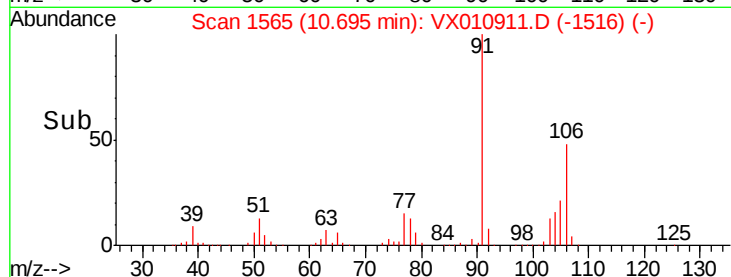
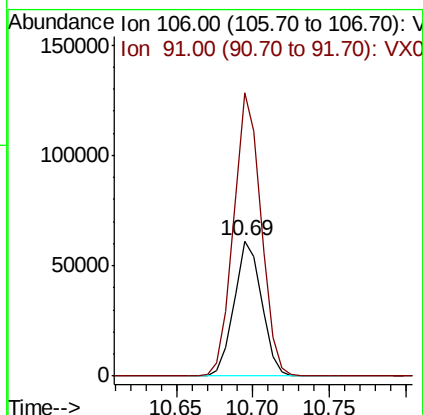
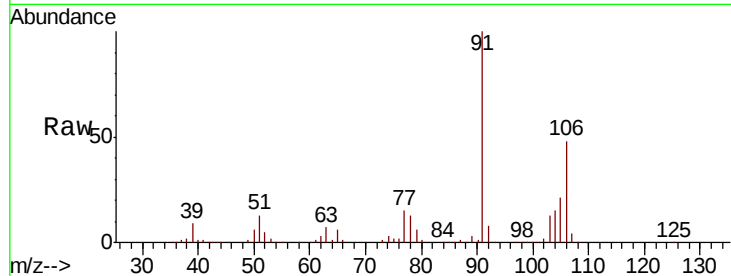




#69  
o-Xylene  
Concen: 19.639 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

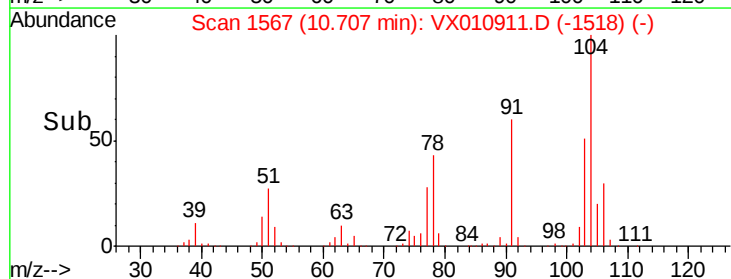
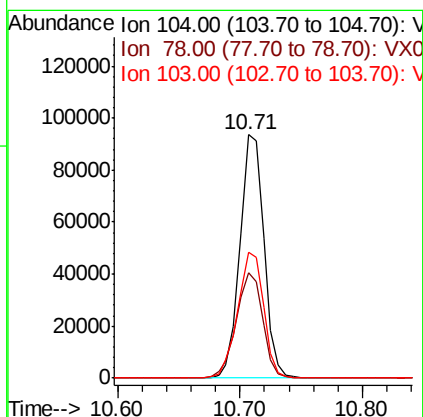
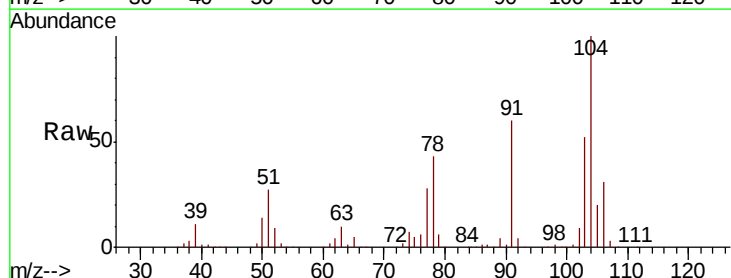
Instrument :  
MSVOA\_X  
ClientSampled :  
VX0716WBS01

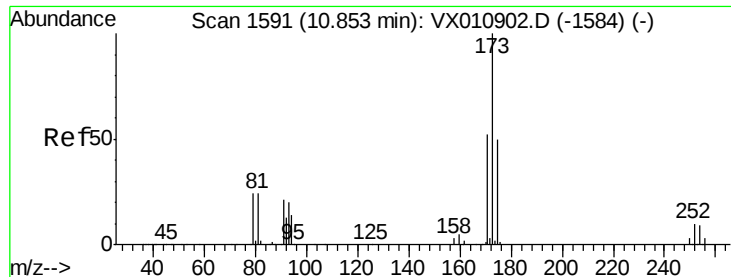
Tot Ion:106 Resp: 76596  
Ion Ratio Lower Upper  
106 100  
91 208.5 105.1 315.3



#70  
Styrene  
Concen: 19.540 ug/l  
RT: 10.71 min Scan# 1567  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

Tgt Ion:104 Resp: 127040  
Ion Ratio Lower Upper  
104 100  
78 47.8 38.8 58.2  
103 55.8 44.2 66.4





#71

Bromoform

Concen: 17.420 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0716WBS01

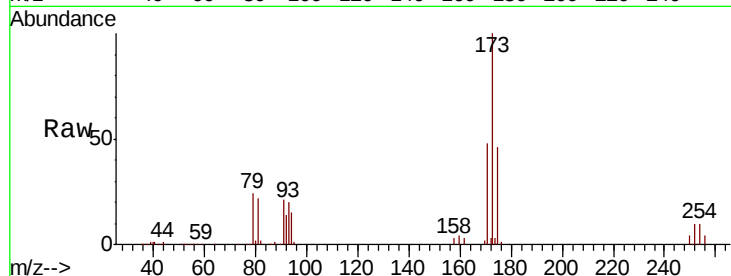
Tot Ion:173 Resp: 30691

Ion Ratio Lower Upper

173 100

175 49.2 24.6 73.6

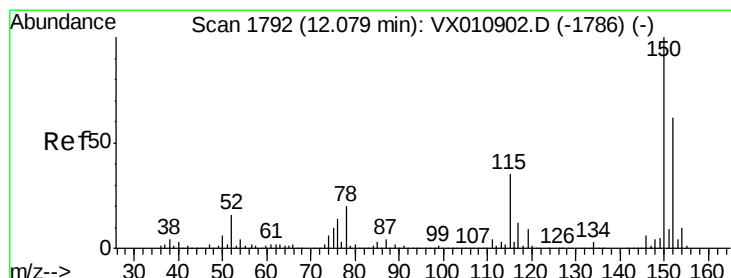
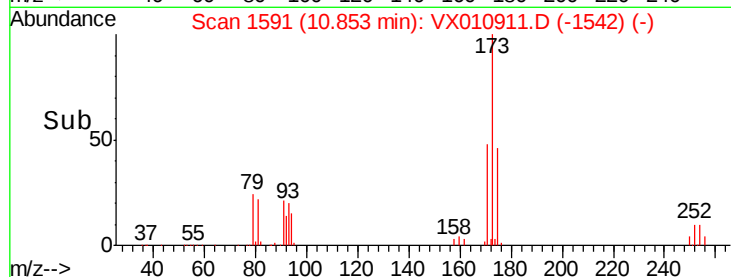
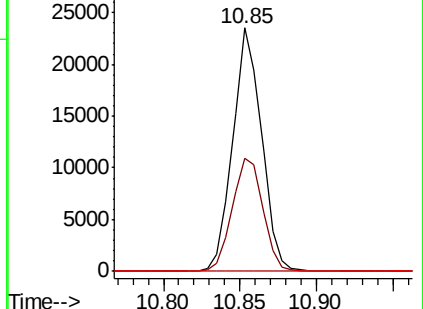
254 0.0 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

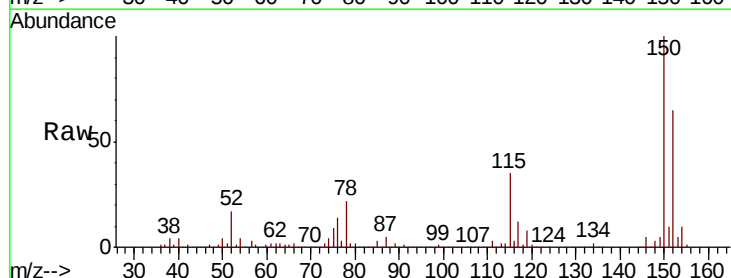
Tgt Ion:152 Resp: 151301

Ion Ratio Lower Upper

152 100

115 65.1 39.7 119.1

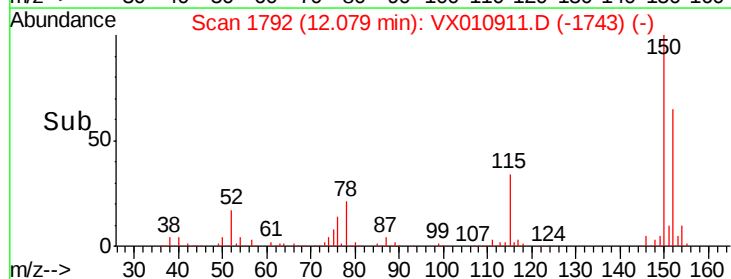
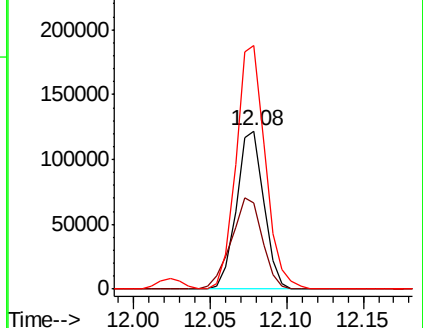
150 163.9 0.0 345.6

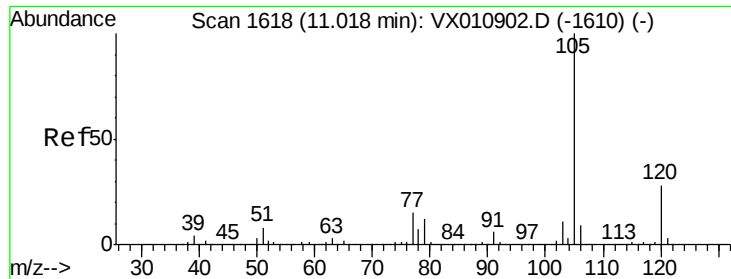


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

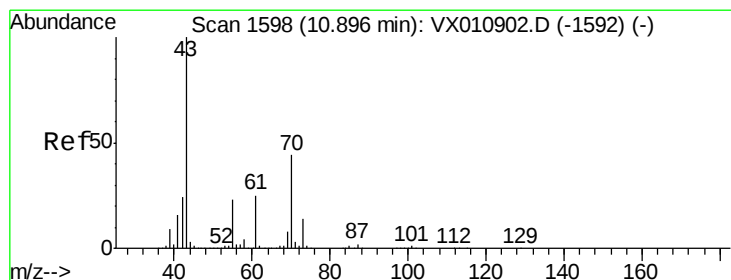
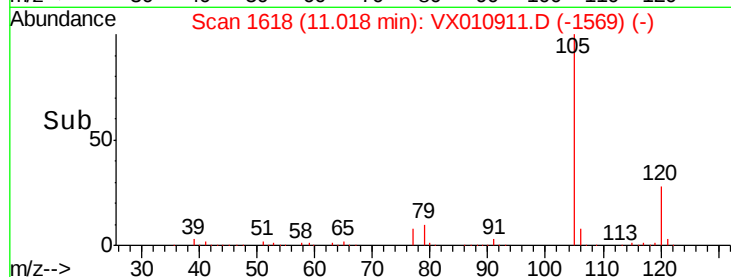
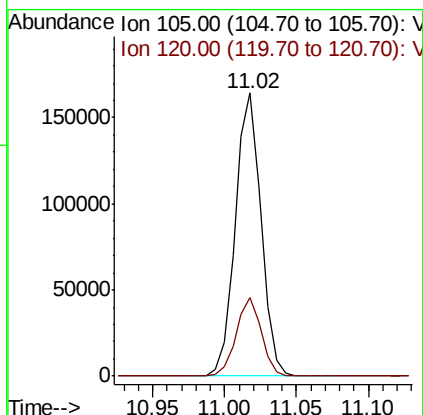
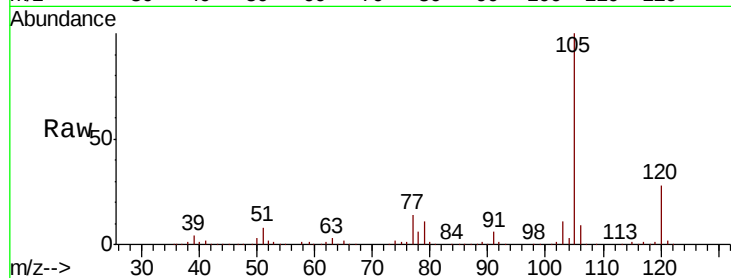




#73  
Isopropylbenzene  
Concen: 20.025 ug/l  
RT: 11.02 min Scan# 1618  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

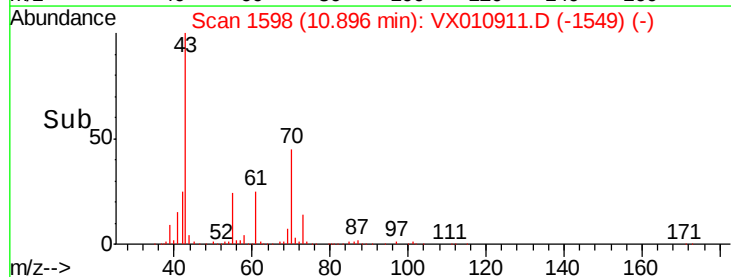
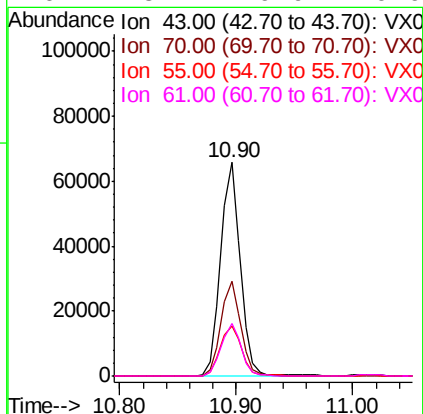
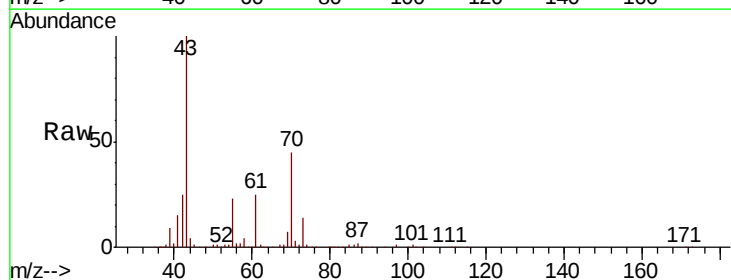
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0716WBS01

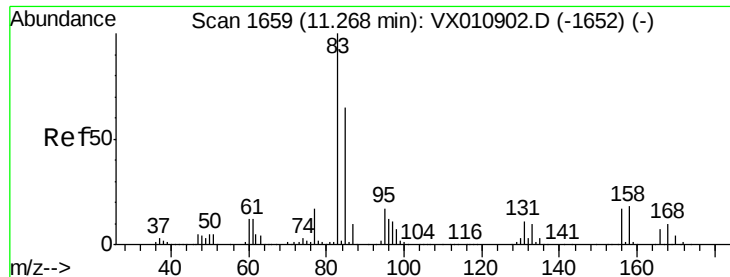
Tot Ion:105 Resp: 204727  
Ion Ratio Lower Upper  
105 100  
120 27.2 13.7 41.1



#74  
N-ethyl acetate  
Concen: 19.539 ug/l  
RT: 10.90 min Scan# 1598  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

Tgt Ion: 43 Resp: 76323  
Ion Ratio Lower Upper  
43 100  
70 44.8 34.7 52.1  
55 25.8 19.1 28.7  
61 25.1 19.9 29.9





#75

1,1,2,2-Tetrachloroethane

Concen: 20.124 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

Instrument :

MSVOA\_X

ClientSampled :

VX0716WBS01

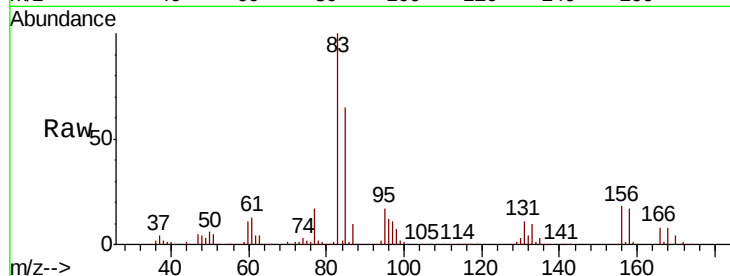
Tot Ion: 83 Resp: 67329

Ion Ratio Lower Upper

83 100

131 11.0 5.5 16.4

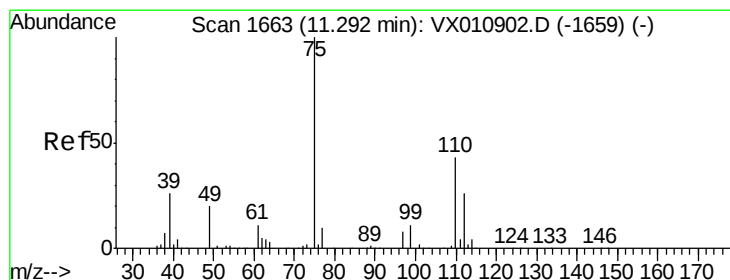
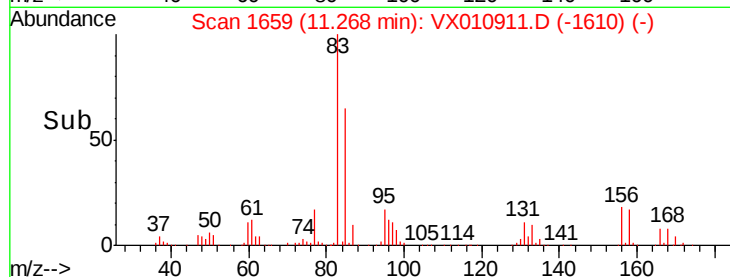
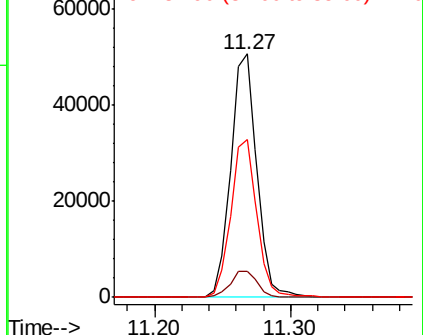
85 65.2 32.3 96.9



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.623 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010911.D

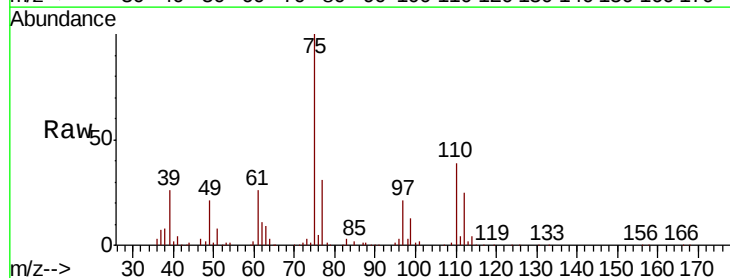
Acq: 16 Jul 2019 17:05

Tgt Ion: 75 Resp: 69959

Ion Ratio Lower Upper

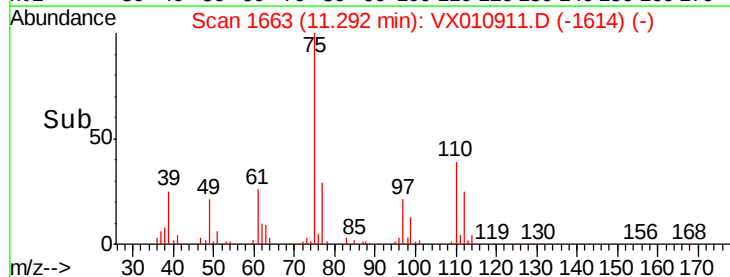
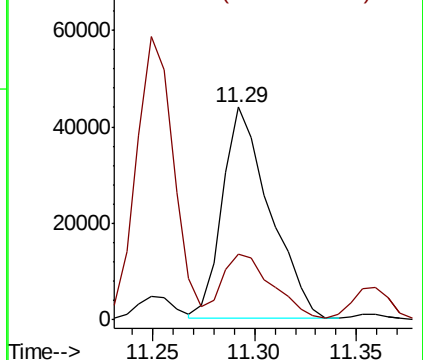
75 100

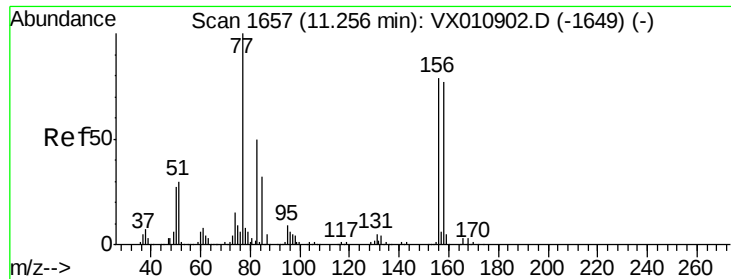
77 33.4 21.3 64.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.142 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0716WBS01

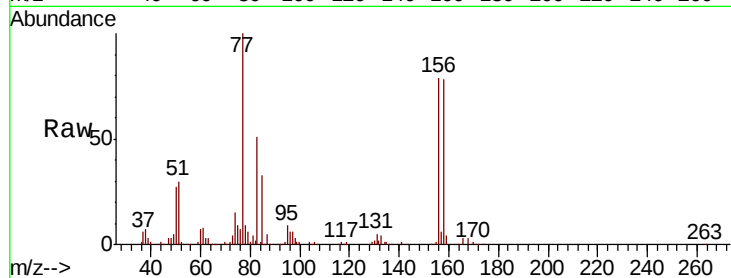
Tot Ion:156 Resp: 53979

Ion Ratio Lower Upper

156 100

77 138.0 68.7 206.1

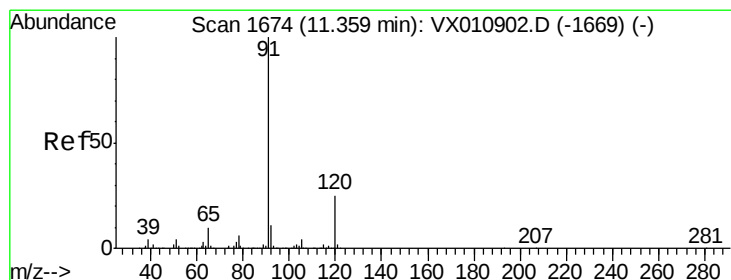
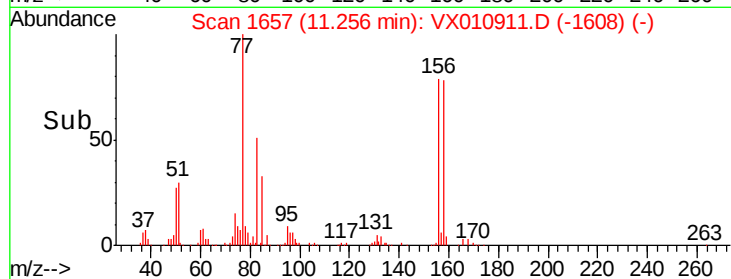
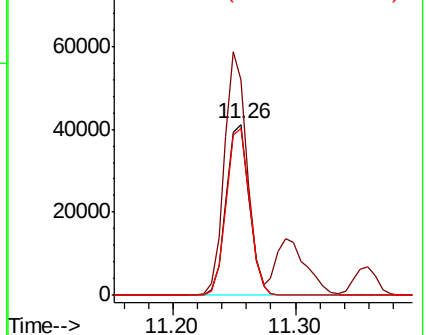
158 97.9 47.9 143.7



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.695 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010911.D

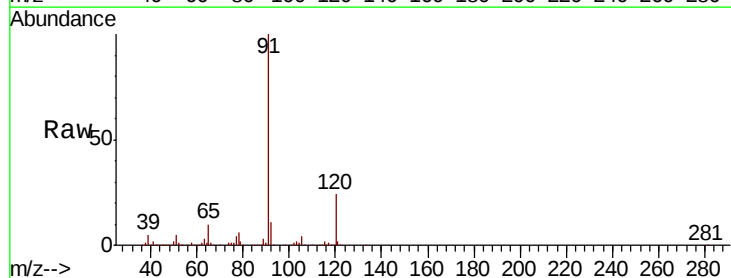
Acq: 16 Jul 2019 17:05

Tgt Ion: 91 Resp: 222471

Ion Ratio Lower Upper

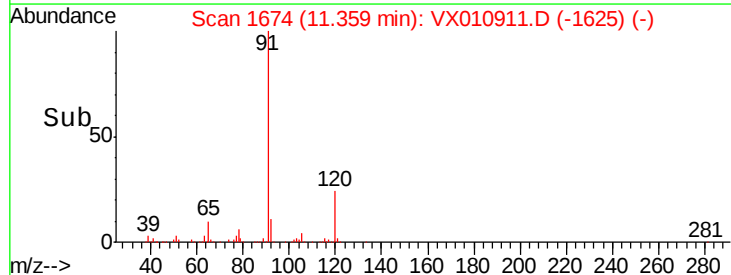
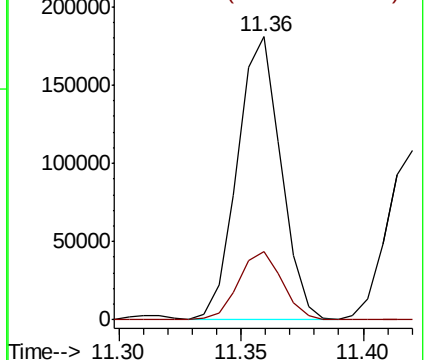
91 100

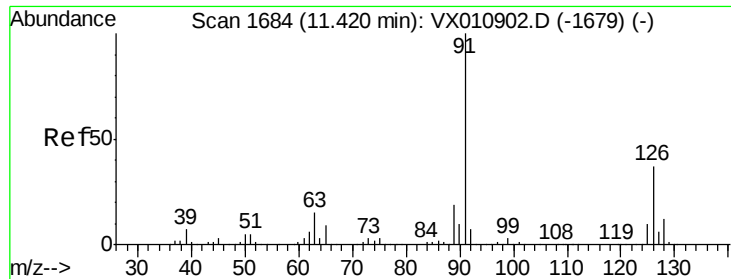
120 24.4 12.3 36.8



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

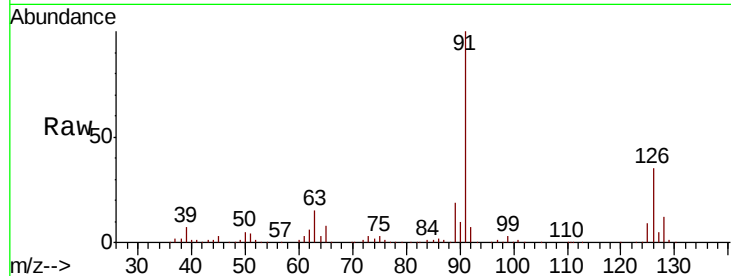




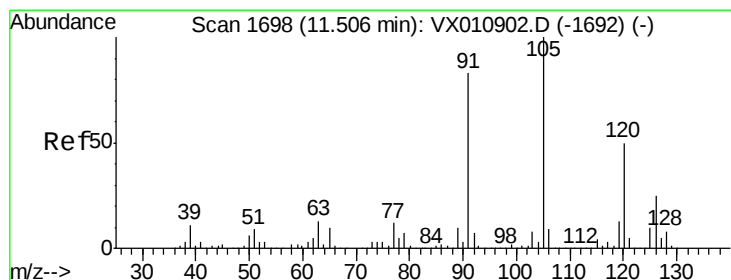
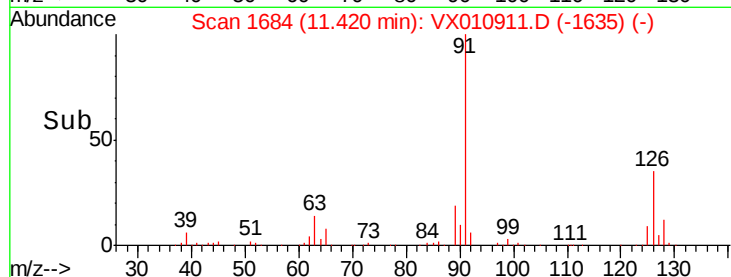
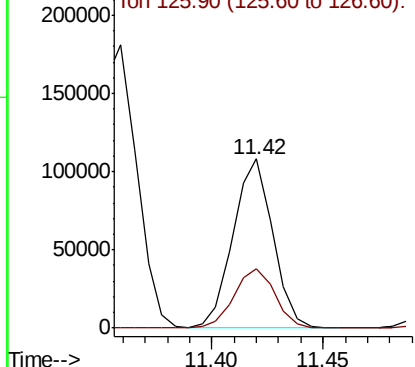
#79  
2-Chlorotoluene  
Concen: 19.692 ug/l  
RT: 11.42 min Scan# 1684  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0716WBS01

Tot Ion: 91 Resp: 133624  
Ion Ratio Lower Upper  
91 100  
126 36.3 18.0 54.0

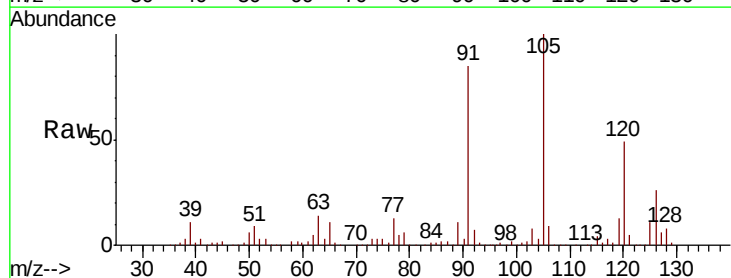


Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 125.90 (125.60 to 126.60): V

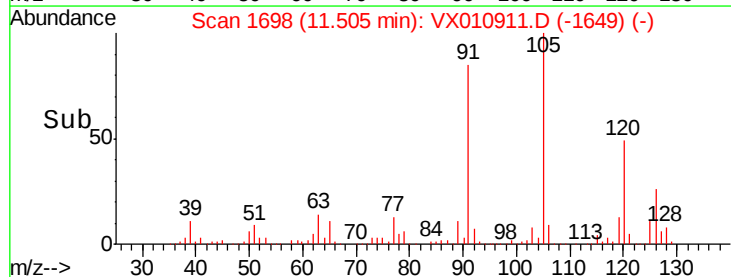
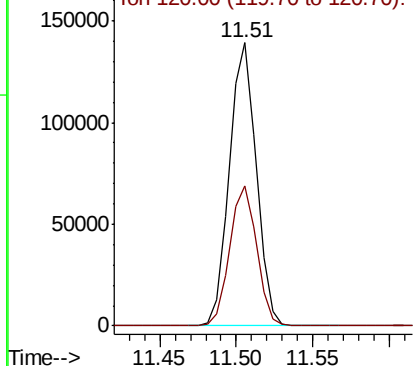


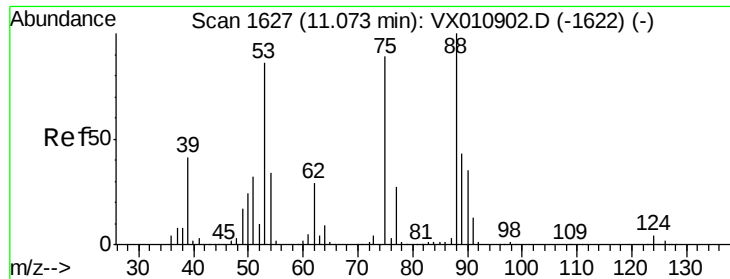
#80  
1,3,5-Trimethylbenzene  
Concen: 19.795 ug/l  
RT: 11.51 min Scan# 1698  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

Tgt Ion:105 Resp: 169098  
Ion Ratio Lower Upper  
105 100  
120 49.6 24.6 73.8



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





#81

trans-1,4-Dichloro-2-butene

Concen: 18.558 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

Instrument :

MSVOA\_X

ClientSampleId :

VX0716WBS01

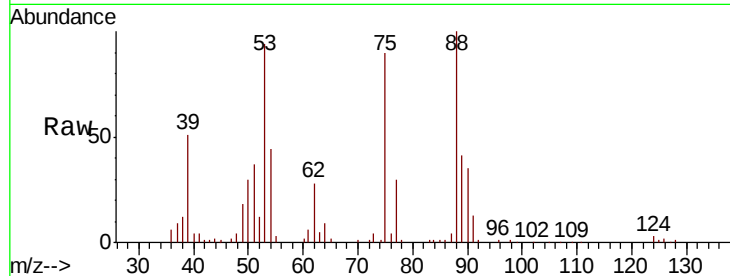
Tot Ion: 75 Resp: 17069

Ion Ratio Lower Upper

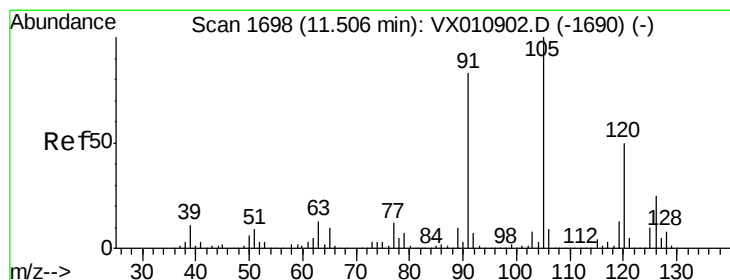
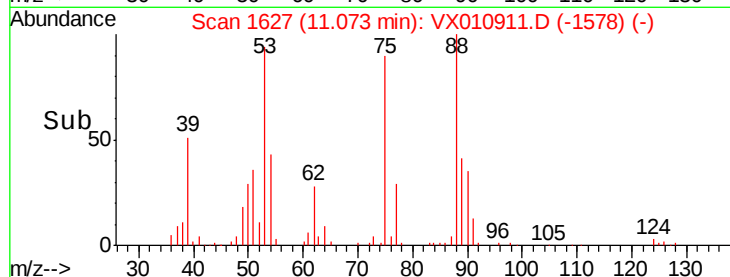
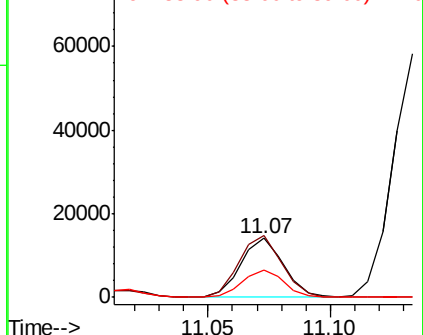
75 100

53 105.6 76.7 115.1

89 45.7 38.5 57.7



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 53.00 (52.70 to 53.70): VX0  
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.445 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010911.D

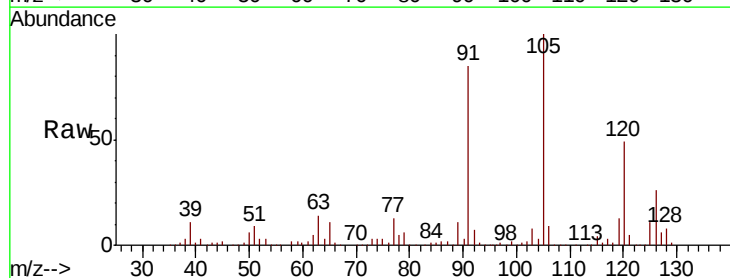
Acq: 16 Jul 2019 17:05

Tgt Ion: 91 Resp: 153578

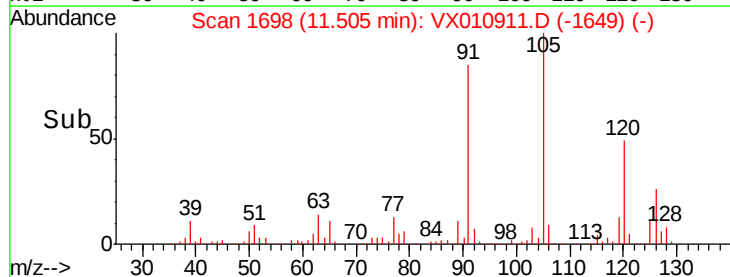
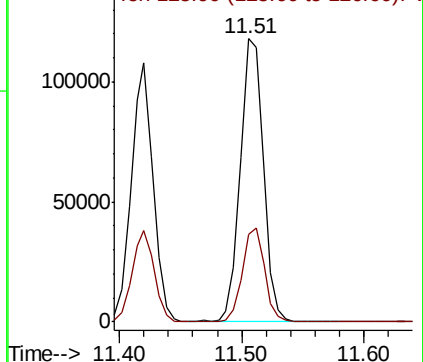
Ion Ratio Lower Upper

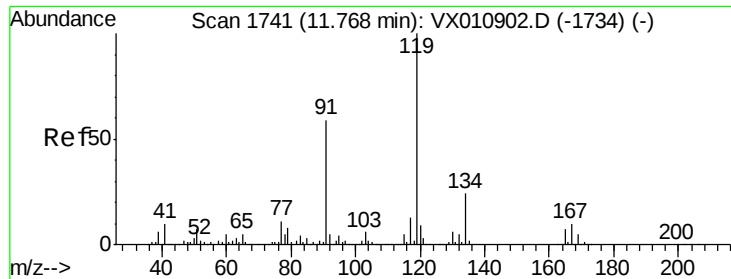
91 100

126 32.4 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 125.90 (125.60 to 126.60): V

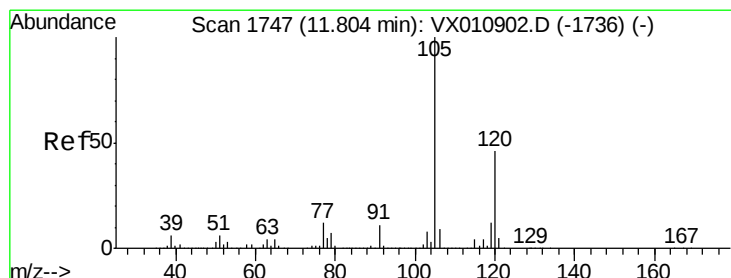
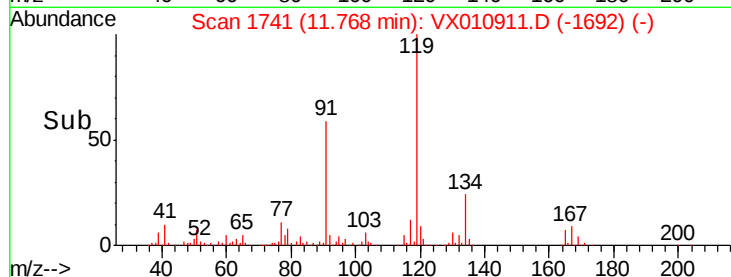
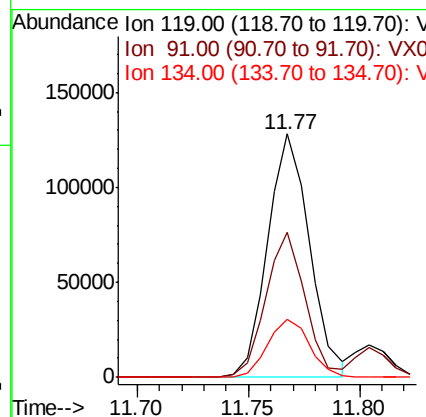
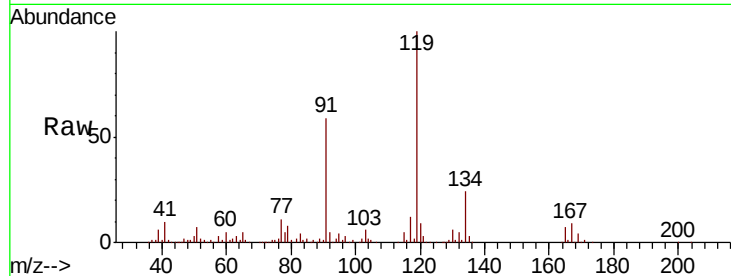




#83  
tert-Butylbenzene  
Concen: 19.909 ug/l  
RT: 11.77 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

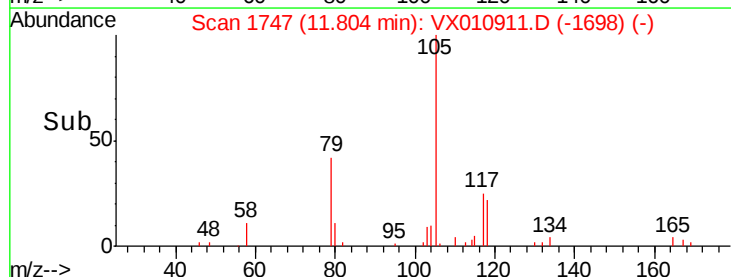
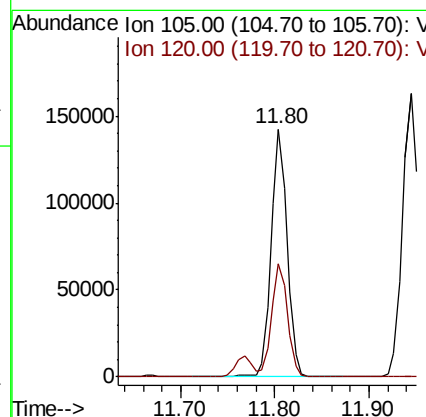
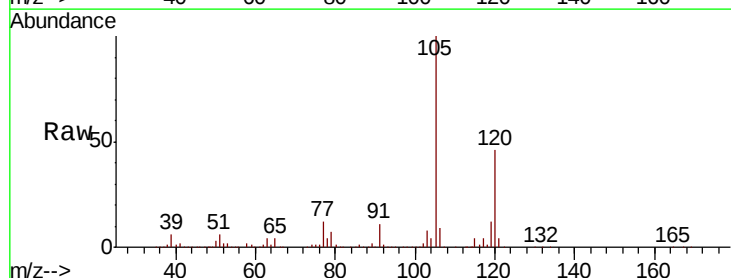
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0716WBS01

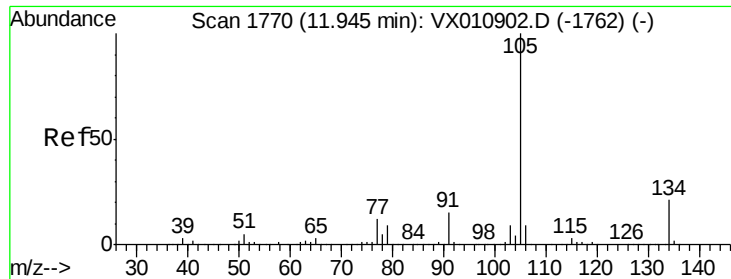
Tot Ion:119 Resp: 167053  
Ion Ratio Lower Upper  
119 100  
91 56.2 28.6 85.8  
134 23.8 11.6 34.8



#84  
1,2,4-Trimethylbenzene  
Concen: 19.862 ug/l  
RT: 11.80 min Scan# 1747  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

Tgt Ion:105 Resp: 171014  
Ion Ratio Lower Upper  
105 100  
120 45.7 22.9 68.5





#85

sec-Butylbenzene

Concen: 19.945 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

Instrument :

MSVOA\_X

ClientSampleId :

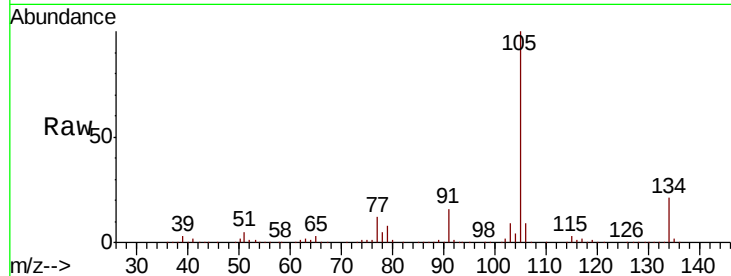
VX0716WBS01

Tot Ion:105 Resp: 196101

Ion Ratio Lower Upper

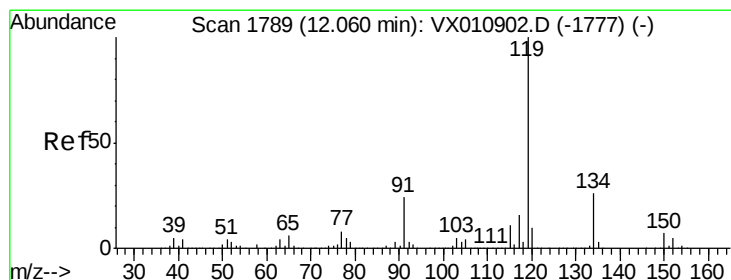
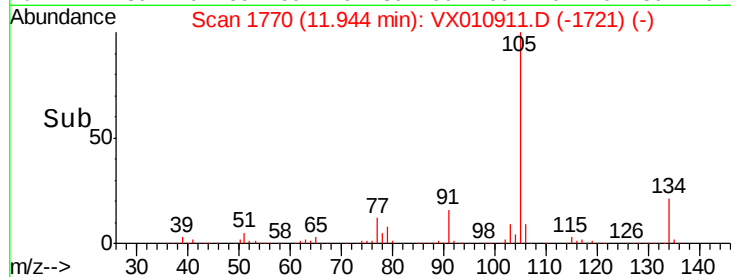
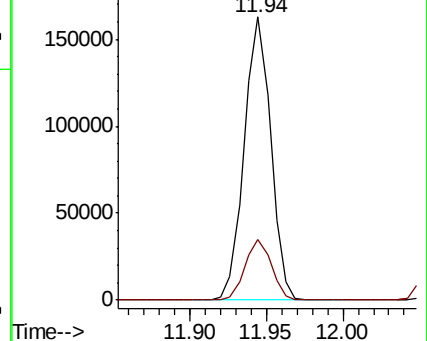
105 100

134 21.3 10.4 31.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.628 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

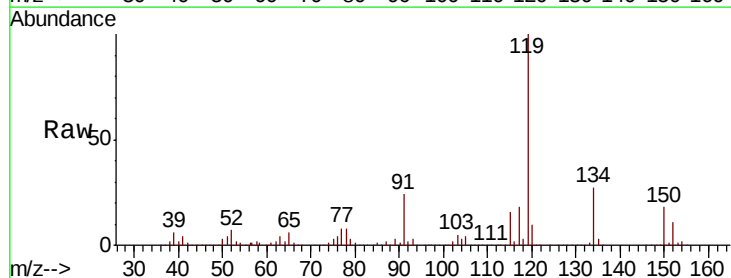
Tgt Ion:119 Resp: 178415

Ion Ratio Lower Upper

119 100

134 27.8 13.4 40.1

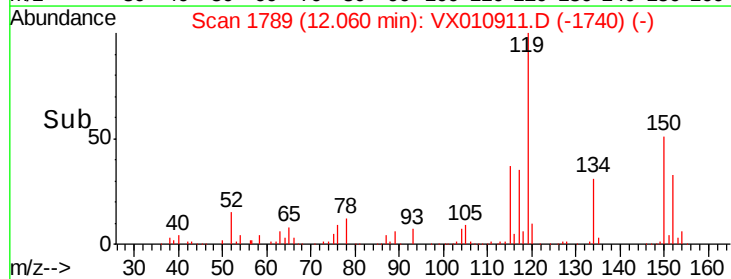
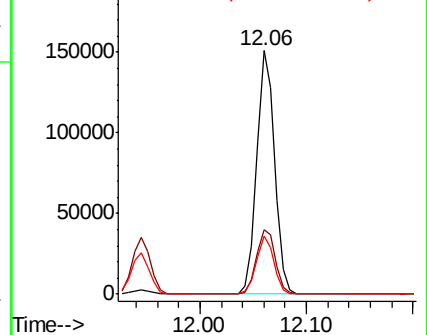
91 23.6 11.8 35.4

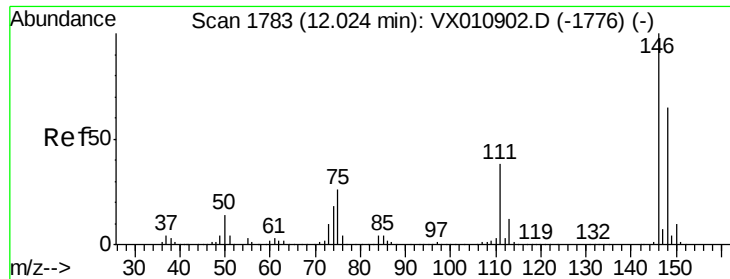


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

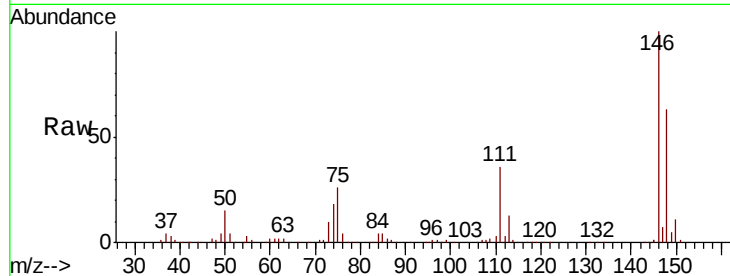




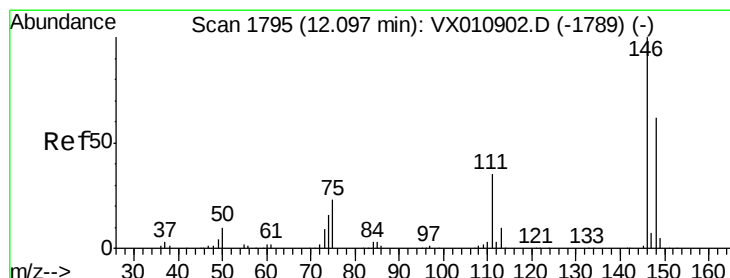
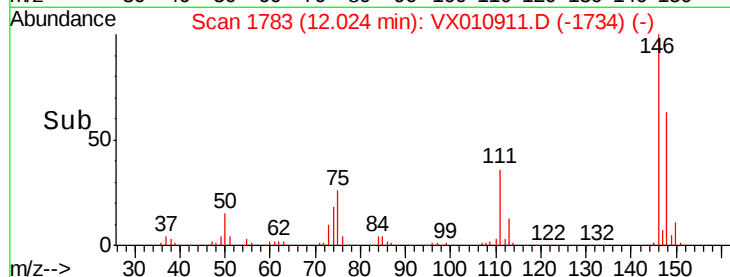
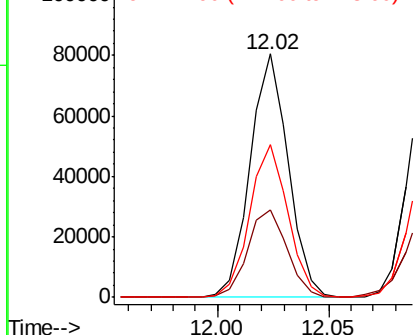
#87  
 1,3-Dichlorobenzene  
 Concen: 19.543 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX010911.D  
 Acq: 16 Jul 2019 17:05

Instrument :  
 MSVOA\_X  
 ClientSampled :  
 VX0716WBS01

Tot Ion:146 Resp: 95642  
 Ion Ratio Lower Upper  
 146 100  
 111 37.2 18.9 56.9  
 148 63.4 32.2 96.6

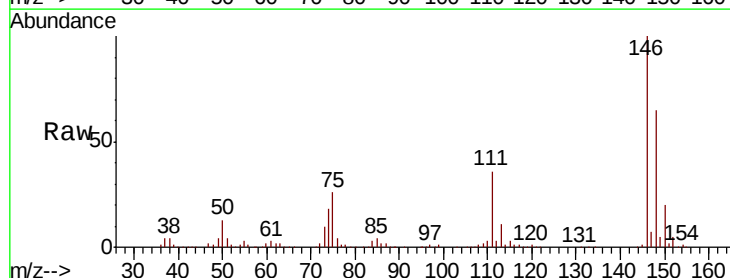


Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

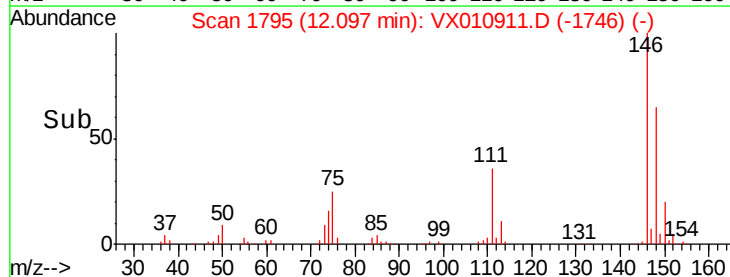
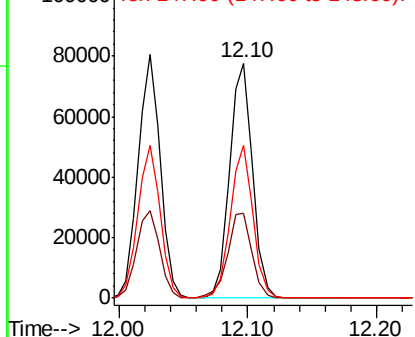


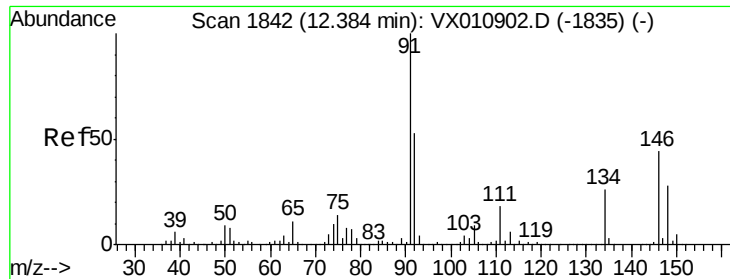
#88  
 1,4-Dichlorobenzene  
 Concen: 19.352 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX010911.D  
 Acq: 16 Jul 2019 17:05

Tgt Ion:146 Resp: 97131  
 Ion Ratio Lower Upper  
 146 100  
 111 38.7 18.6 55.8  
 148 64.0 31.6 94.7



Abundance Ion 145.90 (145.60 to 146.60): V  
 Ion 110.90 (110.60 to 111.60): V  
 Ion 147.90 (147.60 to 148.60): V

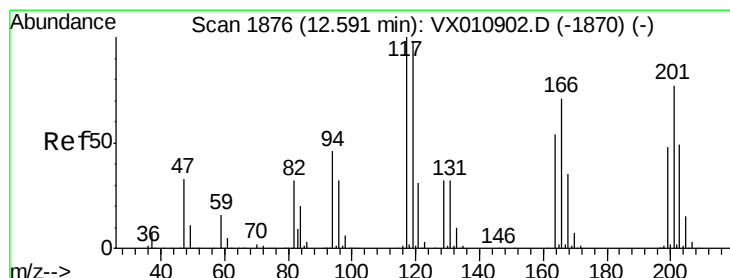
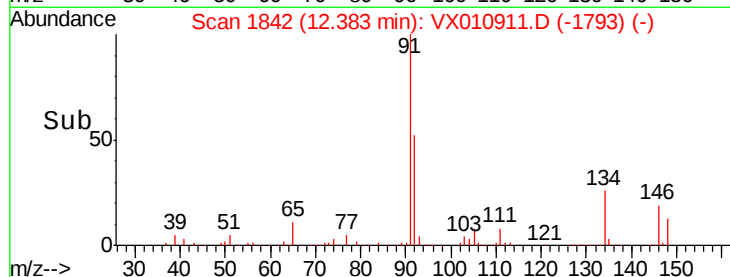
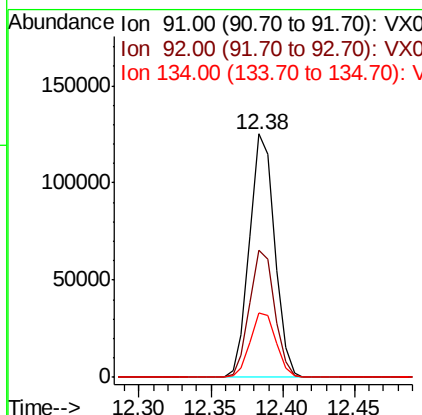
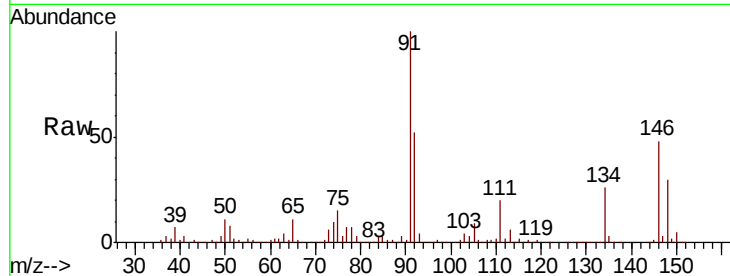




#89  
n-Butylbenzene  
Concen: 19.363 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. -0.00 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

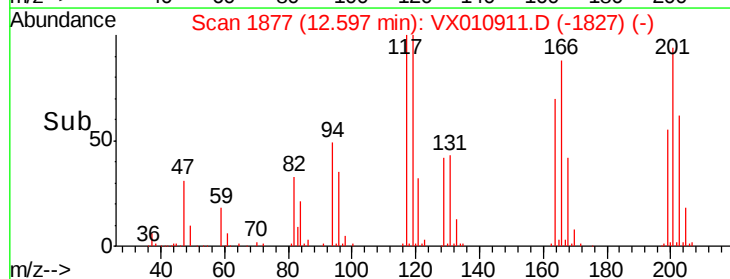
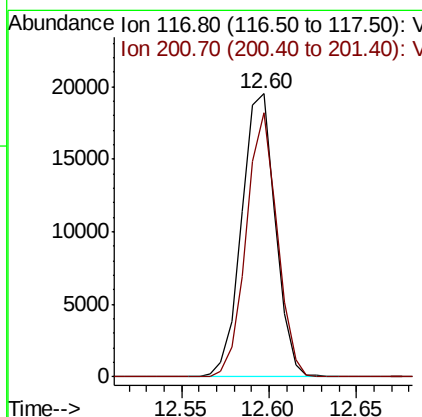
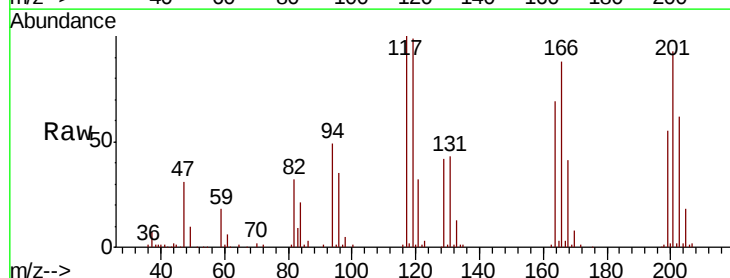
Instrument :  
MSVOA\_X  
ClientSampleId :  
VX0716WBS01

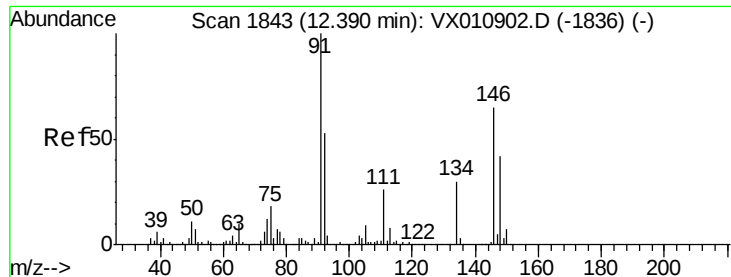
Tot Ion: 91 Resp: 150575  
Ion Ratio Lower Upper  
91 100  
92 52.6 26.2 78.5  
134 27.2 13.8 41.3



#90  
Hexachloroethane  
Concen: 18.268 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. 0.01 min  
Lab File: VX010911.D  
Acq: 16 Jul 2019 17:05

Tgt Ion: 117 Resp: 26190  
Ion Ratio Lower Upper  
117 100  
201 85.2 43.3 129.8





#91

1,2-Dichlorobenzene

Concen: 20.202 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

Instrument :

MSVOA\_X

ClientSampled :

VX0716WBS01

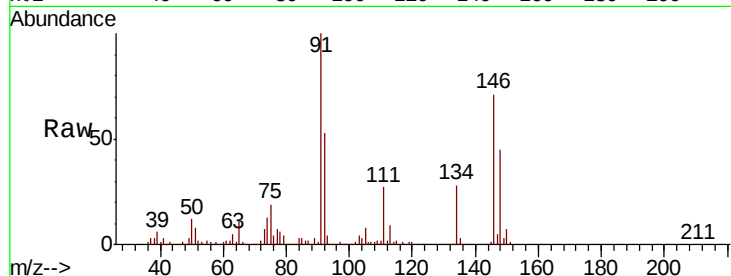
Tot Ion:146 Resp: 97980

Ion Ratio Lower Upper

146 100

111 38.0 19.9 59.7

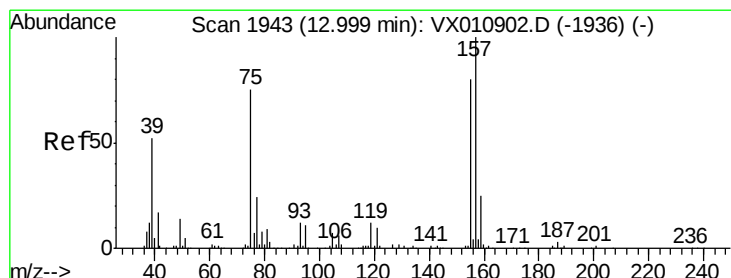
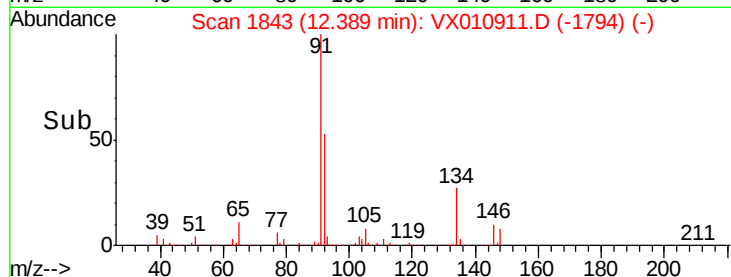
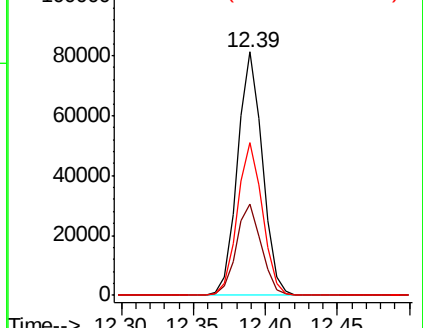
148 63.1 32.0 96.2



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.159 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

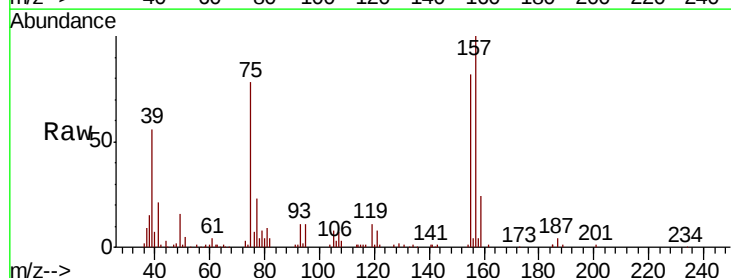
Tgt Ion: 75 Resp: 13399

Ion Ratio Lower Upper

75 100

155 99.0 48.7 146.1

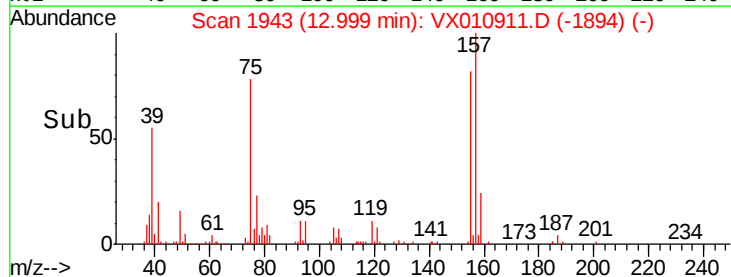
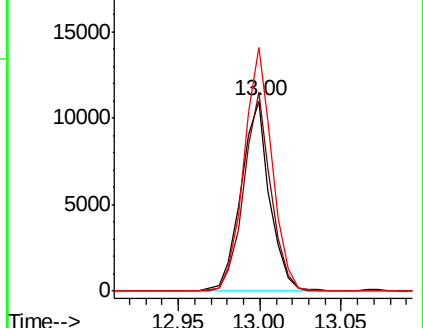
157 125.9 62.5 187.6

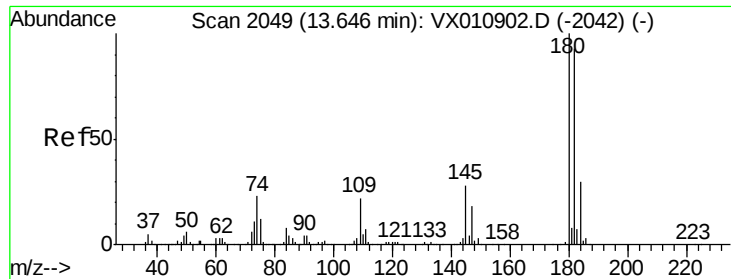


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

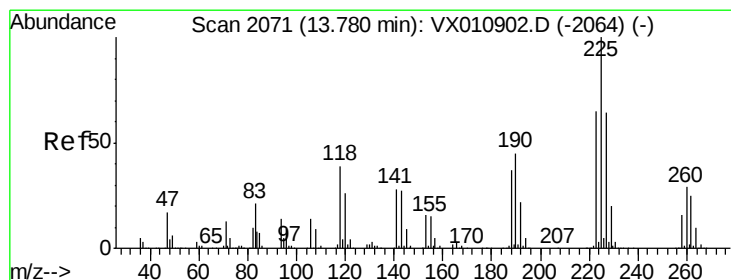
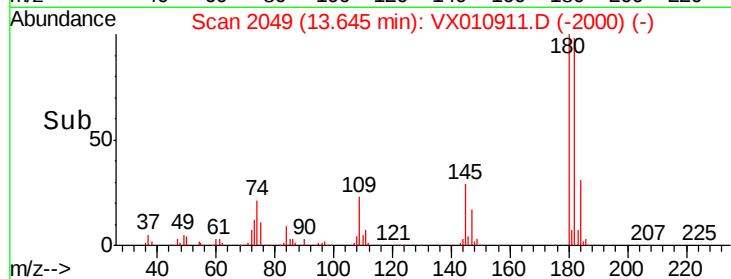
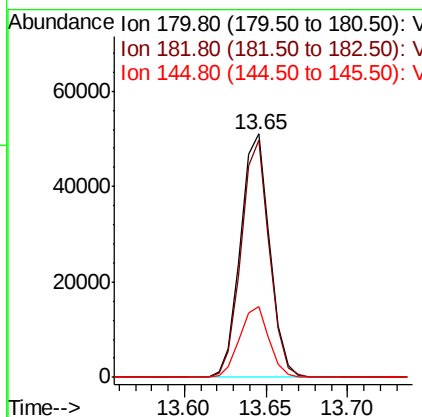
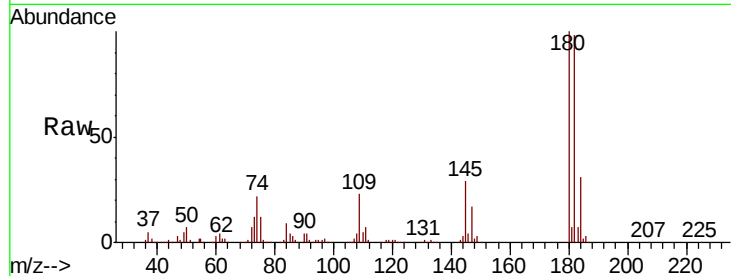




#93  
 1,2,4-Trichlorobenzene  
 Concen: 19.391 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX010911.D  
 Acq: 16 Jul 2019 17:05

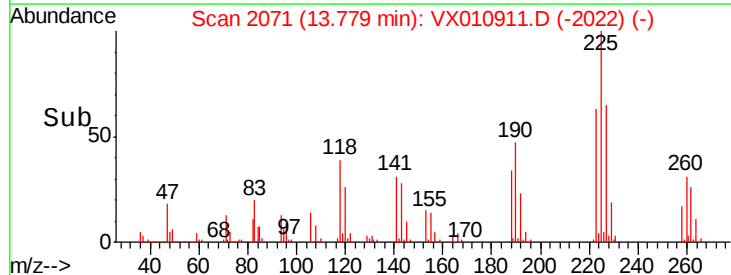
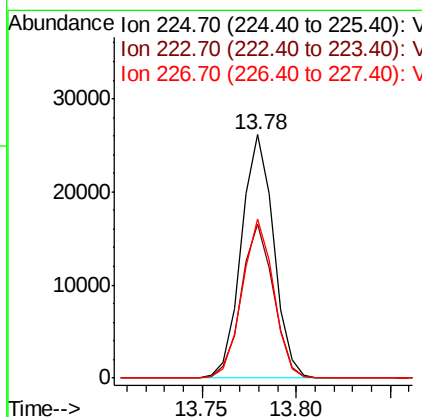
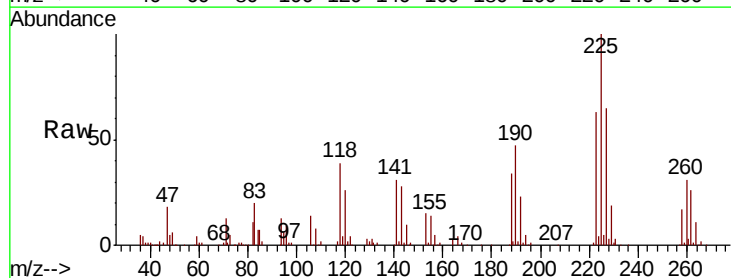
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VX0716WBS01

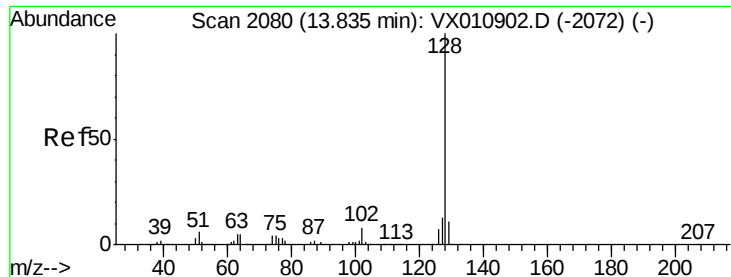
Tot Ion:180 Resp: 63737  
 Ion Ratio Lower Upper  
 180 100  
 182 94.6 47.1 141.3  
 145 29.1 14.8 44.4



#94  
 Hexachlorobutadiene  
 Concen: 19.062 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: VX010911.D  
 Acq: 16 Jul 2019 17:05

Tgt Ion:225 Resp: 31049  
 Ion Ratio Lower Upper  
 225 100  
 223 62.8 31.9 95.9  
 227 63.5 32.5 97.4





#95

Naphthalene

Concen: 20.316 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

Instrument :

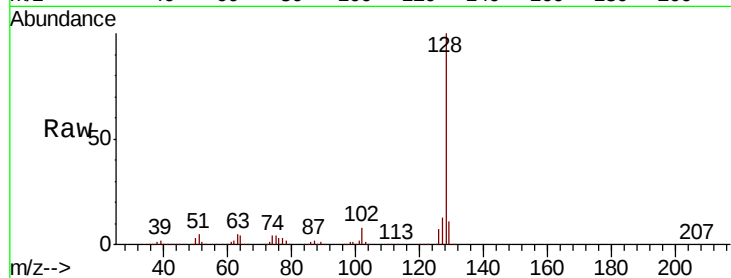
MSVOA\_X

ClientSampleId :

VX0716WBS01

Tot Ion:128 Resp: 197189

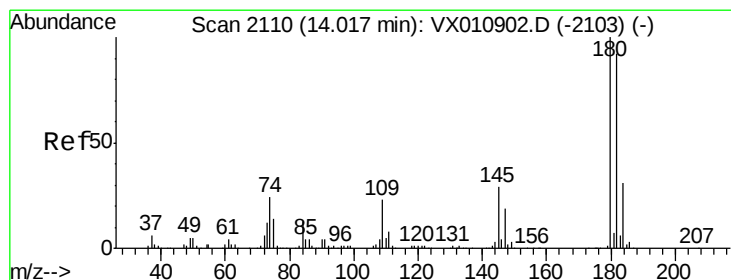
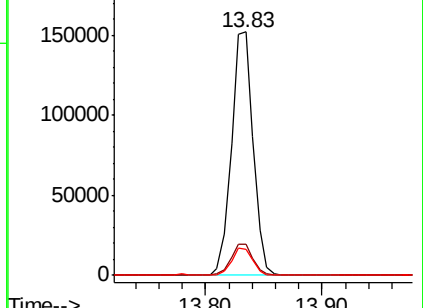
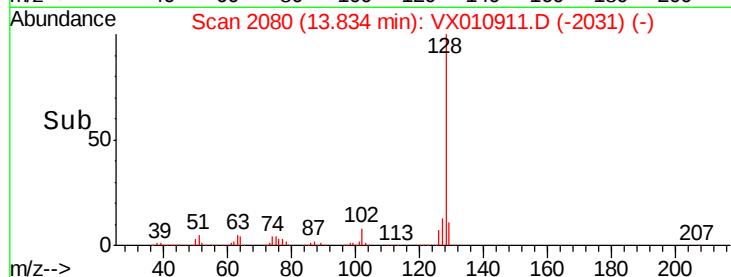
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 128 | 100   |       |       |
| 127 | 13.0  | 10.4  | 15.6  |
| 129 | 11.2  | 8.9   | 13.3  |



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: 19.960 ug/l

RT: 14.02 min Scan# 2110

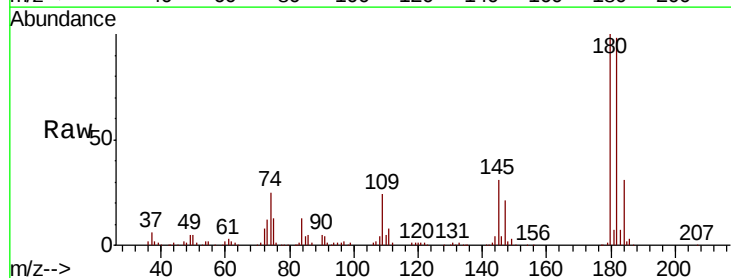
Delta R.T. -0.00 min

Lab File: VX010911.D

Acq: 16 Jul 2019 17:05

Tgt Ion:180 Resp: 65280

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.5  | 47.4  | 142.3 |
| 145 | 31.0  | 15.1  | 45.3  |



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

