

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062719\  
 Data File : VX010502.D  
 Acq On : 27 Jun 2019 20:23  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jun 28 06:52:23 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 20 03:31:56 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 258721   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 383457   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 347726   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 178222   | 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   | 123294   | 50.83 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 101.66% |          |
| 35) Dibromofluoromethane    | 5.49  | 113  | 119861   | 51.09 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 102.18% |          |
| 50) Toluene-d8              | 8.71  | 98   | 451338   | 50.28 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 100.56% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 160949   | 49.67 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.34%  |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 80388    | 44.692  | ug/l  | 99     |
| 3) Chloromethane              | 1.32 | 50   | 90647    | 43.279  | ug/l  | 98     |
| 4) Vinyl Chloride             | 1.41 | 62   | 102812   | 44.816  | ug/l  | 100    |
| 5) Bromomethane               | 1.64 | 94   | 55140    | 49.336  | ug/l  | 98     |
| 6) Chloroethane               | 1.71 | 64   | 65128    | 48.119  | ug/l  | 98     |
| 7) Trichlorofluoromethane     | 1.92 | 101  | 183031   | 50.329  | ug/l  | 99     |
| 8) Diethyl Ether              | 2.19 | 74   | 65925    | 50.550  | ug/l  | 99     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101  | 105706   | 47.964  | ug/l  | 99     |
| 10) Methyl Iodide             | 2.51 | 142  | 155331   | 49.387  | ug/l  | 98     |
| 11) Tert butyl alcohol        | 3.05 | 59   | 141303   | 222.614 | ug/l  | 97     |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 104451   | 46.577  | ug/l  | 98     |
| 13) Acrolein                  | 2.29 | 56   | 74710    | 177.428 | ug/l  | 99     |
| 14) Allyl chloride            | 2.73 | 41   | 155777   | 48.929  | ug/l  | 99     |
| 15) Acrylonitrile             | 3.14 | 53   | 315863   | 251.339 | ug/l  | 99     |
| 16) Acetone                   | 2.45 | 43   | 265495   | 218.385 | ug/l  | 100    |
| 17) Carbon Disulfide          | 2.57 | 76   | 249211   | 41.422  | ug/l  | 100    |
| 18) Methyl Acetate            | 2.78 | 43   | 122956   | 50.745  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73   | 354986   | 50.318  | ug/l  | 98     |
| 20) Methylene Chloride        | 2.85 | 84   | 120342   | 48.101  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96   | 114413   | 47.437  | ug/l  | 97     |
| 22) Diisopropyl ether         | 3.86 | 45   | 333483   | 50.099  | ug/l  | 88     |
| 23) Vinyl Acetate             | 3.82 | 43   | 1472136  | 256.001 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 191672   | 49.815  | ug/l  | 100    |
| 25) 2-Butanone                | 4.67 | 43   | 434397   | 243.590 | ug/l  | 98     |
| 26) 2,2-Dichloropropane       | 4.59 | 77   | 146851   | 43.935  | ug/l  | 99     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96   | 138730   | 49.776  | ug/l  | 98     |
| 28) Bromochloromethane        | 5.01 | 49   | 88166    | 47.925  | ug/l  | 100    |
| 29) Tetrahydrofuran           | 5.13 | 42   | 279413   | 252.955 | ug/l  | 100    |
| 30) Chloroform                | 5.21 | 83   | 206611   | 49.907  | ug/l  | 99     |
| 31) Cyclohexane               | 5.58 | 56   | 165456   | 47.221  | ug/l  | 97     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97   | 181066   | 49.532  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 5.80 | 75   | 145821   | 47.855  | ug/l  | 100    |
| 37) Ethyl Acetate             | 4.84 | 43   | 163813   | 52.256  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 5.79 | 117  | 162572   | 49.269  | ug/l  | 98     |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jun 28 06:52:23 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Jun 20 03:31:56 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units | Dev(Min) |
|--------------------------------|-------|------|----------|----------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 186415   | 46.541   | ug/l  | 99       |
| 40) Benzene                    | 6.14  | 78   | 469958   | 49.504   | ug/l  | 100      |
| 41) Methacrylonitrile          | 5.04  | 41   | 86405    | 50.235   | ug/l  | 98       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 151331   | 52.368   | ug/l  | 98       |
| 43) Isopropyl Acetate          | 6.45  | 43   | 267496   | 51.576   | ug/l  | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 139617   | 49.150   | ug/l  | 98       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 119076   | 49.670   | ug/l  | 94       |
| 46) Dibromomethane             | 7.66  | 93   | 87228    | 50.713   | ug/l  | 99       |
| 47) Bromodichloromethane       | 7.90  | 83   | 160481   | 50.911   | ug/l  | 100      |
| 48) Methyl methacrylate        | 7.77  | 41   | 124088   | 51.473   | ug/l  | 99       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 69664    | 1003.121 | ug/l  | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 851700   | 256.763  | ug/l  | 99       |
| 52) Toluene                    | 8.79  | 92   | 306701   | 49.059   | ug/l  | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 174186   | 49.288   | ug/l  | 100      |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 191319   | 49.816   | ug/l  | 98       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 131642   | 51.057   | ug/l  | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 197377   | 50.534   | ug/l  | 98       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 204380   | 51.065   | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 437138   | 235.655  | ug/l  | 99       |
| 59) 2-Hexanone                 | 9.49  | 43   | 649479   | 248.781  | ug/l  | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 146914   | 50.890   | ug/l  | 100      |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 142022   | 51.032   | ug/l  | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 136463   | 48.520   | ug/l  | 99       |
| 65) Chlorobenzene              | 10.13 | 112  | 348903   | 49.423   | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 131548   | 51.157   | ug/l  | 98       |
| 67) Ethyl Benzene              | 10.25 | 91   | 596298   | 50.033   | ug/l  | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 458678   | 99.326   | ug/l  | 100      |
| 69) o-Xylene                   | 10.69 | 106  | 223652   | 49.248   | ug/l  | 99       |
| 70) Styrene                    | 10.71 | 104  | 386238   | 50.714   | ug/l  | 99       |
| 71) Bromoform                  | 10.85 | 173  | 112213   | 50.181   | ug/l  | 98       |
| 73) Isopropylbenzene           | 11.02 | 105  | 598439   | 49.535   | ug/l  | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 234164   | 51.287   | ug/l  | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 199535   | 49.871   | ug/l  | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 220026   | 67.749   | ug/l  | 80       |
| 77) Bromobenzene               | 11.26 | 156  | 164203   | 48.675   | ug/l  | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 655149   | 49.342   | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 386793   | 48.920   | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 491777   | 49.377   | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 62420    | 44.838   | ug/l  | 97       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 442178   | 49.148   | ug/l  | 98       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 494524   | 49.471   | ug/l  | 100      |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 504060   | 50.375   | ug/l  | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 586231   | 49.947   | ug/l  | 99       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 537709   | 49.530   | ug/l  | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 285793   | 48.534   | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 285969   | 47.703   | ug/l  | 100      |
| 89) n-Butylbenzene             | 12.38 | 91   | 453674   | 49.178   | ug/l  | 100      |
| 90) Hexachloroethane           | 12.60 | 117  | 93174    | 49.635   | ug/l  | 100      |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 282107   | 48.203   | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 41355    | 47.940   | ug/l  | 97       |

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Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 28 Sample Multiplier: 1

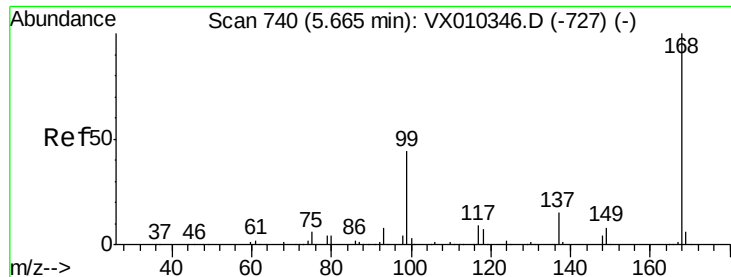
Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Jun 28 06:52:23 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X061919W.M  
Quant Title : SW846 8260  
QLast Update : Thu Jun 20 03:31:56 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 199577   | 49.174 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 96396    | 48.597 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 629968   | 50.509 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 199722   | 49.494 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA\_X

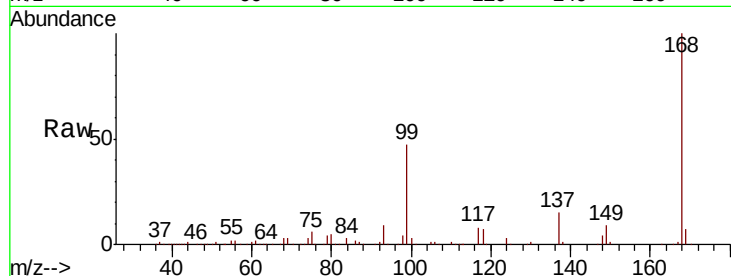
ClientSampled :

Tot Ion:168 Resp: 258721

Ion Ratio Lower Upper

168 100

99 46.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

100000

80000

60000

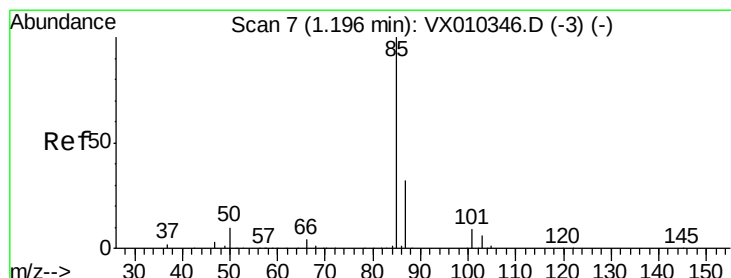
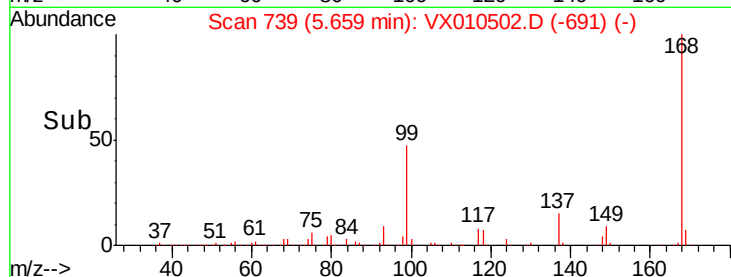
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 44.692 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010502.D

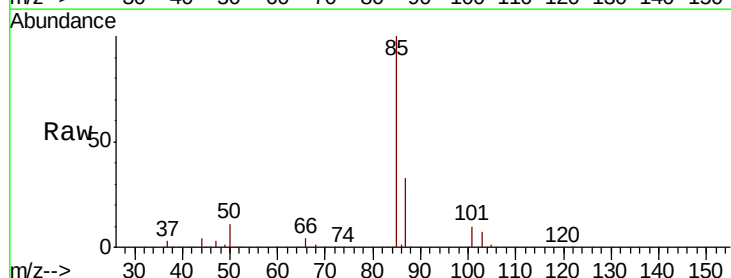
Acq: 27 Jun 2019 20:23

Tgt Ion: 85 Resp: 80388

Ion Ratio Lower Upper

85 100

87 32.9 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

60000

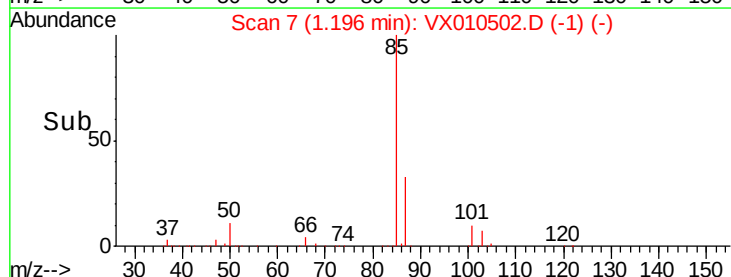
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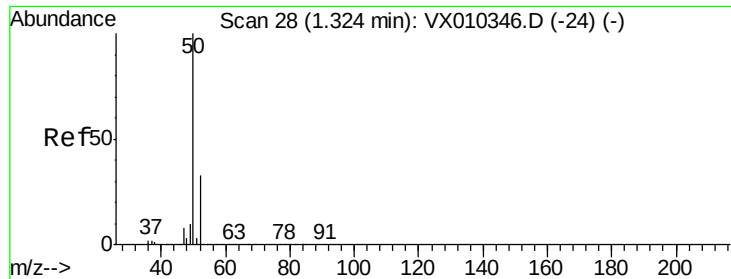
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 43.279 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA\_X

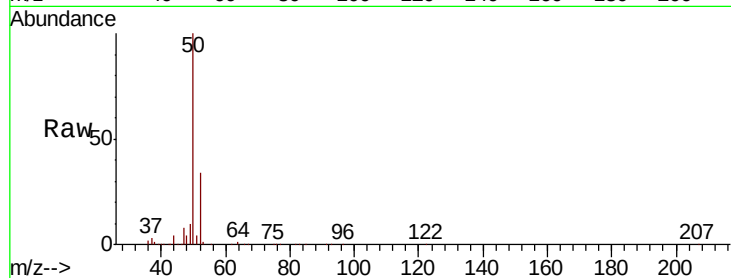
ClientSampleId :

Tot Ion: 50 Resp: 90647

Ion Ratio Lower Upper

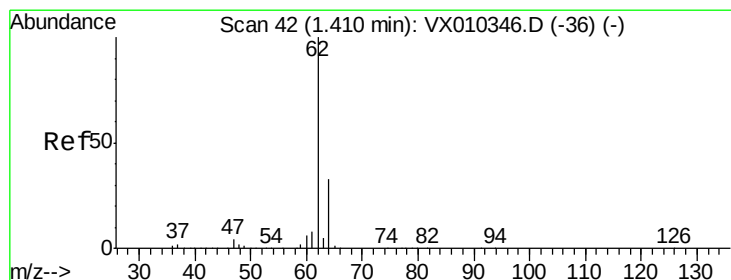
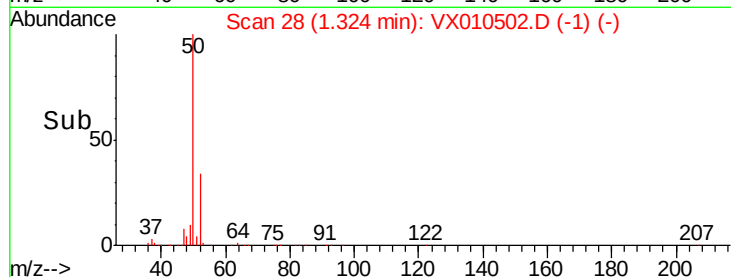
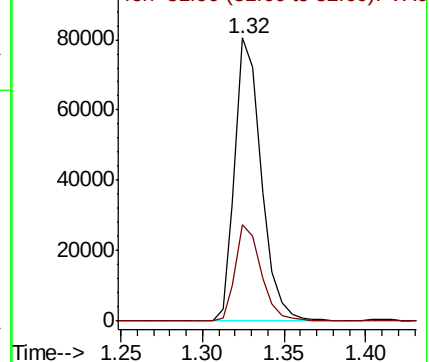
50 100

52 34.3 26.5 39.7



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 44.816 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010502.D

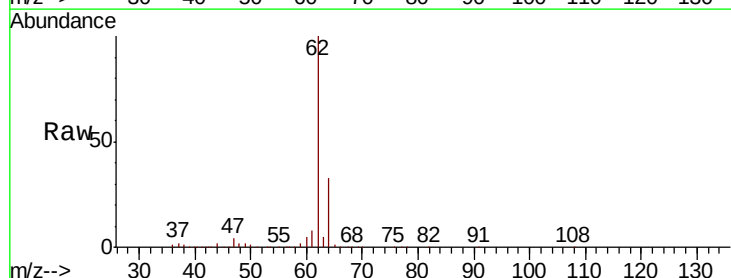
Acq: 27 Jun 2019 20:23

Tgt Ion: 62 Resp: 102812

Ion Ratio Lower Upper

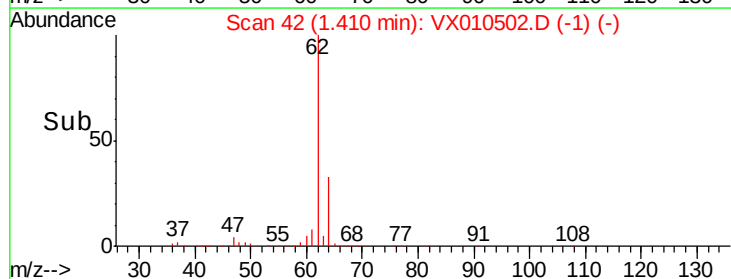
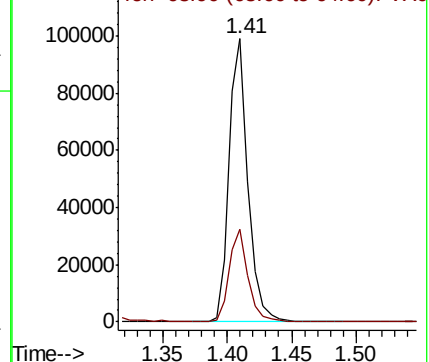
62 100

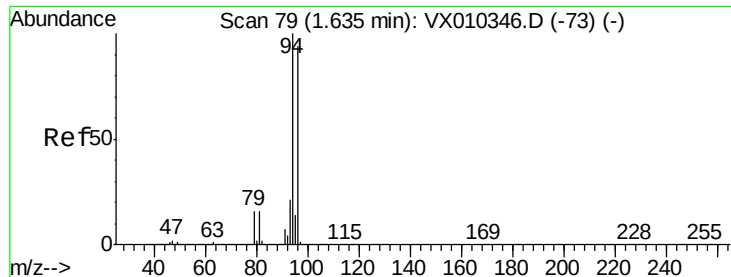
64 32.5 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.336 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA\_X

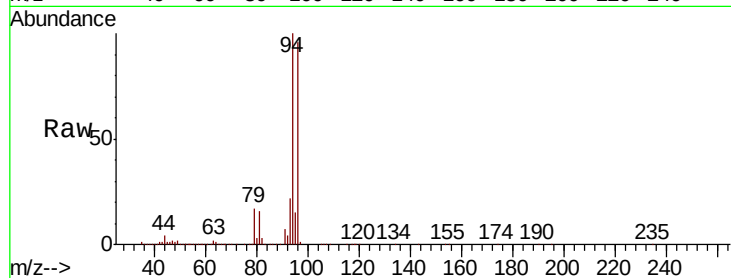
ClientSampleId :

Tot Ion: 94 Resp: 55140

Ion Ratio Lower Upper

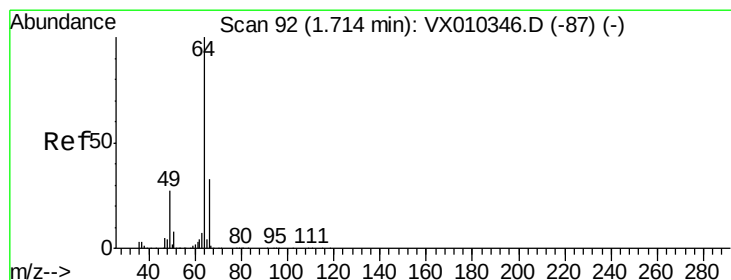
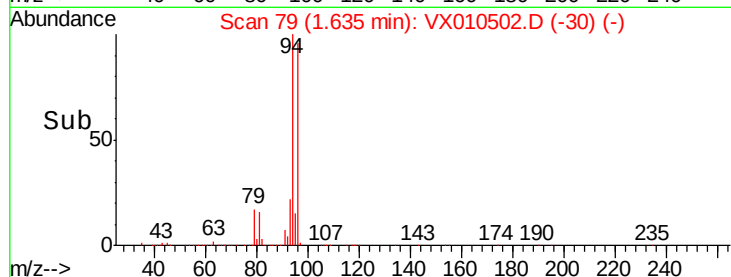
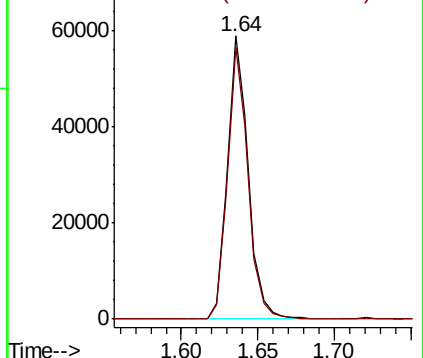
94 100

96 96.2 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.119 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010502.D

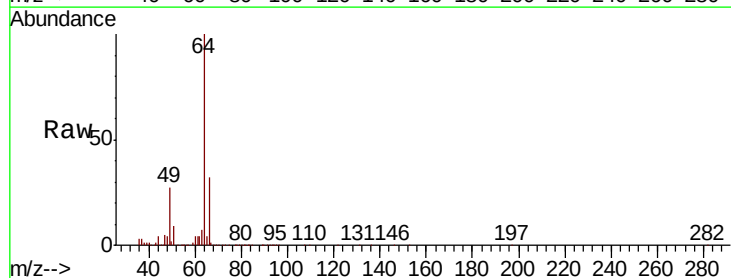
Acq: 27 Jun 2019 20:23

Tgt Ion: 64 Resp: 65128

Ion Ratio Lower Upper

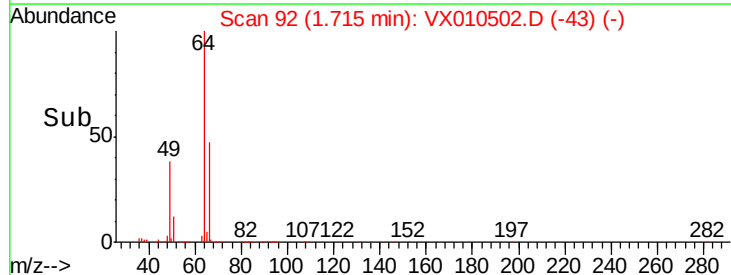
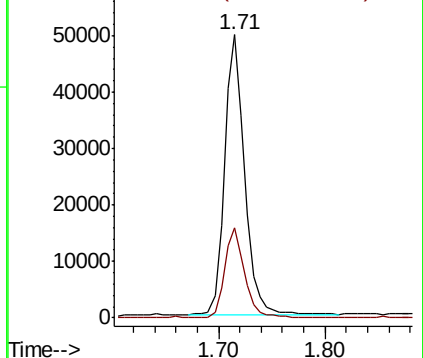
64 100

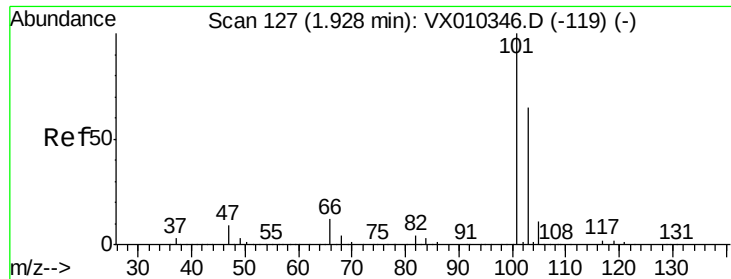
66 32.0 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



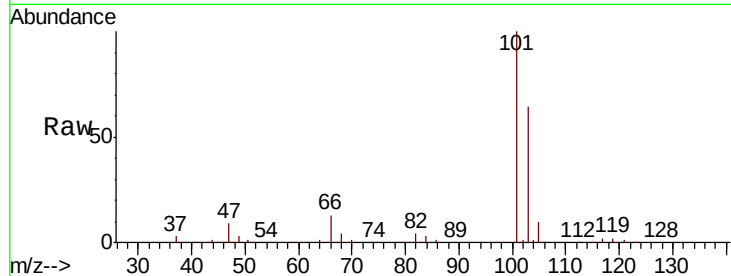


#7

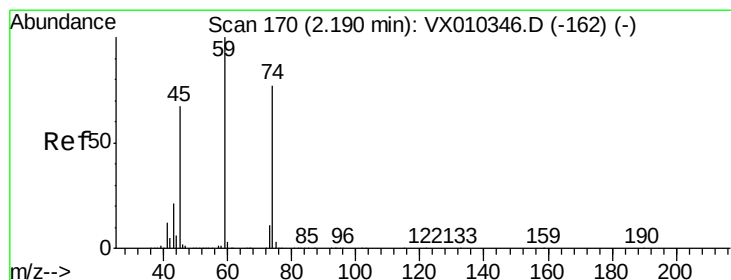
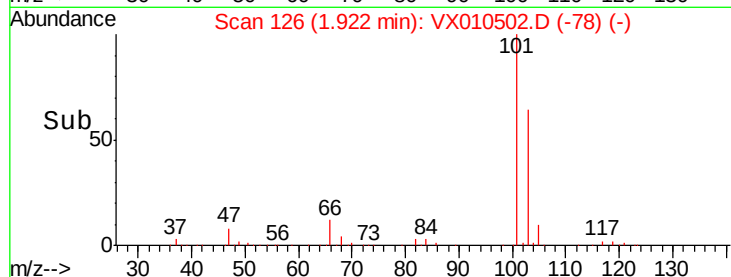
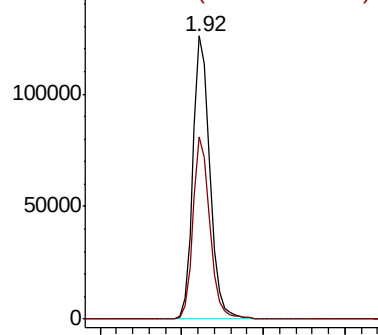
Trichlorofluoromethane  
 Concen: 50.329 ug/l  
 RT: 1.92 min Scan# 126  
 Delta R.T. -0.01 min  
 Lab File: VX010502.D  
 Acq: 27 Jun 2019 20:23

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tot Ion:101 Resp: 183031  
 Ion Ratio Lower Upper  
 101 100  
 103 64.3 52.3 78.5



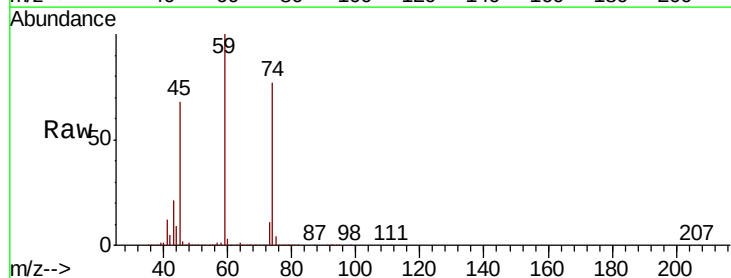
Abundance Ion 100.90 (100.60 to 101.60): V  
 Ion 102.80 (102.50 to 103.50): V



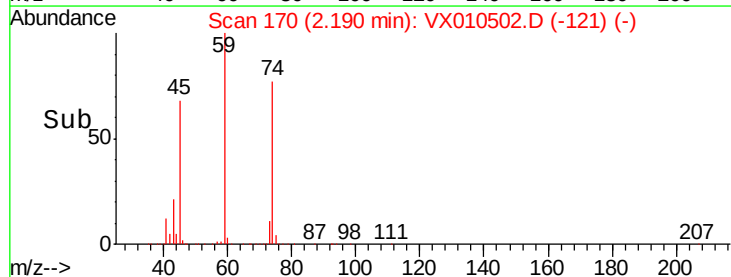
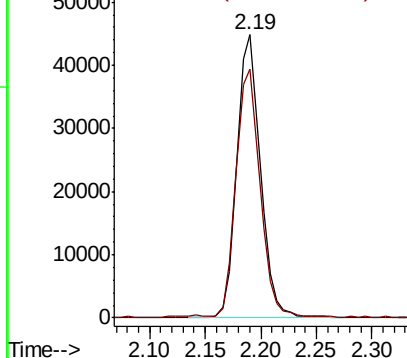
#8

Diethyl Ether  
 Concen: 50.550 ug/l  
 RT: 2.19 min Scan# 170  
 Delta R.T. 0.00 min  
 Lab File: VX010502.D  
 Acq: 27 Jun 2019 20:23

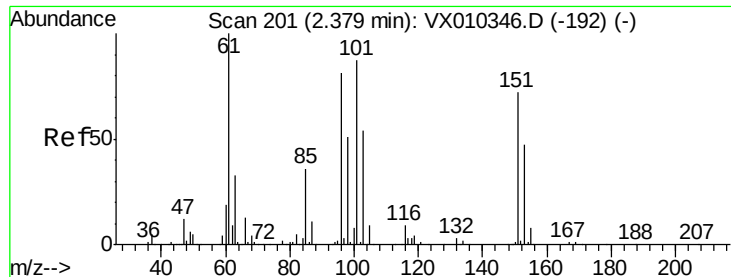
Tgt Ion: 74 Resp: 65925  
 Ion Ratio Lower Upper  
 74 100  
 45 88.8 44.8 134.4



Abundance Ion 74.00 (73.70 to 74.70): VX0  
 Ion 45.00 (44.70 to 45.70): VX0







#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.964 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA\_X

ClientSampleId :

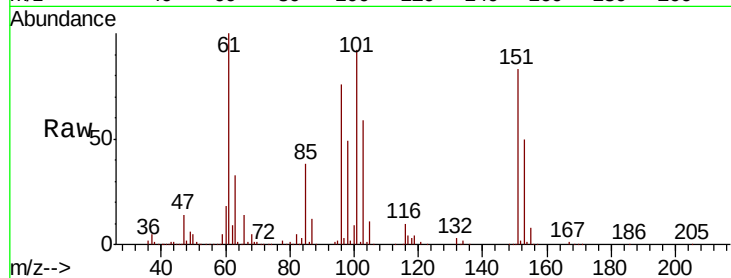
Tot Ion:101 Resp: 105706

Ion Ratio Lower Upper

101 100

85 41.4 33.7 50.5

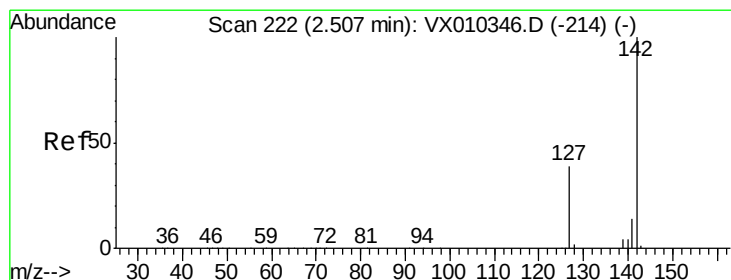
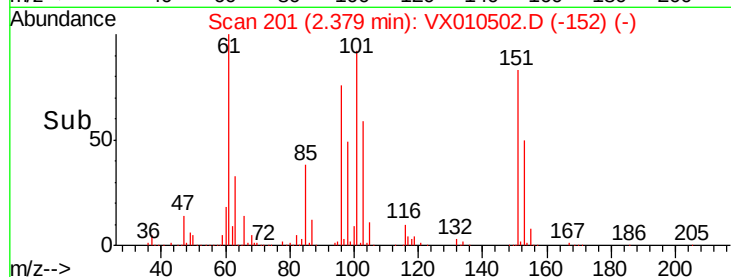
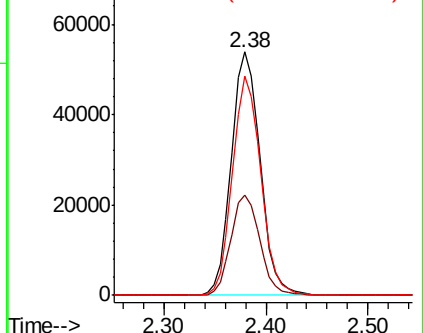
151 88.5 70.1 105.1



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: 49.387 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

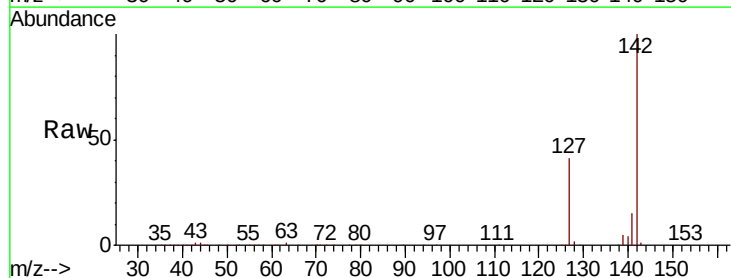
Tgt Ion:142 Resp: 155331

Ion Ratio Lower Upper

142 100

127 40.2 31.1 46.7

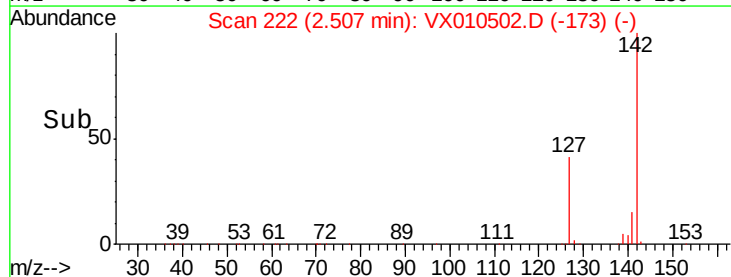
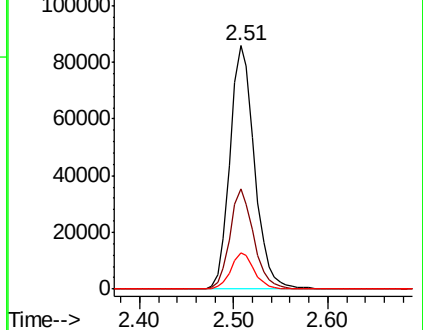
141 14.3 11.2 16.8

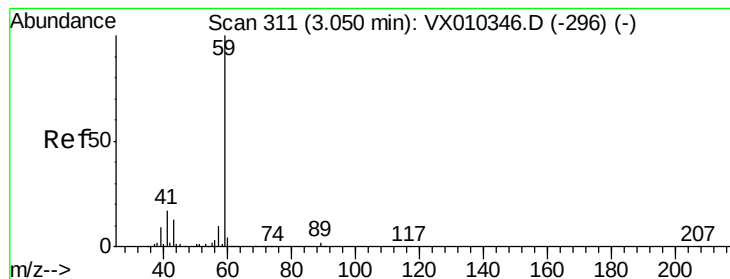


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



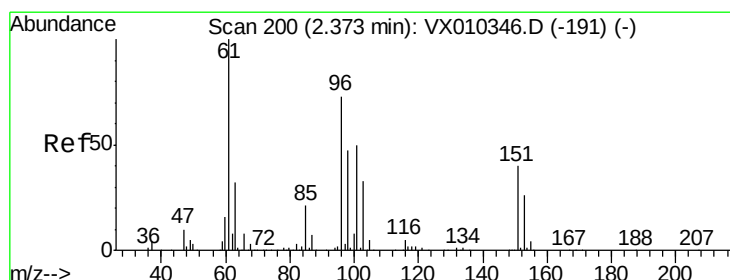
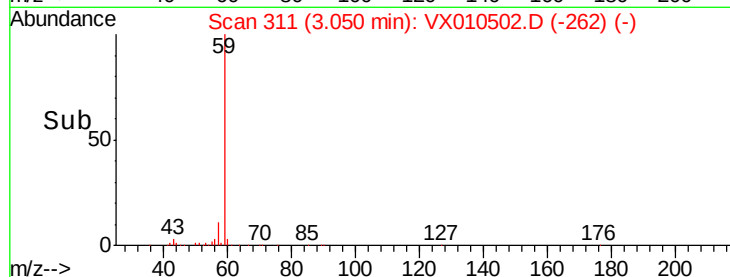
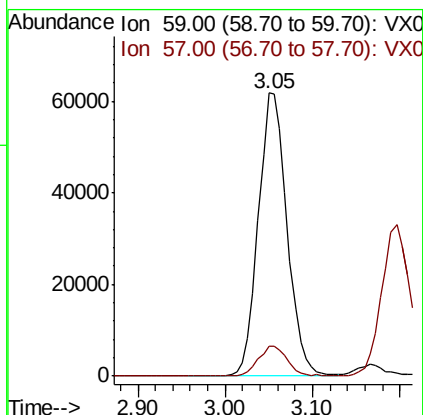
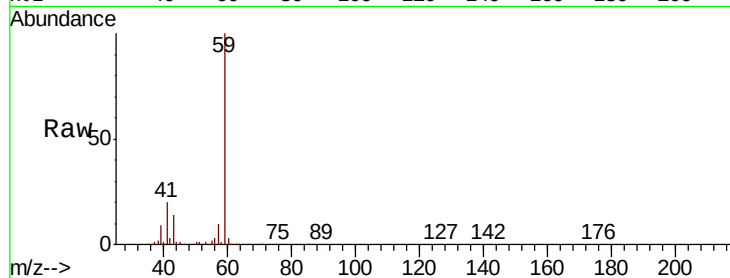


#11

Tert butyl alcohol  
Concen: 222.614 ug/l  
RT: 3.05 min Scan# 311  
Delta R.T. 0.00 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

Instrument :  
MSVOA\_X  
ClientSampleId :

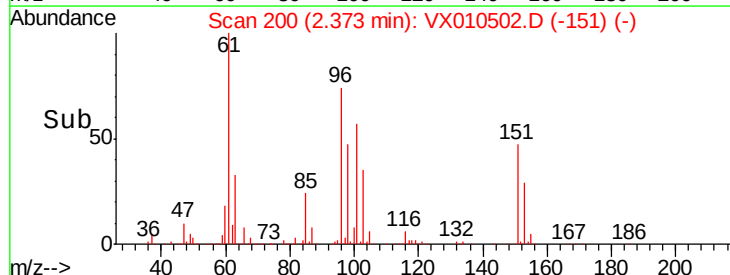
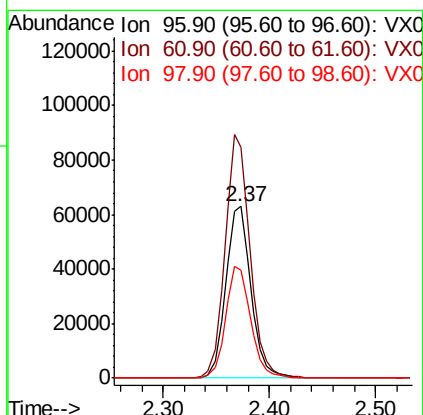
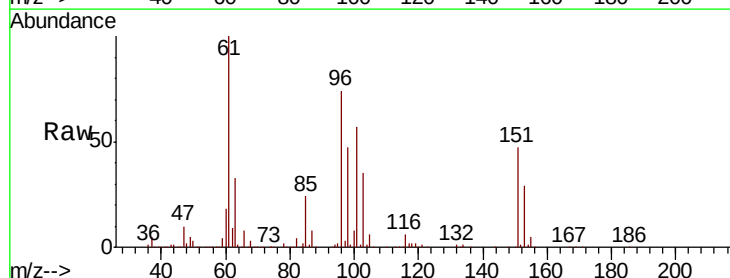
Tot Ion: 59 Resp: 141303  
Ion Ratio Lower Upper  
59 100  
57 10.7 7.7 11.5

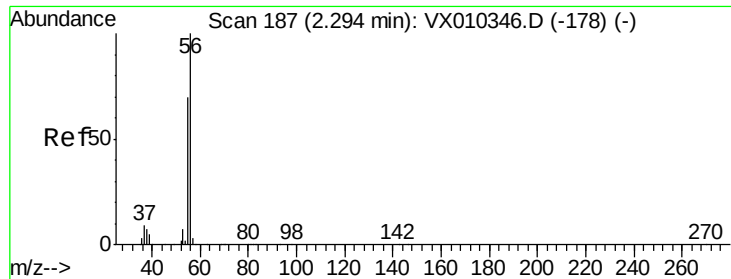


#12

1,1-Dichloroethene  
Concen: 46.577 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. 0.00 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

Tgt Ion: 96 Resp: 104451  
Ion Ratio Lower Upper  
96 100  
61 134.3 109.2 163.8  
98 63.1 51.1 76.7

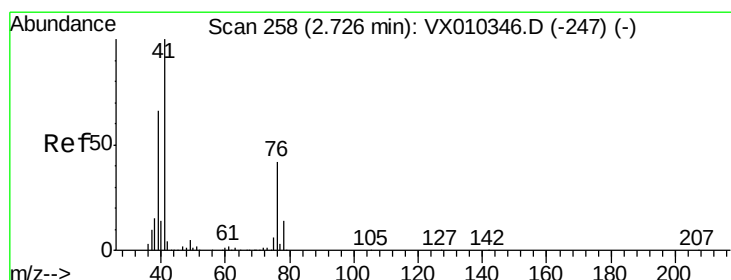
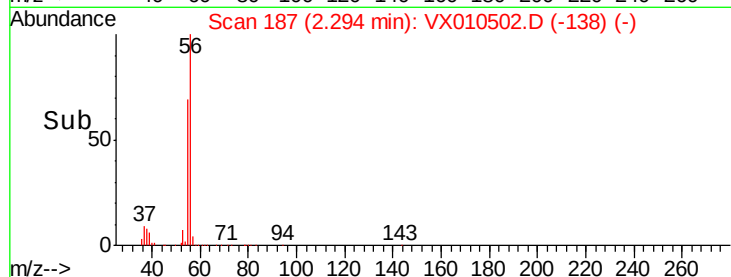
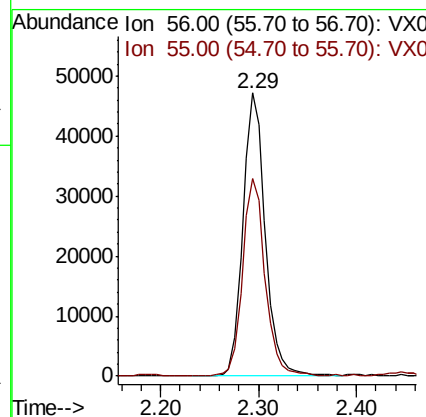
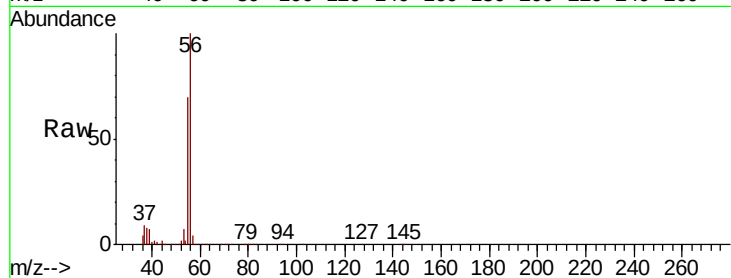




#13  
Acrolein  
Concen: 177.428 ug/l  
RT: 2.29 min Scan# 187  
Delta R.T. 0.00 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

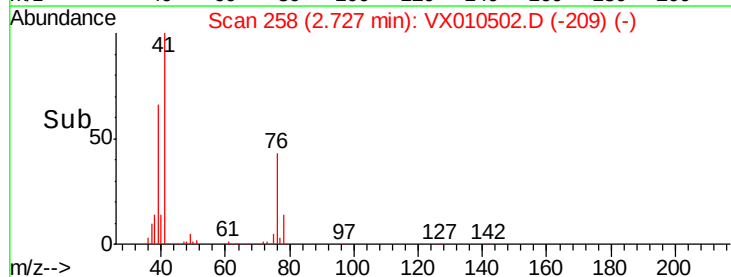
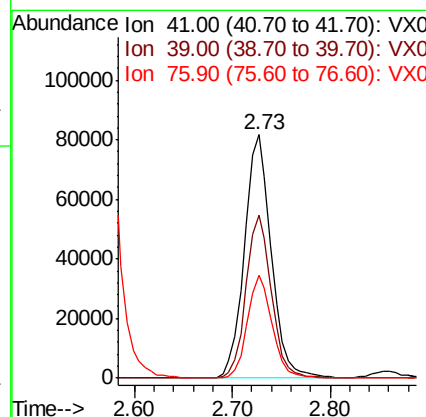
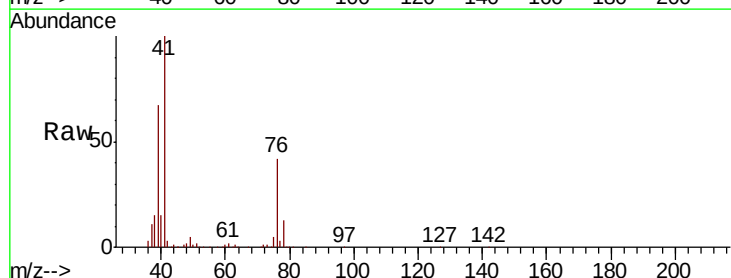
Instrument :  
MSVOA\_X  
ClientSampleId :

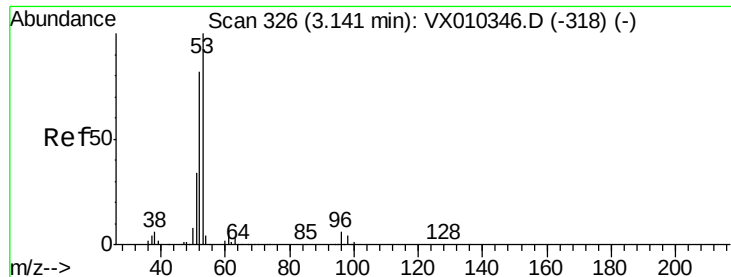
Tot Ion: 56 Resp: 74710  
Ion Ratio Lower Upper  
56 100  
55 69.9 56.9 85.3



#14  
Allyl chloride  
Concen: 48.929 ug/l  
RT: 2.73 min Scan# 258  
Delta R.T. 0.00 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

Tgt Ion: 41 Resp: 155777  
Ion Ratio Lower Upper  
41 100  
39 63.2 50.3 75.5  
76 38.4 31.3 46.9





#15

Acrylonitrile

Concen: 251.339 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

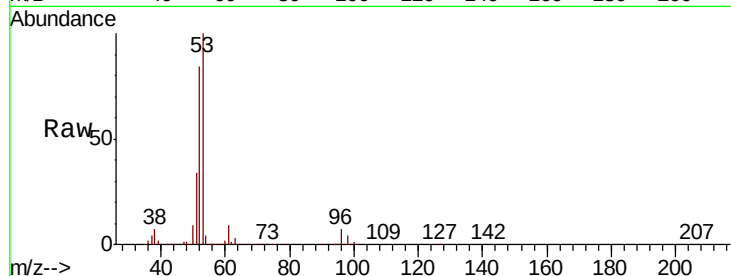
Instrument :

MSVOA\_X

ClientSampleId :

Tot Ion: 53 Resp: 315863

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.4  | 65.5  | 98.3  |
| 51  | 35.0  | 28.2  | 42.4  |

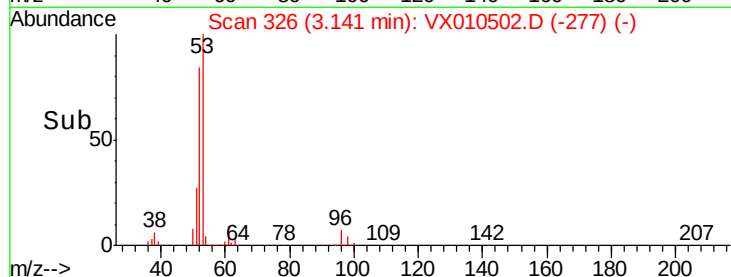


Abundance

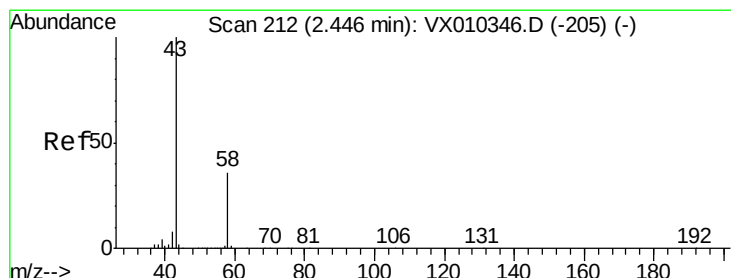
Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



Time-->



#16

Acetone

Concen: 218.385 ug/l

RT: 2.45 min Scan# 212

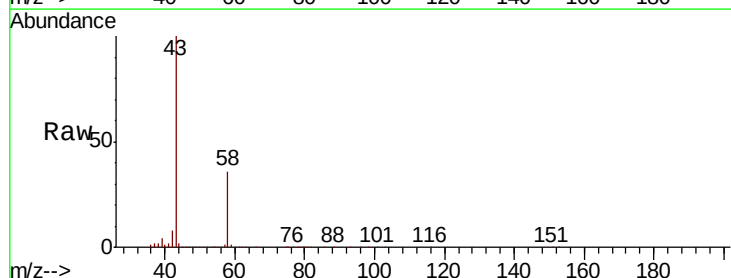
Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Tgt Ion: 43 Resp: 265495

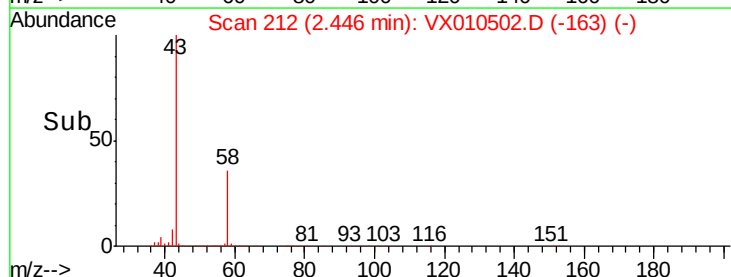
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 36.0  | 28.9  | 43.3  |



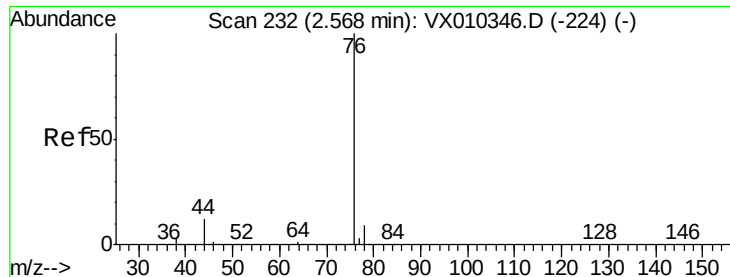
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



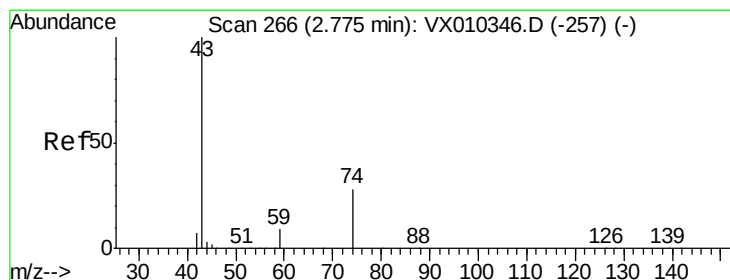
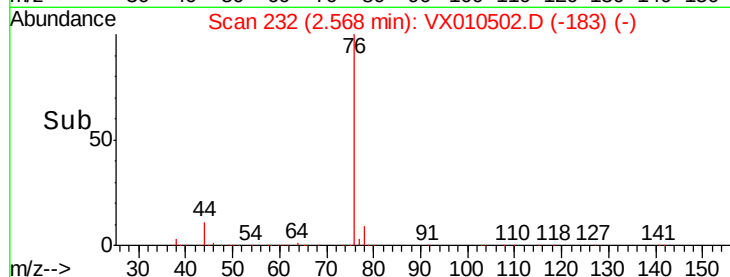
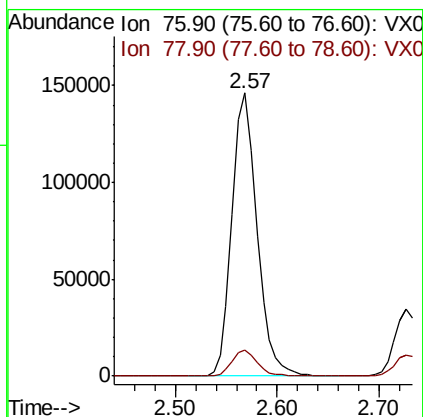
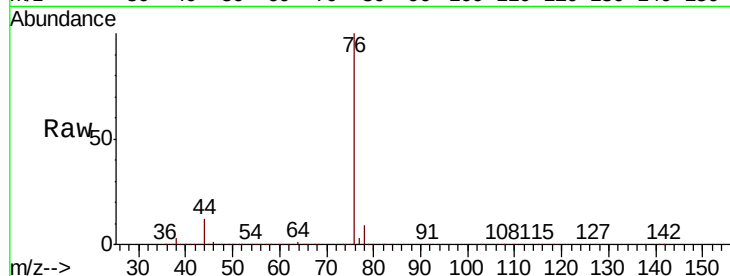
Time-->



#17  
Carbon Disulfide  
Concen: 41.422 ug/l  
RT: 2.57 min Scan# 232  
Delta R.T. 0.00 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

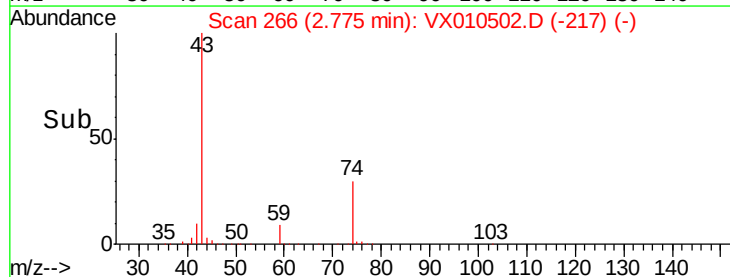
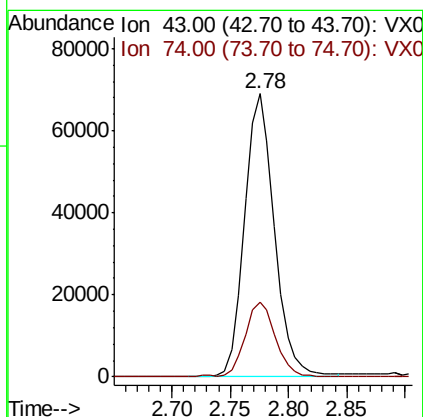
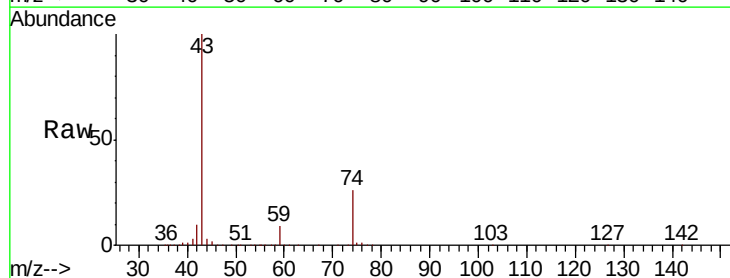
Instrument :  
MSVOA\_X  
ClientSampled :

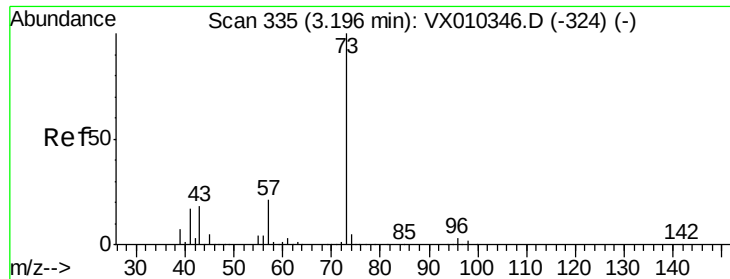
Tot Ion: 76 Resp: 249211  
Ion Ratio Lower Upper  
76 100  
78 9.1 7.3 10.9



#18  
Methyl Acetate  
Concen: 50.745 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. 0.00 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

Tgt Ion: 43 Resp: 122956  
Ion Ratio Lower Upper  
43 100  
74 27.4 21.3 31.9

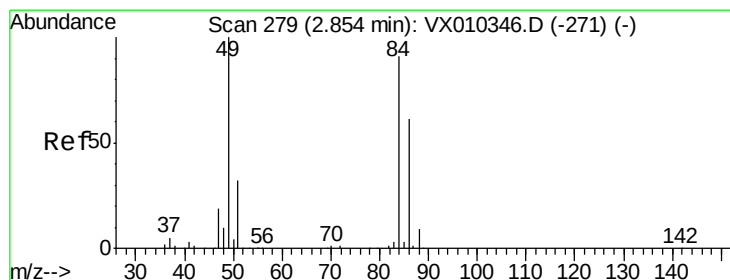
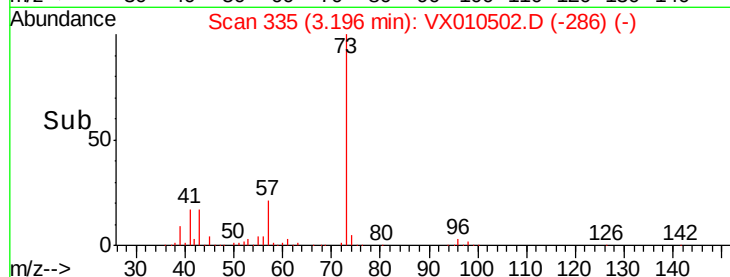
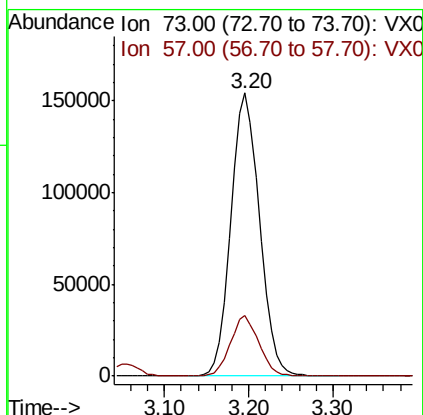
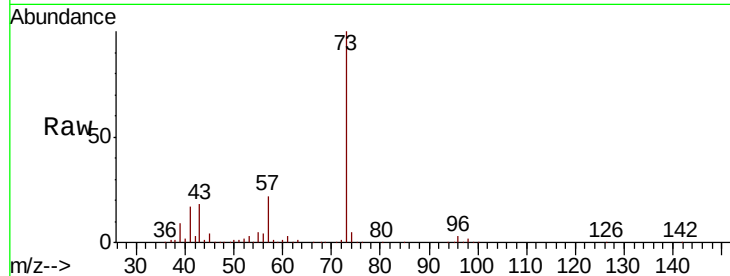




#19  
Methvl tert-butvl Ether  
Concen: 50.318 ug/l  
RT: 3.20 min Scan# 335  
Delta R.T. 0.00 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

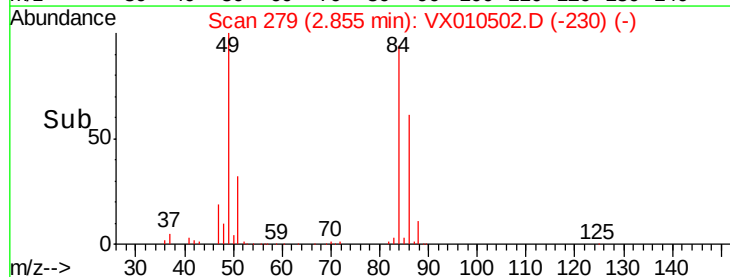
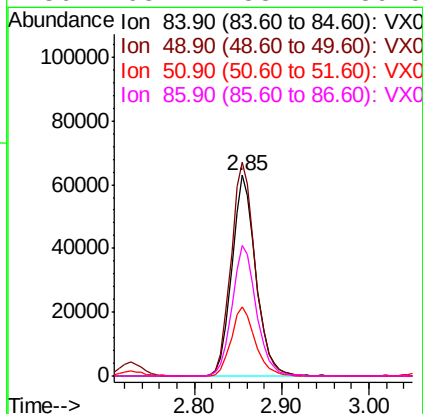
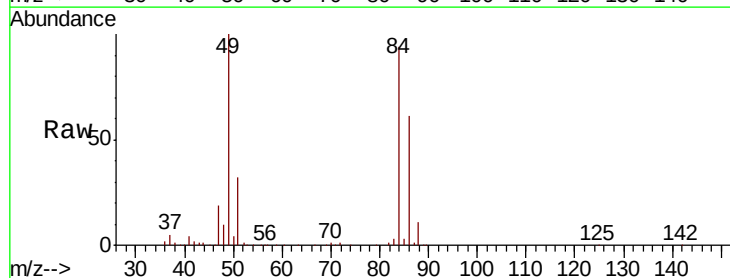
Instrument :  
MSVOA\_X  
ClientSampleId :

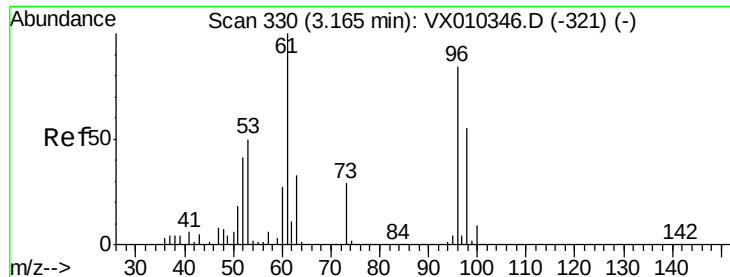
Tot Ion: 73 Resp: 354986  
Ion Ratio Lower Upper  
73 100  
57 21.5 16.4 24.6



#20  
Methylene Chloride  
Concen: 48.101 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. 0.00 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

Tgt Ion: 84 Resp: 120342  
Ion Ratio Lower Upper  
84 100  
49 106.4 87.5 131.3  
51 34.4 27.7 41.5  
86 65.1 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 47.437 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA\_X

ClientSampleId :

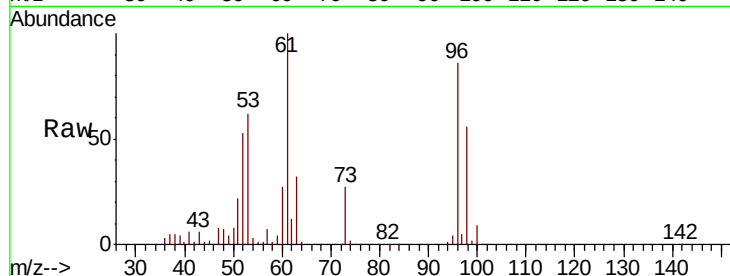
Tot Ion: 96 Resp: 114413

Ion Ratio Lower Upper

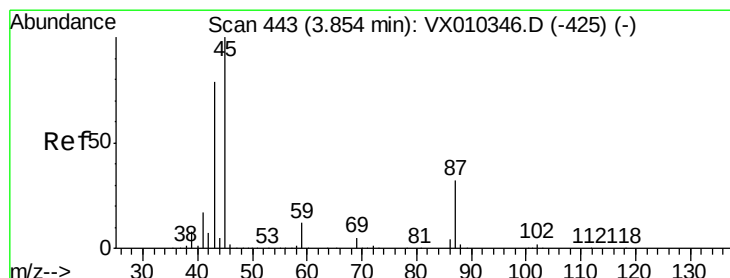
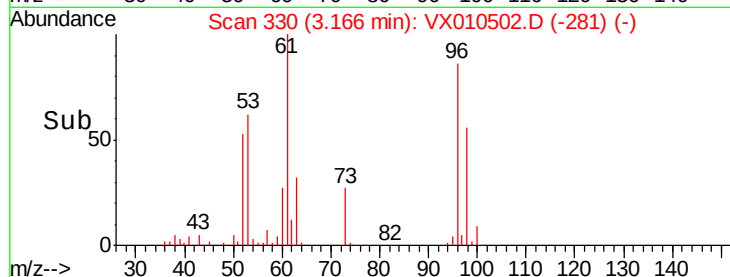
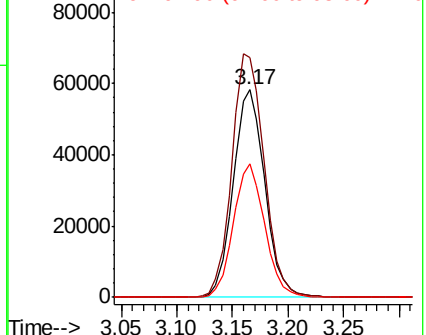
96 100

61 115.7 95.6 143.4

98 64.3 52.5 78.7



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: 50.099 ug/l

RT: 3.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Tgt Ion: 45 Resp: 333483

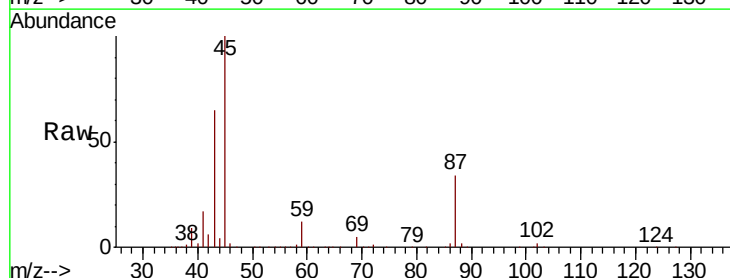
Ion Ratio Lower Upper

45 100

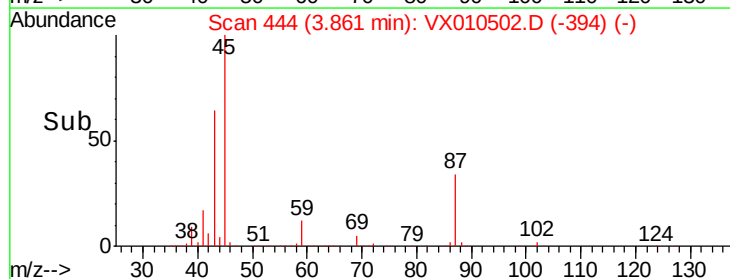
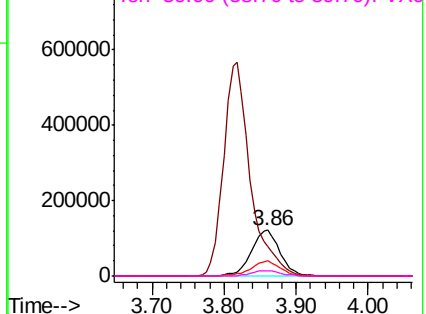
43 64.4 63.3 94.9

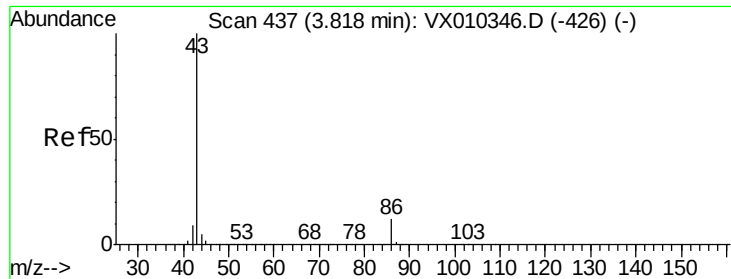
87 34.1 25.8 38.8

59 12.2 9.6 14.4



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

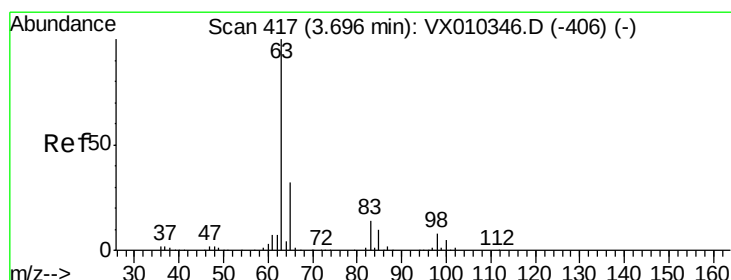
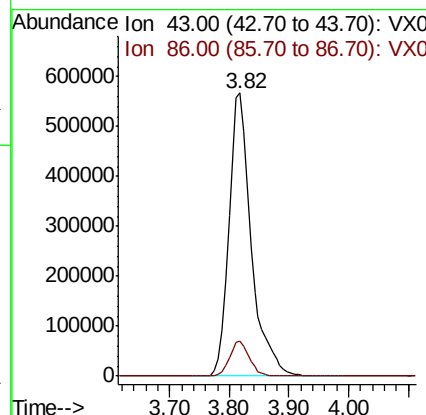
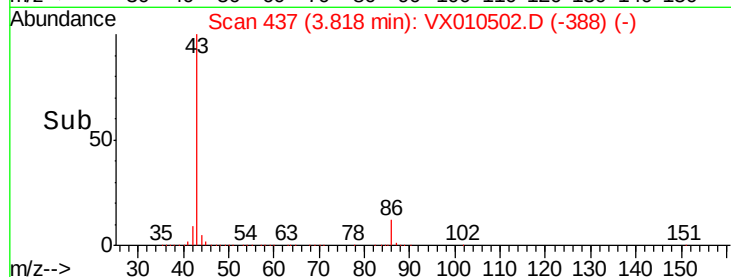
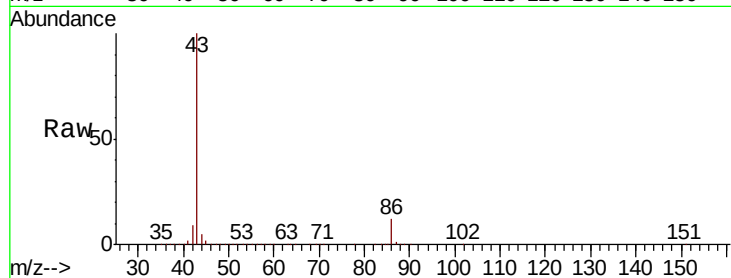




#23  
 Vinyl Acetate  
 Concen: 256.001 ug/l  
 RT: 3.82 min Scan# 437  
 Delta R.T. 0.00 min  
 Lab File: VX010502.D  
 Acq: 27 Jun 2019 20:23

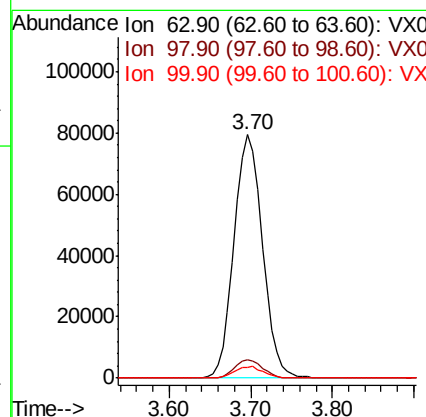
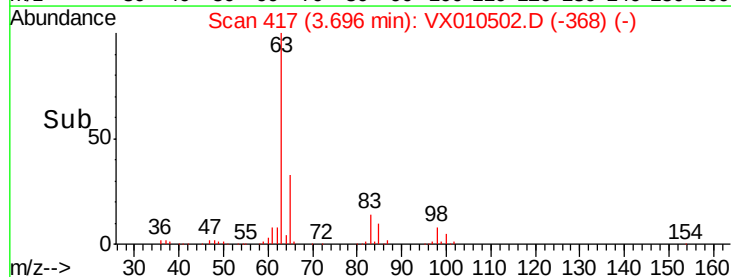
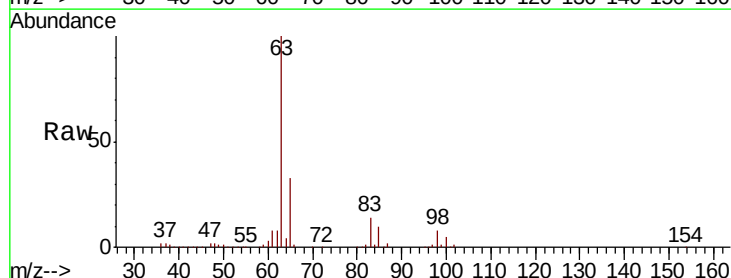
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tot Ion: 43 Resp: 1472136  
 Ion Ratio Lower Upper  
 43 100  
 86 12.3 9.9 14.9

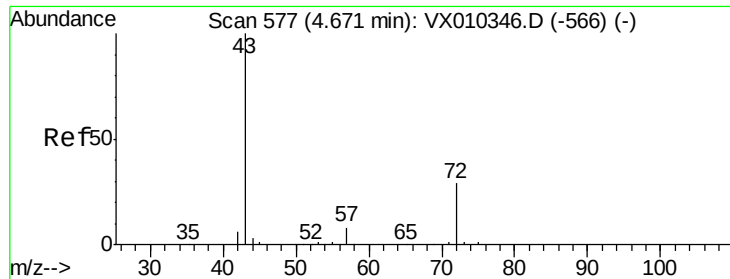


#24  
 1,1-Dichloroethane  
 Concen: 49.815 ug/l  
 RT: 3.70 min Scan# 417  
 Delta R.T. 0.00 min  
 Lab File: VX010502.D  
 Acq: 27 Jun 2019 20:23

Tgt Ion: 63 Resp: 191672  
 Ion Ratio Lower Upper  
 63 100  
 98 7.7 3.9 11.7  
 100 4.6 2.4 7.1







#25

2-Butanone

Concen: 243.590 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA\_X

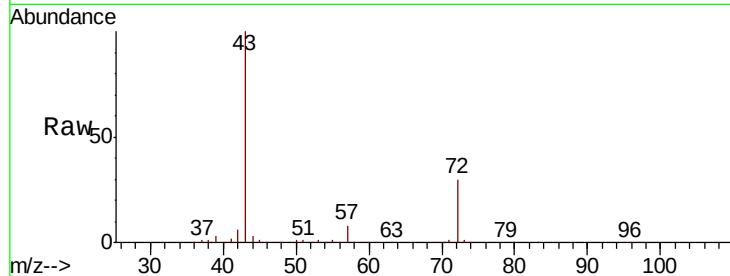
ClientSampleId :

Tot Ion: 43 Resp: 434397

Ion Ratio Lower Upper

43 100

72 30.2 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.67

150000

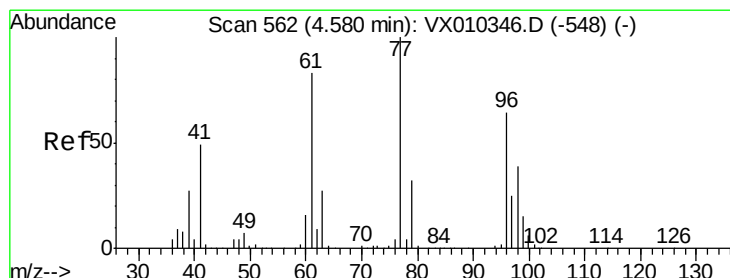
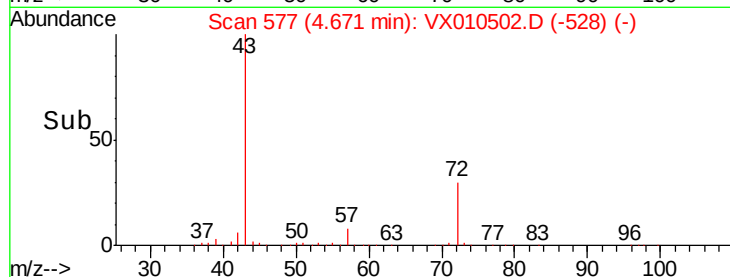
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 43.935 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010502.D

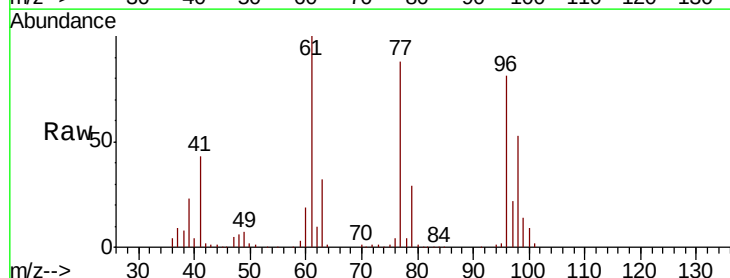
Acq: 27 Jun 2019 20:23

Tgt Ion: 77 Resp: 146851

Ion Ratio Lower Upper

77 100

97 25.8 13.1 39.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

50000

40000

30000

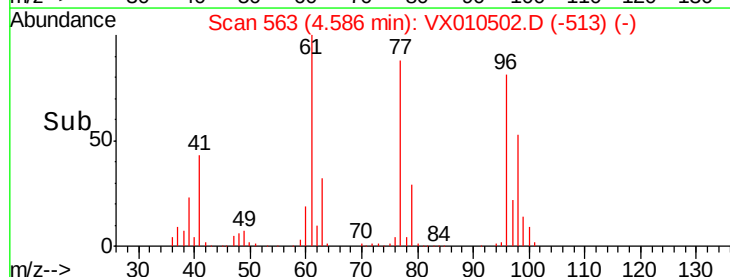
20000

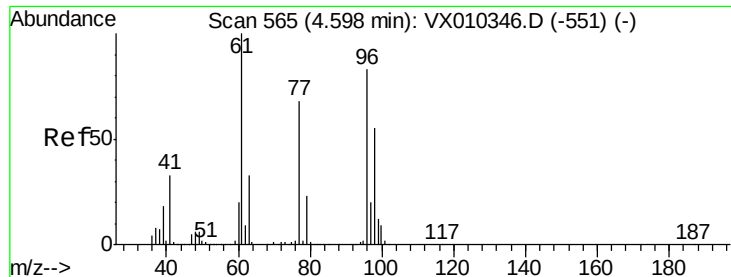
10000

0

4.40 4.50 4.60 4.70

Time-->



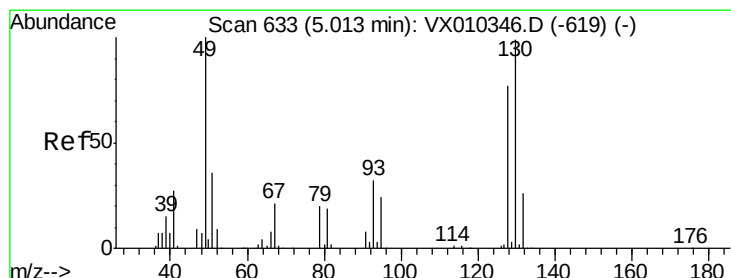
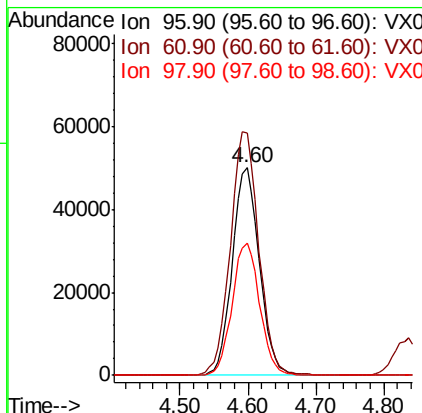
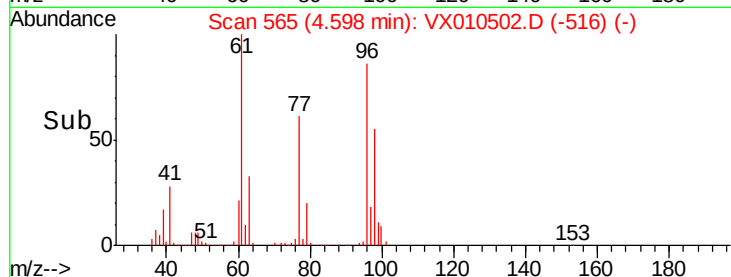
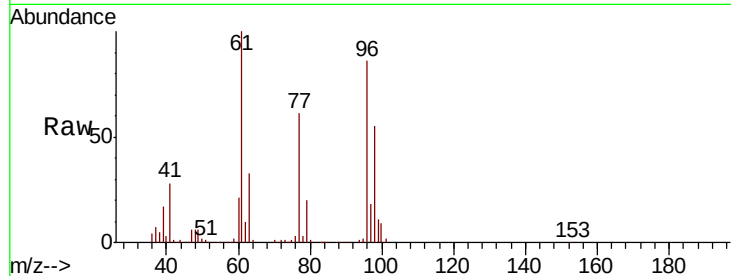


#27

cis-1,2-Dichloroethene  
 Concen: 49.776 ug/l  
 RT: 4.60 min Scan# 565  
 Delta R.T. 0.00 min  
 Lab File: VX010502.D  
 Acq: 27 Jun 2019 20:23

Instrument :  
 MSVOA\_X  
 ClientSampleId :

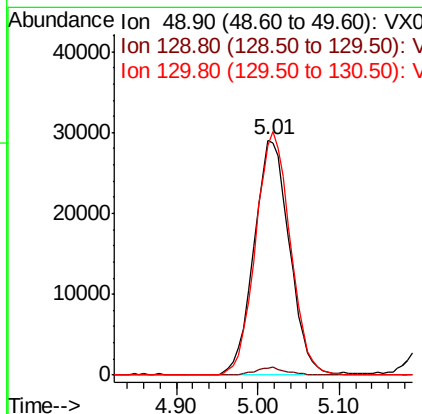
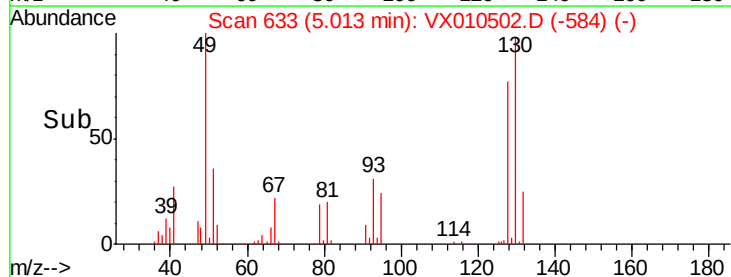
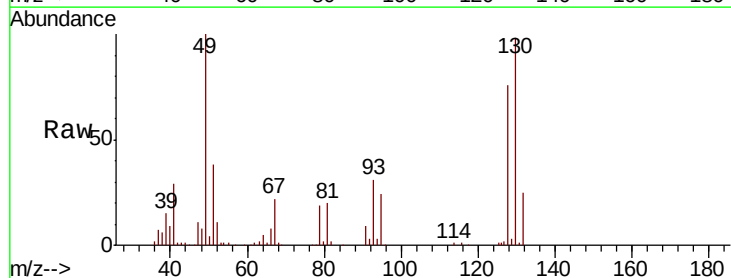
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 122.7 | 0.0   | 251.8 |
| 98      | 64.7  | 0.0   | 129.4 |

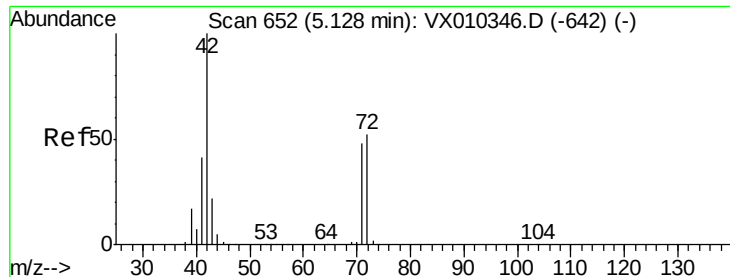


#28

Bromochloromethane  
 Concen: 47.925 ug/l  
 RT: 5.01 min Scan# 633  
 Delta R.T. 0.00 min  
 Lab File: VX010502.D  
 Acq: 27 Jun 2019 20:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 3.0   | 0.0   | 5.6   |
| 130     | 101.3 | 81.4  | 122.0 |





#29

Tetrahydrofuran

Concen: 252.955 ug/l

RT: 5.13 min Scan# 652

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA\_X

ClientSampleId :

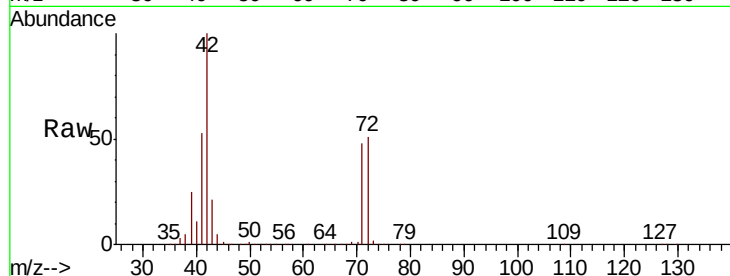
Tot Ion: 42 Resp: 279413

Ion Ratio Lower Upper

42 100

72 50.9 40.6 60.8

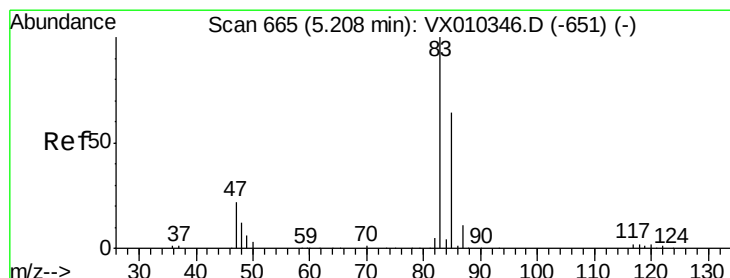
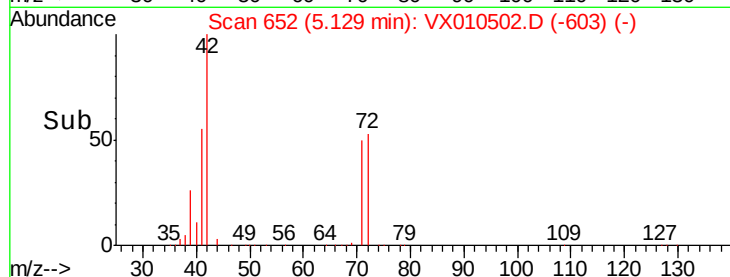
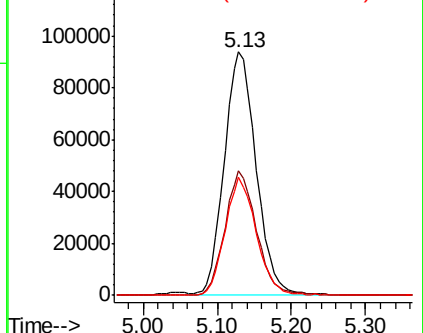
71 47.3 37.8 56.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.907 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010502.D

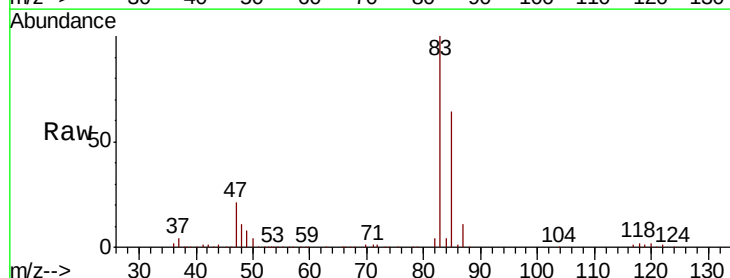
Acq: 27 Jun 2019 20:23

Tgt Ion: 83 Resp: 206611

Ion Ratio Lower Upper

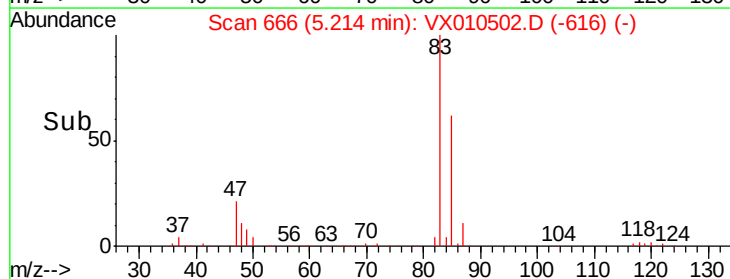
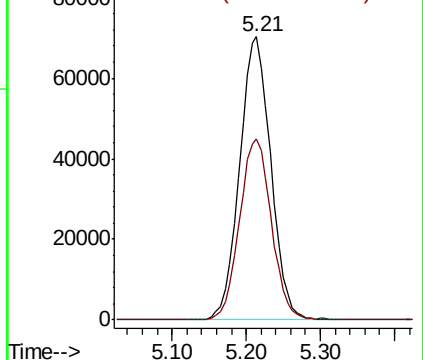
83 100

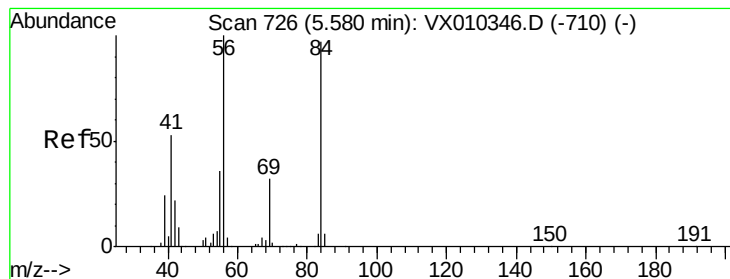
85 64.1 50.9 76.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 47.221 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA\_X

ClientSampleId :

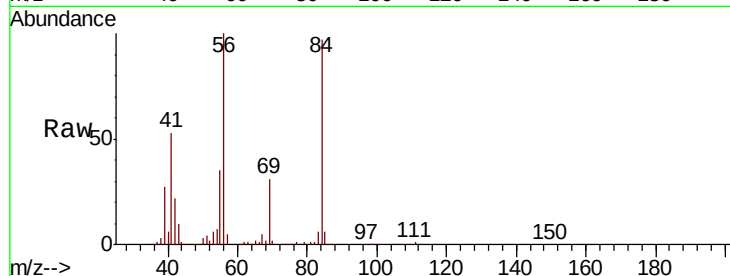
Tot Ion: 56 Resp: 165456

Ion Ratio Lower Upper

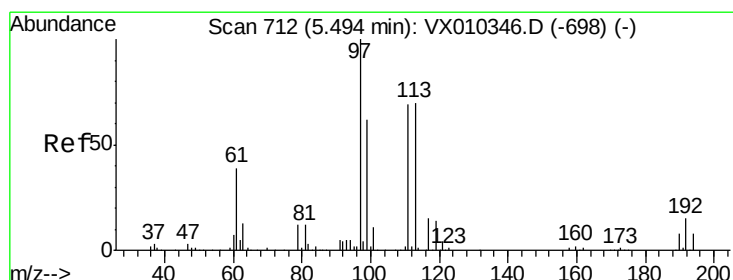
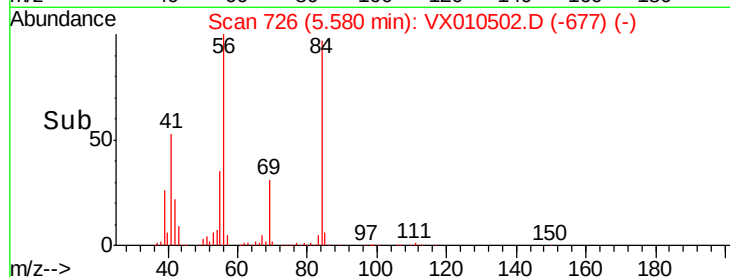
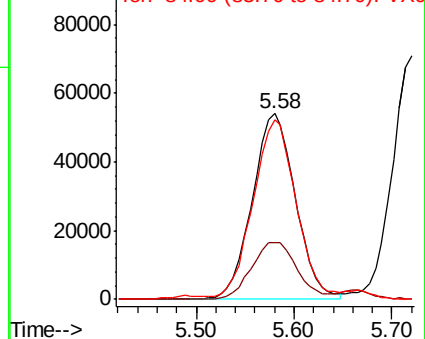
56 100

69 30.8 25.9 38.9

84 94.8 78.0 117.0



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: 49.532 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

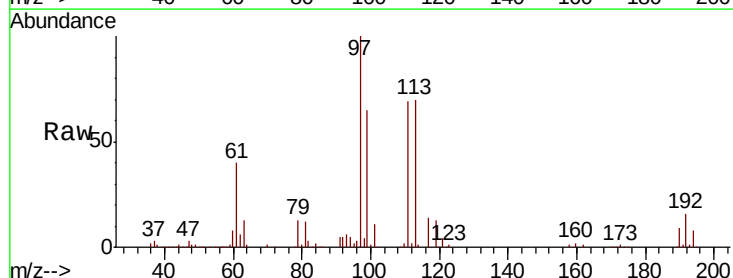
Tgt Ion: 97 Resp: 181066

Ion Ratio Lower Upper

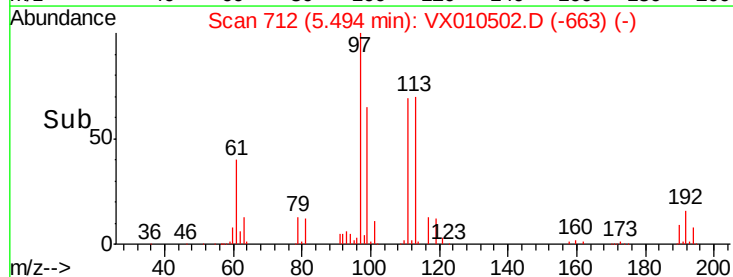
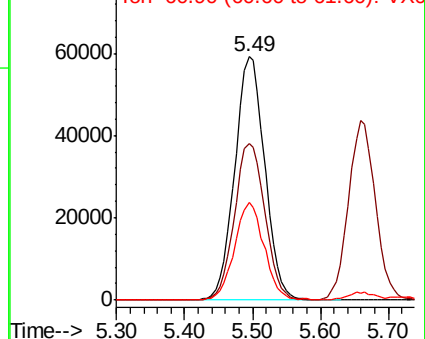
97 100

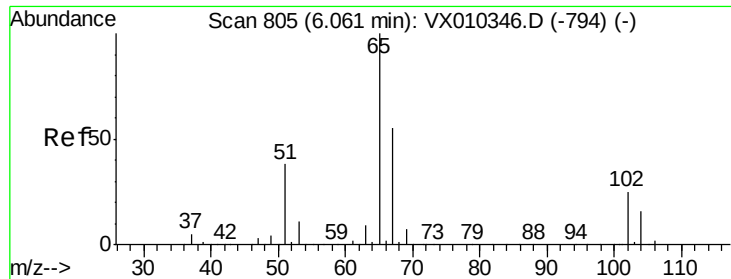
99 65.5 51.8 77.8

61 39.8 32.1 48.1



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

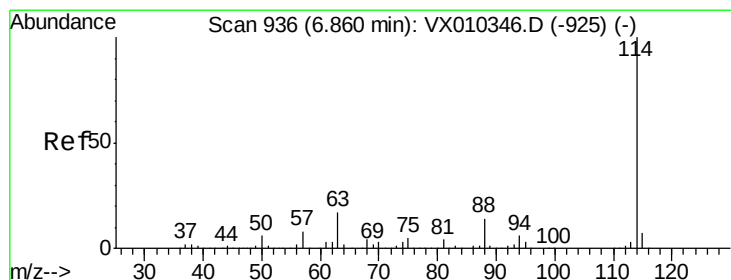
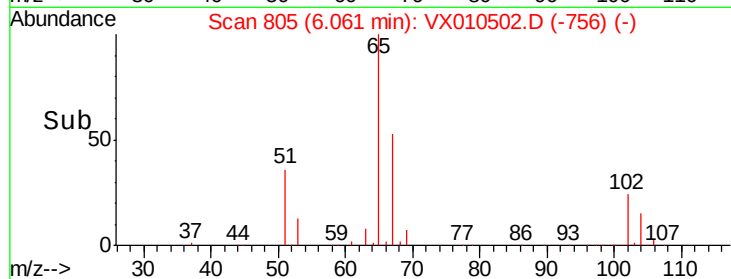
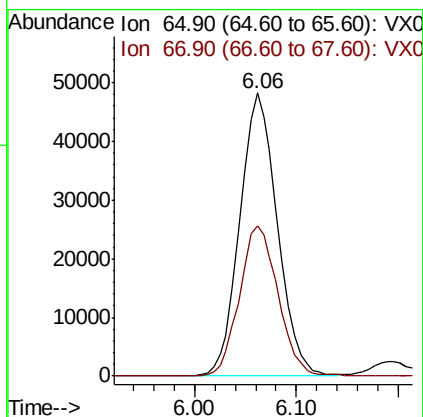
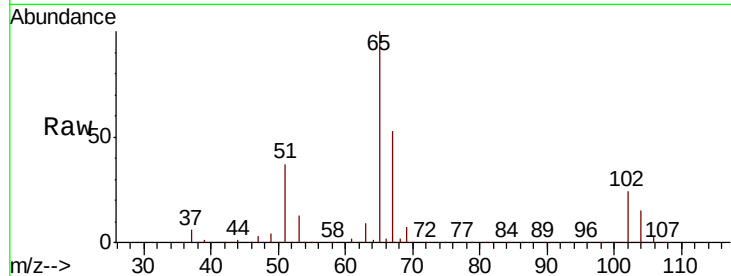




#33  
 1,2-Dichloroethane-d4  
 Concen: 50.827 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. 0.00 min  
 Lab File: VX010502.D  
 Acq: 27 Jun 2019 20:23

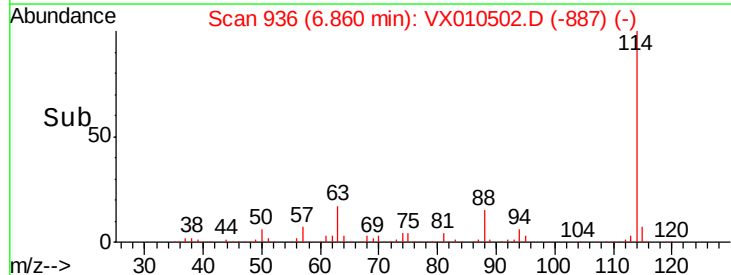
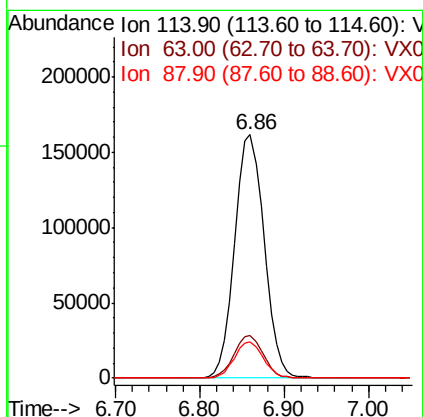
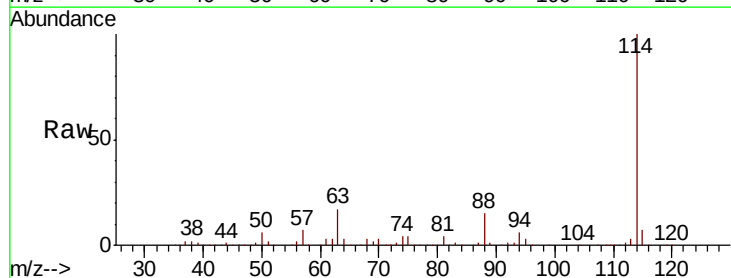
Instrument :  
 MSVOA\_X  
 ClientSampled :

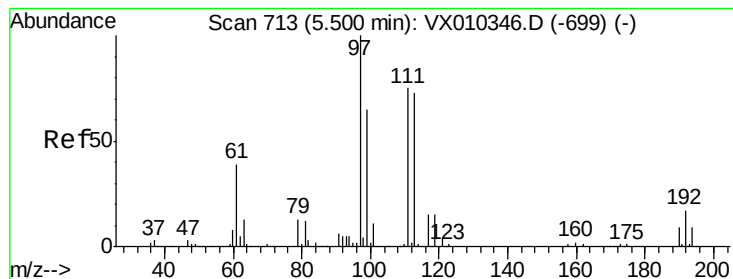
Tot Ion: 65 Resp: 123294  
 Ion Ratio Lower Upper  
 65 100  
 67 54.8 0.0 110.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX010502.D  
 Acq: 27 Jun 2019 20:23

Tgt Ion: 114 Resp: 383457  
 Ion Ratio Lower Upper  
 114 100  
 63 17.4 0.0 33.8  
 88 14.8 0.0 27.6





#35

Dibromofluoromethane

Concen: 51.089 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA\_X

ClientSampled :

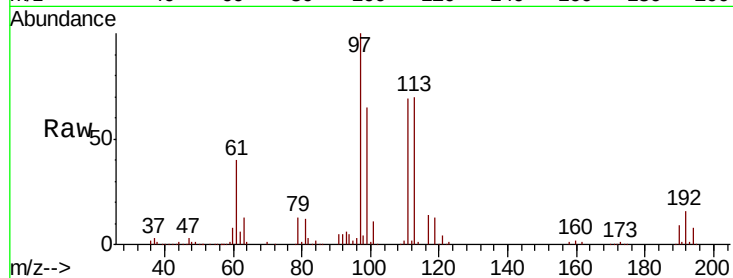
Tot Ion:113 Resp: 119861

Ion Ratio Lower Upper

113 100

111 102.4 81.2 121.8

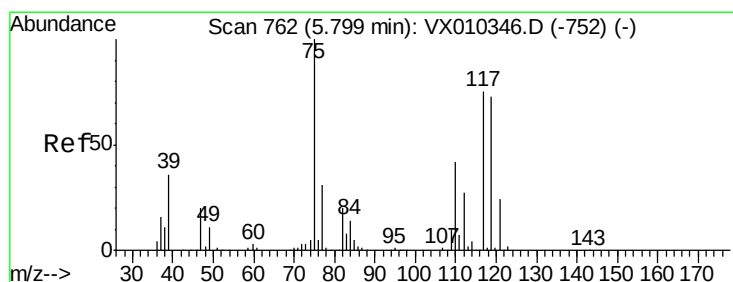
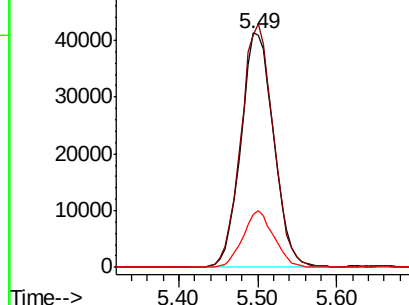
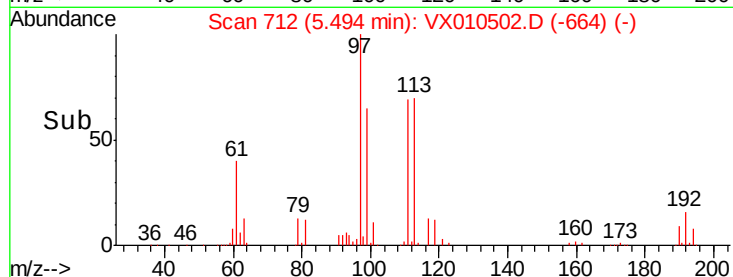
192 22.9 18.6 27.8



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: 47.855 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

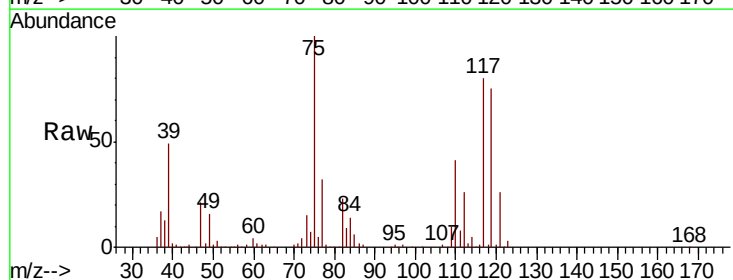
Tgt Ion: 75 Resp: 145821

Ion Ratio Lower Upper

75 100

110 41.2 20.8 62.2

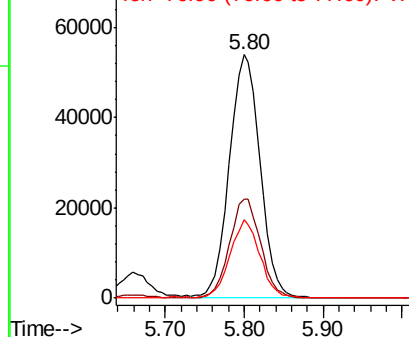
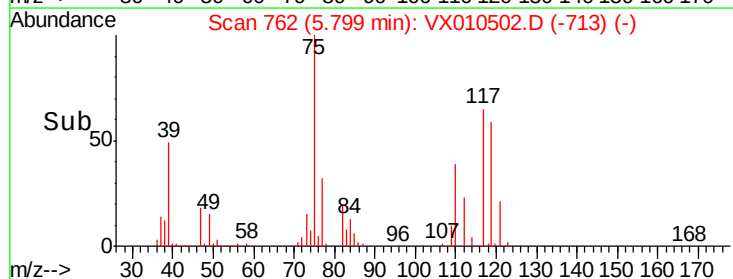
77 31.4 25.4 38.0

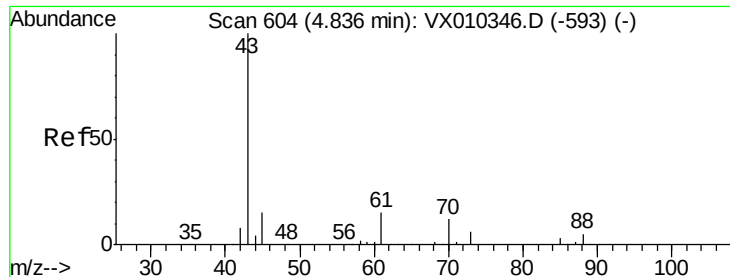


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 52.256 ug/l

RT: 4.84 min Scan# 604

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA\_X

ClientSampled :

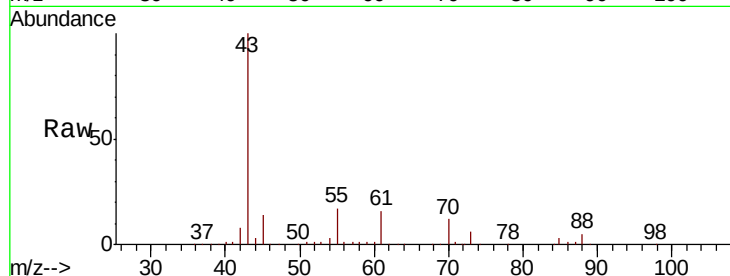
Tot Ion: 43 Resp: 163813

Ion Ratio Lower Upper

43 100

61 15.3 12.4 18.6

70 11.9 9.8 14.8



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

150000

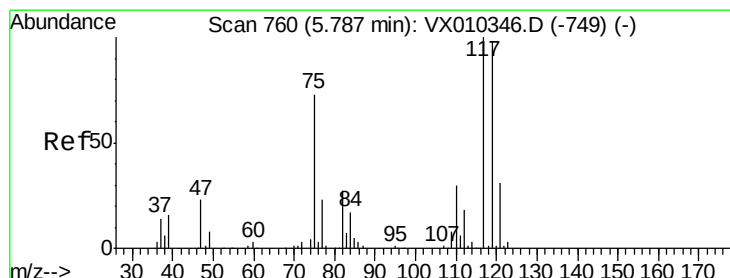
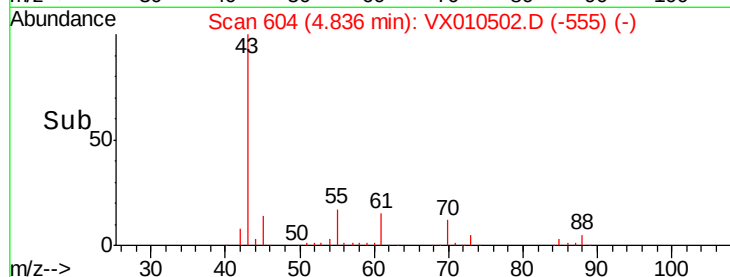
100000

50000

0

4.70 4.80 4.90 5.00

Time-->



#38

Carbon Tetrachloride

Concen: 49.269 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

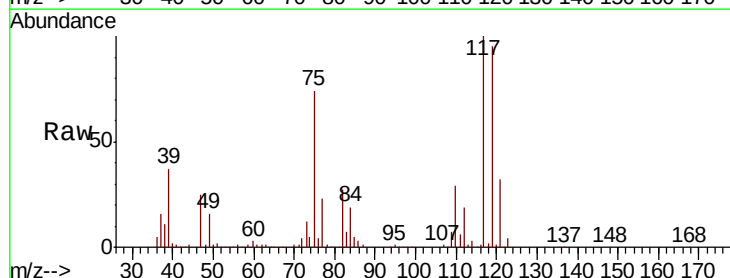
Tgt Ion: 117 Resp: 162572

Ion Ratio Lower Upper

117 100

119 95.0 78.2 117.4

121 31.6 24.7 37.1



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

60000

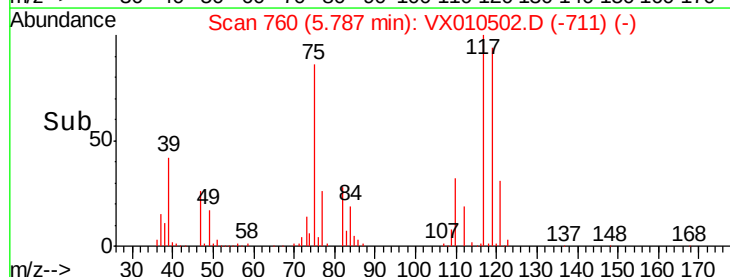
40000

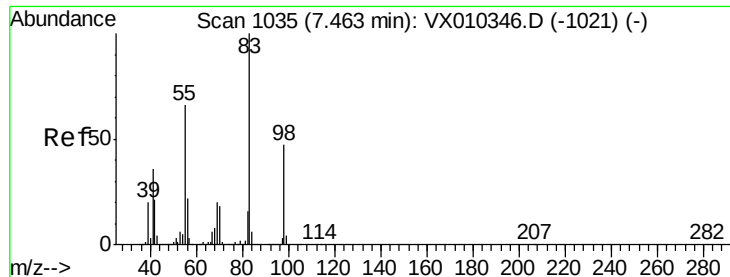
20000

0

5.70 5.80 5.90

Time-->

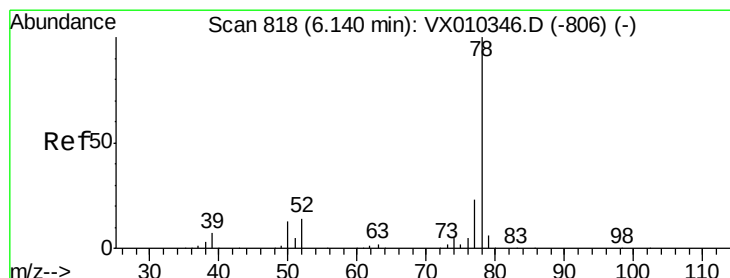
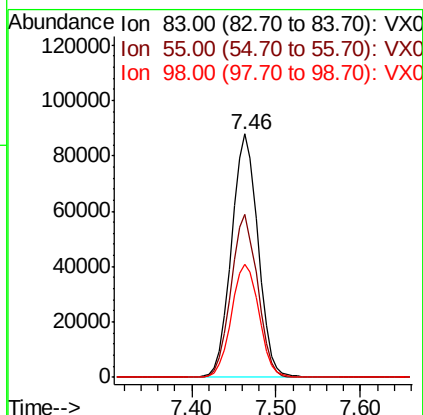
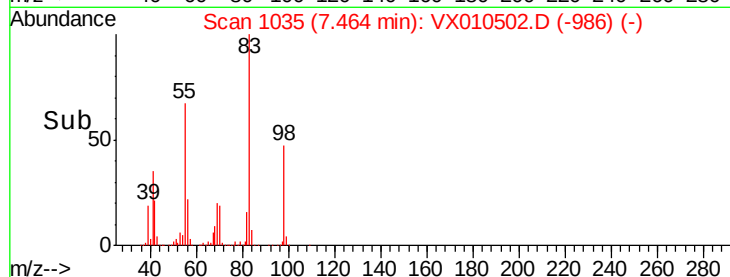
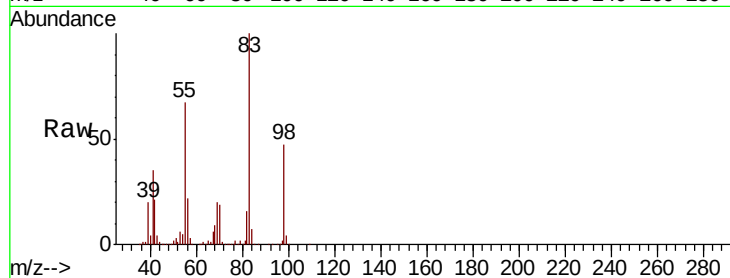




#39  
Methylvlcyclohexane  
Concen: 46.541 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

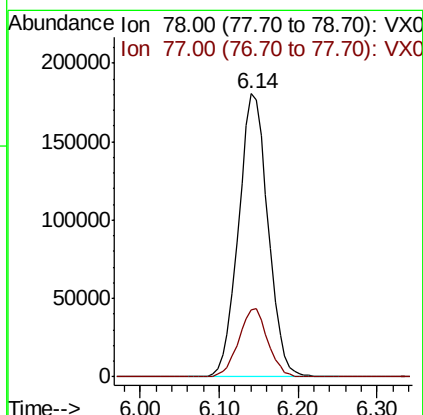
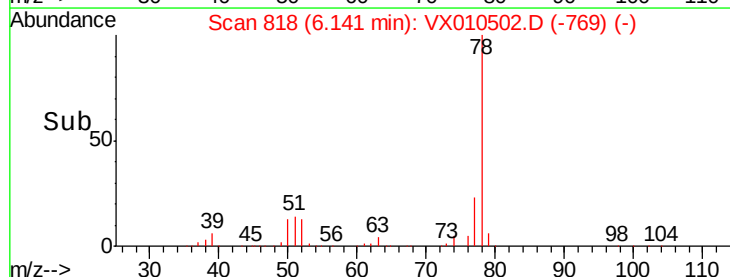
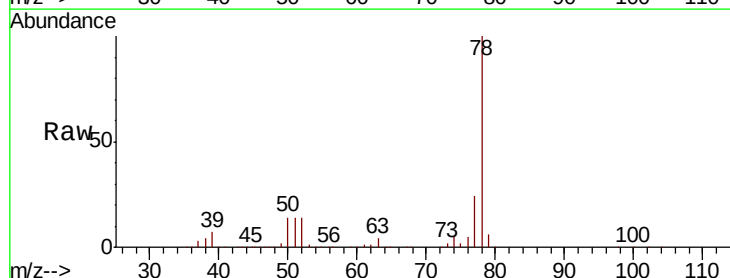
Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 83 Resp: 186415  
Ion Ratio Lower Upper  
83 100  
55 67.1 53.0 79.6  
98 46.6 37.8 56.8

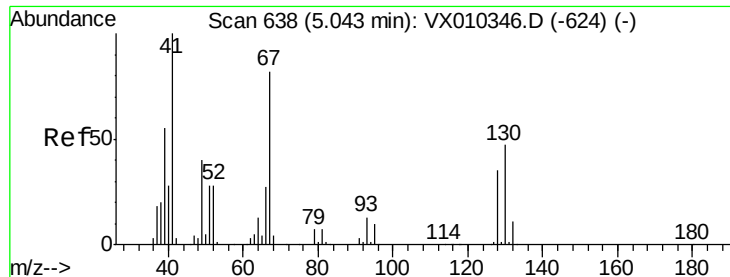


#40  
Benzene  
Concen: 49.504 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. 0.00 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

Tgt Ion: 78 Resp: 469958  
Ion Ratio Lower Upper  
78 100  
77 23.5 18.6 28.0



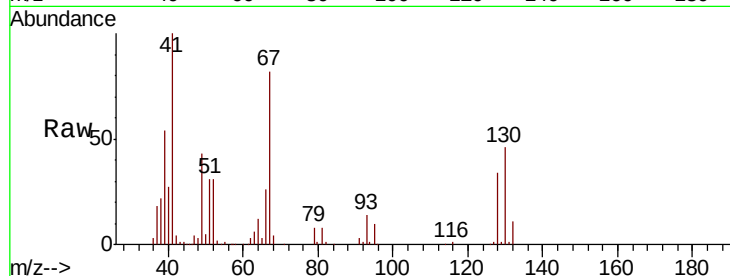




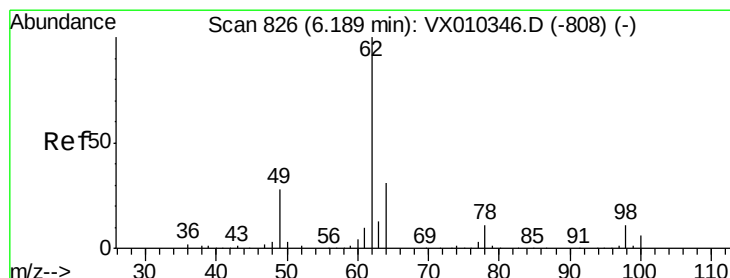
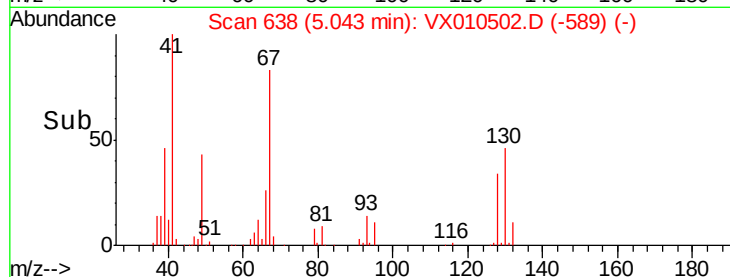
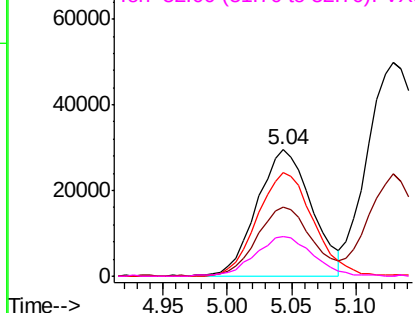
#41  
Methacrylonitrile  
Concen: 50.235 ug/l  
RT: 5.04 min Scan# 638  
Delta R.T. 0.00 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

Instrument :  
MSVOA\_X  
ClientSampled :

|          |       |       |       |
|----------|-------|-------|-------|
| Tot Ion: | 41    | Resp: | 86405 |
| Ion      | Ratio | Lower | Upper |
| 41       | 100   |       |       |
| 39       | 54.6  | 43.8  | 65.8  |
| 67       | 84.9  | 66.6  | 100.0 |
| 52       | 33.6  | 24.5  | 36.7  |

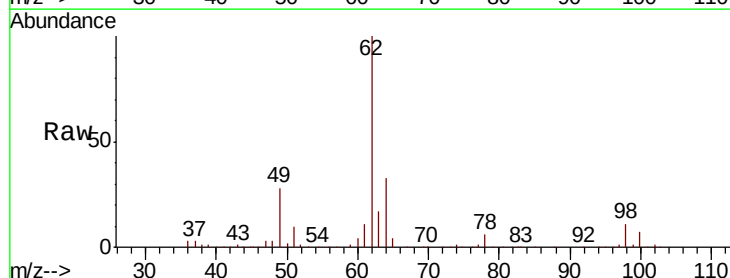


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

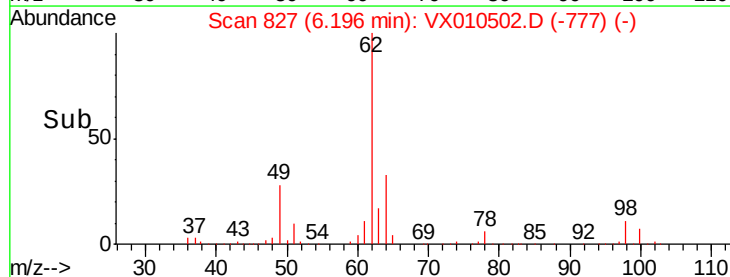
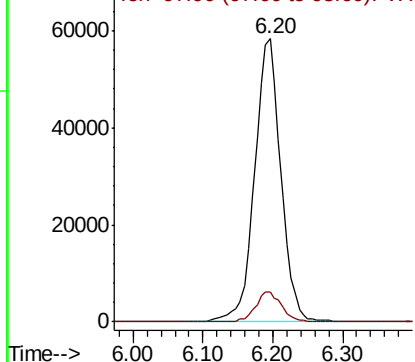


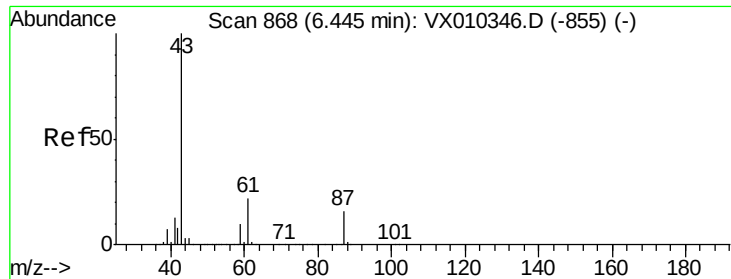
#42  
1,2-Dichloroethane  
Concen: 52.368 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. 0.01 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 151331 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.5  | 0.0   | 22.2   |



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





#43

Isopropyl Acetate

Concen: 51.576 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA\_X

ClientSampled :

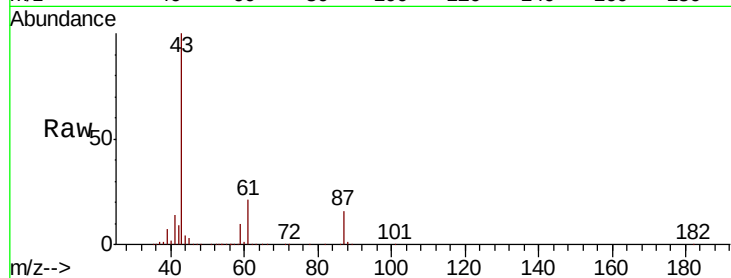
Tot Ion: 43 Resp: 267496

Ion Ratio Lower Upper

43 100

61 21.4 17.8 26.6

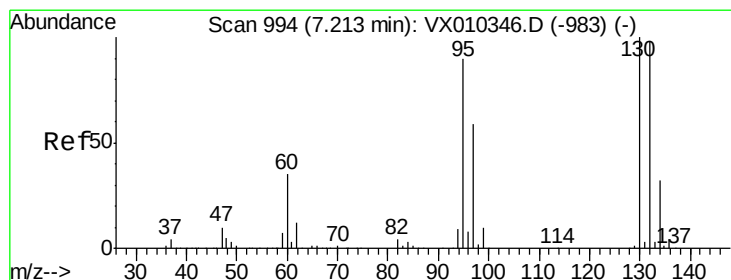
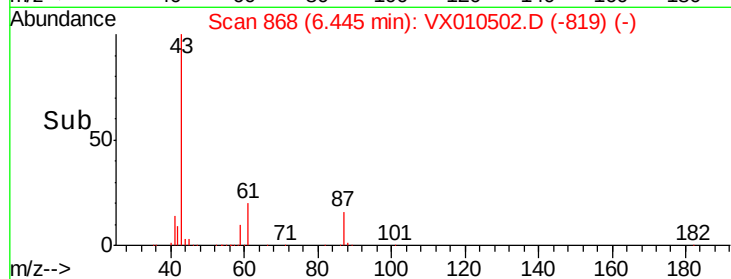
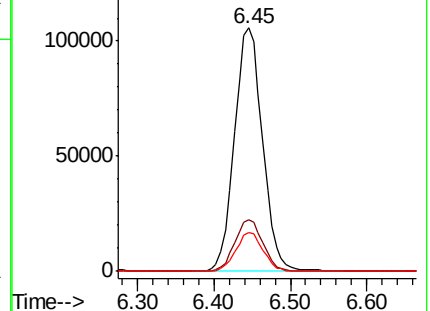
87 15.6 13.0 19.4



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: 49.150 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010502.D

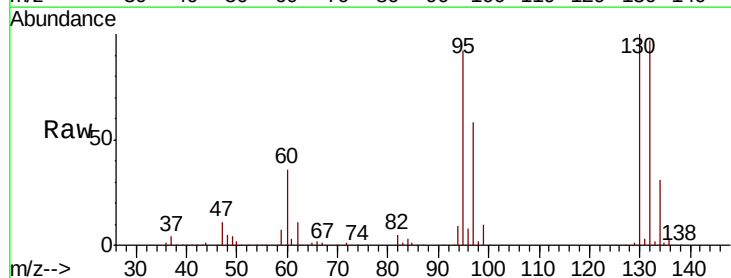
Acq: 27 Jun 2019 20:23

Tgt Ion:130 Resp: 139617

Ion Ratio Lower Upper

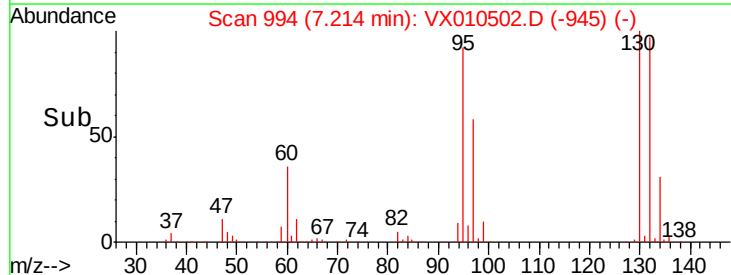
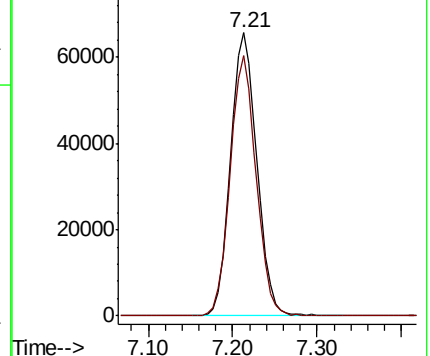
130 100

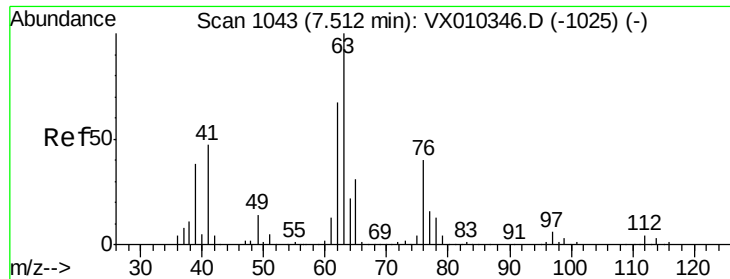
95 92.2 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

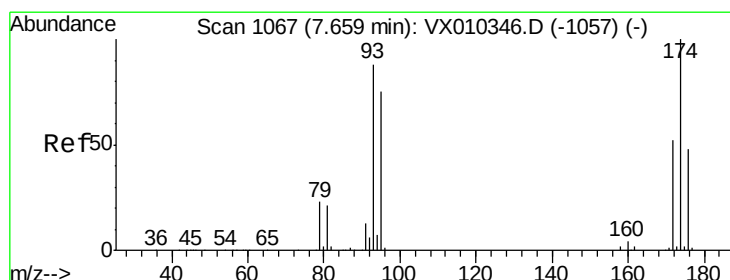
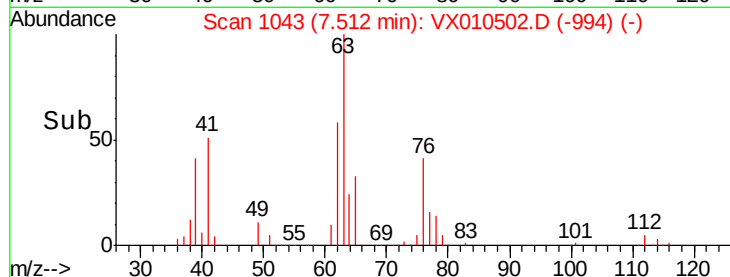
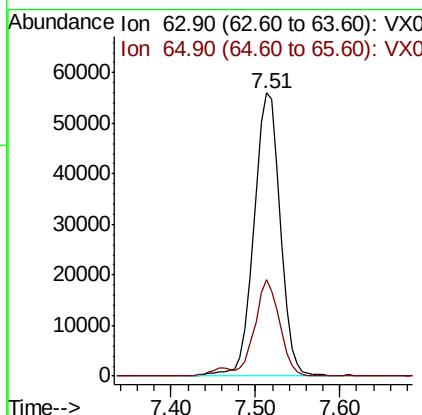
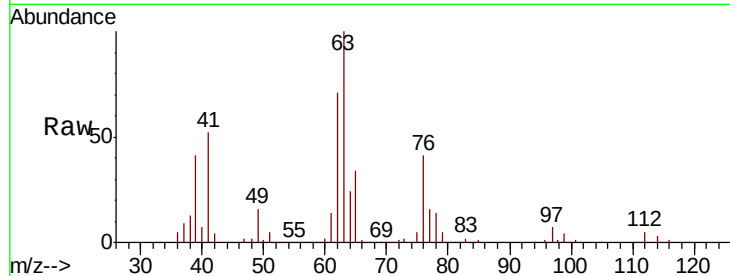




#45  
 1,2-Dichloropropane  
 Concen: 49.670 ug/l  
 RT: 7.51 min Scan# 1043  
 Delta R.T. 0.00 min  
 Lab File: VX010502.D  
 Acq: 27 Jun 2019 20:23

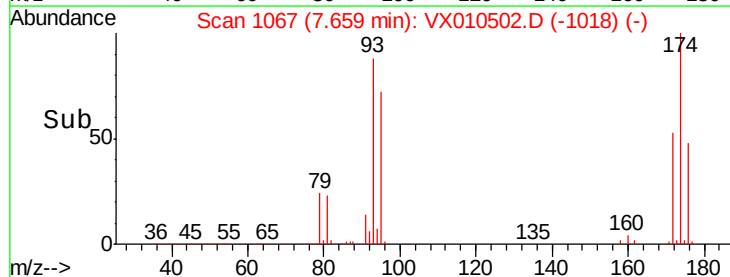
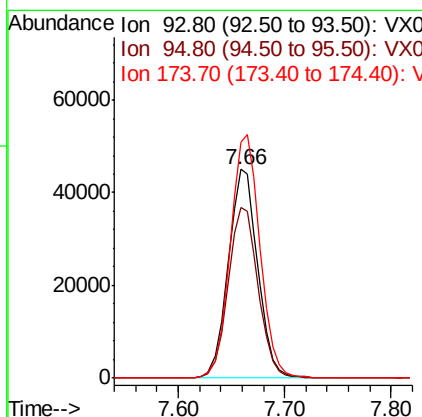
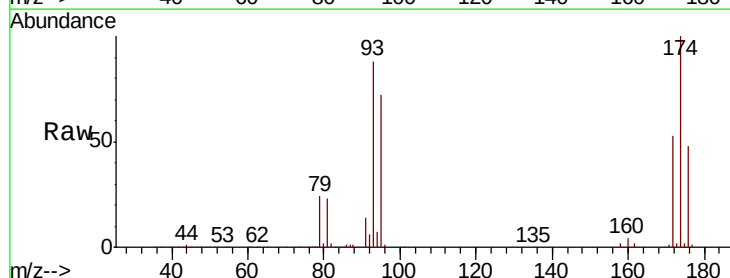
Instrument :  
 MSVOA\_X  
 ClientSampleId :

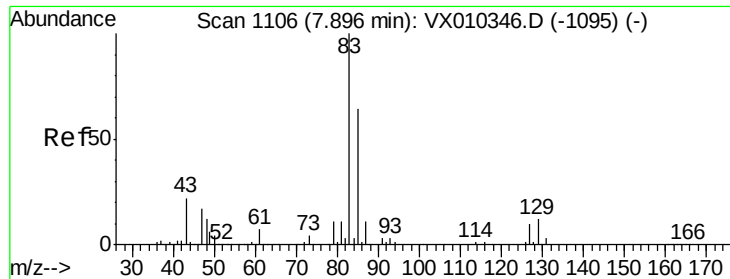
Tot Ion: 63 Resp: 119076  
 Ion Ratio Lower Upper  
 63 100  
 65 34.1 24.8 37.2



#46  
 Dibromomethane  
 Concen: 50.713 ug/l  
 RT: 7.66 min Scan# 1067  
 Delta R.T. 0.00 min  
 Lab File: VX010502.D  
 Acq: 27 Jun 2019 20:23

Tgt Ion: 93 Resp: 87228  
 Ion Ratio Lower Upper  
 93 100  
 95 83.5 67.5 101.3  
 174 118.0 95.8 143.6





#47

Bromodichloromethane

Concen: 50.911 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA\_X

ClientSampled :

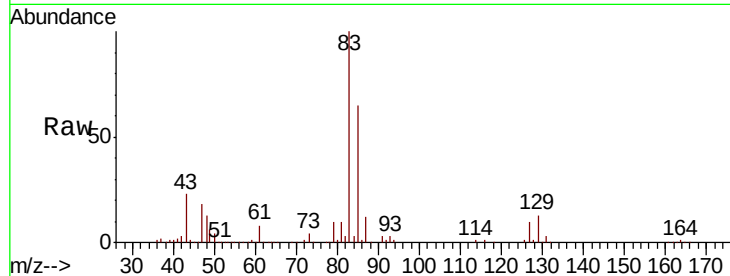
Tot Ion: 83 Resp: 160481

Ion Ratio Lower Upper

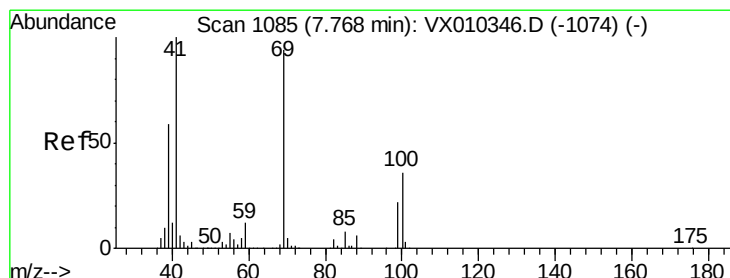
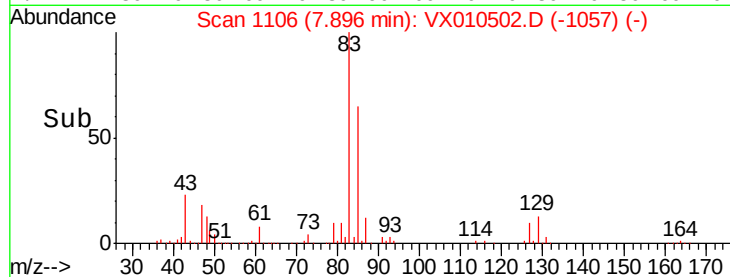
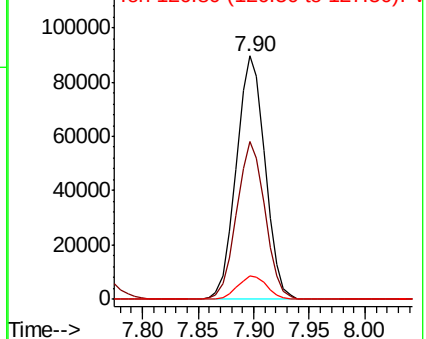
83 100

85 64.5 51.5 77.3

127 9.7 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: 51.473 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

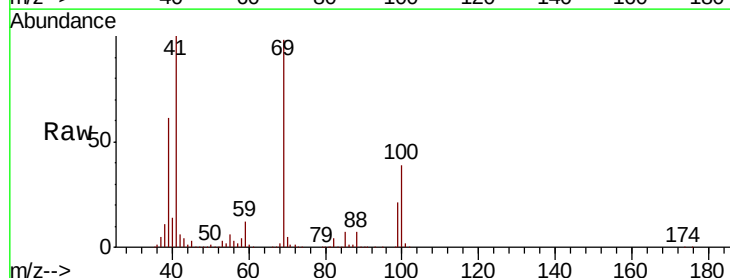
Tgt Ion: 41 Resp: 124088

Ion Ratio Lower Upper

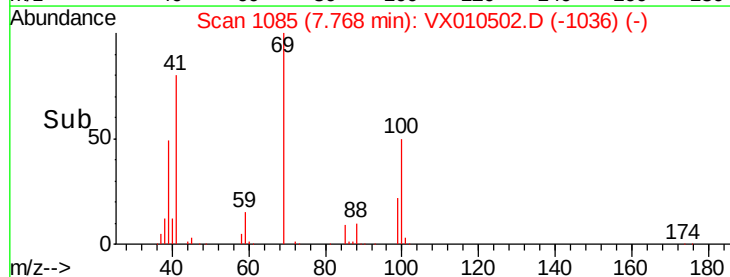
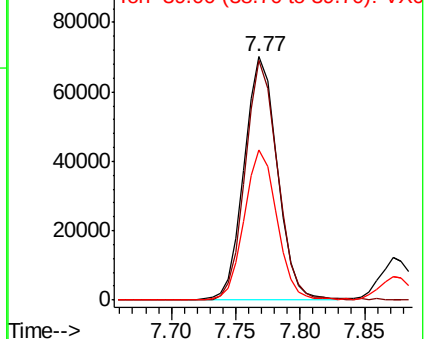
41 100

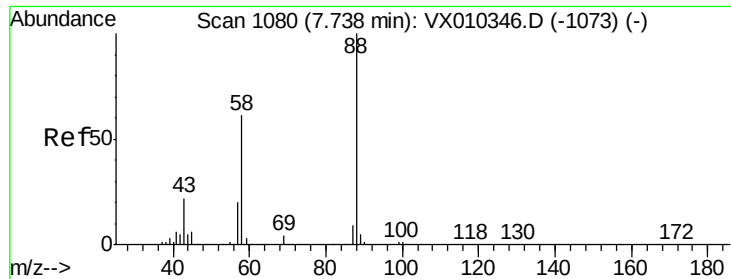
69 96.1 76.1 114.1

39 60.9 47.6 71.4



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: 1003.121 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA\_X

ClientSampleId :

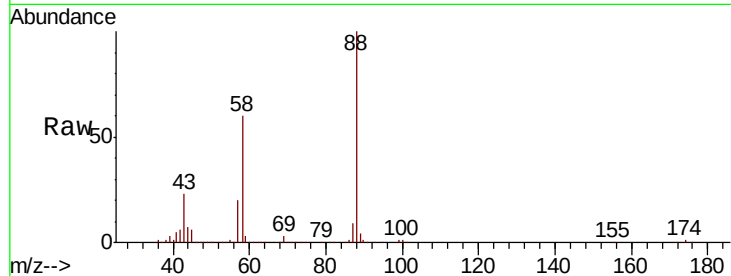
Tot Ion: 88 Resp: 69664

Ion Ratio Lower Upper

88 100

43 26.4 20.2 30.2

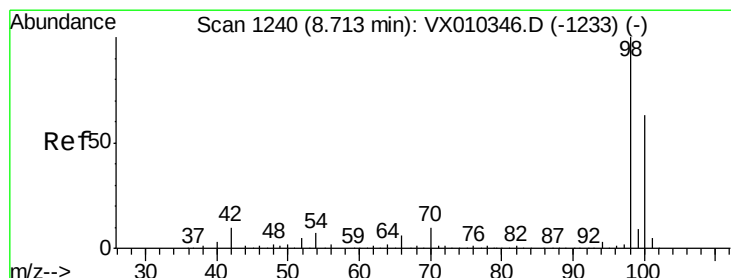
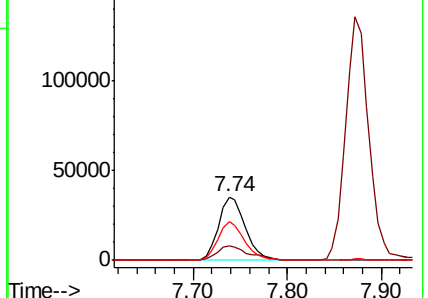
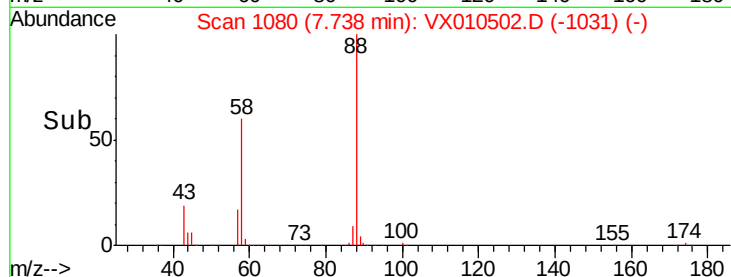
58 60.1 49.5 74.3



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: 50.284 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010502.D

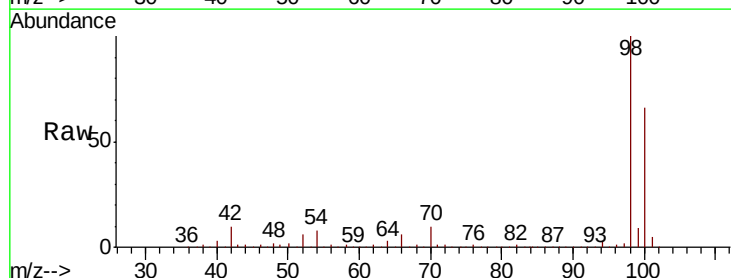
Acq: 27 Jun 2019 20:23

Tgt Ion: 98 Resp: 451338

Ion Ratio Lower Upper

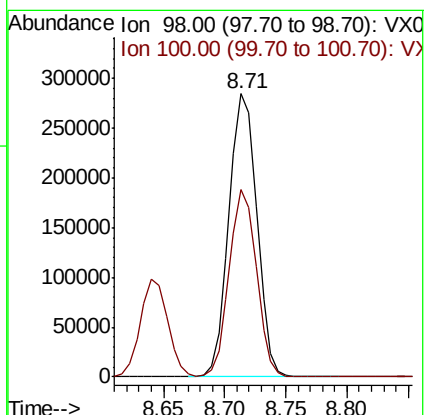
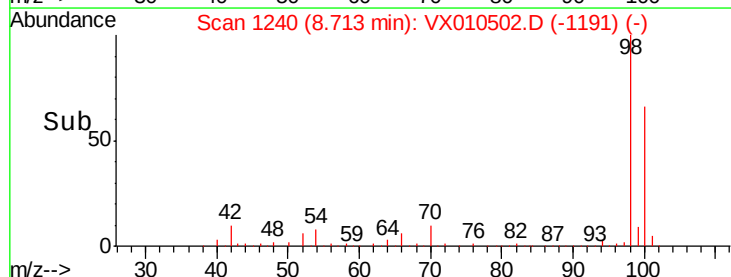
98 100

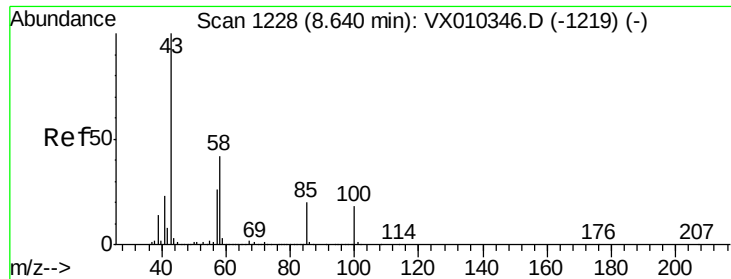
100 64.3 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

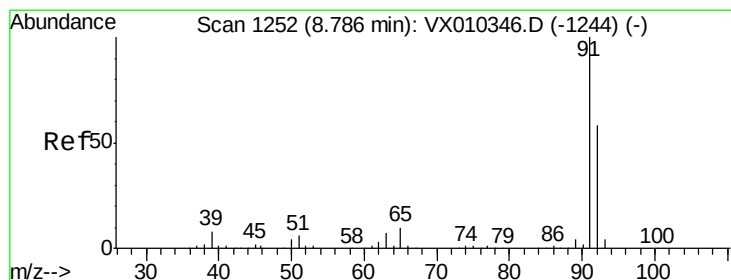
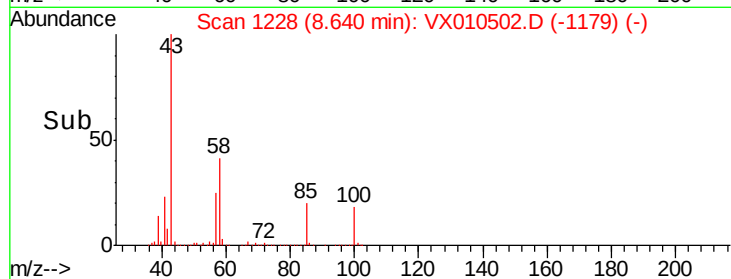
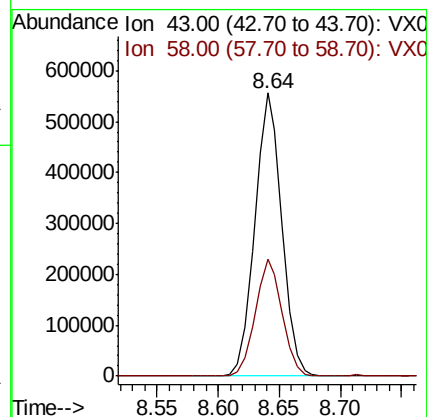
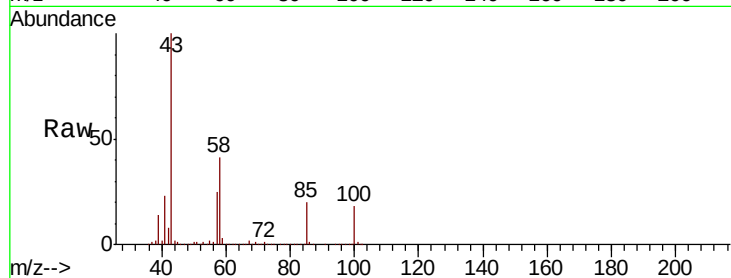




#51  
 4-Methyl-2-Pentanone  
 Concen: 256.763 ug/l  
 RT: 8.64 min Scan# 1228  
 Delta R.T. 0.00 min  
 Lab File: VX010502.D  
 Acq: 27 Jun 2019 20:23

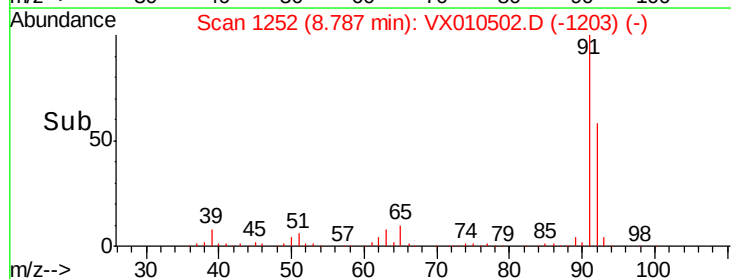
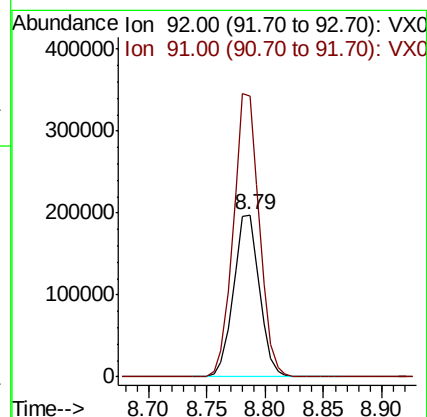
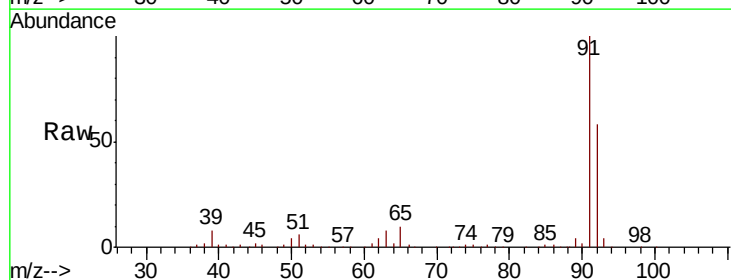
Instrument :  
 MSVOA\_X  
 ClientSampled :

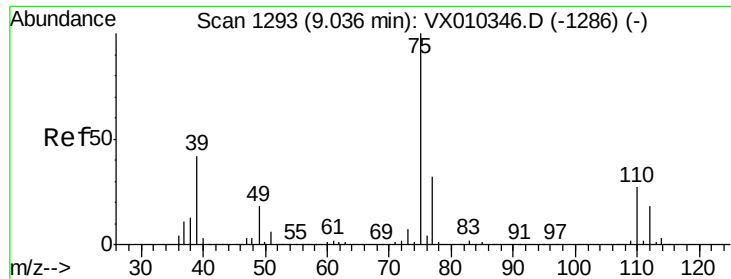
Tot Ion: 43 Resp: 851700  
 Ion Ratio Lower Upper  
 43 100  
 58 41.1 33.5 50.3



#52  
 Toluene  
 Concen: 49.059 ug/l  
 RT: 8.79 min Scan# 1252  
 Delta R.T. 0.00 min  
 Lab File: VX010502.D  
 Acq: 27 Jun 2019 20:23

Tgt Ion: 92 Resp: 306701  
 Ion Ratio Lower Upper  
 92 100  
 91 174.9 139.8 209.6

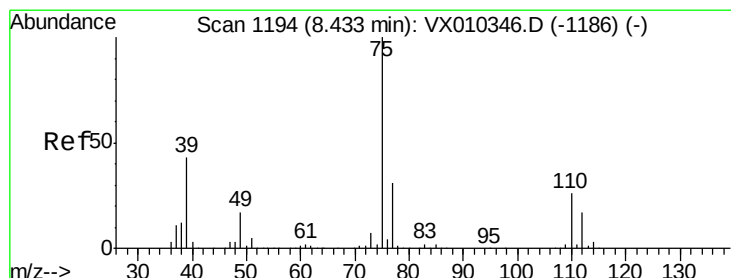
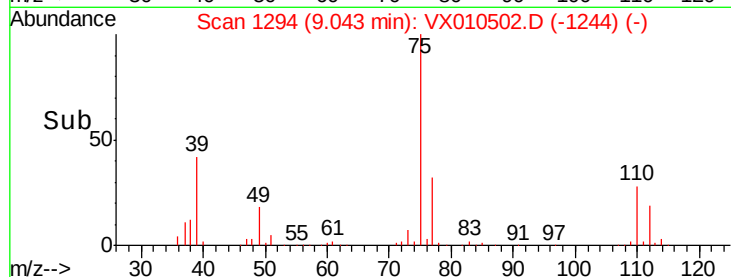
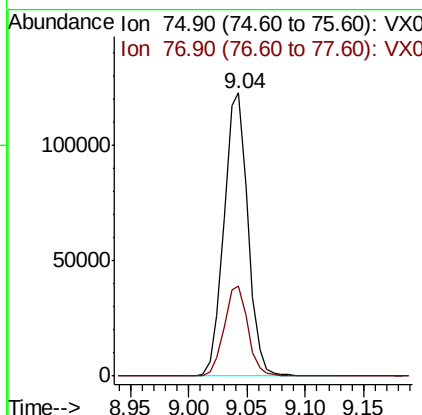
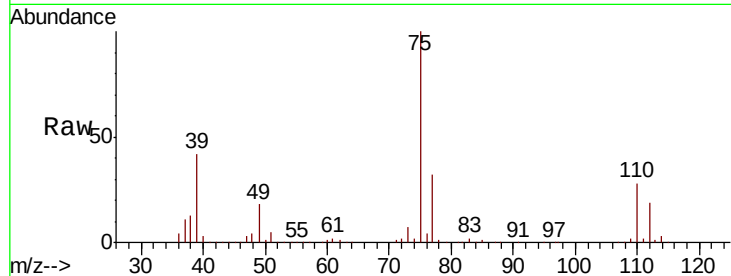




#53  
 t-1,3-Dichloropropene  
 Concen: 49.288 ug/l  
 RT: 9.04 min Scan# 1294  
 Delta R.T. 0.01 min  
 Lab File: VX010502.D  
 Acq: 27 Jun 2019 20:23

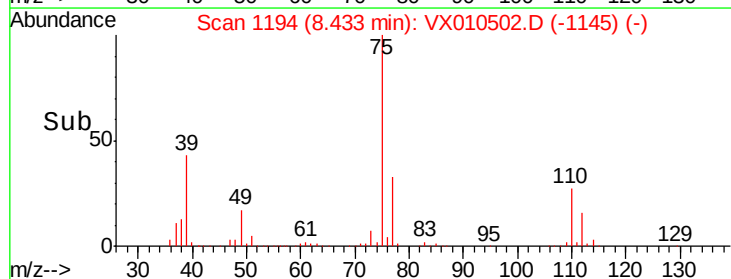
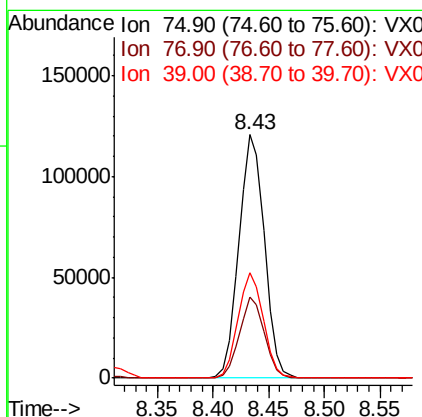
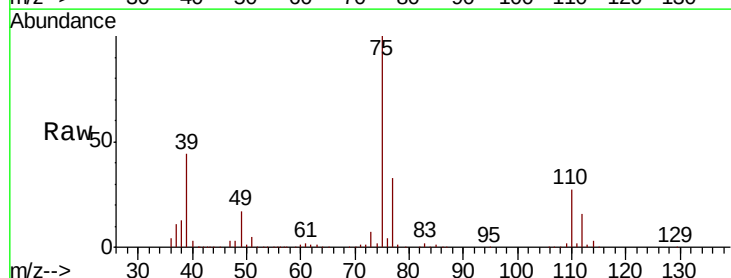
Instrument :  
 MSVOA\_X  
 ClientSampled :

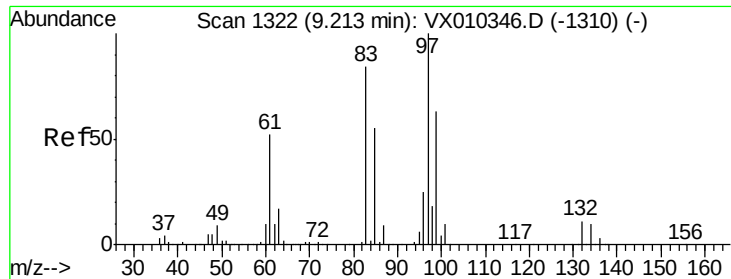
Tot Ion: 75 Resp: 174186  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 49.816 ug/l  
 RT: 8.43 min Scan# 1194  
 Delta R.T. 0.00 min  
 Lab File: VX010502.D  
 Acq: 27 Jun 2019 20:23

Tgt Ion: 75 Resp: 191319  
 Ion Ratio Lower Upper  
 75 100  
 77 33.2 25.2 37.8  
 39 43.5 34.5 51.7

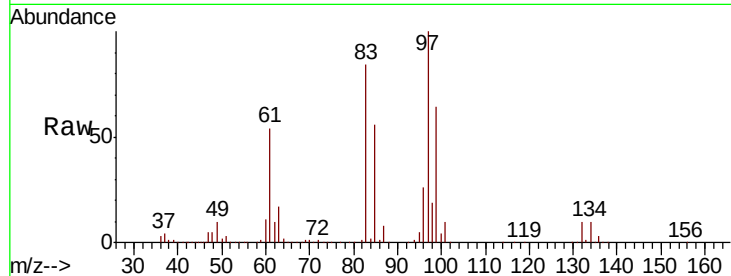




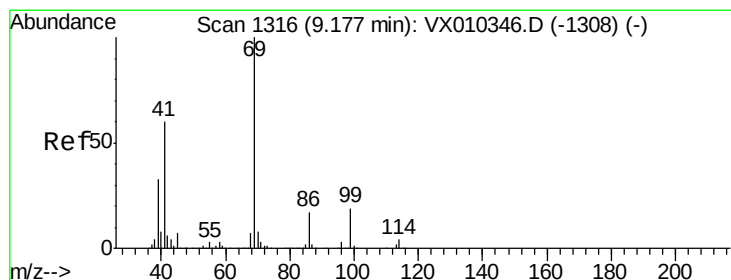
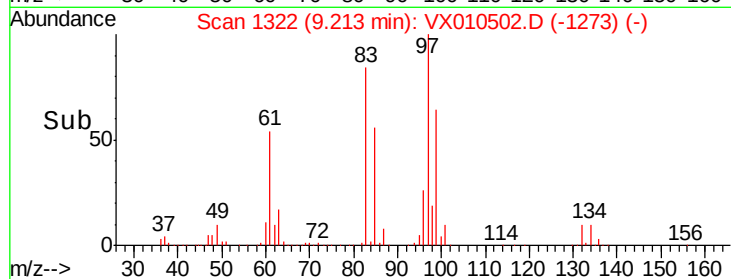
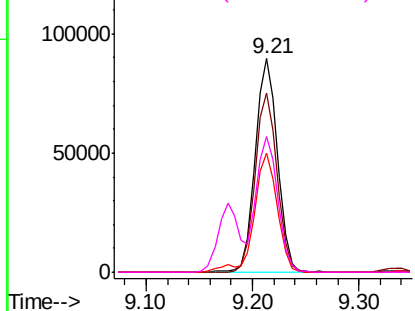
#55  
 1,1,2-Trichloroethane  
 Concen: 51.057 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. 0.00 min  
 Lab File: VX010502.D  
 Acq: 27 Jun 2019 20:23

Instrument :  
 MSVOA\_X  
 ClientSampleId :

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 97    | Resp: | 131642 |
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 84.2  | 67.4  | 101.0  |
| 85       | 55.9  | 43.8  | 65.8   |
| 99       | 63.5  | 50.3  | 75.5   |

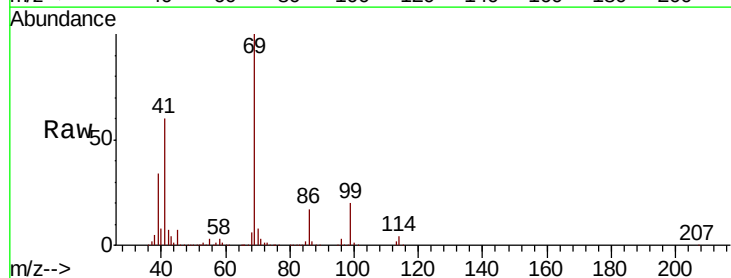


Abundance Ion 96.90 (96.60 to 97.60): VX0  
 Ion 82.90 (82.60 to 83.60): VX0  
 Ion 84.90 (84.60 to 85.60): VX0  
 Ion 98.90 (98.60 to 99.60): VX0

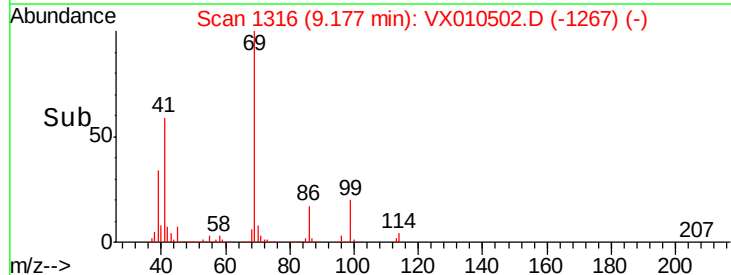
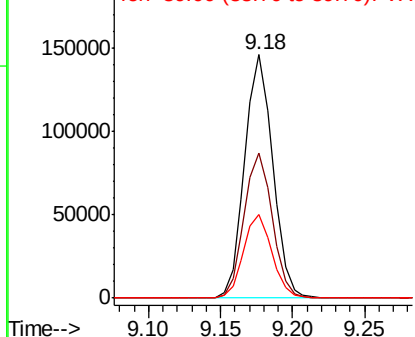


#56  
 Ethyl methacrylate  
 Concen: 50.534 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. 0.00 min  
 Lab File: VX010502.D  
 Acq: 27 Jun 2019 20:23

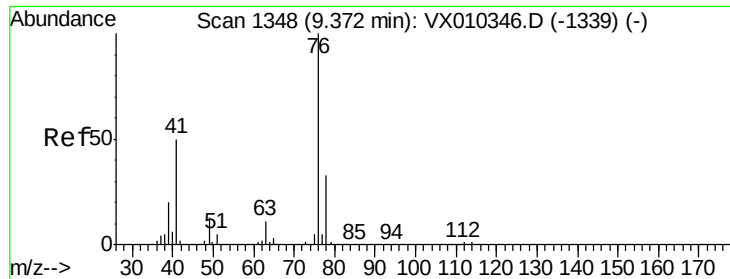
|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 69    | Resp: | 197377 |
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 60.1  | 47.1  | 70.7   |
| 39       | 34.6  | 26.6  | 40.0   |



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







#57

1,3-Dichloropropane

Concen: 51.065 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA\_X

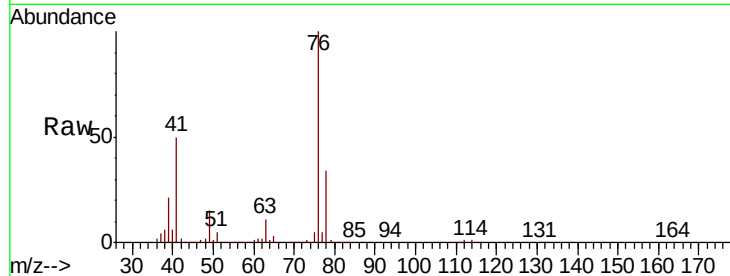
ClientSampleId :

Tot Ion: 76 Resp: 204380

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

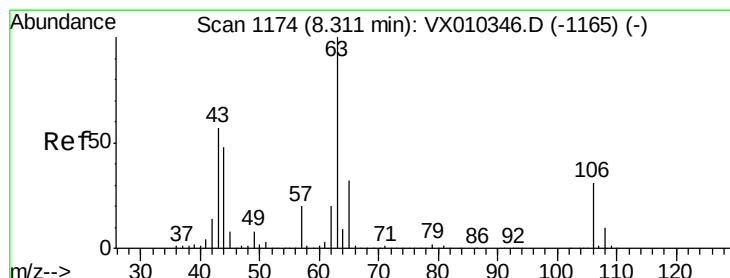
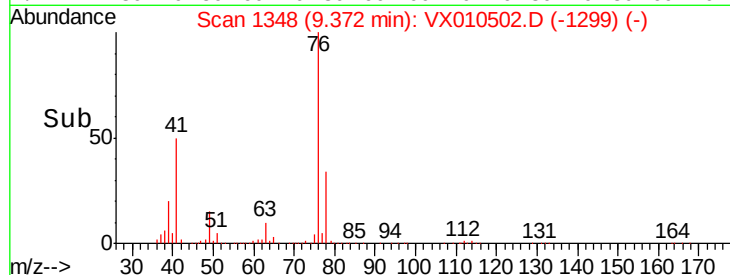
150000

100000

50000

0

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 235.655 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX010502.D

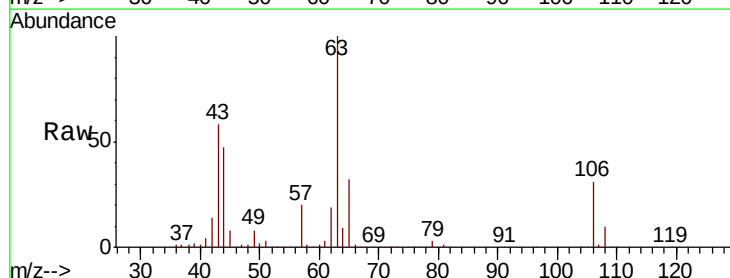
Acq: 27 Jun 2019 20:23

Tgt Ion: 63 Resp: 437138

Ion Ratio Lower Upper

63 100

106 31.2 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.31

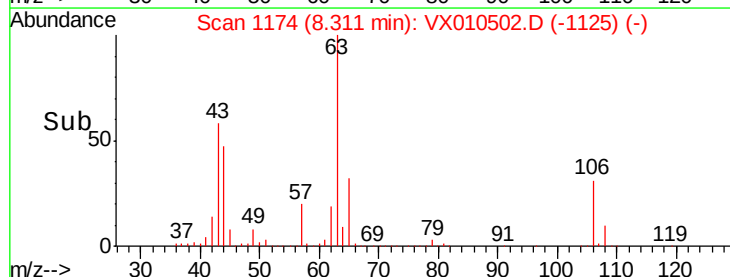
300000

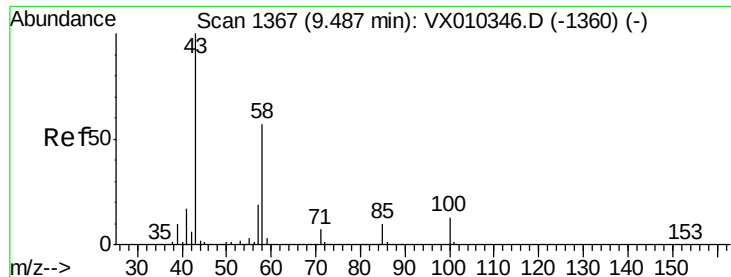
200000

100000

0

Time-->

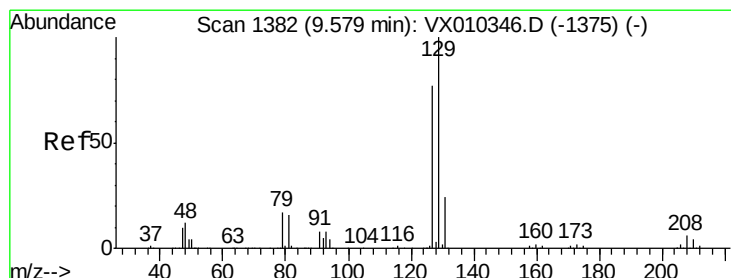
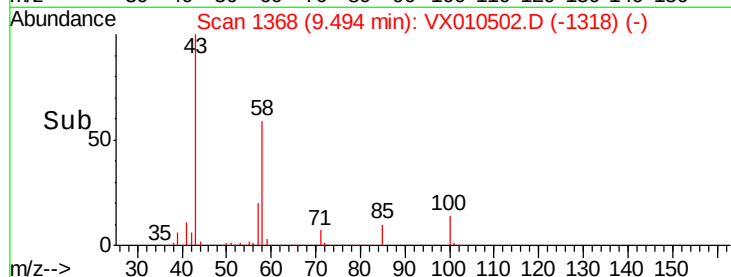
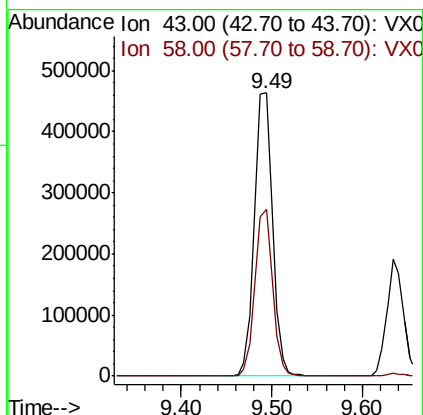
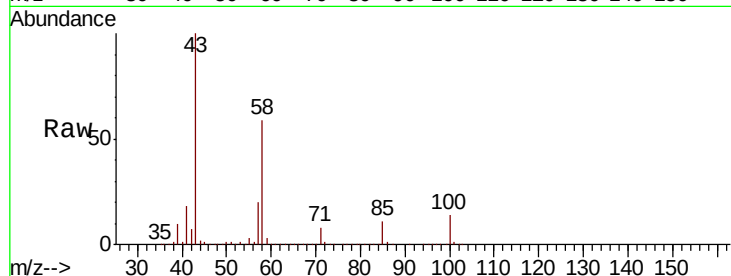




#59  
2-Hexanone  
Concen: 248.781 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. 0.01 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

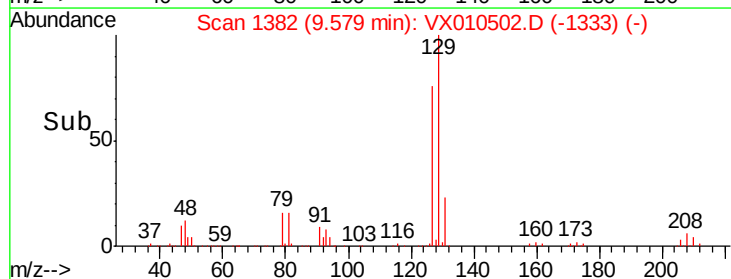
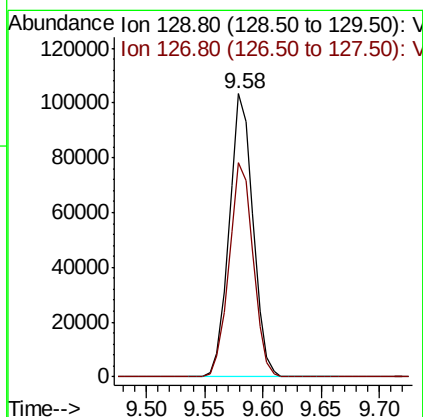
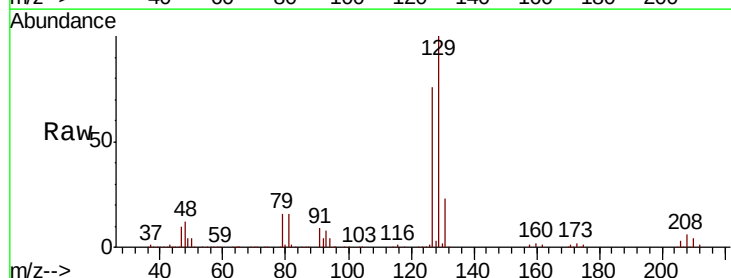
Instrument :  
MSVOA\_X  
ClientSampleId :

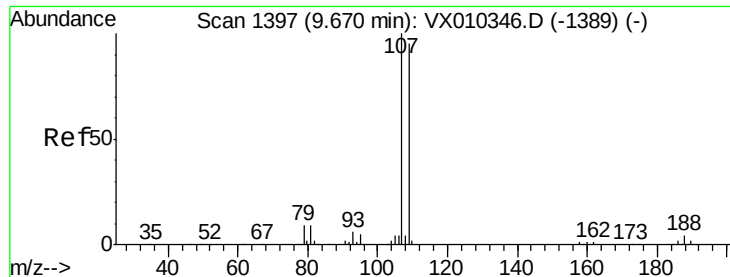
Tot Ion: 43 Resp: 649479  
Ion Ratio Lower Upper  
43 100  
58 57.6 29.0 87.1



#60  
Dibromochloromethane  
Concen: 50.890 ug/l  
RT: 9.58 min Scan# 1382  
Delta R.T. 0.00 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

Tgt Ion: 129 Resp: 146914  
Ion Ratio Lower Upper  
129 100  
127 76.5 38.4 115.1

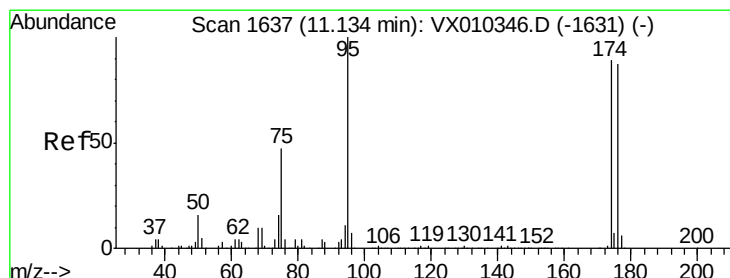
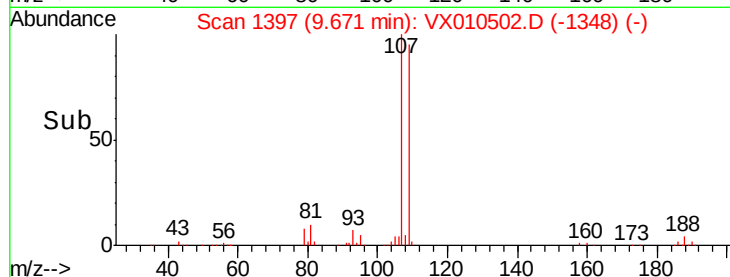
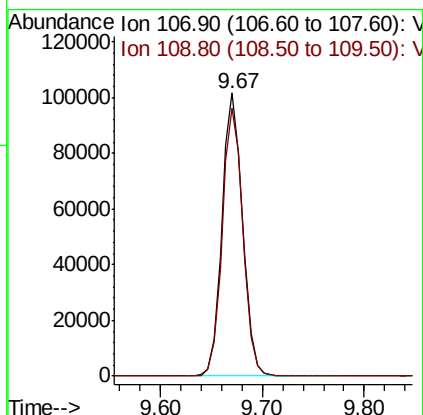
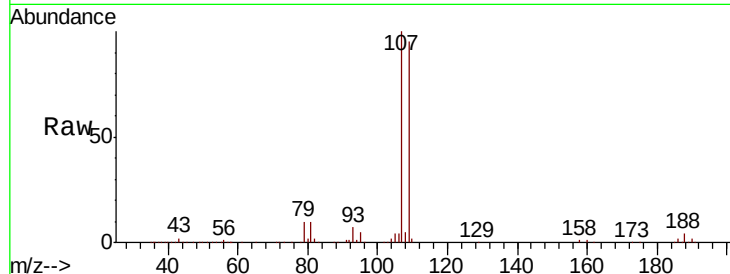




#61  
 1,2-Dibromoethane  
 Concen: 51.032 ug/l  
 RT: 9.67 min Scan# 1397  
 Delta R.T. 0.00 min  
 Lab File: VX010502.D  
 Acq: 27 Jun 2019 20:23

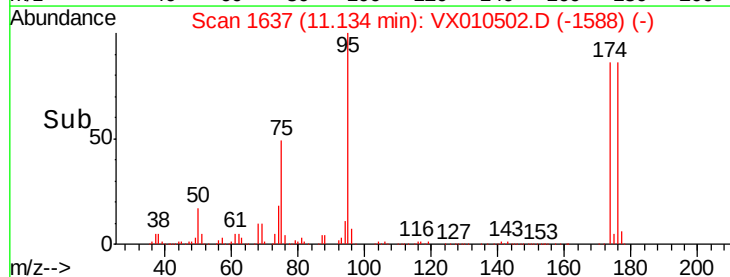
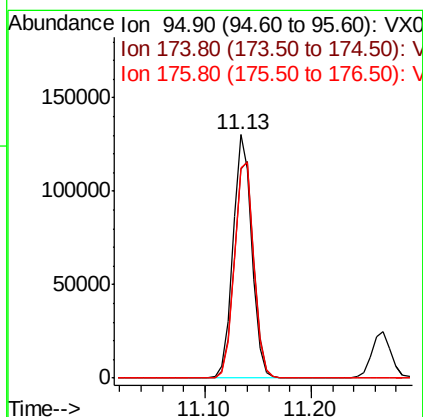
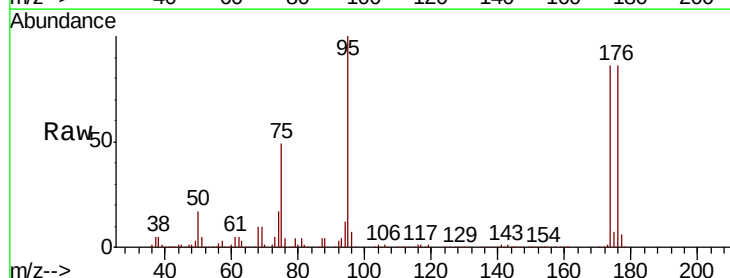
Instrument :  
 MSVOA\_X  
 ClientSampled :

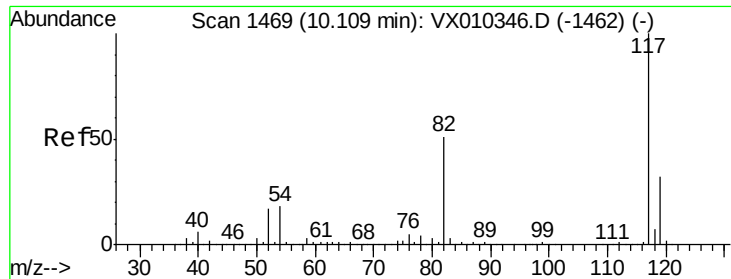
Tot Ion: 107 Resp: 142022  
 Ion Ratio Lower Upper  
 107 100  
 109 94.8 75.8 113.6



#62  
 4-Bromofluorobenzene  
 Concen: 49.668 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. 0.00 min  
 Lab File: VX010502.D  
 Acq: 27 Jun 2019 20:23

Tgt Ion: 95 Resp: 160949  
 Ion Ratio Lower Upper  
 95 100  
 174 93.0 0.0 187.6  
 176 91.6 0.0 184.0

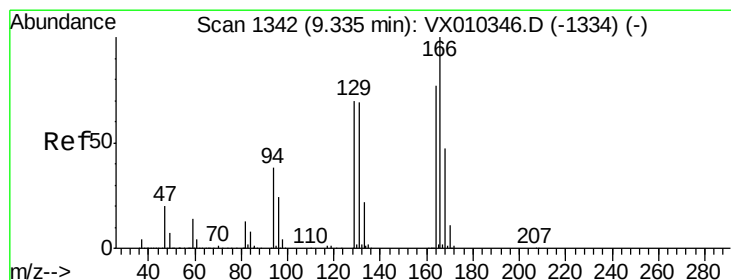
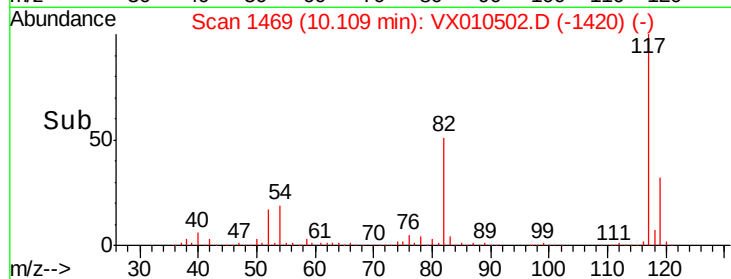
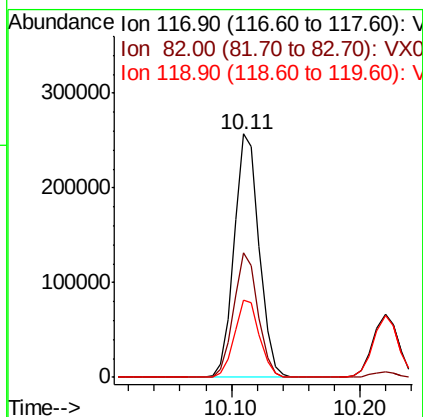
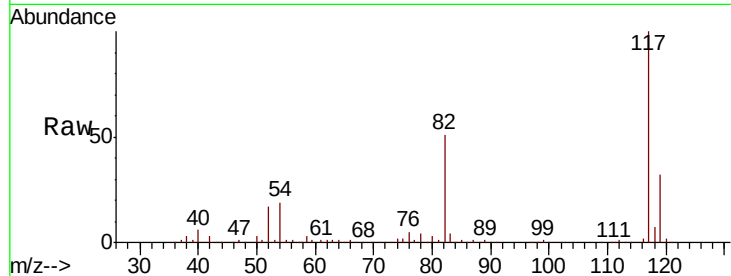




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.11 min Scan# 1469  
Delta R.T. 0.00 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

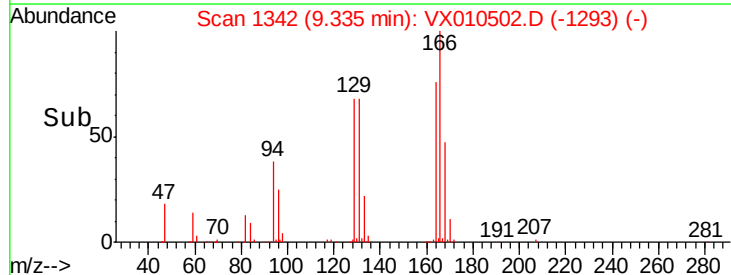
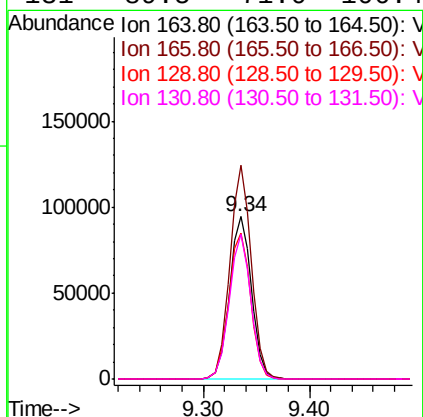
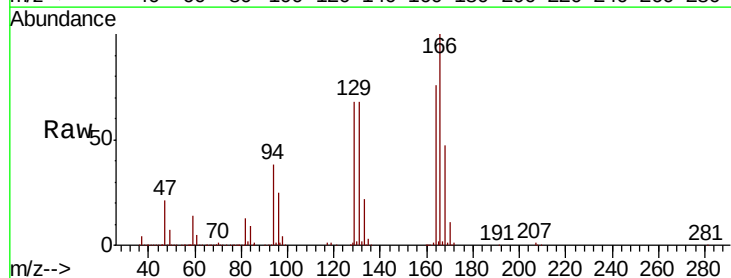
Instrument :  
MSVOA\_X  
ClientSampleId :

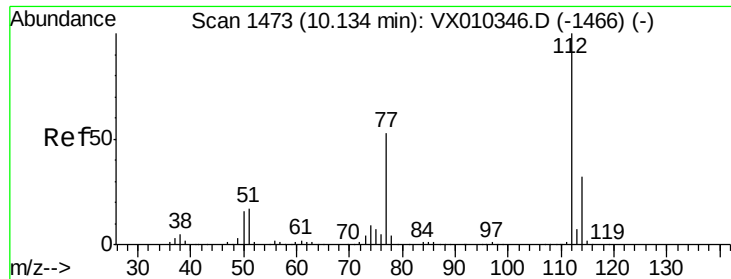
Tot Ion:117 Resp: 347726  
Ion Ratio Lower Upper  
117 100  
82 51.0 41.2 61.8  
119 31.9 25.5 38.3



#64  
Tetrachloroethene  
Concen: 48.520 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

Tgt Ion:164 Resp: 136463  
Ion Ratio Lower Upper  
164 100  
166 131.6 103.6 155.4  
129 90.1 73.0 109.4  
131 89.5 71.0 106.4

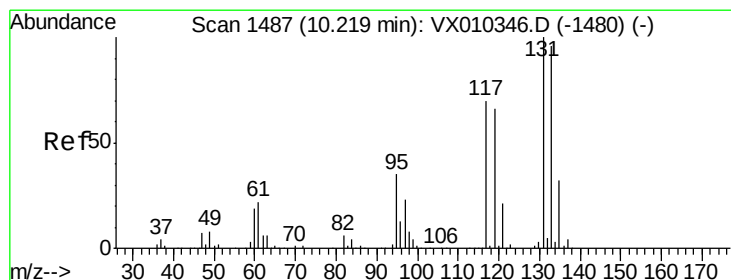
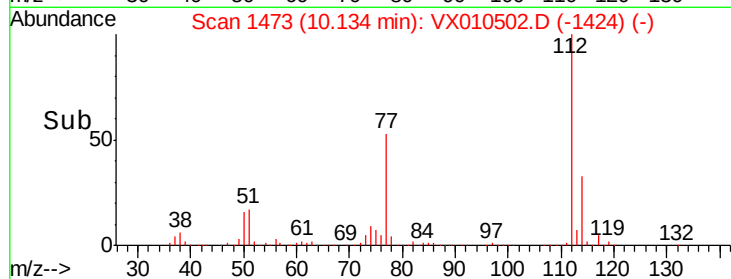
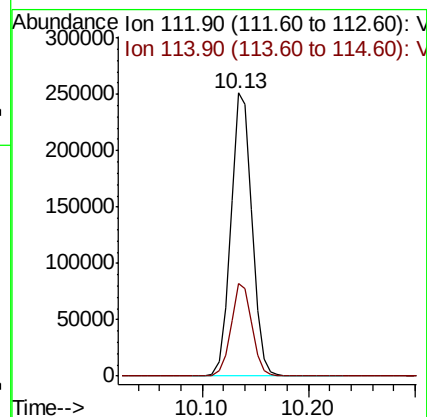
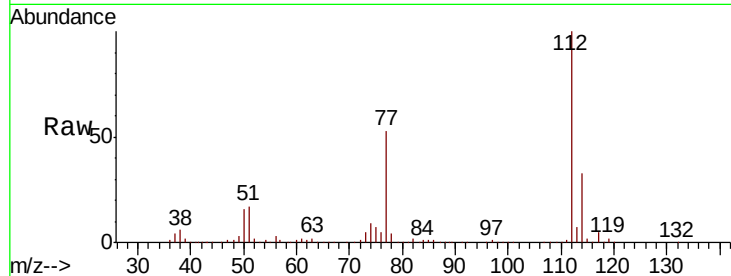




#65  
Chlorobenzene  
Concen: 49.423 ug/l  
RT: 10.13 min Scan# 1473  
Delta R.T. 0.00 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

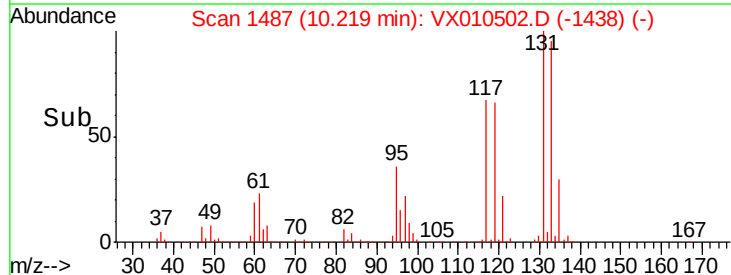
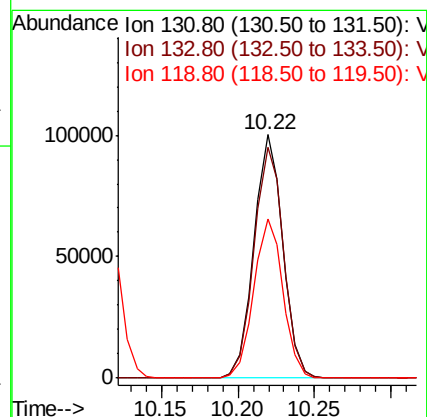
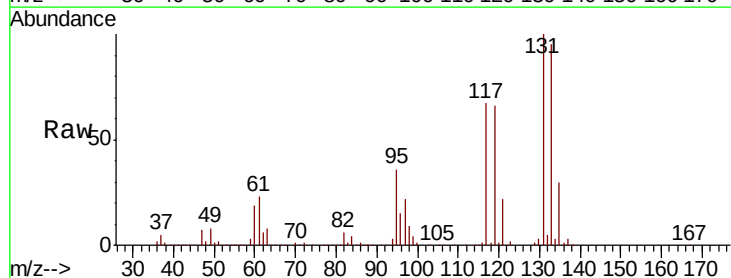
Instrument :  
MSVOA\_X  
ClientSampled :

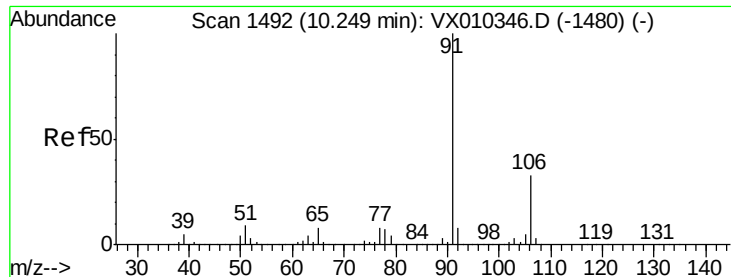
Tot Ion:112 Resp: 348903  
Ion Ratio Lower Upper  
112 100  
114 32.6 25.4 38.2



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.157 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. 0.00 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

Tgt Ion:131 Resp: 131548  
Ion Ratio Lower Upper  
131 100  
133 96.8 47.7 143.1  
119 66.4 32.6 97.7

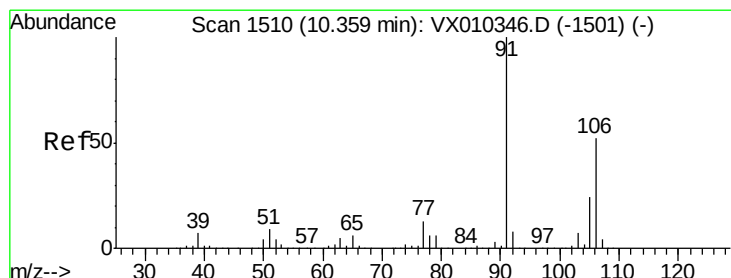
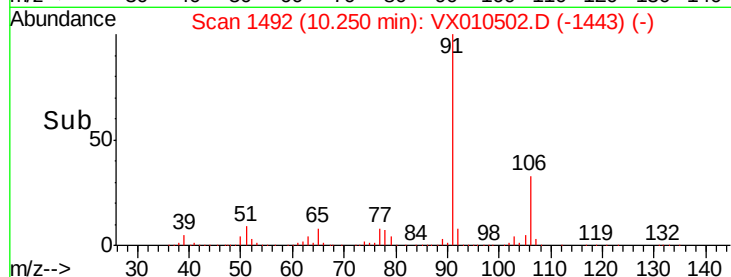
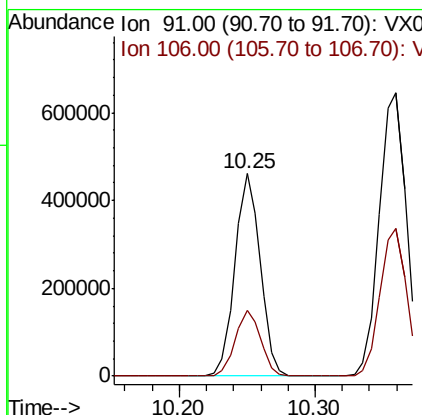
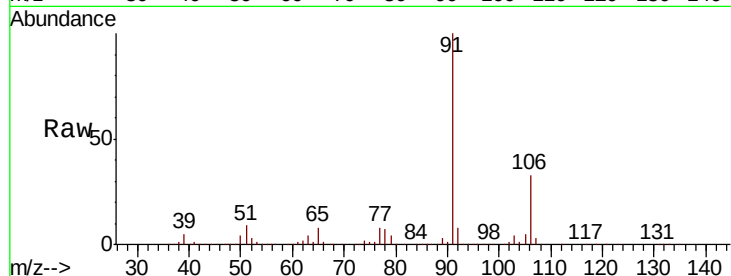




#67  
Ethyl Benzene  
Concen: 50.033 ug/l  
RT: 10.25 min Scan# 1492  
Delta R.T. 0.00 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

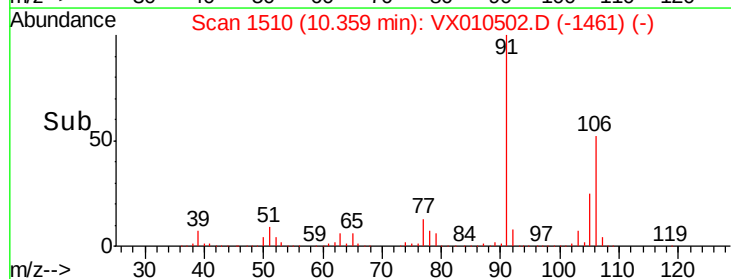
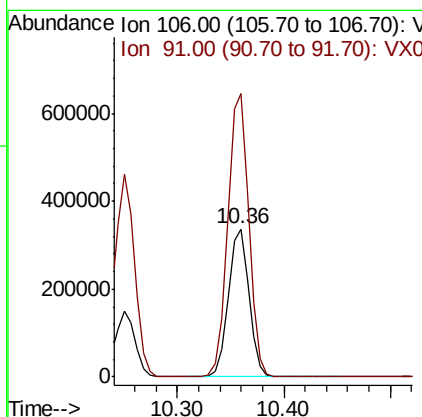
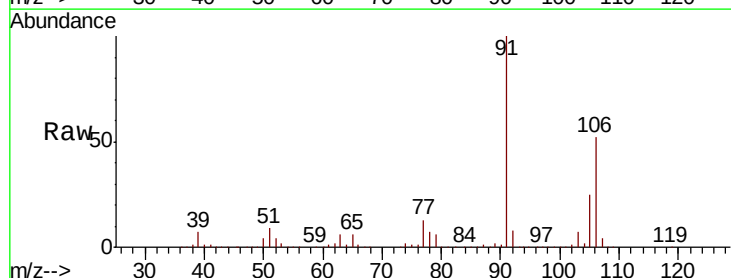
Instrument :  
MSVOA\_X  
ClientSampleId :

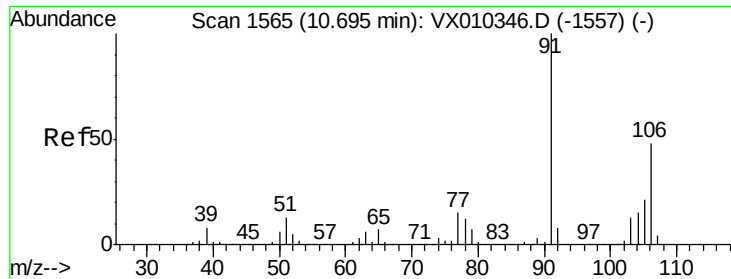
Tot Ion: 91 Resp: 596298  
Ion Ratio Lower Upper  
91 100  
106 32.8 26.2 39.2



#68  
m/p-Xylenes  
Concen: 99.326 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. 0.00 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

Tgt Ion: 106 Resp: 458678  
Ion Ratio Lower Upper  
106 100  
91 194.8 155.3 232.9

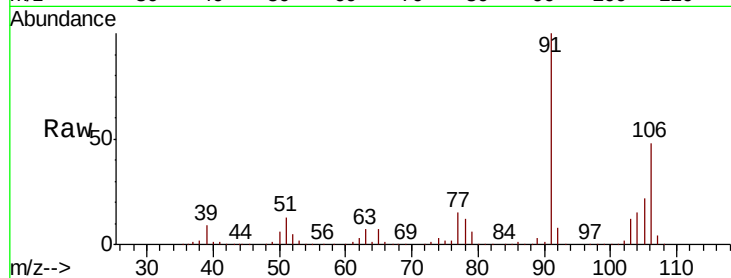




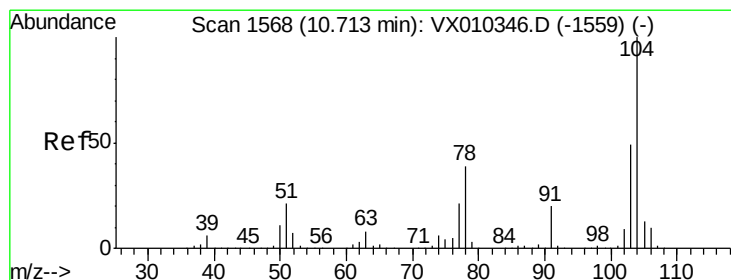
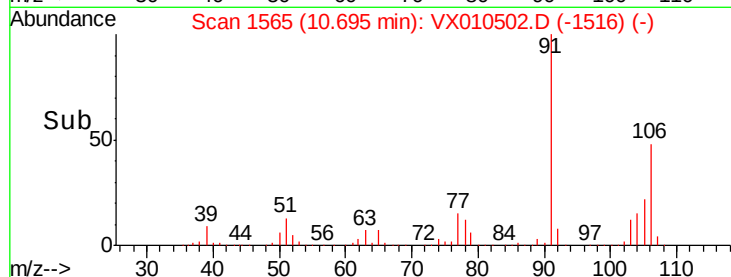
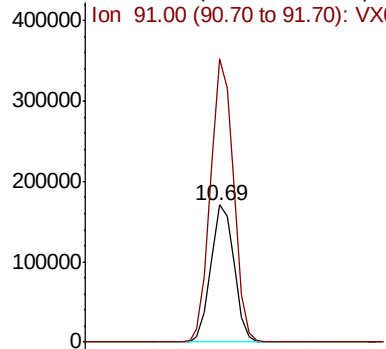
#69  
o-Xylene  
Concen: 49.248 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. 0.00 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion:106 Resp: 223652  
Ion Ratio Lower Upper  
106 100  
91 204.3 102.7 308.1

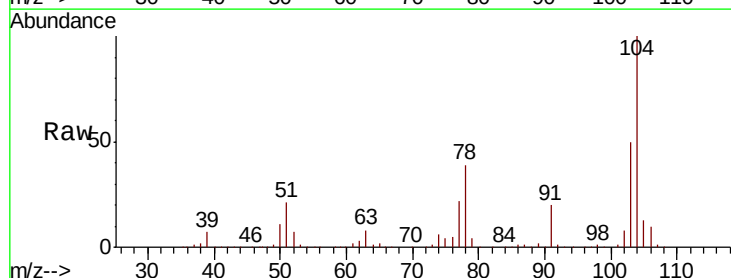


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

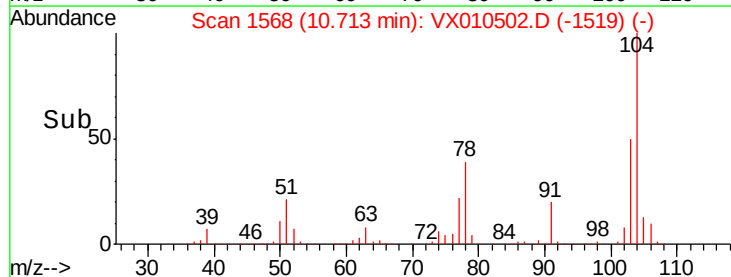
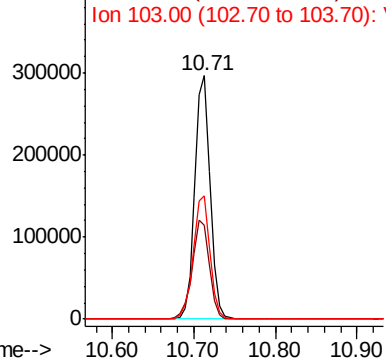


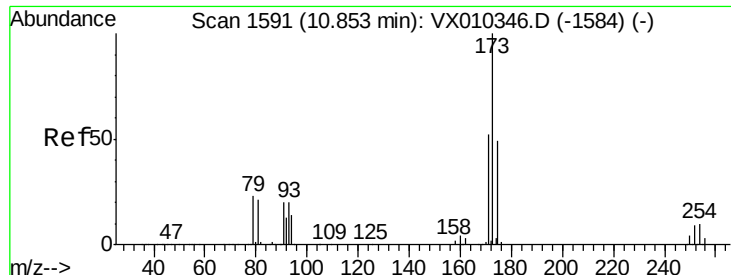
#70  
Styrene  
Concen: 50.714 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

Tgt Ion:104 Resp: 386238  
Ion Ratio Lower Upper  
104 100  
78 45.9 36.2 54.2  
103 55.2 44.2 66.4



Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VX0  
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 50.181 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA\_X

ClientSampled :

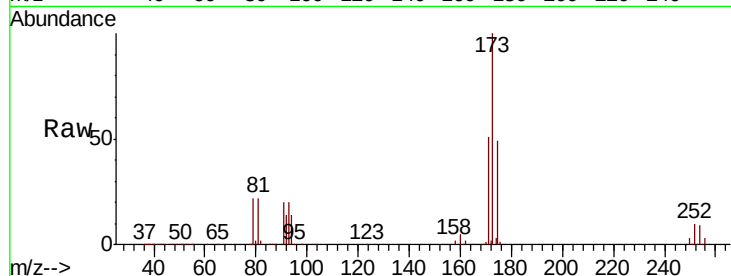
Tot Ion:173 Resp: 112213

Ion Ratio Lower Upper

173 100

175 49.4 24.1 72.3

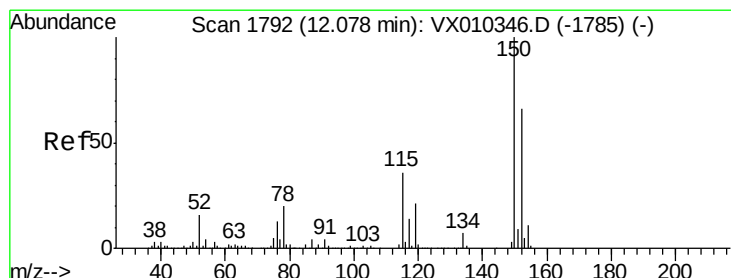
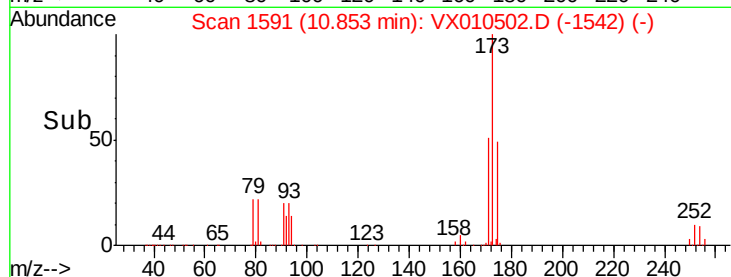
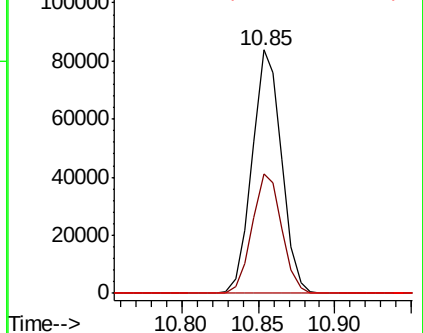
254 0.2 0.2 0.2



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: VX010502.D

Acq: 27 Jun 2019 20:23

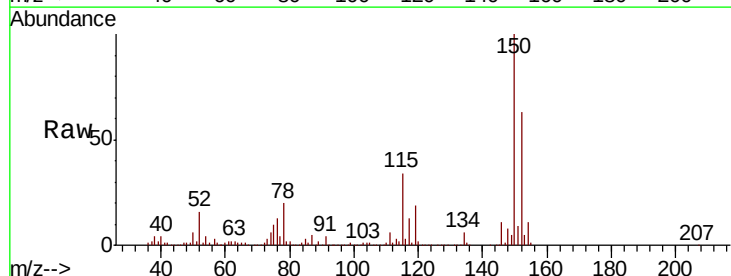
Tgt Ion:152 Resp: 178222

Ion Ratio Lower Upper

152 100

115 76.6 38.6 115.7

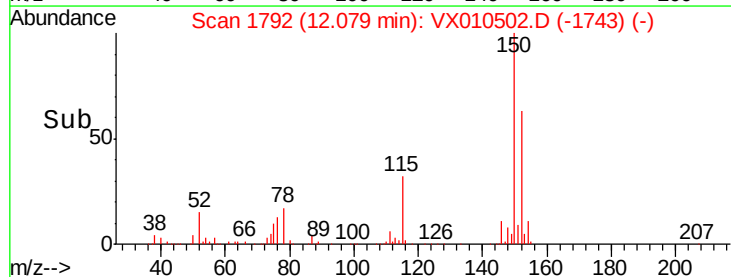
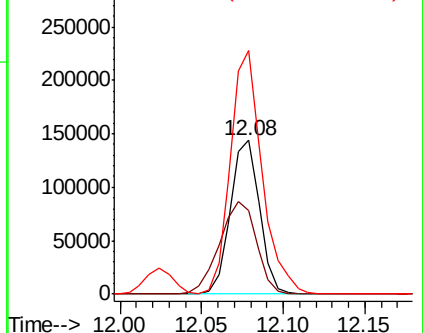
150 171.7 0.0 347.4



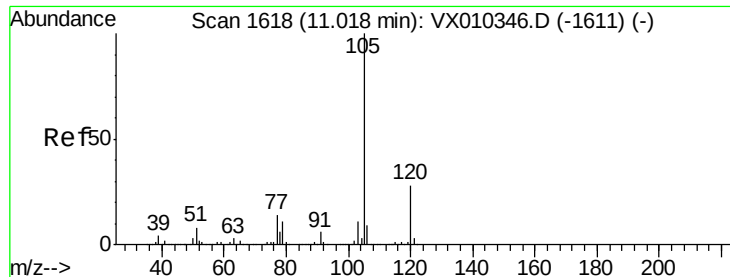
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V







#73

Isopropylbenzene

Concen: 49.535 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA\_X

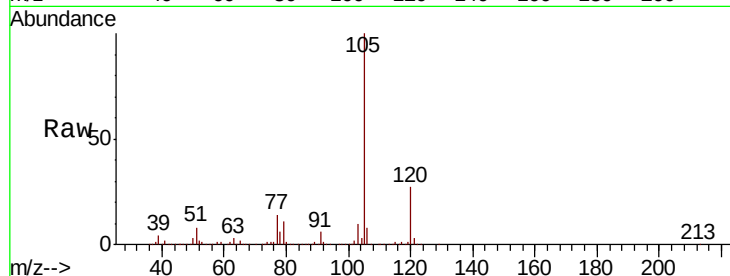
ClientSampleId :

Tot Ion:105 Resp: 598439

Ion Ratio Lower Upper

105 100

120 27.7 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

500000

400000

300000

200000

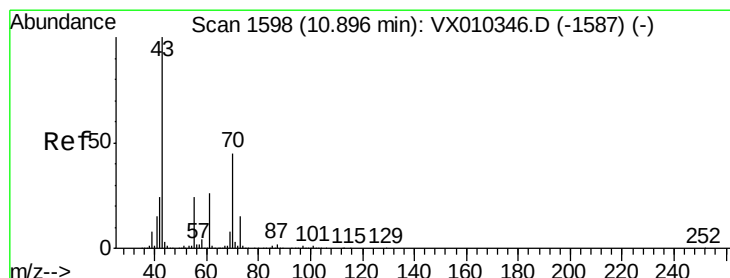
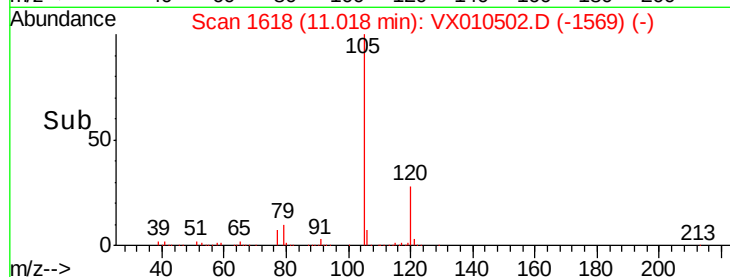
100000

0

11.02

11.10

Time-->



#74

N-ethyl acetate

Concen: 51.287 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Tgt Ion: 43 Resp: 234164

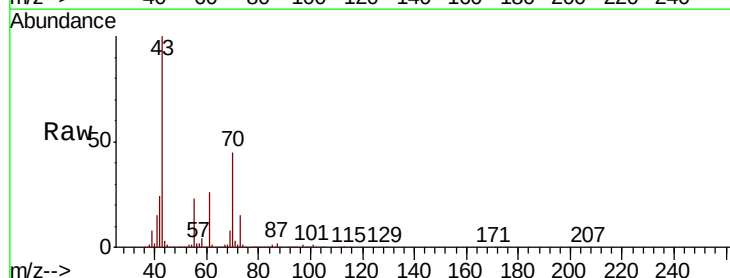
Ion Ratio Lower Upper

43 100

70 44.7 36.6 54.8

55 23.8 18.7 28.1

61 25.4 20.6 31.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

300000

250000

200000

150000

100000

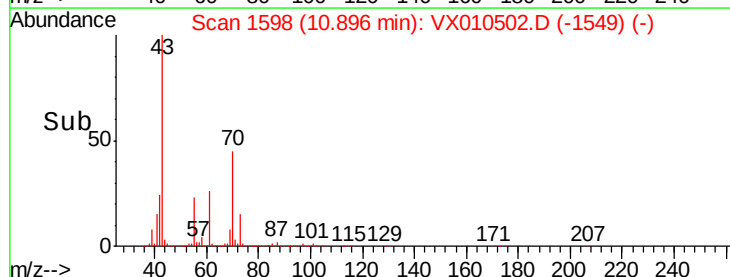
50000

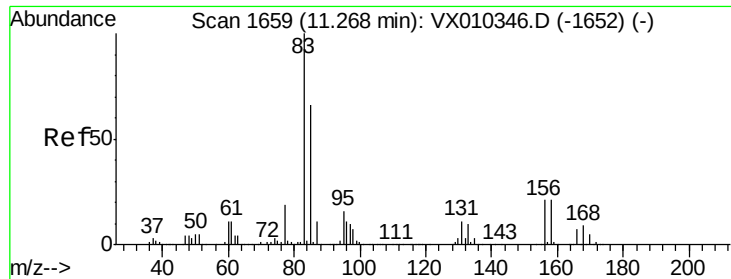
0

10.90

10.95

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 49.871 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA\_X

ClientSampleId :

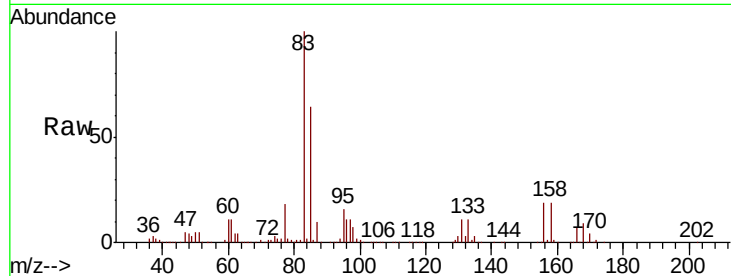
Tot Ion: 83 Resp: 199535

Ion Ratio Lower Upper

83 100

131 11.2 5.5 16.4

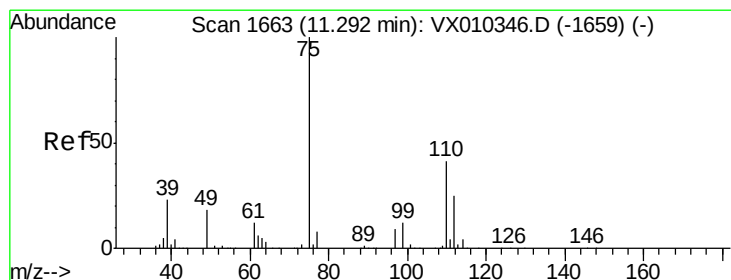
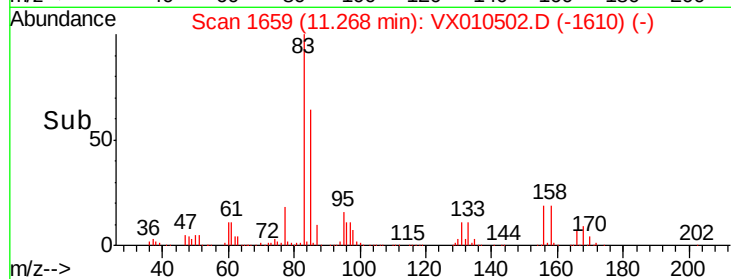
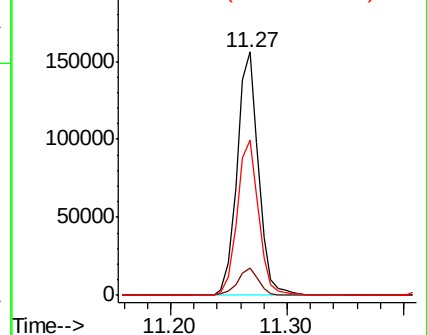
85 64.1 32.3 96.8



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: 67.749 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010502.D

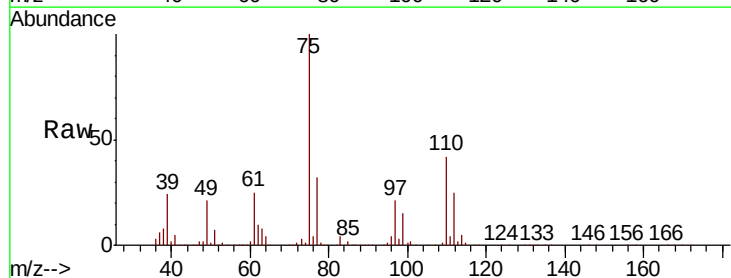
Acq: 27 Jun 2019 20:23

Tgt Ion: 75 Resp: 220026

Ion Ratio Lower Upper

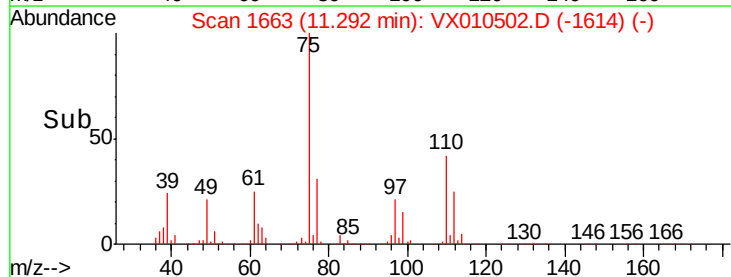
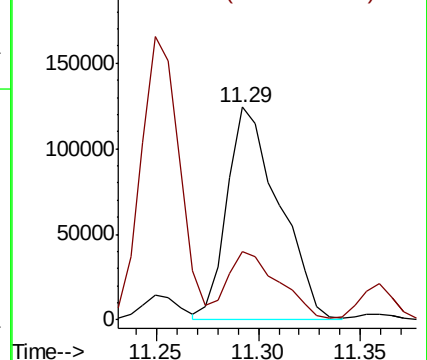
75 100

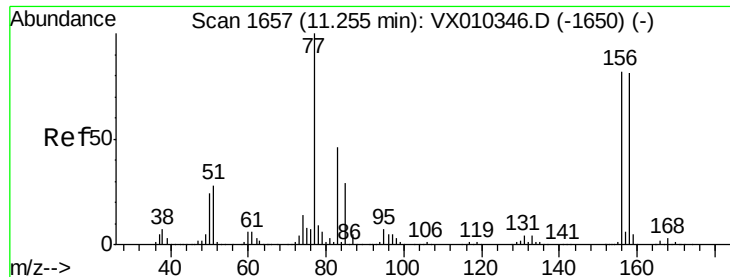
77 32.1 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.675 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA\_X

ClientSampleId :

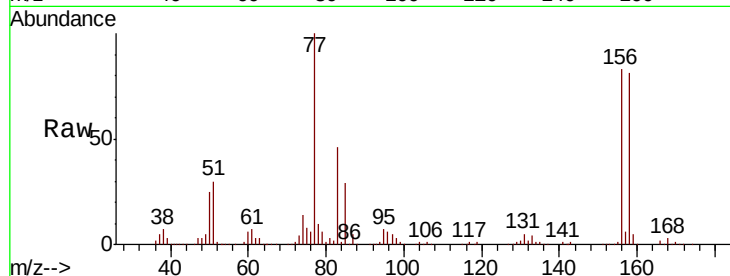
Tot Ion:156 Resp: 164203

Ion Ratio Lower Upper

156 100

77 131.3 66.3 198.7

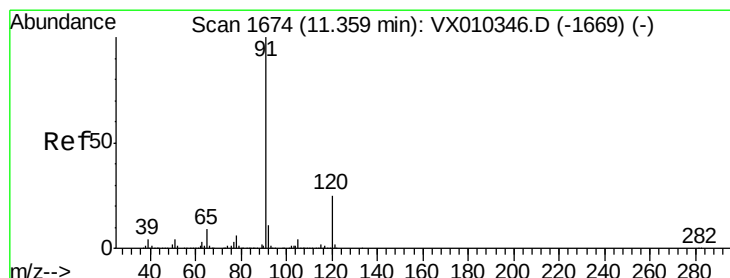
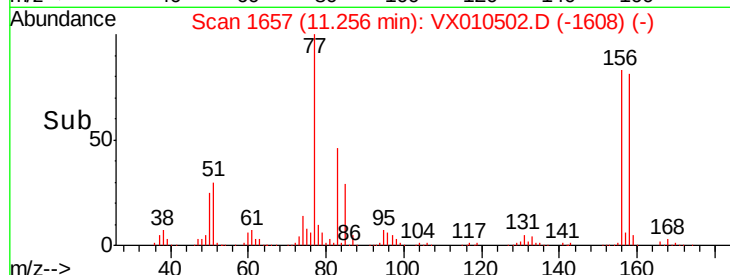
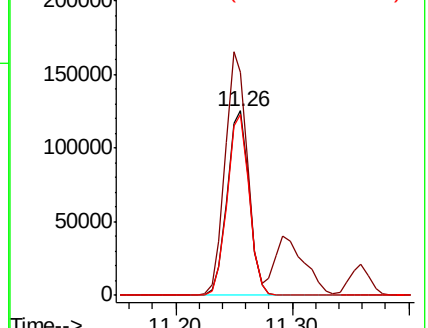
158 97.8 48.9 146.7



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: 49.342 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010502.D

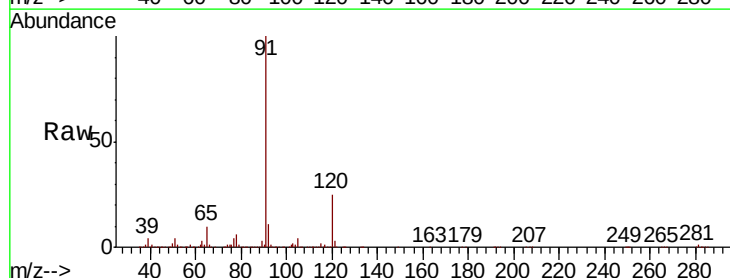
Acq: 27 Jun 2019 20:23

Tgt Ion: 91 Resp: 655149

Ion Ratio Lower Upper

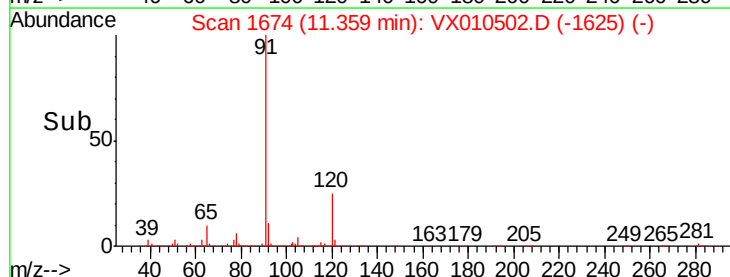
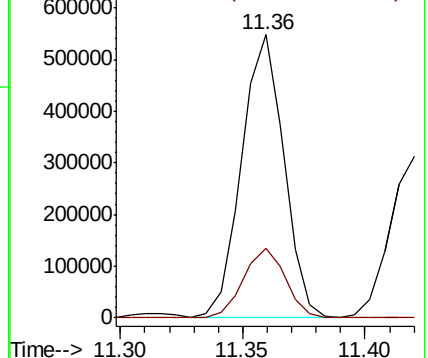
91 100

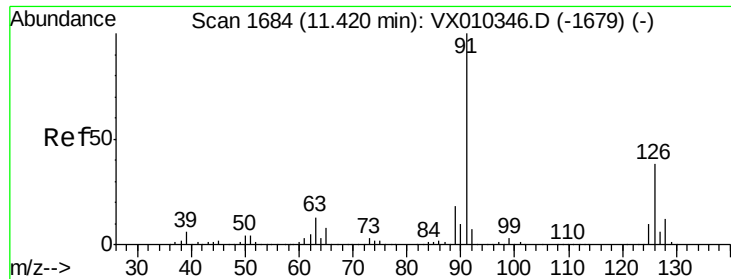
120 24.7 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.920 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA\_X

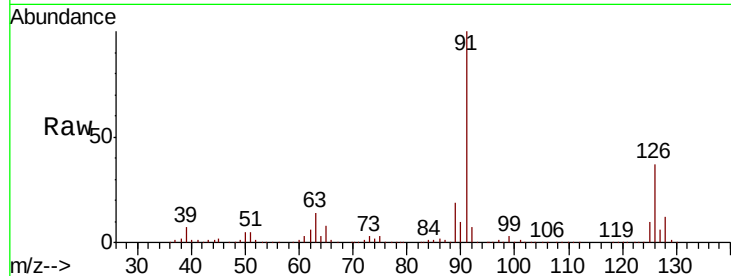
ClientSampleId :

Tot Ion: 91 Resp: 386793

Ion Ratio Lower Upper

91 100

126 37.5 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX010346.D (-1679) (-)

600000

500000

400000

300000

200000

100000

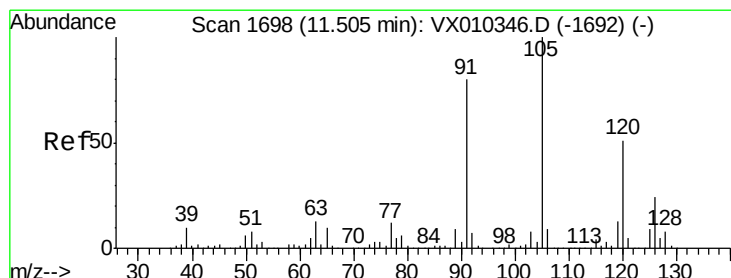
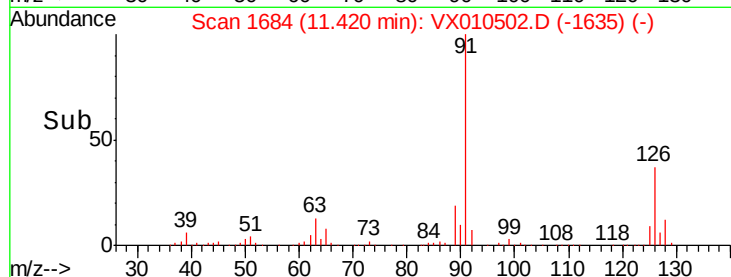
0

11.40

11.42

11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 49.377 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010502.D

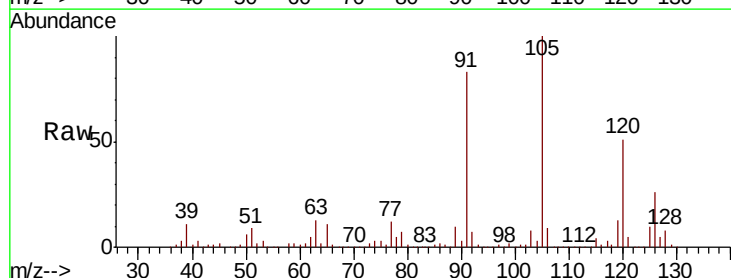
Acq: 27 Jun 2019 20:23

Tgt Ion: 105 Resp: 491777

Ion Ratio Lower Upper

105 100

120 50.6 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX010346.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX010346.D (-1692) (-)

400000

300000

200000

100000

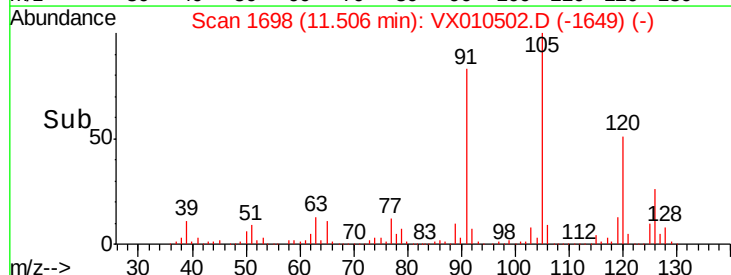
0

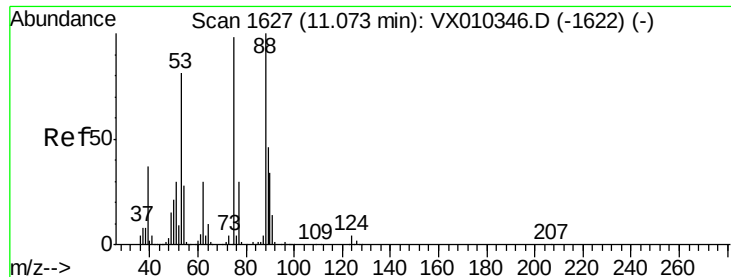
11.50

11.51

11.60

Time-->

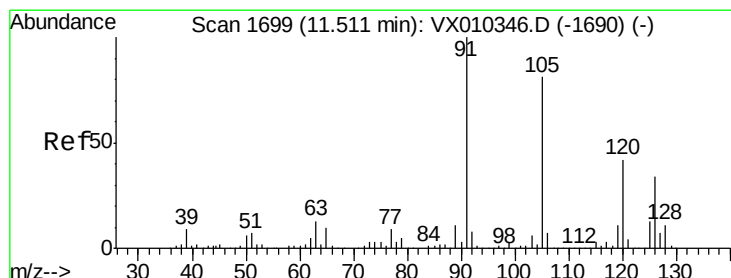
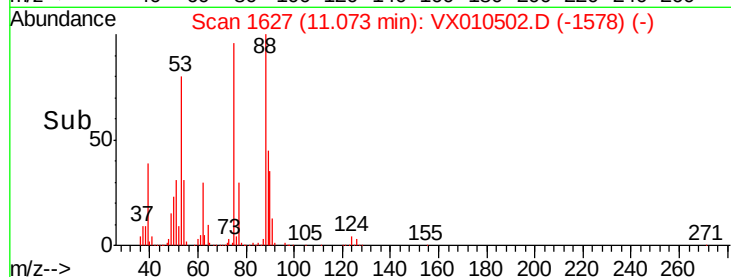
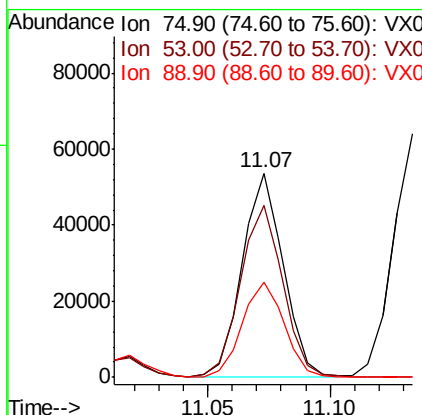
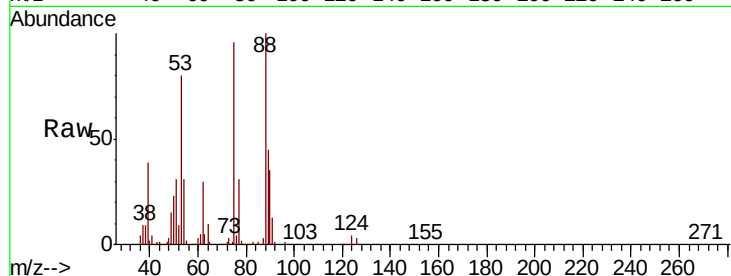




#81  
trans-1,4-Dichloro-2-butene  
Concen: 44.838 ug/l  
RT: 11.07 min Scan# 1627  
Delta R.T. 0.00 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

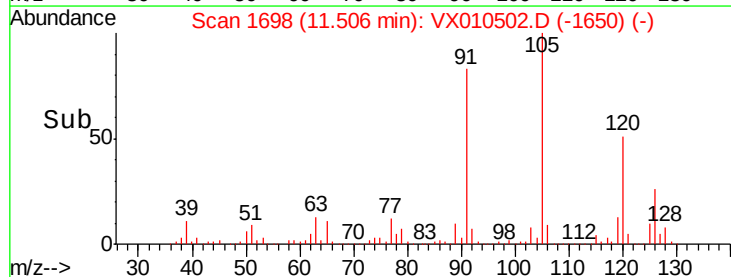
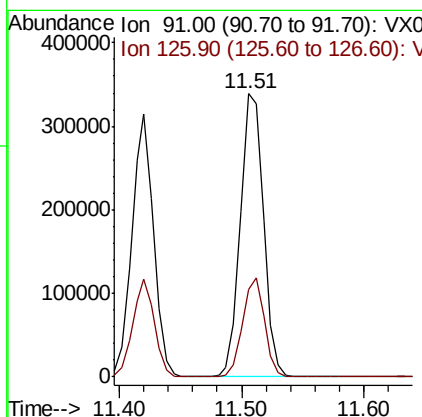
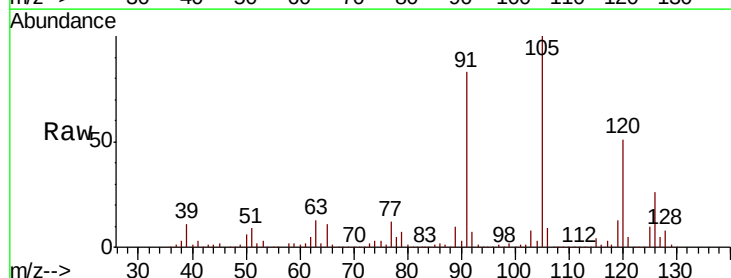
Instrument :  
MSVOA\_X  
ClientSampleId :

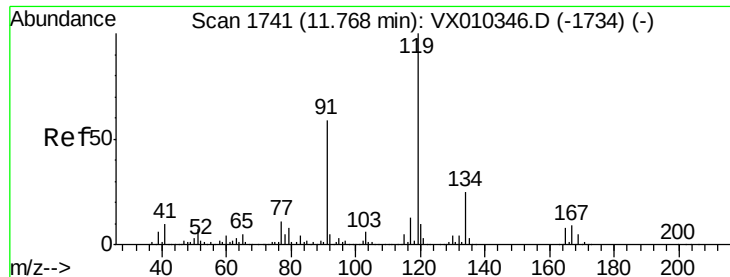
Tot Ion: 75 Resp: 62420  
Ion Ratio Lower Upper  
75 100  
53 86.8 66.1 99.1  
89 47.9 37.8 56.6



#82  
4-Chlorotoluene  
Concen: 49.148 ug/l  
RT: 11.51 min Scan# 1698  
Delta R.T. -0.01 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

Tgt Ion: 91 Resp: 442178  
Ion Ratio Lower Upper  
91 100  
126 33.3 16.2 48.6

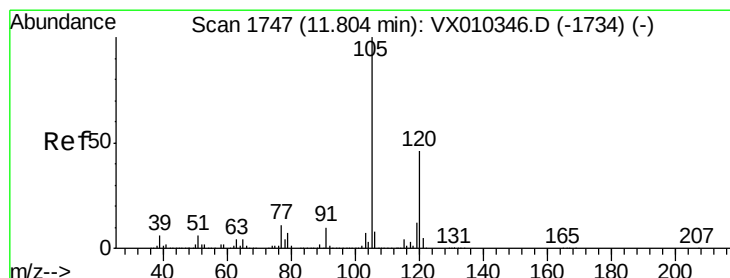
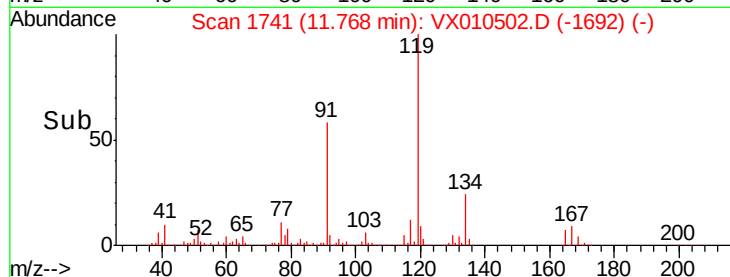
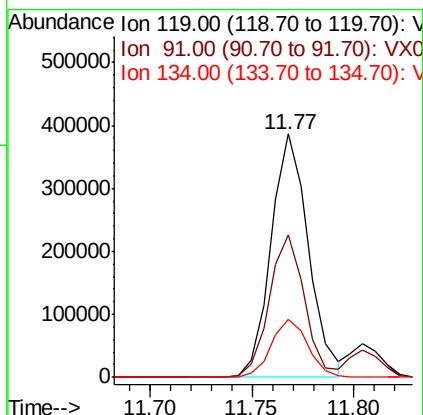
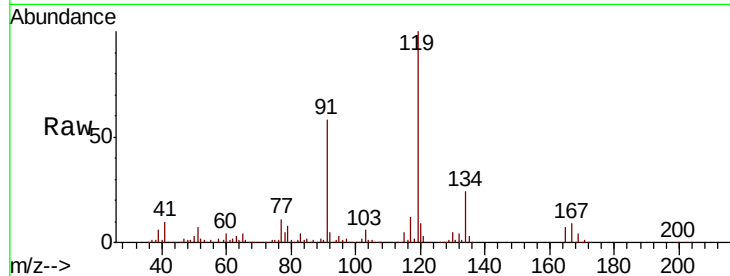




#83  
 tert-Butylbenzene  
 Concen: 49.471 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. 0.00 min  
 Lab File: VX010502.D  
 Acq: 27 Jun 2019 20:23

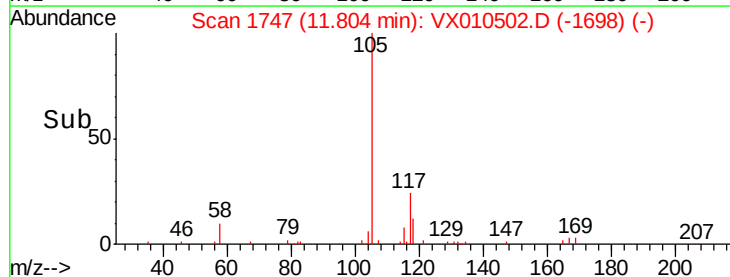
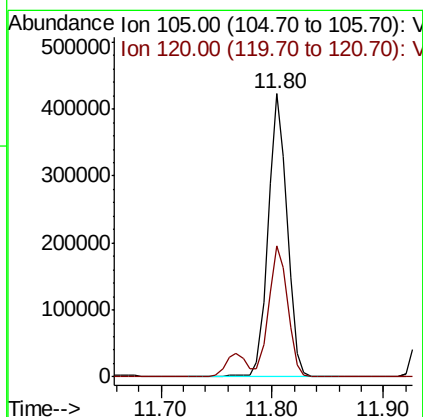
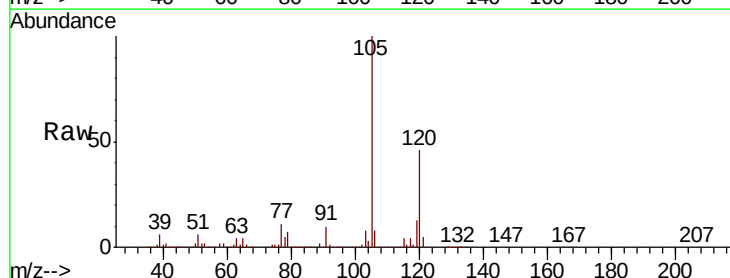
Instrument :  
 MSVOA\_X  
 ClientSampled :

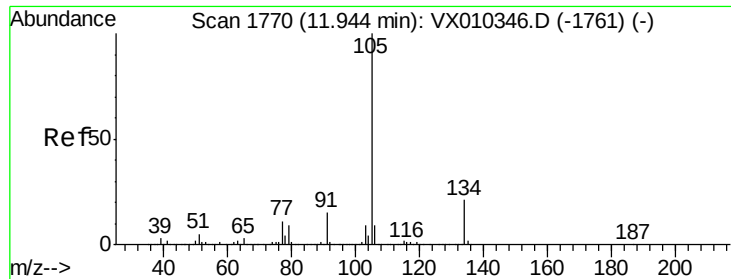
Tot Ion:119 Resp: 494524  
 Ion Ratio Lower Upper  
 119 100  
 91 55.5 27.6 82.7  
 134 23.5 11.8 35.4



#84  
 1,2,4-Trimethylbenzene  
 Concen: 50.375 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. 0.00 min  
 Lab File: VX010502.D  
 Acq: 27 Jun 2019 20:23

Tgt Ion:105 Resp: 504060  
 Ion Ratio Lower Upper  
 105 100  
 120 46.7 23.1 69.2





#85

sec-Butylbenzene

Concen: 49.947 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

Instrument :

MSVOA\_X

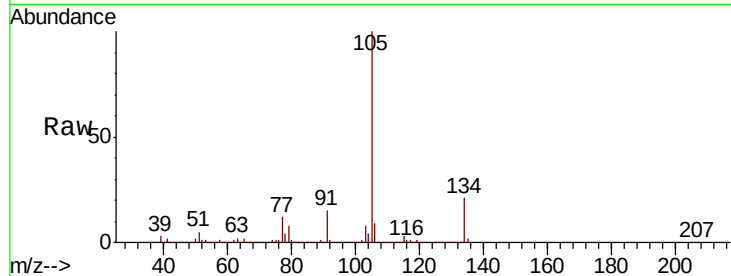
ClientSampled :

Tot Ion:105 Resp: 586231

Ion Ratio Lower Upper

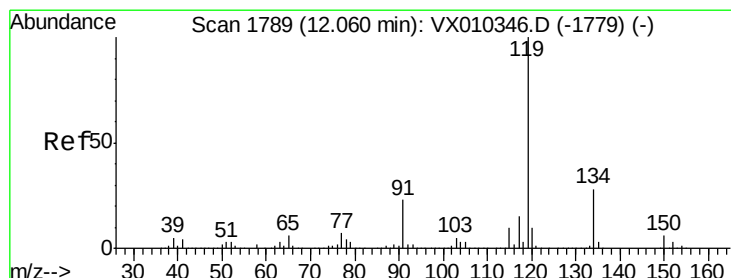
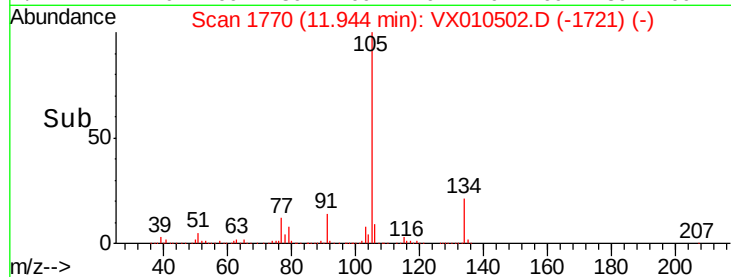
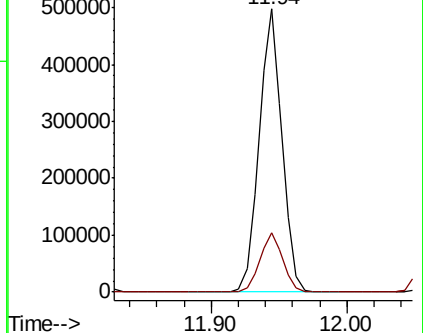
105 100

134 21.0 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.530 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010502.D

Acq: 27 Jun 2019 20:23

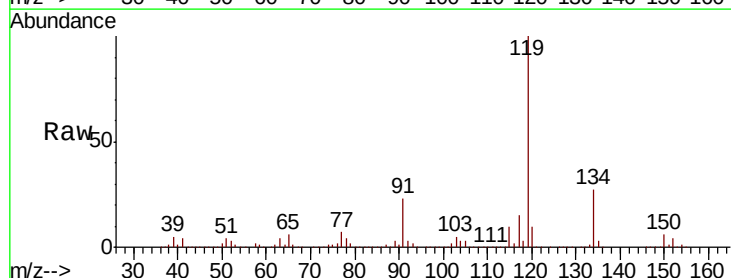
Tgt Ion:119 Resp: 537709

Ion Ratio Lower Upper

119 100

134 27.4 13.7 41.1

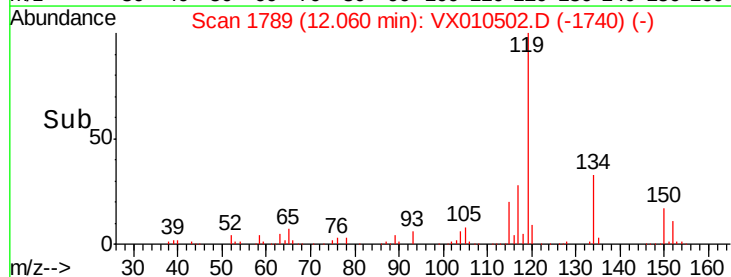
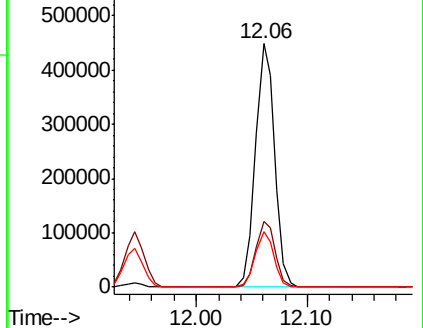
91 22.4 11.3 33.8

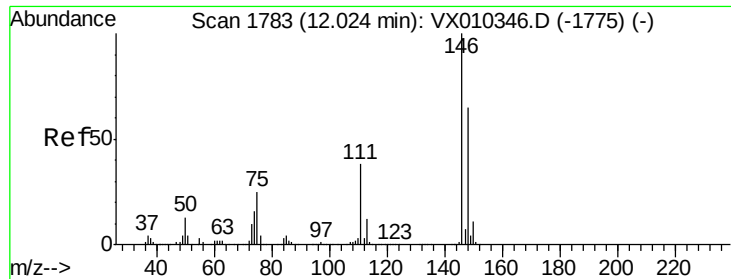


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

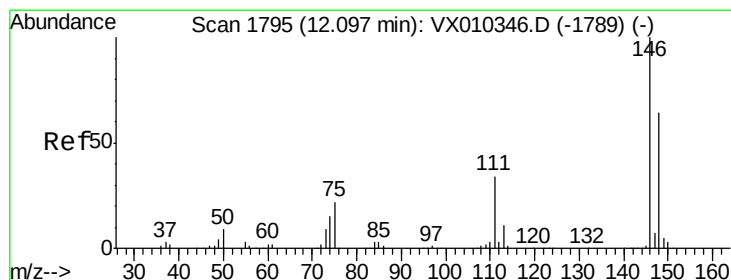
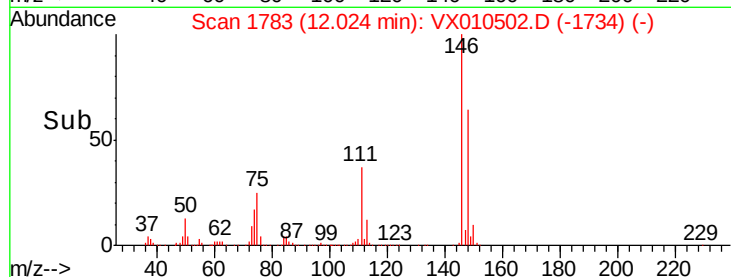
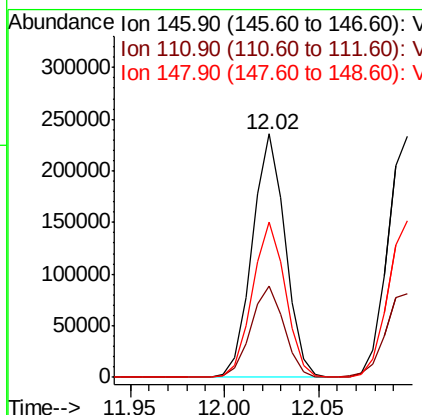
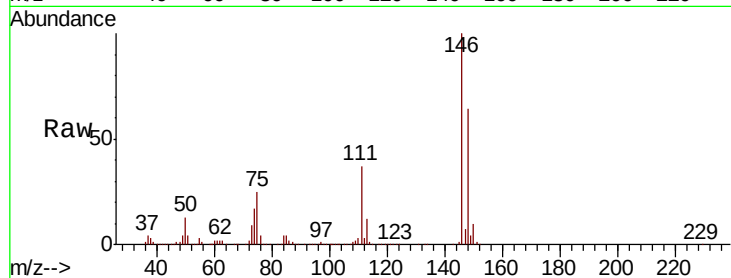




#87  
 1,3-Dichlorobenzene  
 Concen: 48.534 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. 0.00 min  
 Lab File: VX010502.D  
 Acq: 27 Jun 2019 20:23

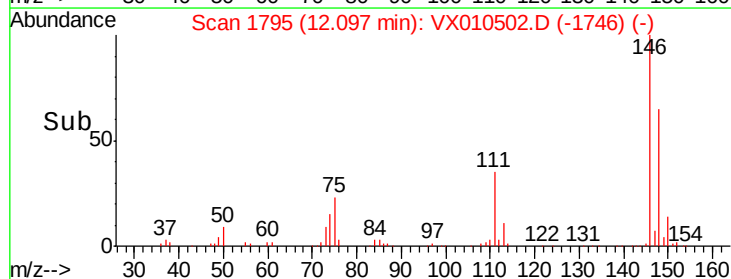
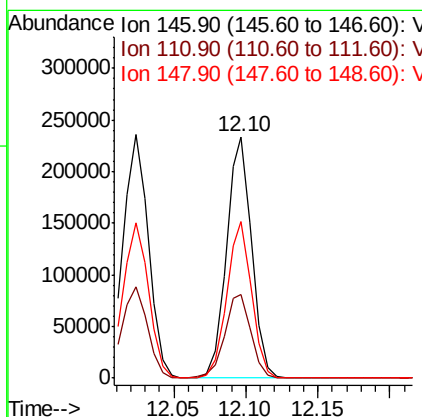
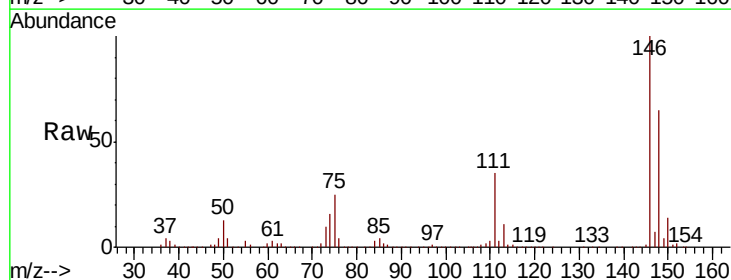
Instrument :  
 MSVOA\_X  
 ClientSampleId :

Tot Ion:146 Resp: 285793  
 Ion Ratio Lower Upper  
 146 100  
 111 37.9 19.1 57.1  
 148 63.8 32.5 97.4

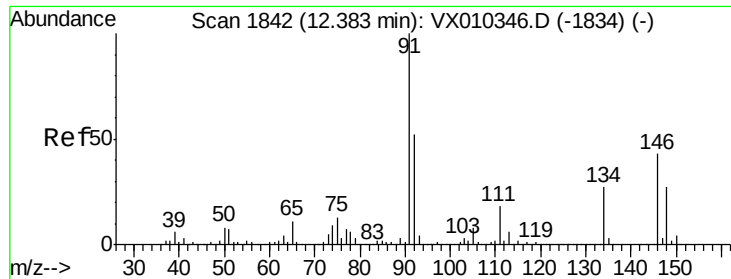


#88  
 1,4-Dichlorobenzene  
 Concen: 47.703 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX010502.D  
 Acq: 27 Jun 2019 20:23

Tgt Ion:146 Resp: 285969  
 Ion Ratio Lower Upper  
 146 100  
 111 36.3 18.1 54.3  
 148 64.0 32.1 96.3



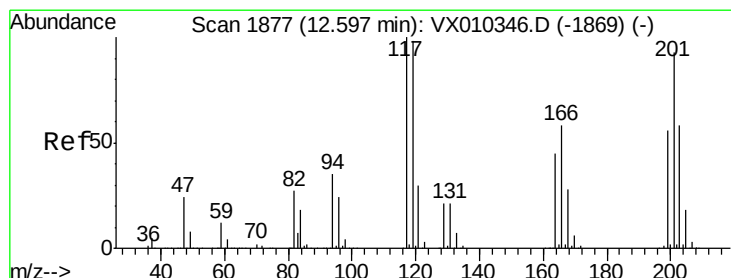
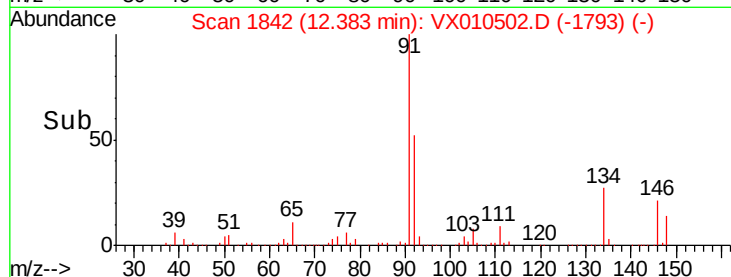
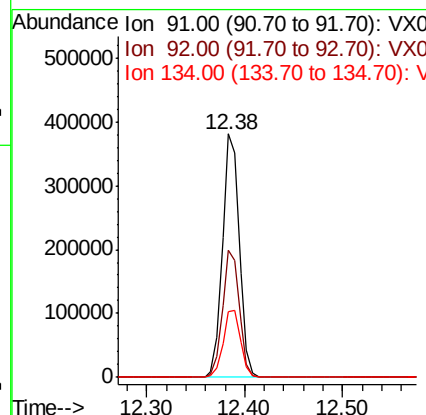
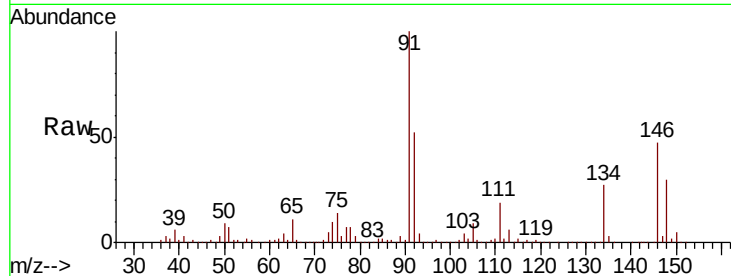




#89  
n-Butylbenzene  
Concen: 49.178 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. 0.00 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

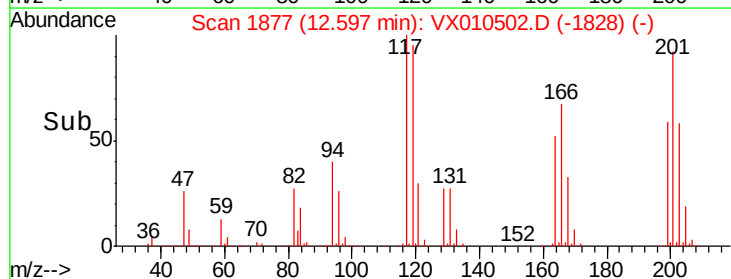
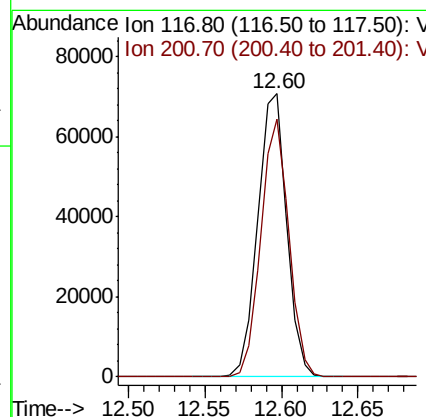
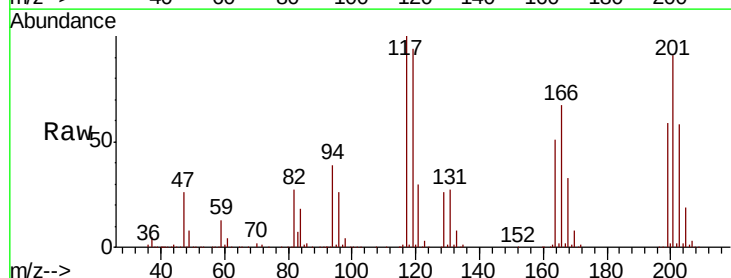
Instrument :  
MSVOA\_X  
ClientSampled :

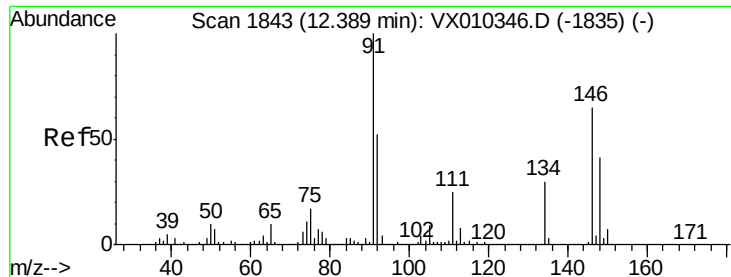
Tot Ion: 91 Resp: 453674  
Ion Ratio Lower Upper  
91 100  
92 52.2 26.2 78.5  
134 28.3 14.1 42.4



#90  
Hexachloroethane  
Concen: 49.635 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. 0.00 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

Tgt Ion: 117 Resp: 93174  
Ion Ratio Lower Upper  
117 100  
201 88.1 44.0 131.8

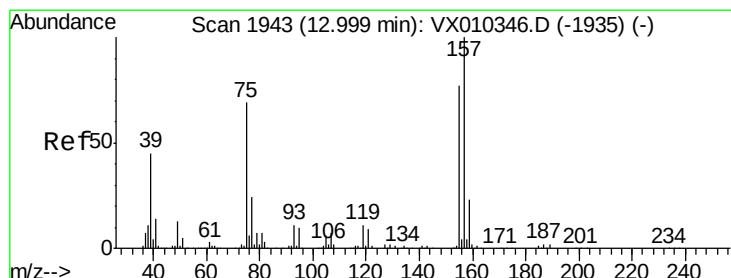
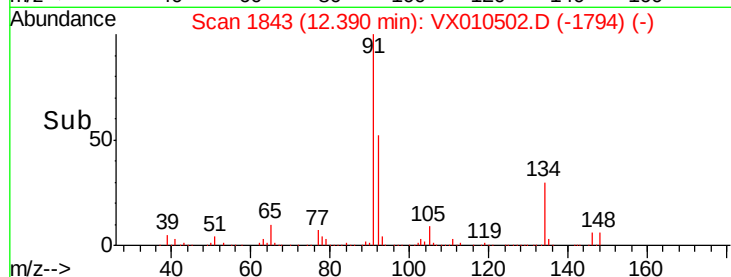
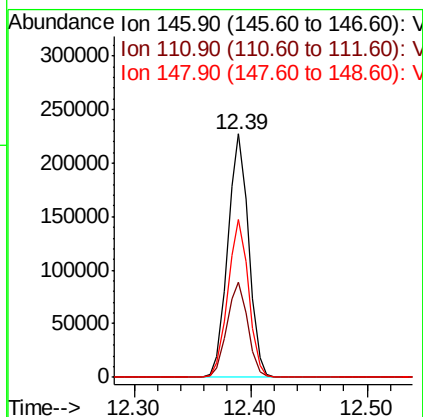
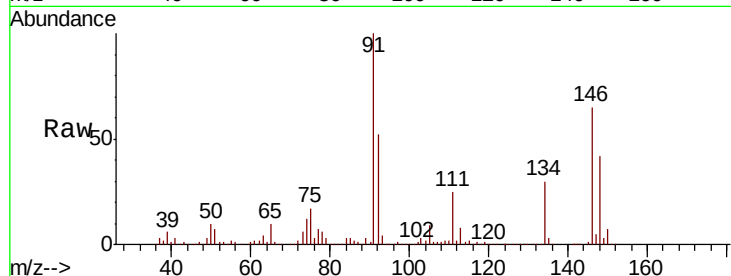




#91  
 1,2-Dichlorobenzene  
 Concen: 48.203 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. 0.00 min  
 Lab File: VX010502.D  
 Acq: 27 Jun 2019 20:23

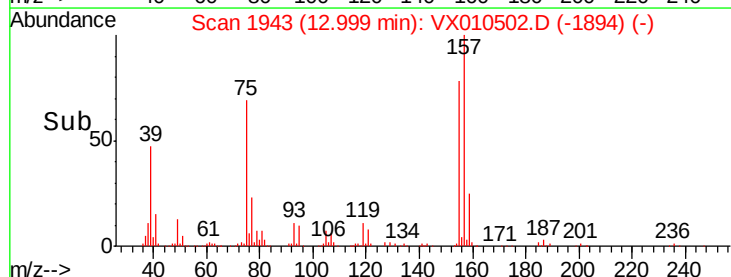
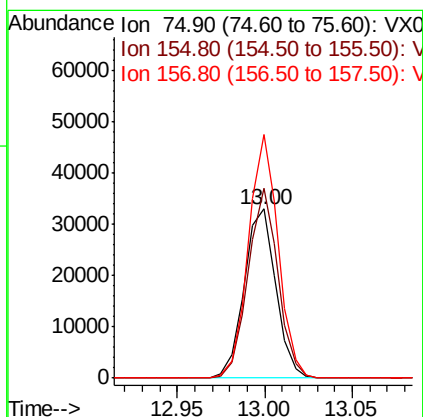
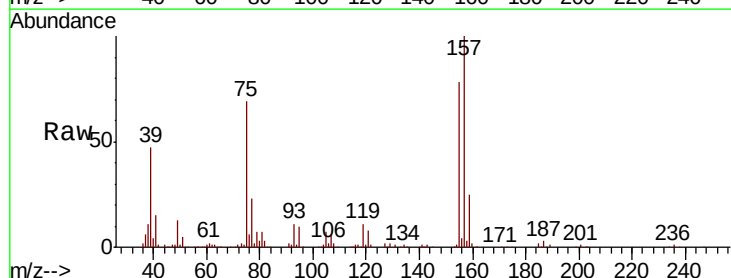
Instrument :  
 MSVOA\_X  
 ClientSampleId :

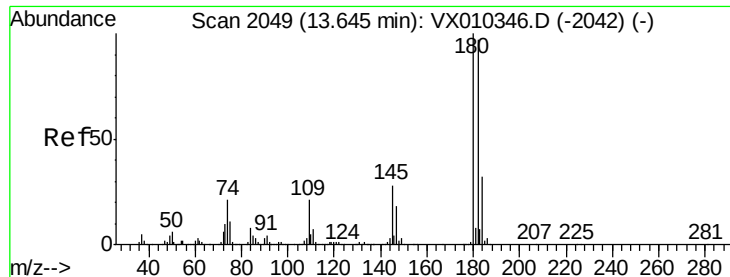
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 146     | 100   |       |       |
| 111     | 38.9  | 19.2  | 57.6  |
| 148     | 64.3  | 32.0  | 96.0  |



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 47.940 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VX010502.D  
 Acq: 27 Jun 2019 20:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 155     | 106.4 | 54.4  | 163.1 |
| 157     | 135.2 | 69.5  | 208.3 |

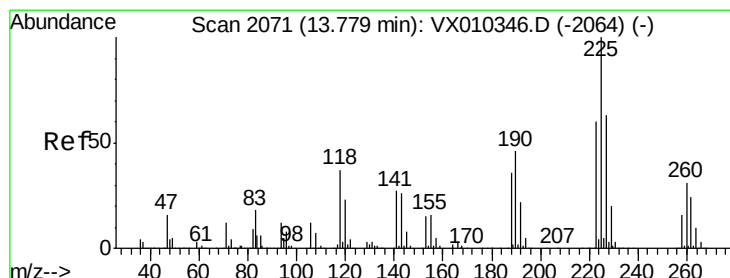
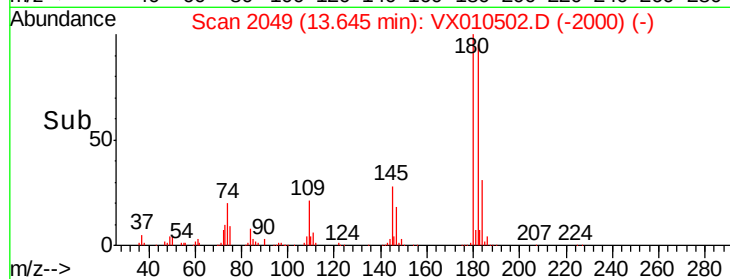
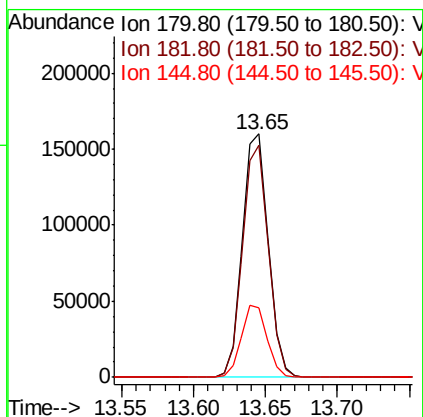
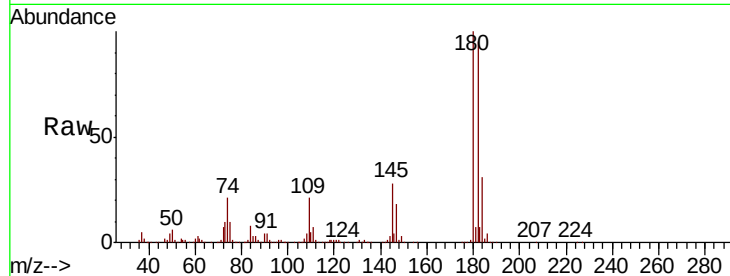




#93  
 1,2,4-Trichlorobenzene  
 Concen: 49.174 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. 0.00 min  
 Lab File: VX010502.D  
 Acq: 27 Jun 2019 20:23

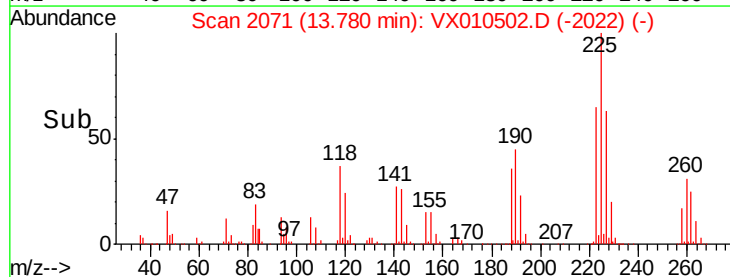
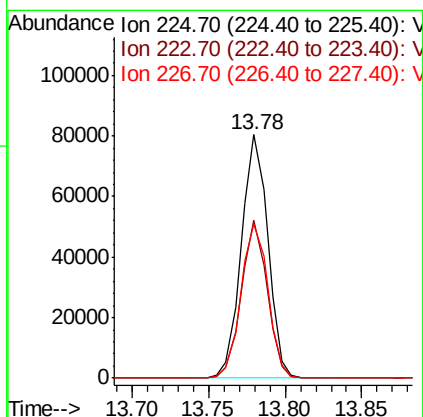
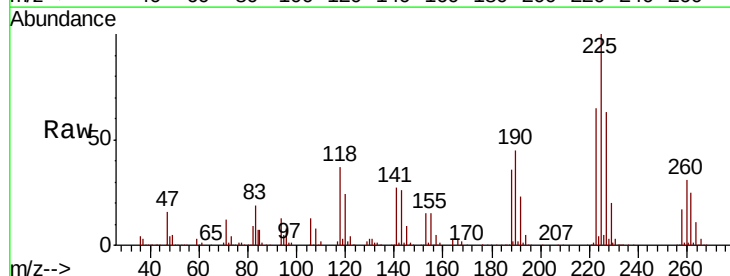
Instrument :  
 MSVOA\_X  
 ClientSampled :

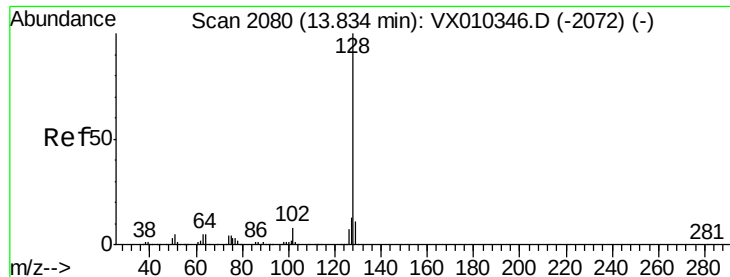
Tot Ion:180 Resp: 199577  
 Ion Ratio Lower Upper  
 180 100  
 182 94.8 48.0 144.0  
 145 29.6 14.4 43.4



#94  
 Hexachlorobutadiene  
 Concen: 48.597 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. 0.00 min  
 Lab File: VX010502.D  
 Acq: 27 Jun 2019 20:23

Tgt Ion:225 Resp: 96396  
 Ion Ratio Lower Upper  
 225 100  
 223 63.3 30.9 92.7  
 227 64.6 31.9 95.5

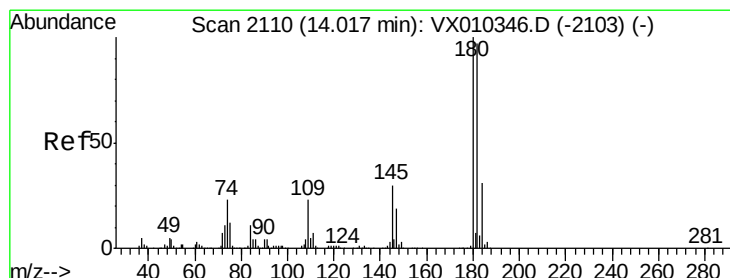
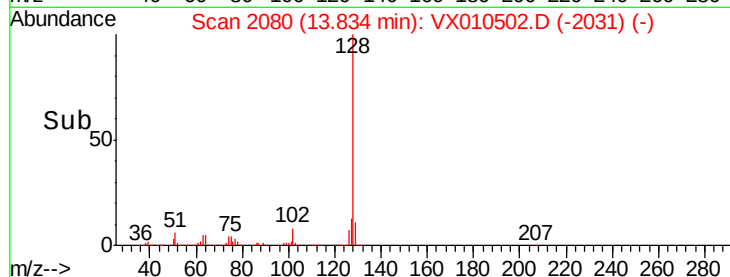
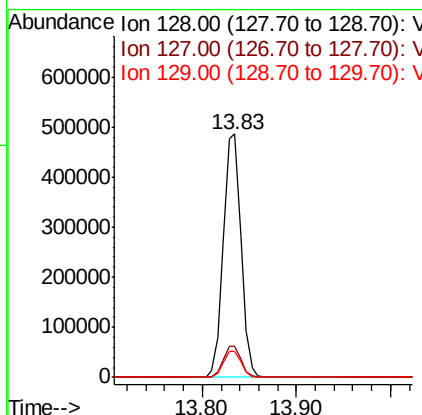
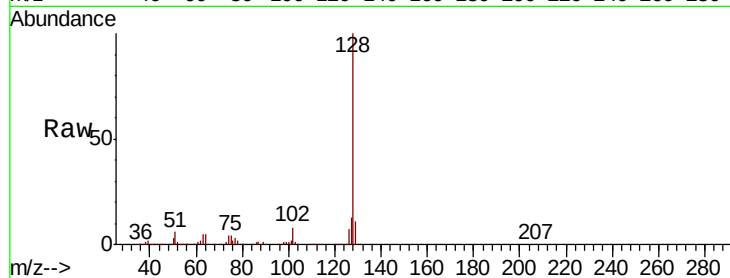




#95  
Naphthalene  
Concen: 50.509 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. 0.00 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 128     | 100   |       |       |
| 127     | 12.8  | 10.2  | 15.4  |
| 129     | 10.9  | 8.9   | 13.3  |



#96  
1,2,3-Trichlorobenzene  
Concen: 49.494 ug/l  
RT: 14.02 min Scan# 2110  
Delta R.T. 0.00 min  
Lab File: VX010502.D  
Acq: 27 Jun 2019 20:23

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 96.4  | 47.8  | 143.3 |
| 145     | 30.5  | 15.2  | 45.6  |

