

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062619\  
 Data File : VX010473.D  
 Acq On : 26 Jun 2019 19:16  
 Operator : JC/SP  
 Sample : K3527-20MSD  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jun 27 01:15:25 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  | 253419   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 379482   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.11 | 117  | 352168   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 179486   | 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   | 125463   | 52.80 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 105.60% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 123429   | 53.16 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 106.32% |          |
| 50) Toluene-d8              | 8.71  | 98   | 464215   | 52.26 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 104.52% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 166703   | 51.98 | ug/l    | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 103.96% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 81437    | 46.223  | ug/l  | 100    |
| 3) Chloromethane              | 1.32 | 50   | 95294    | 46.449  | ug/l  | 100    |
| 4) Vinyl Chloride             | 1.41 | 62   | 103196   | 45.925  | ug/l  | 100    |
| 5) Bromomethane               | 1.64 | 94   | 55889    | 51.053  | ug/l  | 99     |
| 6) Chloroethane               | 1.71 | 64   | 68718    | 51.834  | ug/l  | 96     |
| 7) Trichlorofluoromethane     | 1.92 | 101  | 179724   | 50.454  | ug/l  | 98     |
| 8) Diethyl Ether              | 2.19 | 74   | 63637    | 49.816  | ug/l  | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101  | 104035   | 48.194  | ug/l  | 99     |
| 10) Methyl Iodide             | 2.51 | 142  | 154748   | 50.231  | ug/l  | 97     |
| 11) Tert butyl alcohol        | 3.06 | 59   | 160078   | 257.469 | ug/l  | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 105276   | 47.927  | ug/l  | 98     |
| 13) Acrolein                  | 2.29 | 56   | 83948    | 203.538 | ug/l  | 99     |
| 14) Allyl chloride            | 2.73 | 41   | 153435   | 49.201  | ug/l  | 100    |
| 15) Acrylonitrile             | 3.14 | 53   | 319444   | 259.506 | ug/l  | 99     |
| 16) Acetone                   | 2.45 | 43   | 249926   | 209.880 | ug/l  | 98     |
| 17) Carbon Disulfide          | 2.57 | 76   | 255112   | 43.290  | ug/l  | 100    |
| 18) Methyl Acetate            | 2.78 | 43   | 114421   | 48.211  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73   | 347829   | 50.335  | ug/l  | 98     |
| 20) Methylene Chloride        | 2.85 | 84   | 121348   | 49.517  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96   | 112187   | 47.488  | ug/l  | 98     |
| 22) Diisopropyl ether         | 3.85 | 45   | 329298   | 50.505  | ug/l  | 97     |
| 23) Vinyl Acetate             | 3.82 | 43   | 1346513  | 239.054 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 187276   | 49.690  | ug/l  | 99     |
| 25) 2-Butanone                | 4.67 | 43   | 431284   | 246.905 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 4.59 | 77   | 141718   | 43.286  | ug/l  | 100    |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96   | 136206   | 49.892  | ug/l  | 98     |
| 28) Bromochloromethane        | 5.02 | 49   | 91024    | 50.514  | ug/l  | 98     |
| 29) Tetrahydrofuran           | 5.13 | 42   | 278013   | 256.954 | ug/l  | 100    |
| 30) Chloroform                | 5.21 | 83   | 204300   | 50.381  | ug/l  | 99     |
| 31) Cyclohexane               | 5.58 | 56   | 163838   | 47.737  | ug/l  | 98     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97   | 180498   | 50.410  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 5.80 | 75   | 143388   | 47.549  | ug/l  | 99     |
| 37) Ethyl Acetate             | 4.83 | 43   | 150381   | 48.474  | ug/l  | 100    |
| 38) Carbon Tetrachloride      | 5.78 | 117  | 159004   | 48.693  | ug/l  | 97     |

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 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Jun 27 01:15:25 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   | 182097   | 45.939   | ug/l   | 98       |
| 40) Benzene                    | 6.14  | 78   | 463813   | 49.368   | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.04  | 41   | 86973    | 51.095   | ug/l   | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 147761   | 51.668   | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.45  | 43   | 251085   | 48.919   | ug/l   | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 137443   | 48.891   | ug/l   | 98       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 116281   | 49.012   | ug/l   | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 85447    | 50.198   | ug/l   | 98       |
| 47) Bromodichloromethane       | 7.90  | 83   | 157115   | 50.366   | ug/l   | 97       |
| 48) Methyl methacrylate        | 7.77  | 41   | 125483   | 52.597   | ug/l   | 100      |
| 49) 1,4-Dioxane                | 7.74  | 88   | 68985    | 1003.749 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 862488   | 262.739  | ug/l   | 99       |
| 52) Toluene                    | 8.79  | 92   | 306706   | 49.573   | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 171210   | 48.954   | ug/l   | 100      |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 185872   | 48.905   | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 130567   | 51.170   | ug/l   | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 197257   | 51.032   | ug/l   | 98       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 200750   | 50.683   | ug/l   | 100      |
| 59) 2-Hexanone                 | 9.49  | 43   | 660324   | 255.584  | ug/l   | 99       |
| 60) Dibromochloromethane       | 9.58  | 129  | 145476   | 50.920   | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 139536   | 50.664   | ug/l   | 100      |
| 64) Tetrachloroethene          | 9.33  | 164  | 129239   | 45.372   | ug/l   | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 348306   | 48.716   | ug/l   | 100      |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 130327   | 50.043   | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 593942   | 49.207   | ug/l   | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 459130   | 98.169   | ug/l   | 100      |
| 69) o-Xylene                   | 10.69 | 106  | 224434   | 48.797   | ug/l   | 100      |
| 70) Styrene                    | 10.71 | 104  | 383945   | 49.777   | ug/l   | 99       |
| 71) Bromoform                  | 10.85 | 173  | 114046   | 50.357   | ug/l # | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 595454   | 48.940   | ug/l   | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 218808   | 47.586   | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 200900   | 49.859   | ug/l   | 99       |
| 76) 1,2,3-Trichloropropane     | 11.29 | 75   | 224178   | 68.541   | ug/l   | 80       |
| 77) Bromobenzene               | 11.26 | 156  | 165943   | 48.845   | ug/l   | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 659554   | 49.324   | ug/l   | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 388339   | 48.770   | ug/l   | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 487822   | 48.635   | ug/l   | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 63909    | 45.584   | ug/l   | 96       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 448164   | 49.462   | ug/l   | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 502608   | 49.926   | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 494403   | 49.062   | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 575052   | 48.650   | ug/l   | 100      |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 531686   | 48.630   | ug/l   | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 286750   | 48.353   | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 286390   | 47.436   | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.38 | 91   | 442881   | 47.670   | ug/l   | 100      |
| 90) Hexachloroethane           | 12.60 | 117  | 94067    | 49.757   | ug/l   | 99       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 280437   | 47.580   | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 41825    | 48.144   | ug/l   | 97       |
| 93) 1,2,4-Trichlorobenzene     | 13.65 | 180  | 193466   | 47.333   | ug/l   | 99       |

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Sample : K3527-20MSD  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 27 Sample Multiplier: 1

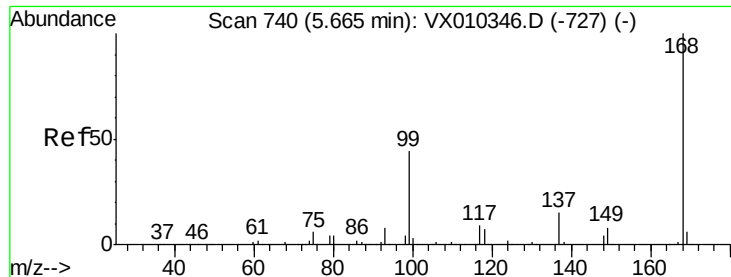
Instrument :  
MSVOA\_X  
ClientSampleId :

Quant Time: Jun 27 01:15:25 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) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 94) Hexachlorobutadiene    | 13.78 | 225  | 88996    | 44.550 | ug/l  | 100      |
| 95) Naphthalene            | 13.83 | 128  | 619152   | 49.293 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 192889   | 47.464 | ug/l  | 99       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA\_X

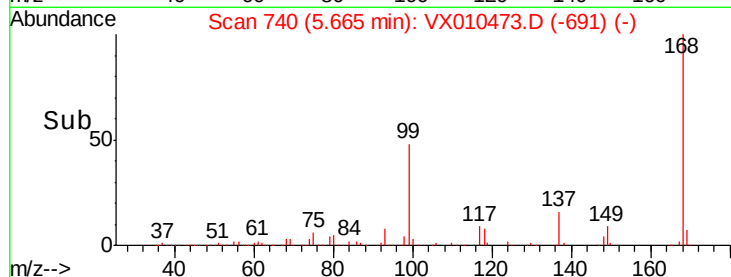
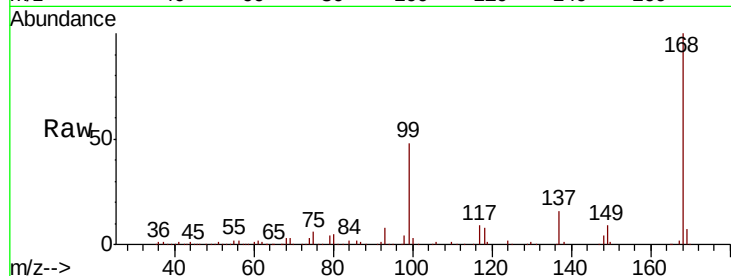
ClientSampleId :

Tot Ion:168 Resp: 253419

Ion Ratio Lower Upper

168 100

99 47.8 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

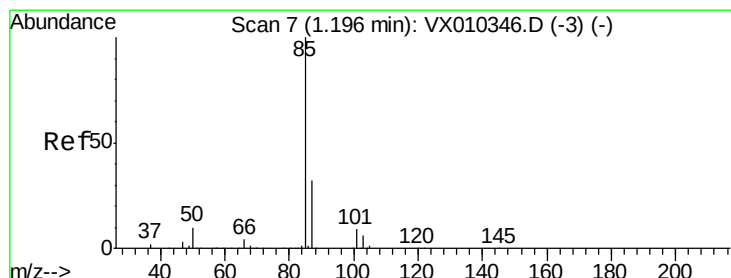
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.223 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010473.D

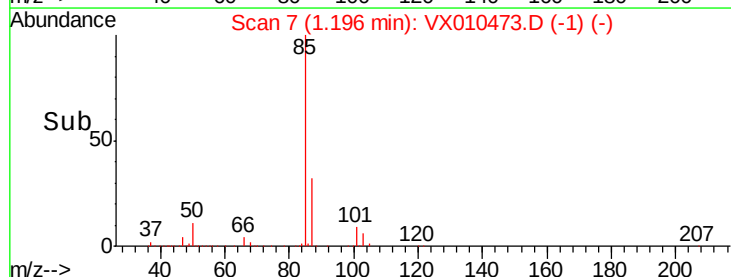
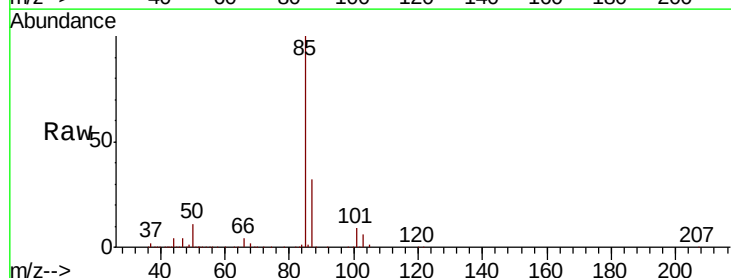
Acq: 26 Jun 2019 19:16

Tgt Ion: 85 Resp: 81437

Ion Ratio Lower Upper

85 100

87 32.4 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

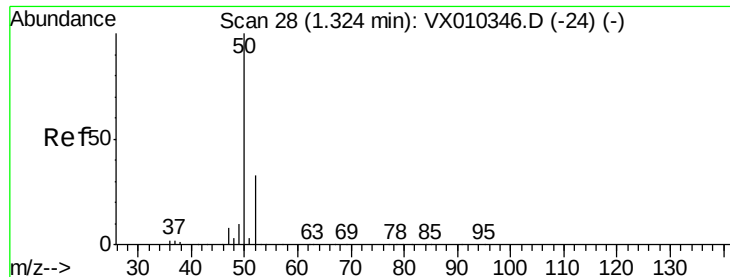
60000

40000

20000

0

Time--> 1.15 1.20 1.25 1.30 1.35



#3

Chloromethane

Concen: 46.449 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA\_X

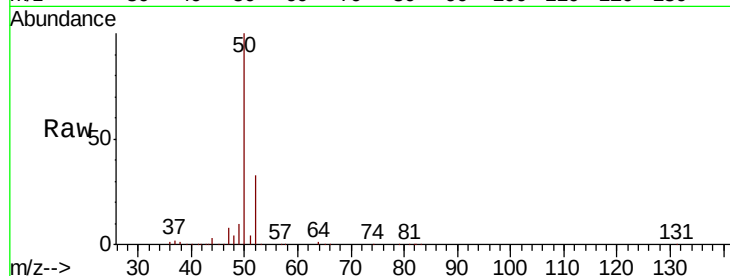
ClientSampleId :

Tot Ion: 50 Resp: 95294

Ion Ratio Lower Upper

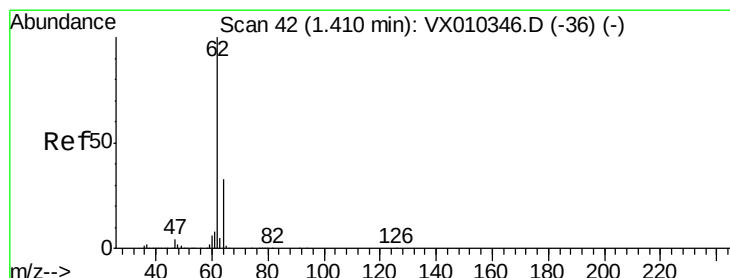
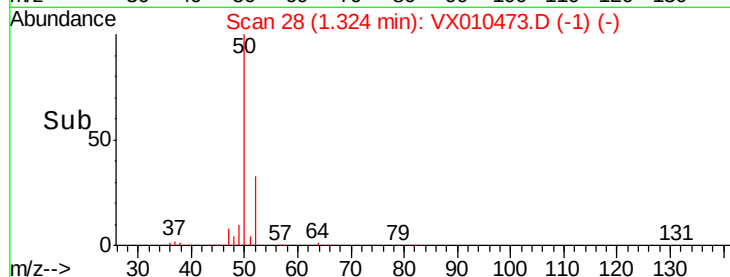
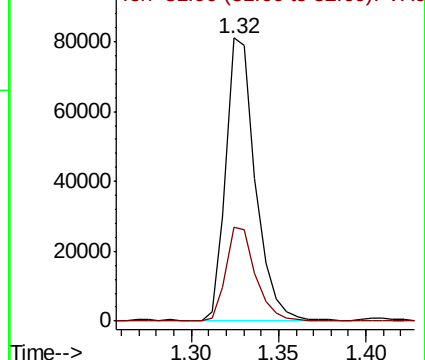
50 100

52 32.9 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: 45.925 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX010473.D

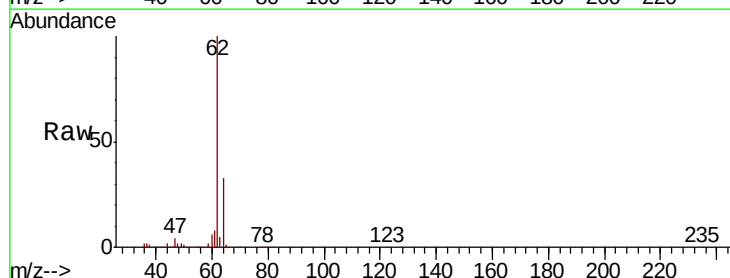
Acq: 26 Jun 2019 19:16

Tgt Ion: 62 Resp: 103196

Ion Ratio Lower Upper

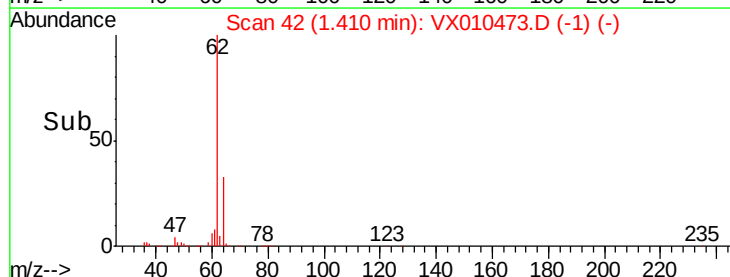
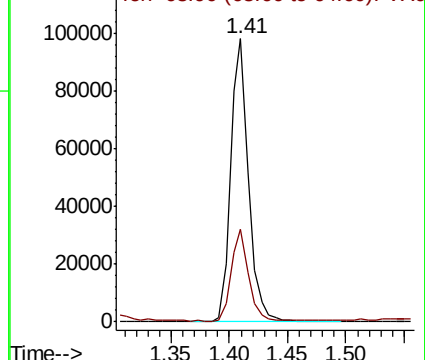
62 100

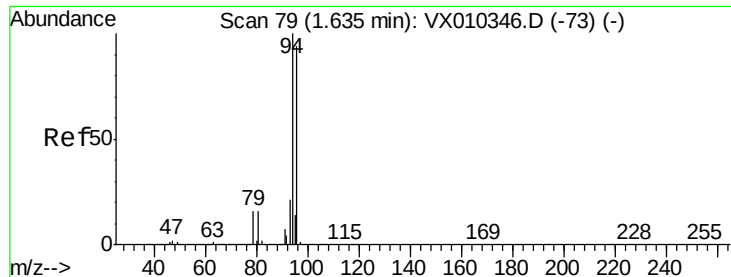
64 32.5 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 51.053 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA\_X

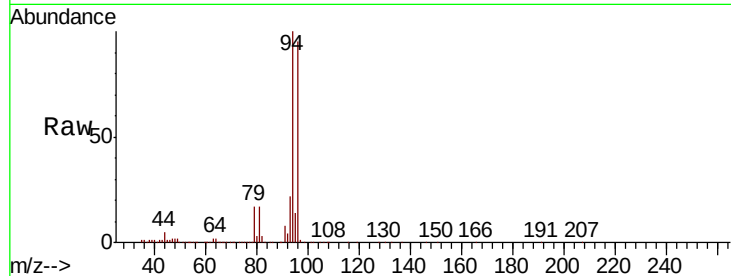
ClientSampleId :

Tot Ion: 94 Resp: 55889

Ion Ratio Lower Upper

94 100

96 95.1 75.5 113.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

60000

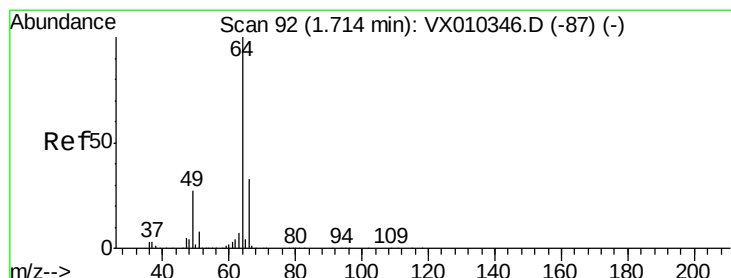
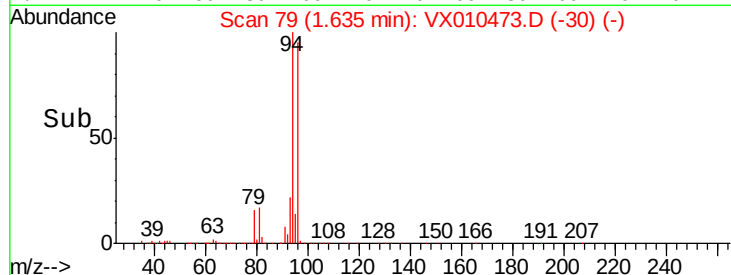
40000

20000

0

Time-->

1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 51.834 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX010473.D

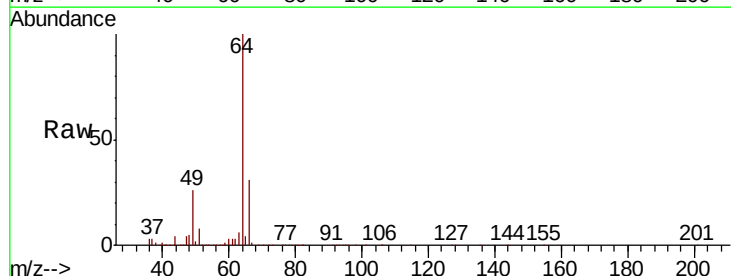
Acq: 26 Jun 2019 19:16

Tgt Ion: 64 Resp: 68718

Ion Ratio Lower Upper

64 100

66 31.2 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.71

60000

50000

40000

30000

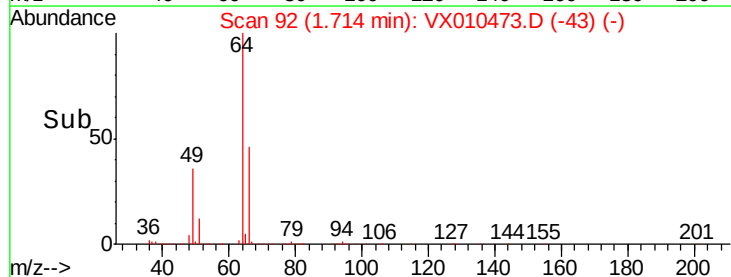
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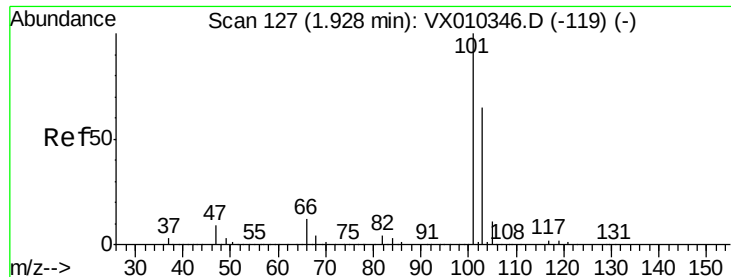
10000

0

Time-->

1.60 1.65 1.70 1.75 1.80



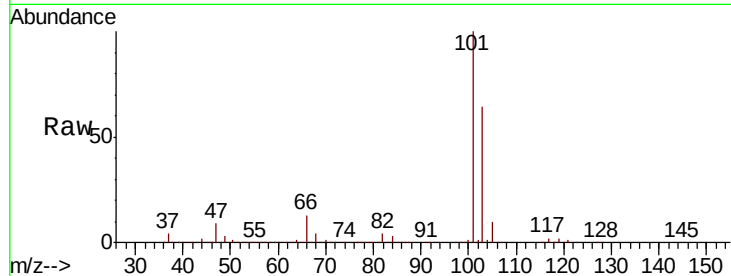


#7

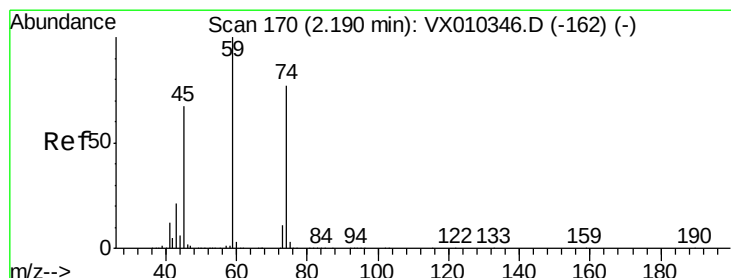
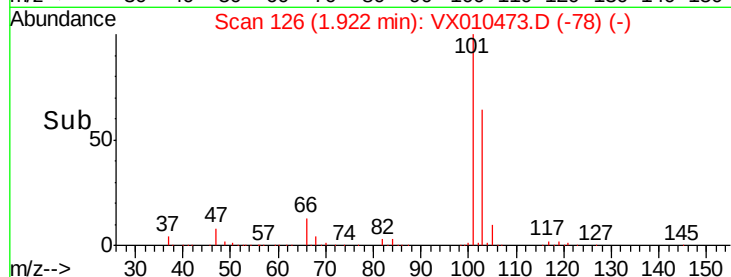
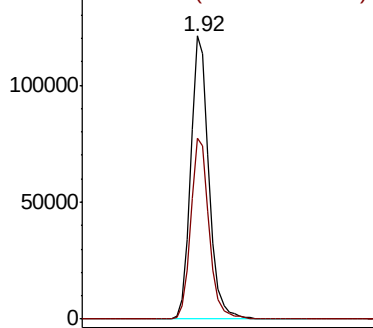
Trichlorofluoromethane  
Concen: 50.454 ug/l  
RT: 1.92 min Scan# 126  
Delta R.T. -0.01 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion:101 Resp: 179724  
Ion Ratio Lower Upper  
101 100  
103 63.9 52.3 78.5



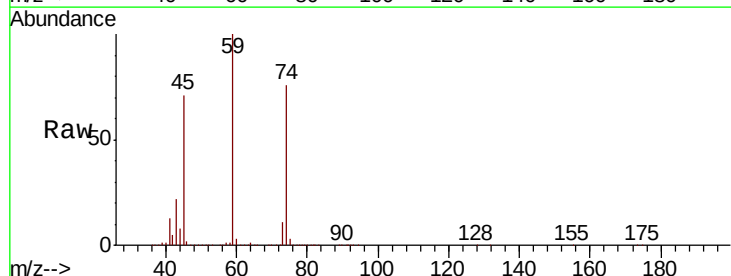
Abundance Ion 100.90 (100.60 to 101.60): V  
Ion 102.80 (102.50 to 103.50): V



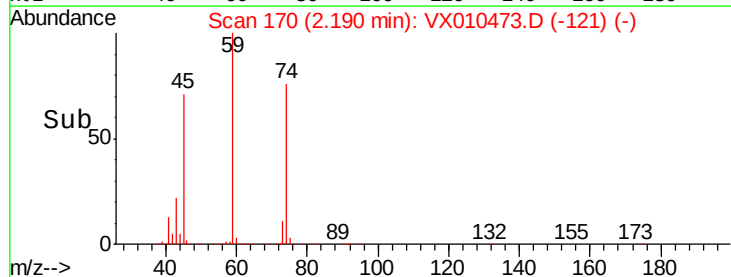
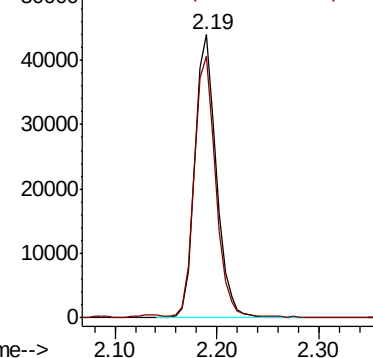
#8

Diethyl Ether  
Concen: 49.816 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. -0.00 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

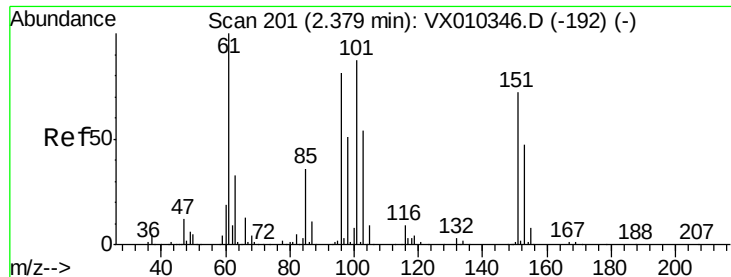
Tgt Ion: 74 Resp: 63637  
Ion Ratio Lower Upper  
74 100  
45 91.3 44.8 134.4



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: 48.194 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA\_X

ClientSampleId :

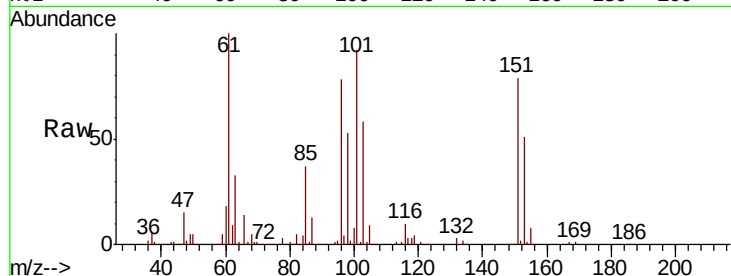
Tot Ion:101 Resp: 104035

Ion Ratio Lower Upper

101 100

85 42.1 33.7 50.5

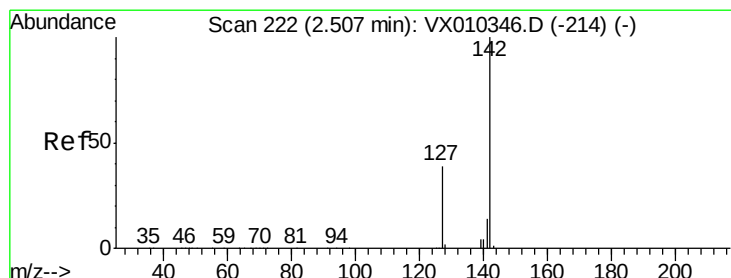
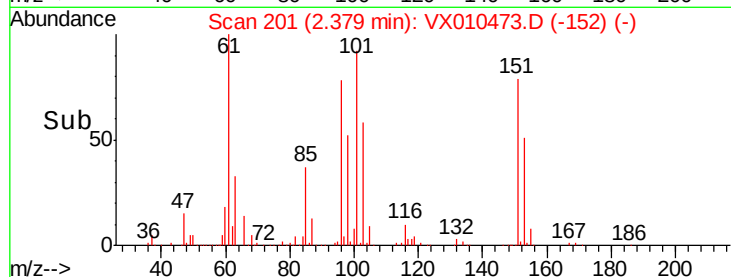
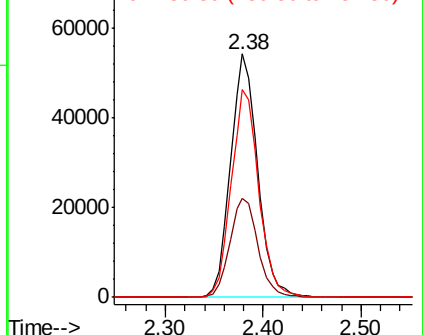
151 86.5 70.1 105.1



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: 50.231 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

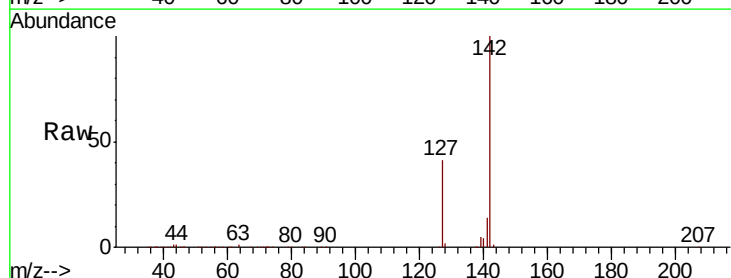
Tgt Ion:142 Resp: 154748

Ion Ratio Lower Upper

142 100

127 41.2 31.1 46.7

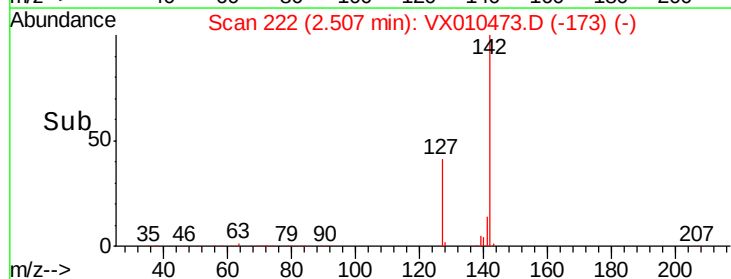
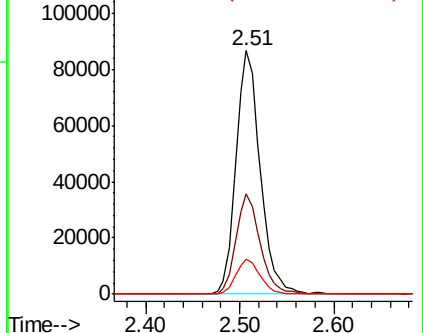
141 14.3 11.2 16.8

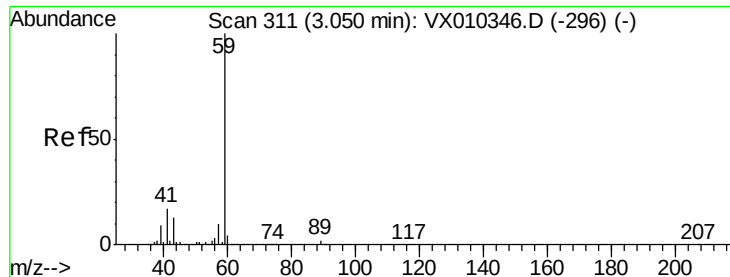


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



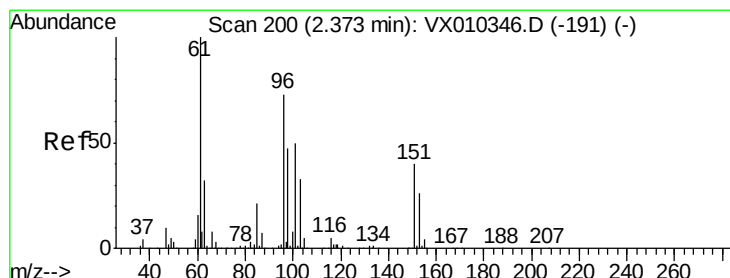
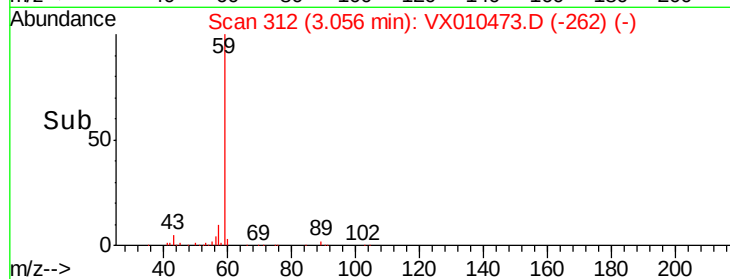
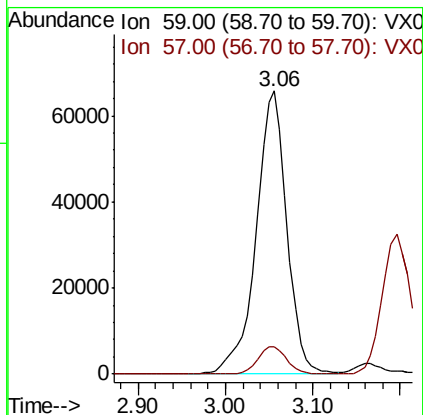
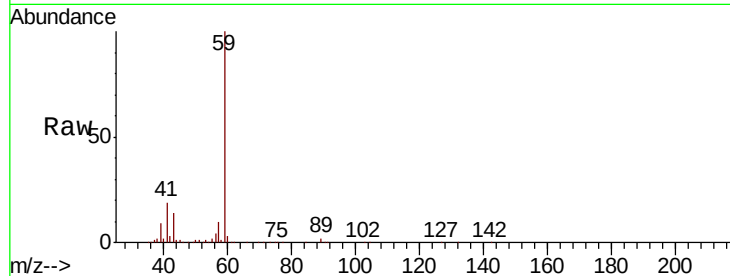


#11

Tert butyl alcohol  
Concen: 257.469 ug/l  
RT: 3.06 min Scan# 312  
Delta R.T. 0.01 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

Instrument :  
MSVOA\_X  
ClientSampleId :

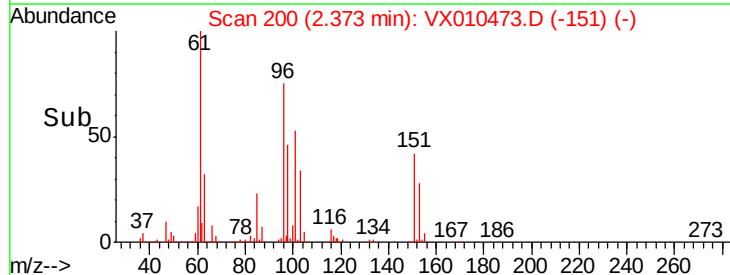
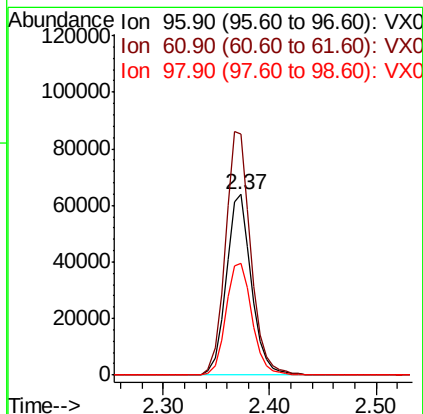
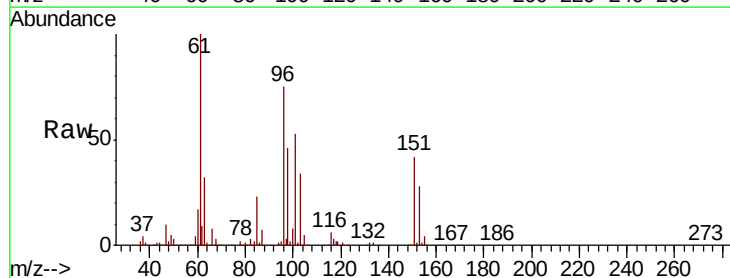
Tot Ion: 59 Resp: 160078  
Ion Ratio Lower Upper  
59 100  
57 9.4 7.7 11.5

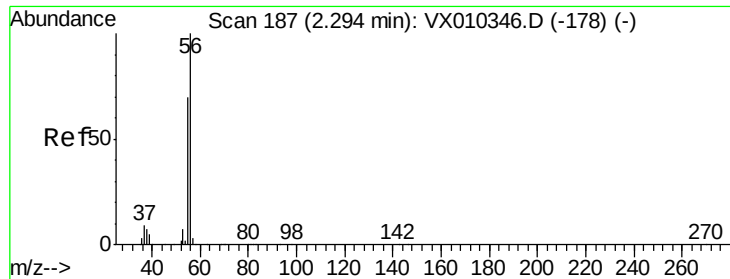


#12

1,1-Dichloroethene  
Concen: 47.927 ug/l  
RT: 2.37 min Scan# 200  
Delta R.T. -0.00 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

Tgt Ion: 96 Resp: 105276  
Ion Ratio Lower Upper  
96 100  
61 133.8 109.2 163.8  
98 61.6 51.1 76.7





#13

Acrolein

Concen: 203.538 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA\_X

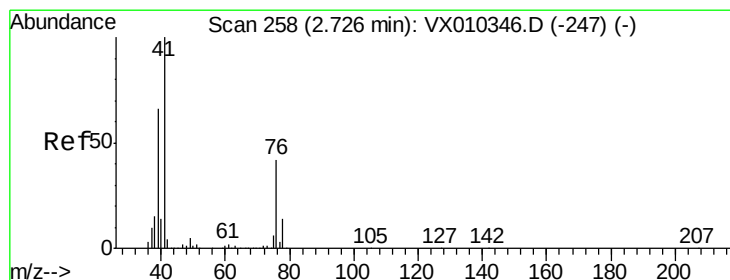
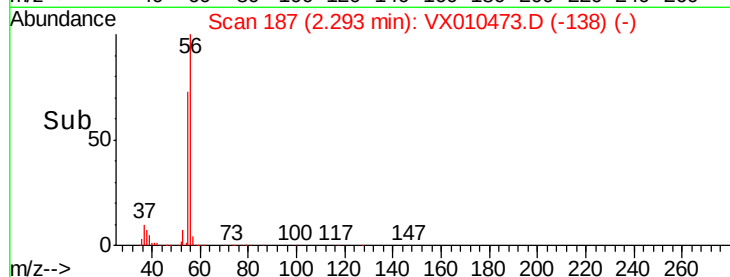
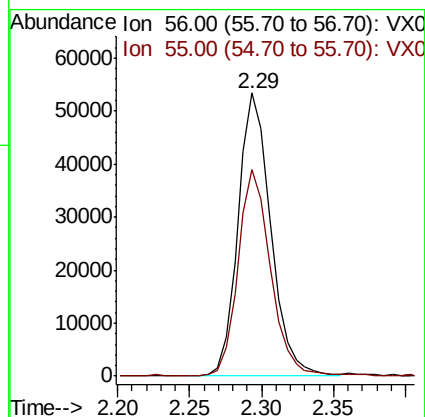
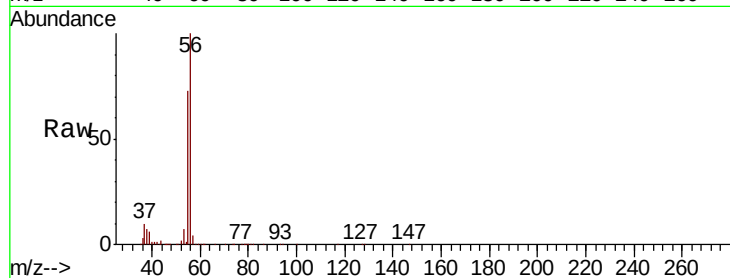
ClientSampleId :

Tot Ion: 56 Resp: 83948

Ion Ratio Lower Upper

56 100

55 72.0 56.9 85.3



#14

Allyl chloride

Concen: 49.201 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

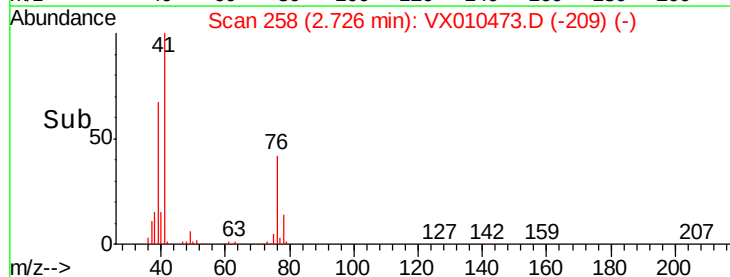
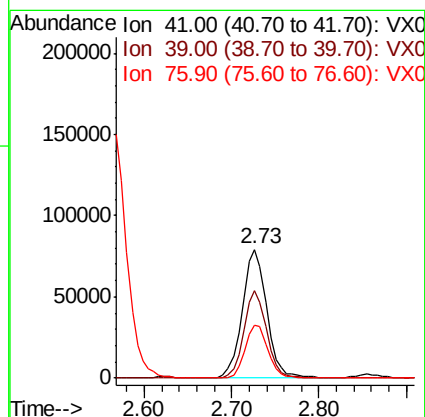
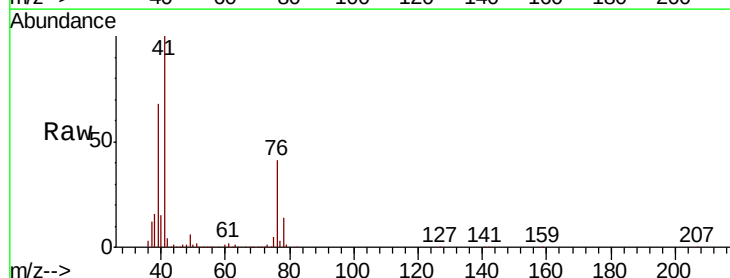
Tgt Ion: 41 Resp: 153435

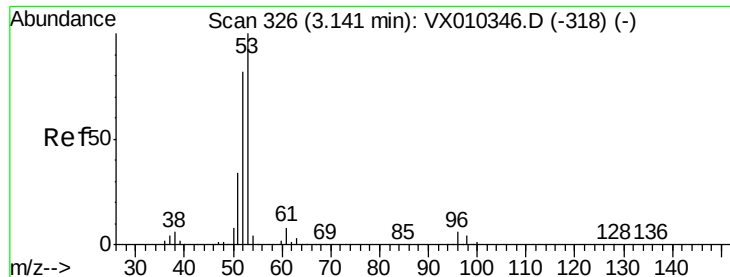
Ion Ratio Lower Upper

41 100

39 63.0 50.3 75.5

76 38.5 31.3 46.9





#15

Acrylonitrile

Concen: 259.506 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA\_X

ClientSampleId :

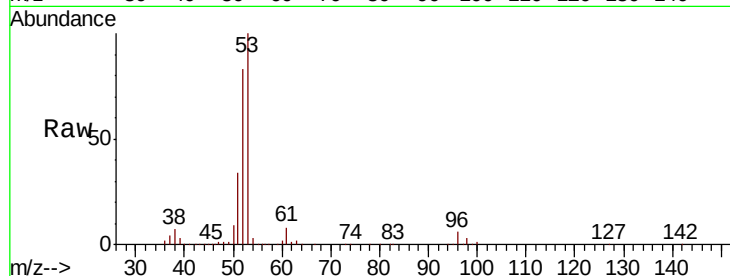
Tot Ion: 53 Resp: 319444

Ion Ratio Lower Upper

53 100

52 82.2 65.5 98.3

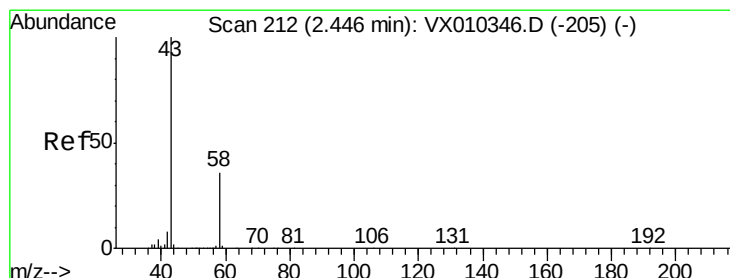
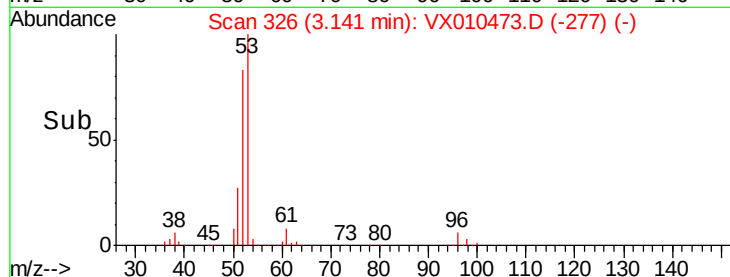
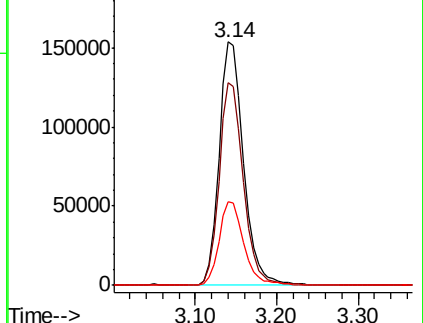
51 34.7 28.2 42.4



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 209.880 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX010473.D

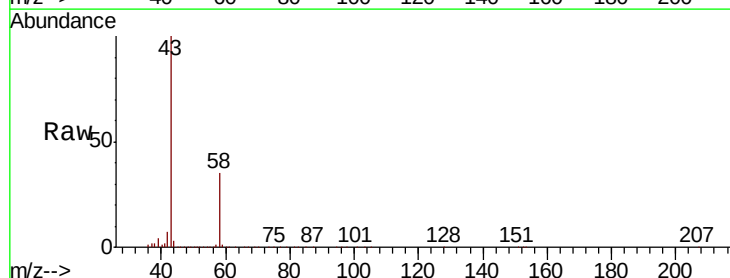
Acq: 26 Jun 2019 19:16

Tgt Ion: 43 Resp: 249926

Ion Ratio Lower Upper

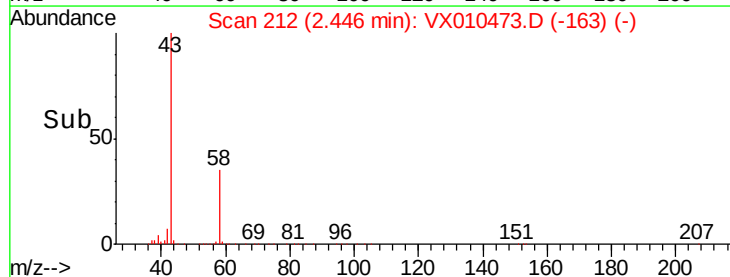
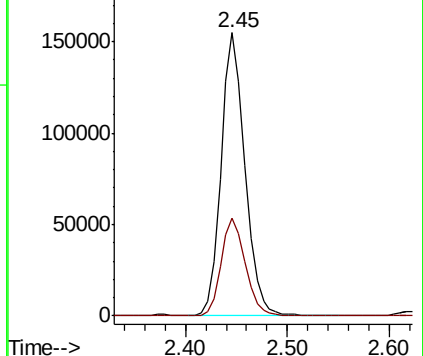
43 100

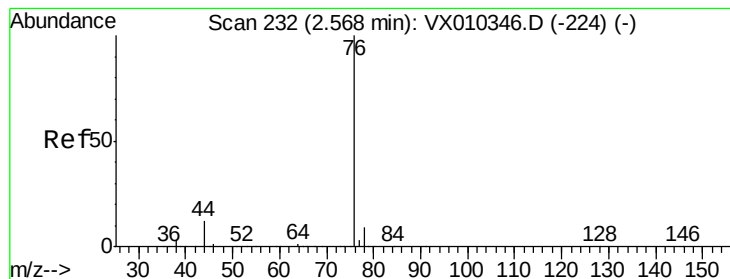
58 34.7 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 43.290 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA\_X

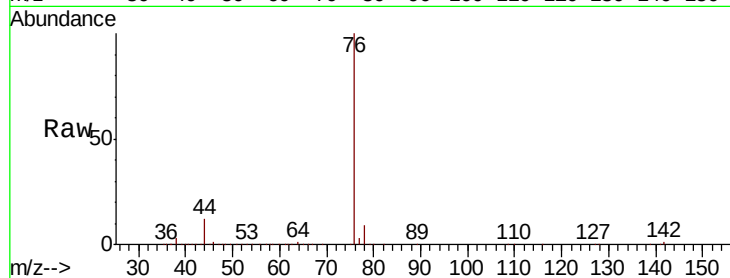
ClientSampleId :

Tot Ion: 76 Resp: 255112

Ion Ratio Lower Upper

76 100

78 9.2 7.3 10.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

150000

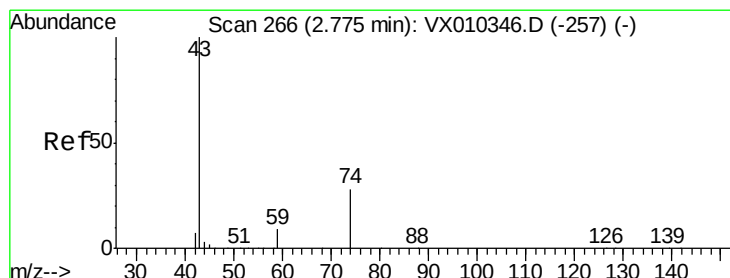
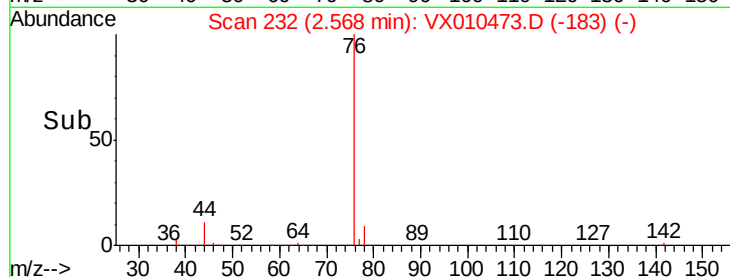
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 48.211 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX010473.D

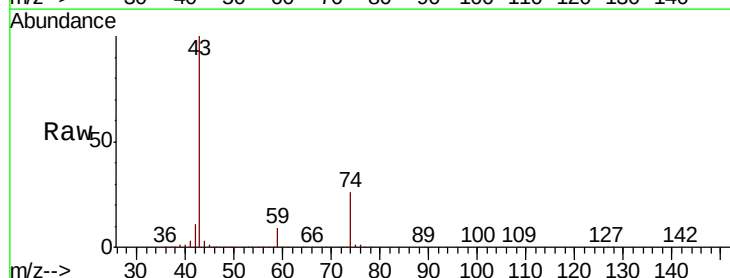
Acq: 26 Jun 2019 19:16

Tgt Ion: 43 Resp: 114421

Ion Ratio Lower Upper

43 100

74 27.2 21.3 31.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

60000

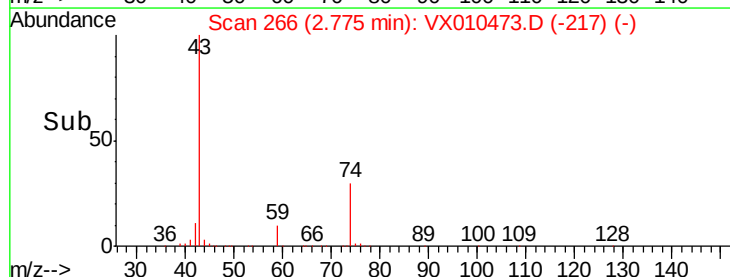
40000

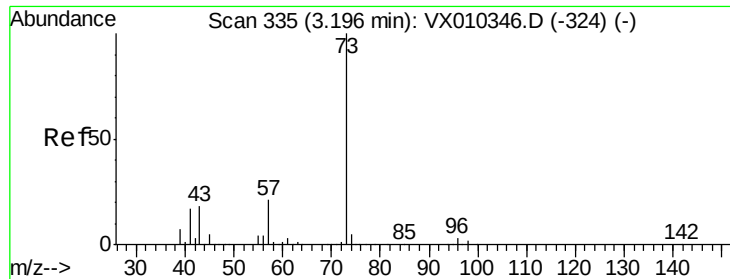
20000

0

Time-->

2.70 2.80 2.90

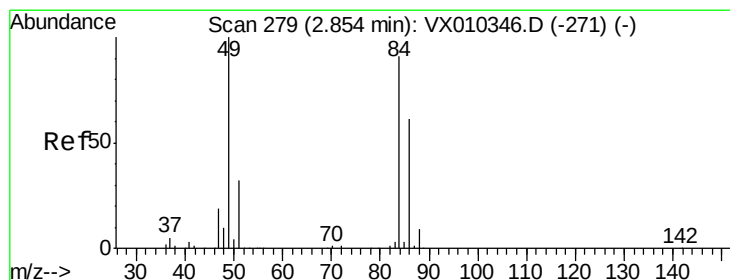
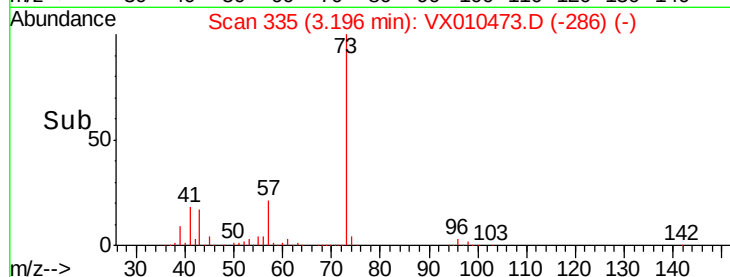
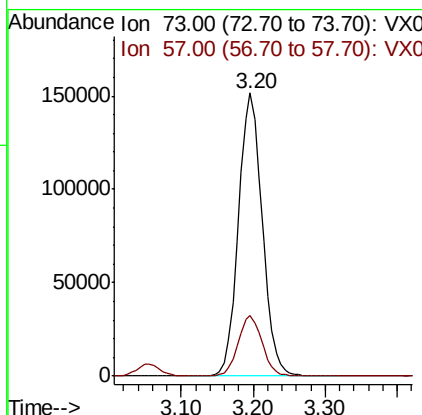
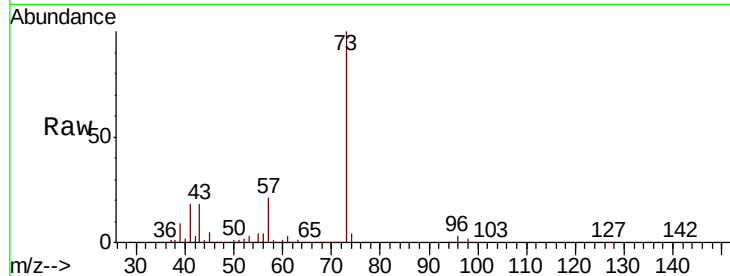




#19  
Methyl tert-butyl Ether  
Concen: 50.335 ug/l  
RT: 3.20 min Scan# 335  
Delta R.T. -0.00 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

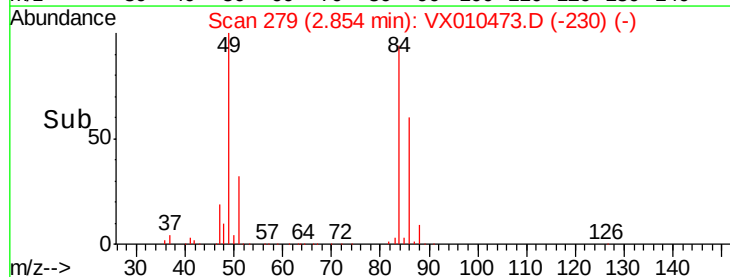
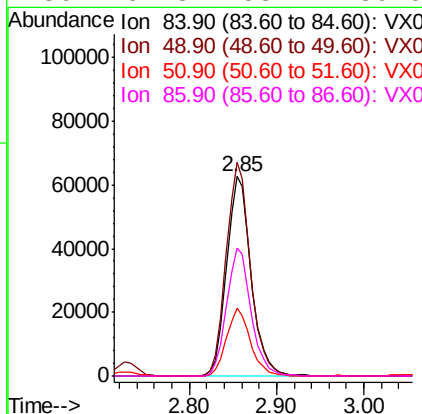
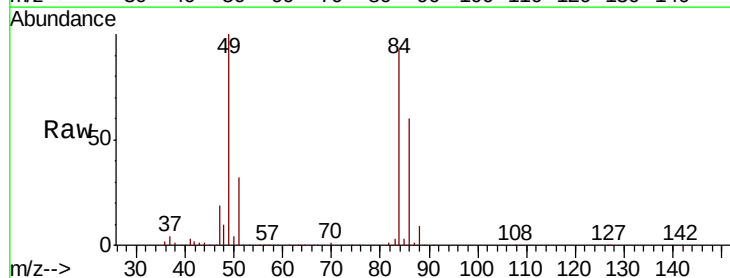
Instrument :  
MSVOA\_X  
ClientSampleId :

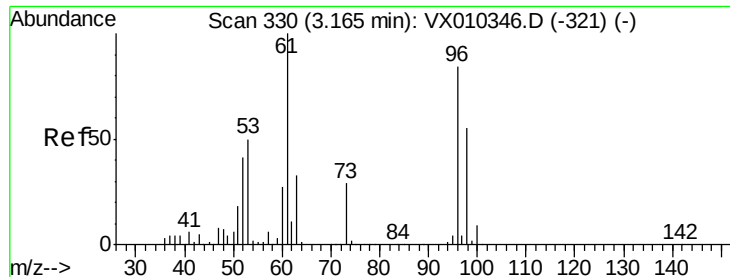
Tot Ion: 73 Resp: 347829  
Ion Ratio Lower Upper  
73 100  
57 21.4 16.4 24.6



#20  
Methylene Chloride  
Concen: 49.517 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. -0.00 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

Tgt Ion: 84 Resp: 121348  
Ion Ratio Lower Upper  
84 100  
49 106.8 87.5 131.3  
51 33.7 27.7 41.5  
86 64.3 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 47.488 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA\_X

ClientSampleId :

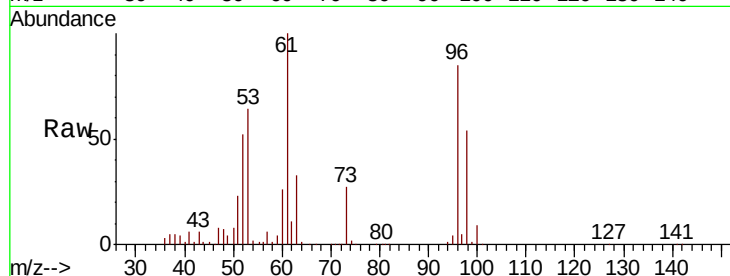
Tot Ion: 96 Resp: 112187

Ion Ratio Lower Upper

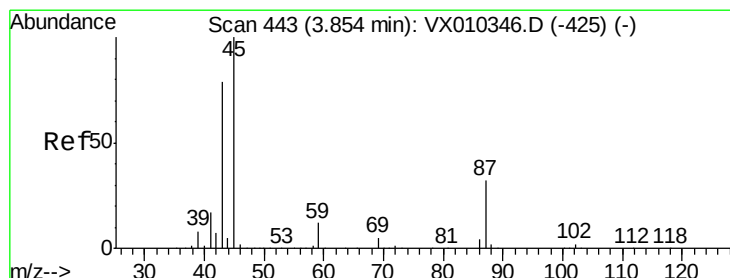
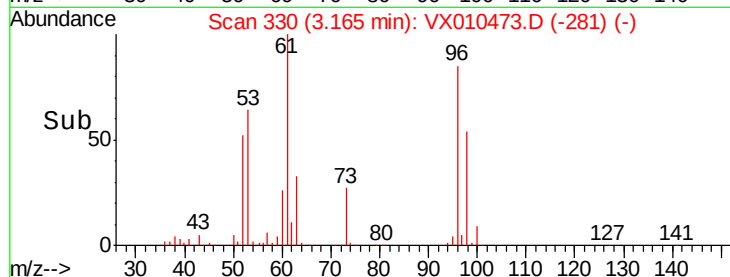
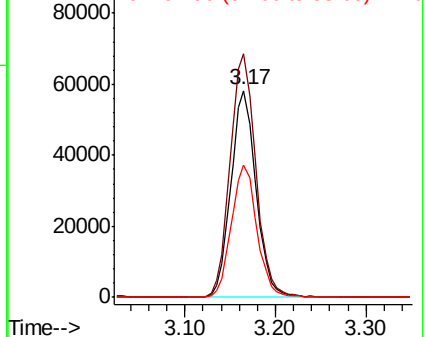
96 100

61 117.5 95.6 143.4

98 64.1 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: 50.505 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Tgt Ion: 45 Resp: 329298

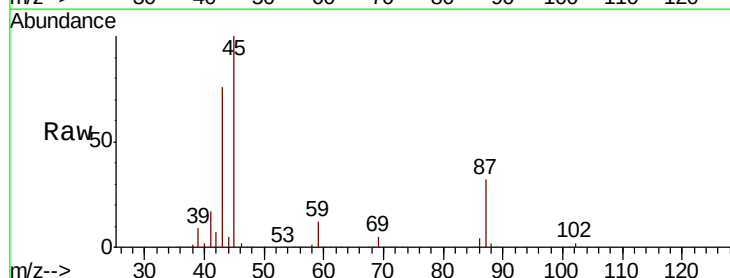
Ion Ratio Lower Upper

45 100

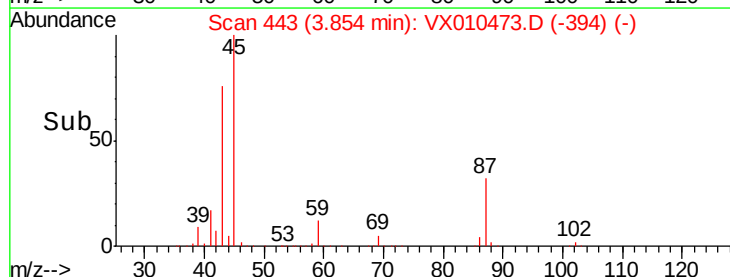
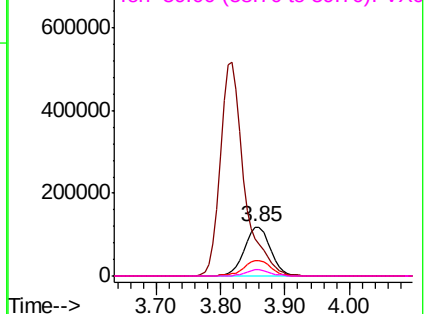
43 75.6 63.3 94.9

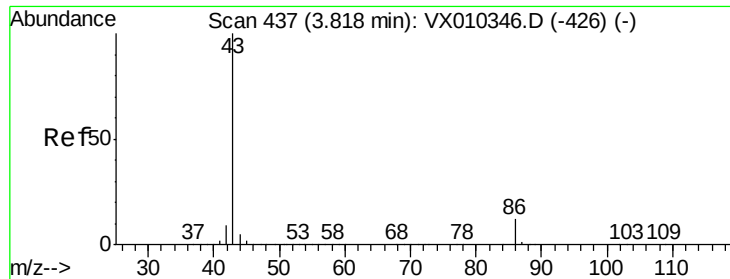
87 32.1 25.8 38.8

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: 239.054 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

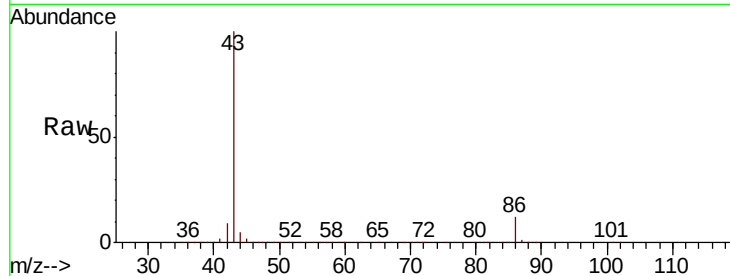
Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 43 Resp: 1346513

Ion Ratio Lower Upper

43 100

86 12.4 9.9 14.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

500000

400000

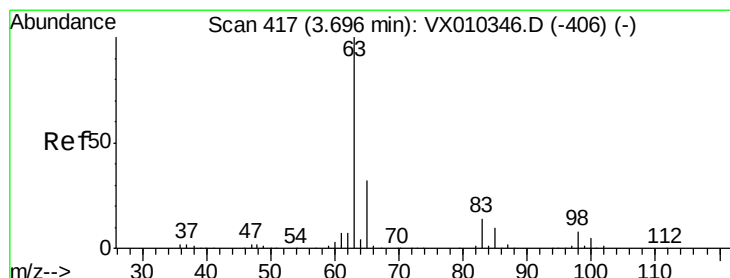
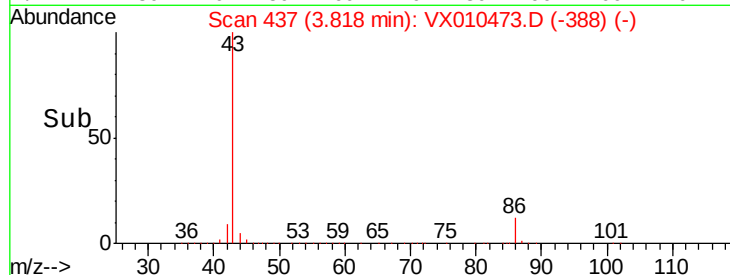
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 49.690 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

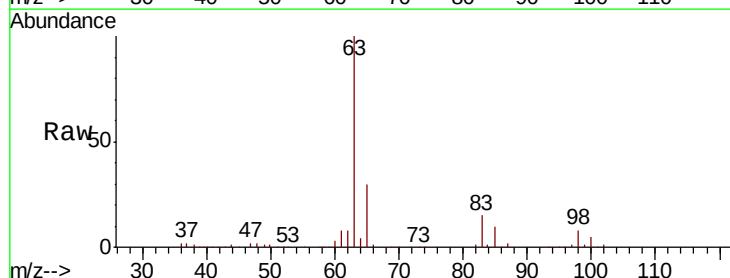
Tgt Ion: 63 Resp: 187276

Ion Ratio Lower Upper

63 100

98 7.6 3.9 11.7

100 5.3 2.4 7.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

100000

80000

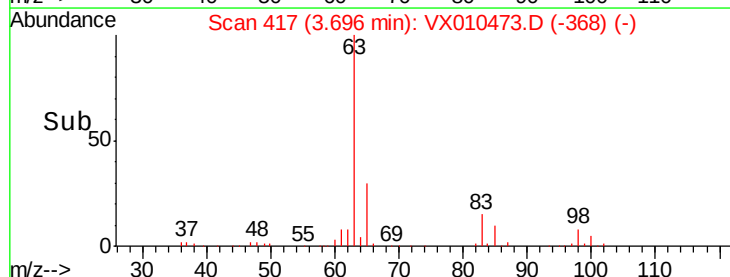
60000

40000

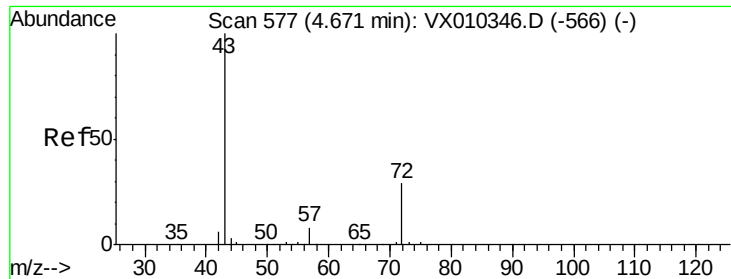
20000

0

Time-->







#25

2-Butanone

Concen: 246.905 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

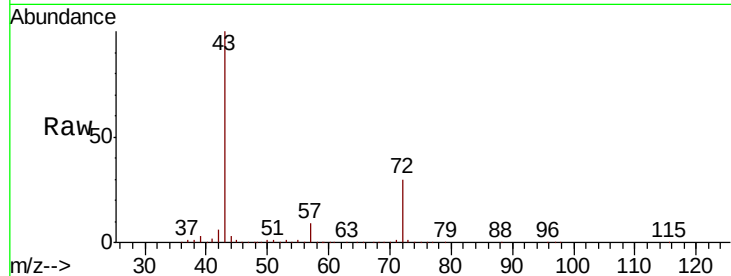
Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion: 43 Resp: 431284

Ion Ratio Lower Upper

43 100

72 29.9 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

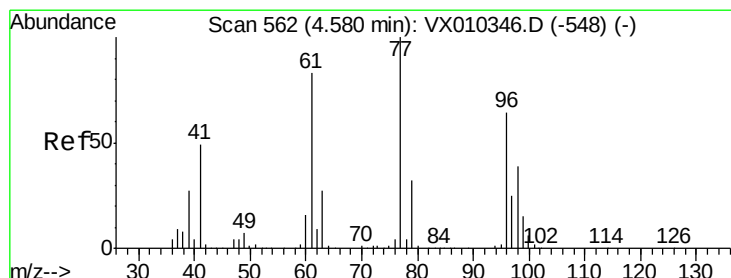
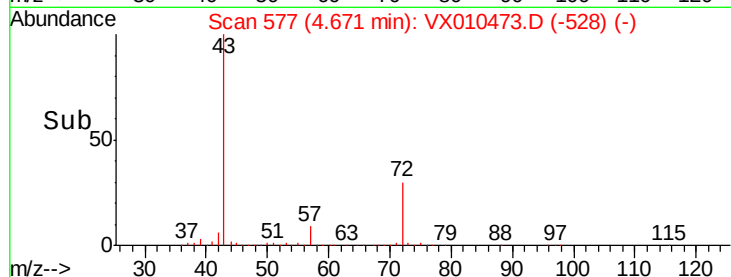
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 43.286 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX010473.D

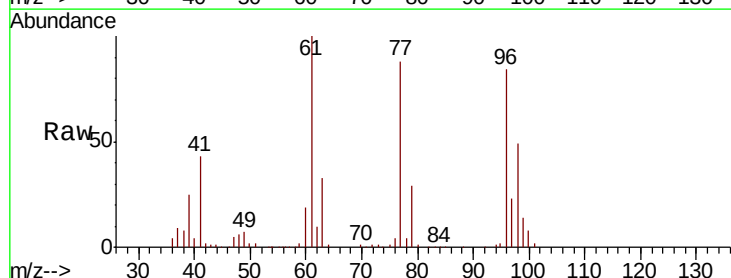
Acq: 26 Jun 2019 19:16

Tgt Ion: 77 Resp: 141718

Ion Ratio Lower Upper

77 100

97 26.1 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

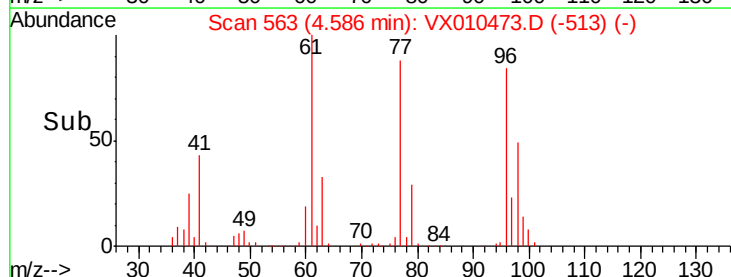
30000

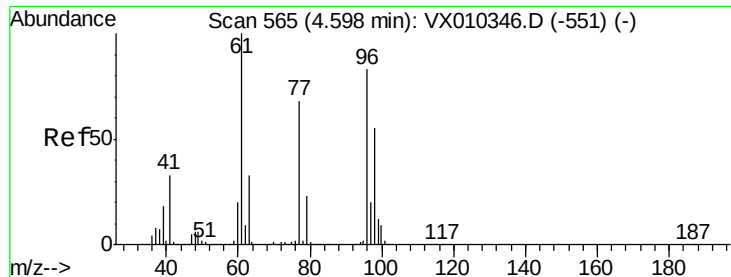
20000

10000

0

Time-->



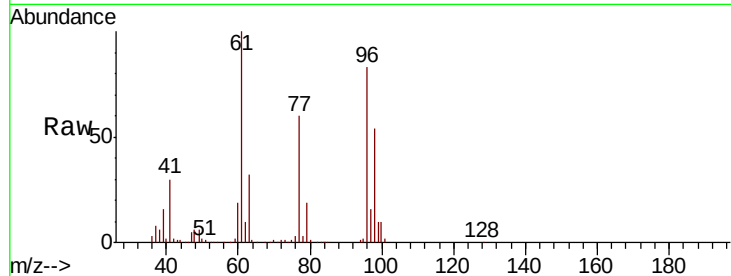


#27

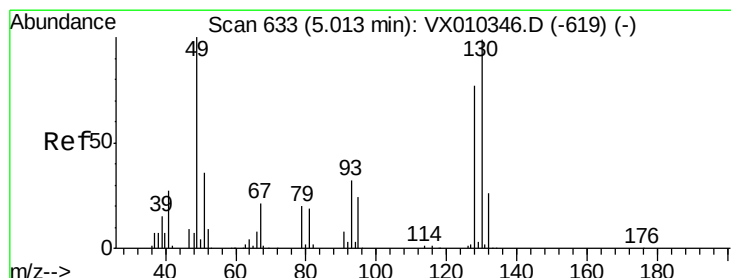
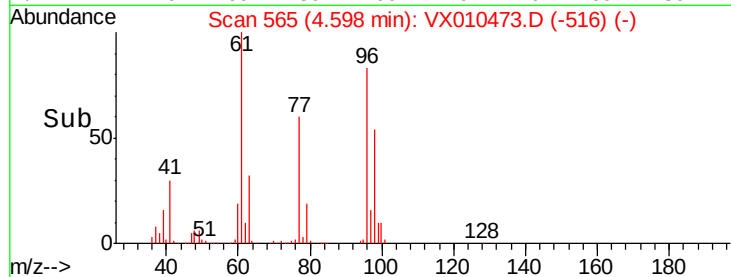
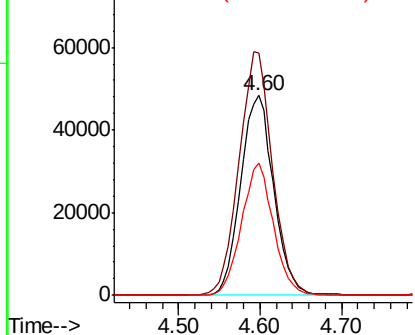
cis-1,2-Dichloroethene  
Concen: 49.892 ug/l  
RT: 4.60 min Scan# 565  
Delta R.T. -0.00 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 123.3 | 0.0   | 251.8 |
| 98      | 63.8  | 0.0   | 129.4 |



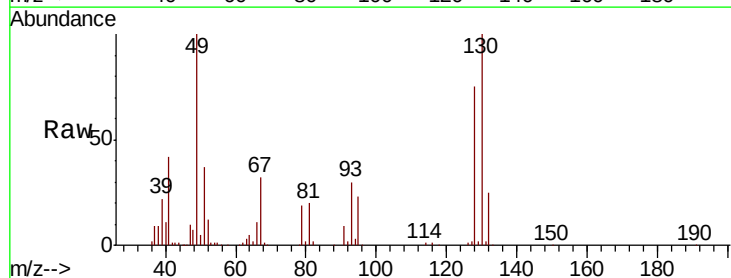
Abundance Ion 95.90 (95.60 to 96.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



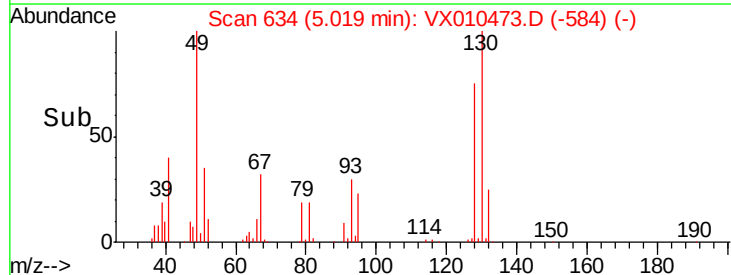
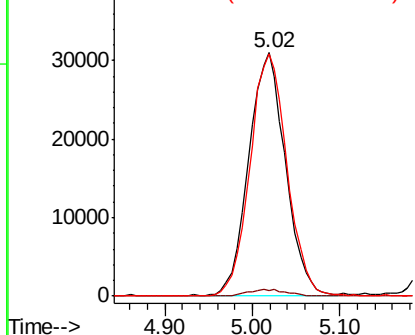
#28

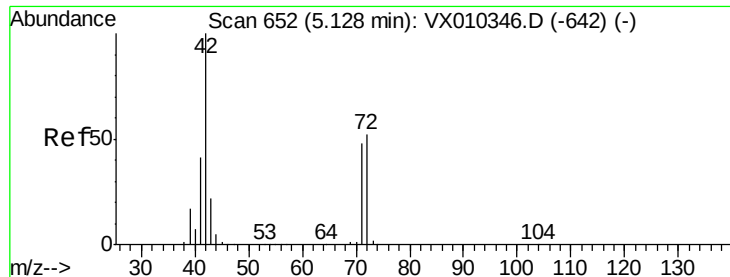
Bromochloromethane  
Concen: 50.514 ug/l  
RT: 5.02 min Scan# 634  
Delta R.T. 0.01 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.8   | 0.0   | 5.6   |
| 130     | 100.0 | 81.4  | 122.0 |



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





#29

Tetrahydrofuran

Concen: 256.954 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA\_X

ClientSampleId :

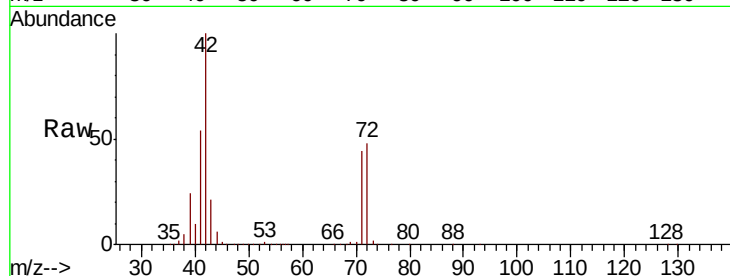
Tot Ion: 42 Resp: 278013

Ion Ratio Lower Upper

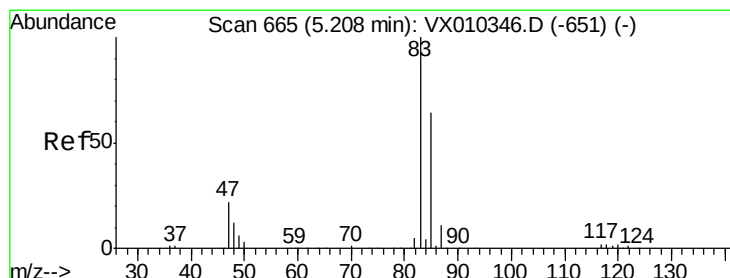
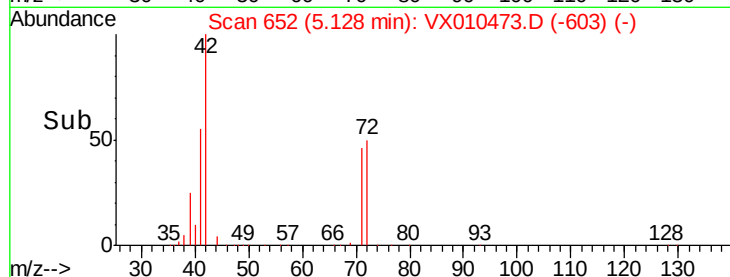
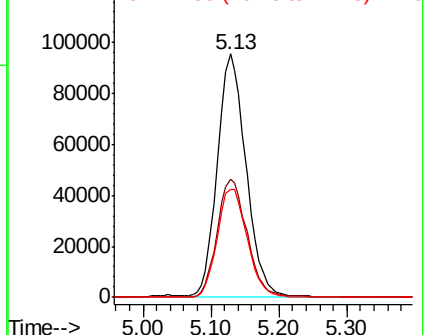
42 100

72 51.2 40.6 60.8

71 47.1 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: 50.381 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.01 min

Lab File: VX010473.D

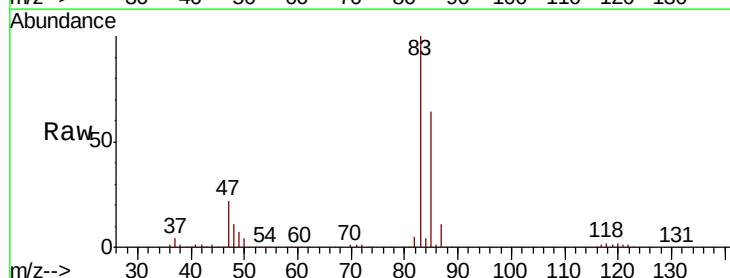
Acq: 26 Jun 2019 19:16

Tgt Ion: 83 Resp: 204300

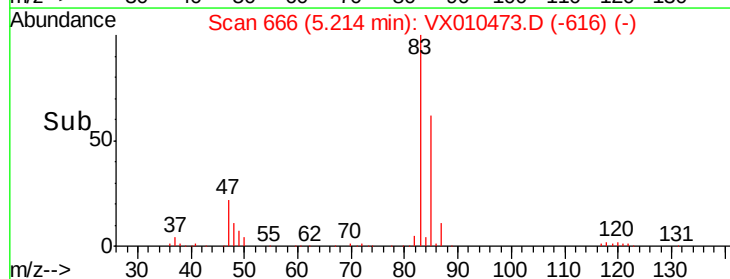
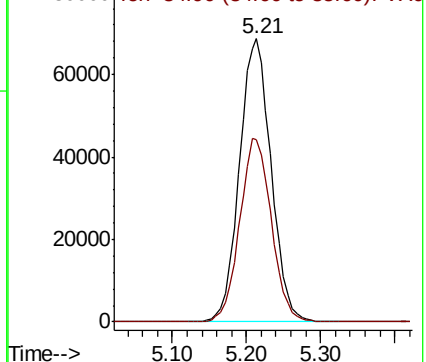
Ion Ratio Lower Upper

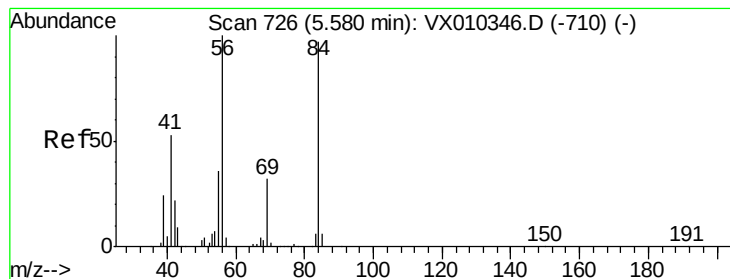
83 100

85 64.5 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: 47.737 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA\_X

ClientSampleId :

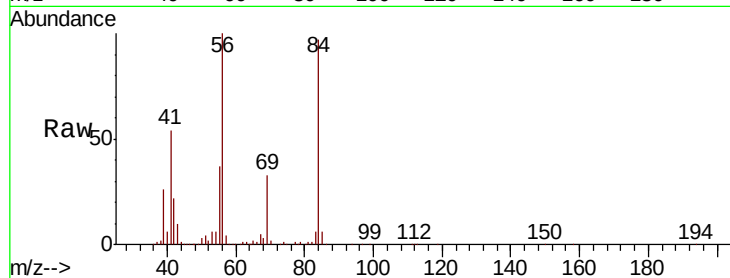
Tot Ion: 56 Resp: 163838

Ion Ratio Lower Upper

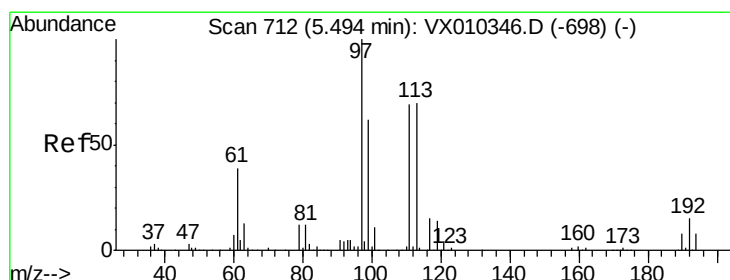
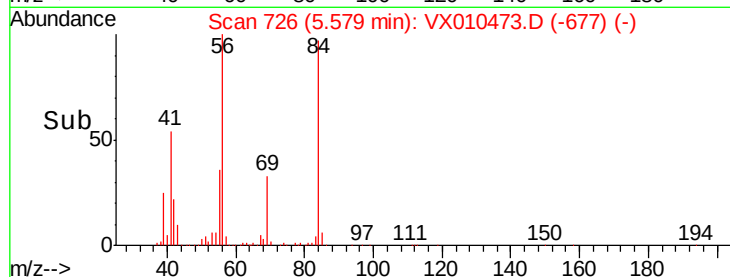
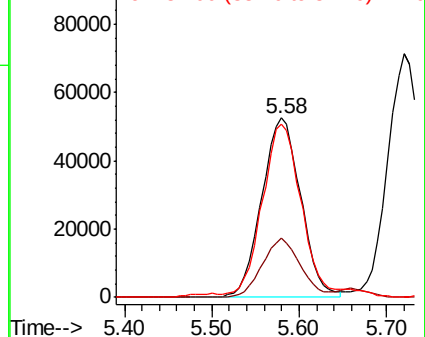
56 100

69 33.1 25.9 38.9

84 95.5 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: 50.410 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

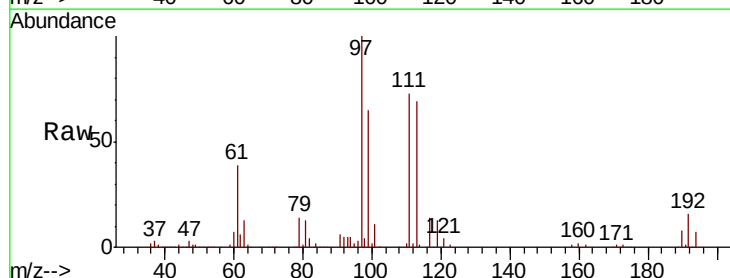
Tgt Ion: 97 Resp: 180498

Ion Ratio Lower Upper

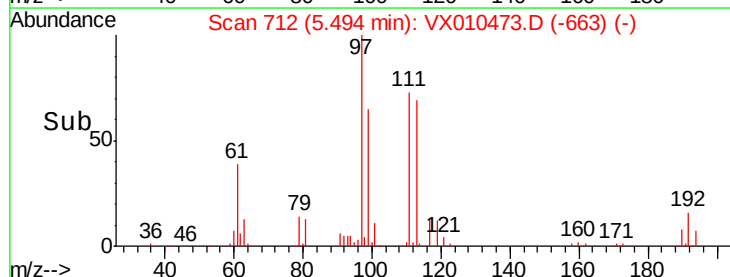
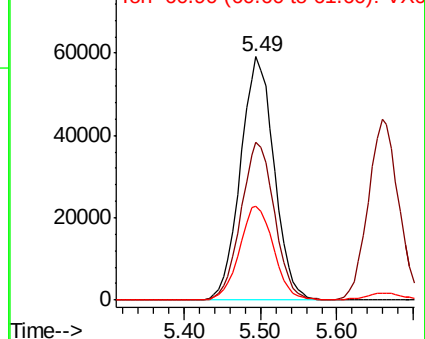
97 100

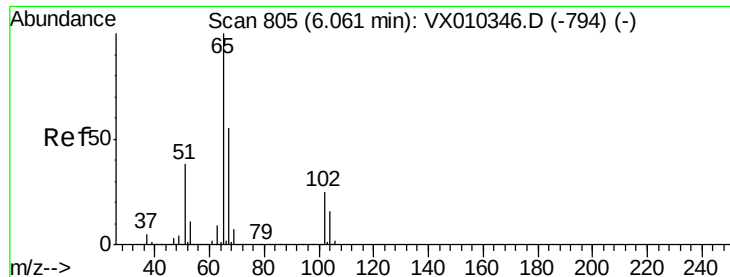
99 64.8 51.8 77.8

61 39.0 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

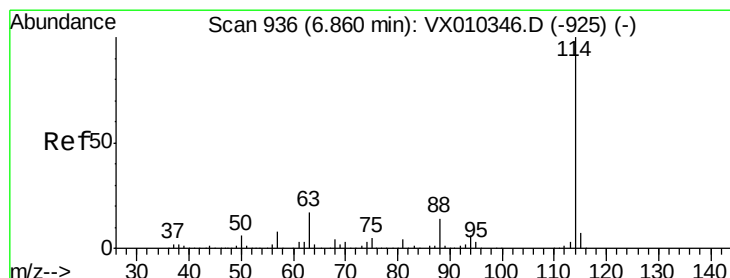
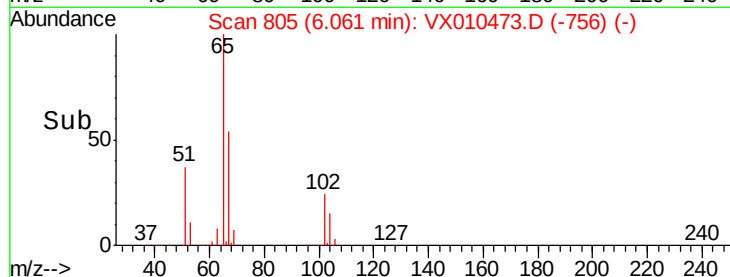
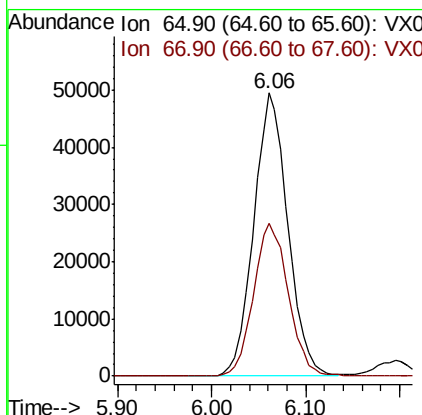
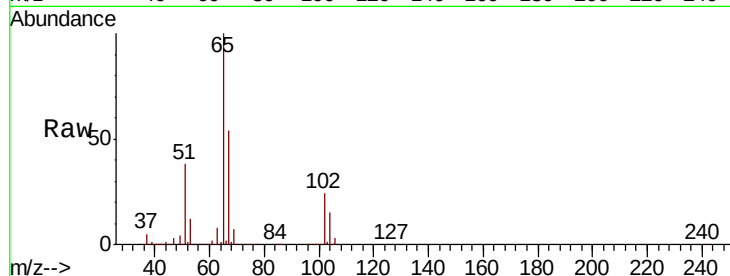




#33  
 1,2-Dichloroethane-d4  
 Concen: 52.803 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. -0.00 min  
 Lab File: VX010473.D  
 Acq: 26 Jun 2019 19:16

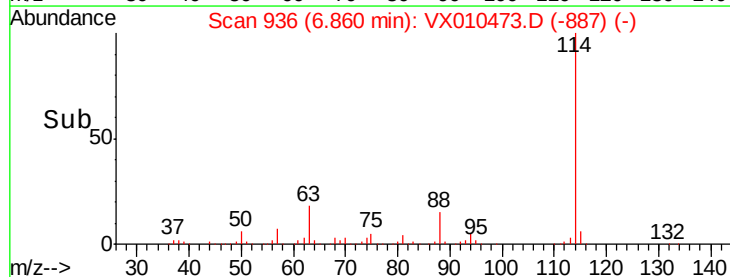
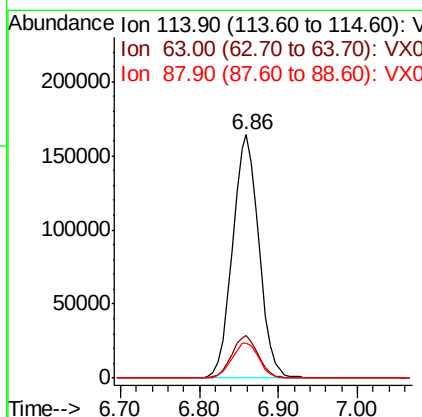
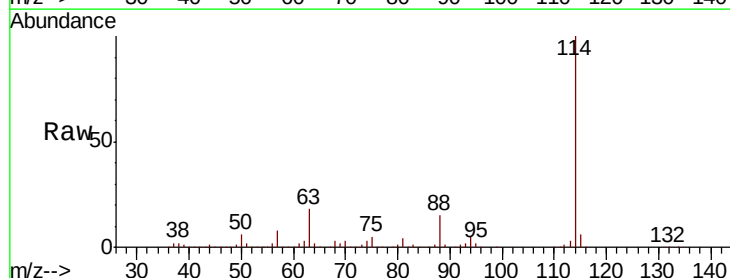
Instrument :  
 MSVOA\_X  
 ClientSampled :

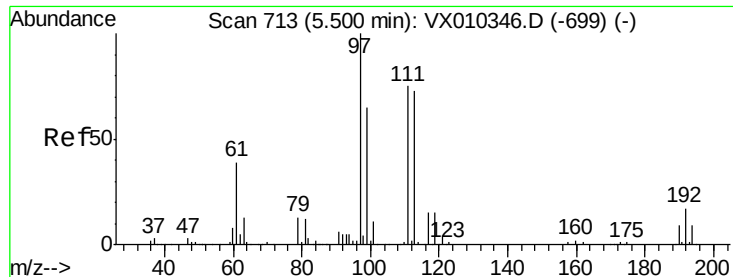
Tot Ion: 65 Resp: 125463  
 Ion Ratio Lower Upper  
 65 100  
 67 55.0 0.0 110.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX010473.D  
 Acq: 26 Jun 2019 19:16

Tgt Ion: 114 Resp: 379482  
 Ion Ratio Lower Upper  
 114 100  
 63 17.7 0.0 33.8  
 88 14.5 0.0 27.6

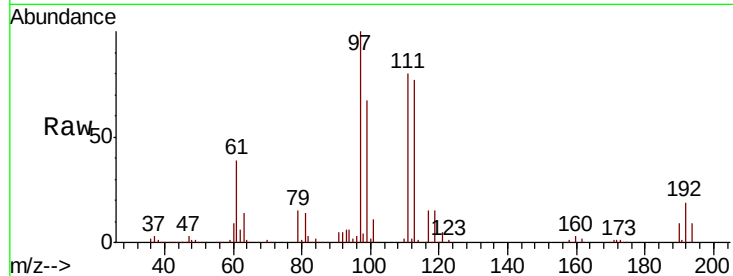




#35  
 Dibromofluoromethane  
 Concen: 53.161 ug/l  
 RT: 5.50 min Scan# 713  
 Delta R.T. -0.00 min  
 Lab File: VX010473.D  
 Acq: 26 Jun 2019 19:16

Instrument :  
 MSVOA\_X  
 ClientSampled :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 113     | 100   |       |       |
| 111     | 102.8 | 81.2  | 121.8 |
| 192     | 23.4  | 18.6  | 27.8  |

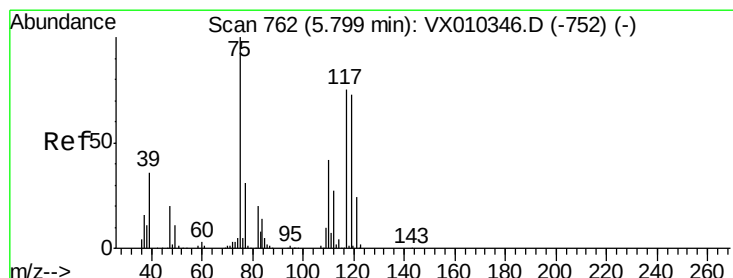
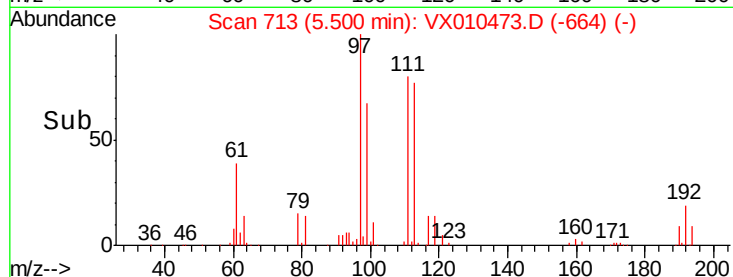
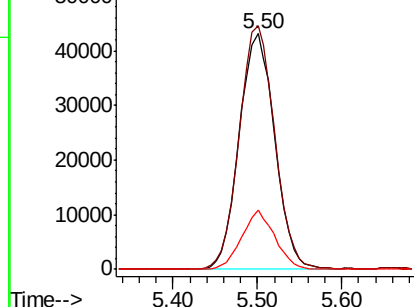


Abundance

Ion 112.80 (112.50 to 113.50): V

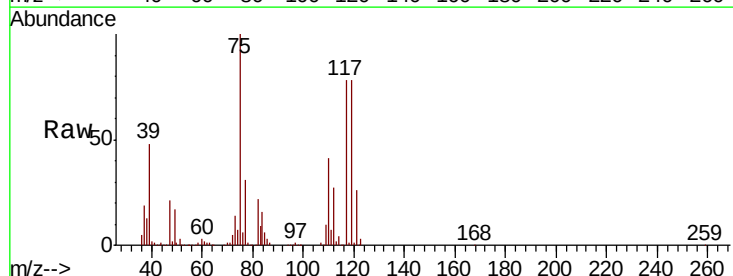
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36  
 1,1-Dichloropropene  
 Concen: 47.549 ug/l  
 RT: 5.80 min Scan# 762  
 Delta R.T. -0.00 min  
 Lab File: VX010473.D  
 Acq: 26 Jun 2019 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 75      | 100   |       |       |
| 110     | 41.1  | 20.8  | 62.2  |
| 77      | 32.0  | 25.4  | 38.0  |

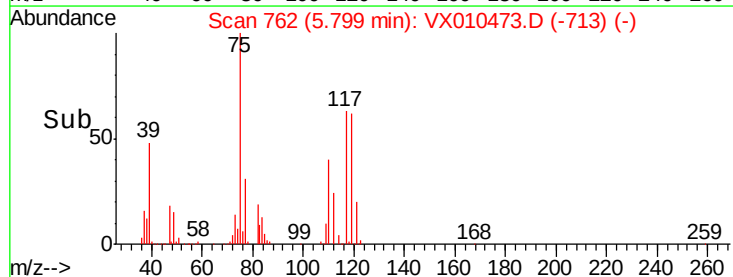
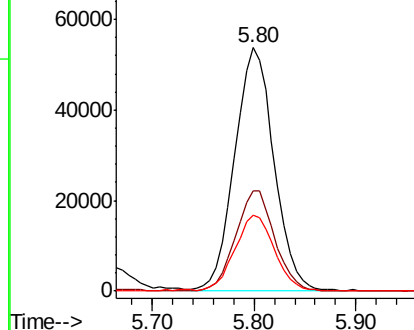


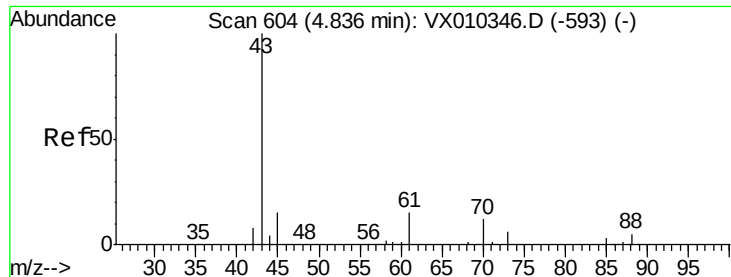
Abundance

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: 48.474 ug/l

RT: 4.83 min Scan# 603

Delta R.T. -0.01 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA\_X

ClientSampleId :

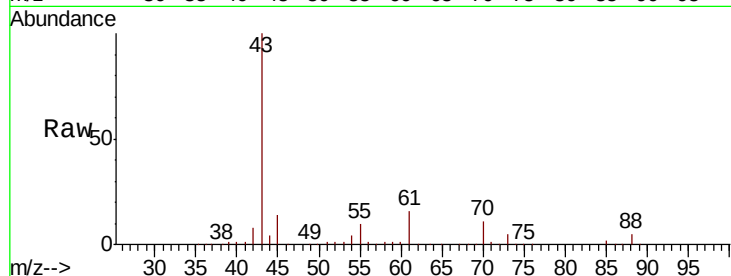
Tot Ion: 43 Resp: 150381

Ion Ratio Lower Upper

43 100

61 15.4 12.4 18.6

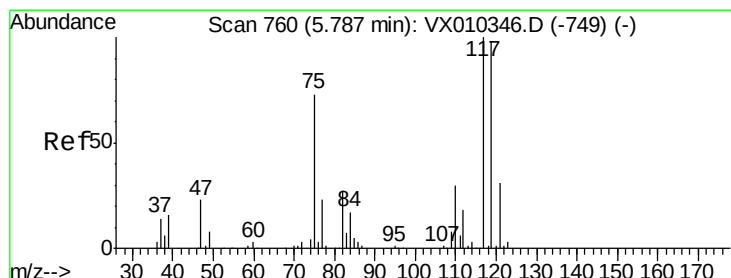
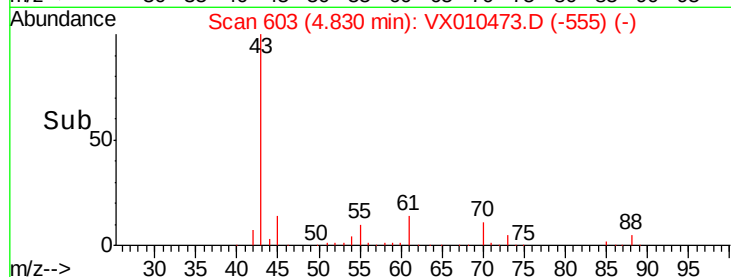
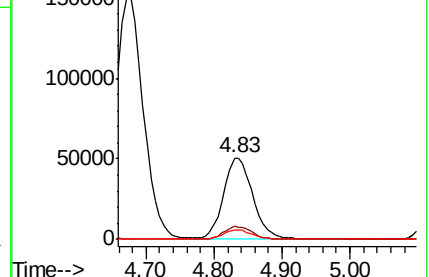
70 12.0 9.8 14.8



Abundance Ion 43.00 (42.70 to 43.70): VX010346.D (-593) (-)

Ion 60.90 (60.60 to 61.60): VX010346.D (-593) (-)

Ion 70.00 (69.70 to 70.70): VX010346.D (-593) (-)



#38

Carbon Tetrachloride

Concen: 48.693 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

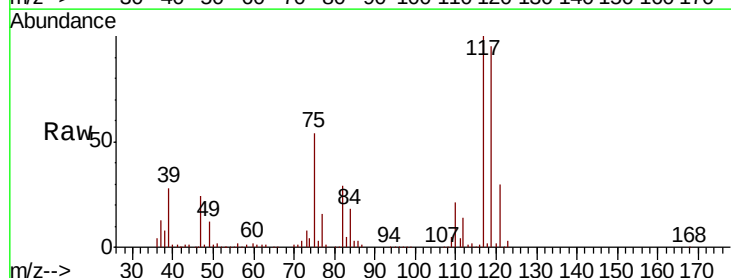
Tgt Ion: 117 Resp: 159004

Ion Ratio Lower Upper

117 100

119 94.7 78.2 117.4

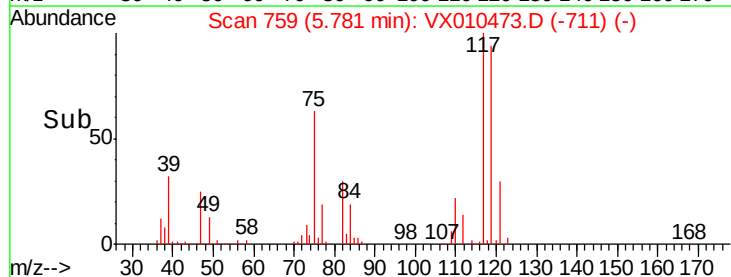
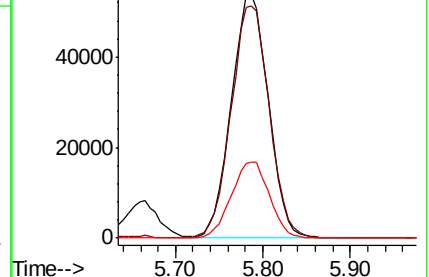
121 30.4 24.7 37.1

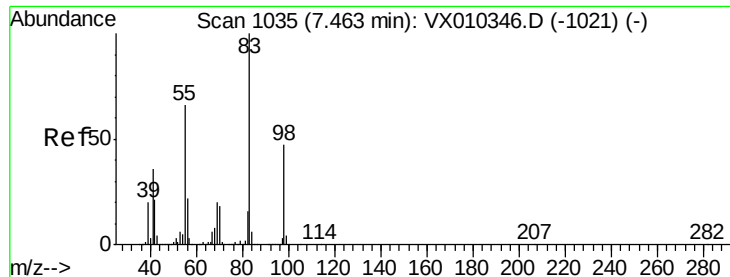


Abundance Ion 116.80 (116.50 to 117.50): VX010346.D (-749) (-)

Ion 118.80 (118.50 to 119.50): VX010346.D (-749) (-)

Ion 120.80 (120.50 to 121.50): VX010346.D (-749) (-)

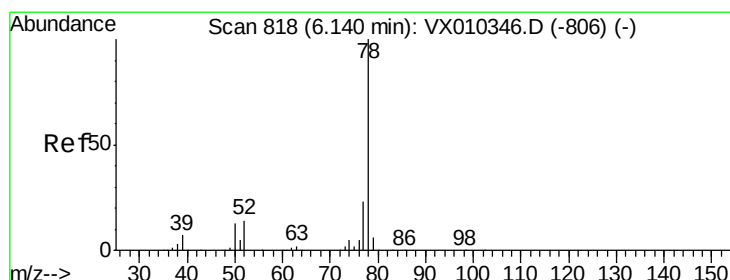
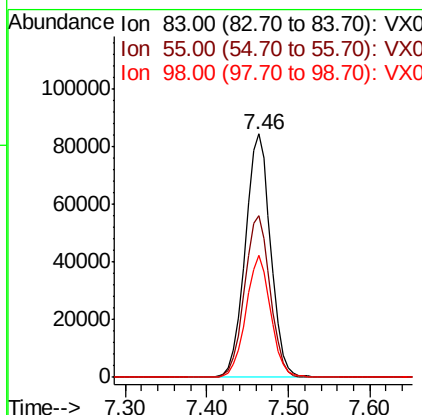
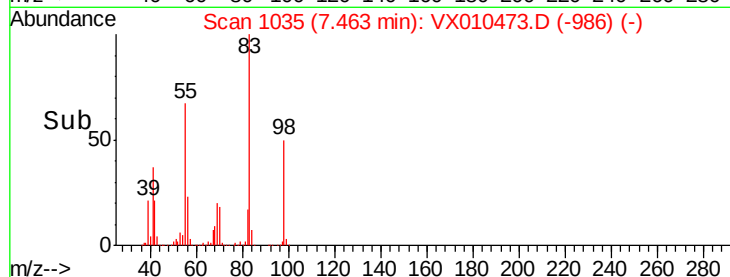
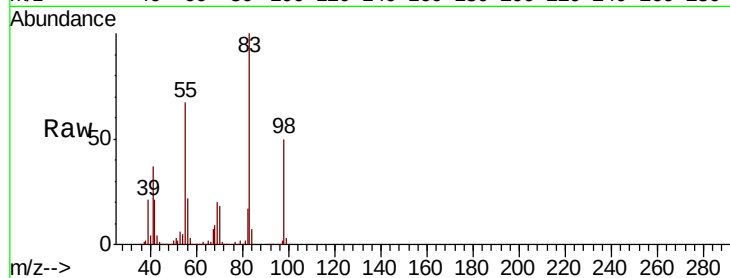




#39  
Methylvlcyclohexane  
Concen: 45.939 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

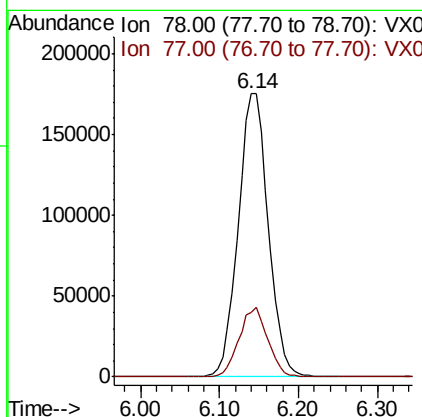
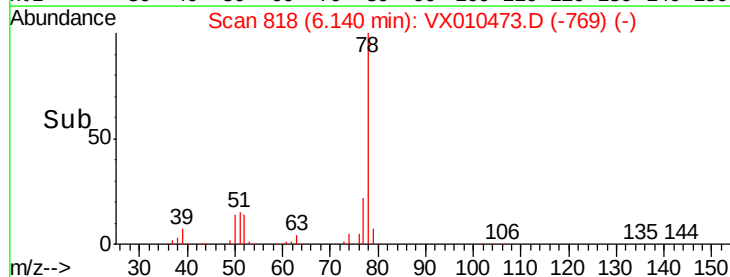
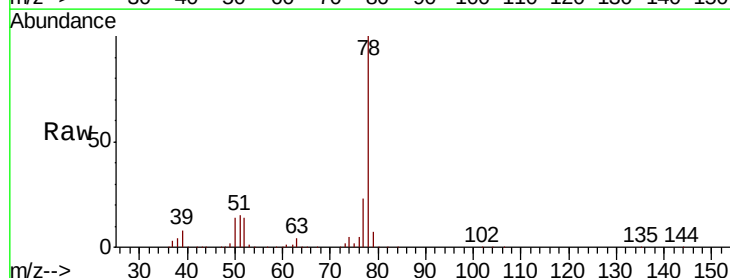
Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 66.4  | 53.0  | 79.6  |
| 98      | 49.9  | 37.8  | 56.8  |

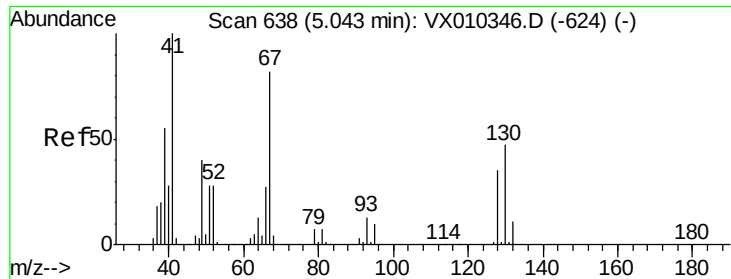


#40  
Benzene  
Concen: 49.368 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 22.9  | 18.6  | 28.0  |







#41

Methacrylonitrile

Concen: 51.095 ug/l

RT: 5.04 min Scan# 638

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA\_X

ClientSampleId :

Tot Ion: 41 Resp: 86973

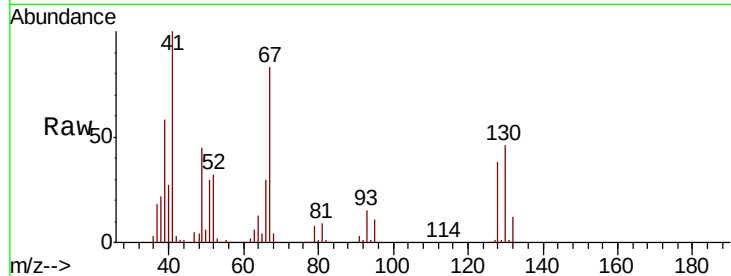
Ion Ratio Lower Upper

41 100

39 54.8 43.8 65.8

67 83.1 66.6 100.0

52 32.2 24.5 36.7

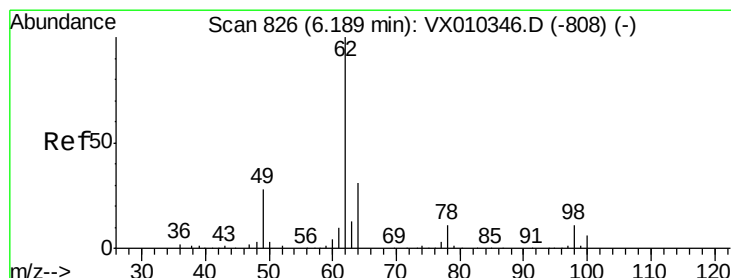
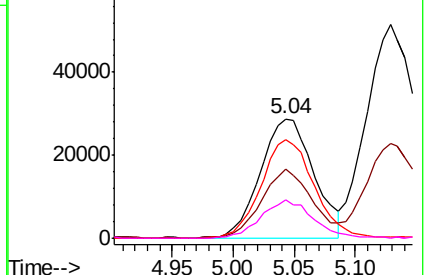
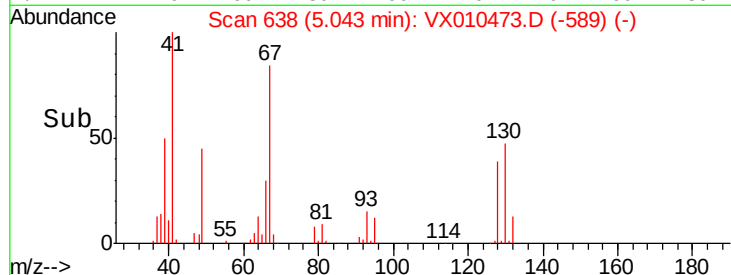


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 51.668 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.01 min

Lab File: VX010473.D

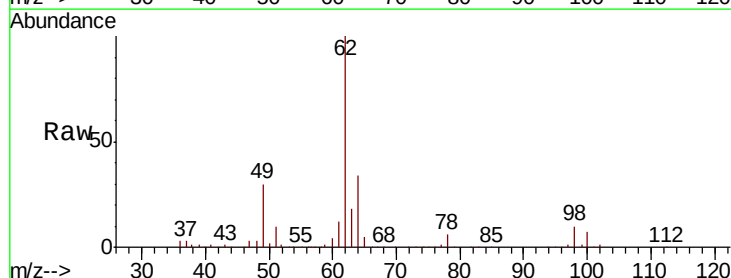
Acq: 26 Jun 2019 19:16

Tgt Ion: 62 Resp: 147761

Ion Ratio Lower Upper

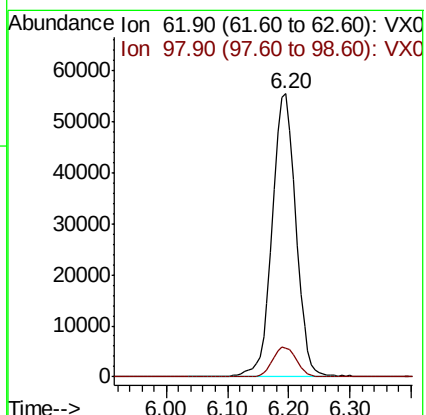
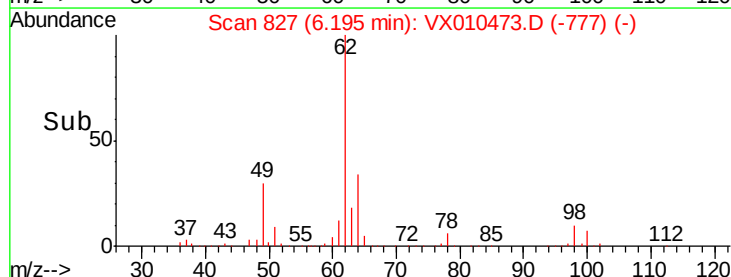
62 100

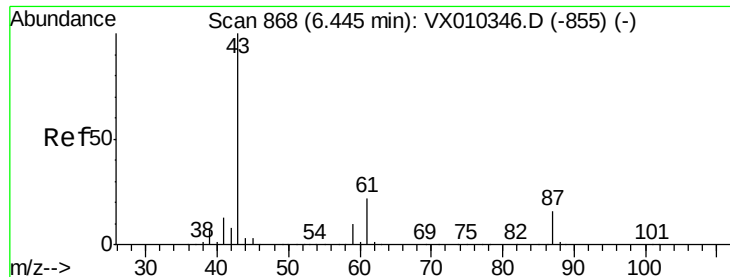
98 10.7 0.0 22.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 48.919 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA\_X

ClientSampled :

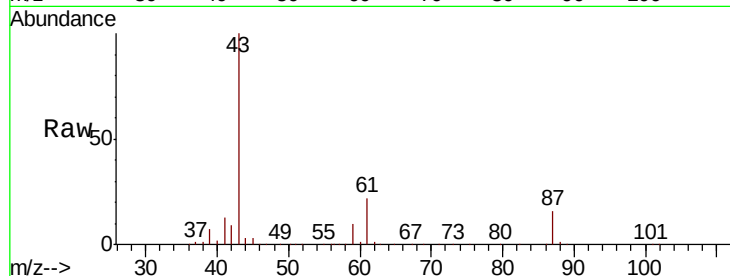
Tot Ion: 43 Resp: 251085

Ion Ratio Lower Upper

43 100

61 22.0 17.8 26.6

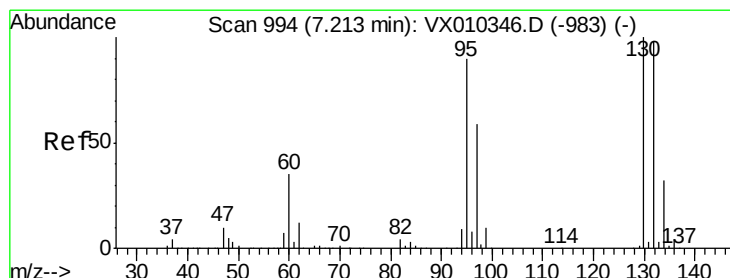
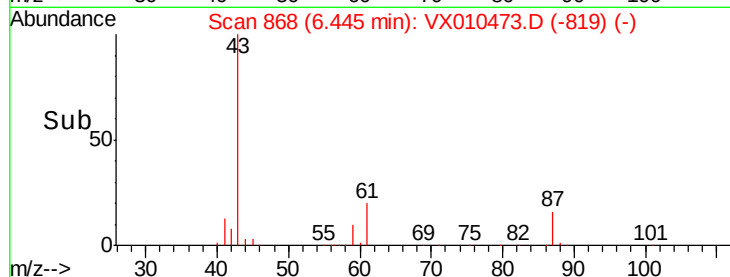
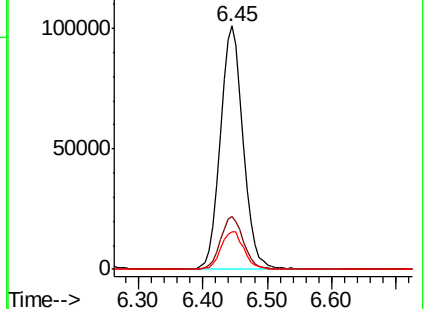
87 15.7 13.0 19.4



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: 48.891 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX010473.D

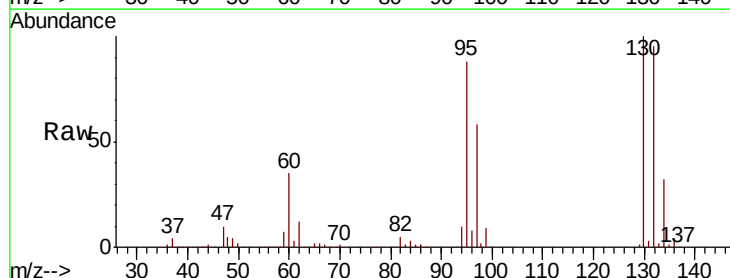
Acq: 26 Jun 2019 19:16

Tgt Ion:130 Resp: 137443

Ion Ratio Lower Upper

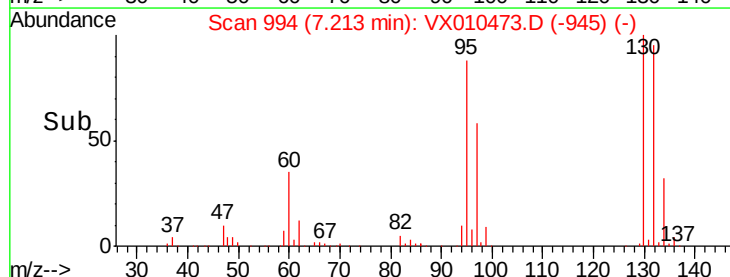
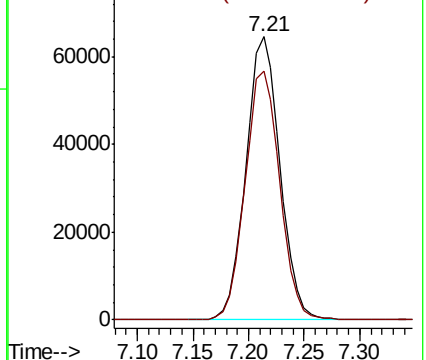
130 100

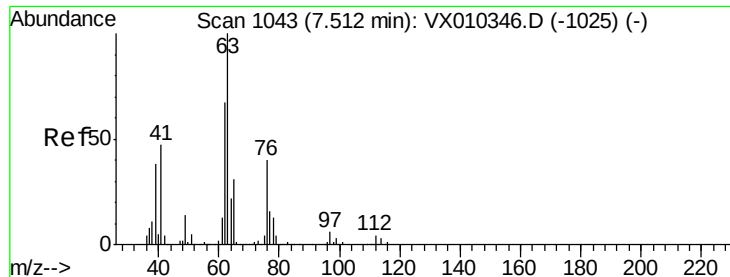
95 88.1 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

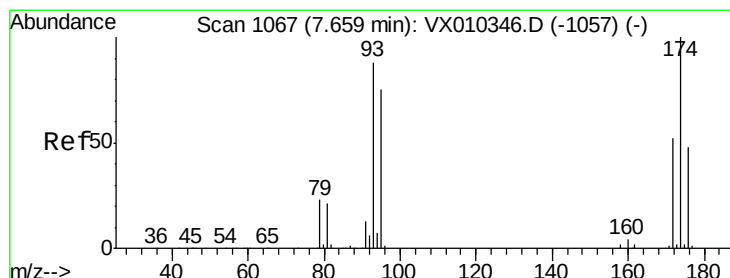
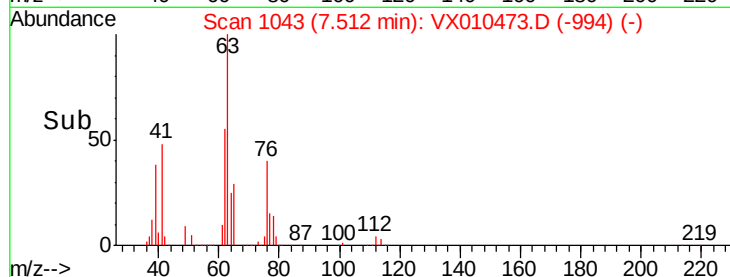
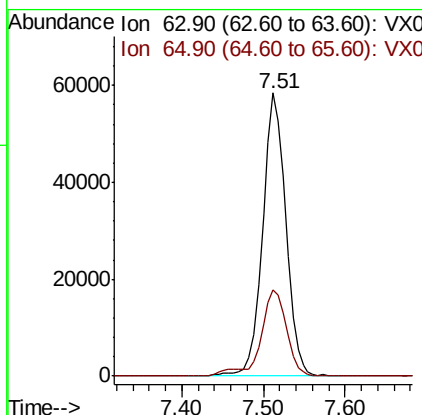
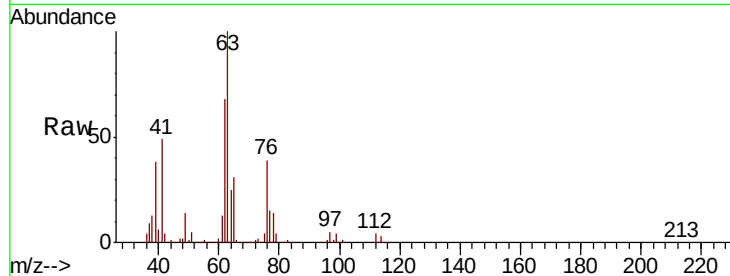




#45  
 1,2-Dichloropropane  
 Concen: 49.012 ug/l  
 RT: 7.51 min Scan# 1043  
 Delta R.T. -0.00 min  
 Lab File: VX010473.D  
 Acq: 26 Jun 2019 19:16

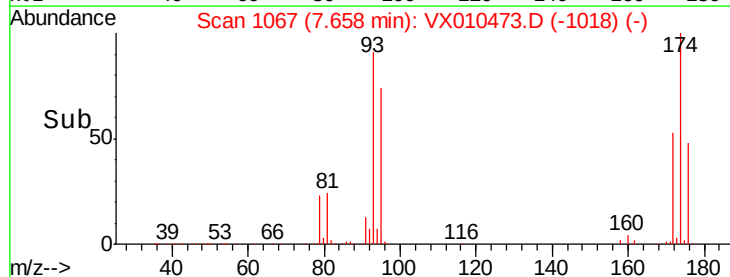
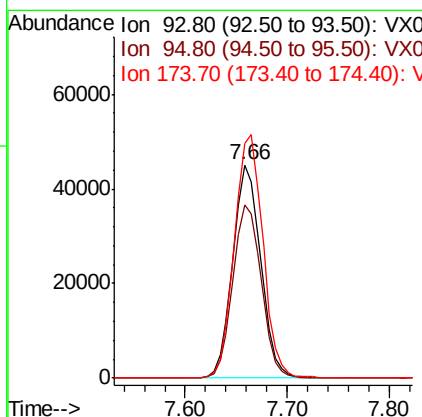
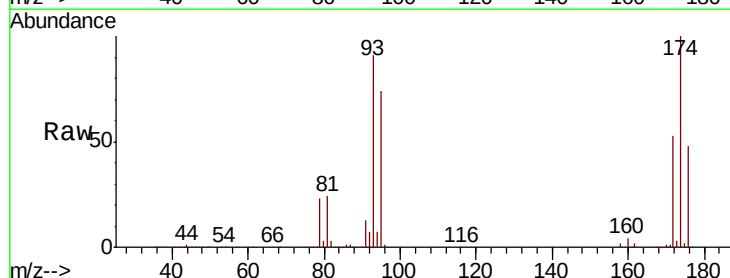
Instrument :  
 MSVOA\_X  
 ClientSampleId :

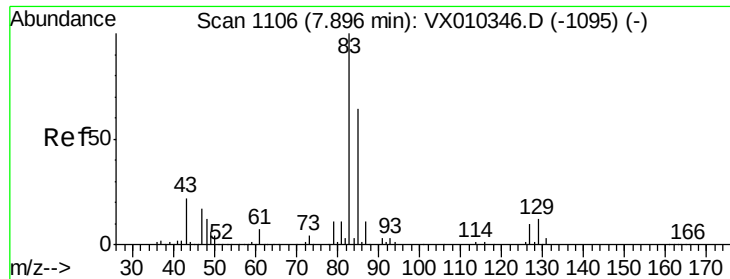
Tot Ion: 63 Resp: 116281  
 Ion Ratio Lower Upper  
 63 100  
 65 30.6 24.8 37.2



#46  
 Dibromomethane  
 Concen: 50.198 ug/l  
 RT: 7.66 min Scan# 1067  
 Delta R.T. -0.00 min  
 Lab File: VX010473.D  
 Acq: 26 Jun 2019 19:16

Tgt Ion: 93 Resp: 85447  
 Ion Ratio Lower Upper  
 93 100  
 95 83.2 67.5 101.3  
 174 116.9 95.8 143.6





#47

Bromodichloromethane

Concen: 50.366 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA\_X

ClientSampled :

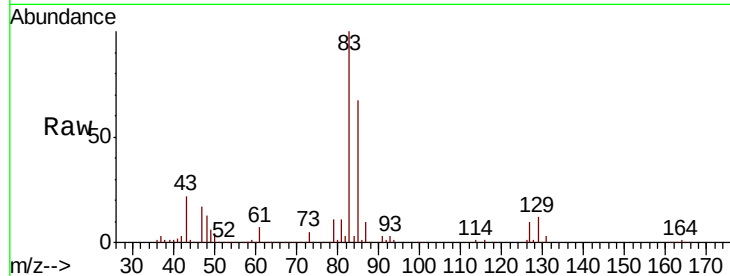
Tot Ion: 83 Resp: 157115

Ion Ratio Lower Upper

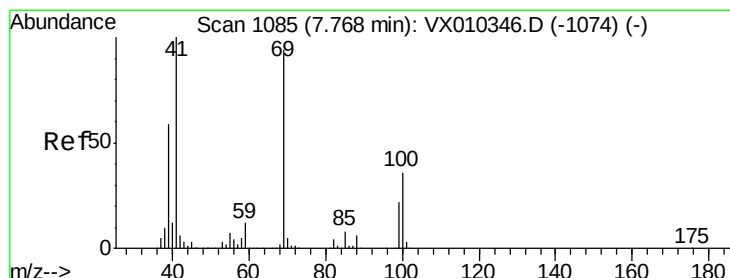
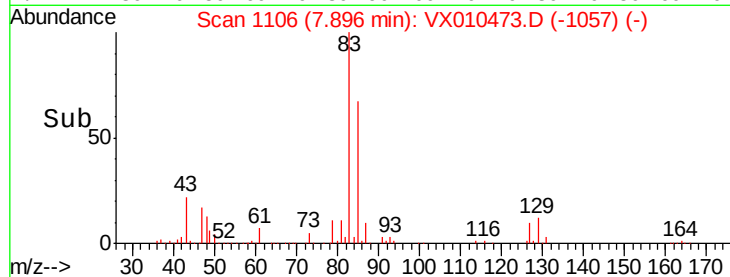
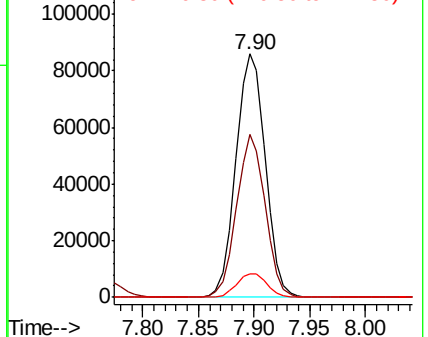
83 100

85 67.0 51.5 77.3

127 9.6 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: 52.597 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

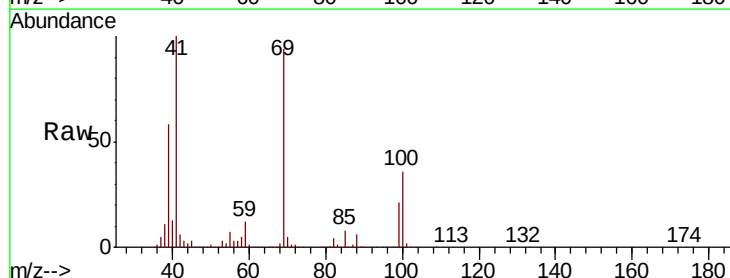
Tgt Ion: 41 Resp: 125483

Ion Ratio Lower Upper

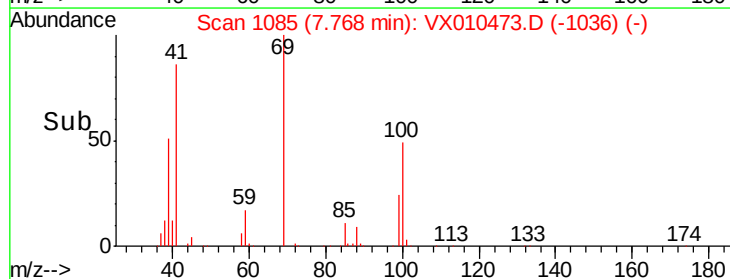
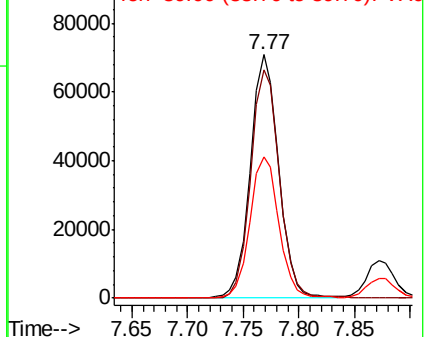
41 100

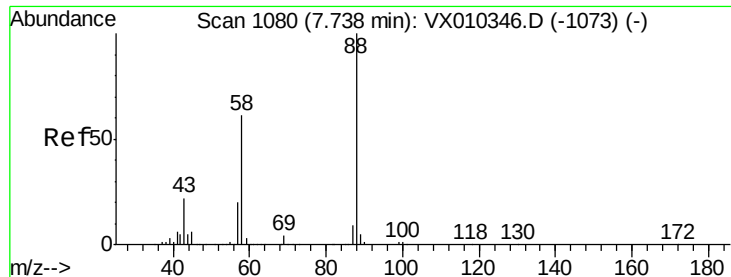
69 95.5 76.1 114.1

39 59.1 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

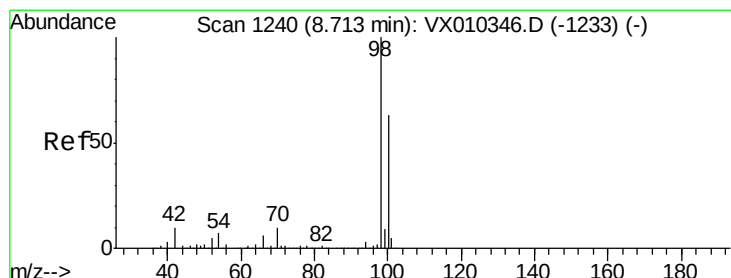
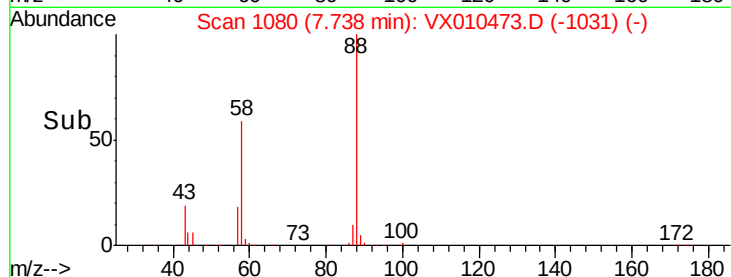
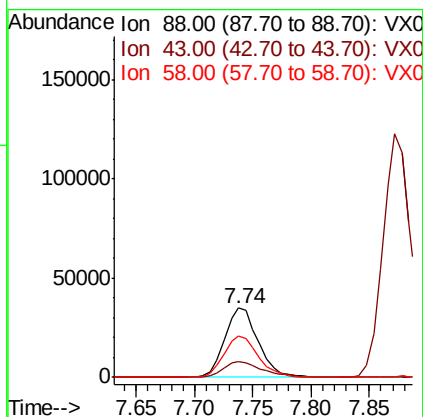
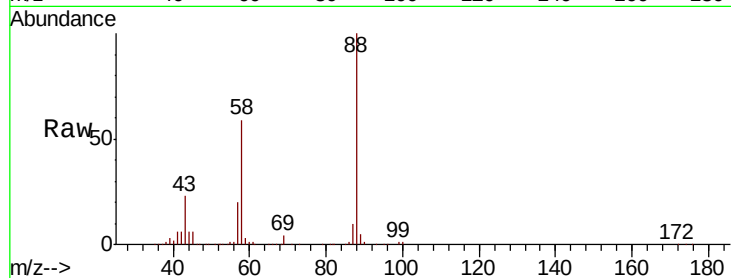




#49  
1,4-Dioxane  
Concen: 1003.749 ug/l  
RT: 7.74 min Scan# 1080  
Delta R.T. -0.00 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

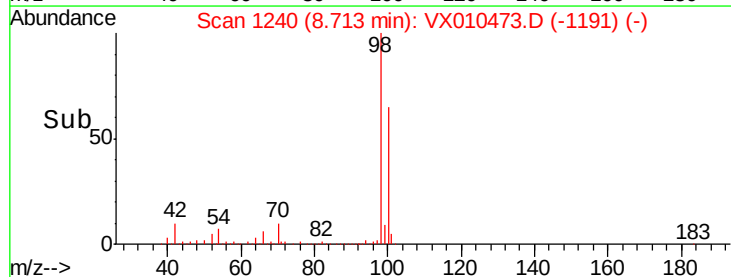
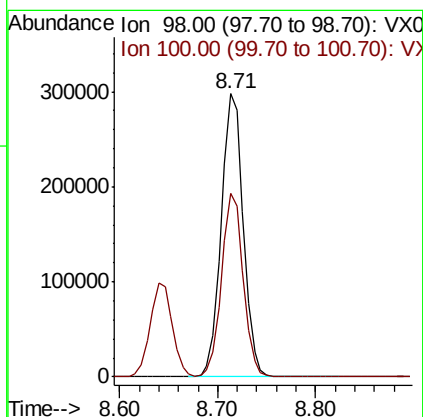
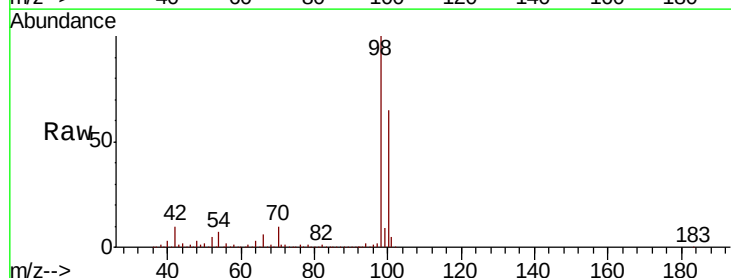
Instrument :  
MSVOA\_X  
ClientSampleId :

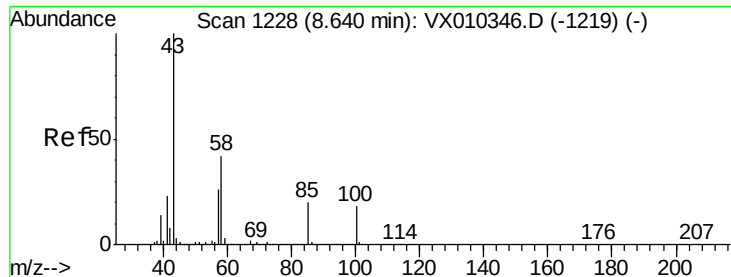
| Tot Ion | 88    | Resp  | 68985 |
|---------|-------|-------|-------|
| Ion     | Ratio | Lower | Upper |
| 88      | 100   |       |       |
| 43      | 26.6  | 20.2  | 30.2  |
| 58      | 61.3  | 49.5  | 74.3  |



#50  
Toluene-d8  
Concen: 52.260 ug/l  
RT: 8.71 min Scan# 1240  
Delta R.T. -0.00 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

| Tgt Ion | 98    | Resp  | 464215 |
|---------|-------|-------|--------|
| Ion     | Ratio | Lower | Upper  |
| 98      | 100   |       |        |
| 100     | 63.9  | 51.6  | 77.4   |

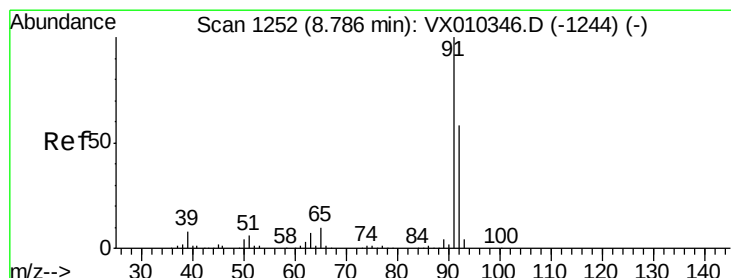
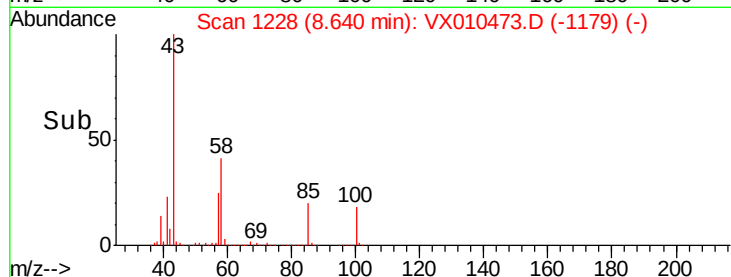
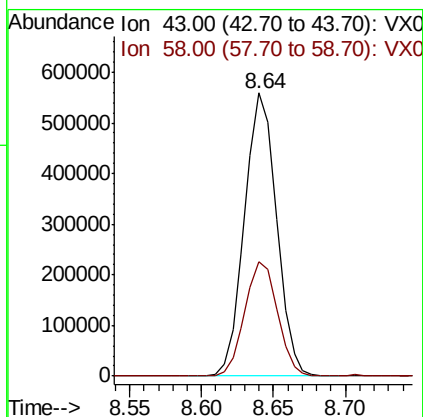
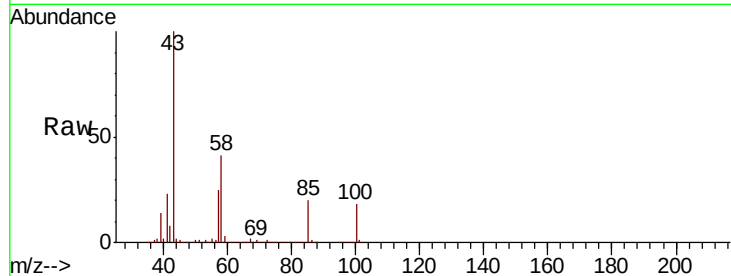




#51  
4-Methyl-2-Pentanone  
Concen: 262.739 ug/l  
RT: 8.64 min Scan# 1228  
Delta R.T. -0.00 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

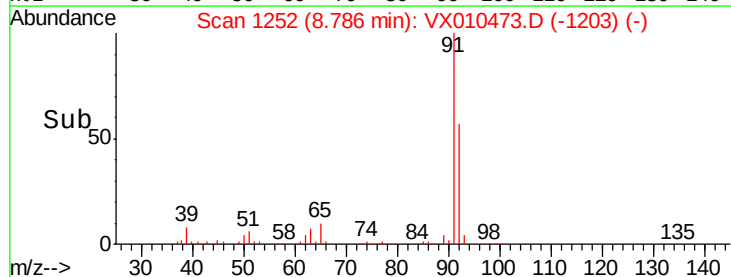
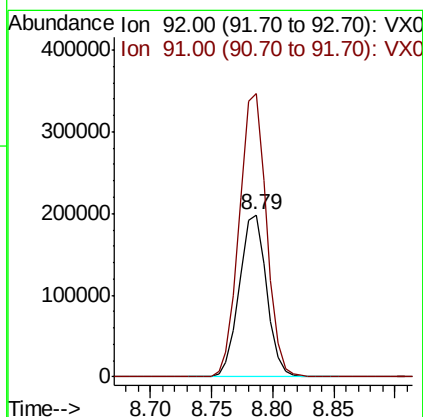
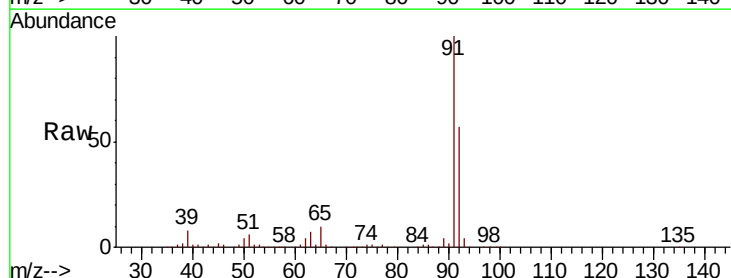
Instrument :  
MSVOA\_X  
ClientSampleId :

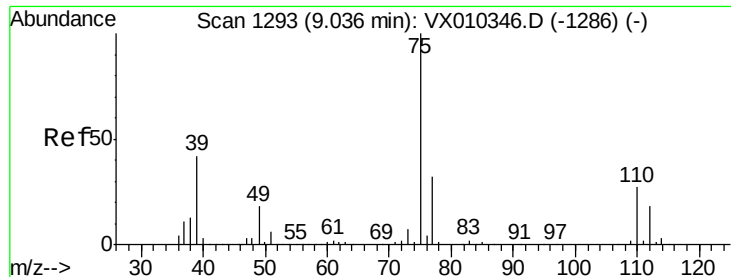
Tot Ion: 43 Resp: 862488  
Ion Ratio Lower Upper  
43 100  
58 41.3 33.5 50.3



#52  
Toluene  
Concen: 49.573 ug/l  
RT: 8.79 min Scan# 1252  
Delta R.T. -0.00 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

Tgt Ion: 92 Resp: 306706  
Ion Ratio Lower Upper  
92 100  
91 173.9 139.8 209.6

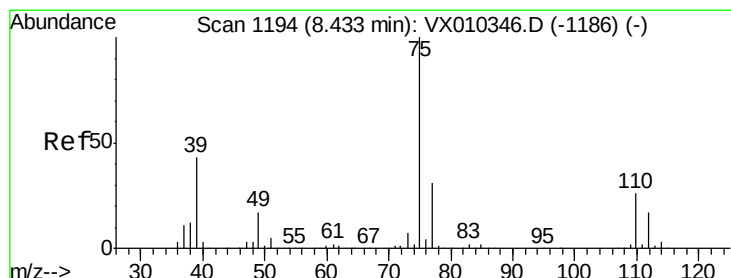
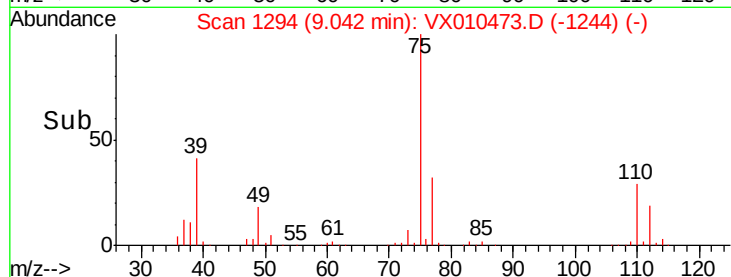
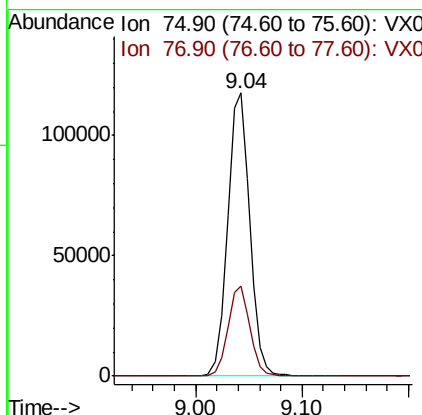
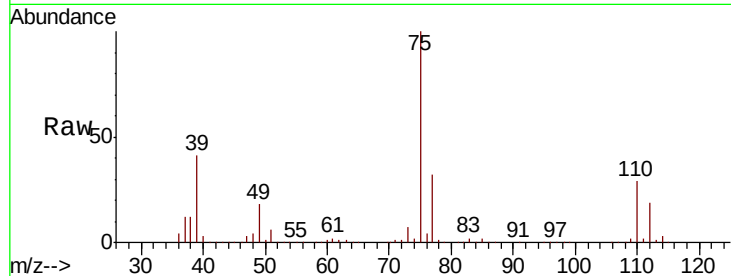




#53  
 t-1,3-Dichloropropene  
 Concen: 48.954 ug/l  
 RT: 9.04 min Scan# 1294  
 Delta R.T. 0.01 min  
 Lab File: VX010473.D  
 Acq: 26 Jun 2019 19:16

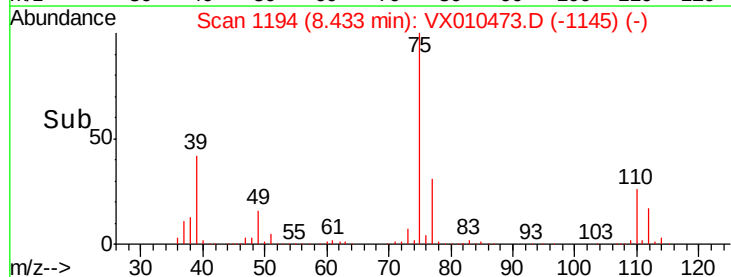
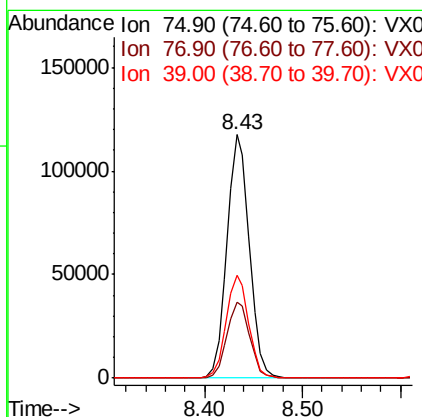
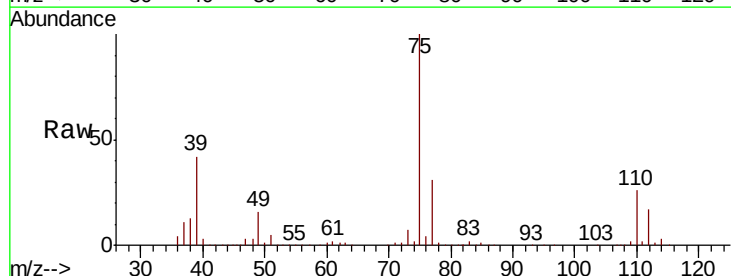
Instrument :  
 MSVOA\_X  
 ClientSampleId :

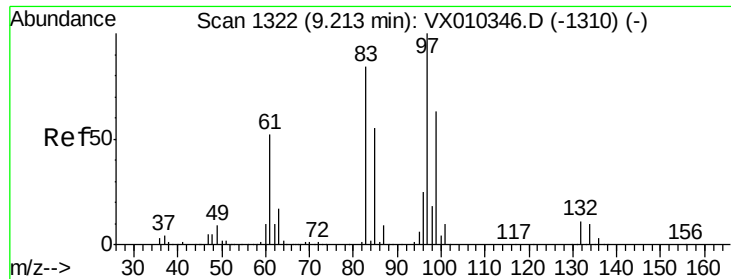
Tot Ion: 75 Resp: 171210  
 Ion Ratio Lower Upper  
 75 100  
 77 31.6 25.4 38.2



#54  
 cis-1,3-Dichloropropene  
 Concen: 48.905 ug/l  
 RT: 8.43 min Scan# 1194  
 Delta R.T. -0.00 min  
 Lab File: VX010473.D  
 Acq: 26 Jun 2019 19:16

Tgt Ion: 75 Resp: 185872  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 25.2 37.8  
 39 42.3 34.5 51.7





#55

1,1,2-Trichloroethane

Concen: 51.170 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA\_X

ClientSampled :

Tot Ion: 97 Resp: 130567

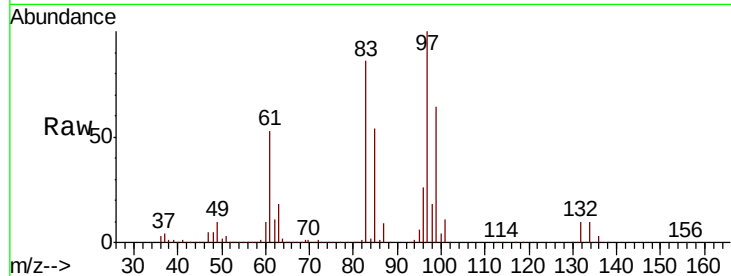
Ion Ratio Lower Upper

97 100

83 85.6 67.4 101.0

85 54.1 43.8 65.8

99 64.3 50.3 75.5

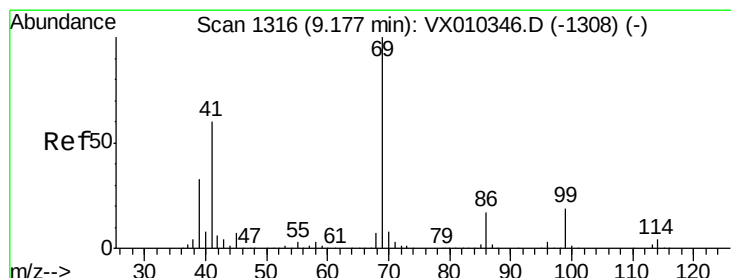
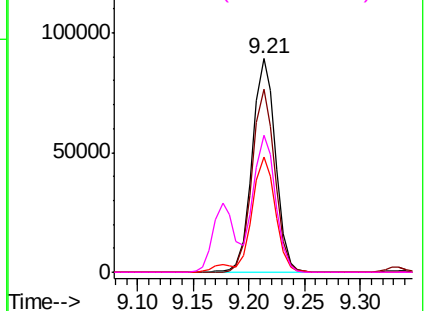
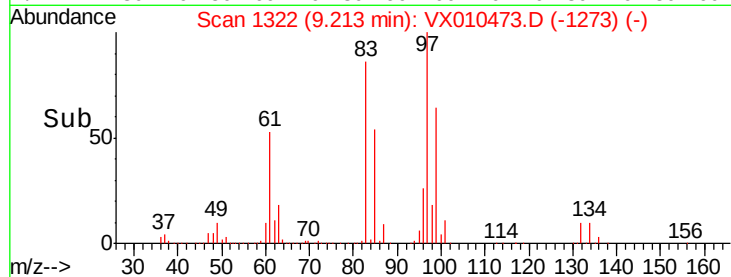


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 51.032 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

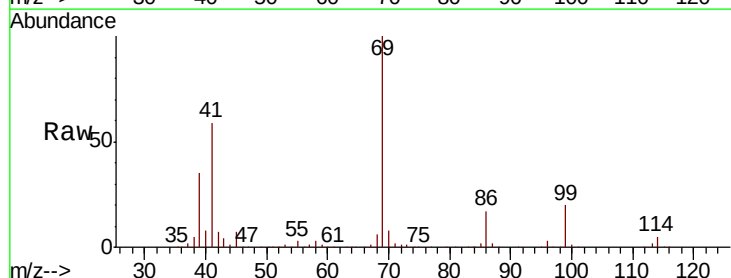
Tgt Ion: 69 Resp: 197257

Ion Ratio Lower Upper

69 100

41 59.5 47.1 70.7

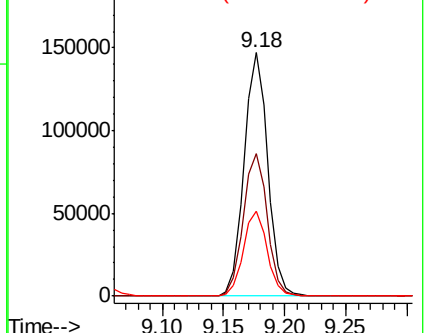
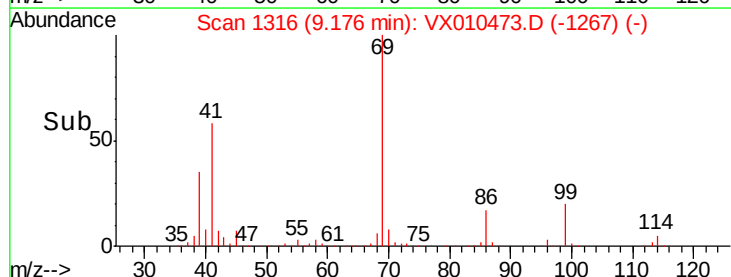
39 35.3 26.6 40.0



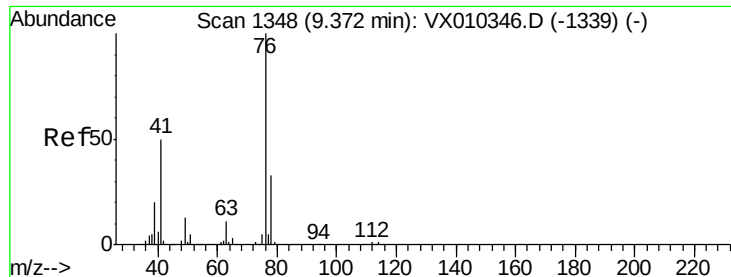
Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



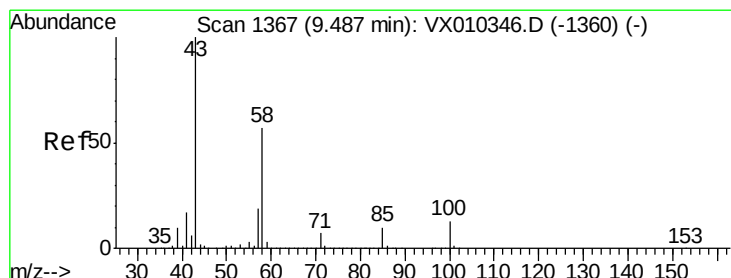
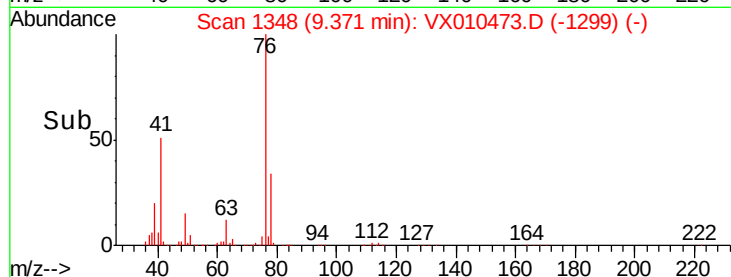
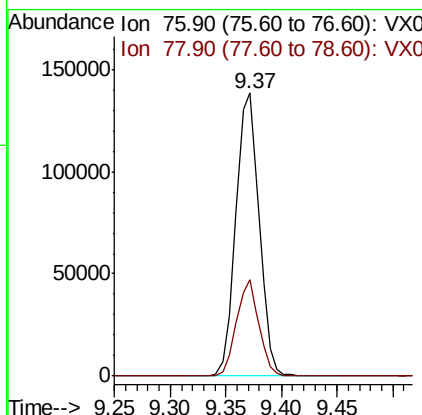
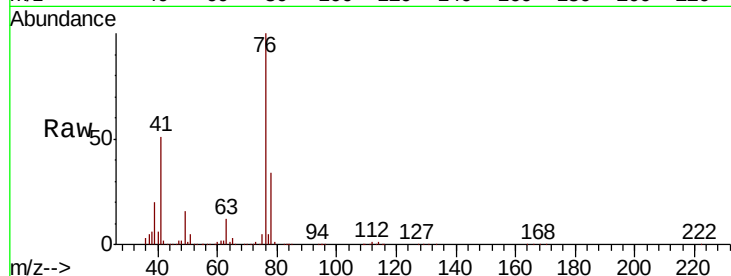




#57  
 1,3-Dichloropropane  
 Concen: 50.683 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. -0.00 min  
 Lab File: VX010473.D  
 Acq: 26 Jun 2019 19:16

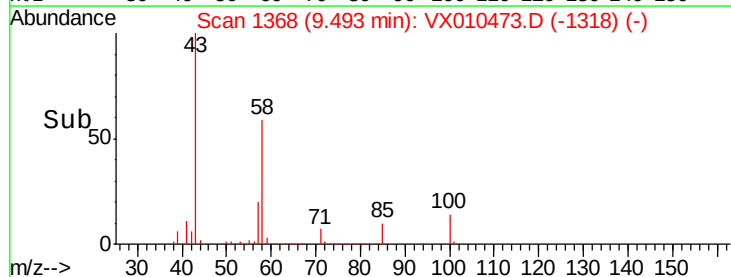
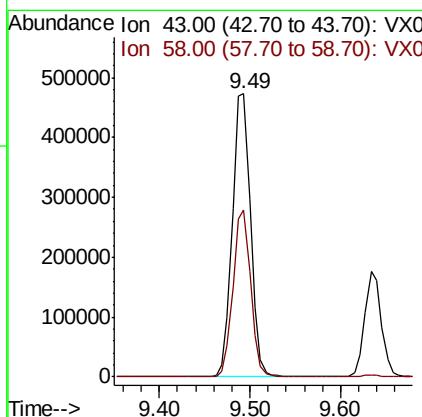
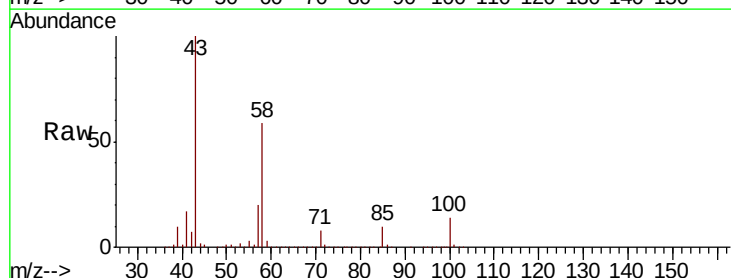
Instrument :  
 MSVOA\_X  
 ClientSampleId :

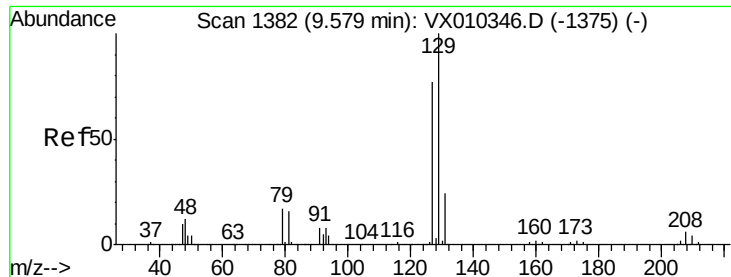
Tot Ion: 76 Resp: 200750  
 Ion Ratio Lower Upper  
 76 100  
 78 32.6 26.1 39.1



#59  
 2-Hexanone  
 Concen: 255.584 ug/l  
 RT: 9.49 min Scan# 1368  
 Delta R.T. 0.01 min  
 Lab File: VX010473.D  
 Acq: 26 Jun 2019 19:16

Tgt Ion: 43 Resp: 660324  
 Ion Ratio Lower Upper  
 43 100  
 58 57.3 29.0 87.1





#60

Dibromochloromethane

Concen: 50.920 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

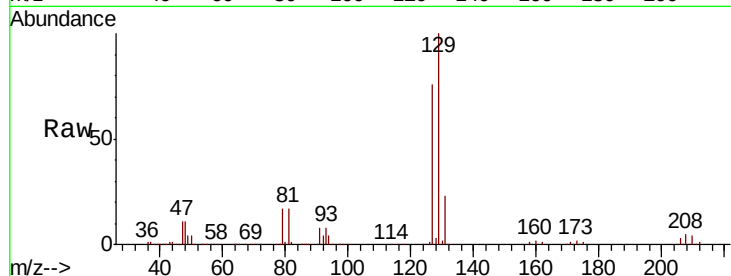
Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion:129 Resp: 145476

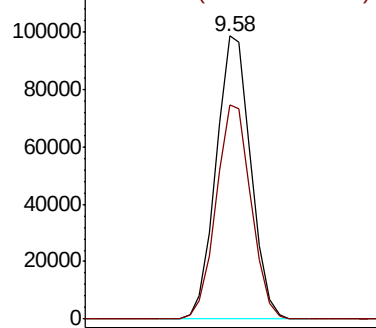
Ion Ratio Lower Upper

129 100

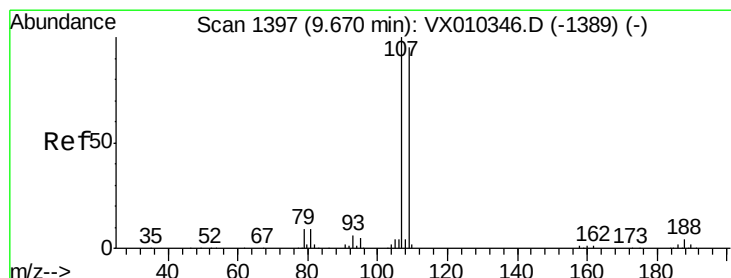
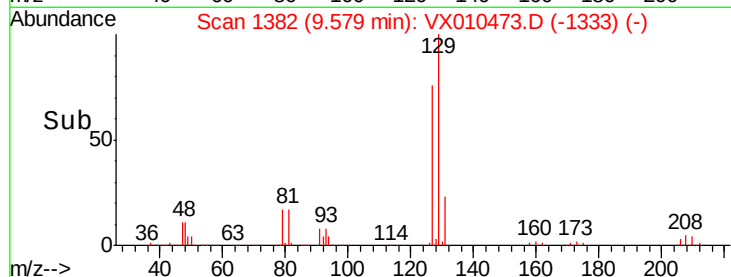
127 76.4 38.4 115.1



Abundance Ion 128.80 (128.50 to 129.50): V  
Ion 126.80 (126.50 to 127.50): V



Time--> 9.50 9.55 9.60 9.65



#61

1,2-Dibromoethane

Concen: 50.664 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010473.D

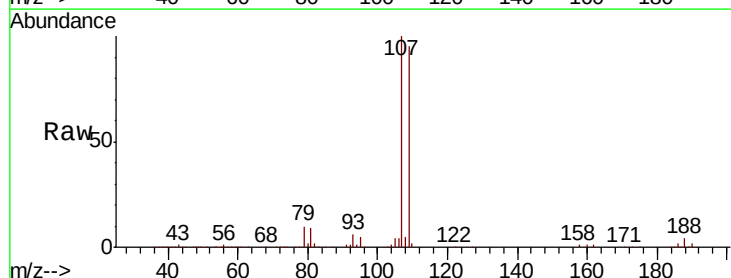
Acq: 26 Jun 2019 19:16

Tgt Ion:107 Resp: 139536

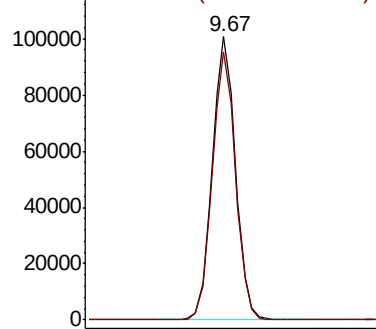
Ion Ratio Lower Upper

107 100

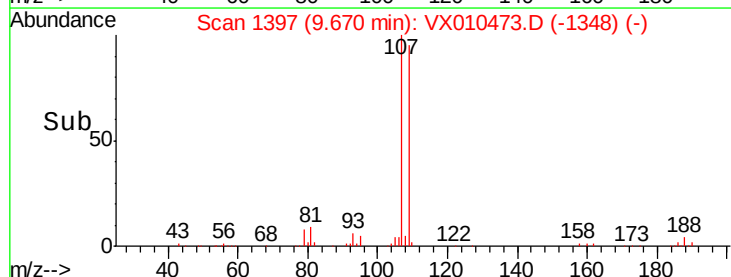
109 94.9 75.8 113.6

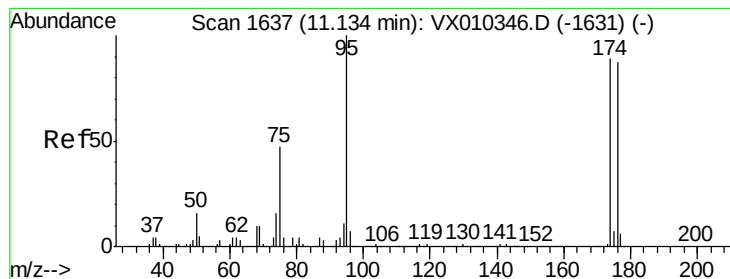


Abundance Ion 106.90 (106.60 to 107.60): V  
Ion 108.80 (108.50 to 109.50): V



Time--> 9.60 9.65 9.70 9.75





#62

4-Bromofluorobenzene

Concen: 51.982 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA\_X

ClientSampleId :

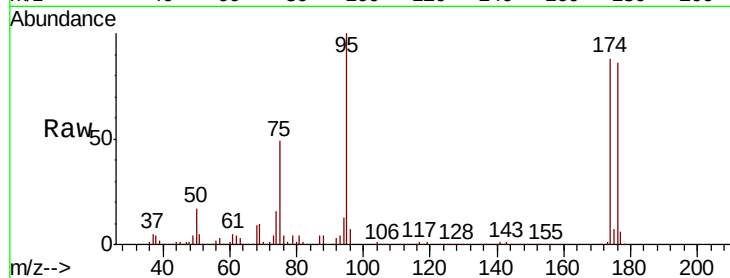
Tot Ion: 95 Resp: 166703

Ion Ratio Lower Upper

95 100

174 95.2 0.0 187.6

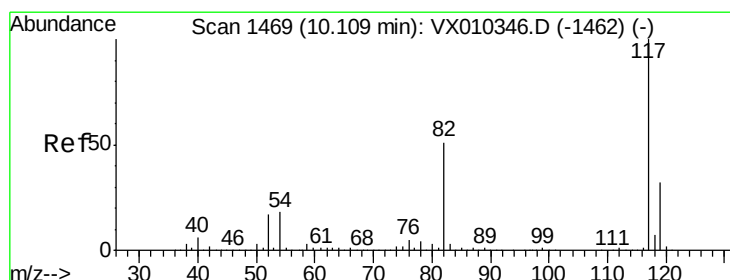
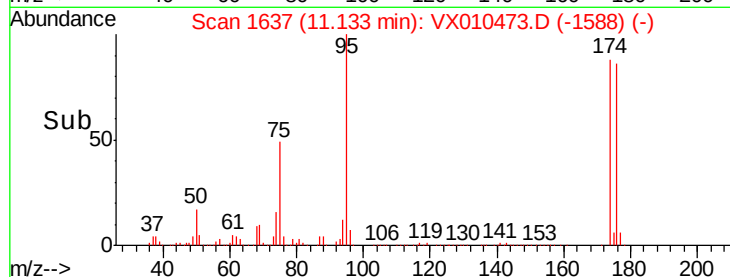
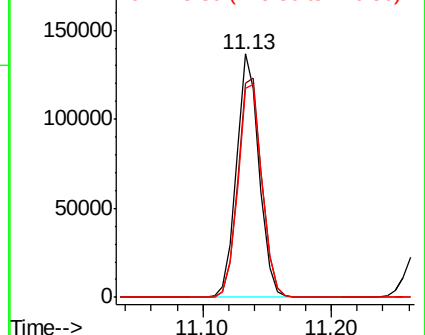
176 93.0 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

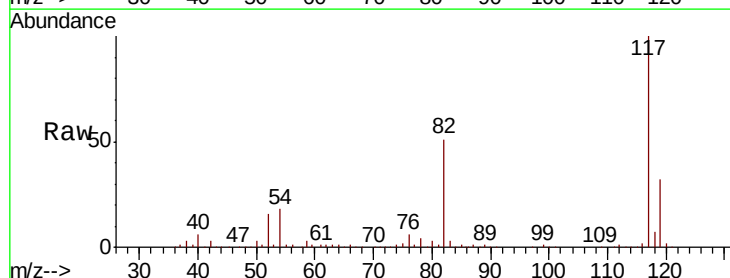
Tgt Ion: 117 Resp: 352168

Ion Ratio Lower Upper

117 100

82 50.7 41.2 61.8

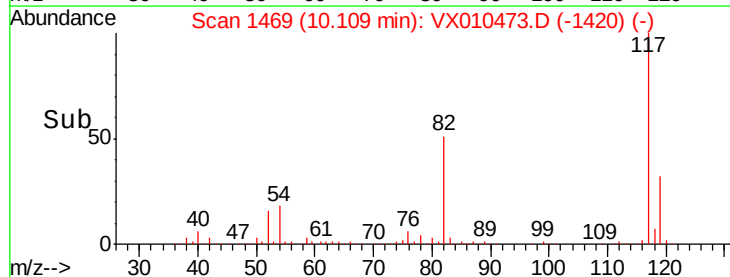
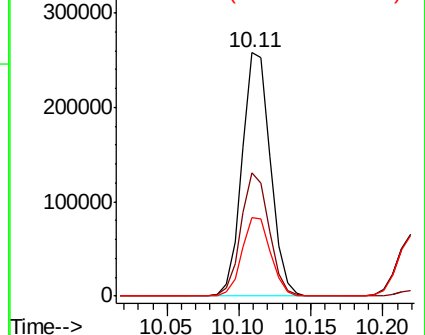
119 32.3 25.5 38.3

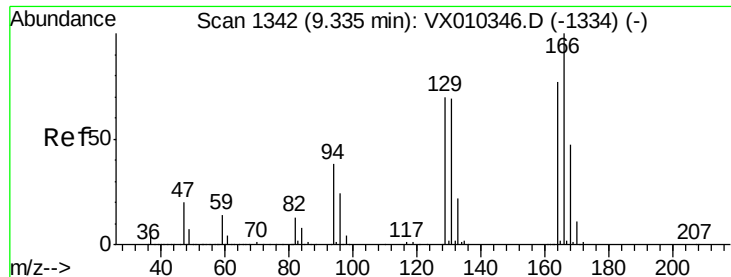


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

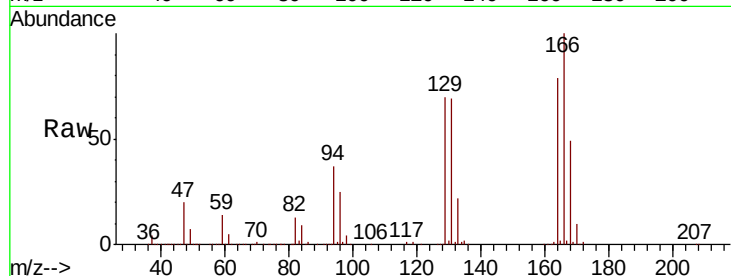




#64  
Tetrachloroethene  
Concen: 45.372 ug/l  
RT: 9.33 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

Instrument :  
MSVOA\_X  
ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 164     | 100   |       |       |
| 166     | 126.4 | 103.6 | 155.4 |
| 129     | 88.7  | 73.0  | 109.4 |
| 131     | 87.3  | 71.0  | 106.4 |



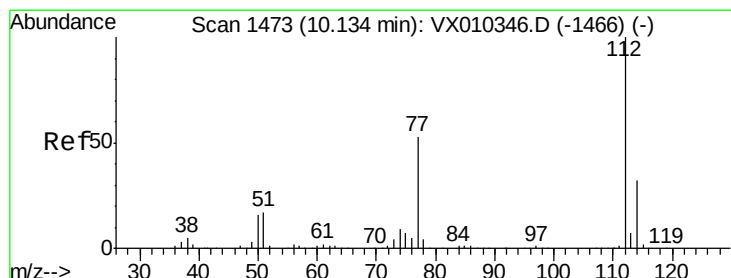
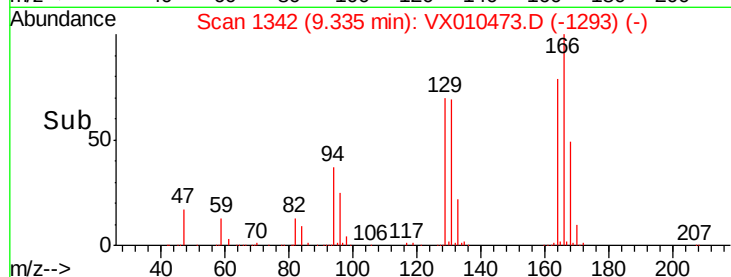
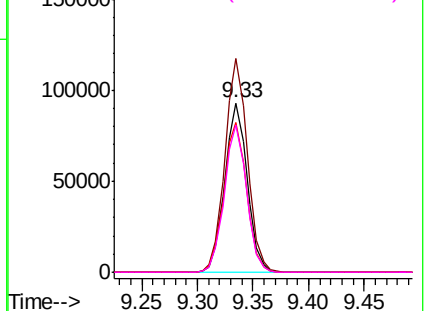
Abundance

Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

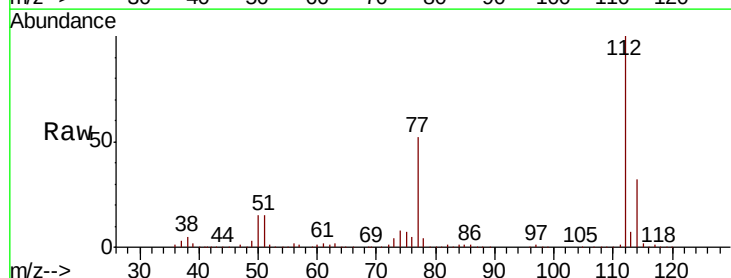
Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



#65  
Chlorobenzene  
Concen: 48.716 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. 0.01 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

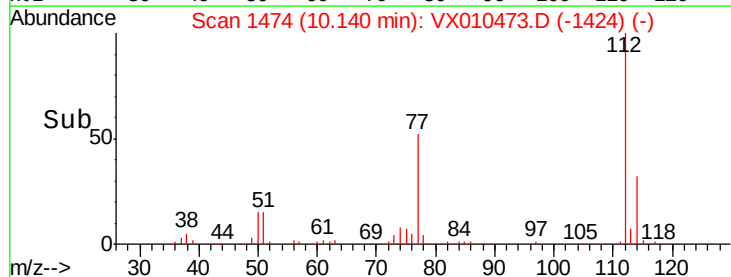
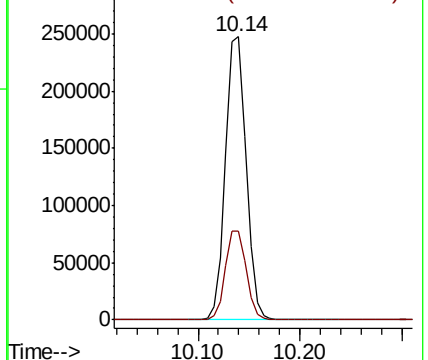
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 112     | 100   |       |       |
| 114     | 31.6  | 25.4  | 38.2  |

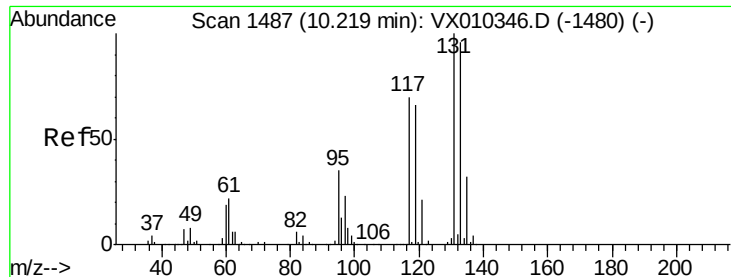


Abundance

Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

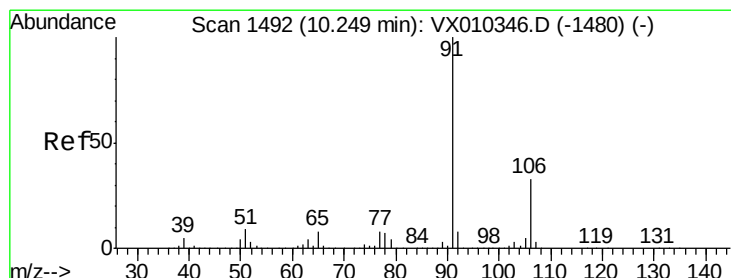
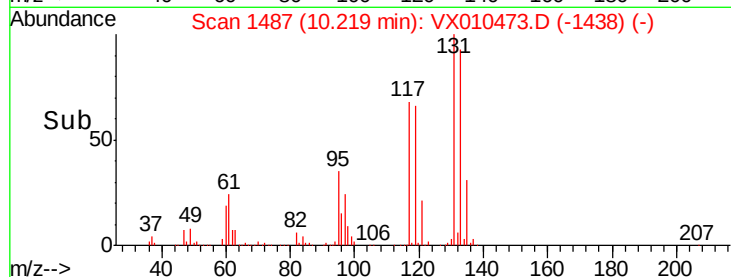
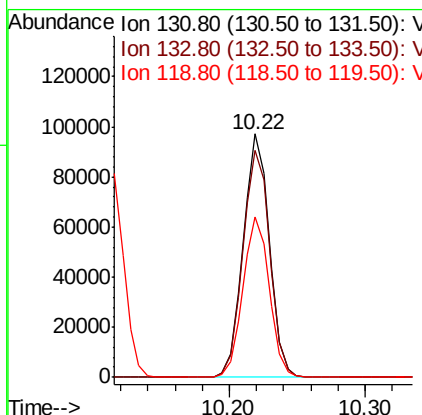
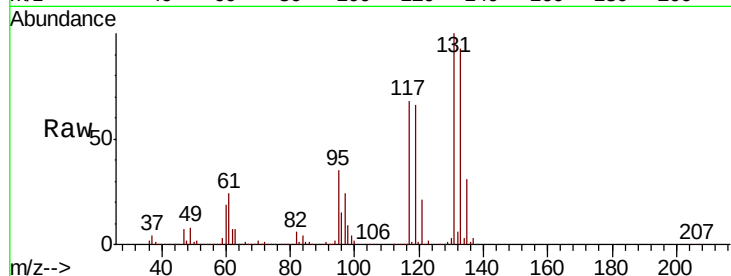




#66  
 1,1,1,2-Tetrachloroethane  
 Concen: 50.043 ug/l  
 RT: 10.22 min Scan# 1487  
 Delta R.T. -0.00 min  
 Lab File: VX010473.D  
 Acq: 26 Jun 2019 19:16

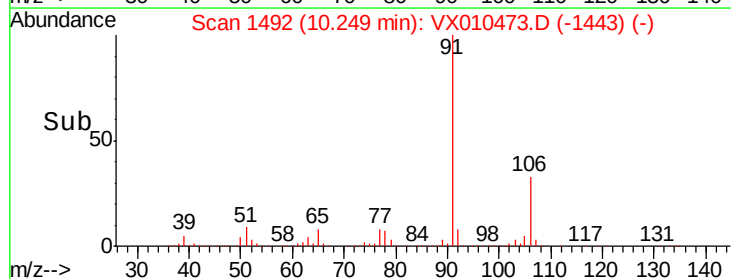
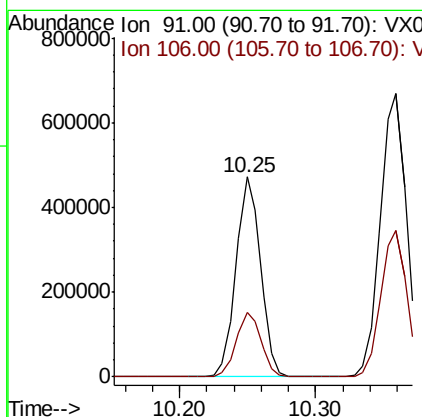
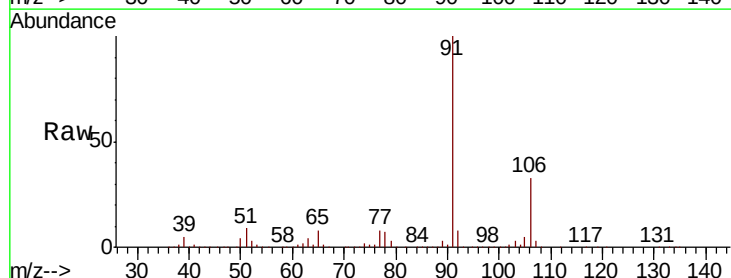
Instrument :  
 MSVOA\_X  
 ClientSampleId :

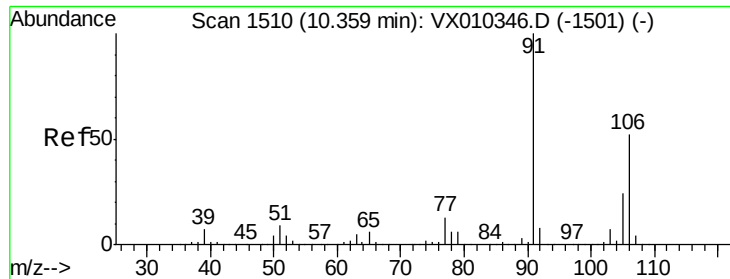
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 131     | 100   |       |       |
| 133     | 95.7  | 47.7  | 143.1 |
| 119     | 66.6  | 32.6  | 97.7  |



#67  
 Ethyl Benzene  
 Concen: 49.207 ug/l  
 RT: 10.25 min Scan# 1492  
 Delta R.T. -0.00 min  
 Lab File: VX010473.D  
 Acq: 26 Jun 2019 19:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 91      | 100   |       |       |
| 106     | 32.6  | 26.2  | 39.2  |

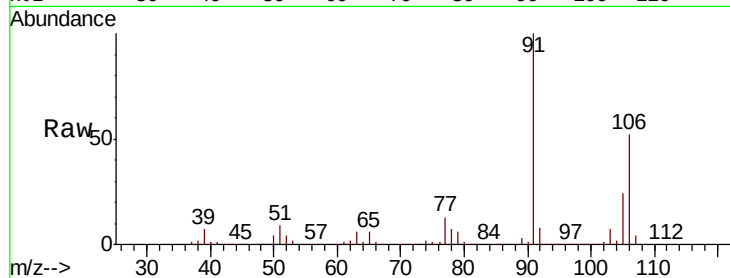




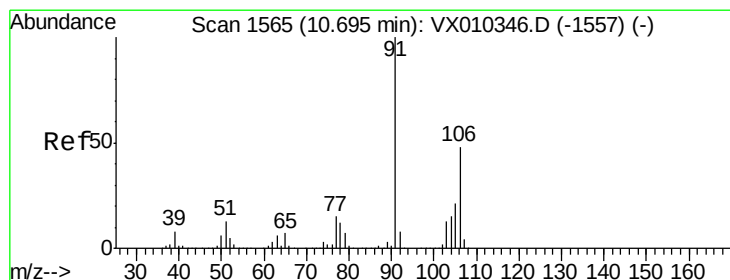
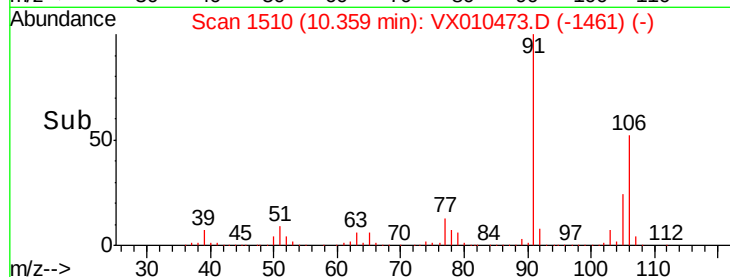
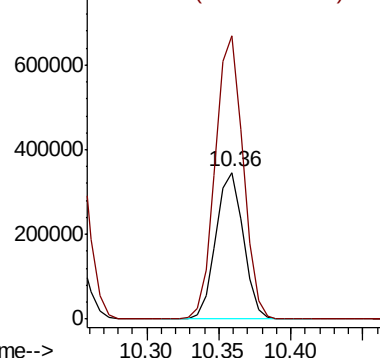
#68  
m/p-Xylenes  
Concen: 98.169 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.00 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:106 Resp: 459130  
Ion Ratio Lower Upper  
106 100  
91 194.8 155.3 232.9

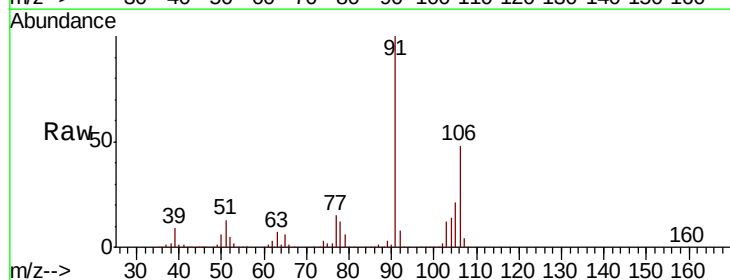


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

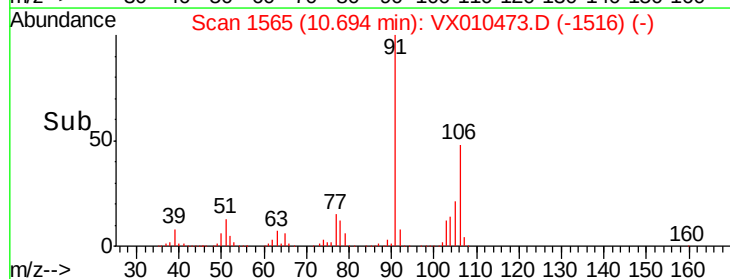
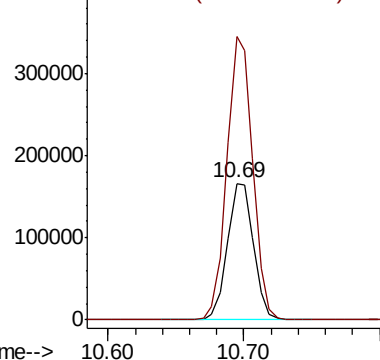


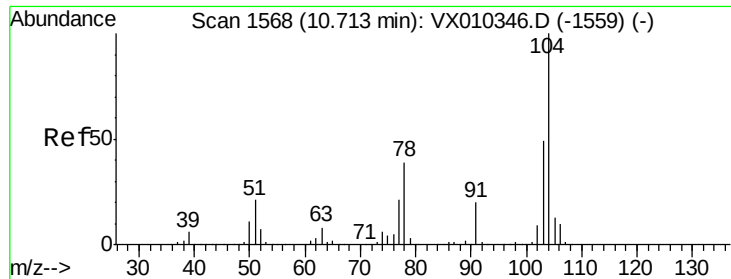
#69  
o-Xylene  
Concen: 48.797 ug/l  
RT: 10.69 min Scan# 1565  
Delta R.T. -0.00 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

Tgt Ion:106 Resp: 224434  
Ion Ratio Lower Upper  
106 100  
91 205.0 102.7 308.1



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

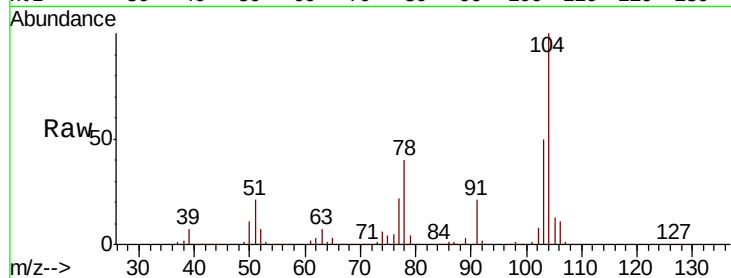




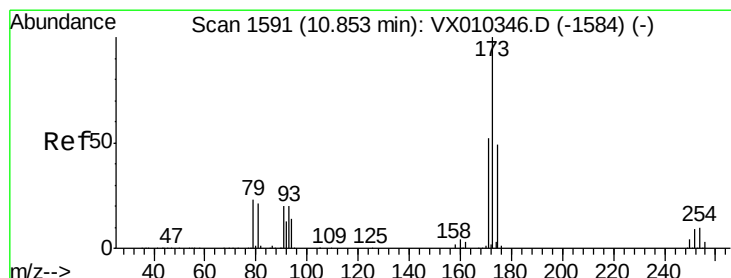
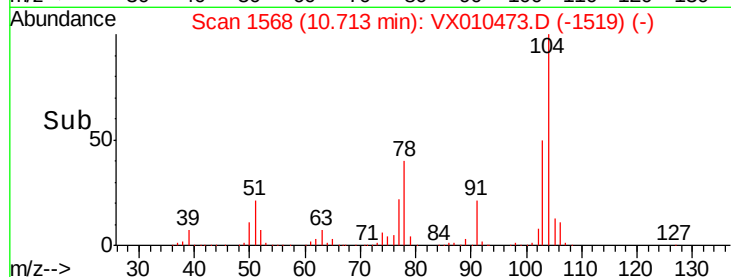
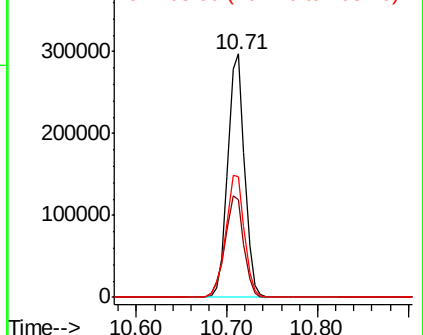
#70  
Stvrene  
Concen: 49.777 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:104 Resp: 383945  
Ion Ratio Lower Upper  
104 100  
78 46.4 36.2 54.2  
103 55.3 44.2 66.4

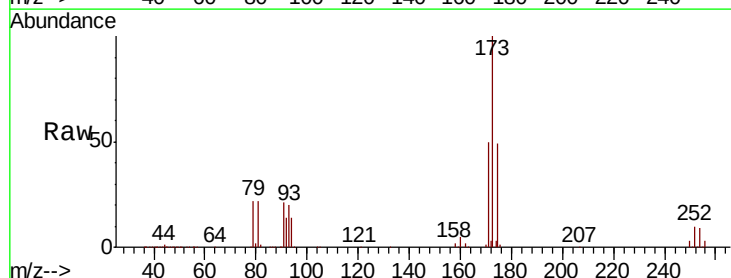


Abundance Ion 104.00 (103.70 to 104.70): V  
Ion 78.00 (77.70 to 78.70): VX0  
Ion 103.00 (102.70 to 103.70): V

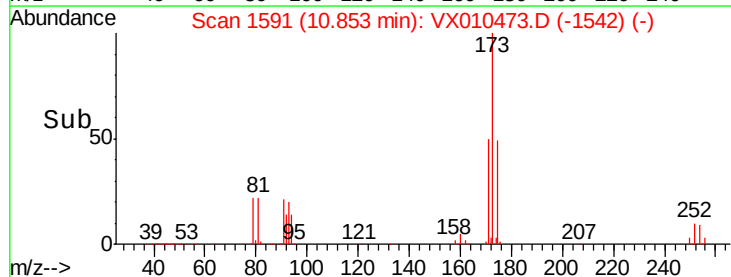
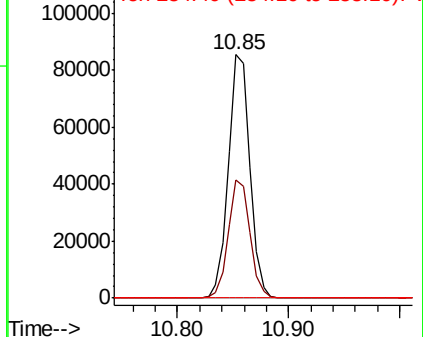


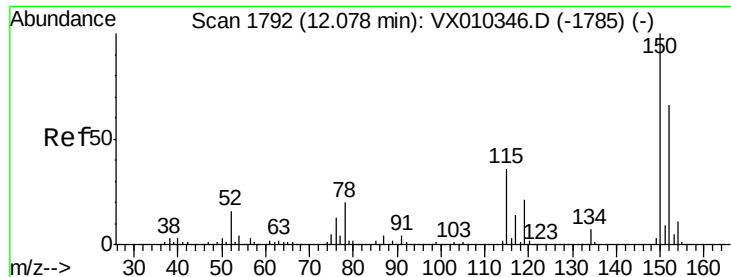
#71  
Bromoform  
Concen: 50.357 ug/l  
RT: 10.85 min Scan# 1591  
Delta R.T. -0.00 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

Tgt Ion:173 Resp: 114046  
Ion Ratio Lower Upper  
173 100  
175 49.1 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



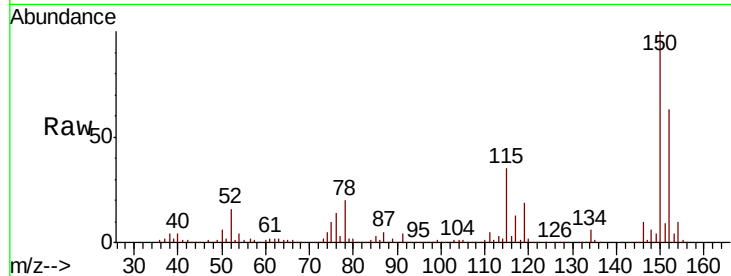


#72

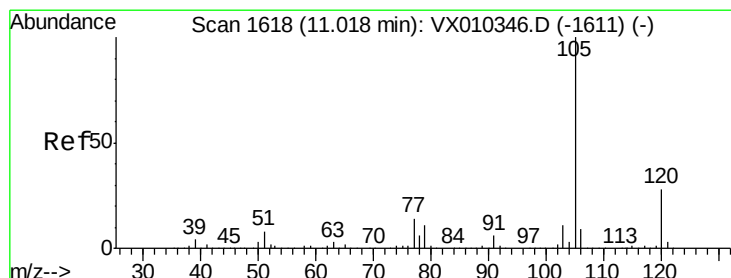
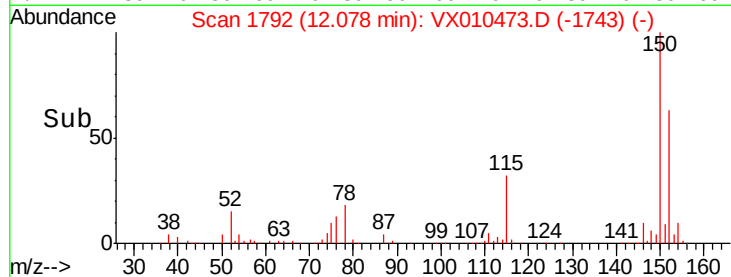
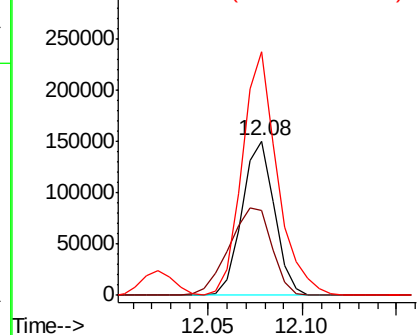
1,4-Dichlorobenzene-d4  
Concen: 50.000 ug/l  
RT: 12.08 min Scan# 1792  
Delta R.T. -0.00 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

Instrument :  
MSVOA\_X  
ClientSampleId :

Tot Ion:152 Resp: 179486  
Ion Ratio Lower Upper  
152 100  
115 75.7 38.6 115.7  
150 170.9 0.0 347.4



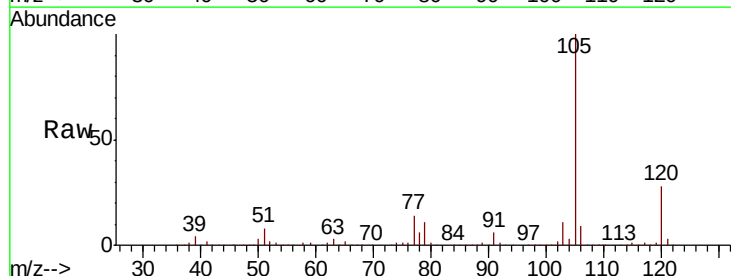
Abundance Ion 151.90 (151.60 to 152.60): V  
Ion 114.90 (114.60 to 115.60): V  
Ion 149.90 (149.60 to 150.60): V



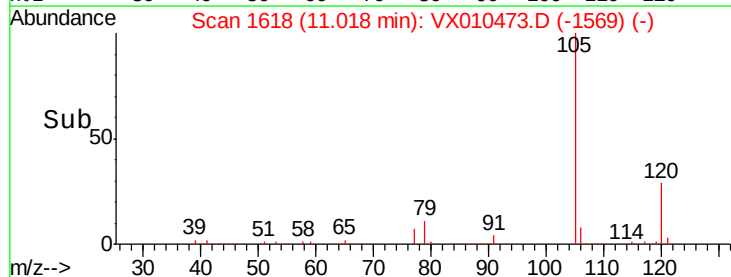
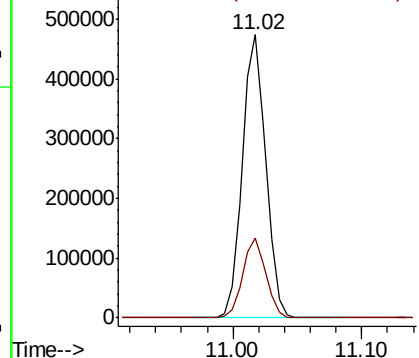
#73

Isopropylbenzene  
Concen: 48.940 ug/l  
RT: 11.02 min Scan# 1618  
Delta R.T. -0.00 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

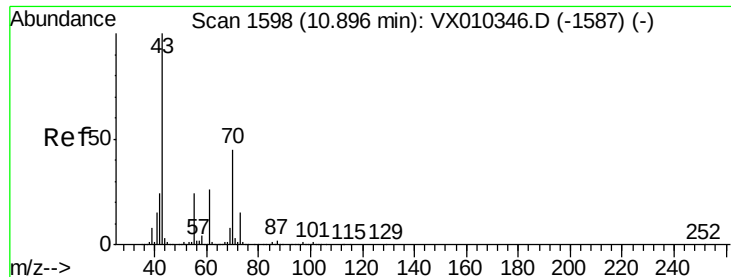
Tgt Ion:105 Resp: 595454  
Ion Ratio Lower Upper  
105 100  
120 27.7 14.1 42.4



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



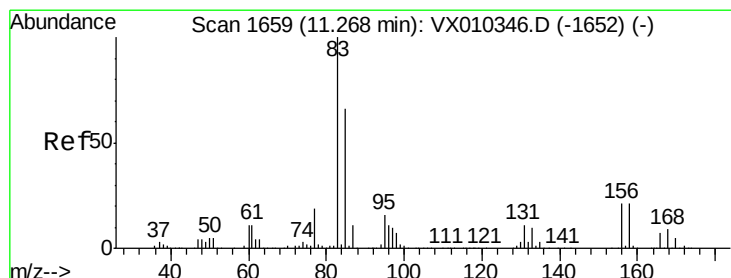
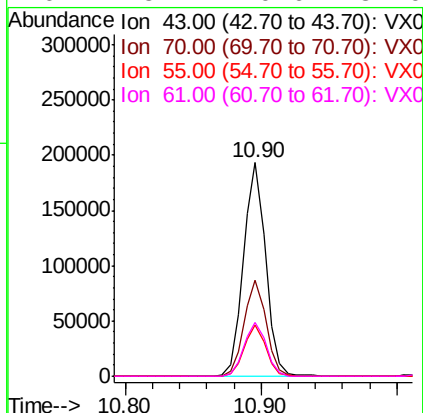
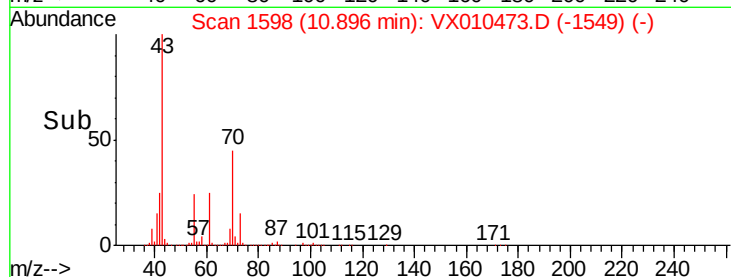
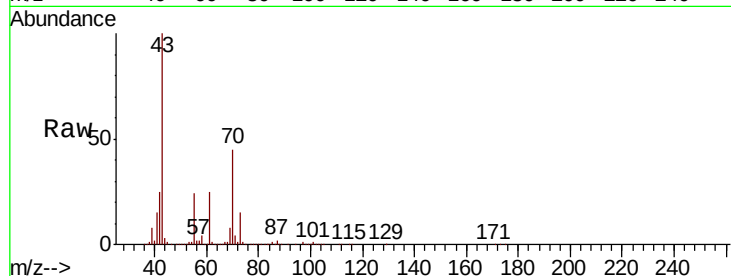




#74  
N-amvl acetate  
Concen: 47.586 ug/l  
RT: 10.90 min Scan# 1598  
Delta R.T. -0.00 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

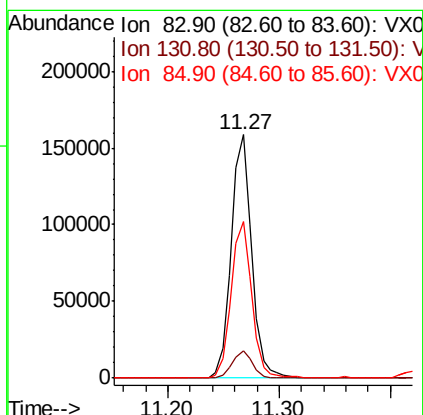
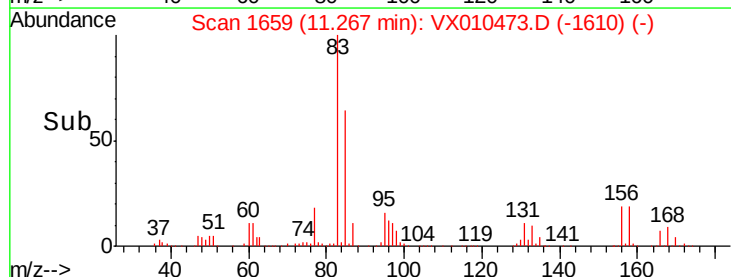
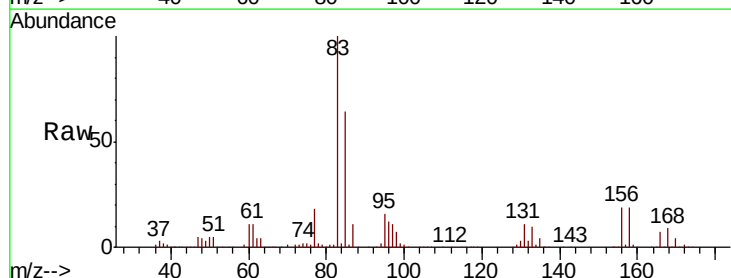
Instrument :  
MSVOA\_X  
ClientSampleId :

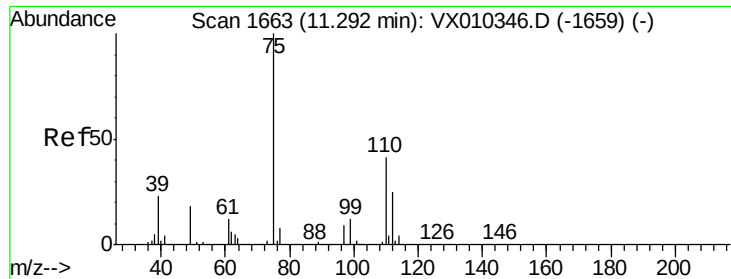
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 43    | Resp: | 218808 |
| Ion      | Ratio | Lower | Upper  |
| 43       | 100   |       |        |
| 70       | 45.0  | 36.6  | 54.8   |
| 55       | 23.5  | 18.7  | 28.1   |
| 61       | 25.7  | 20.6  | 31.0   |



#75  
1,1,2,2-Tetrachloroethane  
Concen: 49.859 ug/l  
RT: 11.27 min Scan# 1659  
Delta R.T. -0.00 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 200900 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 131      | 10.9  | 5.5   | 16.4   |
| 85       | 65.1  | 32.3  | 96.8   |





#76

1,2,3-Trichloropropane

Concen: 68.541 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA\_X

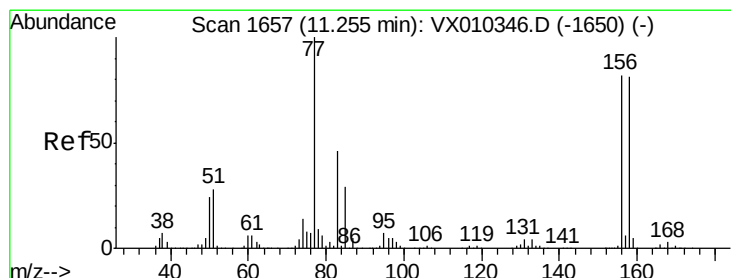
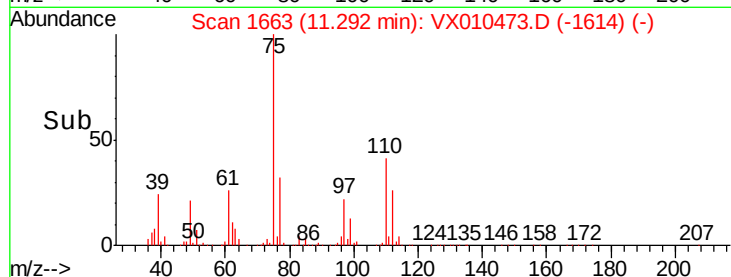
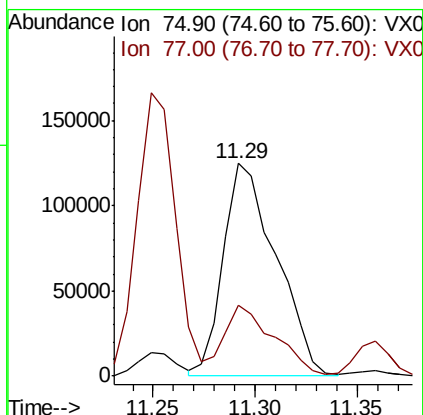
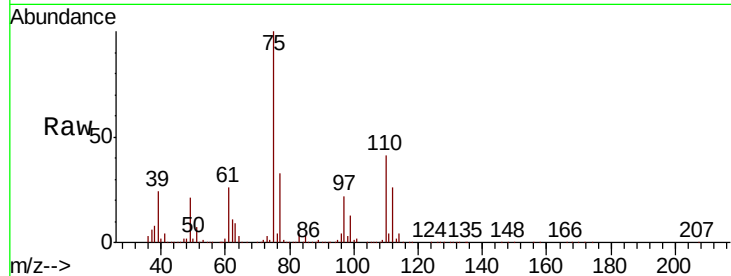
ClientSampleId :

Tot Ion: 75 Resp: 224178

Ion Ratio Lower Upper

75 100

77 31.9 22.6 67.8



#77

Bromobenzene

Concen: 48.845 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

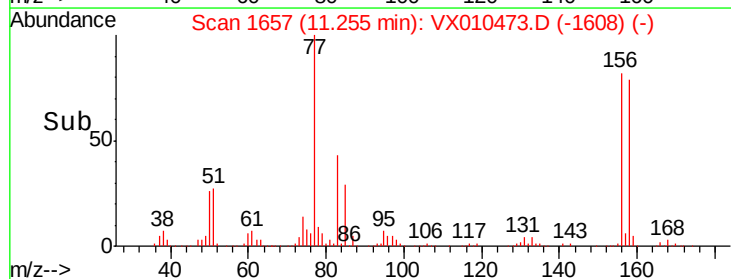
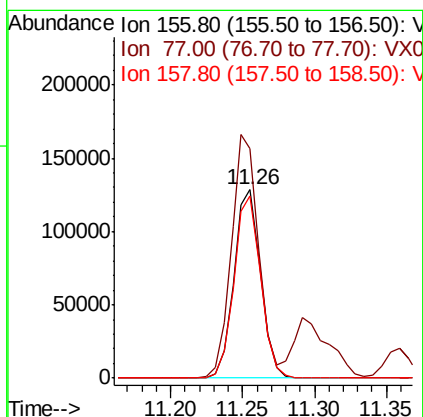
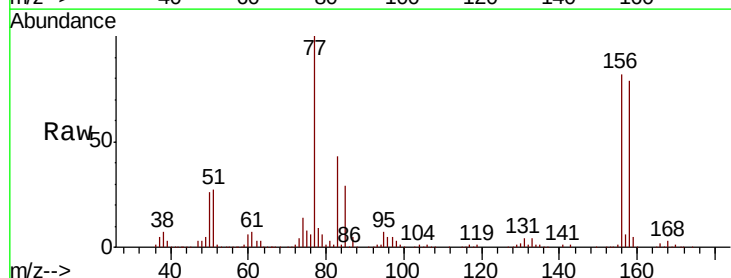
Tgt Ion: 156 Resp: 165943

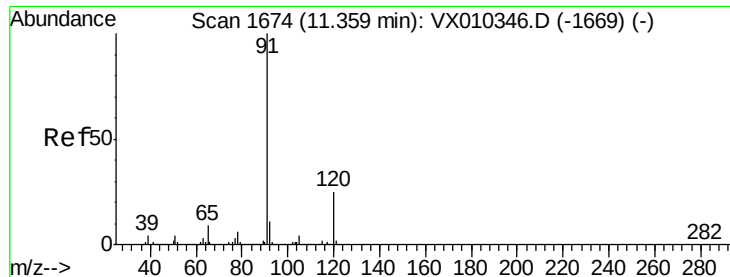
Ion Ratio Lower Upper

156 100

77 131.4 66.3 198.7

158 96.9 48.9 146.7





#78

n-propylbenzene

Concen: 49.324 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA\_X

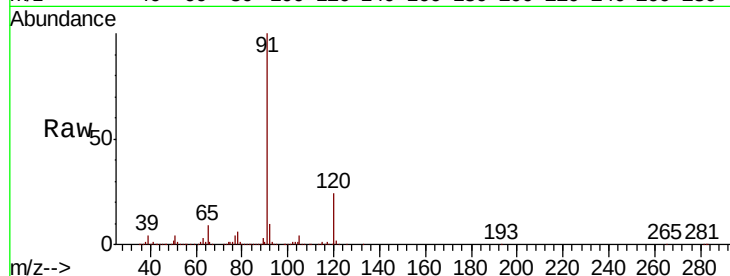
ClientSampled :

Tot Ion: 91 Resp: 659554

Ion Ratio Lower Upper

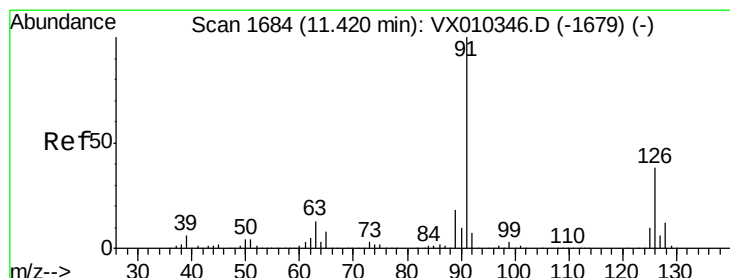
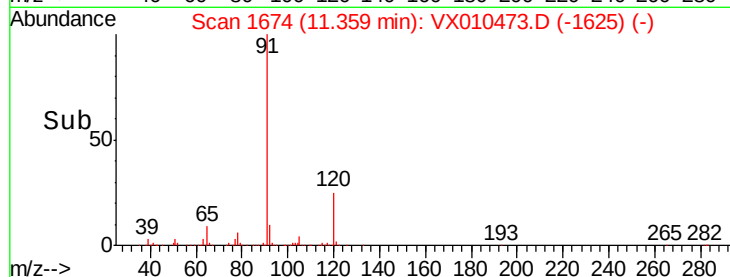
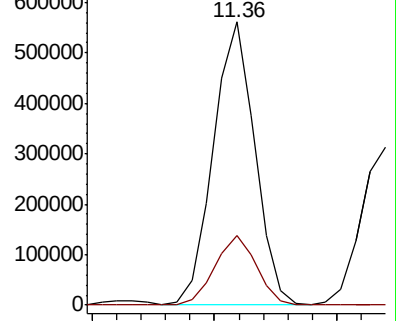
91 100

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: 48.770 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010473.D

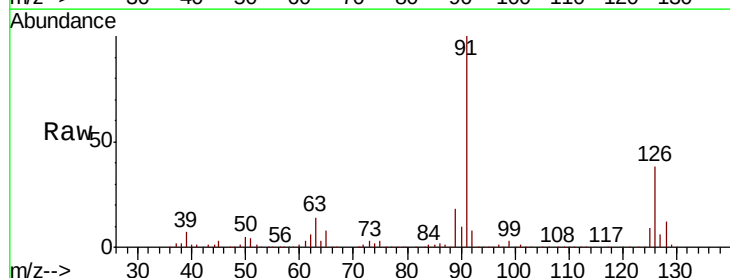
Acq: 26 Jun 2019 19:16

Tgt Ion: 91 Resp: 388339

Ion Ratio Lower Upper

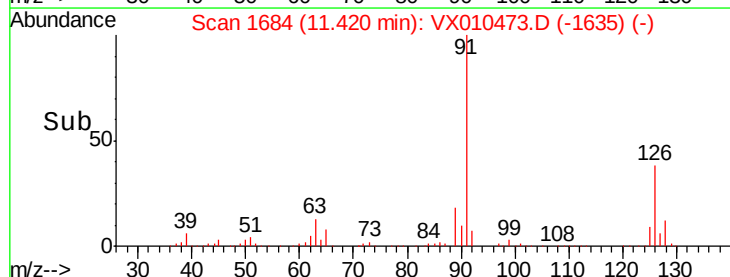
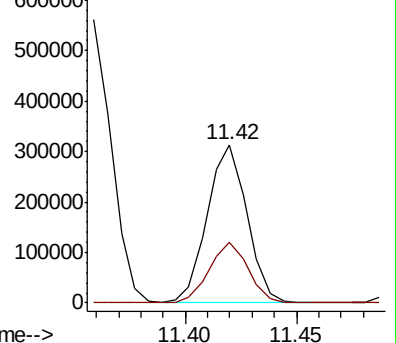
91 100

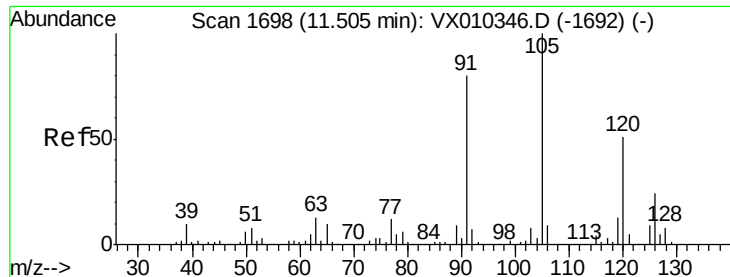
126 37.7 18.7 56.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

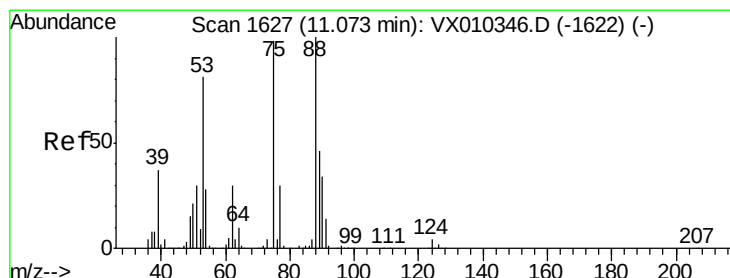
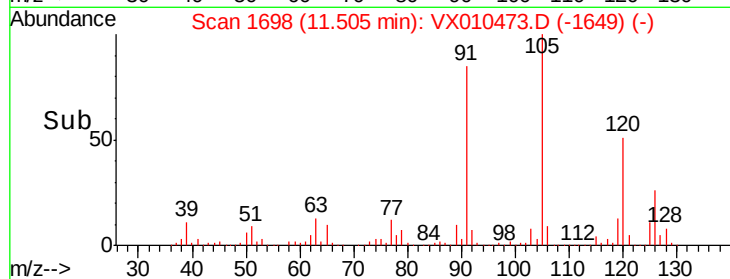
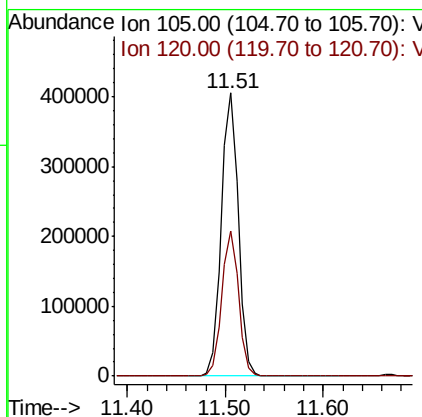
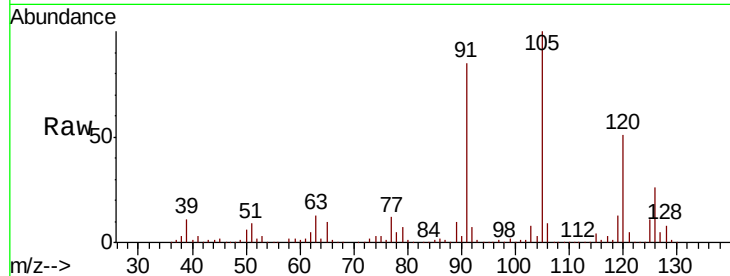




#80  
 1,3,5-Trimethylbenzene  
 Concen: 48.635 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: VX010473.D  
 Acq: 26 Jun 2019 19:16

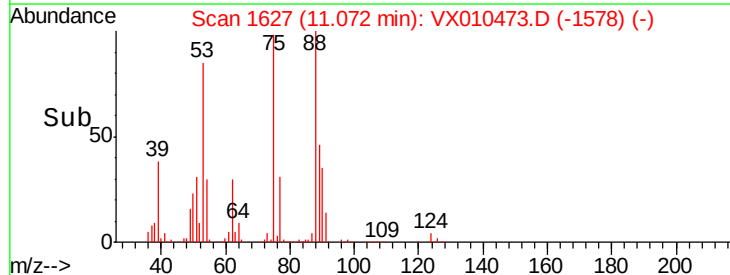
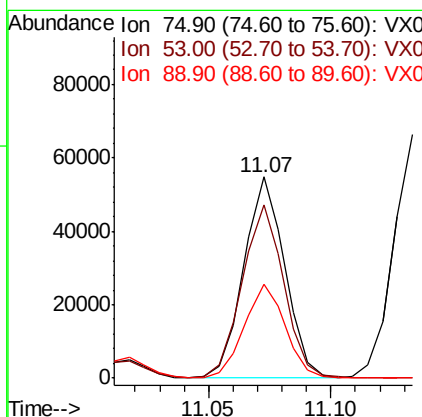
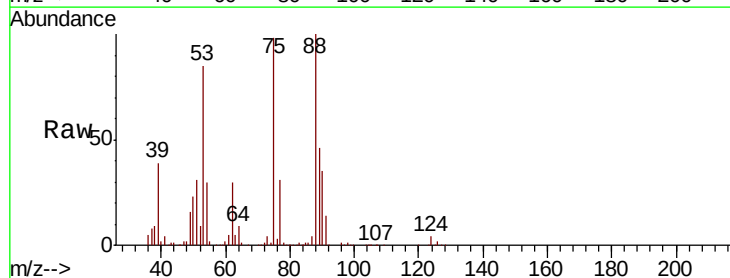
Instrument :  
 MSVOA\_X  
 ClientSampleId :

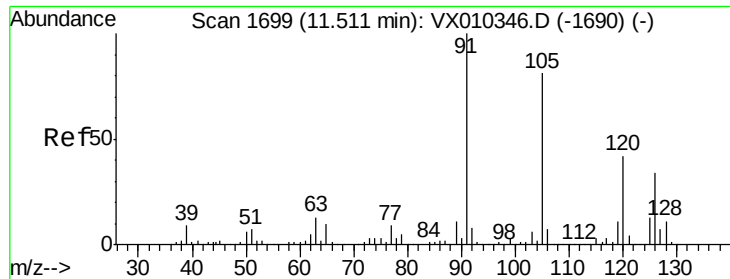
Tot Ion:105 Resp: 487822  
 Ion Ratio Lower Upper  
 105 100  
 120 50.6 25.2 75.6



#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 45.584 ug/l  
 RT: 11.07 min Scan# 1627  
 Delta R.T. -0.00 min  
 Lab File: VX010473.D  
 Acq: 26 Jun 2019 19:16

Tgt Ion: 75 Resp: 63909  
 Ion Ratio Lower Upper  
 75 100  
 53 87.7 66.1 99.1  
 89 47.1 37.8 56.6

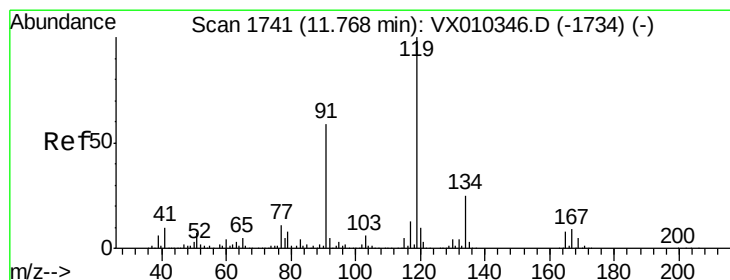
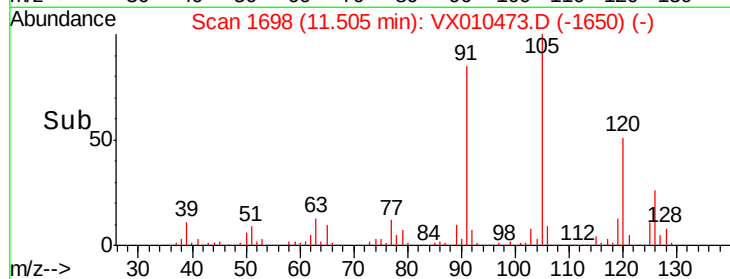
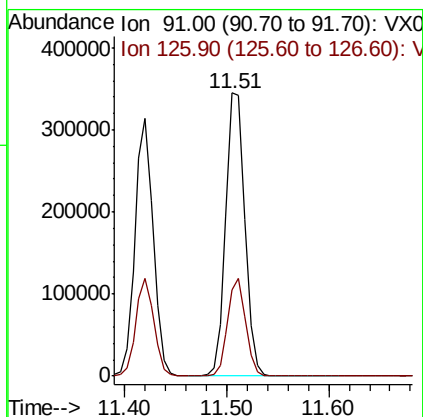
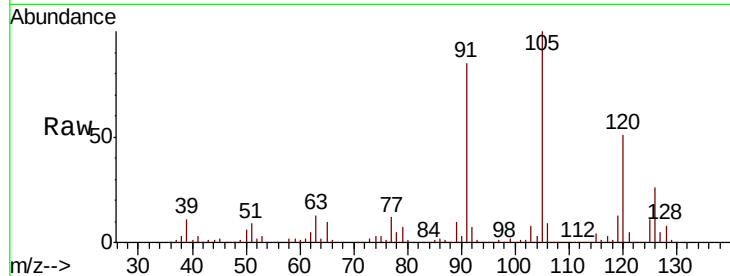




#82  
4-Chlorotoluene  
Concen: 49.462 ug/l  
RT: 11.51 min Scan# 1698  
Delta R.T. -0.01 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

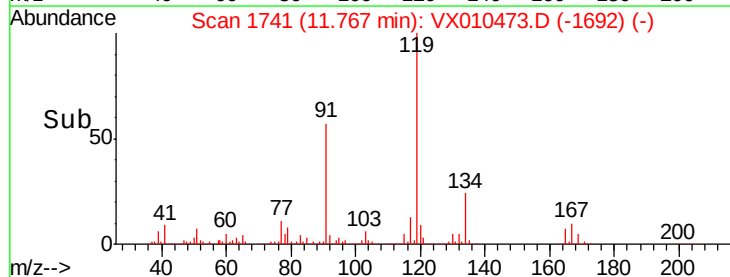
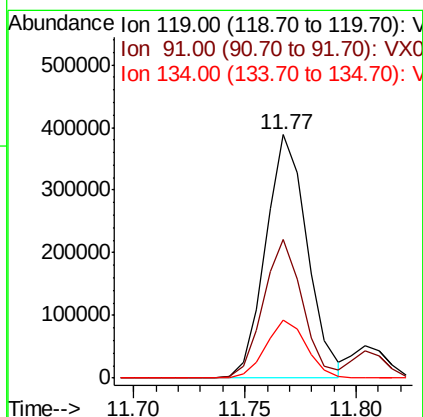
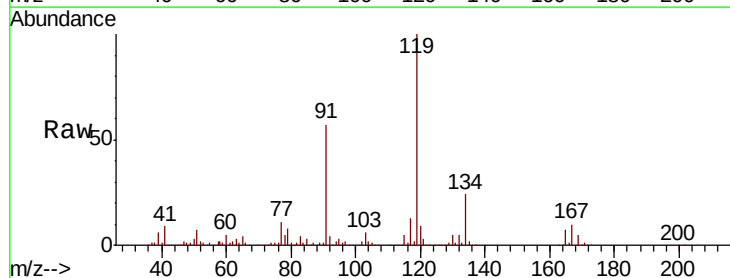
Instrument :  
MSVOA\_X  
ClientSampleId :

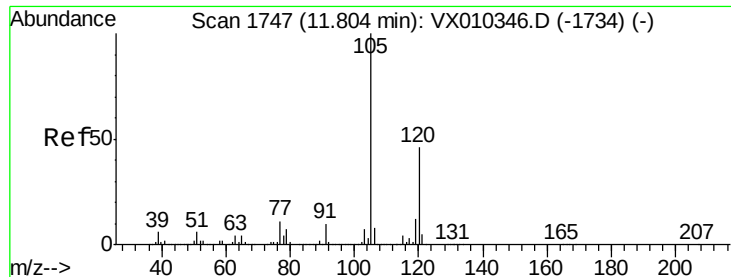
Tot Ion: 91 Resp: 448164  
Ion Ratio Lower Upper  
91 100  
126 32.3 16.2 48.6



#83  
tert-Butylbenzene  
Concen: 49.926 ug/l  
RT: 11.77 min Scan# 1741  
Delta R.T. -0.00 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

Tgt Ion: 119 Resp: 502608  
Ion Ratio Lower Upper  
119 100  
91 54.0 27.6 82.7  
134 23.2 11.8 35.4

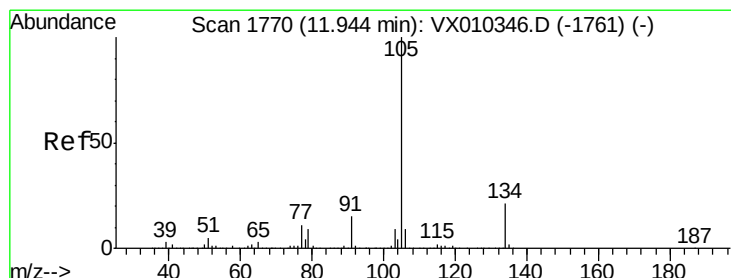
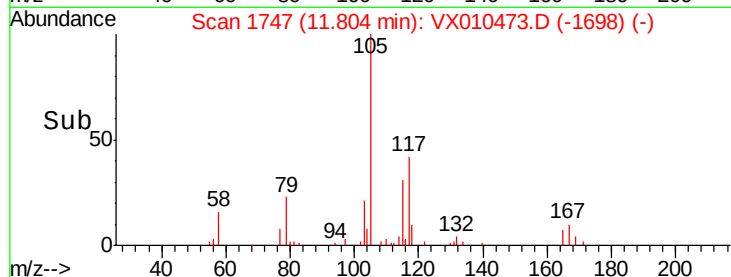
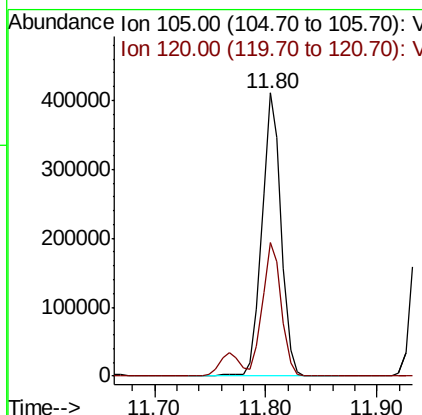
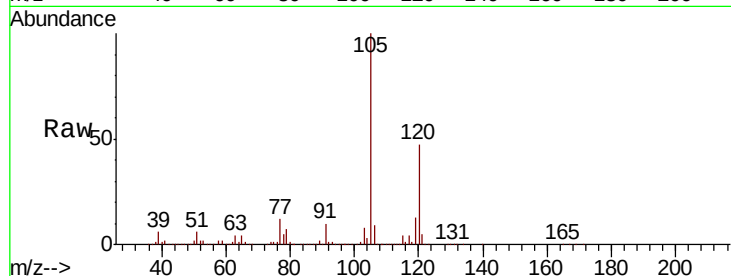




#84  
 1,2,4-Trimethylbenzene  
 Concen: 49.062 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. -0.00 min  
 Lab File: VX010473.D  
 Acq: 26 Jun 2019 19:16

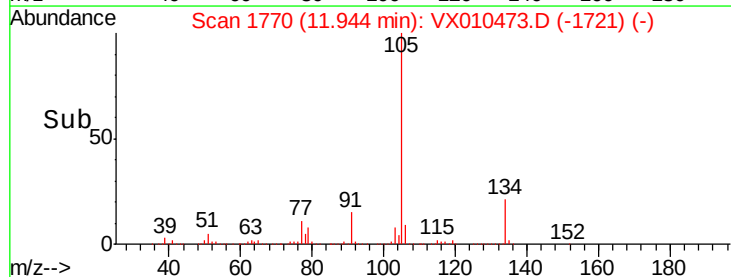
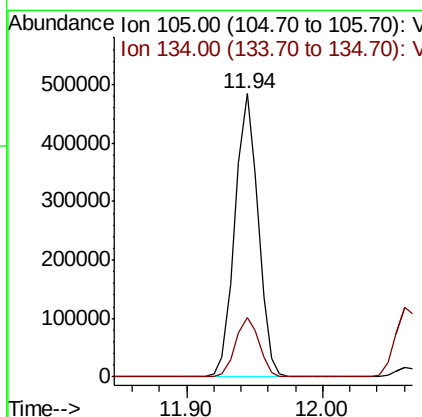
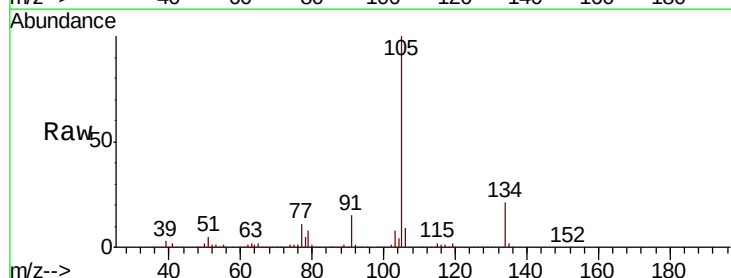
Instrument :  
 MSVOA\_X  
 ClientSampled :

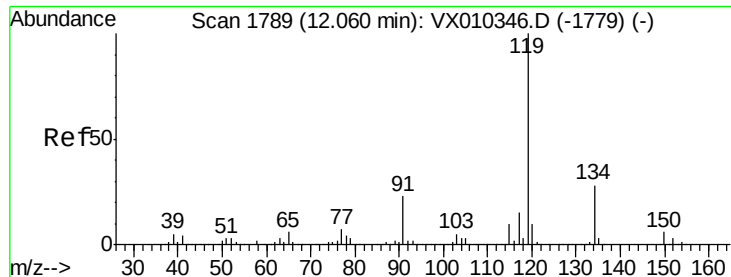
Tot Ion:105 Resp: 494403  
 Ion Ratio Lower Upper  
 105 100  
 120 46.2 23.1 69.2



#85  
 sec-Butylbenzene  
 Concen: 48.650 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. -0.00 min  
 Lab File: VX010473.D  
 Acq: 26 Jun 2019 19:16

Tgt Ion:105 Resp: 575052  
 Ion Ratio Lower Upper  
 105 100  
 134 21.2 10.7 31.9

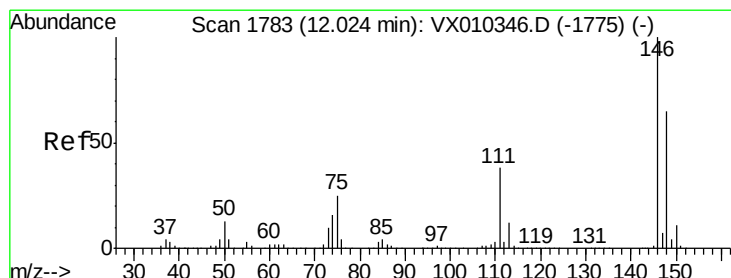
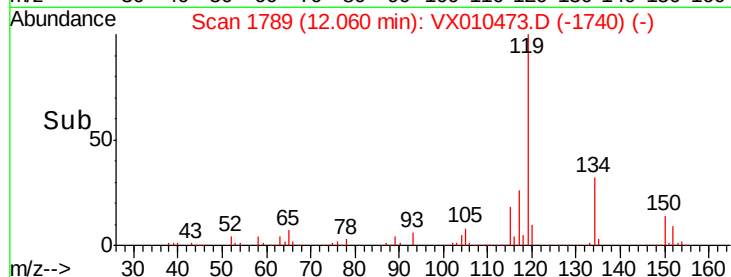
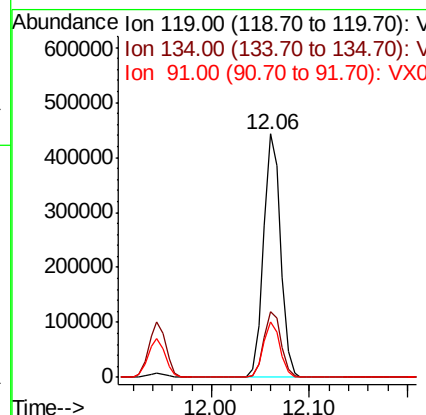
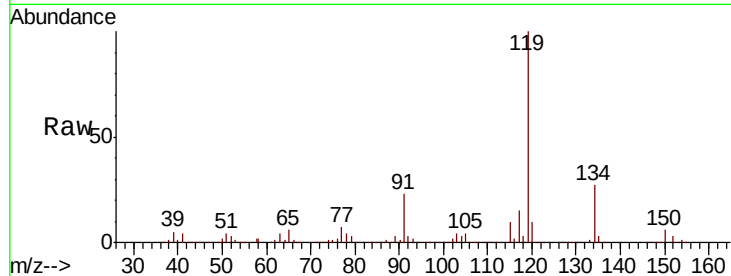




#86  
 p-Isopropyltoluene  
 Concen: 48.630 ug/l  
 RT: 12.06 min Scan# 1789  
 Delta R.T. -0.00 min  
 Lab File: VX010473.D  
 Acq: 26 Jun 2019 19:16

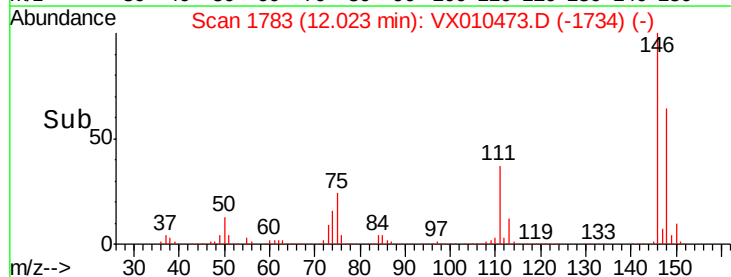
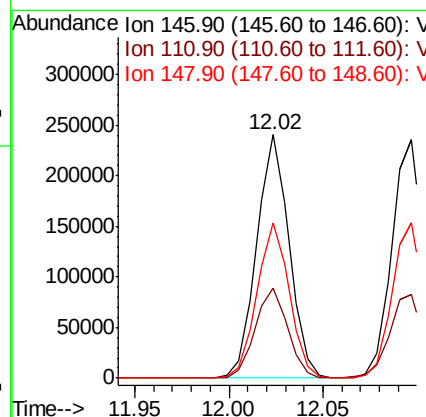
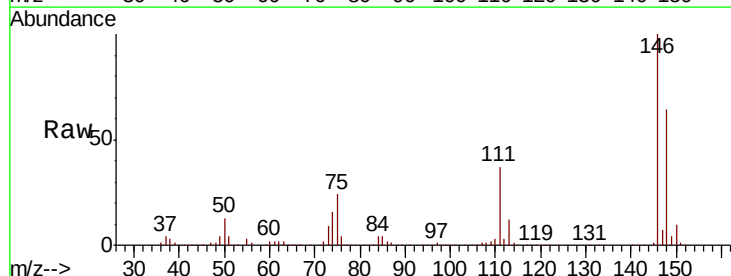
Instrument :  
 MSVOA\_X  
 ClientSampleId :

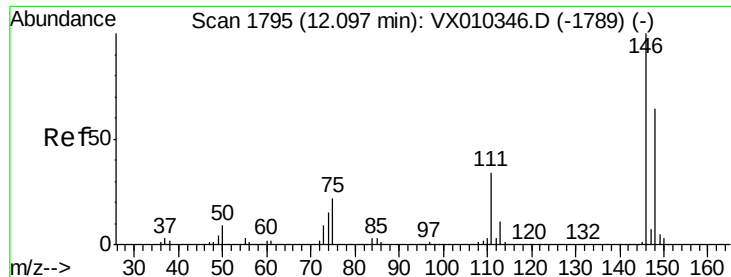
Tot Ion:119 Resp: 531686  
 Ion Ratio Lower Upper  
 119 100  
 134 27.5 13.7 41.1  
 91 22.5 11.3 33.8



#87  
 1,3-Dichlorobenzene  
 Concen: 48.353 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX010473.D  
 Acq: 26 Jun 2019 19:16

Tgt Ion:146 Resp: 286750  
 Ion Ratio Lower Upper  
 146 100  
 111 37.2 19.1 57.1  
 148 63.8 32.5 97.4

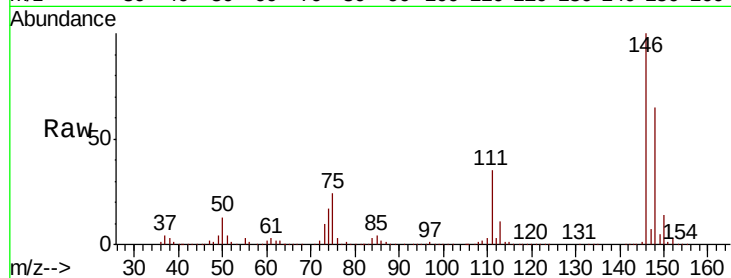




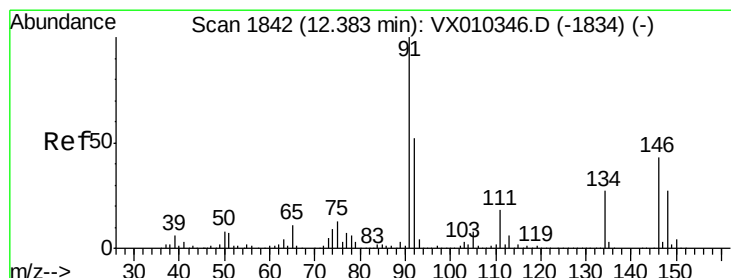
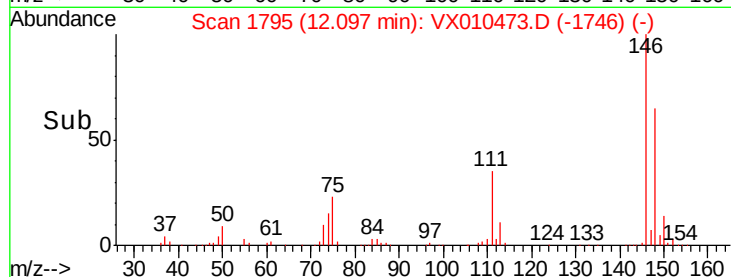
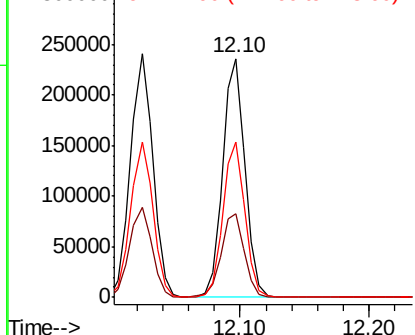
#88  
1,4-Dichlorobenzene  
Concen: 47.436 ug/l  
RT: 12.10 min Scan# 1795  
Delta R.T. -0.00 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

Instrument :  
MSVOA\_X  
ClientSampled :

Tot Ion:146 Resp: 286390  
Ion Ratio Lower Upper  
146 100  
111 36.7 18.1 54.3  
148 64.6 32.1 96.3

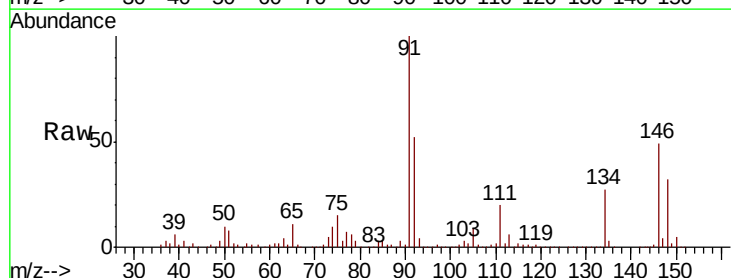


Abundance Ion 145.90 (145.60 to 146.60): V  
Ion 110.90 (110.60 to 111.60): V  
Ion 147.90 (147.60 to 148.60): V

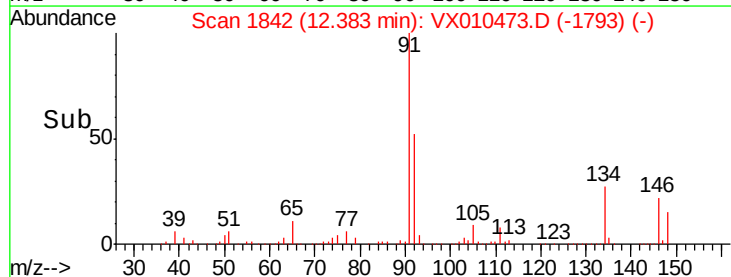
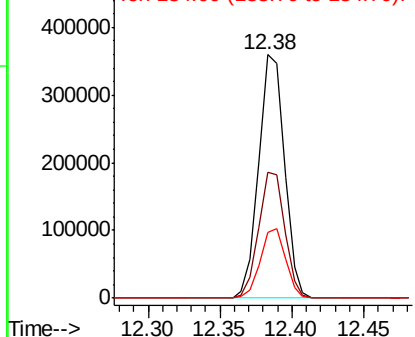


#89  
n-Butylbenzene  
Concen: 47.670 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. -0.00 min  
Lab File: VX010473.D  
Acq: 26 Jun 2019 19:16

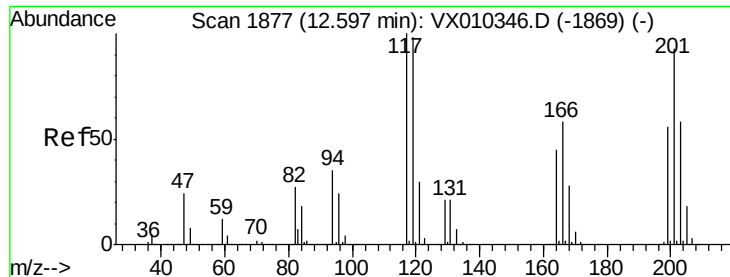
Tgt Ion: 91 Resp: 442881  
Ion Ratio Lower Upper  
91 100  
92 52.5 26.2 78.5  
134 28.0 14.1 42.4



Abundance Ion 91.00 (90.70 to 91.70): VX0  
Ion 92.00 (91.70 to 92.70): VX0  
Ion 134.00 (133.70 to 134.70): V







#90

Hexachloroethane

Concen: 49.757 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA\_X

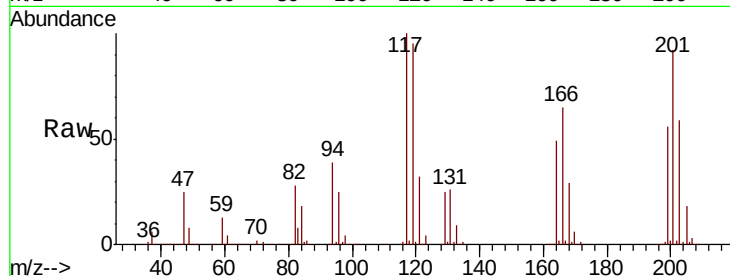
ClientSampleId :

Tot Ion:117 Resp: 94067

Ion Ratio Lower Upper

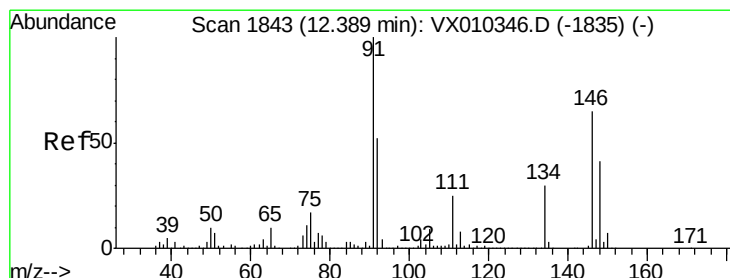
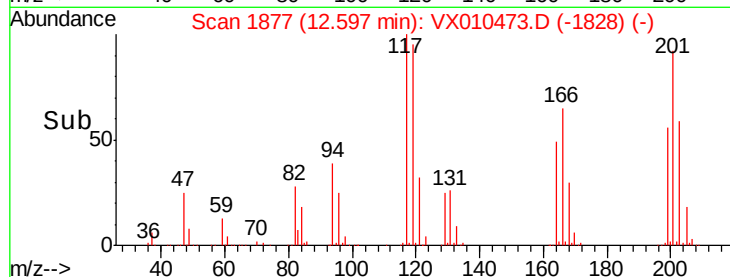
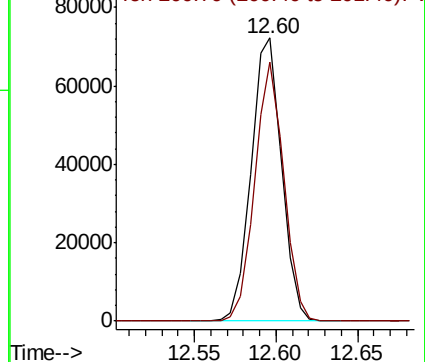
117 100

201 87.2 44.0 131.8



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 47.580 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

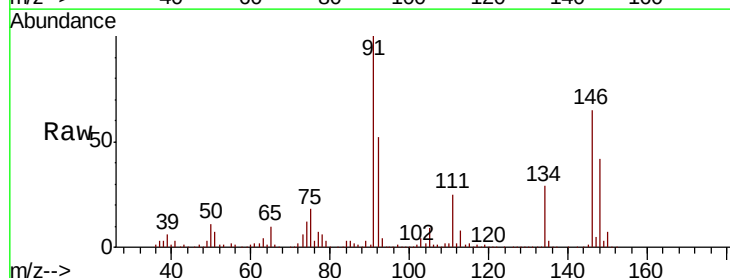
Tgt Ion:146 Resp: 280437

Ion Ratio Lower Upper

146 100

111 38.3 19.2 57.6

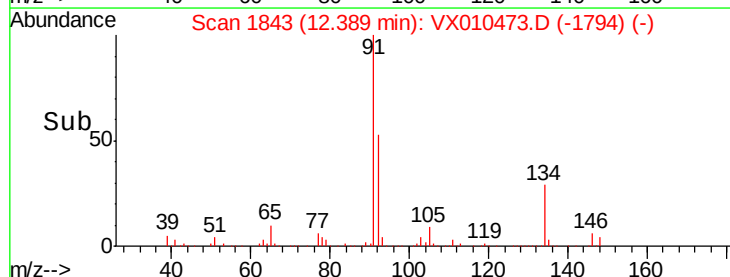
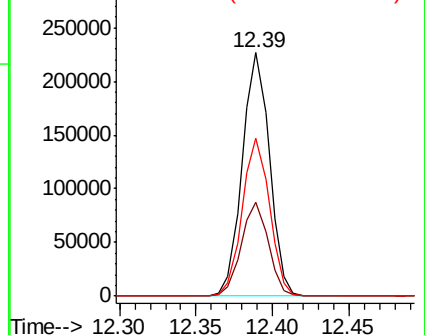
148 64.9 32.0 96.0

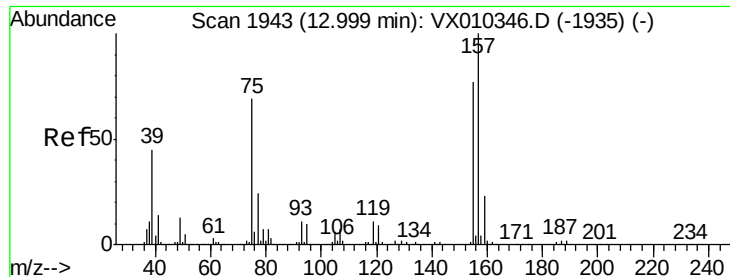


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 48.144 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA\_X

ClientSampleId :

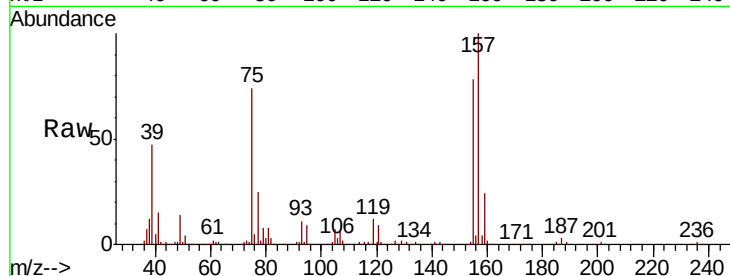
Tot Ion: 75 Resp: 41825

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 75  | 100   |       |       |
| 155 | 105.4 | 54.4  | 163.1 |
| 157 | 135.5 | 69.5  | 208.3 |

75 100

155 105.4 54.4 163.1

157 135.5 69.5 208.3

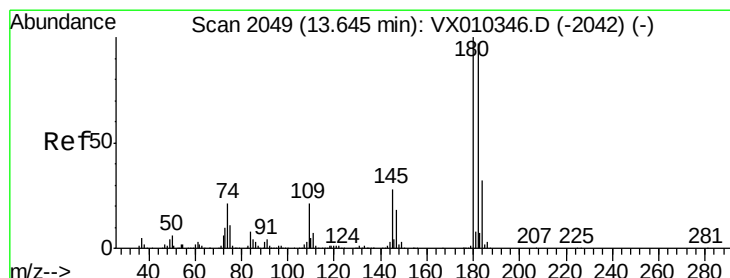
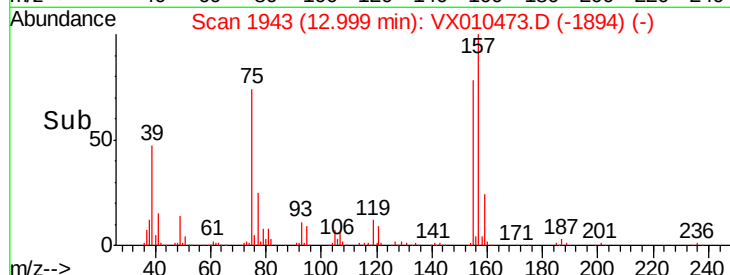
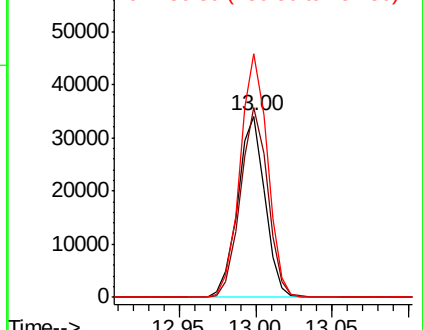


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V



#93

1,2,4-Trichlorobenzene

Concen: 47.333 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

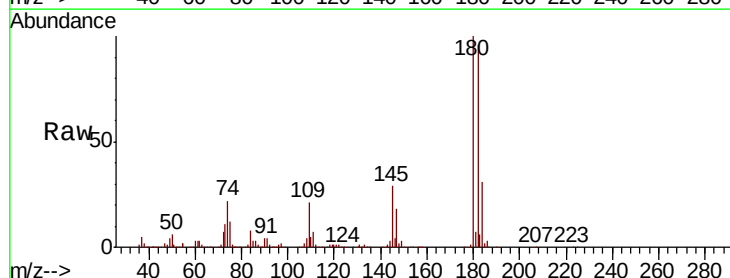
Tgt Ion:180 Resp: 193466

| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 180 | 100   |       |       |
| 182 | 95.2  | 48.0  | 144.0 |
| 145 | 29.0  | 14.4  | 43.4  |

180 100

182 95.2 48.0 144.0

145 29.0 14.4 43.4

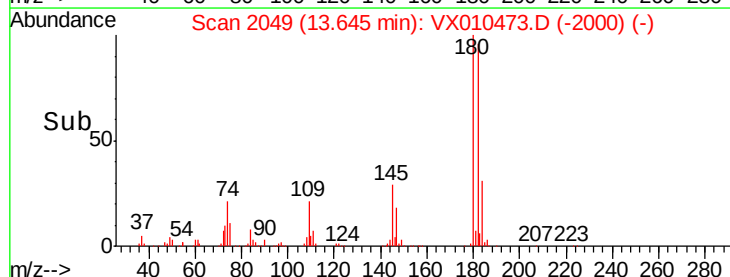
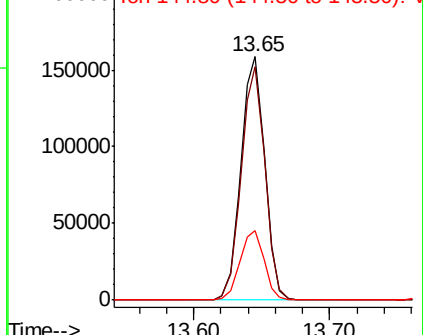


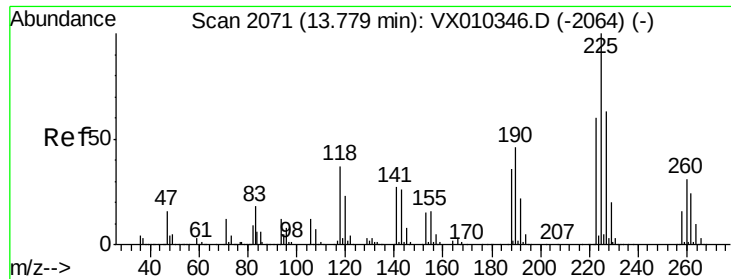
Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V





#94

Hexachlorobutadiene

Concen: 44.550 ug/l

RT: 13.78 min Scan# 2071

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

Instrument :

MSVOA\_X

ClientSampleId :

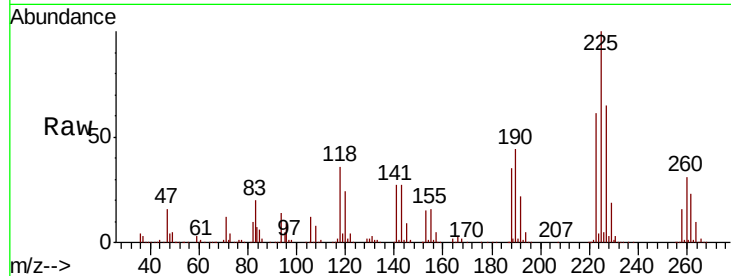
Tot Ion:225 Resp: 88996

Ion Ratio Lower Upper

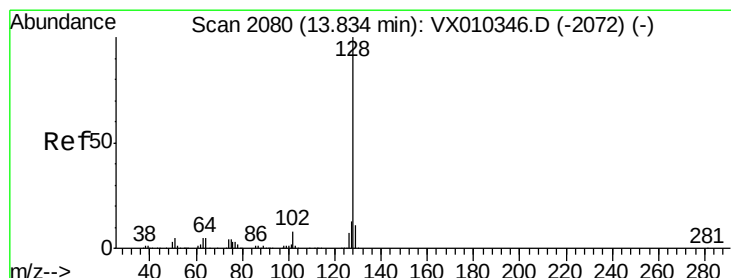
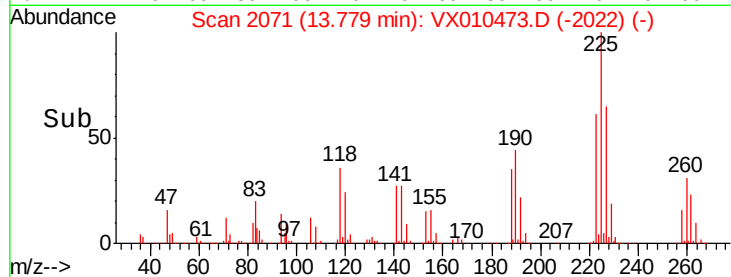
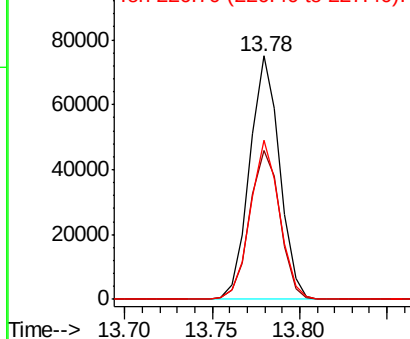
225 100

223 62.2 30.9 92.7

227 63.4 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V  
Ion 222.70 (222.40 to 223.40): V  
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 49.293 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX010473.D

Acq: 26 Jun 2019 19:16

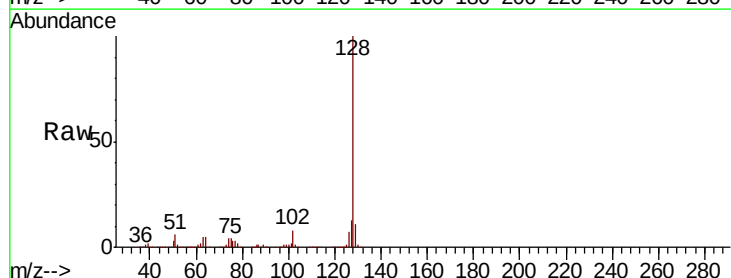
Tgt Ion:128 Resp: 619152

Ion Ratio Lower Upper

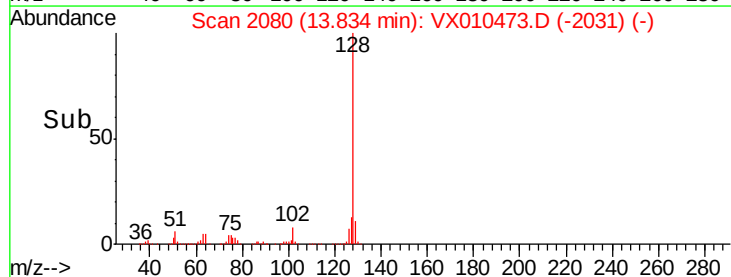
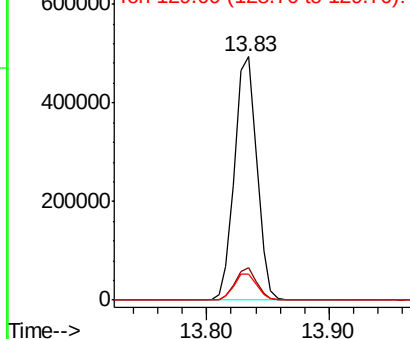
128 100

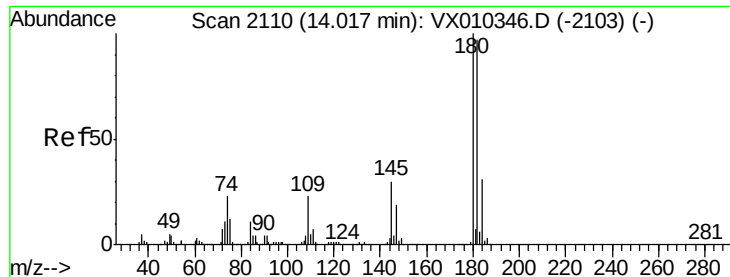
127 12.9 10.2 15.4

129 11.0 8.9 13.3



Abundance Ion 128.00 (127.70 to 128.70): V  
Ion 127.00 (126.70 to 127.70): V  
Ion 129.00 (128.70 to 129.70): V

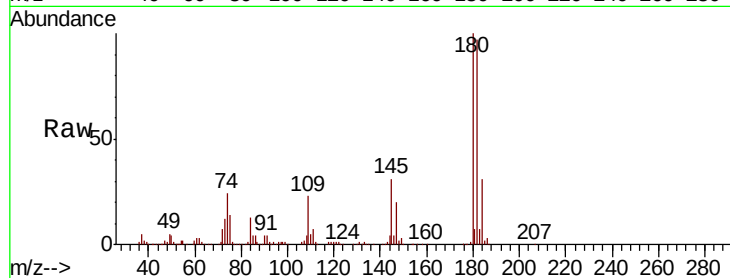




#96  
 1,2,3-Trichlorobenzene  
 Concen: 47.464 ug/l  
 RT: 14.02 min Scan# 2110  
 Delta R.T. -0.00 min  
 Lab File: VX010473.D  
 Acq: 26 Jun 2019 19:16

Instrument :  
 MSVOA\_X  
 ClientSampleId :

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.7  | 47.8  | 143.3 |
| 145     | 31.2  | 15.2  | 45.6  |



Abundance

Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

