

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100118\  
 Data File : VX004885.D  
 Acq On : 01 Oct 2018 22:10  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Oct 02 03:35:23 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 26 14:17:02 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 215804   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 324953   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 310998   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 194170   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 6.07   | 65  | 157603   | 51.12 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 102.24% |      |
| 35) Dibromofluoromethane    | 5.51   | 113 | 128927   | 46.81 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 93.62%  |      |
| 50) Toluene-d8              | 8.72   | 98  | 482503   | 52.70 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 105.40% |      |
| 62) 4-Bromofluorobenzene    | 11.14  | 95  | 179150   | 54.31 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 108.62% |      |

| Target Compounds              |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 171152  | 58.167  | ug/l | 98     |
| 3) Chloromethane              | 1.32 | 50  | 186839  | 52.338  | ug/l | 99     |
| 4) Vinyl Chloride             | 1.40 | 62  | 184188  | 55.011  | ug/l | 98     |
| 5) Bromomethane               | 1.64 | 94  | 142425  | 71.735  | ug/l | 99     |
| 6) Chloroethane               | 1.71 | 64  | 109839  | 60.694  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 236909  | 57.155  | ug/l | 96     |
| 8) Diethyl Ether              | 2.19 | 74  | 94489   | 52.473  | ug/l | 87     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 130893  | 55.437  | ug/l | 98     |
| 10) Methyl Iodide             | 2.51 | 142 | 133532  | 42.263  | ug/l | 98     |
| 11) Tert butyl alcohol        | 3.08 | 59  | 237082  | 275.047 | ug/l | 99     |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 125363  | 53.612  | ug/l | 93     |
| 13) Acrolein                  | 2.29 | 56  | 99827   | 162.774 | ug/l | 96     |
| 14) Allyl chloride            | 2.72 | 41  | 284907  | 55.842  | ug/l | 95     |
| 15) Acrylonitrile             | 3.15 | 53  | 530207  | 279.421 | ug/l | 99     |
| 16) Acetone                   | 2.45 | 43  | 467861  | 259.955 | ug/l | 96     |
| 17) Carbon Disulfide          | 2.56 | 76  | 355491  | 50.594  | ug/l | 98     |
| 18) Methyl Acetate            | 2.78 | 43  | 278291  | 61.030  | ug/l | 93     |
| 19) Methyl tert-butyl Ether   | 3.21 | 73  | 463930  | 57.519  | ug/l | 97     |
| 20) Methylene Chloride        | 2.85 | 84  | 146641  | 56.141  | ug/l | 96     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 134865  | 52.688  | ug/l | 95     |
| 22) Diisopropyl ether         | 3.87 | 45  | 480399  | 55.917  | ug/l | 95     |
| 23) Vinyl Acetate             | 3.82 | 43  | 2131685 | 271.064 | ug/l | 96     |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 259893  | 50.713  | ug/l | 99     |
| 25) 2-Butanone                | 4.71 | 43  | 712722  | 268.655 | ug/l | 94     |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 171081  | 47.939  | ug/l | 99     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96  | 146251  | 51.145  | ug/l | 96     |
| 28) Bromochloromethane        | 5.02 | 49  | 121632  | 50.400  | ug/l | 90     |
| 29) Tetrahydrofuran           | 5.16 | 42  | 469830  | 284.938 | ug/l | 91     |
| 30) Chloroform                | 5.21 | 83  | 254694  | 52.585  | ug/l | 96     |
| 31) Cyclohexane               | 5.57 | 56  | 223845  | 57.069  | ug/l | 92     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 215775  | 54.550  | ug/l | 100    |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 186682  | 49.682  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.86 | 43  | 247630  | 49.648  | ug/l | 98     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 187856  | 47.561  | ug/l | 99     |

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 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Quant Time: Oct 02 03:35:23 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 26 14:17:02 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units | Dev(Min) |
|--------------------------------|-------|------|----------|----------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 215325   | 56.121   | ug/l  | 97       |
| 40) Benzene                    | 6.14  | 78   | 567067   | 48.205   | ug/l  | 99       |
| 41) Methacrylonitrile          | 5.06  | 41   | 140712   | 50.871   | ug/l  | 96       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 203558   | 48.949   | ug/l  | 97       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 370483   | 51.463   | ug/l  | 96       |
| 44) Trichloroethene            | 7.21  | 130  | 148357   | 51.302   | ug/l  | 94       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 155783   | 54.001   | ug/l  | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 98303    | 54.222   | ug/l  | 97       |
| 47) Bromodichloromethane       | 7.90  | 83   | 189178   | 55.733   | ug/l  | 99       |
| 48) Methyl methacrylate        | 7.78  | 41   | 198582   | 60.774   | ug/l  | 94       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 90818    | 1118.750 | ug/l  | 95       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 1348025  | 297.391  | ug/l  | 96       |
| 52) Toluene                    | 8.79  | 92   | 355095   | 54.935   | ug/l  | 97       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 208852   | 54.448   | ug/l  | 100      |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 228507   | 56.875   | ug/l  | 98       |
| 55) 1,1,2-Trichloroethane      | 9.22  | 97   | 149750   | 52.889   | ug/l  | 97       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 234119   | 50.901   | ug/l  | 94       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 250369   | 53.130   | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 653084   | 266.687  | ug/l  | 94       |
| 59) 2-Hexanone                 | 9.50  | 43   | 1076318  | 284.944  | ug/l  | 93       |
| 60) Dibromochloromethane       | 9.59  | 129  | 155626   | 54.960   | ug/l  | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 154816   | 51.056   | ug/l  | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 148612   | 48.552   | ug/l  | 98       |
| 65) Chlorobenzene              | 10.14 | 112  | 393896   | 49.392   | ug/l  | 95       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.23 | 131  | 145406   | 51.864   | ug/l  | 99       |
| 67) Ethyl Benzene              | 10.26 | 91   | 674796   | 53.297   | ug/l  | 98       |
| 68) m/p-Xylenes                | 10.36 | 106  | 525179   | 106.148  | ug/l  | 95       |
| 69) o-Xylene                   | 10.70 | 106  | 252972   | 55.667   | ug/l  | 96       |
| 70) Styrene                    | 10.71 | 104  | 432080   | 50.801   | ug/l  | 97       |
| 71) Bromoform                  | 10.86 | 173  | 128320   | 53.461   | ug/l  | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 679795   | 55.544   | ug/l  | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 335112   | 49.823   | ug/l  | 93       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 249072   | 49.994   | ug/l  | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 284203   | 65.303   | ug/l  | 89       |
| 77) Bromobenzene               | 11.26 | 156  | 182727   | 51.402   | ug/l  | 97       |
| 78) n-propylbenzene            | 11.36 | 91   | 780985   | 55.616   | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 474953   | 54.262   | ug/l  | 98       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 581484   | 51.845   | ug/l  | 97       |
| 81) trans-1,4-Dichloro-2-buten | 11.08 | 75   | 71306    | 44.898   | ug/l  | 98       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 559394   | 54.296   | ug/l  | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 566195   | 56.189   | ug/l  | 98       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 602167   | 52.062   | ug/l  | 98       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 682697   | 55.623   | ug/l  | 98       |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 618585   | 55.628   | ug/l  | 98       |
| 87) 1,3-Dichlorobenzene        | 12.03 | 146  | 337929   | 50.909   | ug/l  | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 344593   | 50.289   | ug/l  | 99       |
| 89) n-Butylbenzene             | 12.39 | 91   | 551977   | 54.656   | ug/l  | 97       |
| 90) Hexachloroethane           | 12.60 | 117  | 99470    | 53.726   | ug/l  | 100      |
| 91) 1,2-Dichlorobenzene        | 12.40 | 146  | 344623   | 49.679   | ug/l  | 98       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 59324    | 54.232   | ug/l  | 95       |

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Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 29 Sample Multiplier: 1

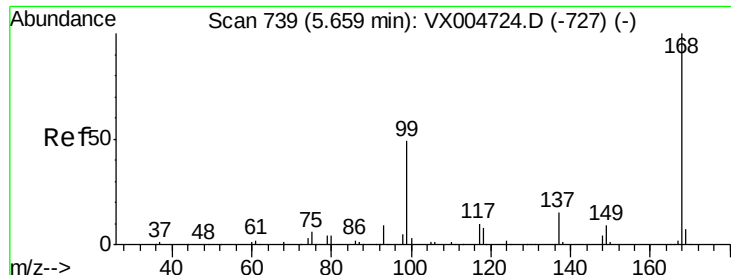
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Quant Time: Oct 02 03:35:23 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X092618W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 26 14:17:02 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 253807   | 52.158 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 123501   | 48.943 | ug/l  | 97       |
| 95) Naphthalene            | 13.83 | 128  | 826059   | 51.129 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 262385   | 52.197 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA\_X

ClientSampleId :

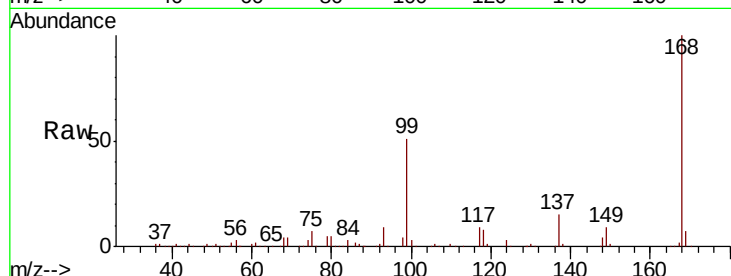
VSTDCCC050

Tot Ion:168 Resp: 215804

Ion Ratio Lower Upper

168 100

99 50.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

60000

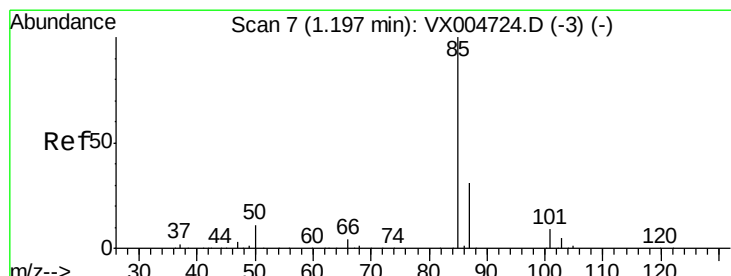
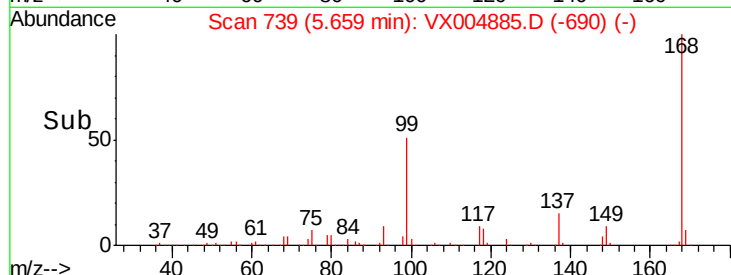
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 58.167 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX004885.D

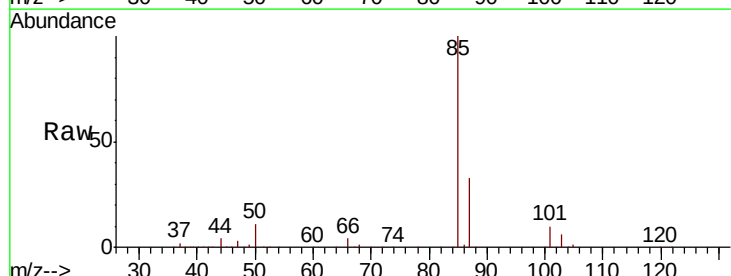
Acq: 01 Oct 2018 22:10

Tgt Ion: 85 Resp: 171152

Ion Ratio Lower Upper

85 100

87 32.7 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

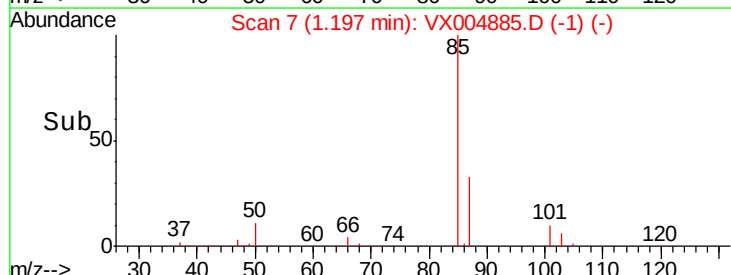
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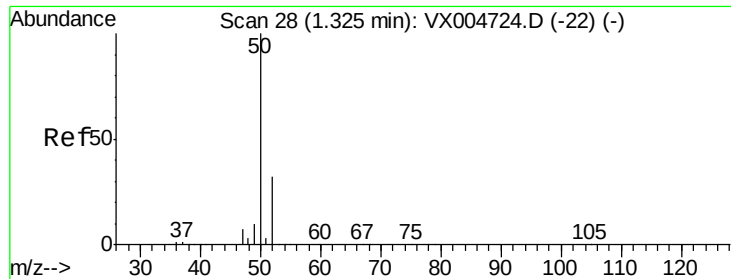
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0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 52.338 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA\_X

ClientSampleId :

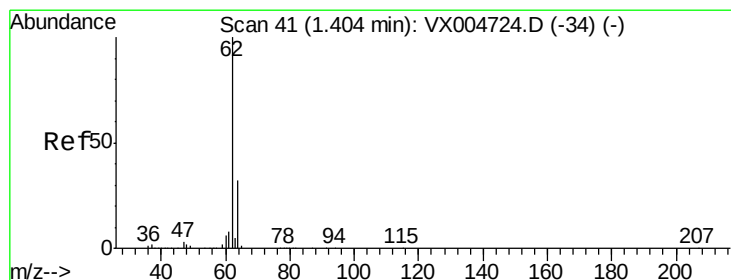
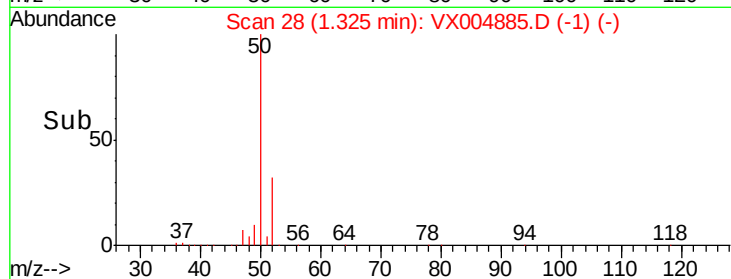
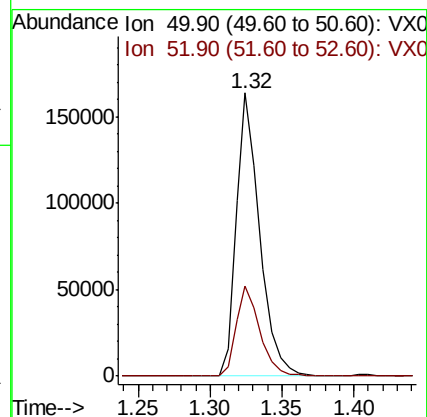
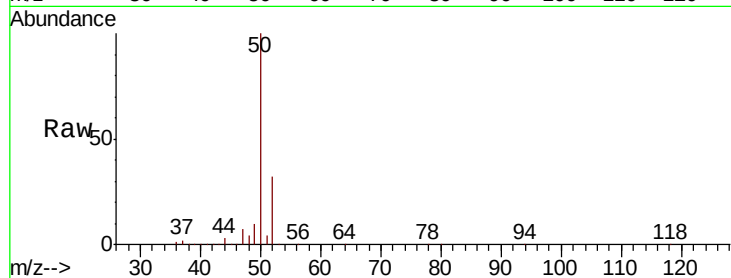
VSTDCCC050

Tot Ion: 50 Resp: 186839

Ion Ratio Lower Upper

50 100

52 32.0 26.2 39.2



#4

Vinyl Chloride

Concen: 55.011 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004885.D

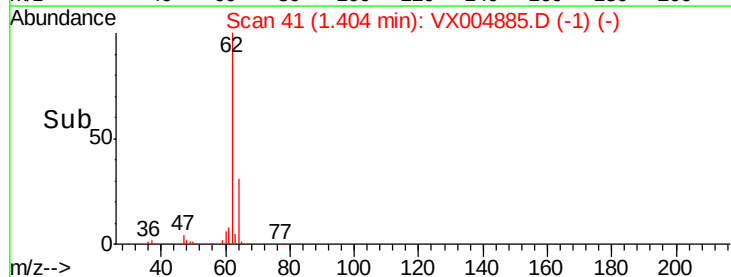
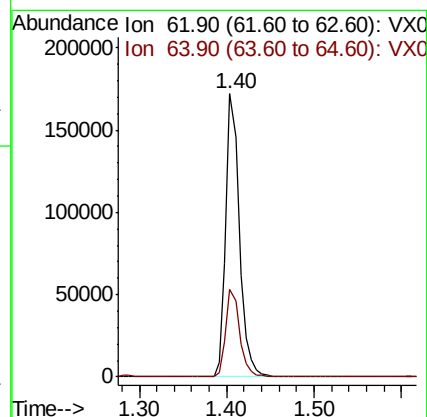
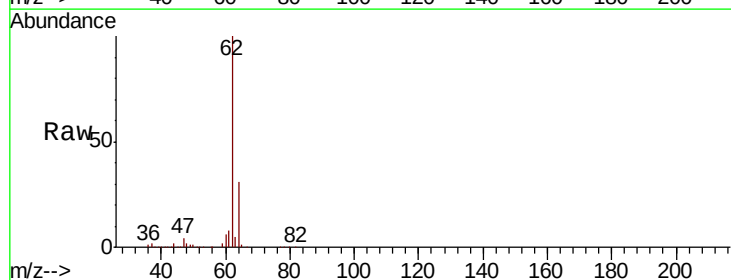
Acq: 01 Oct 2018 22:10

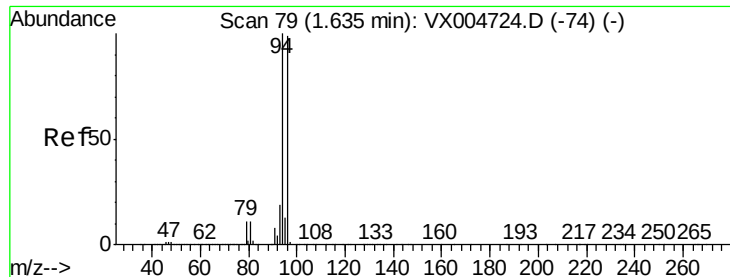
Tgt Ion: 62 Resp: 184188

Ion Ratio Lower Upper

62 100

64 31.1 25.8 38.8





#5

Bromomethane

Concen: 71.735 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA\_X

ClientSampleId :

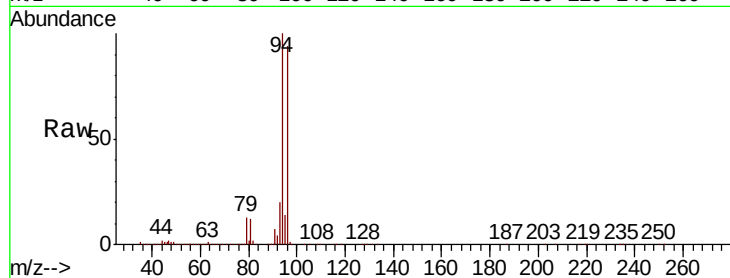
VSTDCCC050

Tot Ion: 94 Resp: 142425

Ion Ratio Lower Upper

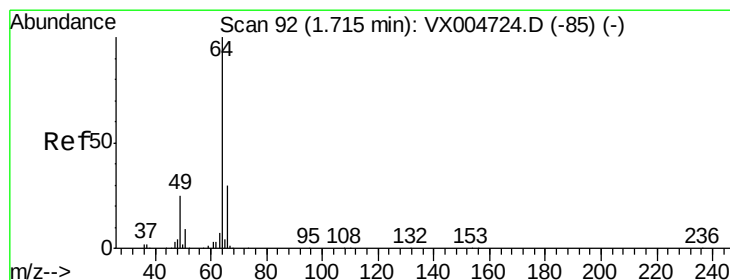
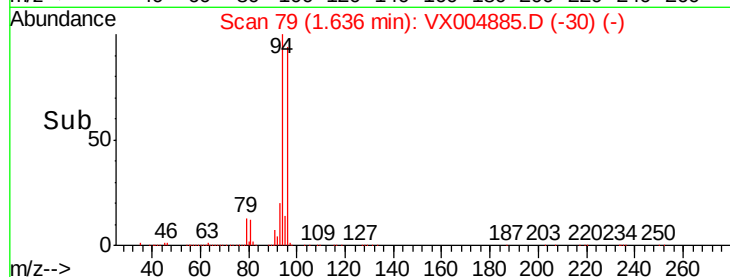
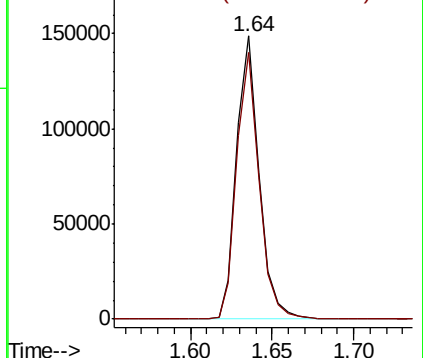
94 100

96 94.2 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 60.694 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX004885.D

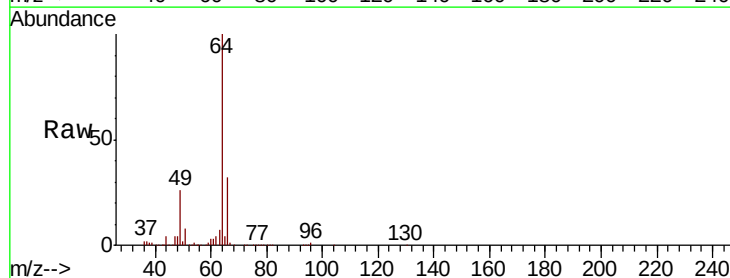
Acq: 01 Oct 2018 22:10

Tgt Ion: 64 Resp: 109839

Ion Ratio Lower Upper

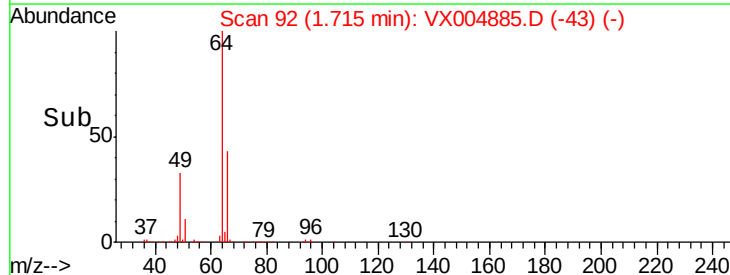
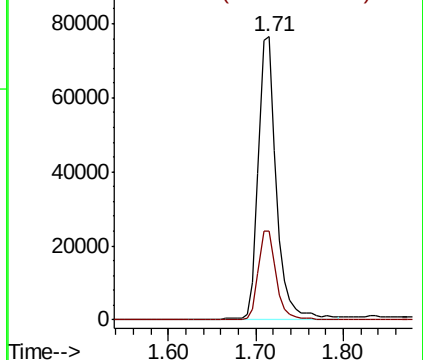
64 100

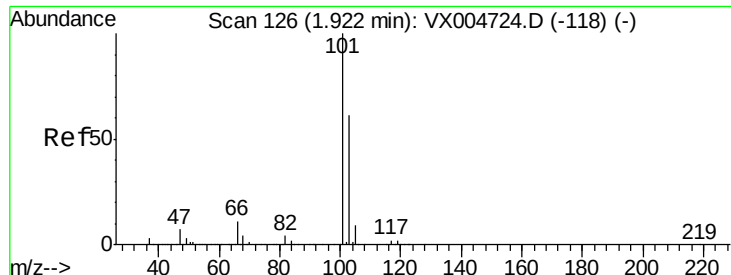
66 31.5 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



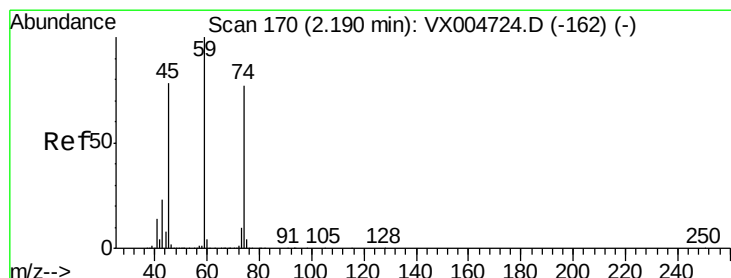
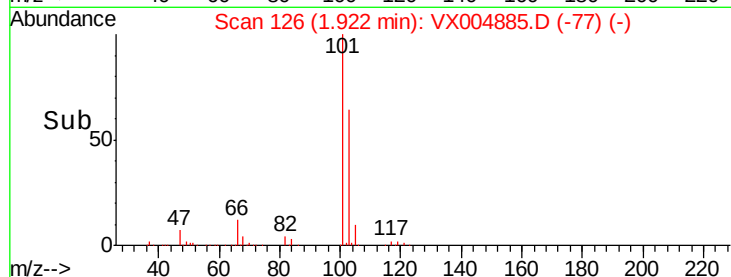
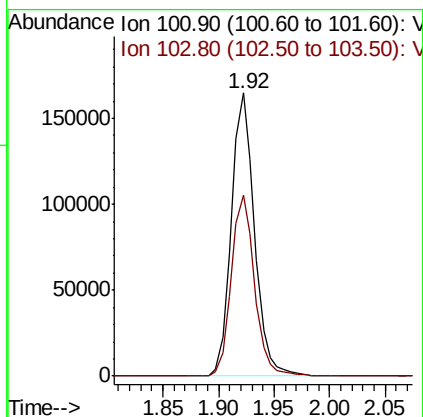
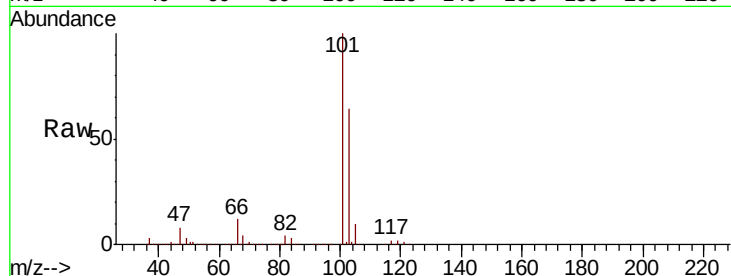


#7

Trichlorofluoromethane  
Concen: 57.155 ug/l  
RT: 1.92 min Scan# 126  
Delta R.T. 0.00 min  
Lab File: VX004885.D  
Acq: 01 Oct 2018 22:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

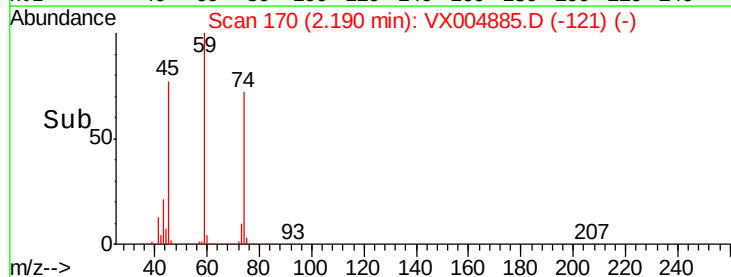
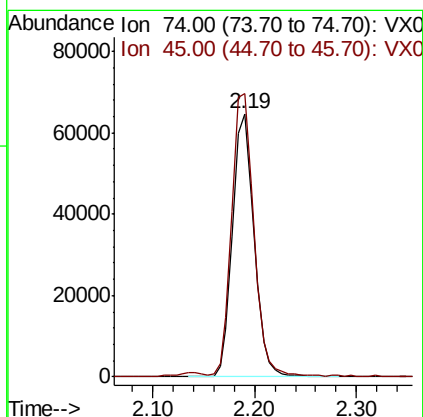
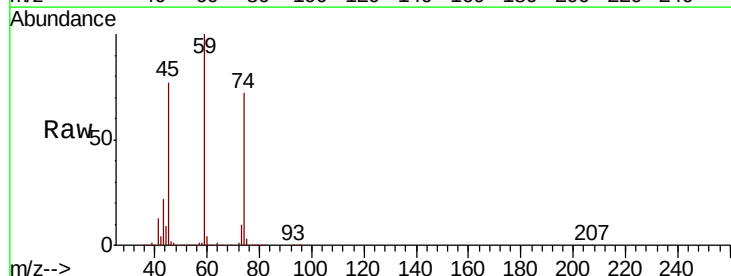
Tot Ion:101 Resp: 236909  
Ion Ratio Lower Upper  
101 100  
103 64.1 48.9 73.3



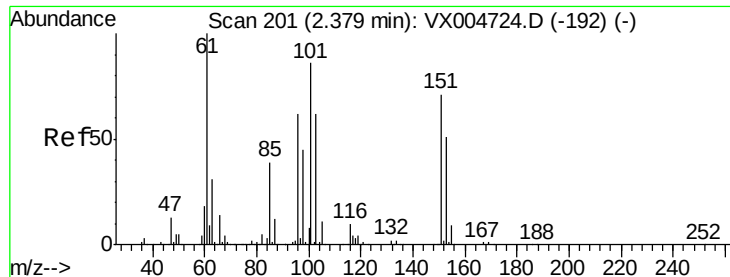
#8

Diethyl Ether  
Concen: 52.473 ug/l  
RT: 2.19 min Scan# 170  
Delta R.T. 0.00 min  
Lab File: VX004885.D  
Acq: 01 Oct 2018 22:10

Tgt Ion: 74 Resp: 94489  
Ion Ratio Lower Upper  
74 100  
45 108.9 48.3 144.8







#9

1,1,2-Trichlorotrifluoroethane

Concen: 55.437 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

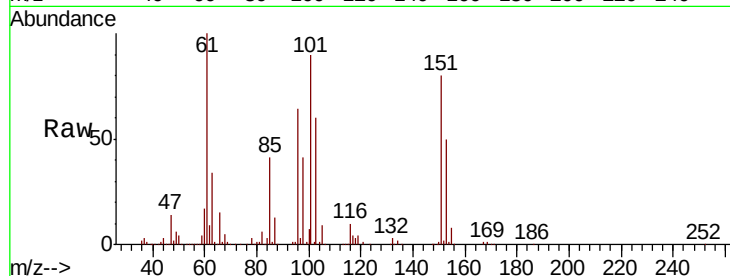
Tot Ion:101 Resp: 130893

Ion Ratio Lower Upper

101 100

85 44.6 34.2 51.4

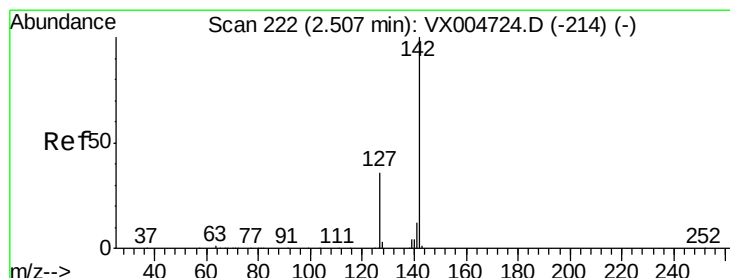
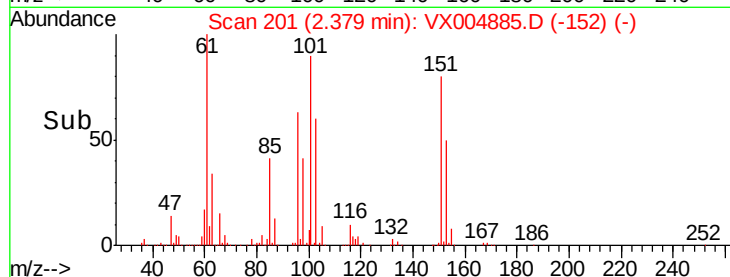
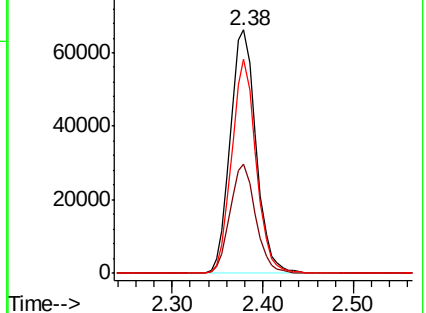
151 83.0 65.0 97.6



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: 42.263 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

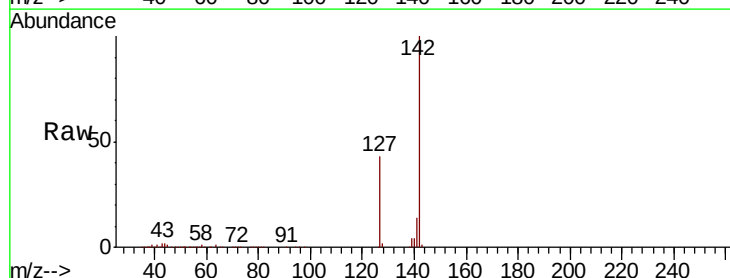
Tgt Ion:142 Resp: 133532

Ion Ratio Lower Upper

142 100

127 43.9 33.8 50.6

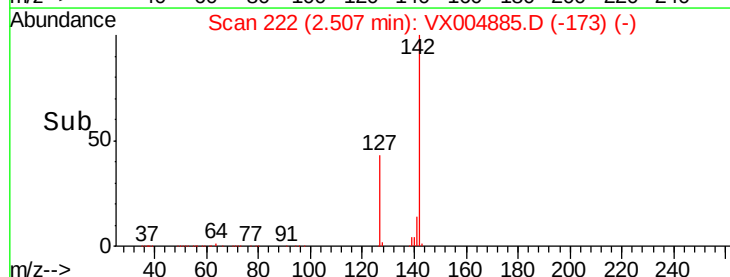
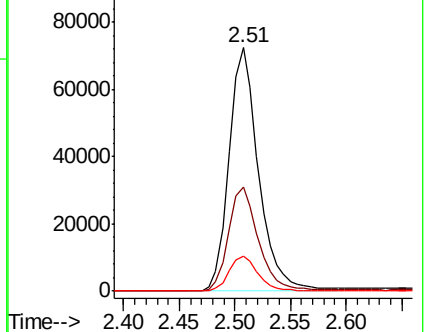
141 14.2 11.4 17.0

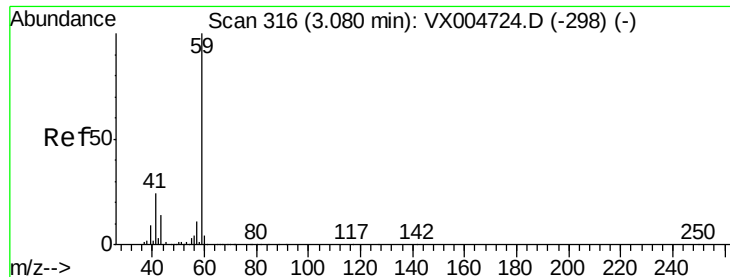


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



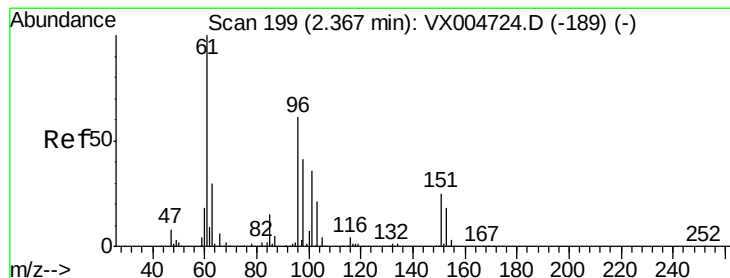
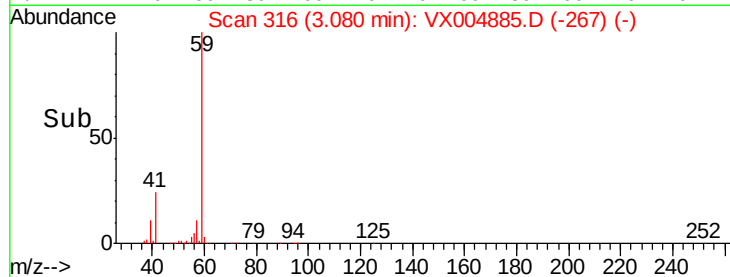
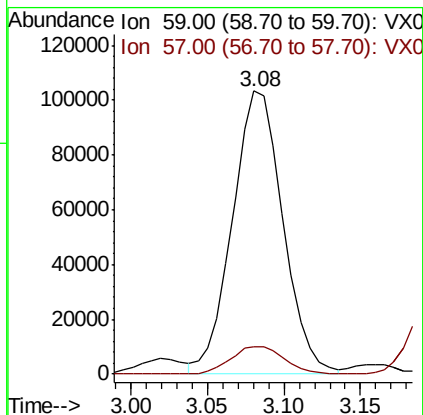
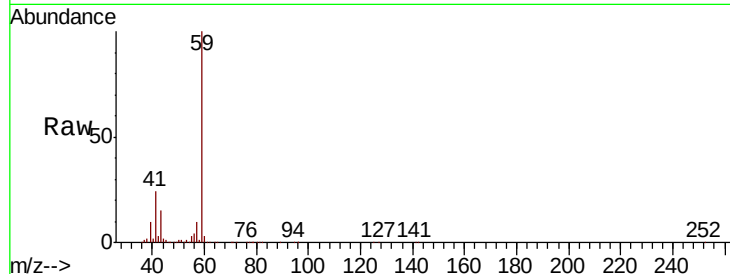


#11

Tert butyl alcohol  
 Concen: 275.047 ug/l  
 RT: 3.08 min Scan# 316  
 Delta R.T. 0.00 min  
 Lab File: VX004885.D  
 Acq: 01 Oct 2018 22:10

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

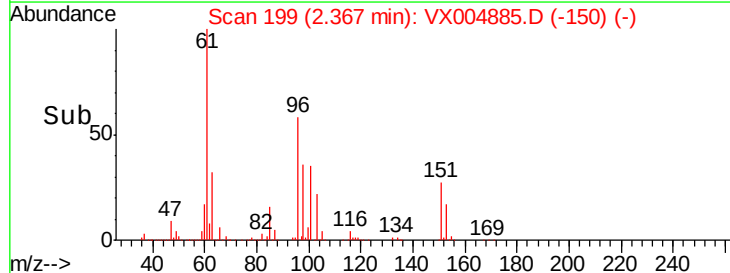
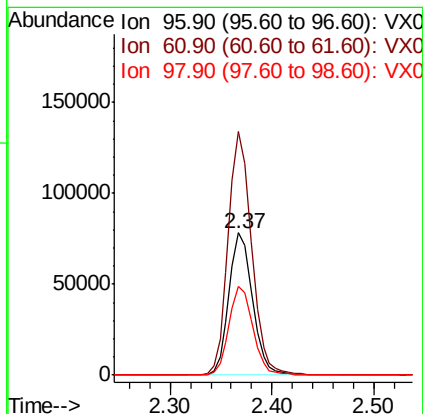
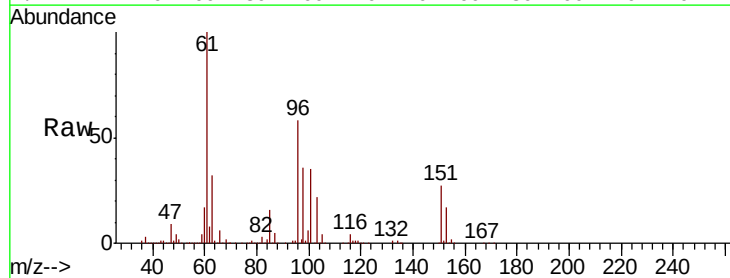
Tot Ion: 59 Resp: 237082  
 Ion Ratio Lower Upper  
 59 100  
 57 10.6 8.2 12.4

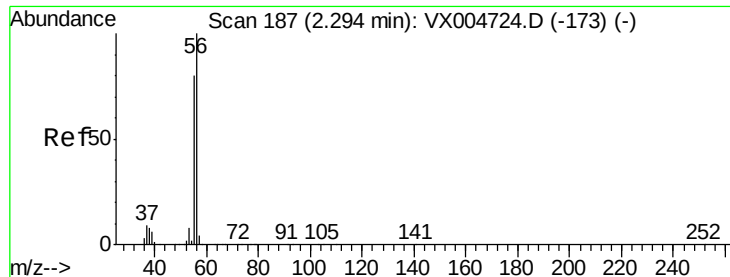


#12

1,1-Dichloroethene  
 Concen: 53.612 ug/l  
 RT: 2.37 min Scan# 199  
 Delta R.T. 0.00 min  
 Lab File: VX004885.D  
 Acq: 01 Oct 2018 22:10

Tgt Ion: 96 Resp: 125363  
 Ion Ratio Lower Upper  
 96 100  
 61 171.2 128.8 193.2  
 98 62.1 52.2 78.2





#13

Acrolein

Concen: 162.774 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA\_X

ClientSampleId :

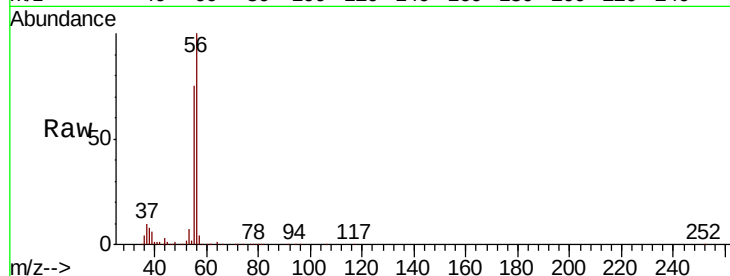
VSTDCCC050

Tot Ion: 56 Resp: 99827

Ion Ratio Lower Upper

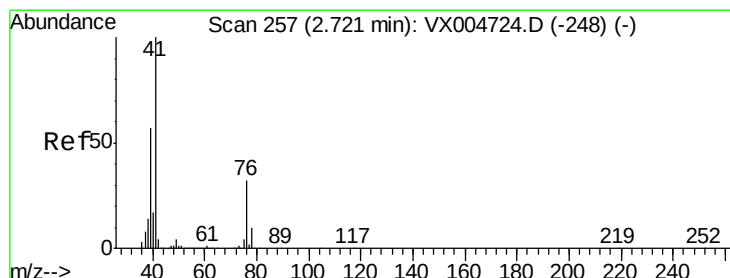
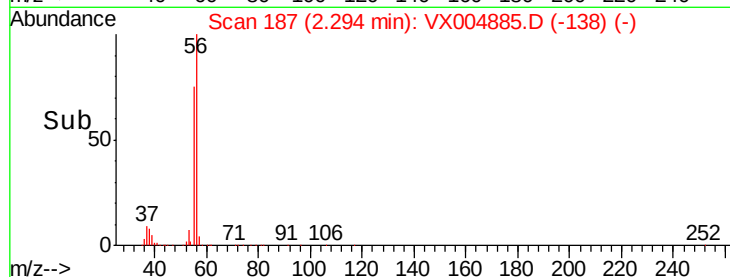
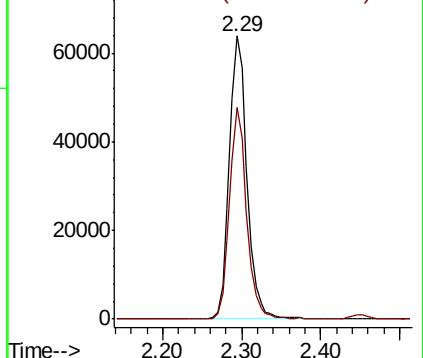
56 100

55 71.7 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 55.842 ug/l

RT: 2.72 min Scan# 257

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

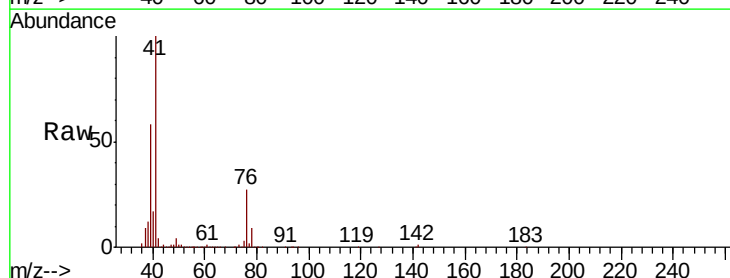
Tgt Ion: 41 Resp: 284907

Ion Ratio Lower Upper

41 100

39 58.5 48.9 73.3

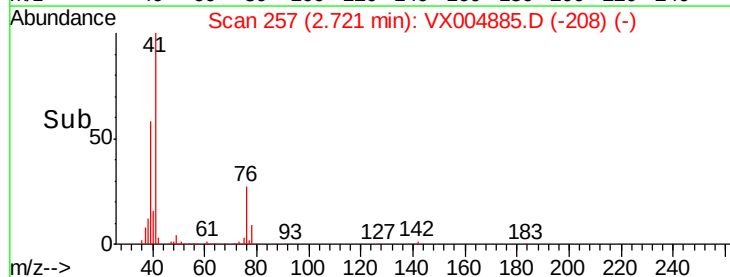
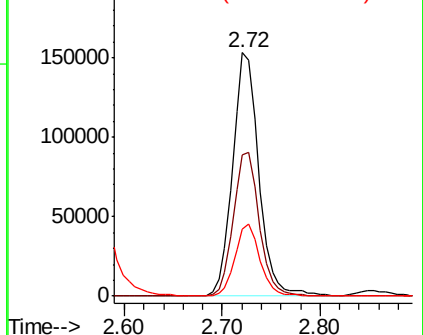
76 28.1 26.7 40.1

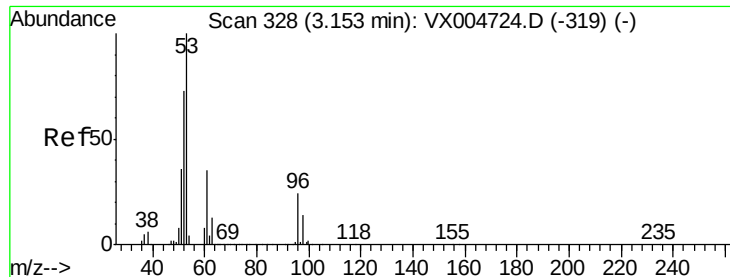


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 279.421 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

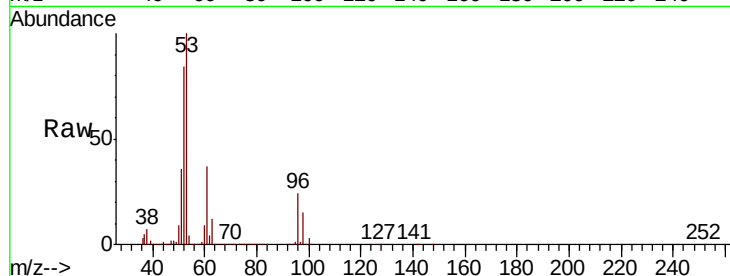
MSVOA\_X

ClientSampleId :

VSTDCCC050

Tot Ion: 53 Resp: 530207

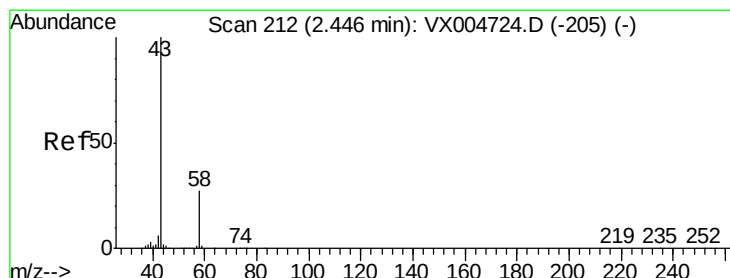
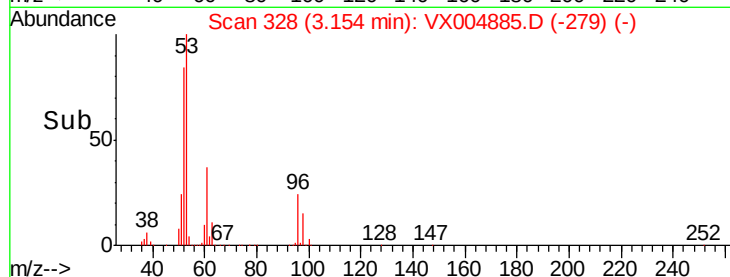
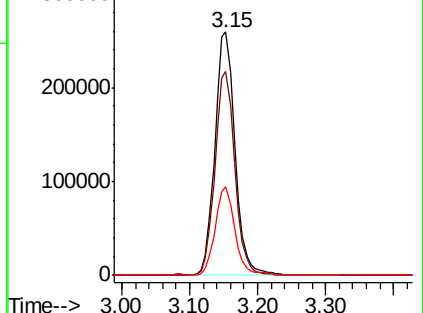
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 53  | 100   |       |       |
| 52  | 82.6  | 65.2  | 97.8  |
| 51  | 35.8  | 28.2  | 42.2  |



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: 259.955 ug/l

RT: 2.45 min Scan# 212

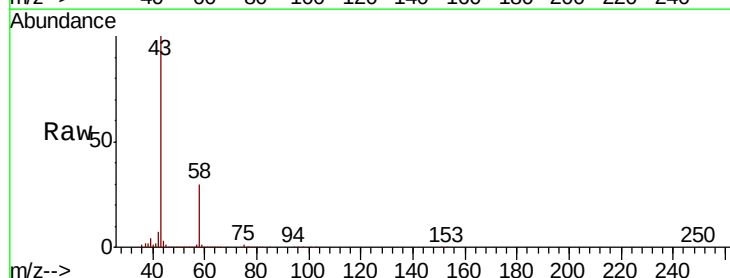
Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

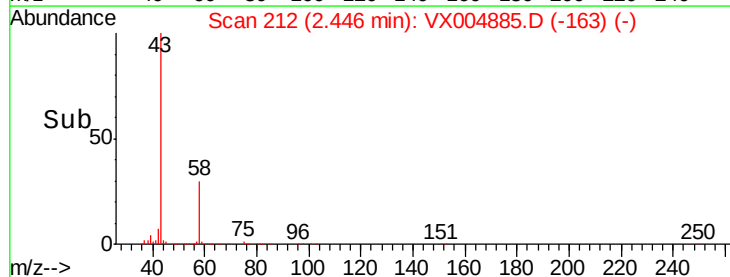
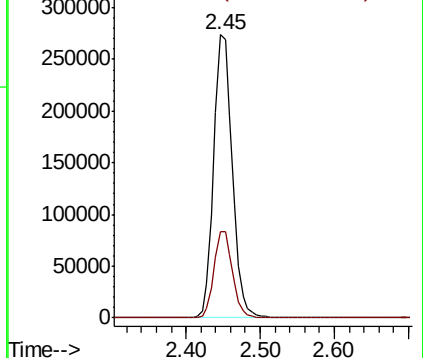
Tgt Ion: 43 Resp: 467861

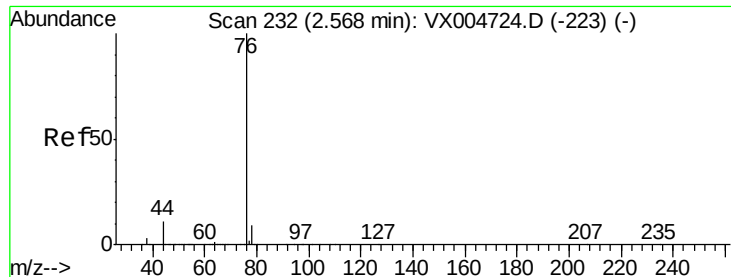
| Ion | Ratio | Lower | Upper |
|-----|-------|-------|-------|
| 43  | 100   |       |       |
| 58  | 30.3  | 26.2  | 39.4  |



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 50.594 ug/l

RT: 2.56 min Scan# 231

Delta R.T. -0.01 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA\_X

ClientSampleId :

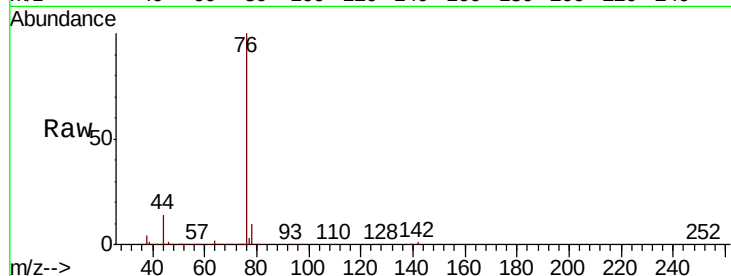
VSTDCCC050

Tot Ion: 76 Resp: 355491

Ion Ratio Lower Upper

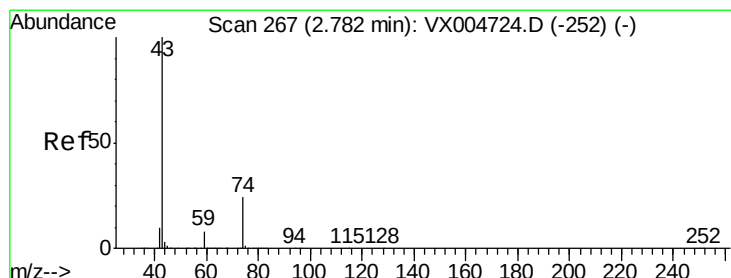
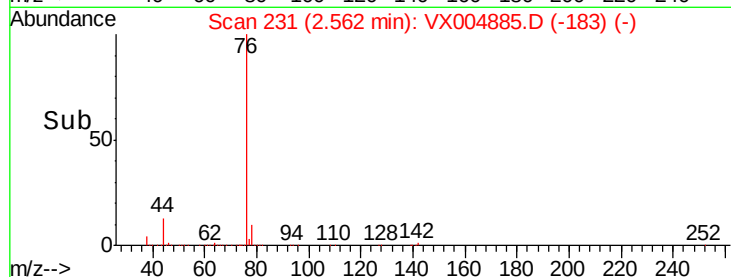
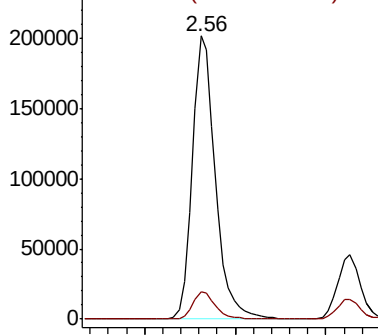
76 100

78 9.5 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 61.030 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX004885.D

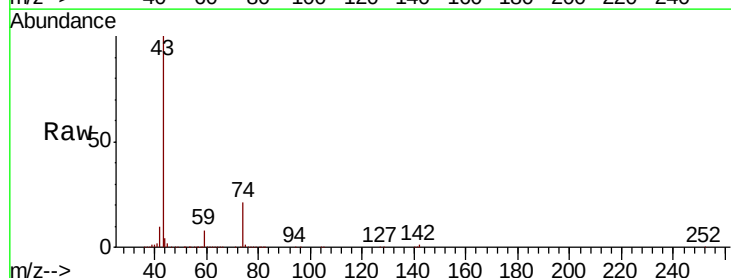
Acq: 01 Oct 2018 22:10

Tgt Ion: 43 Resp: 278291

Ion Ratio Lower Upper

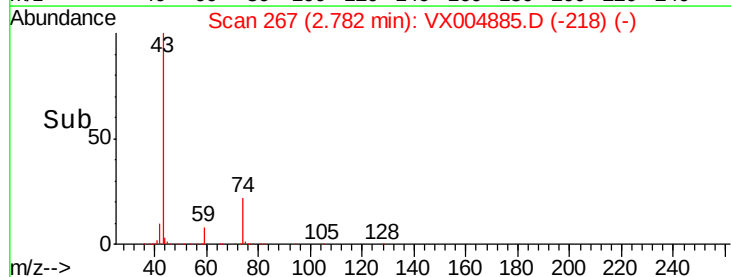
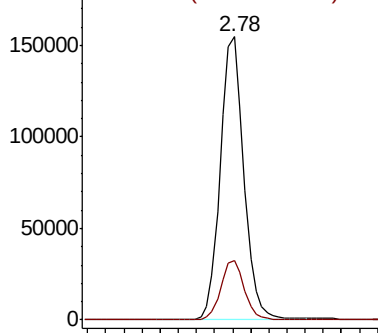
43 100

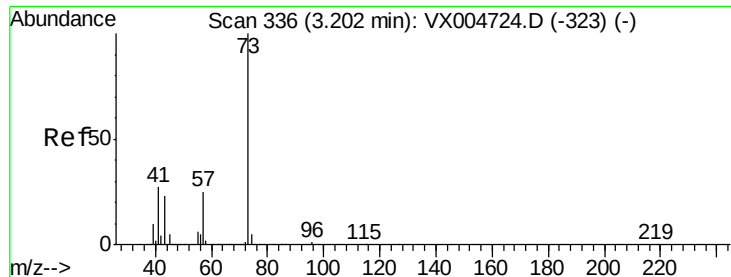
74 20.8 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

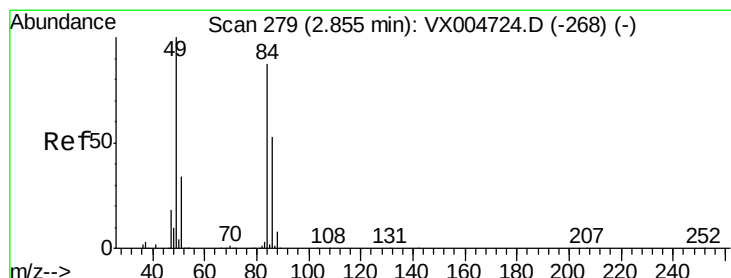
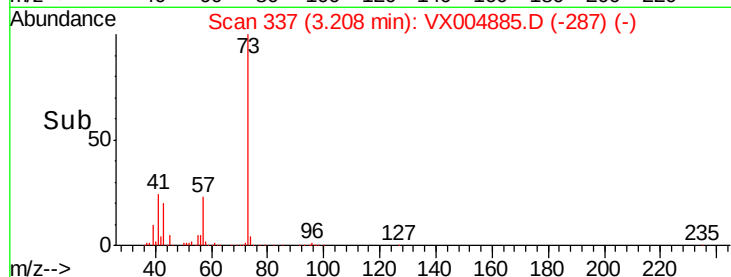
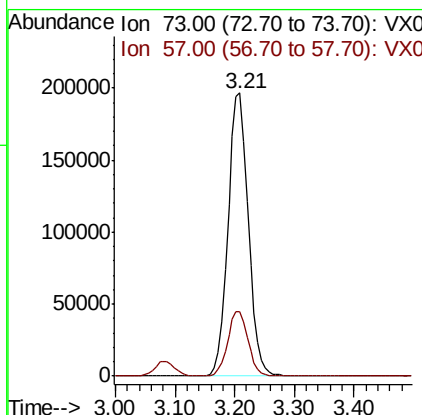
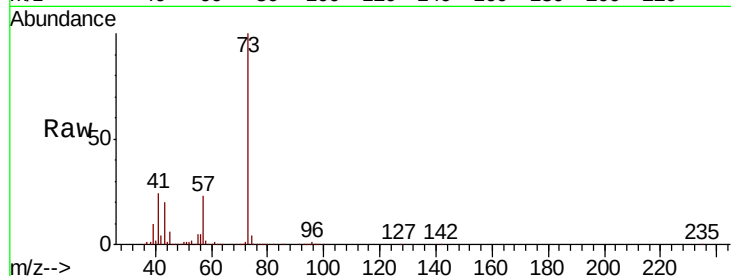




#19  
Methyl tert-butyl Ether  
Concen: 57.519 ug/l  
RT: 3.21 min Scan# 337  
Delta R.T. 0.01 min  
Lab File: VX004885.D  
Acq: 01 Oct 2018 22:10

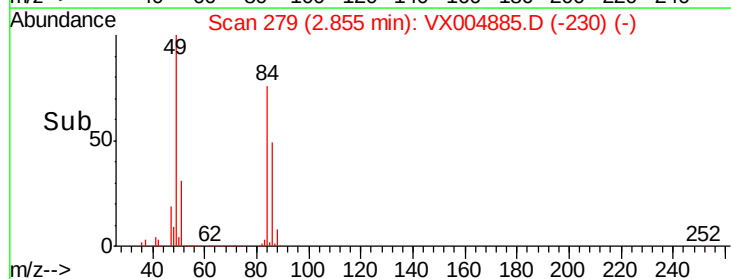
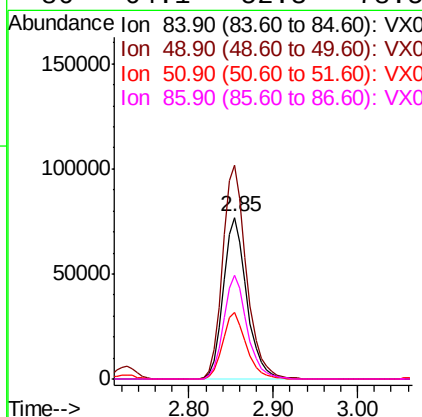
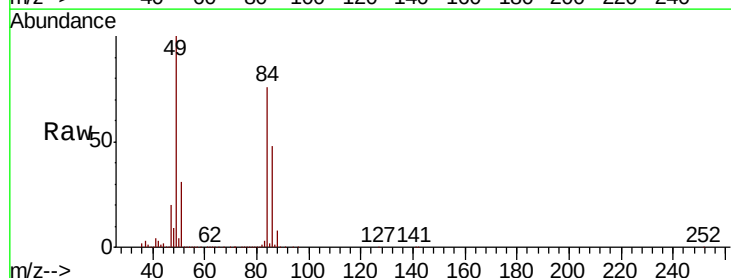
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

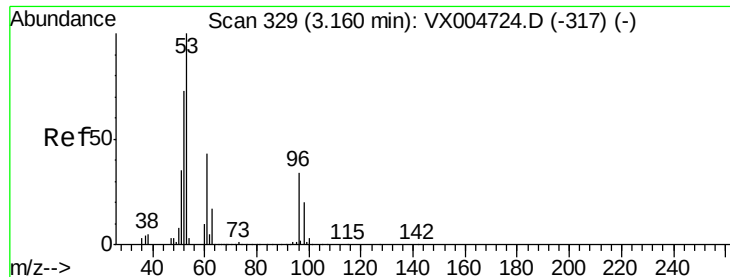
Tot Ion: 73 Resp: 463930  
Ion Ratio Lower Upper  
73 100  
57 22.9 17.1 25.7



#20  
Methylene Chloride  
Concen: 56.141 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. 0.00 min  
Lab File: VX004885.D  
Acq: 01 Oct 2018 22:10

Tgt Ion: 84 Resp: 146641  
Ion Ratio Lower Upper  
84 100  
49 132.1 101.2 151.8  
51 41.1 29.5 44.3  
86 64.1 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 52.688 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

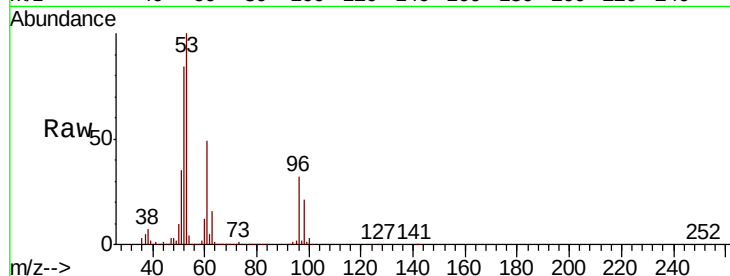
Tot Ion: 96 Resp: 134865

Ion Ratio Lower Upper

96 100

61 150.9 113.8 170.6

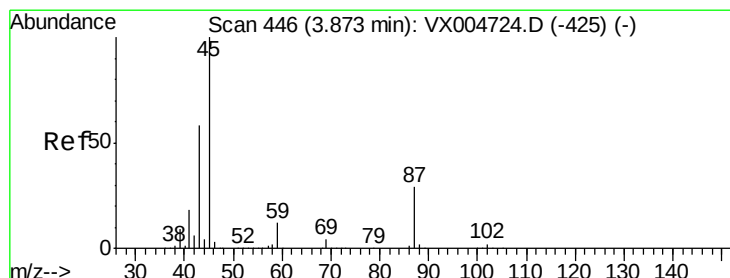
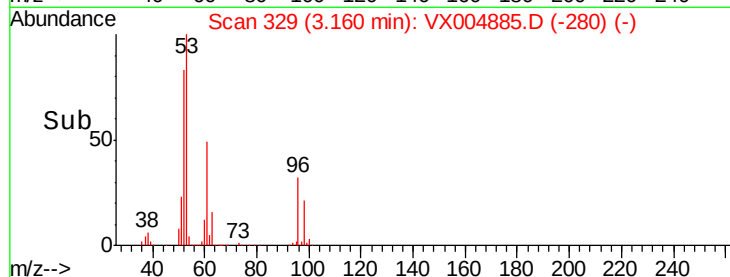
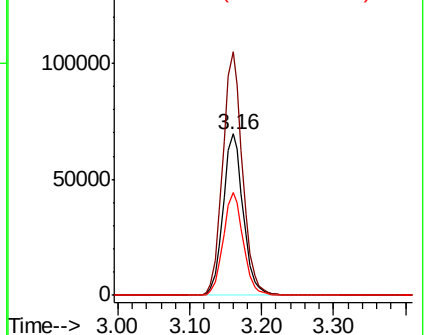
98 63.7 51.8 77.8



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: 55.917 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Tgt Ion: 45 Resp: 480399

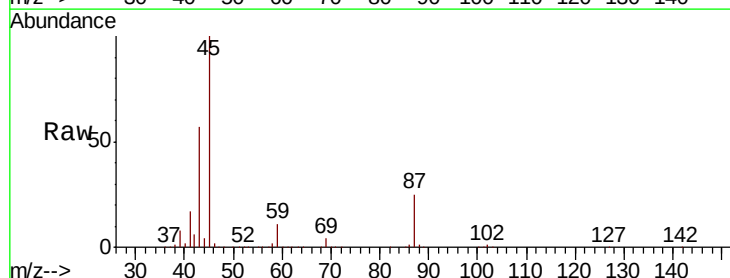
Ion Ratio Lower Upper

45 100

43 57.0 42.8 64.2

87 24.7 22.6 34.0

59 11.1 9.6 14.4

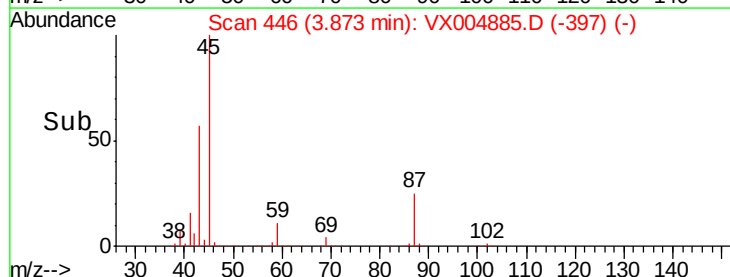
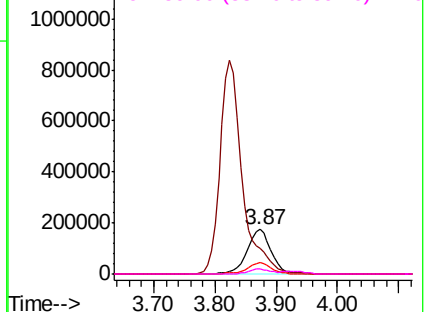


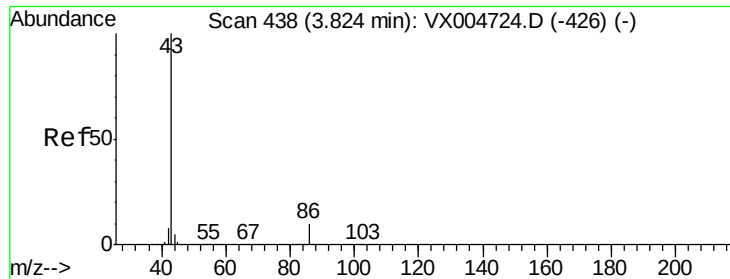
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 271.064 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA\_X

ClientSampleId :

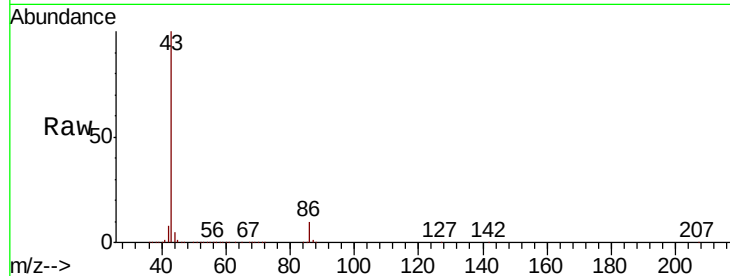
VSTDCCC050

Tot Ion: 43 Resp: 2131685

Ion Ratio Lower Upper

43 100

86 9.5 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.82

800000

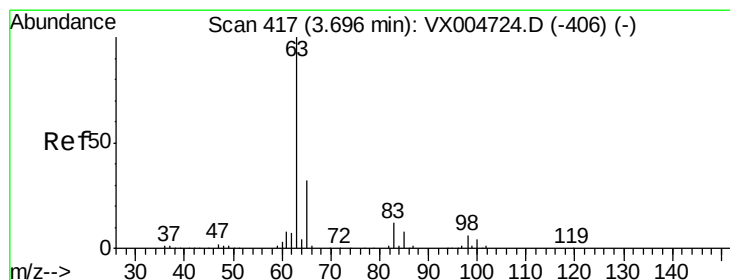
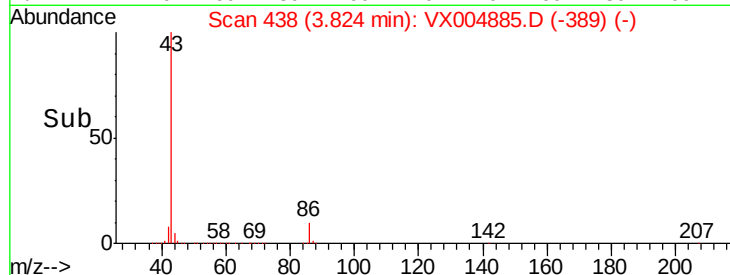
600000

400000

200000

0

Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 50.713 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

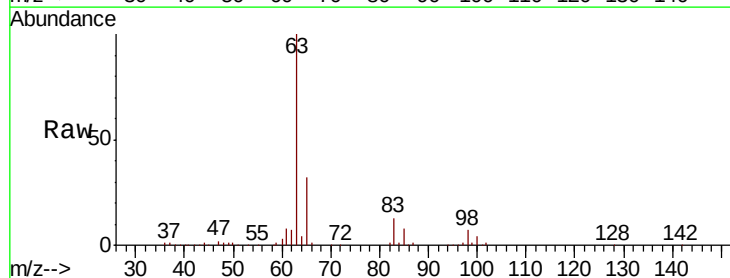
Tgt Ion: 63 Resp: 259893

Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.4

100 4.3 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

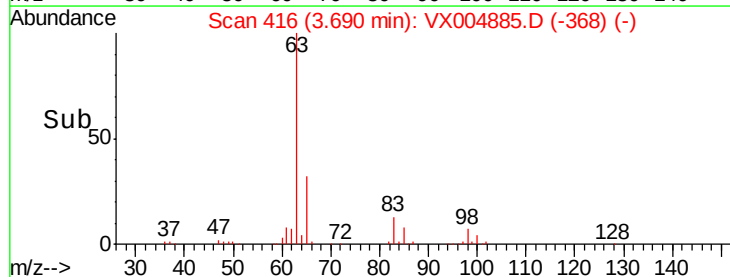
150000

100000

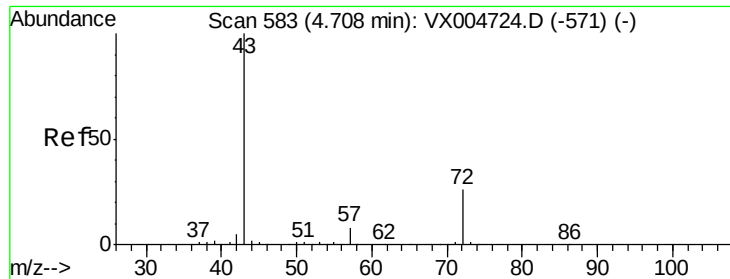
50000

0

Time--> 3.60 3.70 3.80







#25

2-Butanone

Concen: 268.655 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA\_X

ClientSampleId :

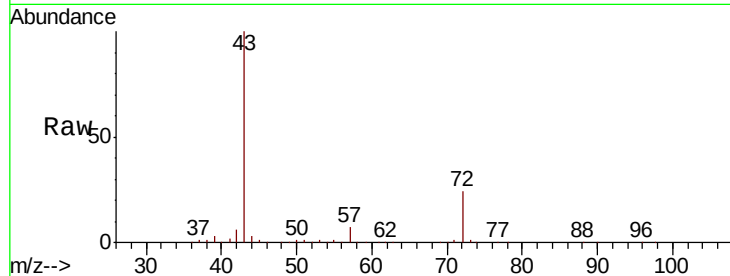
VSTDCCC050

Tot Ion: 43 Resp: 712722

Ion Ratio Lower Upper

43 100

72 24.2 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

250000

200000

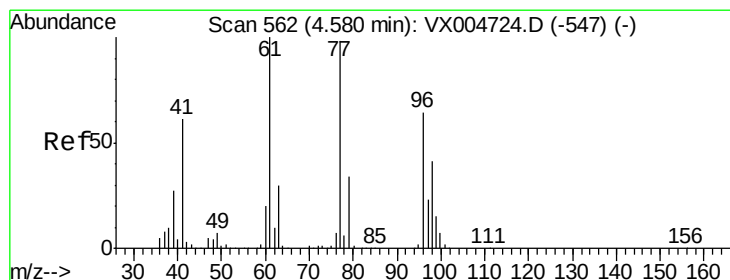
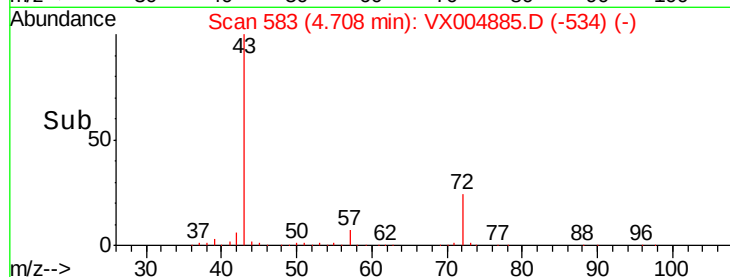
150000

100000

50000

0

Time-->



#26

2,2-Dichloropropane

Concen: 47.939 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004885.D

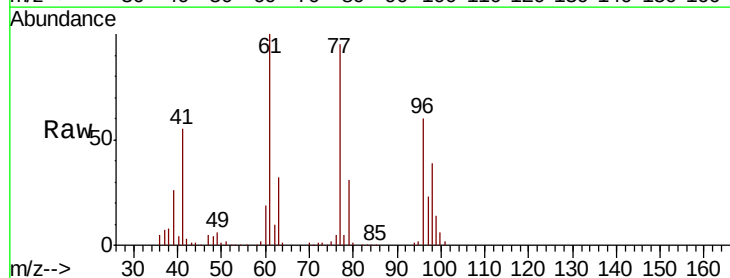
Acq: 01 Oct 2018 22:10

Tgt Ion: 77 Resp: 171081

Ion Ratio Lower Upper

77 100

97 23.6 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

60000

50000

40000

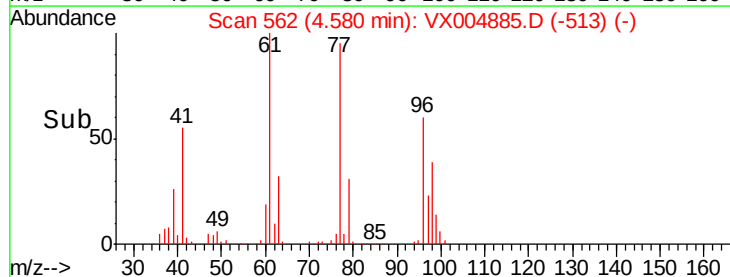
30000

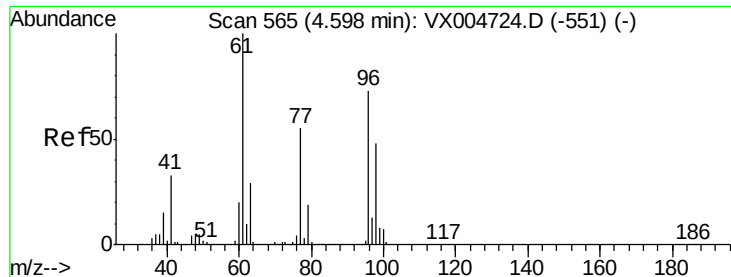
20000

10000

0

Time-->



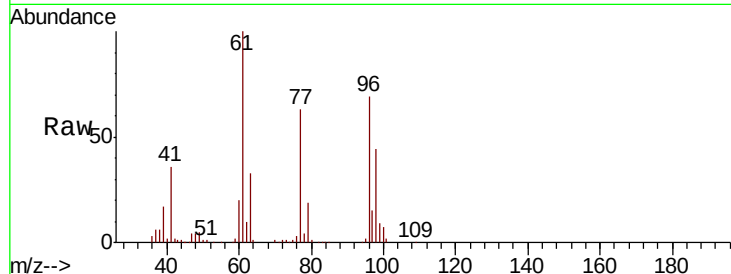


#27

cis-1,2-Dichloroethene  
 Concen: 51.145 ug/l  
 RT: 4.59 min Scan# 564  
 Delta R.T. -0.01 min  
 Lab File: VX004885.D  
 Acq: 01 Oct 2018 22:10

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 148.9 | 0.0   | 282.6 |
| 98      | 64.8  | 0.0   | 130.2 |

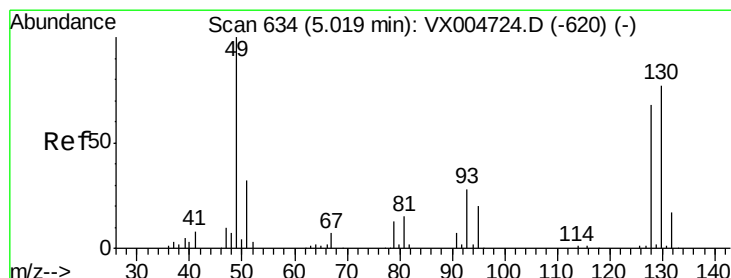
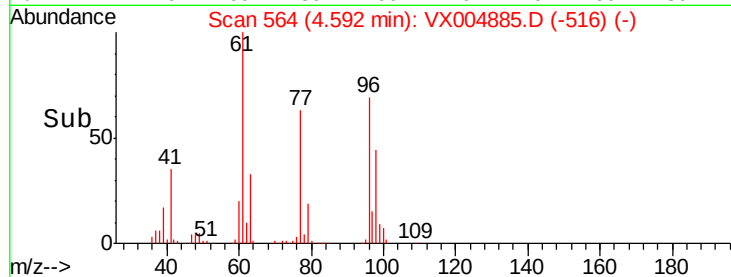
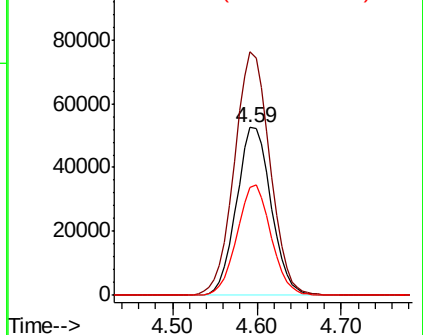


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

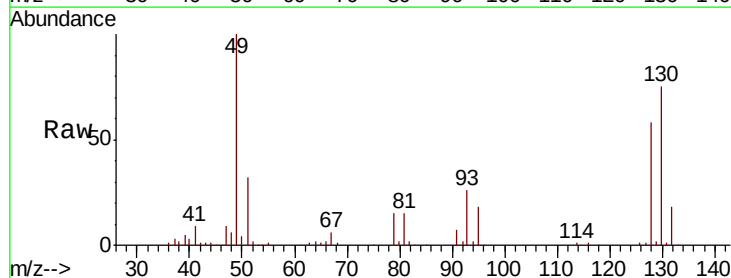
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane  
 Concen: 50.400 ug/l  
 RT: 5.02 min Scan# 634  
 Delta R.T. 0.00 min  
 Lab File: VX004885.D  
 Acq: 01 Oct 2018 22:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 1.9   | 0.0   | 4.2   |
| 130     | 75.0  | 67.5  | 101.3 |

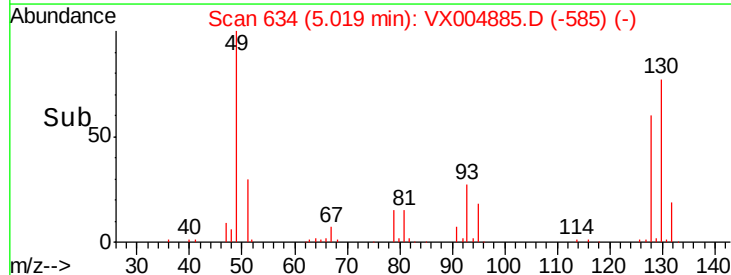
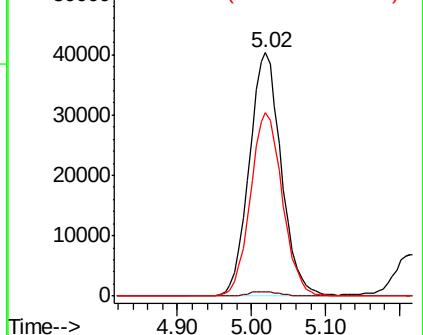


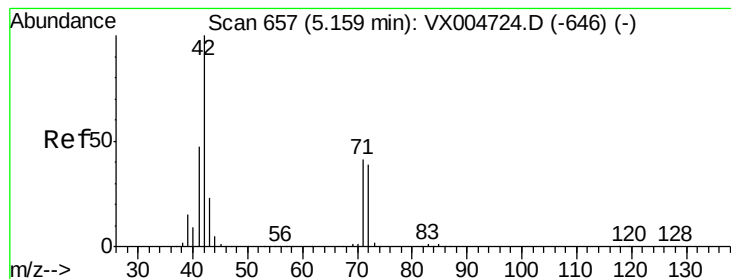
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 284.938 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

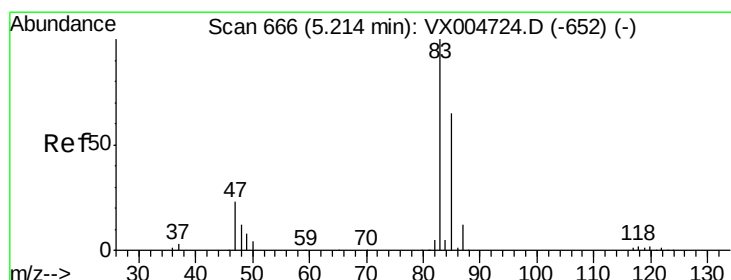
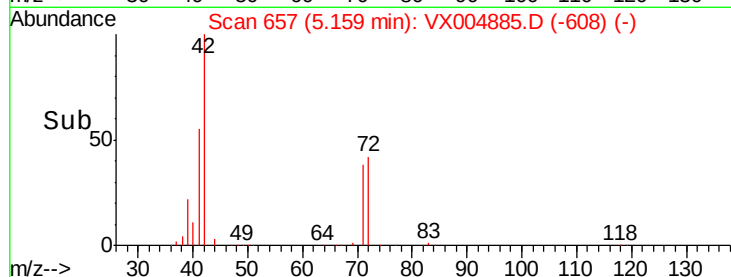
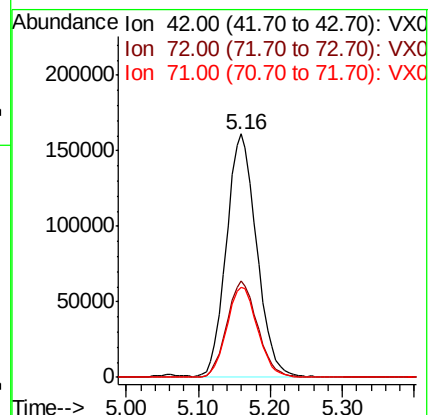
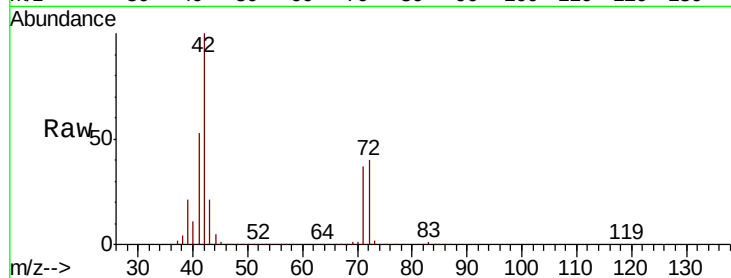
Tot Ion: 42 Resp: 469830

Ion Ratio Lower Upper

42 100

72 40.4 37.4 56.0

71 37.9 34.5 51.7



#30

Chloroform

Concen: 52.585 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX004885.D

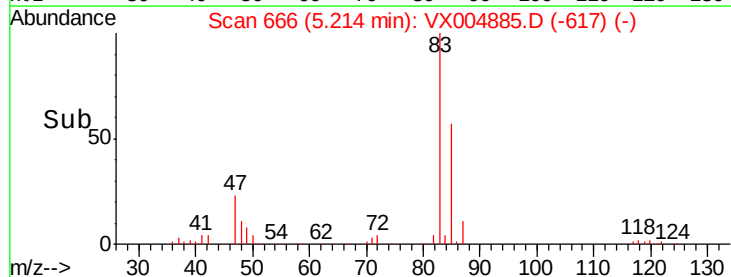
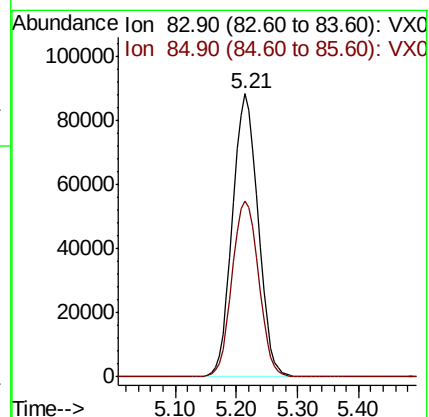
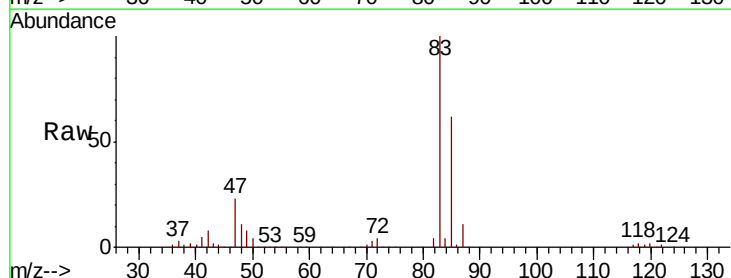
Acq: 01 Oct 2018 22:10

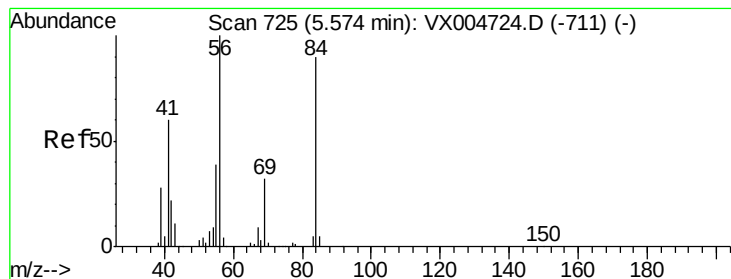
Tgt Ion: 83 Resp: 254694

Ion Ratio Lower Upper

83 100

85 62.4 52.6 79.0





#31

Cyclohexane

Concen: 57.069 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

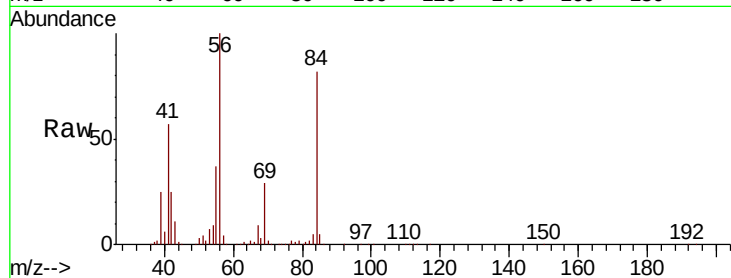
Tot Ion: 56 Resp: 223845

Ion Ratio Lower Upper

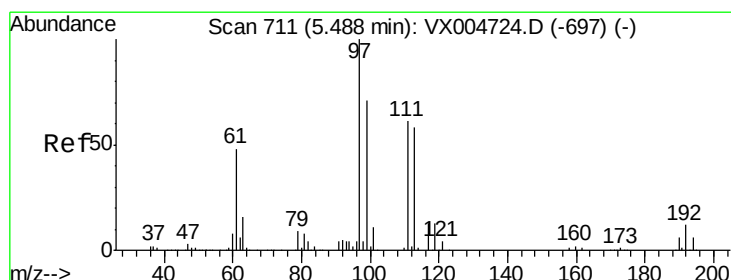
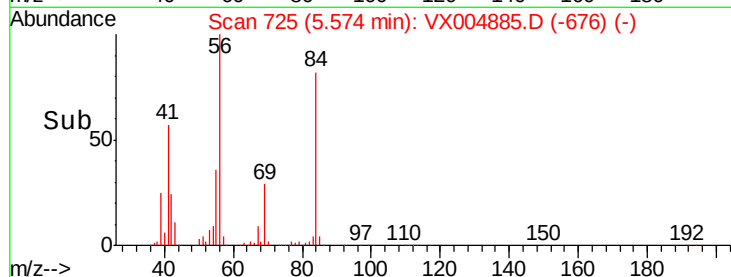
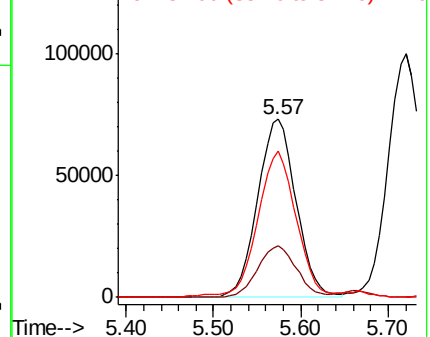
56 100

69 29.3 25.4 38.2

84 81.1 71.4 107.2



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: 54.550 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

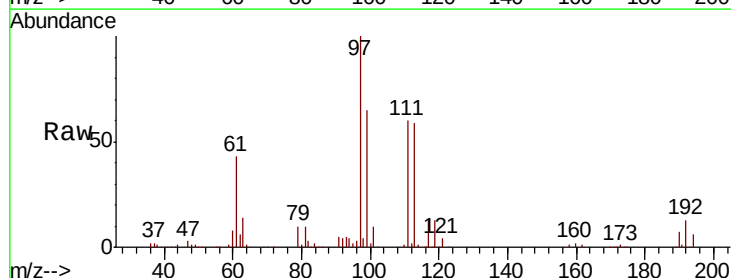
Tgt Ion: 97 Resp: 215775

Ion Ratio Lower Upper

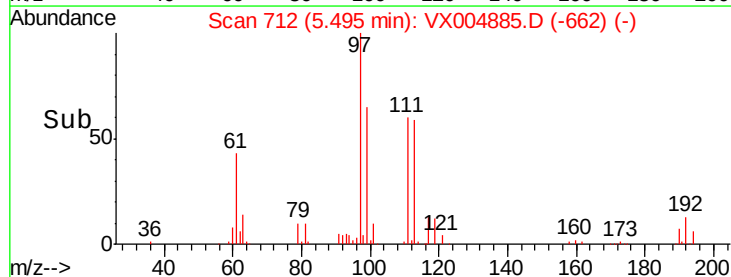
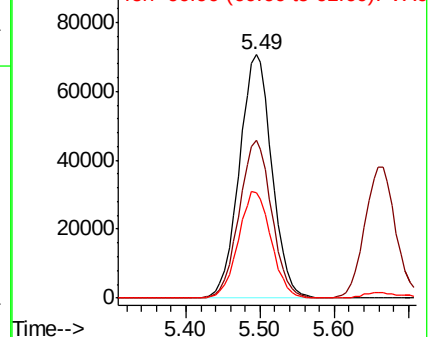
97 100

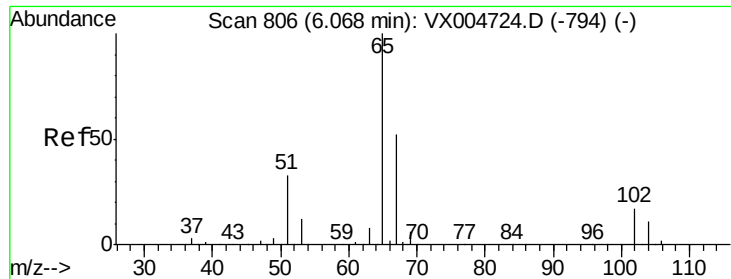
99 64.9 52.0 78.0

61 44.1 34.9 52.3



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

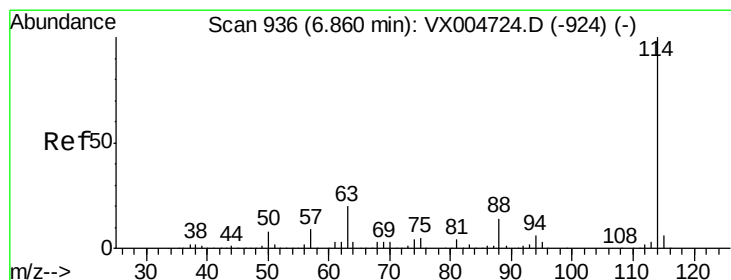
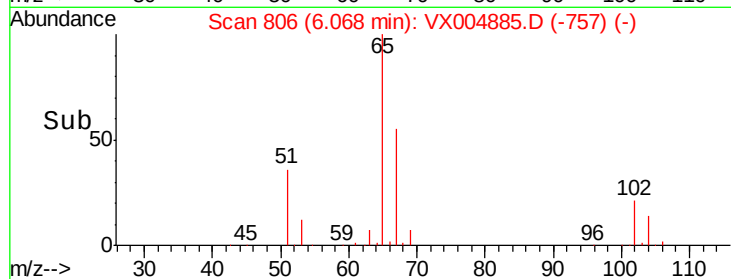
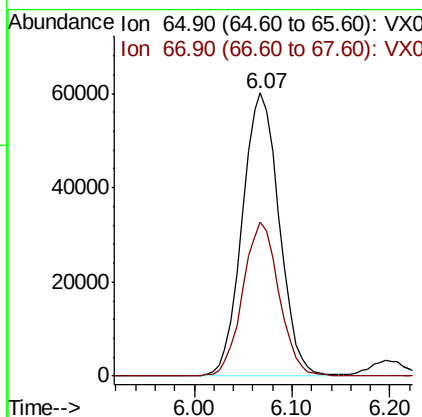
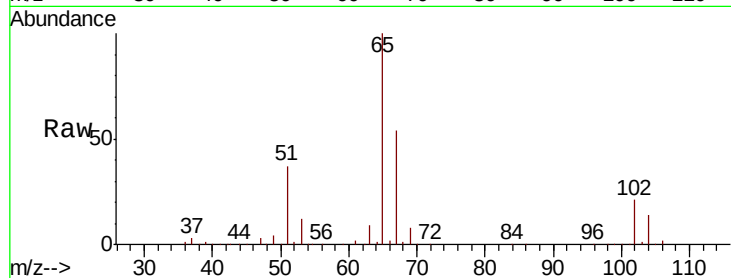




#33  
 1,2-Dichloroethane-d4  
 Concen: 51.124 ug/l  
 RT: 6.07 min Scan# 806  
 Delta R.T. 0.00 min  
 Lab File: VX004885.D  
 Acq: 01 Oct 2018 22:10

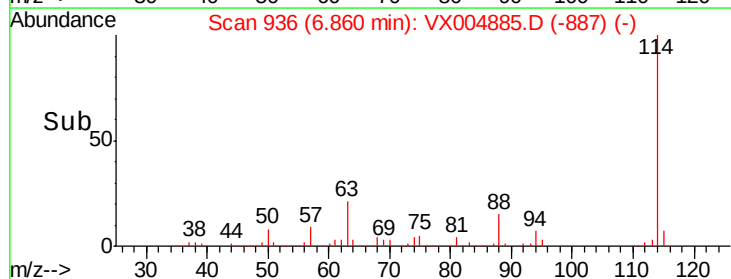
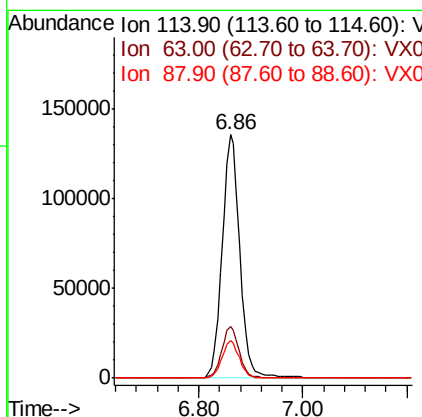
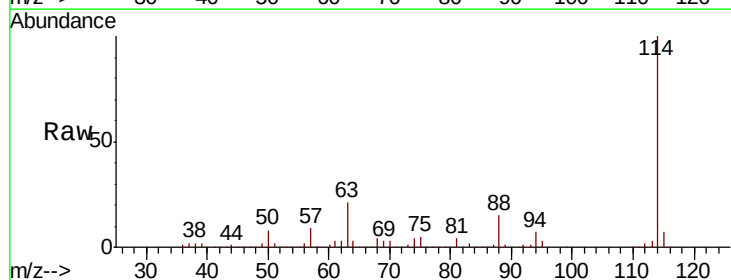
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

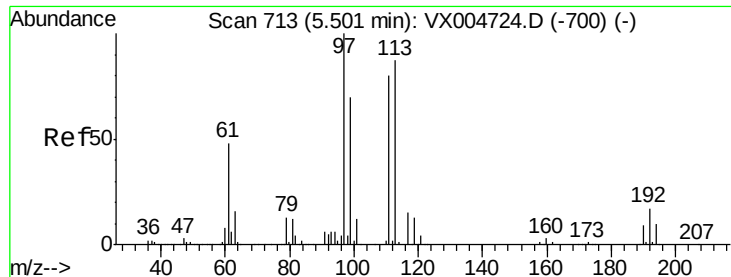
Tot Ion: 65 Resp: 157603  
 Ion Ratio Lower Upper  
 65 100  
 67 53.3 0.0 106.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. 0.00 min  
 Lab File: VX004885.D  
 Acq: 01 Oct 2018 22:10

Tgt Ion: 114 Resp: 324953  
 Ion Ratio Lower Upper  
 114 100  
 63 21.3 0.0 39.0  
 88 15.3 0.0 30.4





#35

Dibromofluoromethane

Concen: 46.814 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

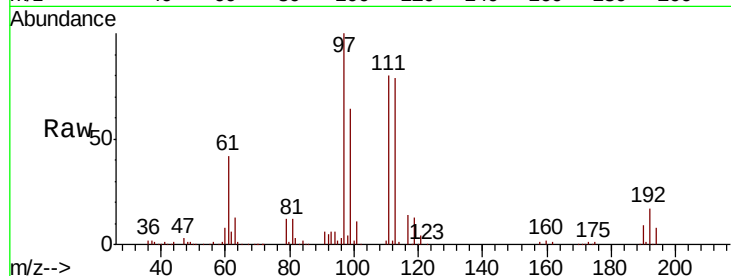
Tot Ion:113 Resp: 128927

Ion Ratio Lower Upper

113 100

111 101.8 82.4 123.6

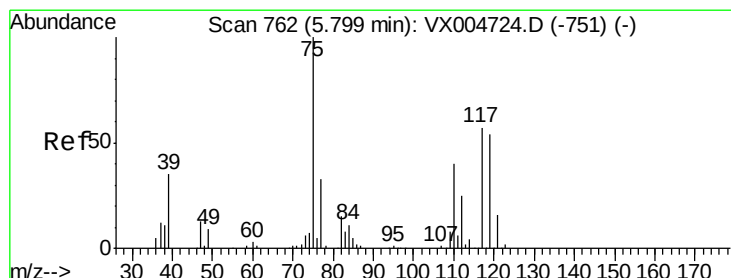
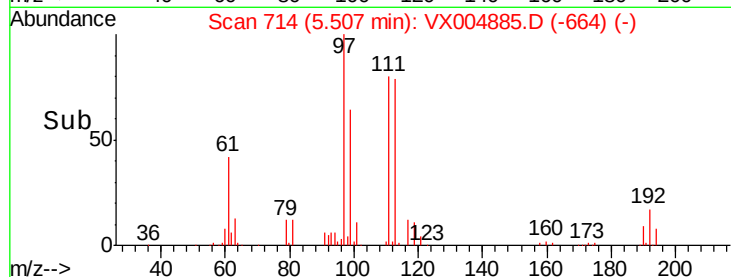
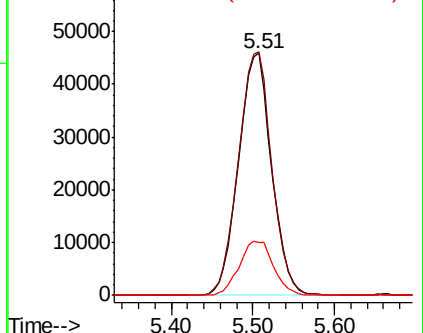
192 23.1 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.682 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

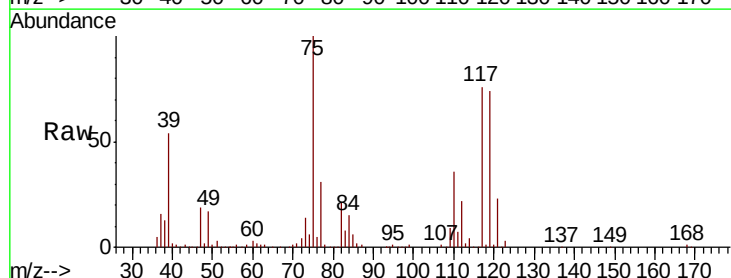
Tgt Ion: 75 Resp: 186682

Ion Ratio Lower Upper

75 100

110 35.4 18.0 54.0

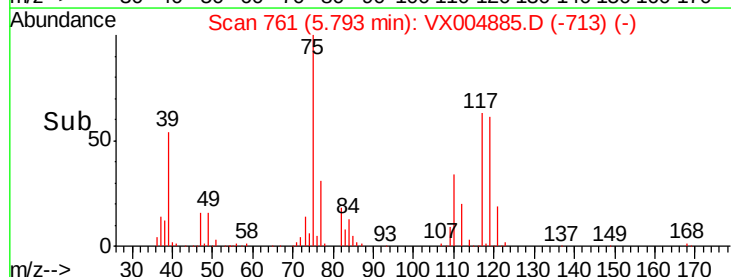
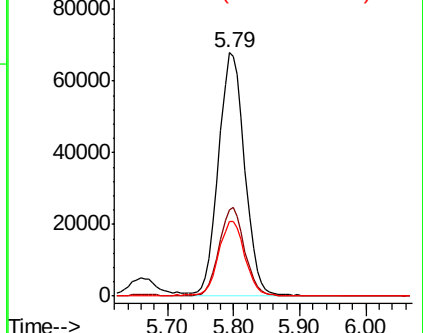
77 30.5 24.6 36.8

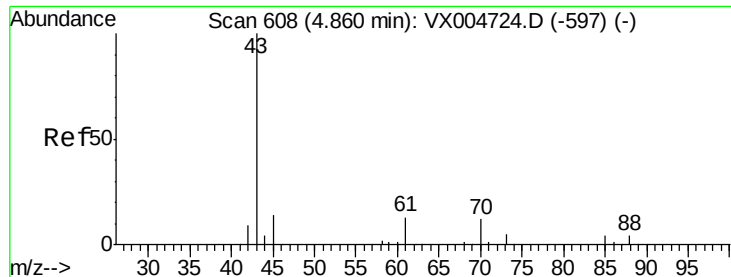


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 49.648 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

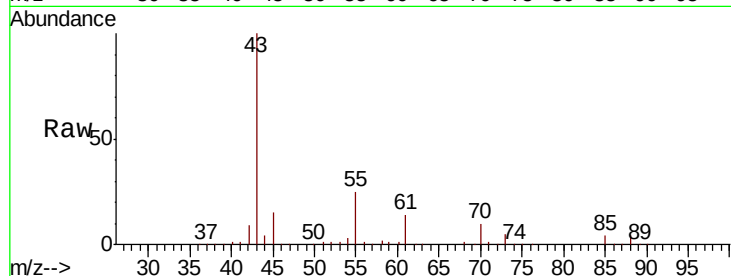
Tot Ion: 43 Resp: 247630

Ion Ratio Lower Upper

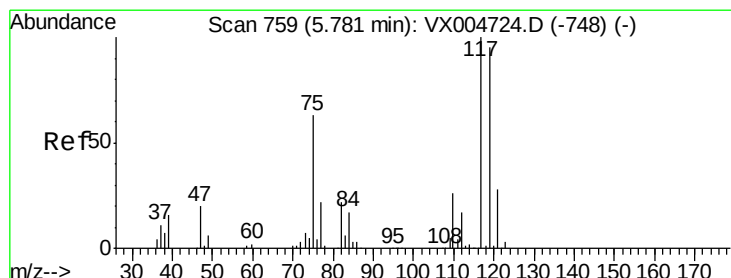
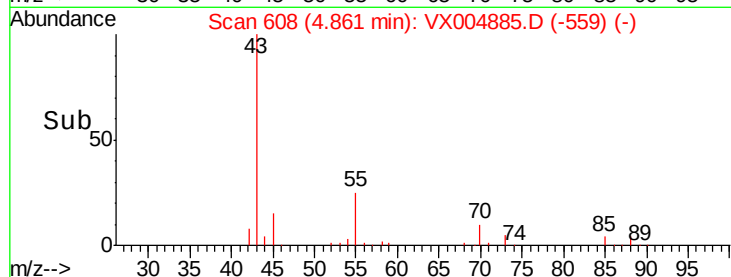
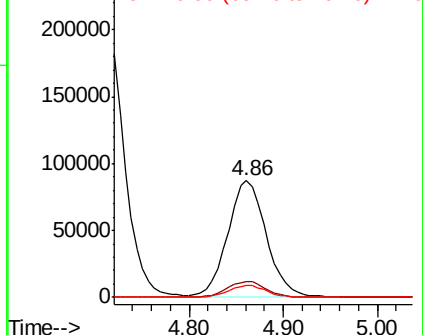
43 100

61 13.7 11.5 17.3

70 10.1 9.0 13.6



Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 47.561 ug/l

RT: 5.78 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

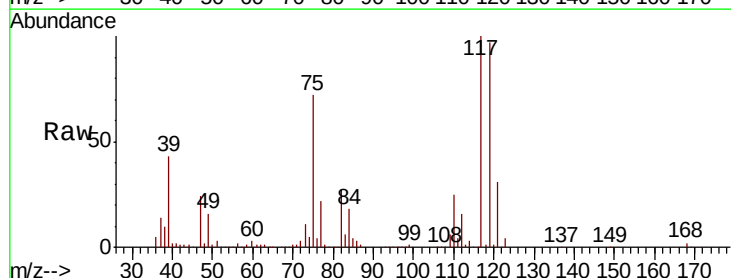
Tgt Ion: 117 Resp: 187856

Ion Ratio Lower Upper

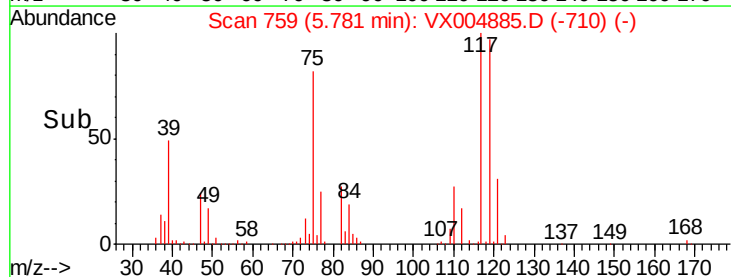
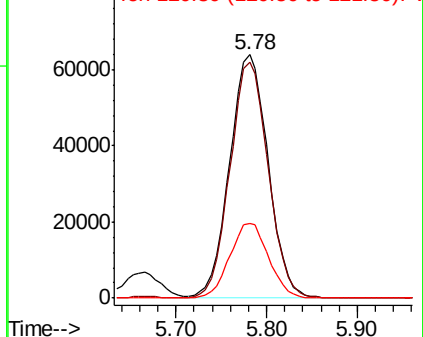
117 100

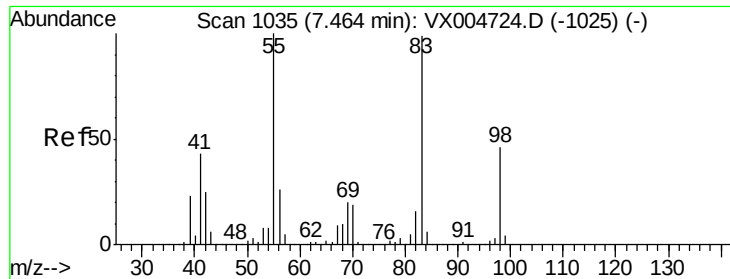
119 96.9 78.8 118.2

121 30.8 24.9 37.3



Abundance Ion 116.80 (116.50 to 117.50): V  
Ion 118.80 (118.50 to 119.50): V  
Ion 120.80 (120.50 to 121.50): V

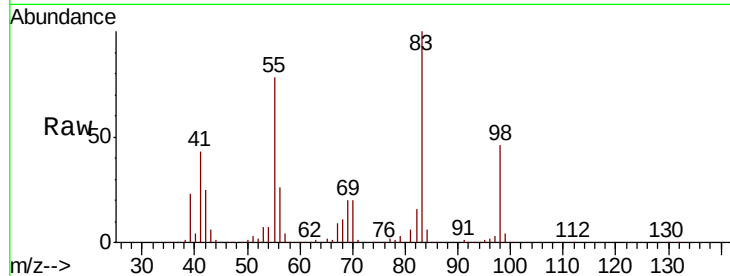




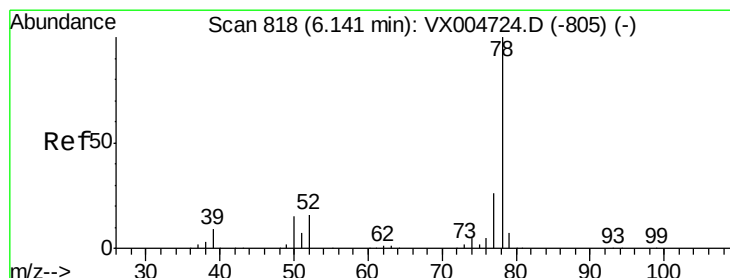
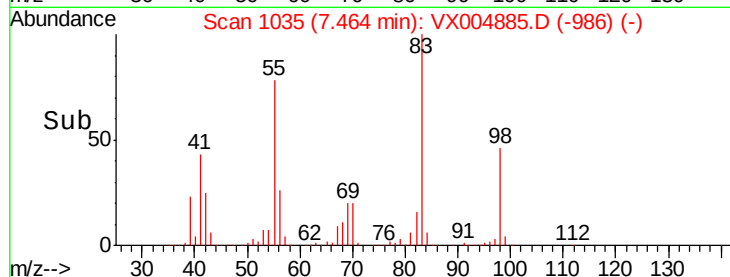
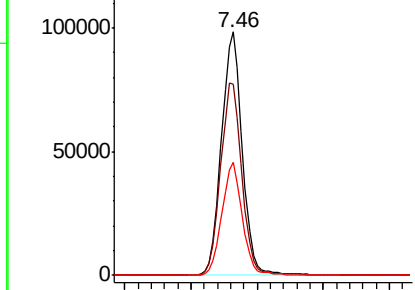
#39  
Methylvlcyclohexane  
Concen: 56.121 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. 0.00 min  
Lab File: VX004885.D  
Acq: 01 Oct 2018 22:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 83 Resp: 215325  
Ion Ratio Lower Upper  
83 100  
55 78.3 61.0 91.4  
98 46.2 39.6 59.4

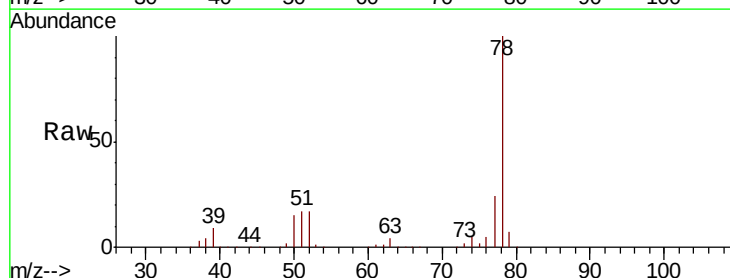


Abundance Ion 83.00 (82.70 to 83.70): VX0  
Ion 55.00 (54.70 to 55.70): VX0  
Ion 98.00 (97.70 to 98.70): VX0

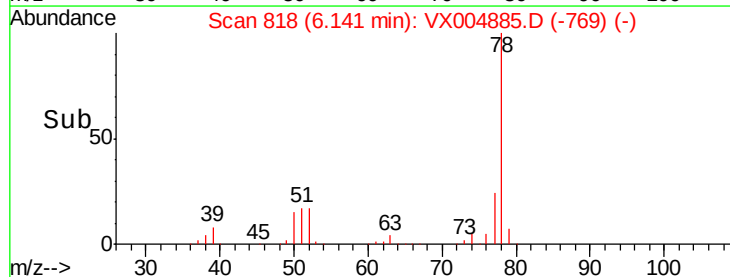
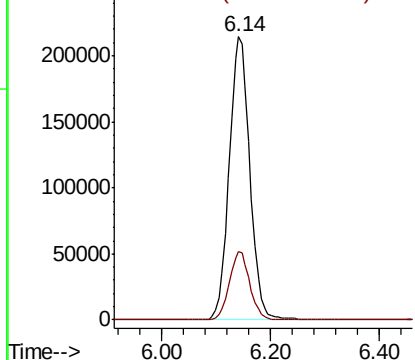


#40  
Benzene  
Concen: 48.205 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. 0.00 min  
Lab File: VX004885.D  
Acq: 01 Oct 2018 22:10

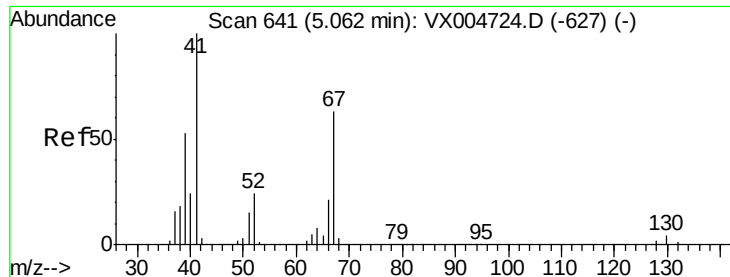
Tgt Ion: 78 Resp: 567067  
Ion Ratio Lower Upper  
78 100  
77 24.2 19.0 28.4



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



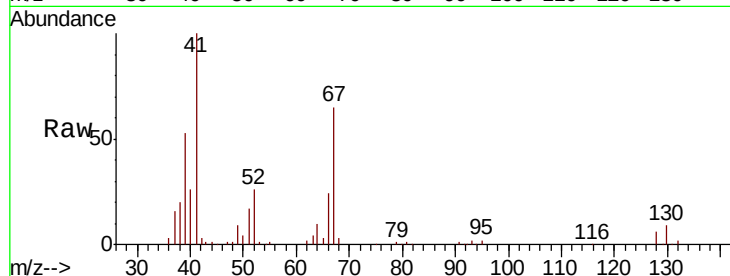




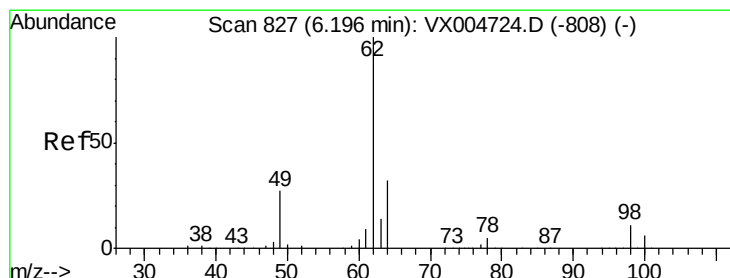
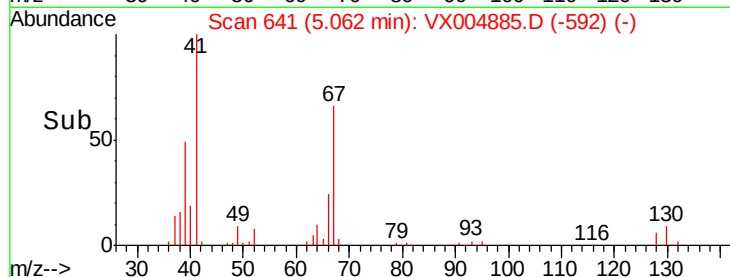
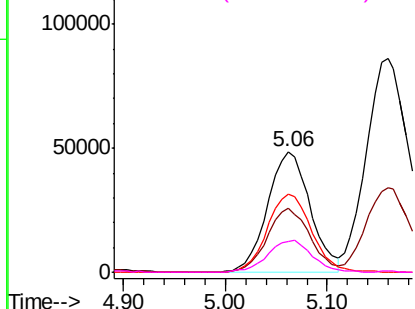
#41  
Methacrylonitrile  
Concen: 50.871 ug/l  
RT: 5.06 min Scan# 641  
Delta R.T. 0.00 min  
Lab File: VX004885.D  
Acq: 01 Oct 2018 22:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 140712 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 53.4  | 42.4  | 63.6   |
| 67       | 67.4  | 59.2  | 88.8   |
| 52       | 27.3  | 23.0  | 34.4   |

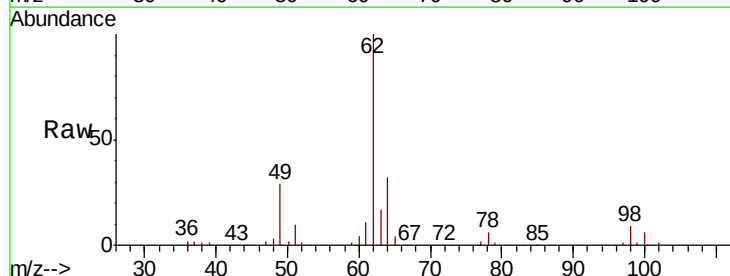


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

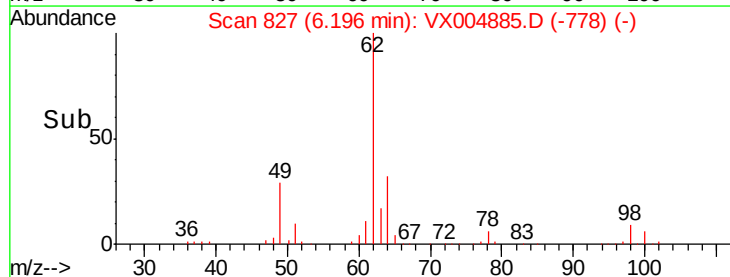
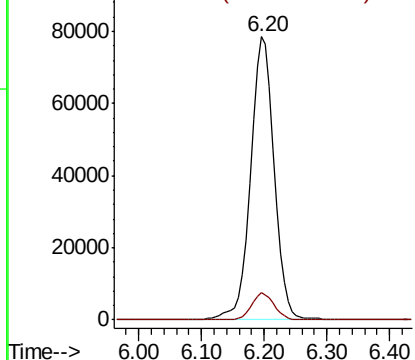


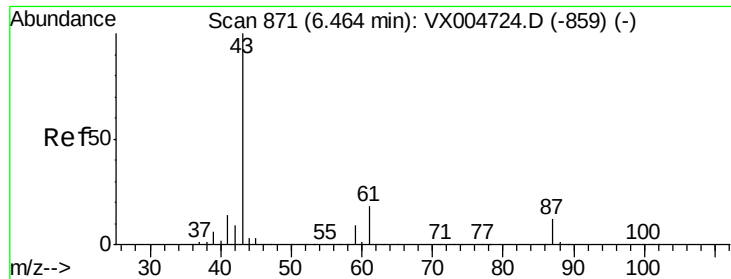
#42  
1,2-Dichloroethane  
Concen: 48.949 ug/l  
RT: 6.20 min Scan# 827  
Delta R.T. 0.00 min  
Lab File: VX004885.D  
Acq: 01 Oct 2018 22:10

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 203558 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.1   | 0.0   | 20.6   |



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





#43

Isopropyl Acetate

Concen: 51.463 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

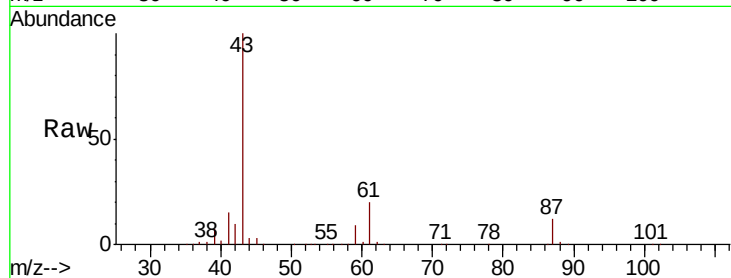
Tot Ion: 43 Resp: 370483

Ion Ratio Lower Upper

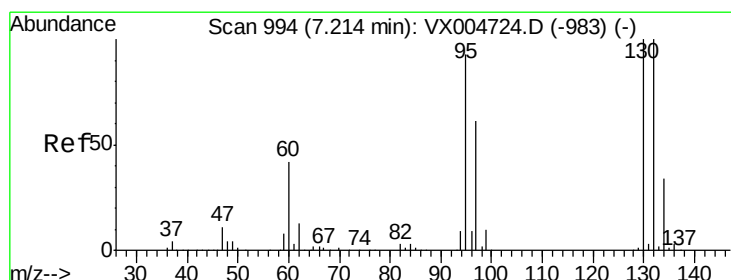
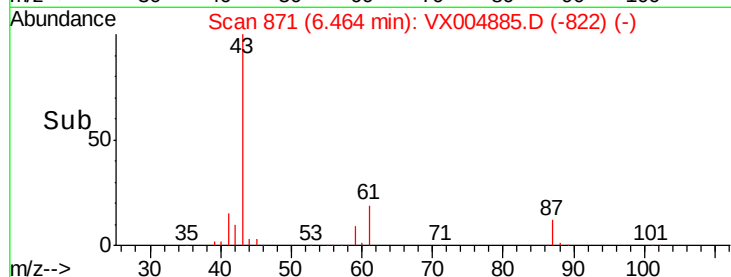
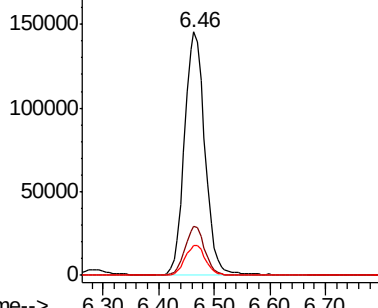
43 100

61 19.5 17.0 25.4

87 12.4 11.4 17.2



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: 51.302 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX004885.D

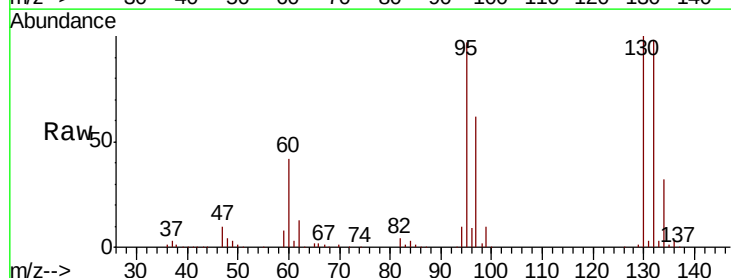
Acq: 01 Oct 2018 22:10

Tgt Ion:130 Resp: 148357

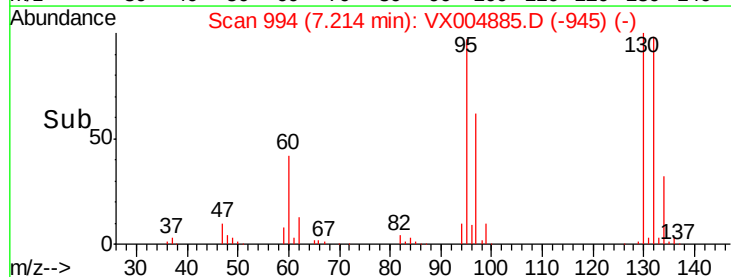
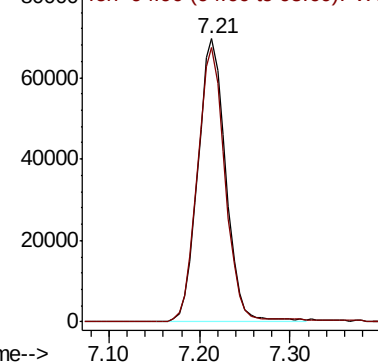
Ion Ratio Lower Upper

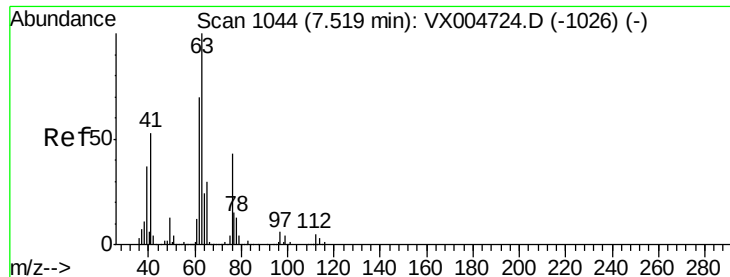
130 100

95 96.9 0.0 181.6



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





#45

1,2-Dichloropropane

Concen: 54.001 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA\_X

ClientSampleId :

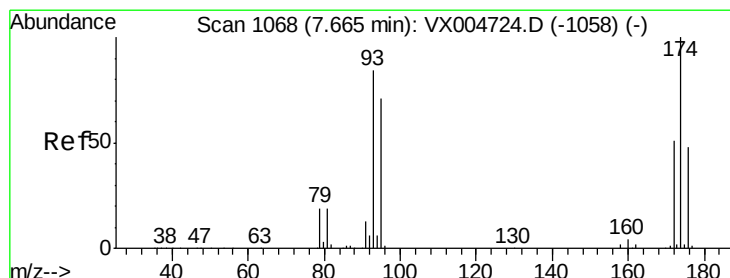
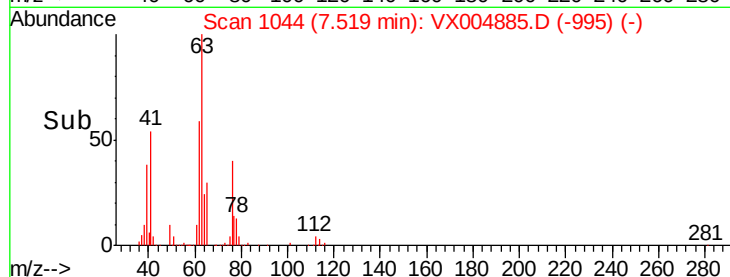
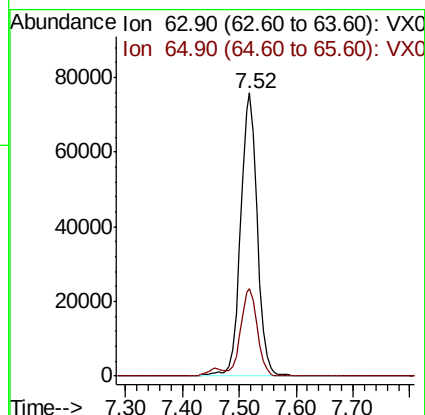
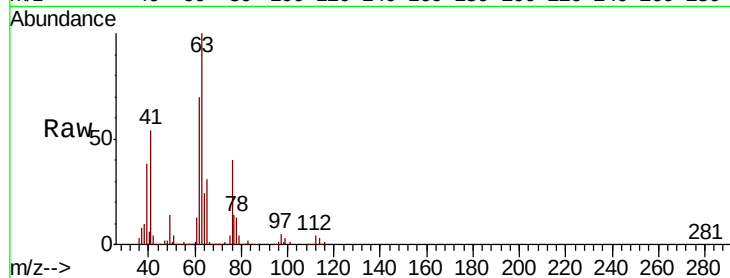
VSTDCCC050

Tot Ion: 63 Resp: 155783

Ion Ratio Lower Upper

63 100

65 31.0 24.3 36.5



#46

Dibromomethane

Concen: 54.222 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

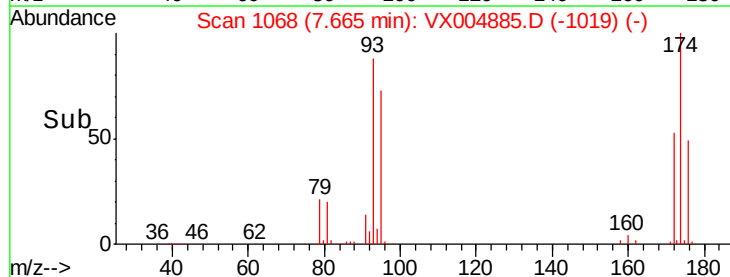
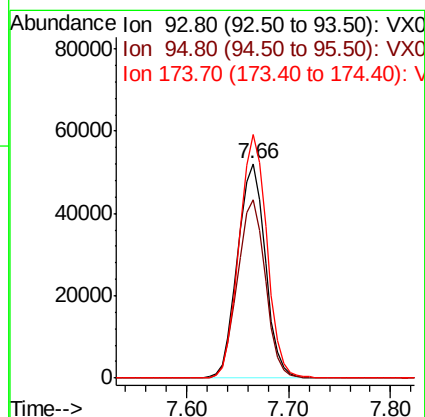
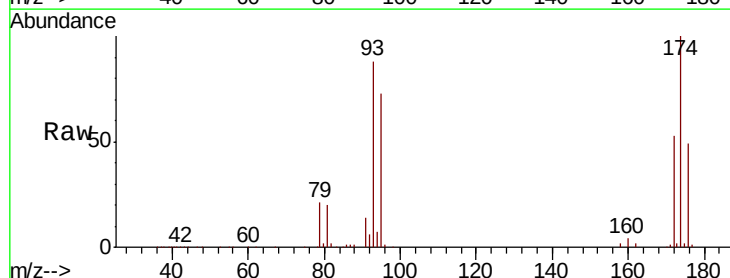
Tgt Ion: 93 Resp: 98303

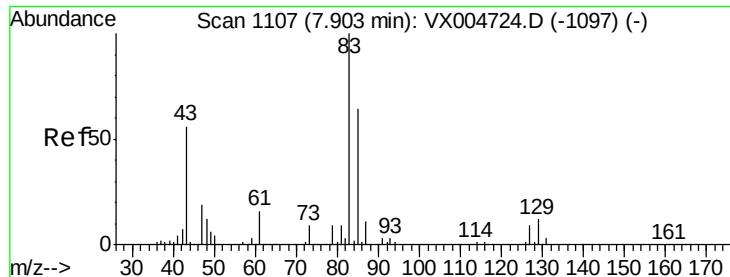
Ion Ratio Lower Upper

93 100

95 83.5 65.5 98.3

174 113.2 94.2 141.4





#47

Bromodichloromethane

Concen: 55.733 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

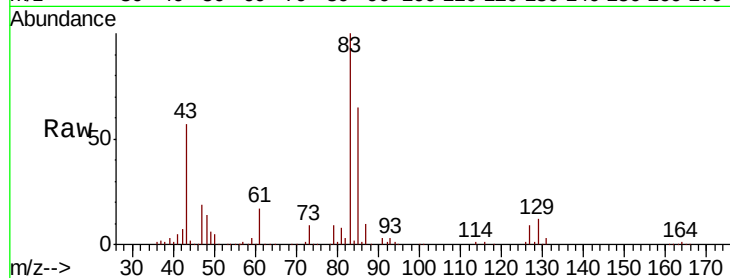
Tot Ion: 83 Resp: 189178

Ion Ratio Lower Upper

83 100

85 64.9 50.9 76.3

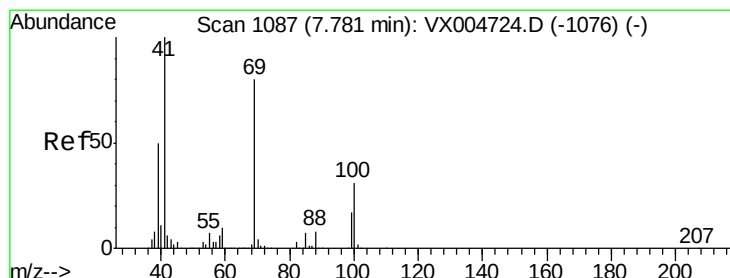
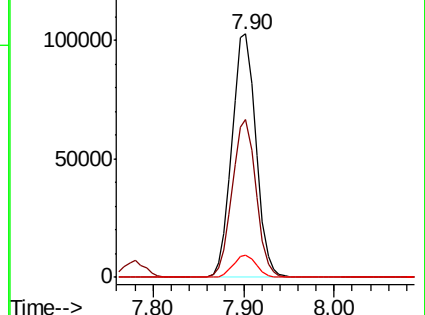
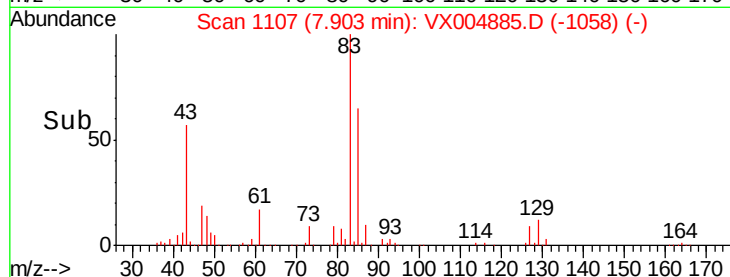
127 9.1 7.3 10.9



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: 60.774 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

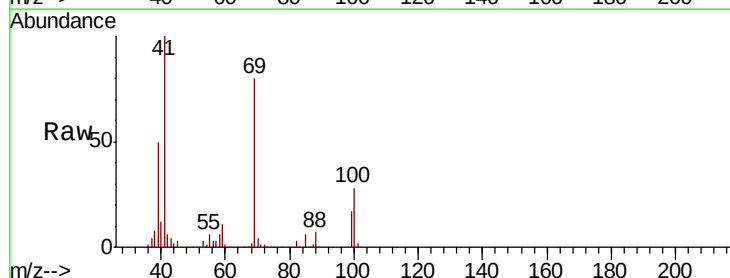
Tgt Ion: 41 Resp: 198582

Ion Ratio Lower Upper

41 100

69 80.4 70.2 105.4

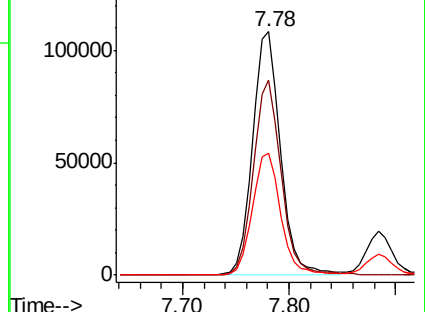
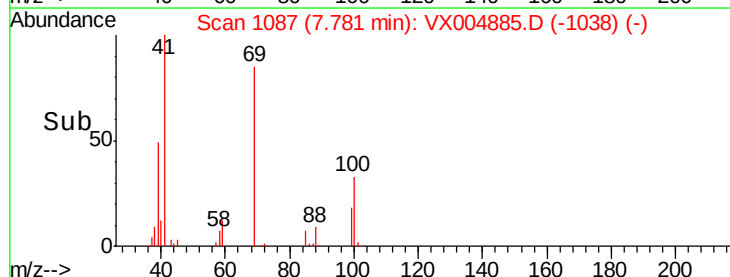
39 50.7 42.7 64.1

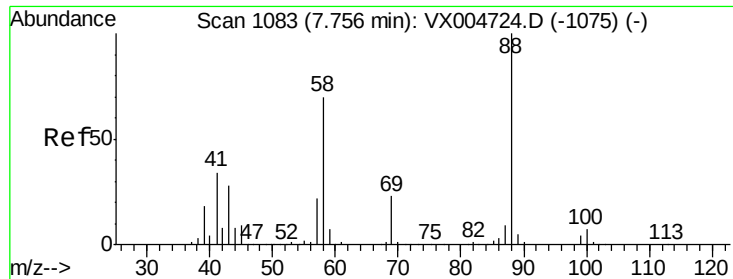


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1118.750 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

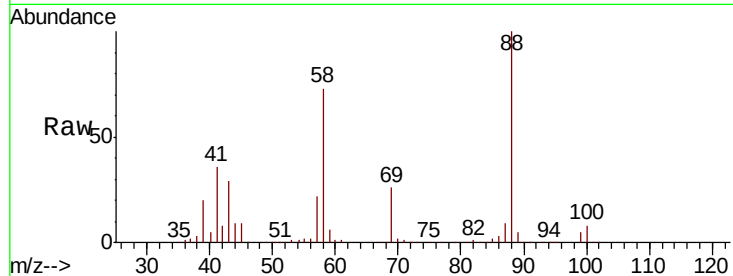
Tot Ion: 88 Resp: 90818

Ion Ratio Lower Upper

88 100

43 33.0 24.7 37.1

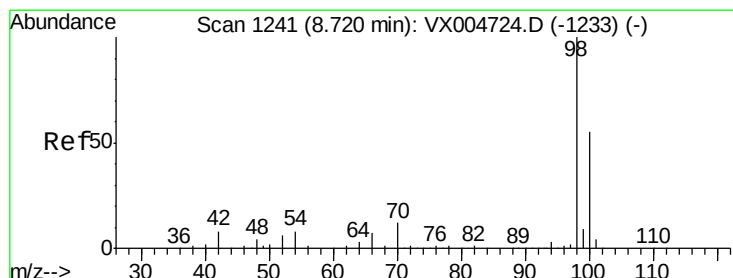
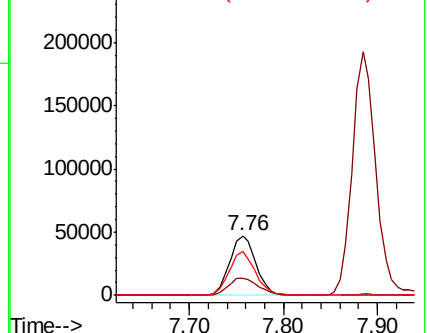
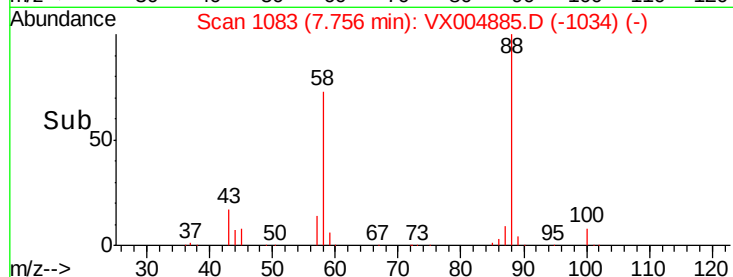
58 73.8 55.3 82.9



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 52.700 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.00 min

Lab File: VX004885.D

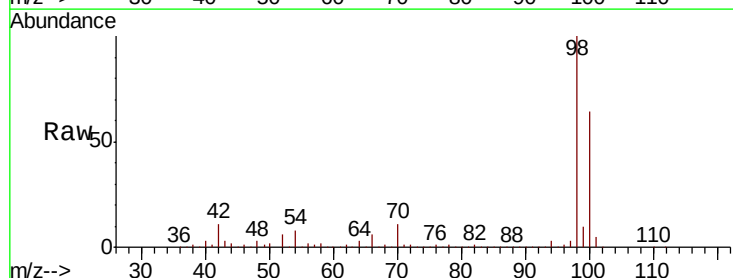
Acq: 01 Oct 2018 22:10

Tgt Ion: 98 Resp: 482503

Ion Ratio Lower Upper

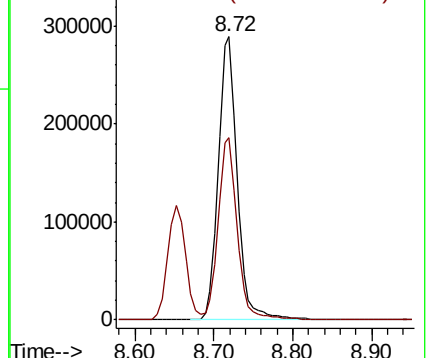
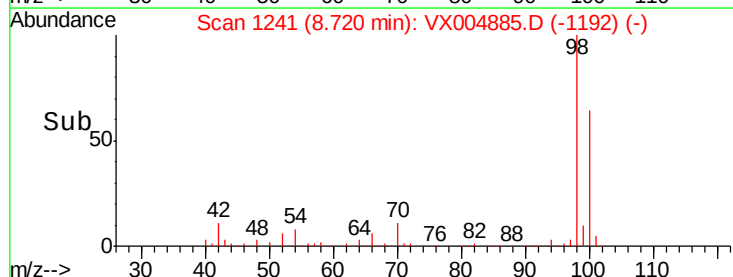
98 100

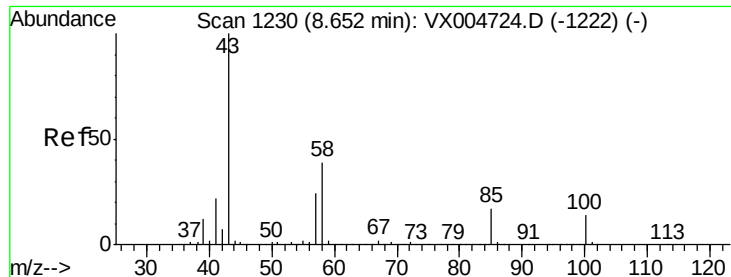
100 65.5 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

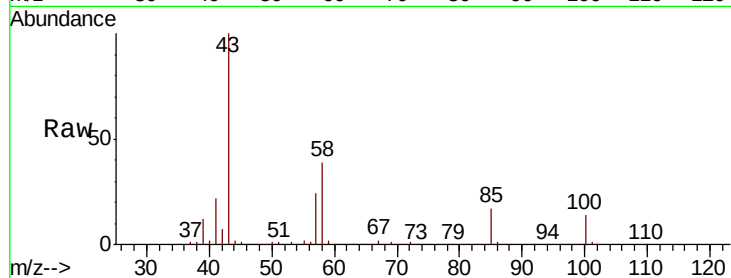




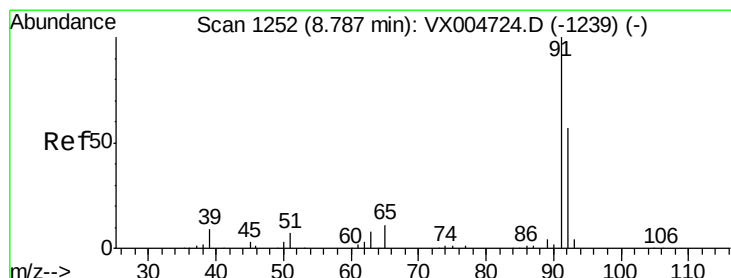
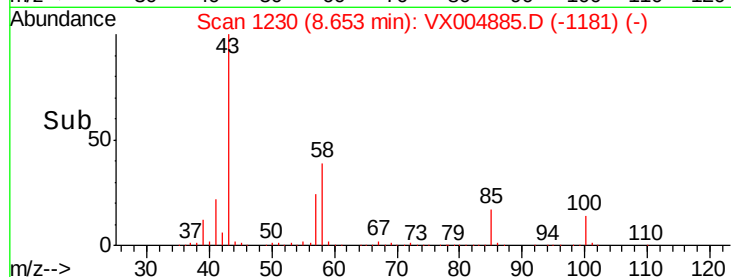
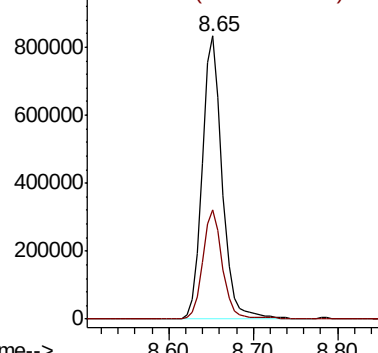
#51  
4-Methyl-2-Pentanone  
Concen: 297.391 ug/l  
RT: 8.65 min Scan# 1230  
Delta R.T. 0.00 min  
Lab File: VX004885.D  
Acq: 01 Oct 2018 22:10

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

Tot Ion: 43 Resp: 1348025  
Ion Ratio Lower Upper  
43 100  
58 38.6 33.1 49.7

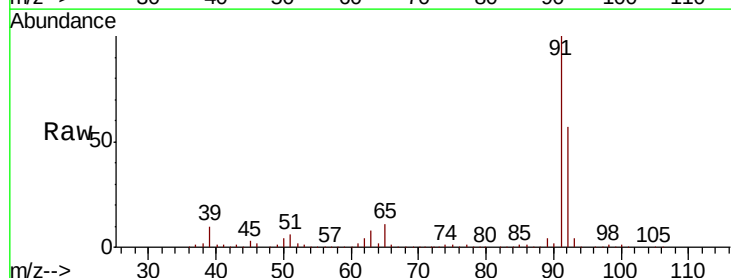


Abundance Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0

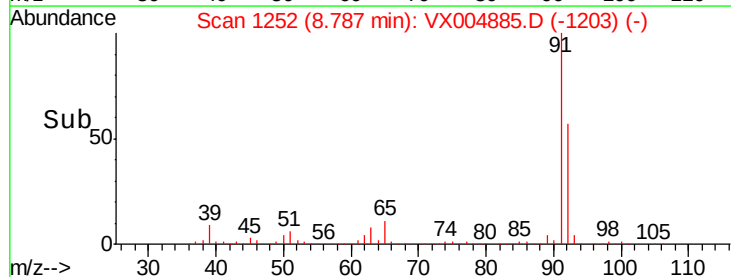
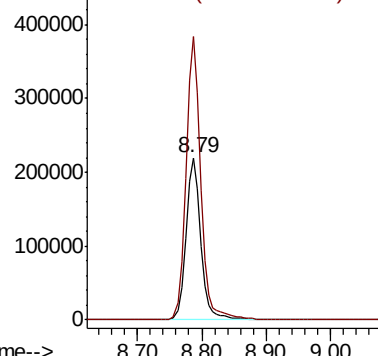


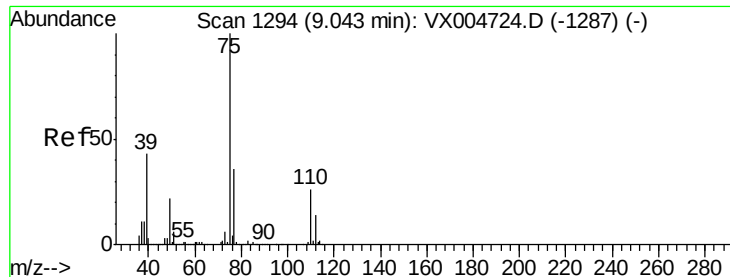
#52  
Toluene  
Concen: 54.935 ug/l  
RT: 8.79 min Scan# 1252  
Delta R.T. 0.00 min  
Lab File: VX004885.D  
Acq: 01 Oct 2018 22:10

Tgt Ion: 92 Resp: 355095  
Ion Ratio Lower Upper  
92 100  
91 174.1 136.4 204.6



Abundance Ion 92.00 (91.70 to 92.70): VX0  
Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 54.448 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA\_X

ClientSampleId :

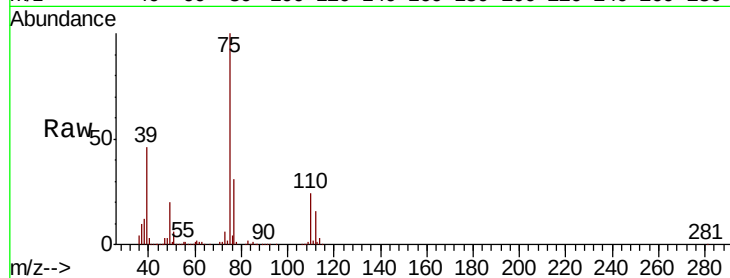
VSTDCCC050

Tot Ion: 75 Resp: 208852

Ion Ratio Lower Upper

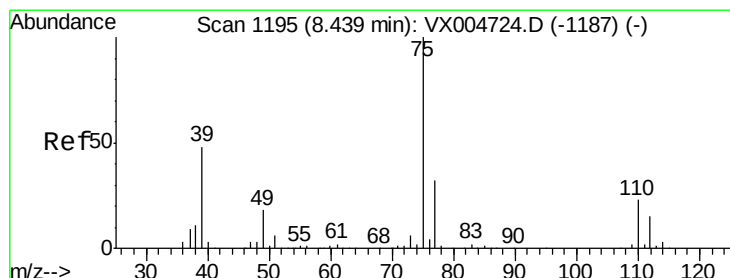
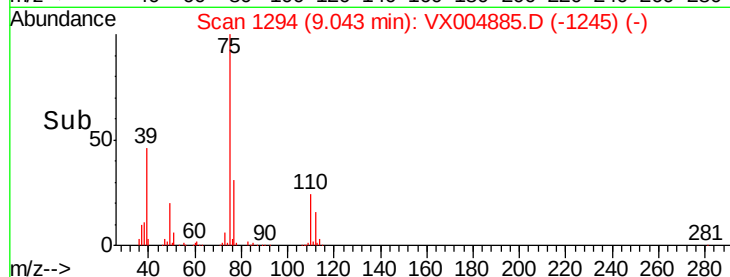
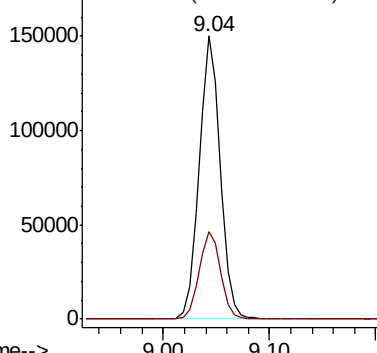
75 100

77 31.0 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 56.875 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

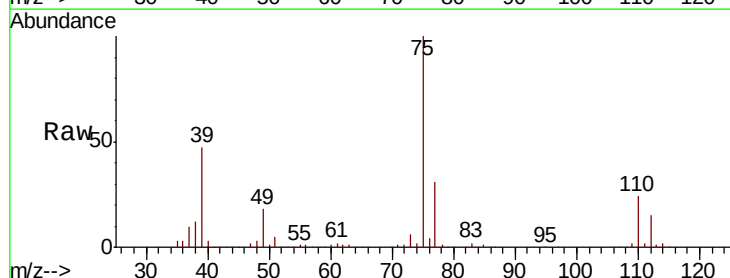
Tgt Ion: 75 Resp: 228507

Ion Ratio Lower Upper

75 100

77 30.9 26.2 39.2

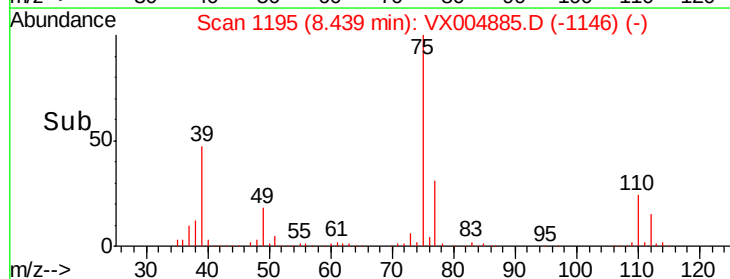
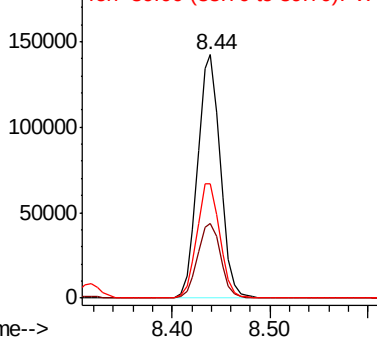
39 46.6 36.4 54.6

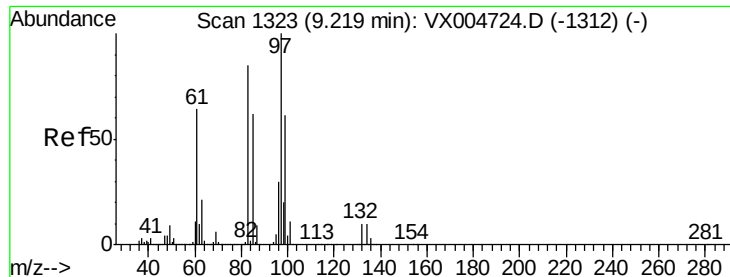


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

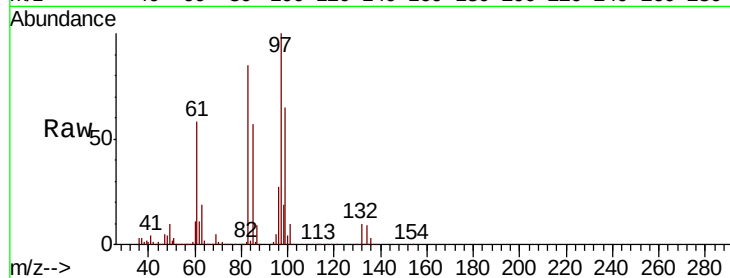




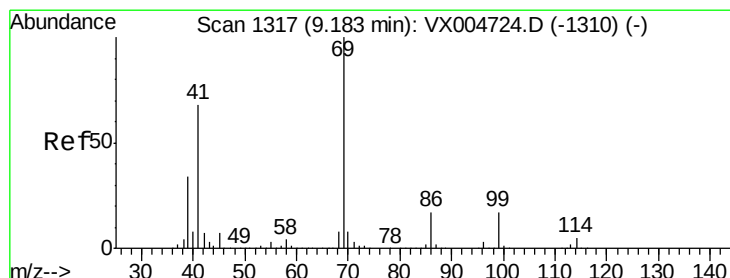
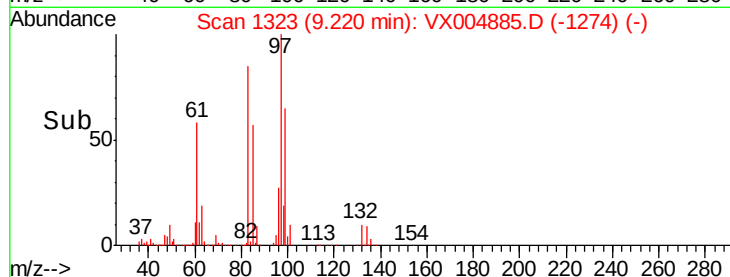
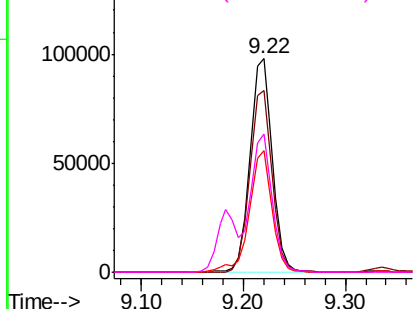
#55  
 1,1,2-Trichloroethane  
 Concen: 52.889 ug/l  
 RT: 9.22 min Scan# 1323  
 Delta R.T. 0.00 min  
 Lab File: VX004885.D  
 Acq: 01 Oct 2018 22:10

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

| Tot Ion: | 97    | Resp: | 149750 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 97       | 100   |       |        |
| 83       | 85.0  | 66.4  | 99.6   |
| 85       | 56.7  | 43.3  | 64.9   |
| 99       | 64.8  | 49.0  | 73.4   |

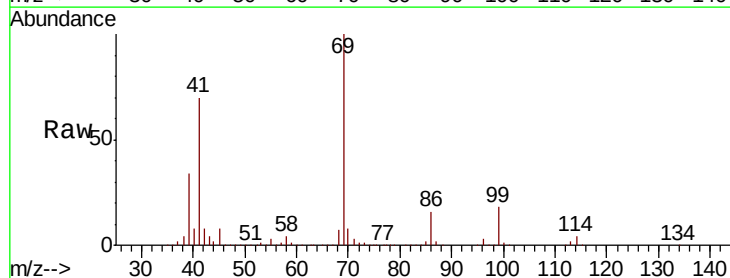


Abundance Ion 96.90 (96.60 to 97.60): VX0  
 Ion 82.90 (82.60 to 83.60): VX0  
 Ion 84.90 (84.60 to 85.60): VX0  
 Ion 98.90 (98.60 to 99.60): VX0

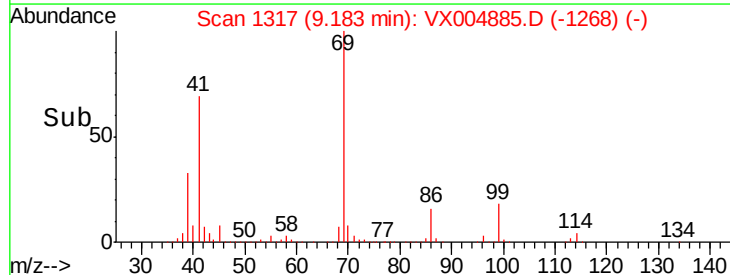
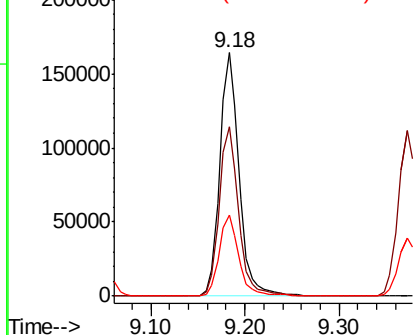


#56  
 Ethyl methacrylate  
 Concen: 50.901 ug/l  
 RT: 9.18 min Scan# 1317  
 Delta R.T. 0.00 min  
 Lab File: VX004885.D  
 Acq: 01 Oct 2018 22:10

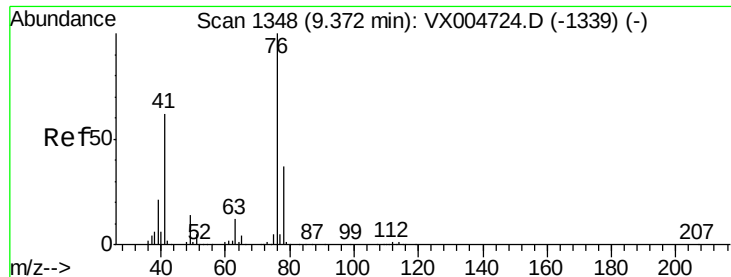
| Tgt Ion: | 69    | Resp: | 234119 |
|----------|-------|-------|--------|
| Ion      | Ratio | Lower | Upper  |
| 69       | 100   |       |        |
| 41       | 69.7  | 51.0  | 76.4   |
| 39       | 33.5  | 26.1  | 39.1   |



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



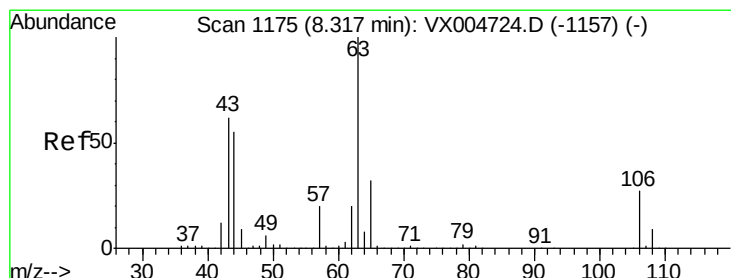
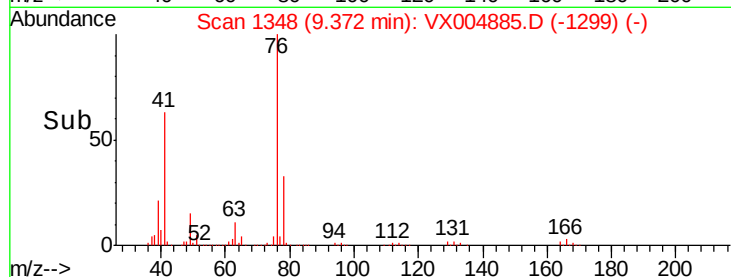
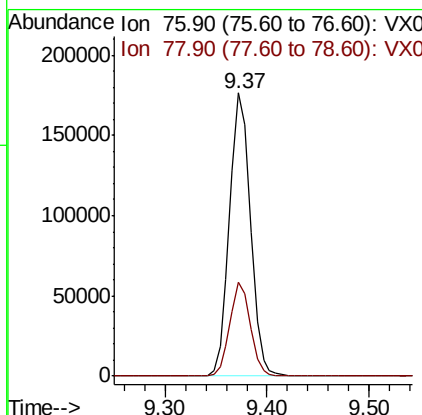
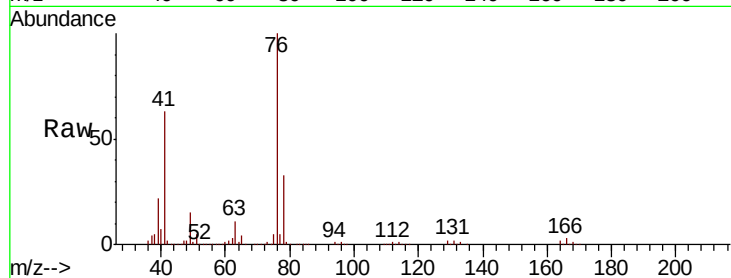




#57  
 1,3-Dichloropropane  
 Concen: 53.130 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. 0.00 min  
 Lab File: VX004885.D  
 Acq: 01 Oct 2018 22:10

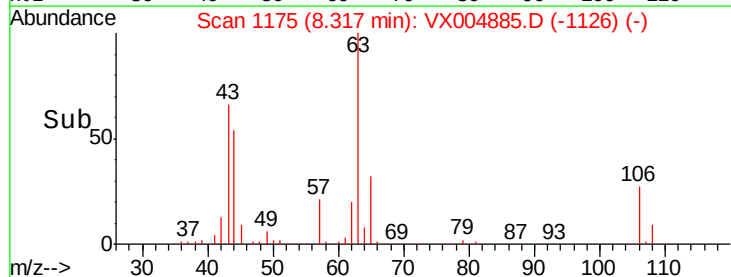
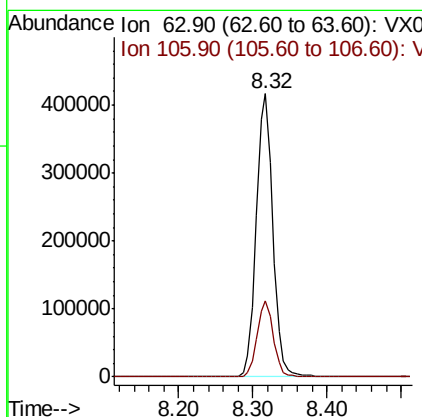
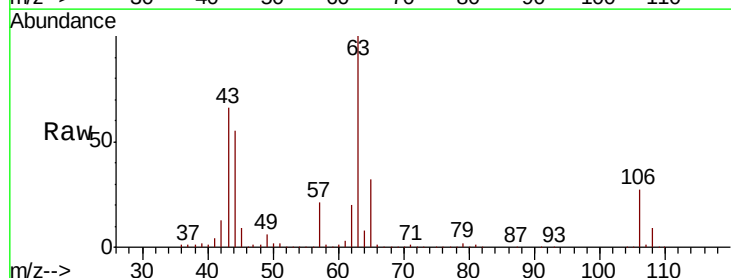
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

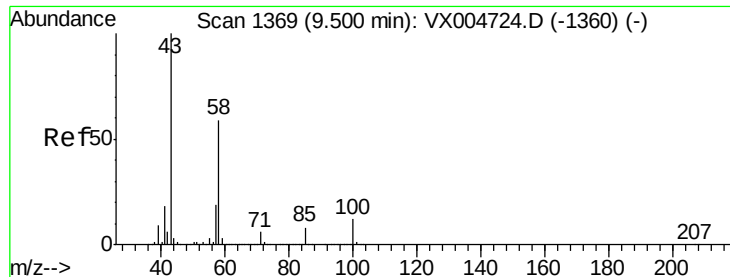
Tot Ion: 76 Resp: 250369  
 Ion Ratio Lower Upper  
 76 100  
 78 32.4 25.5 38.3



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 266.687 ug/l  
 RT: 8.32 min Scan# 1175  
 Delta R.T. 0.00 min  
 Lab File: VX004885.D  
 Acq: 01 Oct 2018 22:10

Tgt Ion: 63 Resp: 653084  
 Ion Ratio Lower Upper  
 63 100  
 106 26.5 23.9 35.9

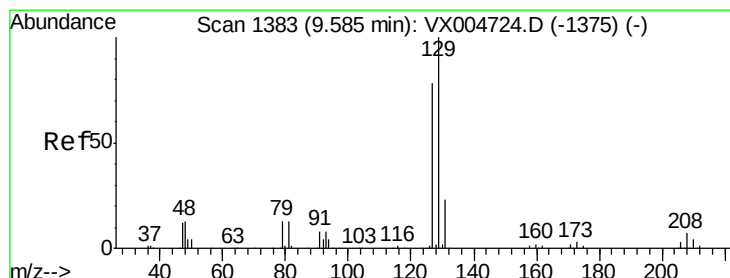
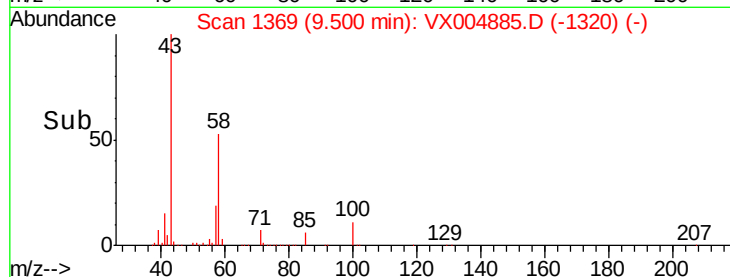
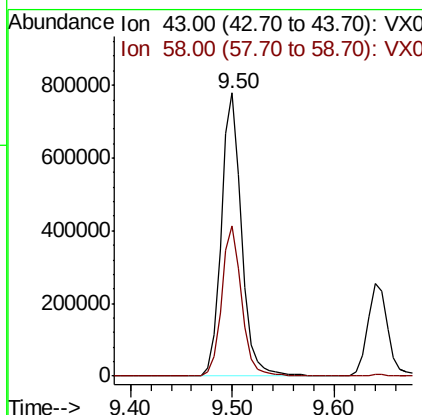
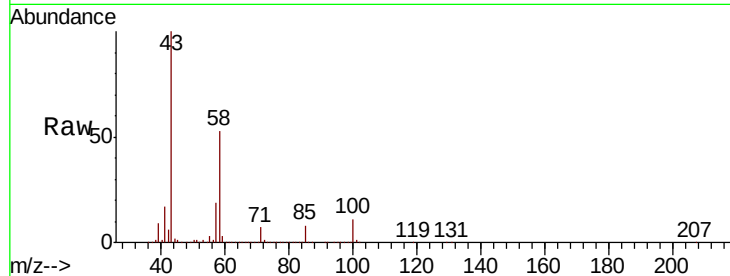




#59  
2-Hexanone  
Concen: 284.944 ug/l  
RT: 9.50 min Scan# 1369  
Delta R.T. 0.00 min  
Lab File: VX004885.D  
Acq: 01 Oct 2018 22:10

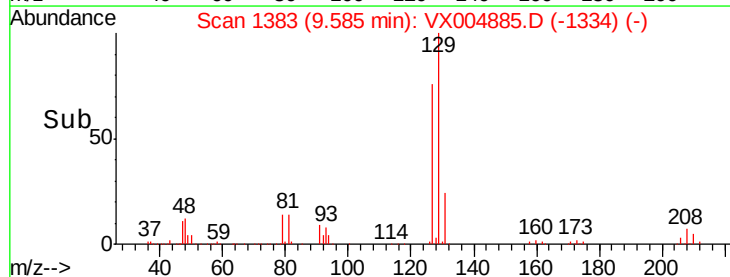
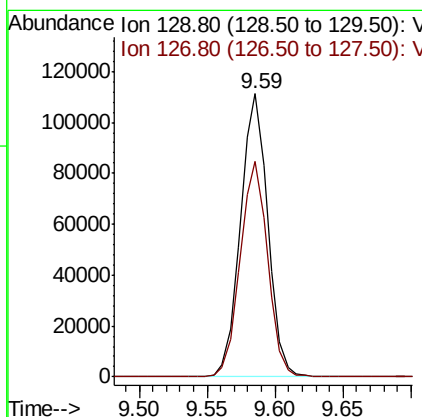
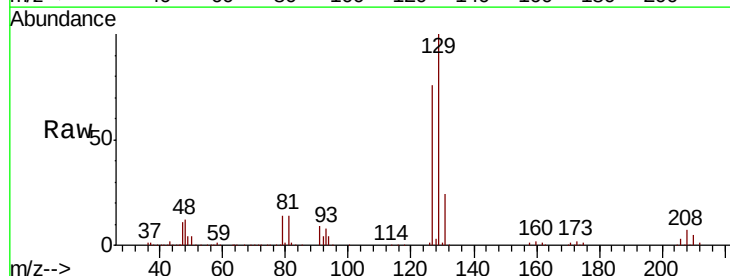
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

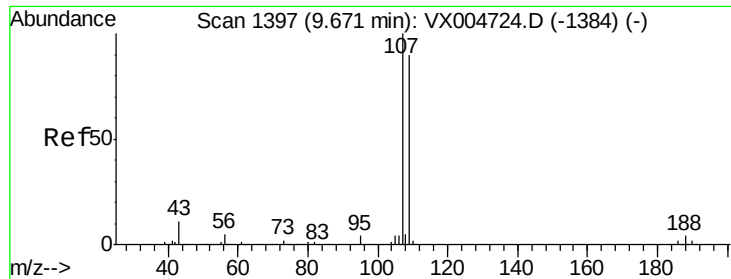
Tot Ion: 43 Resp: 1076318  
Ion Ratio Lower Upper  
43 100  
58 52.7 29.0 87.0



#60  
Dibromochloromethane  
Concen: 54.960 ug/l  
RT: 9.59 min Scan# 1383  
Delta R.T. 0.00 min  
Lab File: VX004885.D  
Acq: 01 Oct 2018 22:10

Tgt Ion: 129 Resp: 155626  
Ion Ratio Lower Upper  
129 100  
127 76.5 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.056 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA\_X

ClientSampleId :

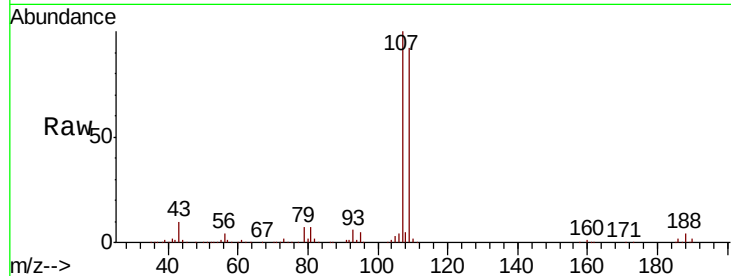
VSTDCCC050

Tot Ion:107 Resp: 154816

Ion Ratio Lower Upper

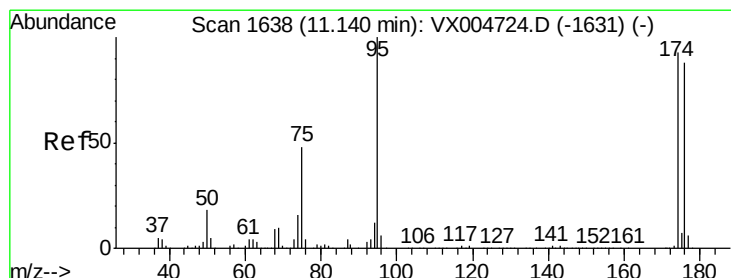
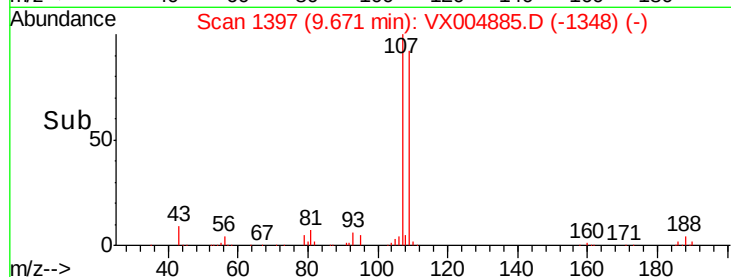
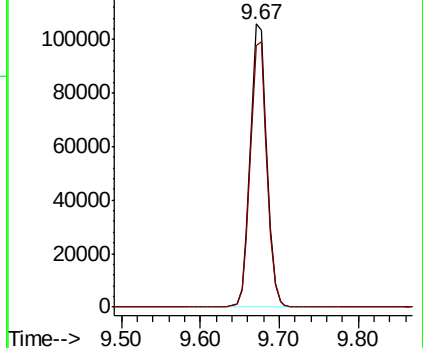
107 100

109 94.2 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.314 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

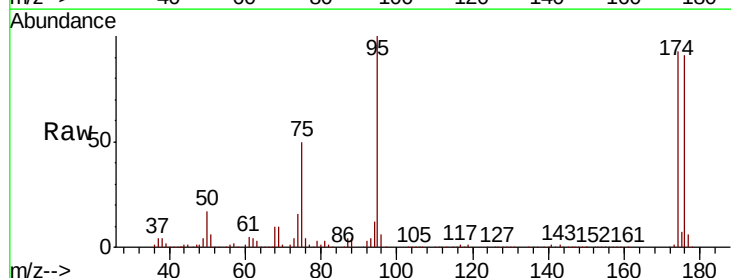
Tgt Ion: 95 Resp: 179150

Ion Ratio Lower Upper

95 100

174 92.1 0.0 185.2

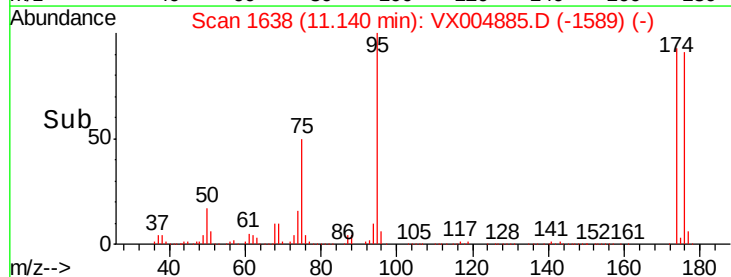
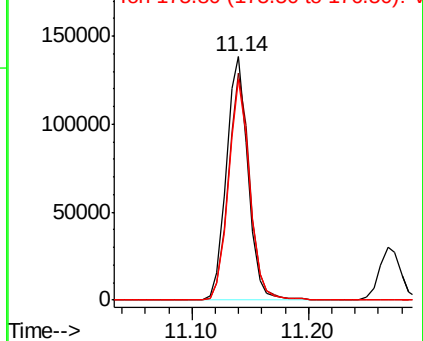
176 88.7 0.0 178.6

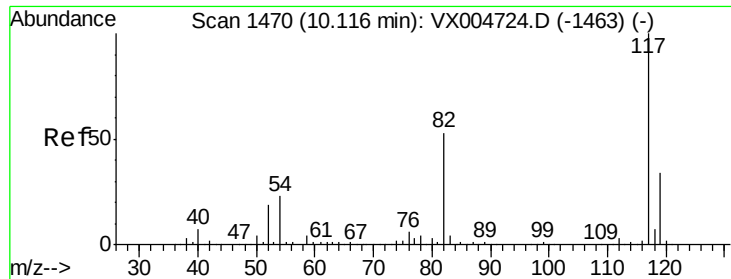


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

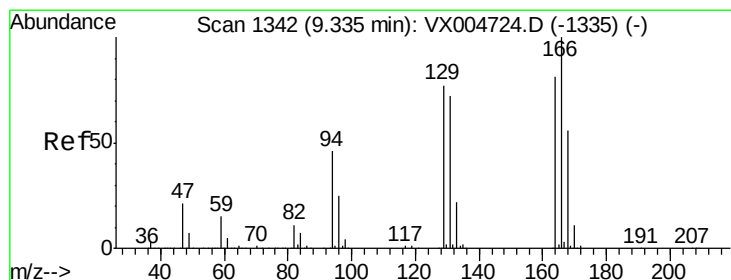
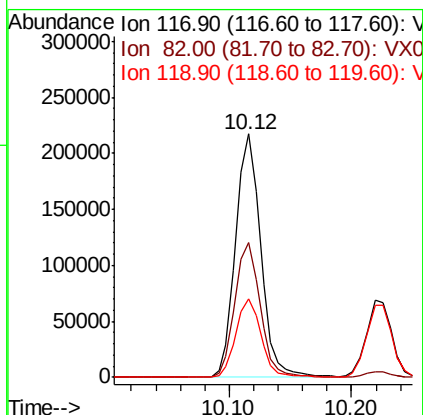
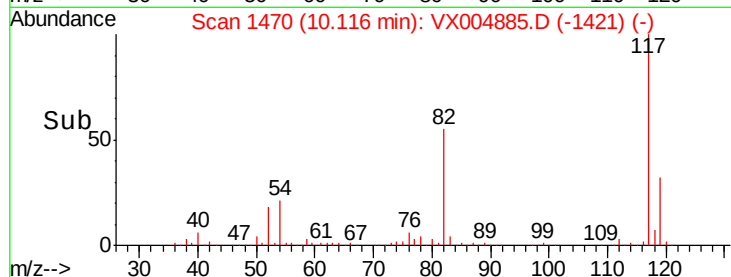
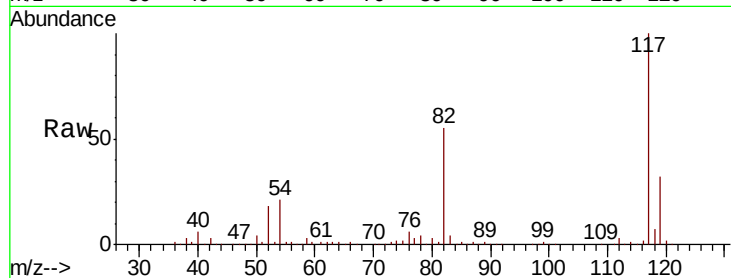




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. 0.00 min  
Lab File: VX004885.D  
Acq: 01 Oct 2018 22:10

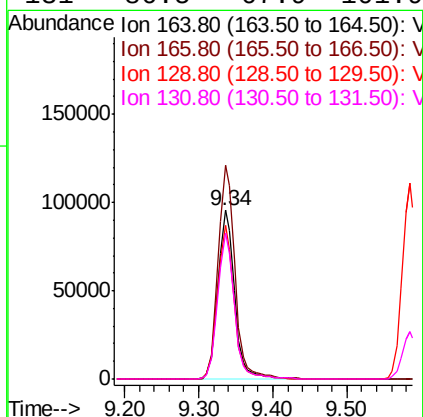
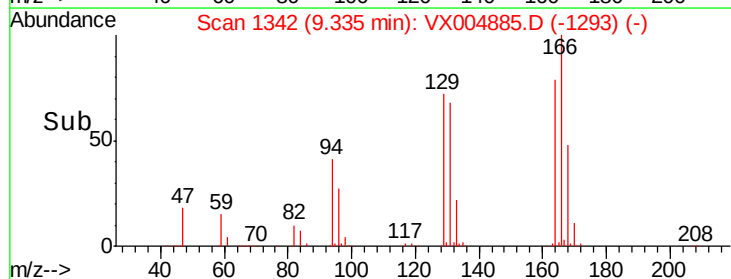
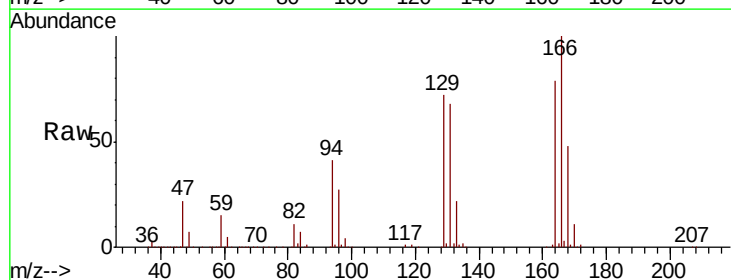
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

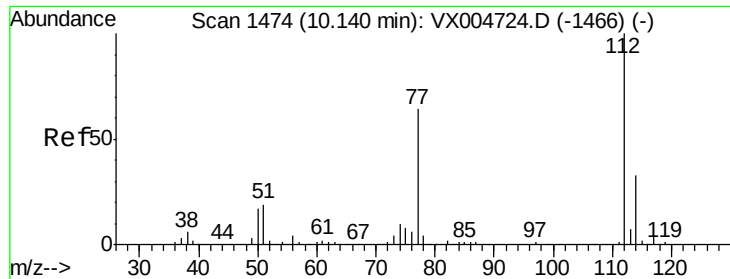
Tot Ion:117 Resp: 310998  
Ion Ratio Lower Upper  
117 100  
82 55.3 47.8 71.6  
119 32.5 29.3 43.9



#64  
Tetrachloroethene  
Concen: 48.552 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. 0.00 min  
Lab File: VX004885.D  
Acq: 01 Oct 2018 22:10

Tgt Ion:164 Resp: 148612  
Ion Ratio Lower Upper  
164 100  
166 126.8 102.8 154.2  
129 90.9 69.4 104.0  
131 86.5 67.9 101.9

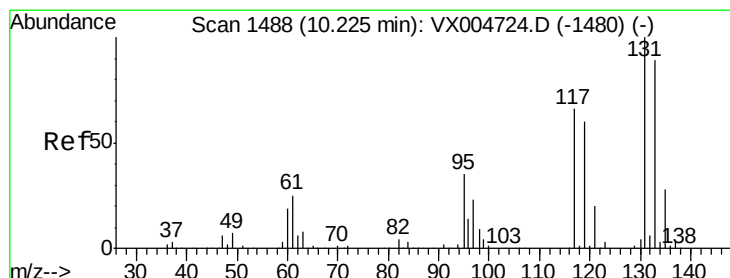
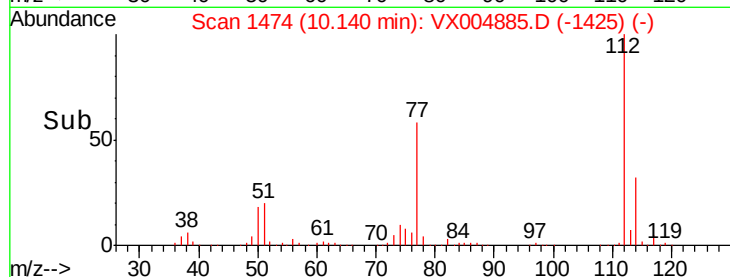
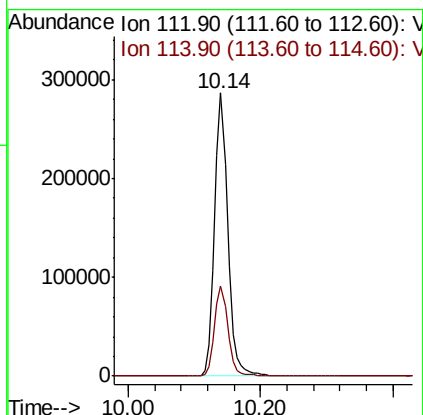
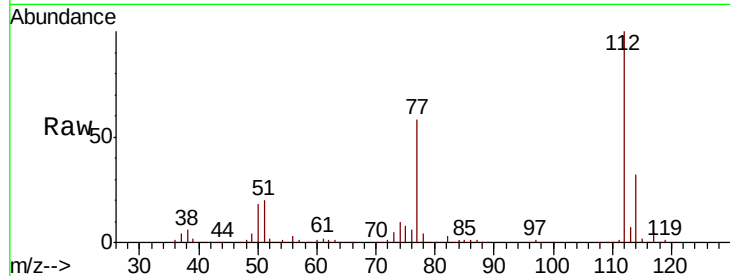




#65  
Chlorobenzene  
Concen: 49.392 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. 0.00 min  
Lab File: VX004885.D  
Acq: 01 Oct 2018 22:10

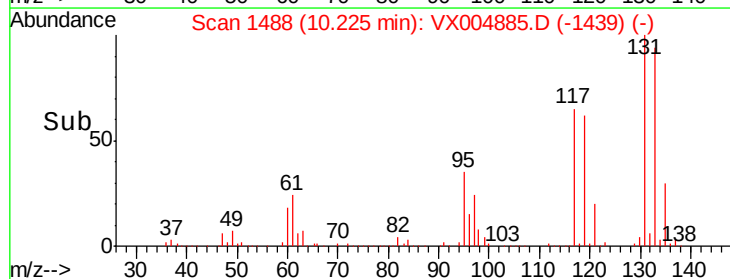
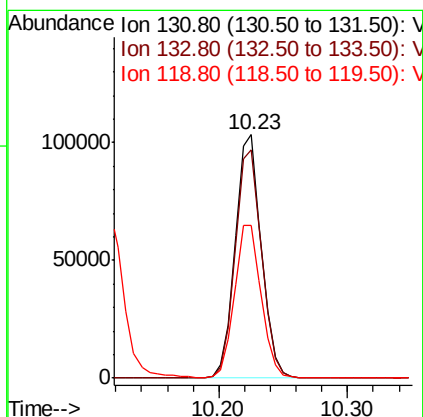
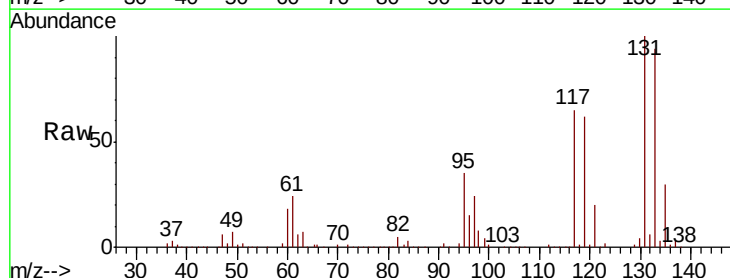
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

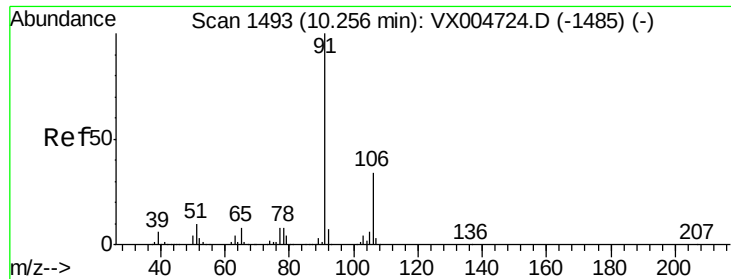
Tot Ion:112 Resp: 393896  
Ion Ratio Lower Upper  
112 100  
114 31.9 27.8 41.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 51.864 ug/l  
RT: 10.23 min Scan# 1488  
Delta R.T. 0.00 min  
Lab File: VX004885.D  
Acq: 01 Oct 2018 22:10

Tgt Ion:131 Resp: 145406  
Ion Ratio Lower Upper  
131 100  
133 95.3 48.1 144.4  
119 64.6 32.9 98.6

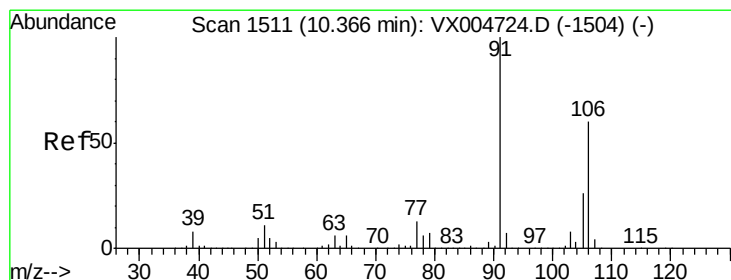
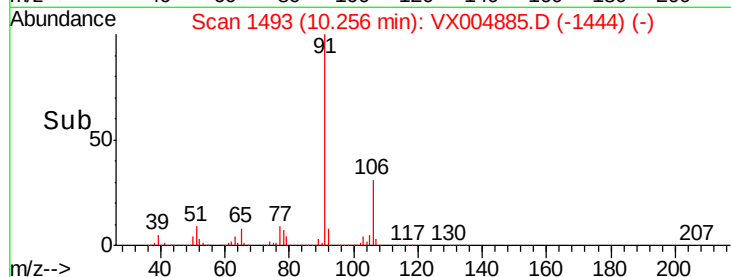
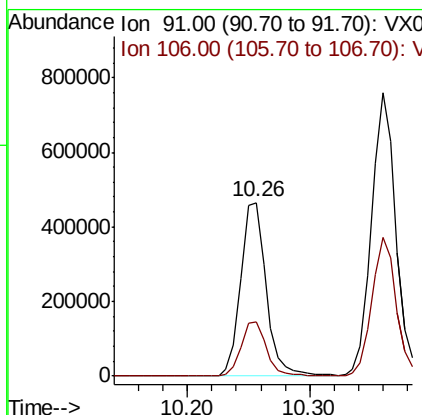
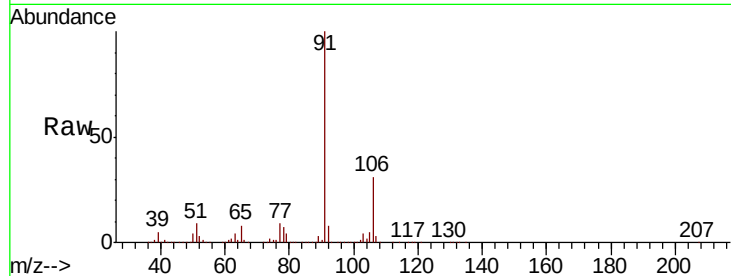




#67  
Ethyl Benzene  
Concen: 53.297 ug/l  
RT: 10.26 min Scan# 1493  
Delta R.T. 0.00 min  
Lab File: VX004885.D  
Acq: 01 Oct 2018 22:10

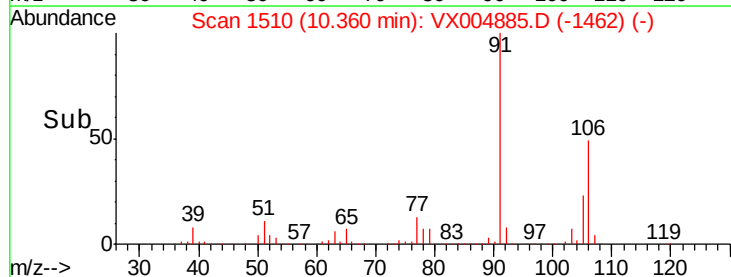
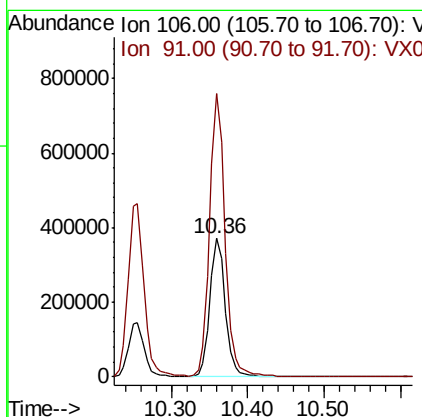
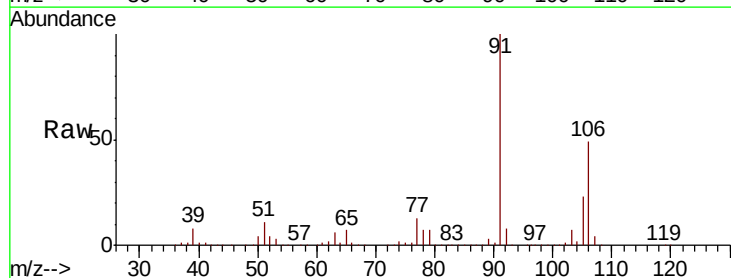
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

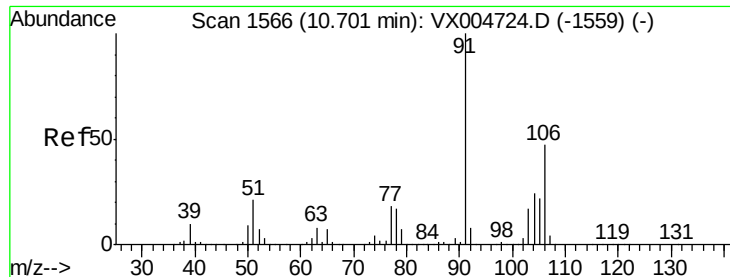
Tot Ion: 91 Resp: 674796  
Ion Ratio Lower Upper  
91 100  
106 31.0 25.9 38.9



#68  
m/p-Xylenes  
Concen: 106.148 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.01 min  
Lab File: VX004885.D  
Acq: 01 Oct 2018 22:10

Tgt Ion: 106 Resp: 525179  
Ion Ratio Lower Upper  
106 100  
91 204.1 157.1 235.7

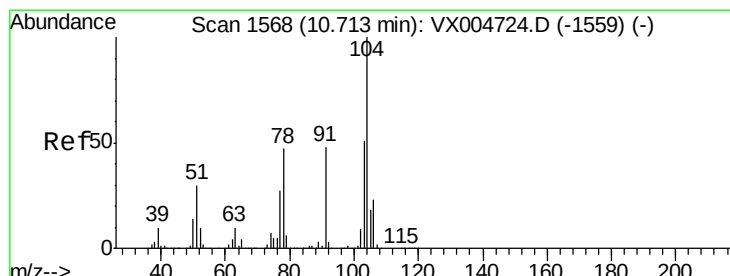
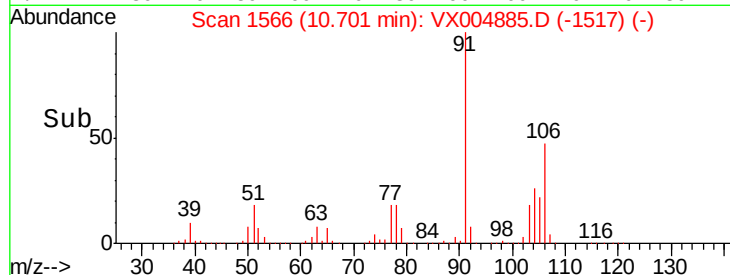
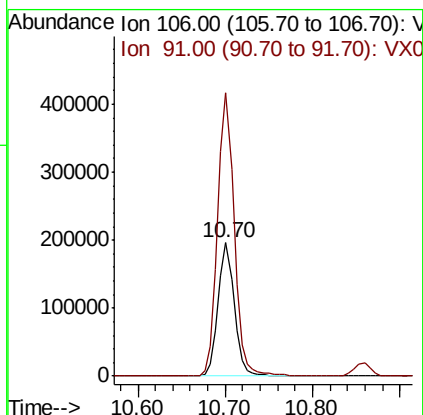
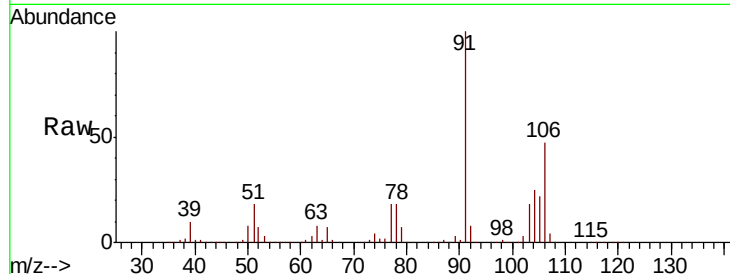




#69  
o-Xylene  
Concen: 55.667 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. 0.00 min  
Lab File: VX004885.D  
Acq: 01 Oct 2018 22:10

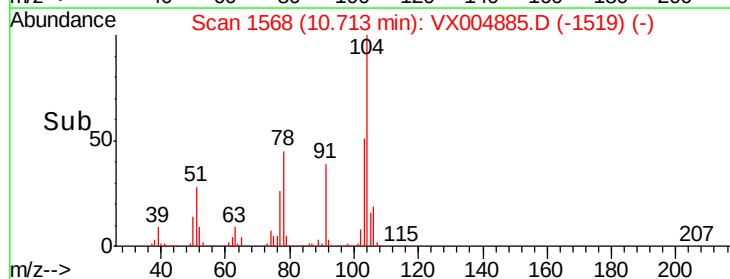
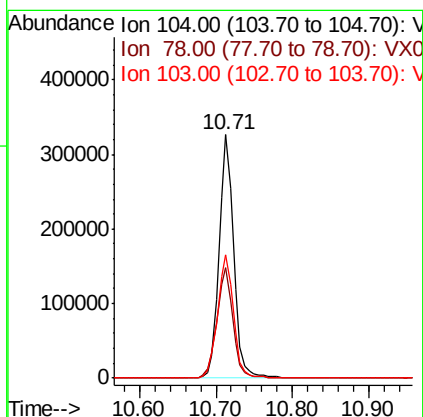
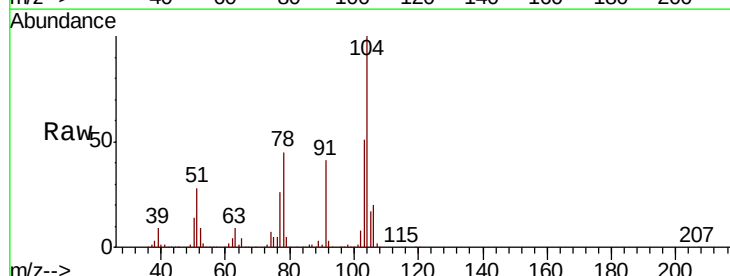
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

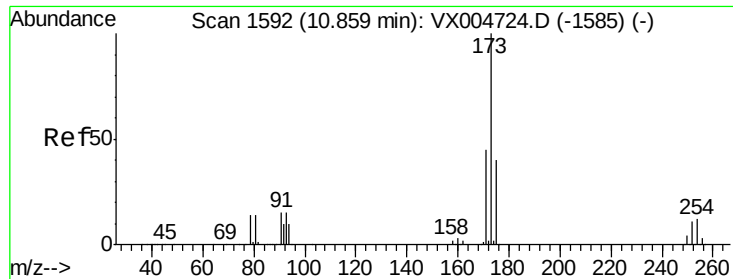
Tot Ion:106 Resp: 252972  
Ion Ratio Lower Upper  
106 100  
91 216.2 105.1 315.1



#70  
Styrene  
Concen: 50.801 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. 0.00 min  
Lab File: VX004885.D  
Acq: 01 Oct 2018 22:10

Tgt Ion:104 Resp: 432080  
Ion Ratio Lower Upper  
104 100  
78 49.9 37.4 56.0  
103 55.6 43.8 65.6





#71

Bromoform

Concen: 53.461 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

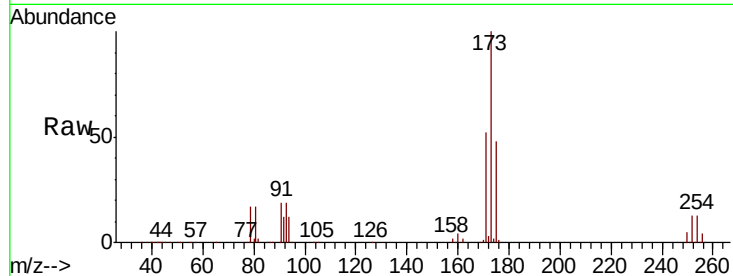
Tot Ion:173 Resp: 128320

Ion Ratio Lower Upper

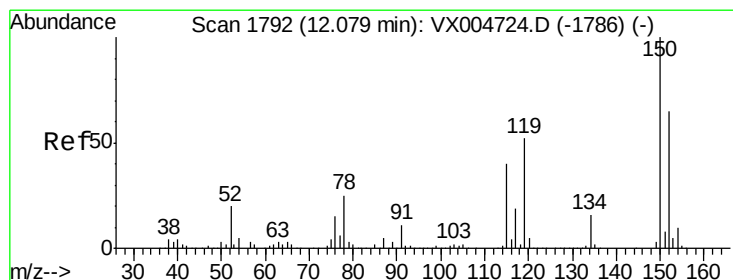
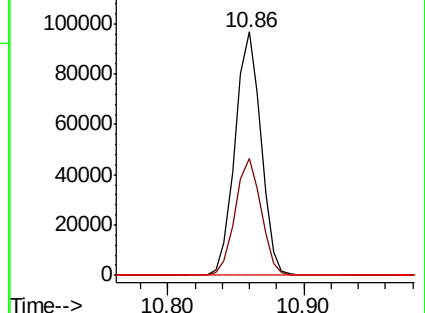
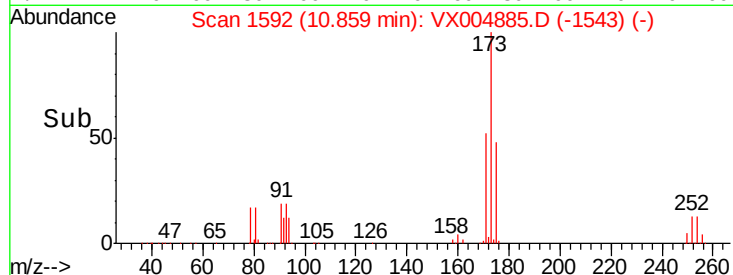
173 100

175 48.1 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: VX004885.D

Acq: 01 Oct 2018 22:10

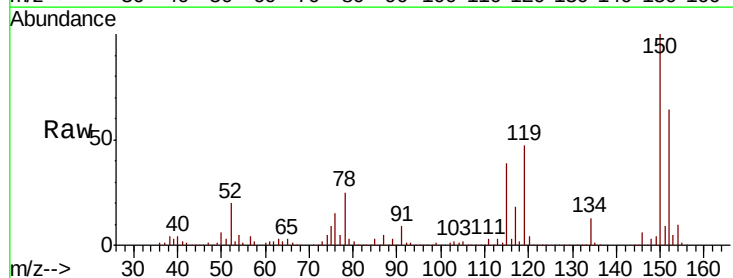
Tgt Ion:152 Resp: 194170

Ion Ratio Lower Upper

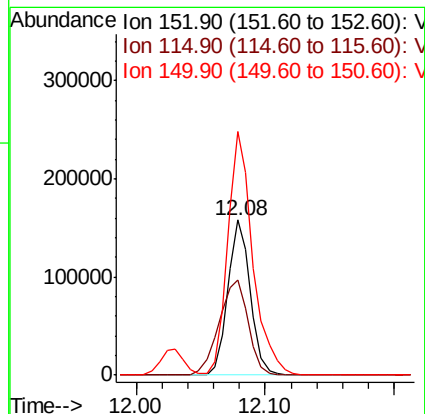
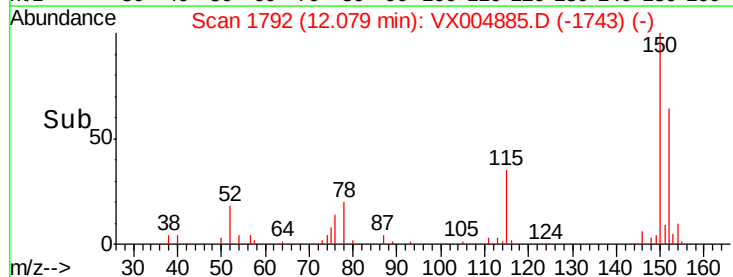
152 100

115 79.4 39.0 117.0

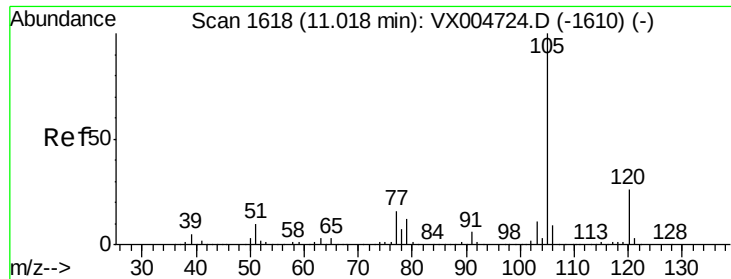
150 173.9 0.0 351.0



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: 55.544 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA\_X

ClientSampleId :

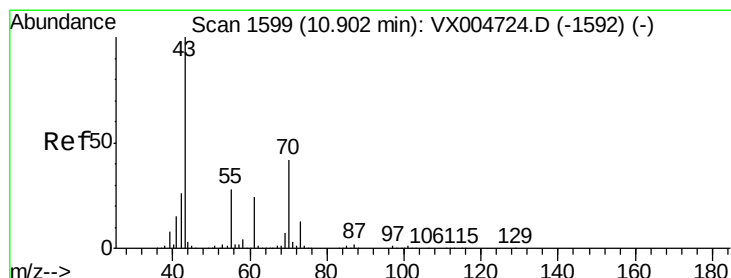
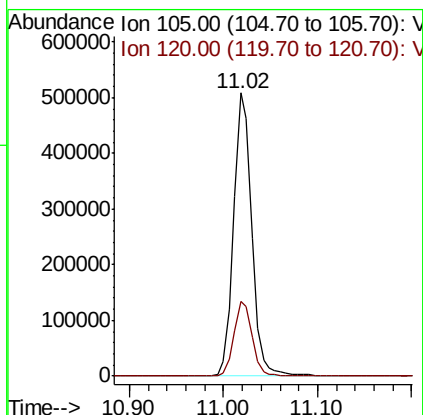
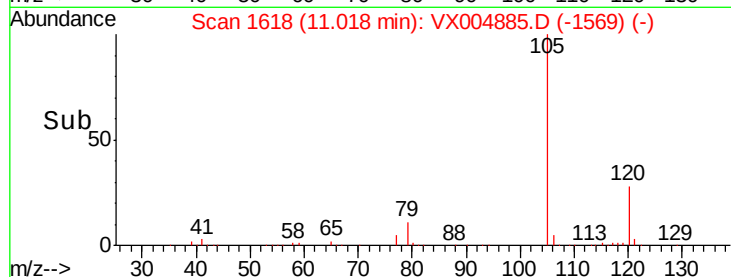
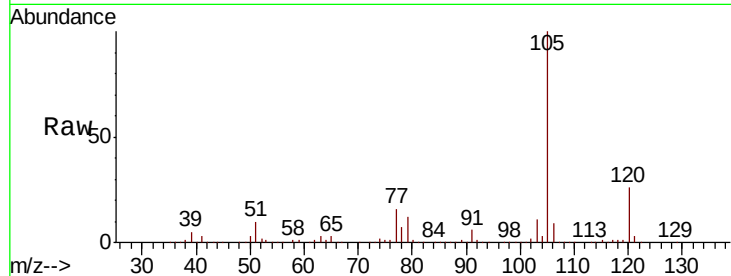
VSTDCCC050

Tot Ion:105 Resp: 679795

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.4



#74

N-ethyl acetate

Concen: 49.823 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Tgt Ion: 43 Resp: 335112

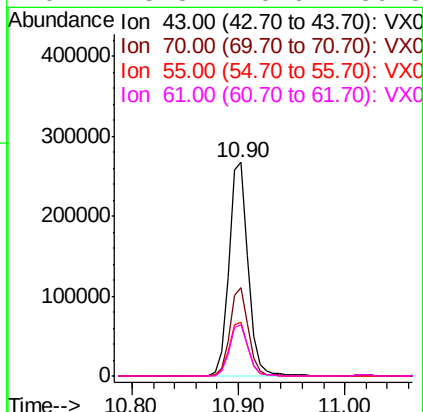
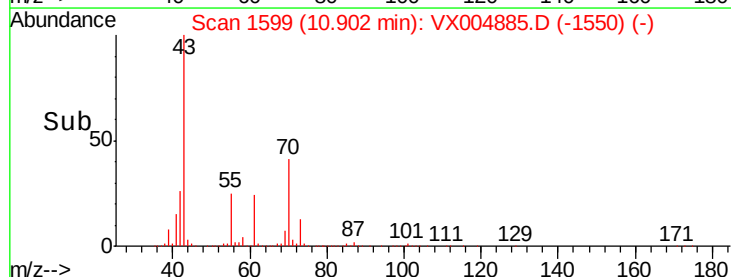
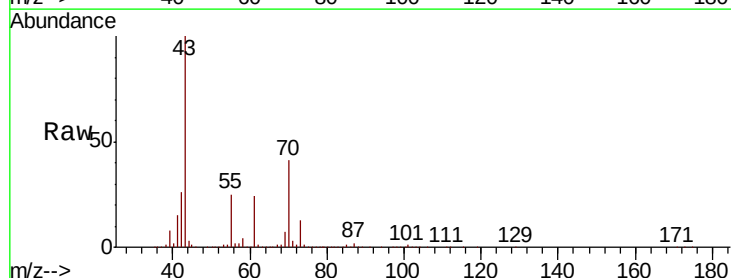
Ion Ratio Lower Upper

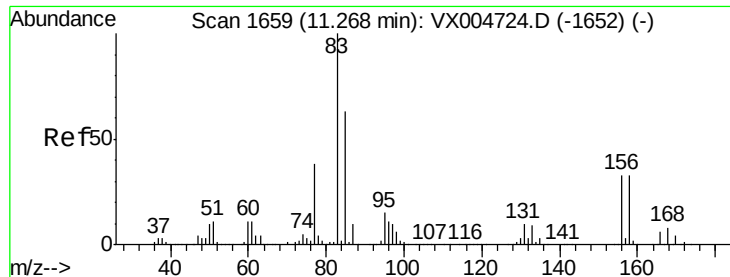
43 100

70 40.1 37.4 56.0

55 25.3 21.8 32.8

61 23.8 20.6 30.8

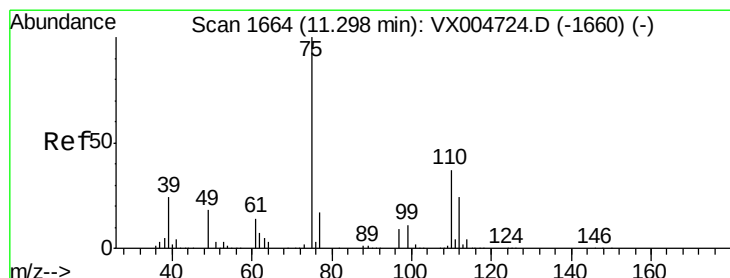
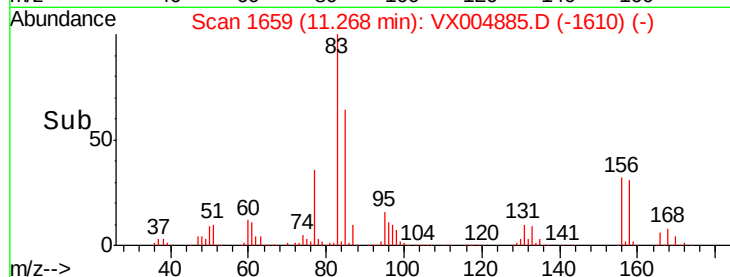
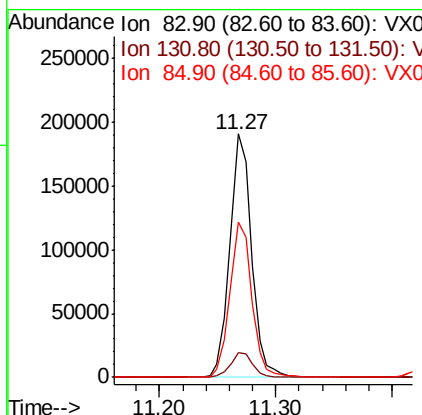
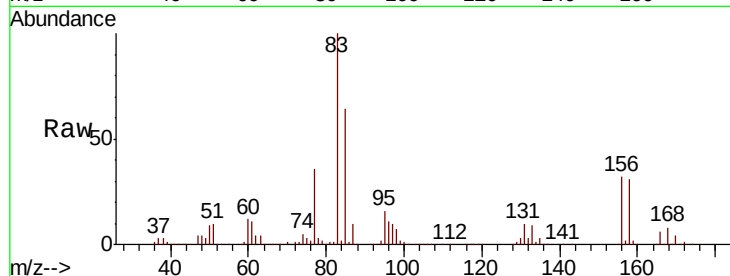




#75  
 1,1,2,2-Tetrachloroethane  
 Concen: 49.994 ug/l  
 RT: 11.27 min Scan# 1659  
 Delta R.T. 0.00 min  
 Lab File: VX004885.D  
 Acq: 01 Oct 2018 22:10

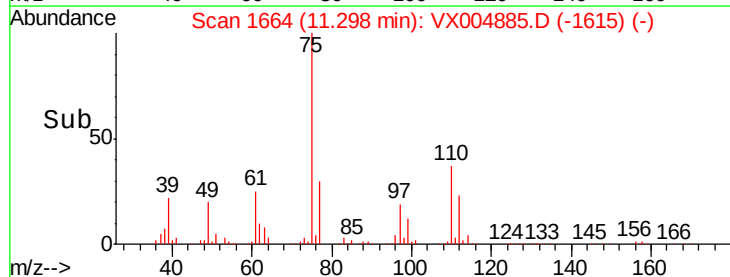
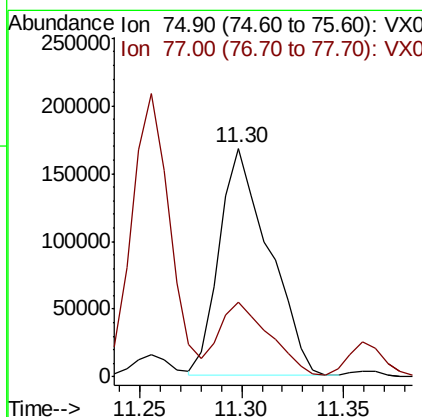
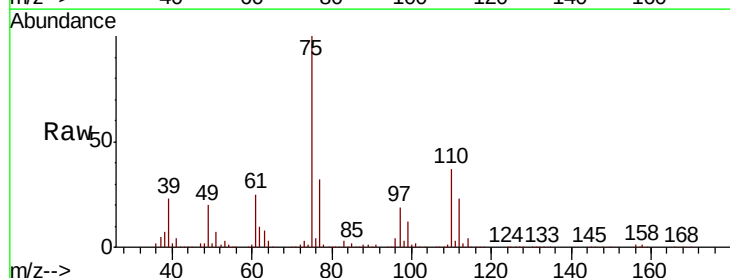
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

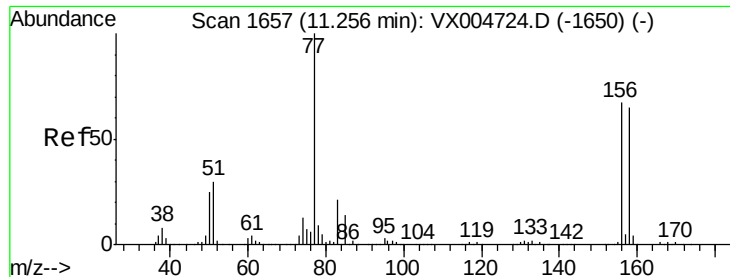
Tot Ion: 83 Resp: 249072  
 Ion Ratio Lower Upper  
 83 100  
 131 10.4 5.2 15.6  
 85 64.6 32.3 96.8



#76  
 1,2,3-Trichloropropane  
 Concen: 65.303 ug/l  
 RT: 11.30 min Scan# 1664  
 Delta R.T. 0.00 min  
 Lab File: VX004885.D  
 Acq: 01 Oct 2018 22:10

Tgt Ion: 75 Resp: 284203  
 Ion Ratio Lower Upper  
 75 100  
 77 33.4 20.2 60.6





#77

Bromobenzene

Concen: 51.402 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

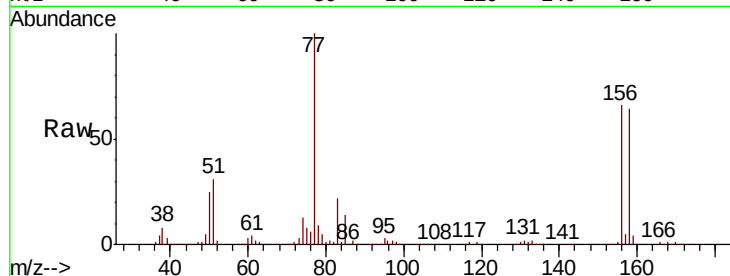
Tot Ion:156 Resp: 182727

Ion Ratio Lower Upper

156 100

77 148.4 71.5 214.3

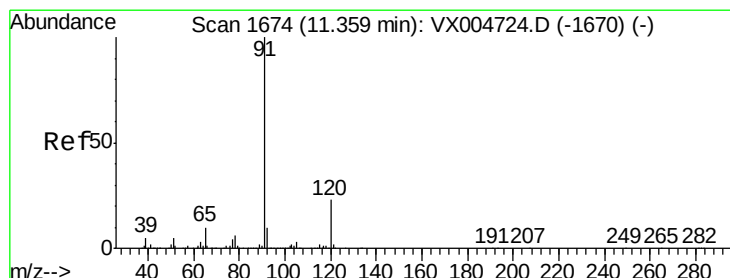
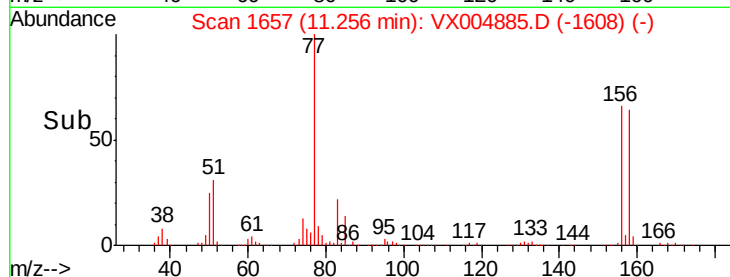
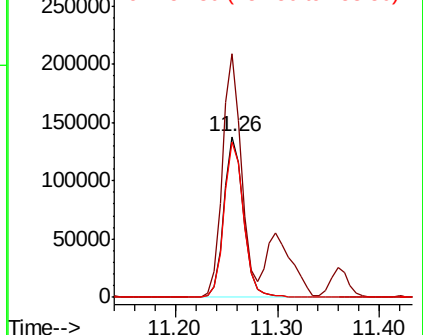
158 98.0 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 55.616 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004885.D

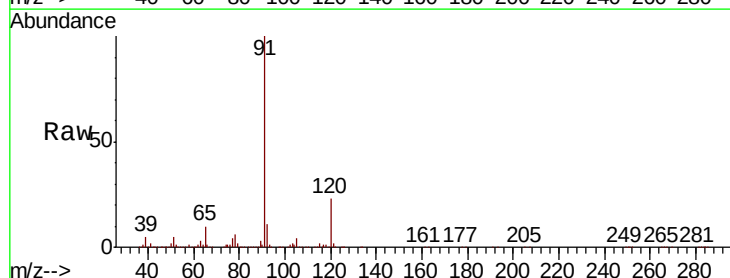
Acq: 01 Oct 2018 22:10

Tgt Ion: 91 Resp: 780985

Ion Ratio Lower Upper

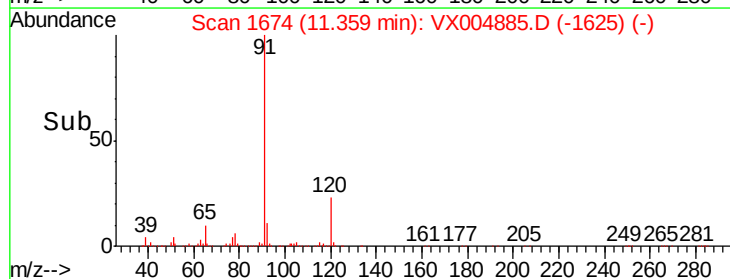
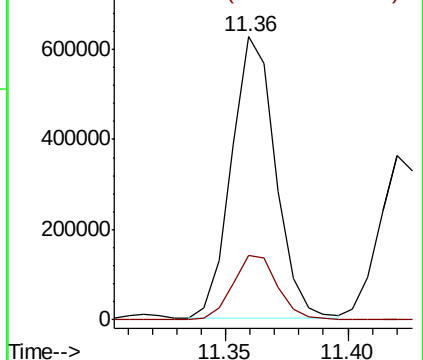
91 100

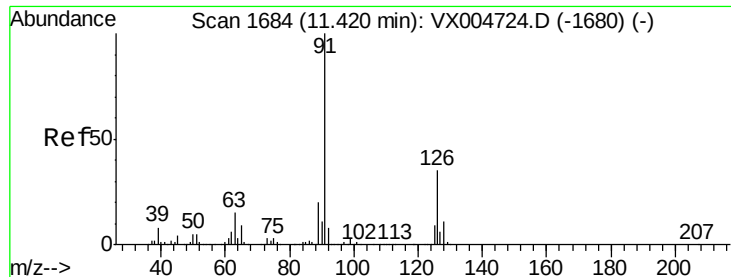
120 23.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 54.262 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA\_X

ClientSampleId :

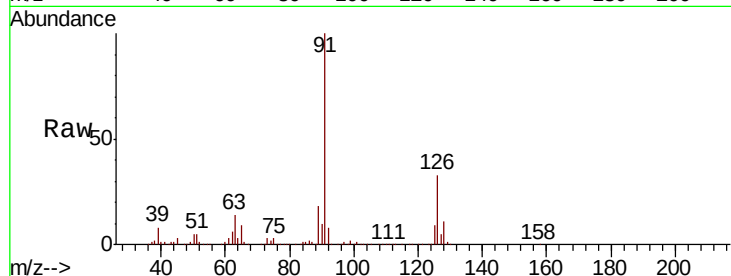
VSTDCCC050

Tot Ion: 91 Resp: 474953

Ion Ratio Lower Upper

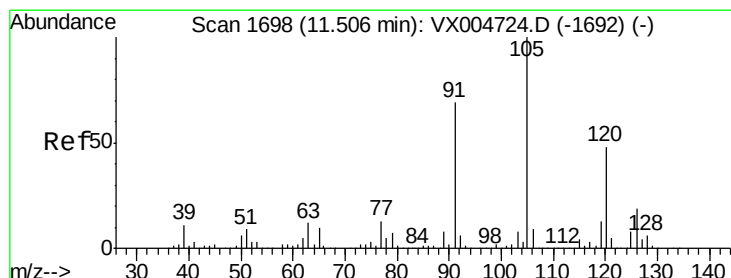
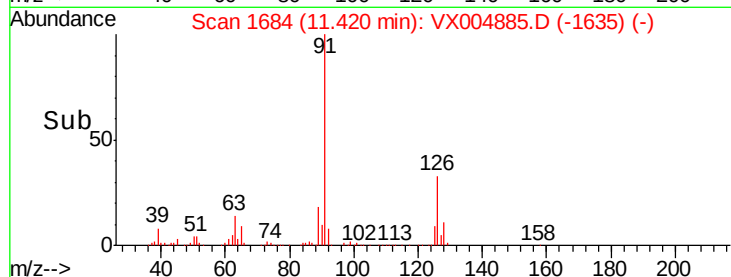
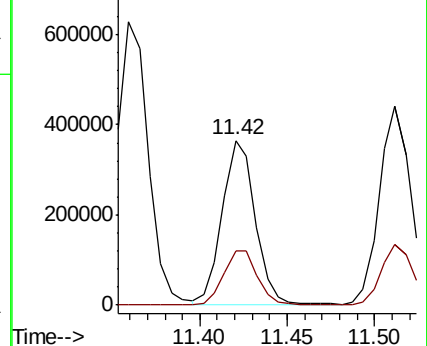
91 100

126 34.8 17.9 53.7



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: 51.845 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004885.D

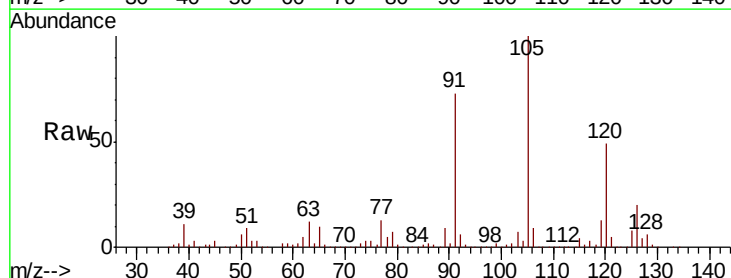
Acq: 01 Oct 2018 22:10

Tgt Ion: 105 Resp: 581484

Ion Ratio Lower Upper

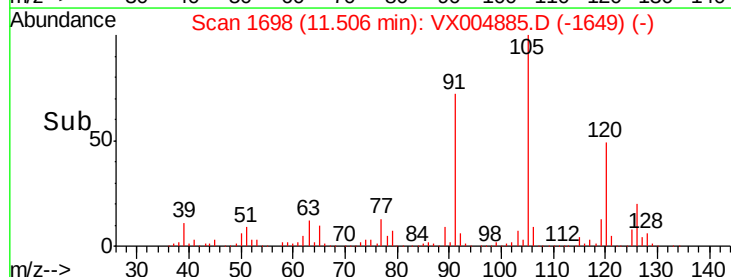
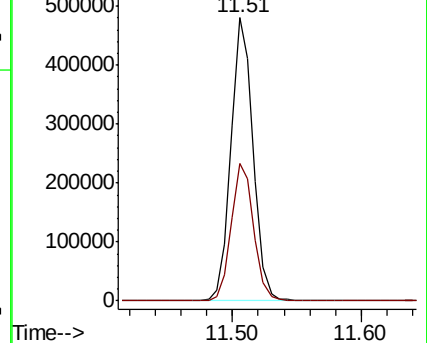
105 100

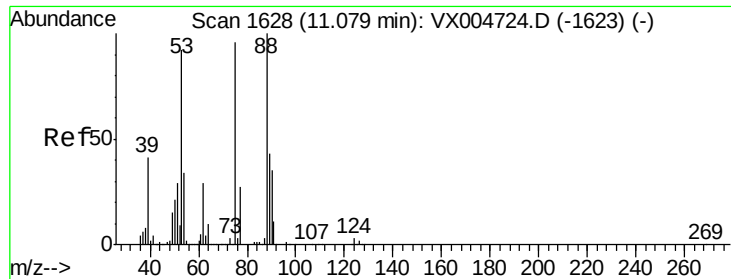
120 49.0 25.6 76.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

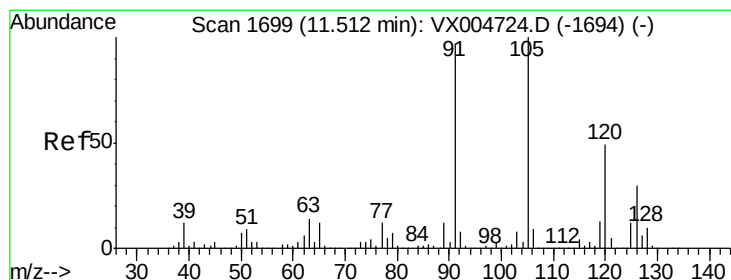
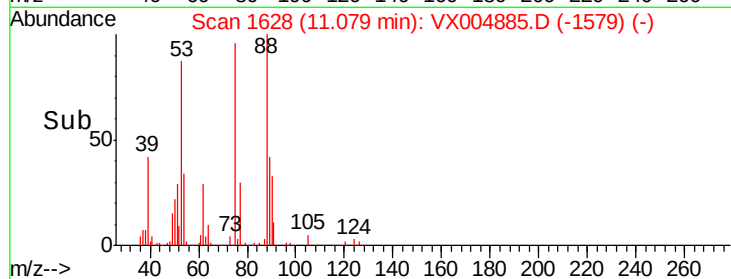
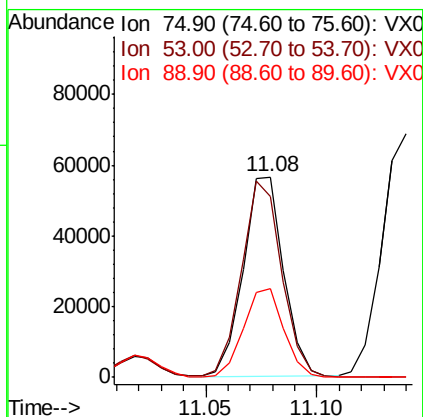
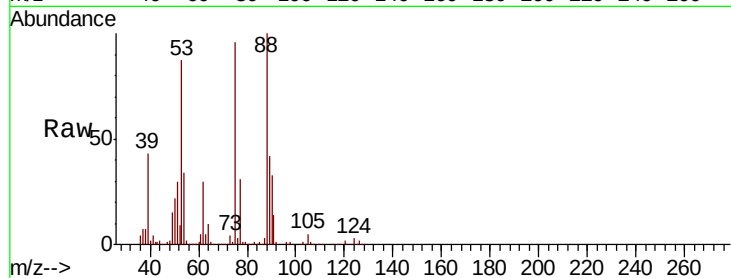




#81  
trans-1,4-Dichloro-2-butene  
Concen: 44.898 ug/l  
RT: 11.08 min Scan# 1628  
Delta R.T. 0.00 min  
Lab File: VX004885.D  
Acq: 01 Oct 2018 22:10

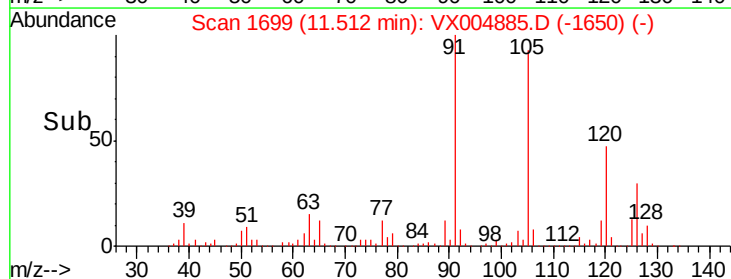
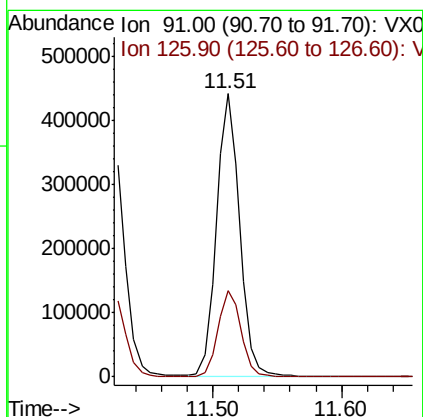
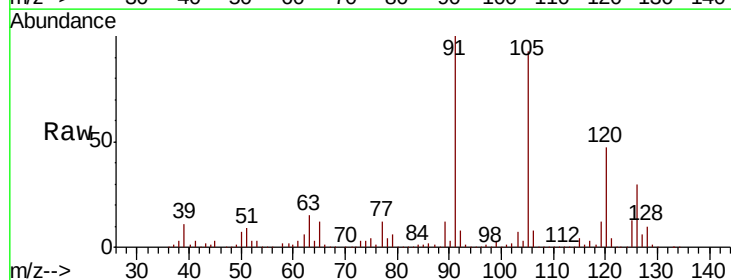
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050

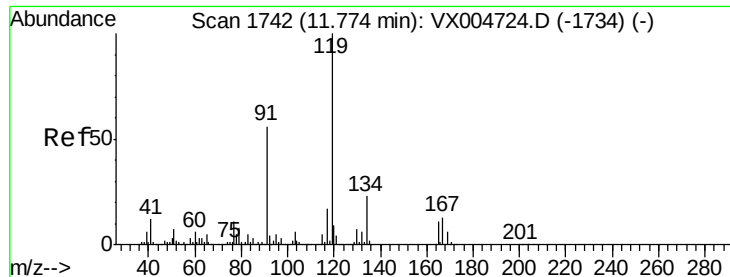
Tot Ion: 75 Resp: 71306  
Ion Ratio Lower Upper  
75 100  
53 98.5 80.1 120.1  
89 44.9 37.2 55.8



#82  
4-Chlorotoluene  
Concen: 54.296 ug/l  
RT: 11.51 min Scan# 1699  
Delta R.T. 0.00 min  
Lab File: VX004885.D  
Acq: 01 Oct 2018 22:10

Tgt Ion: 91 Resp: 559394  
Ion Ratio Lower Upper  
91 100  
126 30.6 15.5 46.5

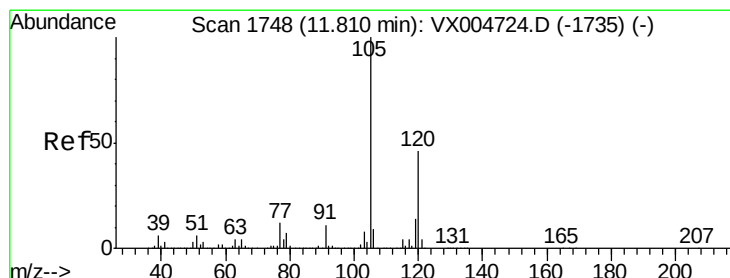
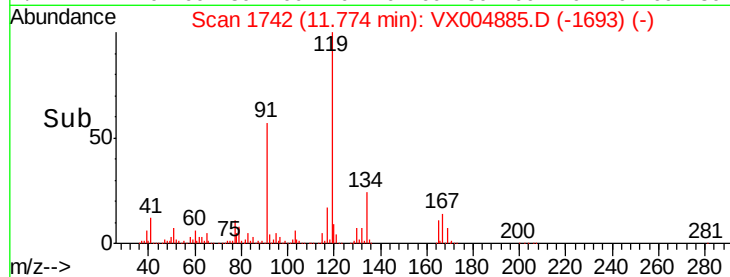
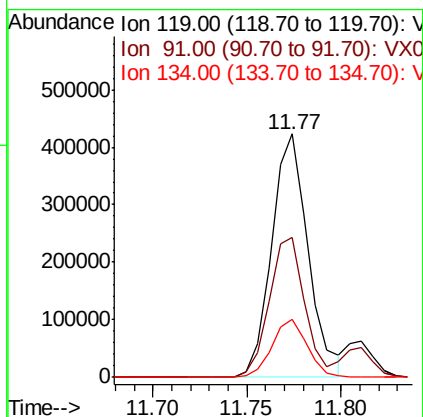
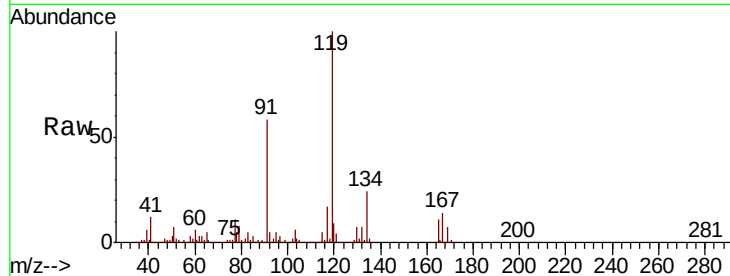




#83  
 tert-Butylbenzene  
 Concen: 56.189 ug/l  
 RT: 11.77 min Scan# 1742  
 Delta R.T. 0.00 min  
 Lab File: VX004885.D  
 Acq: 01 Oct 2018 22:10

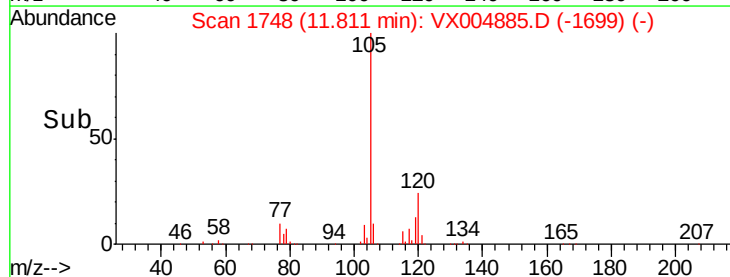
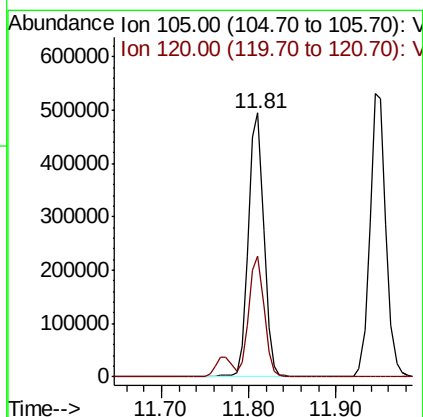
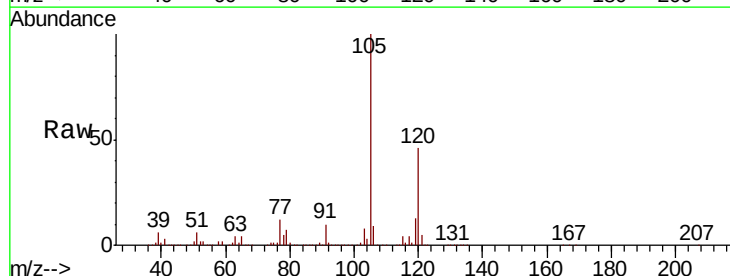
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

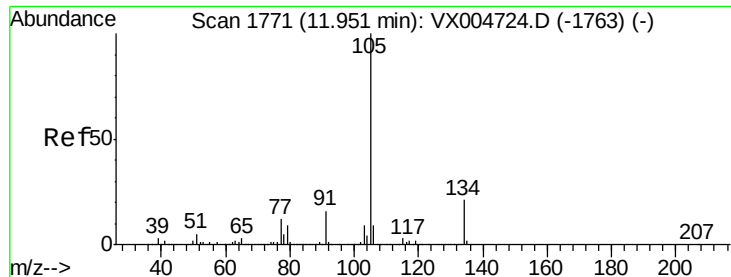
Tot Ion:119 Resp: 566195  
 Ion Ratio Lower Upper  
 119 100  
 91 56.0 27.0 81.0  
 134 23.0 11.7 35.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 52.062 ug/l  
 RT: 11.81 min Scan# 1748  
 Delta R.T. 0.00 min  
 Lab File: VX004885.D  
 Acq: 01 Oct 2018 22:10

Tgt Ion:105 Resp: 602167  
 Ion Ratio Lower Upper  
 105 100  
 120 45.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 55.623 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA\_X

ClientSampleId :

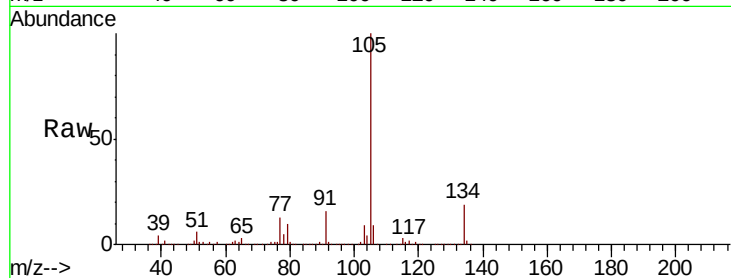
VSTDCCC050

Tot Ion:105 Resp: 682697

Ion Ratio Lower Upper

105 100

134 20.3 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

600000

500000

400000

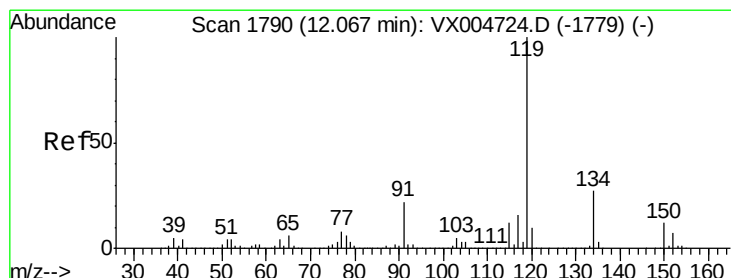
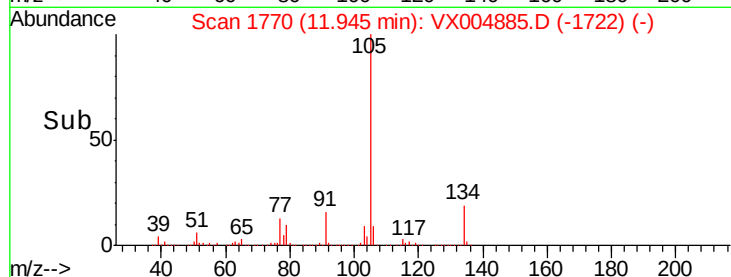
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 55.628 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

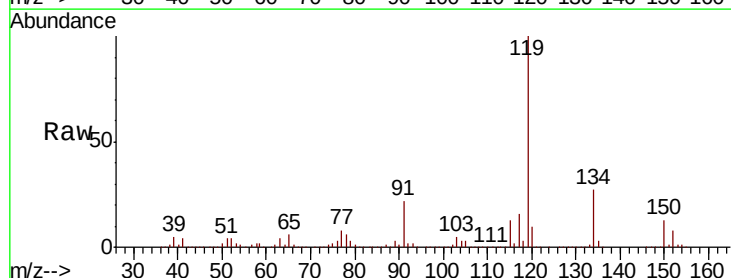
Tgt Ion:119 Resp: 618585

Ion Ratio Lower Upper

119 100

134 26.3 13.4 40.2

91 22.9 10.9 32.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

12.07

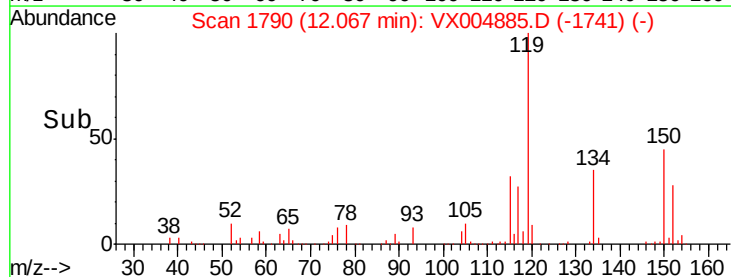
600000

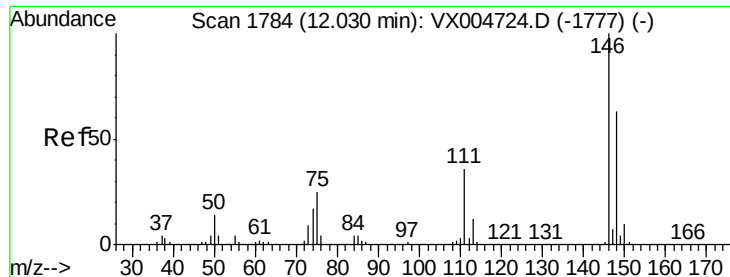
400000

200000

0

Time-->

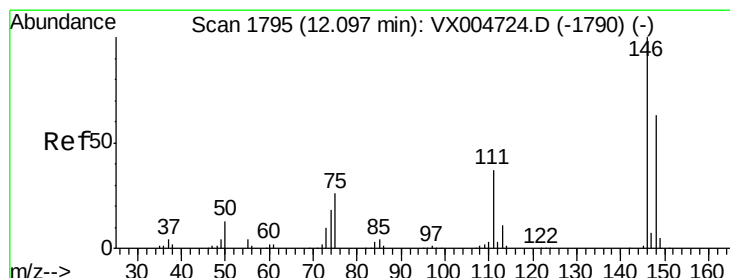
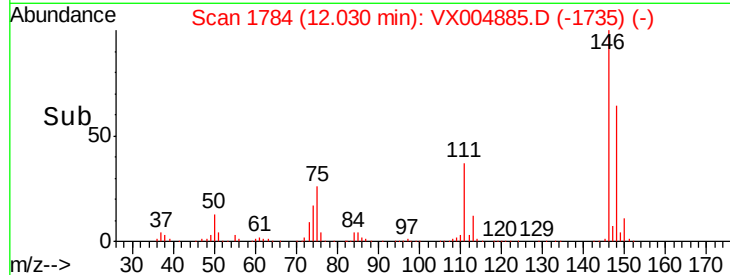
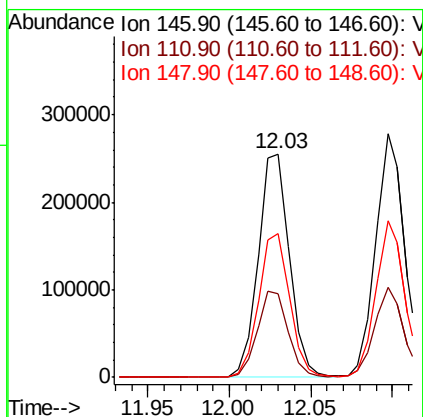
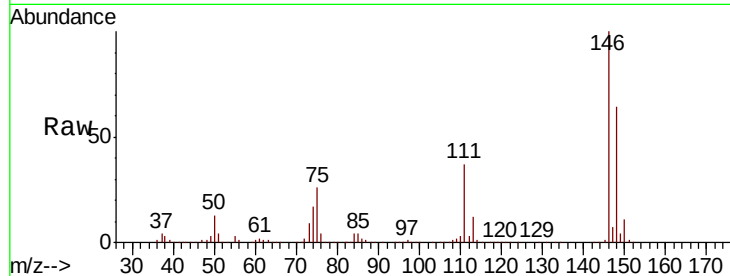




#87  
 1,3-Dichlorobenzene  
 Concen: 50.909 ug/l  
 RT: 12.03 min Scan# 1784  
 Delta R.T. 0.00 min  
 Lab File: VX004885.D  
 Acq: 01 Oct 2018 22:10

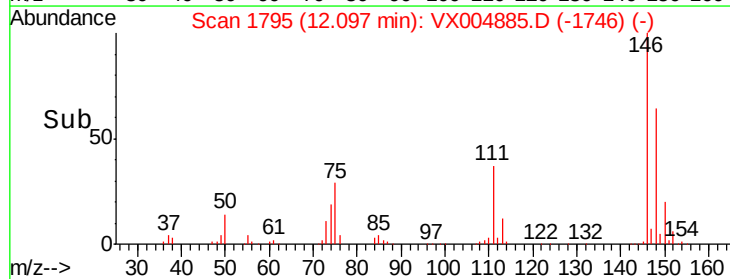
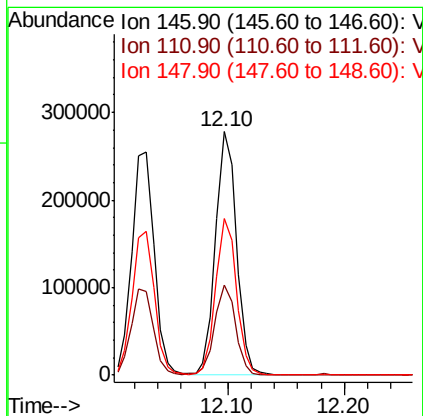
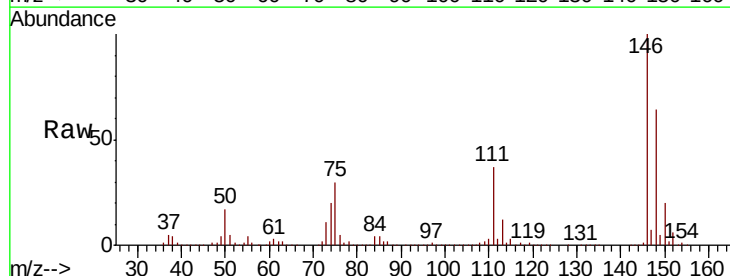
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

Tot Ion:146 Resp: 337929  
 Ion Ratio Lower Upper  
 146 100  
 111 38.4 18.7 56.1  
 148 64.0 32.1 96.5

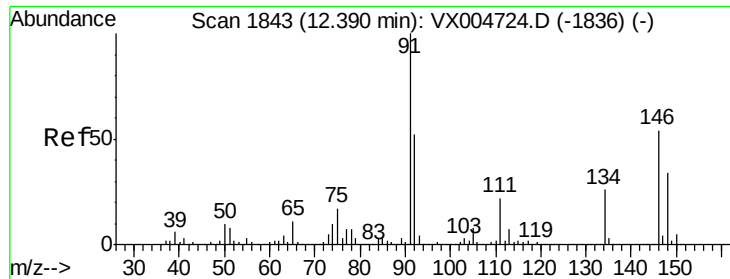


#88  
 1,4-Dichlorobenzene  
 Concen: 50.289 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. 0.00 min  
 Lab File: VX004885.D  
 Acq: 01 Oct 2018 22:10

Tgt Ion:146 Resp: 344593  
 Ion Ratio Lower Upper  
 146 100  
 111 37.3 18.1 54.1  
 148 64.1 32.0 96.0







#89

n-Butylbenzene

Concen: 54.656 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

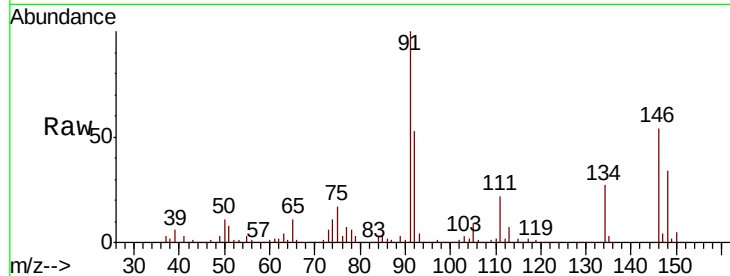
Tot Ion: 91 Resp: 551977

Ion Ratio Lower Upper

91 100

92 52.2 27.3 81.9

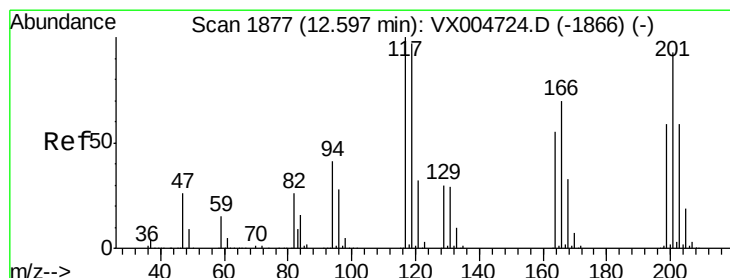
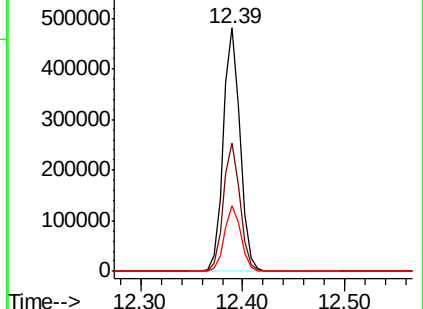
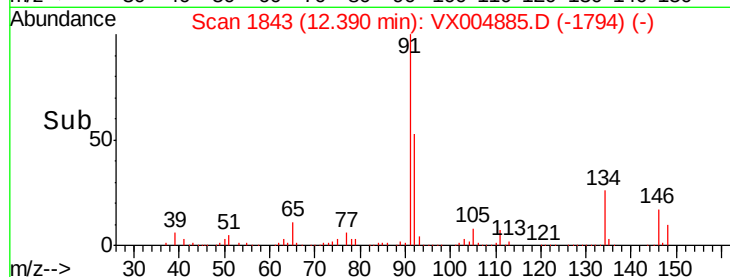
134 26.2 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX004724.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX004724.D (-1836) (-)



#90

Hexachloroethane

Concen: 53.726 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX004885.D

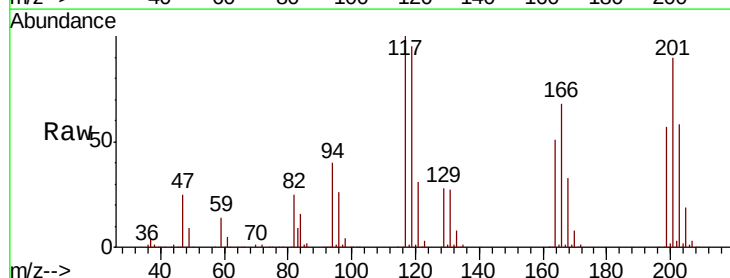
Acq: 01 Oct 2018 22:10

Tgt Ion: 117 Resp: 99470

Ion Ratio Lower Upper

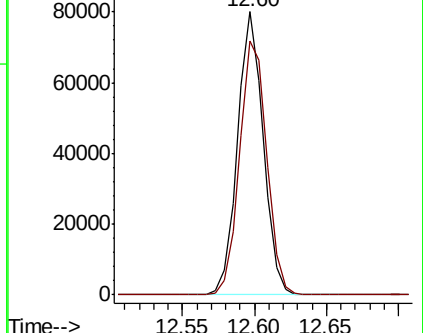
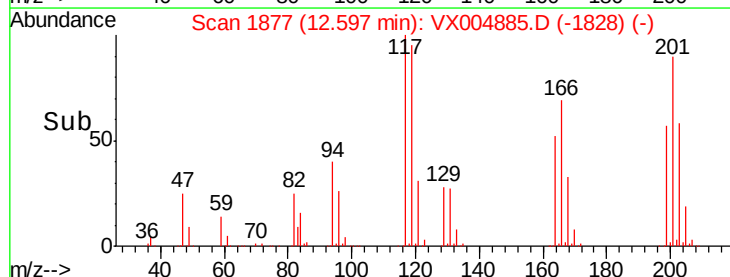
117 100

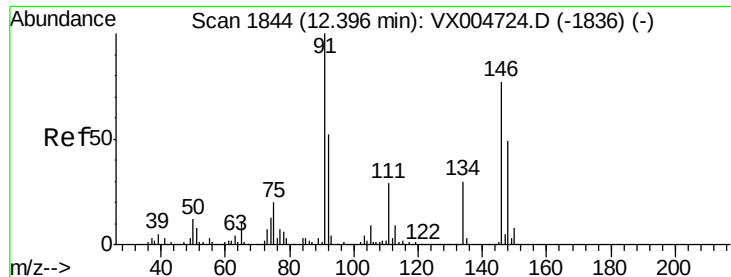
201 94.0 46.9 140.6



Abundance Ion 116.80 (116.50 to 117.50): VX004724.D (-1866) (-)

Ion 200.70 (200.40 to 201.40): VX004724.D (-1866) (-)

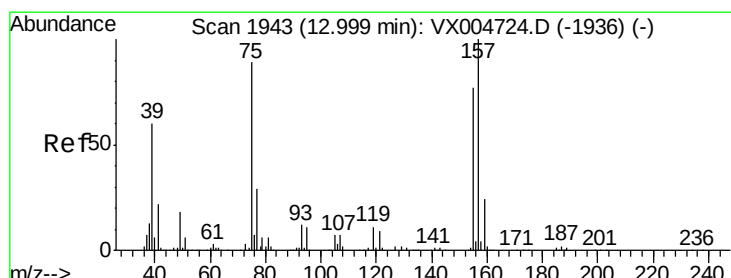
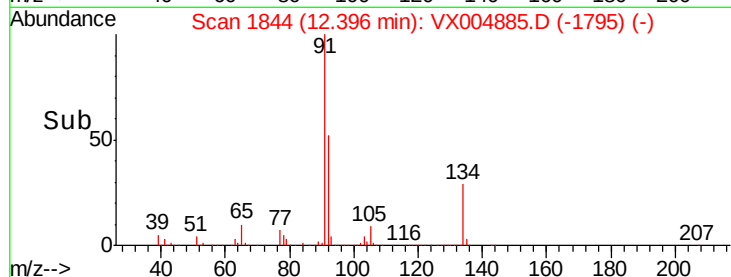
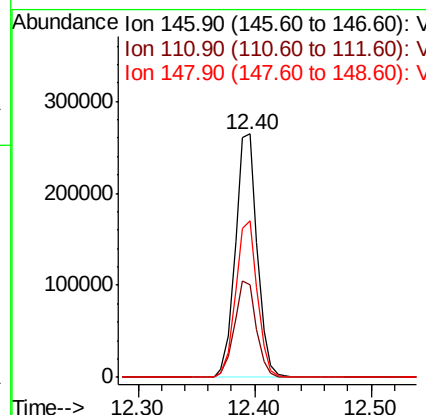
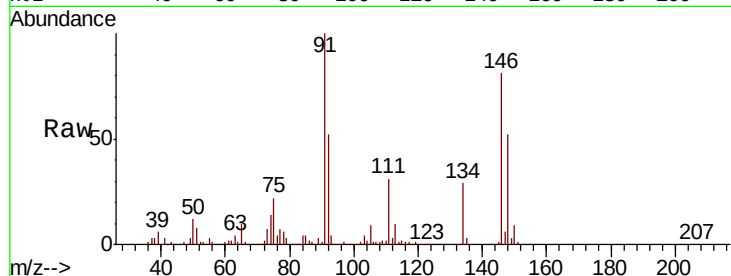




#91  
 1,2-Dichlorobenzene  
 Concen: 49.679 ug/l  
 RT: 12.40 min Scan# 1844  
 Delta R.T. 0.00 min  
 Lab File: VX004885.D  
 Acq: 01 Oct 2018 22:10

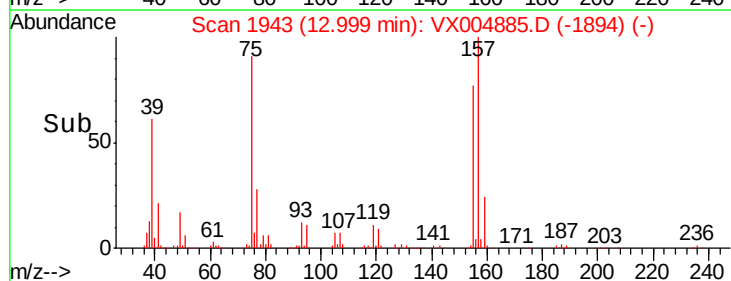
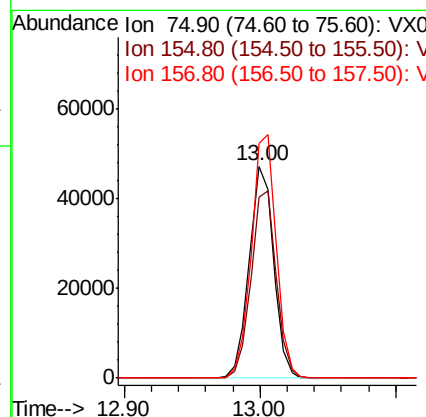
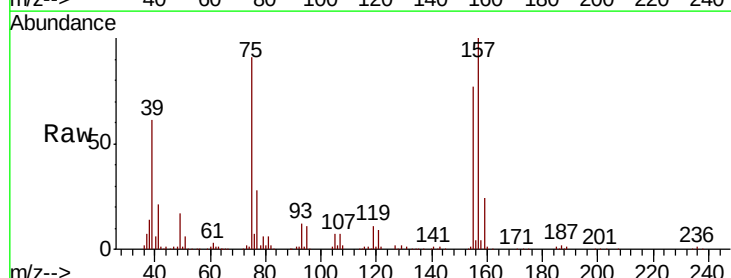
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

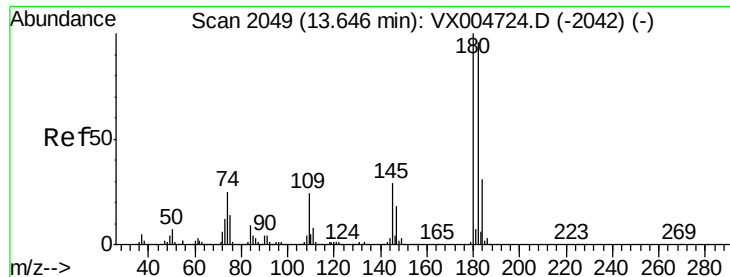
Tot Ion:146 Resp: 344623  
 Ion Ratio Lower Upper  
 146 100  
 111 39.5 19.4 58.1  
 148 64.0 32.8 98.3



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 54.232 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. 0.00 min  
 Lab File: VX004885.D  
 Acq: 01 Oct 2018 22:10

Tgt Ion: 75 Resp: 59324  
 Ion Ratio Lower Upper  
 75 100  
 155 91.1 48.0 144.2  
 157 116.7 61.4 184.1

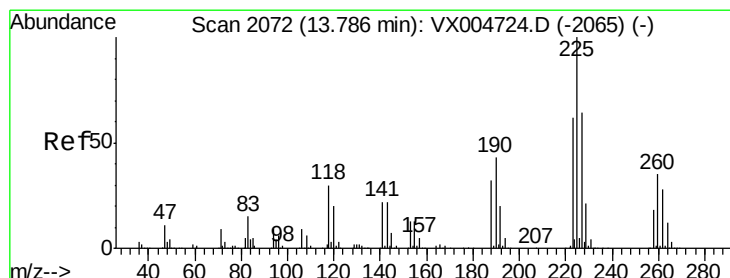
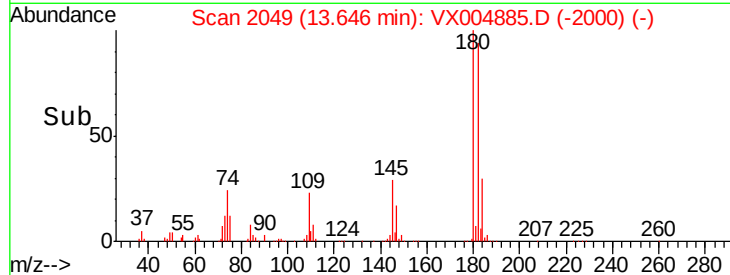
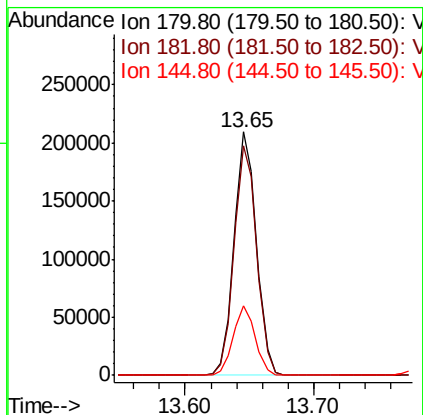
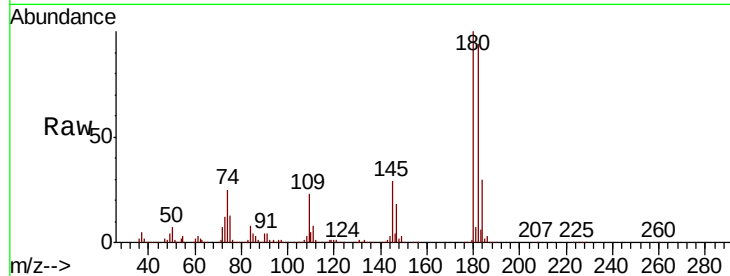




#93  
 1,2,4-Trichlorobenzene  
 Concen: 52.158 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. 0.00 min  
 Lab File: VX004885.D  
 Acq: 01 Oct 2018 22:10

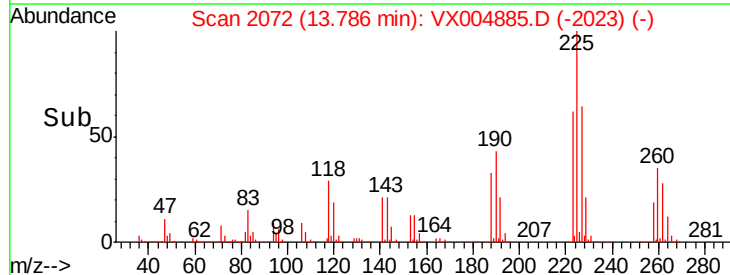
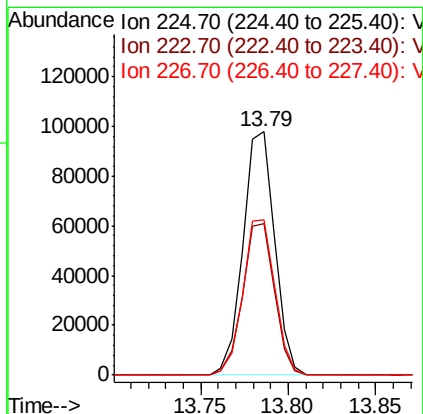
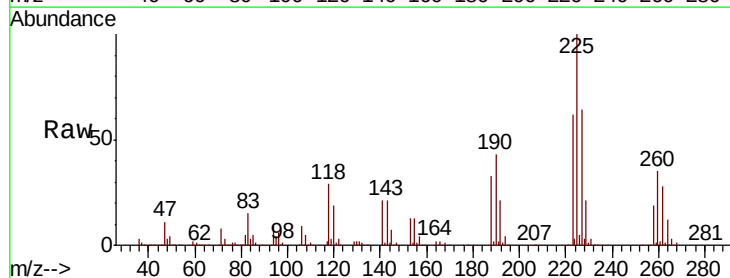
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050

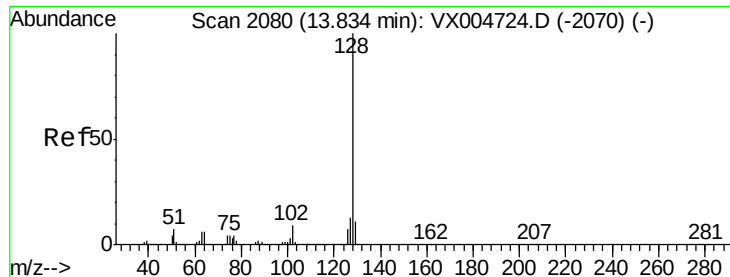
| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 95.3  | 48.4  | 145.0 |
| 145     | 28.1  | 14.3  | 42.9  |



#94  
 Hexachlorobutadiene  
 Concen: 48.943 ug/l  
 RT: 13.79 min Scan# 2072  
 Delta R.T. 0.00 min  
 Lab File: VX004885.D  
 Acq: 01 Oct 2018 22:10

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 62.6  | 30.1  | 90.5  |
| 227     | 64.4  | 30.8  | 92.4  |





#95

Naphthalene

Concen: 51.129 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050

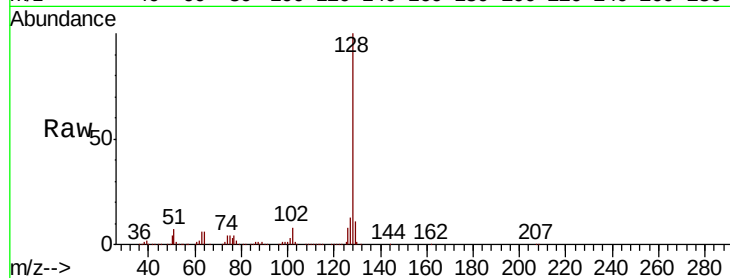
Tot Ion:128 Resp: 826059

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.2

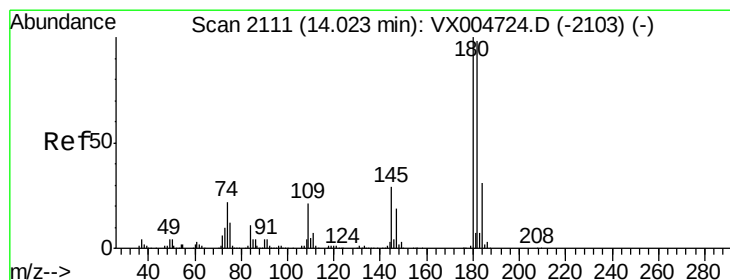
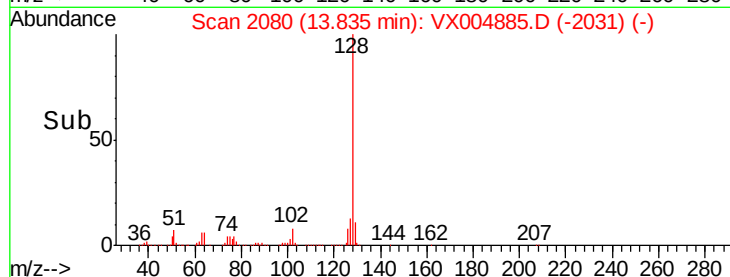
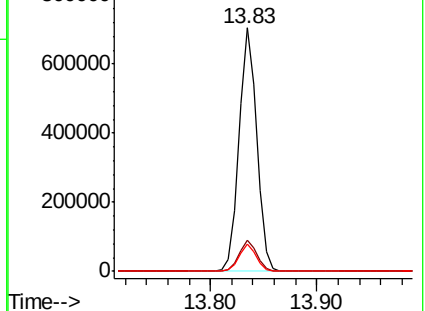
129 10.9 8.6 12.8



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: 52.197 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX004885.D

Acq: 01 Oct 2018 22:10

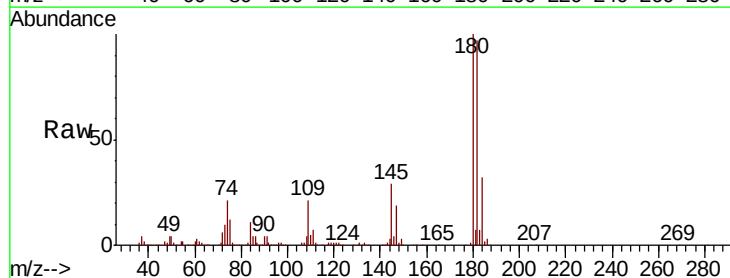
Tgt Ion:180 Resp: 262385

Ion Ratio Lower Upper

180 100

182 96.6 48.5 145.6

145 30.1 14.9 44.9



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

