

Data File : VX004212.D  
Acq On : 22 Aug 2018 21:16  
Operator : JC/MD  
Sample : VSTDCCC050EC  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Aug 23 05:53:54 2018  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X082218W.M  
Quant Title : SW846 8260  
QLast Update : Thu Aug 23 05:39:44 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 338511   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 508220   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 446787   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 287445   | 50.00 | ug/l  | 0.00     |

|                             |        |     |          |       |         |      |
|-----------------------------|--------|-----|----------|-------|---------|------|
| System Monitoring Compounds |        |     |          |       |         |      |
| 33) 1,2-Dichloroethane-d4   | 6.07   | 65  | 216449   | 49.06 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.12%  |      |
| 35) Dibromofluoromethane    | 5.50   | 113 | 183121   | 48.43 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 96.86%  |      |
| 50) Toluene-d8              | 8.71   | 98  | 704358   | 49.36 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 98.72%  |      |
| 62) 4-Bromofluorobenzene    | 11.14  | 95  | 266438   | 50.04 | ug/l    | 0.00 |
| Spiked Amount               | 50.000 |     | Recovery | =     | 100.08% |      |

| Target Compounds              |      |     |         |         |      | Qvalue |
|-------------------------------|------|-----|---------|---------|------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85  | 207787  | 52.995  | ug/l | 98     |
| 3) Chloromethane              | 1.32 | 50  | 209481  | 48.351  | ug/l | 98     |
| 4) Vinyl Chloride             | 1.40 | 62  | 224472  | 50.610  | ug/l | 100    |
| 5) Bromomethane               | 1.64 | 94  | 103851  | 47.396  | ug/l | 96     |
| 6) Chloroethane               | 1.71 | 64  | 144292  | 45.697  | ug/l | 99     |
| 7) Trichlorofluoromethane     | 1.92 | 101 | 304265  | 50.060  | ug/l | 99     |
| 8) Diethyl Ether              | 2.19 | 74  | 131693  | 50.599  | ug/l | 98     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101 | 184619  | 48.495  | ug/l | 99     |
| 10) Methyl Iodide             | 2.51 | 142 | 186951  | 44.072  | ug/l | 99     |
| 11) Tert butyl alcohol        | 3.07 | 59  | 240931  | 256.176 | ug/l | 100    |
| 12) 1,1-Dichloroethene        | 2.37 | 96  | 179319  | 50.004  | ug/l | 97     |
| 13) Acrolein                  | 2.29 | 56  | 58002   | 255.809 | ug/l | 100    |
| 14) Allyl chloride            | 2.72 | 41  | 322499  | 48.947  | ug/l | 99     |
| 15) Acrylonitrile             | 3.15 | 53  | 561019  | 240.870 | ug/l | 99     |
| 16) Acetone                   | 2.45 | 43  | 456341  | 253.484 | ug/l | 98     |
| 17) Carbon Disulfide          | 2.57 | 76  | 483267  | 48.548  | ug/l | 99     |
| 18) Methyl Acetate            | 2.78 | 43  | 336684  | 51.423  | ug/l | 100    |
| 19) Methyl tert-butyl Ether   | 3.20 | 73  | 608129  | 51.457  | ug/l | 100    |
| 20) Methylene Chloride        | 2.85 | 84  | 200683  | 47.251  | ug/l | 95     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96  | 190766  | 48.060  | ug/l | 95     |
| 22) Diisopropyl ether         | 3.87 | 45  | 616830  | 50.141  | ug/l | 94     |
| 23) Vinyl Acetate             | 3.82 | 43  | 2502715 | 251.009 | ug/l | 99     |
| 24) 1,1-Dichloroethane        | 3.69 | 63  | 342817  | 47.817  | ug/l | 99     |
| 25) 2-Butanone                | 4.70 | 43  | 749370  | 253.518 | ug/l | 99     |
| 26) 2,2-Dichloropropane       | 4.58 | 77  | 232879  | 41.415  | ug/l | 98     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96  | 222505  | 49.423  | ug/l | 98     |
| 28) Bromochloromethane        | 5.01 | 49  | 157805  | 49.717  | ug/l | 99     |
| 29) Tetrahydrofuran           | 5.16 | 42  | 477321  | 251.801 | ug/l | 98     |
| 30) Chloroform                | 5.21 | 83  | 354689  | 49.344  | ug/l | 99     |
| 31) Cyclohexane               | 5.57 | 56  | 315789  | 51.051  | ug/l | 99     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97  | 300464  | 50.129  | ug/l | 100    |
| 36) 1,1-Dichloropropene       | 5.79 | 75  | 272618  | 47.714  | ug/l | 99     |
| 37) Ethyl Acetate             | 4.85 | 43  | 276991  | 49.294  | ug/l | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117 | 263513  | 49.028  | ug/l | 98     |

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MSVOA\_X  
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Quant Title : SW846 8260  
QLast Update : Thu Aug 23 05:39:44 2018  
Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units | Dev(Min) |
|--------------------------------|-------|------|----------|----------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 330987   | 50.739   | ug/l  | 99       |
| 40) Benzene                    | 6.14  | 78   | 829141   | 48.566   | ug/l  | 100      |
| 41) Methacrylonitrile          | 5.06  | 41   | 161693   | 49.643   | ug/l  | 99       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 278004   | 47.738   | ug/l  | 100      |
| 43) Isopropyl Acetate          | 6.46  | 43   | 446950   | 51.764   | ug/l  | 99       |
| 44) Trichloroethene            | 7.21  | 130  | 224572   | 47.521   | ug/l  | 98       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 208989   | 48.910   | ug/l  | 99       |
| 46) Dibromomethane             | 7.66  | 93   | 136932   | 48.130   | ug/l  | 98       |
| 47) Bromodichloromethane       | 7.90  | 83   | 260784   | 49.261   | ug/l  | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 237080   | 51.315   | ug/l  | 99       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 107263   | 1022.556 | ug/l  | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 1488937  | 237.334  | ug/l  | 99       |
| 52) Toluene                    | 8.79  | 92   | 528477   | 49.451   | ug/l  | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 296550   | 50.717   | ug/l  | 99       |
| 54) cis-1,3-Dichloropropene    | 8.44  | 75   | 322863   | 50.693   | ug/l  | 97       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 212543   | 49.268   | ug/l  | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 320332   | 54.546   | ug/l  | 98       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 357826   | 49.209   | ug/l  | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 804297   | 267.288  | ug/l  | 99       |
| 59) 2-Hexanone                 | 9.50  | 43   | 1139372  | 238.056  | ug/l  | 99       |
| 60) Dibromochloromethane       | 9.59  | 129  | 214128   | 50.945   | ug/l  | 100      |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 222898   | 49.927   | ug/l  | 100      |
| 64) Tetrachloroethene          | 9.34  | 164  | 216336   | 49.015   | ug/l  | 99       |
| 65) Chlorobenzene              | 10.14 | 112  | 557053   | 49.678   | ug/l  | 98       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 201786   | 52.174   | ug/l  | 96       |
| 67) Ethyl Benzene              | 10.26 | 91   | 959716   | 52.701   | ug/l  | 100      |
| 68) m/p-Xylenes                | 10.36 | 106  | 751432   | 105.528  | ug/l  | 95       |
| 69) o-Xylene                   | 10.70 | 106  | 381907   | 56.700   | ug/l  | 96       |
| 70) Styrene                    | 10.71 | 104  | 587683   | 53.886   | ug/l  | 98       |
| 71) Bromoform                  | 10.86 | 173  | 158952   | 50.985   | ug/l  | 99       |
| 73) Isopropylbenzene           | 11.02 | 105  | 1019870  | 54.021   | ug/l  | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 394577   | 54.282   | ug/l  | 98       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 329241   | 49.834   | ug/l  | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 371588   | 63.562   | ug/l  | 86       |
| 77) Bromobenzene               | 11.26 | 156  | 268026   | 50.611   | ug/l  | 98       |
| 78) n-propylbenzene            | 11.36 | 91   | 1183256  | 54.494   | ug/l  | 100      |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 686821   | 51.390   | ug/l  | 99       |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 861457   | 55.100   | ug/l  | 99       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 91337    | 50.692   | ug/l  | 97       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 806687   | 51.294   | ug/l  | 99       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 859043   | 54.611   | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.81 | 105  | 905292   | 56.410   | ug/l  | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 1009139  | 54.036   | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 915279   | 54.687   | ug/l  | 100      |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 497581   | 49.903   | ug/l  | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 508537   | 48.373   | ug/l  | 100      |
| 89) n-Butylbenzene             | 12.39 | 91   | 721352   | 53.004   | ug/l  | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 123031   | 52.594   | ug/l  | 97       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 472441   | 51.843   | ug/l  | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 60810    | 52.257   | ug/l  | 96       |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_X\DATA\VX082218\  
Quantitation Report (Not Reviewed)

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ALS Vial : 24 Sample Multiplier: 1

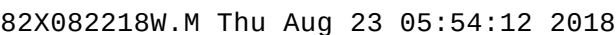
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

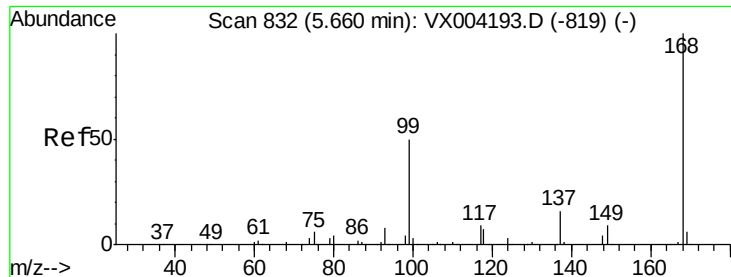
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Quant Title : SW846 8260  
QLast Update : Thu Aug 23 05:39:44 2018  
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| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 345079   | 52.044 | ug/l  | 96       |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 149391   | 48.427 | ug/l  | 95       |
| 95) Naphthalene            | 13.83 | 128  | 1041454  | 55.534 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 368647   | 52.521 | ug/l  | 98       |

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 832

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA\_X

ClientSampleId :

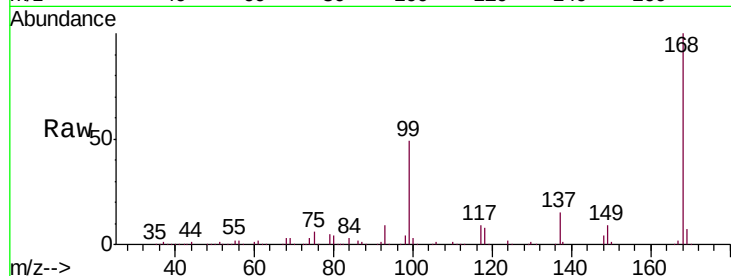
VSTDCCC050EC

Tgt Ion:168 Resp: 338511

Ion Ratio Lower Upper

168 100

99 49.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

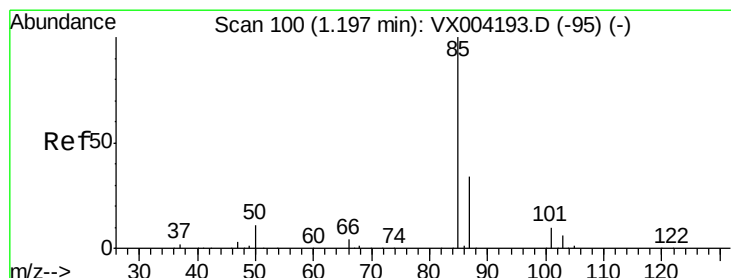
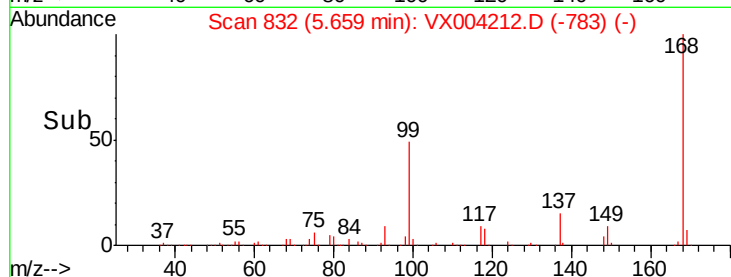
5.66

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 52.995 ug/l

RT: 1.20 min Scan# 100

Delta R.T. -0.00 min

Lab File: VX004212.D

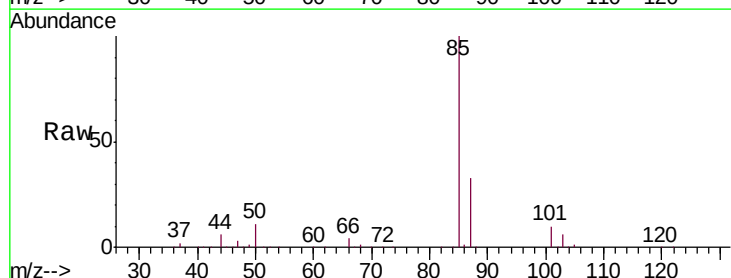
Acq: 22 Aug 2018 21:16

Tgt Ion: 85 Resp: 207787

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

200000

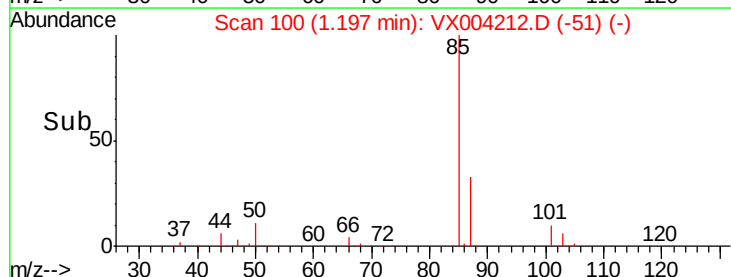
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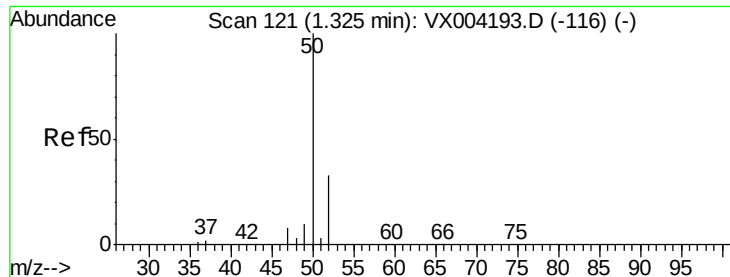
100000

50000

0

Time-->





#3

Chloromethane

Concen: 48.351 ug/l

RT: 1.32 min Scan# 120

Delta R.T. -0.01 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA\_X

ClientSampleId :

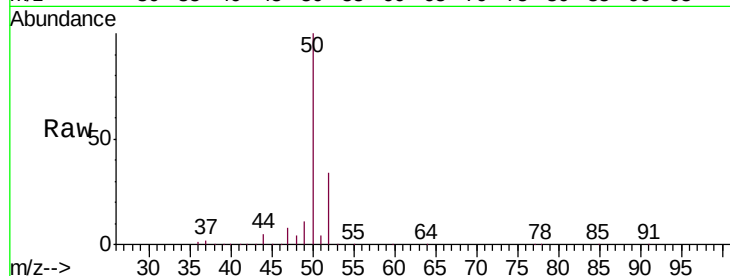
VSTDCCC050EC

Tgt Ion: 50 Resp: 209481

Ion Ratio Lower Upper

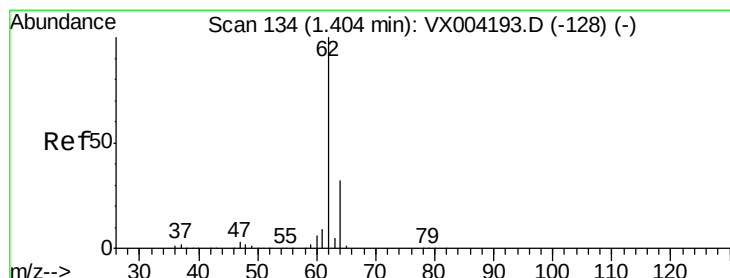
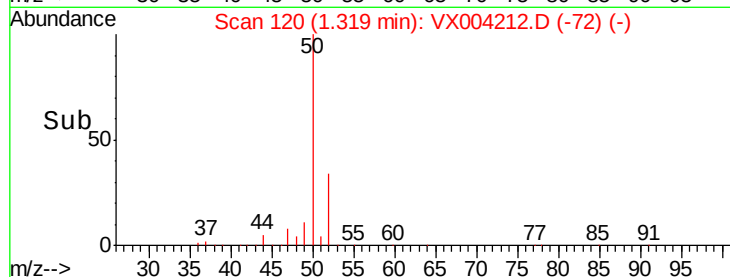
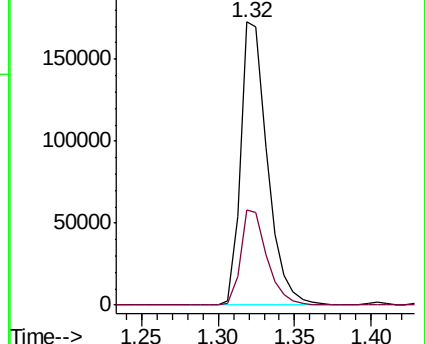
50 100

52 33.8 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 50.610 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX004212.D

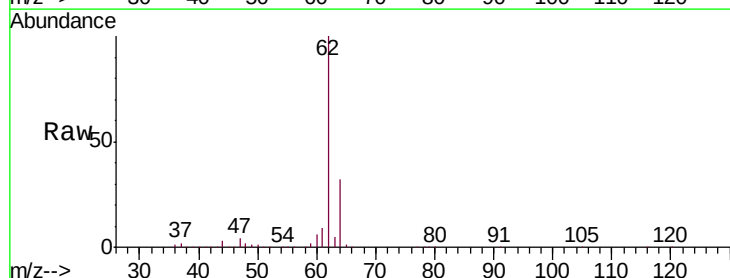
Acq: 22 Aug 2018 21:16

Tgt Ion: 62 Resp: 224472

Ion Ratio Lower Upper

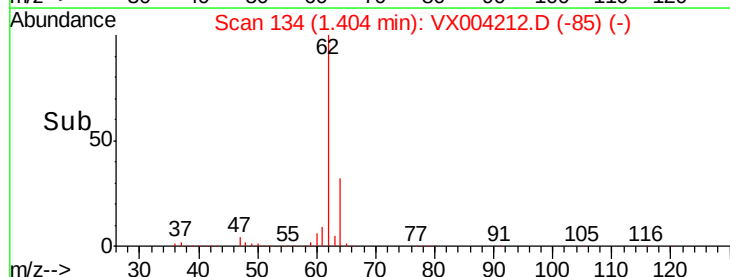
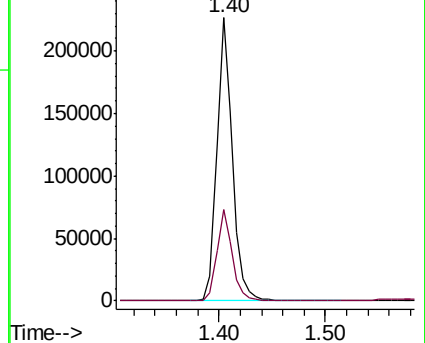
62 100

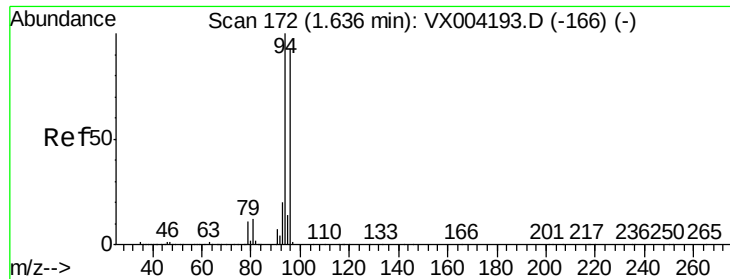
64 32.3 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 47.396 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

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Acq: 22 Aug 2018 21:16

Instrument :

MSVOA\_X

ClientSampleId :

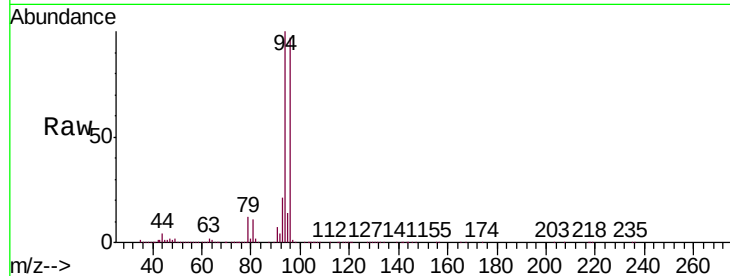
VSTDCCC050EC

Tgt Ion: 94 Resp: 103851

Ion Ratio Lower Upper

94 100

96 96.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

120000

100000

80000

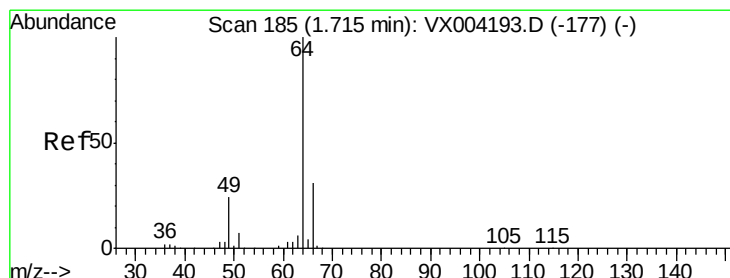
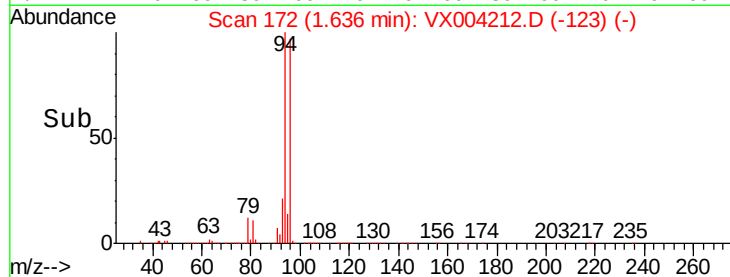
60000

40000

20000

0

Time-->



#6

Chloroethane

Concen: 45.697 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.00 min

Lab File: VX004212.D

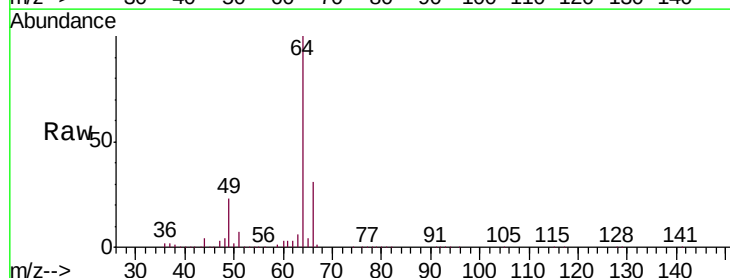
Acq: 22 Aug 2018 21:16

Tgt Ion: 64 Resp: 144292

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

1.71

120000

100000

80000

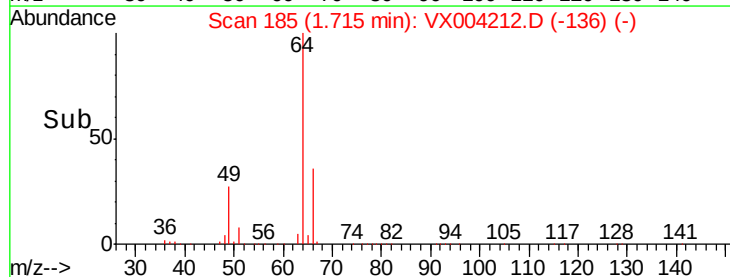
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40000

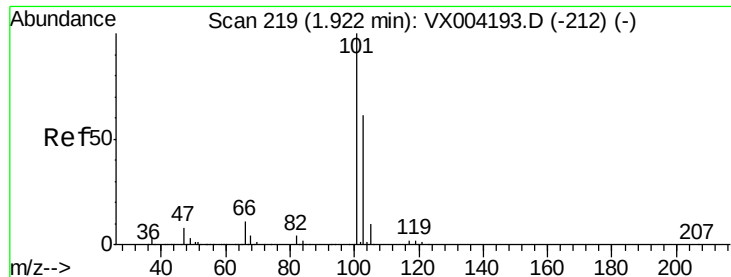
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0

Time-->





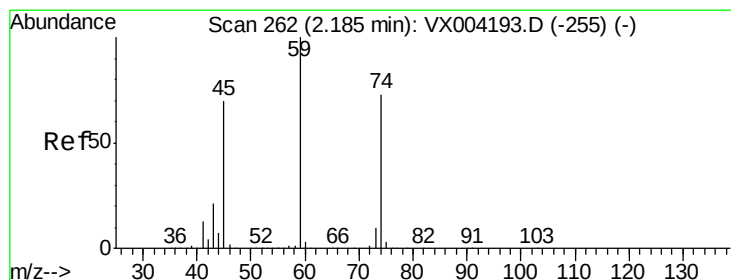
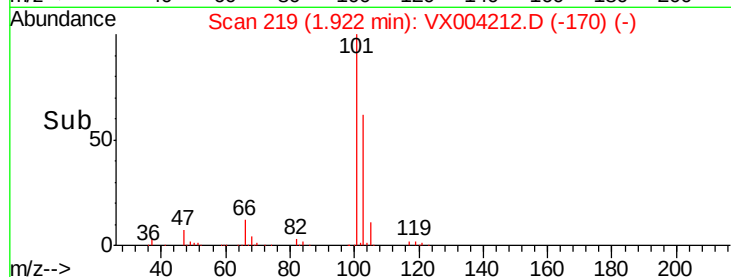
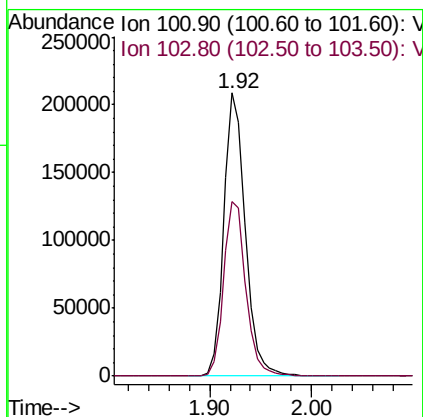
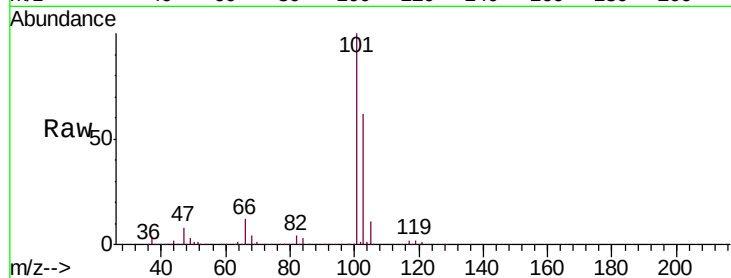


#7

Trichlorofluoromethane  
 Concen: 50.060 ug/l  
 RT: 1.92 min Scan# 219  
 Delta R.T. -0.00 min  
 Lab File: VX004212.D  
 Acq: 22 Aug 2018 21:16

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

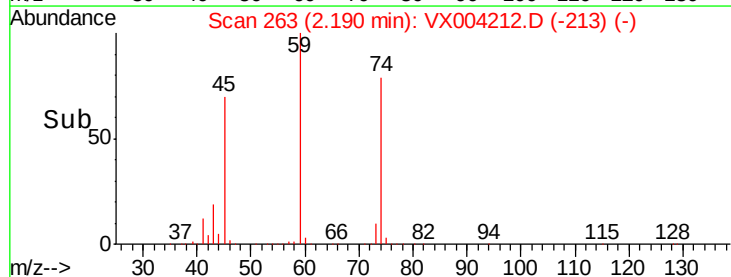
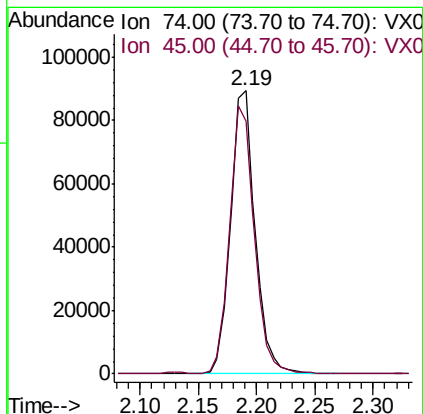
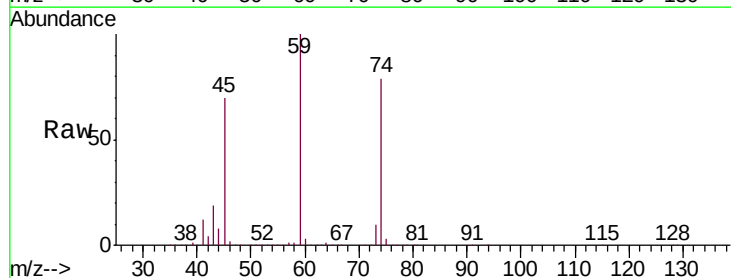
Tgt Ion:101 Resp: 304265  
 Ion Ratio Lower Upper  
 101 100  
 103 61.7 48.9 73.3



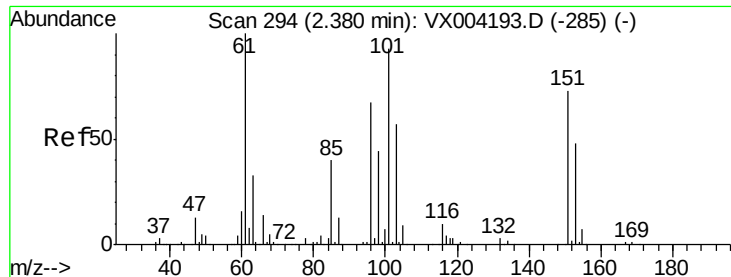
#8

Diethyl Ether  
 Concen: 50.599 ug/l  
 RT: 2.19 min Scan# 263  
 Delta R.T. 0.01 min  
 Lab File: VX004212.D  
 Acq: 22 Aug 2018 21:16

Tgt Ion: 74 Resp: 131693  
 Ion Ratio Lower Upper  
 74 100  
 45 94.5 48.3 144.8







#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.495 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

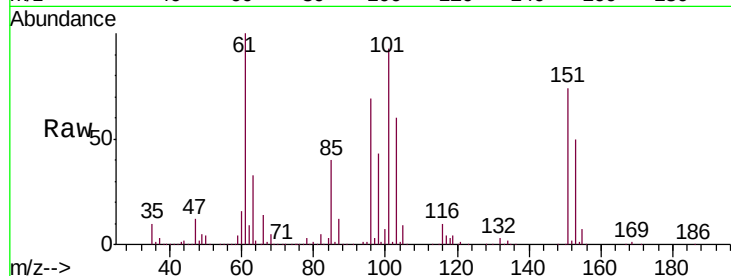
Tgt Ion:101 Resp: 184619

Ion Ratio Lower Upper

101 100

85 42.3 34.2 51.4

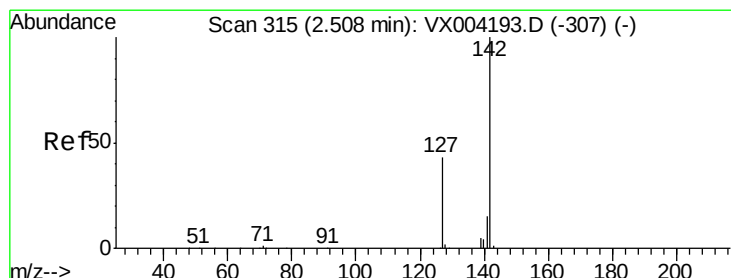
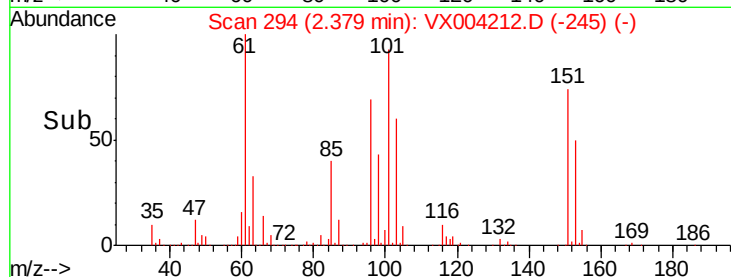
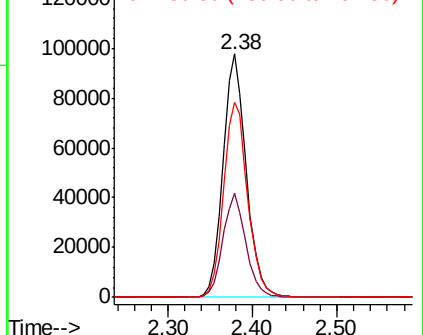
151 82.8 65.0 97.6



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: 44.072 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

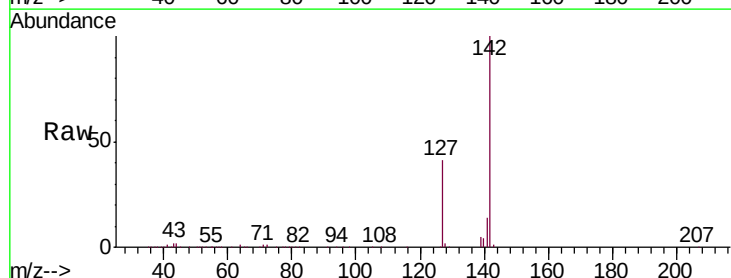
Tgt Ion:142 Resp: 186951

Ion Ratio Lower Upper

142 100

127 41.0 33.8 50.6

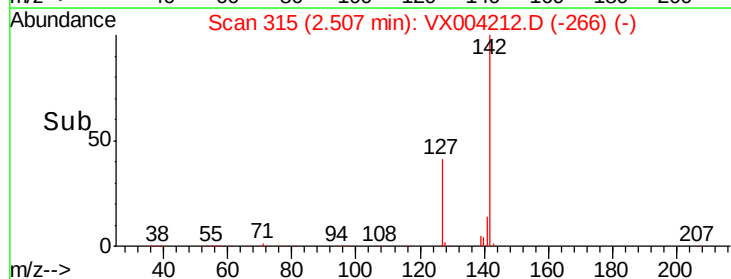
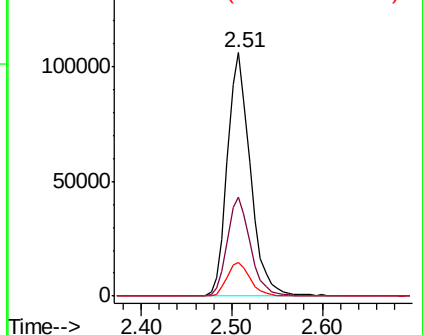
141 14.2 11.4 17.0

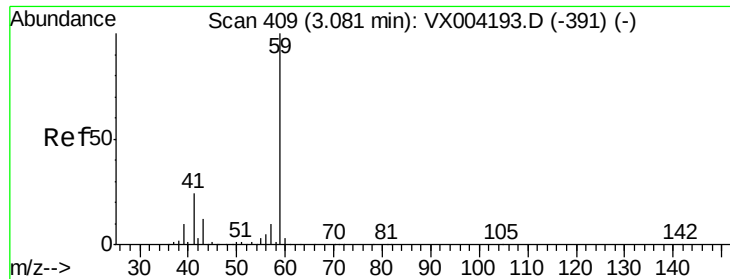


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

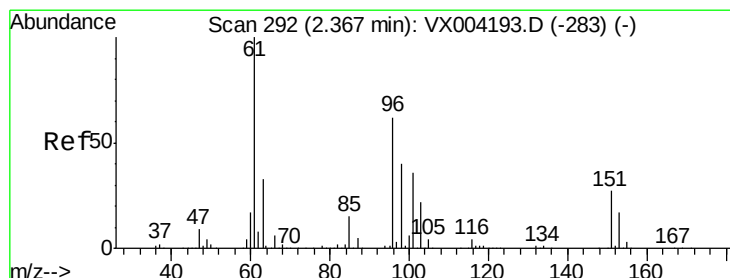
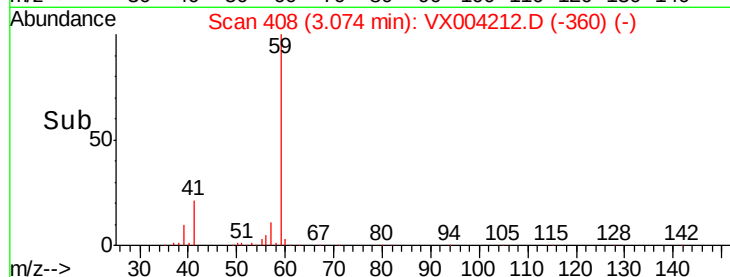
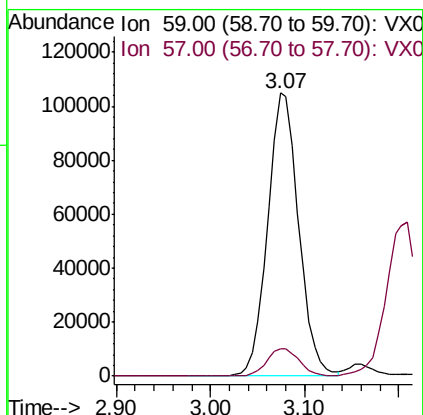
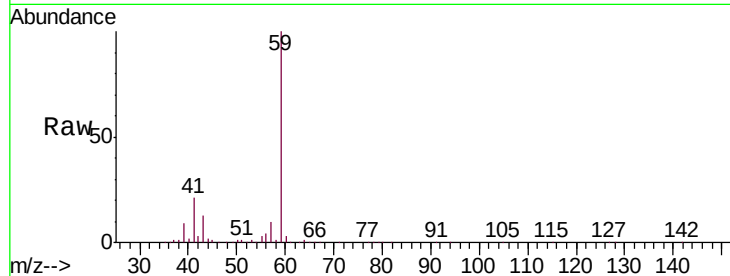




#11  
Tert butyl alcohol  
Concen: 256.176 ug/l  
RT: 3.07 min Scan# 408  
Delta R.T. -0.01 min  
Lab File: VX004212.D  
Acq: 22 Aug 2018 21:16

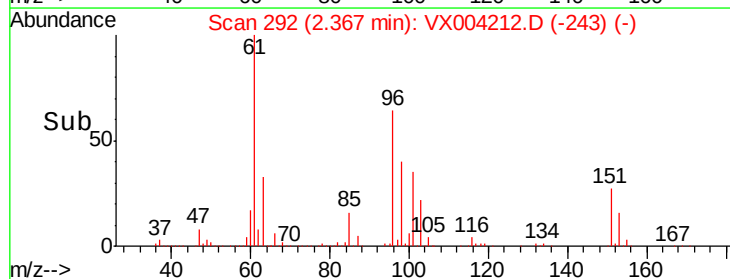
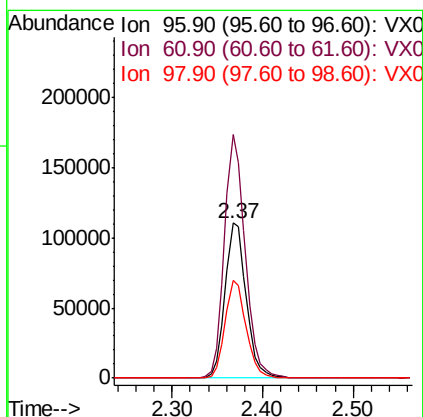
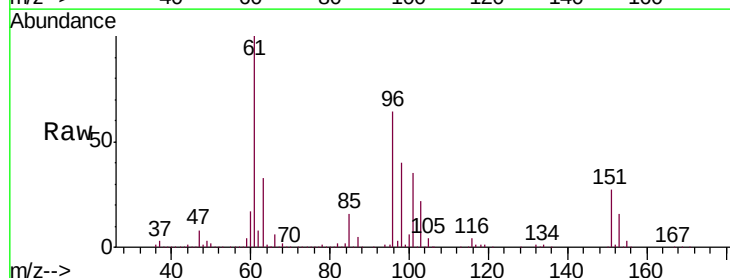
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

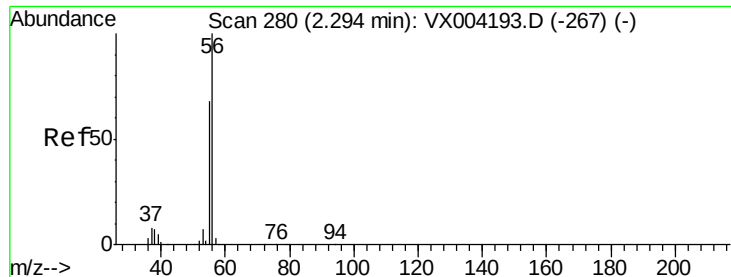
Tgt Ion: 59 Resp: 240931  
Ion Ratio Lower Upper  
59 100  
57 10.2 8.2 12.4



#12  
1,1-Dichloroethene  
Concen: 50.004 ug/l  
RT: 2.37 min Scan# 292  
Delta R.T. -0.00 min  
Lab File: VX004212.D  
Acq: 22 Aug 2018 21:16

Tgt Ion: 96 Resp: 179319  
Ion Ratio Lower Upper  
96 100  
61 157.4 128.8 193.2  
98 63.1 52.2 78.2





#13

Acrolein

Concen: 255.809 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA\_X

ClientSampleId :

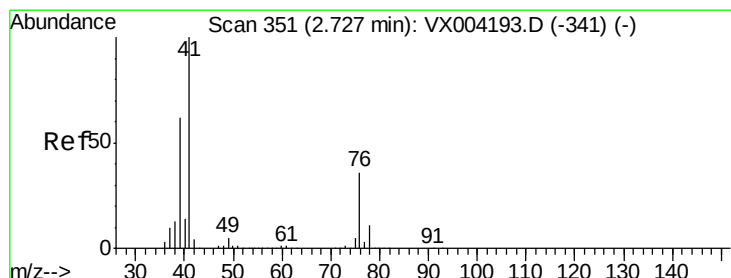
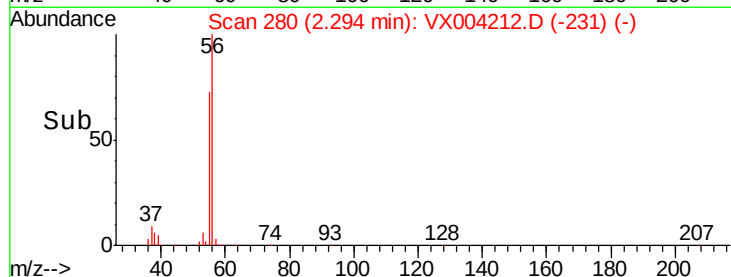
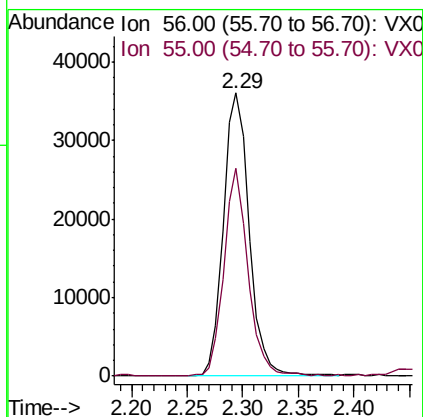
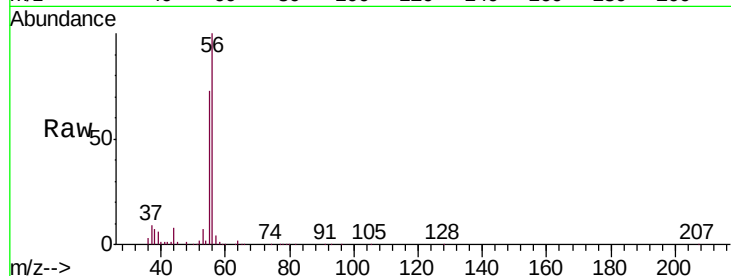
VSTDCCC050EC

Tgt Ion: 56 Resp: 58002

Ion Ratio Lower Upper

56 100

55 68.0 54.7 82.1



#14

Allyl chloride

Concen: 48.947 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

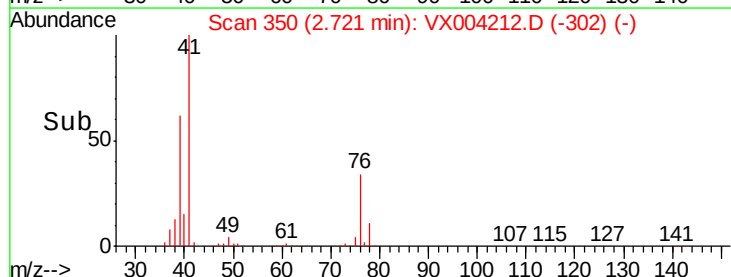
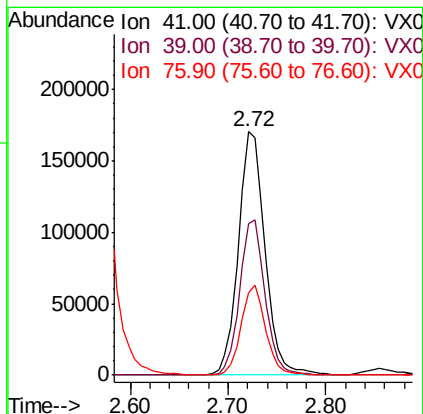
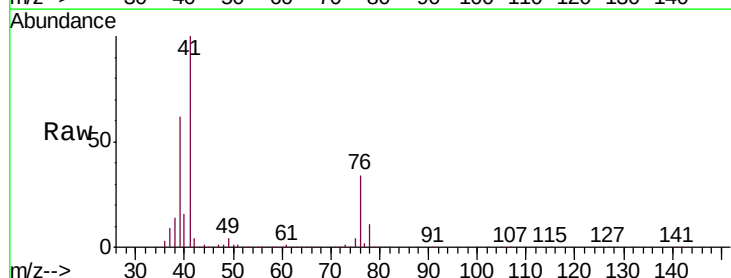
Tgt Ion: 41 Resp: 322499

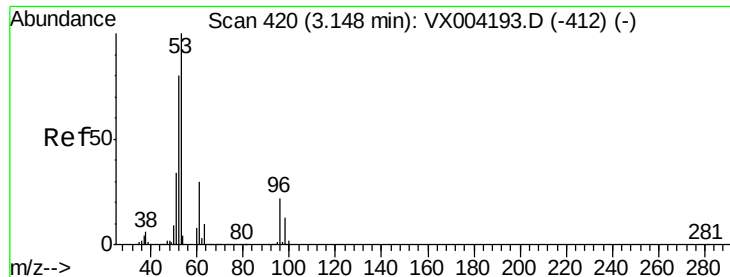
Ion Ratio Lower Upper

41 100

39 60.6 48.9 73.3

76 34.0 26.7 40.1





#15

Acrylonitrile

Concen: 240.870 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

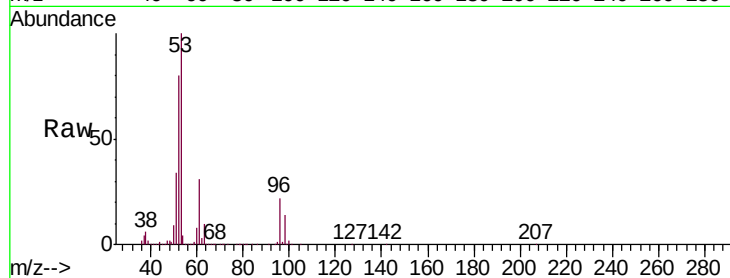
Tgt Ion: 53 Resp: 561019

Ion Ratio Lower Upper

53 100

52 82.4 65.2 97.8

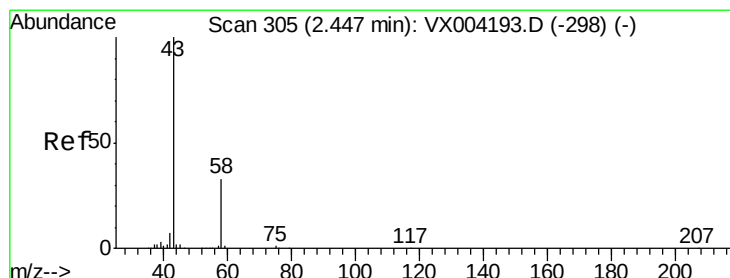
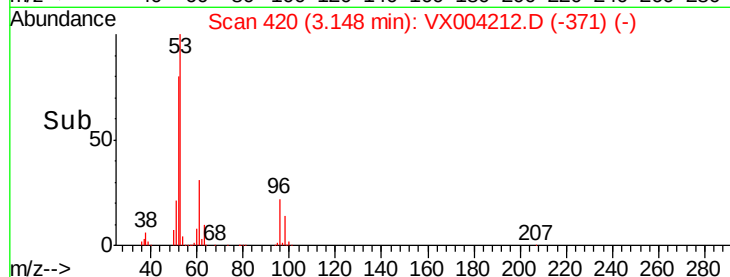
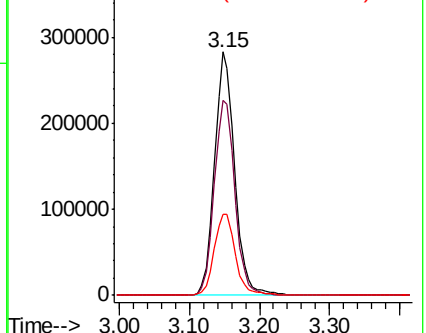
51 35.3 28.2 42.2



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: 253.484 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004212.D

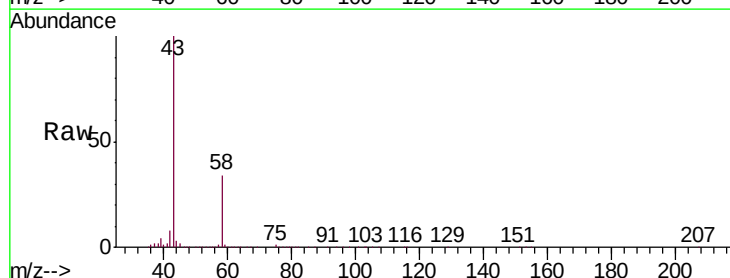
Acq: 22 Aug 2018 21:16

Tgt Ion: 43 Resp: 456341

Ion Ratio Lower Upper

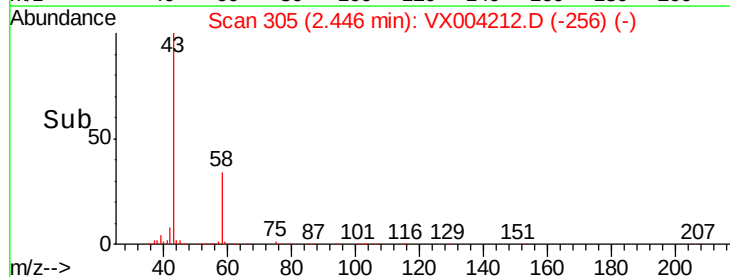
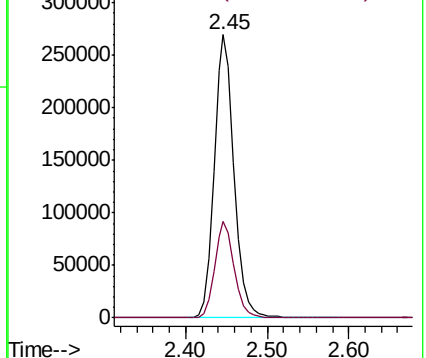
43 100

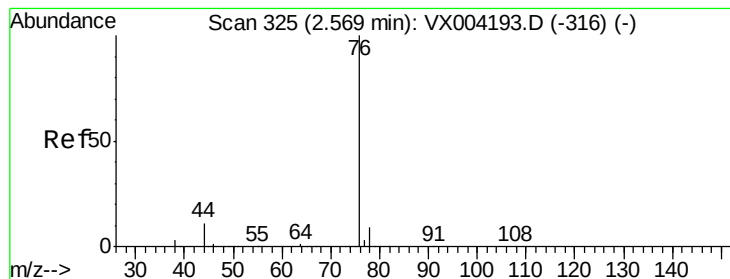
58 33.9 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 48.548 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA\_X

ClientSampleId :

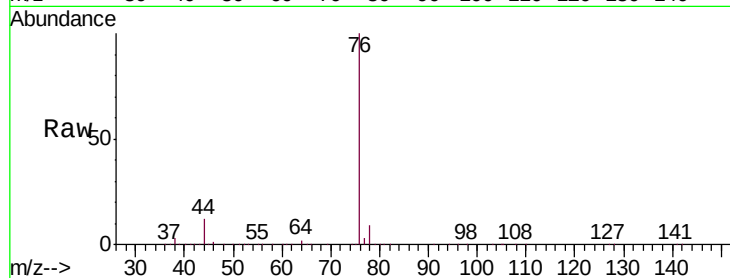
VSTDCCC050EC

Tgt Ion: 76 Resp: 483267

Ion Ratio Lower Upper

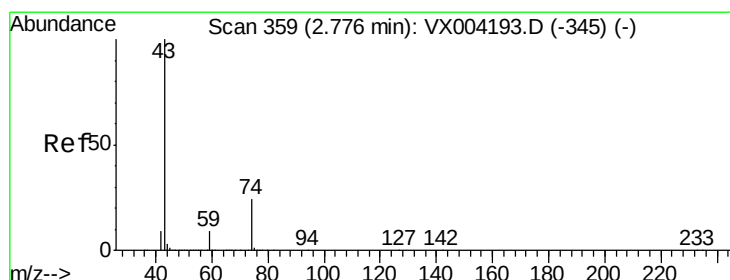
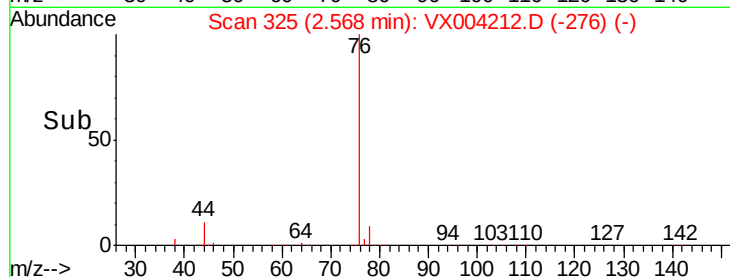
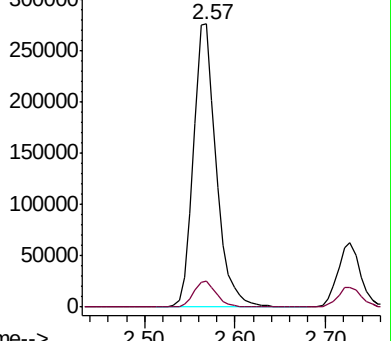
76 100

78 9.2 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: 51.423 ug/l

RT: 2.78 min Scan# 359

Delta R.T. -0.00 min

Lab File: VX004212.D

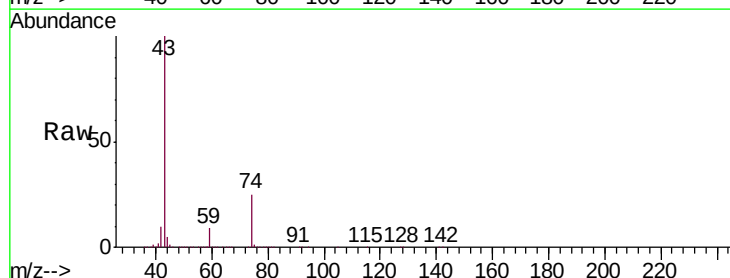
Acq: 22 Aug 2018 21:16

Tgt Ion: 43 Resp: 336684

Ion Ratio Lower Upper

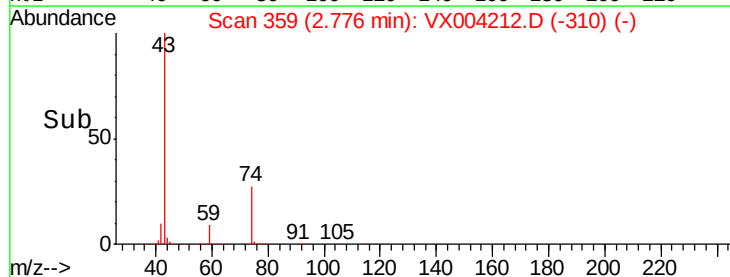
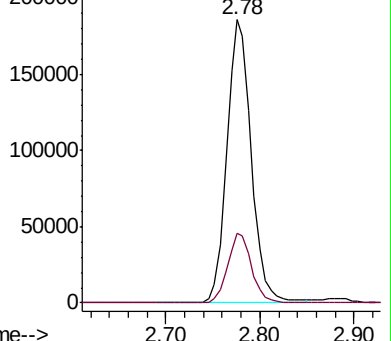
43 100

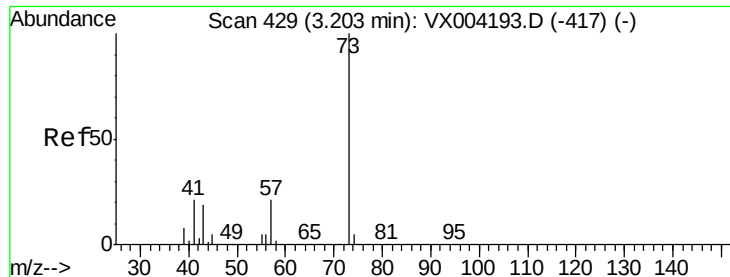
74 24.5 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

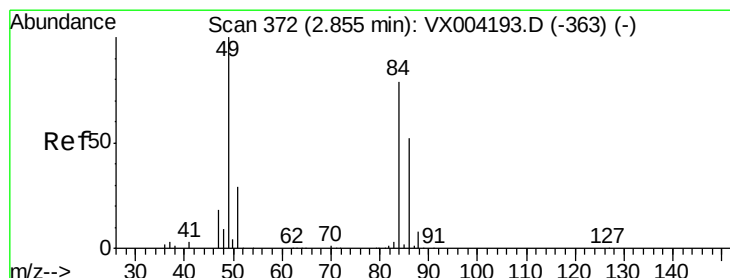
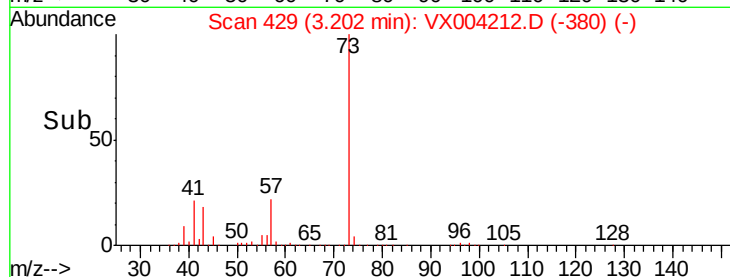
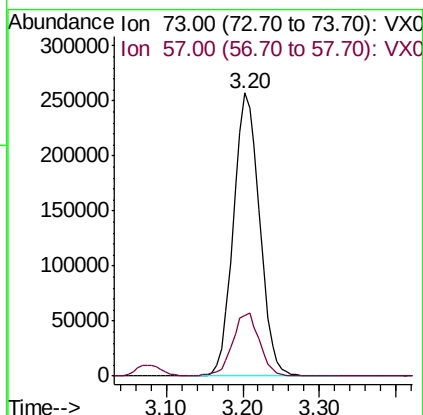
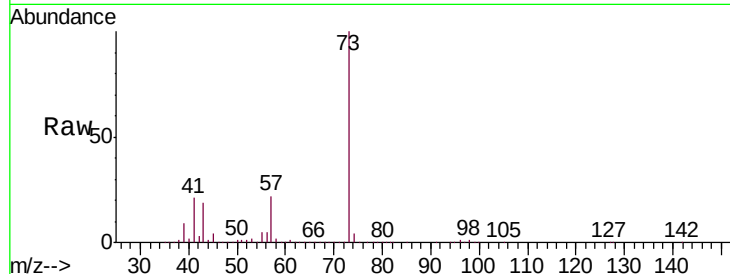




#19  
Methyl tert-butyl Ether  
Concen: 51.457 ug/l  
RT: 3.20 min Scan# 429  
Delta R.T. -0.00 min  
Lab File: VX004212.D  
Acq: 22 Aug 2018 21:16

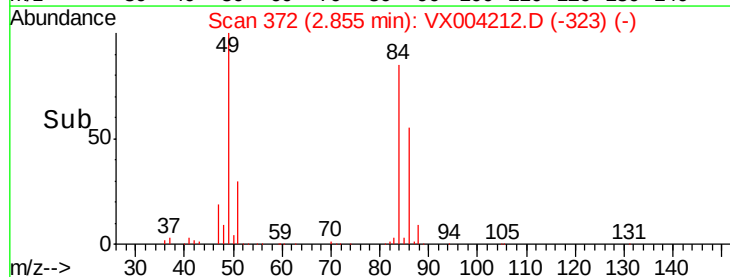
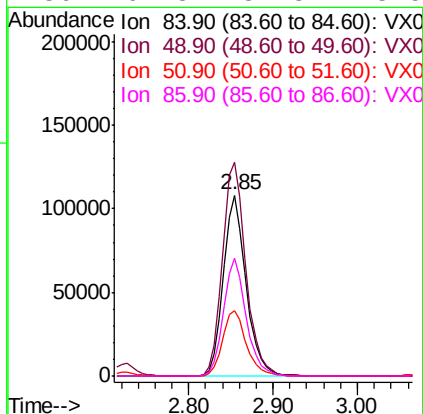
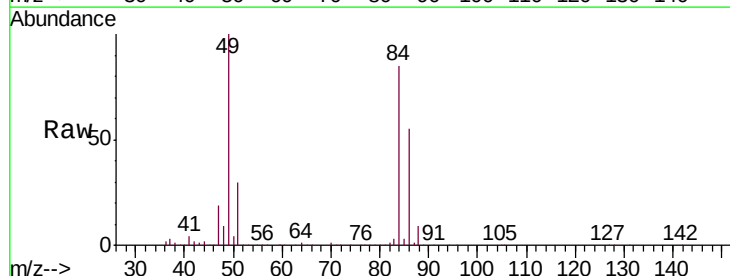
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

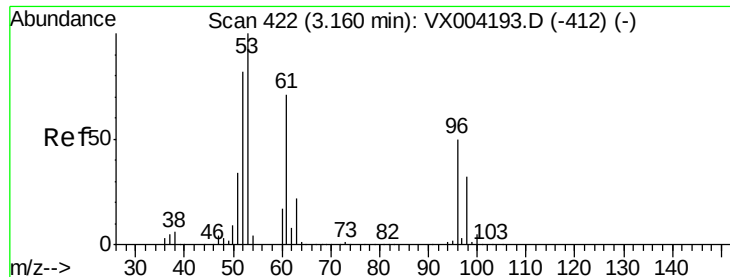
Tgt Ion: 73 Resp: 608129  
Ion Ratio Lower Upper  
73 100  
57 21.6 17.1 25.7



#20  
Methylene Chloride  
Concen: 47.251 ug/l  
RT: 2.85 min Scan# 372  
Delta R.T. -0.00 min  
Lab File: VX004212.D  
Acq: 22 Aug 2018 21:16

Tgt Ion: 84 Resp: 200683  
Ion Ratio Lower Upper  
84 100  
49 118.0 101.2 151.8  
51 35.9 29.5 44.3  
86 64.8 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 48.060 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

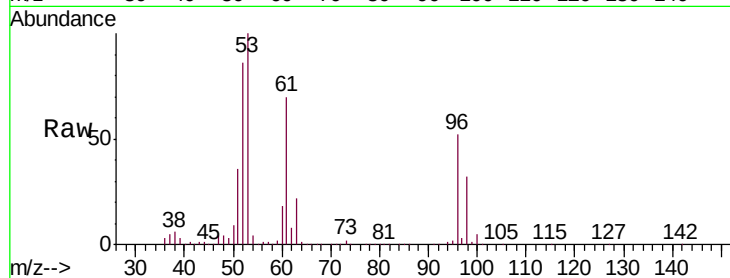
Tgt Ion: 96 Resp: 190766

Ion Ratio Lower Upper

96 100

61 135.1 113.8 170.6

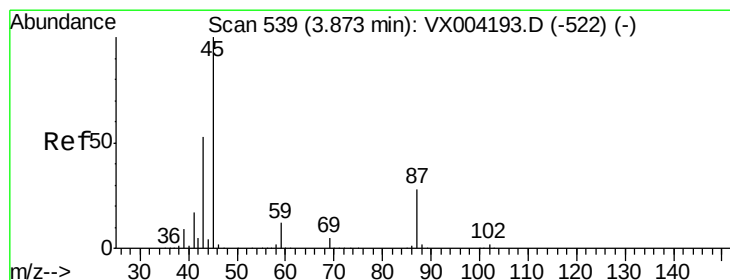
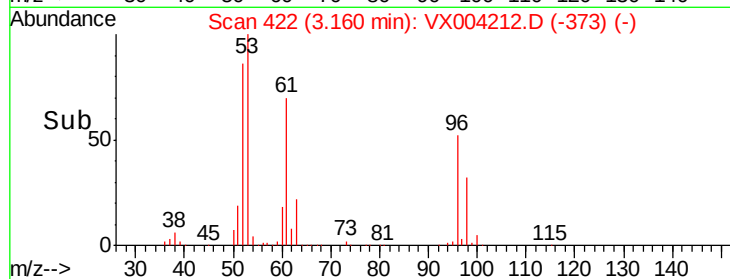
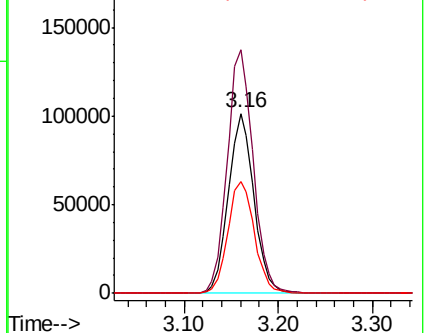
98 62.4 51.8 77.8



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: 50.141 ug/l

RT: 3.87 min Scan# 538

Delta R.T. -0.01 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Tgt Ion: 45 Resp: 616830

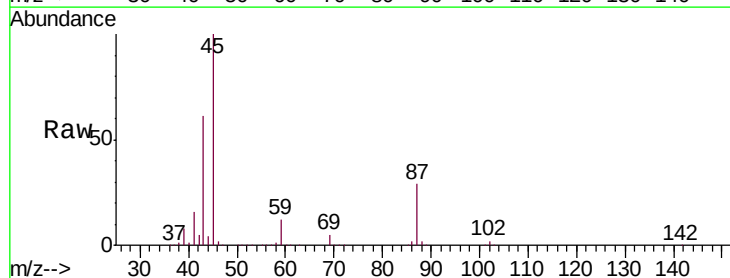
Ion Ratio Lower Upper

45 100

43 61.0 42.8 64.2

87 29.0 22.6 34.0

59 12.1 9.6 14.4

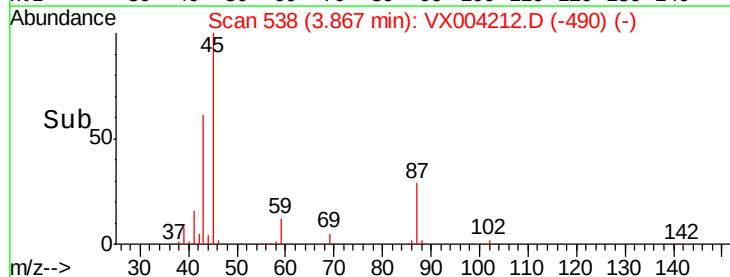
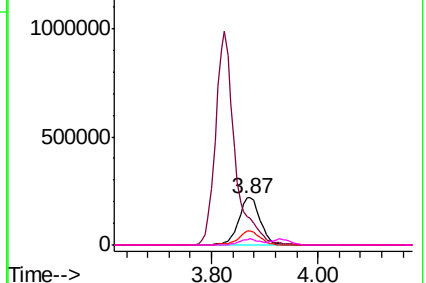


Abundance Ion 45.00 (44.70 to 45.70): VX0

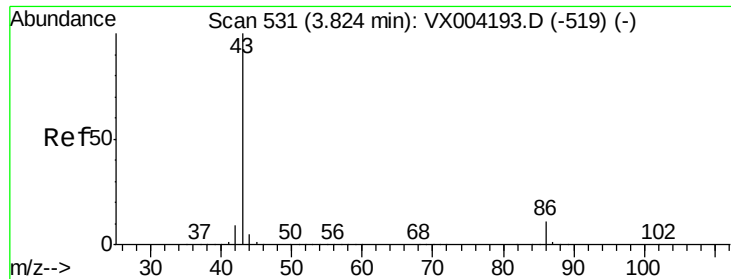
Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



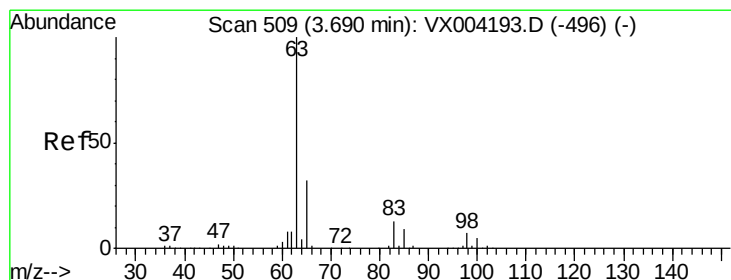
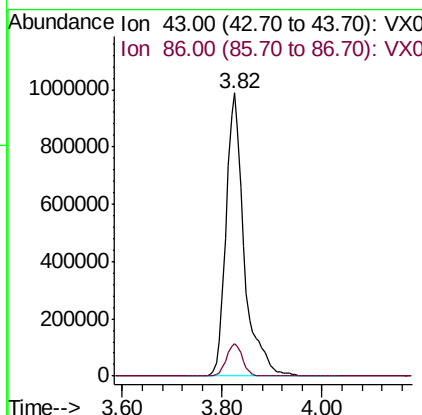
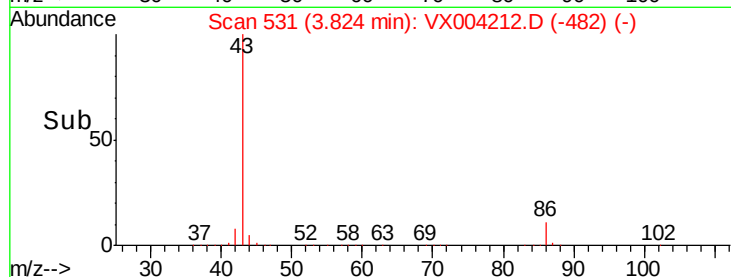
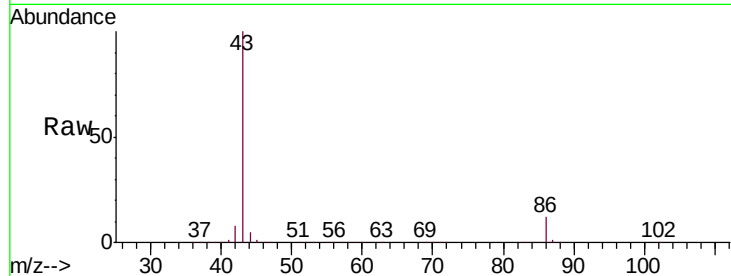




#23  
 Vinyl Acetate  
 Concen: 251.009 ug/l  
 RT: 3.82 min Scan# 531  
 Delta R.T. -0.00 min  
 Lab File: VX004212.D  
 Acq: 22 Aug 2018 21:16

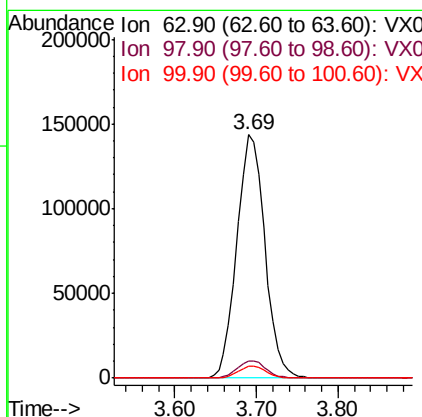
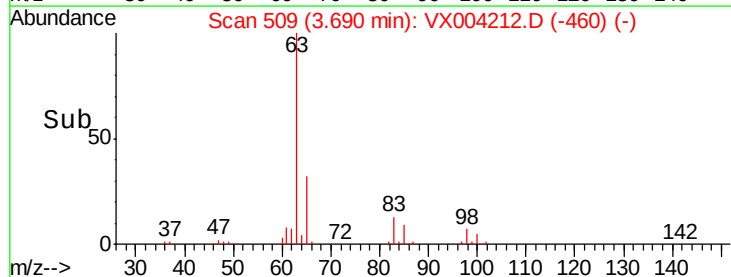
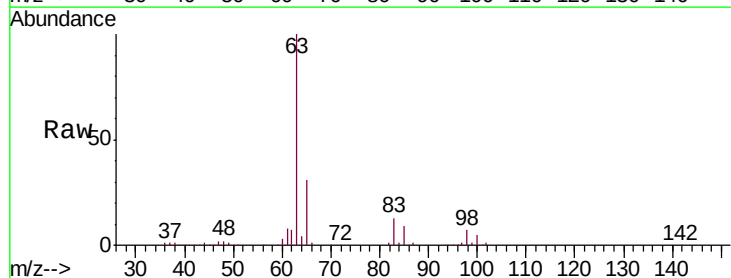
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

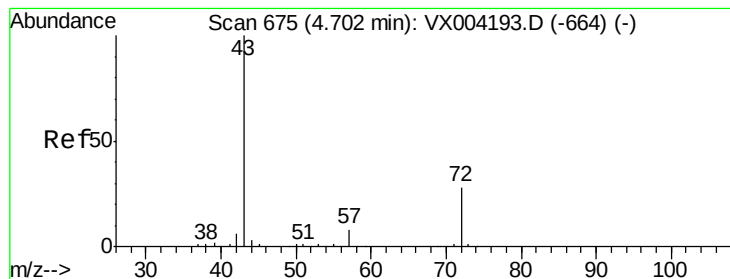
Tgt Ion: 43 Resp: 2502715  
 Ion Ratio Lower Upper  
 43 100  
 86 11.5 8.9 13.3



#24  
 1,1-Dichloroethane  
 Concen: 47.817 ug/l  
 RT: 3.69 min Scan# 509  
 Delta R.T. -0.00 min  
 Lab File: VX004212.D  
 Acq: 22 Aug 2018 21:16

Tgt Ion: 63 Resp: 342817  
 Ion Ratio Lower Upper  
 63 100  
 98 7.3 3.5 10.4  
 100 4.7 2.4 7.1





#25

2-Butanone

Concen: 253.518 ug/l

RT: 4.70 min Scan# 675

Delta R.T. 0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA\_X

ClientSampleId :

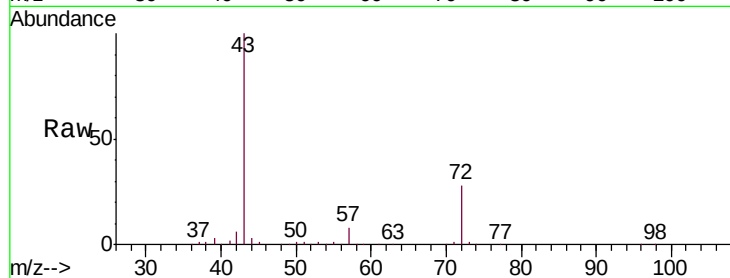
VSTDCCC050EC

Tgt Ion: 43 Resp: 749370

Ion Ratio Lower Upper

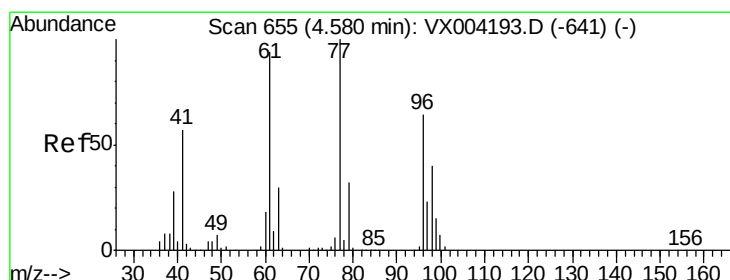
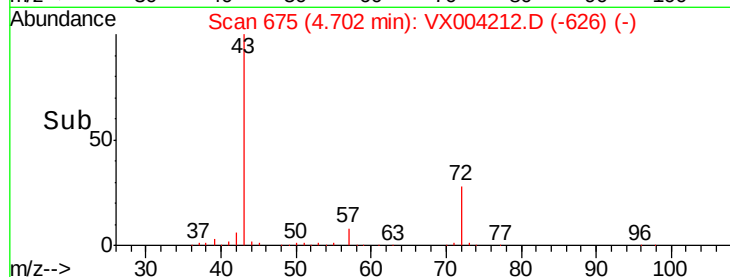
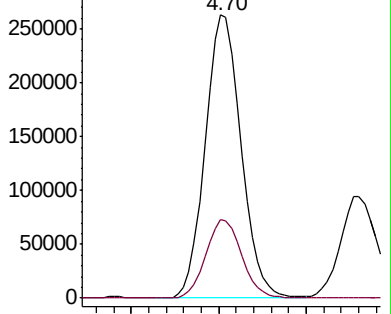
43 100

72 27.8 22.0 33.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 41.415 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.00 min

Lab File: VX004212.D

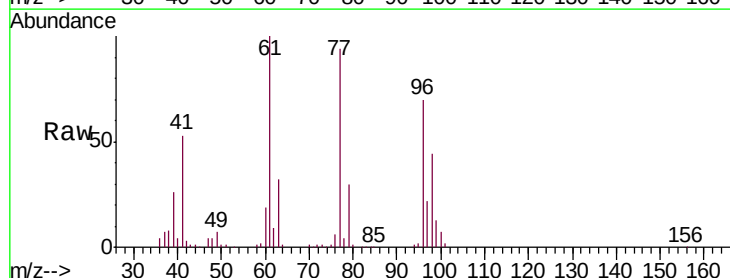
Acq: 22 Aug 2018 21:16

Tgt Ion: 77 Resp: 232879

Ion Ratio Lower Upper

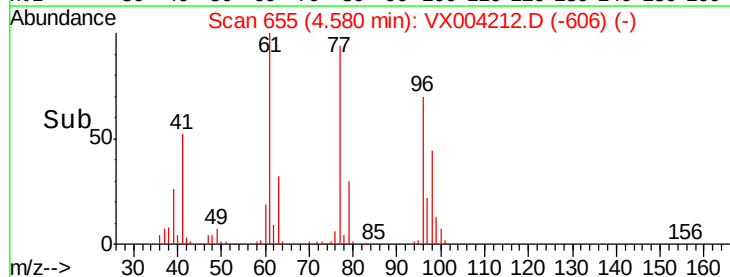
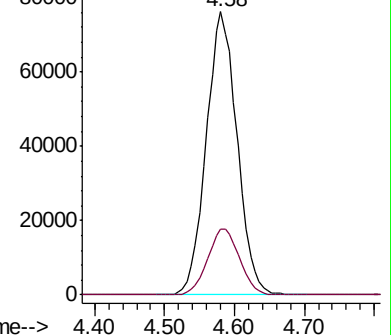
77 100

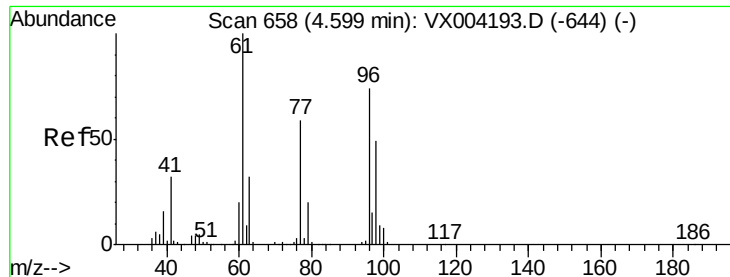
97 24.1 11.7 35.0



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



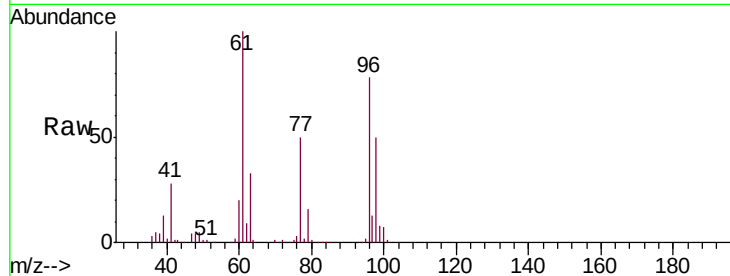


#27

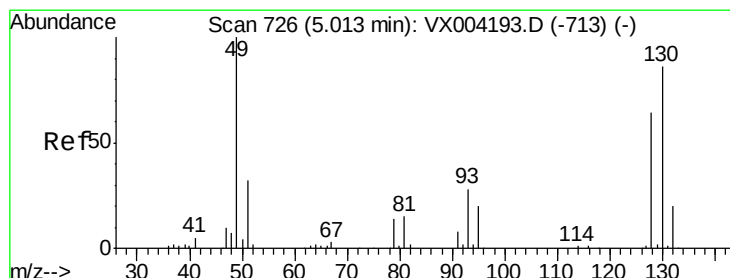
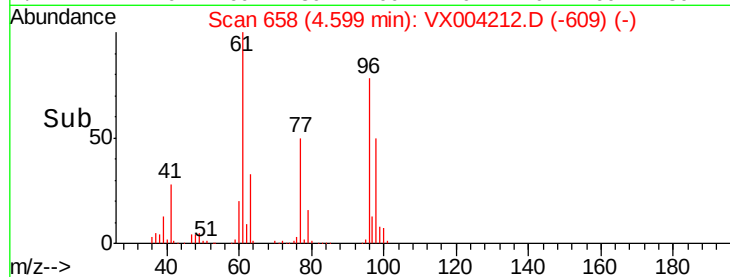
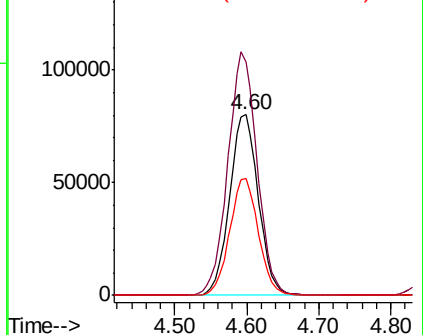
cis-1,2-Dichloroethene  
Concen: 49.423 ug/l  
RT: 4.60 min Scan# 658  
Delta R.T. -0.00 min  
Lab File: VX004212.D  
Acq: 22 Aug 2018 21:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 137.2 | 0.0   | 282.6 |
| 98      | 64.8  | 0.0   | 130.2 |



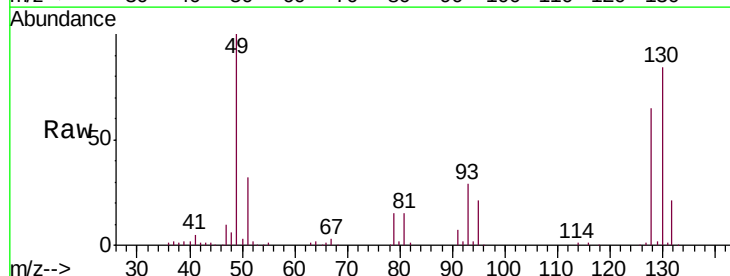
Abundance Ion 95.90 (95.60 to 96.60): VX0  
Ion 60.90 (60.60 to 61.60): VX0  
Ion 97.90 (97.60 to 98.60): VX0



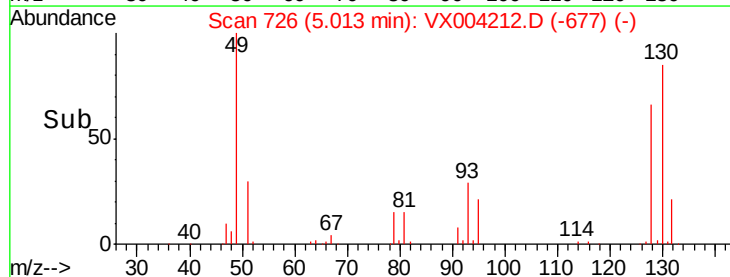
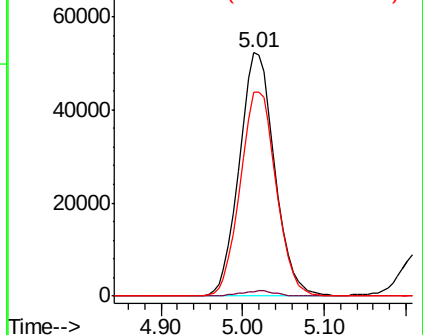
#28

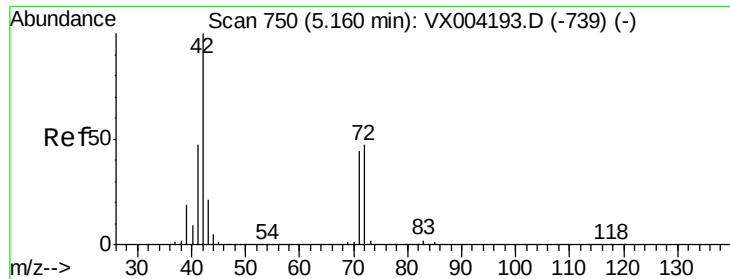
Bromochloromethane  
Concen: 49.717 ug/l  
RT: 5.01 min Scan# 726  
Delta R.T. -0.00 min  
Lab File: VX004212.D  
Acq: 22 Aug 2018 21:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.2   | 0.0   | 4.2   |
| 130     | 85.3  | 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: 251.801 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

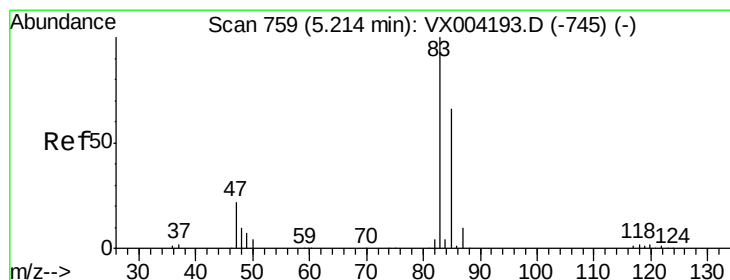
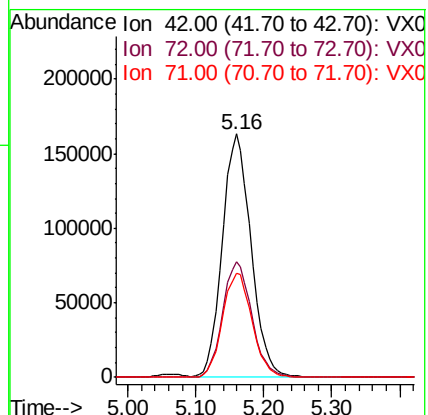
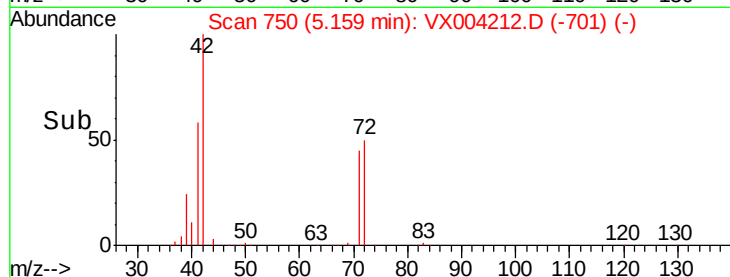
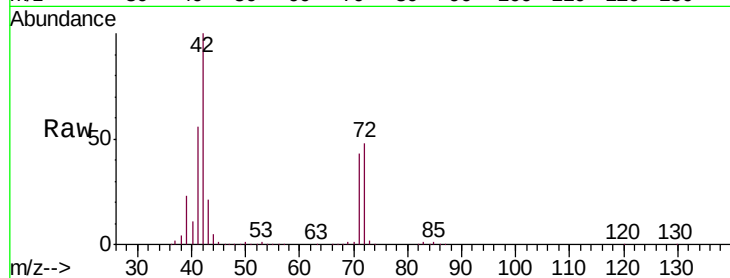
Tgt Ion: 42 Resp: 477321

Ion Ratio Lower Upper

42 100

72 48.3 37.4 56.0

71 44.1 34.5 51.7



#30

Chloroform

Concen: 49.344 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004212.D

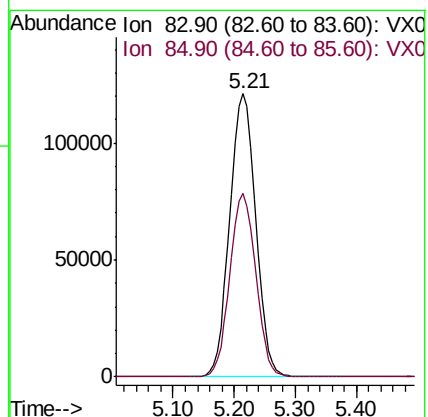
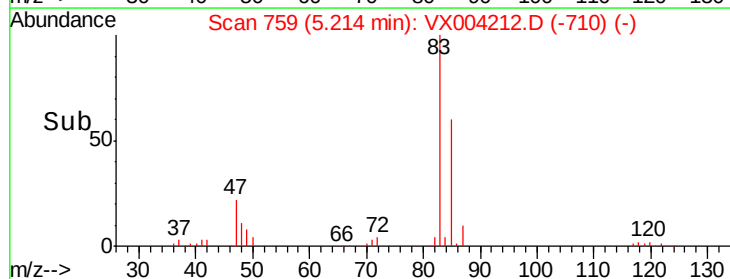
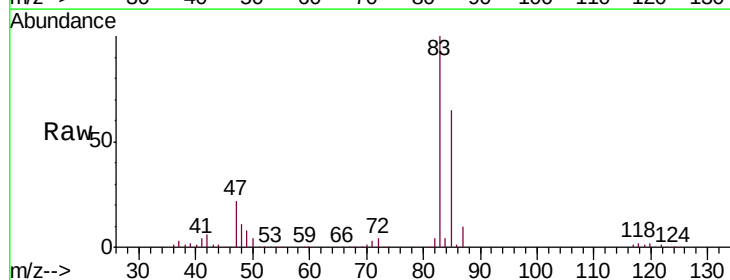
Acq: 22 Aug 2018 21:16

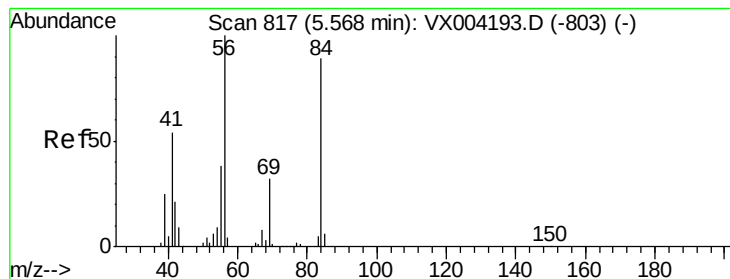
Tgt Ion: 83 Resp: 354689

Ion Ratio Lower Upper

83 100

85 64.9 52.6 79.0





#31

Cyclohexane

Concen: 51.051 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.01 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

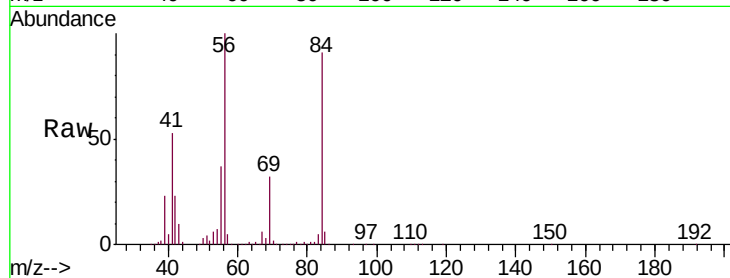
Tgt Ion: 56 Resp: 315789

Ion Ratio Lower Upper

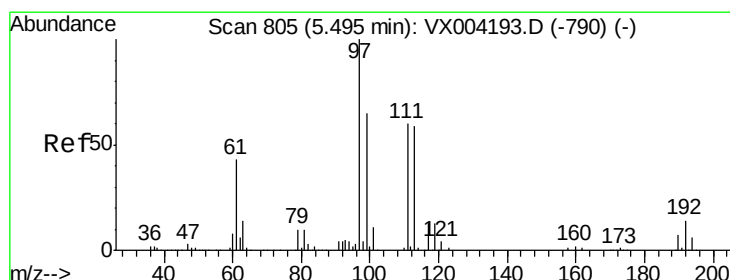
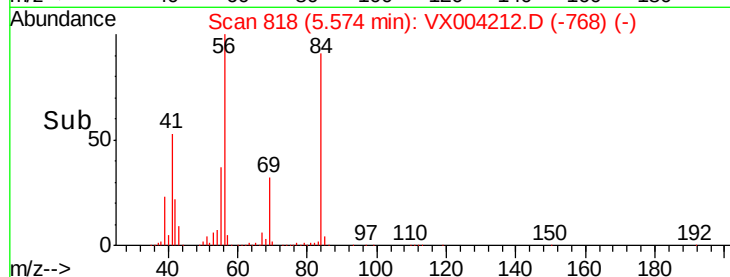
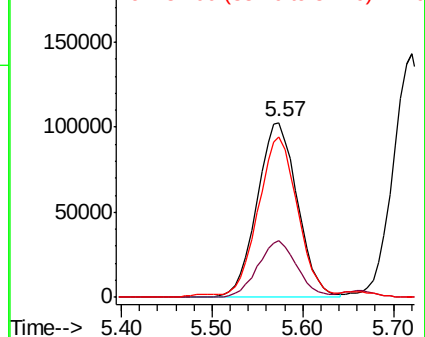
56 100

69 32.3 25.4 38.2

84 90.4 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: 50.129 ug/l

RT: 5.49 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

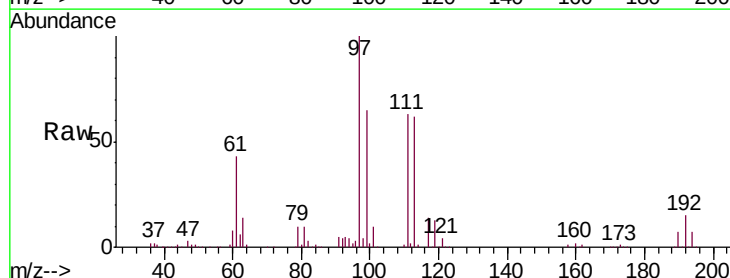
Tgt Ion: 97 Resp: 300464

Ion Ratio Lower Upper

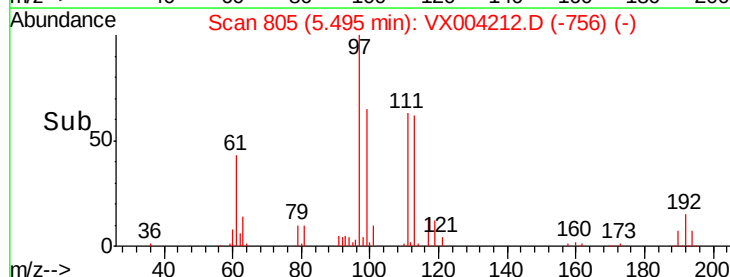
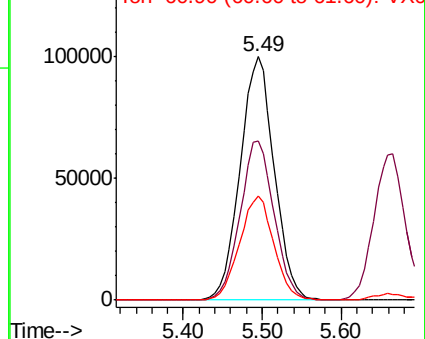
97 100

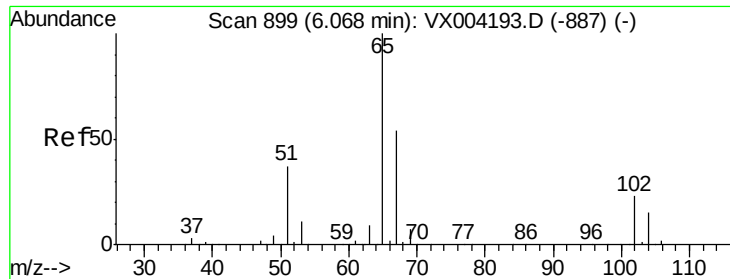
99 65.2 52.0 78.0

61 43.2 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

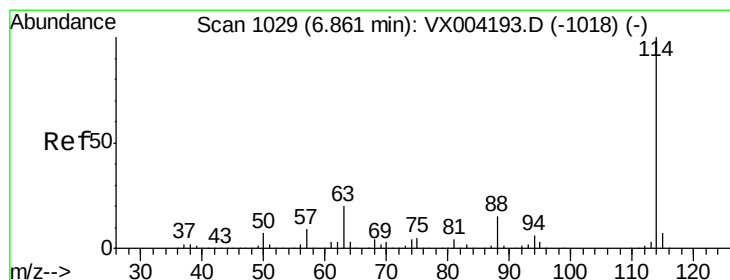
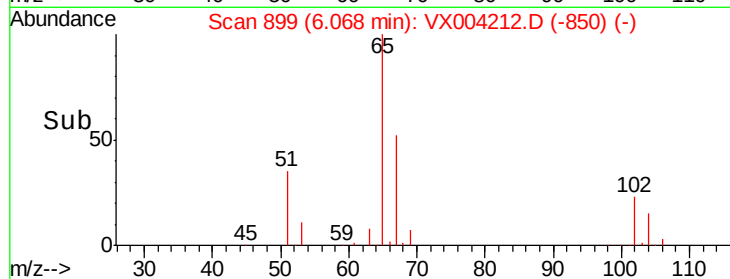
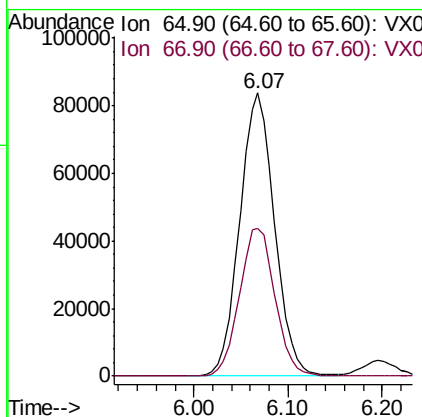
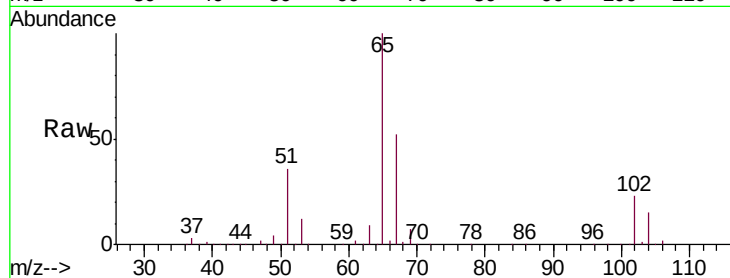




#33  
 1,2-Dichloroethane-d4  
 Concen: 49.058 ug/l  
 RT: 6.07 min Scan# 899  
 Delta R.T. -0.00 min  
 Lab File: VX004212.D  
 Acq: 22 Aug 2018 21:16

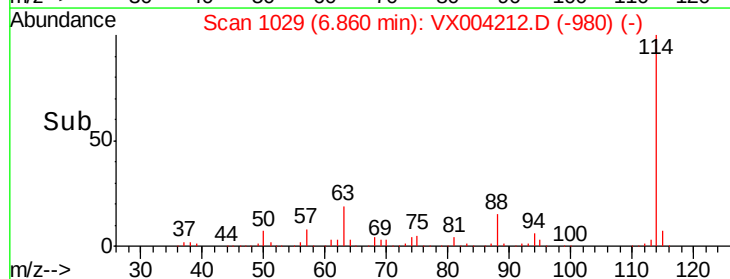
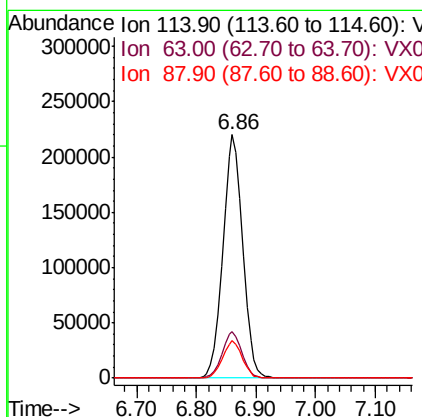
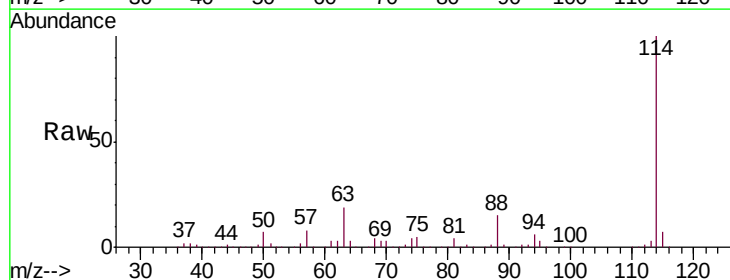
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

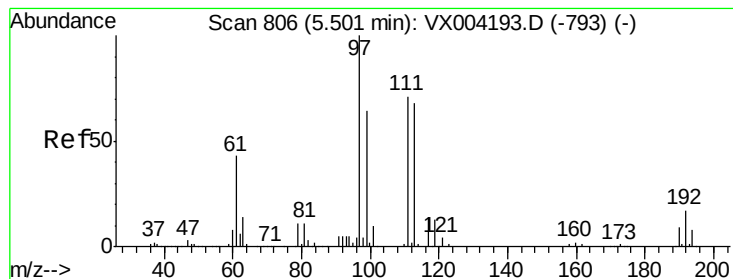
Tgt Ion: 65 Resp: 216449  
 Ion Ratio Lower Upper  
 65 100  
 67 53.4 0.0 106.8



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 1029  
 Delta R.T. -0.00 min  
 Lab File: VX004212.D  
 Acq: 22 Aug 2018 21:16

Tgt Ion: 114 Resp: 508220  
 Ion Ratio Lower Upper  
 114 100  
 63 19.1 0.0 39.0  
 88 15.2 0.0 30.4





#35

Dibromofluoromethane

Concen: 48.434 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

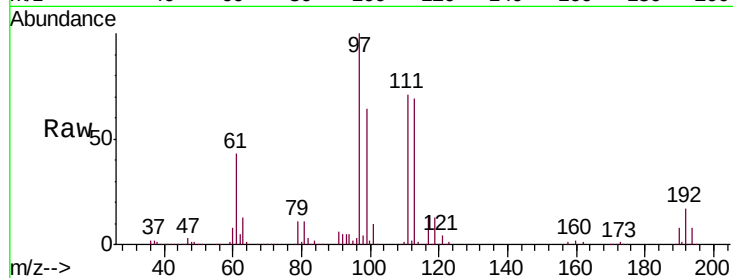
Tgt Ion:113 Resp: 183121

Ion Ratio Lower Upper

113 100

111 102.3 82.4 123.6

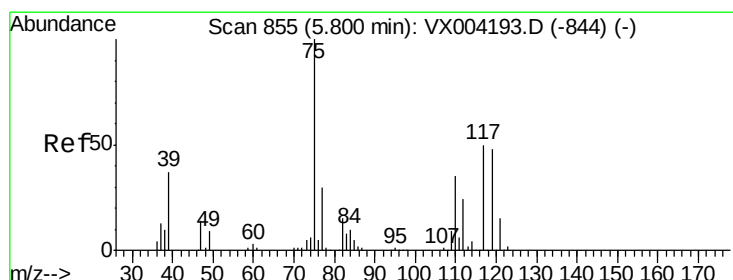
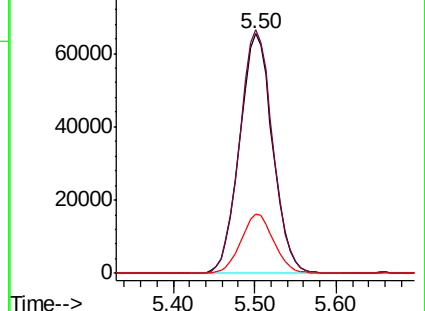
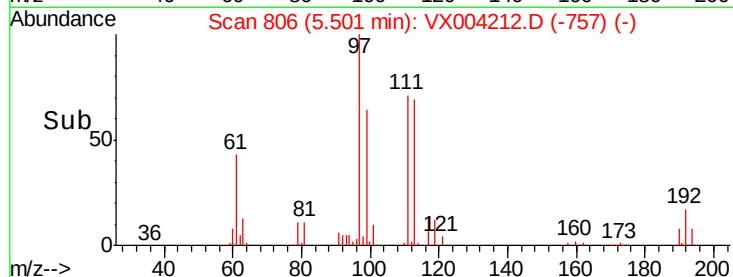
192 24.7 19.4 29.2



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: 47.714 ug/l

RT: 5.79 min Scan# 854

Delta R.T. -0.01 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

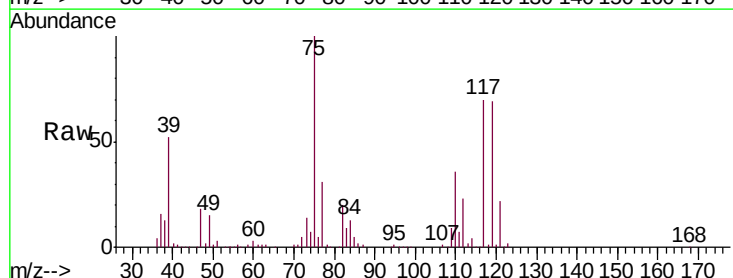
Tgt Ion: 75 Resp: 272618

Ion Ratio Lower Upper

75 100

110 37.1 18.0 54.0

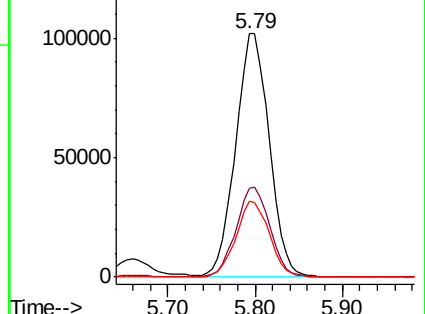
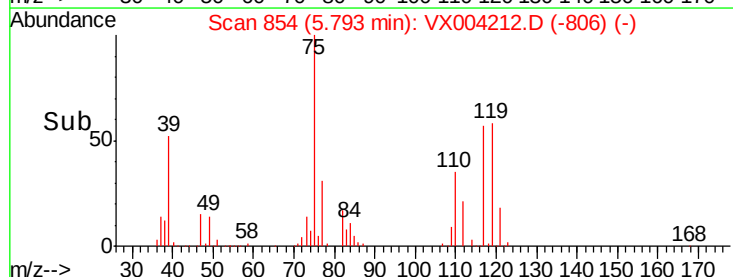
77 31.2 24.6 36.8

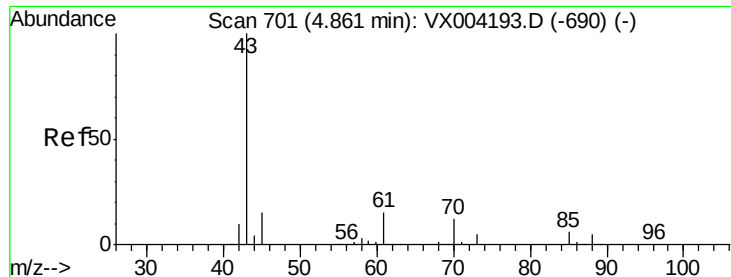


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 49.294 ug/l

RT: 4.85 min Scan# 700

Delta R.T. -0.01 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

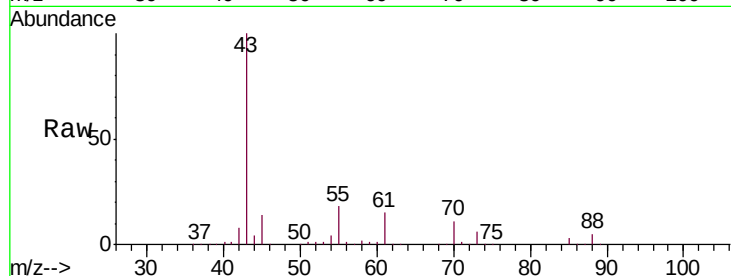
Tgt Ion: 43 Resp: 276991

Ion Ratio Lower Upper

43 100

61 14.9 11.5 17.3

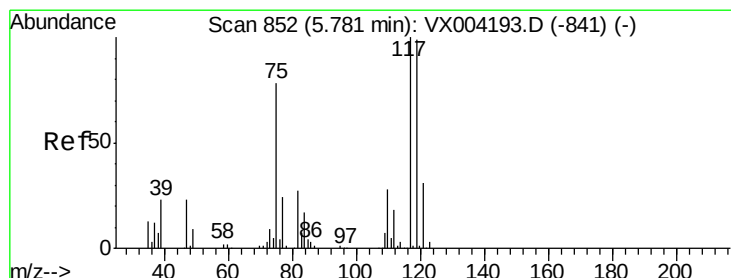
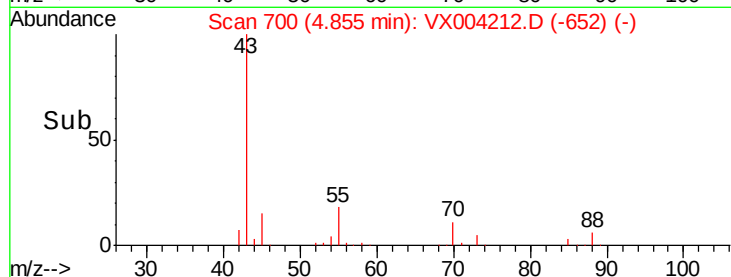
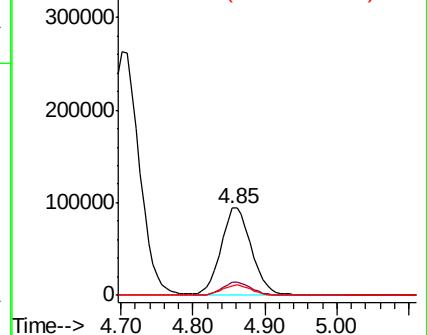
70 11.5 9.0 13.6



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: 49.028 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

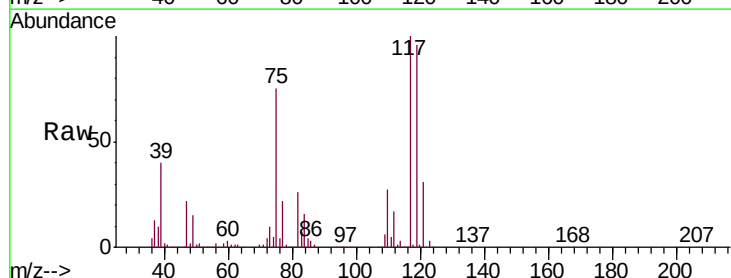
Tgt Ion: 117 Resp: 263513

Ion Ratio Lower Upper

117 100

119 95.7 78.8 118.2

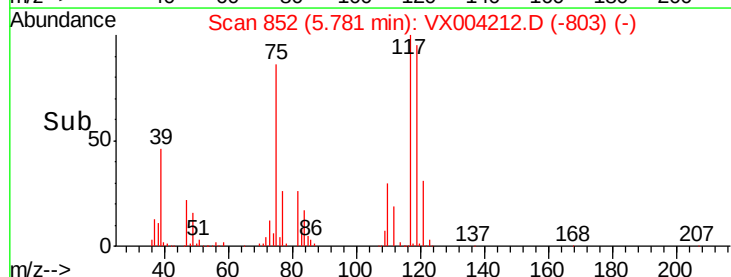
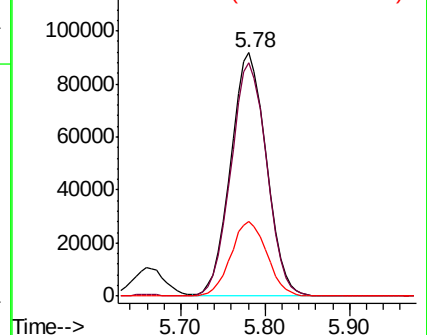
121 30.8 24.9 37.3



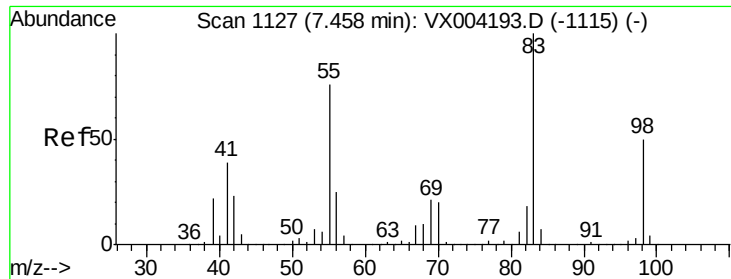
Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



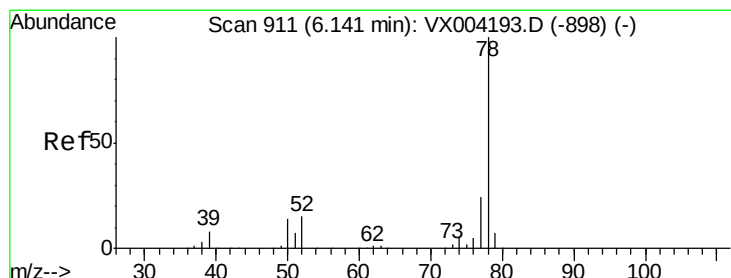
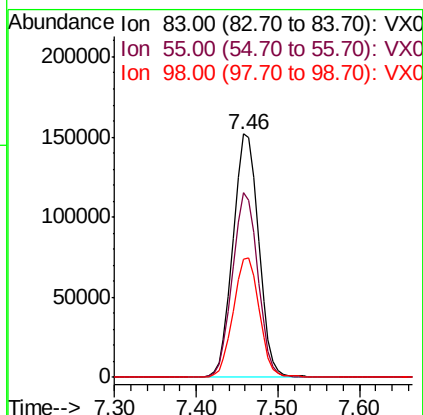
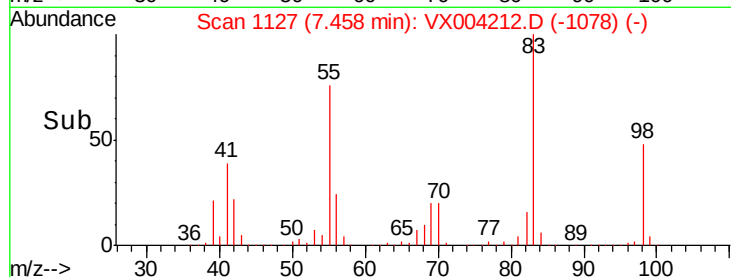
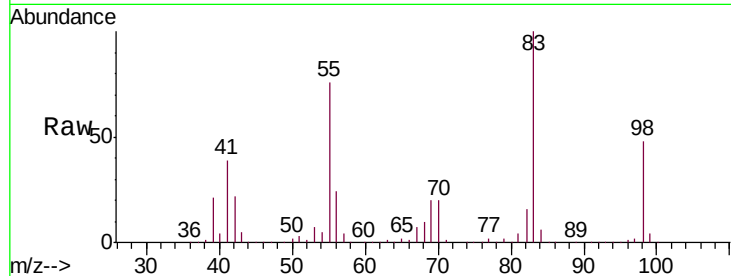




#39  
Methylcyclohexane  
Concen: 50.739 ug/l  
RT: 7.46 min Scan# 1127  
Delta R.T. -0.00 min  
Lab File: VX004212.D  
Acq: 22 Aug 2018 21:16

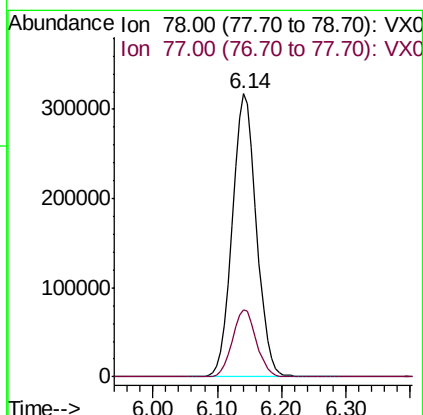
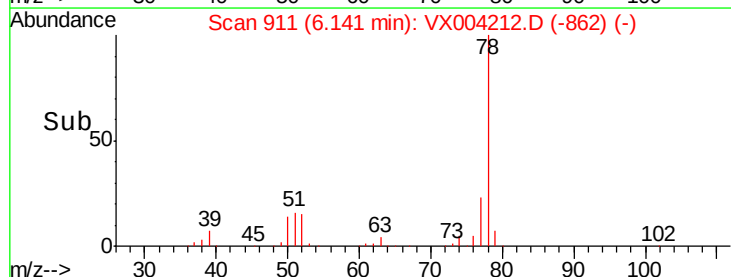
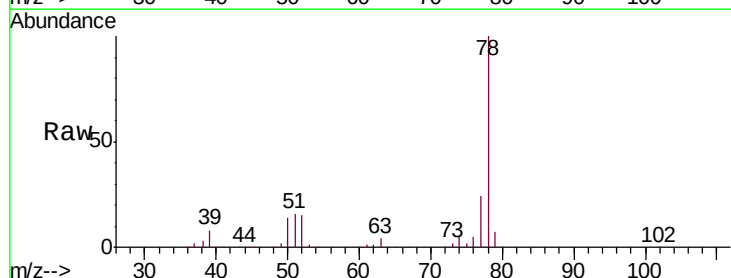
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

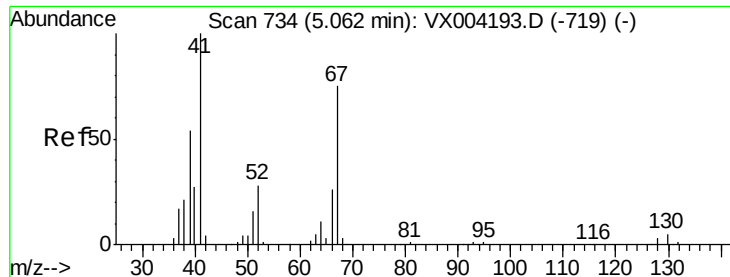
| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 83      | 100   |       |       |
| 55      | 75.8  | 61.0  | 91.4  |
| 98      | 48.5  | 39.6  | 59.4  |



#40  
Benzene  
Concen: 48.566 ug/l  
RT: 6.14 min Scan# 911  
Delta R.T. -0.00 min  
Lab File: VX004212.D  
Acq: 22 Aug 2018 21:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 78      | 100   |       |       |
| 77      | 23.9  | 19.0  | 28.4  |

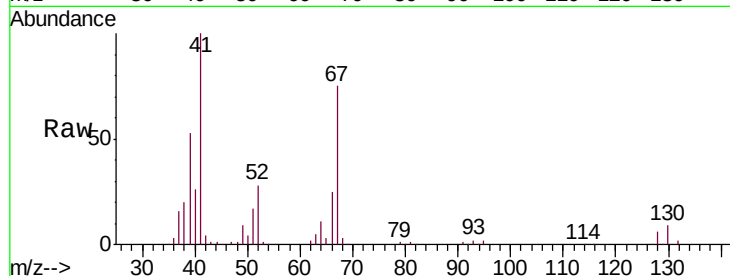




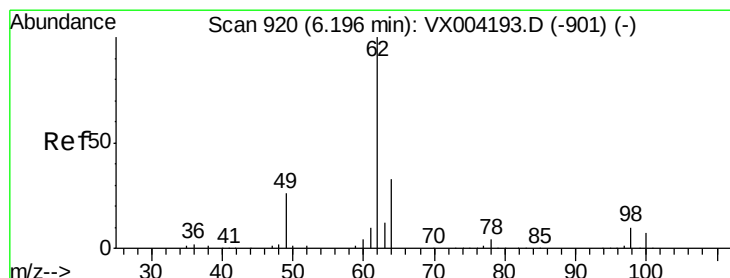
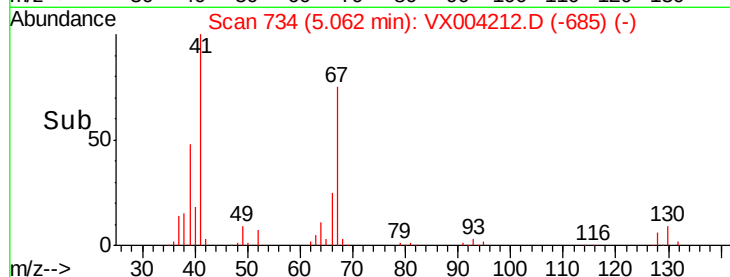
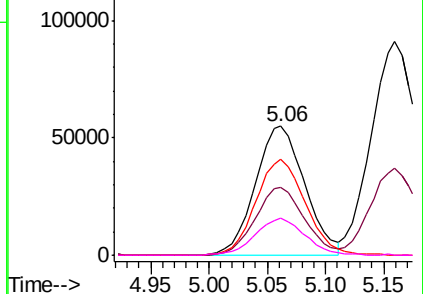
#41  
Methacrylonitrile  
Concen: 49.643 ug/l  
RT: 5.06 min Scan# 734  
Delta R.T. -0.00 min  
Lab File: VX004212.D  
Acq: 22 Aug 2018 21:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 41    | Resp: | 161693 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 52.7  | 42.4  | 63.6   |
| 67       | 75.4  | 59.2  | 88.8   |
| 52       | 28.8  | 23.0  | 34.4   |

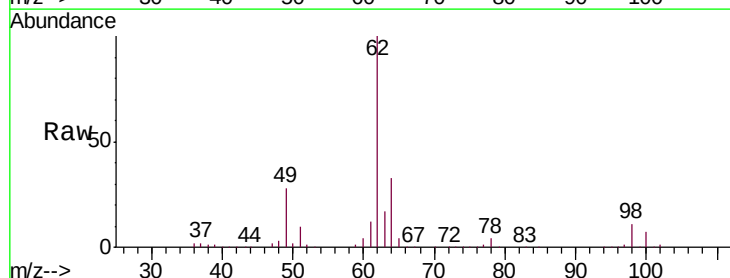


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

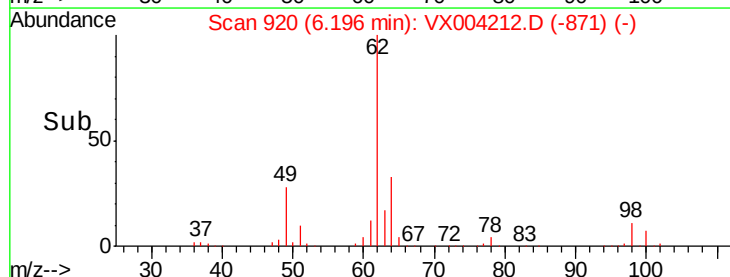
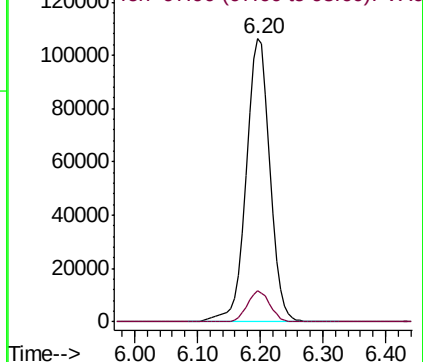


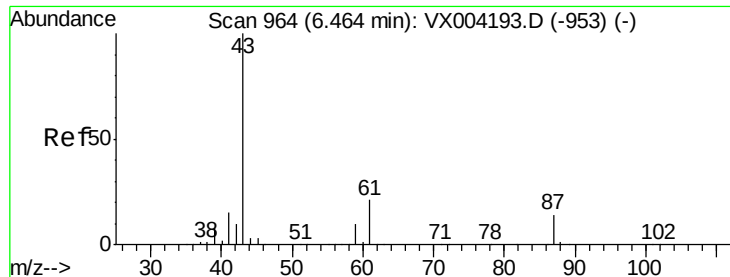
#42  
1,2-Dichloroethane  
Concen: 47.738 ug/l  
RT: 6.20 min Scan# 920  
Delta R.T. -0.00 min  
Lab File: VX004212.D  
Acq: 22 Aug 2018 21:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 278004 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 10.4  | 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: 51.764 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

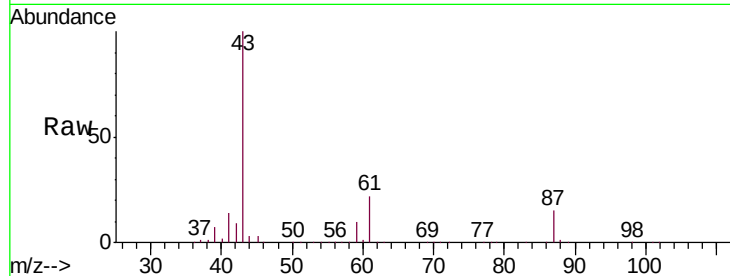
Tgt Ion: 43 Resp: 446950

Ion Ratio Lower Upper

43 100

61 21.8 17.0 25.4

87 14.5 11.4 17.2



Abundance Ion 43.00 (42.70 to 43.70): VX004193.D (-953) (-)

Ion 61.00 (60.70 to 61.70): VX004193.D (-953) (-)

Ion 87.00 (86.70 to 87.70): VX004193.D (-953) (-)

6.46

250000

200000

150000

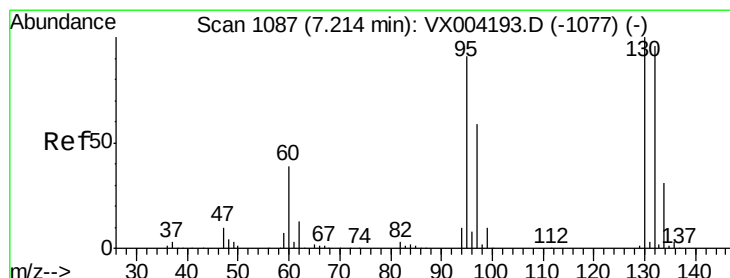
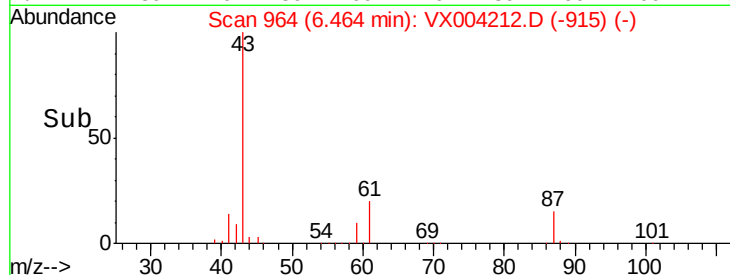
100000

50000

0

6.30 6.40 6.50 6.60

Time-->



#44

Trichloroethene

Concen: 47.521 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004212.D

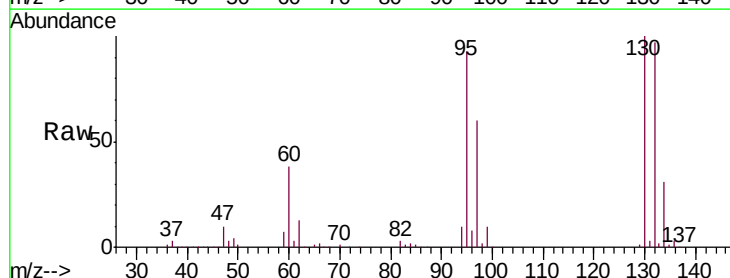
Acq: 22 Aug 2018 21:16

Tgt Ion: 130 Resp: 224572

Ion Ratio Lower Upper

130 100

95 93.1 0.0 181.6



Abundance Ion 129.80 (129.50 to 130.50): VX004193.D (-1077) (-)

Ion 94.90 (94.60 to 95.60): VX004193.D (-1077) (-)

7.21

120000

100000

80000

60000

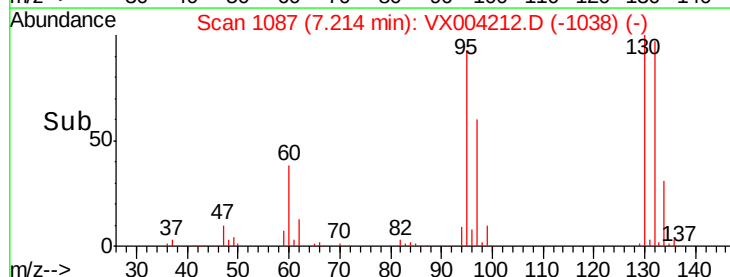
40000

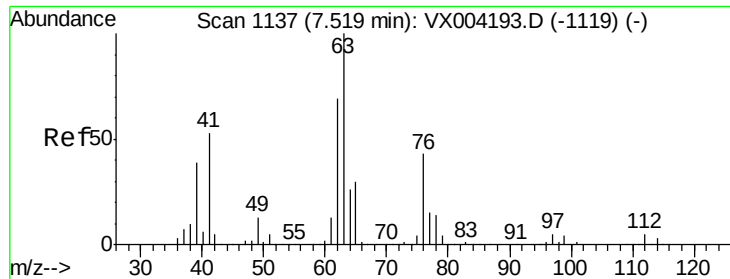
20000

0

7.10 7.20 7.30

Time-->

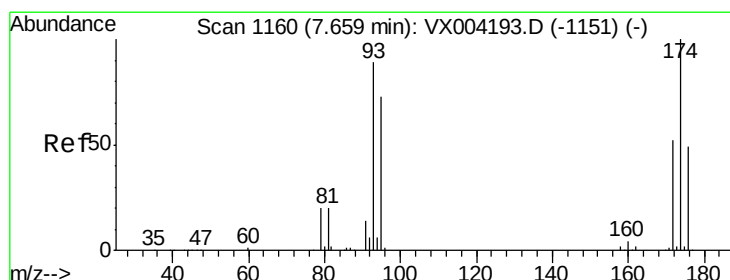
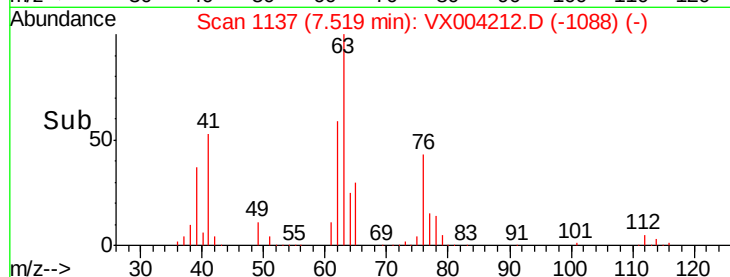
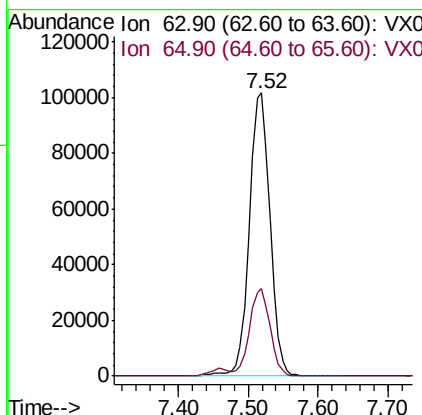
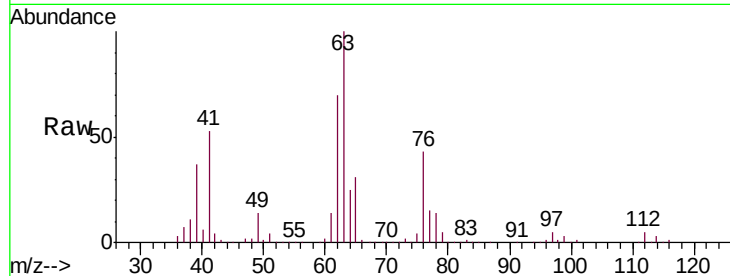




#45  
 1,2-Dichloropropane  
 Concen: 48.910 ug/l  
 RT: 7.52 min Scan# 1137  
 Delta R.T. -0.00 min  
 Lab File: VX004212.D  
 Acq: 22 Aug 2018 21:16

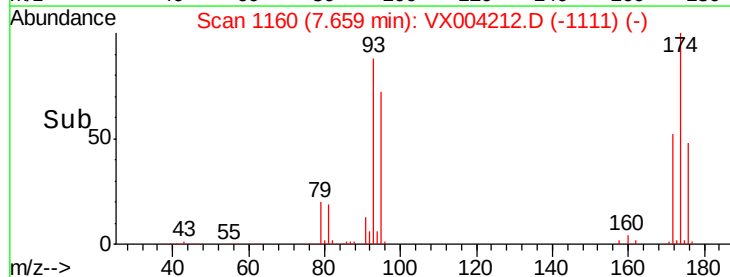
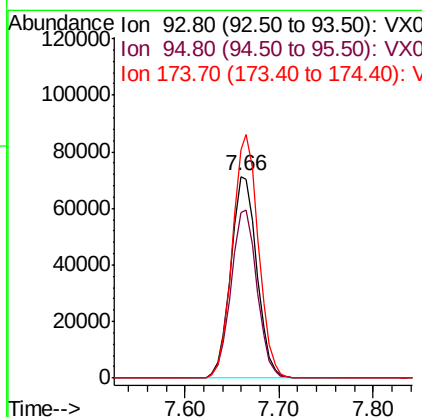
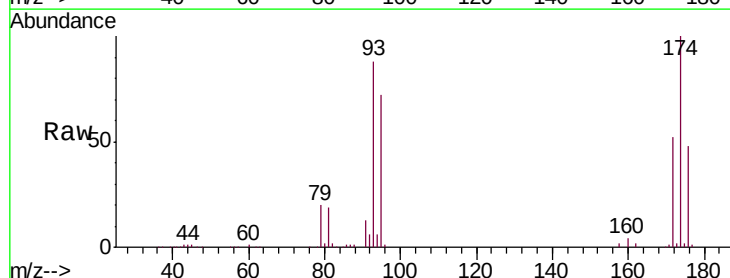
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

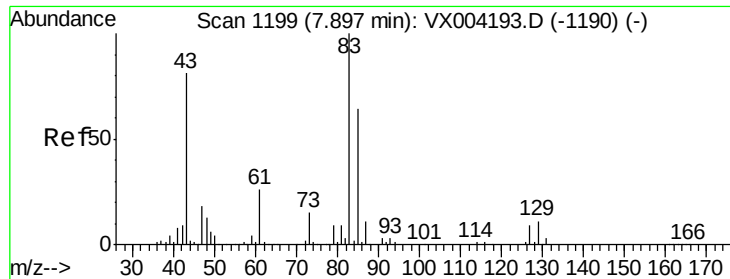
Tgt Ion: 63 Resp: 208989  
 Ion Ratio Lower Upper  
 63 100  
 65 31.1 24.3 36.5



#46  
 Dibromomethane  
 Concen: 48.130 ug/l  
 RT: 7.66 min Scan# 1160  
 Delta R.T. -0.00 min  
 Lab File: VX004212.D  
 Acq: 22 Aug 2018 21:16

Tgt Ion: 93 Resp: 136932  
 Ion Ratio Lower Upper  
 93 100  
 95 83.2 65.5 98.3  
 174 120.0 94.2 141.4





#47

Bromodichloromethane

Concen: 49.261 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.01 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

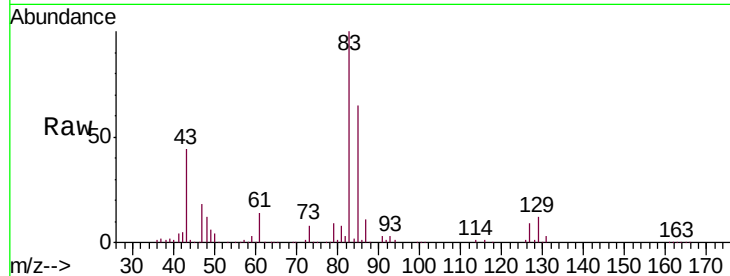
Tgt Ion: 83 Resp: 260784

Ion Ratio Lower Upper

83 100

85 64.6 50.9 76.3

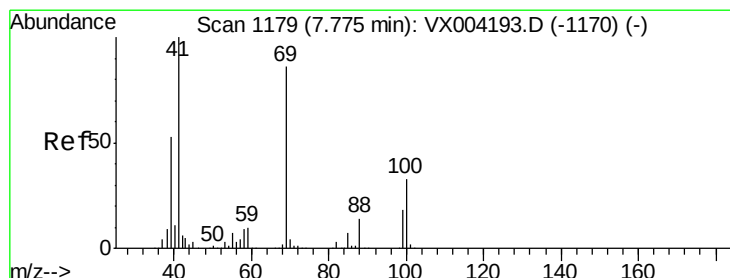
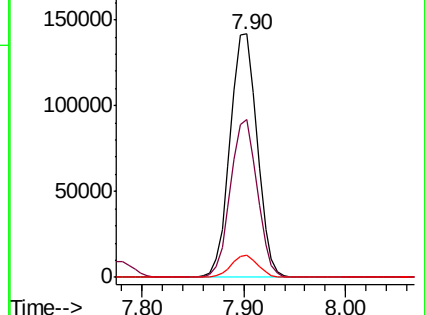
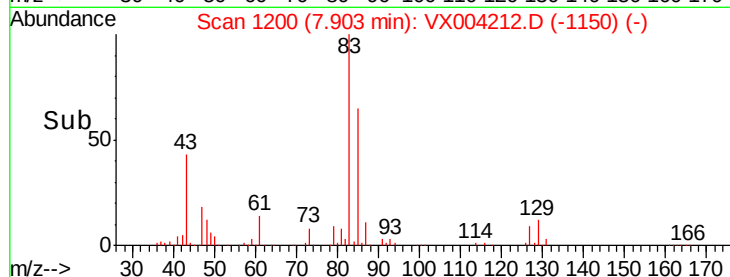
127 9.3 7.3 10.9



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: 51.315 ug/l

RT: 7.77 min Scan# 1179

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

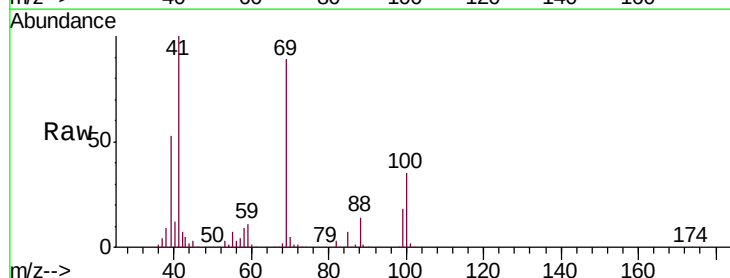
Tgt Ion: 41 Resp: 237080

Ion Ratio Lower Upper

41 100

69 89.5 70.2 105.4

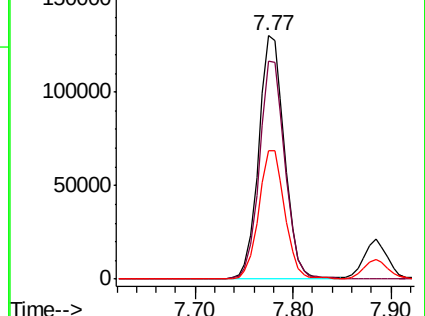
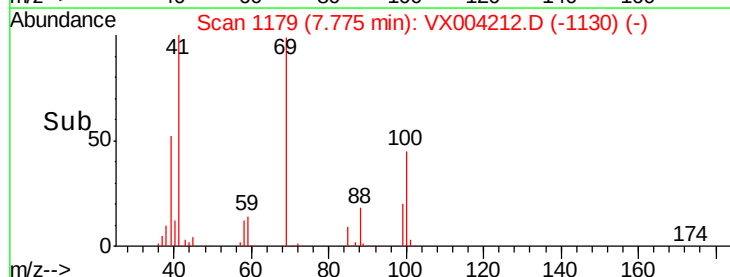
39 53.1 42.7 64.1

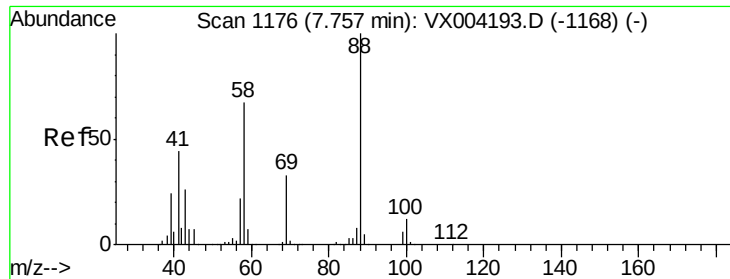


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

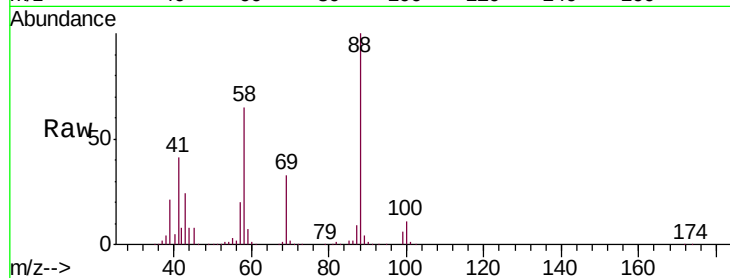




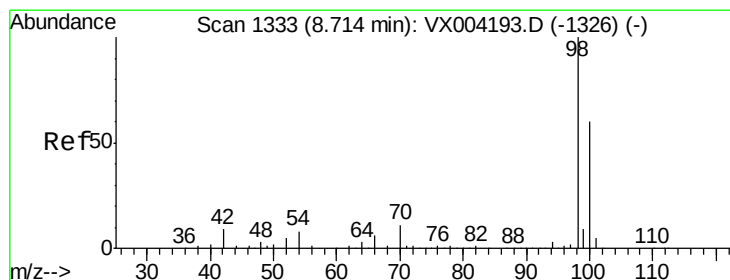
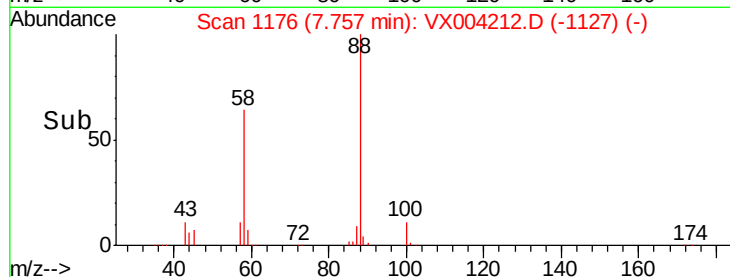
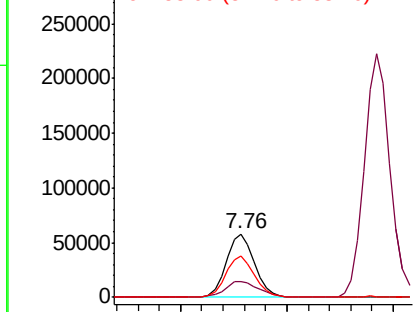
#49  
1,4-Dioxane  
Concen: 1022.556 ug/l  
RT: 7.76 min Scan# 1176  
Delta R.T. -0.00 min  
Lab File: VX004212.D  
Acq: 22 Aug 2018 21:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion: 88 Resp: 107263  
Ion Ratio Lower Upper  
88 100  
43 29.1 24.7 37.1  
58 67.6 55.3 82.9

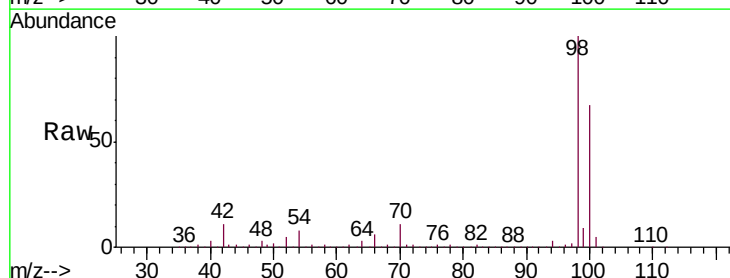


Abundance Ion 88.00 (87.70 to 88.70): VX0  
Ion 43.00 (42.70 to 43.70): VX0  
Ion 58.00 (57.70 to 58.70): VX0

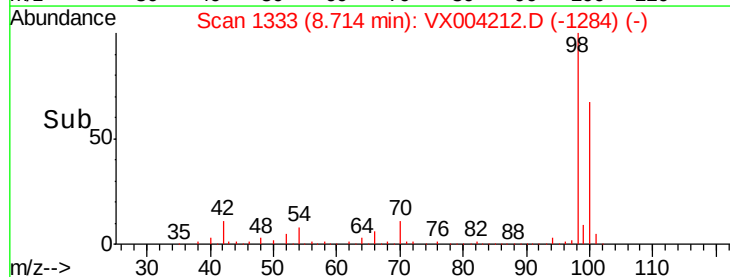
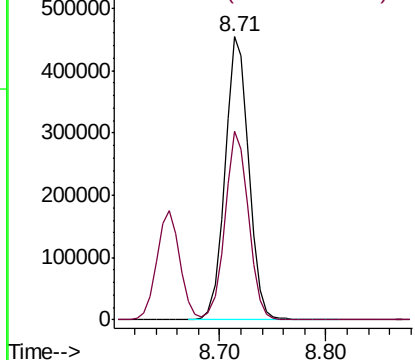


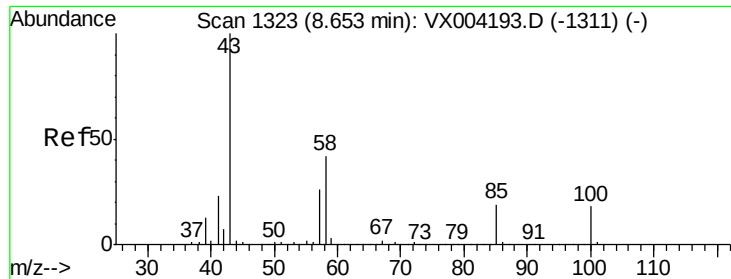
#50  
Toluene-d8  
Concen: 49.355 ug/l  
RT: 8.71 min Scan# 1333  
Delta R.T. -0.00 min  
Lab File: VX004212.D  
Acq: 22 Aug 2018 21:16

Tgt Ion: 98 Resp: 704358  
Ion Ratio Lower Upper  
98 100  
100 66.3 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0  
Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 237.334 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA\_X

ClientSampleId :

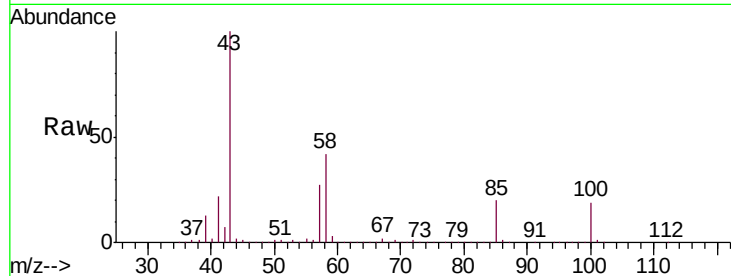
VSTDCCC050EC

Tgt Ion: 43 Resp: 1488937

Ion Ratio Lower Upper

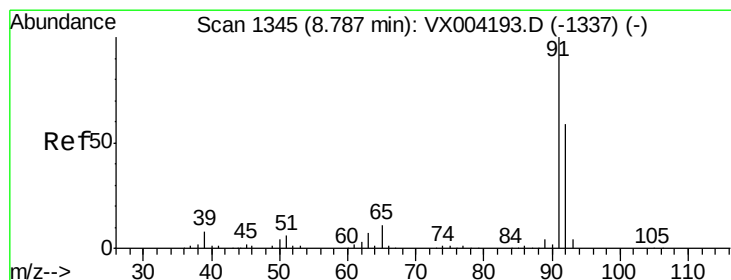
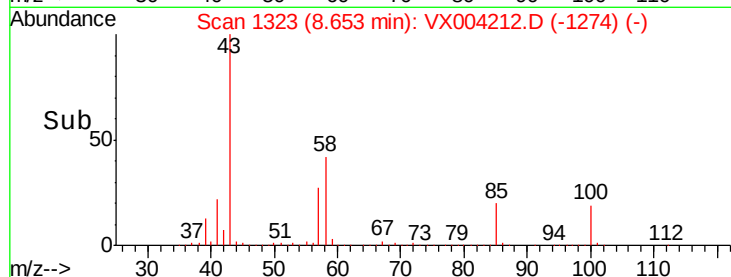
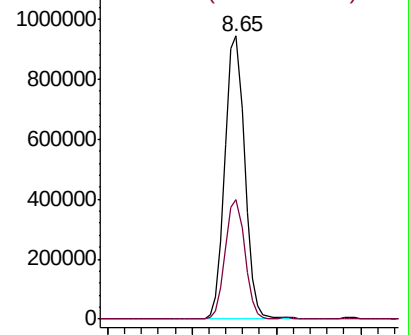
43 100

58 41.8 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: 49.451 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX004212.D

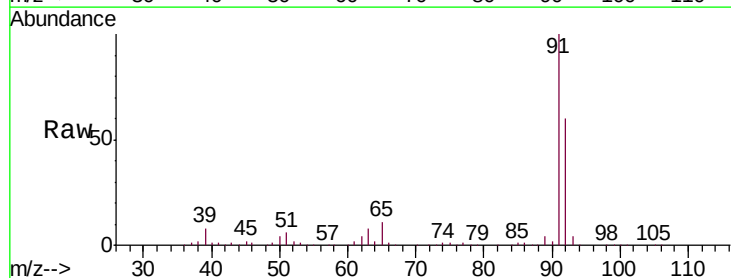
Acq: 22 Aug 2018 21:16

Tgt Ion: 92 Resp: 528477

Ion Ratio Lower Upper

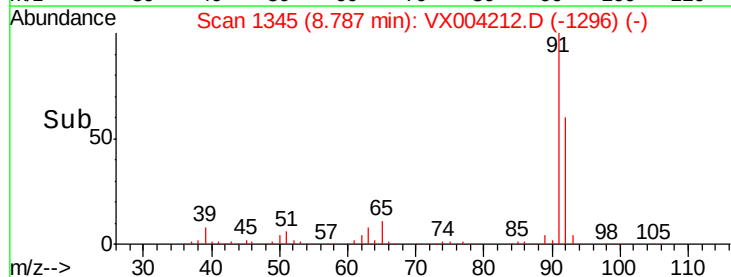
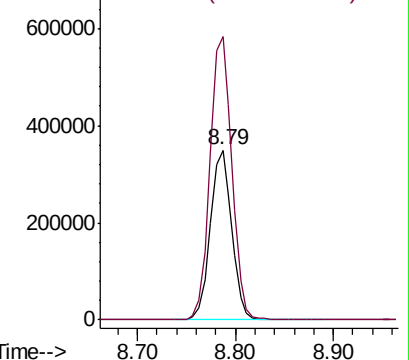
92 100

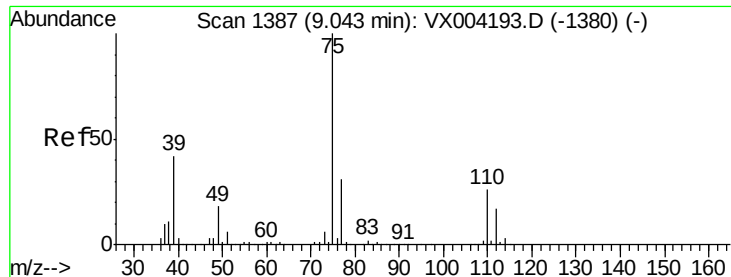
91 170.7 136.4 204.6



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: 50.717 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA\_X

ClientSampleId :

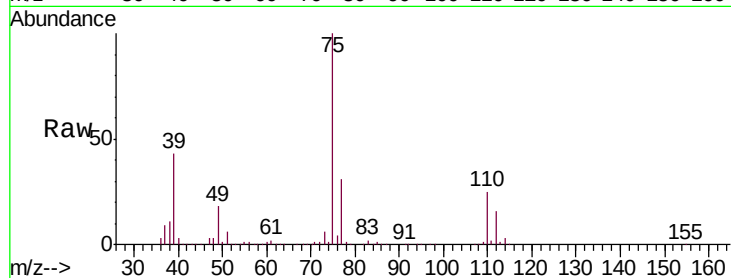
VSTDCCC050EC

Tgt Ion: 75 Resp: 296550

Ion Ratio Lower Upper

75 100

77 31.2 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

200000

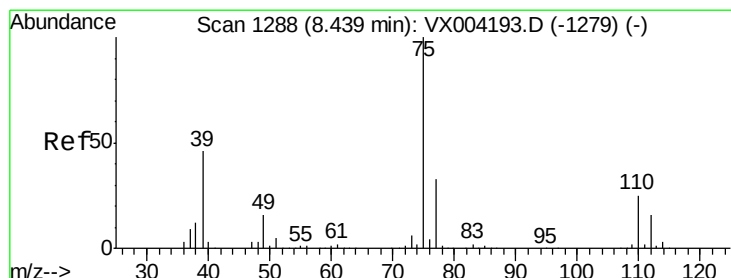
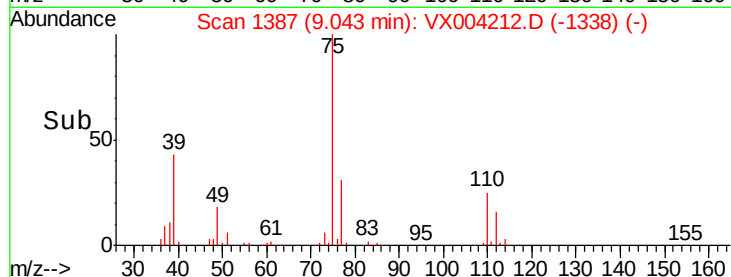
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 50.693 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

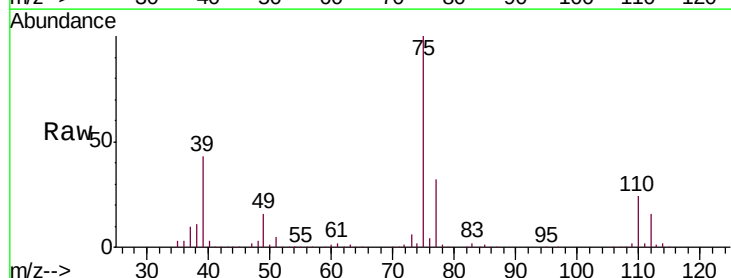
Tgt Ion: 75 Resp: 322863

Ion Ratio Lower Upper

75 100

77 31.8 26.2 39.2

39 43.3 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

8.44

200000

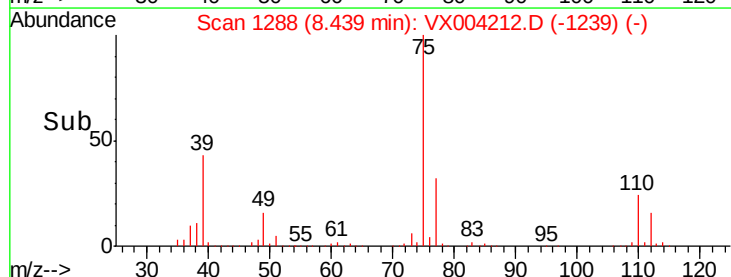
150000

100000

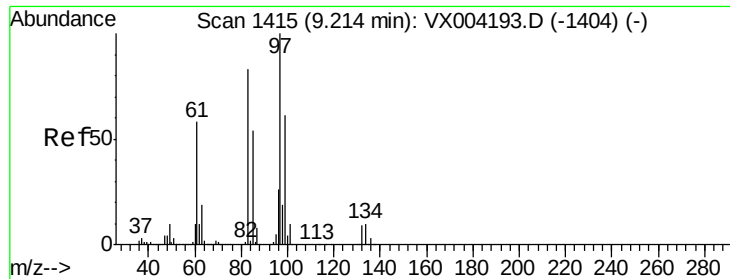
50000

0

Time-->







#55

1,1,2-Trichloroethane

Concen: 49.268 ug/l

RT: 9.21 min Scan# 1415

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 212543

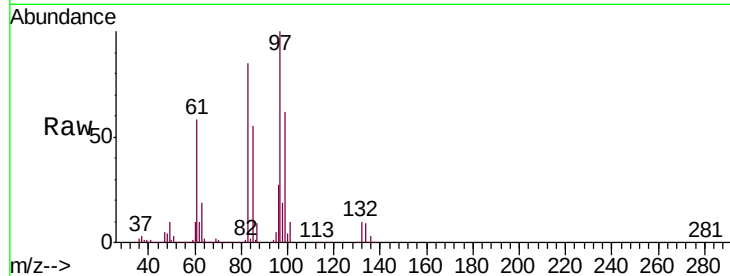
Ion Ratio Lower Upper

97 100

83 85.0 66.4 99.6

85 55.1 43.3 64.9

99 61.7 49.0 73.4

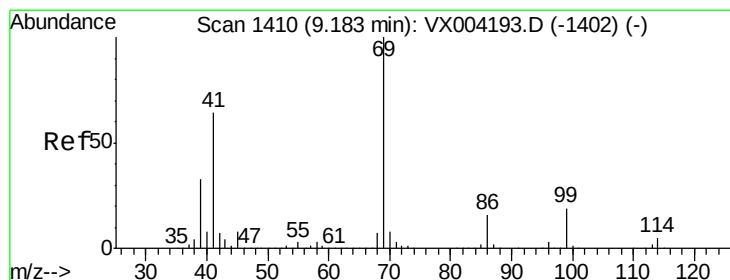
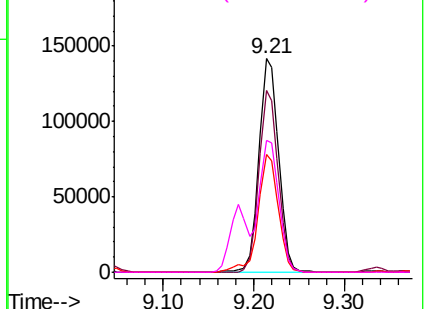
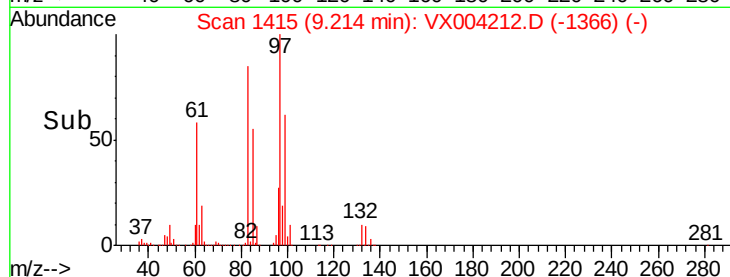


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 54.546 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

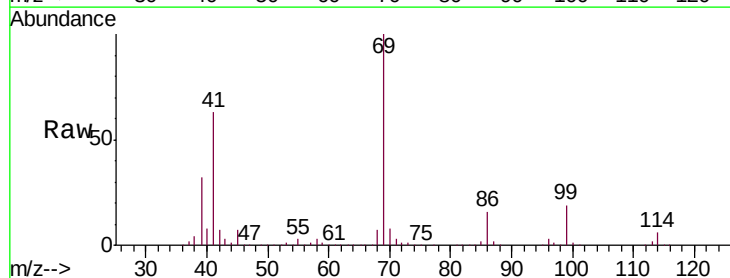
Tgt Ion: 69 Resp: 320332

Ion Ratio Lower Upper

69 100

41 62.2 51.0 76.4

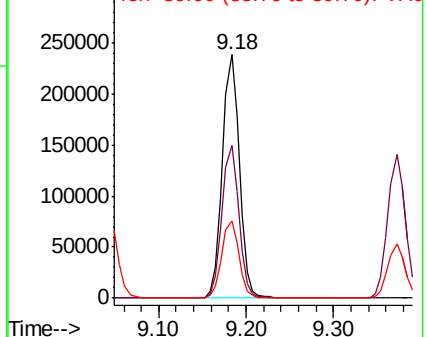
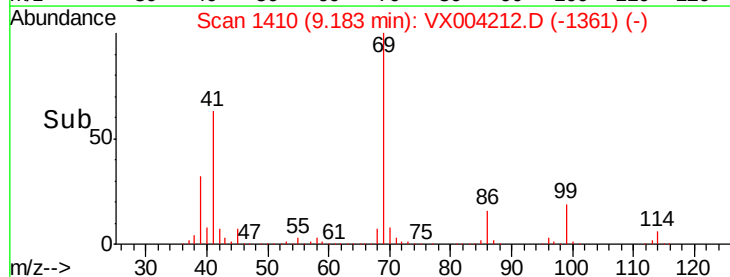
39 31.8 26.1 39.1

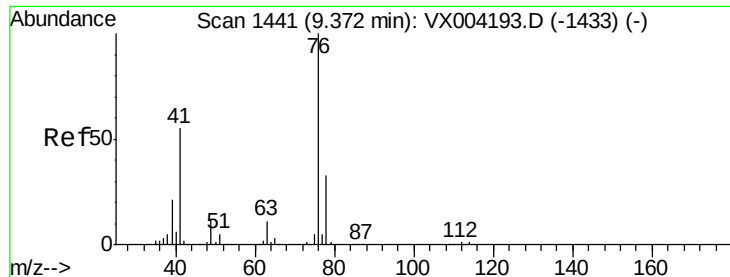


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

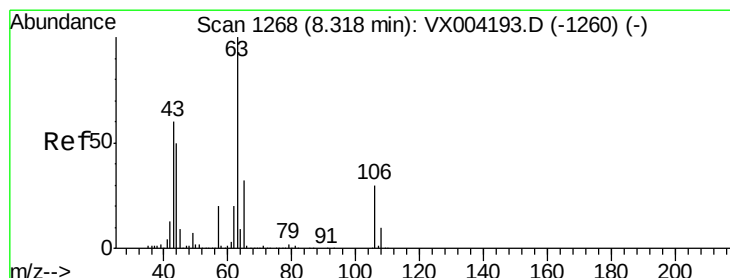
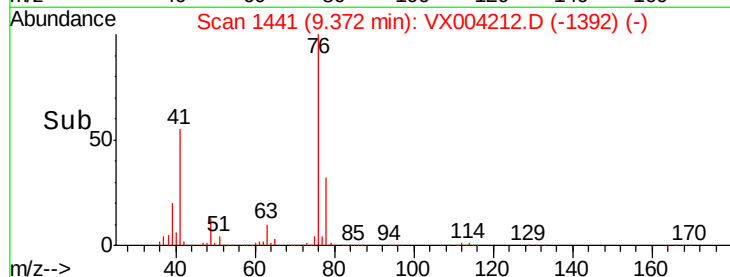
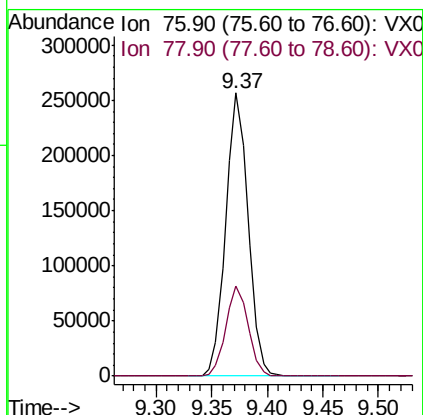
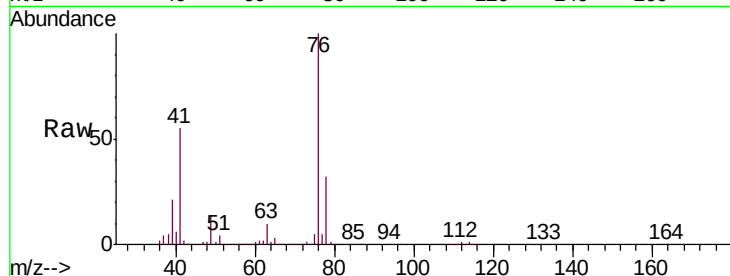




#57  
 1,3-Dichloropropane  
 Concen: 49.209 ug/l  
 RT: 9.37 min Scan# 1441  
 Delta R.T. -0.00 min  
 Lab File: VX004212.D  
 Acq: 22 Aug 2018 21:16

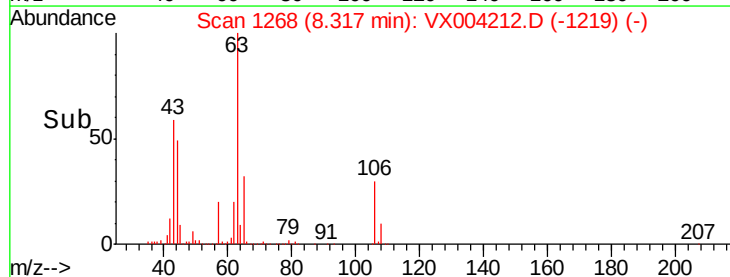
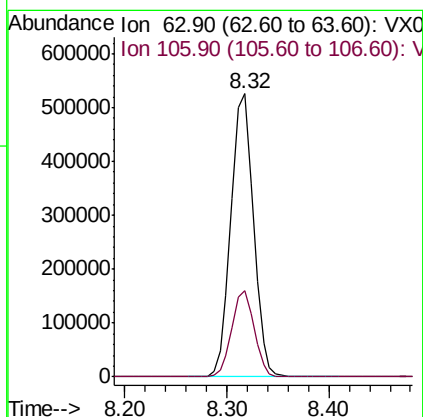
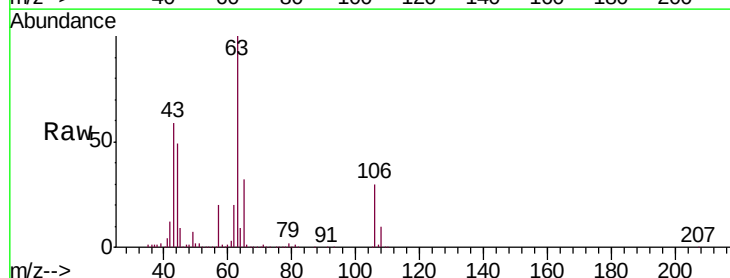
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

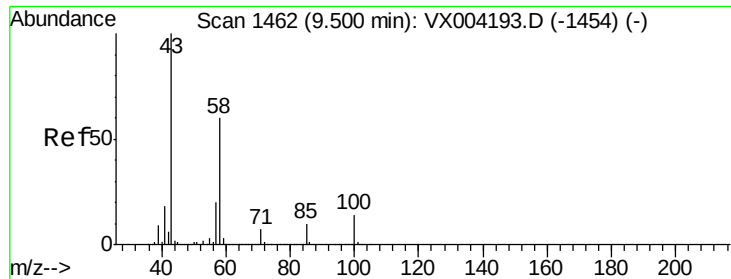
Tgt Ion: 76 Resp: 357826  
 Ion Ratio Lower Upper  
 76 100  
 78 32.0 25.5 38.3



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 267.288 ug/l  
 RT: 8.32 min Scan# 1268  
 Delta R.T. -0.00 min  
 Lab File: VX004212.D  
 Acq: 22 Aug 2018 21:16

Tgt Ion: 63 Resp: 804297  
 Ion Ratio Lower Upper  
 63 100  
 106 30.2 23.9 35.9

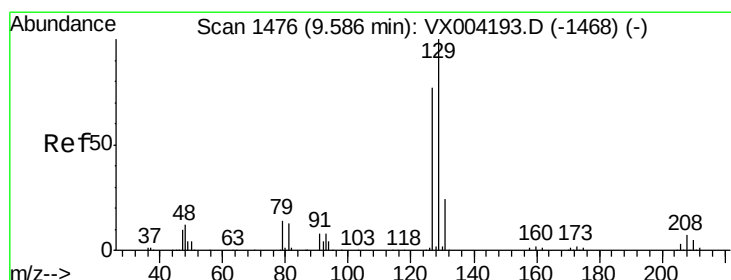
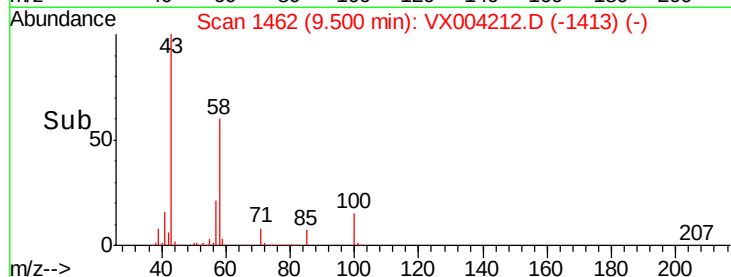
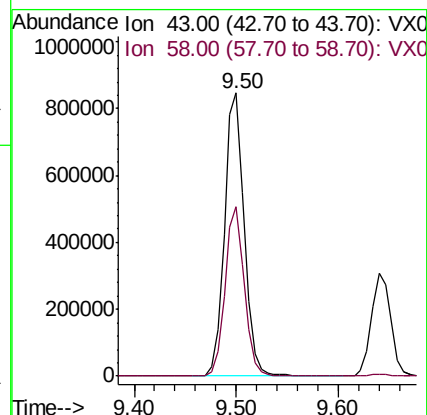
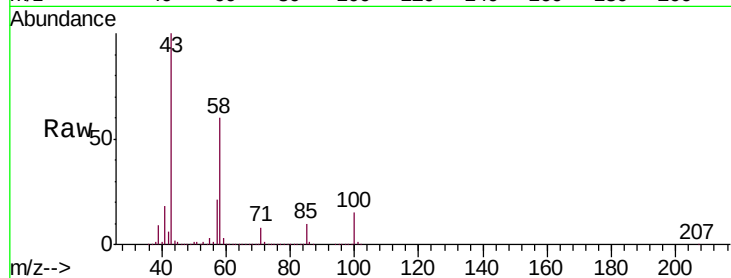




#59  
2-Hexanone  
Concen: 238.056 ug/l  
RT: 9.50 min Scan# 1462  
Delta R.T. -0.00 min  
Lab File: VX004212.D  
Acq: 22 Aug 2018 21:16

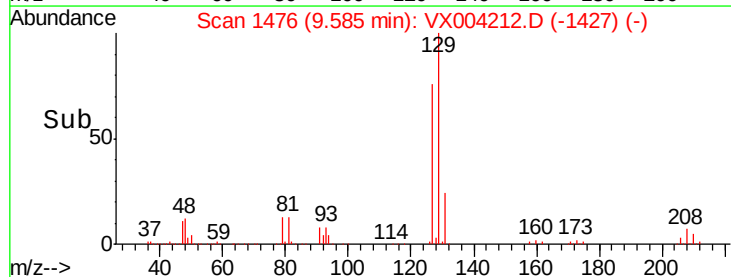
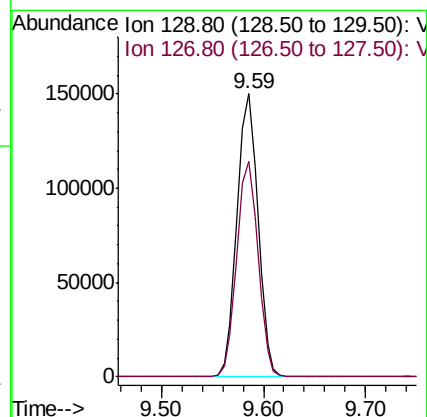
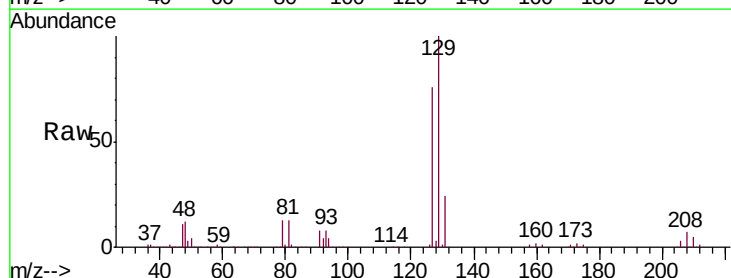
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

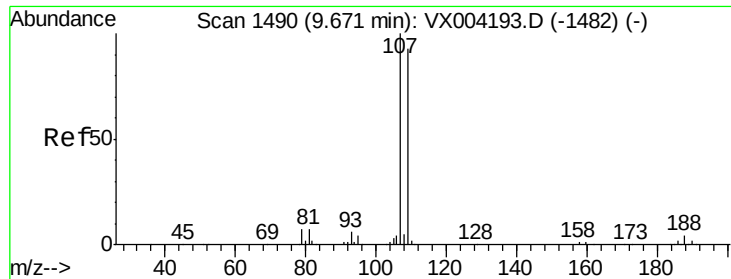
Tgt Ion: 43 Resp: 1139372  
Ion Ratio Lower Upper  
43 100  
58 58.7 29.0 87.0



#60  
Dibromochloromethane  
Concen: 50.945 ug/l  
RT: 9.59 min Scan# 1476  
Delta R.T. -0.00 min  
Lab File: VX004212.D  
Acq: 22 Aug 2018 21:16

Tgt Ion: 129 Resp: 214128  
Ion Ratio Lower Upper  
129 100  
127 76.7 38.5 115.5

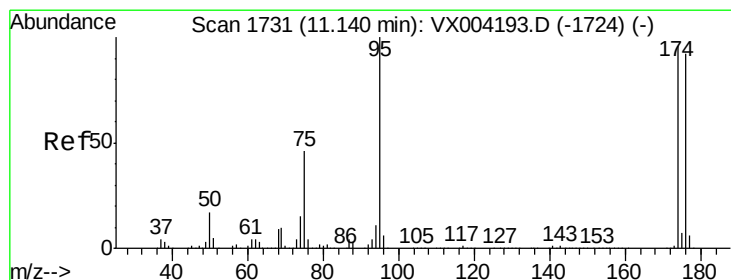
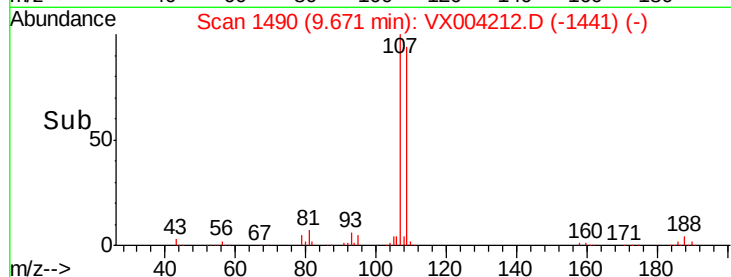
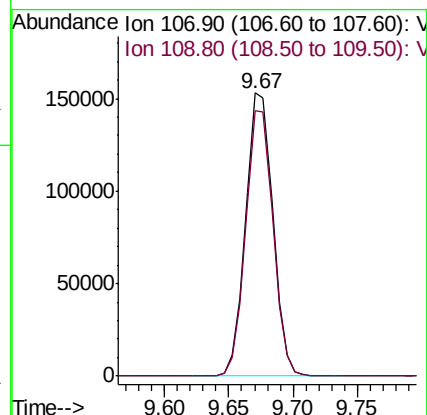
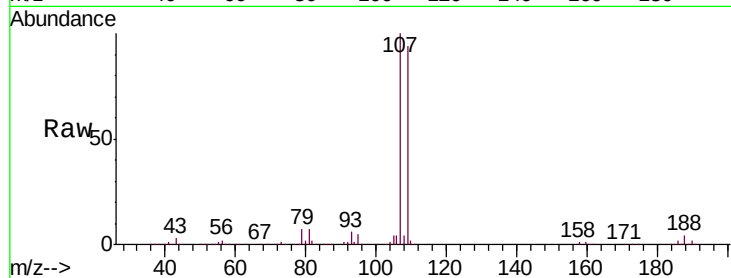




#61  
 1,2-Dibromoethane  
 Concen: 49.927 ug/l  
 RT: 9.67 min Scan# 1490  
 Delta R.T. -0.00 min  
 Lab File: VX004212.D  
 Acq: 22 Aug 2018 21:16

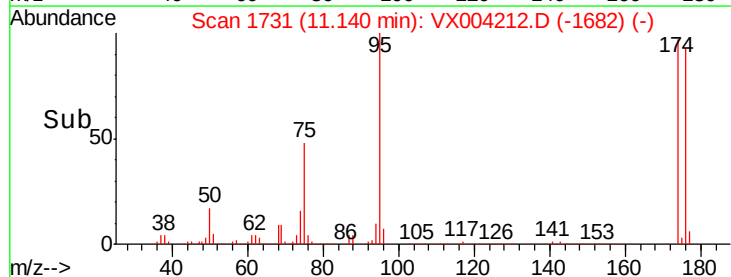
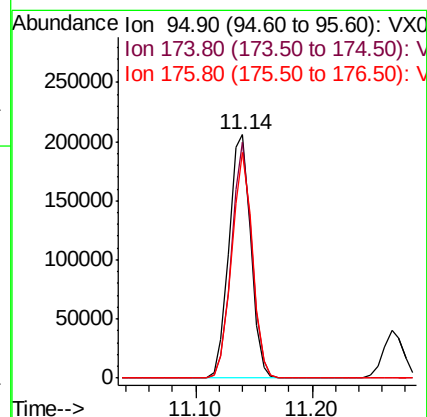
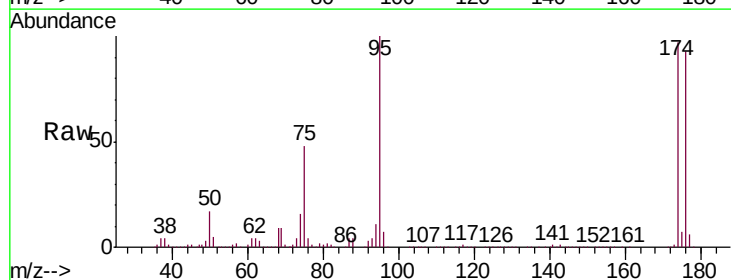
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

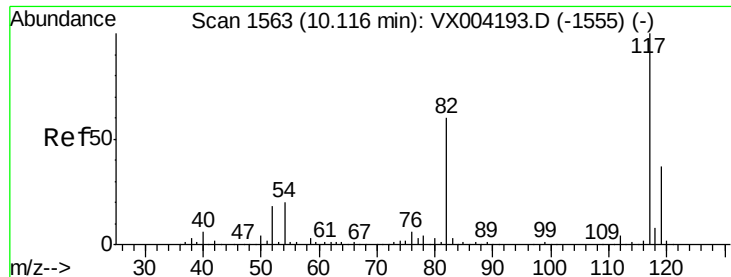
Tgt Ion: 107 Resp: 222898  
 Ion Ratio Lower Upper  
 107 100  
 109 94.5 76.0 114.0



#62  
 4-Bromofluorobenzene  
 Concen: 50.036 ug/l  
 RT: 11.14 min Scan# 1731  
 Delta R.T. -0.00 min  
 Lab File: VX004212.D  
 Acq: 22 Aug 2018 21:16

Tgt Ion: 95 Resp: 266438  
 Ion Ratio Lower Upper  
 95 100  
 174 90.8 0.0 185.2  
 176 88.4 0.0 178.6

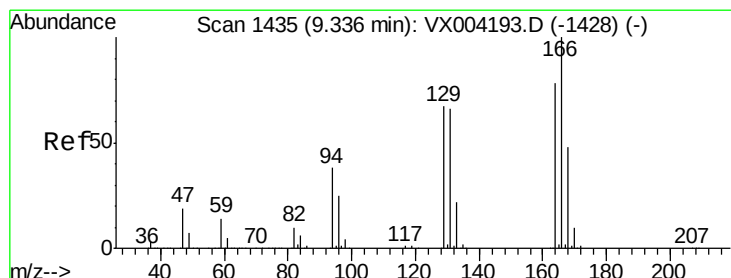
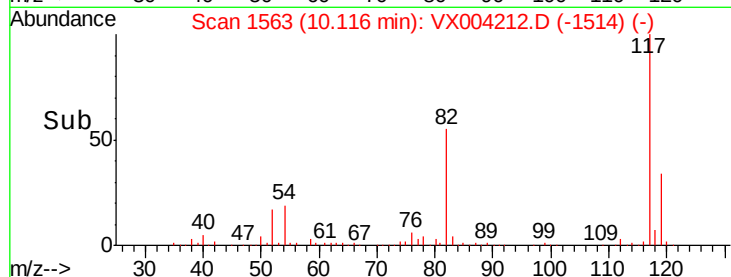
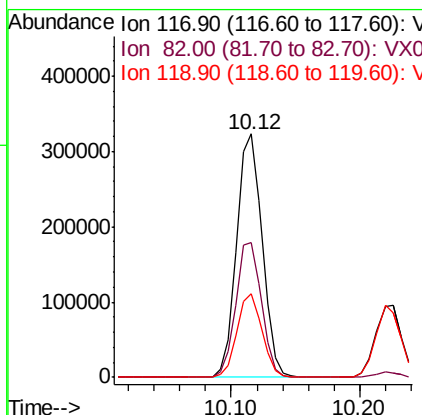
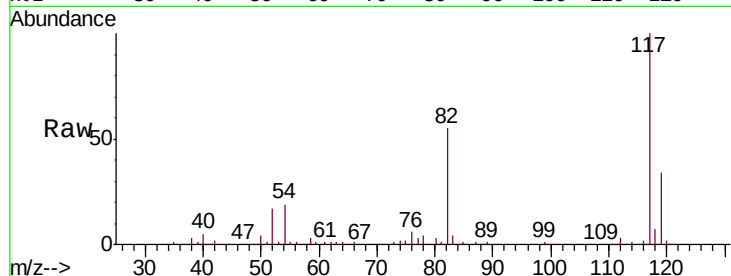




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1563  
Delta R.T. -0.00 min  
Lab File: VX004212.D  
Acq: 22 Aug 2018 21:16

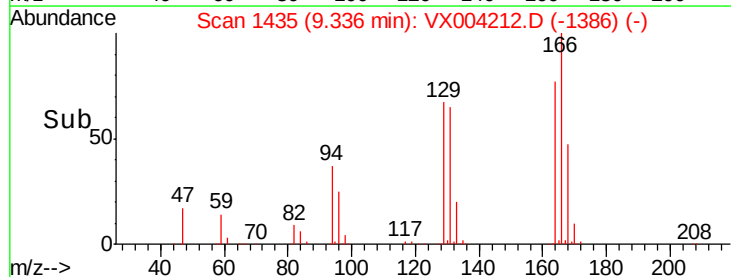
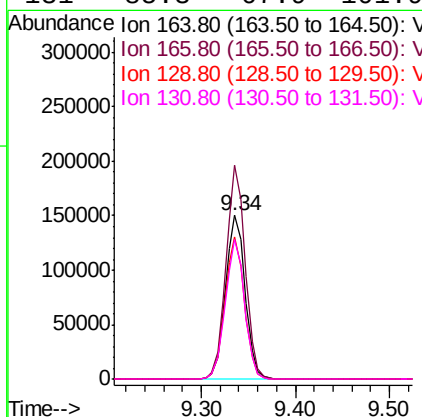
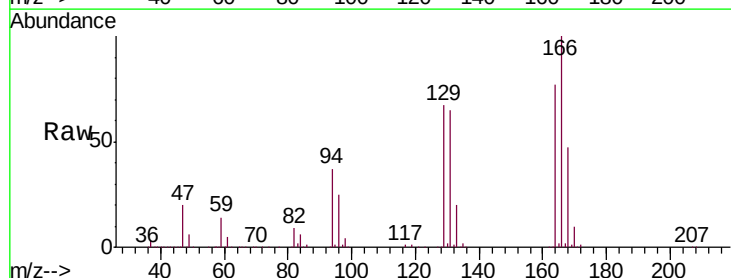
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

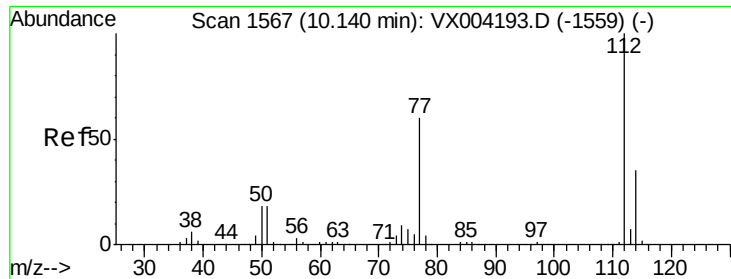
Tgt Ion:117 Resp: 446787  
Ion Ratio Lower Upper  
117 100  
82 55.2 47.8 71.6  
119 34.2 29.3 43.9



#64  
Tetrachloroethene  
Concen: 49.015 ug/l  
RT: 9.34 min Scan# 1435  
Delta R.T. -0.00 min  
Lab File: VX004212.D  
Acq: 22 Aug 2018 21:16

Tgt Ion:164 Resp: 216336  
Ion Ratio Lower Upper  
164 100  
166 130.7 102.8 154.2  
129 87.1 69.4 104.0  
131 85.3 67.9 101.9

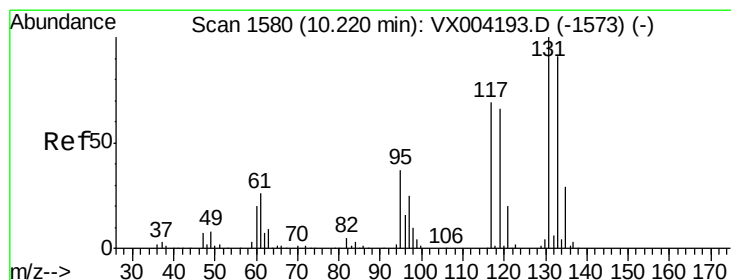
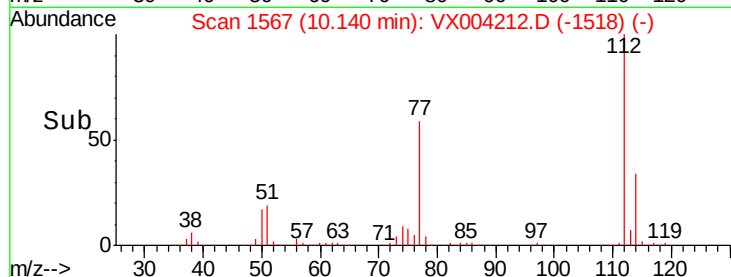
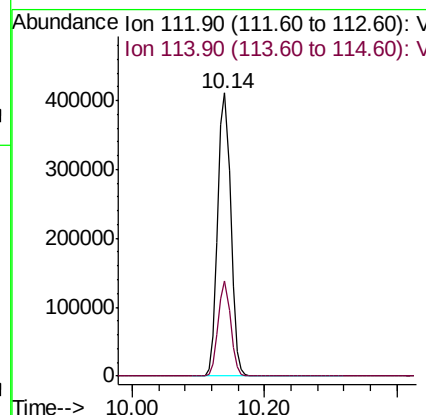
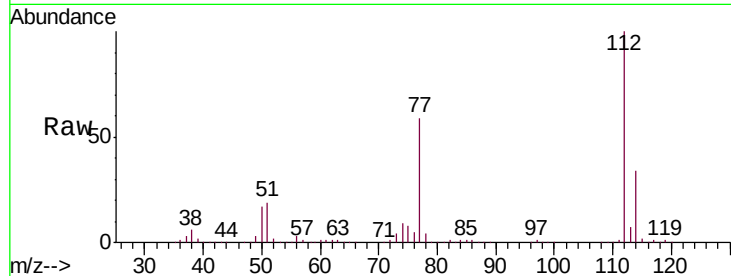




#65  
Chlorobenzene  
Concen: 49.678 ug/l  
RT: 10.14 min Scan# 1567  
Delta R.T. -0.00 min  
Lab File: VX004212.D  
Acq: 22 Aug 2018 21:16

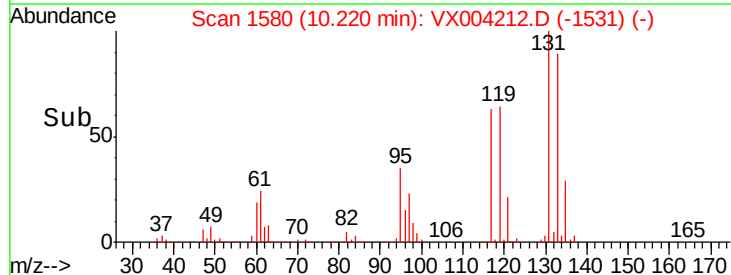
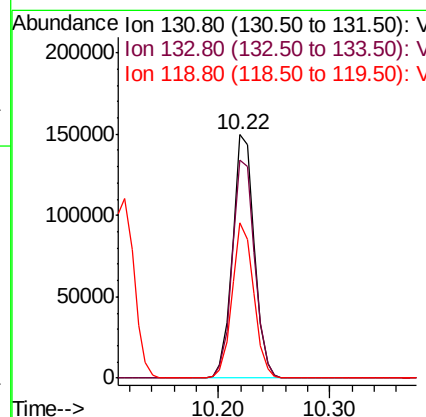
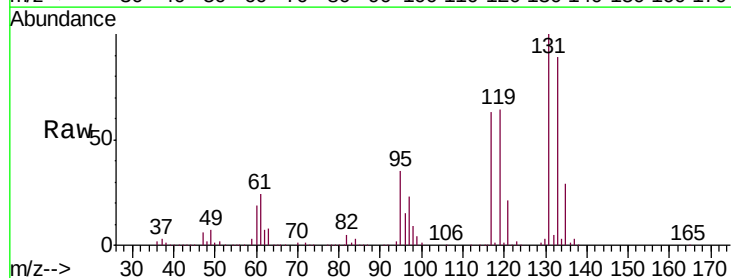
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

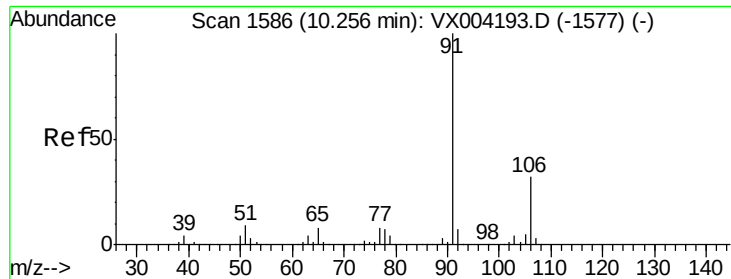
Tgt Ion:112 Resp: 557053  
Ion Ratio Lower Upper  
112 100  
114 33.6 27.8 41.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 52.174 ug/l  
RT: 10.22 min Scan# 1580  
Delta R.T. -0.00 min  
Lab File: VX004212.D  
Acq: 22 Aug 2018 21:16

Tgt Ion:131 Resp: 201786  
Ion Ratio Lower Upper  
131 100  
133 92.2 48.1 144.4  
119 63.1 32.9 98.6





#67

Ethyl Benzene

Concen: 52.701 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA\_X

ClientSampleId :

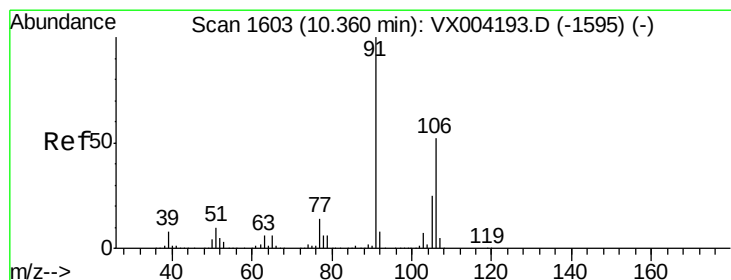
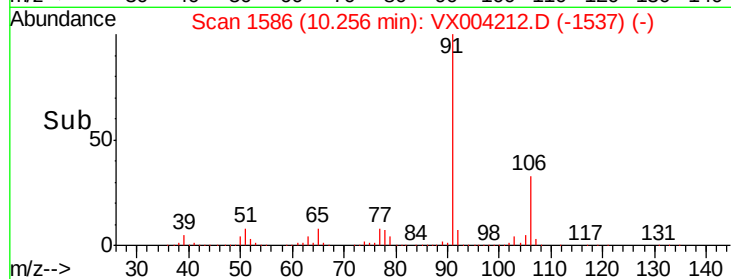
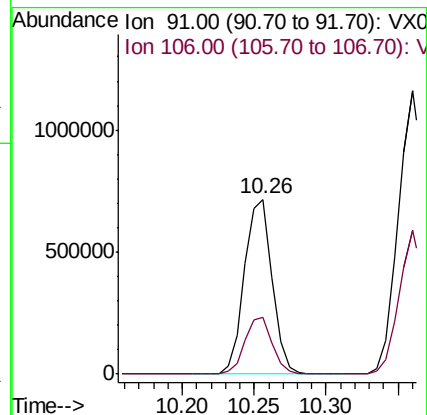
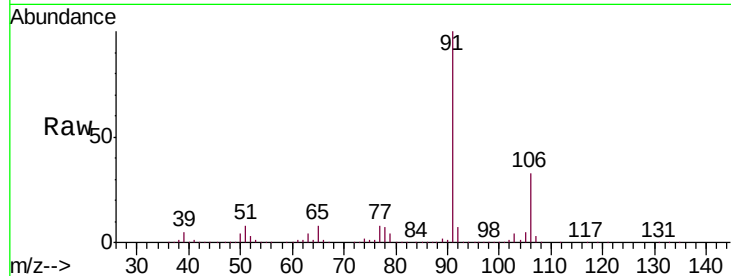
VSTDCCC050EC

Tgt Ion: 91 Resp: 959716

Ion Ratio Lower Upper

91 100

106 32.7 25.9 38.9



#68

m/p-Xylenes

Concen: 105.528 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. -0.00 min

Lab File: VX004212.D

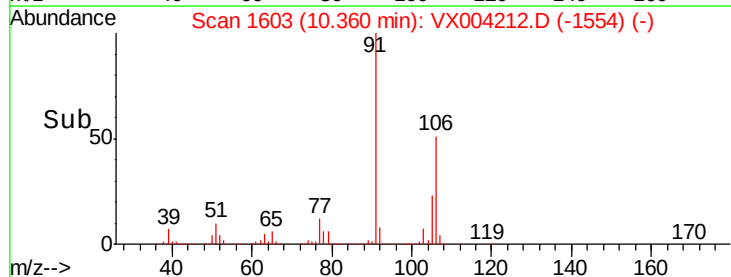
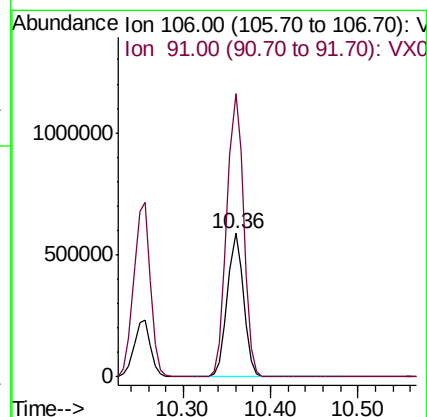
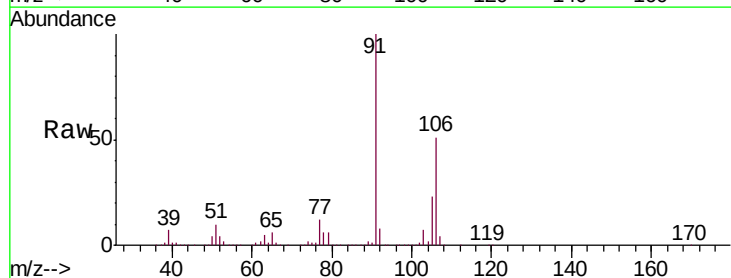
Acq: 22 Aug 2018 21:16

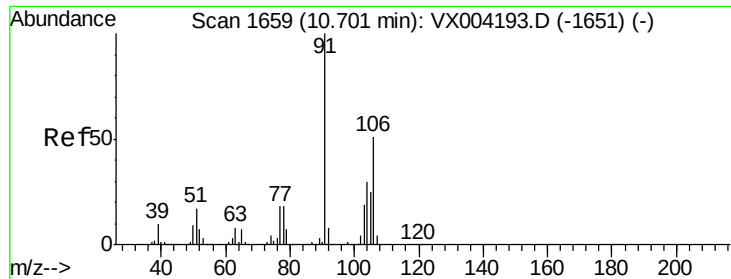
Tgt Ion: 106 Resp: 751432

Ion Ratio Lower Upper

106 100

91 204.3 157.1 235.7

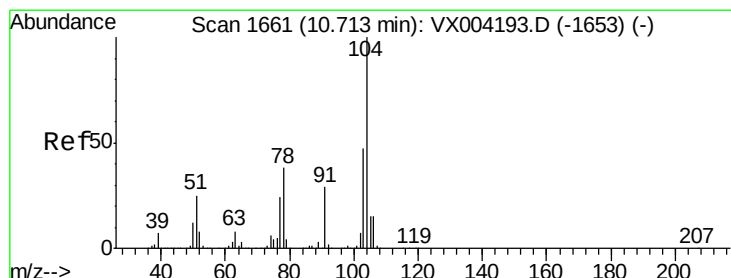
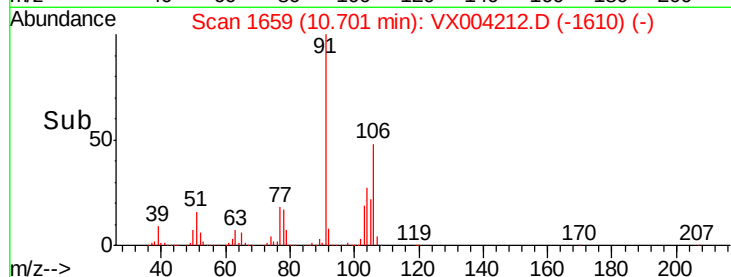
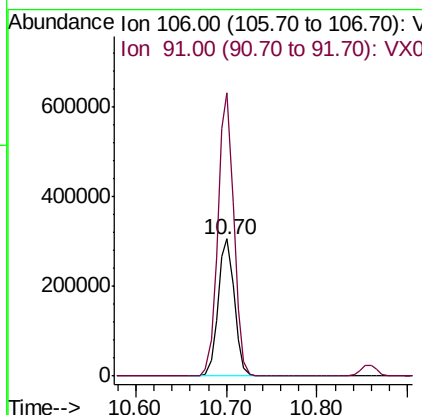
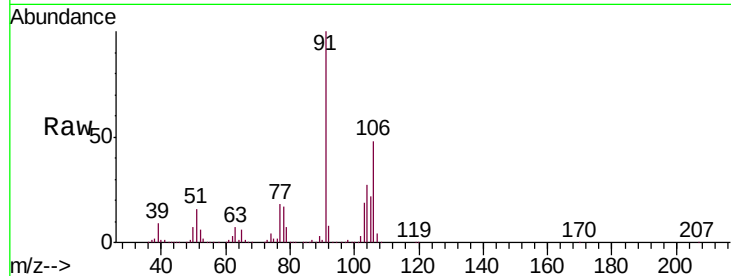




#69  
o-Xylene  
Concen: 56.700 ug/l  
RT: 10.70 min Scan# 1659  
Delta R.T. -0.00 min  
Lab File: VX004212.D  
Acq: 22 Aug 2018 21:16

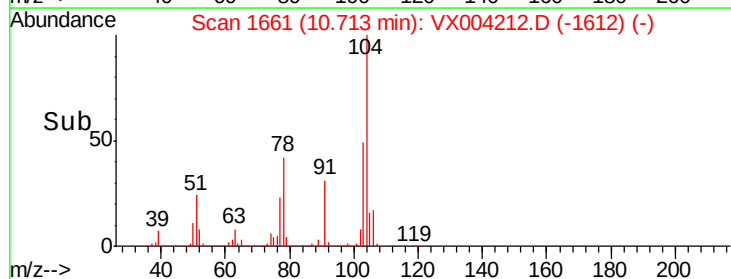
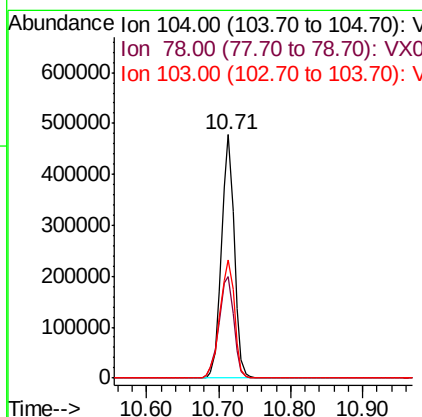
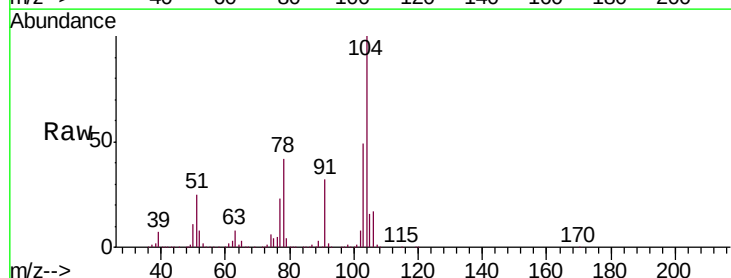
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:106 Resp: 381907  
Ion Ratio Lower Upper  
106 100  
91 203.4 105.1 315.1

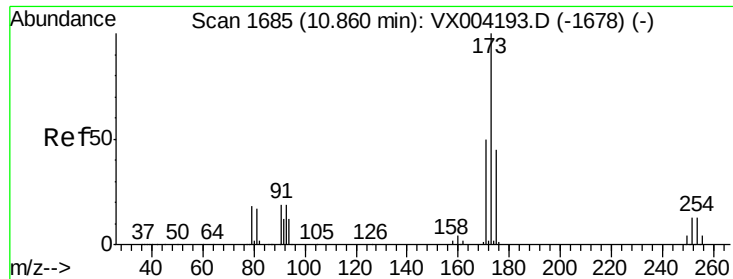


#70  
Styrene  
Concen: 53.886 ug/l  
RT: 10.71 min Scan# 1661  
Delta R.T. -0.00 min  
Lab File: VX004212.D  
Acq: 22 Aug 2018 21:16

Tgt Ion:104 Resp: 587683  
Ion Ratio Lower Upper  
104 100  
78 48.4 37.4 56.0  
103 55.3 43.8 65.6



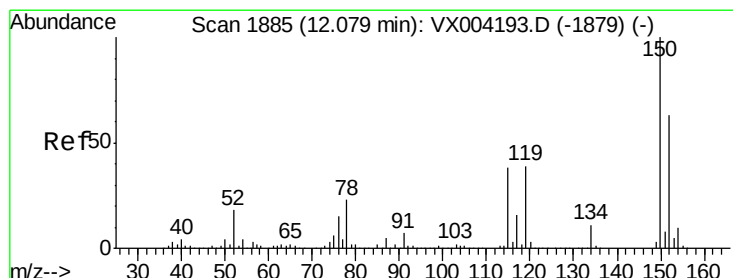
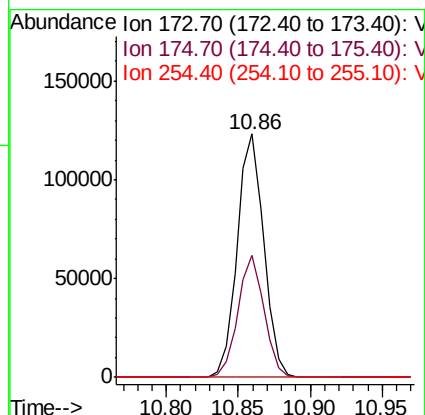
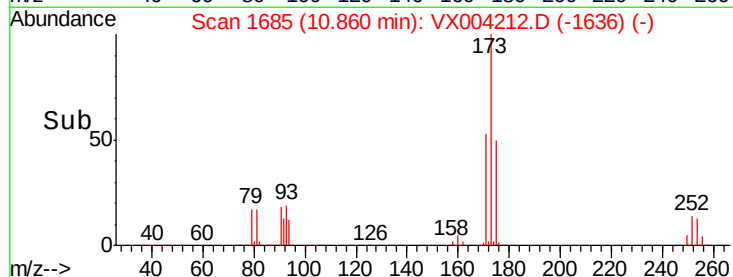
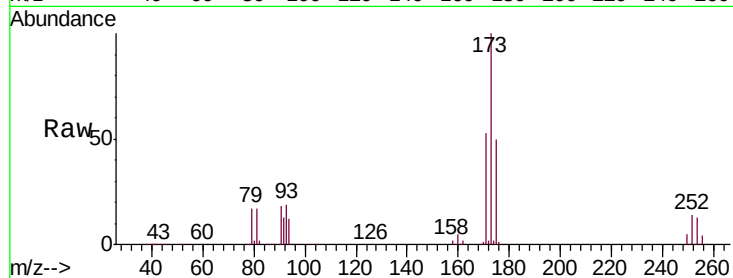




#71  
 Bromoform  
 Concen: 50.985 ug/l  
 RT: 10.86 min Scan# 1685  
 Delta R.T. -0.00 min  
 Lab File: VX004212.D  
 Acq: 22 Aug 2018 21:16

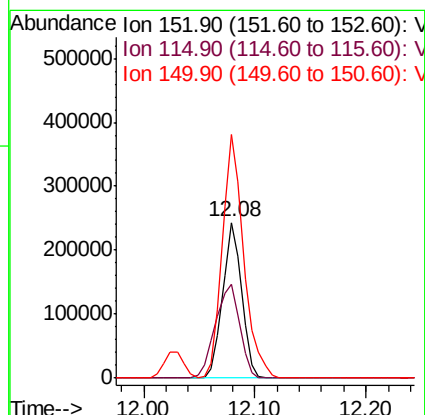
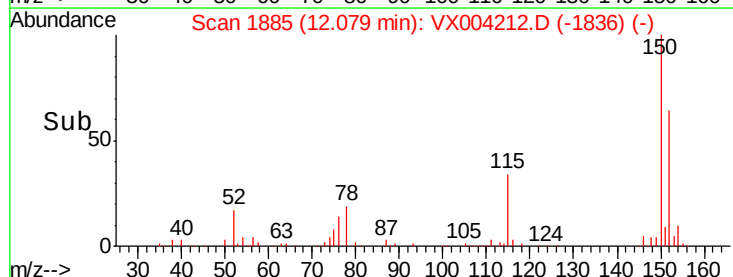
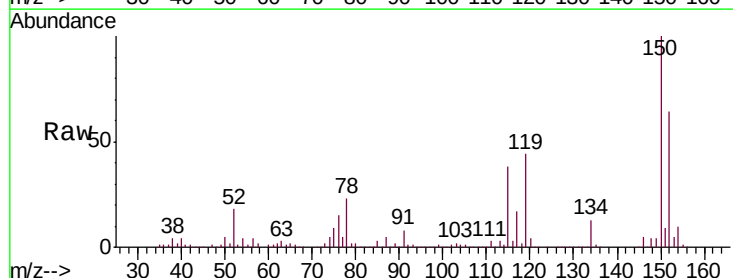
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

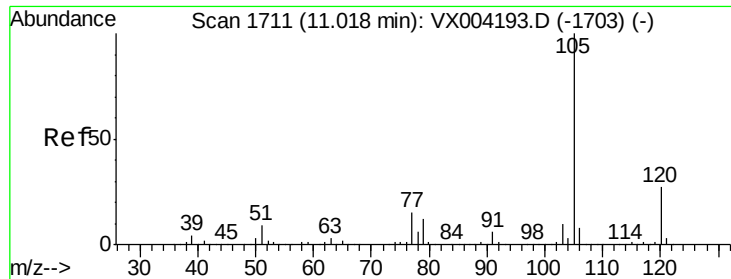
Tgt Ion:173 Resp: 158952  
 Ion Ratio Lower Upper  
 173 100  
 175 49.1 24.1 72.3  
 254 0.2 0.2 0.2



#72  
 1,4-Dichlorobenzene-d4  
 Concen: 50.000 ug/l  
 RT: 12.08 min Scan# 1885  
 Delta R.T. -0.00 min  
 Lab File: VX004212.D  
 Acq: 22 Aug 2018 21:16

Tgt Ion:152 Resp: 287445  
 Ion Ratio Lower Upper  
 152 100  
 115 77.8 39.0 117.0  
 150 176.2 0.0 351.0





#73

Isopropylbenzene

Concen: 54.021 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA\_X

ClientSampleId :

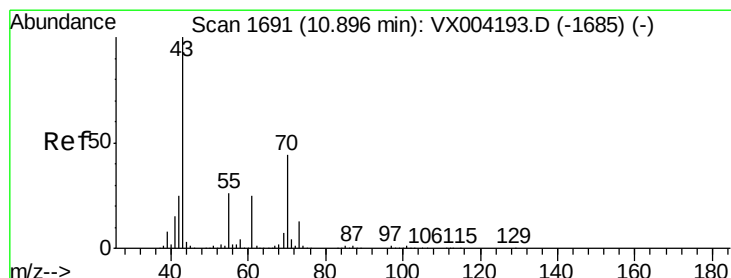
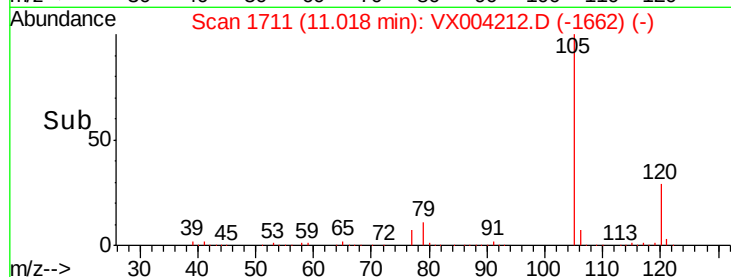
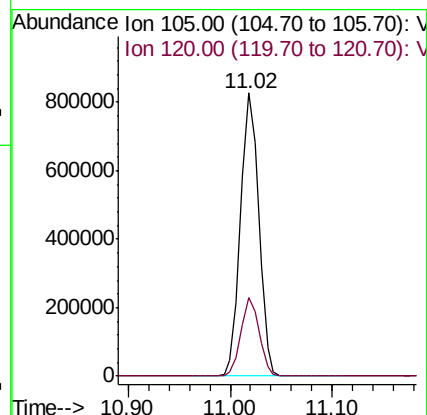
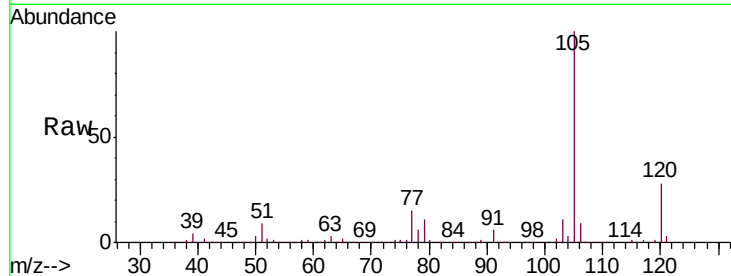
VSTDCCC050EC

Tgt Ion:105 Resp: 1019870

Ion Ratio Lower Upper

105 100

120 27.4 13.5 40.4



#74

N-ethyl acetate

Concen: 54.282 ug/l

RT: 10.90 min Scan# 1692

Delta R.T. 0.01 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Tgt Ion: 43 Resp: 394577

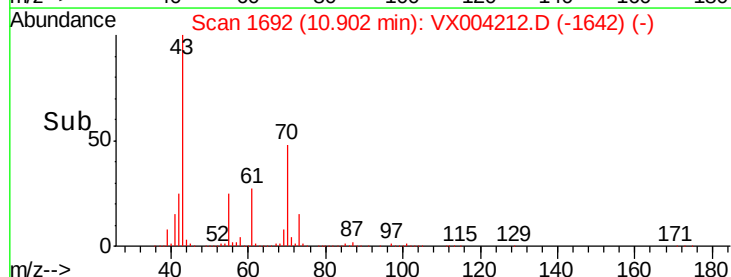
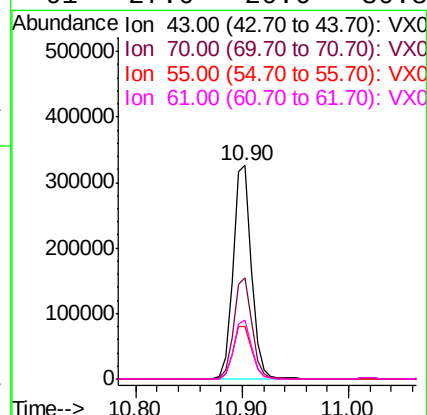
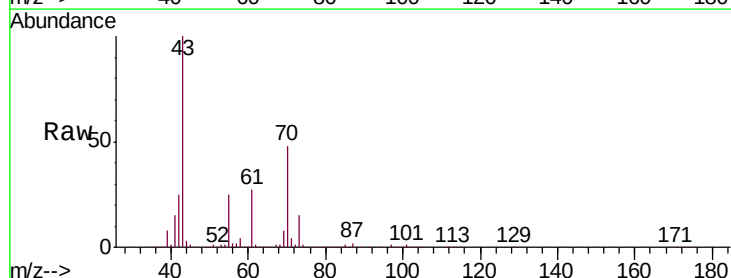
Ion Ratio Lower Upper

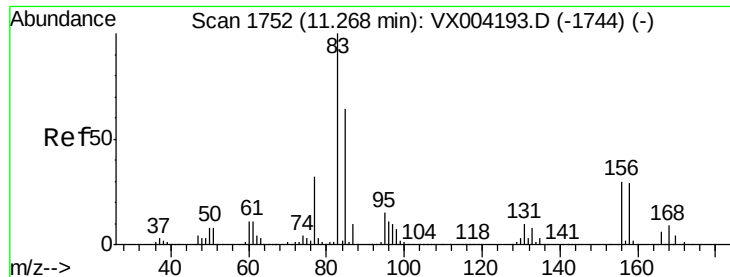
43 100

70 47.2 37.4 56.0

55 25.9 21.8 32.8

61 27.0 20.6 30.8





#75

1,1,2,2-Tetrachloroethane

Concen: 49.834 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

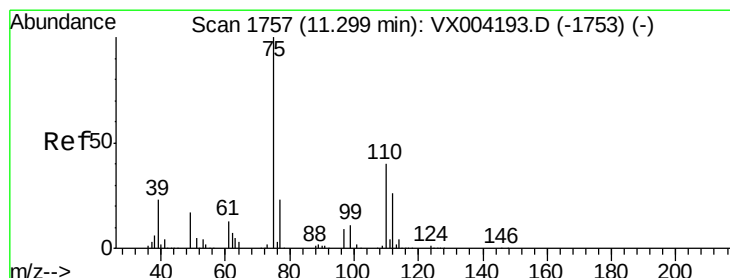
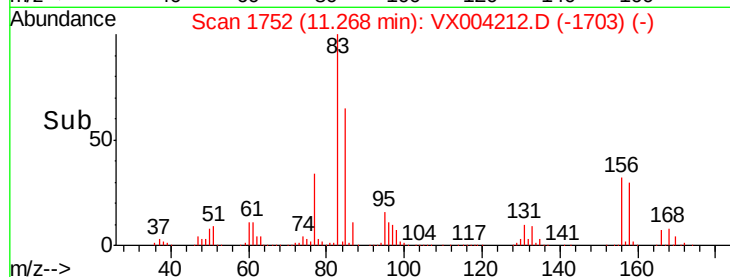
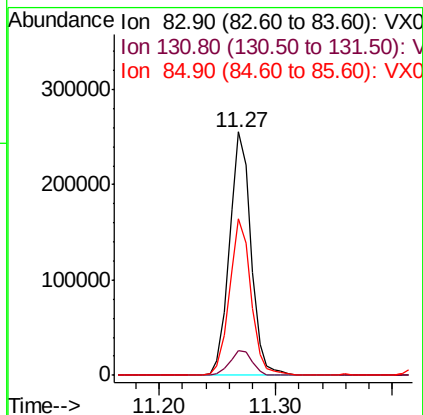
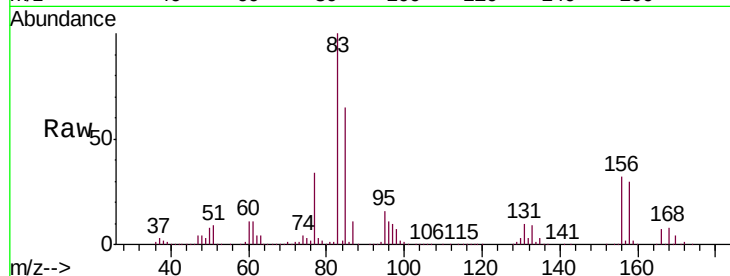
Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 83    | Resp: | 329241 |
| Ion      | Ratio | Lower | Upper  |
| 83       | 100   |       |        |
| 131      | 10.6  | 5.2   | 15.6   |
| 85       | 64.3  | 32.3  | 96.8   |



#76

1,2,3-Trichloropropane

Concen: 63.562 ug/l

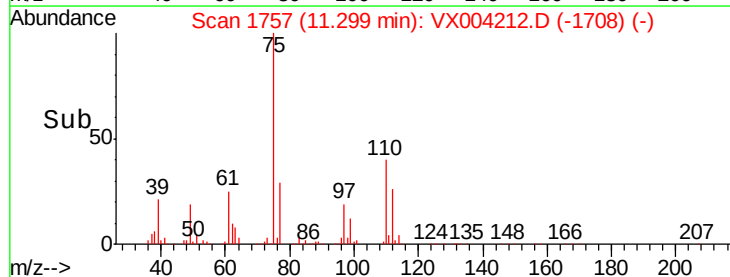
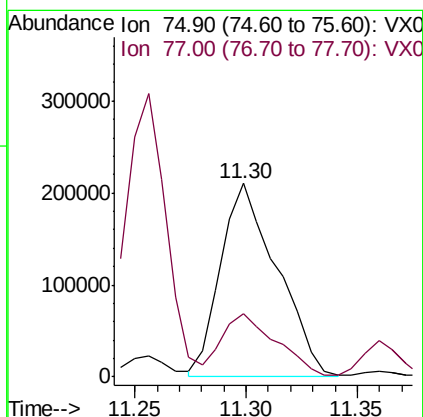
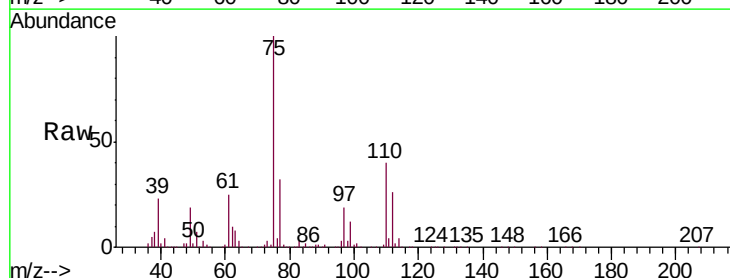
RT: 11.30 min Scan# 1757

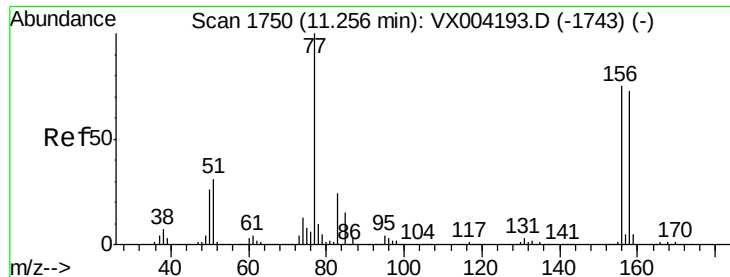
Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 75    | Resp: | 371588 |
| Ion      | Ratio | Lower | Upper  |
| 75       | 100   |       |        |
| 77       | 31.4  | 20.2  | 60.6   |





#77

Bromobenzene

Concen: 50.611 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

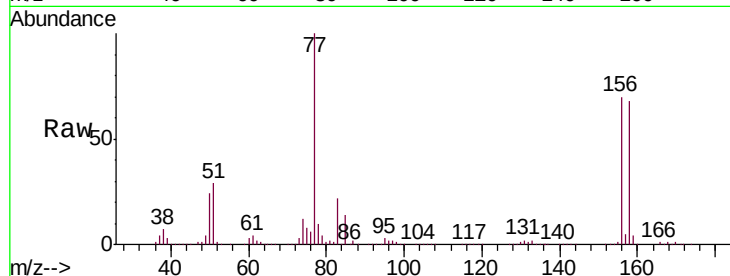
Tgt Ion: 156 Resp: 268026

Ion Ratio Lower Upper

156 100

77 147.0 71.5 214.3

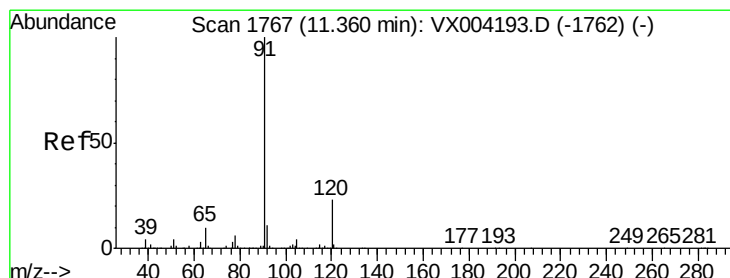
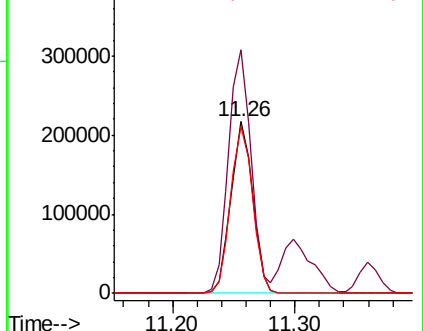
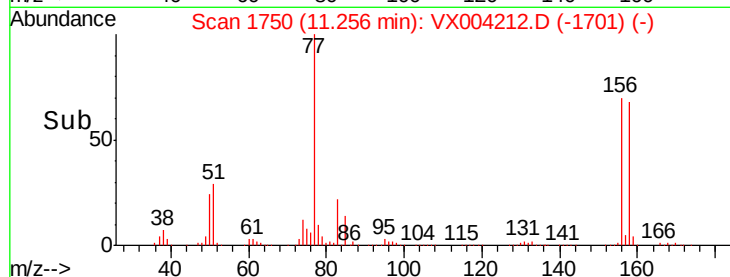
158 98.4 48.9 146.8



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: 54.494 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. -0.00 min

Lab File: VX004212.D

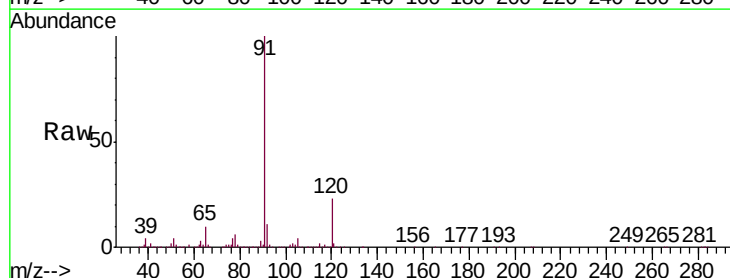
Acq: 22 Aug 2018 21:16

Tgt Ion: 91 Resp: 1183256

Ion Ratio Lower Upper

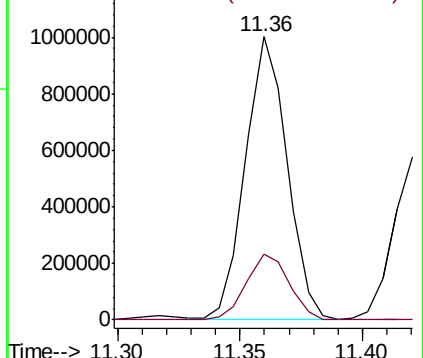
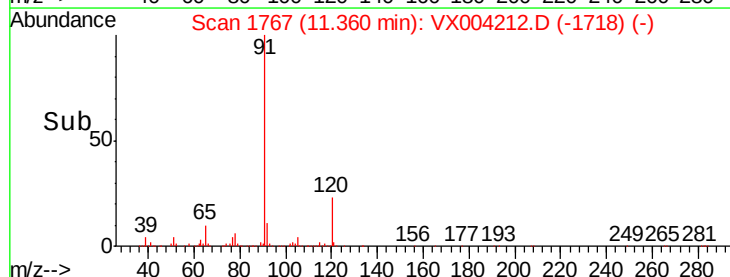
91 100

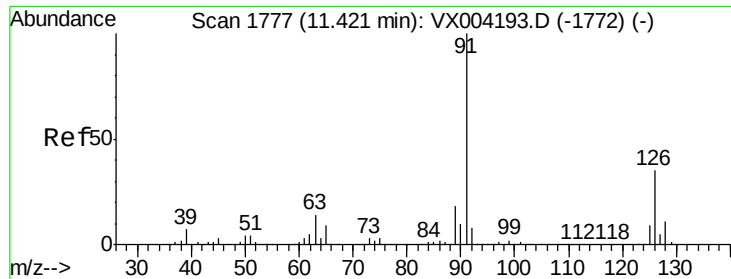
120 24.0 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

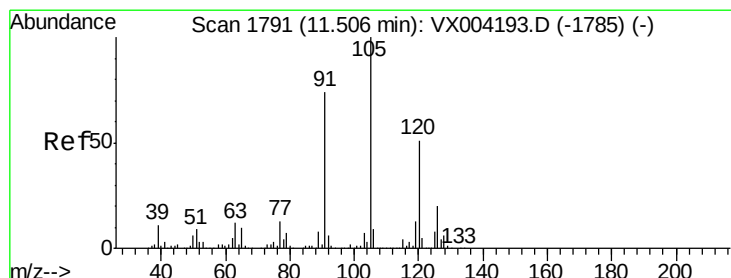
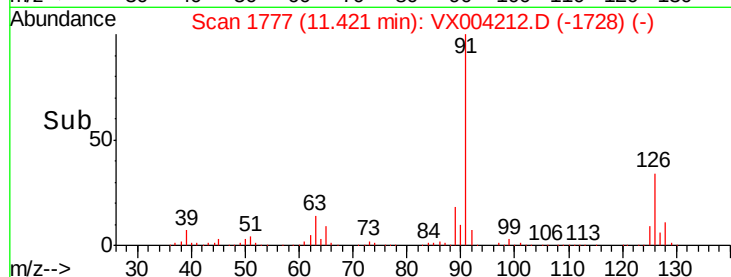
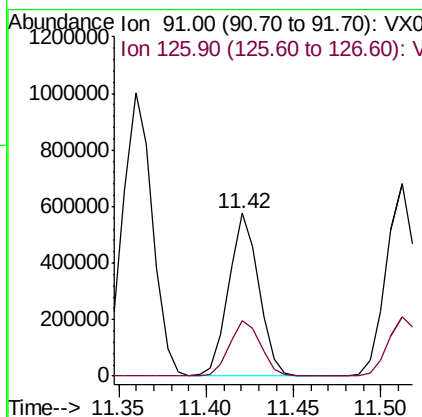
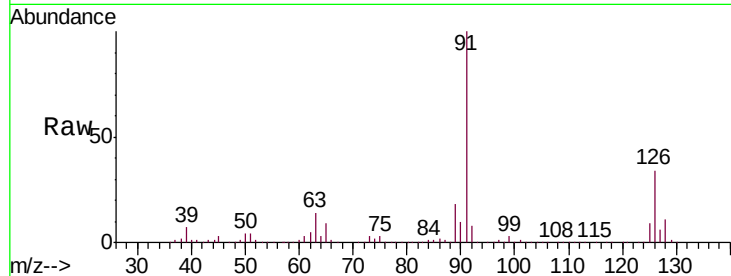




#79  
2-Chlorotoluene  
Concen: 51.390 ug/l  
RT: 11.42 min Scan# 1777  
Delta R.T. -0.00 min  
Lab File: VX004212.D  
Acq: 22 Aug 2018 21:16

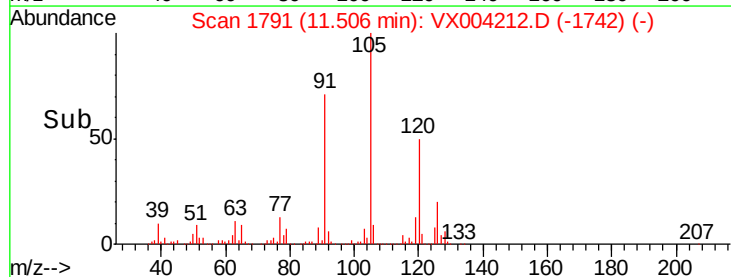
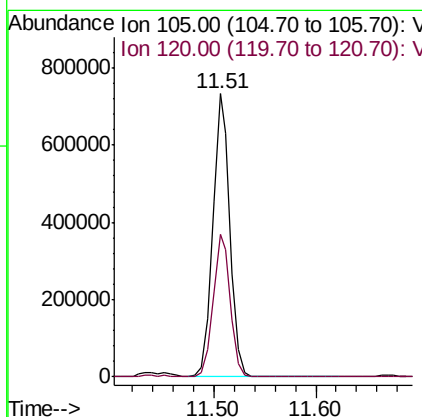
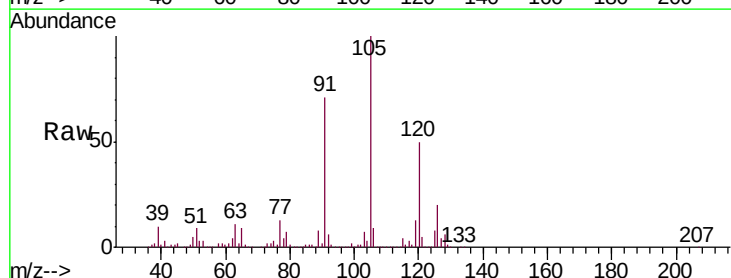
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

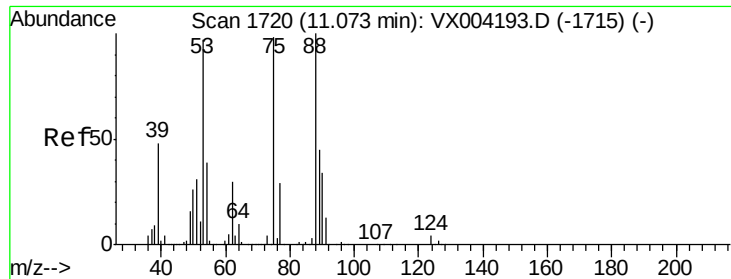
Tgt Ion: 91 Resp: 686821  
Ion Ratio Lower Upper  
91 100  
126 35.5 17.9 53.7



#80  
1,3,5-Trimethylbenzene  
Concen: 55.100 ug/l  
RT: 11.51 min Scan# 1791  
Delta R.T. -0.00 min  
Lab File: VX004212.D  
Acq: 22 Aug 2018 21:16

Tgt Ion: 105 Resp: 861457  
Ion Ratio Lower Upper  
105 100  
120 50.6 25.6 76.8

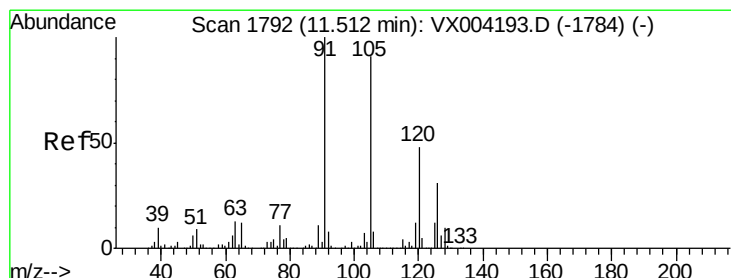
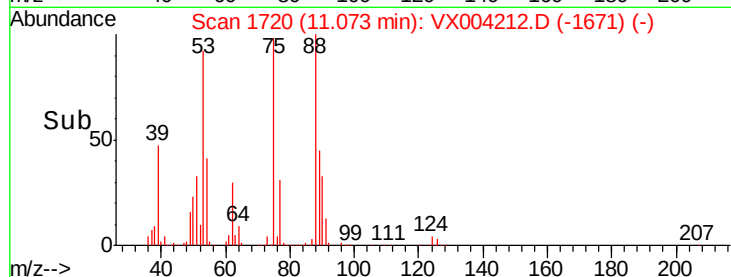
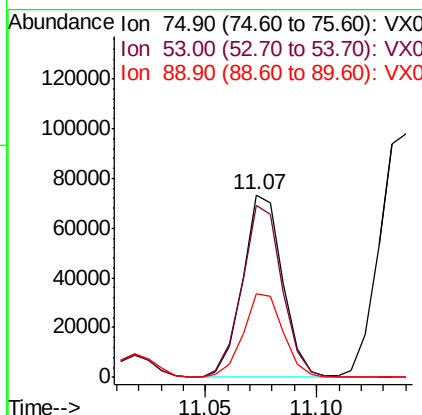
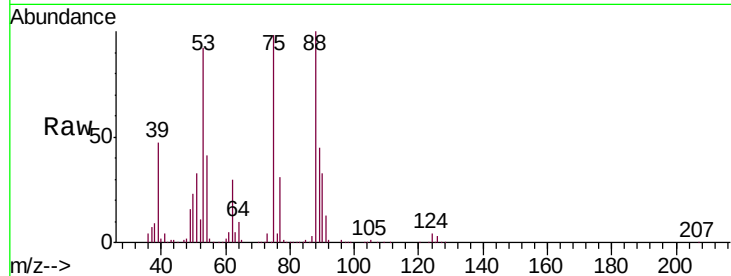




#81  
 trans-1,4-Dichloro-2-butene  
 Concen: 50.692 ug/l  
 RT: 11.07 min Scan# 1720  
 Delta R.T. -0.00 min  
 Lab File: VX004212.D  
 Acq: 22 Aug 2018 21:16

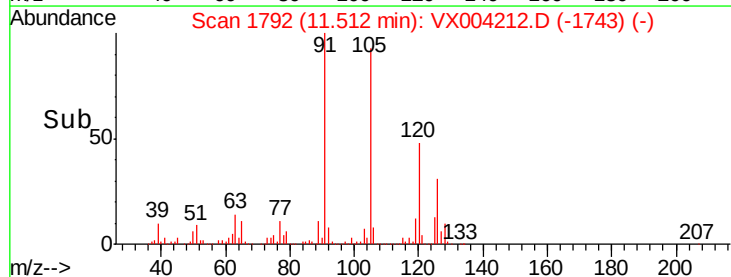
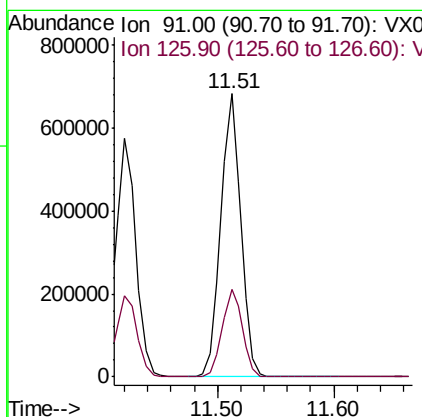
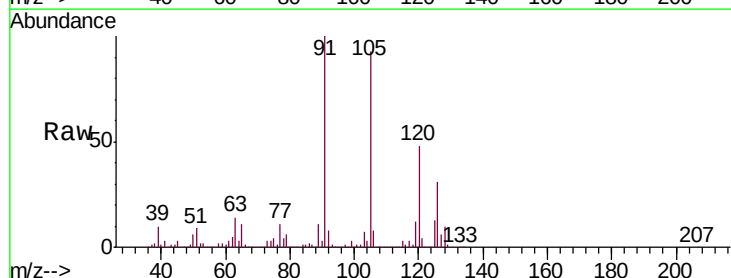
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

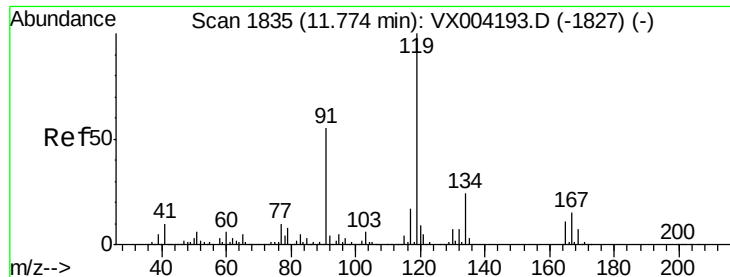
Tgt Ion: 75 Resp: 91337  
 Ion Ratio Lower Upper  
 75 100  
 53 96.0 80.1 120.1  
 89 46.0 37.2 55.8



#82  
 4-Chlorotoluene  
 Concen: 51.294 ug/l  
 RT: 11.51 min Scan# 1792  
 Delta R.T. -0.00 min  
 Lab File: VX004212.D  
 Acq: 22 Aug 2018 21:16

Tgt Ion: 91 Resp: 806687  
 Ion Ratio Lower Upper  
 91 100  
 126 31.4 15.5 46.5

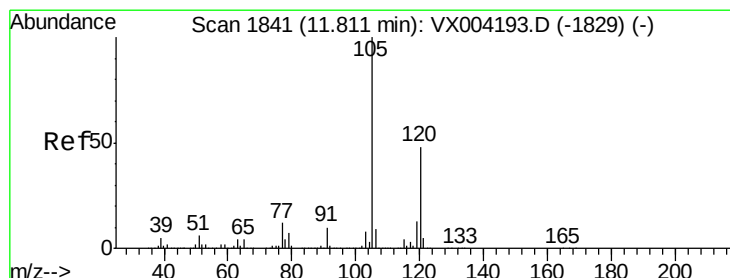
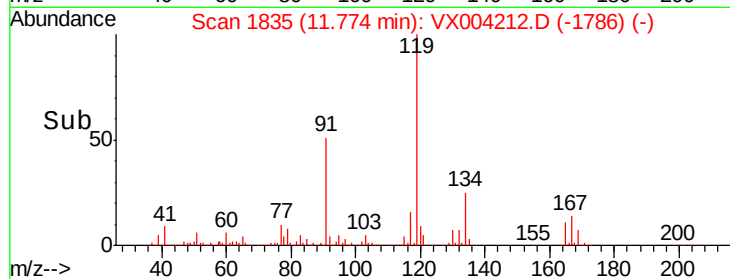
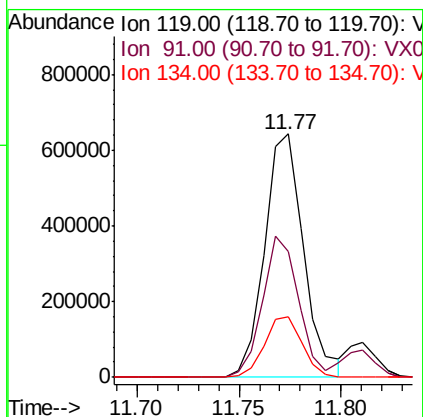
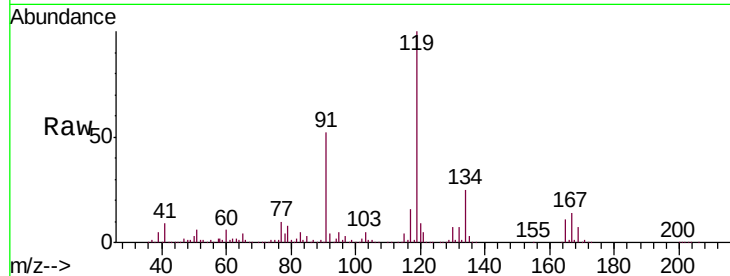




#83  
 tert-Butylbenzene  
 Concen: 54.611 ug/l  
 RT: 11.77 min Scan# 1835  
 Delta R.T. -0.00 min  
 Lab File: VX004212.D  
 Acq: 22 Aug 2018 21:16

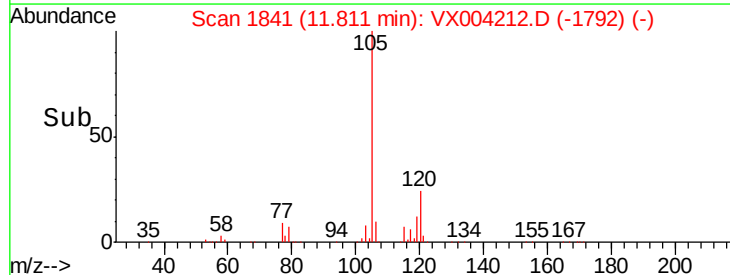
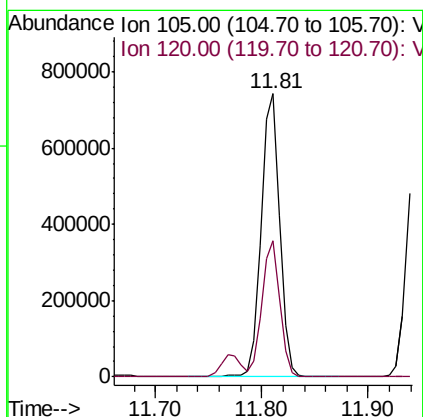
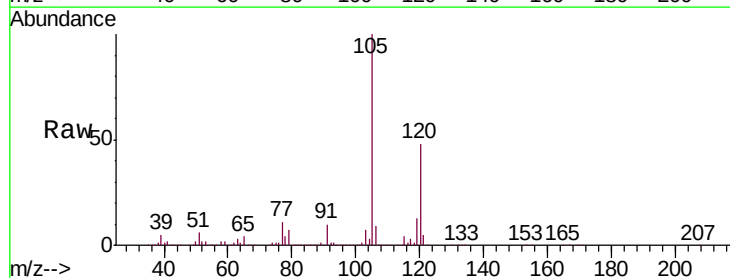
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

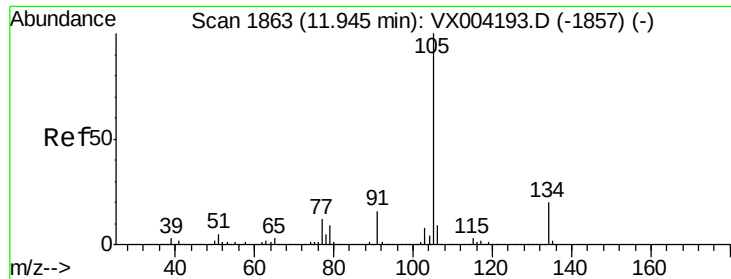
Tgt Ion:119 Resp: 859043  
 Ion Ratio Lower Upper  
 119 100  
 91 53.3 27.0 81.0  
 134 24.2 11.7 35.1



#84  
 1,2,4-Trimethylbenzene  
 Concen: 56.410 ug/l  
 RT: 11.81 min Scan# 1841  
 Delta R.T. -0.00 min  
 Lab File: VX004212.D  
 Acq: 22 Aug 2018 21:16

Tgt Ion:105 Resp: 905292  
 Ion Ratio Lower Upper  
 105 100  
 120 46.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 54.036 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA\_X

ClientSampleId :

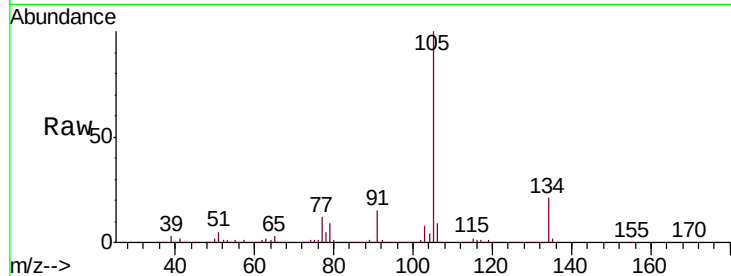
VSTDCCC050EC

Tgt Ion:105 Resp: 1009139

Ion Ratio Lower Upper

105 100

134 20.9 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

800000

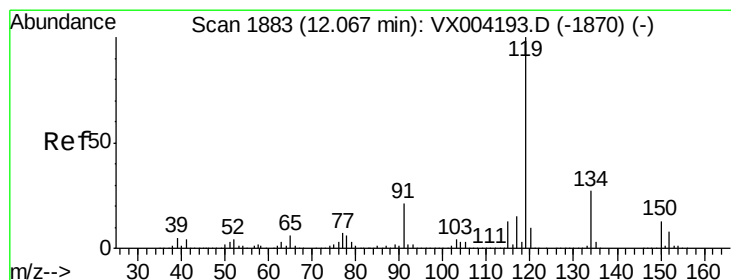
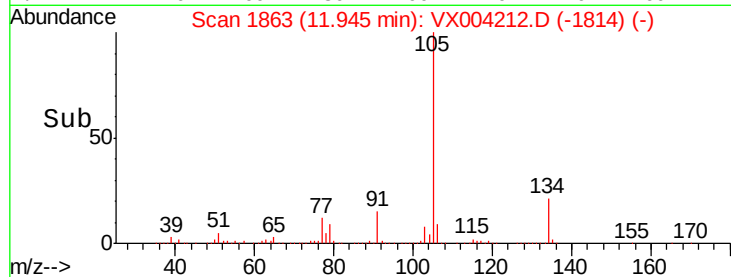
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 54.687 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

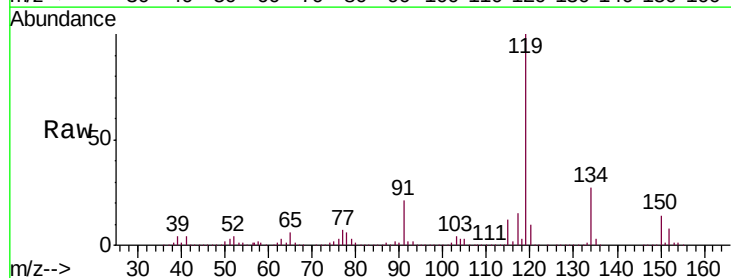
Tgt Ion:119 Resp: 915279

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 21.7 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

1000000

800000

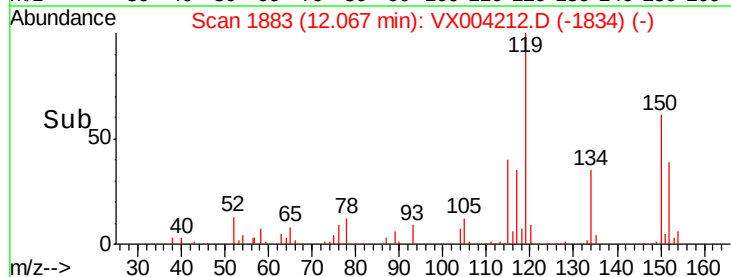
600000

400000

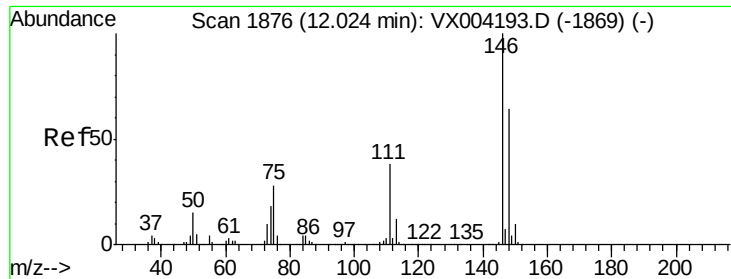
200000

0

Time-->



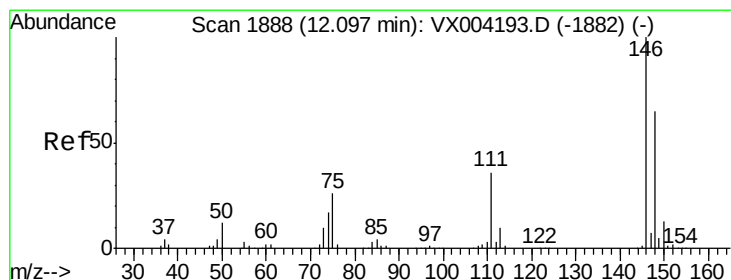
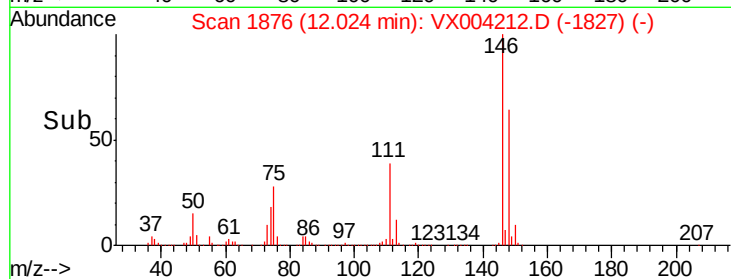
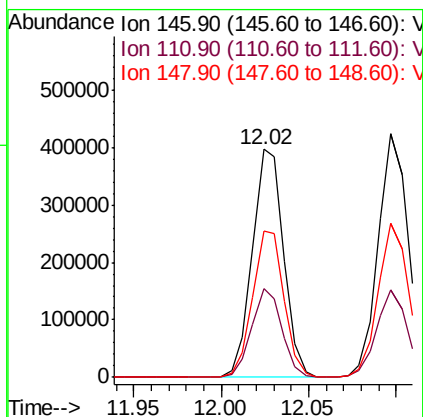
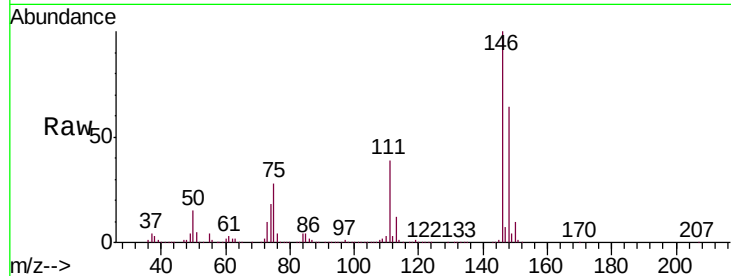




#87  
 1,3-Dichlorobenzene  
 Concen: 49.903 ug/l  
 RT: 12.02 min Scan# 1876  
 Delta R.T. -0.00 min  
 Lab File: VX004212.D  
 Acq: 22 Aug 2018 21:16

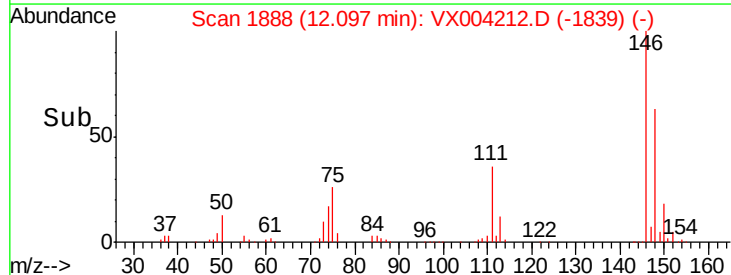
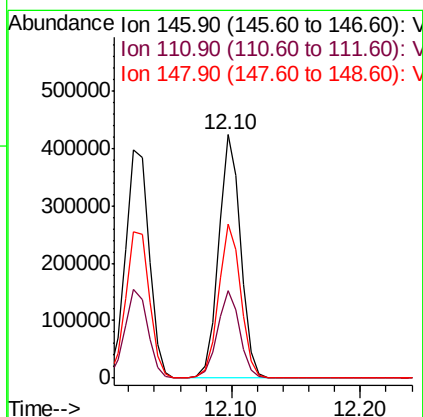
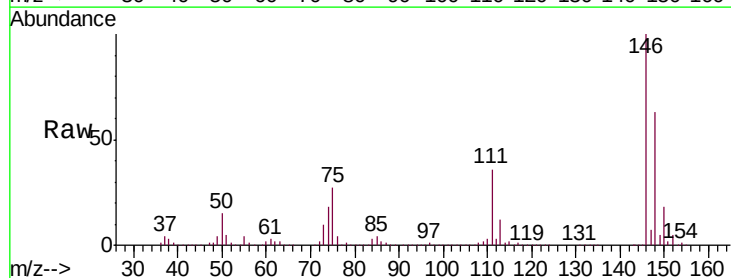
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

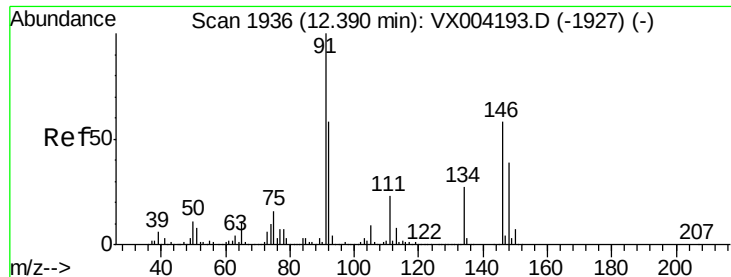
Tgt Ion:146 Resp: 497581  
 Ion Ratio Lower Upper  
 146 100  
 111 37.5 18.7 56.1  
 148 64.5 32.1 96.5



#88  
 1,4-Dichlorobenzene  
 Concen: 48.373 ug/l  
 RT: 12.10 min Scan# 1888  
 Delta R.T. -0.00 min  
 Lab File: VX004212.D  
 Acq: 22 Aug 2018 21:16

Tgt Ion:146 Resp: 508537  
 Ion Ratio Lower Upper  
 146 100  
 111 36.3 18.1 54.1  
 148 64.0 32.0 96.0

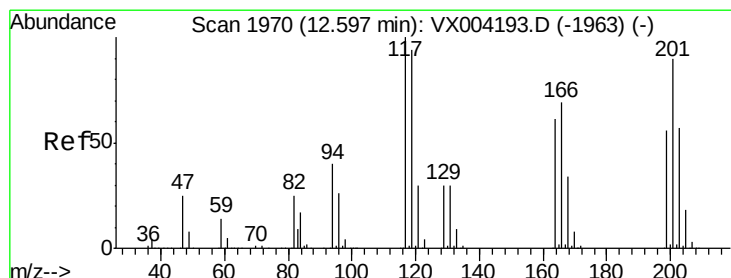
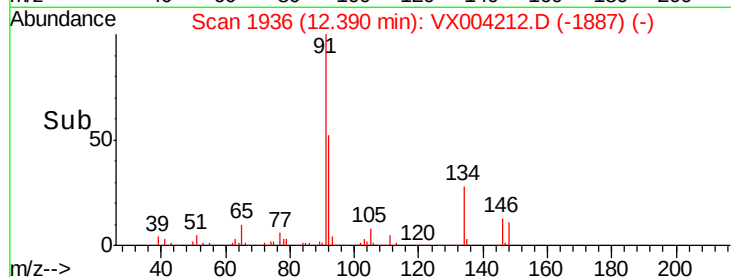
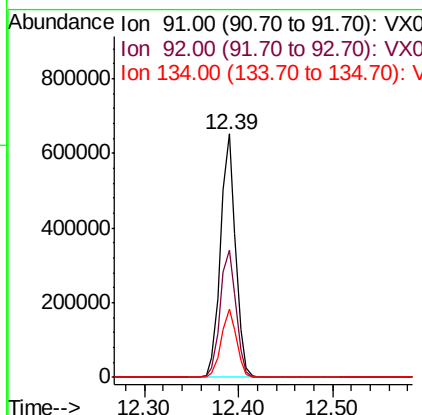
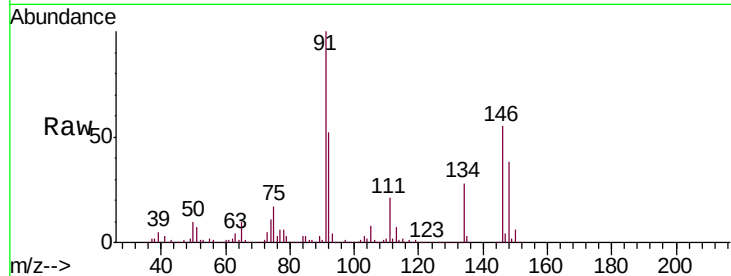




#89  
n-Butylbenzene  
Concen: 53.004 ug/l  
RT: 12.39 min Scan# 1936  
Delta R.T. -0.00 min  
Lab File: VX004212.D  
Acq: 22 Aug 2018 21:16

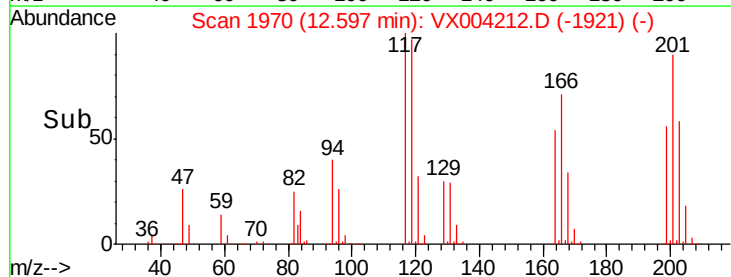
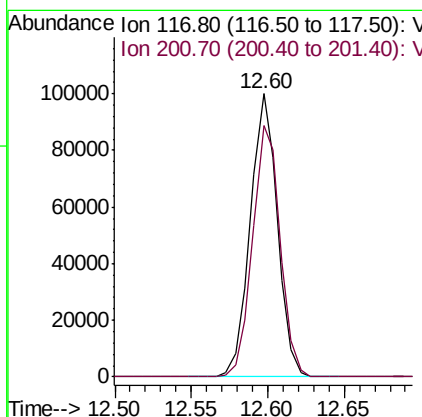
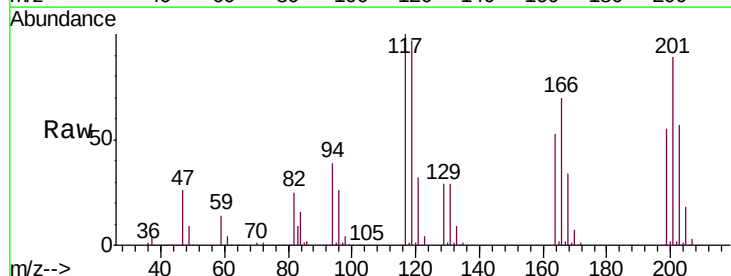
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

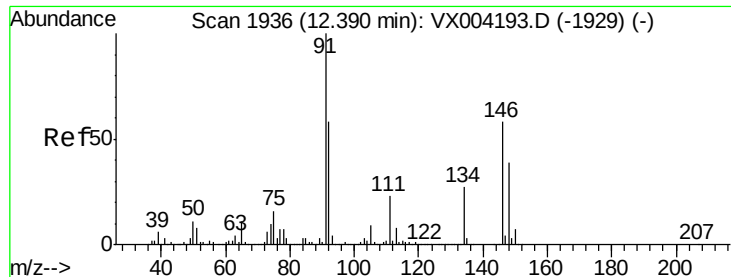
Tgt Ion: 91 Resp: 721352  
Ion Ratio Lower Upper  
91 100  
92 55.1 27.3 81.9  
134 28.4 13.6 40.7



#90  
Hexachloroethane  
Concen: 52.594 ug/l  
RT: 12.60 min Scan# 1970  
Delta R.T. -0.00 min  
Lab File: VX004212.D  
Acq: 22 Aug 2018 21:16

Tgt Ion: 117 Resp: 123031  
Ion Ratio Lower Upper  
117 100  
201 90.4 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 51.843 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

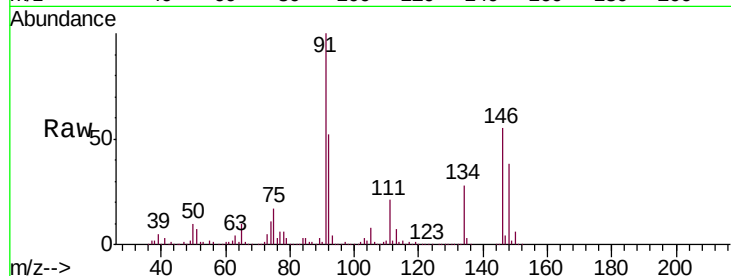
Tgt Ion:146 Resp: 472441

Ion Ratio Lower Upper

146 100

111 37.3 19.4 58.1

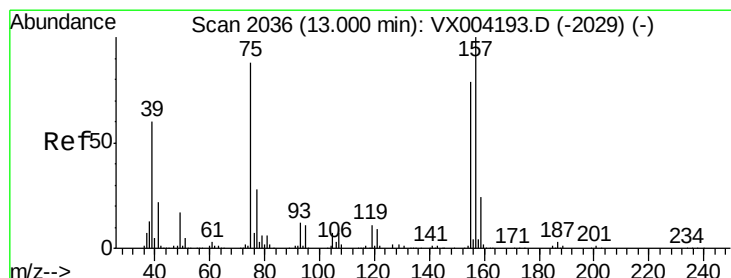
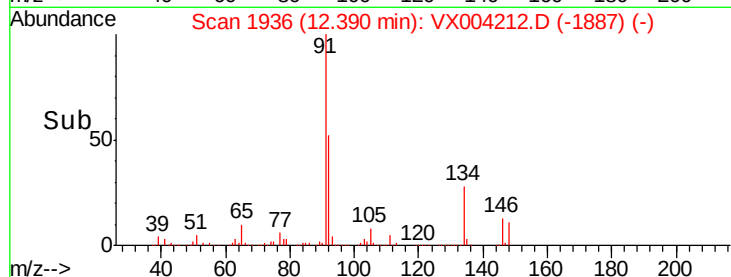
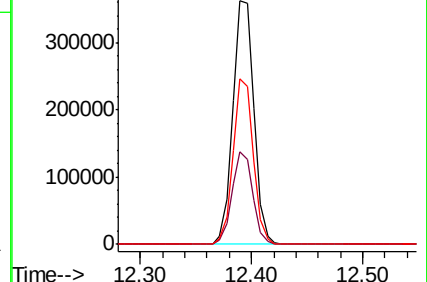
148 64.9 32.8 98.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.257 ug/l

RT: 13.00 min Scan# 2036

Delta R.T. -0.00 min

Lab File: VX004212.D

Acq: 22 Aug 2018 21:16

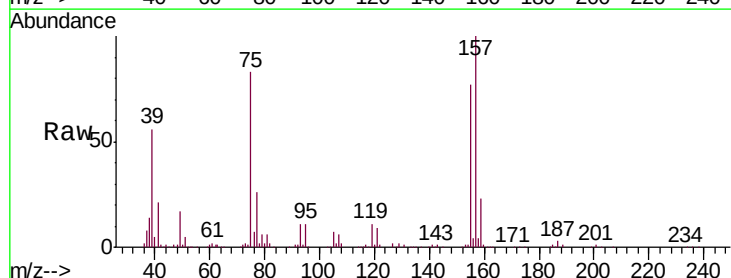
Tgt Ion: 75 Resp: 60810

Ion Ratio Lower Upper

75 100

155 99.0 48.0 144.2

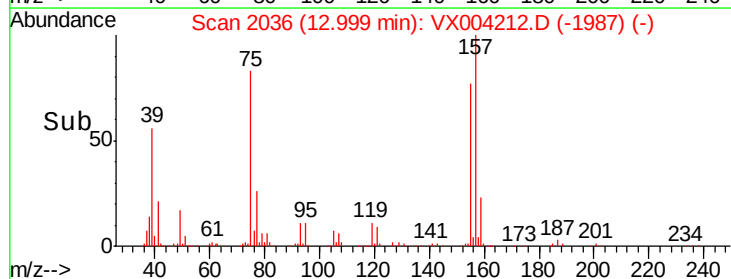
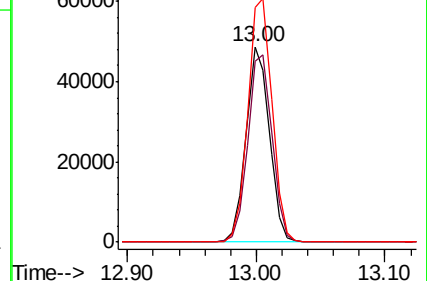
157 128.0 61.4 184.1

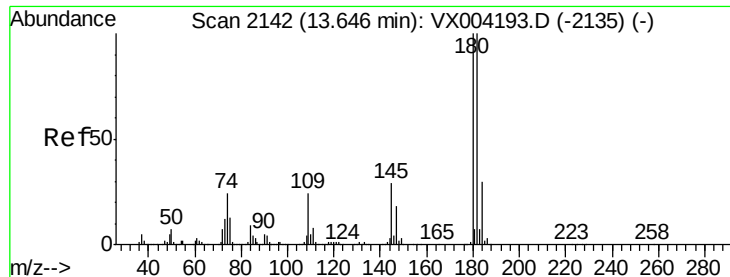


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

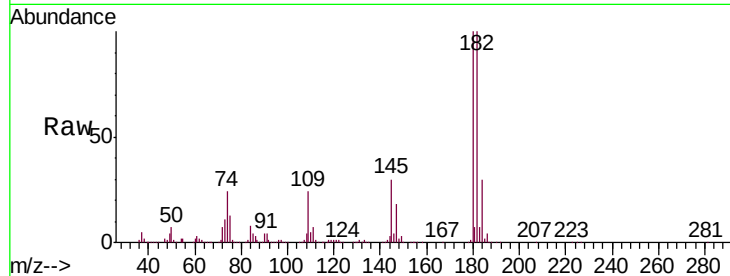




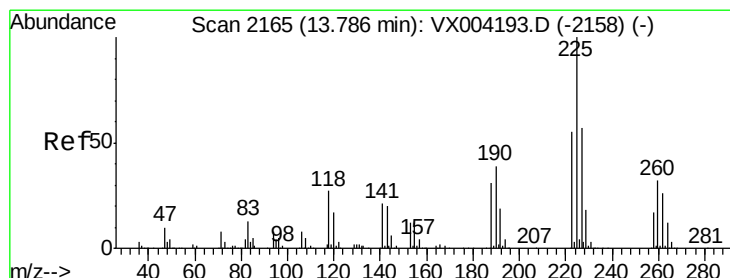
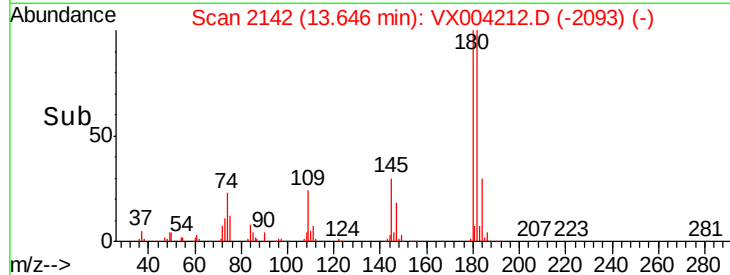
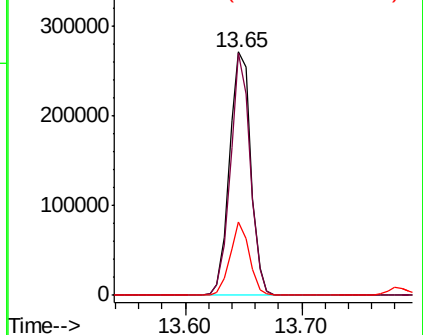
#93  
 1,2,4-Trichlorobenzene  
 Concen: 52.044 ug/l  
 RT: 13.65 min Scan# 2142  
 Delta R.T. -0.00 min  
 Lab File: VX004212.D  
 Acq: 22 Aug 2018 21:16

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 180     | 100   |       |       |
| 182     | 92.2  | 48.4  | 145.0 |
| 145     | 27.4  | 14.3  | 42.9  |

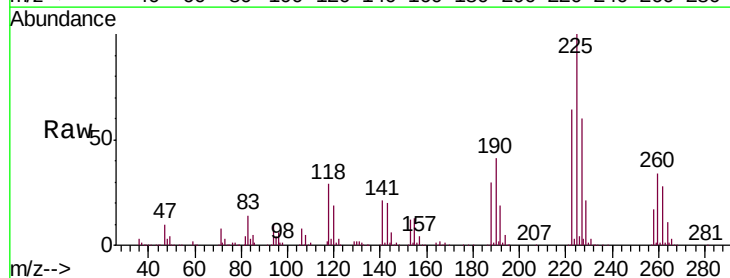


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

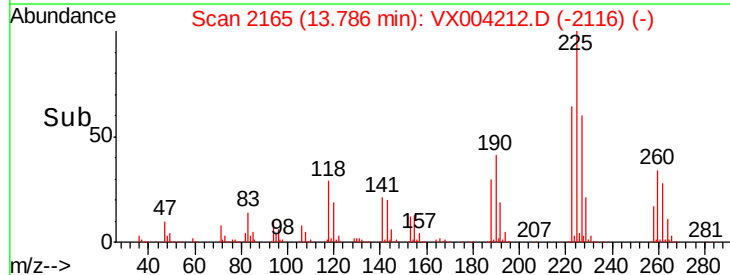
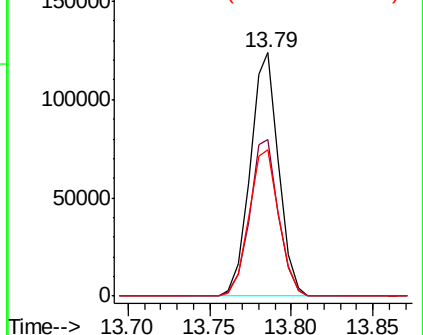


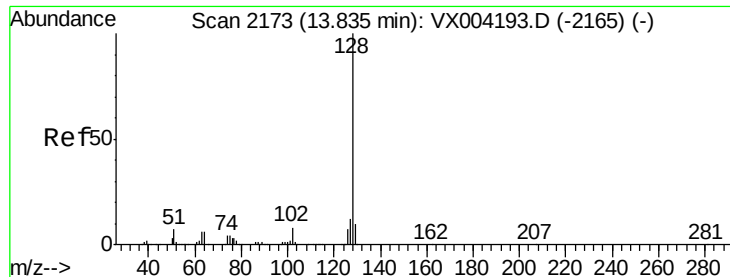
#94  
 Hexachlorobutadiene  
 Concen: 48.427 ug/l  
 RT: 13.79 min Scan# 2165  
 Delta R.T. -0.00 min  
 Lab File: VX004212.D  
 Acq: 22 Aug 2018 21:16

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 225     | 100   |       |       |
| 223     | 65.3  | 30.1  | 90.5  |
| 227     | 63.5  | 30.8  | 92.4  |



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

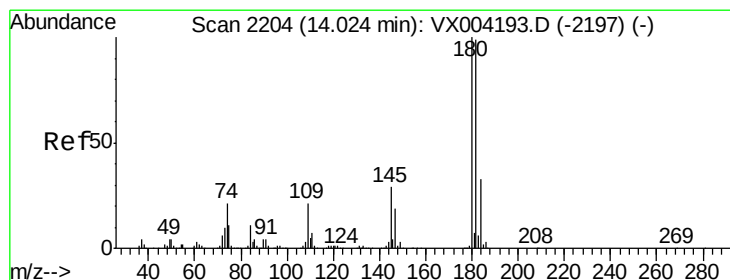
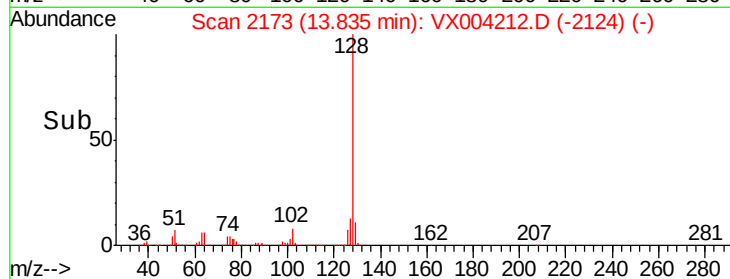
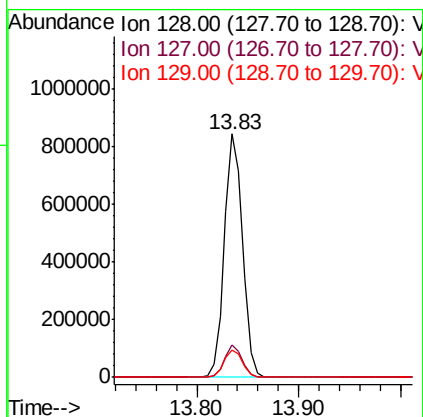
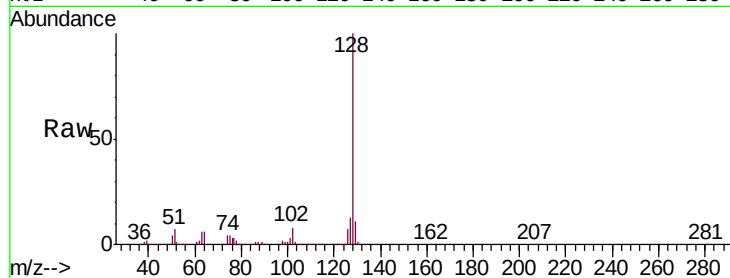




#95  
Naphthalene  
Concen: 55.534 ug/l  
RT: 13.83 min Scan# 2173  
Delta R.T. -0.00 min  
Lab File: VX004212.D  
Acq: 22 Aug 2018 21:16

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tgt Ion:128 Resp: 1041454  
Ion Ratio Lower Upper  
128 100  
127 12.7 10.2 15.2  
129 11.2 8.6 12.8



#96  
1,2,3-Trichlorobenzene  
Concen: 52.521 ug/l  
RT: 14.02 min Scan# 2204  
Delta R.T. -0.00 min  
Lab File: VX004212.D  
Acq: 22 Aug 2018 21:16

Tgt Ion:180 Resp: 368647  
Ion Ratio Lower Upper  
180 100  
182 95.2 48.5 145.6  
145 29.5 14.9 44.9

