

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX041219\  
 Data File : VX008923.D  
 Acq On : 13 Apr 2019 06:18  
 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Apr 26 04:28:04 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X040319W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 04 04:47:41 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.66  | 168  | 146802   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 247758   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 222548   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 104287   | 50.00 | ug/l  | 0.00     |

| System Monitoring Compounds | R.T.  | QIon | Response | Conc  | Units  | Dev(Min) |
|-----------------------------|-------|------|----------|-------|--------|----------|
| 33) 1,2-Dichloroethane-d4   | 6.06  | 65   | 103261   | 48.23 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 96.46% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 77801    | 49.11 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.22% |          |
| 50) Toluene-d8              | 8.71  | 98   | 301628   | 47.82 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.64% |          |
| 62) 4-Bromofluorobenzene    | 11.13 | 95   | 110056   | 49.20 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 98.40% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units | Qvalue |
|-------------------------------|------|------|----------|---------|-------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 91252    | 54.001  | ug/l  | 99     |
| 3) Chloromethane              | 1.32 | 50   | 115074   | 55.760  | ug/l  | 100    |
| 4) Vinyl Chloride             | 1.41 | 62   | 109550   | 47.957  | ug/l  | 98     |
| 5) Bromomethane               | 1.64 | 94   | 65278    | 57.708  | ug/l  | 98     |
| 6) Chloroethane               | 1.71 | 64   | 64727    | 52.005  | ug/l  | 98     |
| 7) Trichlorofluoromethane     | 1.92 | 101  | 123806   | 49.030  | ug/l  | 97     |
| 8) Diethyl Ether              | 2.19 | 74   | 58532    | 48.880  | ug/l  | 96     |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101  | 72806    | 44.783  | ug/l  | 96     |
| 10) Methyl Iodide             | 2.51 | 142  | 77906    | 52.406  | ug/l  | 99     |
| 11) Tert butyl alcohol        | 3.06 | 59   | 135329   | 269.967 | ug/l  | 100    |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 81657    | 48.114  | ug/l  | 99     |
| 13) Acrolein                  | 2.29 | 56   | 71201    | 286.453 | ug/l  | 98     |
| 14) Allyl chloride            | 2.73 | 41   | 180214   | 46.385  | ug/l  | 99     |
| 15) Acrylonitrile             | 3.14 | 53   | 327123   | 246.332 | ug/l  | 99     |
| 16) Acetone                   | 2.45 | 43   | 283180   | 229.618 | ug/l  | 98     |
| 17) Carbon Disulfide          | 2.57 | 76   | 235826   | 48.090  | ug/l  | 99     |
| 18) Methyl Acetate            | 2.78 | 43   | 146391   | 48.943  | ug/l  | 99     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73   | 316413   | 52.205  | ug/l  | 100    |
| 20) Methylene Chloride        | 2.85 | 84   | 96861    | 46.921  | ug/l  | 98     |
| 21) trans-1,2-Dichloroethene  | 3.17 | 96   | 85979    | 46.836  | ug/l  | 92     |
| 22) Diisopropyl ether         | 3.86 | 45   | 367066   | 49.018  | ug/l  | 99     |
| 23) Vinyl Acetate             | 3.82 | 43   | 1663608  | 255.373 | ug/l  | 100    |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 180499   | 48.684  | ug/l  | 99     |
| 25) 2-Butanone                | 4.68 | 43   | 488305   | 250.514 | ug/l  | 99     |
| 26) 2,2-Dichloropropane       | 4.58 | 77   | 81307    | 31.136  | ug/l  | 96     |
| 27) cis-1,2-Dichloroethene    | 4.60 | 96   | 101354   | 48.021  | ug/l  | 94     |
| 28) Bromochloromethane        | 5.02 | 49   | 82026    | 53.154  | ug/l  | 96     |
| 29) Tetrahydrofuran           | 5.13 | 42   | 323612   | 250.138 | ug/l  | 100    |
| 30) Chloroform                | 5.21 | 83   | 162469   | 49.062  | ug/l  | 100    |
| 31) Cyclohexane               | 5.58 | 56   | 166483   | 45.001  | ug/l  | 96     |
| 32) 1,1,1-Trichloroethane     | 5.50 | 97   | 135239   | 50.538  | ug/l  | 99     |
| 36) 1,1-Dichloropropene       | 5.80 | 75   | 123409   | 45.568  | ug/l  | 99     |
| 37) Ethyl Acetate             | 4.84 | 43   | 184988   | 51.173  | ug/l  | 99     |
| 38) Carbon Tetrachloride      | 5.79 | 117  | 112270   | 50.087  | ug/l  | 98     |

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 Operator : JC/SP  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 53 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Apr 26 04:28:04 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X040319W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Apr 04 04:47:41 2019  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc    | Units  | Dev(Min) |
|--------------------------------|-------|------|----------|---------|--------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 142968   | 42.734  | ug/l   | 99       |
| 40) Benzene                    | 6.14  | 78   | 392720   | 48.675  | ug/l   | 99       |
| 41) Methacrylonitrile          | 5.04  | 41   | 102581   | 49.368  | ug/l   | 100      |
| 42) 1,2-Dichloroethane         | 6.19  | 62   | 139759   | 48.319  | ug/l   | 99       |
| 43) Isopropyl Acetate          | 6.45  | 43   | 297454   | 52.528  | ug/l   | 100      |
| 44) Trichloroethene            | 7.21  | 130  | 91139    | 48.501  | ug/l   | 96       |
| 45) 1,2-Dichloropropane        | 7.51  | 63   | 110807   | 48.117  | ug/l   | 97       |
| 46) Dibromomethane             | 7.66  | 93   | 64381    | 48.203  | ug/l   | 97       |
| 47) Bromodichloromethane       | 7.90  | 83   | 127419   | 50.597  | ug/l   | 99       |
| 48) Methyl methacrylate        | 7.77  | 41   | 147813   | 51.601  | ug/l   | 98       |
| 49) 1,4-Dioxane                | 7.74  | 88   | 51715    | 963.739 | ug/l   | 99       |
| 51) 4-Methyl-2-Pentanone       | 8.64  | 43   | 943175   | 258.733 | ug/l   | 99       |
| 52) Toluene                    | 8.79  | 92   | 236482   | 49.716  | ug/l   | 99       |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 141315   | 50.095  | ug/l   | 99       |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 154458   | 47.919  | ug/l   | 99       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 95367    | 49.948  | ug/l   | 99       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 181615   | 52.572  | ug/l   | 99       |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 170657   | 49.776  | ug/l   | 100      |
| 58) 2-Chloroethyl Vinyl ether  | 8.31  | 63   | 457736   | 259.489 | ug/l   | 98       |
| 59) 2-Hexanone                 | 9.49  | 43   | 715968   | 252.726 | ug/l   | 100      |
| 60) Dibromochloromethane       | 9.58  | 129  | 96175    | 53.454  | ug/l   | 100      |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 100158   | 50.389  | ug/l   | 99       |
| 64) Tetrachloroethene          | 9.33  | 164  | 83835    | 50.845  | ug/l   | 99       |
| 65) Chlorobenzene              | 10.14 | 112  | 240008   | 48.652  | ug/l   | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 88194    | 50.960  | ug/l   | 99       |
| 67) Ethyl Benzene              | 10.25 | 91   | 440896   | 47.930  | ug/l   | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 321209   | 97.117  | ug/l   | 98       |
| 69) o-Xylene                   | 10.70 | 106  | 156206   | 48.734  | ug/l   | 99       |
| 70) Styrene                    | 10.71 | 104  | 276123   | 49.976  | ug/l   | 100      |
| 71) Bromoform                  | 10.85 | 173  | 72314    | 54.709  | ug/l # | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 414492   | 47.959  | ug/l   | 100      |
| 74) N-amyl acetate             | 10.90 | 43   | 257581   | 50.657  | ug/l   | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 153638   | 46.742  | ug/l   | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 180270   | 62.924  | ug/l   | 78       |
| 77) Bromobenzene               | 11.26 | 156  | 103797   | 49.958  | ug/l   | 97       |
| 78) n-propylbenzene            | 11.36 | 91   | 469833   | 46.688  | ug/l   | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 285547   | 46.890  | ug/l   | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 344886   | 47.540  | ug/l   | 98       |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 47571    | 45.772  | ug/l   | 97       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 323005   | 45.822  | ug/l   | 98       |
| 83) tert-Butylbenzene          | 11.77 | 119  | 329913   | 47.268  | ug/l   | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 351366   | 47.832  | ug/l   | 100      |
| 85) sec-Butylbenzene           | 11.94 | 105  | 393254   | 47.434  | ug/l   | 99       |
| 86) p-Isopropyltoluene         | 12.06 | 119  | 353785   | 47.545  | ug/l   | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 176060   | 47.334  | ug/l   | 99       |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 174801   | 46.410  | ug/l   | 99       |
| 89) n-Butylbenzene             | 12.38 | 91   | 313997   | 44.996  | ug/l   | 99       |
| 90) Hexachloroethane           | 12.60 | 117  | 62662    | 50.772  | ug/l   | 95       |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 177431   | 48.045  | ug/l   | 99       |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 35408    | 48.970  | ug/l   | 96       |

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Acq On : 13 Apr 2019 06:18  
Operator : JC/SP  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 53 Sample Multiplier: 1

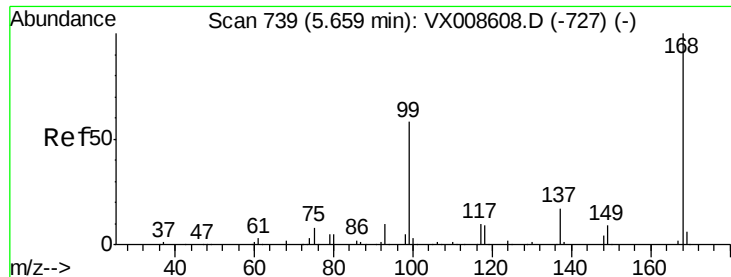
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Apr 26 04:28:04 2019  
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X040319W.M  
Quant Title : SW846 8260  
QLast Update : Thu Apr 04 04:47:41 2019  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 123221   | 47.988 | ug/l  | 99       |
| 94) Hexachlorobutadiene    | 13.78 | 225  | 58075    | 47.160 | ug/l  | 99       |
| 95) Naphthalene            | 13.83 | 128  | 429042   | 49.994 | ug/l  | 99       |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 126614   | 49.353 | ug/l  | 98       |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

Instrument :

MSVOA\_X

ClientSampleId :

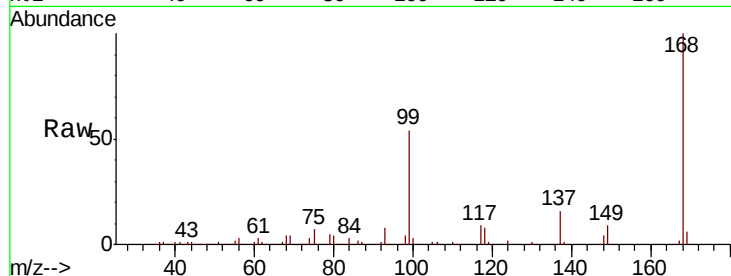
VSTDCCC050EC

Tot Ion:168 Resp: 146802

Ion Ratio Lower Upper

168 100

99 54.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

60000

50000

40000

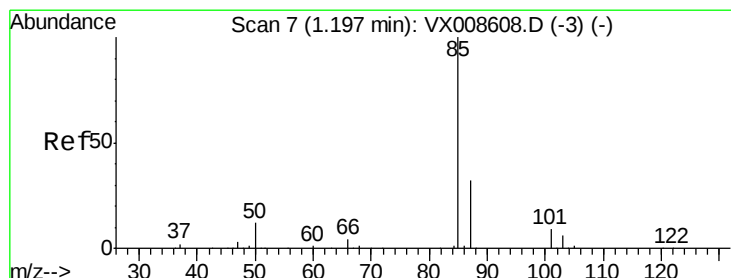
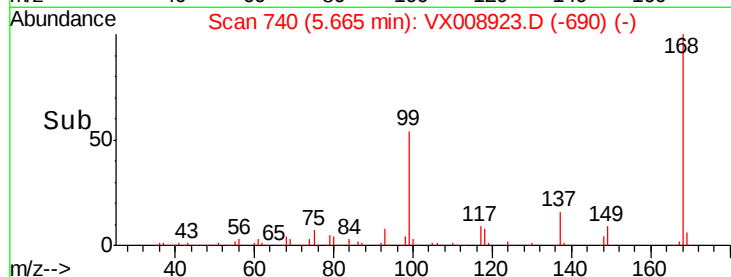
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 54.001 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX008923.D

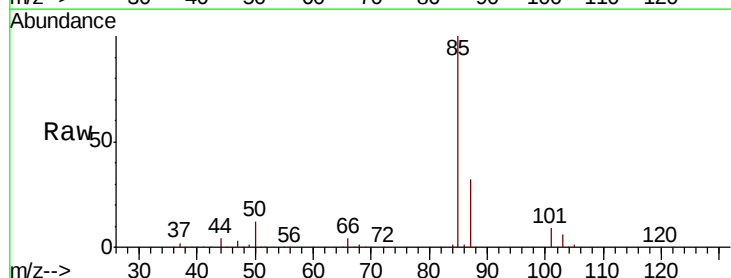
Acq: 13 Apr 2019 06:18

Tgt Ion: 85 Resp: 91252

Ion Ratio Lower Upper

85 100

87 32.3 15.8 47.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

100000

80000

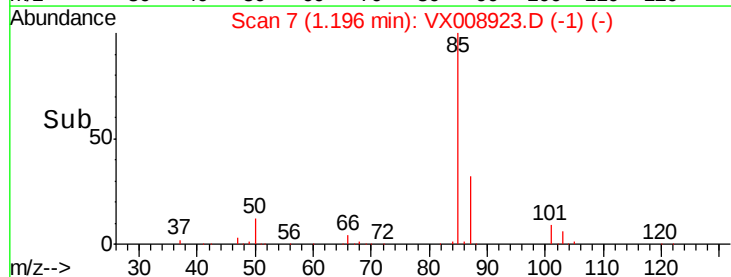
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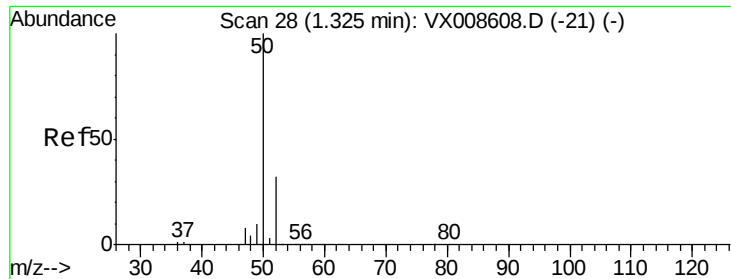
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 55.760 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

Instrument :

MSVOA\_X

ClientSampleId :

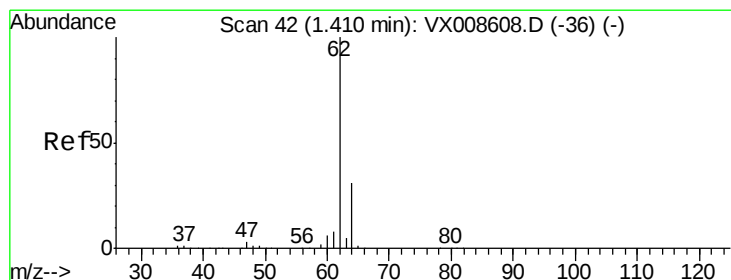
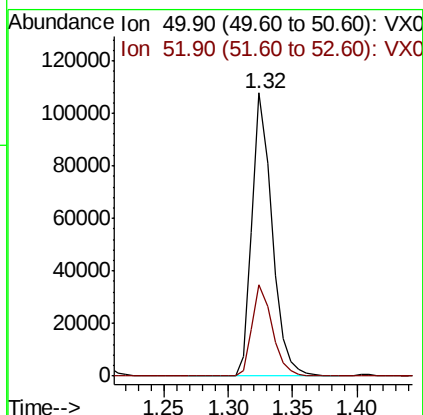
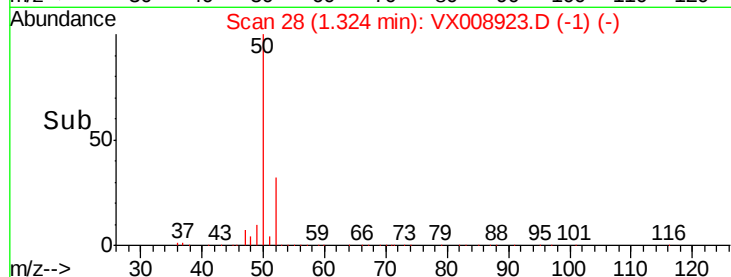
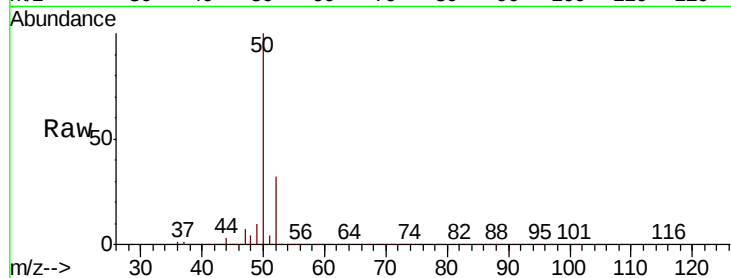
VSTDCCC050EC

Tot Ion: 50 Resp: 115074

Ion Ratio Lower Upper

50 100

52 32.4 25.8 38.8



#4

Vinyl Chloride

Concen: 47.957 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX008923.D

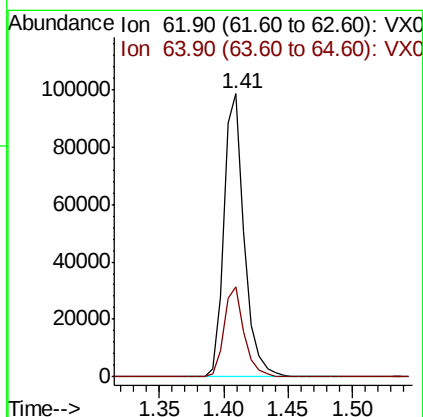
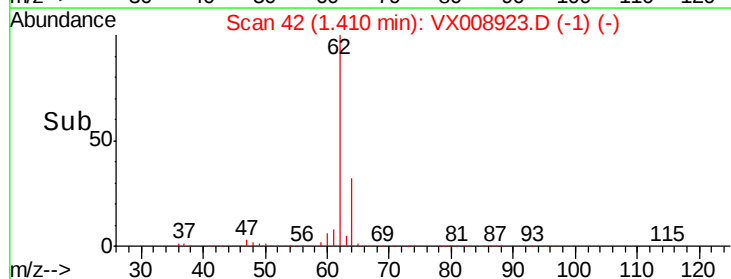
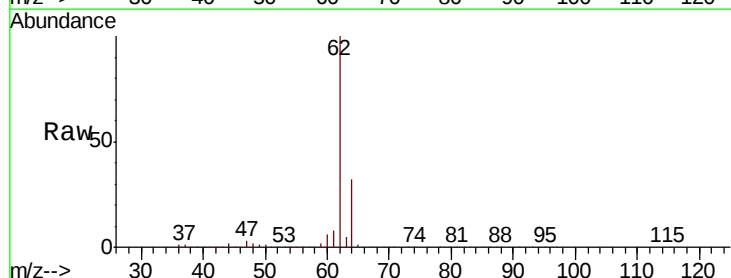
Acq: 13 Apr 2019 06:18

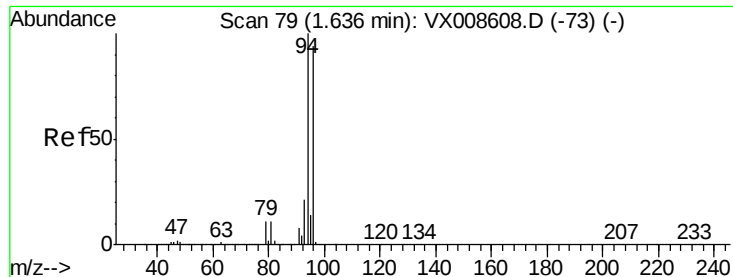
Tgt Ion: 62 Resp: 109550

Ion Ratio Lower Upper

62 100

64 31.9 24.7 37.1





#5

Bromomethane

Concen: 57.708 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

Instrument :

MSVOA\_X

ClientSampleId :

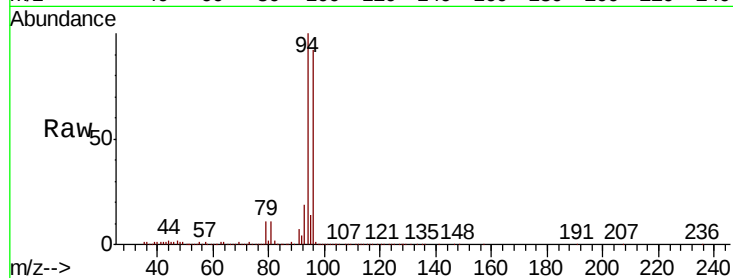
VSTDCCC050EC

Tot Ion: 94 Resp: 65278

Ion Ratio Lower Upper

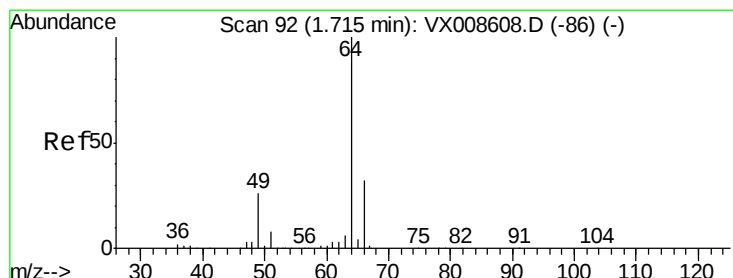
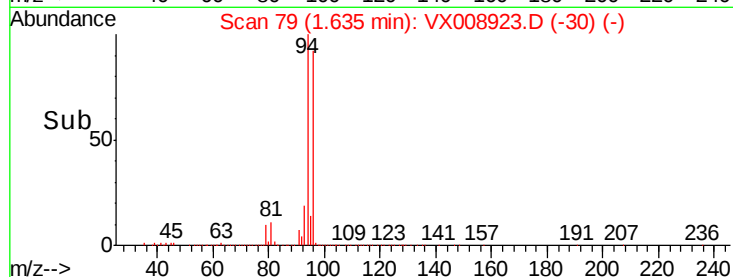
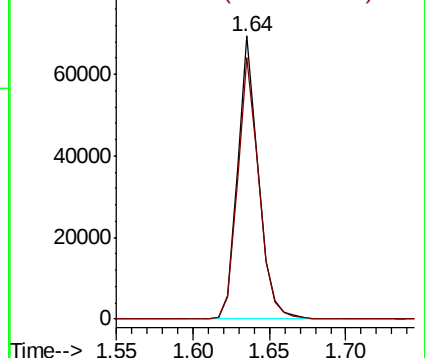
94 100

96 92.4 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.005 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX008923.D

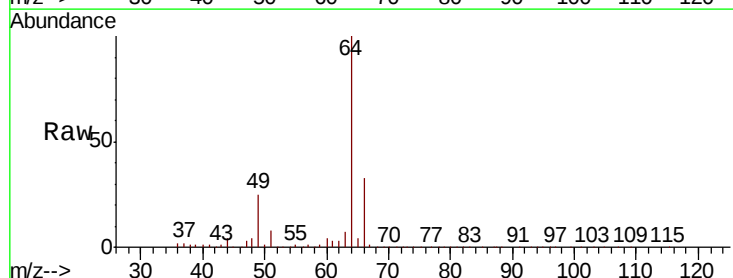
Acq: 13 Apr 2019 06:18

Tgt Ion: 64 Resp: 64727

Ion Ratio Lower Upper

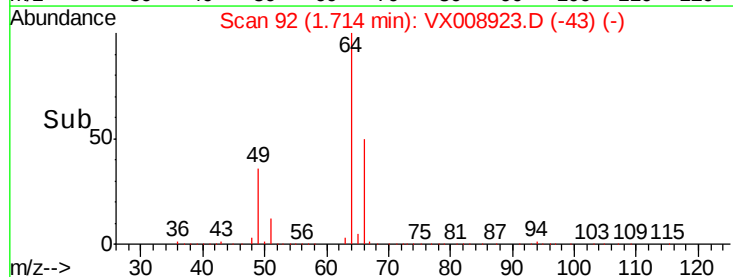
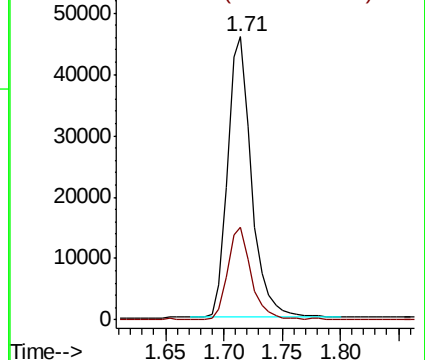
64 100

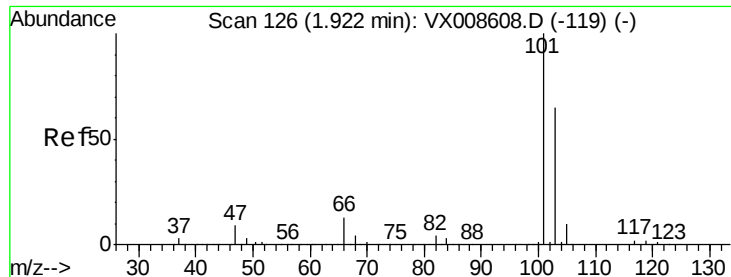
66 32.9 25.4 38.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 49.030 ug/l

RT: 1.92 min Scan# 126

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

Instrument :

MSVOA\_X

ClientSampleId :

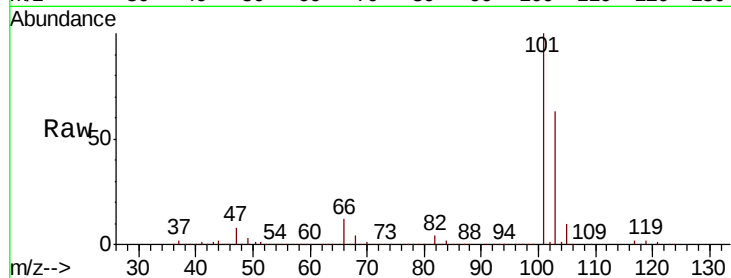
VSTDCCC050EC

Tot Ion:101 Resp: 123806

Ion Ratio Lower Upper

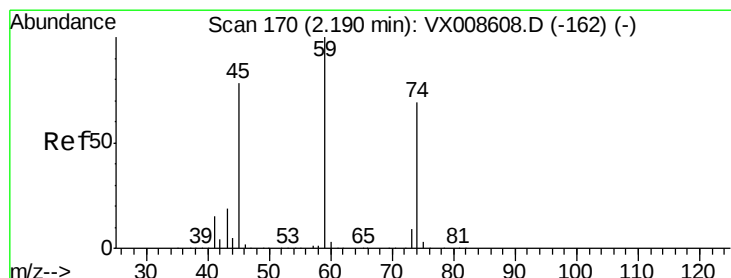
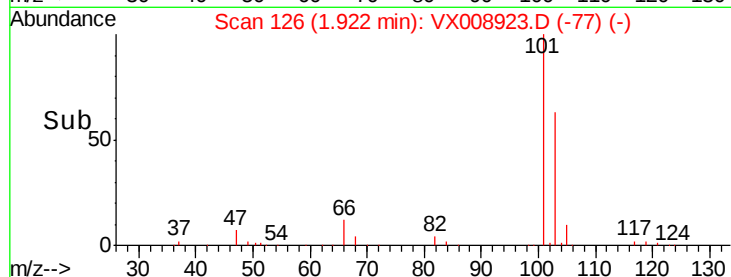
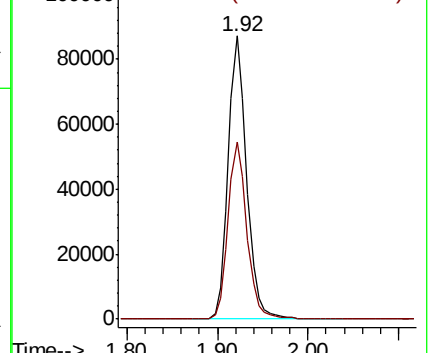
101 100

103 62.7 52.3 78.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 48.880 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX008923.D

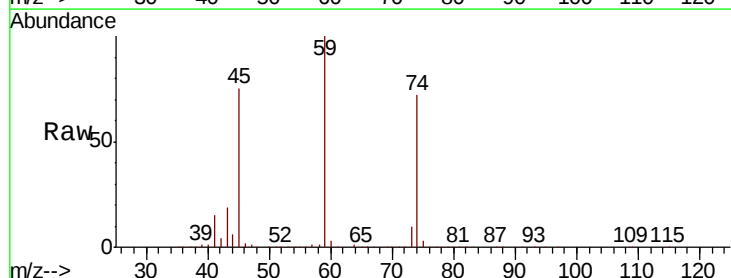
Acq: 13 Apr 2019 06:18

Tgt Ion: 74 Resp: 58532

Ion Ratio Lower Upper

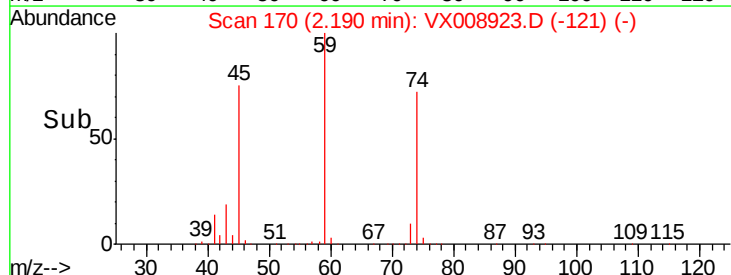
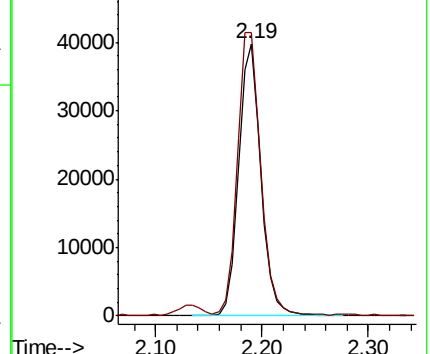
74 100

45 108.3 56.5 169.5



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.783 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

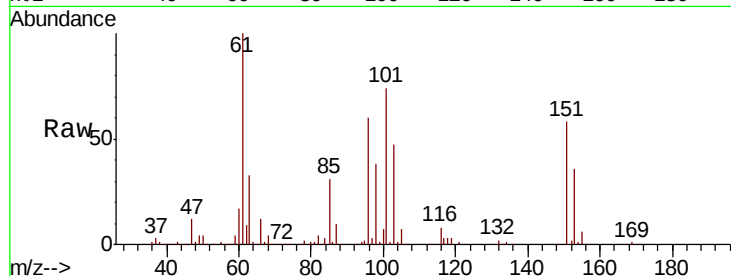
Tot Ion:101 Resp: 72806

Ion Ratio Lower Upper

101 100

85 44.0 36.0 54.0

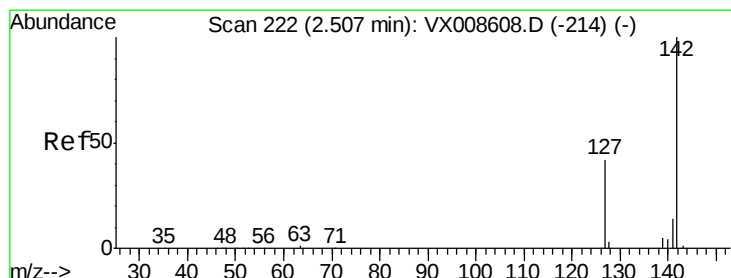
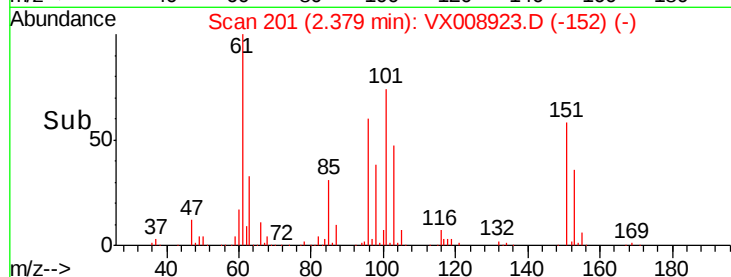
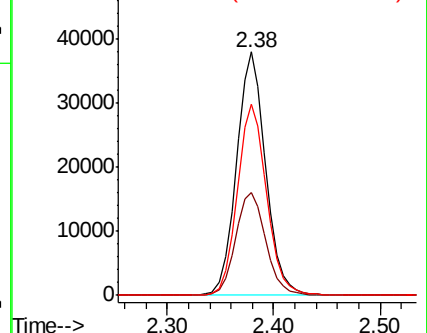
151 79.1 59.9 89.9



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: 52.406 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

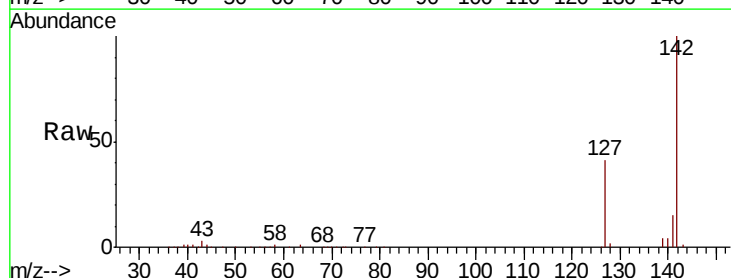
Tgt Ion:142 Resp: 77906

Ion Ratio Lower Upper

142 100

127 40.2 33.0 49.6

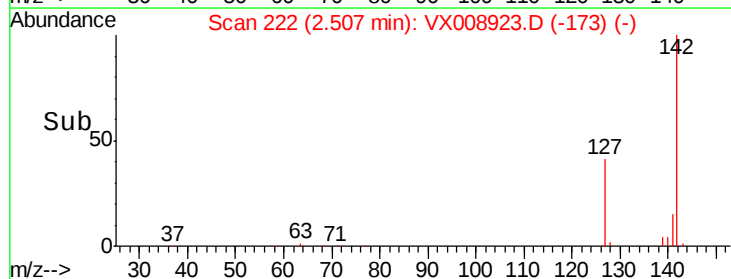
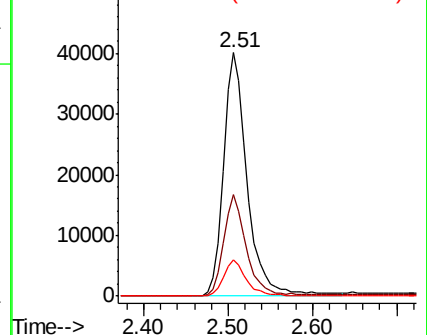
141 14.1 11.4 17.2

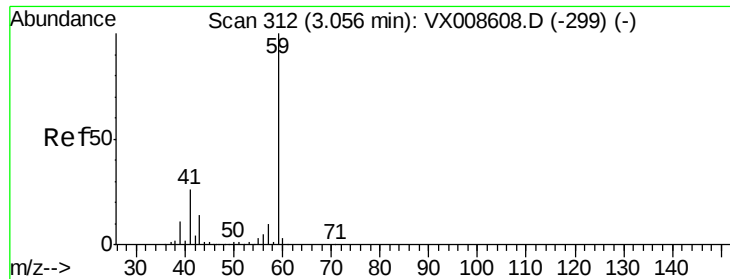


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

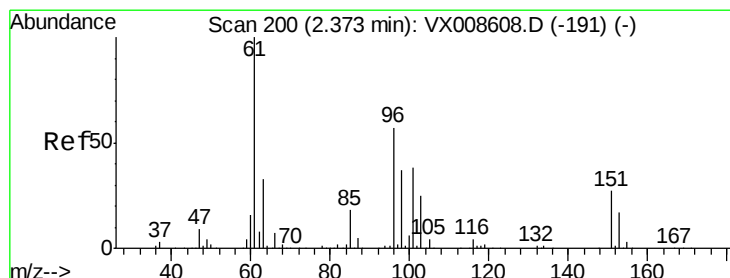
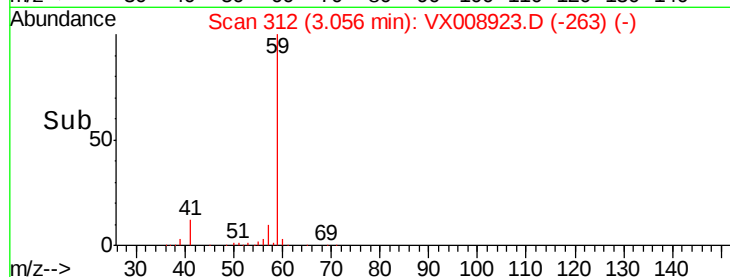
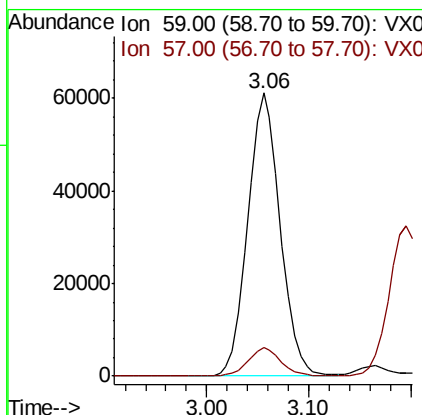
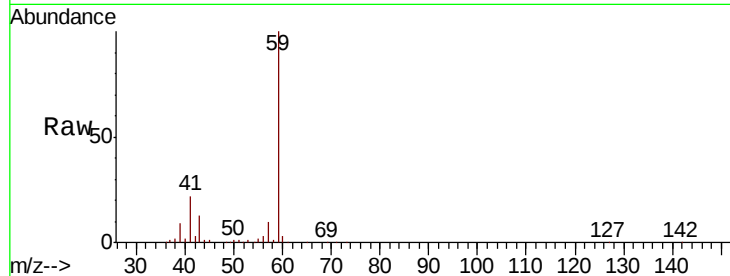




#11  
Tert butyl alcohol  
Concen: 269.967 ug/l  
RT: 3.06 min Scan# 312  
Delta R.T. -0.00 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

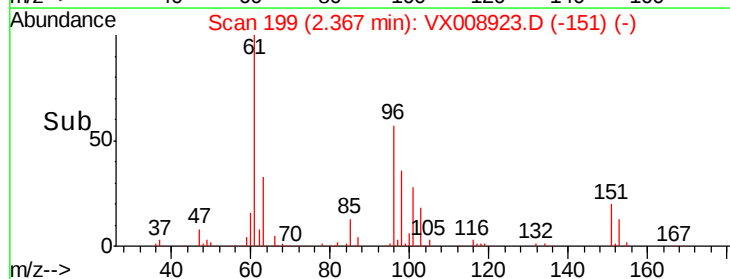
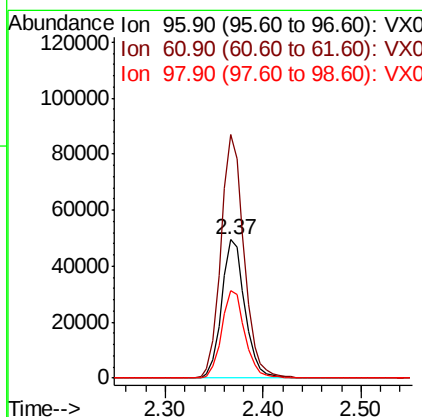
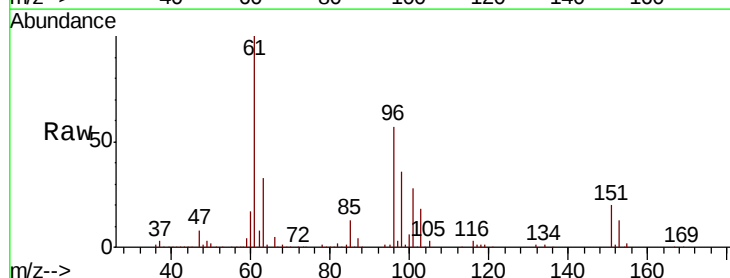
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

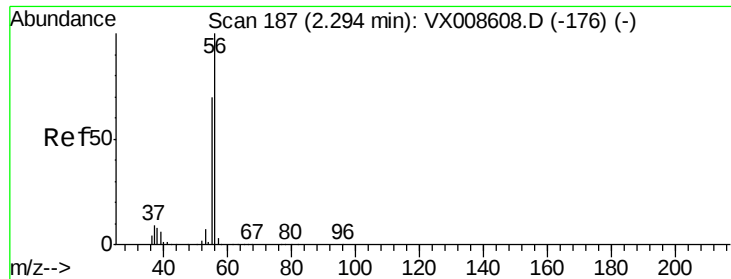
Tot Ion: 59 Resp: 135329  
Ion Ratio Lower Upper  
59 100  
57 10.4 8.3 12.5



#12  
1,1-Dichloroethene  
Concen: 48.114 ug/l  
RT: 2.37 min Scan# 199  
Delta R.T. -0.01 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

Tgt Ion: 96 Resp: 81657  
Ion Ratio Lower Upper  
96 100  
61 175.7 140.9 211.3  
98 63.3 52.1 78.1





#13

Acrolein

Concen: 286.453 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

Instrument :

MSVOA\_X

ClientSampleId :

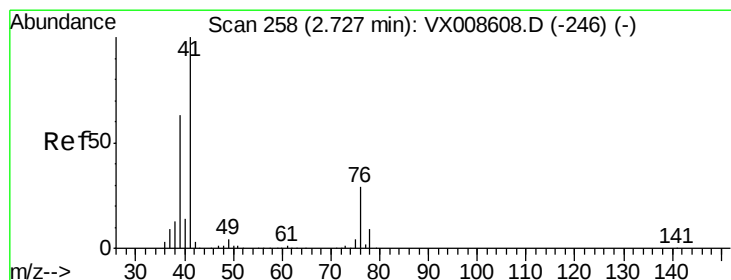
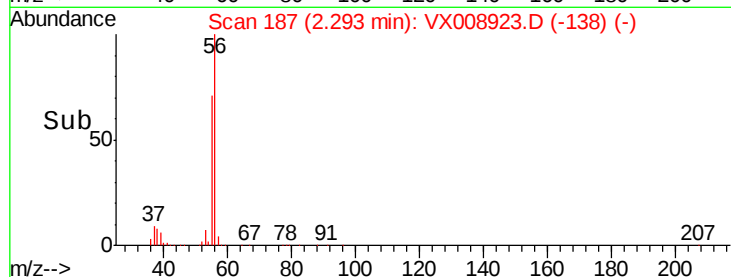
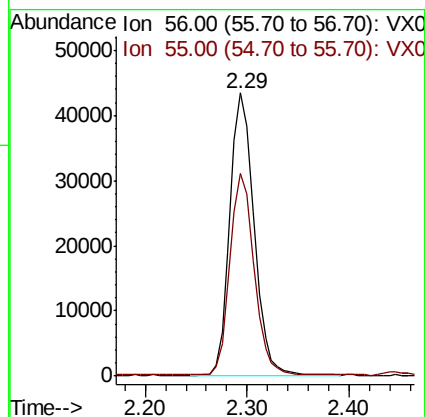
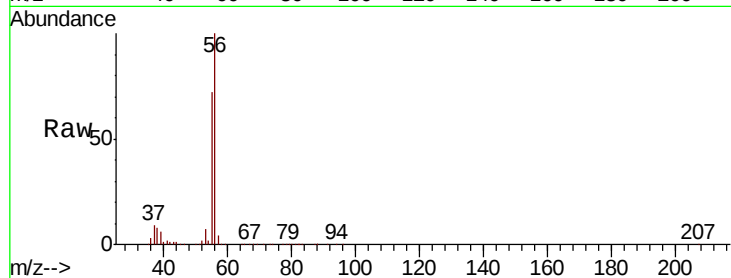
VSTDCCC050EC

Tot Ion: 56 Resp: 71201

Ion Ratio Lower Upper

56 100

55 71.0 58.0 87.0



#14

Allyl chloride

Concen: 46.385 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

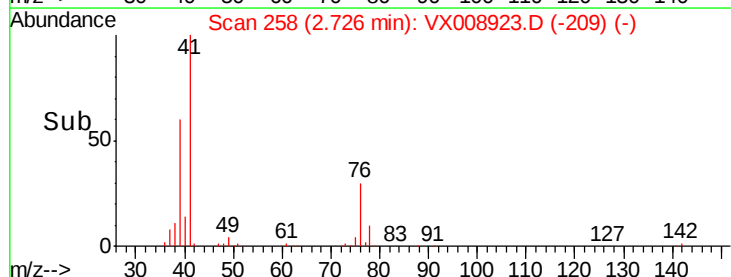
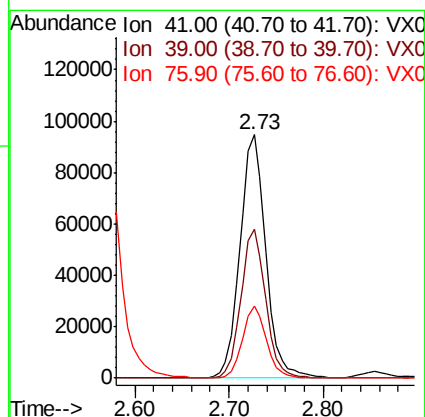
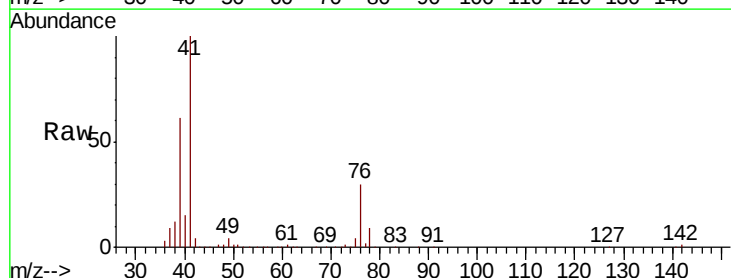
Tgt Ion: 41 Resp: 180214

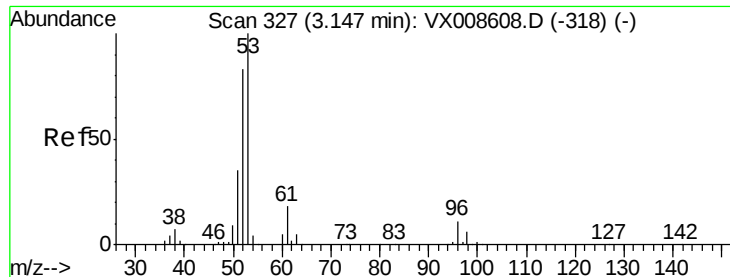
Ion Ratio Lower Upper

41 100

39 58.5 48.0 72.0

76 27.6 22.0 33.0





#15

Acrylonitrile

Concen: 246.332 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

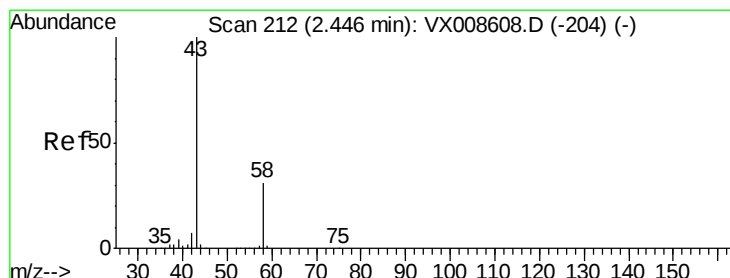
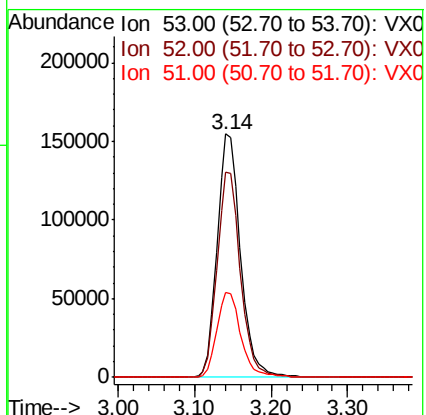
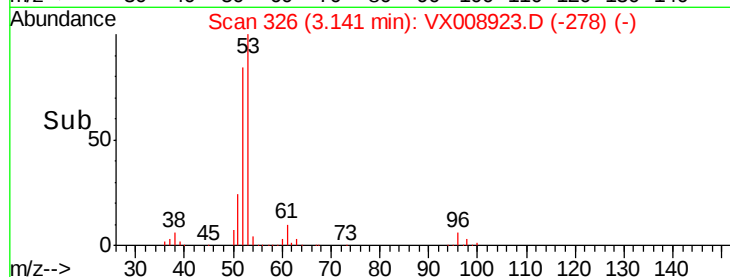
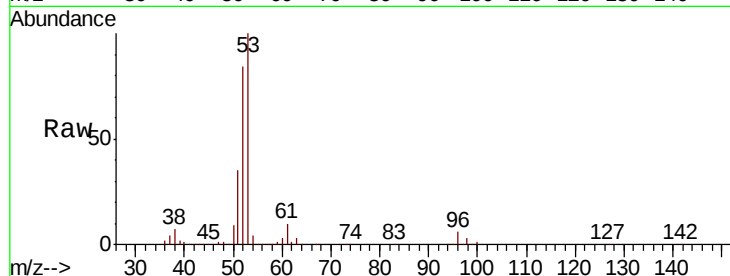
Tot Ion: 53 Resp: 327123

Ion Ratio Lower Upper

53 100

52 83.7 66.5 99.7

51 35.6 28.6 42.8



#16

Acetone

Concen: 229.618 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008923.D

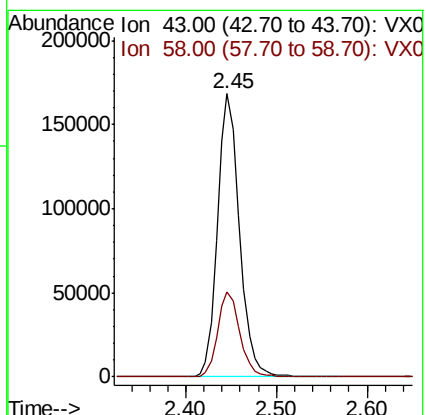
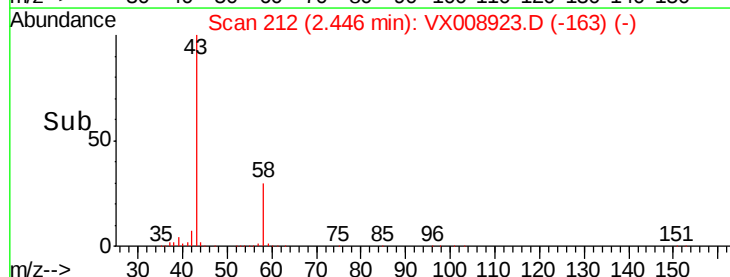
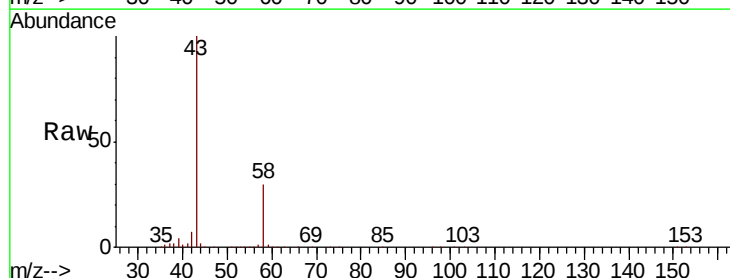
Acq: 13 Apr 2019 06:18

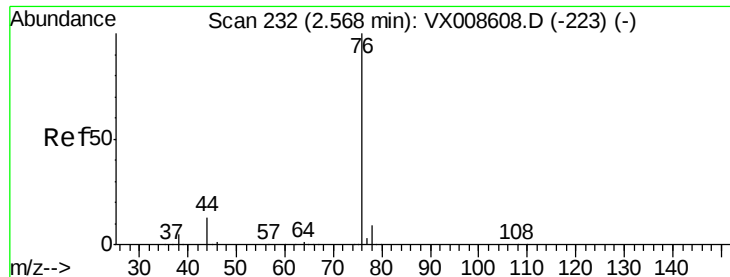
Tgt Ion: 43 Resp: 283180

Ion Ratio Lower Upper

43 100

58 30.0 24.8 37.2

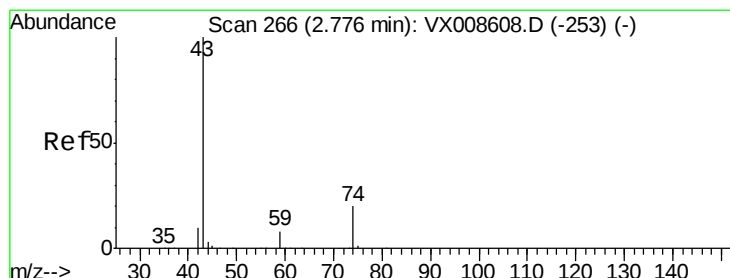
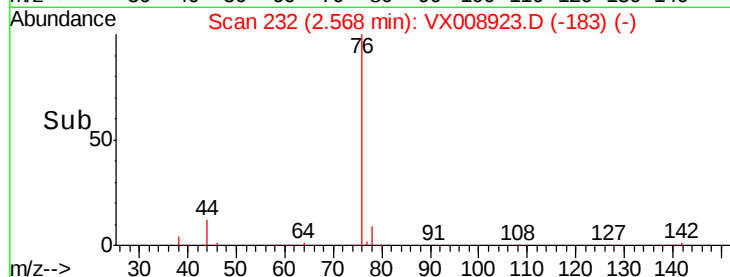
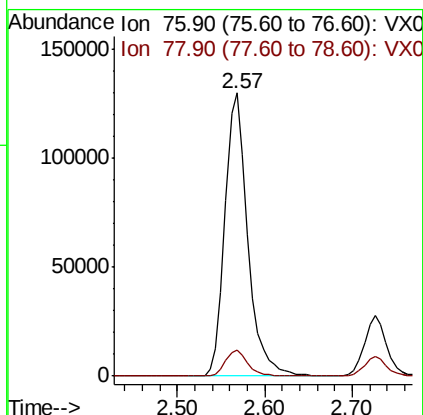
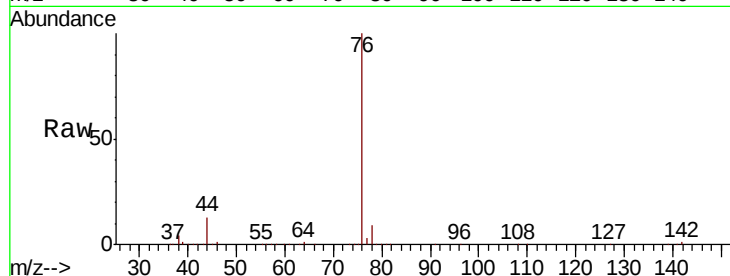




#17  
Carbon Disulfide  
Concen: 48.090 ug/l  
RT: 2.57 min Scan# 232  
Delta R.T. -0.00 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

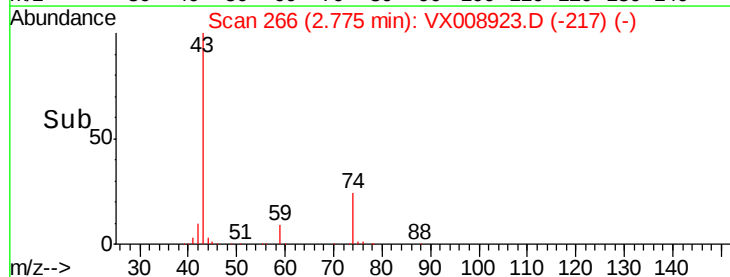
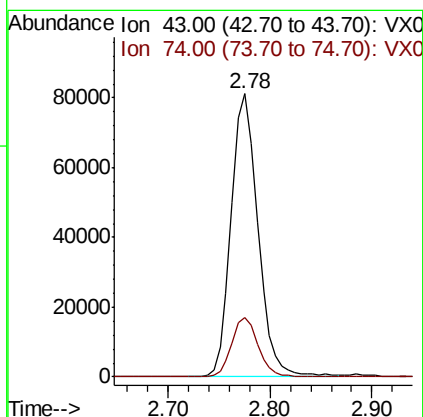
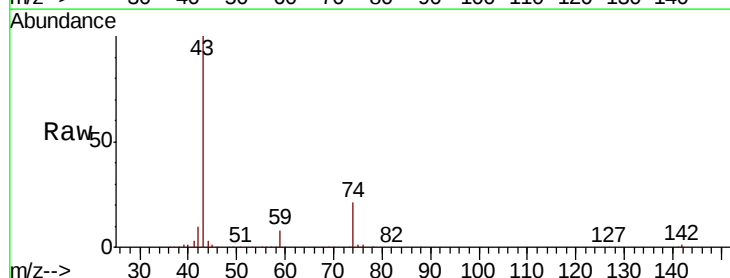
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

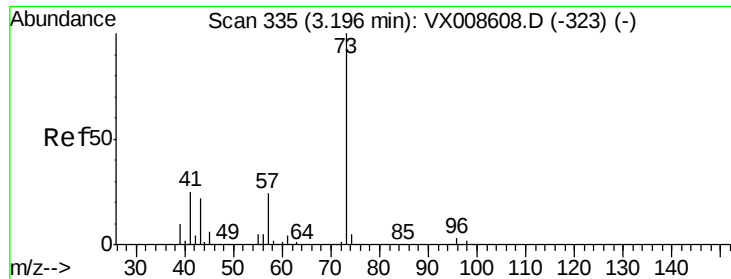
Tot Ion: 76 Resp: 235826  
Ion Ratio Lower Upper  
76 100  
78 9.4 7.1 10.7



#18  
Methyl Acetate  
Concen: 48.943 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. -0.00 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

Tgt Ion: 43 Resp: 146391  
Ion Ratio Lower Upper  
43 100  
74 21.2 16.5 24.7

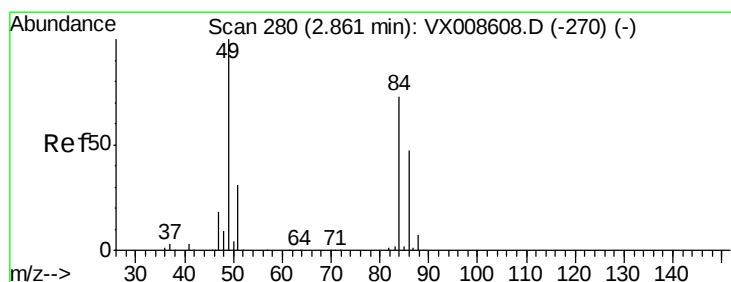
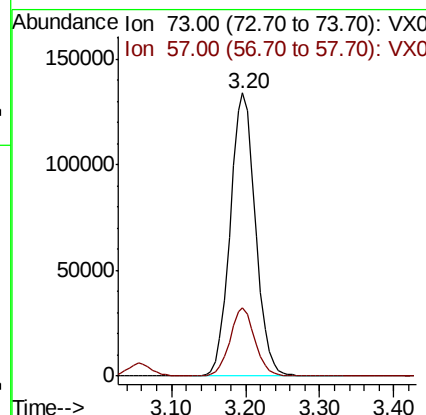
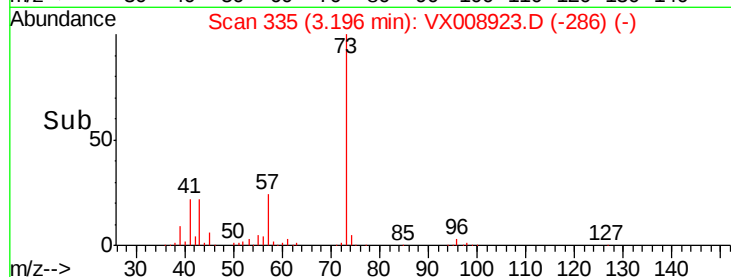
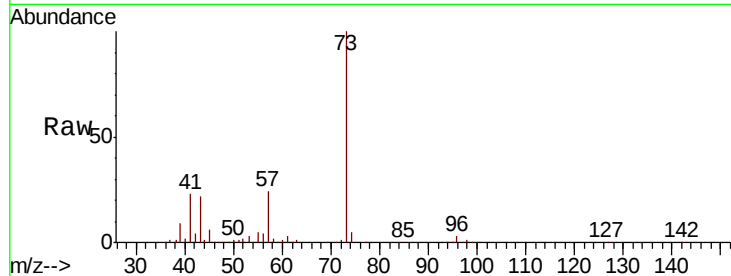




#19  
Methyl tert-butyl Ether  
Concen: 52.205 ug/l  
RT: 3.20 min Scan# 335  
Delta R.T. -0.00 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

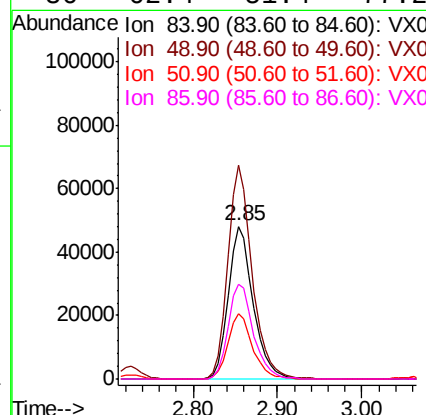
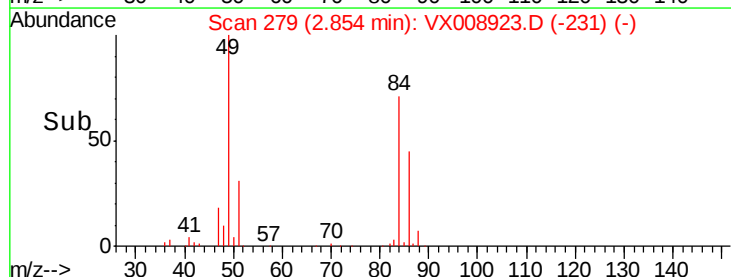
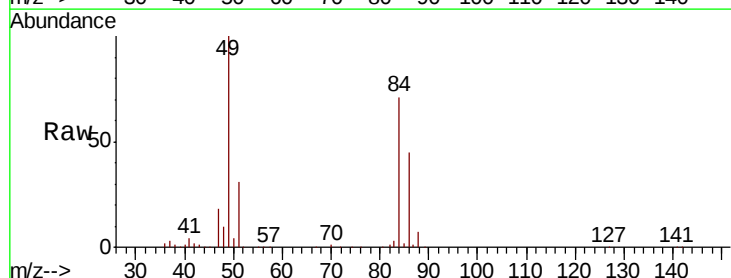
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

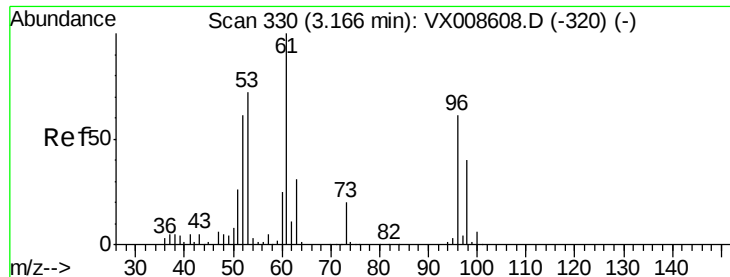
Tot Ion: 73 Resp: 316413  
Ion Ratio Lower Upper  
73 100  
57 24.2 19.5 29.3



#20  
Methylene Chloride  
Concen: 46.921 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. -0.01 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

Tgt Ion: 84 Resp: 96861  
Ion Ratio Lower Upper  
84 100  
49 140.0 109.7 164.5  
51 42.9 33.6 50.4  
86 62.4 51.4 77.2





#21

trans-1,2-Dichloroethene

Concen: 46.836 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

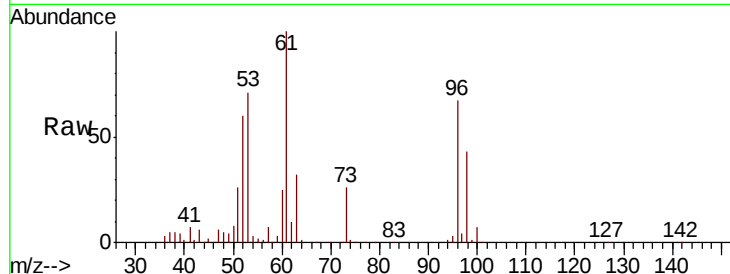
Tot Ion: 96 Resp: 85979

Ion Ratio Lower Upper

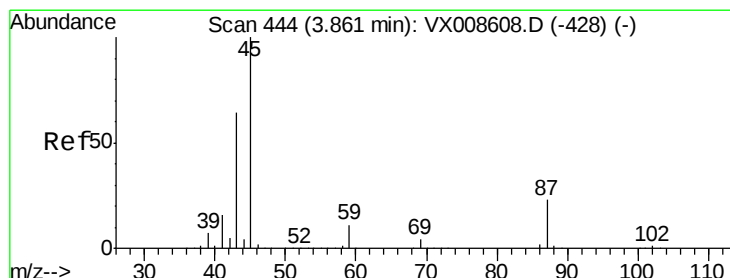
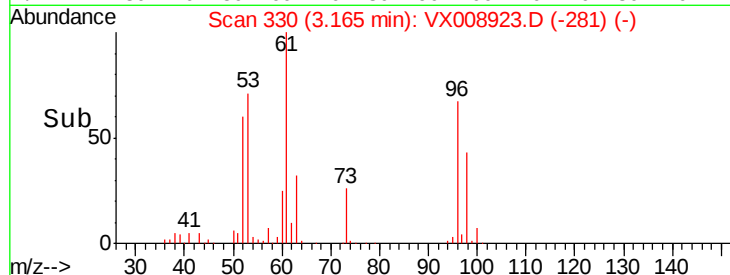
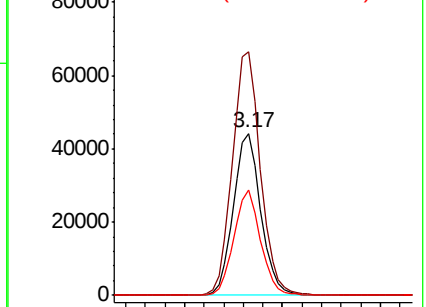
96 100

61 150.4 132.1 198.1

98 65.1 52.2 78.2



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



#22

Diisopropyl ether

Concen: 49.018 ug/l

RT: 3.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

Tgt Ion: 45 Resp: 367066

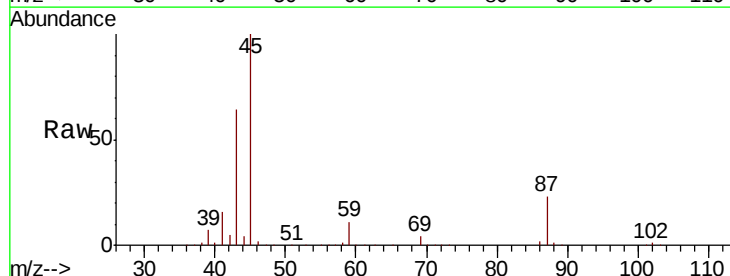
Ion Ratio Lower Upper

45 100

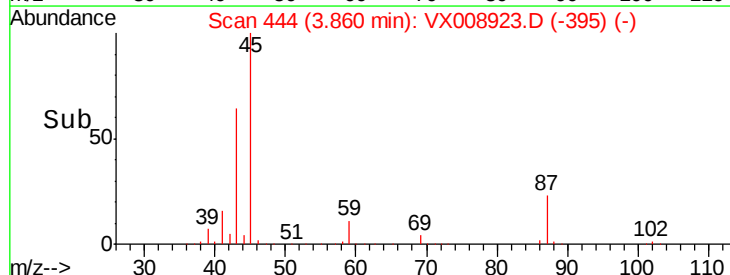
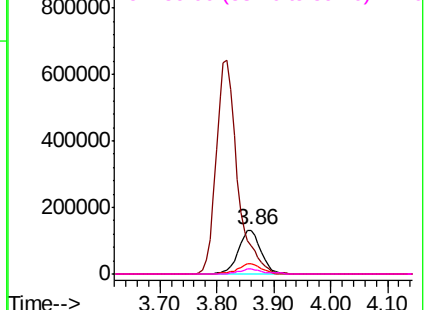
43 63.5 51.3 76.9

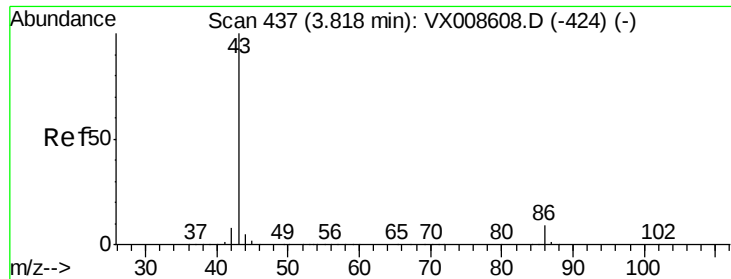
87 23.5 18.1 27.1

59 11.2 8.6 13.0



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: 255.373 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

Instrument :

MSVOA\_X

ClientSampleId :

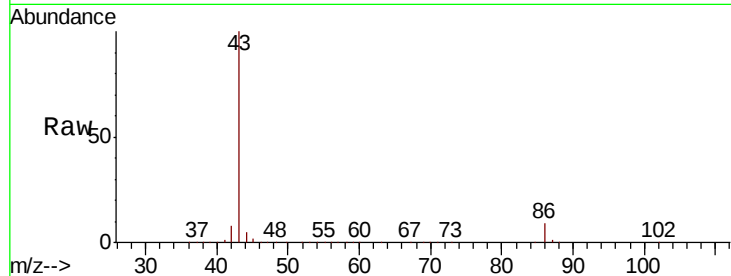
VSTDCCC050EC

Tot Ion: 43 Resp: 1663608

Ion Ratio Lower Upper

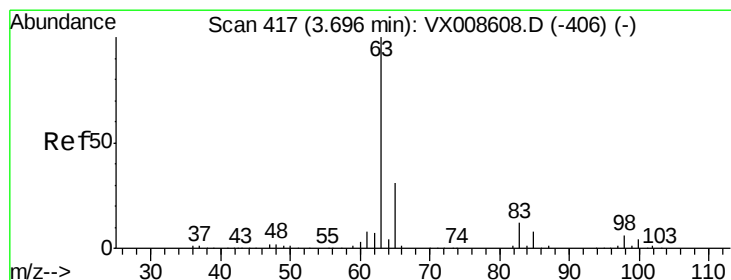
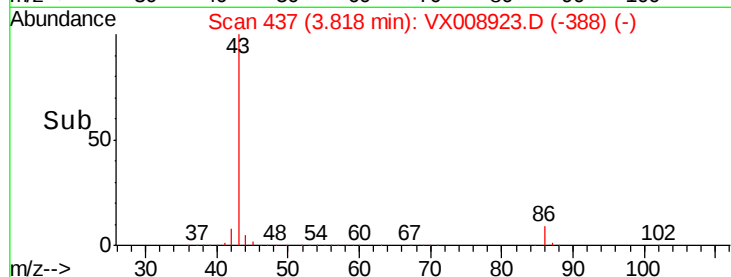
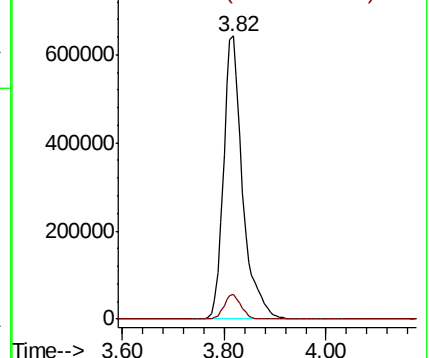
43 100

86 8.7 7.0 10.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.684 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

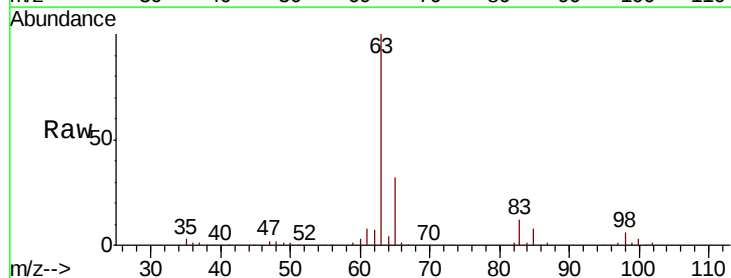
Tgt Ion: 63 Resp: 180499

Ion Ratio Lower Upper

63 100

98 5.8 2.8 8.4

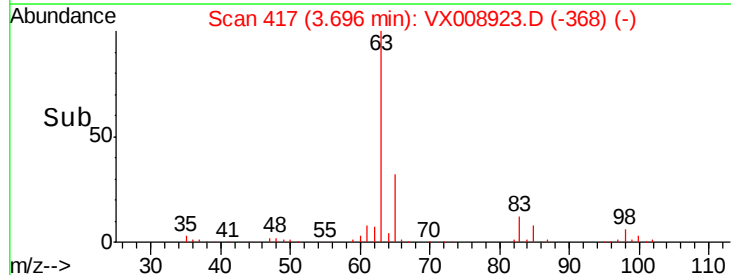
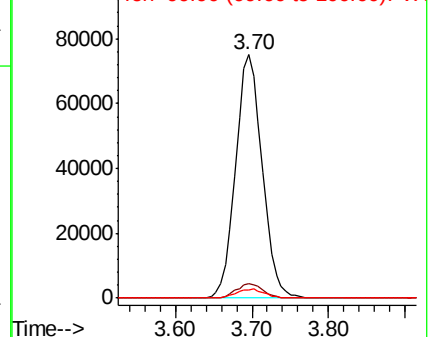
100 3.5 1.8 5.5

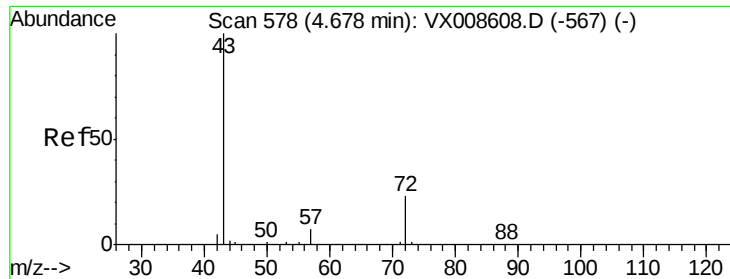


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 250.514 ug/l

RT: 4.68 min Scan# 578

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

Instrument :

MSVOA\_X

ClientSampleId :

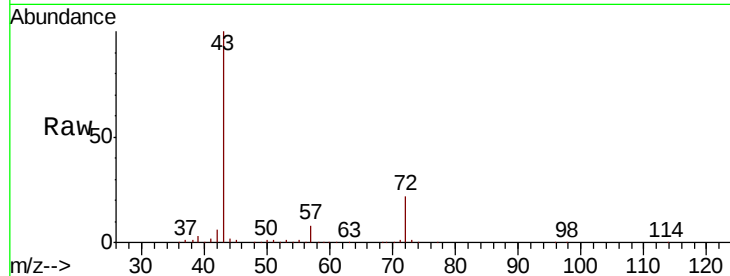
VSTDCCC050EC

Tot Ion: 43 Resp: 488305

Ion Ratio Lower Upper

43 100

72 22.3 18.2 27.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

200000

150000

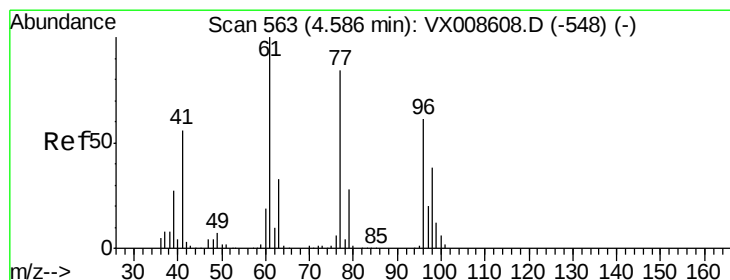
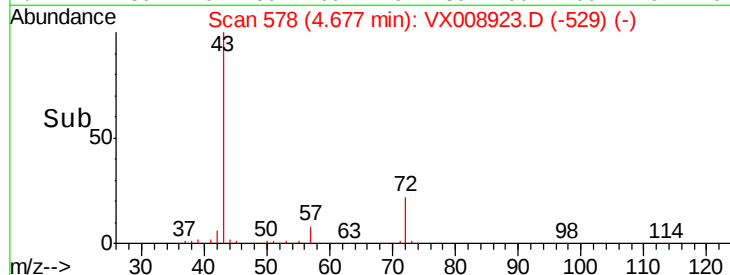
100000

50000

0

4.60 4.68 4.70 4.78

Time-->



#26

2,2-Dichloropropane

Concen: 31.136 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX008923.D

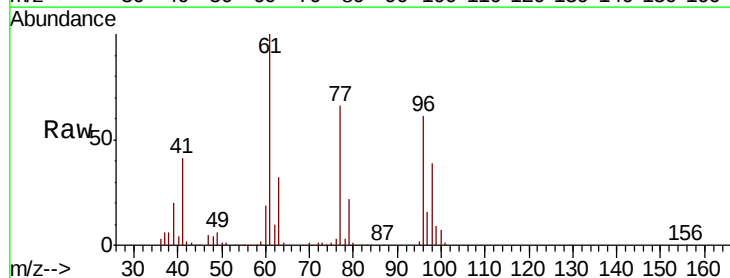
Acq: 13 Apr 2019 06:18

Tgt Ion: 77 Resp: 81307

Ion Ratio Lower Upper

77 100

97 24.9 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

30000

25000

20000

15000

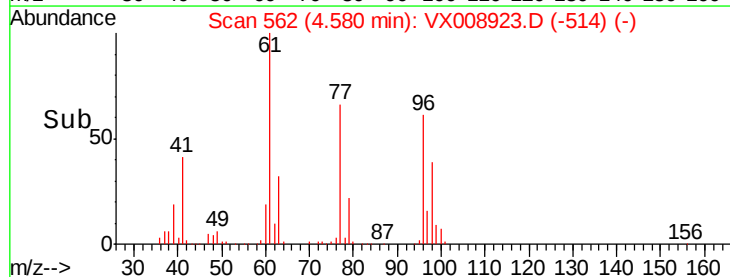
10000

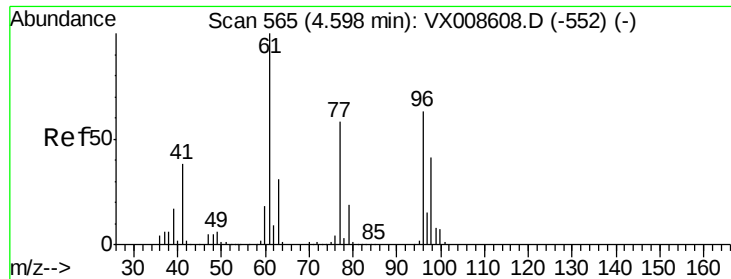
5000

0

4.50 4.58 4.60 4.70

Time-->



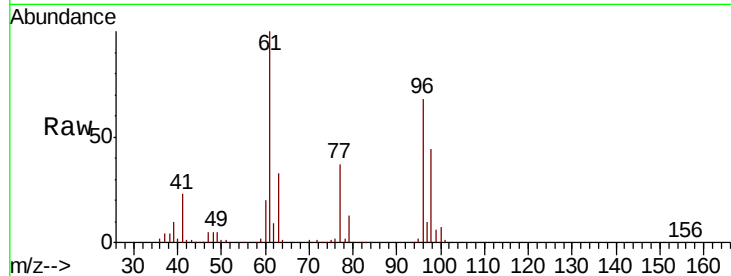


#27

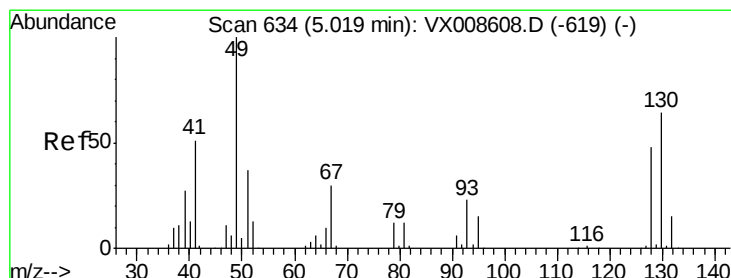
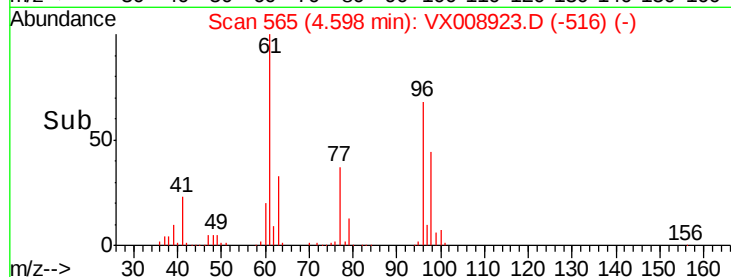
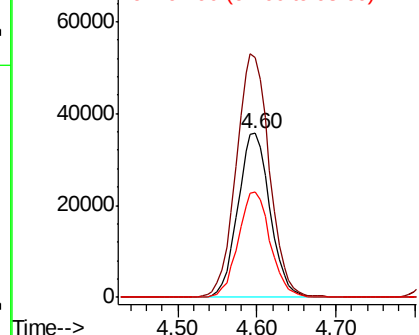
cis-1,2-Dichloroethene  
 Concen: 48.021 ug/l  
 RT: 4.60 min Scan# 565  
 Delta R.T. -0.00 min  
 Lab File: VX008923.D  
 Acq: 13 Apr 2019 06:18

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 96 Resp: 101354  
 Ion Ratio Lower Upper  
 96 100  
 61 152.6 0.0 327.6  
 98 64.0 0.0 128.6



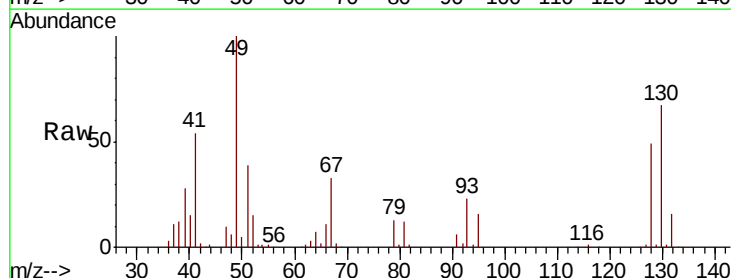
Abundance Ion 95.90 (95.60 to 96.60): VX0  
 Ion 60.90 (60.60 to 61.60): VX0  
 Ion 97.90 (97.60 to 98.60): VX0



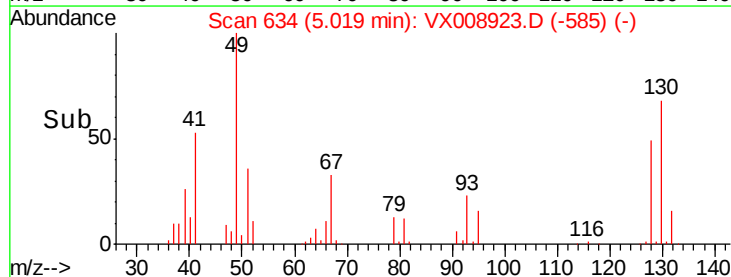
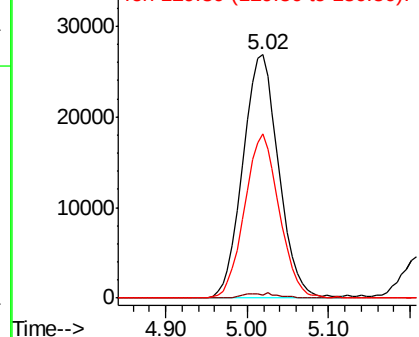
#28

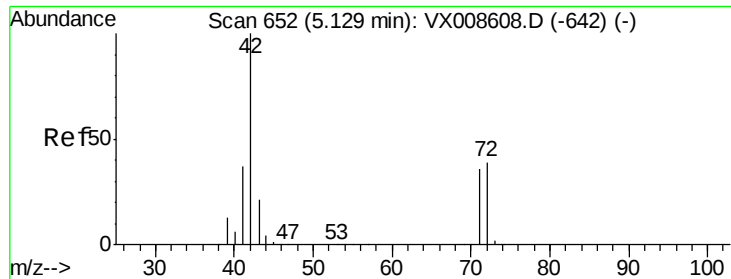
Bromochloromethane  
 Concen: 53.154 ug/l  
 RT: 5.02 min Scan# 634  
 Delta R.T. -0.00 min  
 Lab File: VX008923.D  
 Acq: 13 Apr 2019 06:18

Tgt Ion: 49 Resp: 82026  
 Ion Ratio Lower Upper  
 49 100  
 129 1.1 0.0 3.6  
 130 65.0 49.3 73.9



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

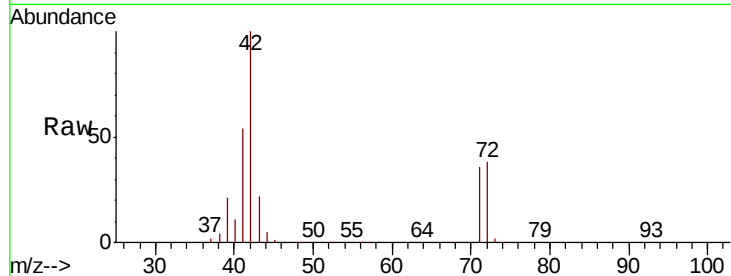




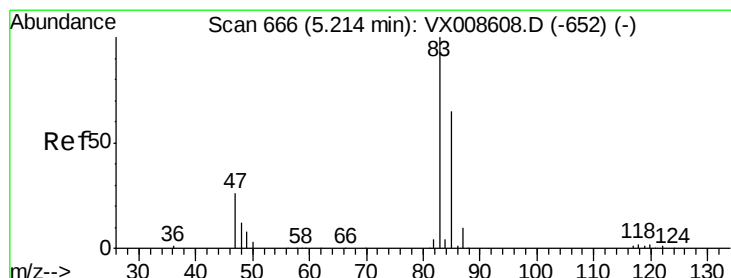
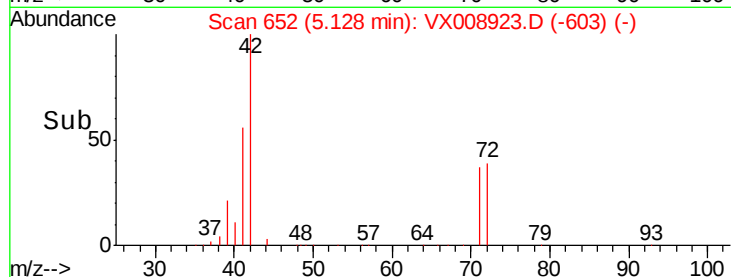
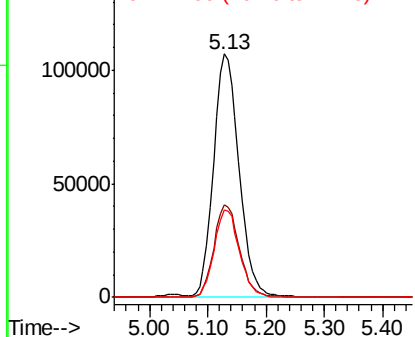
#29  
Tetrahydrofuran  
Concen: 250.138 ug/l  
RT: 5.13 min Scan# 652  
Delta R.T. -0.00 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 42 Resp: 323612  
Ion Ratio Lower Upper  
42 100  
72 38.4 30.5 45.7  
71 35.9 28.6 43.0

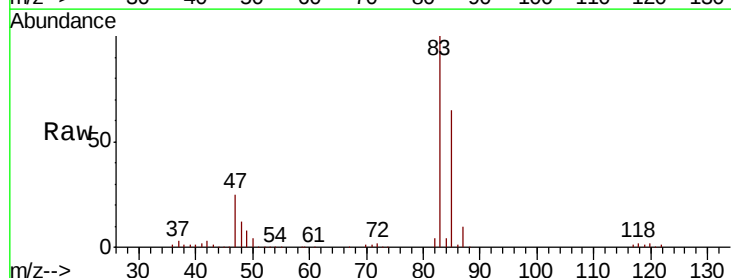


Abundance Ion 42.00 (41.70 to 42.70): VX0  
Ion 72.00 (71.70 to 72.70): VX0  
Ion 71.00 (70.70 to 71.70): VX0

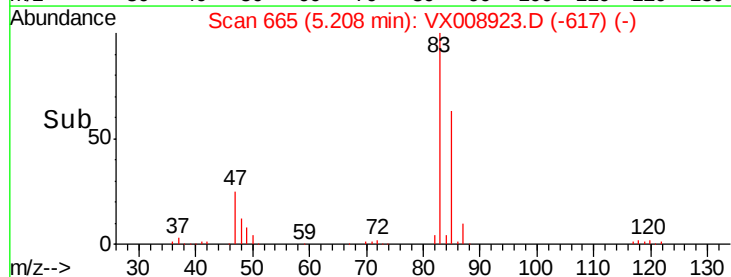
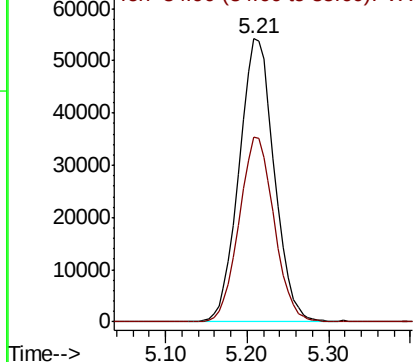


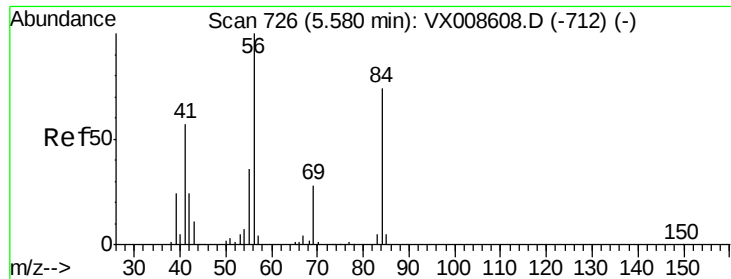
#30  
Chloroform  
Concen: 49.062 ug/l  
RT: 5.21 min Scan# 665  
Delta R.T. -0.01 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

Tgt Ion: 83 Resp: 162469  
Ion Ratio Lower Upper  
83 100  
85 65.3 52.1 78.1



Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 84.90 (84.60 to 85.60): VX0

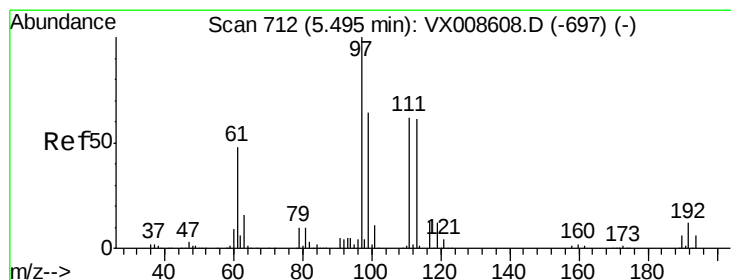
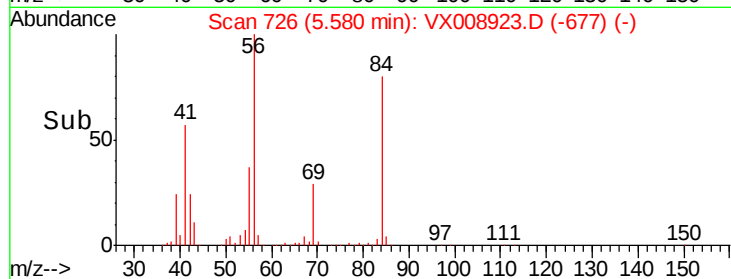
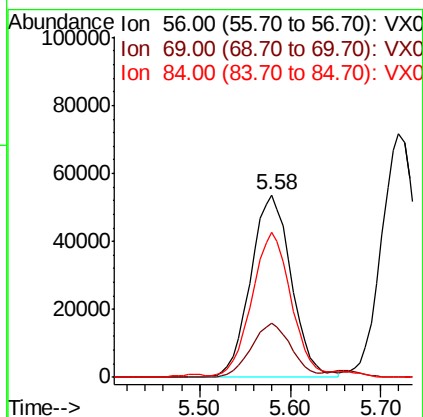
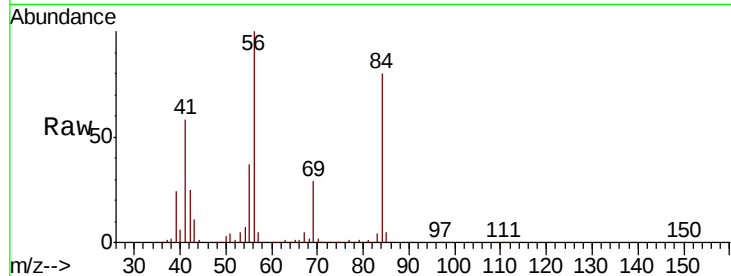




#31  
Cyclohexane  
Concen: 45.001 ug/l  
RT: 5.58 min Scan# 726  
Delta R.T. -0.00 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

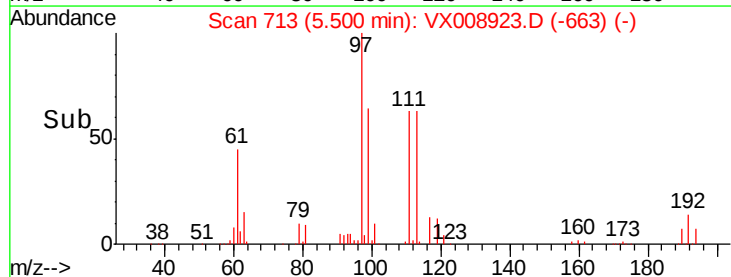
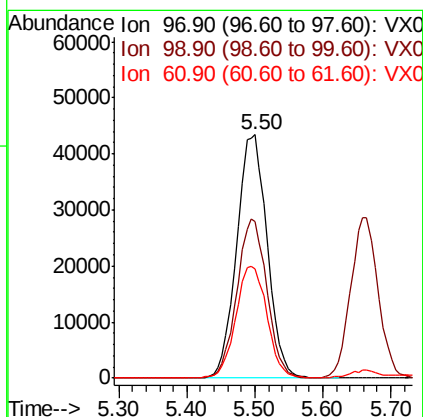
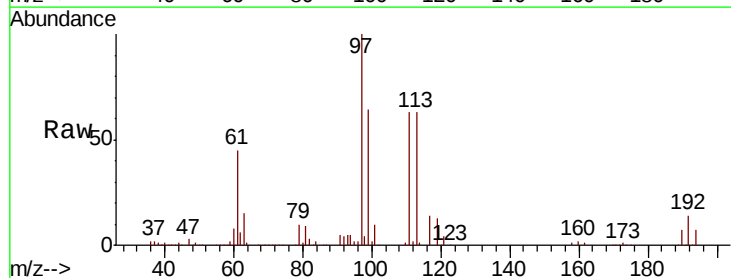
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

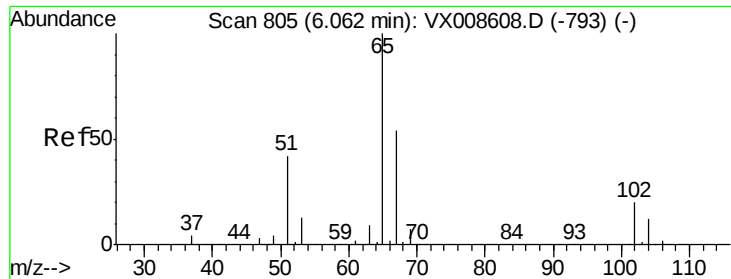
Tot Ion: 56 Resp: 166483  
Ion Ratio Lower Upper  
56 100  
69 29.5 22.6 33.8  
84 78.4 59.3 88.9



#32  
1,1,1-Trichloroethane  
Concen: 50.538 ug/l  
RT: 5.50 min Scan# 713  
Delta R.T. 0.01 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

Tgt Ion: 97 Resp: 135239  
Ion Ratio Lower Upper  
97 100  
99 64.3 51.3 76.9  
61 46.9 38.9 58.3

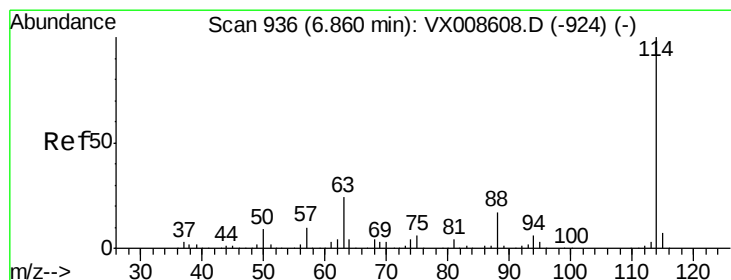
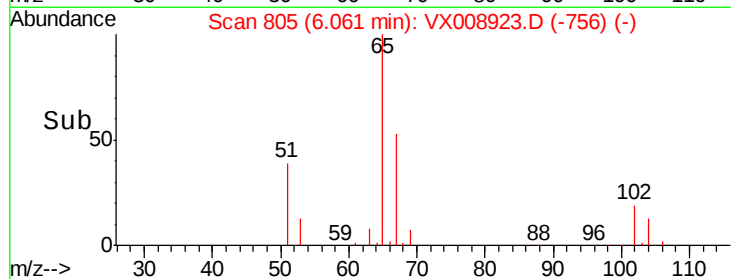
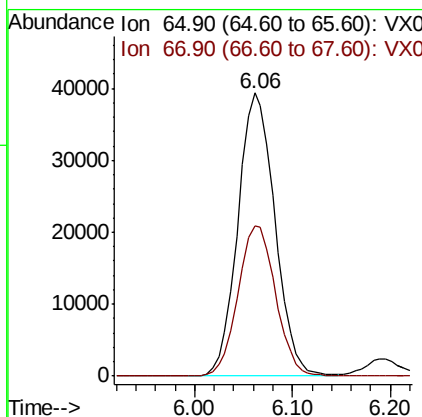
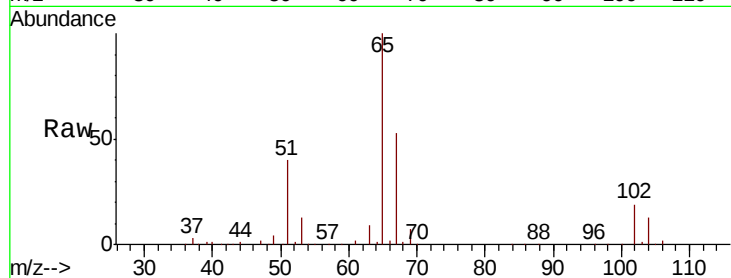




#33  
 1,2-Dichloroethane-d4  
 Concen: 48.226 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. -0.00 min  
 Lab File: VX008923.D  
 Acq: 13 Apr 2019 06:18

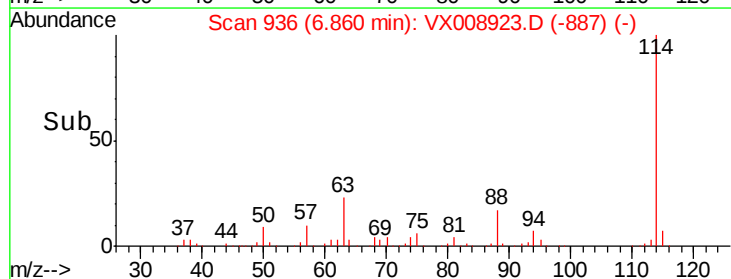
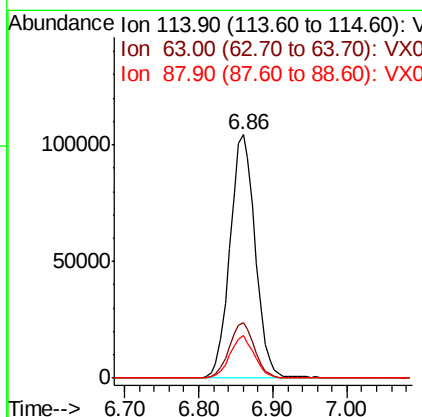
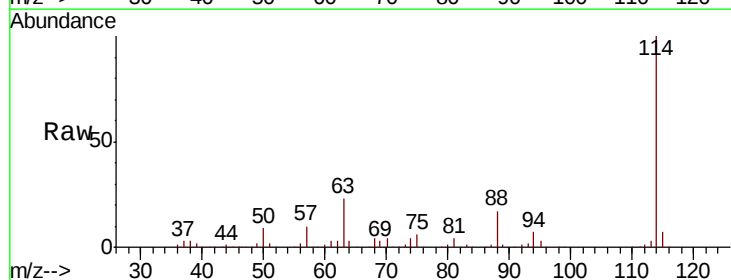
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

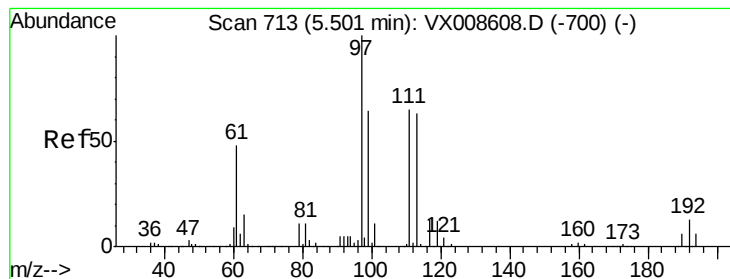
Tot Ion: 65 Resp: 103261  
 Ion Ratio Lower Upper  
 65 100  
 67 54.0 0.0 107.2



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX008923.D  
 Acq: 13 Apr 2019 06:18

Tgt Ion: 114 Resp: 247758  
 Ion Ratio Lower Upper  
 114 100  
 63 22.8 0.0 47.2  
 88 17.3 0.0 34.0





#35

Dibromofluoromethane

Concen: 49.115 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

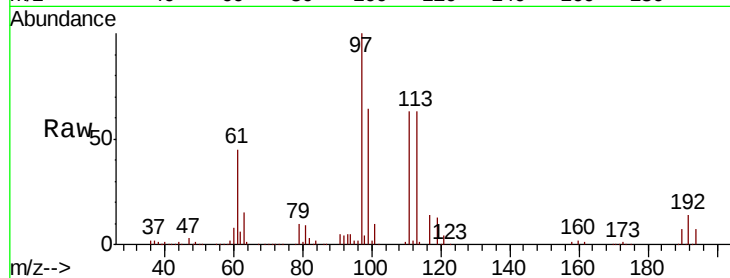
Tot Ion:113 Resp: 77801

Ion Ratio Lower Upper

113 100

111 101.5 83.4 125.2

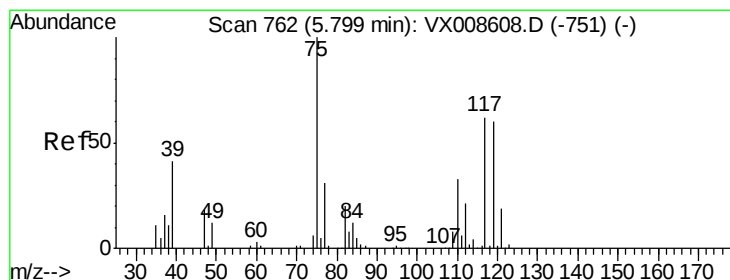
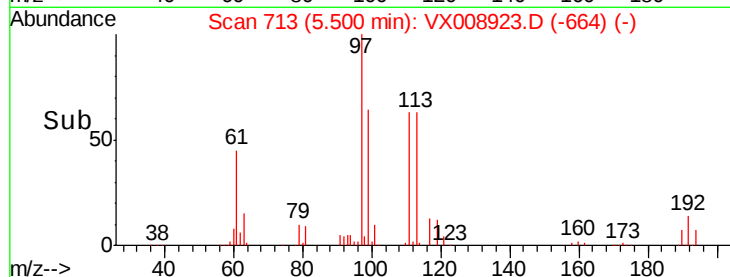
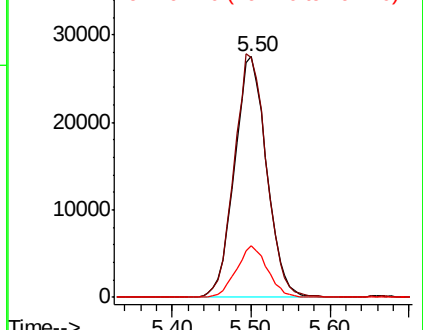
192 20.8 16.1 24.1



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: 45.568 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

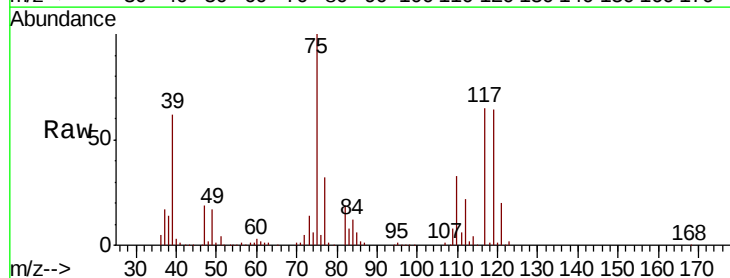
Tgt Ion: 75 Resp: 123409

Ion Ratio Lower Upper

75 100

110 33.8 16.4 49.2

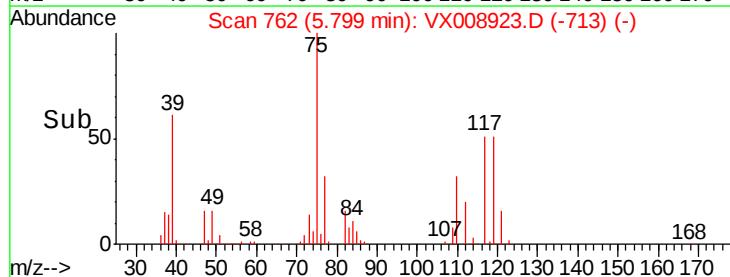
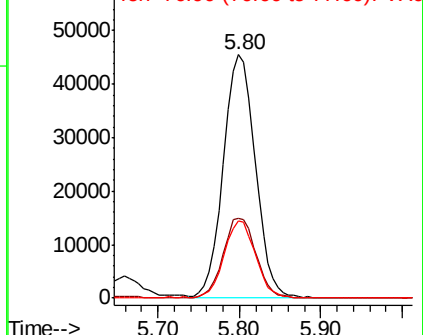
77 31.1 24.7 37.1

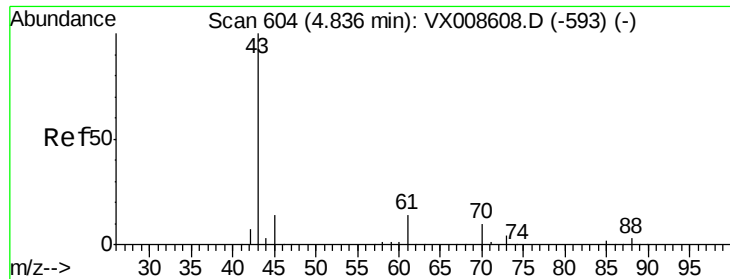


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

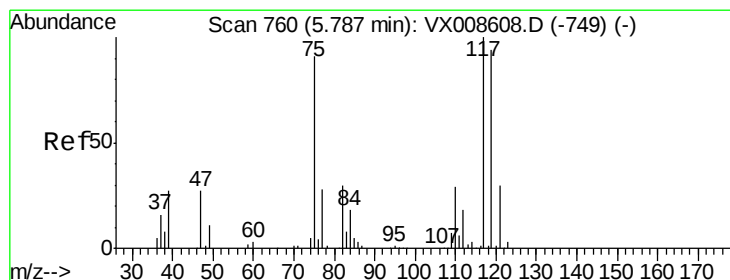
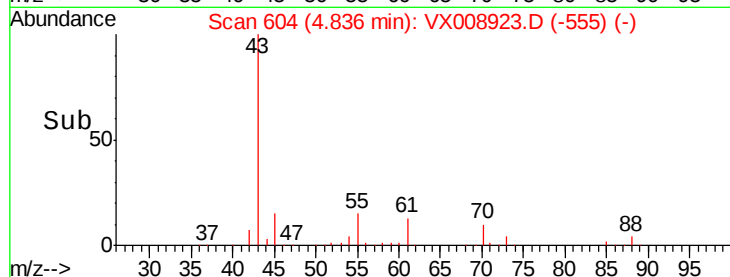
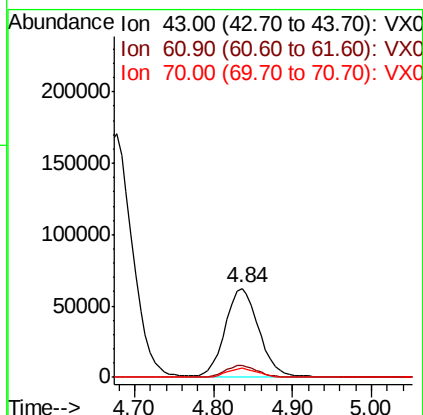
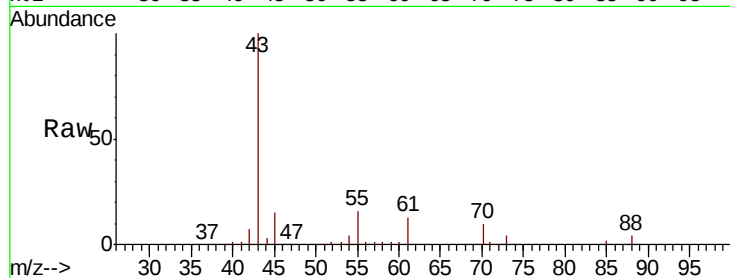




#37  
Ethyl Acetate  
Concen: 51.173 ug/l  
RT: 4.84 min Scan# 604  
Delta R.T. -0.00 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

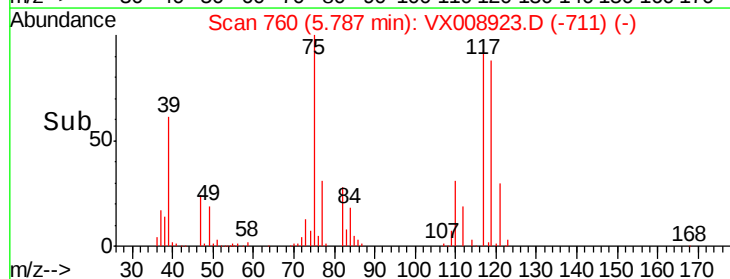
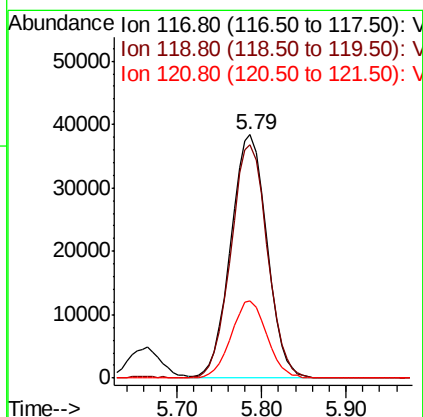
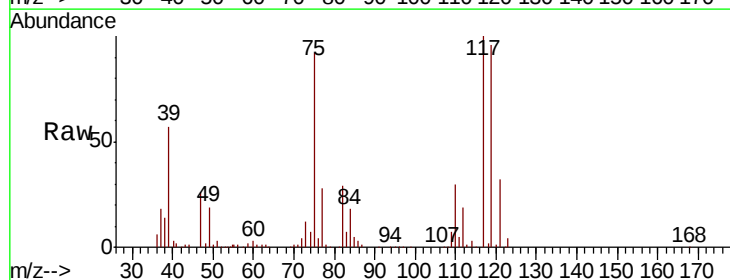
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 43 Resp: 184988  
Ion Ratio Lower Upper  
43 100  
61 13.2 10.3 15.5  
70 9.8 7.6 11.4



#38  
Carbon Tetrachloride  
Concen: 50.087 ug/l  
RT: 5.79 min Scan# 760  
Delta R.T. -0.00 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

Tgt Ion: 117 Resp: 112270  
Ion Ratio Lower Upper  
117 100  
119 95.9 75.0 112.6  
121 31.6 24.3 36.5

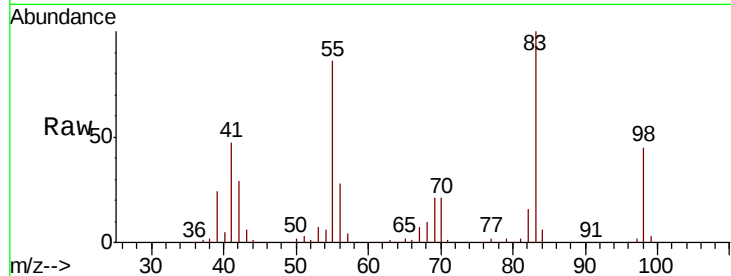




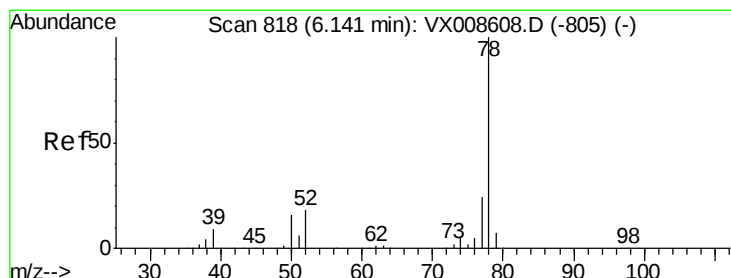
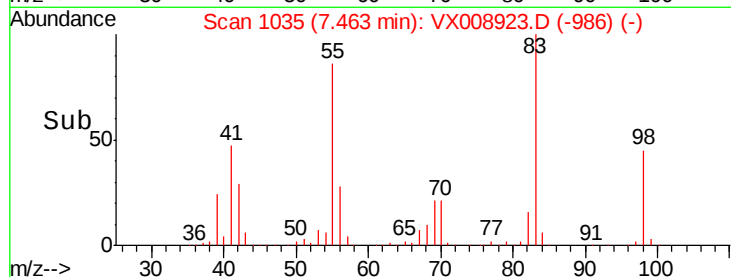
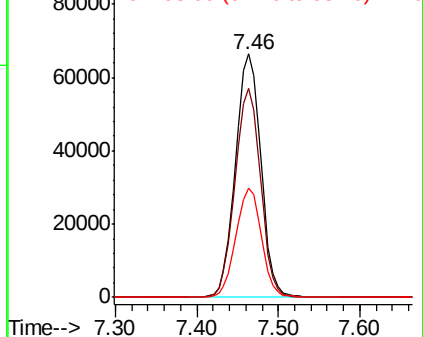
#39  
Methvlcvclohexane  
Concen: 42.734 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 83 Resp: 142968  
Ion Ratio Lower Upper  
83 100  
55 85.9 69.0 103.6  
98 44.7 34.4 51.6

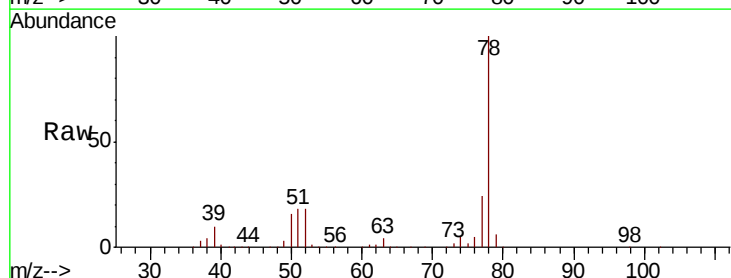


Abundance Ion 83.00 (82.70 to 83.70): VX0  
Ion 55.00 (54.70 to 55.70): VX0  
Ion 98.00 (97.70 to 98.70): VX0

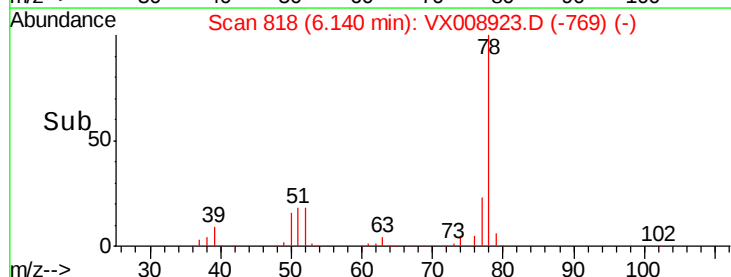
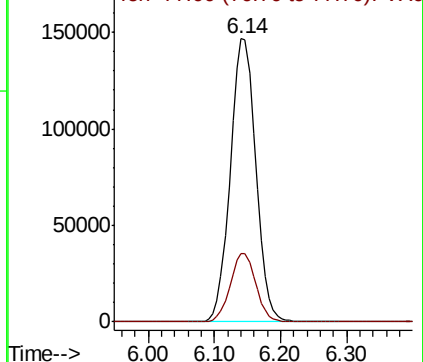


#40  
Benzene  
Concen: 48.675 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

Tgt Ion: 78 Resp: 392720  
Ion Ratio Lower Upper  
78 100  
77 24.4 19.1 28.7



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

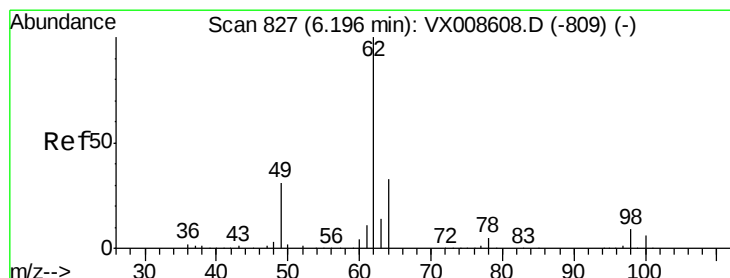
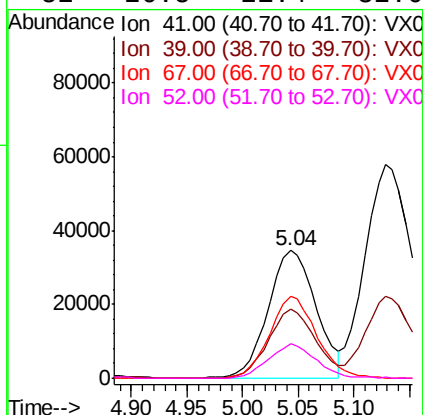
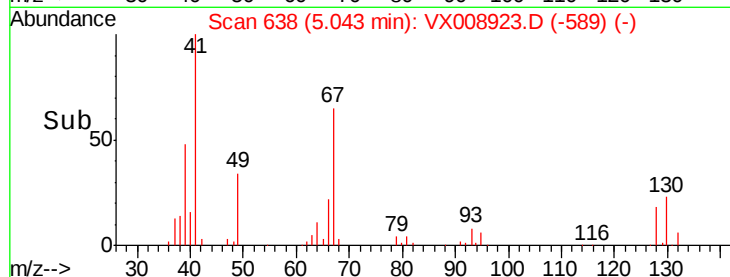
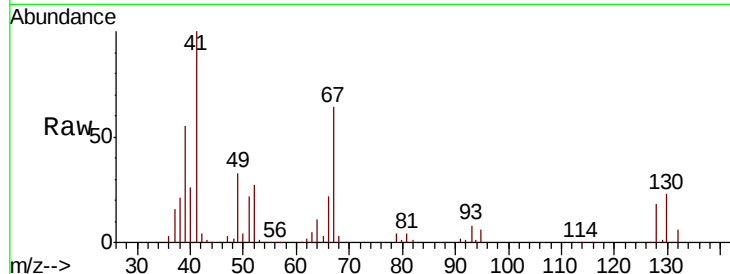




#41  
Methacrylonitrile  
Concen: 49.368 ug/l  
RT: 5.04 min Scan# 638  
Delta R.T. -0.00 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

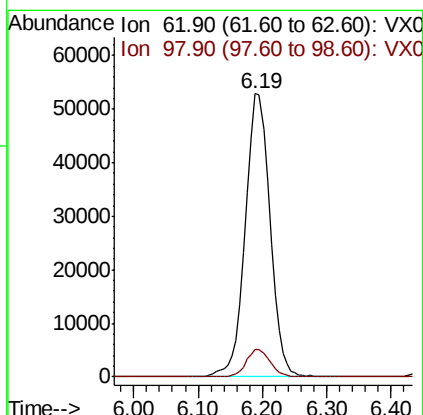
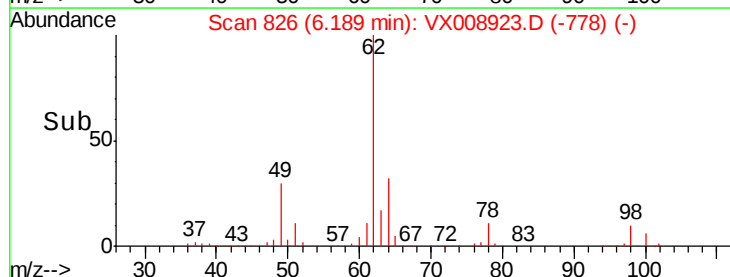
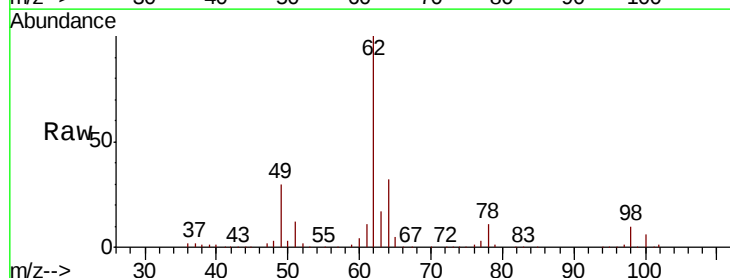
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

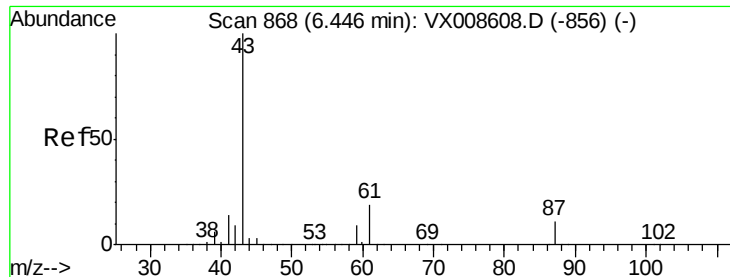
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 102581 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 53.1  | 42.1  | 63.1   |
| 67       | 63.9  | 51.0  | 76.6   |
| 52       | 26.5  | 21.4  | 32.0   |



#42  
1,2-Dichloroethane  
Concen: 48.319 ug/l  
RT: 6.19 min Scan# 826  
Delta R.T. -0.01 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 139759 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 9.2   | 0.0   | 18.0   |



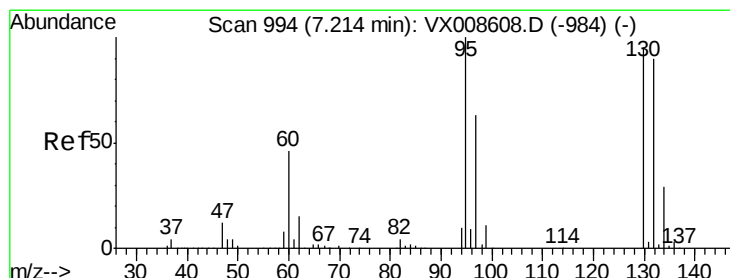
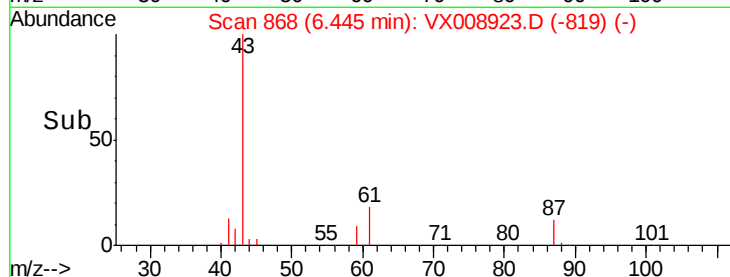
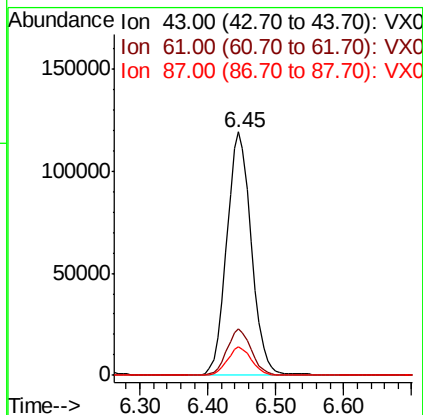
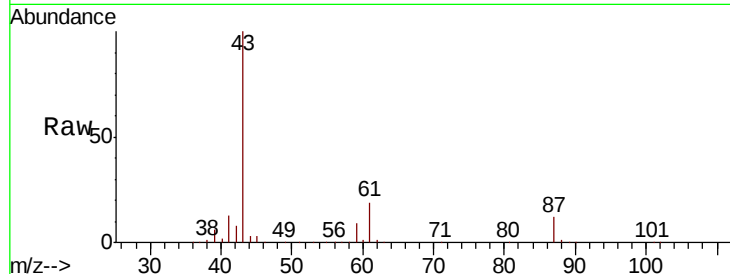


#43

Isopropyl Acetate  
 Concen: 52.528 ug/l  
 RT: 6.45 min Scan# 868  
 Delta R.T. -0.00 min  
 Lab File: VX008923.D  
 Acq: 13 Apr 2019 06:18

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

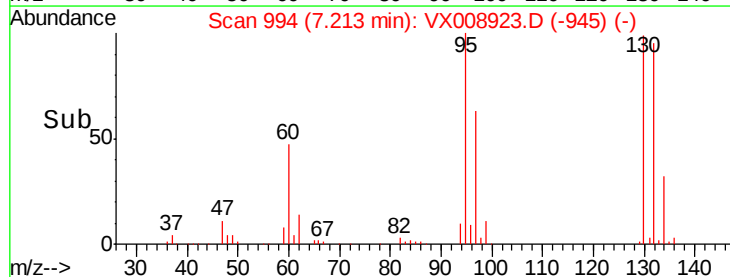
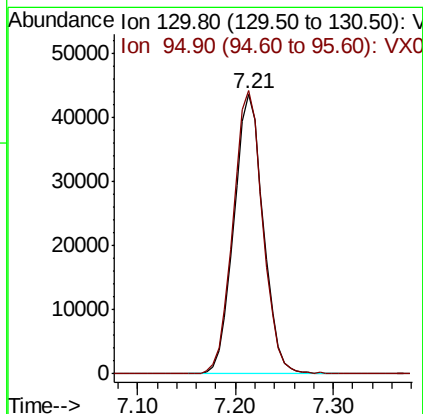
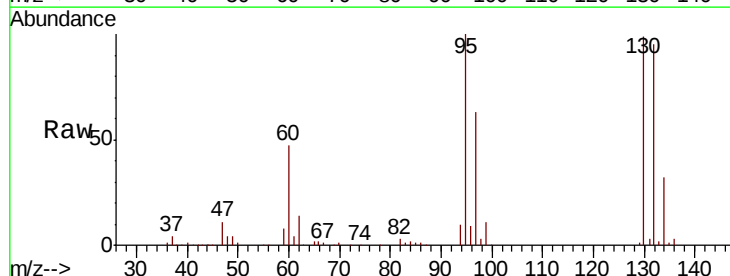
Tot Ion: 43 Resp: 297454  
 Ion Ratio Lower Upper  
 43 100  
 61 19.0 15.3 22.9  
 87 11.7 9.0 13.6

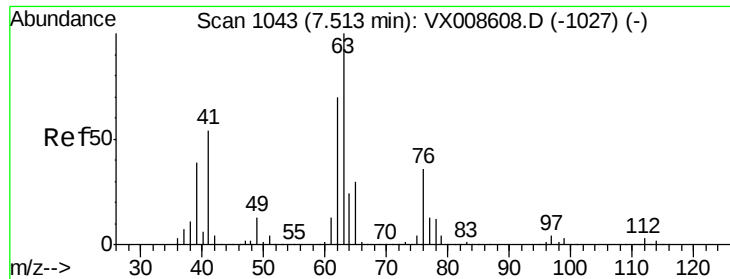


#44

Trichloroethene  
 Concen: 48.501 ug/l  
 RT: 7.21 min Scan# 994  
 Delta R.T. -0.00 min  
 Lab File: VX008923.D  
 Acq: 13 Apr 2019 06:18

Tgt Ion:130 Resp: 91139  
 Ion Ratio Lower Upper  
 130 100  
 95 101.1 0.0 209.8





#45

1,2-Dichloropropane

Concen: 48.117 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

Instrument :

MSVOA\_X

ClientSampleId :

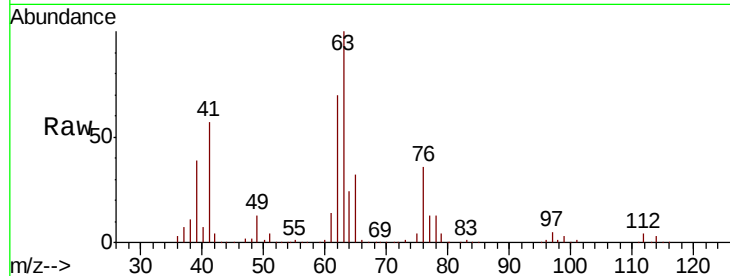
VSTDCCC050EC

Tot Ion: 63 Resp: 110807

Ion Ratio Lower Upper

63 100

65 32.0 24.2 36.4



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

60000

50000

40000

30000

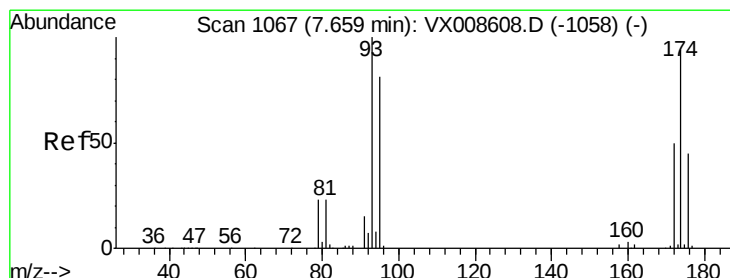
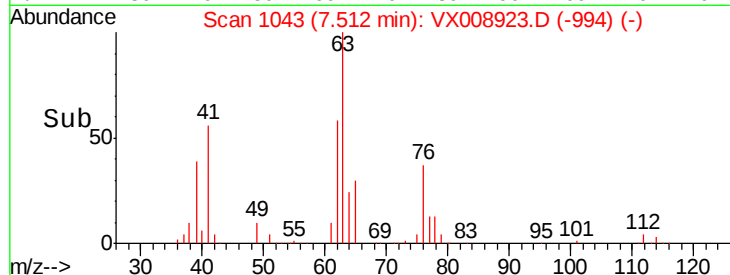
20000

10000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 48.203 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

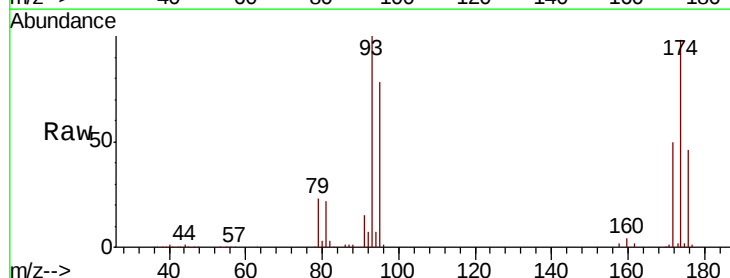
Tgt Ion: 93 Resp: 64381

Ion Ratio Lower Upper

93 100

95 82.4 66.6 99.8

174 102.7 77.7 116.5



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

40000

30000

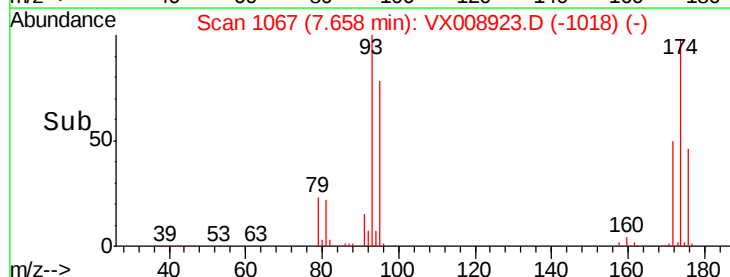
20000

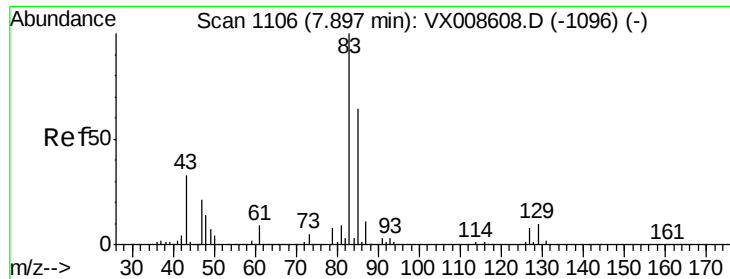
10000

0

Time-->

7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 50.597 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

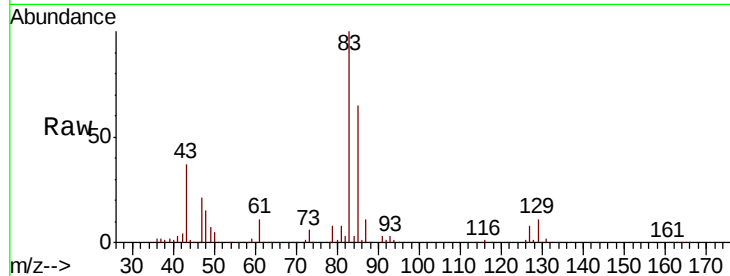
Tot Ion: 83 Resp: 127419

Ion Ratio Lower Upper

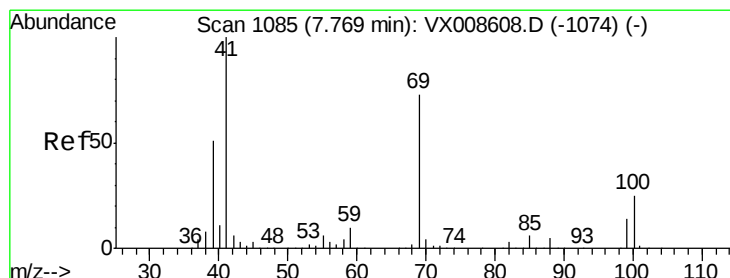
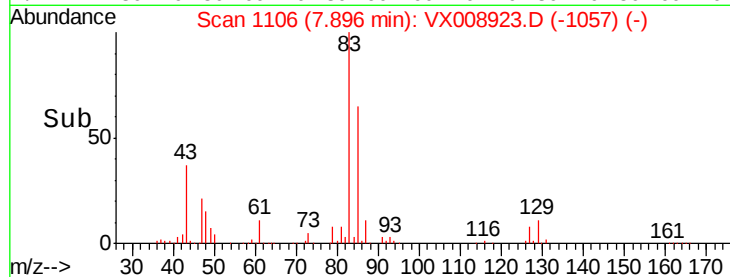
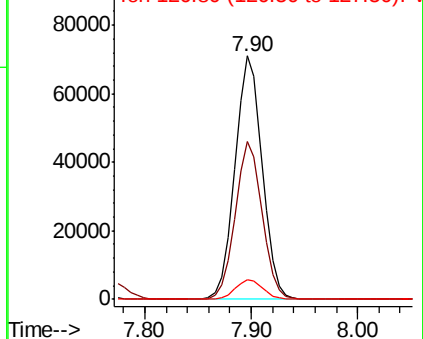
83 100

85 64.6 51.2 76.8

127 8.0 6.6 10.0



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: 51.601 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

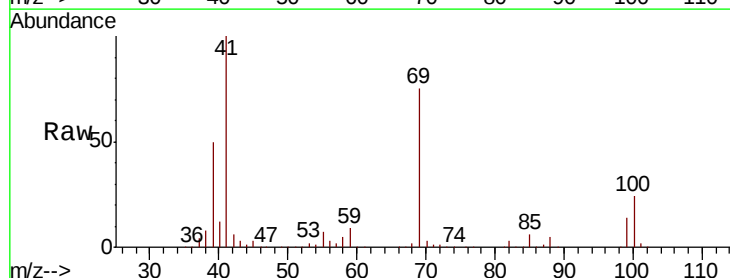
Tgt Ion: 41 Resp: 147813

Ion Ratio Lower Upper

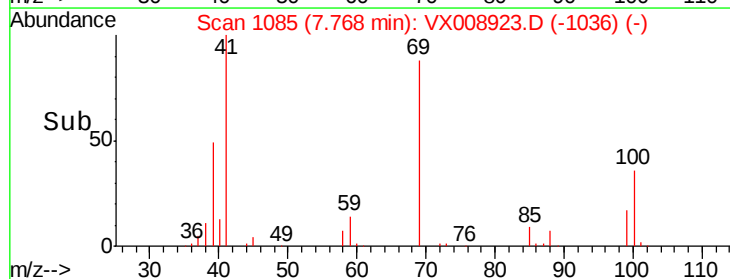
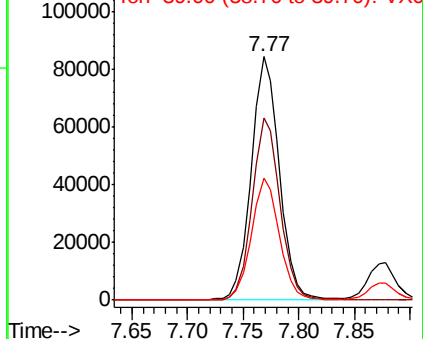
41 100

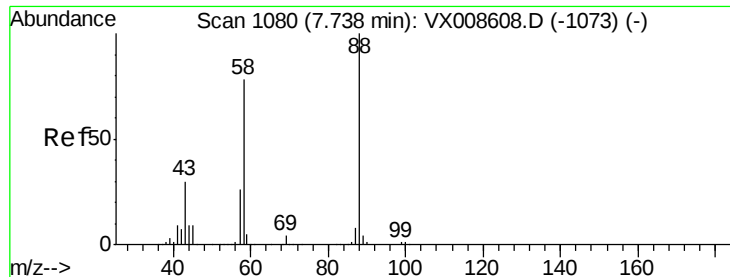
69 75.0 59.0 88.4

39 49.8 41.0 61.4



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

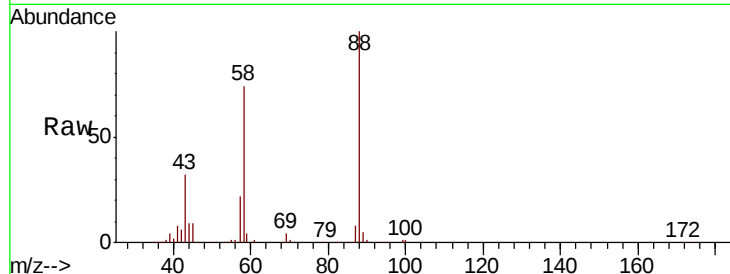




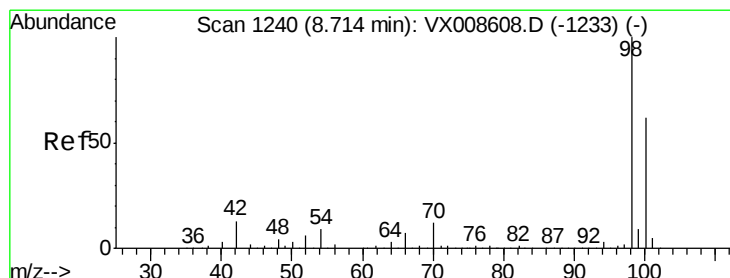
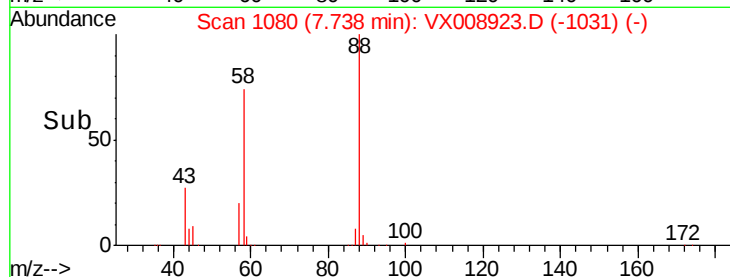
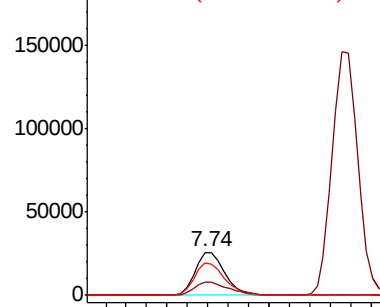
#49  
 1,4-Dioxane  
 Concen: 963.739 ug/l  
 RT: 7.74 min Scan# 1080  
 Delta R.T. -0.00 min  
 Lab File: VX008923.D  
 Acq: 13 Apr 2019 06:18

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 88 Resp: 51715  
 Ion Ratio Lower Upper  
 88 100  
 43 36.0 28.6 43.0  
 58 79.1 62.2 93.2

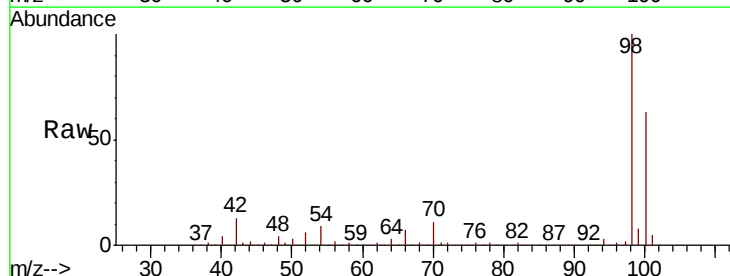


Abundance Ion 88.00 (87.70 to 88.70): VX0  
 Ion 43.00 (42.70 to 43.70): VX0  
 Ion 58.00 (57.70 to 58.70): VX0

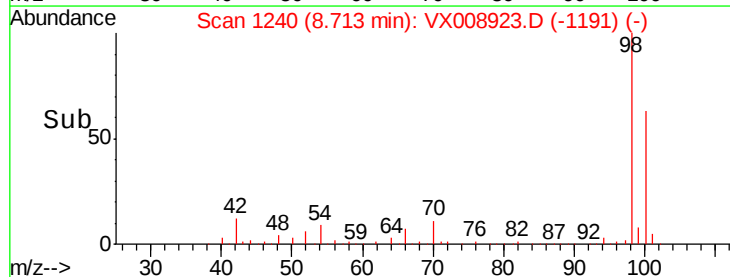
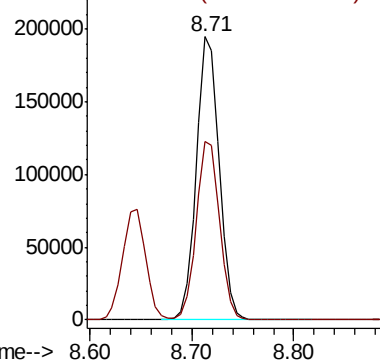


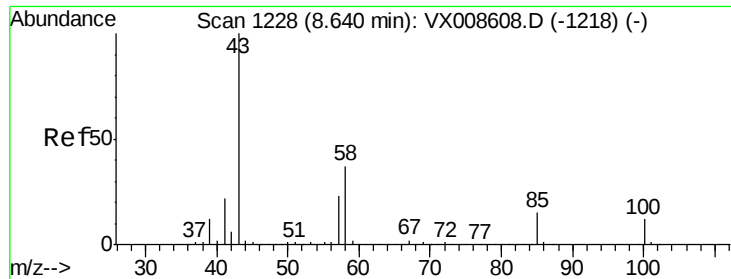
#50  
 Toluene-d8  
 Concen: 47.822 ug/l  
 RT: 8.71 min Scan# 1240  
 Delta R.T. -0.00 min  
 Lab File: VX008923.D  
 Acq: 13 Apr 2019 06:18

Tgt Ion: 98 Resp: 301628  
 Ion Ratio Lower Upper  
 98 100  
 100 64.5 51.4 77.0



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





#51

4-Methyl-2-Pentanone

Concen: 258.733 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

Instrument :

MSVOA\_X

ClientSampleId :

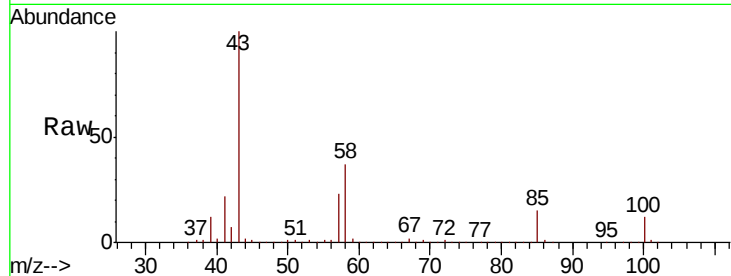
VSTDCCC050EC

Tot Ion: 43 Resp: 943175

Ion Ratio Lower Upper

43 100

58 37.4 29.5 44.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.64

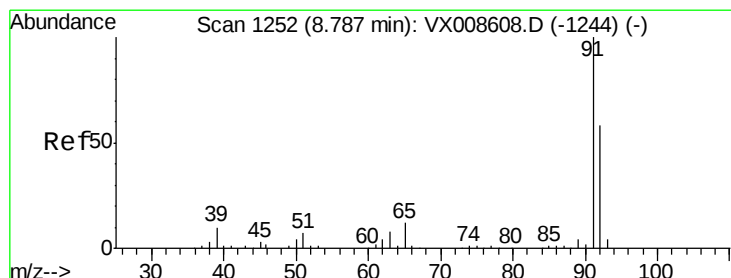
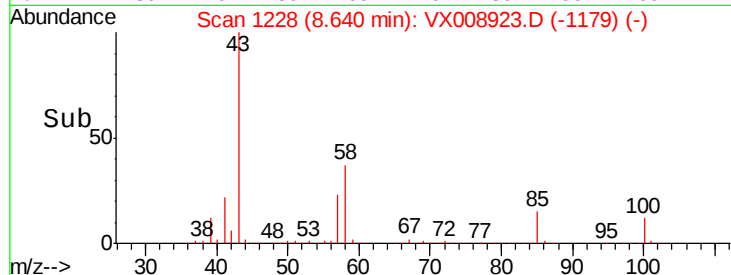
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 49.716 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX008923.D

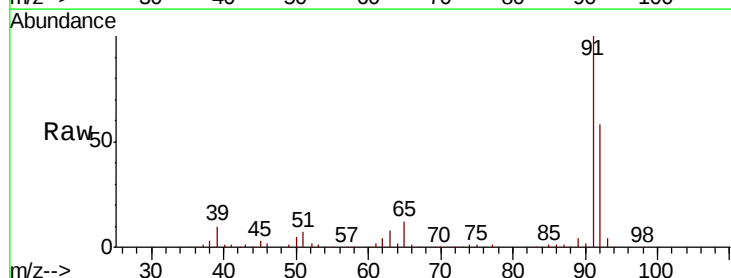
Acq: 13 Apr 2019 06:18

Tgt Ion: 92 Resp: 236482

Ion Ratio Lower Upper

92 100

91 171.8 138.5 207.7



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

300000

250000

200000

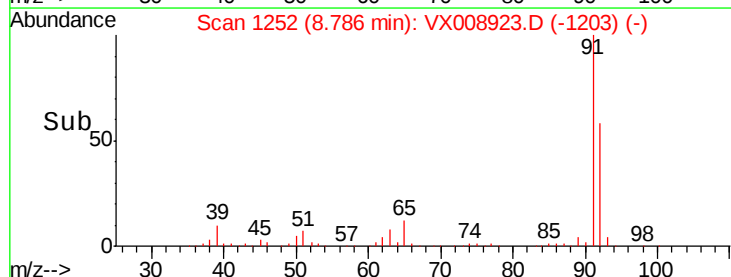
150000

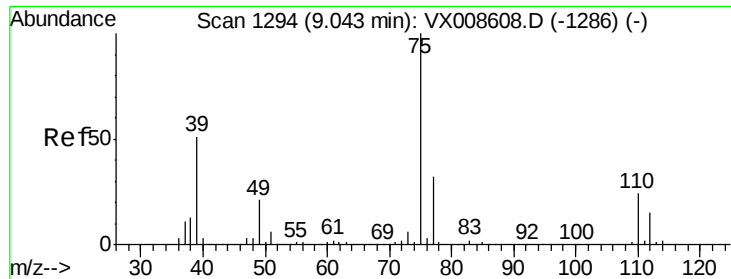
100000

50000

0

Time-->

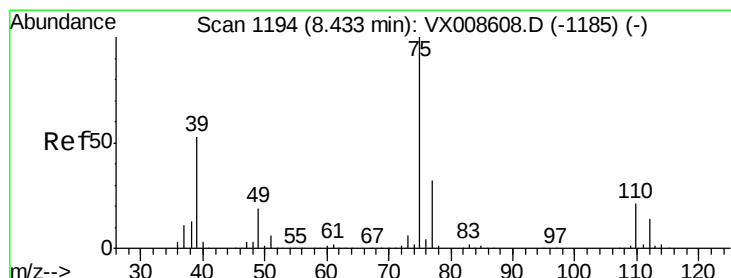
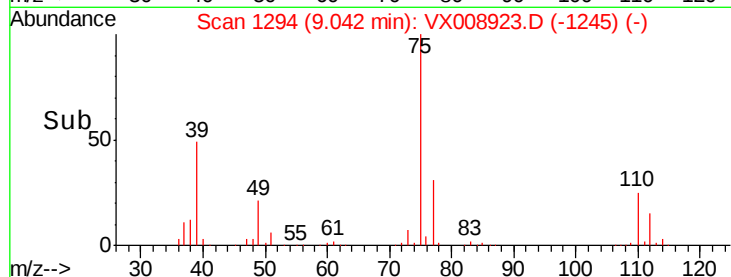
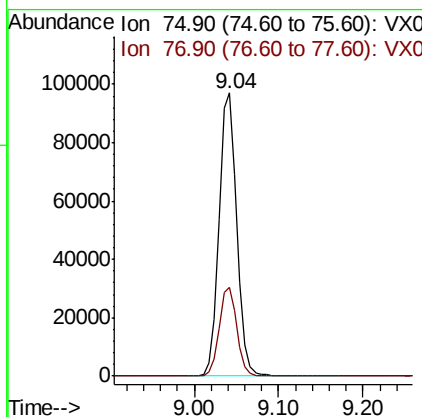
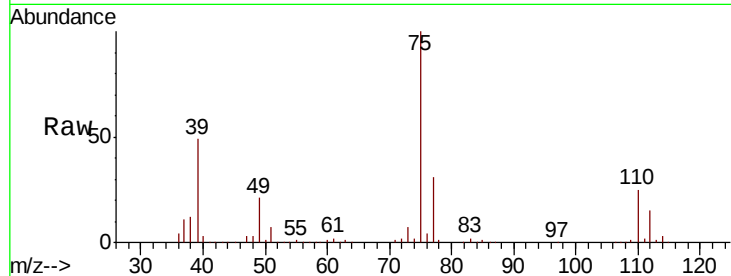




#53  
 t-1,3-Dichloropropene  
 Concen: 50.095 ug/l  
 RT: 9.04 min Scan# 1294  
 Delta R.T. -0.00 min  
 Lab File: VX008923.D  
 Acq: 13 Apr 2019 06:18

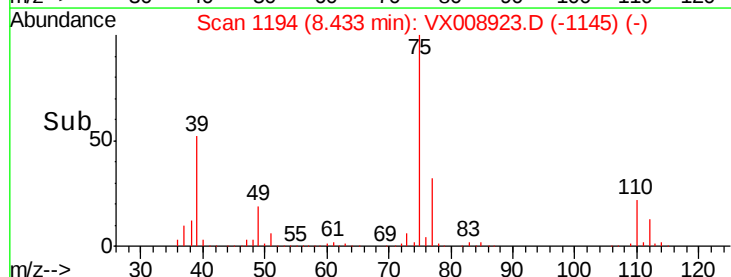
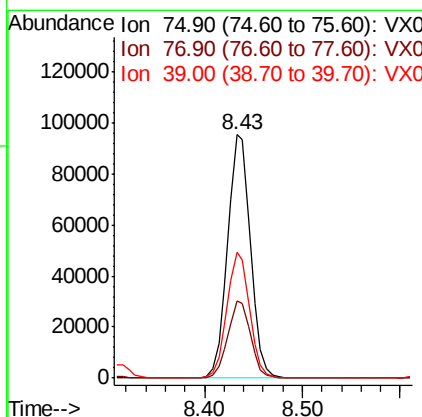
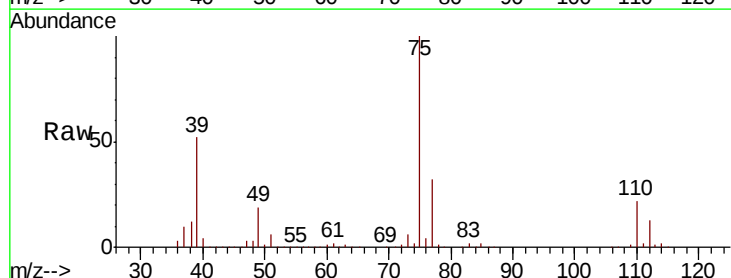
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

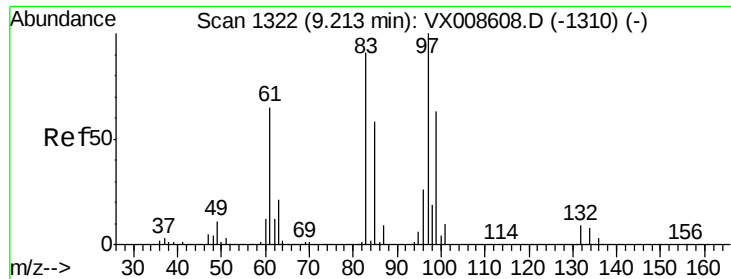
Tot Ion: 75 Resp: 141315  
 Ion Ratio Lower Upper  
 75 100  
 77 31.2 25.2 37.8



#54  
 cis-1,3-Dichloropropene  
 Concen: 47.919 ug/l  
 RT: 8.43 min Scan# 1194  
 Delta R.T. -0.00 min  
 Lab File: VX008923.D  
 Acq: 13 Apr 2019 06:18

Tgt Ion: 75 Resp: 154458  
 Ion Ratio Lower Upper  
 75 100  
 77 31.5 25.3 37.9  
 39 51.6 42.6 63.8

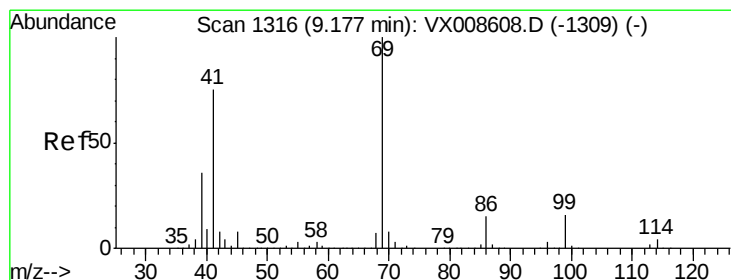
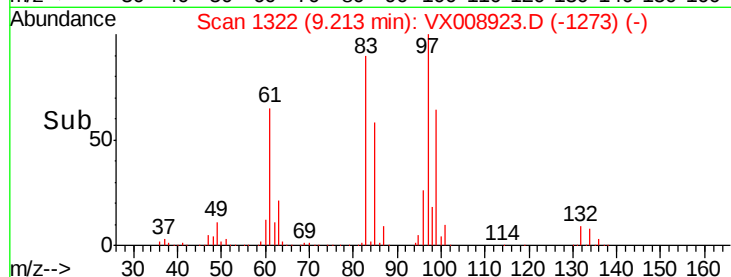
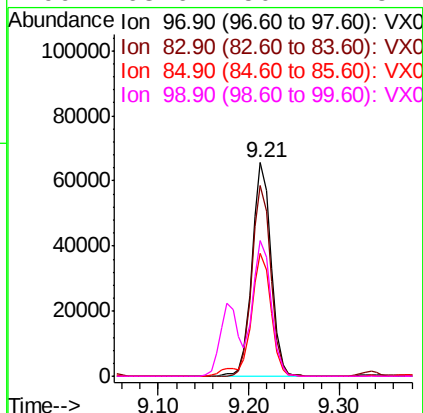
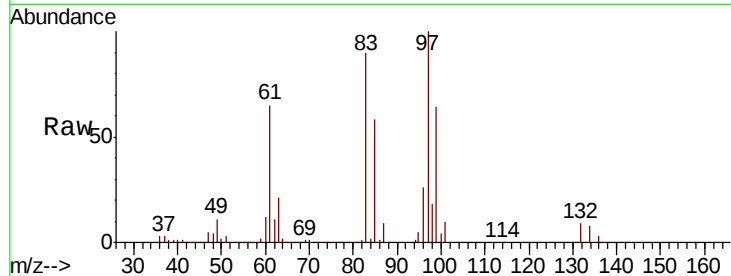




#55  
 1,1,2-Trichloroethane  
 Concen: 49.948 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX008923.D  
 Acq: 13 Apr 2019 06:18

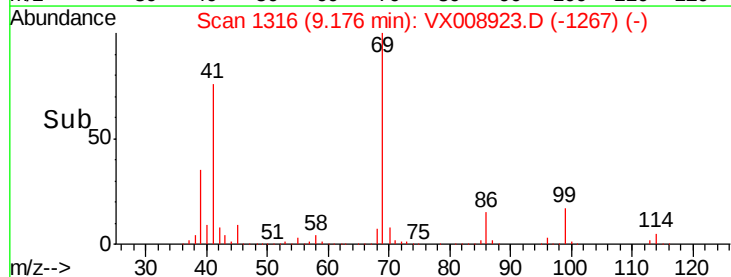
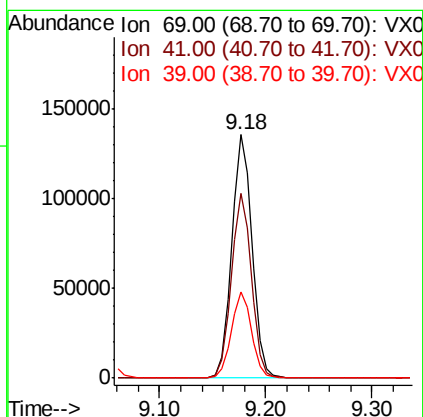
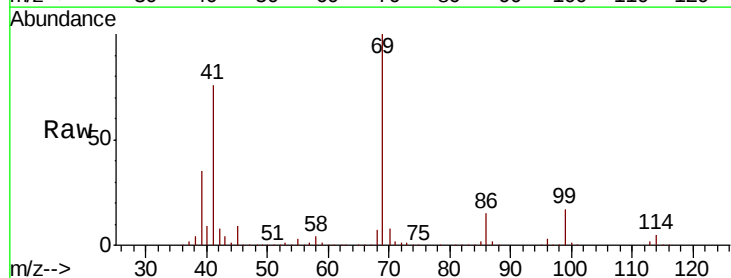
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

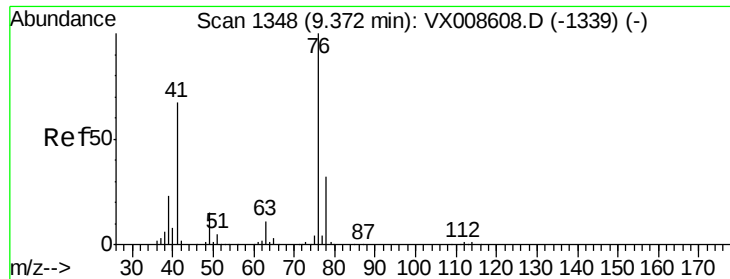
| Tot Ion   | 97    | Resp  | 95367 |
|-----------|-------|-------|-------|
| Ion Ratio | Lower | Upper |       |
| 97        | 100   |       |       |
| 83        | 89.6  | 73.2  | 109.8 |
| 85        | 57.6  | 46.6  | 69.8  |
| 99        | 63.6  | 50.1  | 75.1  |



#56  
 Ethyl methacrylate  
 Concen: 52.572 ug/l  
 RT: 9.18 min Scan# 1316  
 Delta R.T. -0.00 min  
 Lab File: VX008923.D  
 Acq: 13 Apr 2019 06:18

| Tgt Ion   | 69    | Resp  | 181615 |
|-----------|-------|-------|--------|
| Ion Ratio | Lower | Upper |        |
| 69        | 100   |       |        |
| 41        | 75.0  | 60.1  | 90.1   |
| 39        | 35.0  | 28.9  | 43.3   |





#57

1,3-Dichloropropane

Concen: 49.776 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

Instrument :

MSVOA\_X

ClientSampleId :

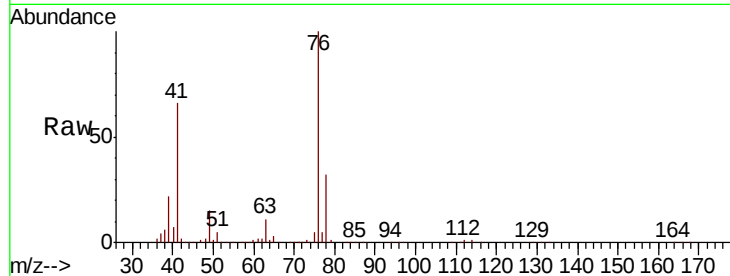
VSTDCCC050EC

Tot Ion: 76 Resp: 170657

Ion Ratio Lower Upper

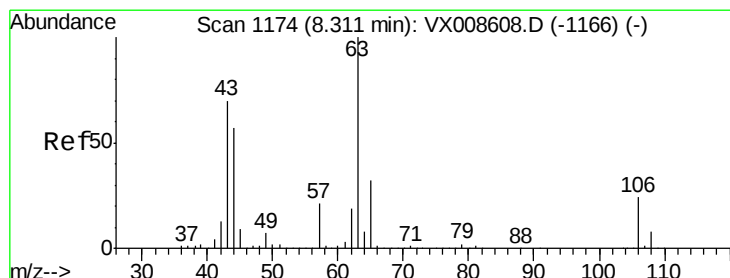
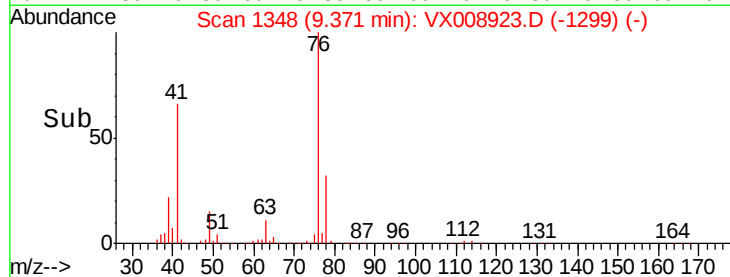
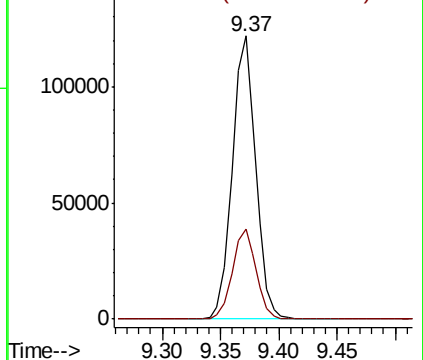
76 100

78 32.0 25.6 38.4



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 259.489 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX008923.D

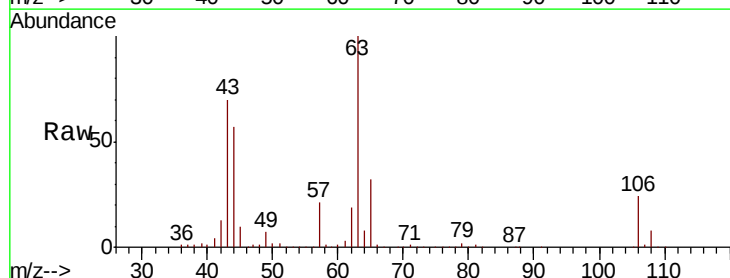
Acq: 13 Apr 2019 06:18

Tgt Ion: 63 Resp: 457736

Ion Ratio Lower Upper

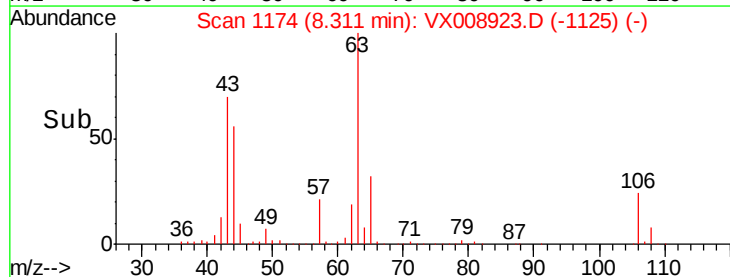
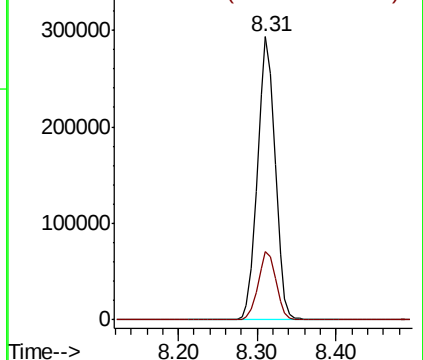
63 100

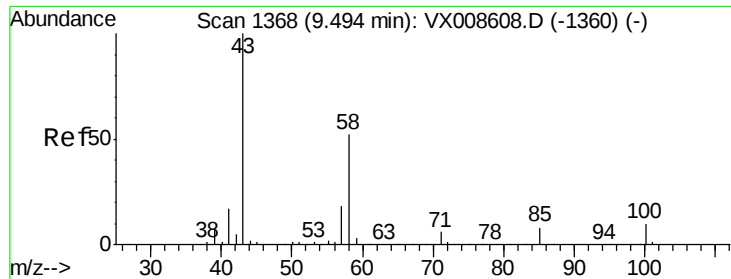
106 24.6 19.0 28.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

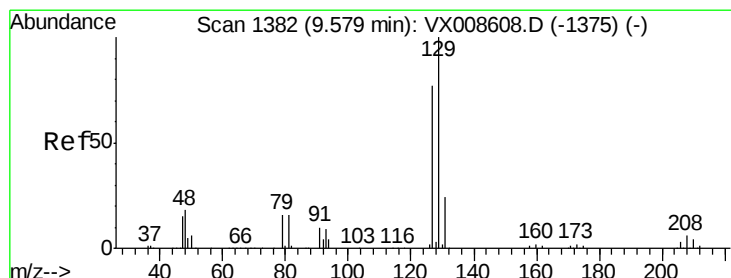
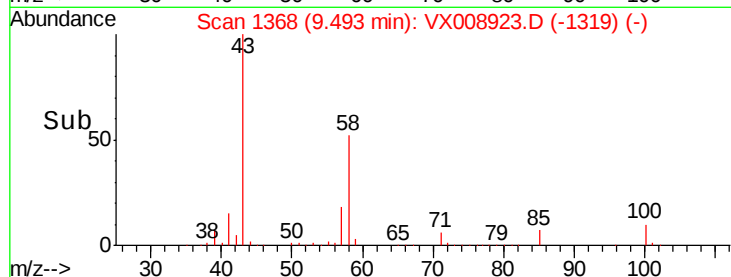
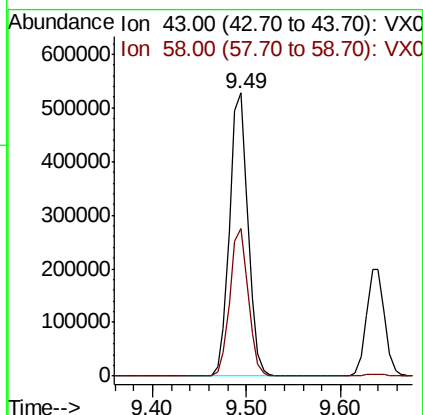
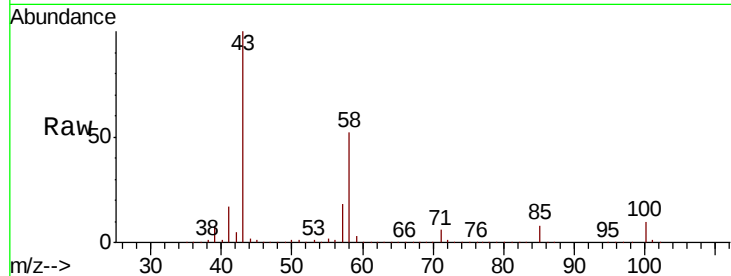




#59  
2-Hexanone  
Concen: 252.726 ug/l  
RT: 9.49 min Scan# 1368  
Delta R.T. -0.00 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

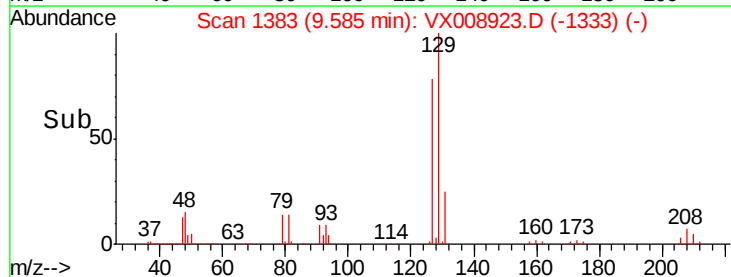
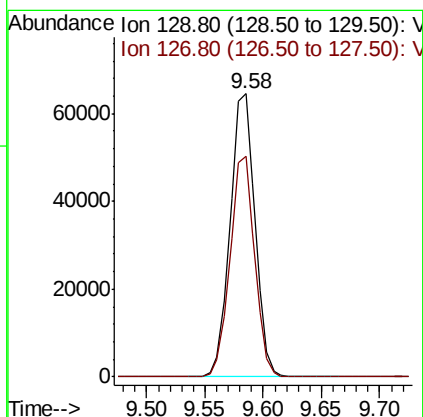
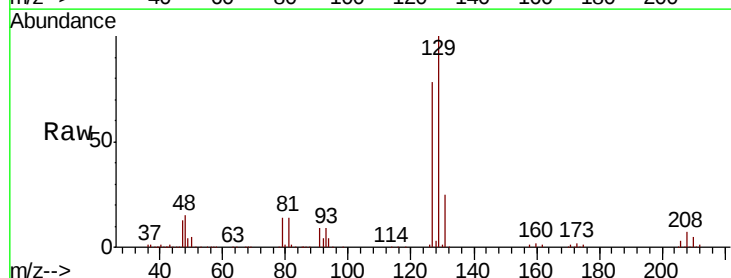
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

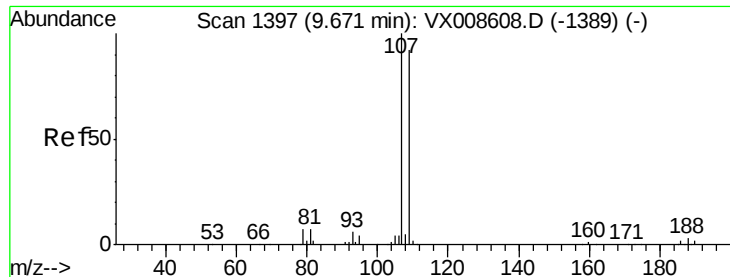
Tot Ion: 43 Resp: 715968  
Ion Ratio Lower Upper  
43 100  
58 51.9 25.9 77.7



#60  
Dibromochloromethane  
Concen: 53.454 ug/l  
RT: 9.58 min Scan# 1383  
Delta R.T. 0.01 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

Tgt Ion:129 Resp: 96175  
Ion Ratio Lower Upper  
129 100  
127 77.1 38.5 115.3

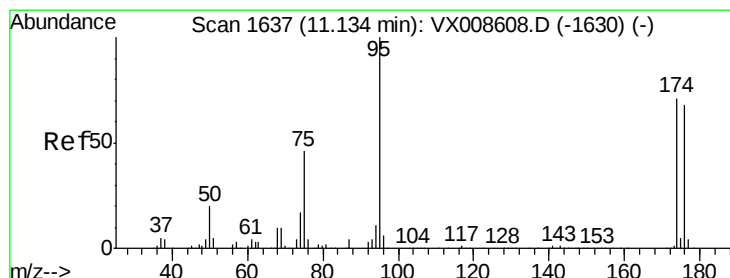
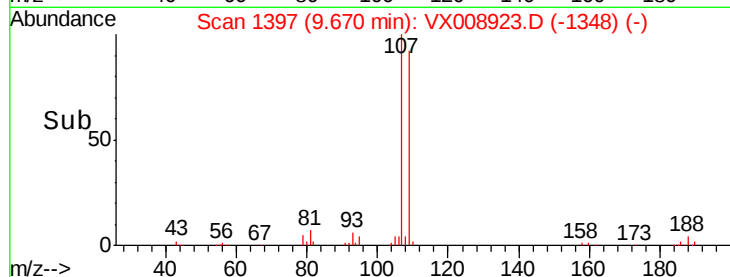
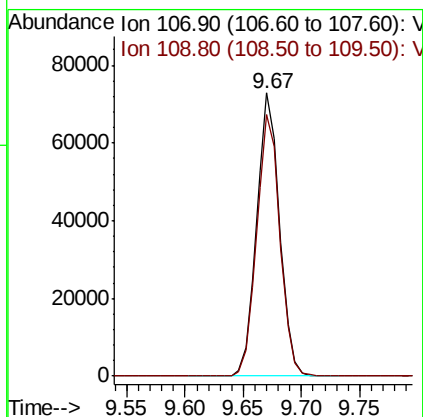
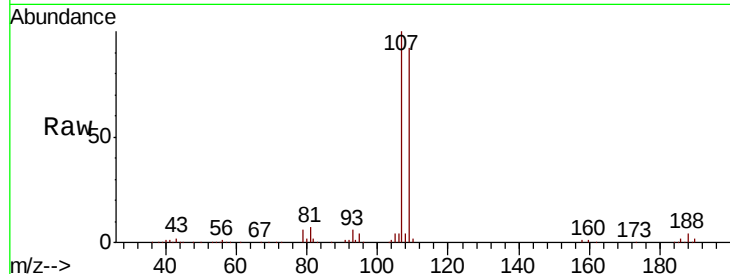




#61  
 1,2-Dibromoethane  
 Concen: 50.389 ug/l  
 RT: 9.67 min Scan# 1397  
 Delta R.T. -0.00 min  
 Lab File: VX008923.D  
 Acq: 13 Apr 2019 06:18

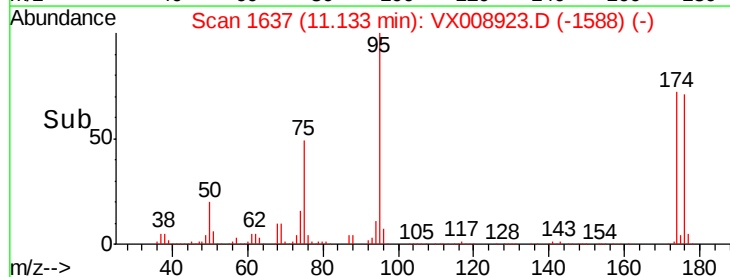
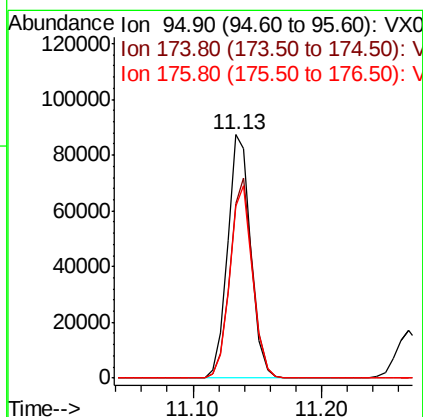
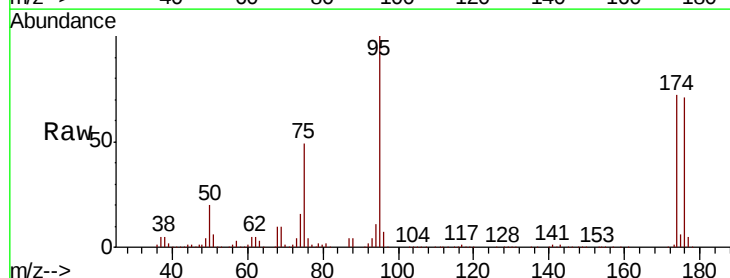
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

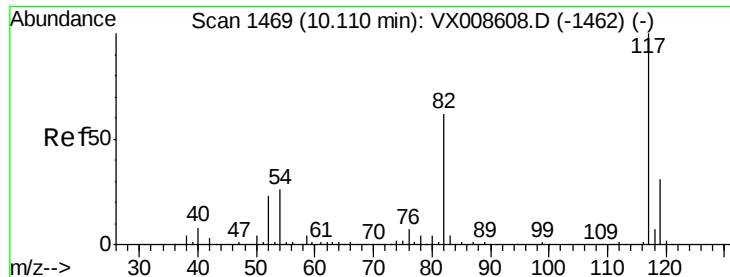
Tot Ion:107 Resp: 100158  
 Ion Ratio Lower Upper  
 107 100  
 109 93.9 74.1 111.1



#62  
 4-Bromofluorobenzene  
 Concen: 49.205 ug/l  
 RT: 11.13 min Scan# 1637  
 Delta R.T. -0.00 min  
 Lab File: VX008923.D  
 Acq: 13 Apr 2019 06:18

Tgt Ion: 95 Resp: 110056  
 Ion Ratio Lower Upper  
 95 100  
 174 80.4 0.0 151.8  
 176 77.5 0.0 145.8

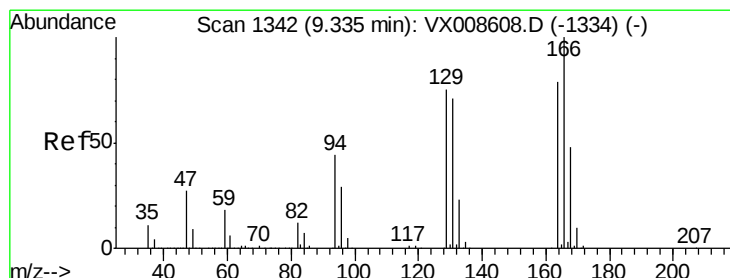
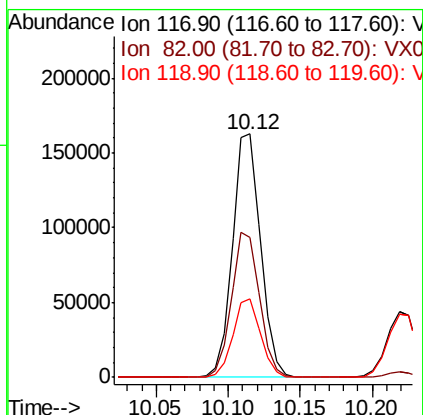
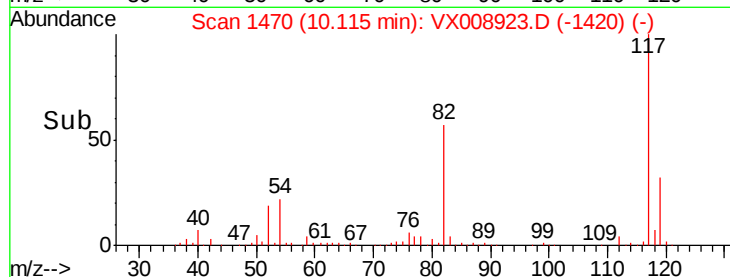
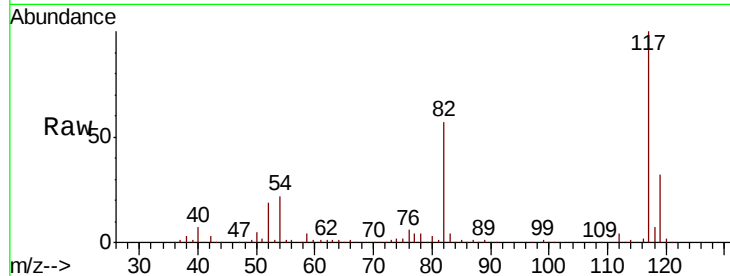




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. 0.01 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

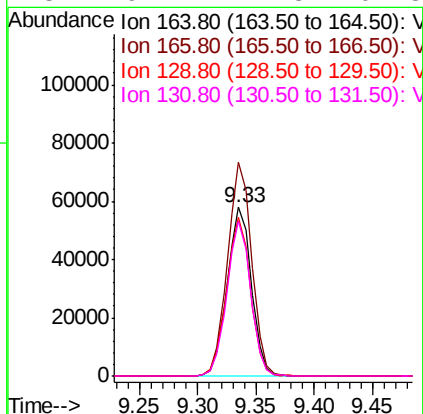
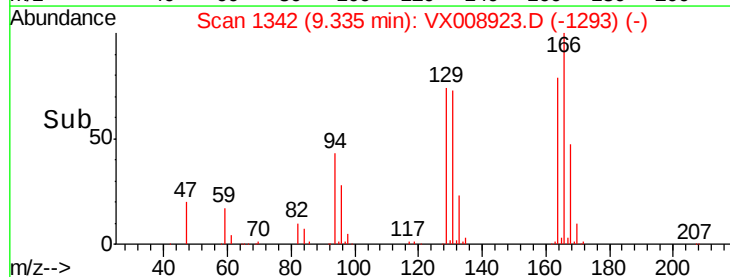
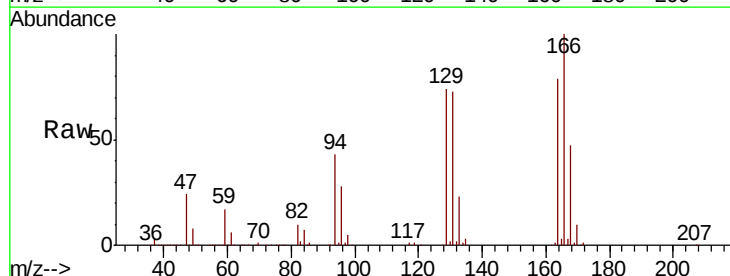
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

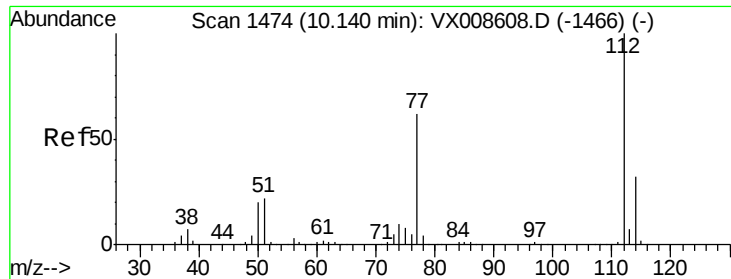
Tot Ion:117 Resp: 222548  
Ion Ratio Lower Upper  
117 100  
82 57.2 49.6 74.4  
119 32.0 25.0 37.4



#64  
Tetrachloroethene  
Concen: 50.845 ug/l  
RT: 9.33 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

Tgt Ion:164 Resp: 83835  
Ion Ratio Lower Upper  
164 100  
166 126.6 101.0 151.6  
129 94.0 75.8 113.8  
131 92.2 71.8 107.8

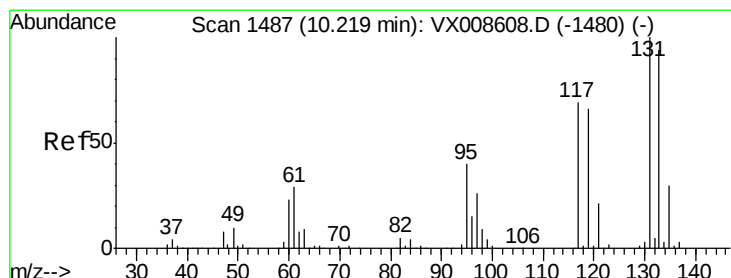
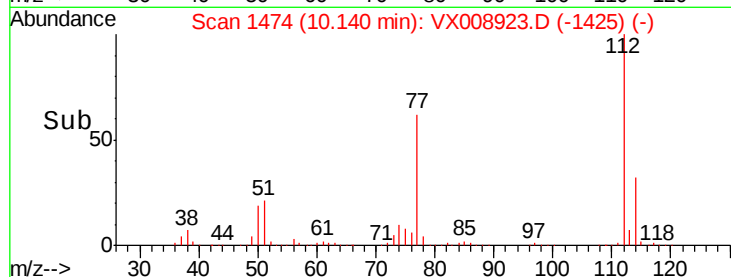
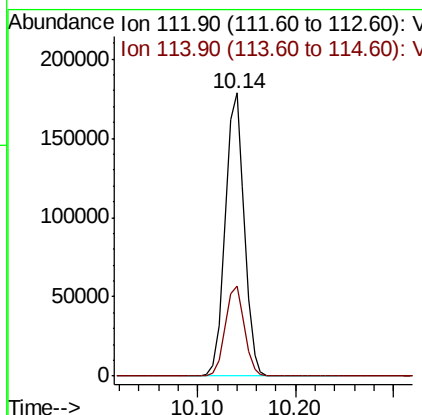
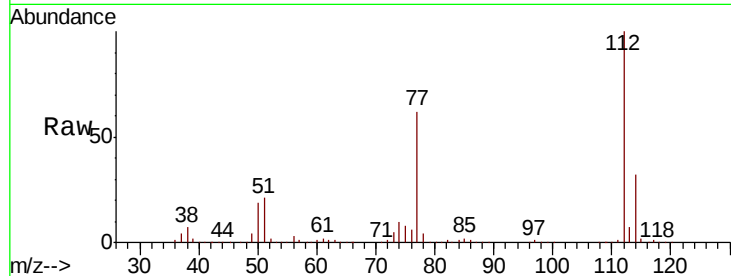




#65  
Chlorobenzene  
Concen: 48.652 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. -0.00 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

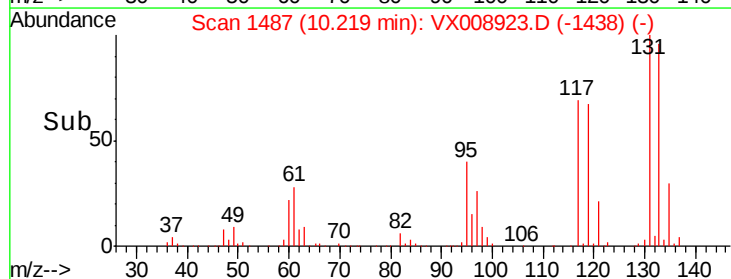
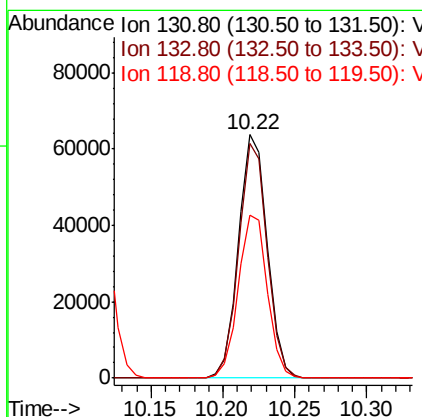
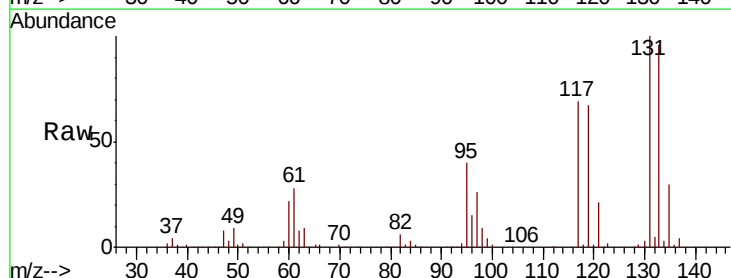
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

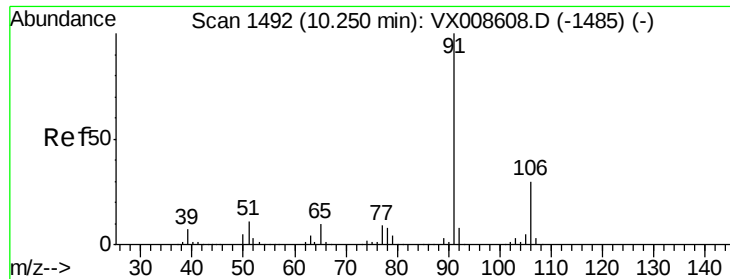
Tot Ion:112 Resp: 240008  
Ion Ratio Lower Upper  
112 100  
114 31.9 25.8 38.8



#66  
1,1,1,2-Tetrachloroethane  
Concen: 50.960 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

Tgt Ion:131 Resp: 88194  
Ion Ratio Lower Upper  
131 100  
133 95.5 47.0 141.2  
119 67.7 33.7 101.0





#67

Ethyl Benzene

Concen: 47.930 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

Instrument :

MSVOA\_X

ClientSampleId :

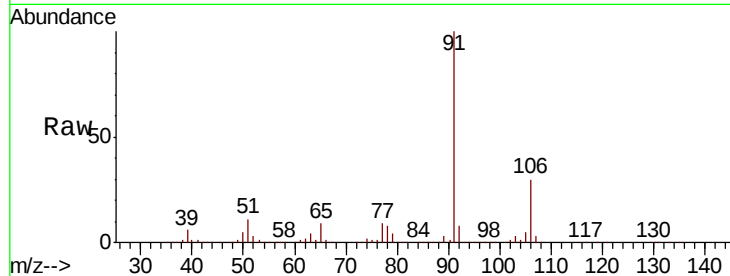
VSTDCCC050EC

Tot Ion: 91 Resp: 440896

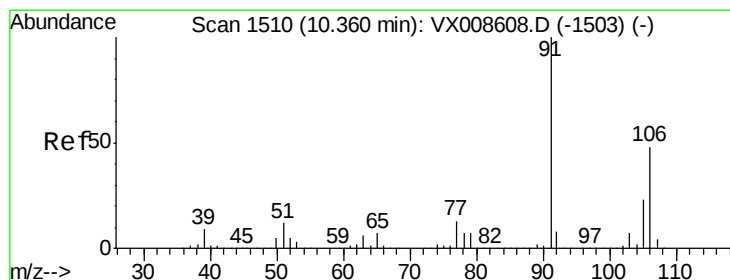
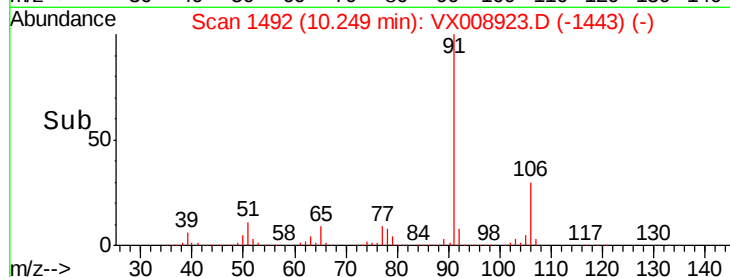
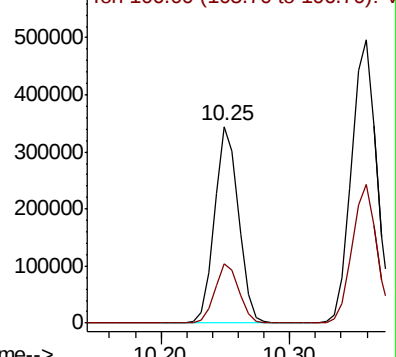
Ion Ratio Lower Upper

91 100

106 30.0 23.7 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX008608.D (-1485) (-)



#68

m/p-Xylenes

Concen: 97.117 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX008923.D

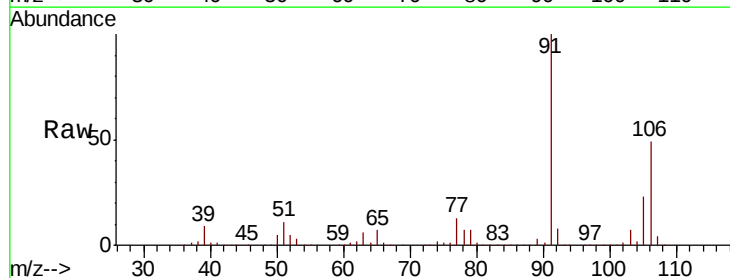
Acq: 13 Apr 2019 06:18

Tgt Ion: 106 Resp: 321209

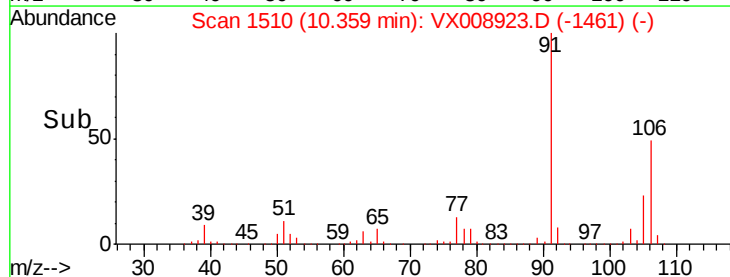
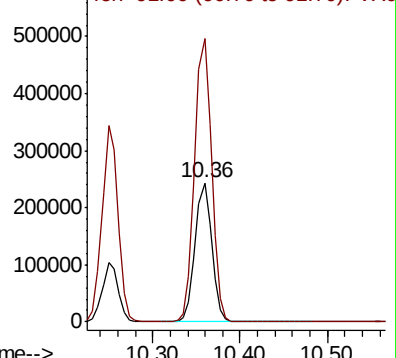
Ion Ratio Lower Upper

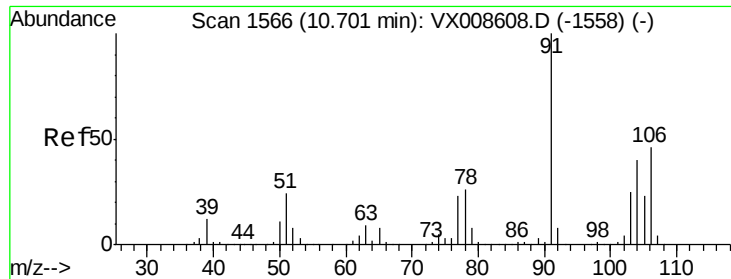
106 100

91 207.9 168.5 252.7



Abundance Ion 106.00 (105.70 to 106.70): VX008608.D (-1503) (-)

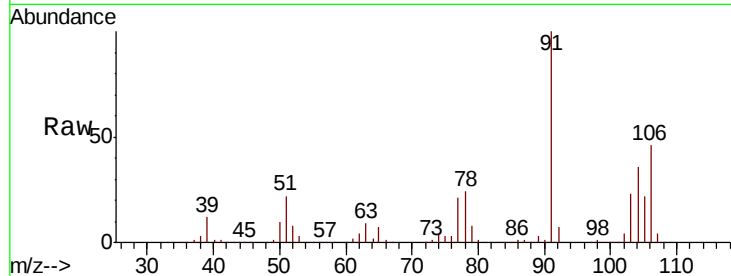




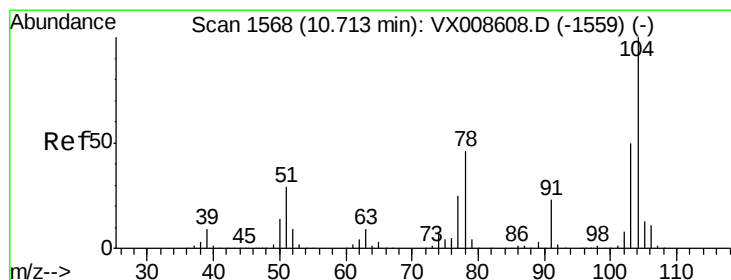
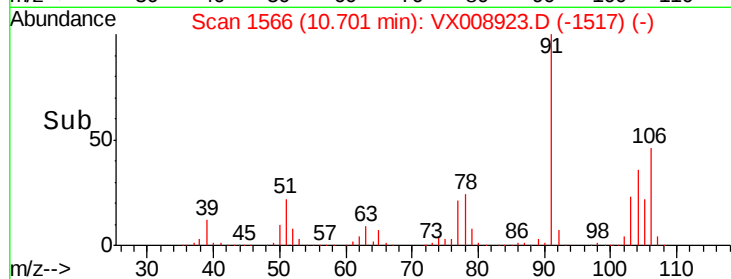
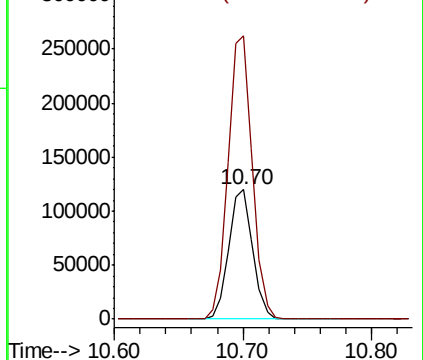
#69  
o-Xylene  
Concen: 48.734 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:106 Resp: 156206  
Ion Ratio Lower Upper  
106 100  
91 222.1 111.5 334.4

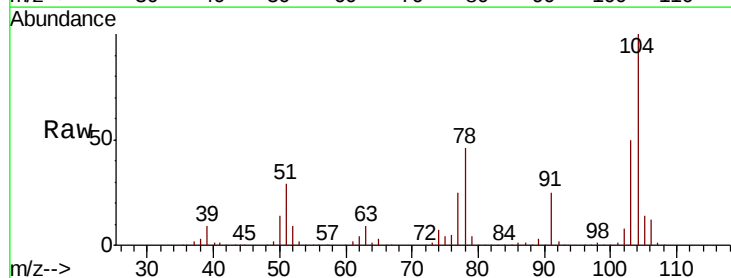


Abundance Ion 106.00 (105.70 to 106.70): V  
Ion 91.00 (90.70 to 91.70): VX0

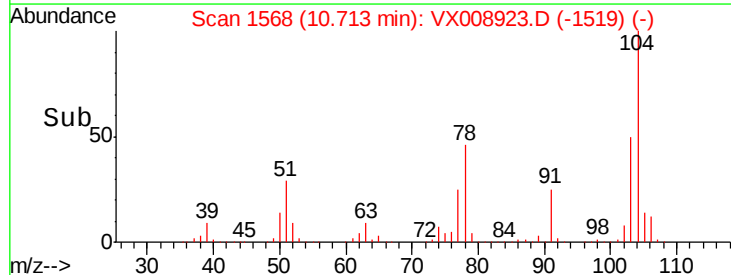
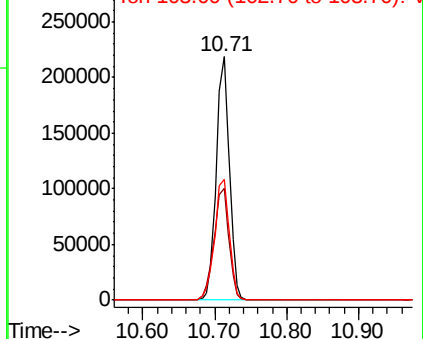


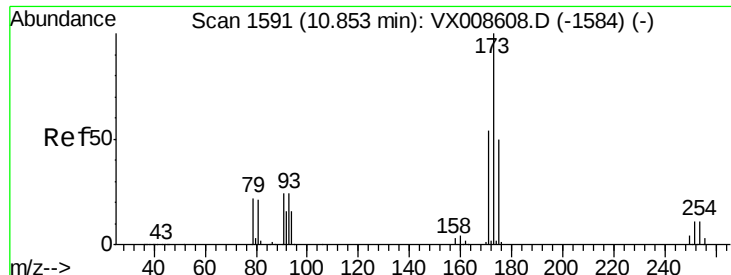
#70  
Styrene  
Concen: 49.976 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

Tgt Ion:104 Resp: 276123  
Ion Ratio Lower Upper  
104 100  
78 52.2 42.3 63.5  
103 55.4 44.4 66.6



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





#71

Bromoform

Concen: 54.709 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

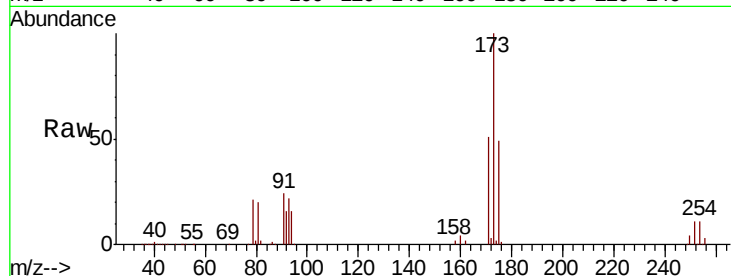
Tot Ion:173 Resp: 72314

Ion Ratio Lower Upper

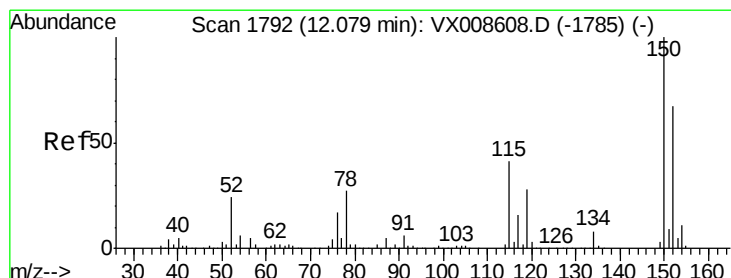
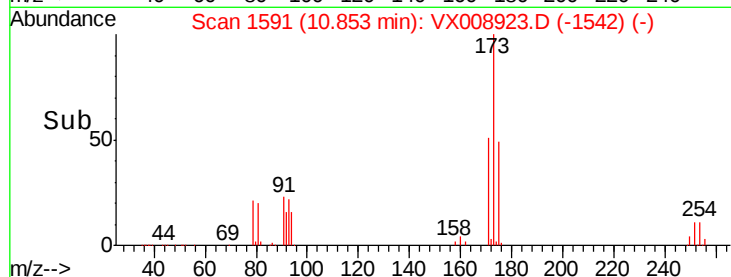
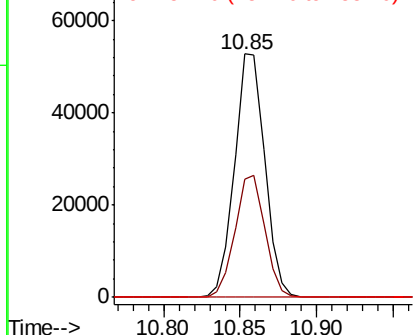
173 100

175 49.5 24.9 74.6

254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V  
Ion 174.70 (174.40 to 175.40): V  
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

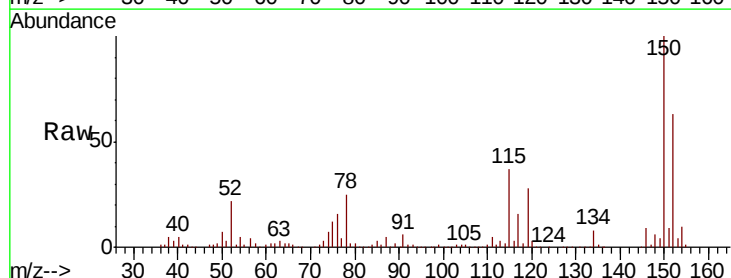
Tgt Ion:152 Resp: 104287

Ion Ratio Lower Upper

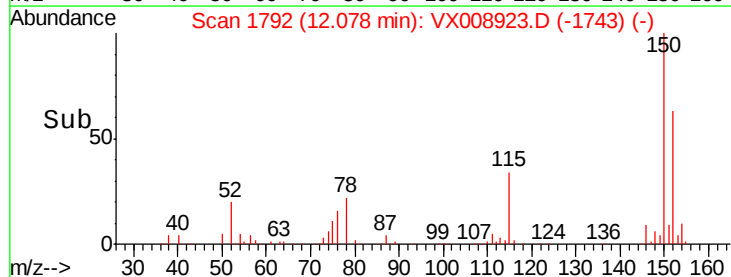
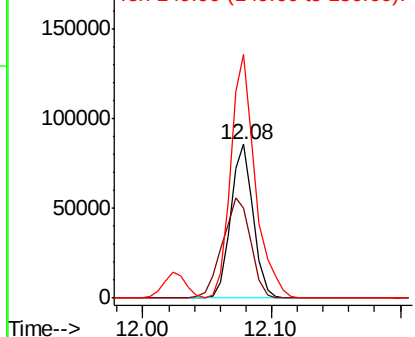
152 100

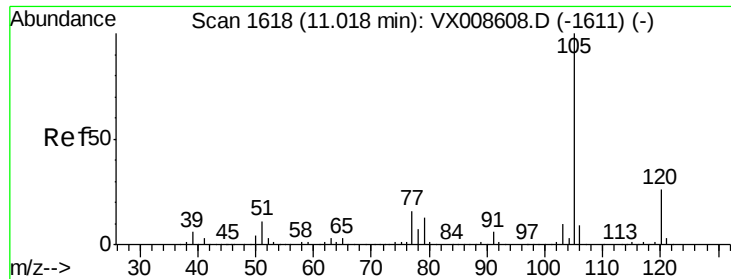
115 82.6 43.5 130.5

150 172.4 0.0 348.8



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

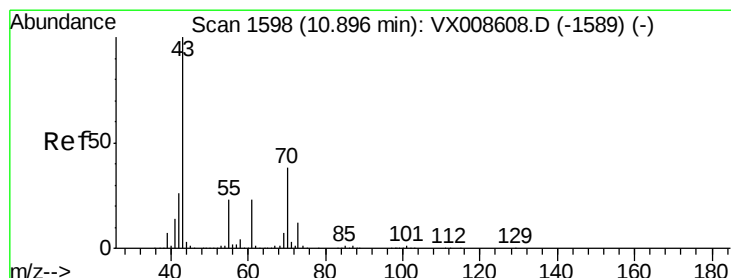
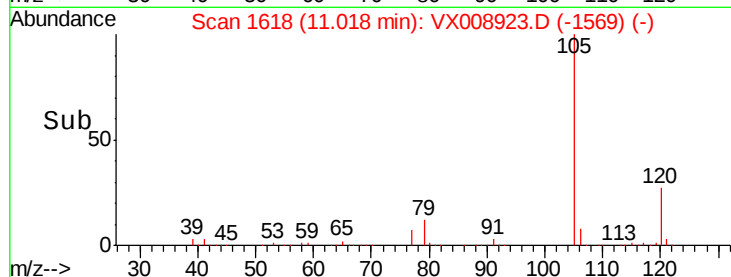
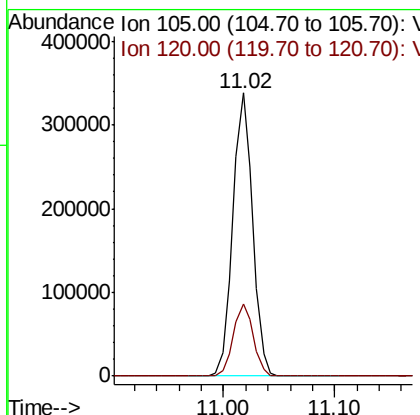
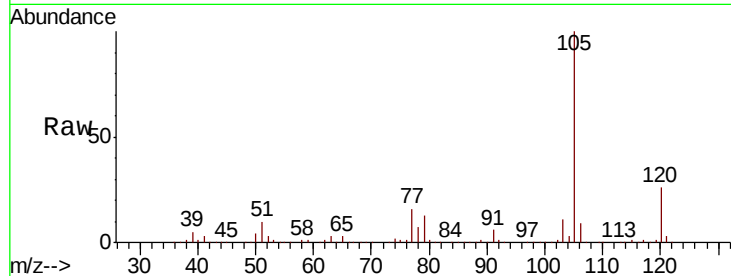




#73  
Isopropylbenzene  
Concen: 47.959 ug/l  
RT: 11.02 min Scan# 1618  
Delta R.T. -0.00 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

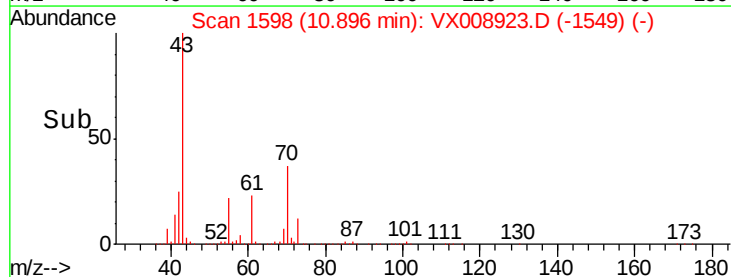
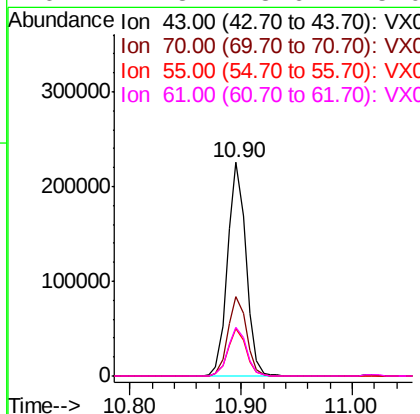
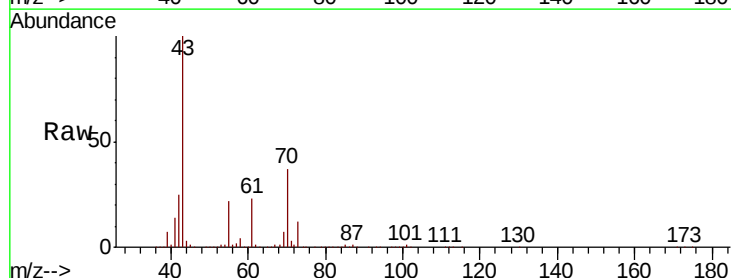
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

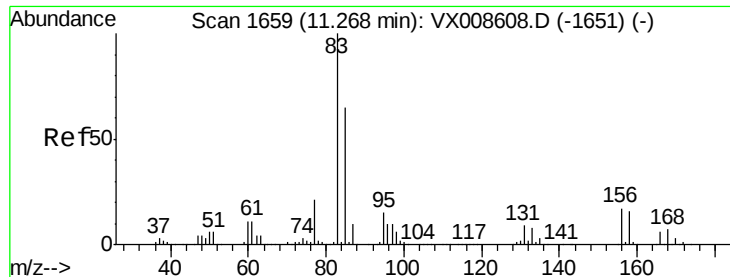
Tot Ion:105 Resp: 414492  
Ion Ratio Lower Upper  
105 100  
120 25.9 12.9 38.6



#74  
N-ethyl acetate  
Concen: 50.657 ug/l  
RT: 10.90 min Scan# 1598  
Delta R.T. -0.00 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

Tgt Ion: 43 Resp: 257581  
Ion Ratio Lower Upper  
43 100  
70 37.5 30.2 45.4  
55 22.0 18.2 27.4  
61 22.8 18.6 28.0





#75

1,1,2,2-Tetrachloroethane

Concen: 46.742 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

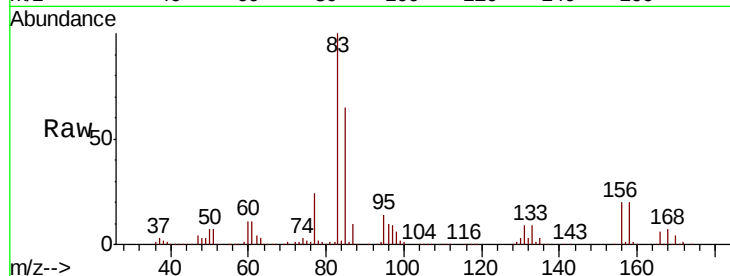
Tot Ion: 83 Resp: 153638

Ion Ratio Lower Upper

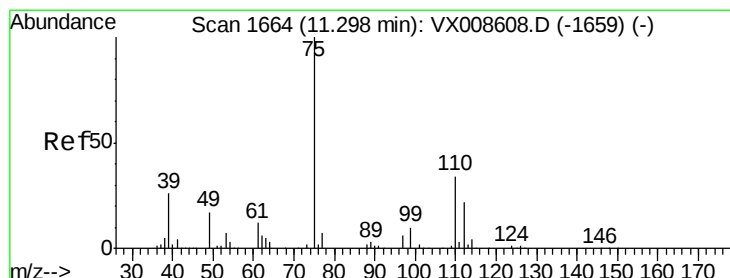
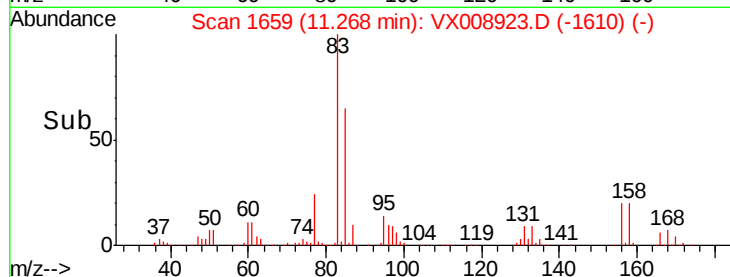
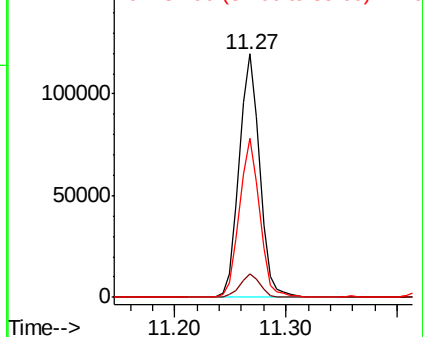
83 100

131 9.3 4.5 13.7

85 64.4 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 130.80 (130.50 to 131.50): V  
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.924 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX008923.D

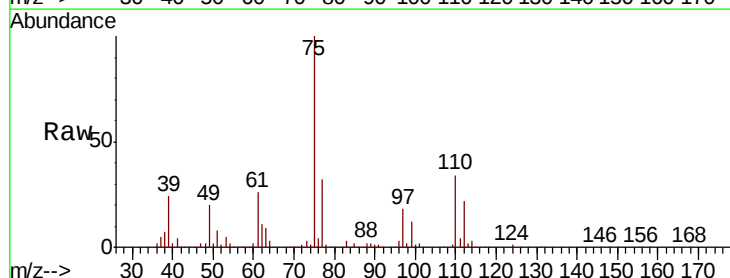
Acq: 13 Apr 2019 06:18

Tgt Ion: 75 Resp: 180270

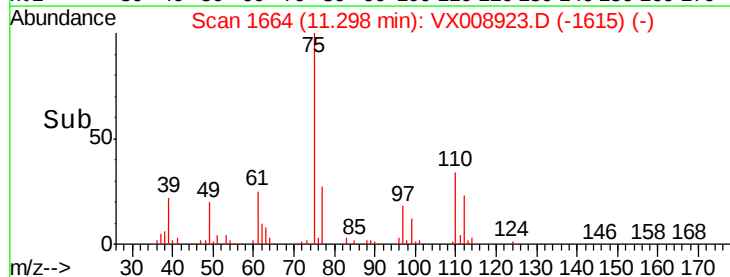
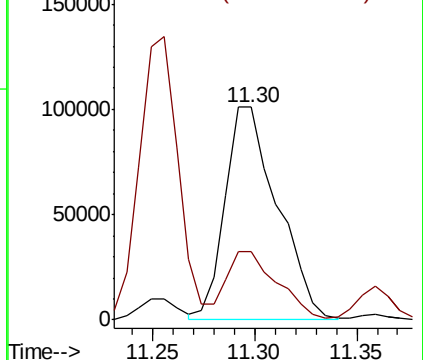
Ion Ratio Lower Upper

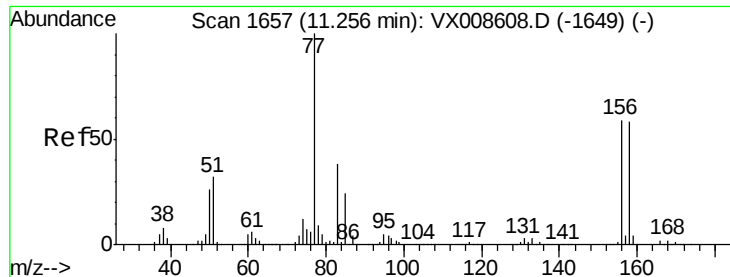
75 100

77 30.3 22.3 66.8



Abundance Ion 74.90 (74.60 to 75.60): VX0  
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.958 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

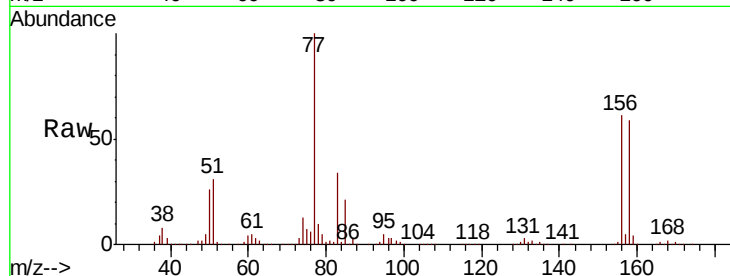
Tot Ion:156 Resp: 103797

Ion Ratio Lower Upper

156 100

77 172.7 89.8 269.6

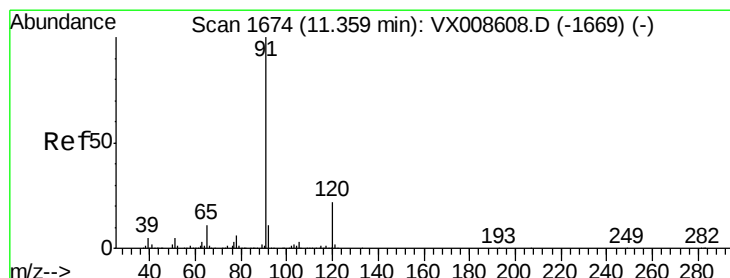
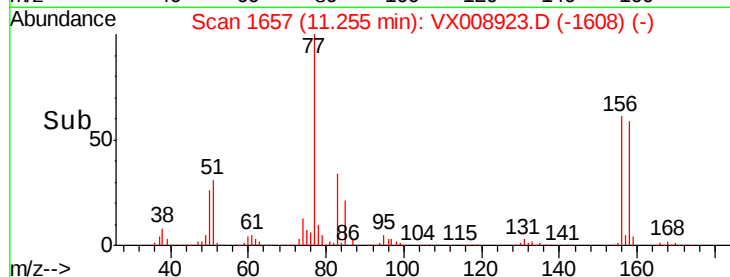
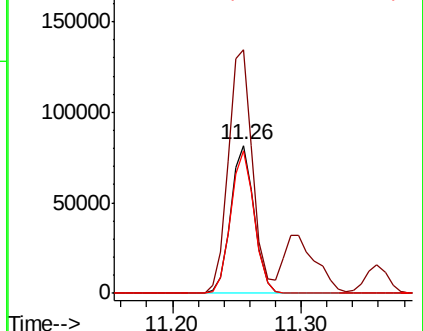
158 97.3 48.6 145.9



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: 46.688 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX008923.D

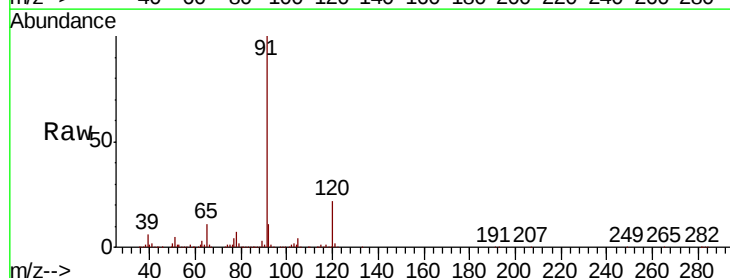
Acq: 13 Apr 2019 06:18

Tgt Ion: 91 Resp: 469833

Ion Ratio Lower Upper

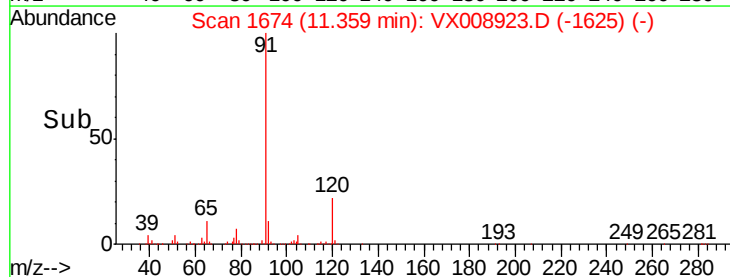
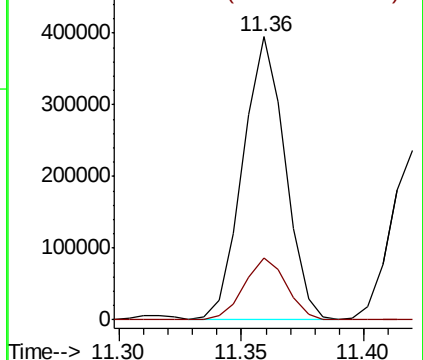
91 100

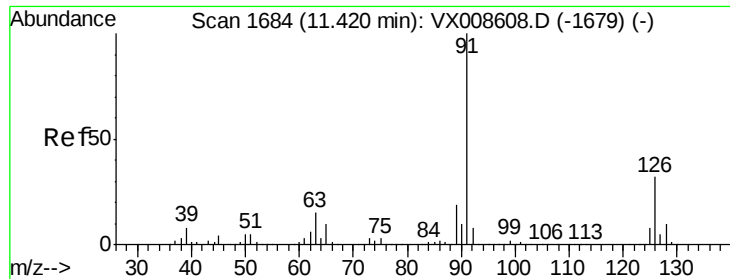
120 22.3 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

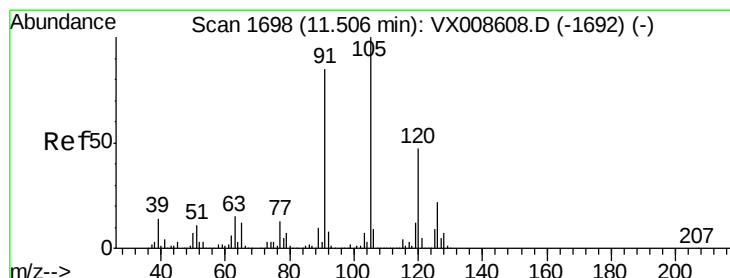
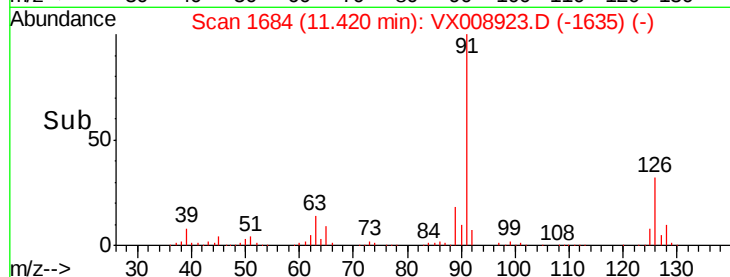
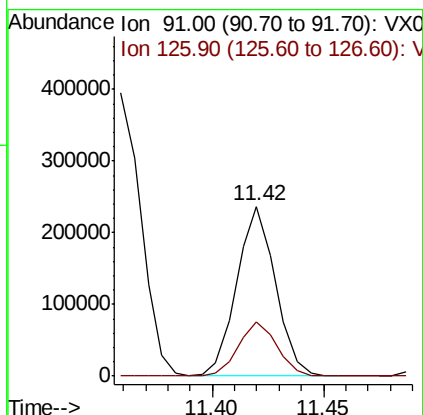
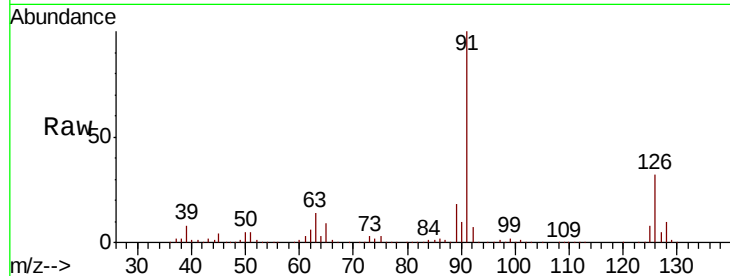




#79  
 2-Chlorotoluene  
 Concen: 46.890 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. -0.00 min  
 Lab File: VX008923.D  
 Acq: 13 Apr 2019 06:18

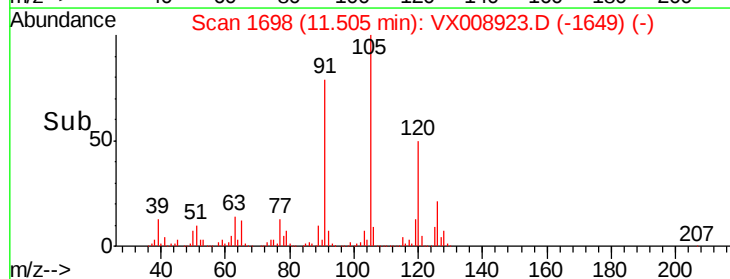
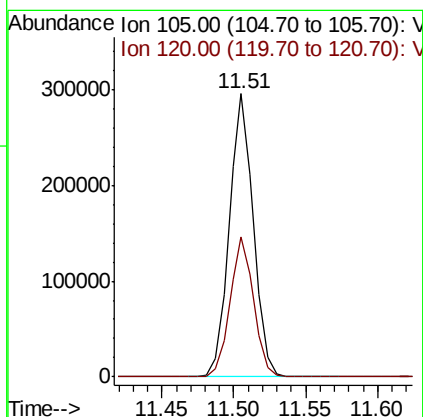
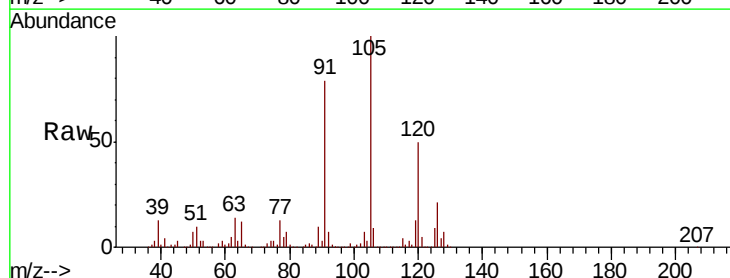
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

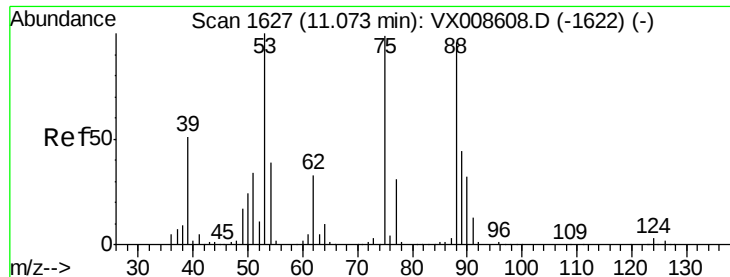
Tot Ion: 91 Resp: 285547  
 Ion Ratio Lower Upper  
 91 100  
 126 32.3 16.1 48.3



#80  
 1,3,5-Trimethylbenzene  
 Concen: 47.540 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: VX008923.D  
 Acq: 13 Apr 2019 06:18

Tgt Ion:105 Resp: 344886  
 Ion Ratio Lower Upper  
 105 100  
 120 48.7 23.5 70.6





#81

trans-1,4-Dichloro-2-butene

Concen: 45.772 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

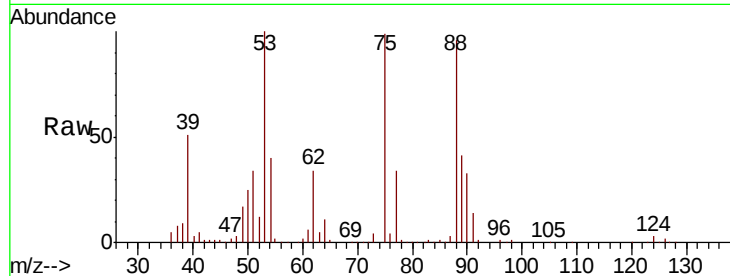
Tot Ion: 75 Resp: 47571

Ion Ratio Lower Upper

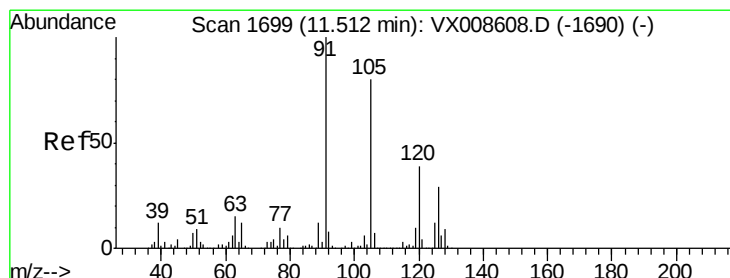
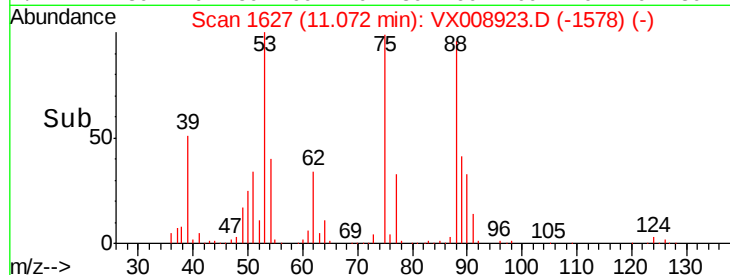
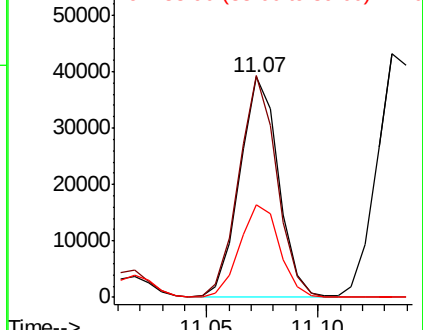
75 100

53 98.4 81.3 121.9

89 43.2 35.6 53.4



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



#82

4-Chlorotoluene

Concen: 45.822 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX008923.D

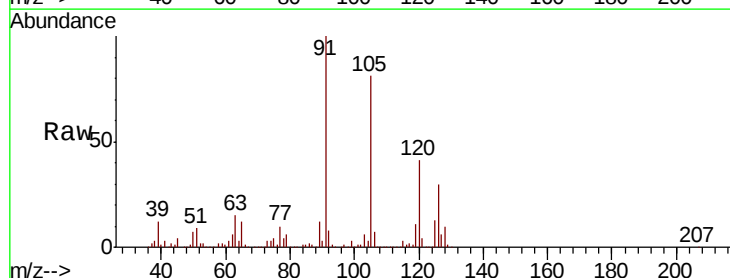
Acq: 13 Apr 2019 06:18

Tgt Ion: 91 Resp: 323005

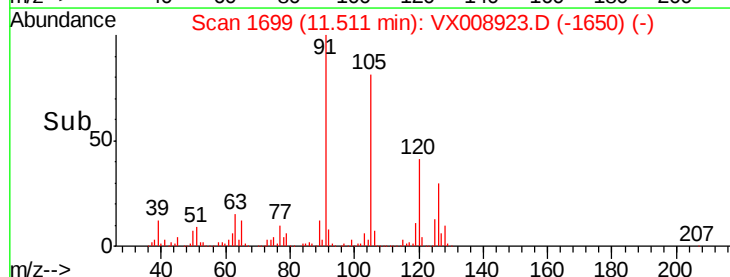
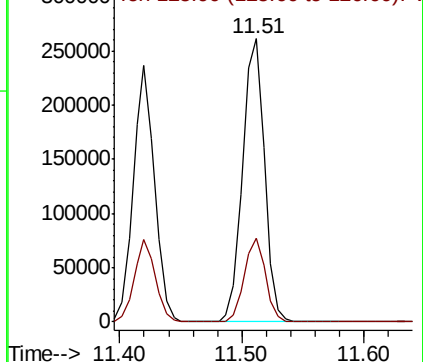
Ion Ratio Lower Upper

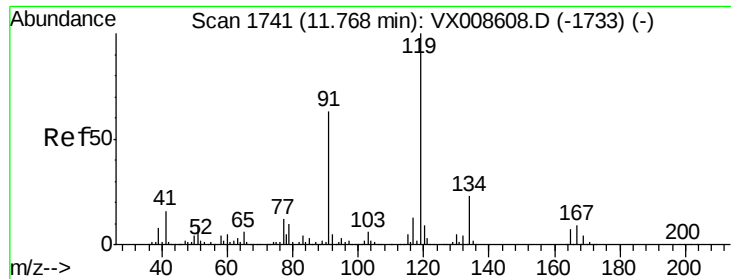
91 100

126 28.7 13.9 41.6



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

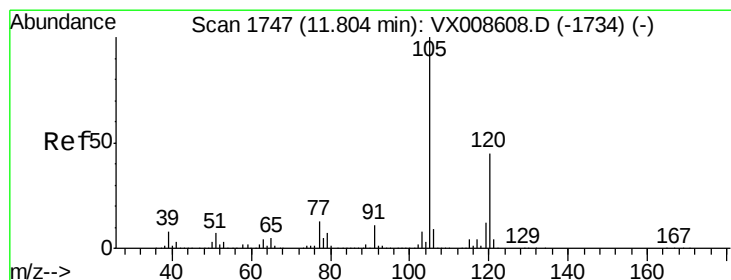
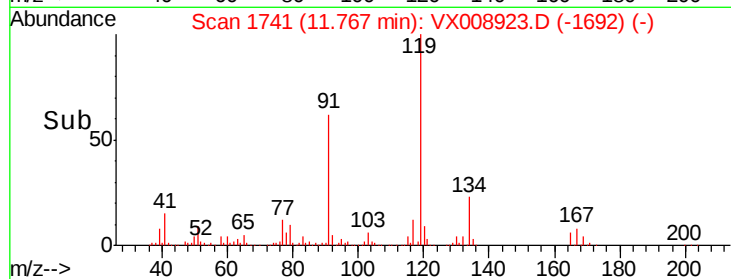
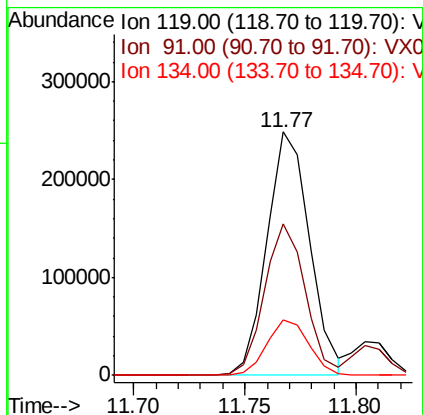
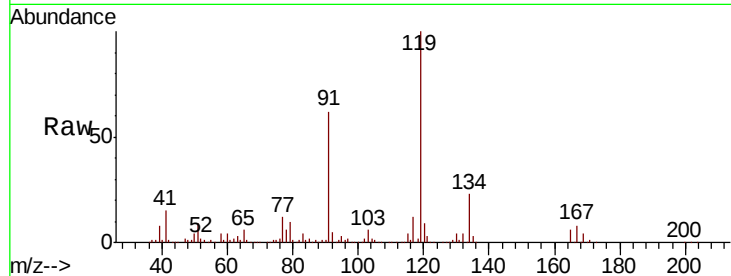




#83  
 tert-Butylbenzene  
 Concen: 47.268 ug/l  
 RT: 11.77 min Scan# 1741  
 Delta R.T. -0.00 min  
 Lab File: VX008923.D  
 Acq: 13 Apr 2019 06:18

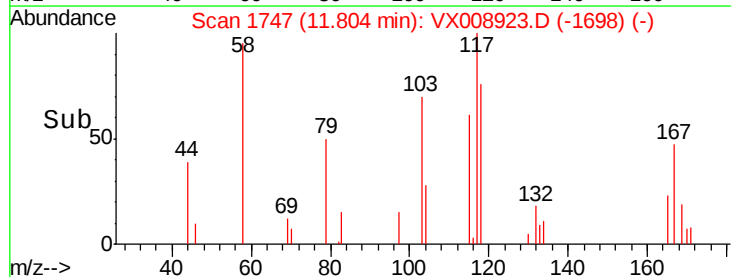
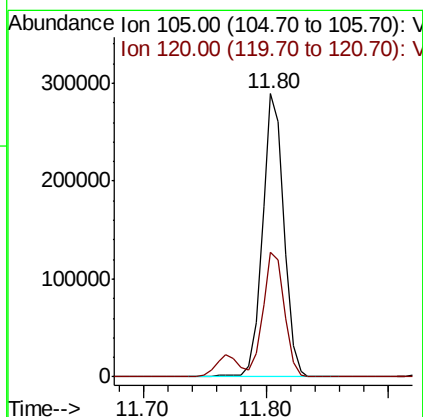
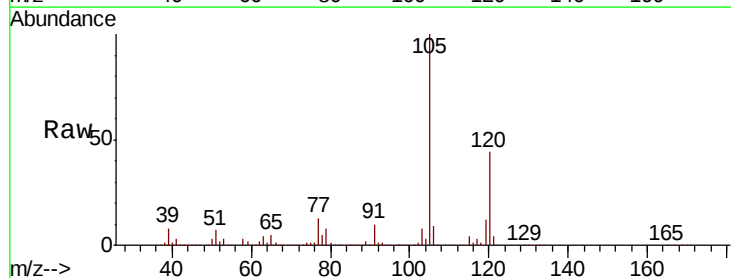
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

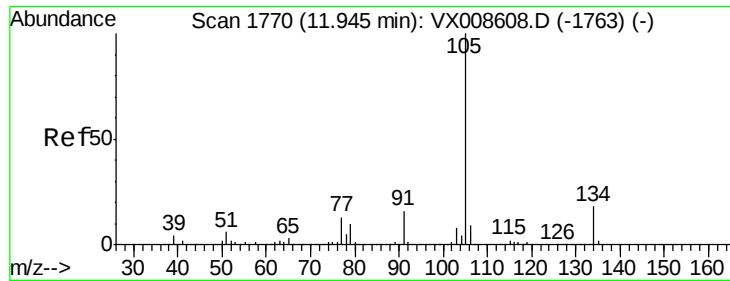
Tot Ion:119 Resp: 329913  
 Ion Ratio Lower Upper  
 119 100  
 91 59.5 30.0 90.1  
 134 22.6 11.1 33.3



#84  
 1,2,4-Trimethylbenzene  
 Concen: 47.832 ug/l  
 RT: 11.80 min Scan# 1747  
 Delta R.T. -0.00 min  
 Lab File: VX008923.D  
 Acq: 13 Apr 2019 06:18

Tgt Ion:105 Resp: 351366  
 Ion Ratio Lower Upper  
 105 100  
 120 43.8 21.8 65.3





#85

sec-Butylbenzene

Concen: 47.434 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

Instrument :

MSVOA\_X

ClientSampleId :

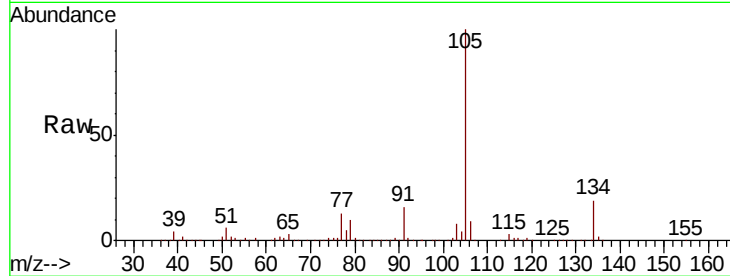
VSTDCCC050EC

Tot Ion:105 Resp: 393254

Ion Ratio Lower Upper

105 100

134 19.3 9.4 28.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

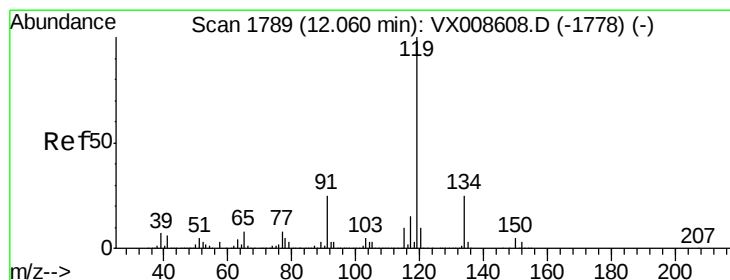
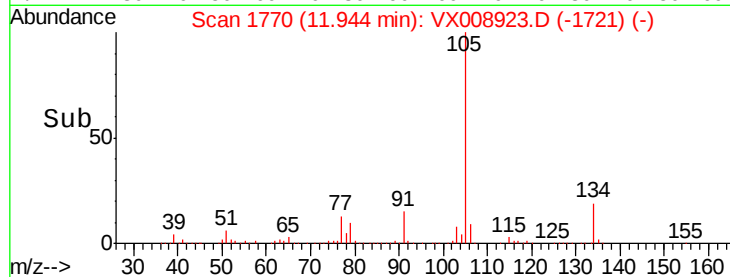
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 47.545 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

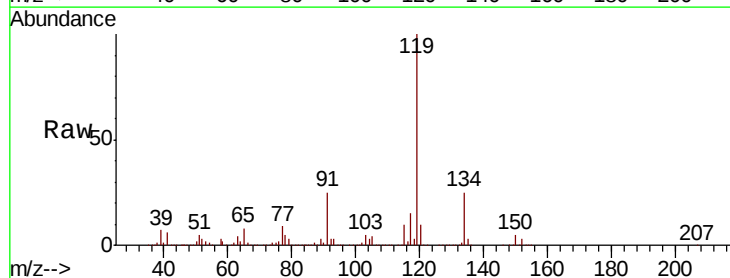
Tgt Ion:119 Resp: 353785

Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.4

91 23.7 12.2 36.6



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

12.06

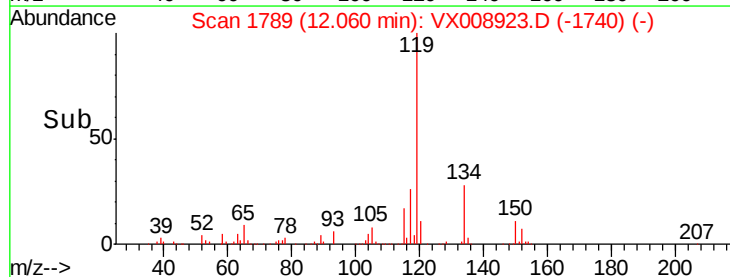
300000

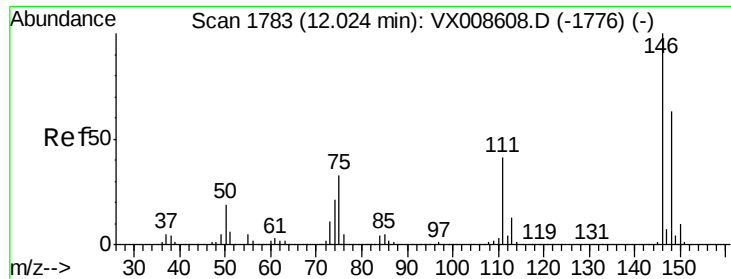
200000

100000

0

Time-->

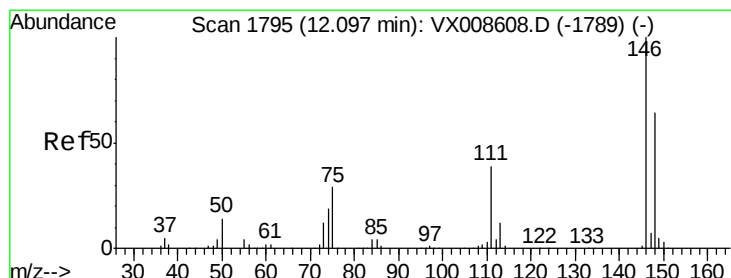
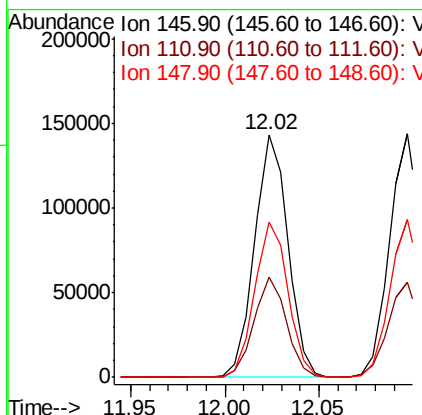
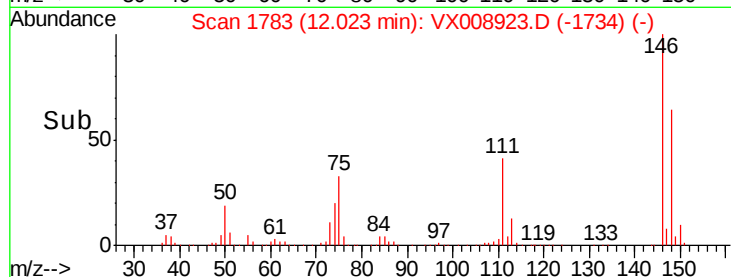
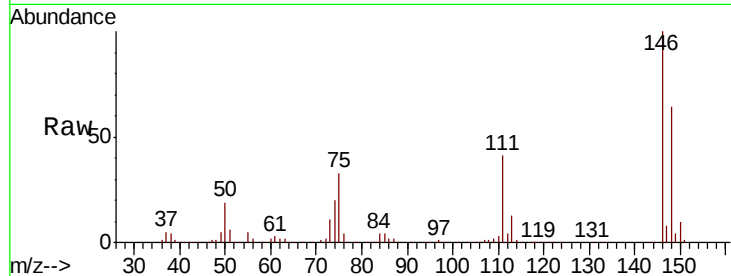




#87  
 1,3-Dichlorobenzene  
 Concen: 47.334 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX008923.D  
 Acq: 13 Apr 2019 06:18

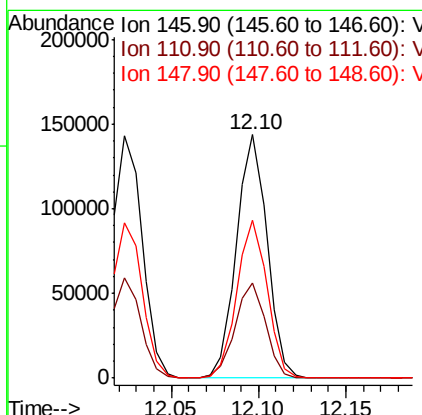
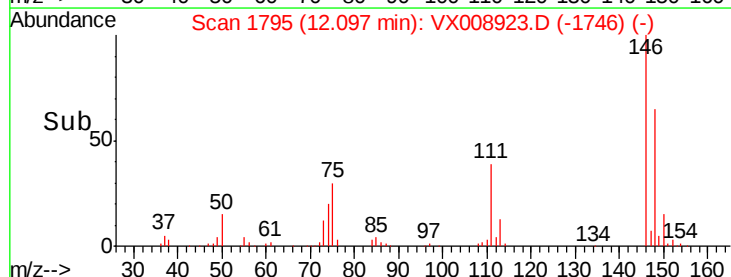
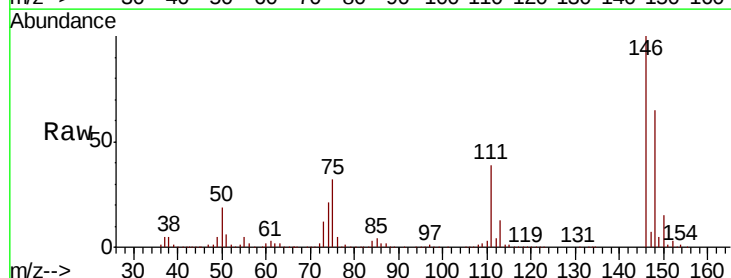
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

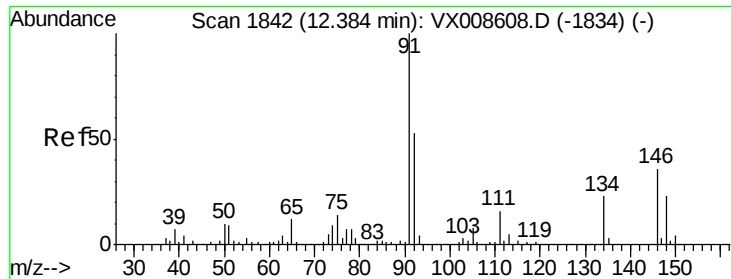
Tot Ion:146 Resp: 176060  
 Ion Ratio Lower Upper  
 146 100  
 111 40.4 20.5 61.5  
 148 63.9 31.6 94.7



#88  
 1,4-Dichlorobenzene  
 Concen: 46.410 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX008923.D  
 Acq: 13 Apr 2019 06:18

Tgt Ion:146 Resp: 174801  
 Ion Ratio Lower Upper  
 146 100  
 111 39.4 20.2 60.6  
 148 64.5 32.0 96.0

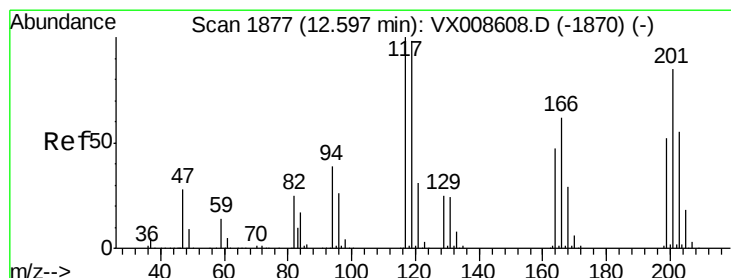
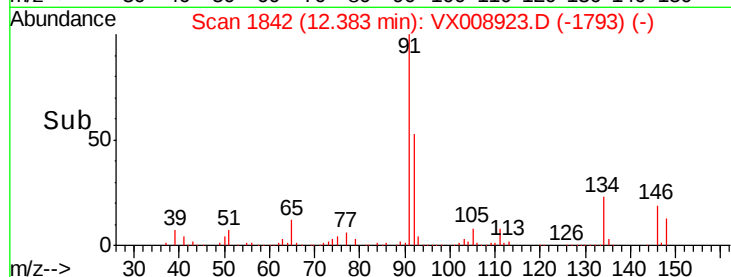
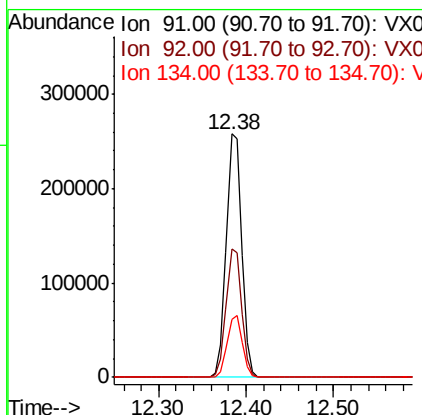
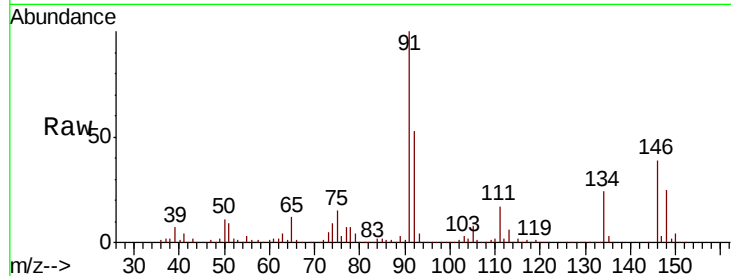




#89  
n-Butylbenzene  
Concen: 44.996 ug/l  
RT: 12.38 min Scan# 1842  
Delta R.T. -0.00 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

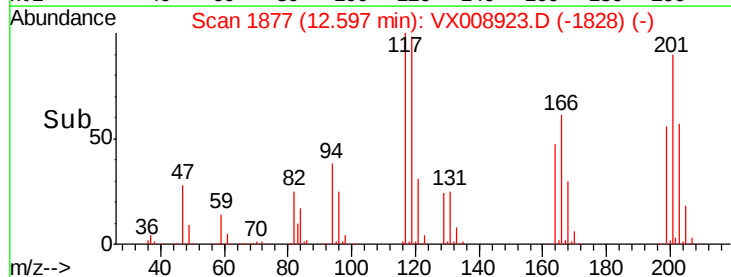
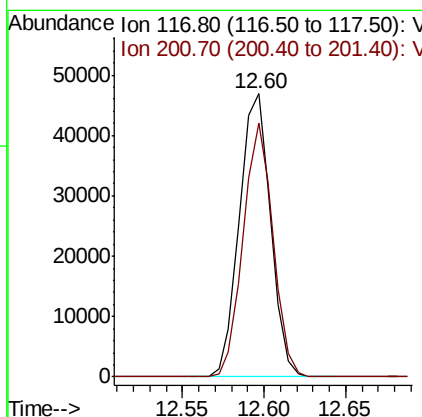
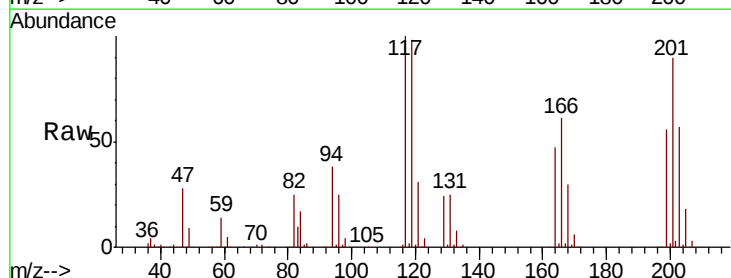
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 91 Resp: 313997  
Ion Ratio Lower Upper  
91 100  
92 52.8 26.4 79.2  
134 24.9 12.0 36.0



#90  
Hexachloroethane  
Concen: 50.772 ug/l  
RT: 12.60 min Scan# 1877  
Delta R.T. -0.00 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

Tgt Ion: 117 Resp: 62662  
Ion Ratio Lower Upper  
117 100  
201 85.8 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 48.045 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

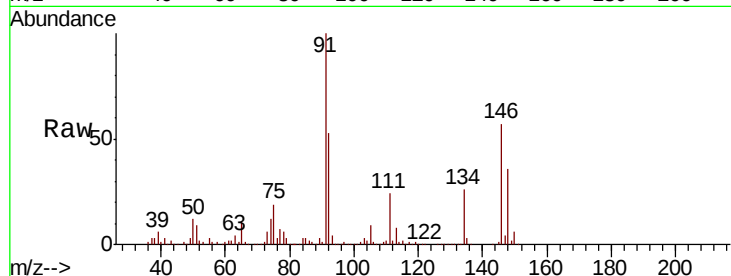
Tot Ion:146 Resp: 177431

Ion Ratio Lower Upper

146 100

111 41.1 21.3 63.9

148 63.9 31.7 95.1

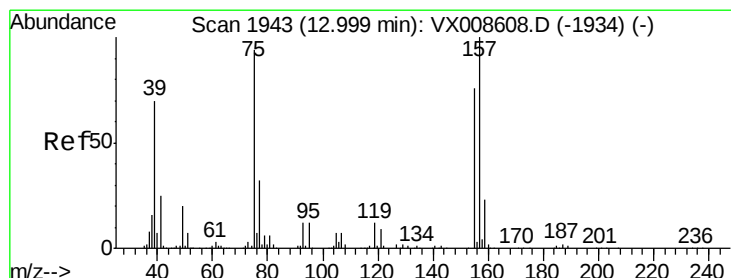
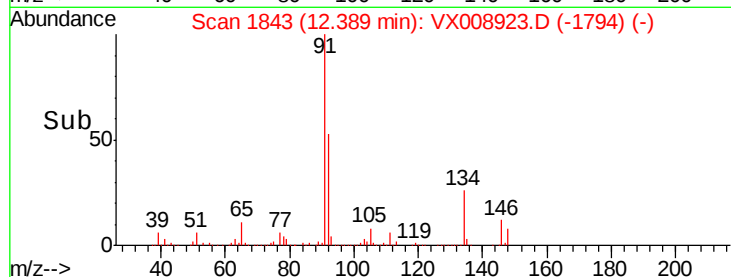
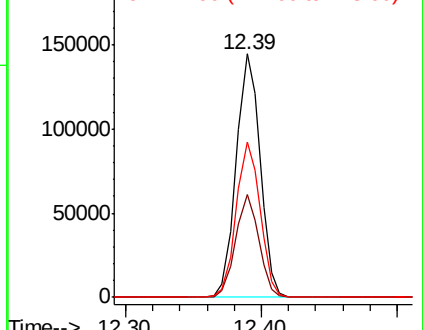


Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.970 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX008923.D

Acq: 13 Apr 2019 06:18

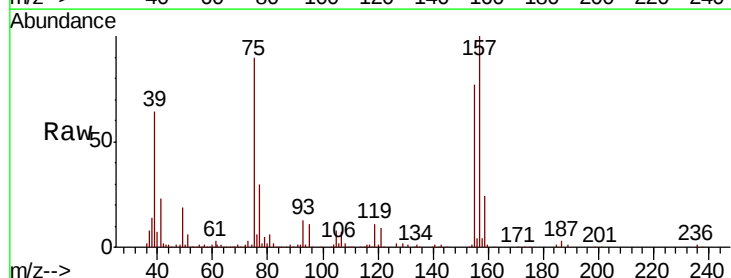
Tgt Ion: 75 Resp: 35408

Ion Ratio Lower Upper

75 100

155 83.5 39.9 119.6

157 106.2 51.5 154.7

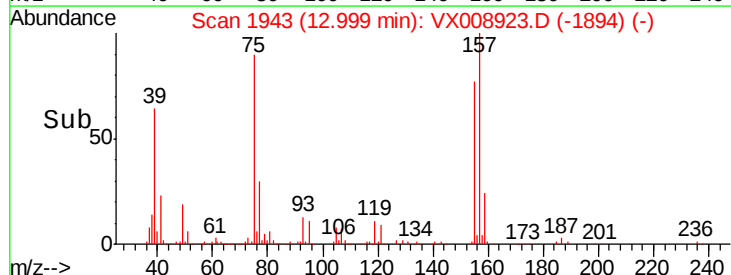
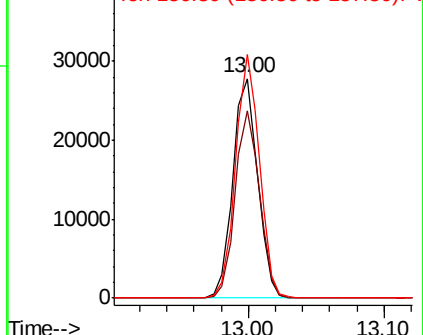


Abundance

Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

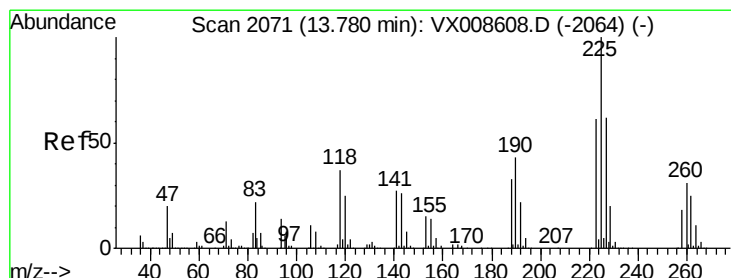
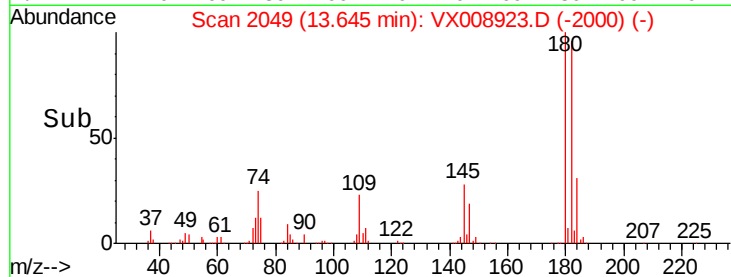
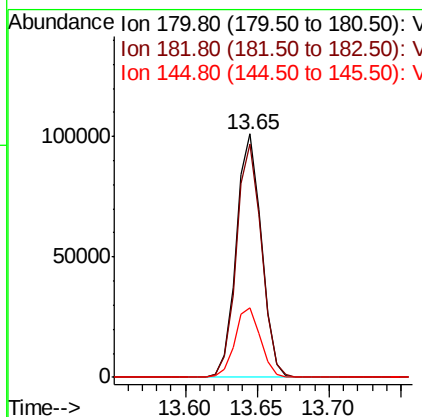
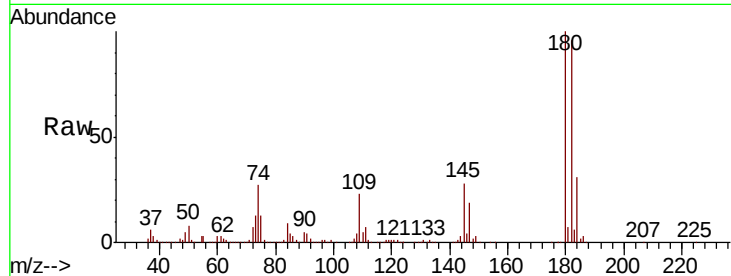




#93  
 1,2,4-Trichlorobenzene  
 Concen: 47.988 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX008923.D  
 Acq: 13 Apr 2019 06:18

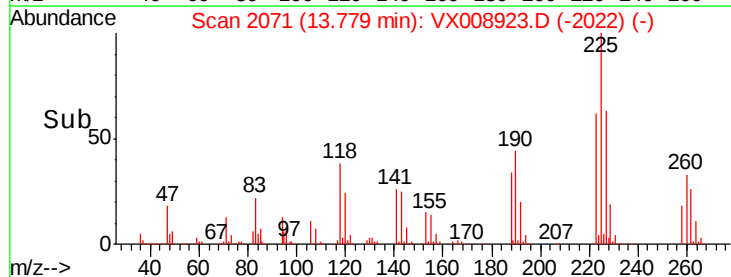
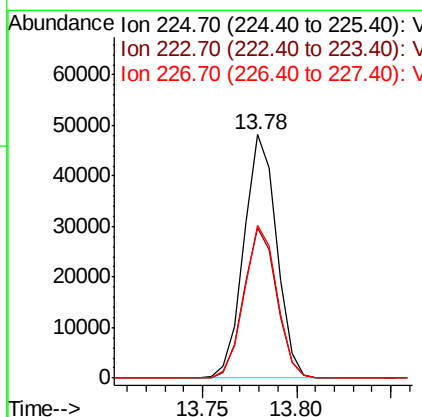
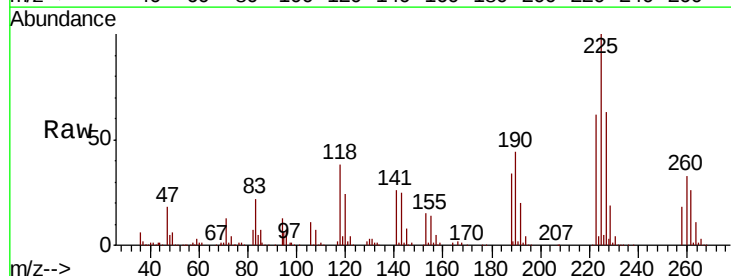
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

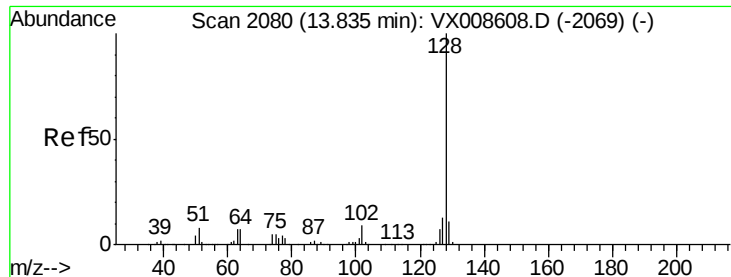
|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 180   | Resp: | 123221 |
| Ion      | Ratio | Lower | Upper  |
| 180      | 100   |       |        |
| 182      | 95.5  | 47.2  | 141.6  |
| 145      | 29.3  | 15.3  | 45.9   |



#94  
 Hexachlorobutadiene  
 Concen: 47.160 ug/l  
 RT: 13.78 min Scan# 2071  
 Delta R.T. -0.00 min  
 Lab File: VX008923.D  
 Acq: 13 Apr 2019 06:18

|          |       |       |       |
|----------|-------|-------|-------|
| Tgt Ion: | 225   | Resp: | 58075 |
| Ion      | Ratio | Lower | Upper |
| 225      | 100   |       |       |
| 223      | 61.9  | 31.2  | 93.6  |
| 227      | 62.5  | 31.9  | 95.5  |

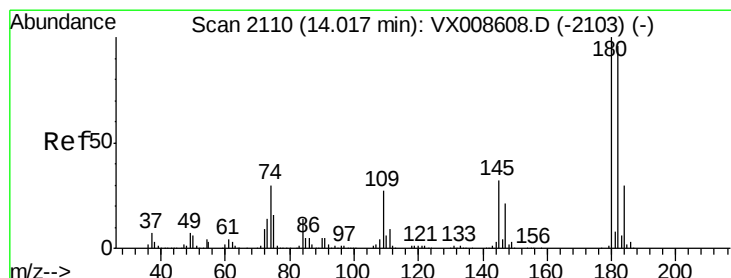
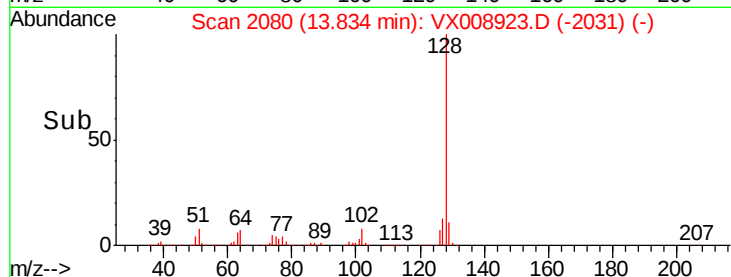
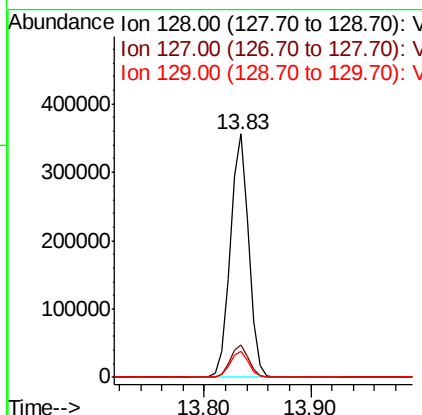
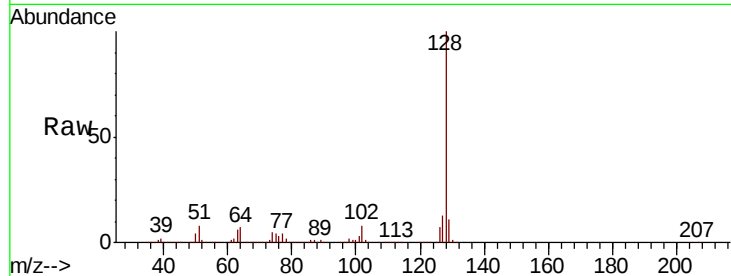




#95  
Naphthalene  
Concen: 49.994 ug/l  
RT: 13.83 min Scan# 2080  
Delta R.T. -0.00 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:128 Resp: 429042  
Ion Ratio Lower Upper  
128 100  
127 13.3 10.4 15.6  
129 10.8 8.6 13.0



#96  
1,2,3-Trichlorobenzene  
Concen: 49.353 ug/l  
RT: 14.02 min Scan# 2110  
Delta R.T. -0.00 min  
Lab File: VX008923.D  
Acq: 13 Apr 2019 06:18

Tgt Ion:180 Resp: 126614  
Ion Ratio Lower Upper  
180 100  
182 94.5 48.1 144.3  
145 31.0 16.3 48.8

