

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102518\  
 Data File : VX005597.D  
 Acq On : 25 Oct 2018 18:43  
 Operator : JC/MD  
 Sample : VSTDCCC050EC  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Quant Time: Oct 26 05:24:43 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 25 02:52:45 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) Pentafluorobenzene      | 5.67  | 168  | 209201   | 50.00 | ug/l  | 0.00     |
| 34) 1,4-Difluorobenzene    | 6.86  | 114  | 298390   | 50.00 | ug/l  | 0.00     |
| 63) Chlorobenzene-d5       | 10.12 | 117  | 280702   | 50.00 | ug/l  | 0.00     |
| 72) 1,4-Dichlorobenzene-d4 | 12.08 | 152  | 162161   | 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   | 122412   | 47.94 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 95.88% |          |
| 35) Dibromofluoromethane    | 5.50  | 113  | 98762    | 48.88 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 97.76% |          |
| 50) Toluene-d8              | 8.71  | 98   | 361387   | 49.78 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.56% |          |
| 62) 4-Bromofluorobenzene    | 11.14 | 95   | 136384   | 49.74 | ug/l   | 0.00     |
| Spiked Amount               |       |      | Recovery | =     | 99.48% |          |

| Target Compounds              | R.T. | QIon | Response | Conc    | Units  | Qvalue |
|-------------------------------|------|------|----------|---------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.20 | 85   | 126336   | 61.182  | ug/l   | 99     |
| 3) Chloromethane              | 1.32 | 50   | 145428   | 55.303  | ug/l   | 92     |
| 4) Vinyl Chloride             | 1.40 | 62   | 149501   | 57.818  | ug/l # | 86     |
| 5) Bromomethane               | 1.64 | 94   | 80377    | 49.956  | ug/l   | 98     |
| 6) Chloroethane               | 1.71 | 64   | 85093    | 51.515  | ug/l   | 91     |
| 7) Trichlorofluoromethane     | 1.92 | 101  | 189384   | 52.711  | ug/l   | 92     |
| 8) Diethyl Ether              | 2.19 | 74   | 69019    | 48.136  | ug/l   | 100    |
| 9) 1,1,2-Trichlorotrifluoroet | 2.38 | 101  | 100601   | 48.801  | ug/l   | 99     |
| 10) Methyl Iodide             | 2.51 | 142  | 127984   | 58.932  | ug/l   | 99     |
| 11) Tert butyl alcohol        | 3.08 | 59   | 170001   | 247.385 | ug/l   | 100    |
| 12) 1,1-Dichloroethene        | 2.37 | 96   | 94264    | 48.002  | ug/l   | 97     |
| 13) Acrolein                  | 2.29 | 56   | 70840    | 202.087 | ug/l   | 98     |
| 14) Allyl chloride            | 2.73 | 41   | 212962   | 48.591  | ug/l   | 99     |
| 15) Acrylonitrile             | 3.15 | 53   | 376906   | 244.594 | ug/l   | 99     |
| 16) Acetone                   | 2.45 | 43   | 344827   | 255.539 | ug/l   | 99     |
| 17) Carbon Disulfide          | 2.57 | 76   | 291487   | 48.693  | ug/l   | 100    |
| 18) Methyl Acetate            | 2.78 | 43   | 182024   | 54.742  | ug/l   | 97     |
| 19) Methyl tert-butyl Ether   | 3.20 | 73   | 338288   | 48.292  | ug/l   | 100    |
| 20) Methylene Chloride        | 2.85 | 84   | 110768   | 49.012  | ug/l   | 96     |
| 21) trans-1,2-Dichloroethene  | 3.16 | 96   | 103203   | 48.133  | ug/l   | 95     |
| 22) Diisopropyl ether         | 3.87 | 45   | 368645   | 48.166  | ug/l   | 98     |
| 23) Vinyl Acetate             | 3.82 | 43   | 1662443  | 246.634 | ug/l   | 97     |
| 24) 1,1-Dichloroethane        | 3.70 | 63   | 208310   | 50.061  | ug/l   | 99     |
| 25) 2-Butanone                | 4.70 | 43   | 535678   | 260.686 | ug/l # | 89     |
| 26) 2,2-Dichloropropane       | 4.58 | 77   | 151844   | 47.266  | ug/l   | 99     |
| 27) cis-1,2-Dichloroethene    | 4.59 | 96   | 113825   | 49.242  | ug/l   | 97     |
| 28) Bromochloromethane        | 5.01 | 49   | 95993    | 47.697  | ug/l   | 99     |
| 29) Tetrahydrofuran           | 5.15 | 42   | 349782   | 261.564 | ug/l   | 98     |
| 30) Chloroform                | 5.21 | 83   | 199840   | 51.343  | ug/l   | 93     |
| 31) Cyclohexane               | 5.57 | 56   | 173310   | 50.339  | ug/l   | 98     |
| 32) 1,1,1-Trichloroethane     | 5.49 | 97   | 167607   | 48.789  | ug/l   | 99     |
| 36) 1,1-Dichloropropene       | 5.81 | 75   | 143171   | 49.442  | ug/l   | 99     |
| 37) Ethyl Acetate             | 4.87 | 43   | 193211   | 52.287  | ug/l   | 99     |
| 38) Carbon Tetrachloride      | 5.78 | 117  | 151318   | 49.614  | ug/l   | 97     |

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102518\  
 Data File : VX005597.D  
 Acq On : 25 Oct 2018 18:43  
 Operator : JC/MD  
 Sample : VSTDCCC050EC  
 Misc : 5.0mL/MSVOA X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleID :  
 VSTDCCC050EC

Quant Time: Oct 26 05:24:43 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_X\METHOD\82X102418W.M  
 Quant Title : SW846 8260  
 QLast Update : Thu Oct 25 02:52:45 2018  
 Response via : Initial Calibration

| Internal Standards             | R.T.  | QIon | Response | Conc     | Units | Dev(Min) |
|--------------------------------|-------|------|----------|----------|-------|----------|
| 39) Methylcyclohexane          | 7.46  | 83   | 161602   | 50.539   | ug/l  | 99       |
| 40) Benzene                    | 6.14  | 78   | 420587   | 50.667   | ug/l  | 98       |
| 41) Methacrylonitrile          | 5.05  | 41   | 106716   | 51.845   | ug/l  | 97       |
| 42) 1,2-Dichloroethane         | 6.20  | 62   | 154529   | 49.003   | ug/l  | 99       |
| 43) Isopropyl Acetate          | 6.46  | 43   | 263220   | 47.536   | ug/l  | 97       |
| 44) Trichloroethene            | 7.21  | 130  | 113083   | 50.006   | ug/l  | 87       |
| 45) 1,2-Dichloropropane        | 7.52  | 63   | 109812   | 49.205   | ug/l  | 98       |
| 46) Dibromomethane             | 7.66  | 93   | 70758    | 49.090   | ug/l  | 100      |
| 47) Bromodichloromethane       | 7.90  | 83   | 139837   | 49.986   | ug/l  | 97       |
| 48) Methyl methacrylate        | 7.77  | 41   | 141367   | 52.405   | ug/l  | 99       |
| 49) 1,4-Dioxane                | 7.76  | 88   | 60788    | 1031.160 | ug/l  | 98       |
| 51) 4-Methyl-2-Pentanone       | 8.65  | 43   | 947966   | 254.732  | ug/l  | 100      |
| 52) Toluene                    | 8.79  | 92   | 257338   | 51.009   | ug/l  | 100      |
| 53) t-1,3-Dichloropropene      | 9.04  | 75   | 155240   | 51.345   | ug/l  | 100      |
| 54) cis-1,3-Dichloropropene    | 8.43  | 75   | 166866   | 51.261   | ug/l  | 98       |
| 55) 1,1,2-Trichloroethane      | 9.21  | 97   | 105874   | 49.777   | ug/l  | 98       |
| 56) Ethyl methacrylate         | 9.18  | 69   | 165306   | 52.105   | ug/l  | 100      |
| 57) 1,3-Dichloropropane        | 9.37  | 76   | 178950   | 49.724   | ug/l  | 99       |
| 58) 2-Chloroethyl Vinyl ether  | 8.32  | 63   | 448355   | 253.036  | ug/l  | 100      |
| 59) 2-Hexanone                 | 9.50  | 43   | 756227   | 257.732  | ug/l  | 100      |
| 60) Dibromochloromethane       | 9.59  | 129  | 114414   | 51.558   | ug/l  | 99       |
| 61) 1,2-Dibromoethane          | 9.67  | 107  | 111825   | 50.819   | ug/l  | 99       |
| 64) Tetrachloroethene          | 9.34  | 164  | 115445   | 49.543   | ug/l  | 99       |
| 65) Chlorobenzene              | 10.14 | 112  | 289813   | 48.485   | ug/l  | 99       |
| 66) 1,1,1,2-Tetrachloroethane  | 10.22 | 131  | 107211   | 49.190   | ug/l  | 100      |
| 67) Ethyl Benzene              | 10.26 | 91   | 502228   | 51.068   | ug/l  | 99       |
| 68) m/p-Xylenes                | 10.36 | 106  | 389749   | 102.149  | ug/l  | 100      |
| 69) o-Xylene                   | 10.70 | 106  | 184366   | 51.360   | ug/l  | 98       |
| 70) Styrene                    | 10.71 | 104  | 314862   | 52.396   | ug/l  | 99       |
| 71) Bromoform                  | 10.86 | 173  | 94740    | 48.712   | ug/l  | 100      |
| 73) Isopropylbenzene           | 11.02 | 105  | 509104   | 51.359   | ug/l  | 99       |
| 74) N-amyl acetate             | 10.90 | 43   | 247365   | 50.362   | ug/l  | 99       |
| 75) 1,1,2,2-Tetrachloroethane  | 11.27 | 83   | 174275   | 47.654   | ug/l  | 100      |
| 76) 1,2,3-Trichloropropane     | 11.30 | 75   | 207476   | 60.386   | ug/l  | 87       |
| 77) Bromobenzene               | 11.26 | 156  | 135174   | 48.931   | ug/l  | 99       |
| 78) n-propylbenzene            | 11.36 | 91   | 588276   | 51.900   | ug/l  | 99       |
| 79) 2-Chlorotoluene            | 11.42 | 91   | 350209   | 49.832   | ug/l  | 100      |
| 80) 1,3,5-Trimethylbenzene     | 11.51 | 105  | 437805   | 51.629   | ug/l  | 100      |
| 81) trans-1,4-Dichloro-2-buten | 11.07 | 75   | 52792    | 50.206   | ug/l  | 97       |
| 82) 4-Chlorotoluene            | 11.51 | 91   | 415025   | 50.082   | ug/l  | 100      |
| 83) tert-Butylbenzene          | 11.77 | 119  | 428030   | 50.639   | ug/l  | 99       |
| 84) 1,2,4-Trimethylbenzene     | 11.80 | 105  | 453979   | 52.824   | ug/l  | 99       |
| 85) sec-Butylbenzene           | 11.94 | 105  | 520208   | 51.577   | ug/l  | 100      |
| 86) p-Isopropyltoluene         | 12.07 | 119  | 470237   | 52.153   | ug/l  | 99       |
| 87) 1,3-Dichlorobenzene        | 12.02 | 146  | 253348   | 48.769   | ug/l  | 100      |
| 88) 1,4-Dichlorobenzene        | 12.10 | 146  | 254670   | 46.965   | ug/l  | 100      |
| 89) n-Butylbenzene             | 12.39 | 91   | 417972   | 51.349   | ug/l  | 100      |
| 90) Hexachloroethane           | 12.60 | 117  | 76661    | 49.297   | ug/l  | 100      |
| 91) 1,2-Dichlorobenzene        | 12.39 | 146  | 254565   | 48.435   | ug/l  | 100      |
| 92) 1,2-Dibromo-3-Chloropropan | 13.00 | 75   | 43478    | 49.170   | ug/l  | 99       |

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102518\  
Data File : VX005597.D  
Acq On : 25 Oct 2018 18:43  
Operator : JC/MD  
Sample : VSTDCCC050EC  
Misc : 5.0mL/MSVOA X/WATER  
ALS Vial : 18 Sample Multiplier: 1

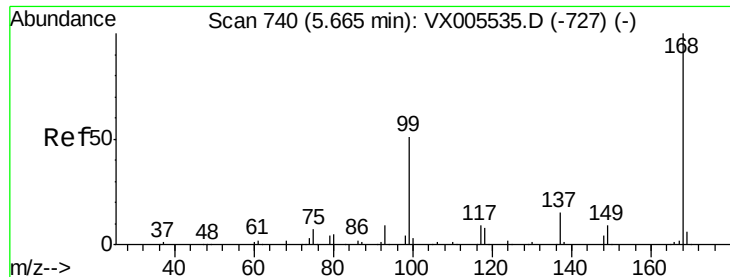
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Quant Time: Oct 26 05:24:43 2018  
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA\_X\METHOD\82X102418W.M  
Quant Title : SW846 8260  
QLast Update : Thu Oct 25 02:52:45 2018  
Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc   | Units | Dev(Min) |
|----------------------------|-------|------|----------|--------|-------|----------|
| 93) 1,2,4-Trichlorobenzene | 13.65 | 180  | 190508   | 50.003 | ug/l  | 100      |
| 94) Hexachlorobutadiene    | 13.79 | 225  | 93977    | 47.598 | ug/l  | 98       |
| 95) Naphthalene            | 13.83 | 128  | 591645   | 53.423 | ug/l  | 100      |
| 96) 1,2,3-Trichlorobenzene | 14.02 | 180  | 193735   | 50.163 | ug/l  | 100      |

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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

Instrument :

MSVOA\_X

ClientSampleId :

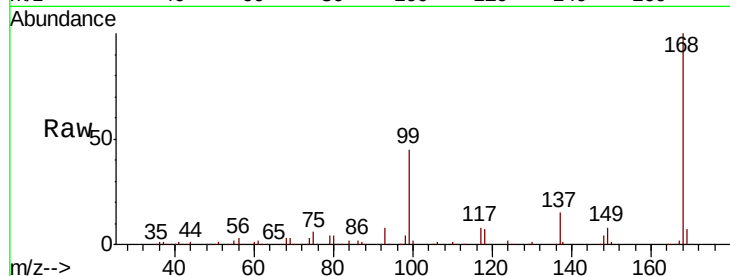
VSTDCCC050EC

Tot Ion:168 Resp: 209201

Ion Ratio Lower Upper

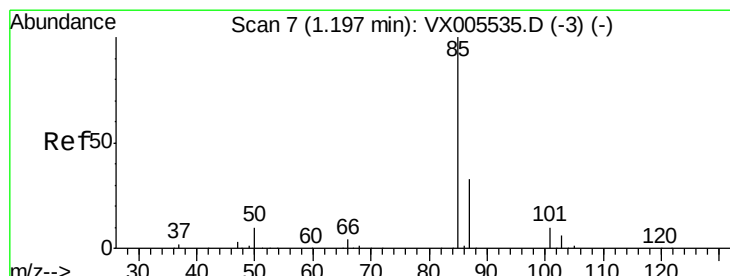
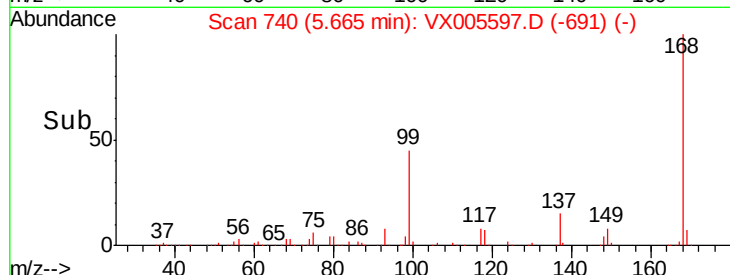
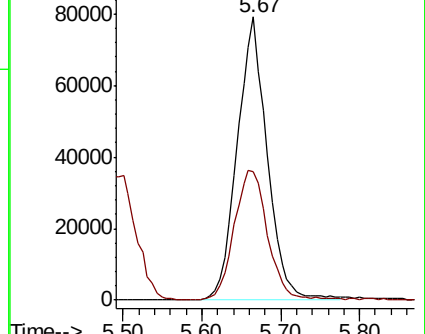
168 100

99 45.3 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 61.182 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005597.D

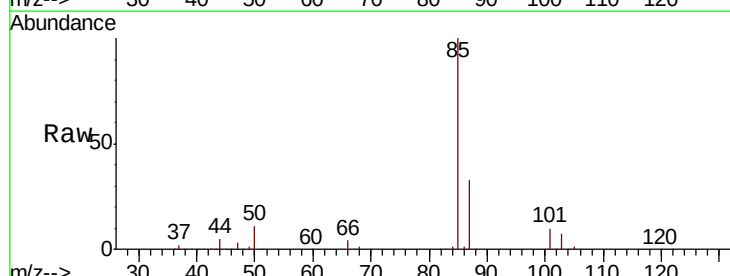
Acq: 25 Oct 2018 18:43

Tgt Ion: 85 Resp: 126336

Ion Ratio Lower Upper

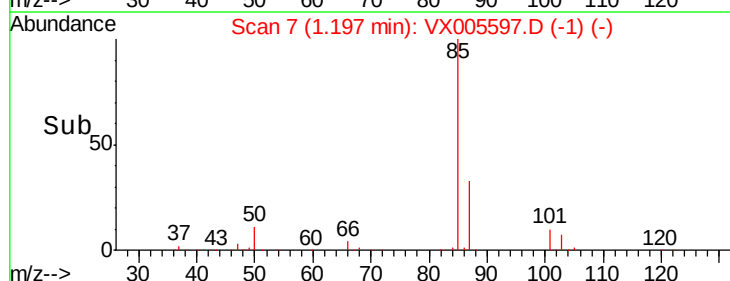
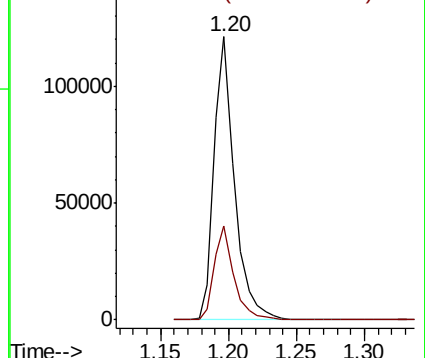
85 100

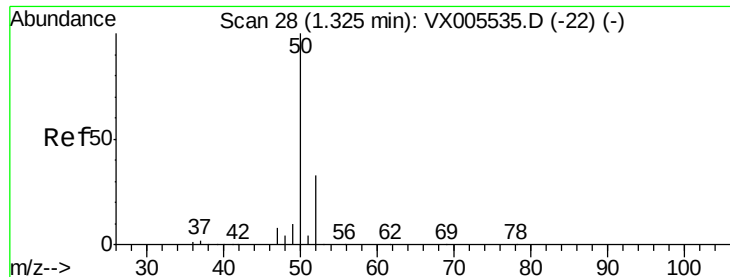
87 33.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 55.303 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

Instrument :

MSVOA\_X

ClientSampleId :

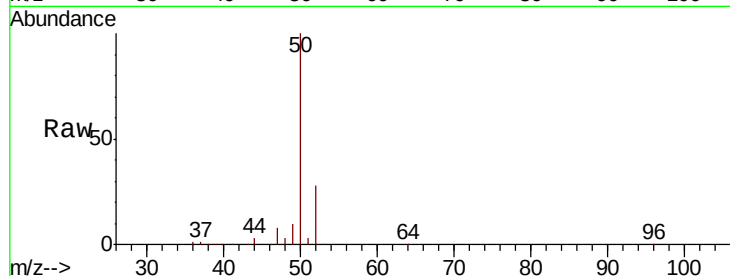
VSTDCCC050EC

Tot Ion: 50 Resp: 145428

Ion Ratio Lower Upper

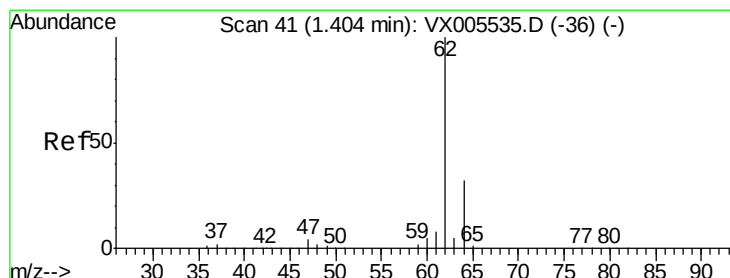
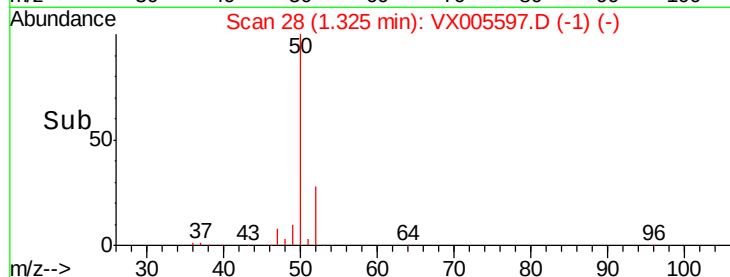
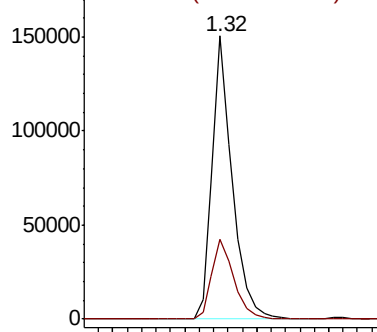
50 100

52 28.4 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 57.818 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005597.D

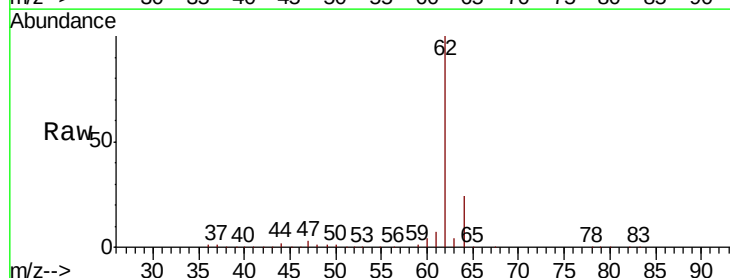
Acq: 25 Oct 2018 18:43

Tgt Ion: 62 Resp: 149501

Ion Ratio Lower Upper

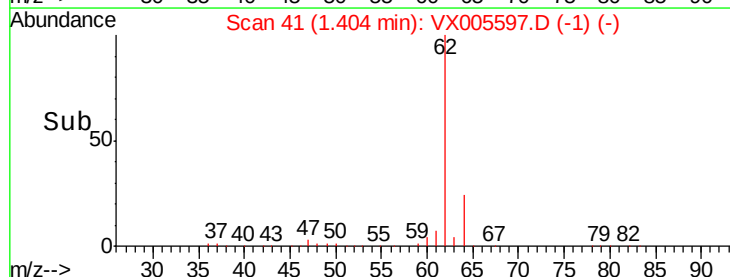
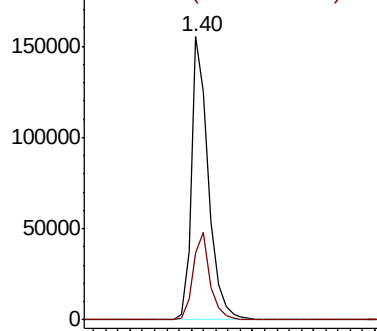
62 100

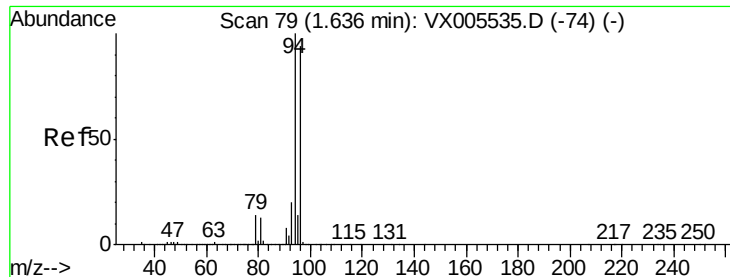
64 23.9 25.3 37.9#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 49.956 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

Instrument :

MSVOA\_X

ClientSampleId :

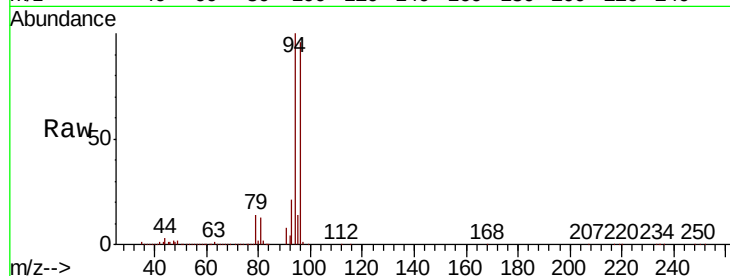
VSTDCCC050EC

Tot Ion: 94 Resp: 80377

Ion Ratio Lower Upper

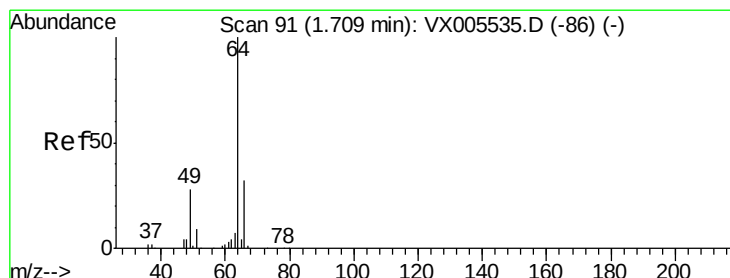
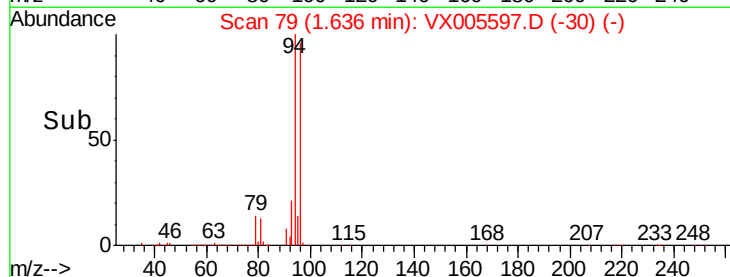
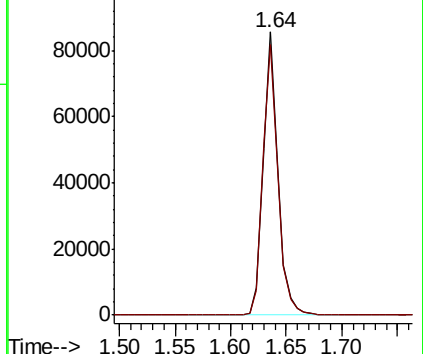
94 100

96 95.6 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: 51.515 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.00 min

Lab File: VX005597.D

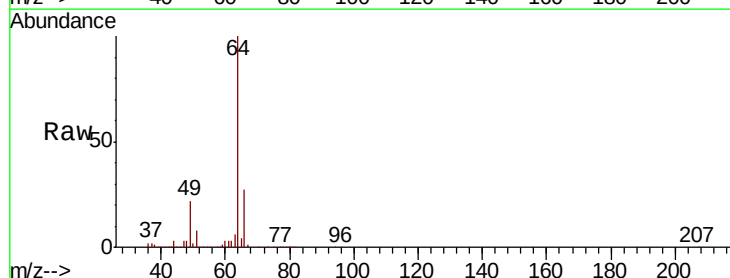
Acq: 25 Oct 2018 18:43

Tgt Ion: 64 Resp: 85093

Ion Ratio Lower Upper

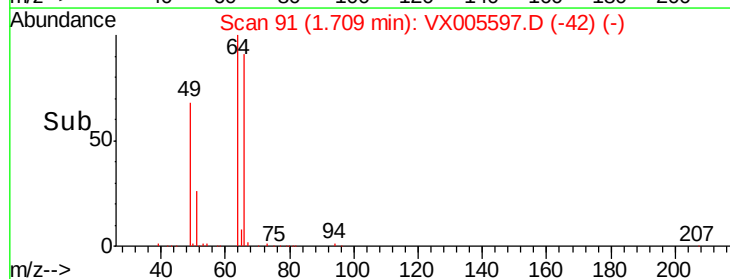
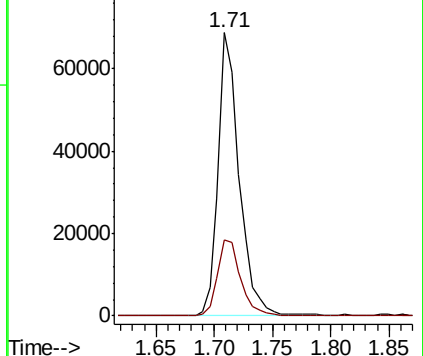
64 100

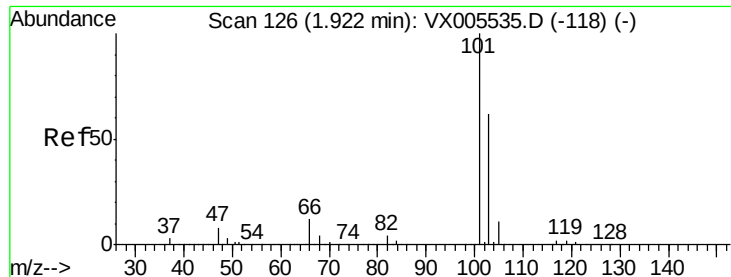
66 27.0 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 52.711 ug/l

RT: 1.92 min Scan# 126

Delta R.T. -0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

Instrument :

MSVOA\_X

ClientSampleId :

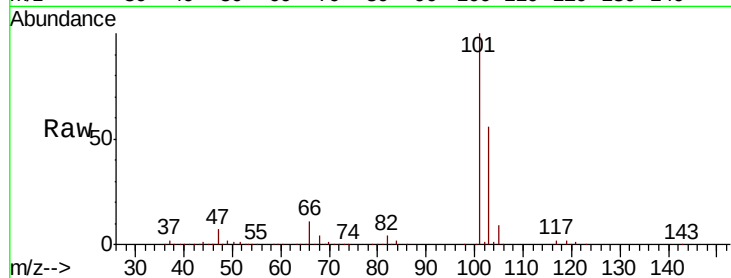
VSTDCCC050EC

Tot Ion:101 Resp: 189384

Ion Ratio Lower Upper

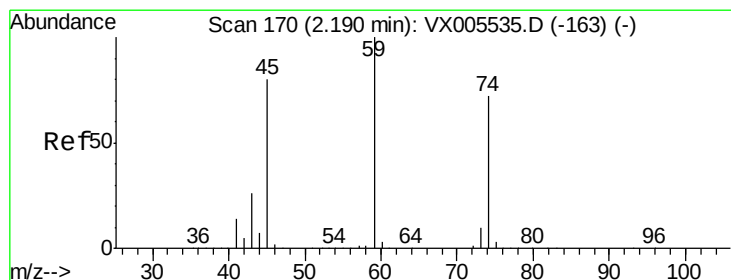
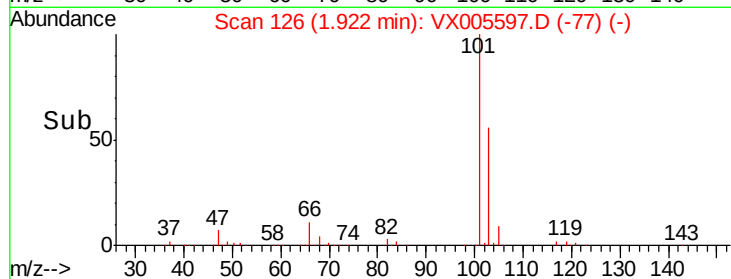
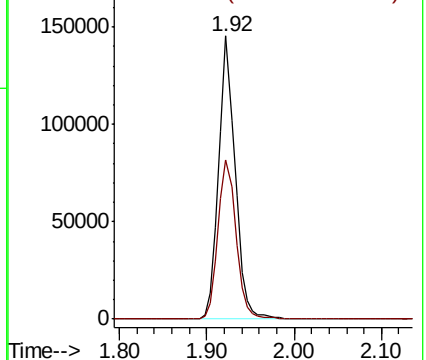
101 100

103 56.2 50.0 75.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 48.136 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX005597.D

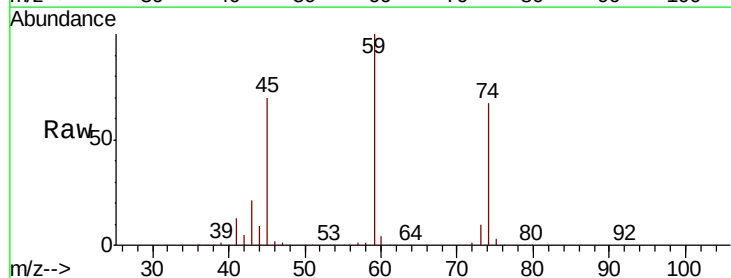
Acq: 25 Oct 2018 18:43

Tgt Ion: 74 Resp: 69019

Ion Ratio Lower Upper

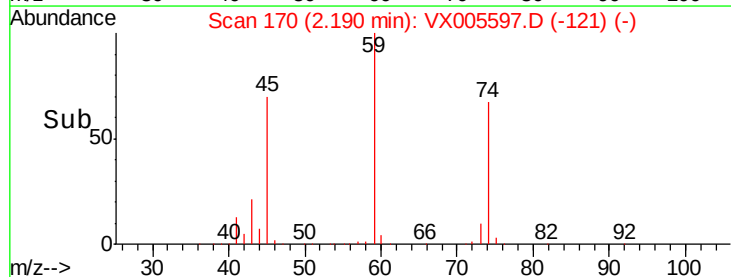
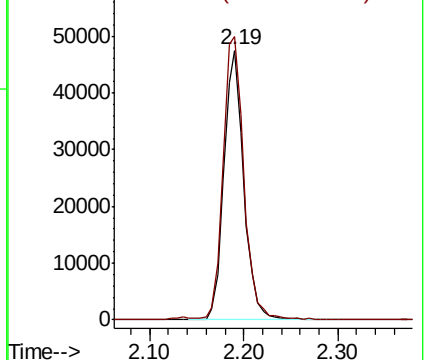
74 100

45 108.6 54.1 162.3

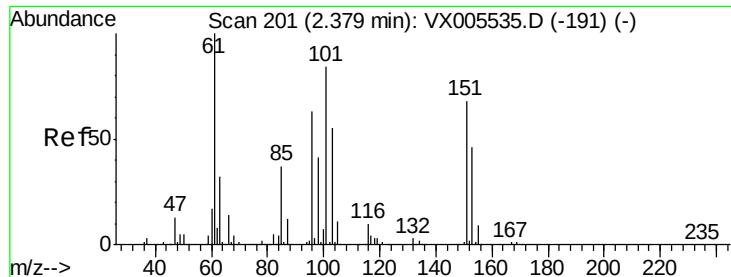


Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0







#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.801 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

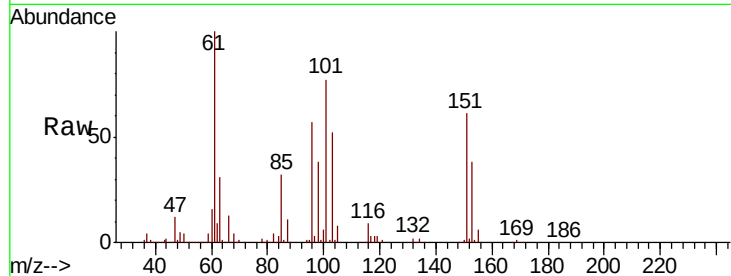
Tot Ion:101 Resp: 100601

Ion Ratio Lower Upper

101 100

85 43.6 35.0 52.4

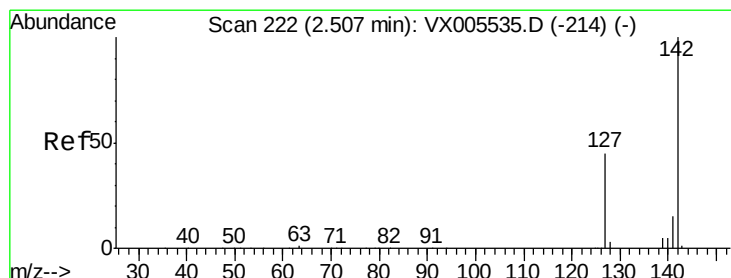
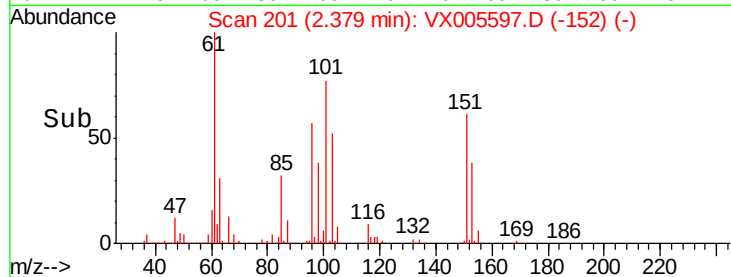
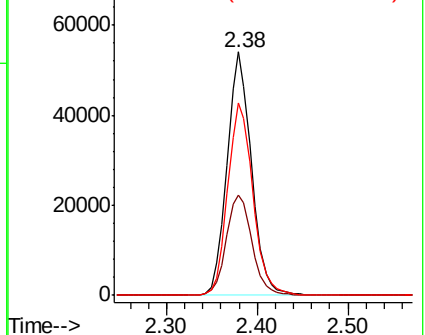
151 82.0 66.2 99.2



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: 58.932 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

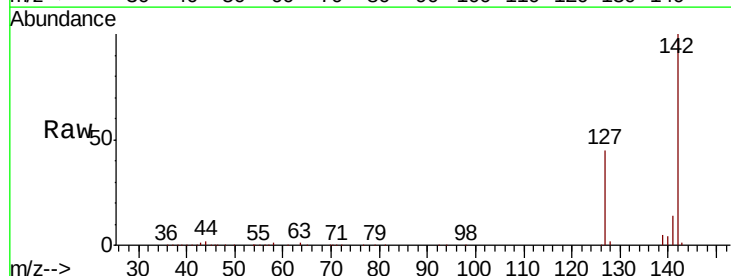
Tgt Ion:142 Resp: 127984

Ion Ratio Lower Upper

142 100

127 44.4 36.0 54.0

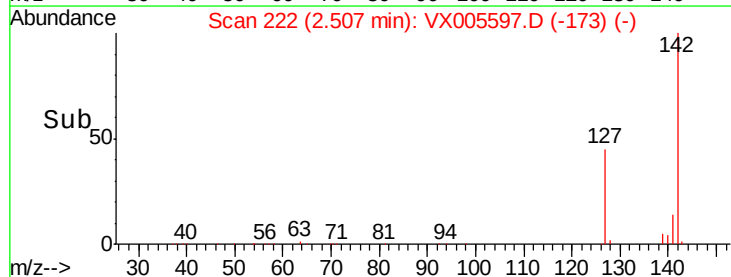
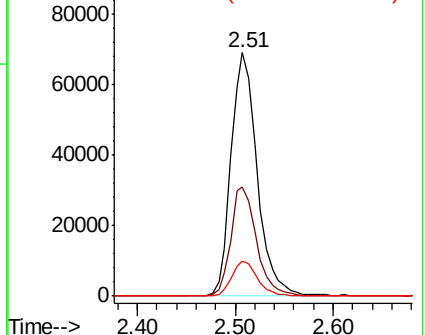
141 14.3 11.7 17.5

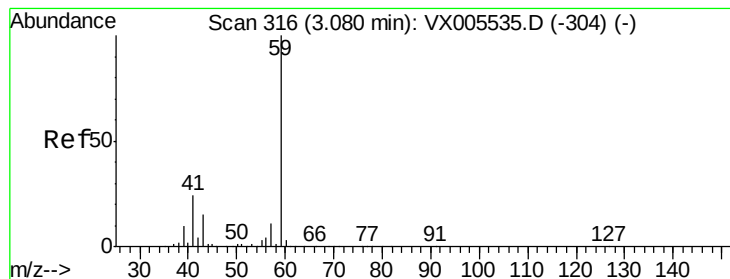


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



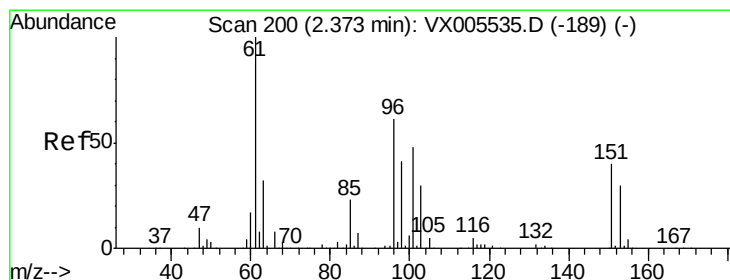
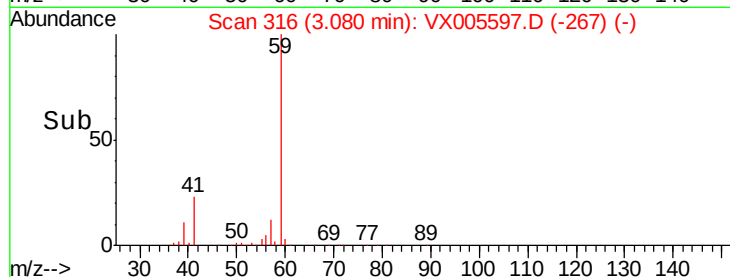
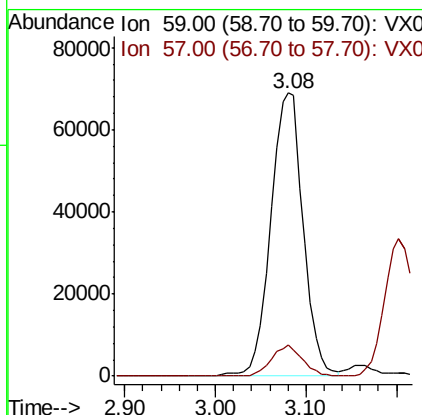
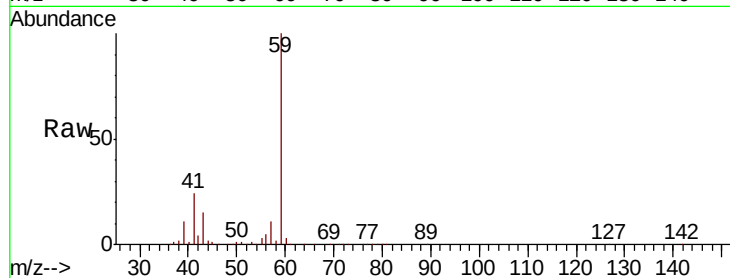


#11

Tert butyl alcohol  
 Concen: 247.385 ug/l  
 RT: 3.08 min Scan# 316  
 Delta R.T. -0.00 min  
 Lab File: VX005597.D  
 Acq: 25 Oct 2018 18:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

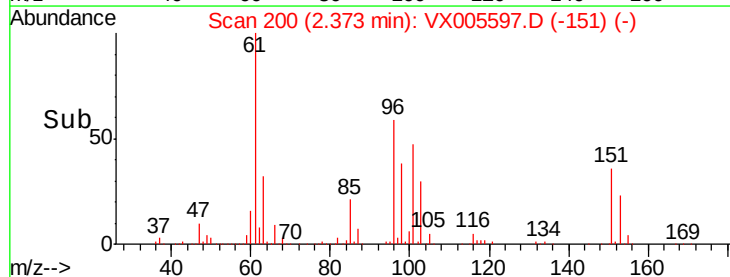
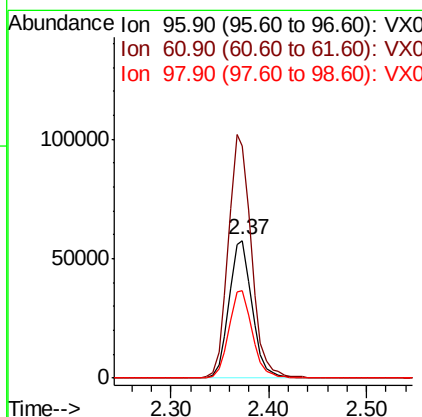
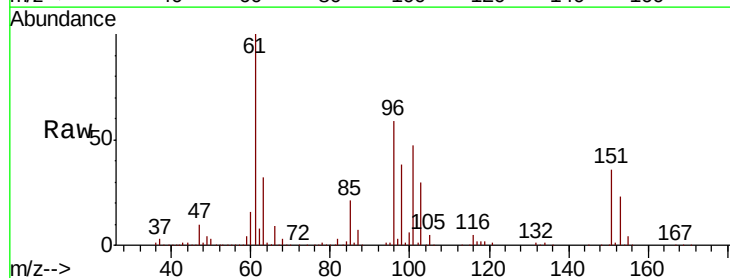
Tot Ion: 59 Resp: 170001  
 Ion Ratio Lower Upper  
 59 100  
 57 10.5 8.5 12.7

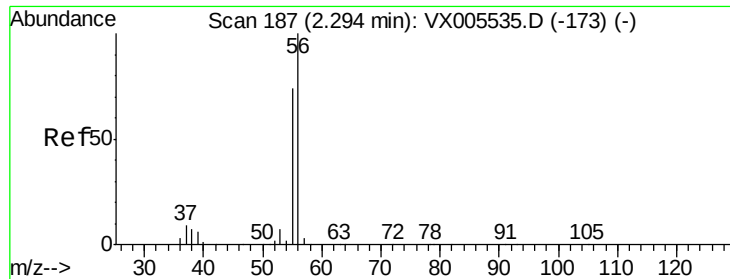


#12

1,1-Dichloroethene  
 Concen: 48.002 ug/l  
 RT: 2.37 min Scan# 200  
 Delta R.T. -0.00 min  
 Lab File: VX005597.D  
 Acq: 25 Oct 2018 18:43

Tgt Ion: 96 Resp: 94264  
 Ion Ratio Lower Upper  
 96 100  
 61 168.7 131.8 197.8  
 98 63.7 53.4 80.2

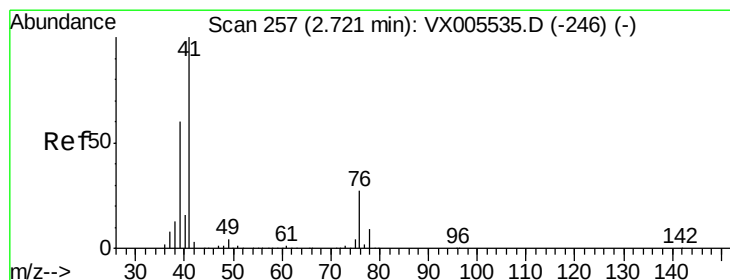
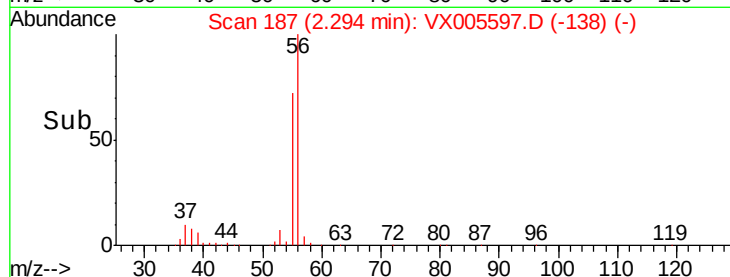
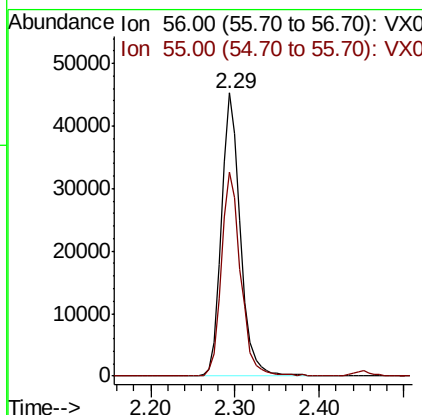
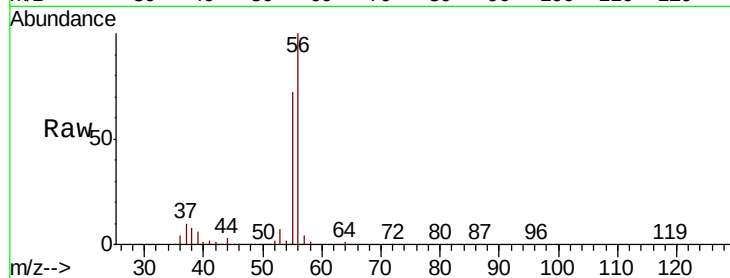




#13  
Acrolein  
Concen: 202.087 ug/l  
RT: 2.29 min Scan# 187  
Delta R.T. -0.00 min  
Lab File: VX005597.D  
Acq: 25 Oct 2018 18:43

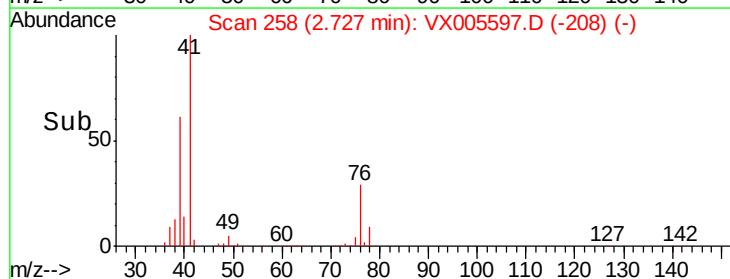
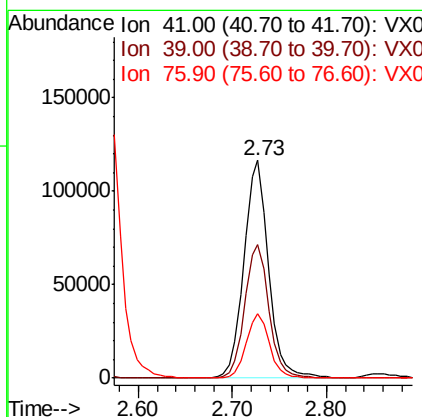
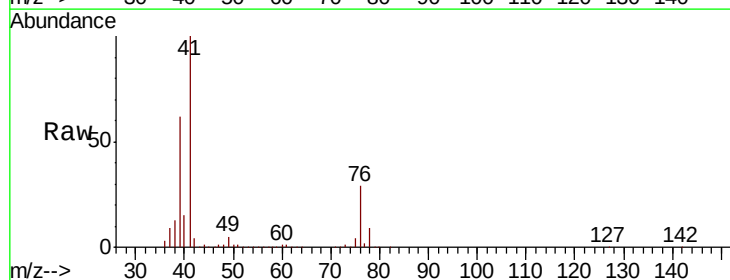
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

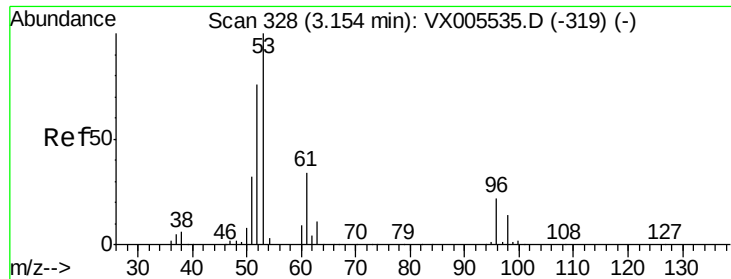
Tot Ion: 56 Resp: 70840  
Ion Ratio Lower Upper  
56 100  
55 73.2 57.3 85.9



#14  
Allyl chloride  
Concen: 48.591 ug/l  
RT: 2.73 min Scan# 258  
Delta R.T. 0.01 min  
Lab File: VX005597.D  
Acq: 25 Oct 2018 18:43

Tgt Ion: 41 Resp: 212962  
Ion Ratio Lower Upper  
41 100  
39 60.2 48.2 72.4  
76 28.3 21.9 32.9





#15

Acrylonitrile

Concen: 244.594 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

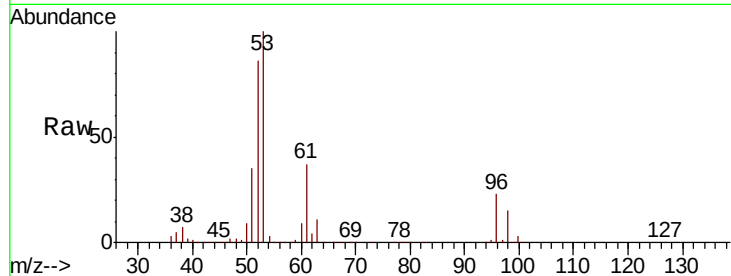
Tot Ion: 53 Resp: 376906

Ion Ratio Lower Upper

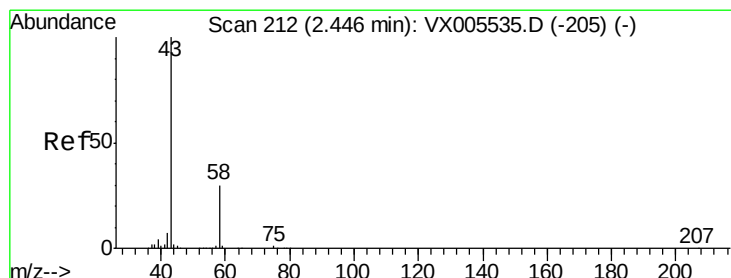
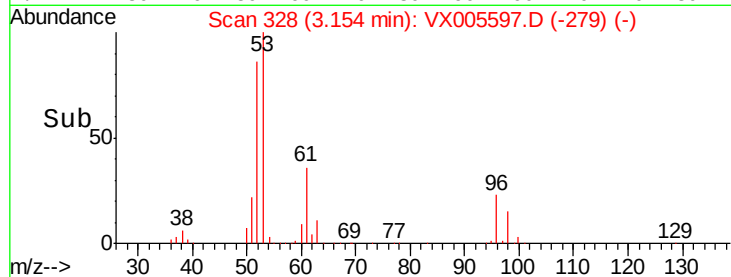
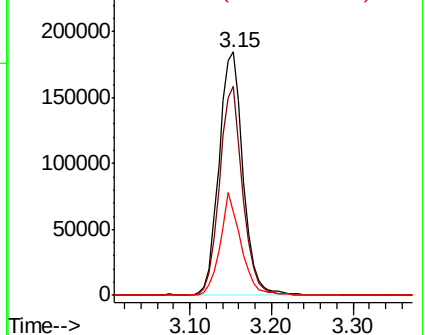
53 100

52 82.3 66.6 99.8

51 36.9 28.4 42.6



Abundance Ion 53.00 (52.70 to 53.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0  
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 255.539 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005597.D

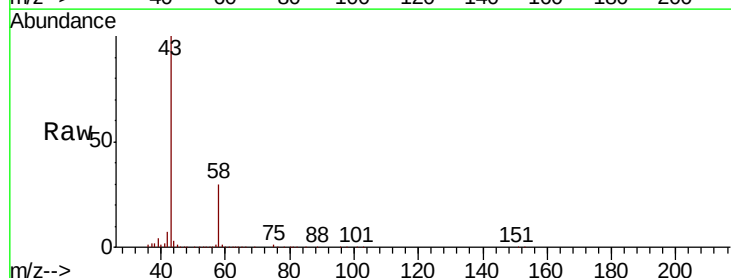
Acq: 25 Oct 2018 18:43

Tgt Ion: 43 Resp: 344827

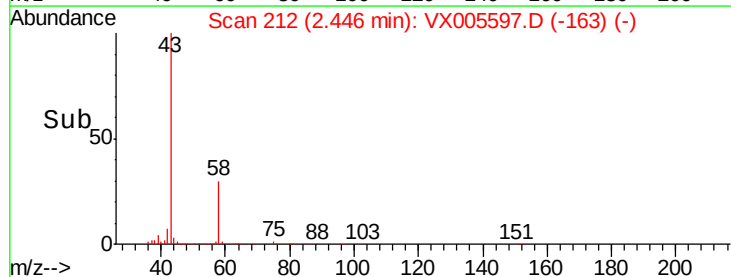
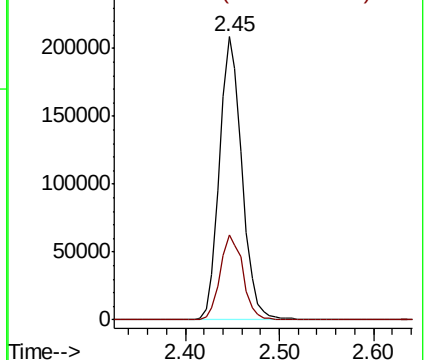
Ion Ratio Lower Upper

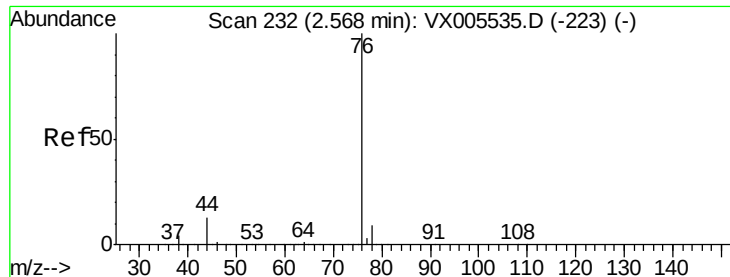
43 100

58 30.2 23.8 35.6



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

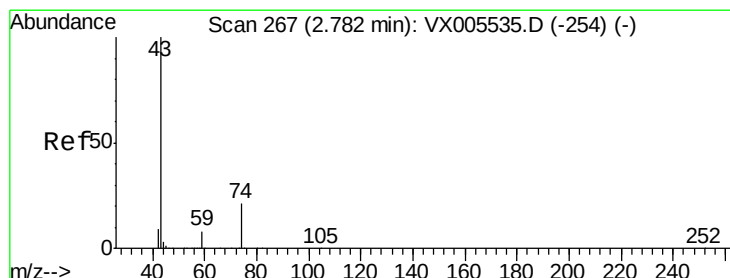
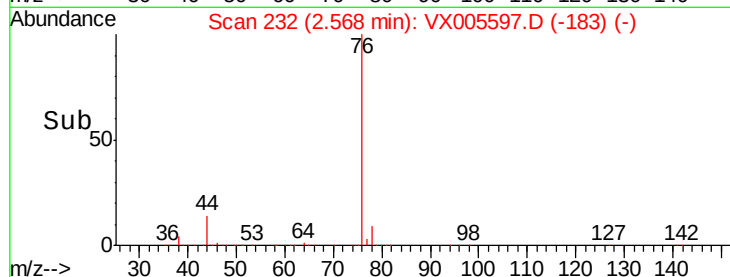
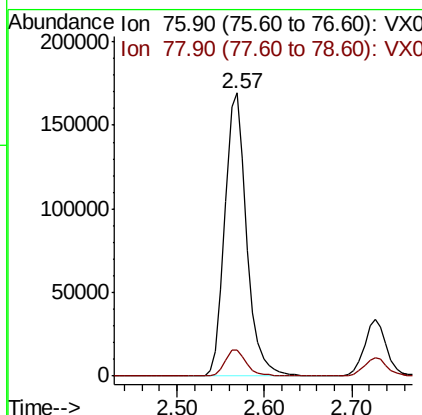
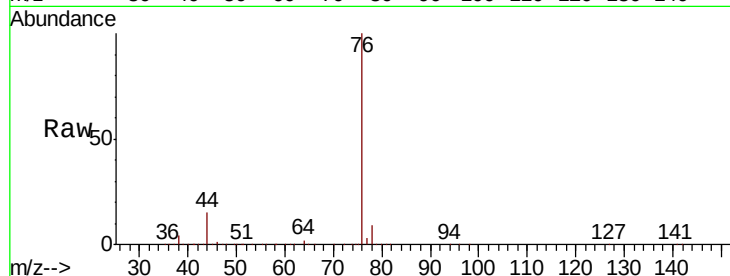




#17  
Carbon Disulfide  
Concen: 48.693 ug/l  
RT: 2.57 min Scan# 232  
Delta R.T. -0.00 min  
Lab File: VX005597.D  
Acq: 25 Oct 2018 18:43

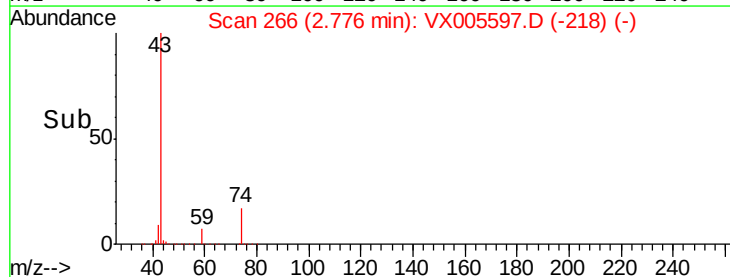
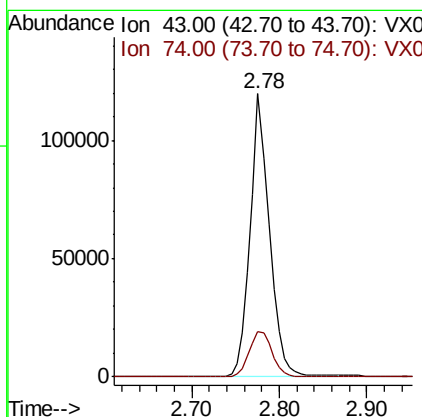
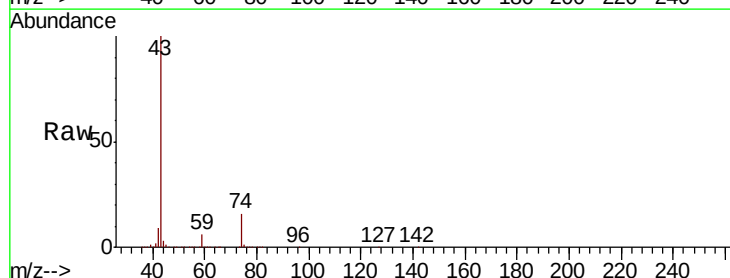
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

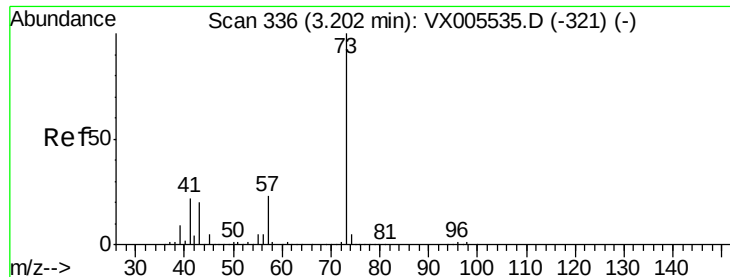
Tot Ion: 76 Resp: 291487  
Ion Ratio Lower Upper  
76 100  
78 9.2 7.3 10.9



#18  
Methyl Acetate  
Concen: 54.742 ug/l  
RT: 2.78 min Scan# 266  
Delta R.T. -0.01 min  
Lab File: VX005597.D  
Acq: 25 Oct 2018 18:43

Tgt Ion: 43 Resp: 182024  
Ion Ratio Lower Upper  
43 100  
74 19.5 16.8 25.2

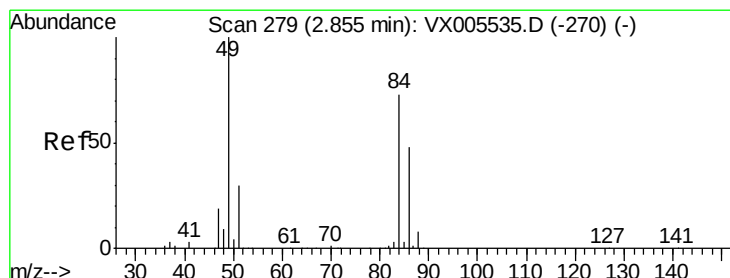
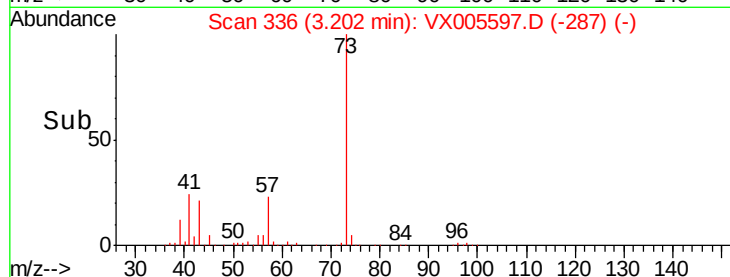
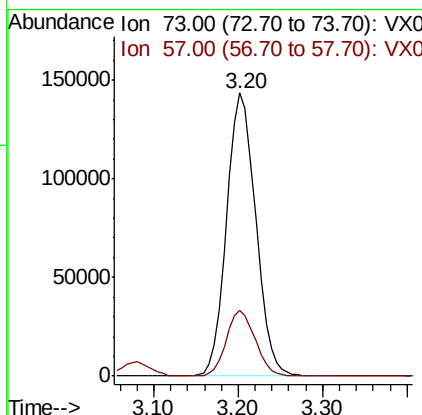
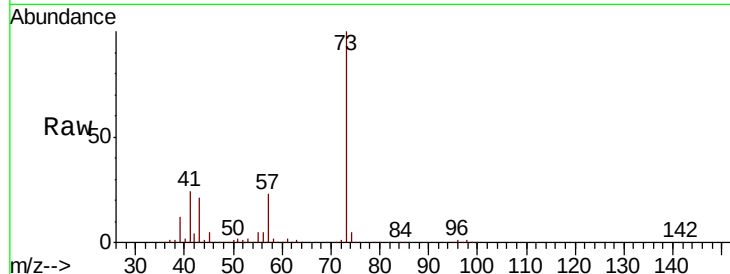




#19  
Methyl tert-butyl Ether  
Concen: 48.292 ug/l  
RT: 3.20 min Scan# 336  
Delta R.T. -0.00 min  
Lab File: VX005597.D  
Acq: 25 Oct 2018 18:43

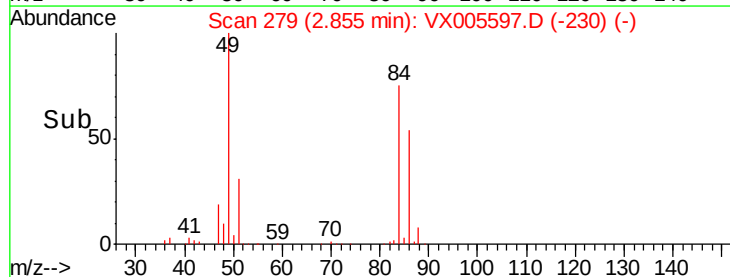
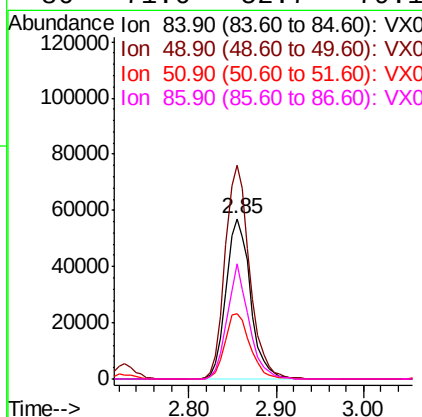
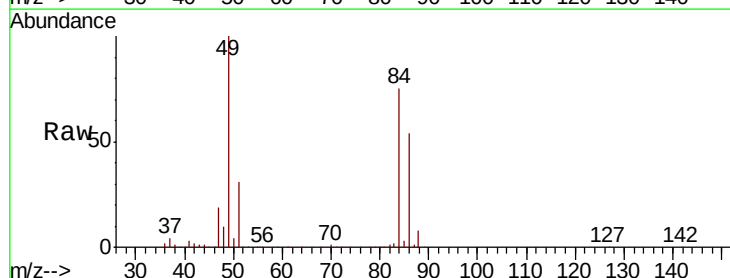
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

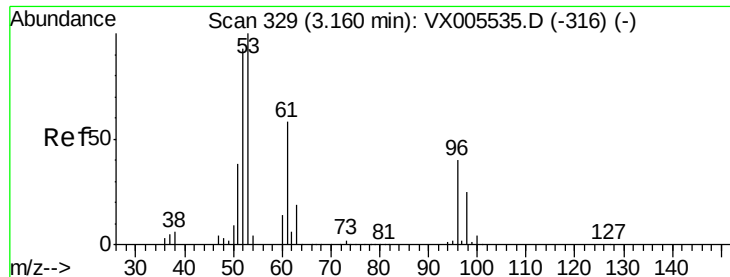
Tot Ion: 73 Resp: 338288  
Ion Ratio Lower Upper  
73 100  
57 23.4 18.8 28.2



#20  
Methylene Chloride  
Concen: 49.012 ug/l  
RT: 2.85 min Scan# 279  
Delta R.T. -0.00 min  
Lab File: VX005597.D  
Acq: 25 Oct 2018 18:43

Tgt Ion: 84 Resp: 110768  
Ion Ratio Lower Upper  
84 100  
49 133.1 109.5 164.3  
51 40.8 33.3 49.9  
86 71.6 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 48.133 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

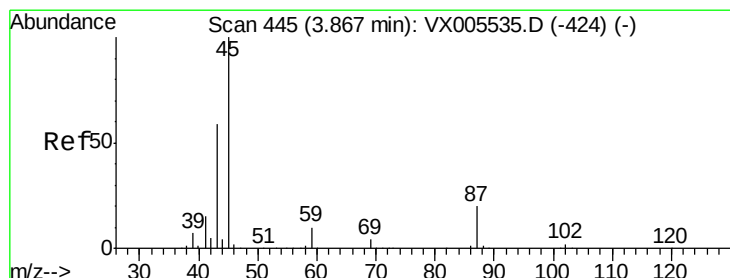
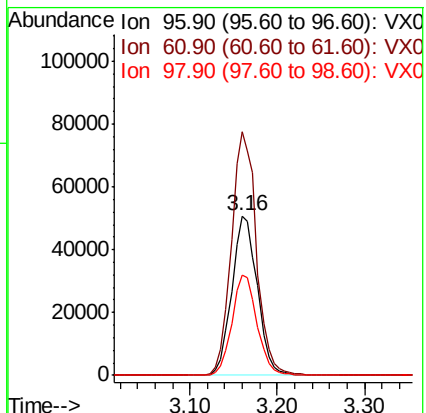
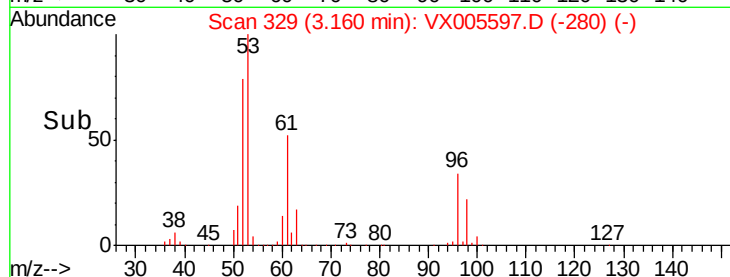
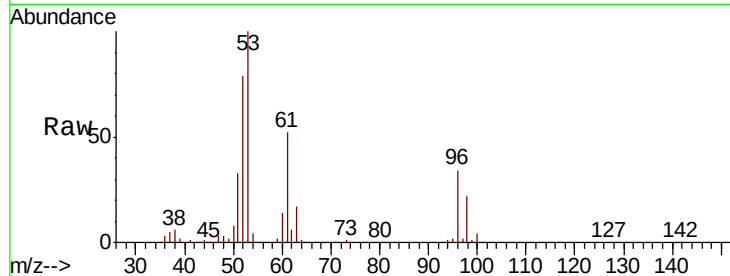
Tot Ion: 96 Resp: 103203

Ion Ratio Lower Upper

96 100

61 152.4 115.6 173.4

98 63.2 50.2 75.2



#22

Diisopropyl ether

Concen: 48.166 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

Tgt Ion: 45 Resp: 368645

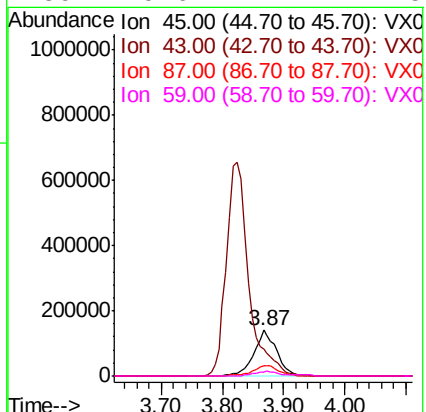
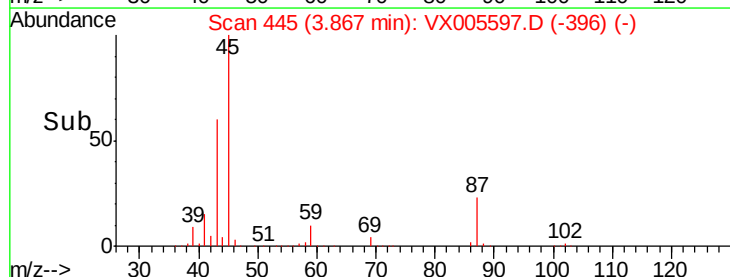
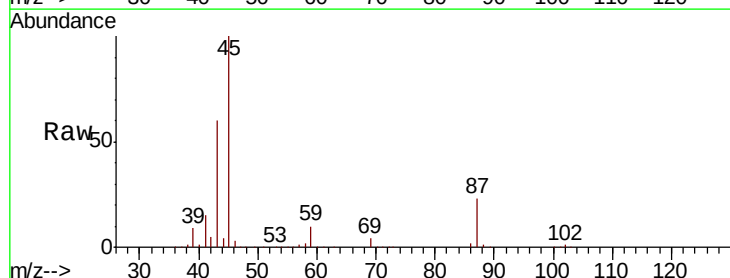
Ion Ratio Lower Upper

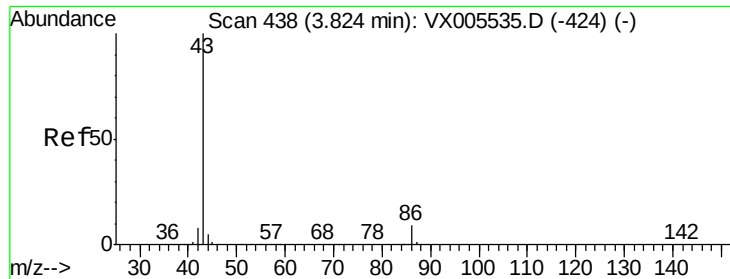
45 100

43 59.6 47.4 71.2

87 23.4 15.9 23.9

59 9.6 7.7 11.5





#23

Vinyl Acetate

Concen: 246.634 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

Instrument :

MSVOA\_X

ClientSampleId :

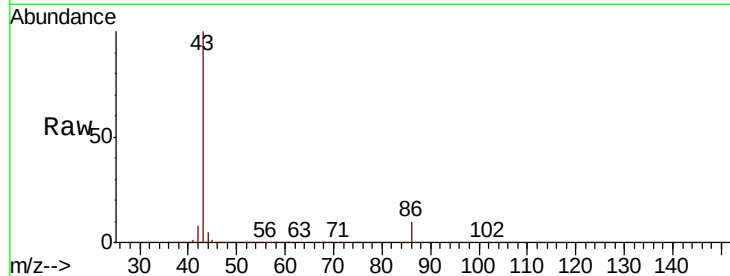
VSTDCCC050EC

Tot Ion: 43 Resp: 1662443

Ion Ratio Lower Upper

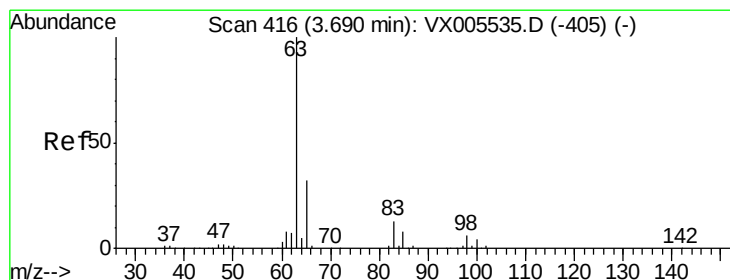
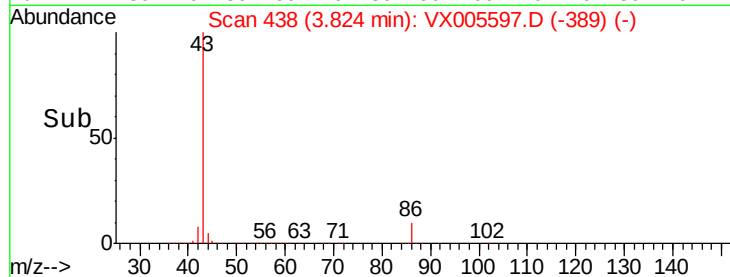
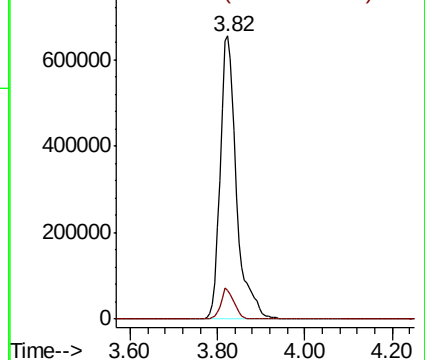
43 100

86 10.3 7.4 11.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 50.061 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

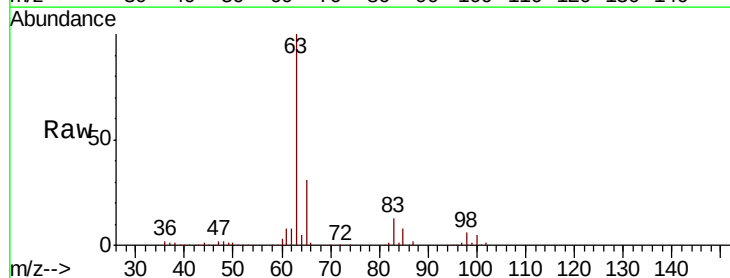
Tgt Ion: 63 Resp: 208310

Ion Ratio Lower Upper

63 100

98 6.5 3.2 9.6

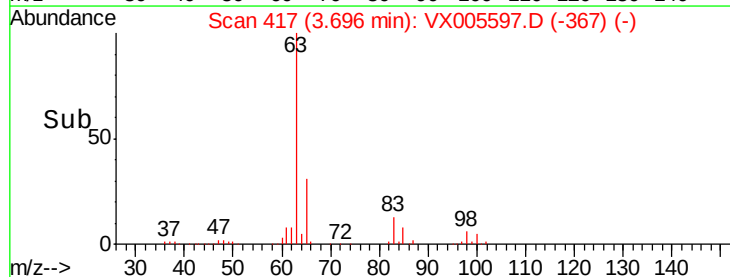
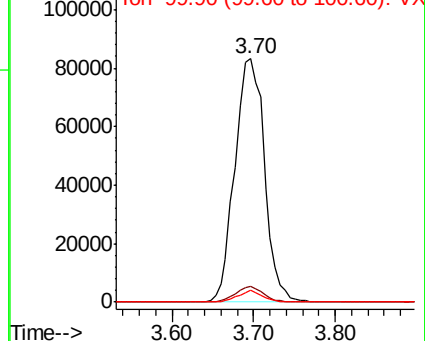
100 5.1 2.1 6.2



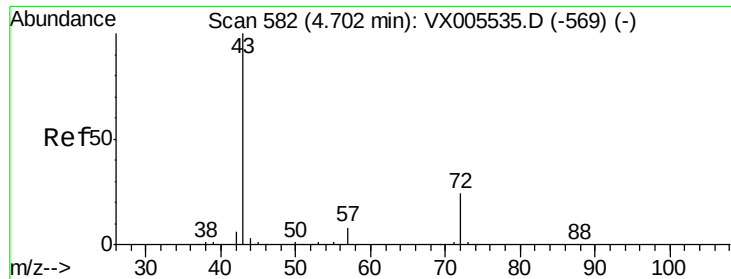
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0







#25

2-Butanone

Concen: 260.686 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

Instrument :

MSVOA\_X

ClientSampleId :

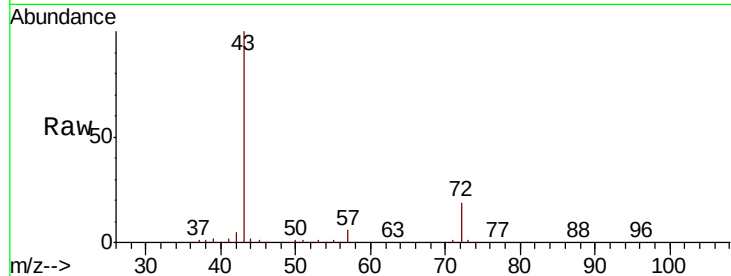
VSTDCCC050EC

Tot Ion: 43 Resp: 535678

Ion Ratio Lower Upper

43 100

72 18.5 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

250000

200000

150000

100000

50000

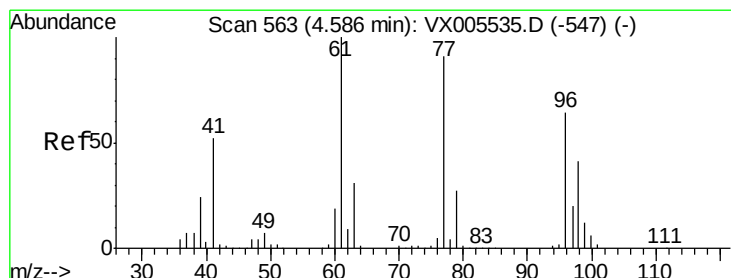
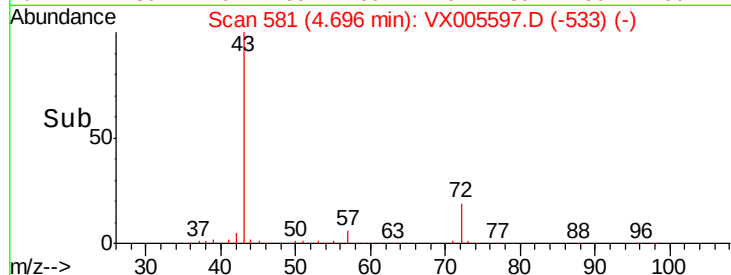
0

4.60

4.70

4.80

Time-->



#26

2,2-Dichloropropane

Concen: 47.266 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX005597.D

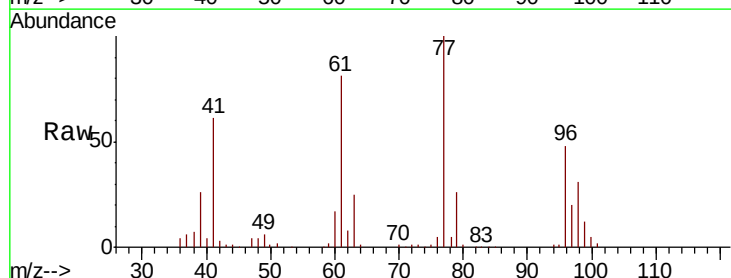
Acq: 25 Oct 2018 18:43

Tgt Ion: 77 Resp: 151844

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

60000

50000

40000

30000

20000

10000

0

4.40

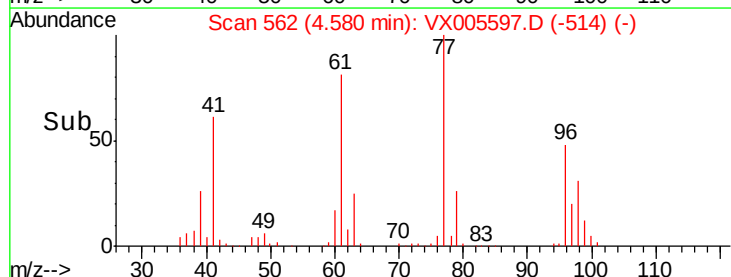
4.50

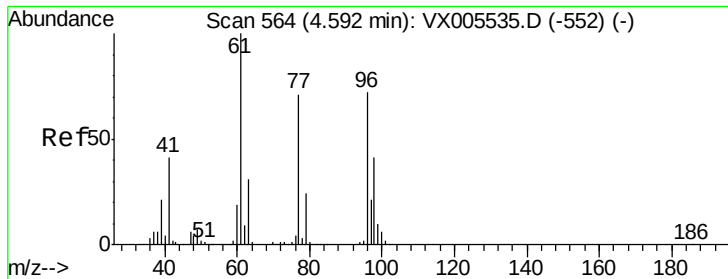
4.60

4.70

4.80

Time-->



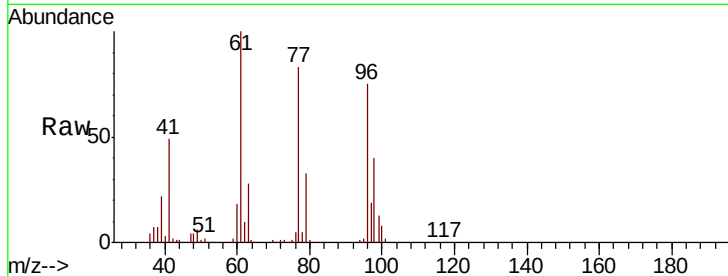


#27

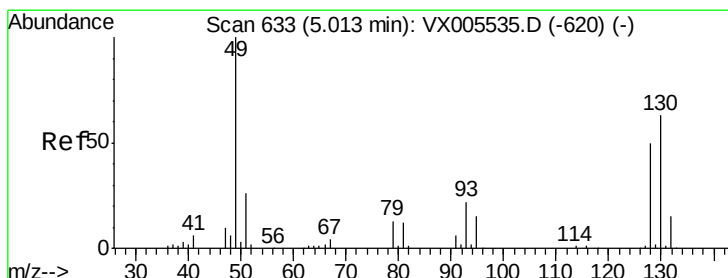
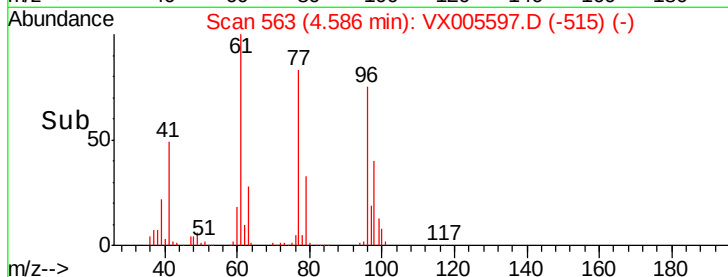
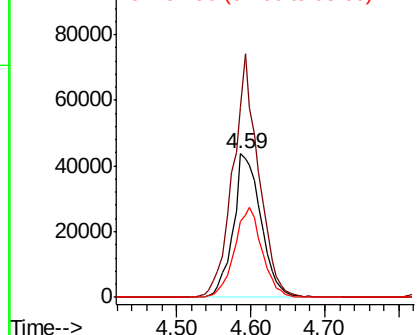
cis-1,2-Dichloroethene  
 Concen: 49.242 ug/l  
 RT: 4.59 min Scan# 563  
 Delta R.T. -0.01 min  
 Lab File: VX005597.D  
 Acq: 25 Oct 2018 18:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 96      | 100   |       |       |
| 61      | 157.7 | 0.0   | 304.6 |
| 98      | 62.6  | 0.0   | 127.4 |



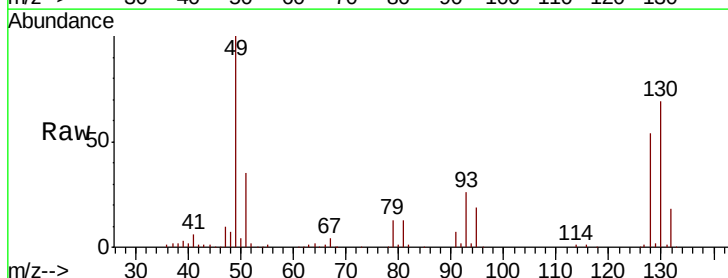
Abundance Ion 95.90 (95.60 to 96.60): VX0  
 Ion 60.90 (60.60 to 61.60): VX0  
 Ion 97.90 (97.60 to 98.60): VX0



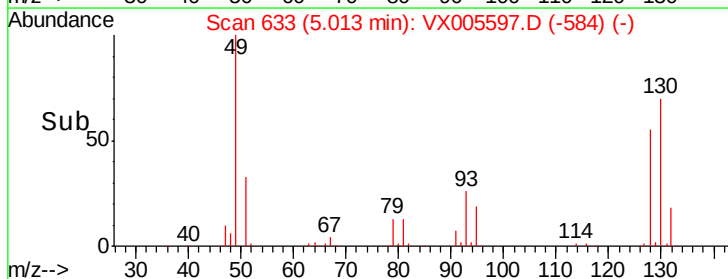
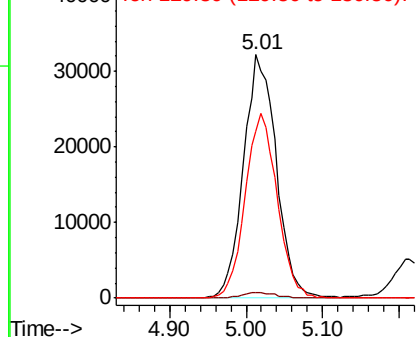
#28

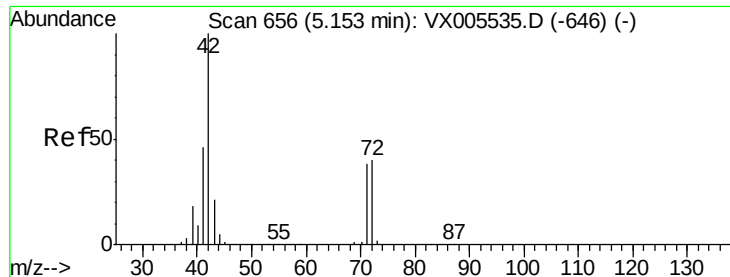
Bromochloromethane  
 Concen: 47.697 ug/l  
 RT: 5.01 min Scan# 633  
 Delta R.T. -0.00 min  
 Lab File: VX005597.D  
 Acq: 25 Oct 2018 18:43

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 49      | 100   |       |       |
| 129     | 2.3   | 0.0   | 4.0   |
| 130     | 74.0  | 58.9  | 88.3  |



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





#29

Tetrahydrofuran

Concen: 261.564 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

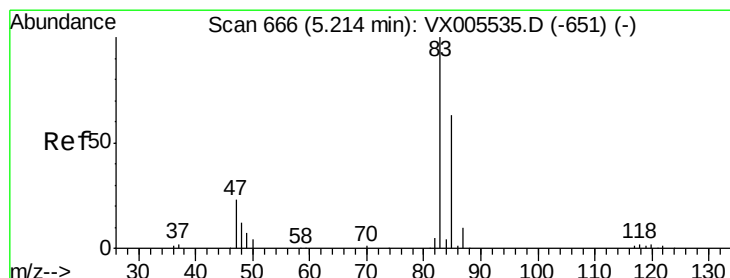
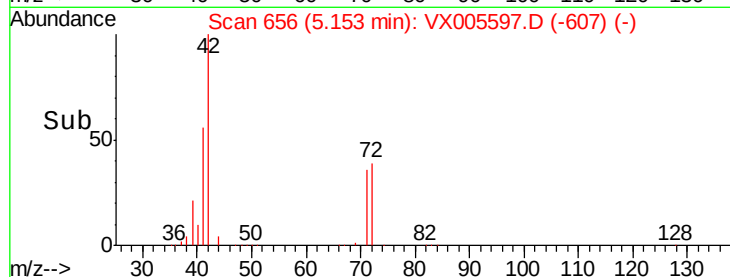
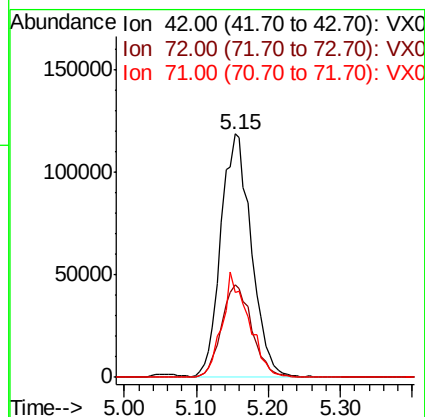
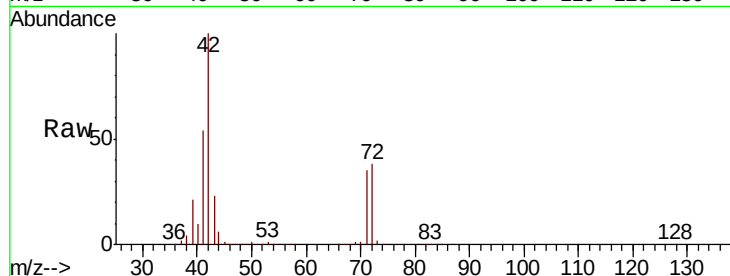
Tot Ion: 42 Resp: 349782

Ion Ratio Lower Upper

42 100

72 38.1 32.0 48.0

71 37.9 29.8 44.8



#30

Chloroform

Concen: 51.343 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005597.D

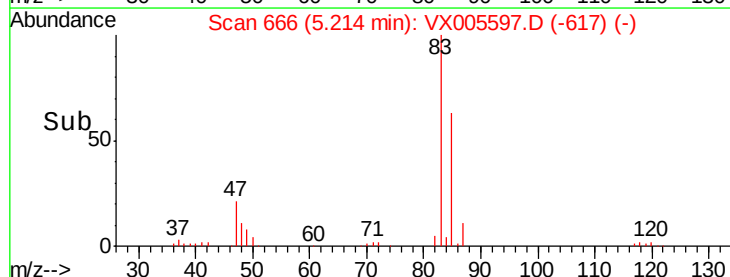
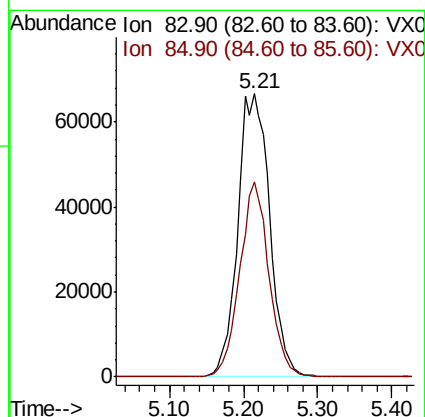
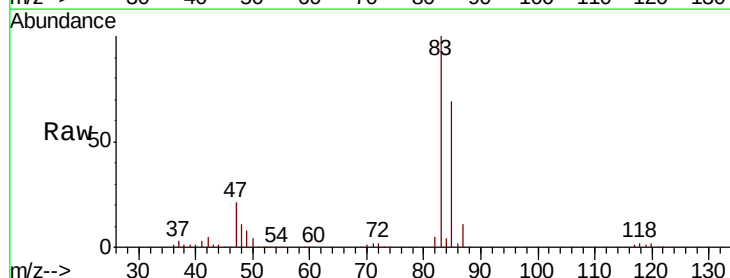
Acq: 25 Oct 2018 18:43

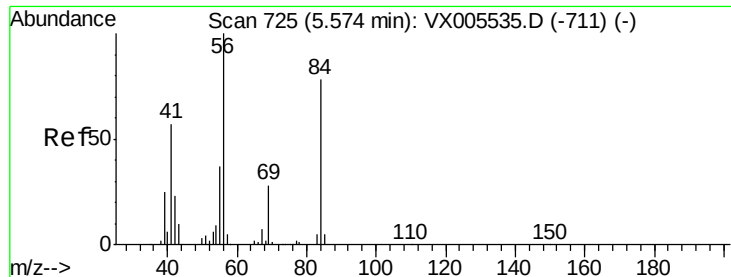
Tgt Ion: 83 Resp: 199840

Ion Ratio Lower Upper

83 100

85 68.8 50.6 76.0

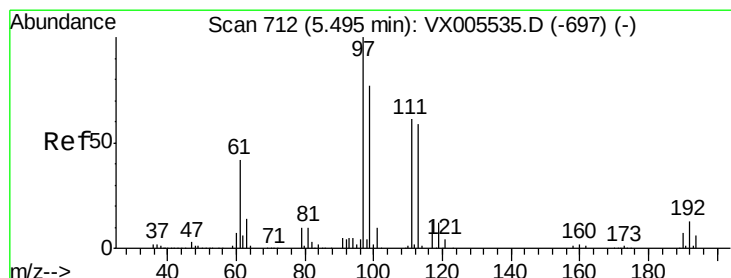
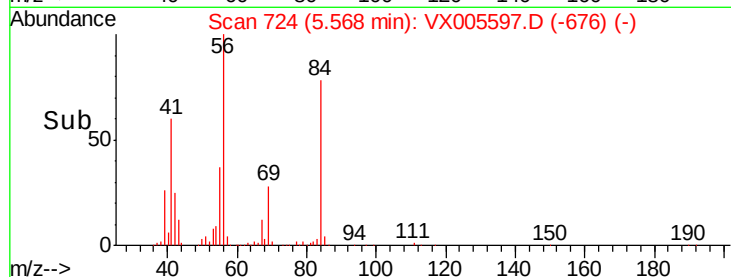
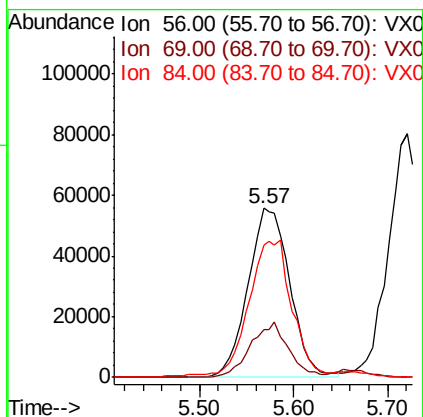
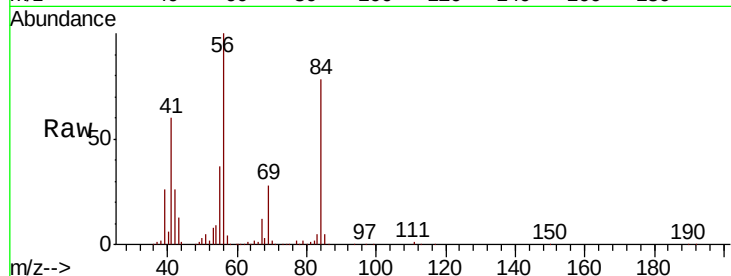




#31  
Cyclohexane  
Concen: 50.339 ug/l  
RT: 5.57 min Scan# 724  
Delta R.T. -0.01 min  
Lab File: VX005597.D  
Acq: 25 Oct 2018 18:43

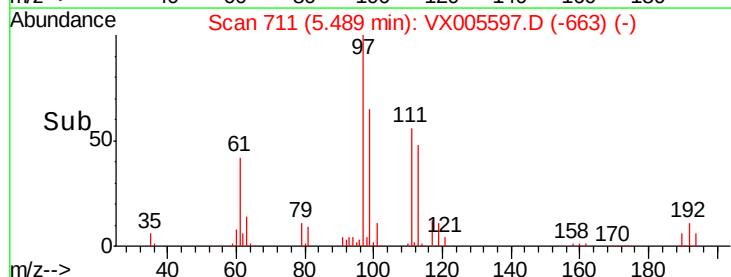
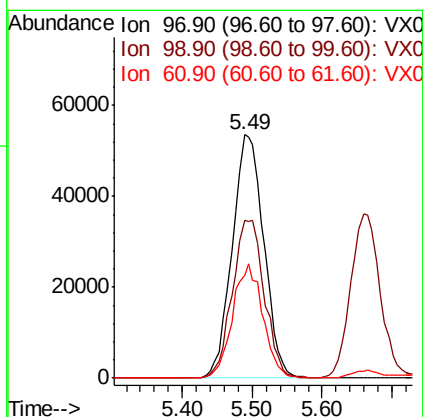
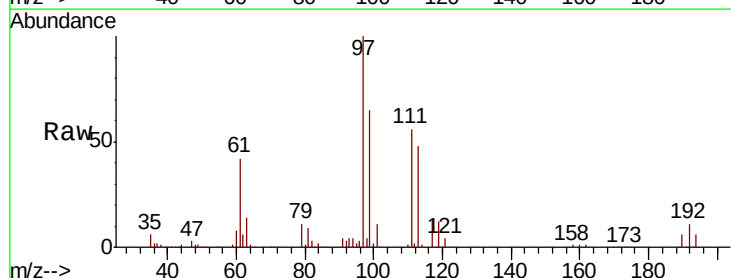
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

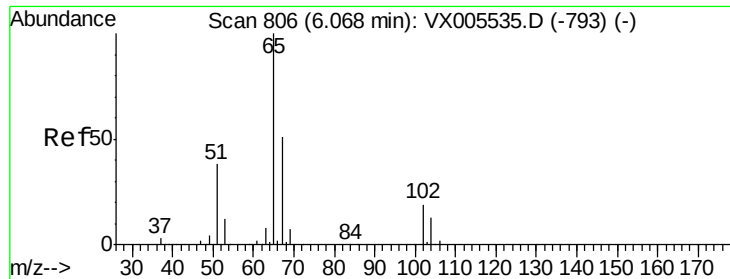
Tot Ion: 56 Resp: 173310  
Ion Ratio Lower Upper  
56 100  
69 28.5 22.6 34.0  
84 76.2 62.7 94.1



#32  
1,1,1-Trichloroethane  
Concen: 48.789 ug/l  
RT: 5.49 min Scan# 711  
Delta R.T. -0.01 min  
Lab File: VX005597.D  
Acq: 25 Oct 2018 18:43

Tgt Ion: 97 Resp: 167607  
Ion Ratio Lower Upper  
97 100  
99 65.6 52.3 78.5  
61 45.1 35.2 52.8

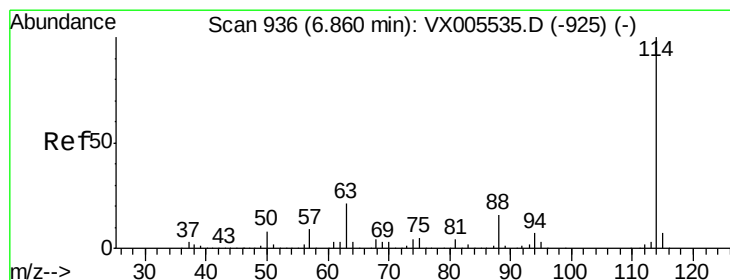
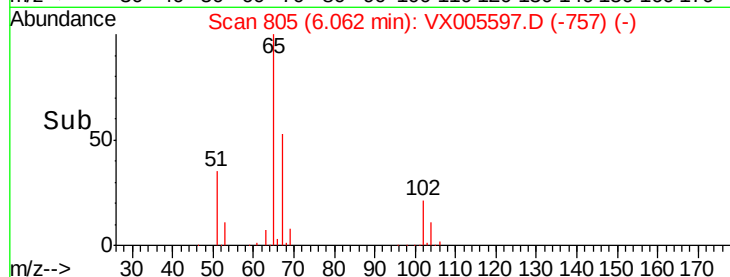
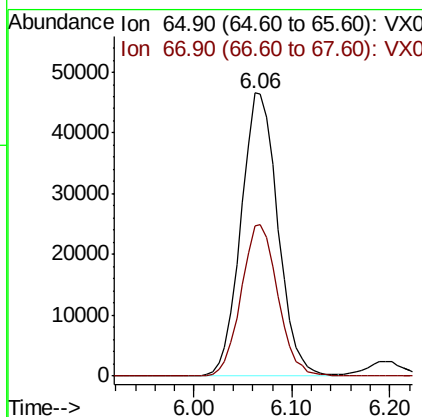
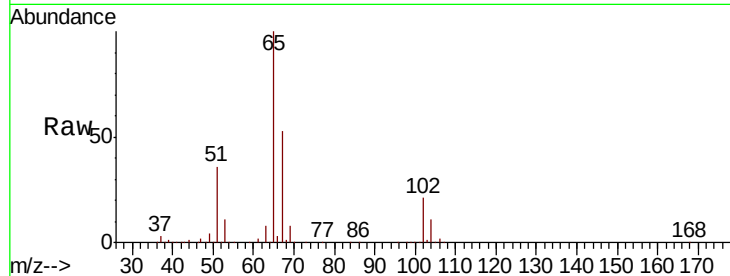




#33  
 1,2-Dichloroethane-d4  
 Concen: 47.935 ug/l  
 RT: 6.06 min Scan# 805  
 Delta R.T. -0.01 min  
 Lab File: VX005597.D  
 Acq: 25 Oct 2018 18:43

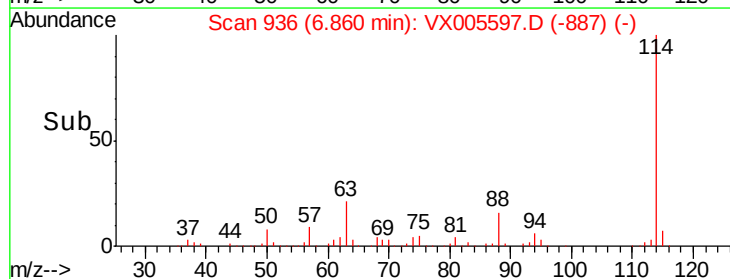
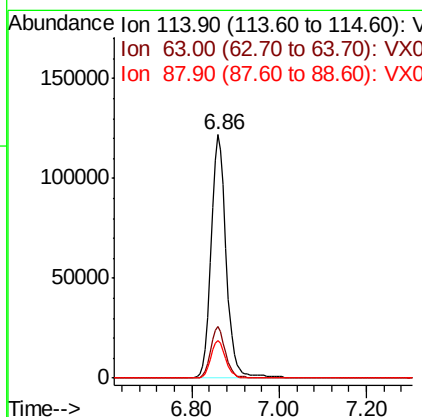
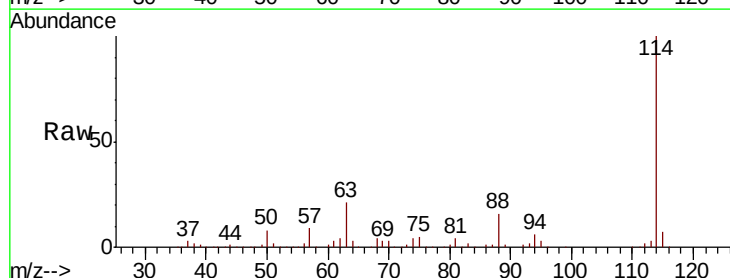
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

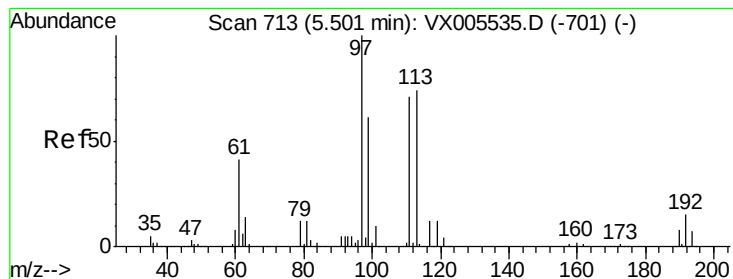
Tot Ion: 65 Resp: 122412  
 Ion Ratio Lower Upper  
 65 100  
 67 53.1 0.0 105.0



#34  
 1,4-Difluorobenzene  
 Concen: 50.000 ug/l  
 RT: 6.86 min Scan# 936  
 Delta R.T. -0.00 min  
 Lab File: VX005597.D  
 Acq: 25 Oct 2018 18:43

Tgt Ion: 114 Resp: 298390  
 Ion Ratio Lower Upper  
 114 100  
 63 21.1 0.0 42.8  
 88 15.6 0.0 31.2





#35

Dibromofluoromethane

Concen: 48.881 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

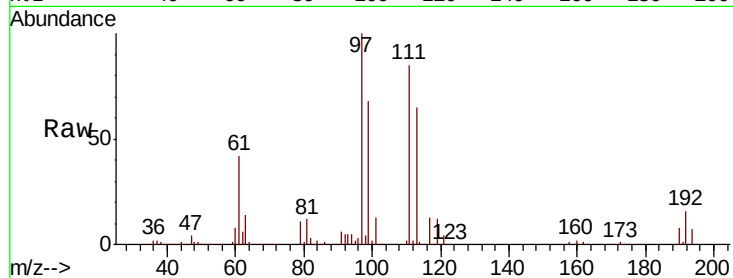
Tot Ion:113 Resp: 98762

Ion Ratio Lower Upper

113 100

111 105.2 82.3 123.5

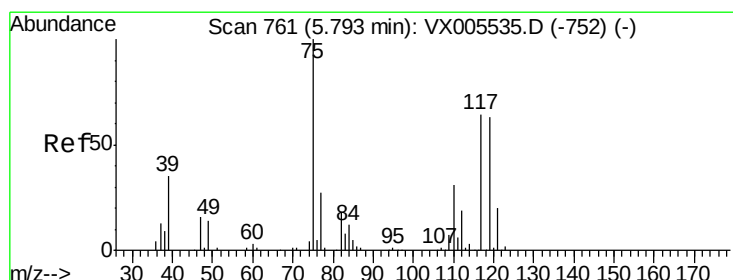
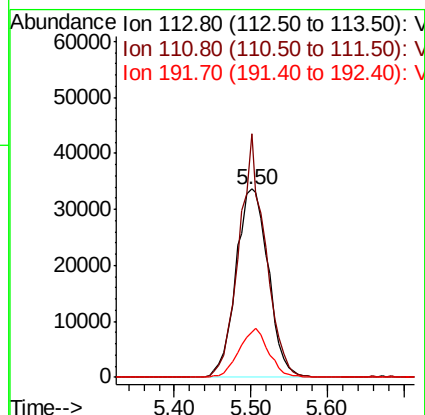
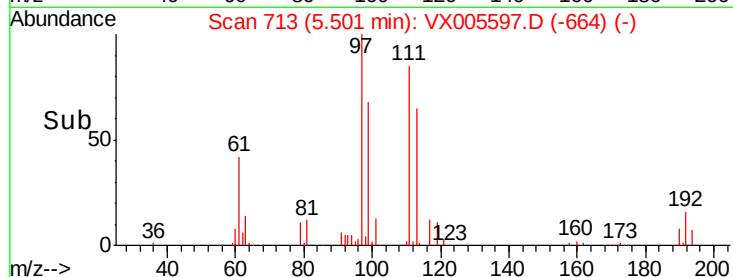
192 23.4 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 49.442 ug/l

RT: 5.81 min Scan# 763

Delta R.T. 0.01 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

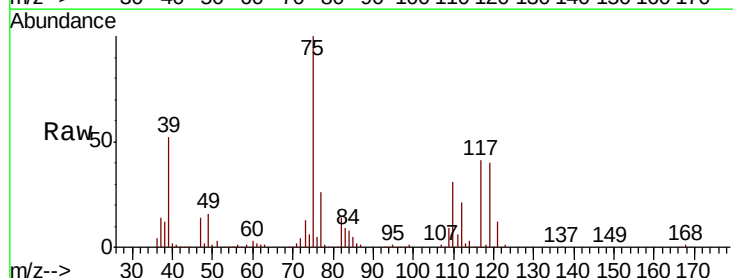
Tgt Ion: 75 Resp: 143171

Ion Ratio Lower Upper

75 100

110 35.4 17.4 52.2

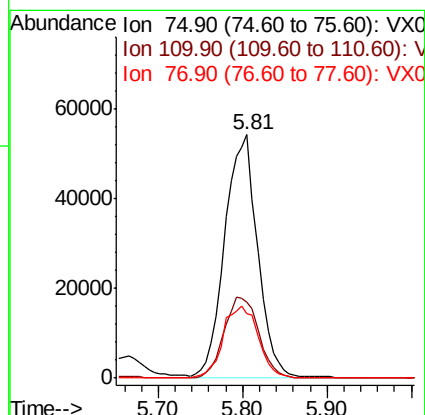
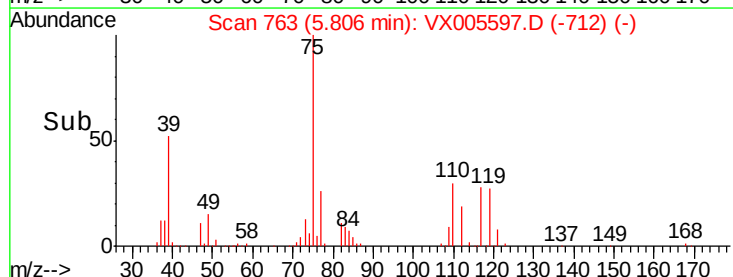
77 32.1 25.8 38.6

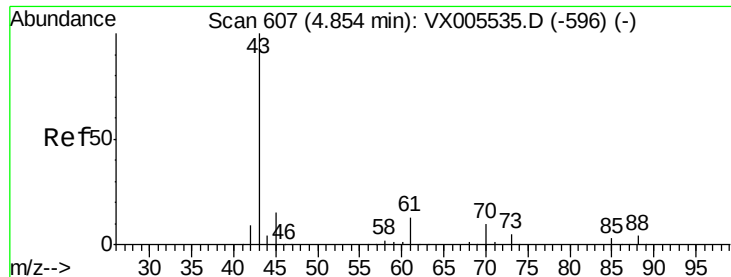


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

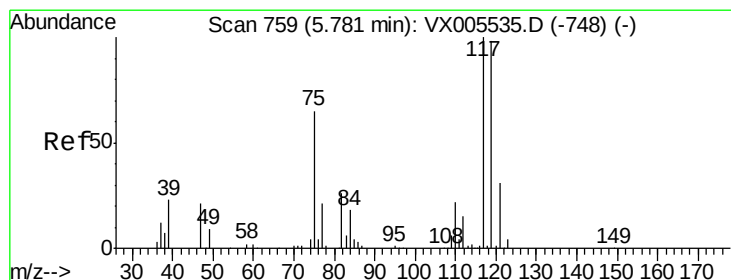
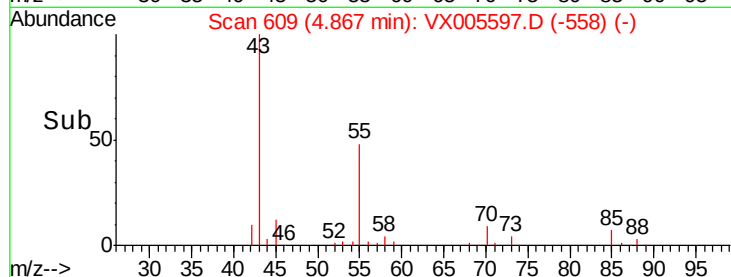
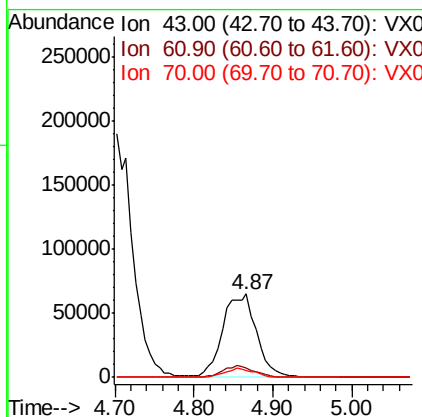
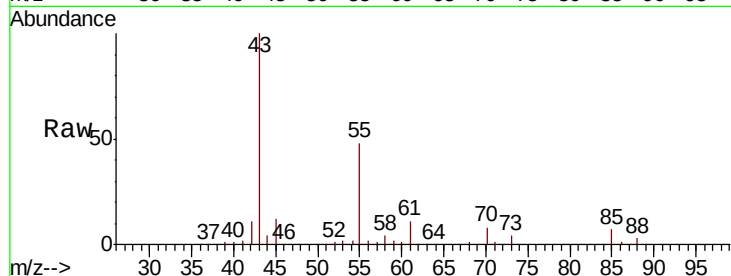




#37  
Ethyl Acetate  
Concen: 52.287 ug/l  
RT: 4.87 min Scan# 609  
Delta R.T. 0.01 min  
Lab File: VX005597.D  
Acq: 25 Oct 2018 18:43

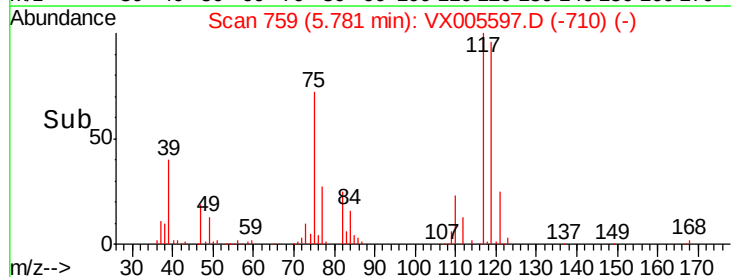
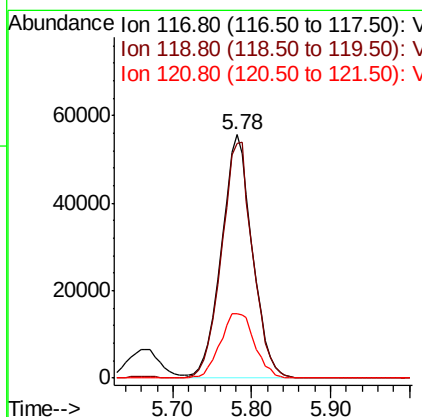
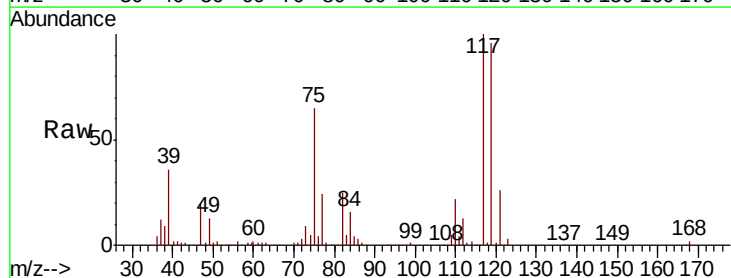
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

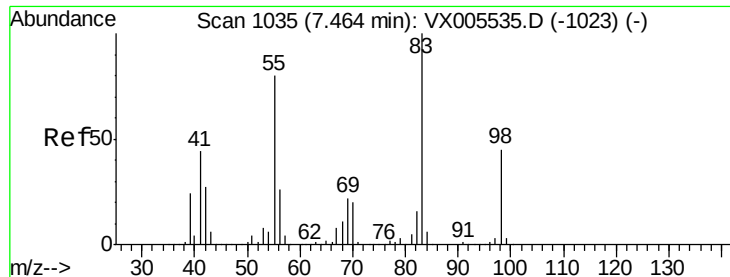
Tot Ion: 43 Resp: 193211  
Ion Ratio Lower Upper  
43 100  
61 13.1 10.8 16.2  
70 9.6 7.8 11.8



#38  
Carbon Tetrachloride  
Concen: 49.614 ug/l  
RT: 5.78 min Scan# 759  
Delta R.T. -0.00 min  
Lab File: VX005597.D  
Acq: 25 Oct 2018 18:43

Tgt Ion: 117 Resp: 151318  
Ion Ratio Lower Upper  
117 100  
119 96.3 78.1 117.1  
121 26.4 24.6 36.8

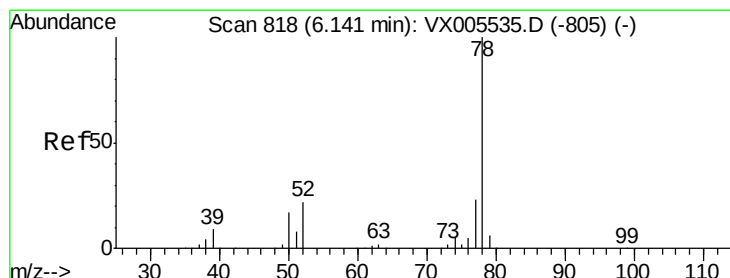
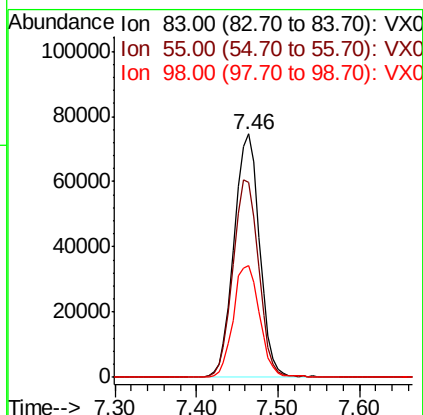
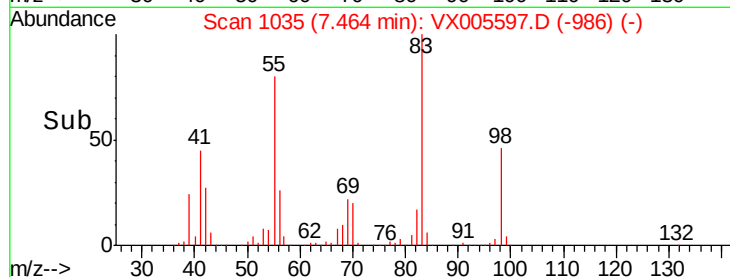
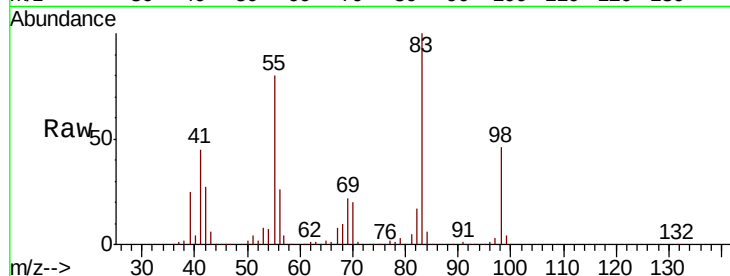




#39  
Methylvlcyclohexane  
Concen: 50.539 ug/l  
RT: 7.46 min Scan# 1035  
Delta R.T. -0.00 min  
Lab File: VX005597.D  
Acq: 25 Oct 2018 18:43

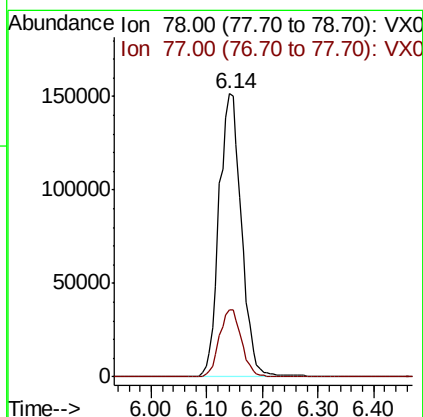
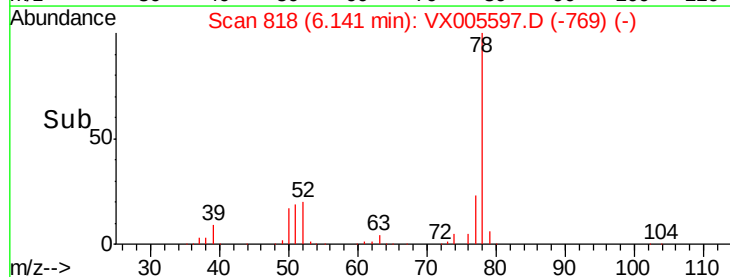
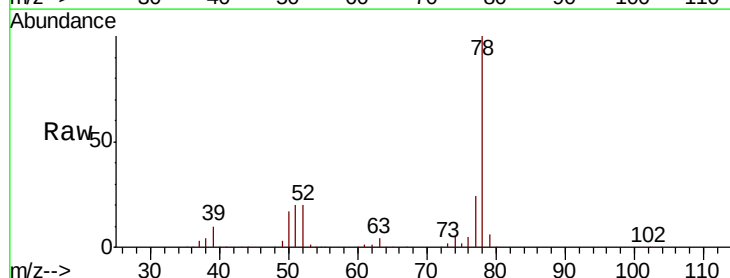
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion: 83 Resp: 161602  
Ion Ratio Lower Upper  
83 100  
55 80.2 63.7 95.5  
98 45.9 36.2 54.2

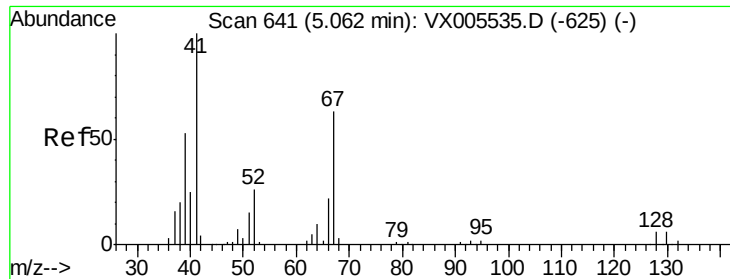


#40  
Benzene  
Concen: 50.667 ug/l  
RT: 6.14 min Scan# 818  
Delta R.T. -0.00 min  
Lab File: VX005597.D  
Acq: 25 Oct 2018 18:43

Tgt Ion: 78 Resp: 420587  
Ion Ratio Lower Upper  
78 100  
77 23.9 18.4 27.6



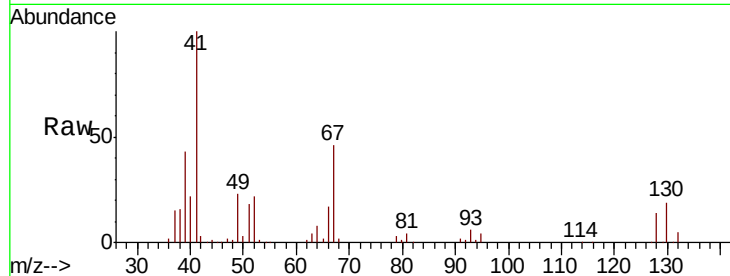




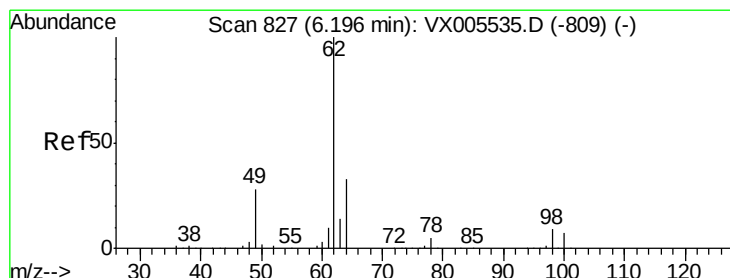
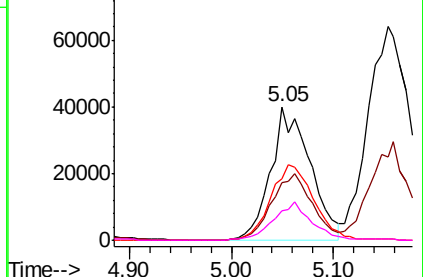
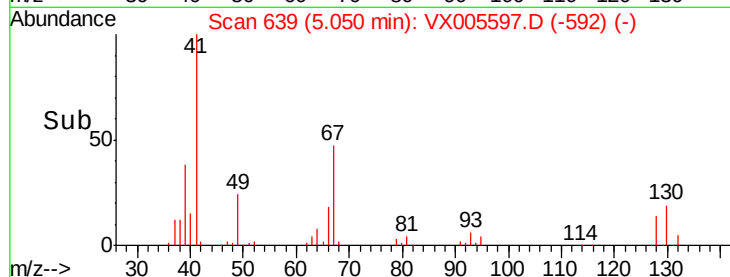
#41  
Methacrylonitrile  
Concen: 51.845 ug/l  
RT: 5.05 min Scan# 639  
Delta R.T. -0.01 min  
Lab File: VX005597.D  
Acq: 25 Oct 2018 18:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

|          |       |       |        |
|----------|-------|-------|--------|
| Tot Ion: | 41    | Resp: | 106716 |
| Ion      | Ratio | Lower | Upper  |
| 41       | 100   |       |        |
| 39       | 51.3  | 42.2  | 63.2   |
| 67       | 62.5  | 53.4  | 80.0   |
| 52       | 28.8  | 23.4  | 35.2   |

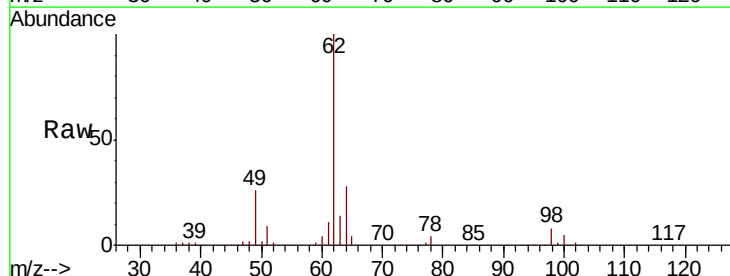


Abundance Ion 41.00 (40.70 to 41.70): VX0  
Ion 39.00 (38.70 to 39.70): VX0  
Ion 67.00 (66.70 to 67.70): VX0  
Ion 52.00 (51.70 to 52.70): VX0

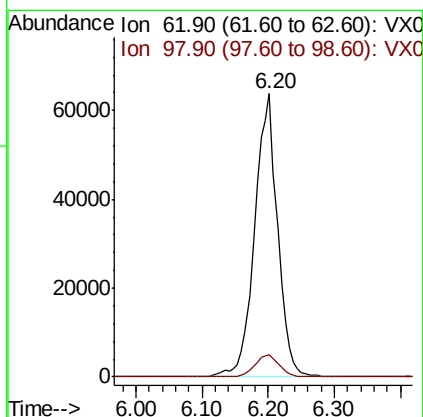
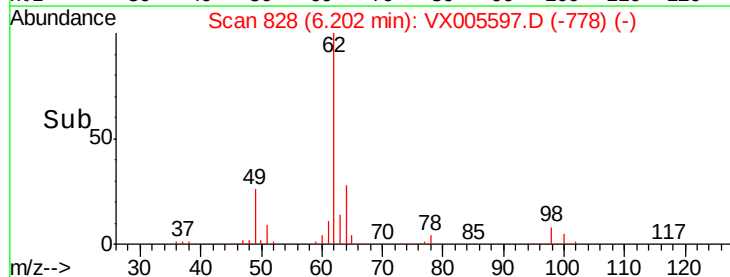


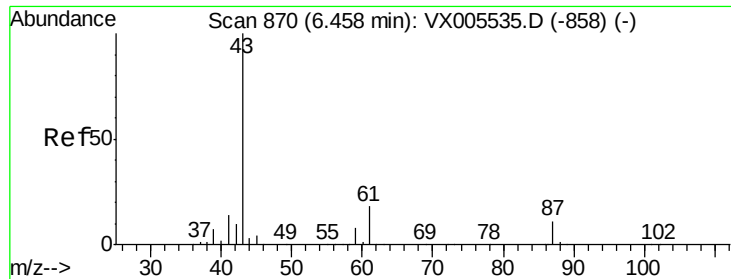
#42  
1,2-Dichloroethane  
Concen: 49.003 ug/l  
RT: 6.20 min Scan# 828  
Delta R.T. 0.01 min  
Lab File: VX005597.D  
Acq: 25 Oct 2018 18:43

|          |       |       |        |
|----------|-------|-------|--------|
| Tgt Ion: | 62    | Resp: | 154529 |
| Ion      | Ratio | Lower | Upper  |
| 62       | 100   |       |        |
| 98       | 8.4   | 0.0   | 17.8   |



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





#43

Isopropyl Acetate

Concen: 47.536 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

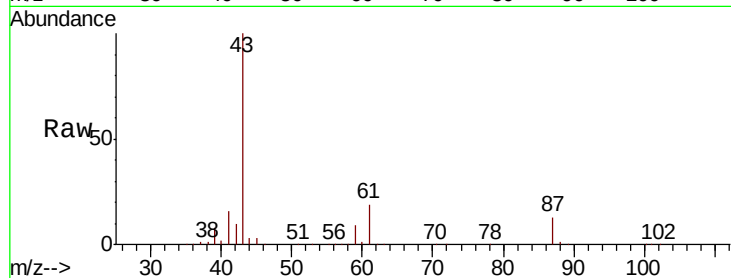
Tot Ion: 43 Resp: 263220

Ion Ratio Lower Upper

43 100

61 19.9 14.6 22.0

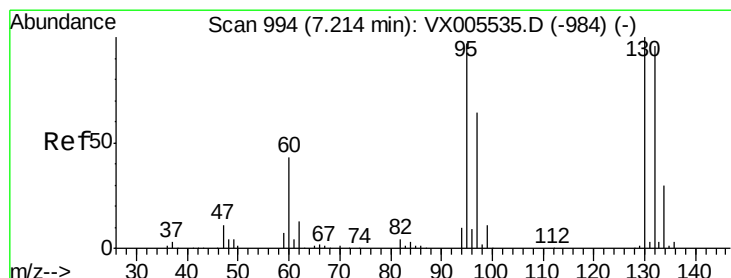
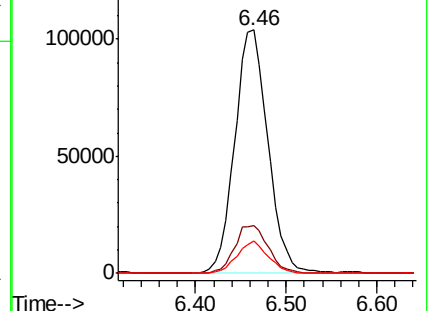
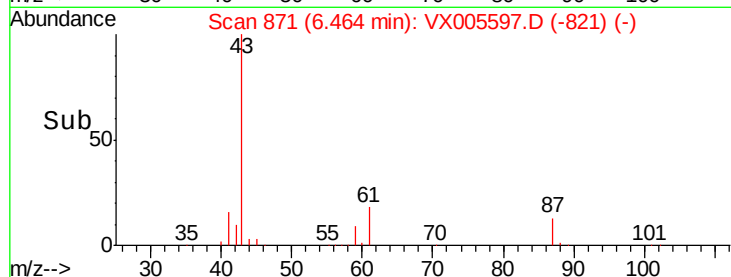
87 12.5 9.6 14.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.006 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005597.D

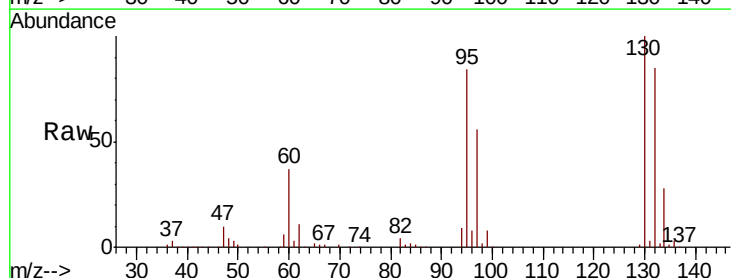
Acq: 25 Oct 2018 18:43

Tgt Ion:130 Resp: 113083

Ion Ratio Lower Upper

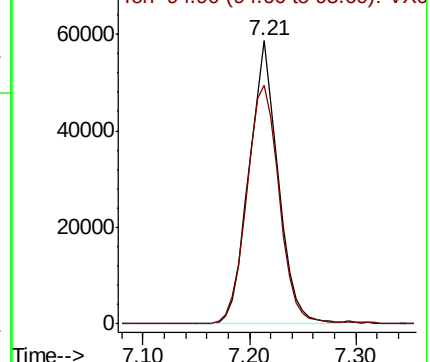
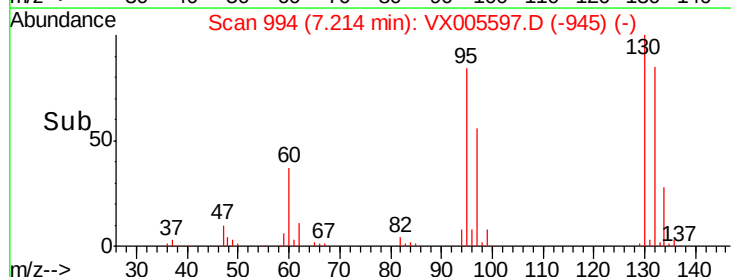
130 100

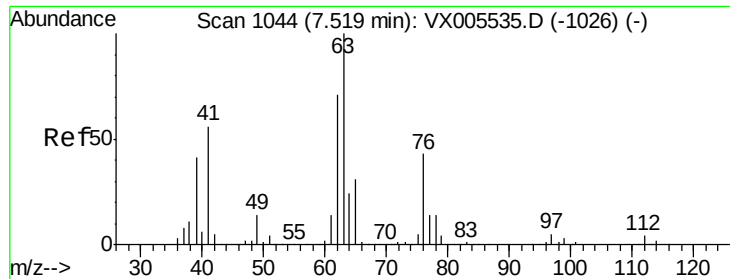
95 84.2 0.0 194.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

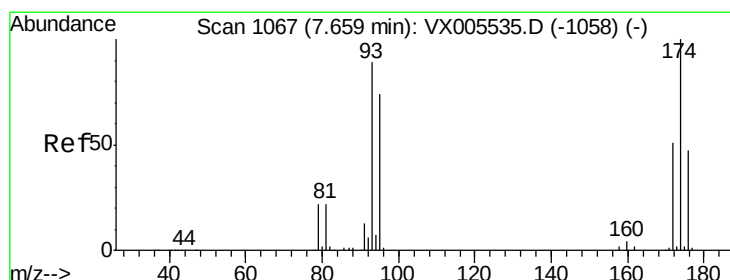
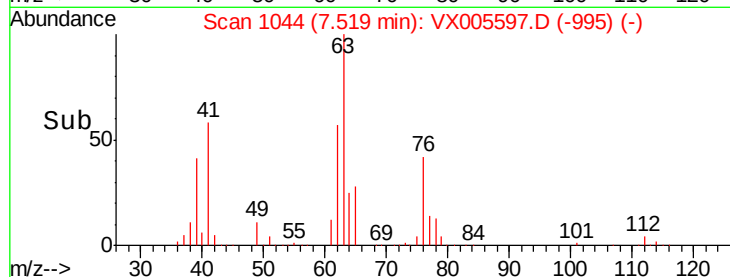
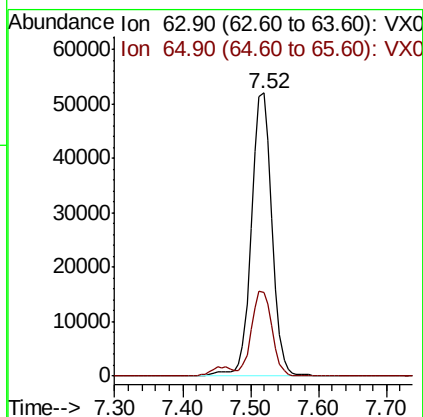
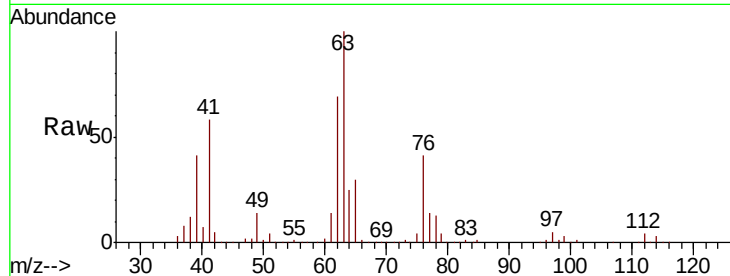




#45  
 1,2-Dichloropropane  
 Concen: 49.205 ug/l  
 RT: 7.52 min Scan# 1044  
 Delta R.T. -0.00 min  
 Lab File: VX005597.D  
 Acq: 25 Oct 2018 18:43

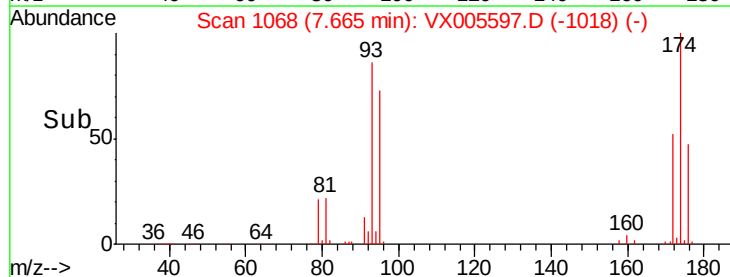
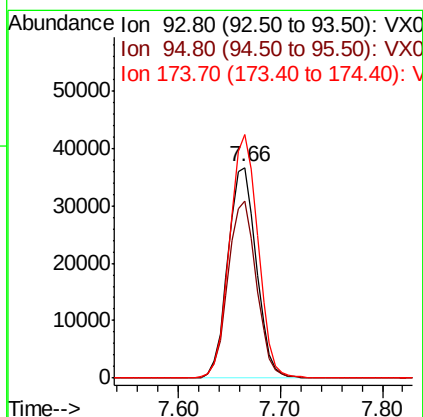
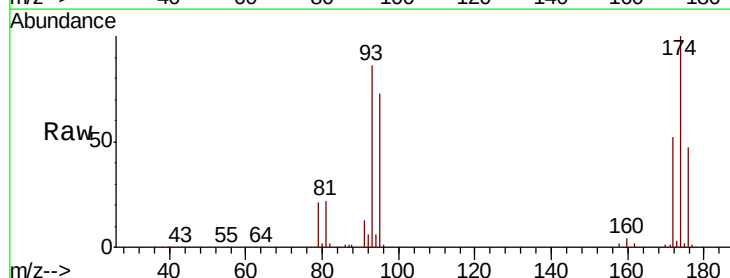
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

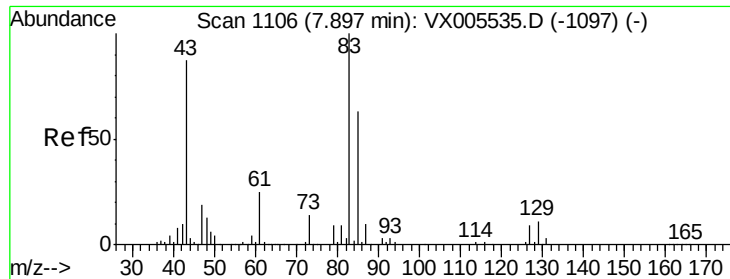
Tot Ion: 63 Resp: 109812  
 Ion Ratio Lower Upper  
 63 100  
 65 29.8 24.8 37.2



#46  
 Dibromomethane  
 Concen: 49.090 ug/l  
 RT: 7.66 min Scan# 1068  
 Delta R.T. 0.01 min  
 Lab File: VX005597.D  
 Acq: 25 Oct 2018 18:43

Tgt Ion: 93 Resp: 70758  
 Ion Ratio Lower Upper  
 93 100  
 95 84.1 67.4 101.0  
 174 115.2 91.5 137.3





#47

Bromodichloromethane

Concen: 49.986 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

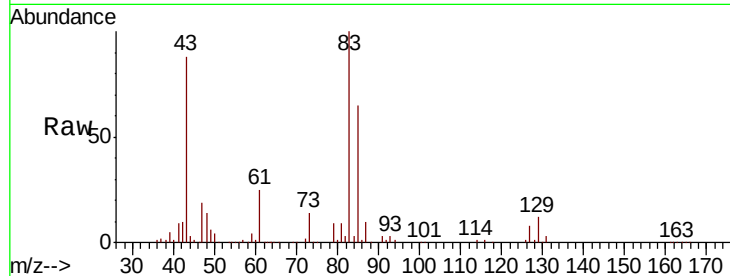
Tot Ion: 83 Resp: 139837

Ion Ratio Lower Upper

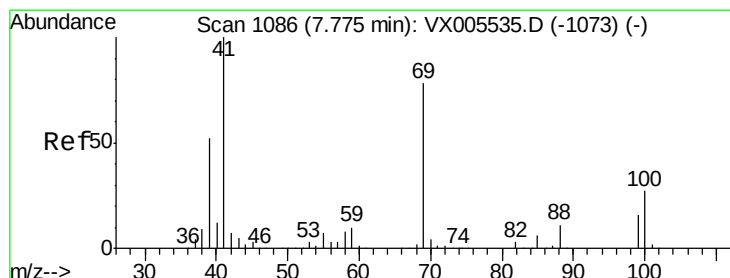
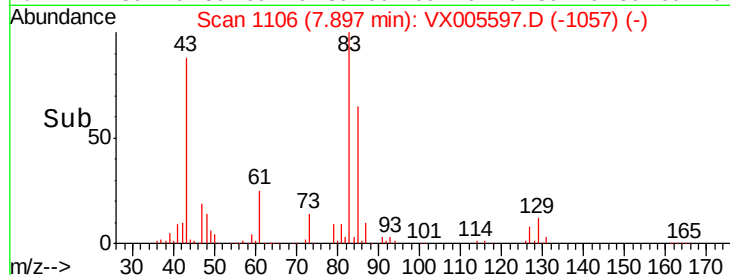
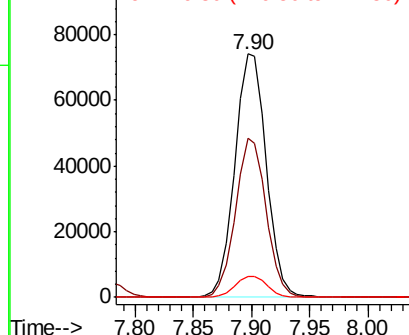
83 100

85 65.3 50.2 75.4

127 8.4 6.9 10.3



Abundance Ion 82.90 (82.60 to 83.60): VX0  
Ion 84.90 (84.60 to 85.60): VX0  
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 52.405 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

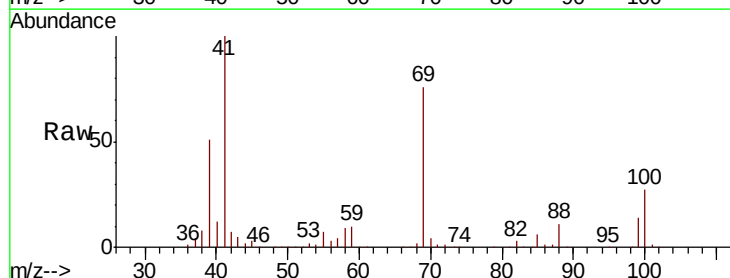
Tgt Ion: 41 Resp: 141367

Ion Ratio Lower Upper

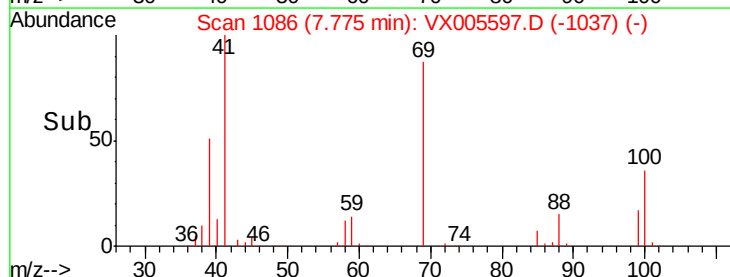
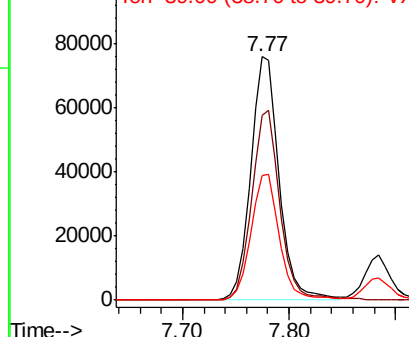
41 100

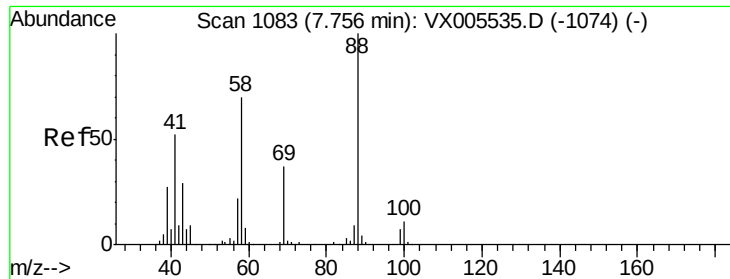
69 78.2 63.2 94.8

39 51.8 42.2 63.2



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: 1031.160 ug/l

RT: 7.76 min Scan# 1083

Delta R.T. -0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

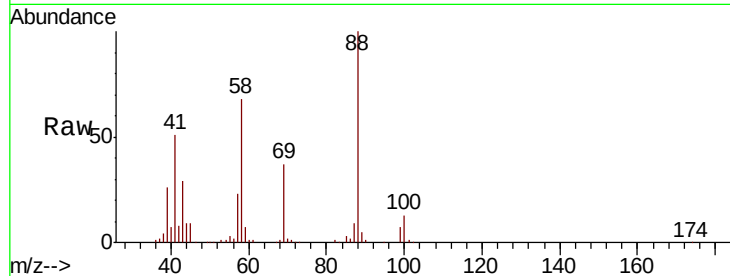
Tot Ion: 88 Resp: 60788

Ion Ratio Lower Upper

88 100

43 34.4 27.4 41.0

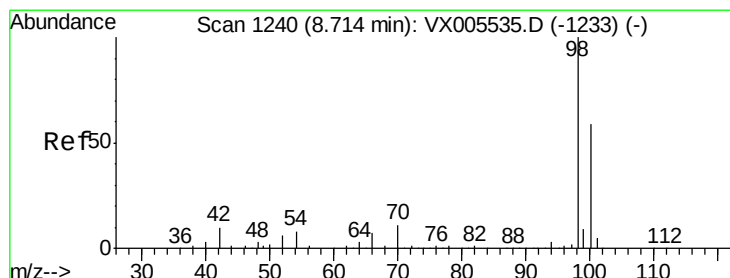
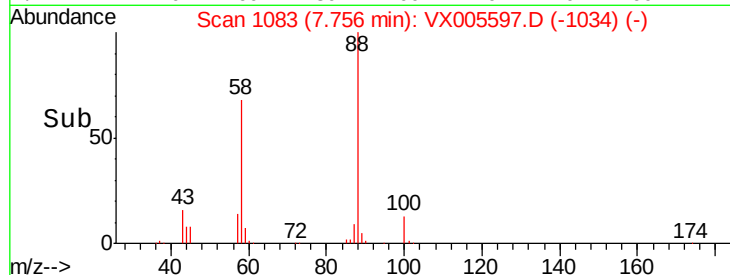
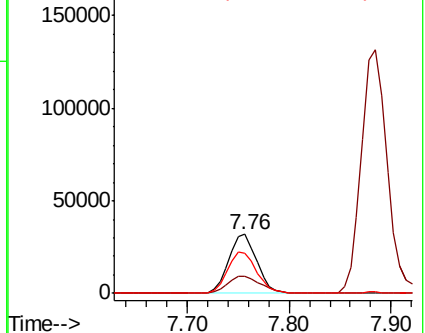
58 72.3 59.4 89.2



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: 49.779 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX005597.D

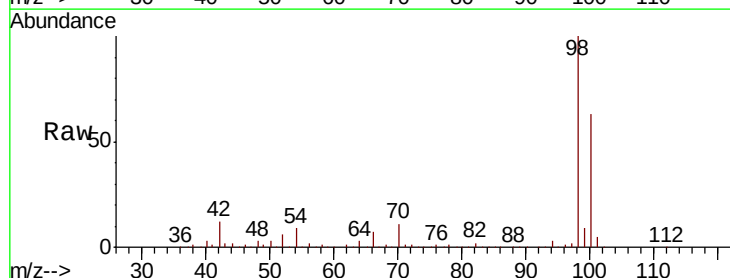
Acq: 25 Oct 2018 18:43

Tgt Ion: 98 Resp: 361387

Ion Ratio Lower Upper

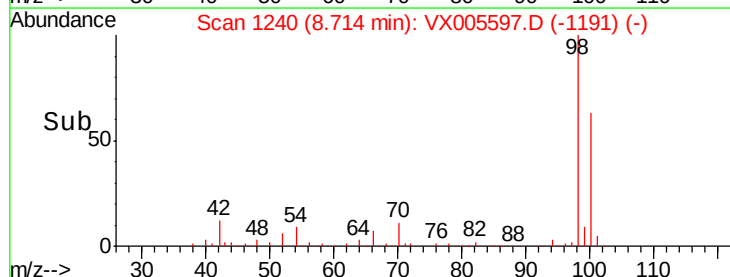
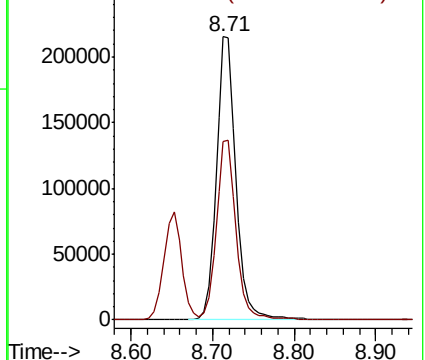
98 100

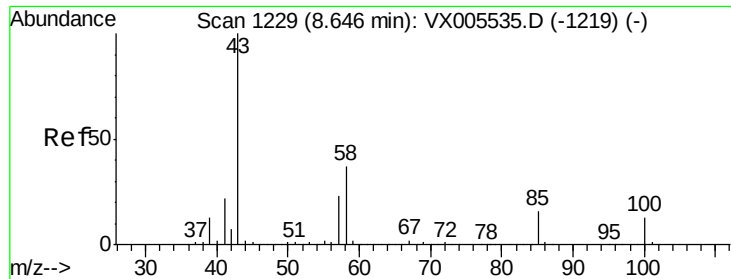
100 64.3 51.3 76.9



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: 254.732 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.01 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

Instrument :

MSVOA\_X

ClientSampleId :

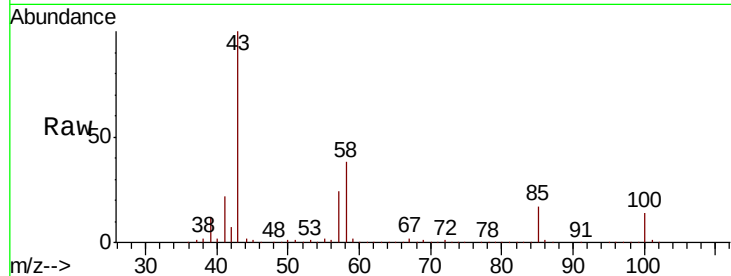
VSTDCCC050EC

Tot Ion: 43 Resp: 947966

Ion Ratio Lower Upper

43 100

58 37.1 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

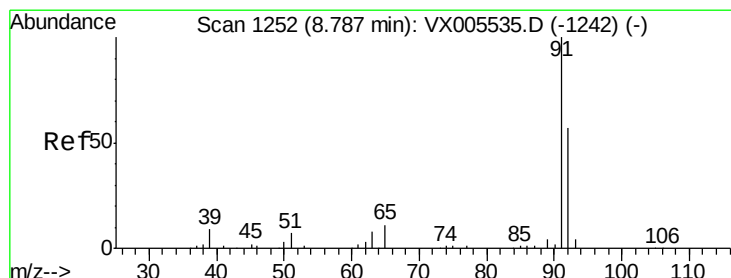
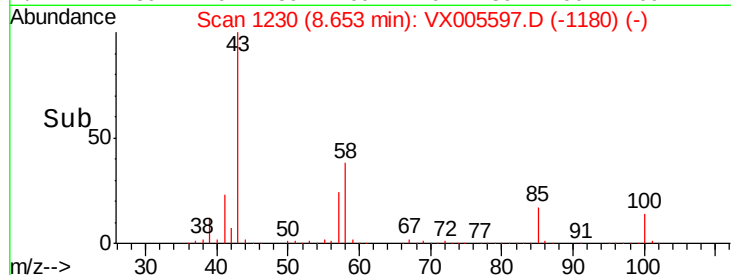
600000

400000

200000

0

Time-->



#52

Toluene

Concen: 51.009 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005597.D

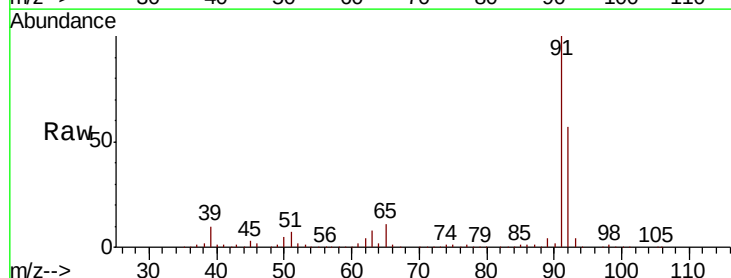
Acq: 25 Oct 2018 18:43

Tgt Ion: 92 Resp: 257338

Ion Ratio Lower Upper

92 100

91 174.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

300000

250000

200000

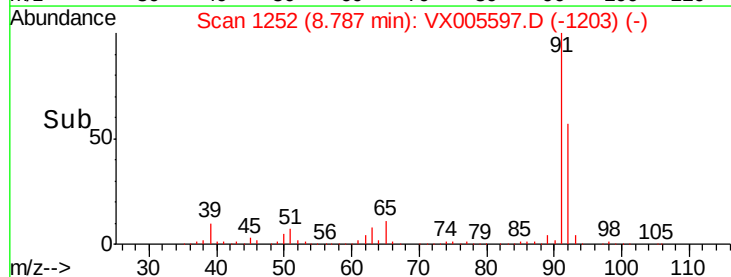
150000

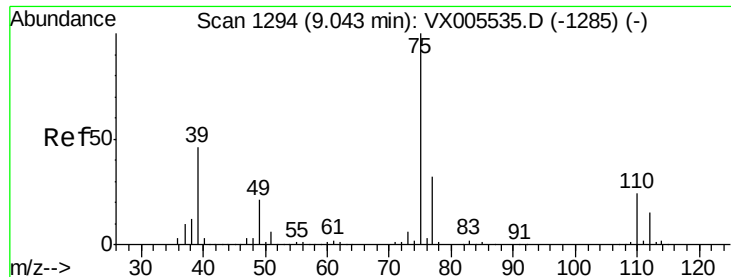
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.345 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

Instrument :

MSVOA\_X

ClientSampleId :

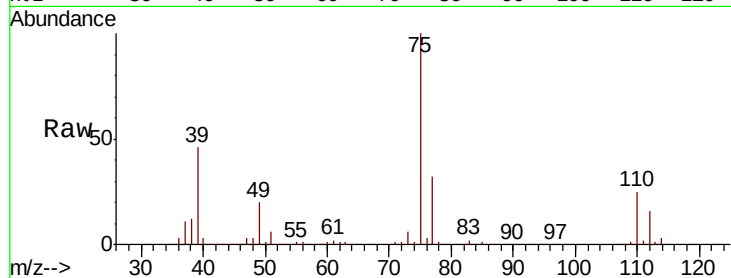
VSTDCCC050EC

Tot Ion: 75 Resp: 155240

Ion Ratio Lower Upper

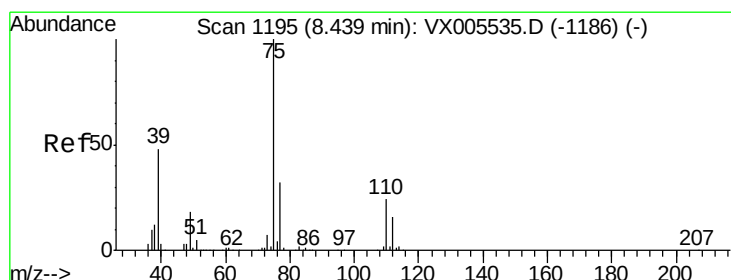
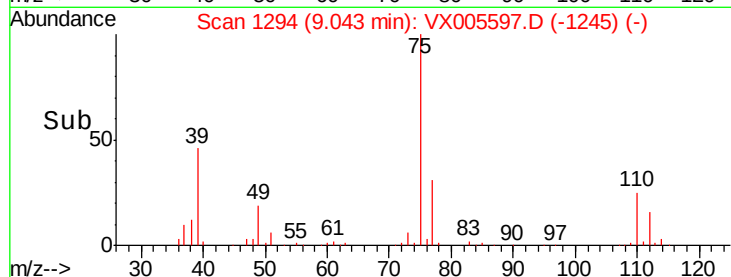
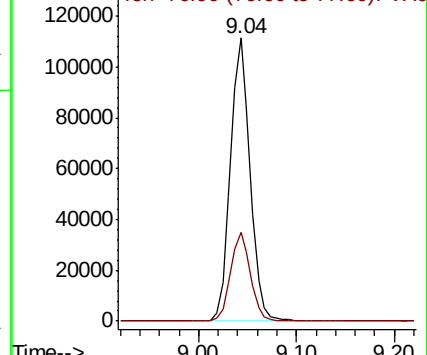
75 100

77 31.5 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 51.261 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.01 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

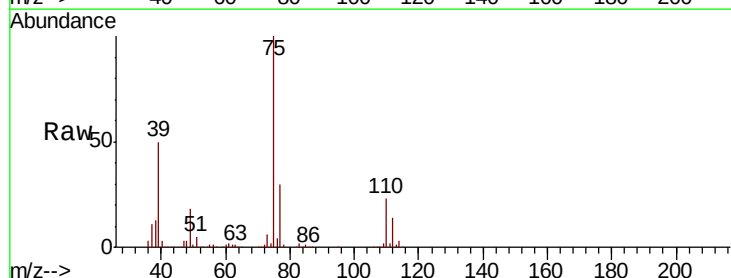
Tgt Ion: 75 Resp: 166866

Ion Ratio Lower Upper

75 100

77 30.5 25.2 37.8

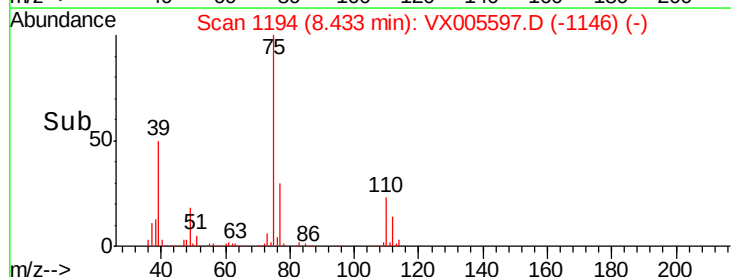
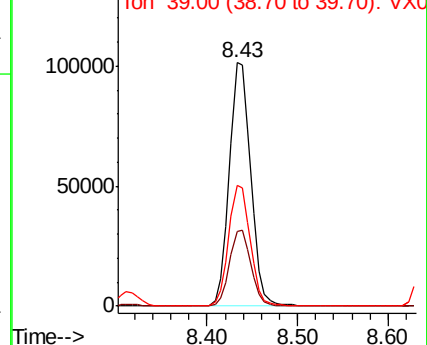
39 49.6 38.2 57.2

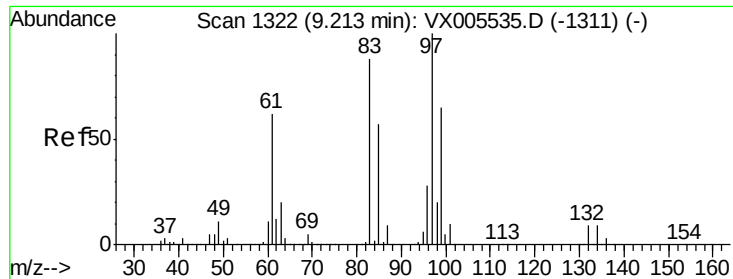


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

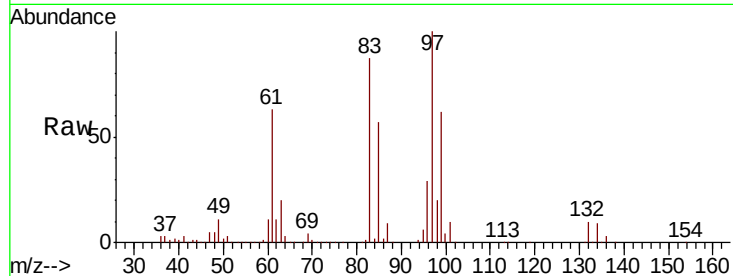




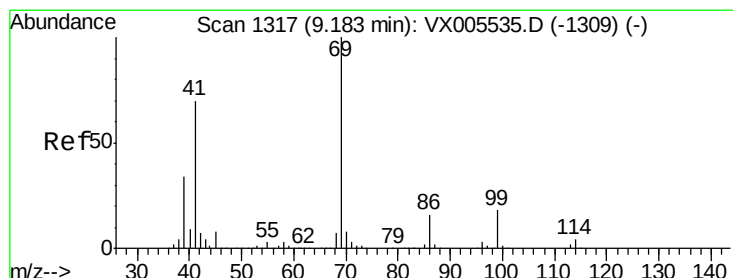
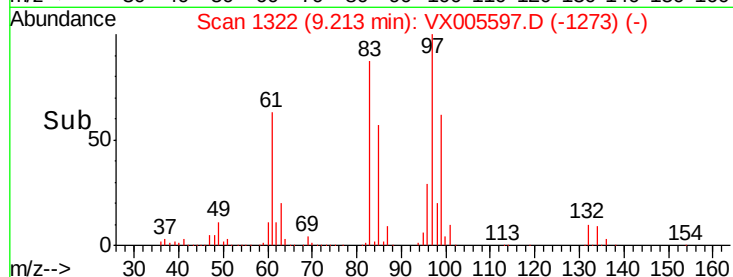
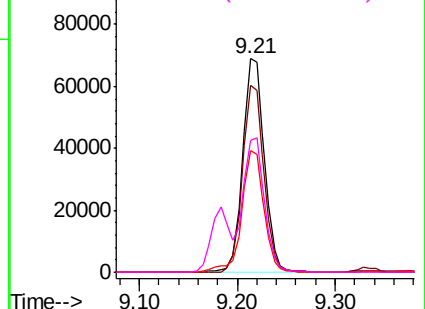
#55  
 1,1,2-Trichloroethane  
 Concen: 49.777 ug/l  
 RT: 9.21 min Scan# 1322  
 Delta R.T. -0.00 min  
 Lab File: VX005597.D  
 Acq: 25 Oct 2018 18:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion: 97 Resp: 105874  
 Ion Ratio Lower Upper  
 97 100  
 83 87.4 70.7 106.1  
 85 56.8 45.8 68.6  
 99 61.7 51.8 77.8

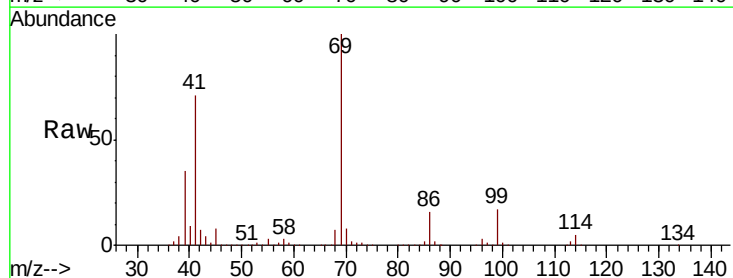


Abundance Ion 96.90 (96.60 to 97.60): VX0  
 Ion 82.90 (82.60 to 83.60): VX0  
 Ion 84.90 (84.60 to 85.60): VX0  
 Ion 98.90 (98.60 to 99.60): VX0

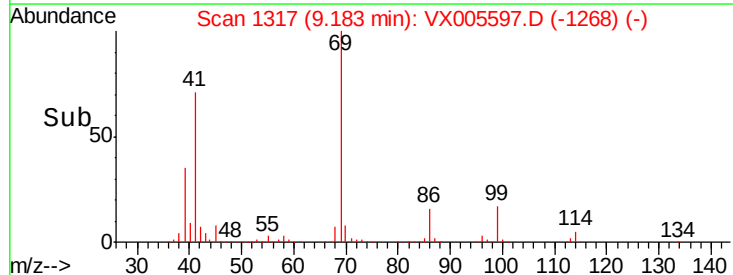
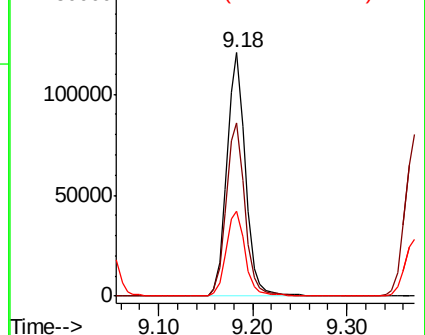


#56  
 Ethyl methacrylate  
 Concen: 52.105 ug/l  
 RT: 9.18 min Scan# 1317  
 Delta R.T. -0.00 min  
 Lab File: VX005597.D  
 Acq: 25 Oct 2018 18:43

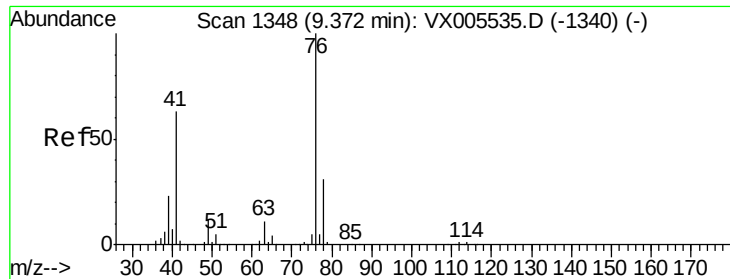
Tgt Ion: 69 Resp: 165306  
 Ion Ratio Lower Upper  
 69 100  
 41 71.7 57.0 85.6  
 39 35.6 28.3 42.5



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



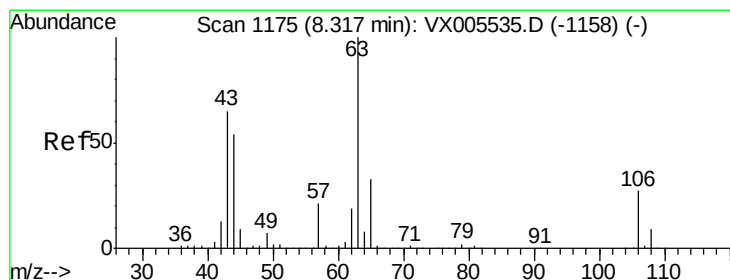
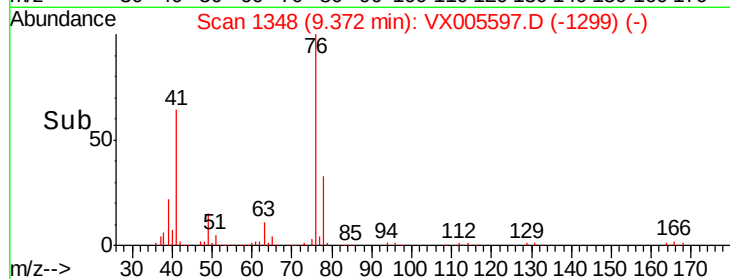
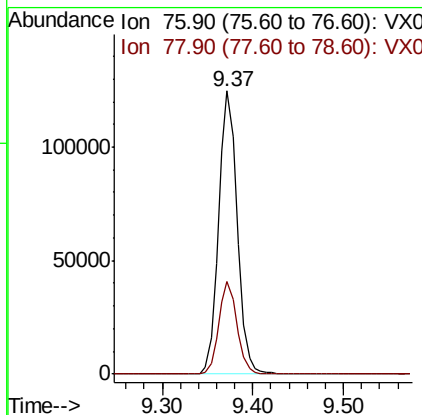
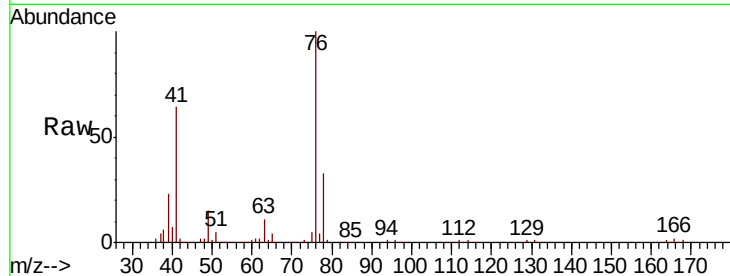




#57  
 1,3-Dichloropropane  
 Concen: 49.724 ug/l  
 RT: 9.37 min Scan# 1348  
 Delta R.T. -0.00 min  
 Lab File: VX005597.D  
 Acq: 25 Oct 2018 18:43

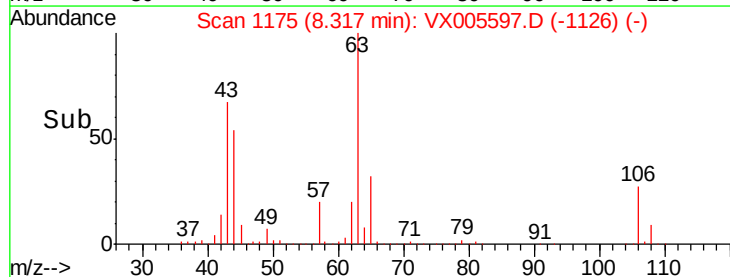
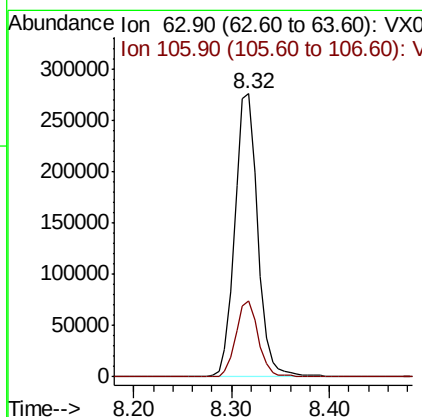
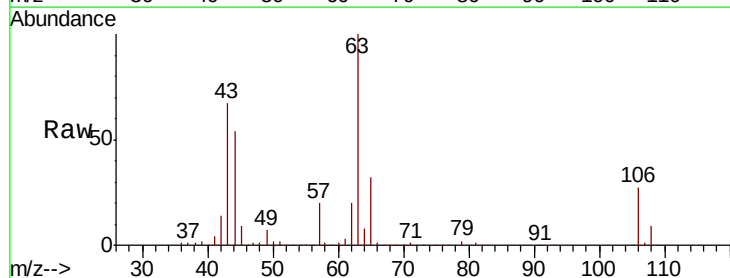
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

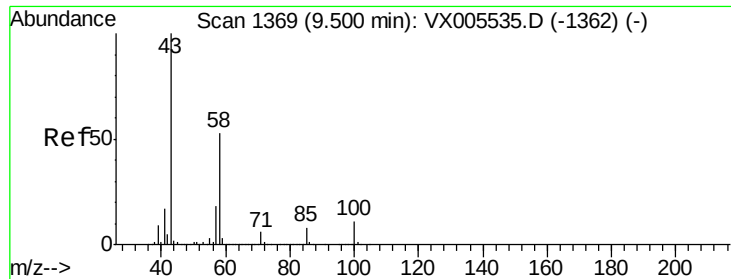
Tot Ion: 76 Resp: 178950  
 Ion Ratio Lower Upper  
 76 100  
 78 32.1 25.3 37.9



#58  
 2-Chloroethyl Vinyl ether  
 Concen: 253.036 ug/l  
 RT: 8.32 min Scan# 1175  
 Delta R.T. -0.00 min  
 Lab File: VX005597.D  
 Acq: 25 Oct 2018 18:43

Tgt Ion: 63 Resp: 448355  
 Ion Ratio Lower Upper  
 63 100  
 106 26.6 21.3 31.9

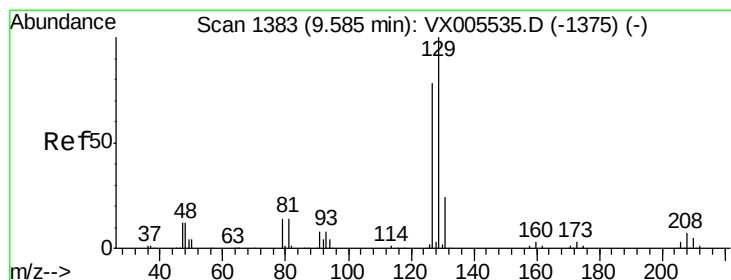
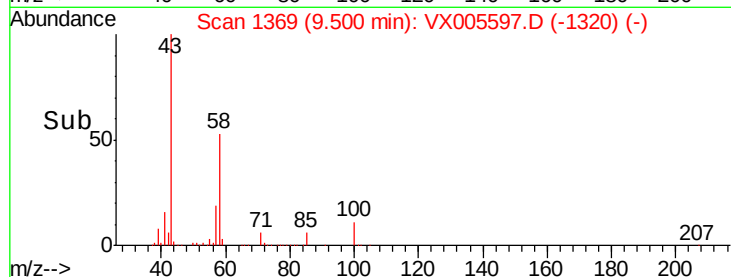
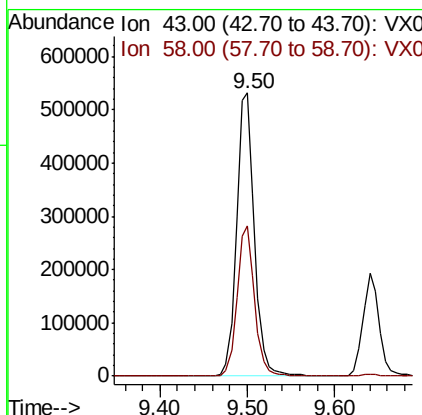
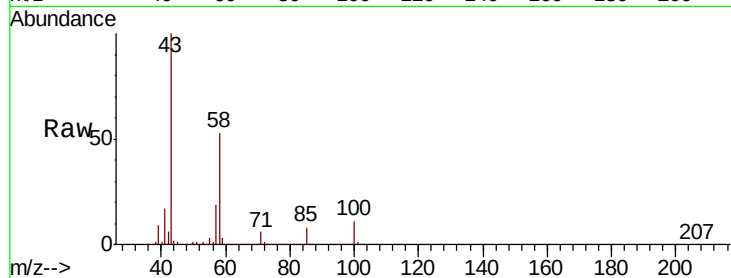




#59  
2-Hexanone  
Concen: 257.732 ug/l  
RT: 9.50 min Scan# 1369  
Delta R.T. -0.00 min  
Lab File: VX005597.D  
Acq: 25 Oct 2018 18:43

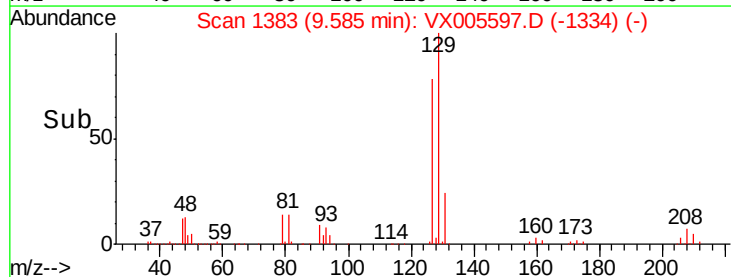
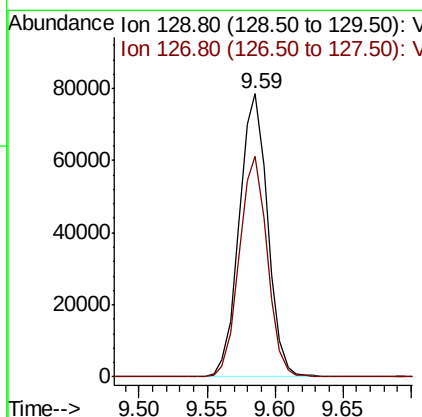
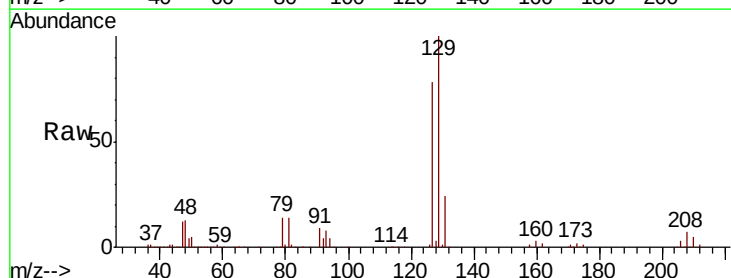
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

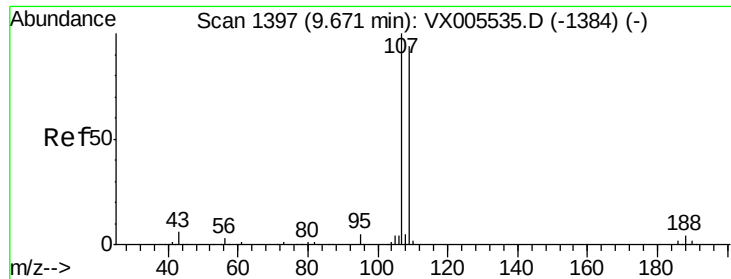
Tot Ion: 43 Resp: 756227  
Ion Ratio Lower Upper  
43 100  
58 52.2 25.9 77.8



#60  
Dibromochloromethane  
Concen: 51.558 ug/l  
RT: 9.59 min Scan# 1383  
Delta R.T. -0.00 min  
Lab File: VX005597.D  
Acq: 25 Oct 2018 18:43

Tgt Ion: 129 Resp: 114414  
Ion Ratio Lower Upper  
129 100  
127 76.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 50.819 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

Instrument :

MSVOA\_X

ClientSampleId :

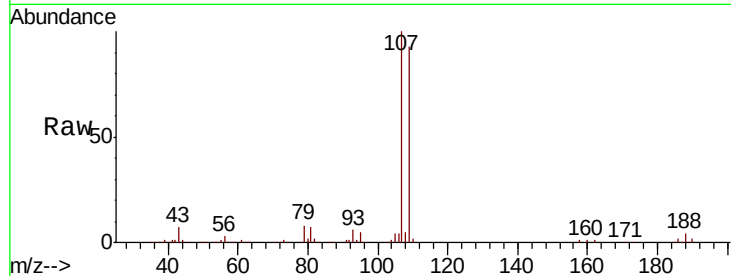
VSTDCCC050EC

Tot Ion:107 Resp: 111825

Ion Ratio Lower Upper

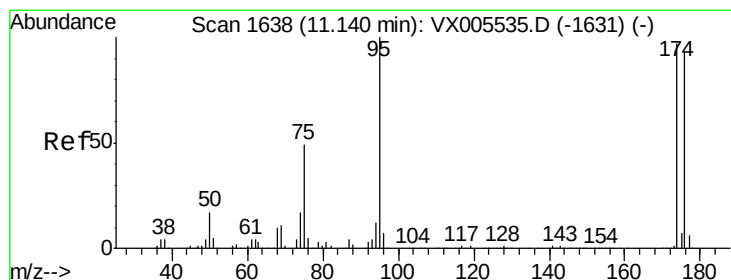
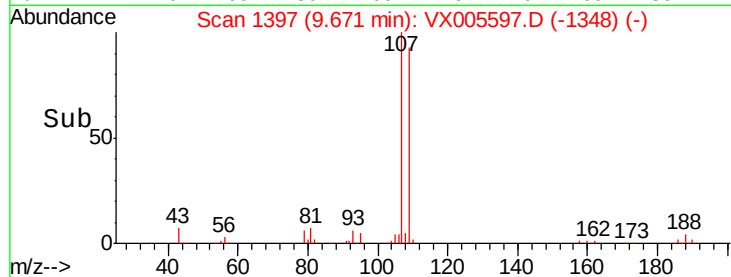
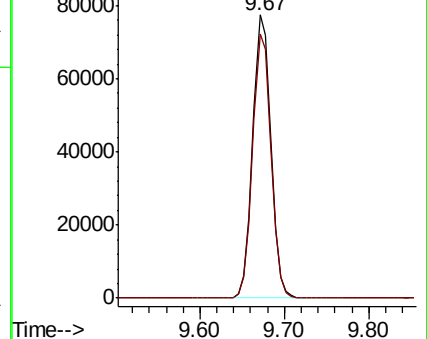
107 100

109 94.0 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.745 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

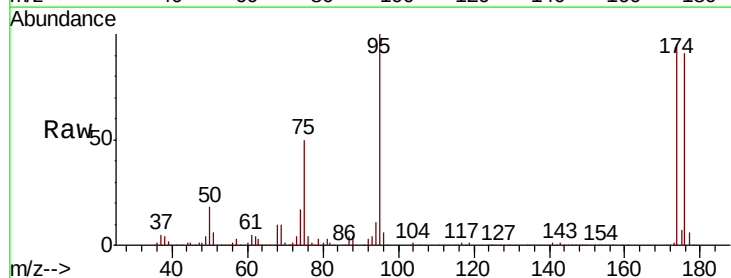
Tgt Ion: 95 Resp: 136384

Ion Ratio Lower Upper

95 100

174 92.4 0.0 184.4

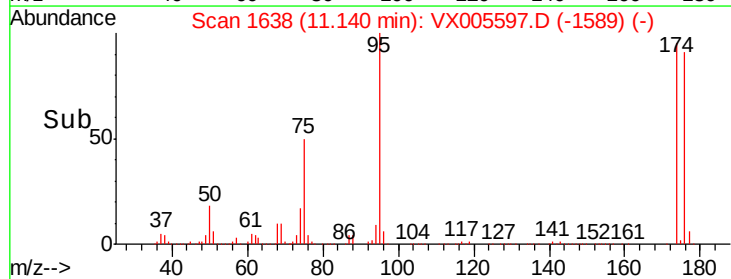
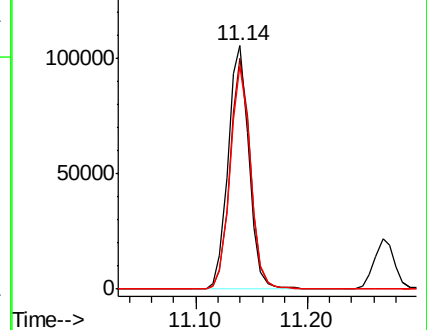
176 90.0 0.0 177.4

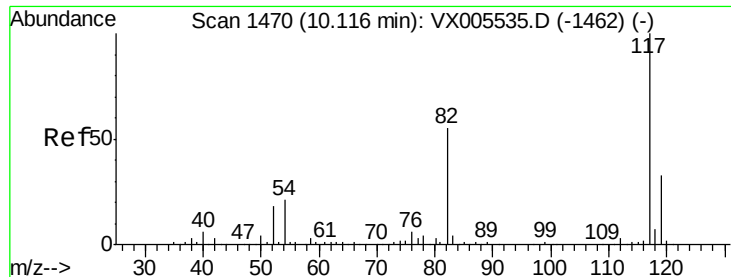


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

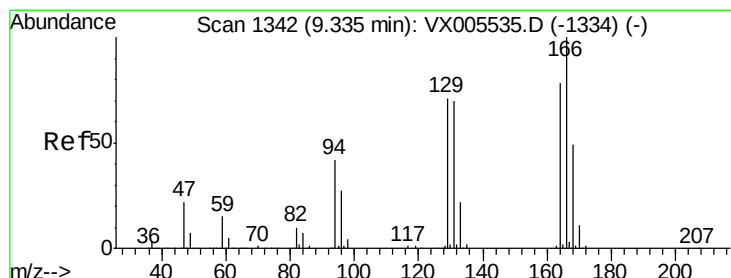
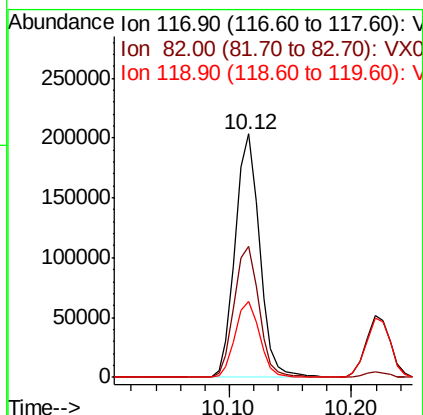
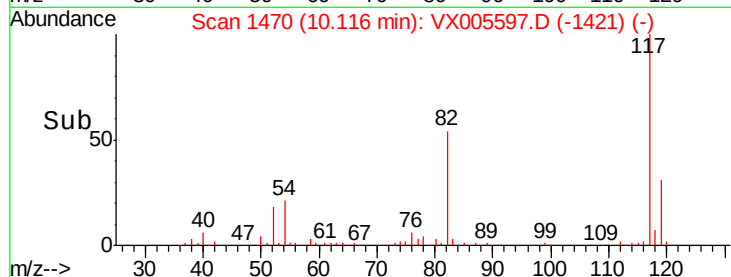
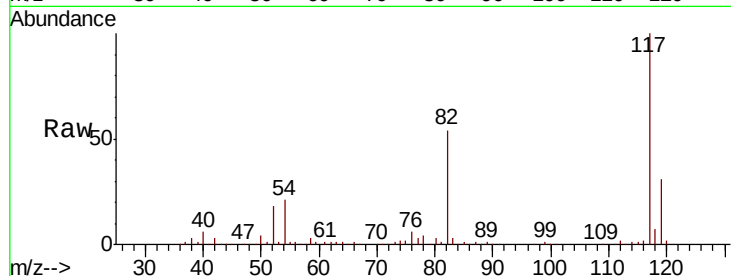




#63  
Chlorobenzene-d5  
Concen: 50.000 ug/l  
RT: 10.12 min Scan# 1470  
Delta R.T. -0.00 min  
Lab File: VX005597.D  
Acq: 25 Oct 2018 18:43

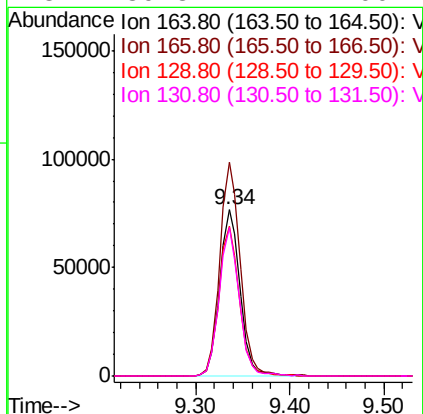
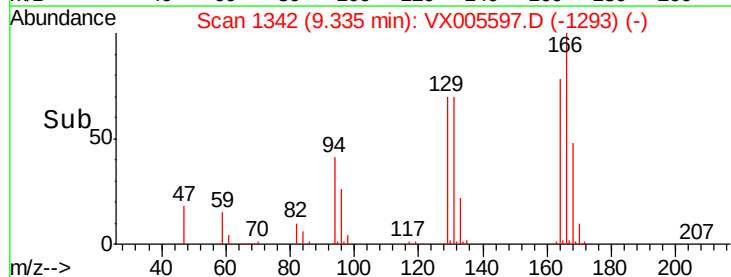
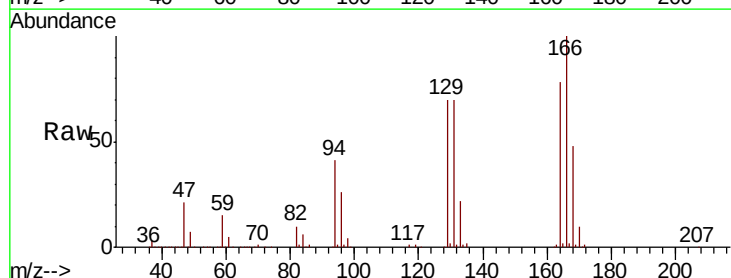
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

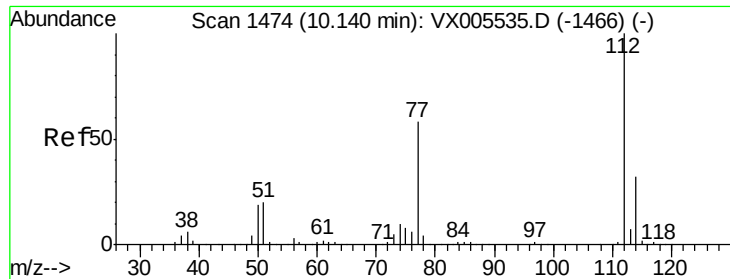
Tot Ion:117 Resp: 280702  
Ion Ratio Lower Upper  
117 100  
82 53.7 44.1 66.1  
119 31.4 26.2 39.2



#64  
Tetrachloroethene  
Concen: 49.543 ug/l  
RT: 9.34 min Scan# 1342  
Delta R.T. -0.00 min  
Lab File: VX005597.D  
Acq: 25 Oct 2018 18:43

Tgt Ion:164 Resp: 115445  
Ion Ratio Lower Upper  
164 100  
166 128.5 101.9 152.9  
129 90.3 72.6 109.0  
131 89.3 71.1 106.7

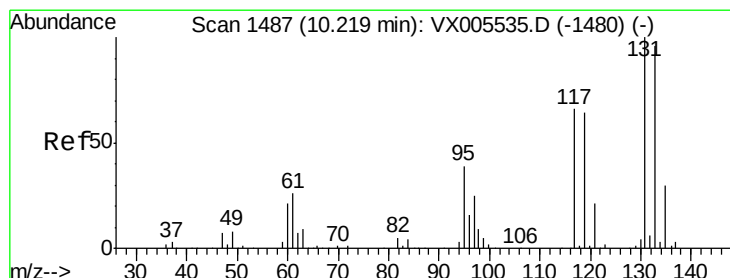
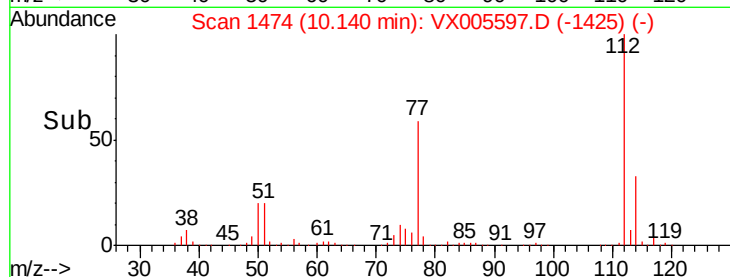
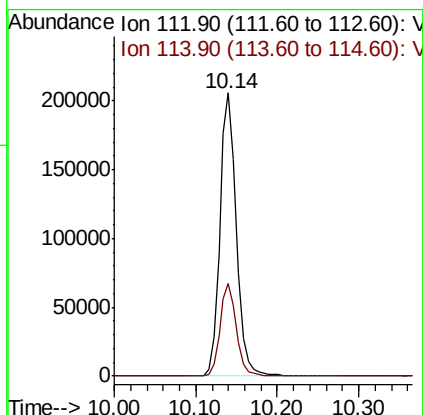
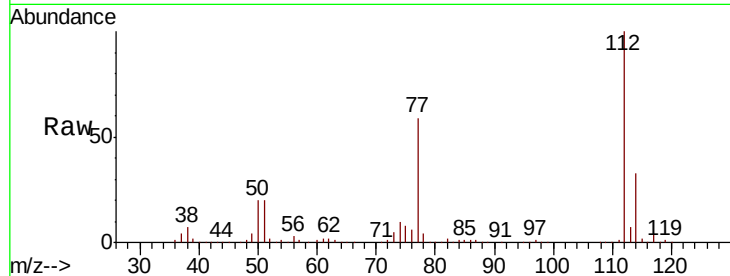




#65  
Chlorobenzene  
Concen: 48.485 ug/l  
RT: 10.14 min Scan# 1474  
Delta R.T. -0.00 min  
Lab File: VX005597.D  
Acq: 25 Oct 2018 18:43

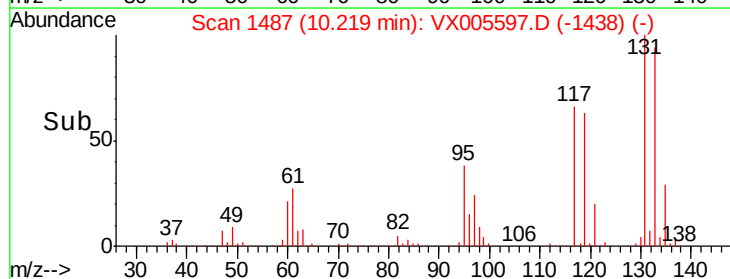
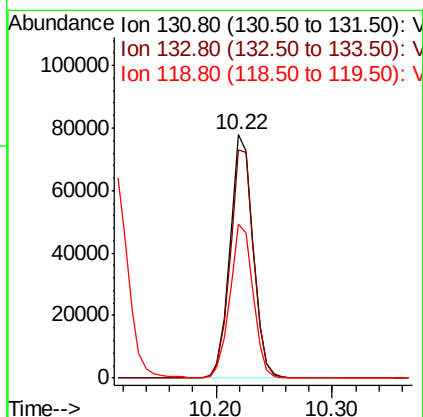
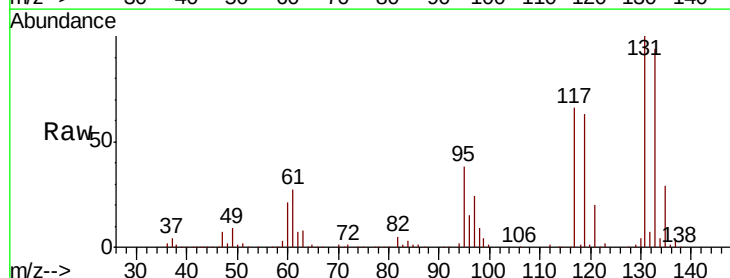
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

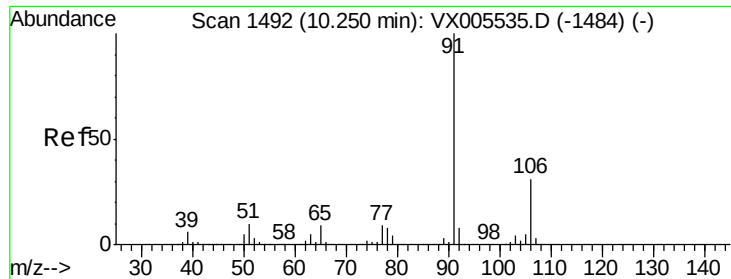
Tot Ion:112 Resp: 289813  
Ion Ratio Lower Upper  
112 100  
114 32.8 25.8 38.6



#66  
1,1,1,2-Tetrachloroethane  
Concen: 49.190 ug/l  
RT: 10.22 min Scan# 1487  
Delta R.T. -0.00 min  
Lab File: VX005597.D  
Acq: 25 Oct 2018 18:43

Tgt Ion:131 Resp: 107211  
Ion Ratio Lower Upper  
131 100  
133 95.5 47.5 142.5  
119 63.9 31.8 95.3

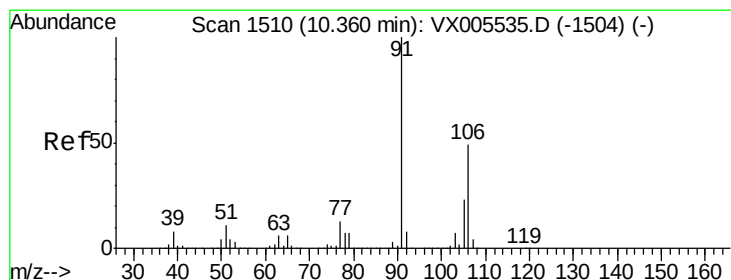
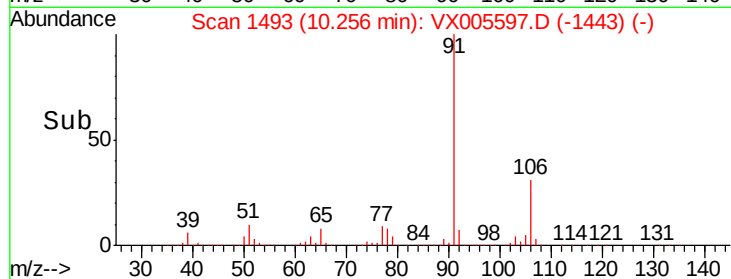
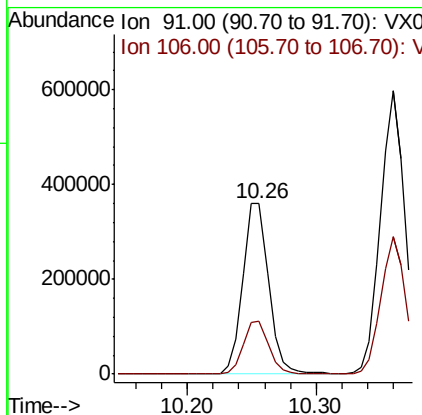
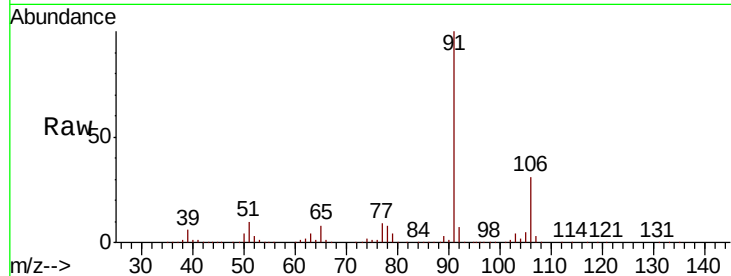




#67  
Ethyl Benzene  
Concen: 51.068 ug/l  
RT: 10.26 min Scan# 1493  
Delta R.T. 0.01 min  
Lab File: VX005597.D  
Acq: 25 Oct 2018 18:43

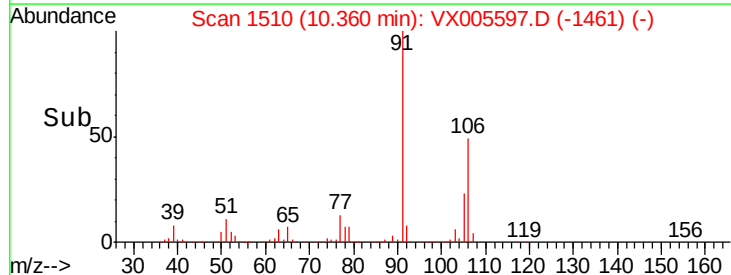
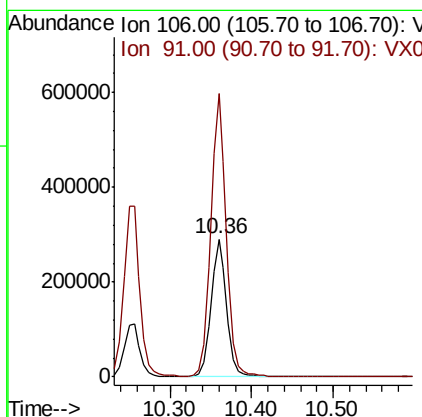
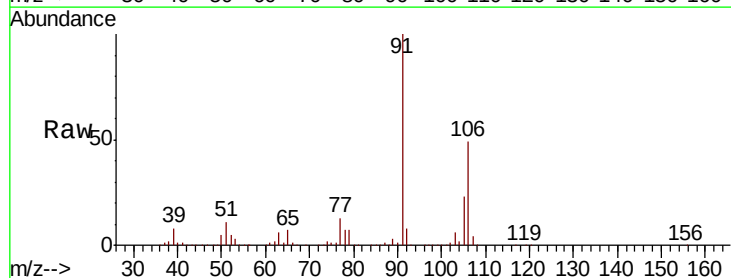
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

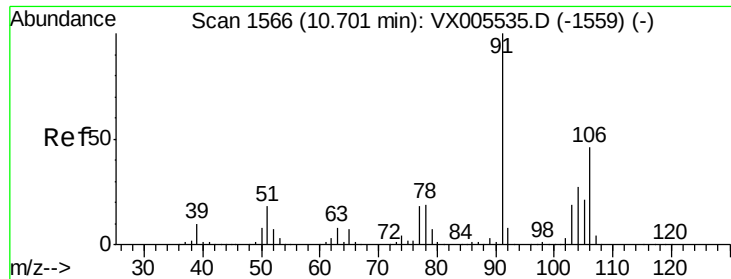
Tot Ion: 91 Resp: 502228  
Ion Ratio Lower Upper  
91 100  
106 30.9 24.4 36.6



#68  
m/p-Xylenes  
Concen: 102.149 ug/l  
RT: 10.36 min Scan# 1510  
Delta R.T. -0.00 min  
Lab File: VX005597.D  
Acq: 25 Oct 2018 18:43

Tgt Ion: 106 Resp: 389749  
Ion Ratio Lower Upper  
106 100  
91 205.8 164.2 246.4

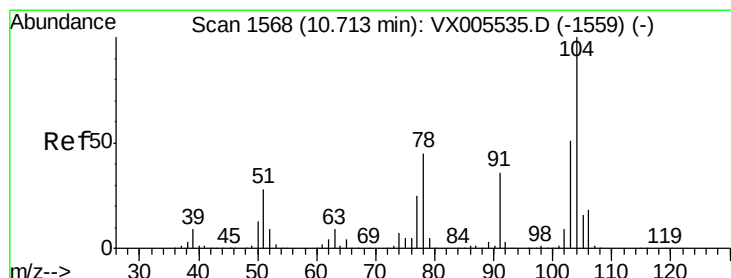
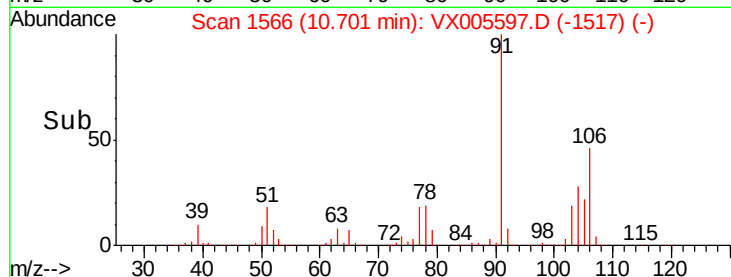
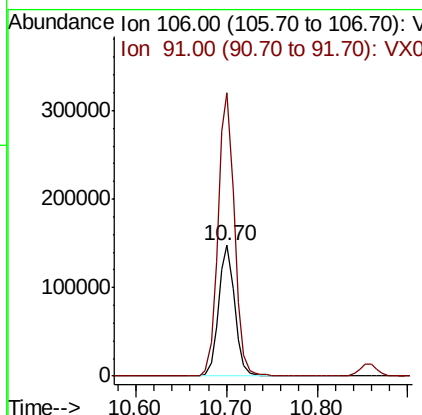
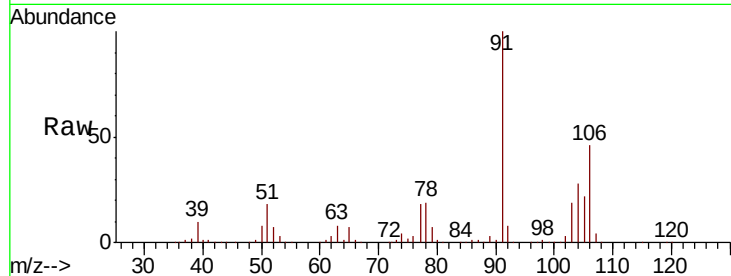




#69  
o-Xylene  
Concen: 51.360 ug/l  
RT: 10.70 min Scan# 1566  
Delta R.T. -0.00 min  
Lab File: VX005597.D  
Acq: 25 Oct 2018 18:43

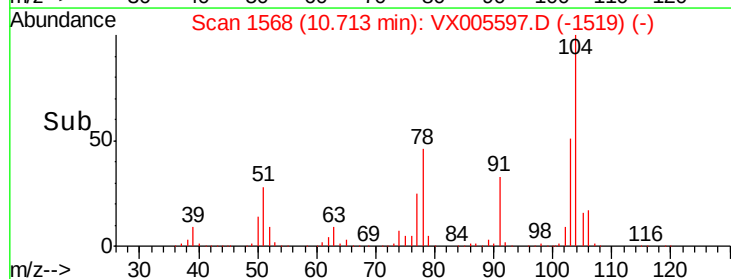
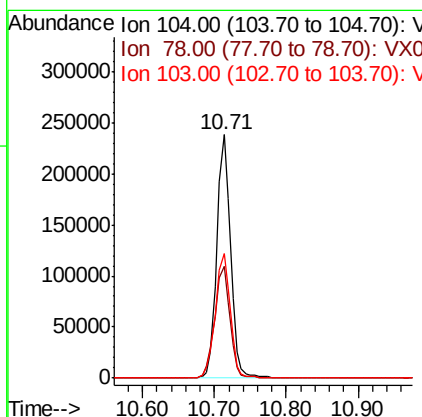
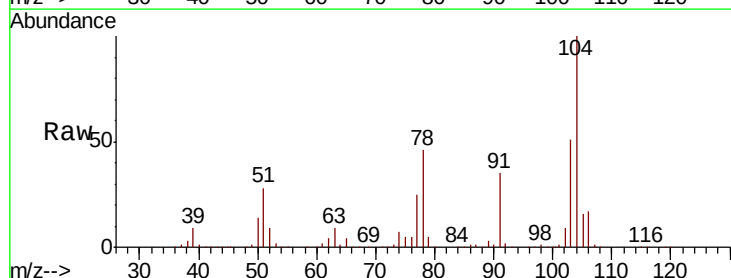
Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

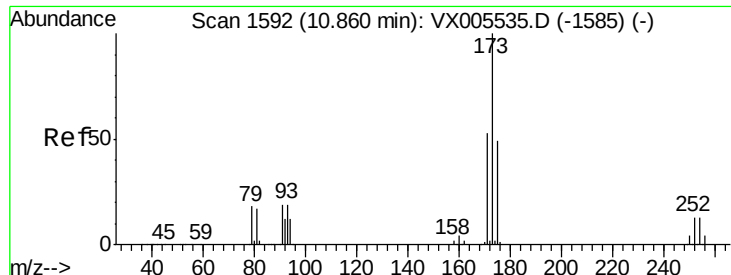
Tot Ion:106 Resp: 184366  
Ion Ratio Lower Upper  
106 100  
91 219.4 108.5 325.5



#70  
Styrene  
Concen: 52.396 ug/l  
RT: 10.71 min Scan# 1568  
Delta R.T. -0.00 min  
Lab File: VX005597.D  
Acq: 25 Oct 2018 18:43

Tgt Ion:104 Resp: 314862  
Ion Ratio Lower Upper  
104 100  
78 51.2 40.2 60.4  
103 56.0 44.9 67.3





#71

Bromoform

Concen: 48.712 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

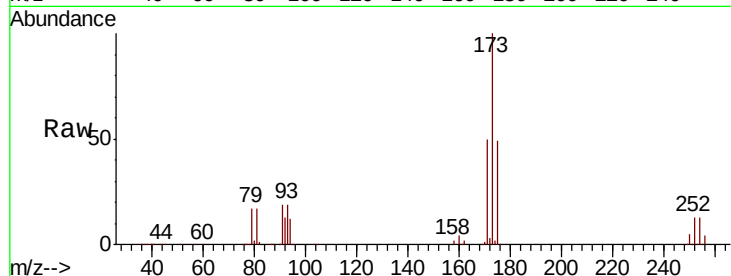
Tot Ion:173 Resp: 94740

Ion Ratio Lower Upper

173 100

175 49.2 24.8 74.3

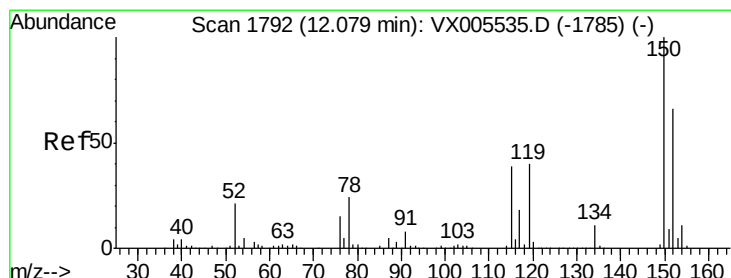
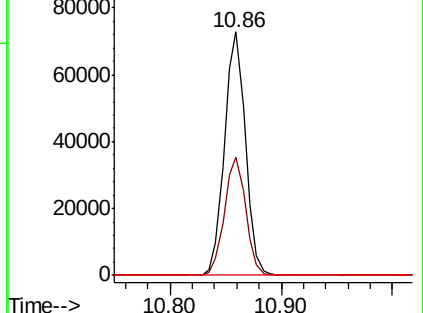
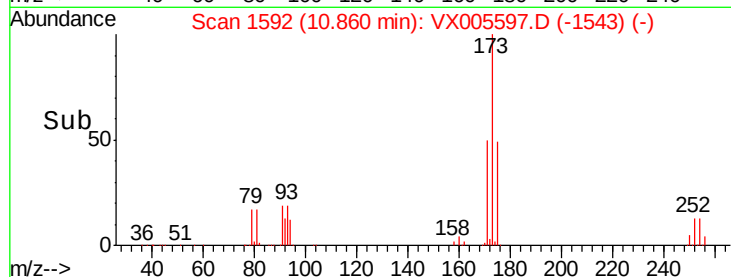
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

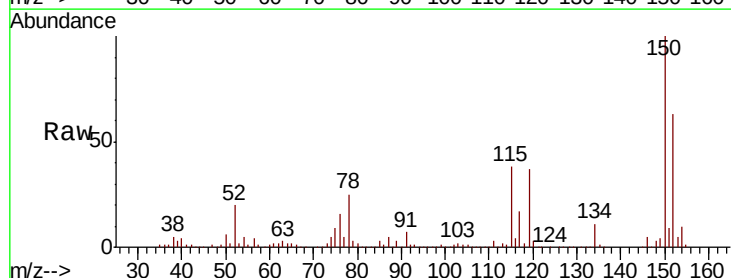
Tgt Ion:152 Resp: 162161

Ion Ratio Lower Upper

152 100

115 78.2 39.4 118.1

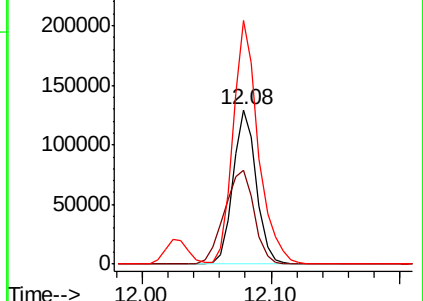
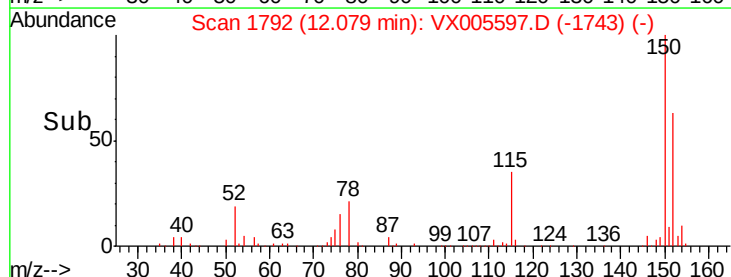
150 171.9 0.0 346.4



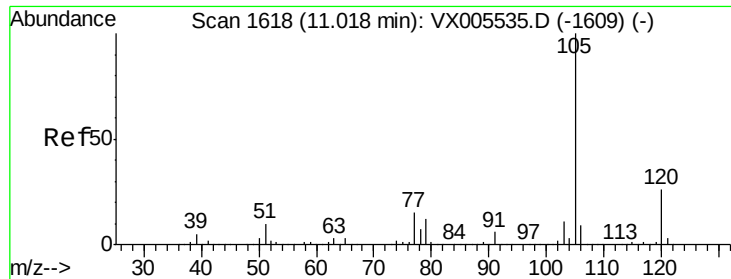
Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V







#73

Isopropylbenzene

Concen: 51.359 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

Instrument :

MSVOA\_X

ClientSampleId :

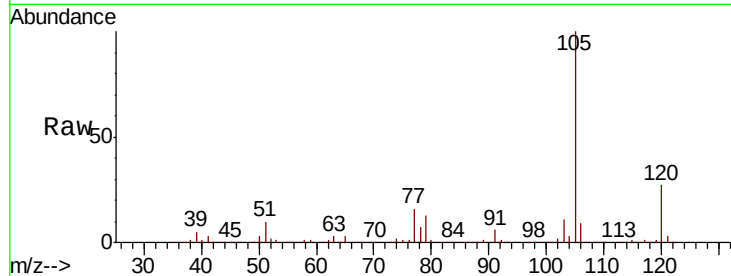
VSTDCCC050EC

Tot Ion:105 Resp: 509104

Ion Ratio Lower Upper

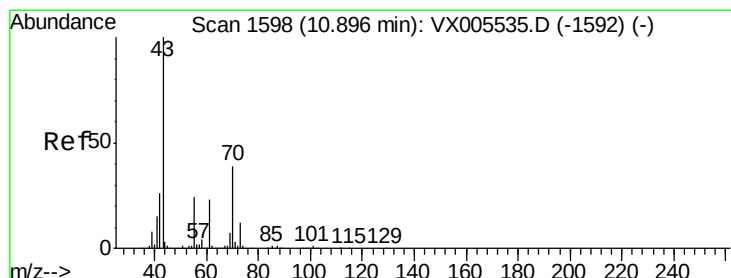
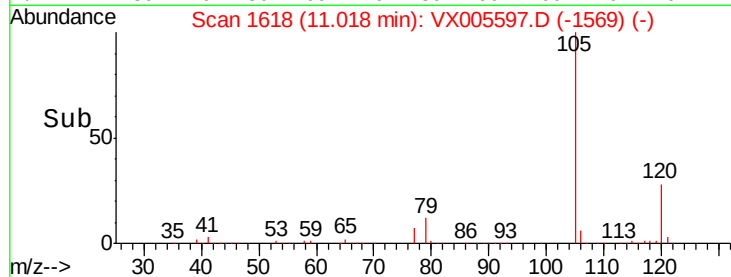
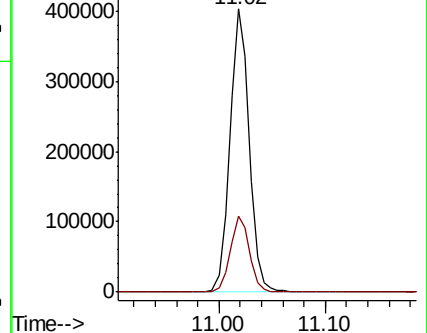
105 100

120 26.8 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 50.362 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

Tgt Ion: 43 Resp: 247365

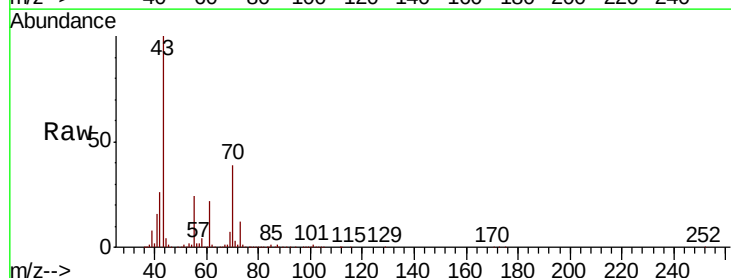
Ion Ratio Lower Upper

43 100

70 39.9 31.6 47.4

55 25.3 19.7 29.5

61 23.0 18.3 27.5

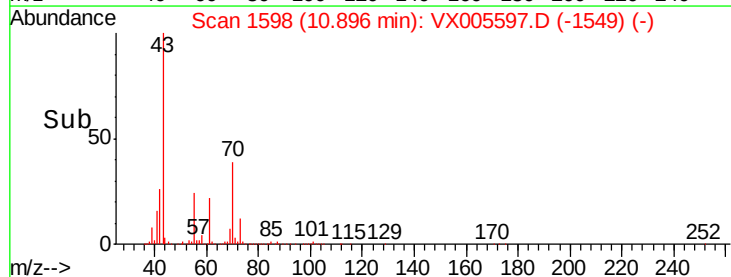
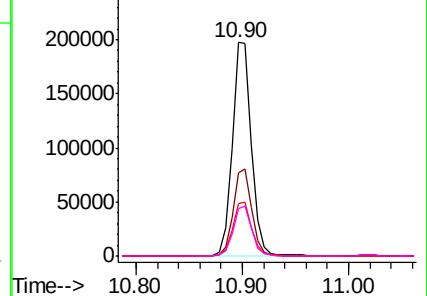


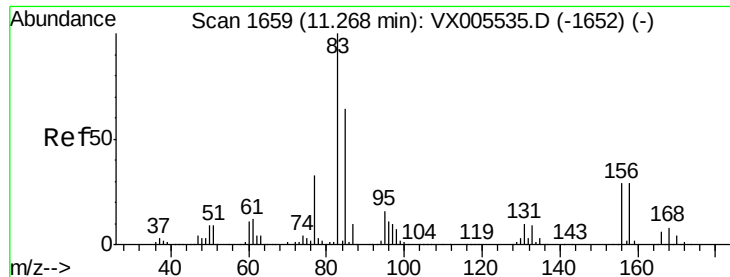
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.654 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

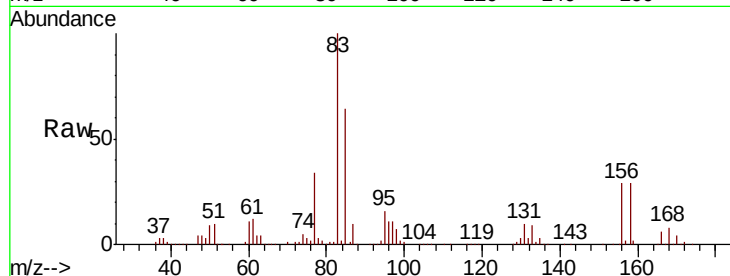
Tot Ion: 83 Resp: 174275

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.9

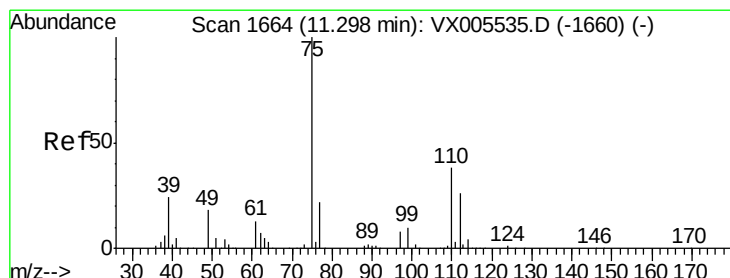
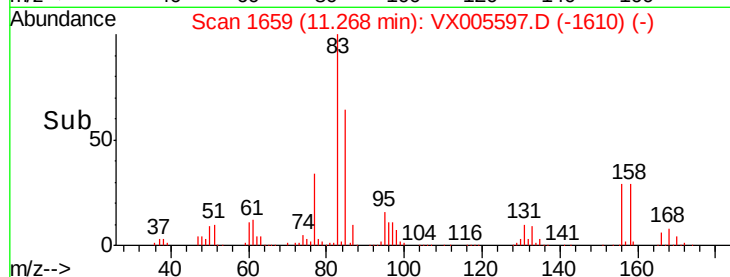
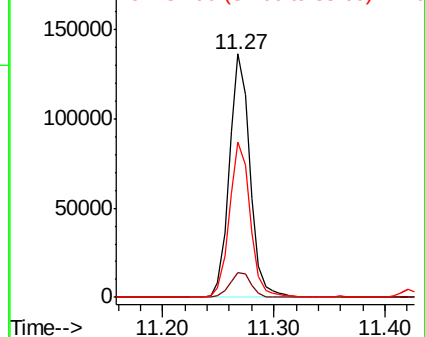
85 64.2 32.0 96.2



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: 60.386 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005597.D

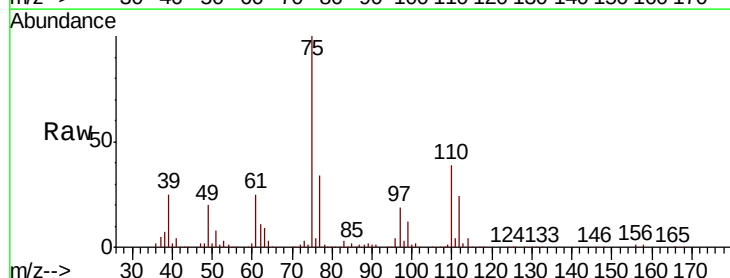
Acq: 25 Oct 2018 18:43

Tgt Ion: 75 Resp: 207476

Ion Ratio Lower Upper

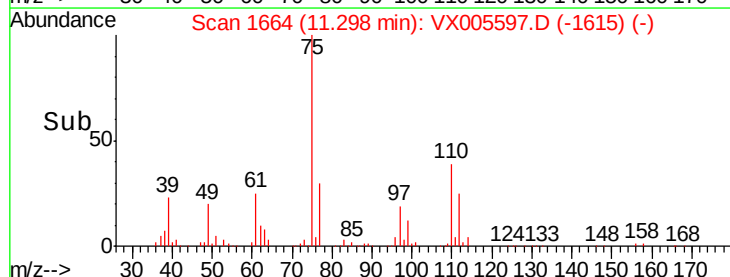
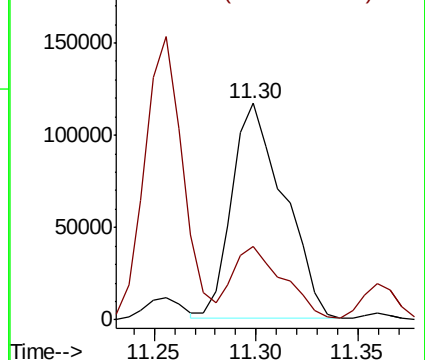
75 100

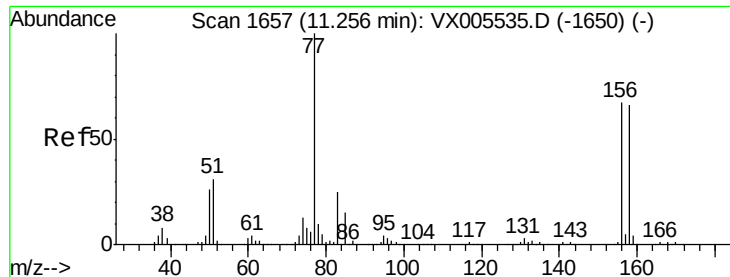
77 33.1 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.931 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

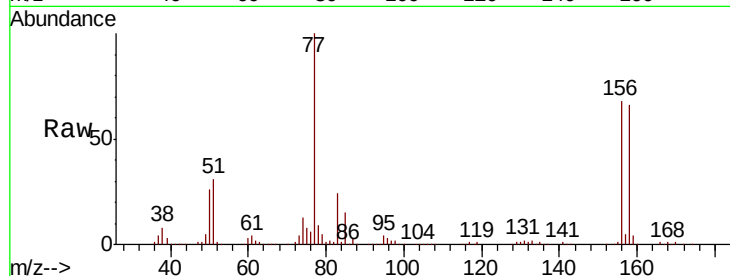
Tot Ion:156 Resp: 135174

Ion Ratio Lower Upper

156 100

77 147.4 74.8 224.4

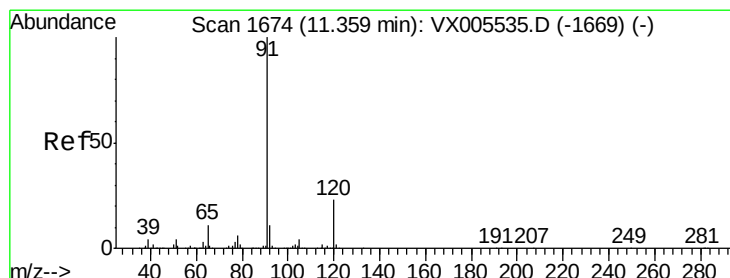
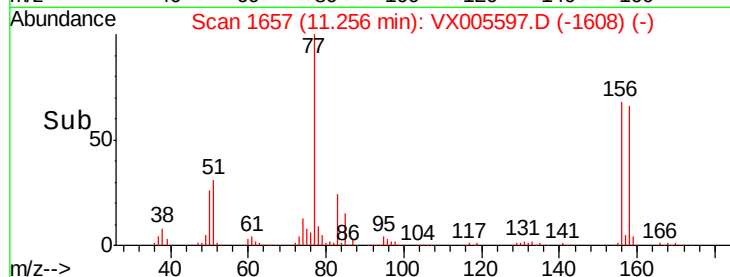
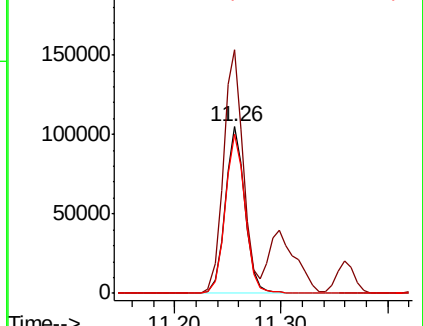
158 97.1 49.1 147.3



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: 51.900 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005597.D

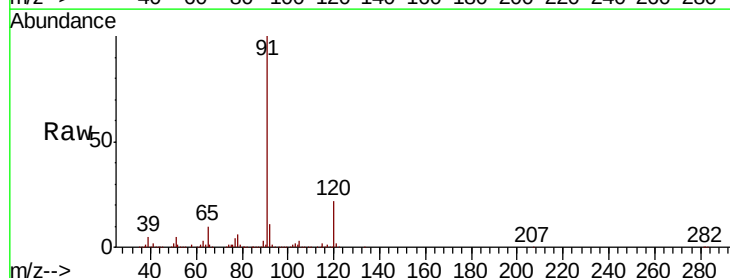
Acq: 25 Oct 2018 18:43

Tgt Ion: 91 Resp: 588276

Ion Ratio Lower Upper

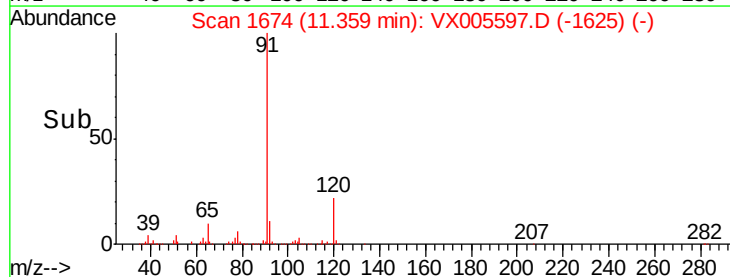
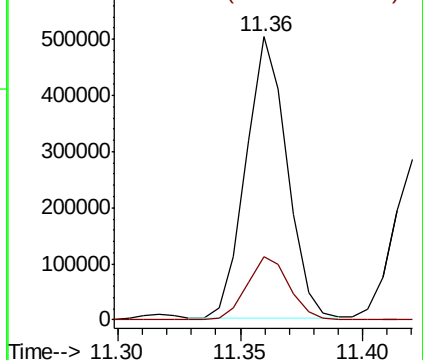
91 100

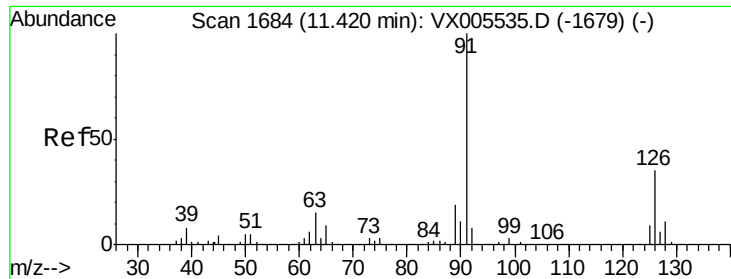
120 23.3 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

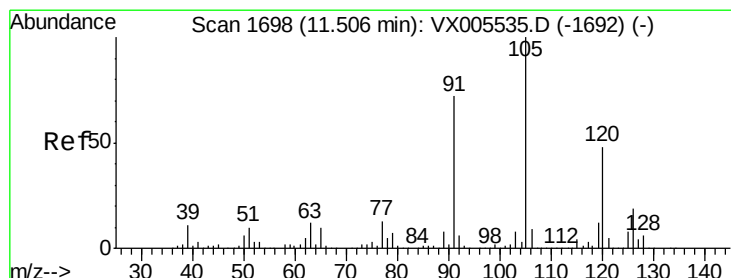
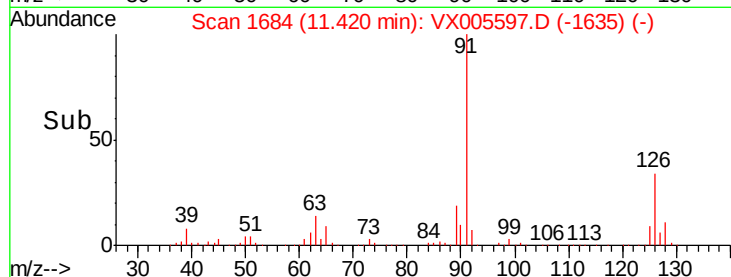
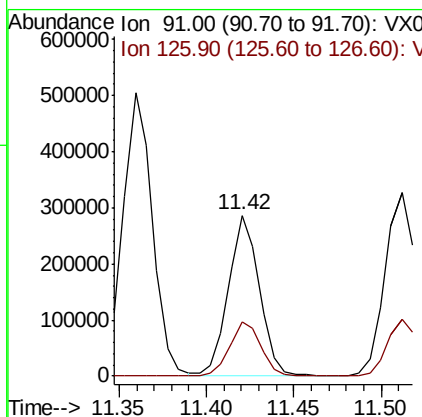
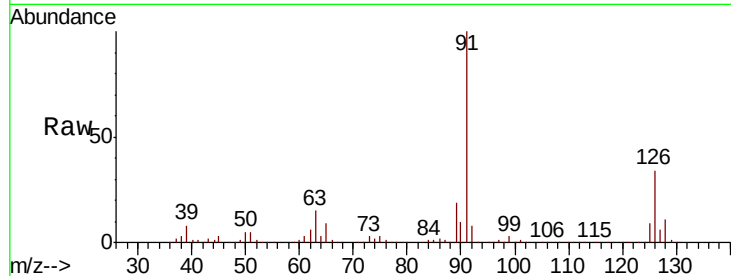




#79  
 2-Chlorotoluene  
 Concen: 49.832 ug/l  
 RT: 11.42 min Scan# 1684  
 Delta R.T. -0.00 min  
 Lab File: VX005597.D  
 Acq: 25 Oct 2018 18:43

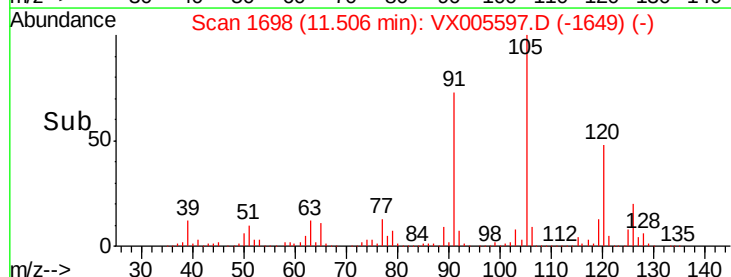
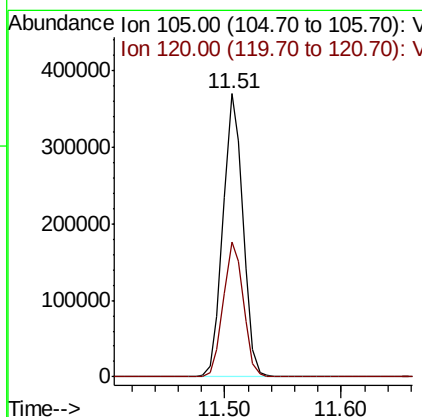
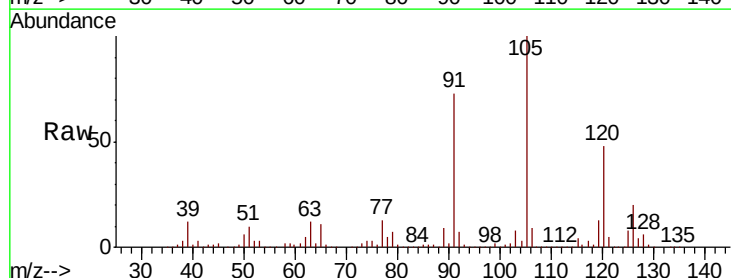
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

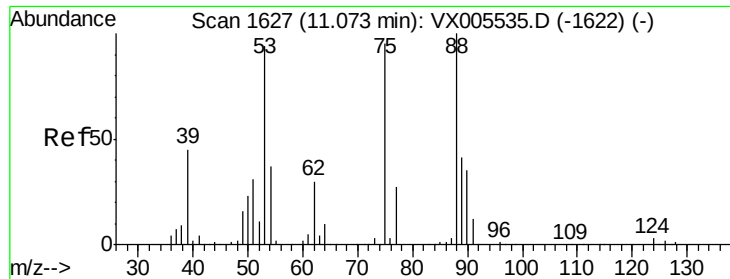
Tot Ion: 91 Resp: 350209  
 Ion Ratio Lower Upper  
 91 100  
 126 34.6 17.3 52.0



#80  
 1,3,5-Trimethylbenzene  
 Concen: 51.629 ug/l  
 RT: 11.51 min Scan# 1698  
 Delta R.T. -0.00 min  
 Lab File: VX005597.D  
 Acq: 25 Oct 2018 18:43

Tgt Ion: 105 Resp: 437805  
 Ion Ratio Lower Upper  
 105 100  
 120 48.1 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 50.206 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

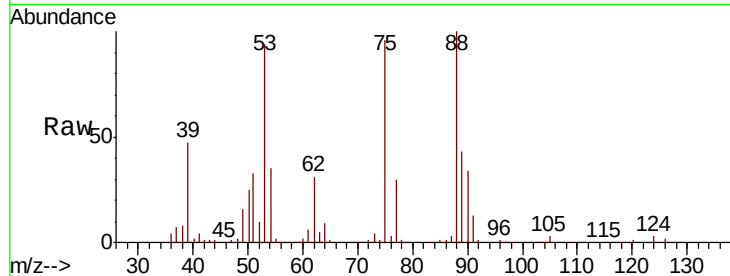
Tot Ion: 75 Resp: 52792

Ion Ratio Lower Upper

75 100

53 99.5 80.2 120.2

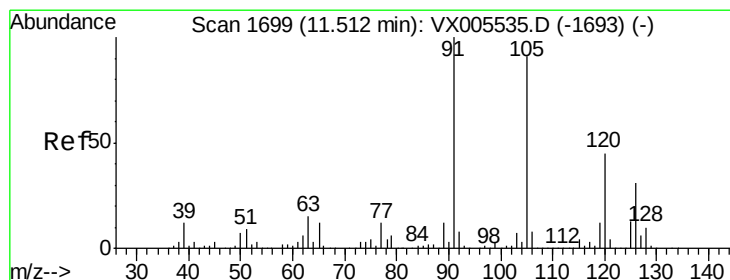
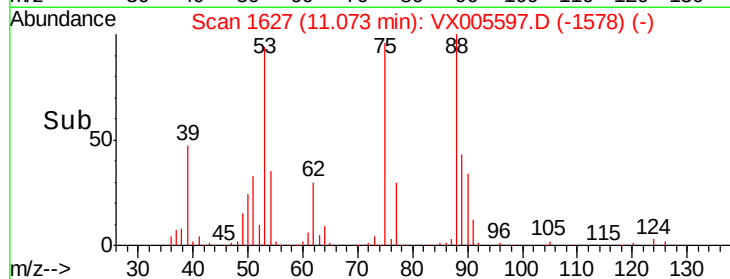
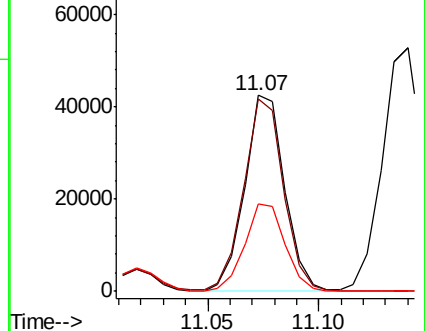
89 45.5 39.8 59.8



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: 50.082 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005597.D

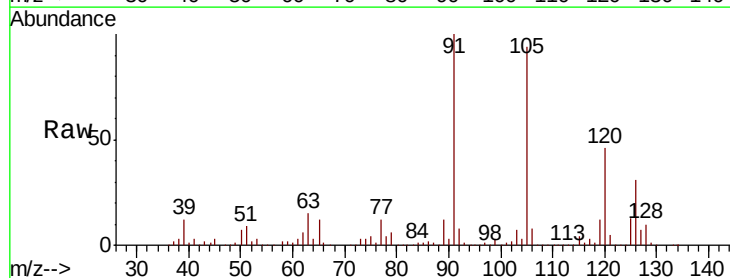
Acq: 25 Oct 2018 18:43

Tgt Ion: 91 Resp: 415025

Ion Ratio Lower Upper

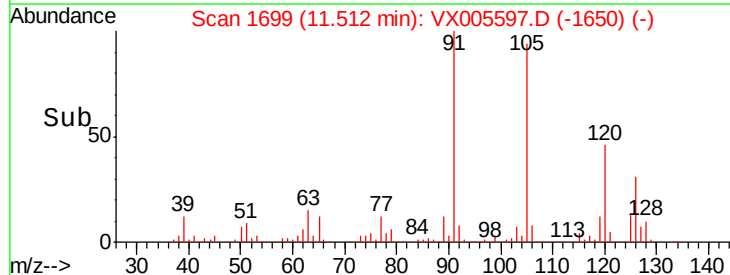
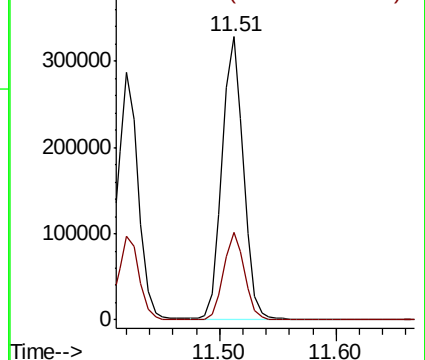
91 100

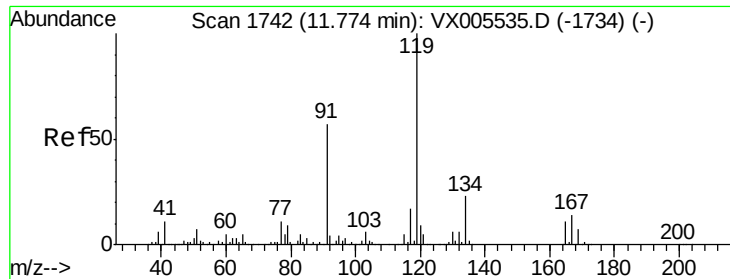
126 30.5 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

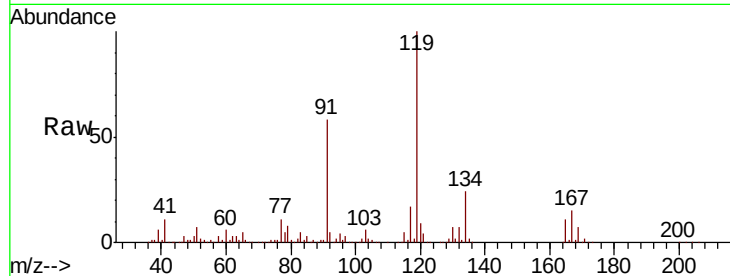




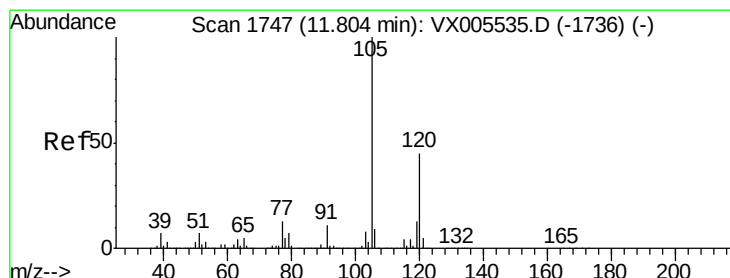
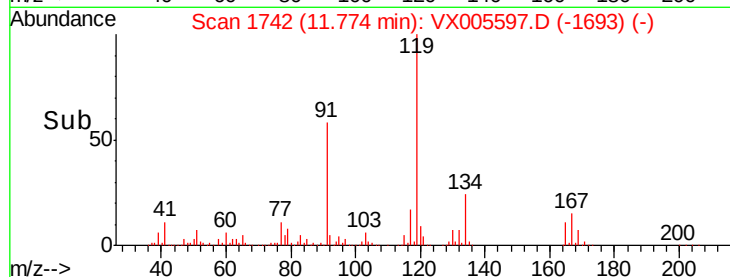
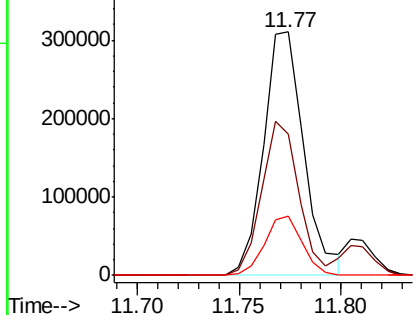
#83  
tert-Butylbenzene  
Concen: 50.639 ug/l  
RT: 11.77 min Scan# 1742  
Delta R.T. -0.00 min  
Lab File: VX005597.D  
Acq: 25 Oct 2018 18:43

Instrument :  
MSVOA\_X  
ClientSampleId :  
VSTDCCC050EC

Tot Ion:119 Resp: 428030  
Ion Ratio Lower Upper  
119 100  
91 58.2 28.5 85.5  
134 22.8 11.3 33.8

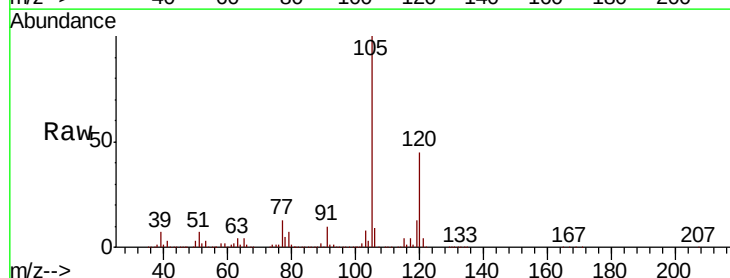


Abundance Ion 119.00 (118.70 to 119.70): V  
Ion 91.00 (90.70 to 91.70): VX0  
Ion 134.00 (133.70 to 134.70): V

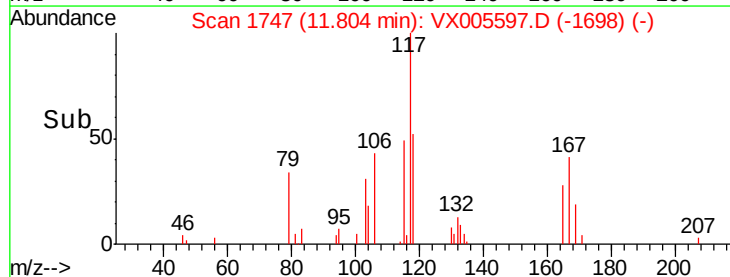
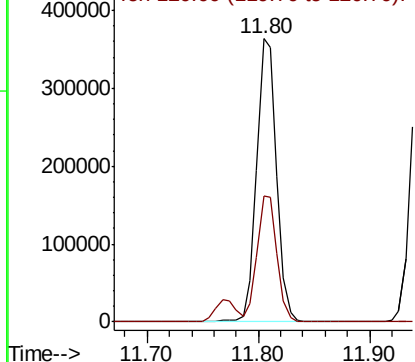


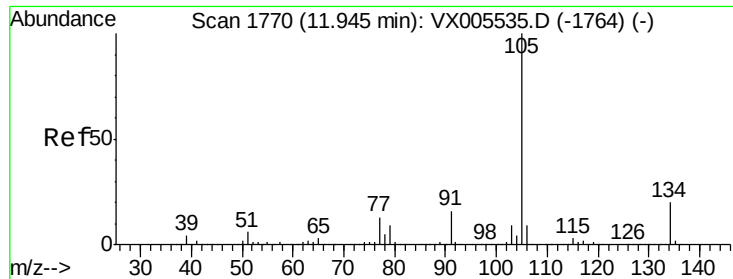
#84  
1,2,4-Trimethylbenzene  
Concen: 52.824 ug/l  
RT: 11.80 min Scan# 1747  
Delta R.T. -0.00 min  
Lab File: VX005597.D  
Acq: 25 Oct 2018 18:43

Tgt Ion:105 Resp: 453979  
Ion Ratio Lower Upper  
105 100  
120 44.3 22.4 67.0



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

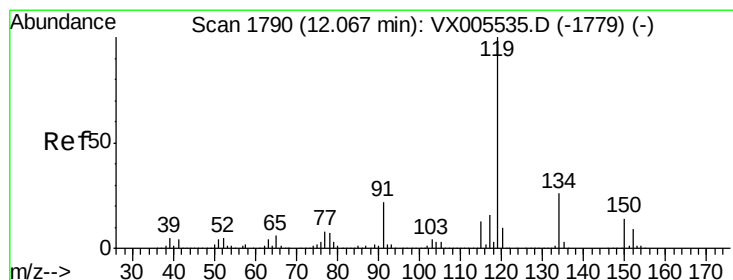
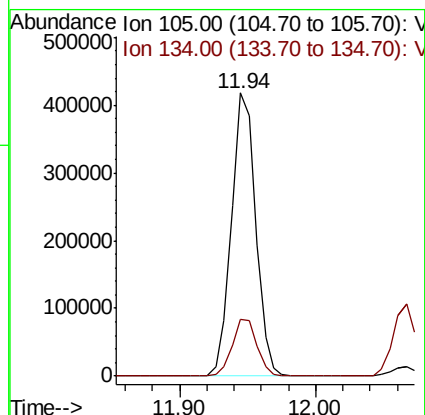
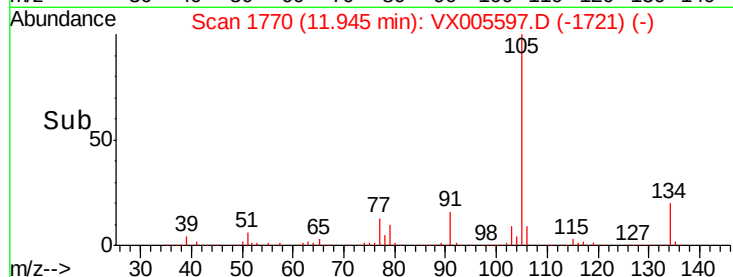
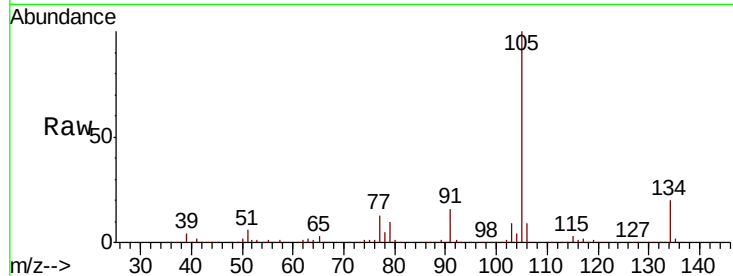




#85  
 sec-Butylbenzene  
 Concen: 51.577 ug/l  
 RT: 11.94 min Scan# 1770  
 Delta R.T. -0.00 min  
 Lab File: VX005597.D  
 Acq: 25 Oct 2018 18:43

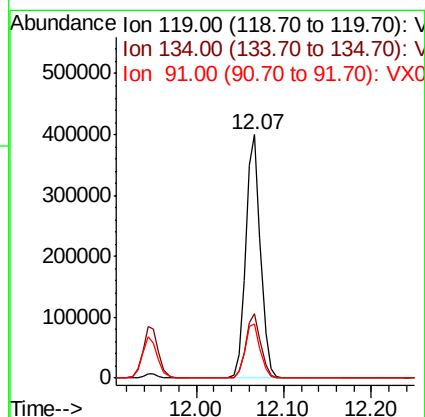
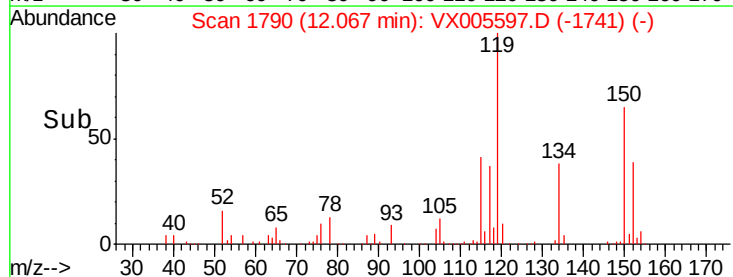
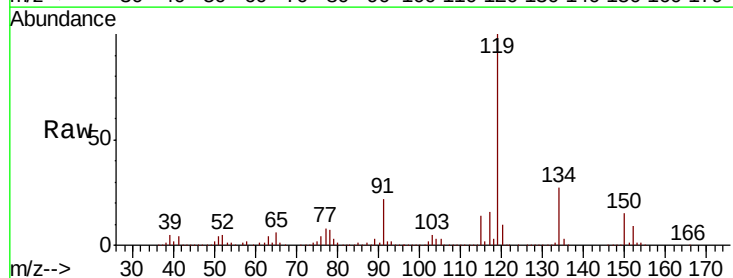
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

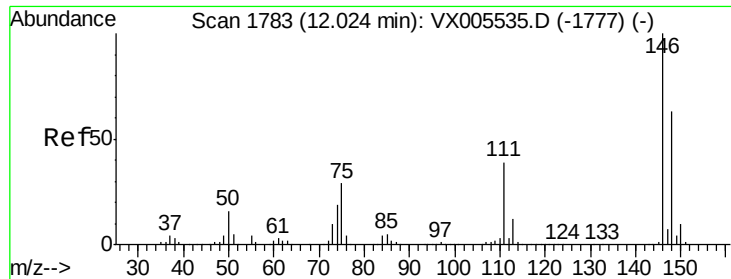
Tot Ion:105 Resp: 520208  
 Ion Ratio Lower Upper  
 105 100  
 134 20.4 10.2 30.4



#86  
 p-Isopropyltoluene  
 Concen: 52.153 ug/l  
 RT: 12.07 min Scan# 1790  
 Delta R.T. -0.00 min  
 Lab File: VX005597.D  
 Acq: 25 Oct 2018 18:43

Tgt Ion:119 Resp: 470237  
 Ion Ratio Lower Upper  
 119 100  
 134 26.6 13.0 39.0  
 91 23.2 11.4 34.2

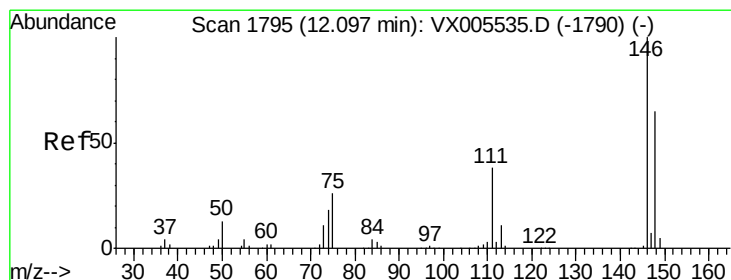
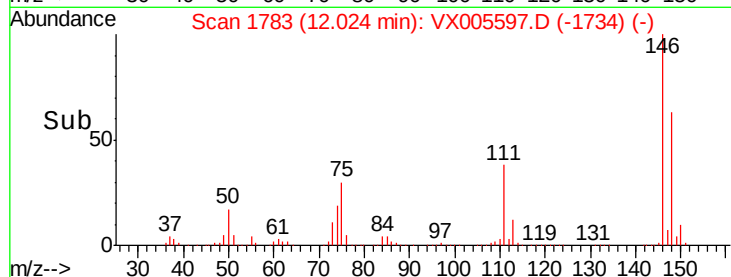
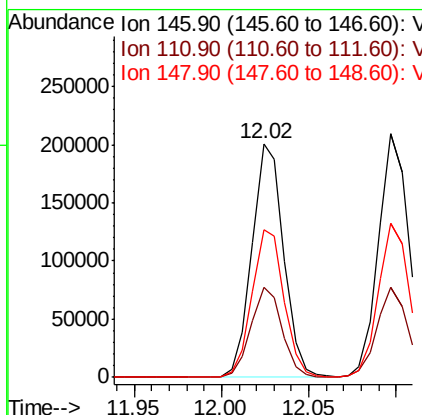
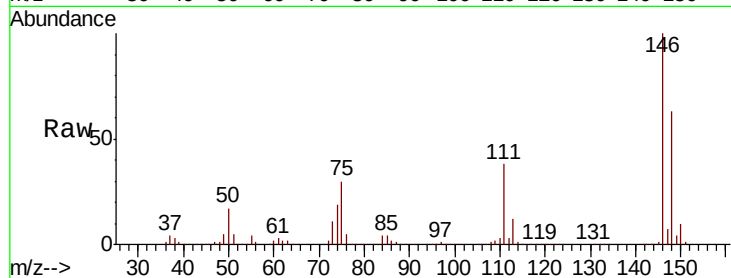




#87  
 1,3-Dichlorobenzene  
 Concen: 48.769 ug/l  
 RT: 12.02 min Scan# 1783  
 Delta R.T. -0.00 min  
 Lab File: VX005597.D  
 Acq: 25 Oct 2018 18:43

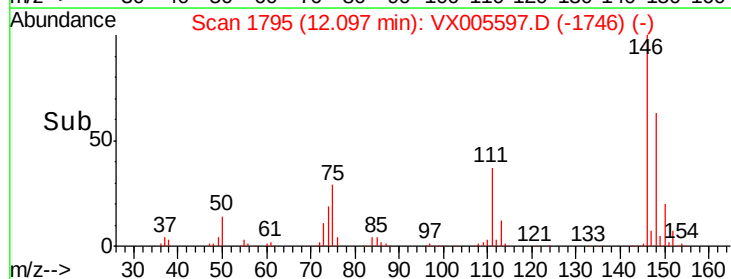
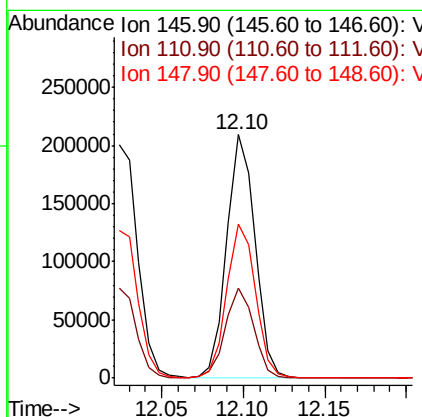
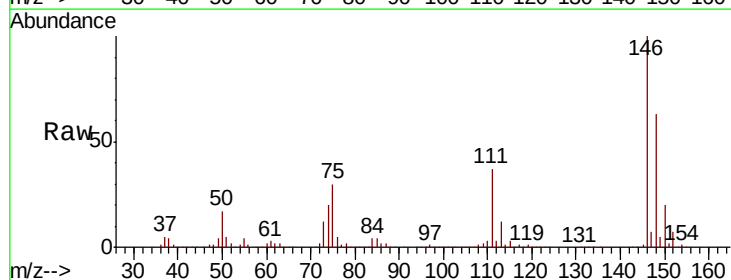
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion:146 Resp: 253348  
 Ion Ratio Lower Upper  
 146 100  
 111 38.1 19.0 57.0  
 148 63.9 31.9 95.9

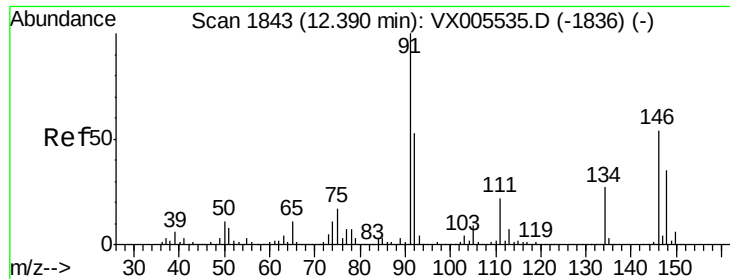


#88  
 1,4-Dichlorobenzene  
 Concen: 46.965 ug/l  
 RT: 12.10 min Scan# 1795  
 Delta R.T. -0.00 min  
 Lab File: VX005597.D  
 Acq: 25 Oct 2018 18:43

Tgt Ion:146 Resp: 254670  
 Ion Ratio Lower Upper  
 146 100  
 111 37.3 18.6 55.8  
 148 64.2 32.1 96.3







#89

n-Butylbenzene

Concen: 51.349 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

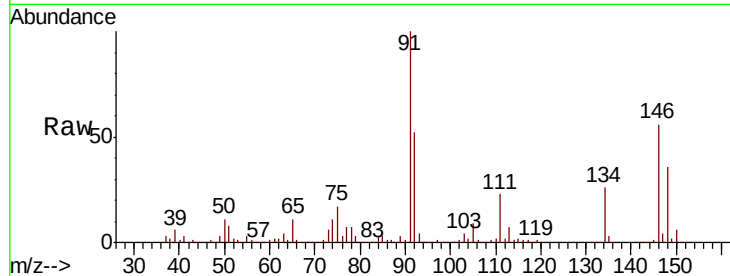
Tot Ion: 91 Resp: 417972

Ion Ratio Lower Upper

91 100

92 52.1 26.1 78.2

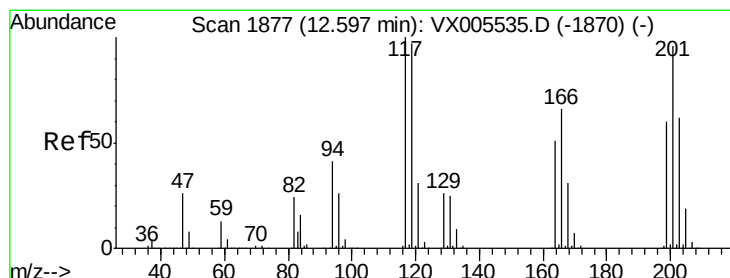
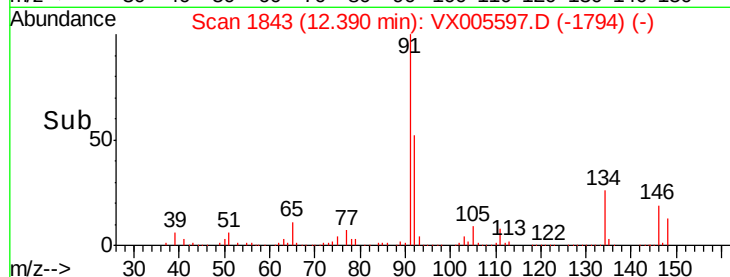
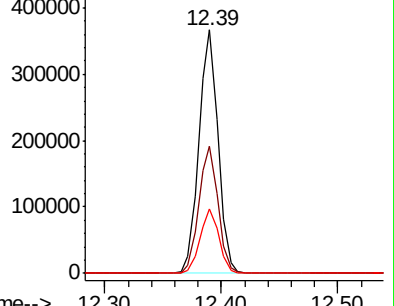
134 26.2 13.1 39.3



Abundance Ion 91.00 (90.70 to 91.70): VX005535.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX005535.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX005535.D (-1836) (-)



#90

Hexachloroethane

Concen: 49.297 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX005597.D

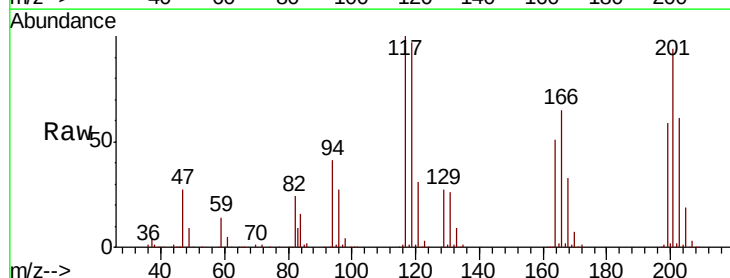
Acq: 25 Oct 2018 18:43

Tgt Ion: 117 Resp: 76661

Ion Ratio Lower Upper

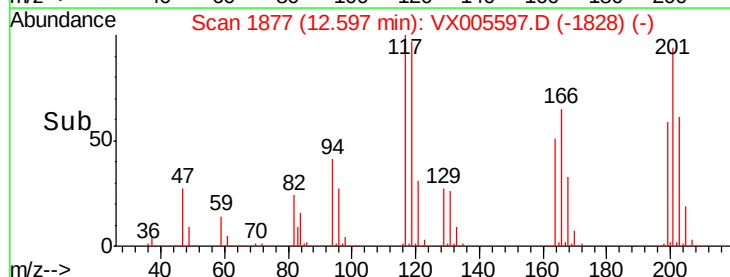
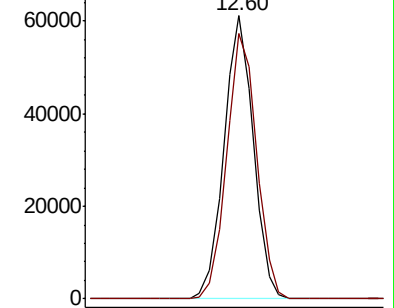
117 100

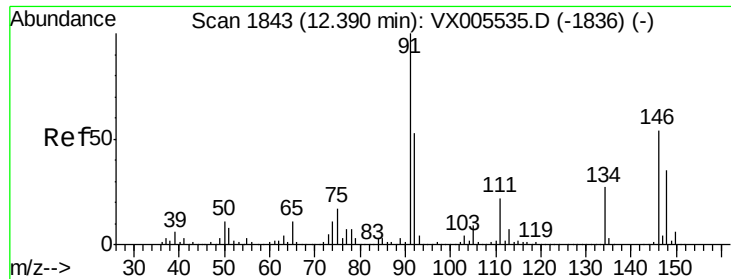
201 95.6 47.9 143.6



Abundance Ion 116.80 (116.50 to 117.50): VX005535.D (-1870) (-)

Ion 200.70 (200.40 to 201.40): VX005535.D (-1870) (-)

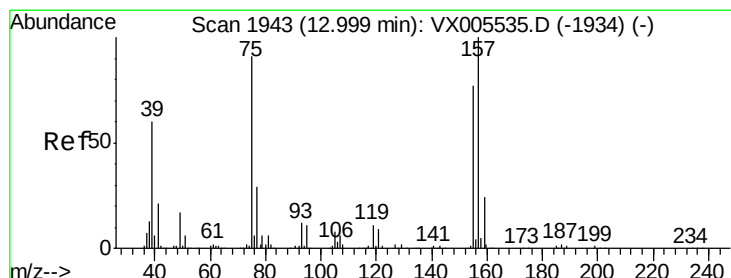
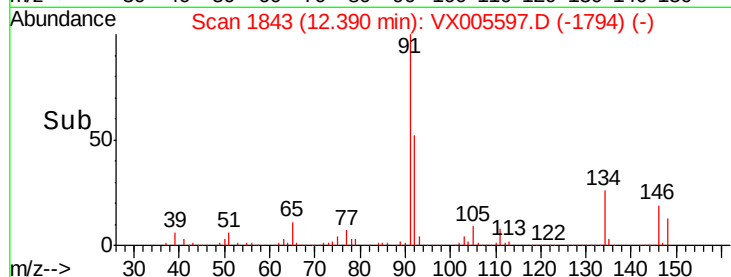
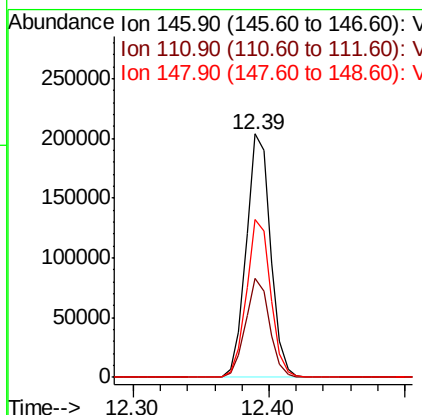
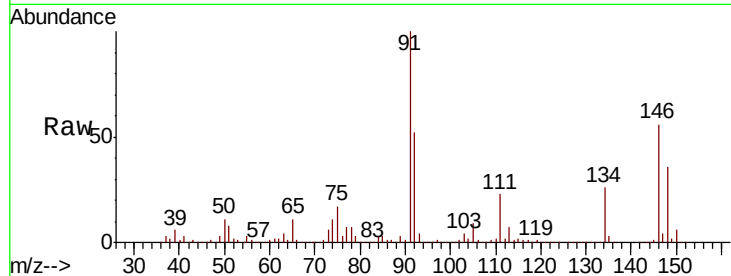




#91  
 1,2-Dichlorobenzene  
 Concen: 48.435 ug/l  
 RT: 12.39 min Scan# 1843  
 Delta R.T. -0.00 min  
 Lab File: VX005597.D  
 Acq: 25 Oct 2018 18:43

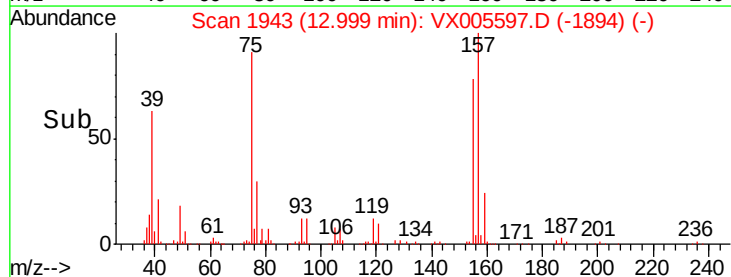
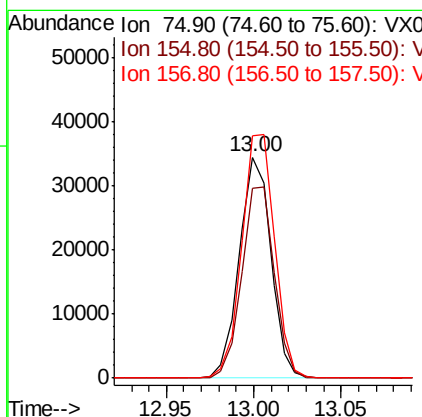
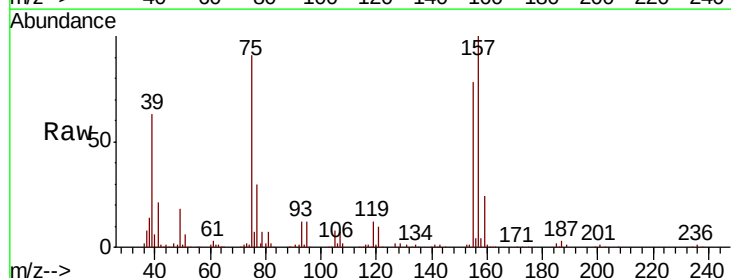
Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

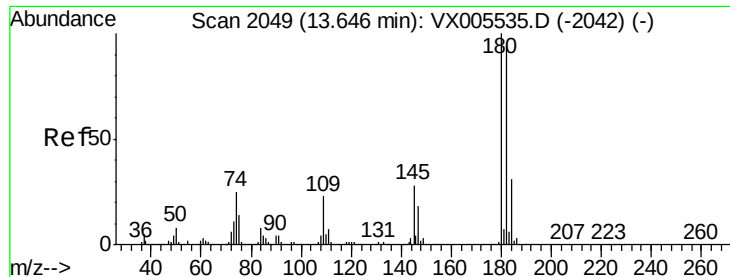
Tot Ion:146 Resp: 254565  
 Ion Ratio Lower Upper  
 146 100  
 111 39.9 20.0 59.9  
 148 64.6 32.2 96.6



#92  
 1,2-Dibromo-3-Chloropropane  
 Concen: 49.170 ug/l  
 RT: 13.00 min Scan# 1943  
 Delta R.T. -0.00 min  
 Lab File: VX005597.D  
 Acq: 25 Oct 2018 18:43

Tgt Ion: 75 Resp: 43478  
 Ion Ratio Lower Upper  
 75 100  
 155 88.9 45.4 136.1  
 157 114.4 57.4 172.0

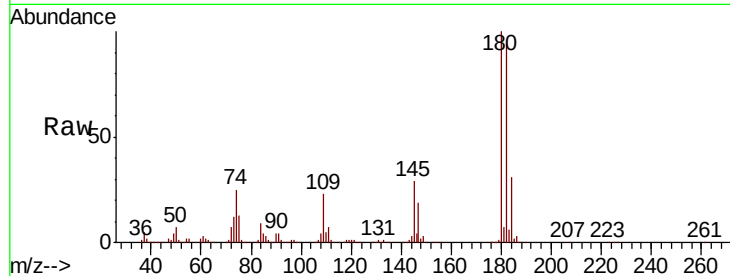




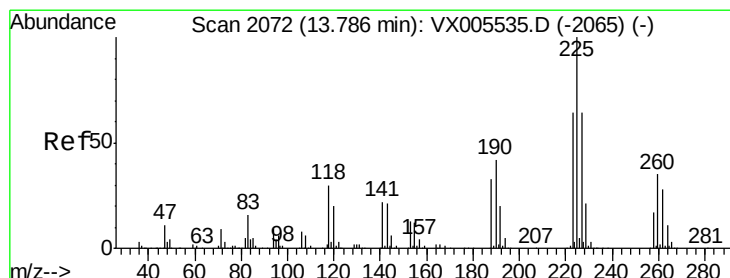
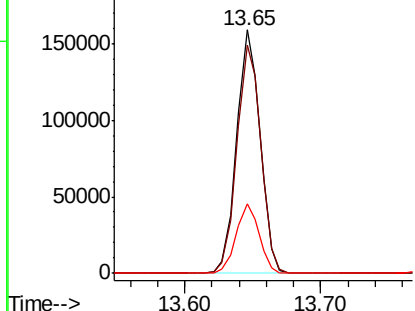
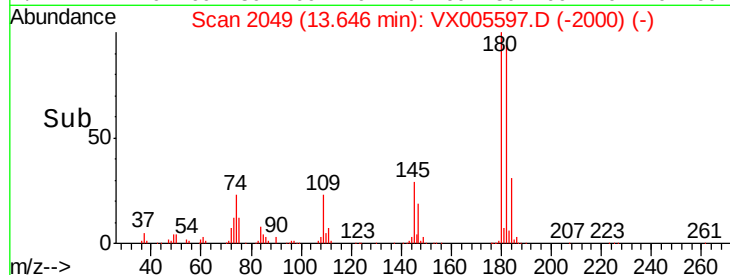
#93  
 1,2,4-Trichlorobenzene  
 Concen: 50.003 ug/l  
 RT: 13.65 min Scan# 2049  
 Delta R.T. -0.00 min  
 Lab File: VX005597.D  
 Acq: 25 Oct 2018 18:43

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTDCCC050EC

Tot Ion:180 Resp: 190508  
 Ion Ratio Lower Upper  
 180 100  
 182 95.6 47.6 142.8  
 145 28.1 14.1 42.2

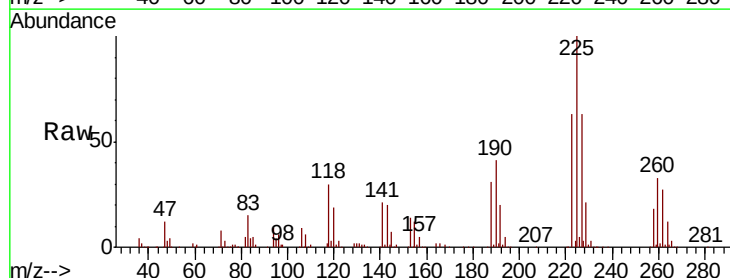


Abundance Ion 179.80 (179.50 to 180.50): V  
 Ion 181.80 (181.50 to 182.50): V  
 Ion 144.80 (144.50 to 145.50): V

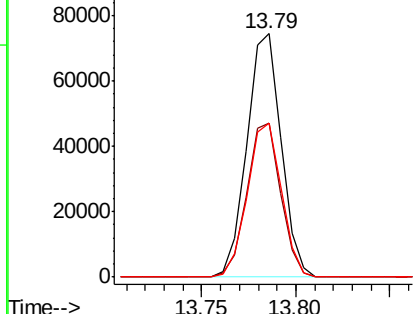
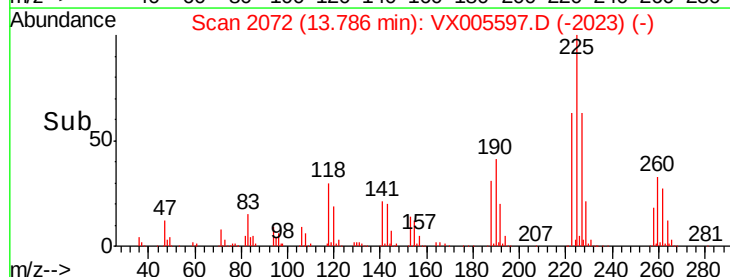


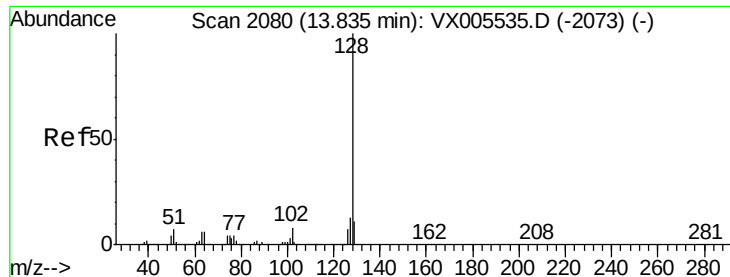
#94  
 Hexachlorobutadiene  
 Concen: 47.598 ug/l  
 RT: 13.79 min Scan# 2072  
 Delta R.T. -0.00 min  
 Lab File: VX005597.D  
 Acq: 25 Oct 2018 18:43

Tgt Ion:225 Resp: 93977  
 Ion Ratio Lower Upper  
 225 100  
 223 62.5 31.7 95.1  
 227 63.1 32.3 96.9



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





#95

Naphthalene

Concen: 53.423 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

Instrument :

MSVOA\_X

ClientSampleId :

VSTDCCC050EC

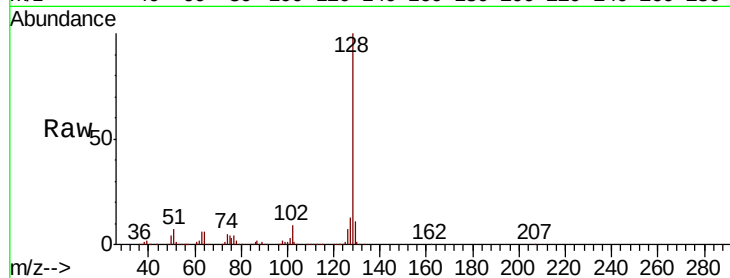
Tot Ion:128 Resp: 591645

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

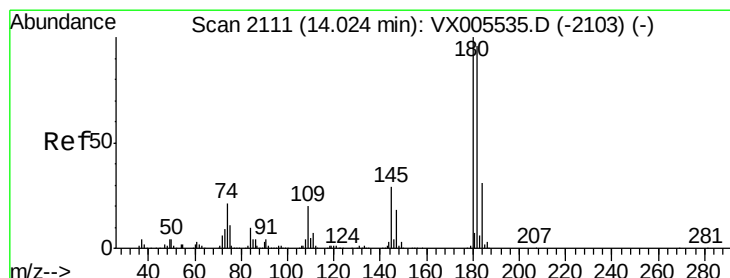
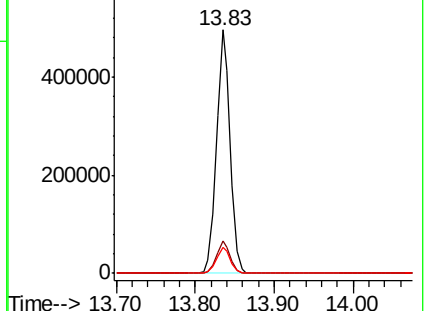
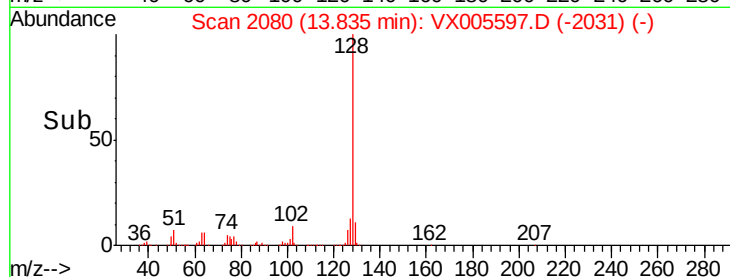
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 50.163 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX005597.D

Acq: 25 Oct 2018 18:43

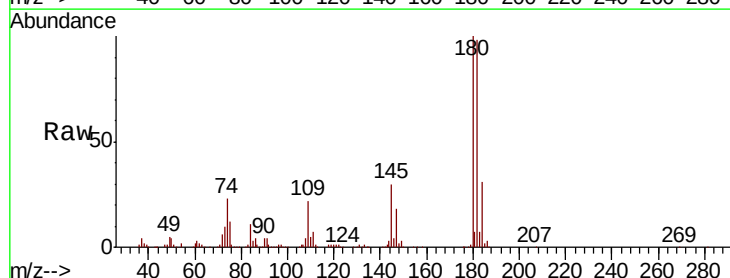
Tgt Ion:180 Resp: 193735

Ion Ratio Lower Upper

180 100

182 96.5 48.0 144.2

145 30.3 15.1 45.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

